



City of Daytona Beach Shores

"Life is Better Here"

"A Premier, Friendly Place to Be"

AGENDA CITY COMMISSION MEETING SEPTEMBER 9, 2024

**6:00 PM, Shores Community Center, 3000 Bellemead Drive
Daytona Beach Shores, FL 32118**

Upon being recognized, a member of the public shall proceed to the podium and give his or her name and address and may, thereafter, speak for a maximum of three minutes on any matter relevant to a specific agenda item. During "Audience Comments," a member of the public may speak on any matter relevant to City business which is not on the agenda, for a maximum of three minutes in accordance with Section 2-1.1(d) and 2-2 of the City Code. In accordance with Section 2-2, during periods set aside for public discussion any person desiring to speak shall secure a form located at the agenda table, complete the form and present it to the City Clerk so the speaker can be recognized by the presiding officer. The use of profanity, obscene language, threats or any violent or abusive conduct by any person shall constitute a violation of this section. It shall be the duty of the Director of Public Safety, upon the order of the presiding officer at any such meeting, to forcibly, if necessary, evict any person violating the provisions of this section from the Commission Chambers. Any such violation shall subject the offender, upon conviction thereof, to a fine and/or imprisonment as prescribed by Section 1-8.

- 1. CALL TO ORDER BY MAYOR**
- 2. ROLL CALL BY CITY CLERK**
- 3. PRAYER**
- 4. PLEDGE OF ALLEGIANCE**
- 5. NEW BUSINESS (TRIM PROCESS ONLY):**
 - A. Resolution 2024-13 A RESOLUTION OF THE CITY OF DAYTONA BEACH SHORES OF VOLUSIA COUNTY, FLORIDA, ADOPTING THE TENTATIVE LEVYING OF AD VALOREM TAXES FOR VOLUSIA COUNTY FOR FISCAL YEAR 2024-25; PROVIDING AN EFFECTIVE DATE
 - B. Resolution 2024-14 A RESOLUTION OF THE CITY OF DAYTONA BEACH SHORES OF VOLUSIA COUNTY, FLORIDA, ADOPTING THE TENTATIVE BUDGET FOR FISCAL YEAR 2024-2025; PROVIDING FOR AN EFFECTIVE DATE

6. CEREMONIAL ITEMS, PRESENTATIONS AND PUBLIC NOTICES:

- A. Request from Will Roberts, Volusia County Tax Collector to support Kids Tag Art
- B. Gold Certificate of Excellence to Mayor Nancy Miller

7. APPROVAL OF MINUTES

- A. City Commission Minutes August 27, 2024

8. CONSENT AGENDA:

9. OLD BUSINESS:

10. QUASI-JUDICIAL HEARING

- A. Regular Site Plan RSP12023048: SHORES DEPOT - ALL ABOARD STORAGE Interior Storage Facility, 2616 S. Atlantic Avenue

11. NEW BUSINESS:

- A. Discussion on Volusia County's Dune Vegetation Ordinance
- B. Consideration to cancel the second meeting in both November and December

12. CITY ATTORNEY COMMENTS

13. CITY MANAGER COMMENTS

14. COMMISSION COMMENTS:

15. AUDIENCE REMARKS/PUBLIC COMMENTS:

16. ITEMS RECOMMENDED FOR THE NEXT AGENDA:

17. ADJOURNMENT:

ANY PERSON WHO DECIDES TO APPEAL ANY DECISION MADE BY THE CITY COMMISSION WILL NEED A RECORD OF THE PROCEEDINGS, AND FOR SUCH PURPOSE HE OR SHE MAY NEED TO ENSURE AT HIS OR HER OWN EXPENSE FOR THE TAKING AND PREPARATION OF A VERBATIM RECORD OF ALL TESTIMONY AND EVIDENCE OF THE PROCEEDINGS UPON WHICH THE APPEAL IS TO BE BASED.

NOTE: IF YOU ARE A PERSON WITH A DISABILITY WHO NEEDS AN ACCOMMODATION IN ORDER TO PARTICIPATE IN THIS PROCEEDING, YOU ARE ENTITLED, AT NO COST TO YOU, TO THE PROVISION OF CERTAIN ASSISTANCE. PLEASE CONTACT THE CITY CLERK FOR THE CITY OF DAYTONA BEACH SHORES, 2990 S. ATLANTIC AVENUE, DAYTONA BEACH SHORES, FLORIDA 32118, TELEPHONE NUMBER 386-7635364, CSCHWAB@CITYOFDBS.ORG, AS FAR IN ADVANCE AS POSSIBLE, BUT PREFERABLY WITHIN 2 WORKING DAYS

OF YOUR RECEIPT OF THIS NOTICE OR 5 DAYS PRIOR TO THE MEETING DATE. IF YOU ARE HEARING OR VOICE IMPAIRED, CONTACT THE RELAY OPERATOR AT 711 or 1 8009558771.

UPON REQUEST BY A QUALIFIED INDIVIDUAL WITH A DISABILITY, THIS DOCUMENT WILL BE MADE AVAILABLE IN AN ALTERNATE FORMAT. IF YOU NEED TO REQUEST THIS DOCUMENT IN AN ALTERNATE FORMAT, PLEASE CONTACT THE CITY CLERK WHOSE CONTACT INFORMATION IS PROVIDED ABOVE.



CITY COMMISSION AGENDA MEMORANDUM SEPTEMBER 9, 2024 AGENDA

TO: Honorable Mayor and Members of the City Commission

FROM: Lory Irwin, Finance Director

PREPARED BY: Lory Irwin, Finance Director

SUBJECT: Resolution 2024-13 A RESOLUTION OF THE CITY OF DAYTONA BEACH SHORES OF VOLUSIA COUNTY, FLORIDA, ADOPTING THE TENTATIVE LEVYING OF AD VALOREM TAXES FOR VOLUSIA COUNTY FOR FISCAL YEAR 2024-25; PROVIDING AN EFFECTIVE DATE

SYNOPSIS:

As per Florida Statute the City of Daytona Beach Shores must adopt a tentative millage rate. July 23, 2024 the City Commission had a budget workshop to discuss the FY 2024-25 budget and proposed millage rate. At the commission meeting that same evening commission adopted the proposed rate of 4.5880 mills. This is 8.78% greater than the roll-backed rate of 4.2175 mills. The commission may adopt the proposed rate of 4.5880 mills or adopt a lower rate; a higher rate above 4.5880 mills would require the city to re-advertise to all property owners within the city.

FISCAL IMPACT STATEMENT:

This sets the millage rate for ad valorem tax revenue for fiscal year 2024-25.

BACKGROUND:

City staff spends half of the year putting together a budget of all revenue and necessary expenditures for the following year to be presented at a budget workshop, held this year on July 23, 2024. The workshop is open to the public and discussion takes place between commission and staff regarding the proposed budget. At this year's workshop commission discussed possibly changing the proposed employee merit to 2.5% to 5.25% and/or proposed flat hourly rate increase to \$1.30/hr. At the August 27, 2024 Commission Meeting, it was unanimously approved to increase the proposed employee flat hourly rate increase to \$1.30/hr.

The proposed millage rate of 4.5880 mills was approved at the Commission Meeting held on July 27, 2024 at 6:00 pm through Resolution 2024-11.

LEGAL REVIEW:

RECOMMENDATION:

Staff recommends the City Commission adopt Resolution 2024-13 setting the tentative operating millage rate at the rate approved by commission at the budget hearing on September 9, 2024 for the FY 2024-25 budget.

SUGGESTED MOTION:

Motion to approve Resolution 2024-13 setting the tentative operating millage rate at the rate approved by commission at the budget hearing on September 9, 2024 for FY 2024-25 budget.

ATTACHMENT: 1. RESOLUTION NO 2024 TENTATIVE MILLAGE FY 24_25

RESOLUTION NO. 2024-13

**A RESOLUTION OF THE CITY OF DAYTONA BEACH SHORES
OF VOLUSIA COUNTY, FLORIDA, ADOPTING THE TENTATIVE
LEVYING OF AD VALOREM TAXES FOR VOLUSIA
COUNTY FOR FISCAL YEAR 2024-25; PROVIDING AN
EFFECTIVE DATE.**

WHEREAS, the City of Daytona Beach Shores, of Volusia County, Florida, on September 9, 2024, adopted Fiscal Year 2024-2025 Tentative Millage Rate following a public hearing as required by Florida Statute Section 200.065; and

WHEREAS, the City of Daytona Beach Shores of Volusia County, Florida, held a public hearing as required by Florida Statute 200.065; and

WHEREAS, the gross taxable value for operating purposes not exempt from taxation within Volusia County has been certified by the County Property Appraiser to the City of Daytona Beach Shores as \$2,221,720,136.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY OF DAYTONA BEACH SHORES, VOLUSIA COUNTY, FLORIDA THAT:

Section 1. The FY 2024-2025 operating millage rate is 4.5880 mills, which is greater than the rolled-back rate of 4.2175 mills by 8.78%.

Section 2. The date and time of the Final Millage Rate hearing shall be Tuesday, September 24, 2024 at 6:00 pm in the Commission Chambers located at 3000 Bellemead Drive, Daytona Beach Shores, Florida 32118 and shall be followed immediately by the Tentative Budget Hearing.

Section 3. Any resolution or part of this resolution in conflict herewith is hereby repealed.

Section 4. This Resolution shall will take effect immediately upon its adoption.

PASSED AND DULY ADOPTED at a public hearing this 9th day of September 2024.
Time Adopted ____ pm.

CITY OF DAYTONA BEACH SHORES, FL

NANCY MILLER, MAYOR

KURT SWARTZLANDER, CITY MANAGER

CHERI SCHWAB, CITY CLERK

Approved as to form and legality:

VOSE LAW FIRM



CITY COMMISSION AGENDA MEMORANDUM SEPTEMBER 9, 2024 AGENDA

TO: Honorable Mayor and Members of the City Commission

FROM: Lory Irwin, Finance Director

PREPARED BY: Lory Irwin, Finance Director

SUBJECT: Resolution 2024-14 A RESOLUTION OF THE CITY OF DAYTONA BEACH SHORES OF VOLUSIA COUNTY, FLORIDA, ADOPTING THE TENTATIVE BUDGET FOR FISCAL YEAR 2024-2025; PROVIDING FOR AN EFFECTIVE DATE

SYNOPSIS:

FY 2024-25 Tentative Budget. This is the date set for the first public hearing on the tentative fiscal year 2024-25 budget through the TRIM process. Notices were sent to all property owners by the Property Appraiser noticing date, time, and place of the hearing. The budget was discussed at the budget workshop on July 23, 2024 and increased \$40,900 to \$21,264,600 per commission discussion at the August 27, 2024 meeting to increase the proposed employee flat bi-annual wage increase from \$1.00/hr to \$1.30/hr.

This budget includes the funding of a new capital projects fund for all capital projects over the next five years; 2024-2029. Total anticipated capital projects for FY 2024-25 is \$16,848,600; \$5,245,100 for general fund and \$11,603,600 from the enterprise (sewer) fund with 67% of funding expected from grants, 7% from ad valorem taxes, 2% from sewer revenues, 1% from local opt gas tax, and 22% from reserves.

There are two public hearings, September 9 and 24, 2024 at 6 pm for public comment. C

FISCAL IMPACT STATEMENT:

This is the approval of the tentative fiscal year 2024-25 budget.

BACKGROUND:

There was a public budget workshop on July 23, 2024 setting forth a proposed budget of \$21,223,700. Commission unanimously approved an increase to the proposed employee flat bi-annual wage increase from \$1.00/hr to \$1.30/hr increasing the tentative budget to \$21,264,600 at the August 27, 2024 commission meeting.

This budget includes the funding of a new capital projects fund for all capital projects over the next five years; 2024-2029. Total anticipated capital projects for FY 2024-25 is \$16,848,600; \$5,245,100 for general fund and \$11,603,600 from the enterprise (sewer) fund.

LEGAL REVIEW:

RECOMMENDATION:

Approve Resolution 2024-14 adopting the tentative budget dependent upon Commission action.

SUGGESTED MOTION:

Motion to approve Resolution 2024-14 adopting the tentative budget approved at the budget hearing.

- ATTACHMENT:**
1. Resolution 2024- BUDGET FY 24_25
 2. FY 2024-25 Tentative Budget
 3. FY 2024-25 Capital Improvement Plan.log

RESOLUTION 2024-14

**A RESOLUTION OF THE CITY OF DAYTONA BEACH SHORES
OF VOLUSIA COUNTY, FLORIDA, ADOPTING THE TENTATIVE
BUDGET FOR FISCAL YEAR 2024-2025; PROVIDING FOR AN
EFFECTIVE DATE.**

WHEREAS, the City of Daytona Beach Shores of Volusia County, Florida, on
September 9^h 2024, held a public hearing as required by Florida Statute 200.065; and

WHEREAS, the City of Daytona Beach Shores of Volusia County, Florida, set forth the
appropriations and revenue estimate for the Annual Budget for Fiscal Year 2024-2025 in the
amount of \$21,264,600.

NOW, THEREFORE, BE IT RESOLVED by the City of Daytona Beach Shores of
Volusia County, Florida, that:

1. The Fiscal Year 2024-2025 Final Budget be adopted.
2. This resolution will take effect immediately upon its adoption.

DULY ADOPTED at a public hearing this 9th Day of September 2024.

Time Adopted ____PM

CITY OF DAYTONA BEACH SHORES, FL

NANCY MILLER, MAYOR

KURT SWARTZLANDER, CITY MANAGER

CHERI SCHWAB, CITY CLERK

Approved as to form and legality:

VOSE LAW FIRM

City of Daytona Beach Shores

Tentative Budget

FY 2024-2025



"Life is better here"



CITY COMMISSION

NANCY MILLER, MAYOR

MICHAEL POLITIS, VICE-MAYOR

MARK CARD

CHRIS CONOMOS

STEPHEN DEMBINSKY

Kurt Swartzlander
Cheri Schwab
Stewart Cruz
Lory Irwin
Michael Fowler
Nancy Maddox

City Manager
City Clerk
Community Services Director
Finance Director
Public Safety Director
Community Engagement Director

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City of Daytona Beach Shores
"Life is Better Here"

September 4, 2024

Honorable Mayor Miller, Vice-Mayor, and Members of the City Commission
City of Daytona Beach Shores
Daytona Beach Shores, Florida 32118

The attached document is the proposed budget for the fiscal year 2024 - 2025. It is a comprehensive budget including personal services, operating, and any debt instruments: leases, software as a service, and/or loans. Capital components are found in the Capital Improvement Plan as a separate attachment. These documents meet the provisions of the City Charter, City Code and applicable State Statutes.

The General Fund budget for fiscal year 2024 - 2025 is set at \$21,264,600, including \$2,735,500 in planned transfers from reserves, consisting of: (1) \$127,900 in Fuel Tax Reserves for street projects, (2) \$1,000,000 for a new Fire Truck, and (3) \$1,10700 for Facility Upgrades including \$500,000 towards building an Emergency Operations Center (EOC), and \$1,103,800 in contingency. Contingency is budgeted for unexpected expenses that occur throughout the year including emergencies. All funds are invested throughout the budget year according to city cashflow needs. Any funds not utilized throughout the budget year are returned to reserve status at year end.

SIGNIFICANT BUDGET CHANGES

Beyond the specifics noted above, the following is a list of significant budget changes incorporated into the General Fund budget. These are changes from the current year budget, and that reflect anticipated or known cost increases or decreases for the new year. This list excludes capital items and changes to items that are "bottom line" neutral given that the revenue or expense item is offset by contra account.

- The non-voted tax rate of 4.5880 mills, is unchanged from prior year rate of 4.5880 mills. This is an 8.78% increase over the roll-backed rate of 4.2175 mills.
- A Capital Improvement Fund was created, moving capital items from individual departmental budgets to one all encompassing fund: project, cost, and funding.
 - o Transfer of funds from General Fund: \$3,505,100

- Major Revenue or New Expense Changes:
 - o Staffing and Benefit Costs Increase: \$786,900 [7.8%]
 - o Employee raises consisting of an annual merit plus \$1.30/hour on October 1, 2024 with an additional \$1.30/hour on April 1, 2025.
 - o Employee Health Insurance, potential savings of (\$180,514) [11.44%]
 - o Property & Casualty Insurance Cost Reduction: (\$49,200) [-11.26%]
 - o IT Infrastructure Cost Reduction: (\$149,000) [-18.33%]
 - o Debt Service consists of a new capital lease according to GASB 87

This year's budget includes aggressive strides made by staff to retain current employees and entice new employees to join the Shores' and fill remaining positions. The city has had many positions open over the past year, unable to fill them due to hourly wages and locale. Potential workers (1) Don't want to drive to the east coast of Volusia County for \$15.56/hour when they can get 15.7% higher in their backyard (Bucee's, Target, Chic-Fil-a, etc.), and (2) Public Safety position wages offered by other municipalities start 7.38% higher. To combat the small labor pool, and the proximity to other employment opportunities, and to retain and grow the level of staff necessary to keep our beautiful city safe, clean and at the levels expected of the Shores', staff proposed a merit plus \$1.00/hour rate increase at October 1, 2024 and another mid-year rate increase of \$1.00/hour for all employees. At the July 23, 2024 Budget Workshop Commission discussed other alternatives to staff recommendations; increasing merit to 2.5% to 5.25% and/or increasing the flat hourly rate to \$1.30. At the August 27, 2024 Commission Meeting, Commission unanimously approved increasing the flat hourly rate to \$1.30 while maintaining the original merit rate of 1.71% to 4.84%.

GENERAL FUND REVENUE SUMMARY

Revenues have been estimated at realistic levels and a detailed listing of all revenue sources is shown on page 3 of the attached budget. In summary, the City anticipates receiving revenues from sources as shown below.

<u>REVENUE SOURCE</u>	<u>BUDGET</u>	<u>PERCENT</u>
Non-Voted Ad-Valorem Taxes	10,023,000	47%
Business & Communication Taxes	1,165,800	6%
Franchise Fees & Permits	1,144,600	5%
Intergovernmental	1,798,200	9%
Charges for Services	2,030,700	10%
Fines & Forfeitures	95,000	0%
Misc. Revenues	905,500	4%
Internal Service & Debt Proceeds	1,266,700	6%
Transfers from Fund Balance	2,794,200	13%
TOTAL	21,264,600	

Millage Rates

The budget provides for an ad-valorem tax rate of \$4.5880 per \$1,000 of taxable value, which based on the estimate from the Volusia County Property Appraiser, it is an 8.78% increase above the City's rolled back rate of \$4.2175. The budget estimate for ad-valorem tax proceeds is based on 97.0% of the proceeds derived by the rate of \$4.5880 per \$1,000 taxable valuation. The adjusted certification of taxable value received from the Volusia County Property Appraiser reflects a taxable value of \$2,221,720,136 (an increase of 8.785% over the previous year).

It is estimated that the millage rate will result in \$9,913,900 of non-delinquent property tax revenue.

BUDGET IMPLEMENTATION: STRUCTURE AND SUMMARIES

The General Fund budget is implemented by and through the following organizational structure:

City Commission	Legislative
City Manager	Executive, Finance, Legal, Other Government Services, Community Center, Contingency, & Long-Term Debt
Public Safety	Administration & CID, Patrol/Fire & Rescue, Auto Maintenance, & Information Technology
Community Services	Building & Codes, Planning, Public Works, & Parks & Recreation

The City has four department heads, who are the only persons authorized to make budgetary expenditures. Other employees may make purchasing card transactions under authority granted by these department heads. Below are listed this budget's summaries of planned expenditures, by organization and then by function. Detailed descriptions of all planned expenses are organized by operational department, and may be found throughout the body of this document.

GENERAL FUND SUMMARY OF EXPENDITURES

<u>DEPT/SOURCE</u>	<u>BUDGET</u>	<u>PERCENT</u>
LEGISLATIVE	234,500	1%
EXECUTIVE	828,400	4%
FINANCE	762,100	4%
LEGAL	189,700	1%
PLANNING	147,700	1%
INFORMATION TECHNOLOGY	663,700	3%
OTHER GOVT. SERVICES	59,000	0%
PUBLIC SAFETY	7,423,100	35%
BUILDING/CODE DEPT	756,000	4%
ENVIRONMENT (Incl. Debt)	1,631,200	8%
PUBLIC WORKS	2,000,000	9%

BENEFIT TERM PAYOUT	67,100	0%
ECONOMIC DEVELOPMENT	100,000	0%
PARKS & RECREATION	655,100	3%
COMMUNITY CENTER	830,900	4%
TRANSFERS OUT-CAPITAL	3,505,100	17%
CONTINGENCY	1,103,800	5%
SOFTWARE AS A SERVICE	173,300	1%
LEASES	<u>133,900</u>	<u>0%</u>
TOTAL EXPENDITURES	21,264,600	100%

CATEGORY	<u>BUDGET</u>	<u>PERCENT</u>
PERSONNEL	10,449,100	49%
OPERATIONS	5,888,600	28%
CAPITAL-LEASE	10,800	0%
DEBT SERVICE	307,200	1%
TRANSFERS/CONTNGCY.	<u>4,608,900</u>	<u>22%</u>
TOTAL EXPENDITURES	21,264,600	100%

SEWER ENTERPRISE FUND BUDGET

The Sewer Fund budget consists of three component elements: operating, impact fee, and transfers out to the capital fund. The budget has increased due to the transfer of funds to the Capital Improvement Plan Fund, new for this year. The funds are proceeds from a State Revolving Fund Loan the city is in the process of applying for which has its principal paid, in full, with proceeds from the State Revolving Fund Supplemental Appropriation for Hurricanes Fiona and Ian (SAFHI) which the city has been awarded.

As an enterprise fund, it is used to account for the provision of sewer services, which the City operates as though it were a separate business. Enterprise activities are not dependent on taxes for their operating revenue, and may be operated by the City to generate revenues in excess of expenses to enhance the City's overall financial position.

Sewer Operating Component

SEWER OPERATIONS

		BUDGET PERCENT
REVENUE		
SVC CHG. METER READ	100	0%
GRANTS	10,543,000	46%
SEWER REVENUE	4,739,100	21%
OPERATING INTEREST	215,000	1%
MISCELLANEOUS	0	0%
SRF LOAN PROCEEDS	6,551,700	28%
TRANSFER FR FUND BALANCE	<u>990,700</u>	<u>4%</u>
TOTAL NET REVENUES	23,039,600	100%

SEWER OPERATIONS EXPENSE

PERSONAL SERVICES	399,600	2%
OPERATING EXPENSES	3,528,200	15%
CAPITAL DEPRECIATION	487,000	2%
TRANSFER TO CAPITAL FUND	11,603,500	50%
CONTINGENCY	459,600	2%
BAD DEBT WRITE DOWN	10,000	0%
DEBT SERVICE		
PRINCIPLE & CHARGES	6,551,700	29%
INTEREST PAYMENTS	<u>0</u>	<u>0%</u>
TOTAL EXPENDITURES	23,039,600	100%

By ordinance, the customer sewer rate adjusts annually to the greater of 3.0%, or the CPI, and service charges by service provider cities. This budget incorporates a 10.17% rate increase over last year's budget. This rate is composed of a 2.69% cpi increase and a 5.75% service provider increase. The service provider also had a 5.75% increase in December 2023.

	BUDGET	PERCENT
IMPACT FEE INTEREST	100	1%
SEWER IMPACT FEE	16,000	99%
TRANSFER FROM FUND BALANCE	<u>0</u>	<u>0%</u>
IMPACT FEE REVENUE TOTAL	16,100	100%

SEWER IMPACT FEE EXPENSE

OPERATING EXPENSES	9,600	60%
CAPITAL OUTLAY	0	0%
DEBT SERVICE	0	0%
CONTINGENCY	6,500	40%
TRANSFER TO RESERVES	<u>0</u>	<u>0%</u>
IMPACT FEE EXPENSE TOTAL	16,100	100%

The impact fee rate remains at \$1,642, and was adjusted on April 1, 2024 with Ordinance 2024-03

when the service provider increased their impact fee by \$42.

MANAGEMENT AND BUDGET POLICIES

The 2024-2025 budgets have been prepared in accordance with a number of management and budget policies. Some of the policies are requirements by the City Charter, City Code and State law. Listed below are some of the policies guiding the development and implementation of this budget:

1. Investments - Security is the main objective when investing the City's unencumbered funds. In FY 2021-22 the City adopted investment policies to define this objective. Investment performance is reported monthly to the City Commission.
2. Property Taxes - The City adheres to the "Truth in Millage" state statute governing the determination of millage for taxing authorities. The statute mandates strict adherence to a schedule for advertising and holding public hearings; the size and language in the advertisements; the method of fixing the millage rate; and other requirements.
3. Purchasing -All contracts, when the sum is \$50,000 or less, may be awarded by the City Manager to the highest value (i.e., price and service) bidder. When contracts are expected to exceed \$50,000, the City staff solicits sealed bids through legal ads and DemandStar.com. Bids are publicly opened, tallied, and forwarded to the City Commission with staff recommendations for the award. The City's capital expense threshold is \$10,000.
4. Budget Controls - Control of budgeted expenditures is exercised at the department head level, with purchase orders and associated payments reviewed and executed by the Finance Director. Budget amendments are via commission resolution. Inter-departmental budget transfers are authorized by the City Manager. The Finance Director authorizes intra-departmental budget transfers.
5. Personnel and Payroll - The City is guided by several documents with regard to payroll and personnel matters. These documents include the Job Classification Plan, the approved Pay Plan, and various policies set forth by the City Manager and Employee Handbook.
6. Pension / Defined Contribution Plans - The State of Florida established and manages the Florida Retirement System (FRS), which covers all full-time and part time City employees hired. This does not cover Reserve positions. For the coming year (through 6/30/25) the City will be obligated to contribute 13.63% of regular employees' gross wages, 34.52% of senior manager gross wages, 32.70% of special risk employees' gross wages, and 21.13% of DROP program employee gross wages to the Florida Retirement System. It is expected that these rates will change each July 1st. The City has an established defined contribution retirement plan, administered by the Florida Pension Trust Fund, for employees hired after January 1, 1996, and prior to February 2020 that were unable to participate in the FRS when general employees voted to re-join FRS. For these plans, a contribution rate of 10% of non-charter employees' gross wages is applied for employees who were hired prior to May 1, 2010. A contribution of 6% is applied for such employees after this date. There is one employee in this retirement

program. The average budgeted benefit rate for city retirement contributions is 25.48%.

FINANCIAL POSITION

The 2024-2025 budget as presented is a balanced budget, including the planned contingencies. It is worth noting that although this (and every other budget) is an annual fiscal plan, the financial responsibilities of management extend well beyond annual spending plans to include:

- the control of long-term liabilities and recurring expenses; i.e., insuring that the growth of these costs do not out-pace the growth of supporting revenues;
- the provision for the uninterrupted future availability of current assets;
the avoidance of any structural fiscal imbalance (e.g., spending non-recurring revenues on recurring expenses);
- the duty to run government like a business, i.e., recognizing citizens and business owners as shareholders and taking actions appropriate to the protection of that part of their owner's equity that is based on the safety, attractiveness, and overall desirability of the City's living and business environments.

Overall, the City's financial condition is stable and healthy, as a result of our adherence to meeting the longer-term management responsibilities listed directly above.

This budget is a reliable plan to simultaneously maintain service levels, provide the residents of Daytona Beach Shores with a high value environment, and support the long-term financial stability of their government. The preparation of this budget was made possible through citizen participation, cooperation from all Department Heads, and Commission support in planning the financial operations of the City. I want to take this opportunity to thank everyone involved in the process.

Respectfully,

Kurt Swartzlander
City Manager

REVENUE

CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-25
GENERAL FUND REVENUE BUDGET
GENERAL FUND FUNCTIONAL SUMMARY

Account Description	FY2022-23 Actual	FY2023-24 Amended Bud.	FY2024-25 Budget	Budget Change
Non-Voted Ad-Valorem Taxes*	8,880,485	9,171,000	10,023,000	852,000
Business & Communication Taxes	1,311,298	1,133,700	1,170,800	37,100
Voter Approved Taxes*	1,207	0	0	0
Franchise Fees & Permits	1,270,518	970,600	1,144,600	174,000
Intergovernmental	1,344,836	1,456,200	1,808,200	352,000
Charges For Services	1,910,815	1,951,900	2,005,300	53,400
Fines & Forfeitures	88,478	97,800	105,000	7,200
Misc. Revenues	1,271,542	715,500	905,500	190,000
TOTAL SOURCES	16,079,180	15,496,700	17,162,400	1,665,700
Transfers (In) from Fund Balance	0	3,500,600	2,835,500	(665,100)
Internal Service & Debt Proceeds	1,234,831	1,276,500	1,266,700	(9,800)
TOTAL REVENUE	17,314,011	20,273,800	21,264,600	990,800
Legislative	352,274	206,000	234,500	28,500
Executive	590,112	1,298,400	828,400	(470,000)
Finance	552,525	687,900	762,100	74,200
Legal	140,502	173,300	189,700	16,400
Planning	83,151	125,100	147,700	22,600
Information Technology	0	814,000	663,700	(150,300)
Other Gov't Services	481,690	59,000	59,000	0
Public Safety	6,693,939	7,544,300	7,423,100	(121,200)
Building/Codes	704,853	942,100	756,000	(186,100)
Physical Environment	1,353,267	1,672,900	1,631,200	(41,700)
Public Works	1,316,289	2,442,900	2,000,000	(442,900)
Benefit Term Payout	147,237	48,400	67,100	18,700
Economic Development	126,885	100,000	100,000	0
Parks & Recreation	459,234	2,059,200	655,100	(1,404,100)
Community Center	564,425	671,200	830,900	159,700
TOTAL EXPENDITURES	13,566,383	18,844,700	16,348,500	(2,496,200)
Transfers (Out) To Other Funds	0	0	3,505,100	3,505,100
Contingency	0	1,084,400	1,103,800	19,400
General Debt	0	344,700	307,200	(37,500)
TOTAL APPROPRIATED EXPENDITURES, RESERVES AND BALANCES	13,566,383	20,273,800	21,264,600	990,800

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-25
GENERAL FUND REVENUE BUDGET**

Account Description Based on State Revenue Estimate	GENERAL FUND LINE ITEM REVENUE DETAIL			
	FY2022-23 Actual	FY2023-24 Amended Bud.	FY2024-25 Budget	Budget Change
310-3110-11100 Ad-Valorem	8,703,167	9,102,700	9,913,900	811,200
310-3110-11115 Debt Service Ad-Valorem	0	0	0	0
310-3110-12000 Delinq Ad-Valorem	177,318	68,300	109,100	40,800
310-3110-12001 Delinq Debt-Serv Ad-Valorem	1,207	0	0	0
310-3130-13700 Business Tax Receipts	96,834	98,100	98,000	(100)
310-3130-13750 County Business Tax Rcpt.	4,795	3,800	1,000	(2,800)
310-3140-14100 Utility Tax-Elec 10%	1,009,923	810,000	860,000	50,000
310-3140-14110 Utility Tax-Gas 10%	7,536	11,800	11,800	0
310-3140-14130 Local Comm. Service Tax	192,211	210,000	200,000	(10,000)
320-3220-22100 Building Permits	287,100	200,000	250,000	50,000
320-3220-22110 Electric Permits	29,950	26,000	30,000	4,000
320-3220-22120 Plumbing Permits	32,913	30,000	30,000	0
320-3220-22130 Mechanical Permits	35,144	35,000	35,000	0
320-3220-22135 Excavation Permits	0	200	200	0
320-3220-22140 Plan Review	0	300	300	0
320-3220-22180 Franchise Fee-Elec.	777,671	600,000	700,000	100,000
320-3220-22190 Franchise Fee-Gas	33,332	35,000	35,000	0
320-3220-22200 Francise Fee-Impound	26,719	24,100	24,100	0
320-3220-29000 Other Lic. & Permits	47,689	20,000	40,000	20,000
330-3330-33540 Loc.Opt. 1-6 c Fuel Tax (.02)	111,665	30,000	40,000	10,000
330-3330-33550 Loc.Opt. 1-5 c Fuel Tax (.05) [R]	80,772	20,000	45,000	25,000
330-3340-33460 Public Safety Grants	3,351	0	0	0
330-3340-33470 Local Grant	60,144	130,000	130,000	0
330-3340-33600 FEMA Grant	384,788	651,500	350,000	(301,500)
330-3340-33602 HMGP Grant		0	603,500	603,500
330-3350-34410 FDOT Lighting Maint. Agree	109,456	112,700	112,700	0
330-3350-35120 State Revenue Sharing	195,533	150,000	160,000	10,000
330-3350-35150 Alcohol Bev. License	12,168	12,000	12,000	0
330-3350-35180 Loc.Gov. 1/2 Cent Sales Tax	373,195	345,000	350,000	5,000
330-3350-35410 Muni. Vehicle Rebate	5,138	5,000	5,000	0
330-3350-35490 FDOT Signal Maint Agree	8,626	0	0	0
340-3420-42140 Outside Detail	837	2,500	2,500	0
340-3420-42210 County Fire Protect Contract	65,000	65,000	76,100	11,100
340-3430-43400 Garbage Revenue	1,631,106	1,590,900	1,633,700	42,800
340-3430-43600 Recycling Revenue	109,100	115,200	118,800	3,600
340-3430-43700 Purchasing Card Rebates	40,818	40,000	25,000	(15,000)
340-3440-44400 Rentals	10,372	13,300	13,300	0
340-3470-47200 Parks-Maintenance Fee	24,915	100,000	109,700	9,700
340-3470-47530 Comm. Center Fee	6,748	10,000	10,000	0
340-3470-47532 Comm. Ctr. Rental	21,019	15,000	15,000	0
340-3470-47541 Senior Center Misc.	900	0	1,200	1,200
350-3510-51100 Court Fines	38,176	55,000	55,000	0
350-3510-51300 Police/Fire Education	15,461	12,800	15,000	2,200
350-3510-51600 Investigative Reimburse	17,261	10,000	15,000	5,000
350-3510-51700 Code Enforcement Fines	17,581	20,000	20,000	0

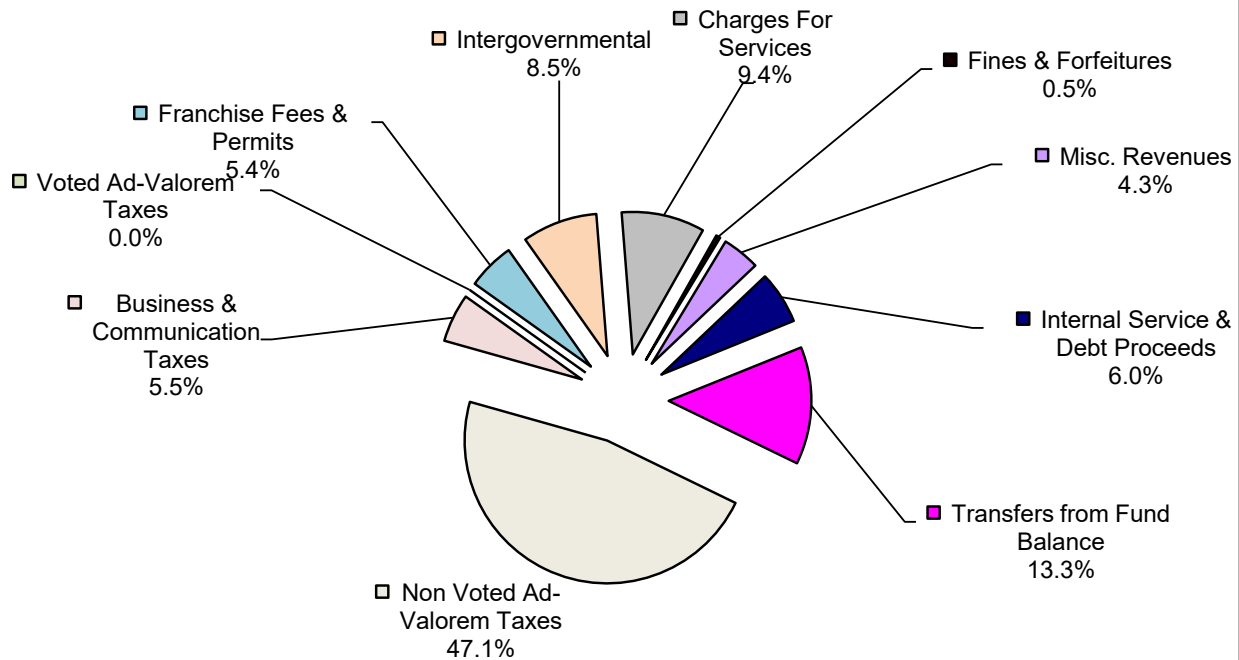
**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-25
GENERAL FUND REVENUE BUDGET**

Account Description Based on State Revenue Estimate	GENERAL FUND LINE ITEM REVENUE DETAIL			
	FY2022-23 Actual	FY2023-24 Amended Bud.	FY2024-25 Budget	Budget Change
360-3610-61000 Pool Cash Interest	66,947	65,000	85,000	20,000
360-3610-61001 Debt Service Millage Interest	0	0	0	0
360-3610-61002 Loan Covenant Reserve Int.	0	0	0	0
360-3610-61200 SBA Operating Interest	27	0	0	0
360-3610-61260 Other Investment Interest	159,672	430,000	0	(430,000)
360-3610-61262 Interest Revenue-Leases	5,566	0	0	0
360-3610-69400 Realized Gain/(Loss)	330,880	0	600,000	600,000
360-3610-69999 Unrealized Gain/(Loss)	227,419	0	0	0
360-3640-64000 Sale of Fixed Assets	11,946	10,000	10,000	0
360-3690-69670 Title Search Fee	7,100	5,500	5,500	0
360-3690-69900 Misc. Revenue	6,276	10,000	10,000	0
360-3690-69910 Insurance Proceeds	455,709	195,000	195,000	0
380-3820-82100 From Sewer Ops (Int.Srv.)	978,000	1,081,900	1,255,900	174,000
380-3841-13800 Debt Proceeds	256,831	194,600	10,800	(183,800)
390-3990-81400 Trans fr Road Imprv Fund Bal	0	188,200	127,900	(60,300)
390-3990-81600 Trans fr Gen Fund Fund Bal		3,312,400	2,707,600	(604,800)
TOTAL GENERAL FUND REVENUE	17,314,011	20,273,800	21,264,600	990,800

GENERAL FUND REVENUE - FUNCTIONAL SUMMARY

Account Description	FY2022-23 Actual	FY2023-24 Amended Bud.	FY2024-25 Budget	Budget Change
Non Voted Ad-Valorem Taxes	8,880,485	9,171,000	10,023,000	852,000
Business & Communication Taxes	1,311,298	1,133,700	1,170,800	37,100
Voted Ad-Valorem Taxes	1,207	0	0	0
Franchise Fees & Permits	1,270,518	970,600	1,144,600	174,000
Intergovernmental	1,344,836	1,456,200	1,808,200	352,000
Charges For Services	1,910,815	1,951,900	2,005,300	53,400
Fines & Forfeitures	88,478	97,800	105,000	7,200
Misc. Revenues	1,271,542	715,500	905,500	190,000
Internal Service & Debt Proceeds	1,234,831	1,276,500	1,266,700	(9,800)
Transfers from Fund Balance	0	3,500,600	2,835,500	(665,100)
TOTAL	17,314,011	20,273,800	21,264,600	990,800

General Fund Revenue Budget Summary



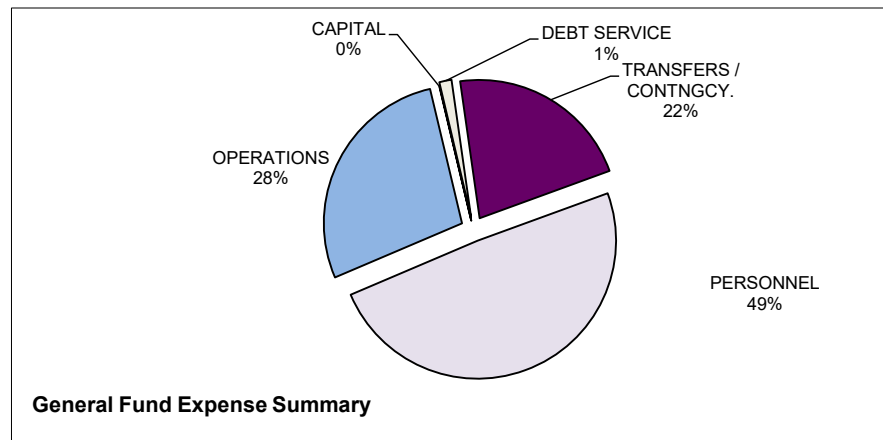
EXPENDITURE

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
GENERAL FUND EXPENDITURES SUMMARY**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	BUDGET CHANGE
5110	LEGISLATIVE	352,274	206,000	234,500	28,500
5120	EXECUTIVE	590,112	1,298,400	828,400	(470,000)
5130	FINANCE	552,525	687,900	762,100	74,200
5140	LEGAL	140,502	173,300	189,700	16,400
5150	PLANNING	83,151	125,100	147,700	22,600
5160	INFORMATION TECHNOLOGY	0	814,000	663,700	(150,300)
5190	OTHER GOVT. SERVICES	481,690	59,000	59,000	0
5210	PUBLIC SAFETY	6,186,248	7,544,300	7,423,100	(121,200)
5240	BUILDING/CODE DEPT	704,853	942,100	756,000	(186,100)
5390	ENVIRONMENT (Incl. Debt)	1,353,267	1,672,900	1,631,200	(41,700)
5410	PUBLIC WORKS	1,316,289	2,442,900	2,000,000	(442,900)
5690	BENEFIT TERM PAYOUT	147,237	48,400	67,100	18,700
5520	INDUSTRY DEVELOPMENT	126,885	100,000	100,000	0
5720	PARKS & RECREATION	459,234	2,059,200	655,100	(1,404,100)
5751	COMMUNITY CENTER	564,425	671,200	830,900	159,700
5800	TRANSFERS OUT-CAPITAL	0	0	3,505,100	3,505,100
5800	CONTINGENCY	0	1,084,400	1,103,800	19,400
5820	GENERAL DEBT	0	344,700	307,200	(37,500)
TOTAL EXPENDITURES		13,058,692	20,273,800	21,264,600	990,800
			0	0	0

PROPOSED BUDGET: SUMMARY BY CATEGORY OF EXPENSE

PERSONNEL	8,297,741	9,662,200	10,449,100	786,900
OPERATIONS	4,138,840	5,678,300	5,888,600	210,300
CAPITAL	622,111	3,504,200	10,800	(3,493,400)
DEBT SERVICE	0	344,700	307,200	(37,500)
TRANSFERS / CONTNGCY.	0	1,084,400	4,608,900	3,524,500
TOTAL EXPENDITURES	13,058,692	20,273,800	21,264,600	990,800



THE CITY OF DAYTONA BEACH SHORES
LEGISLATIVE

Purpose

This component is responsible for the legislative authority of the City.

City Commission Members

Mayor	Nancy Miller
Vice-Mayor Commission	Michael Politis
Member Commission	Mark Card
Member Commission	Chris Conomos
Member	Stephan Dembinsky

Budget Summary

	LEGISLATIVE		
	Current FY	Proposed	Change
Human Resource Expense	\$69,000	\$67,500	(\$1,500)
Operating Expense	137,000	167,000	(10,000)
TOTAL	206,000	234,500	(\$11,500)

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5110-LEGISLATIVE EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REGULAR SALARY	63,076	63,100	61,900	0.3%	(1,200)
21	FICA	4,825	4,800	4,700	0.0%	(100)
22	RETIREMENT	0	0	0	0.0%	0
23	LIFE/HEALTH INSURANCE	0	0	0	0.0%	0
24	WORKER'S COMP.	1,089	1,100	900	0.0%	(200)
TOTAL PERSONAL SERVICES		68,991	69,000	67,500	0.3%	(1,500)
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	0	0	40,000	0.2%	40,000
40	VEHICLE EXPENSE/TRAVEL	12,389	14,900	14,900	0.1%	0
41	COMMUNICATIONS	824	1,700	1,800	0.0%	100
45	GENERAL INSURANCE	1,623	3,000	1,900	0.0%	(1,100)
47	PRINTING	52	400	400	0.0%	0
49	OTHER CHARGES	86,951	106,800	97,400	0.5%	(9,400)
51	OFFICE SUPPLIES	49	500	500	0.0%	0
52	OPERATING SUPPLIES	417	2,700	2,700	0.0%	0
54	BOOKS/MEMBERSHIPS	5,978	7,000	7,400	0.0%	400
TOTAL OPERATING EXPENSES		108,283	137,000	167,000	0.8%	(10,000)
60	CAPITAL OUTLAY					
610	LAND	175,000	0	0	0.0%	0
TOTAL CAPITAL OUTLAY		175,000	0	0	0.0%	0
GRAND TOTAL		352,274	206,000	234,500	1.1%	(11,500)

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5110-LEGISLATIVE EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
10	PERSONAL SERVICES			67,500
10120	REGULAR SALARY		61,900	
	MAYOR			
	COUNCIL MEMBERS (4)			
10210	FICA		4,700	
10220	RETIREMENT		0	
10230	HEALTH		0	
10231	LIFE/VISION/DENTAL/ADD		0	
10240	WORKER'S COMP.		900	
30	OPERATING EXPENSES			167,000
30310	PROFESSIONAL SERVICE		40,000	
	LOBBYING SERVICES	40,000		
30403	VEHICLE EXPENSE/TRAVEL		14,900	
	FLA. LEAGUE CONF. (for 5)	7,000		
	MISC MEETINGS / DINNERS	1,800		
	MISC TRAVEL	4,600		
	VCOG/LEAGUE DINNERS	1,500		
30411	TELEPHONE	1,700	1,700	
30412	POSTAGE	100	100	
30450	GENERAL INSURANCE	1,914	1,900	
30470	PRINTING		400	
	PAPER/BUSINESS CARDS	400		
30490	OTHER CHARGES		97,400	
	CITY MARKETING PROGRAM	29,000		
	COUNCIL MTGS	1,100		
	EMPLOY/CITIZEN RECOGNTN	800		
	FIRST STEP SHELTER	20,000		
	HOPE PLACE	15,000		
	MUSIC LICENSE FEES (BMI, ASCAP)	1,500		
	PO/SD CHAMBER ANNEX	30,000		
30510	OFFICE SUPPLIES	500	500	
30520	OPERATING SUPPLIES	2,700	2,700	
30540	BOOKS/MEMBERSHIP		7,400	
	CONSTANT CONTACT	400		
	FLA LEAGUE OF CITIES	600		
	FLA LEAGUE OF MAYORS	400		
	GREATER CHAMBER	400		
	MISC / QC AD	300		
	PO/SD CHAMBER	400		
	TEAM VOLUSIA BUS. ALLIANCE	3,300		
	V-CARD	400		
	VOL LEAGUE OF CITIES	700		
	VOL. TPO	500		
TOTAL LEGISLATIVE			234,500	234,500

THE CITY OF DAYTONA BEACH SHORES

EXECUTIVE

Purpose

This component is responsible for the day-to-day administration of all affairs of the City. The City Manager is responsible for assuring that all laws, charter provisions, and acts by the City Commission are faithfully executed. In addition, the City Manager directs and supervises all Departments of the City; and appoints and removes all officers and employees.

Staffing totals 3 FTE:

City Manager
City Clerk
Human Resources

Budget Summary

	EXECUTIVE		
	Current FY	Proposed	Change
Human Resource Expense	\$578,900	\$664,400	\$85,500
Operating Expense	219,500	219,500	(55,500)
TOTAL	719,400	828,400	3,000

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5120-EXECUTIVE DEPARTMENT EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	334,366	373,100	411,000	1.9%	37,900
13	OTHER SALARY	4,801	8,400	8,400	0.0%	0
15	SPECIAL PAY	529	13,500	14,100	0.1%	600
21	FICA	24,386	27,600	31,600	0.1%	4,000
22	RETIREMENT	89,133	104,500	141,900	0.7%	37,400
23	LIFE/HEALTH INSURANCE	43,956	44,700	50,000	0.2%	5,300
24	WORKER'S COMP.	6,267	7,100	7,400	0.0%	300
	TOTAL PERSONAL SERVICES	503,438	578,900	664,400	3.1%	85,500
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	870	74,000	12,500	0.1%	(61,500)
34	CONTRACTUAL SERVICES	1,200	3,300	0	0.0%	(3,300)
35	TRAINING	1,744	3,000	5,700	0.0%	2,700
40	VEHICLE EXPENSE/TRAVEL	9,010	15,600	20,400	0.1%	4,800
41	COMMUNICATIONS	23,156	35,600	35,700	0.2%	100
45	GENERAL INSURANCE	13,218	36,700	27,400	0.1%	(9,300)
46	REPAIRS/MAINTENANCE	1,426	5,400	3,000	0.0%	(2,400)
47	PRINTING	12,705	13,500	13,500	0.1%	0
49	OTHER CHARGES	11,125	17,200	30,600	0.1%	13,400
51	OFFICE SUPPLIES	2,814	4,000	4,000	0.0%	0
52	OPERATING SUPPLIES	4,435	6,000	6,000	0.0%	0
54	BOOKS/MEMBERSHIPS	4,971	5,200	5,200	0.0%	0
	TOTAL OPERATING EXPENSES	86,674	219,500	164,000	0.8%	(55,500)
60	CAPITAL OUTLAY					
63	IMPROVEMENTS	0	500,000	0	0.0%	(500,000)
	TOTAL CAPITAL OUTLAY	0	500,000	0	0.0%	(500,000)
	GRAND TOTAL	590,112	1,298,400	828,400	3.9%	(470,000)

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5120-EXECUTIVE DEPARTMENT EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
10	PERSONAL SERVICES			664,400
10120	REGULAR SALARY		411,000	
	CITY MANAGER			
	CITY CLERK			
	HR GENERALIST			
10130	OTHER SALARY		8,400	
10140	OVERTIME		0	
10150	SPECIAL PAY		14,100	
10210	FICA		31,600	
10220	RETIREMENT		141,900	
10230	HEALTH		47,800	
10231	LIFE/VISION/DENTAL/ADD		2,200	
10240	WORKER'S COMP		7,400	
30	OPERATING EXPENSES			164,000
30310	PROFESSIONAL SERVICE		12,500	
	BACKGROUNDS	1,000		
	MISC SERVICES	10,000		
	TESTING	1,500		
30340	CONTRACT SERVICES		0	
30350	TRAINING		5,700	
	FACC CONFERENCE (2)	400		
	FPHRA	700		
	ICCMA/FCCMA CONFERENCES	1,000		
	IIMC CONFERENCE	400		
	SHRM	1,200		
	GREATER CHAMBER	400		
	MISC. SEMINARS	1,600		
30403	TRAVEL		20,400	
	AUTO ALLOWANCES (CM)	8,400		
	MISC. MEET./DINNERS	2,000		
	TRAVEL/PER DIEM CONF.	10,000		
30411	TELEPHONE		27,800	
	TELEPHONE & CELL	27,800		
30412	POSTAGE		7,900	
	MISC POSTAGE	3,500		
	PELICAN	4,400		
30450	GENERAL INSURANCE	27,367	27,400	
30460	REPAIRS/MAINTENANCE		3,000	
	COPIER MAINT. CONTRACTS (2)	3,000		
30470	PRINTING		13,500	
	MISC.	3,500		
	PELICAN	10,000		

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL (Con't)
5120-EXECUTIVE DEPARTMENT EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
30490	OTHER CHARGES		30,600	
	ADVERTISING	21,500		
	FLOWERS/PLAQUES	1,600		
	LUNCH/LEARN/MISC	5,500		
	PRESENTATION MATERIAL	2,000		
30510	OFFICE SUPPLIES		4,000	
	GEN. OFFICE SUPPLIES	4,000		
30520	OPERATING SUPPLIES		6,000	
	MISC. SUPPLIES: shirts, printers	6,000		
30540	BOOKS/MEMBERSHIP		5,200	
	BRIGHTHOUSE	800		
	FACC & FPP; MISC	600		
	FCCMA	500		
	FL MUNI ASSOC SAFETY/HEALTH	100		
	FMASH	100		
	ICCMA	1,000		
	ICMA	1,300		
	MISC. PUBLICATIONS	600		
	NEWS JOURNAL (1)	200		
TOTAL EXECUTIVE DEPT.			828,400	828,400

THE CITY OF DAYTONA BEACH SHORES

FINANCE DEPARTMENT

Purpose

This department is responsible for:

- Long-term financial planning and strategic policy development;
- Banking & treasury management;
- Obtaining financing and managing debt;
- Preparing/managing the City's budgets and audited financial report;
- Managing all city insurances and claim recoveries, including FEMA recoveries;
- Preparing interim financial reports and information requests;
- Maintaining asset records and the efficient disposal of depreciated assets;
- Billing and customer service for sewer accounts and solid-waste services;
- Serving as the City's leasing and collection agent for all leased properties;
- Processing all City AIR and A/P, including purchasing cards.
- Maintaining the City's general ledger, including reconciling and insuring the proper recording and accounting treatments of all financial transactions in accordance with State law;
- Preparing payroll (including employee payroll deduction and retirement programs) and managing such in accordance with IRS regulations; and,
- Processing of personnel benefit requests.

Staffing

Staffing totals 5 FTE:

1-Finance Director
1-Accounting Manager
3-Accounting Clerk I, II, III

Note: Approx. 1/3 of staffing costs shown below are cross-charged to the Sewer Fund.

Budget Summary

	FINANCE		
	Current FY	Proposed	Change
Human Resource Expense	\$479,400	\$552,200	\$72,800
Operating Expense	199,400	209,900	10,500
Lease Expense	9,100	0	(9,100)
TOTAL	687,900	762,100	74,200

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5130-FINANCE DEPARTMENT EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	328,959	315,100	360,600	1.7%	45,500
13	OTHER SALARY	0	0	0	0.0%	0
14	OVERTIME	724	300	400	0.0%	100
15	SPECIAL PAY	0	0	0	0.0%	0
21	FICA	24,297	24,100	27,600	0.1%	3,500
22	RETIREMENT	58,694	60,000	74,300	0.3%	14,300
23	LIFE/HEALTH INSURANCE	73,136	74,400	83,300	0.4%	8,900
24	WORKER'S COMP.	6,528	5,500	6,000	0.0%	500
	TOTAL PERSONAL SERVICES	492,338	479,400	552,200	2.6%	72,800
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	2,400	134,200	134,200	0.6%	0
32	ACCOUNT/AUDIT SERVICES	25,150	26,800	29,600	0.1%	2,800
35	TRAINING	3,044	6,000	5,200	0.0%	(800)
40	VEHICLE EXPENSE/TRAVEL	5,234	2,500	4,700	0.0%	2,200
41	COMMUNICATIONS	1,836	2,700	2,200	0.0%	(500)
44	RENT AND LEASE	1,926	600	2,400	0.0%	1,800
45	GENERAL INSURANCE	6,072	6,100	9,500	0.0%	3,400
46	REPAIRS/MAINTENANCE	0	900	900	0.0%	0
47	PRINTING	1,172	1,000	1,000	0.0%	0
49	OTHER CHARGES	6,122	6,900	8,000	0.0%	1,100
51	OFFICE SUPPLIES	4,212	5,000	5,000	0.0%	0
52	OPERATING SUPPLIES	1,898	4,400	4,700	0.0%	300
54	BOOKS/MEMBERSHIPS	1,121	2,300	2,500	0.0%	200
	TOTAL OPERATING EXPENSES	60,187	199,400	209,900	1.0%	10,500
60	CAPITAL OUTLAY					
64	EQUIPMENT	0	0	0	0.0%	0
65	LEASE	0	9,100	0	0.0%	(9,100)
	TOTAL CAPITAL OUTLAY	0	9,100	0	0.0%	(9,100)
	GRAND TOTAL	552,525	687,900	762,100	3.6%	74,200

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5130-FINANCE DEPARTMENT EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
10	PERSONAL SERVICES			552,200
10120	REGULAR SALARY		360,600	
	FINANCE DIRECTOR			
	ACCOUNTING CLERK SUPERVISOR			
	ACCOUNTING CLERK I, II, III			
10130	OTHER SALARY		0	
10140	OVERTIME		400	
10150	SPECIAL PAY		0	
10210	FICA		27,600	
10220	RETIREMENT		74,300	
10230	HEALTH		79,700	
10231	LIFE/VISION/DENTAL/ADD		3,600	
10240	WORKER'S COMP.		6,000	
30	OPERATING EXPENSES			209,900
30310	PROFESSIONAL SERVICES		134,200	
	OPEB ACTUARY	4,200		
	RESILIENCY STUDY	130,000		
30320	ACCOUNT/AUDIT SERVICES		29,600	
	ANNUAL AUDIT/CAFR	25,100		
	SINGLE AUDIT (Fed &State)	4,500		
30350	TRAINING		5,200	
	Annual FICPA Conference	700		
	GFOA Conference	500		
	FGFOA Conference (2)	1,400		
	FGFOA School of Government (2)	1,400		
	FGFOA Boot Camp	600		
	Quarterly VF FGFOA Meetings (5)	625		
30403	TRAVEL		4,700	
	EOC-Emergency Management	100		
	FGFOA Conference (2)	1,300		
	FGFOA School of Government (2)	1,300		
	FICPA	300		
	GFOA Conference	1,600		
	Quarterly VF FGFOA Meetings (5)	100		
30411	TELEPHONE	1,200	1,200	
30412	POSTAGE	1,000	1,000	
30440	RENTAL/LEASE		2,400	
	CROWN SHREDDING	400		
	PITNEY-BOWES/POSTAGE METER	2,000		
30450	GENERAL INSURANCE	9,489	9,500	
30460	REPAIRS/MAINTENANCE		900	
	COPIER	300		
	FOLDER	300		
	SHREDDER	300		
30470	PRINTING		1,000	
	ANNUAL BUDGET	200		
	CHECKS, ENVELOPES, MISC	600		
	COPIER	200		
30490	OTHER CHARGES		8,000	
	BANK, ACH FEES	7,000		
	MISC.	1,000		
30510	OFFICE SUPPLIES		5,000	
	CHECK PRINTER COVER	100		
	MISC	1,200		
	PAPER	1,700		
	TONER/POSTAGE METER INK	2,000		

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL (Con't)
5130-FINANCE DEPARTMENT EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	
30520	OPERATING SUPPLIES		4,700	
	MISC	3,000		
	UNIFORMS	1,300		
	WATER	400		
30540	PUBLICATIONS/MEMBERSHIPS		2,500	
	AICPA MEMBERSHIP	450		
	BUDGET/ACFR AWARD	1150		
	CGFO	100		
	FGFOA & V/F FGFOA MEM. (5)	125		
	FICPA MEMBERSHIP	400		
	GFOA MEMBERSHIP (2)	300		
TOTAL FINANCE DEPT.			762,100	762,100

THE CITY OF DAYTONA BEACH SHORES

LEGAL

Purpose

This component provides for the provision of legal services costs and related expenditures, including legal settlements and insurance deductibles.

Budget Summary

LEGAL			
	Current FY	Proposed	Change
Human Resource Expense			\$0
Operating Expense	173,300	189,700	16,400
TOTAL	173,300	189,700	16,400

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5140-LEGAL EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	105,000	114,000	122,400	0.6%	8,400
47	PRINTING/CITY ORD.	3,239	2,500	10,000	0.0%	7,500
49	OTHER CHARGES	32,263	56,800	57,300	0.3%	500
	TOTAL OPERATING EXPENSE	140,502	173,300	189,700	0.9%	16,400
	GRAND TOTAL	140,502	173,300	189,700	0.9%	16,400

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5140-LEGAL EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
30	OPERATING EXPENSES			189,700
30313	MISC LEGAL FEES	122,400	122,400	
30470	PRINTING		10,000	
	ORDINANCE CODIFICATIONS	2,500		
30490	OTHER CHARGES		57,300	
	ELECTIONS	5,000		
	LEGAL ADVERTISING	25,000		
	MISC	400		
	RECORDING FEES	1,500		
	SETTLEMNTS/DEDUCTIBLS	25,400		
TOTAL LEGAL			189,700	189,700

THE CITY OF DAYTONA BEACH SHORES

PLANNING

Purpose

This component provides for master planning and development for and relating to the City. Included herein are expenditures for a full-time planner's position and for operations of the Planning and Zoning Board.

Staffing totals **1 FTE:**

City Planner

Budget Summary

	PLANNING		
	Current FY	Proposed	Change
Human Resource Expense	\$102,700	\$122,200	\$19,500
Operating Expense	22,400	25,500	3,100
TOTAL	125,100	147,700	22,600

**CITY OF DATYONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5150-COMPREHENSIVE PLANNING EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	52,498	72,100	82,500	0.4%	10,400
13	OTHER SALARY	0	0	0	0.0%	0
14	OVERTIME	130	0	0	0.0%	0
15	SPECIAL	0	0	3,800	0.0%	3,800
21	FICA	3,499	5,500	6,600	0.0%	1,100
22	RETIREMENT	4,956	8,900	11,200	0.1%	2,300
23	LIFE/HEALTH INSURANCE	14,631	14,900	16,600	0.1%	1,700
24	WORKER'S COMP.	1,654	1,300	1,500	0.0%	200
	TOTAL PERSONAL SERVICES	77,368	102,700	122,200	0.6%	19,500
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	1,160	10,000	10,000	0.0%	0
35	TRAINING	3,263	2,100	5,100	0.0%	3,000
40	VEHICLE EXPENSE/TRAVEL	0	1,400	1,400	0.0%	0
41	COMMUNICATIONS	718	500	500	0.0%	0
47	PRINTING	87	500	500	0.0%	0
52	OPERATING SUPPLIES	306	400	500	0.0%	100
54	BOOKS/MEMBERSHIPS	249	1,500	1,500	0.0%	0
55	PLANNING BOARD	0	6,000	6,000	0.0%	0
	TOTAL OPERATING EXPENSES	5,783	22,400	25,500	0.1%	3,100
	GRAND TOTAL	83,151	125,100	147,700	0.7%	22,600

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5150-COMPREHENSIVE PLANNING EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
10	PERSONAL SERVICES			122,200
10120	REGULAR SALARY		82,500	
	CITY PLANNER			
10130	OTHER SALARY		0	
10140	OVERTIME		0	
10150	SPECIAL		3,800	
10210	FICA		6,600	
10220	RETIREMENT		11,200	
10230	HEALTH		15,900	
10231	LIFE/VISION/DENTAL/ADD		700	
10240	WORKER'S COMP		1,500	
30	OPERATING EXPENSES			25,500
30310	PROFESSIONAL SERVICES		10,000	
	ANNEX MAPPING/ GIS SRVS	7,000		
	ENGINEERING SERVICES	3,000		
30350	TRAINING		5,100	
	AICP EXAM	700		
	CONTINUING ED CLASSES	3,000		
	SEMINARS/ASSOCIATIONS, AICP	1,400		
30403	TRAVEL		1,400	
	SEMINARS/WORKSHOPS	1,400		
30412	POSTAGE	500	500	
30470	PRINTING	500	500	
30520	OPERATING SUPPLIES		500	
	MISC SUPPLY	500		
30540	BOOKS,SUBSCRIP/MEMBER	1,500	1,500	
30550	PLANNING BOARD		6,000	
	HEARINGS/LEGAL EXPENSES	6,000		
TOTAL COMPREHENSIVE PLANNING			147,700	147,700

THE CITY OF DAYTONA BEACH SHORES
INFORMATION TECHNOLOGY

Purpose

This component provides for costs associated with providing information technology to the city. Included herein are the hardware and software costs associated with administering the City's overall network infrastructure.

Staffing totals **2 FTEs**:

1-Information Technology Manager
1-Information Technology Analyst

Budget Summary

	INFORMATION TECHNOLOGY		
	Current FY	Proposed	Change
Human Resource Expense	\$256,100	\$283,600	\$27,500
Operating Expense	372,400	380,100	7,700
Software as a Service	185,500	0	(185,500)
TOTAL	814,000	663,700	(150,300)

**CITY OF DATYONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5160-INFORMATION TECHNOLOGY**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	0	182,500	197,100	0.9%	14,600
13	OTHER SALARY	0	0	0	0.0%	0
14	OVERTIME	0	3,400	6,500	0.0%	3,100
21	FICA	0	14,200	15,600	0.1%	1,400
22	RETIREMENT	0	22,900	27,700	0.1%	4,800
23	LIFE/HEALTH INSURANCE	0	29,800	33,300	0.2%	3,500
24	WORKER'S COMP.	0	3,300	3,400	0.0%	100
	TOTAL PERSONAL SERVICES	0	256,100	283,600	1.3%	27,500
30	OPERATING EXPENSES					
40	VEHICLE EXPENSE/TRAVEL	0	5,000	4,800	0.0%	(200)
41	COMMUNICATIONS	0	54,200	25,000	0.1%	(29,200)
52	OPERATING SUPPLIES	0	313,200	350,000	1.6%	36,800
54	BOOKS/MEMBERSHIPS	0	0	300	0.0%	300
	TOTAL OPERATING EXPENSES	0	372,400	380,100	1.8%	7,700
60	CAPITAL OUTLAY					
65	SOFTWARE AS A SERVICE	0	185,500	0	0.0%	(185,500)
	TOTAL CAPITAL OUTLAY	0	185,500	0	0.0%	(185,500)
	GRAND TOTAL	0	814,000	663,700	3.1%	(150,300)

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5160-INFORMATION TECHNOLOGY**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
10	PERSONAL SERVICES			283,600
10120	REGULAR SALARY		197,100	
	IT DIRECTOR			
	IT ANALYST			
10130	OTHER SALARY		0	
10140	OVERTIME		6,500	
10210	FICA		15,600	
10220	RETIREMENT		27,700	
10230	HEALTH		31,900	
10231	LIFE/VISION/DENTAL/ADD		1,400	
10240	WORKER'S COMP		3,400	
30	OPERATING EXPENSES			380,100
30403	TRAVEL		4,800	
	TRAVEL	4,000		
	REGISTRATION FEES	800		
30411	TELEPHONE		25,000	
	SPECTRUM PS	12,900		
	SPECTRUM CH	9,240		
	T-MOBILE BACKUP INTERNET PS	1,430		
	T-MOBILE BACKUP INTERNET CH	1,430		
30520	OPERATING SUPPLIES		7,000	
	MISC SUPPLY	7,000		
30521	SOFTWARE MAINTENANCE-CH		121,600	
	0365 EA Agreement			
	Activtrak	625		
	Adobe Licensing	2,600		
	Airtame Cloud Plus Annual Maint (IT Mgmt	400		
	Audio/Video Misc	1,000		
	Bluebeam Core-7 Seats (Comm Svcs)	2,200		
	Civic Accessibility Service (Website)	5,000		
	Civic Clerk (Exec)	3,700		
	Civic Clerk Live Meeting Mgmt (Leg)	1,600		
	Civic Engage - City Web Site	10,000		
	Civic Gov (Comm Svcs)	27,000		
	Civic Rec (Comm Center)	4,500		
	CivicOnline Code-Municode (Comm Svcs)	4,000		
	Digital Ocean Video Streaming (IT Mgmt)	700		
	Domain Mnagement (IT Mgmt)	800		
	Epiphan Cloud Streaming Service	1,400		
	ESRI (ARCGIS) Licensing (Comm Svcs)	3,100		
	Guardian Tracking Contract	4,500		
	Just FOIA (Exec)	7,200		
	Lastpass (IT Mgmt)	180		
	Lobby Tools (Leg)	5,500		
	Mobile Device Management Software(IT M	1,700		
	Iworqs	5,000		
	Public Works Ticketing System (Comm Svc	3,400		
	Social Media Archiving			
	Tyler Munis Cloud solution			
	Social Media Archiving	6,100		
	Tyler Recruiting (Exec)	6,400		
	VEEAM 0365 Backup Licenses (130)			
	Tyler Training (Exec)	3,000		
	VMWare (IT Mgmt)	10,000		

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL (Con't)
5160-INFORMATION TECHNOLOGY**

30529	SOFTWARE MAINTENANCE-PS		97,900
	3SI Software (CID)	800	
	AD Audit Plus (IT Mgmt)	2,800	
	AD Audit Plus Azure Plugin (IT Mgmt)	1,000	
	AD Manager Plus Annual Software	3,300	
	Adobe Licensing	2,600	
	CID Software 3SI		
	County RMS System		
	Crossmatch Scanner Contract	1,000	
	Cybercheck - CID	5,100	
	eAgent software	6,300	
	Easeus Partition Software (IT Mgmt)	400	
	Endpoint Central (IT Mgmt)	6,000	
	Event Log Analyzer (IT Mgmt)	1,500	
	Finder software	6,300	
	Fuel Master Software (Fleet)	1,450	
	Genesis Gengeral Diagnostic Comp Sol(m	800	
	Intelligent Video Solutions (CID Cams)	700	
	Interview room software/hardware 9cid0	1,000	
	Jewel Consulting (Power DMS)	1,000	
	Leadsonline Software Annual Maint. (CID)	3,800	
	Manager Plus (Fleet)	2,500	
	Mobile Device Management Software (IT M	1,700	
	Offsite Backup Quest		
	Op Manager (IT Mgmt)	3,950	
	Op Manager Annual NCM Add on		
	Op Manager Storage Monitoring Add On annual Software		
	Opmanager SPM/IPAM Add on Annual Software		
	Power DMS FTO Software	3,500	
	Power DMS Software	7,800	
	Quartermaster Software	11,900	
	Rapid ID software support	500	
	Station Alerting System (County)	10,000	
	Target Solutions Fire/EMS TNG Software	7,600	
	TLO Investigate Software (CID)	2,300	
	Zoho Assist (IT Mgmt)	250	
30523	SOFTWARE ADHOC		5,500
	0365 Backup Licenses	4,000	
	Misc. Software	1,500	
30524	HARDWARE REPAIR & MAINTENANCE-CH		31,500
	Access Control readers and hardware	1,500	
	Computer Repair/Maintenance	1,000	
	Desktop Monitor upgrades	800	
	Desktop Replacements(8)	10,400	
	Laptop Replacements	5,000	
	Misc. AV/Video Equipment	1,500	
	Networking hardware R&R	1,000	
	Plotter Printer (Comm Svcs)	7,300	
	Printer repairs/replacement	1,000	
	Server/storage Hardware R&R	1,000	
	Surveillance Repair and Maint	1,000	
30525	HARDWARE REPAIR & REPLACEMENT-PS		49,900
	Access Control readers and hardware	2000	
	Axon Equipment	5000	
	Computer Repair/Maintenance	1000	

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL (Con't)
5160-INFORMATION TECHNOLOGY**

	Desktop Monitor upgrades	800	
	Desktop Replacements(8)	10,400	
	Laptop Docks/Equipment	2,500	
	Laptop Replacement/Admin	2,500	
	Laptop Replacements/LEO	20,000	
	Misc AV/Video Equipment	1,500	
	Networking hardware R&R	1,200	
	Printer repairs/replacement	1,000	
	Server/Storage Hardware R&R	1,000	
	Surveillance Repair and Maint	1,000	
30526	SECURITY SOFTWARE		24,800
	Antivirus, CrowdStrike	11,000	
	DUO	9,000	
	KnowBe4 Security training	4,800	
30527	HARDWARE MAINTENANCE/SUPPORT-CH		7,600
	Cisco Firepower Mgmt Center	275	
	Cisco Firewall Maintenance	1,875	
	HP Nimble San Maintenance	4,900	
	Tyler Timeclock Maintenance	500	
30528	HARDWARE MAINTENANCE/SUPPORT-PS		4,200
	AMAG SSA Contract	2,000	
	Cisco Firepower Mgmt Center	275	
	Cisco Firewall Maintenance	1,875	
30540	BOOKS,SUBSCRIP/MEMBER		300
	FLGISA MEMBERSHIP DUES	300	
TOTAL INFORMATION TECHNOLOGY			663,700
			663,700

THE CITY OF DAYTONA BEACH SHORES
OTHER GOVERNMENT SERVICES

Purpose

This component provides for costs associated with providing general governmental services, which are not specifically classified within other activity classifications. Included herein are the various City boards, e.g., Code Enforcement Board, and the Beautification Board.

Budget Summary

OTHER GOV'T SERVICES EXPENSE			
	Current FY	Proposed	Change
Human Resource Expense			\$0
Operating Expense	59,000	59,000	0
TOTAL	59,000	59,000	0

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5190-OTHER GOVERNMENT EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
30	OPERATING EXPENSES					
356	COMPUTING NETWORK MAINT	458,785	0	0	0.0%	0
553	CODE ENFORCEMENT MAGISTRATE	3,215	6,000	6,000	0.0%	0
556	CITY BEAUTIFICATION GRANT	3,999	53,000	53,000	0.2%	0
565	CULTURE AND ENTERTAINMENT	15,691	0	0	0.0%	0
	TOTAL OPERATING EXPENSES	481,690	59,000	59,000	0.3%	0
	GRAND TOTAL	481,690	59,000	59,000	0.3%	0

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5190-OTHER GOVERNMENT EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
30	OPERATING EXPENSES			59,000
30553	CODE ENFORCEMENT BOARD		6,000	
30556	CITY BEAUTIFICATION GRANT		53,000	
	Beautification Grants	3,000		
	FPL UTILITY BOX COVER PROGRAM	50,000		
OTHER GOVERNMENT TOTAL			59,000	59,000

THE CITY OF DAYTONA BEACH SHORES

PUBLIC SAFETY

Purpose

This department is responsible for general police administration including patrol and traffic functions, enforcement of City ordinances along with state and federal laws, investigation of crime, enhancement of community relations, and crime prevention activities. In addition, this component is responsible for fire prevention, fire suppression, emergency medical treatment including basic and advanced life-support services with paramedics and emergency medical technicians, public education, and arson investigations within the City.

Staffing

Staffing totals 51.2 FTE:

SWORN

1 - Director
3 - Lieutenants
2 - Detectives
25 - PS Officers
5 - Sergeants

2 - Auto Mechanics
5 - Clerical
1 - Life Coach/Trainer
8.6 - Reserves/OT (FTE)

For this budget presentation, the Public Safety Department is organizationally aligned as shown below:

6 - Administration
36 - Public Safety, CID, & Rescue
2 - Vehicle Maintenance Division

Budget Summary

	PUBLIC SAFETY		
	Current FY	Proposed	Change
Human Resource Expense	\$5,667,100	\$6,044,200	\$367,100
Operating Expense	1,414,200	1,368,100	(46,100)
Leases	0	10,800	10,800
TOTAL	7,081,300	7,423,100	331,800

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
PUBLIC SAFETY SUMMARY**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	2,757,411	3,244,100	3,436,500	16.2%	192,400
13	OTHER SALARY	26,405	0	0	0.0%	0
14	OVERTIME	384,989	485,200	390,500	1.8%	(94,700)
15	SPECIAL PAY	50	33,800	24,900	0.1%	(8,900)
21	FICA	234,180	259,600	280,100	1.3%	20,500
22	RETIREMENT	699,558	947,900	1,114,500	5.2%	166,600
23	LIFE/HEALTH INSURANCE	652,569	640,000	733,000	3.4%	93,000
24	WORKER'S COMP.	56,142	66,500	64,700	0.3%	(1,800)
	TOTAL PERSONAL SERVICES	4,811,304	5,677,100	6,044,200	28.4%	367,100
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	3,342	15,000	15,000	0.1%	0
34	CONTRACTUAL SERVICES	25,916	26,200	18,800	0.1%	(7,400)
35	TRAINING	61,653	130,600	112,100	0.5%	(18,500)
40	VEHICLE EXPENSE/TRAVEL	196,447	210,200	219,100	1.0%	8,900
41	COMMUNICATIONS	30,862	47,900	68,800	0.3%	20,900
43	UTILITIES	99,373	105,800	92,300	0.4%	(13,500)
44	RENT AND LEASE	18,787	35,300	22,600	0.1%	(12,700)
45	GENERAL INSURANCE	150,066	284,200	188,900	0.9%	(95,300)
46	REPAIRS/MAINTENANCE	50,910	77,200	69,600	0.3%	(7,600)
47	PRINTING	3,236	2,000	3,500	0.0%	1,500
49	OTHER CHARGES	4,271	17,500	19,500	0.1%	2,000
51	OFFICE SUPPLIES	8,425	11,400	11,400	0.1%	0
52	OPERATING SUPPLIES	396,792	438,100	512,900	2.4%	74,800
54	BOOKS/MEMBERSHIPS	5,083	12,800	13,600	0.1%	800
	TOTAL OPERATING EXPENSES	1,055,163	1,414,200	1,368,100	6.4%	(46,100)
60	CAPITAL OUTLAY					
64	EQUIPMENT	0	453,000	0	0.0%	(453,000)
645	LEASES	319,781	0	10,800	0.1%	10,800
	TOTAL CAPITAL OUTLAY	319,781	453,000	10,800	0.1%	(442,200)
	GRAND TOTAL	6,186,248	7,544,300	7,423,100	34.9%	(121,200)

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5210-PUBLIC SAFETY ADMIN. EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	788,326	604,900	837,500	3.9%	232,600
13	OTHER SALARY	20,043	0	0	0.0%	0
14	OVERTIME	4,360	4,600	4,600	0.0%	0
15	SPECIAL PAY	0	19,400	11,900	0.1%	(7,500)
21	FICA	58,266	47,600	65,300	0.3%	17,700
22	RETIREMENT	154,429	134,400	220,600	1.0%	86,200
23	LIFE/HEALTH INSURANCE	161,046	119,000	166,500	0.8%	47,500
24	WORKER'S COMP.	14,971	11,100	14,300	0.1%	3,200
	TOTAL PERSONAL SERVICES	1,201,441	941,000	1,320,700	6.2%	379,700
30	OPERATING EXPENSES					
35	TRAINING	5,580	8,500	9,000	0.0%	500
40	VEHICLE EXPENSE/TRAVEL	22,704	51,100	52,300	0.2%	1,200
41	COMMUNICATIONS	17,916	28,100	48,900	0.2%	20,800
43	UTILITY SERVICES	99,373	105,800	92,300	0.4%	(13,500)
44	RENT AND LEASE	336	5,800	2,800	0.0%	(3,000)
45	GENERAL INSURANCE	149,511	151,100	110,500	0.5%	(40,600)
46	REPAIRS/MAINTENANCE	406	1,900	1,500	0.0%	(400)
47	PRINTING	451	1,000	1,500	0.0%	500
49	OTHER CHARGES	4,271	17,500	19,500	0.1%	2,000
51	OFFICE SUPPLIES	4,758	6,400	6,400	0.0%	0
52	OPERATING SUPPLIES	14,057	26,500	24,500	0.1%	(2,000)
54	BOOKS/MEMBERSHIPS	4,215	7,900	8,600	0.0%	700
55	COMPUTING NETWORK	458,785	0	0	0.0%	0
	TOTAL OPERATING EXPENSES	782,363	411,600	377,800	1.8%	(33,800)
60	CAPITAL OUTLAY					
62	BUILDING	0	0	0	0.0%	0
64	EQUIPMENT	0	0	0	0.0%	0
645	LEASES	319,781	0	0	0.0%	0
	TOTAL CAPITAL OUTLAY	319,781	0	0	0.0%	0
	GRAND TOTAL	2,303,585	1,352,600	1,698,500	8.0%	345,900

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5210-PUBLIC SAFETY ADMIN. EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
10	PERSONAL SERVICES			1,320,700
10120	REGULAR SALARY		837,500	
	PUBLIC SAFETY DIRECTOR			
	ADMIN. ASST			
	RECORDS CLERK			
	LIEUTENANT(S)			
	CRIME ANALYST			
	ACCREDITATION/FIRE SUPT.			
10130	OTHER SALARY		0	
10140	OVERTIME		4,600	
10150	SPECIAL PAY		11,900	
10210	FICA		65,300	
10220	RETIREMENT		220,600	
10230	HEALTH		159,400	
10231	LIFE/VISION/DENTAL/ADD		7,100	
10240	WORKER'S COMP.		14,300	
30	OPERATING EXPENSES			377,800
30350	TRAINING		9,000	
	ACCREDITATION CONFERENCES	1,000		
	CAREER DEVELOPMENT	800		
	CEU/MISC TRAINING & BOOKS	700		
	CID TRAINING	800		
	FIRE MARSHALL CONFERENCES	1,000		
	IACP CONFERENCE	500		
	MISC TRAINING	500		
	MISC TRAINING BOOKS	800		
	POLICE CHIEFS CONF	900		
	PROPERTY/EVIDENCE TRAINING	2,000		
30401	GAS/OIL	24,900	24,900	
30402	REPAIRS		13,200	
	1 BATTERY, 1 SET OF TIRES, OIL CHANGES (9)	1,000		
	BRAKE JOBS	400		
	LIGHTS, SIREN-1 VEHICLE	7,000		
	MISCELLANEOUS REPAIRS	4,200		
	TUNEUPS 99)	600		
30403	TRAVEL		14,200	
	ACCREDITATION CONFERENCES	3,000		
	CID CONFERENCES	800		
	FIRE MARSHALL CONF	1,000		
	FLORIDA POLICE CHIEF'S CONFS	2,500		
	IACP CONFERENCE	1,200		
	MISC. SEMINARS/CONFER	4,500		
	WITNESS INTERVIEWS/SUSPECTS	1,200		
30411	TELEPHONE		47,200	
	PHONES/FAX/CABLE	42,700		
	T-MOBILE WIRELESS PHONES	4,500		
30412	POSTAGE	1,700	1,700	
30431	ELECTRIC	81,000	81,000	
30432	WATER		9,500	
	DAYTONA BEACH	3,500		
	PORT ORANGE	6,000		
30434	SEWER	1,800	1,800	
30440	LEASES		2,800	
	COPIER	900		
	MISC. VEH. RENTALS	1,900		
30450	GENERAL INSURANCE	110,540	110,500	
30460	REPAIRS/MAINTENANCE		1,500	
	AMAZON MUSIC	200		
	MISCELLANEOUS	1,000		
	SHREDDER CONTRACT	300		
30470	PRINTING	1,500	1,500	

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL (Con't)
5210-PUBLIC SAFETY ADMIN. EXPENSE**

30490	OTHER CHARGES		19,500
	AWARDS CEREMONY	4,000	
	COMMUNITY OUTREACH	3,500	
	DRUG BUYS/INFORMANT.	5,000	
	RECRUITING	2,000	
	RETIREMENT	2,000	
	TOUR DE FORCE	3,000	
30510	OFFICE SUPPLIES	6,400	6,400
30520	OPERATING SUPPLIES		24,500
	CULLIGAN WATER COOLER	1,000	
	CLOTHING ALLOWS.	5,500	
	EVIDENCE SUPPLS/PROC	6,000	
	MISC. OPERATING/CLEANING	2,500	
	OFFICE CHAIRS/FOLDING CHAIRS	3,500	
	UNIFORMS & CLEANING	6,000	
30540	BOOKS/MEMBERSHIP		8,600
	Assorted Memberships and Subscriptions	1,000	
	Code Books & Updates	3,000	
	FBI Academy Assoc.	120	
	FBI LEEDA	50	
	FLA PAC	650	
	Florida Fire Marshall Assoc.	100	
	Florida Police Chiefs Assoc.	600	
	IAPE	100	
	International Assoc. of Fire Chiefs	100	
	International Police Chiefs Assoc.	190	
	National Directory	200	
	NFPA Subscription Service/Membership	1,800	
	ROCIC	300	
	VCFPA	25	
	Volusia County Fire Chief Assoc/VCFPA	150	
	Volusia County Police Chiefs	200	
TOTAL P.S. ADMIN.		1,698,500	1,698,500

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5211-PUBLIC SAFETY PATROL EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	FY2023-24 BUDGET	FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	1,871,798	2,539,600	2,489,200	11.7%	(50,400)
13	OTHER SALARY	5,513	0	0	0.0%	0
14	OVERTIME	380,629	478,100	383,100	1.8%	(95,000)
15	SPECIAL PAY	50	11,900	13,000	0.1%	1,100
21	FICA	168,761	204,200	206,200	1.0%	2,000
22	RETIREMENT	534,307	800,900	878,600	4.1%	77,700
23	LIFE/HEALTH INSURANCE	460,105	491,200	533,200	2.5%	42,000
24	WORKER'S COMP.	39,430	53,600	48,600	0.2%	(5,000)
	TOTAL PERSONAL SERVICES	3,460,593	4,579,500	4,551,900	21.4%	(27,600)
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	3,342	15,000	15,000	0.1%	0
34	CONTRACTUAL SERVICES	25,000	24,700	17,300	0.1%	(7,400)
35	TRAINING	55,998	121,100	102,100	0.5%	(19,000)
40	VEHICLE EXPENSE/TRAVEL	172,067	157,600	164,100	0.8%	6,500
41	COMMUNICATIONS	12,946	19,800	19,900	0.1%	100
44	RENT AND LEASE	18,451	29,500	19,800	0.1%	(9,700)
45	GENERAL INSURANCE	0	126,500	74,000	0.3%	(52,500)
46	REPAIRS/MAINTENANCE	47,144	66,600	60,000	0.3%	(6,600)
47	PRINTING	2,785	1,000	2,000	0.0%	1,000
51	OFFICE SUPPLIES	3,667	5,000	5,000	0.0%	0
52	OPERATING SUPPLIES	379,871	397,700	466,600	2.2%	68,900
54	BOOKS/MEMBERSHIPS	868	4,900	5,000	0.0%	100
	TOTAL OPERATING EXPENSES	722,139	969,400	950,800	4.5%	(18,600)
60	CAPITAL OUTLAY					
64	EQUIPMENT	507,691	453,000	0	0.0%	(453,000)
645	LEASES	0	0	10,800	0.1%	10,800
	TOTAL CAPITAL OUTLAY	507,691	453,000	10,800	0.1%	(442,200)
	GRAND TOTAL	4,690,423	6,001,900	5,513,500	25.9%	(488,400)

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5211-PUBLIC SAFETY PATROL**

ACCT.#	CATEGORY	DETAIL	LINE ITEM	TOTAL
10	PERSONAL SERVICES			4,551,900
10120	REGULAR SALARY		2,489,200	
	SERGEANTS			
	DETECTIVES			
	OFFICERS/RESCUE			
10130	OTHER SALARY		0	
10140	OVERTIME		383,100	
10150	SPECIAL PAY		13,000	
10210	FICA		206,200	
10220	RETIREMENT		878,600	
10230	HEALTH		510,200	
10231	LIFE/VISION/DENTAL/ADD/CANCER		23,000	
10240	WORKER'S COMP.		48,600	
30	OPERATING EXPENSES			950,800
30310	PROFESSIONAL SERVICES		15,000	
	DRUG SCREENINGS-NEW HIRE (10)	1,000		
	HEPATITIS B VAC.	2,000		
	MISC	1,000		
	MISC DRUG SCREENS	1,000		
	PHYS/EKG/PSYCH EXAMS	4,000		
	PSYCHOLOGICAL EXAMINATIONS	6,000		
30340	CONTRACT SERVICES		17,300	
	CERTIFICATE RENEWALS	1,700		
	COPIER	600		
	OUTSIDE CONTRACT SERVICES	15,000		
30350	TRAINING		100,600	
	Career Development Courses	2,000		
	CID Training & Conferences	5,000		
	Defensive Tactics Instructor	3,000		
	EDGEWATER RANGE	1,000		
	Educational Reimbursement	13,000		
	EVOC/PumpOps/Company Officer training	5,000		
	Fire Inspector CEU	3,000		
	Firearms Instructor Training	5,000		
	Firearms Training/Training Ammo	20,000		
	IA Conference	1,000		
	JIUJITSU TRAINING	12,000		
	Less lethal training/TRAINING AMMO	1,000		
	Misc. Training Expenses	19,000		
	Motors Training	1,000		
	Paramedic and EMT Re-Certification	1,100		
	Police & Fire Related Courses, Books, Seminars	1,000		
	SIMUNITIONS AMMUNITION	2,000		
	Tactical Team training	4,000		
	TRT Rope Rescue	1,500		
30351	PSO FIRE TRAINING	1,500	1,500	
30401	GAS/OIL	65,100	65,100	
30402	REPAIRS		81,500	
	CONTRACT CAR WASH	9,000		
	CONTROL SYSTEM	1,500		
	GEN.REPAIR/MAINT	65,000		
	MOTORCYCLE EQUIP	2,000		
	REAR CARGO BOX AREA LOCK BOX	2,000		
	WHELEN LIGHT & SIREN PACKAGE	2,000		
30403	TRAVEL		17,500	
	CID- Travel to Seminars, Court and Conferences	9,000		
	Fire Marshal - Travel to Conferences	3,500		
	Patrol -Travel to Seminars, Court and Conferences	5,000		
30411	TELEPHONE		19,900	
	T-MOBILE	19,900		

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL (CON'T)
5211-PUBLIC SAFETY PATROL**

30440	LEASES		19,800
	D.B. HYDRANTS	7,500	
	P.O. HYDRANTS	12,300	
30450	GENERAL INSURANCE	74,003	74,000
30460	REPAIRS/MAINTENANCE		60,000
	02 System Maintenanc/hydro tests	5,000	
	Bio Hazard Disposal	2,000	
	Bunker Gear cleaning	1,000	
	Fire Extinguisher service	400	
	Hose Monster Bundle-hydrant flow test kit	4,000	
	HYDRO TEST SCBA BOTTLES	2,000	
	Ladder repair & labels	1,000	
	Maintenance Contract for Radios	5,000	
	Mako Compressor Maintenance & Repairs	4,000	
	Medical Equipment	800	
	Meth lab cleanup	6,000	
	Misc. Services/Repairs	2,300	
	MSA Annual flow tests/repairs	3,000	
	Pump, Ladder & Hose Testing	6,000	
	Radar Units (Calibrate 2 times/year-repairs)	2,000	
	Radio and Light Bars not included in Maintenance Cor	1,000	
	Radio Profile Update 80 @ \$34.00 each	3,000	
	Recertify intox simulators	3,500	
	TNT/Edraulic/strong arm servicing	2,000	
	Weapon maintenance & replacement parts	2,000	
	Zoll Tech Support 2 life paks	4,000	
30470	PRINTING		2,000
	REPORTS/FORMS/ETC...	2,000	
30510	OFFICE SUPPLIES	5,000	5,000
30520	OPERATING SUPPLIES		466,600
	2 Replacement chairs	1,000	
	AED 10 @1800 EACH	18,000	
	Badges	1,500	
	Bail out kits	30,000	
	Ballistic Shields 2 @\$3000 each	6,000	
	Ballistic Vests 6 @\$1200 each	7,200	
	Breaching Equipment	6,000	
	Bunker gear 10 sets @ \$6000 Each	60,000	
	CID duty gear & equipment	2,000	
	Culligan Water	1,200	
	Decon Equipment	1,000	
	Dehumidifier	400	
	Drug Test Kits	1,500	
	Duty Ammo	5,000	
	Duty gear	4,500	
	Electronic Evidence Management Equipment	500	
	EMS BAGS 20 @ \$500 EACH	10,000	
	EMS storage cabinets	2,000	
	Evidence/crime scene supplies/equipment	6,000	
	Fire Extinguishers	2,500	
	FIRE GEAR BAGS 30 @ \$100 EACH	3,000	
	Fire gloves/hoods/helmets/boots/misc accessories	20,000	
	Fire Inspector Tools & equipment	1,000	
	Handcuffs 40 @ \$100. ea.	4,000	
	Handtevy	3,250	
	Hearing & Eye Protection	300	
	Honor Guard uniforms & equipment	2,000	
	Load Bearing outer carriers 25 @ 325. each	8,100	
	Medical Supplies	60,000	

**FISCAL YEAR 2024-2054 BUDGET
DEPARTMENTAL BUDGET DETAIL (CON'T)
5211-PUBLIC SAFETY PATROL**

	Miscellaneous Equipment	3,000		
	Miscellaneous Supplies & Tools	3,500		
	Mobile Radios 5 @ \$8700. ea.	43,500		
	Oxygen Fill Station	400		
	Personnel Rehab Equipment 2 @250. each	500		
	Portable Hose Racks	3,000		
	Portable Radios 5 @ \$6480. ea.	32,400		
	Quiqlite X Rechargeable Clip light 40 @ \$100. ea.	4,000		
	Radios/Antennas/Batteries/microphones/Chargers	3,500		
	Rescue & Utility Rope	1,000		
	SCBA Masks	8,000		
	Signage	2,500		
	Stalker Radar units 5 @ \$2300	11,500		
	Tactical Equipment	20,000		
	Tint Meters 15 @ \$90. ea.	1,400		
	Tools, Hose & Foam	12,000		
	Tourniquets 35 @ \$38.99 ea.	1,400		
	TRT Rope Rescue	1,000		
	Uniforms & Cleaning/Motor gear	46,000		
30540	BOOKS/MEMBERSHIP		5,000	
	50 Florida Law Enforcement Handbooks @ \$47.00 ea	2,600		
	Florida State Statutes	700		
	IAFCI Certification	450		
	IAFCI Membership	110		
	Misc Publications/Memberships	900		
	SWAT membership	250		
60	CAPITAL OUTLAY			10,800
60645	LEASES		10,800	
	AXON (2 CARS)	10,800		
	TOTAL P.S. PATROL DEPARTMENT		5,513,500	5,513,500

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5213-PUBLIC SAFETY- AUTO MAINTENANCE EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	97,287	99,600	109,800	0.5%	10,200
13	OTHER SALARY	849	0	0	0.0%	0
14	OVERTIME	0	2,500	2,800	0.0%	300
15	SPECIAL PAY	0	2,500	0	0.0%	(2,500)
21	FICA	7,153	7,800	8,600	0.0%	800
22	RETIREMENT	10,822	12,600	15,300	0.1%	2,700
23	LIFE/HEALTH INSURANCE	31,418	29,800	33,300	0.2%	3,500
24	WORKER'S COMP.	1,741	1,800	1,800	0.0%	0
	TOTAL PERSONAL SERVICES	149,270	156,600	171,600	0.8%	15,000
30	OPERATING EXPENSES					
34	CONTRACTUAL SERVICES	916	1,500	1,500	0.0%	0
35	TRAINING	75	1,000	1,000	0.0%	0
40	VEH EXP/TRAVEL	1,676	1,500	2,700	0.0%	1,200
43	UTILITY SERVICES	0	0	0	0.0%	0
44	RENT/LEASE	0	0	0	0.0%	0
45	GENERAL INSURANCE	555	6,600	4,400	0.0%	(2,200)
46	REPAIRS/MAINT.	3,360	8,700	8,100	0.0%	(600)
52	OPERATING SUPPLIES	2,864	13,900	21,800	0.1%	7,900
	TOTAL OPERATING EXPENSES	9,446	33,200	39,500	0.2%	6,300
	GRAND TOTAL	158,716	189,800	211,100	1.0%	21,300

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5213-PUBLIC SAFETY- AUTO MAINTENANCE EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
10	PERSONAL SERVICES			171,600
10120	REGULAR SALARY		109,800	
	MECHANICS (2)			
10130	OTHER SALARY			
10140	OVERTIME		2,800	
10150	SPECIAL PAY		-	
10210	FICA		8,600	
10220	RETIREMENT		15,300	
10230	HEALTH		31,900	
10231	LIFE/VISION/DENTAL/ADD		1,400	
10240	WORKER'S COMP.		1,800	
30	OPERATING EXPENSES			39,500
30340	CONTRACT SERVICES		1,500	
	UNIFORM RENTAL	1,500		
30350	TRAINING	1,000	1,000	
30401	GAS/OIL	1,000	1,000	
30402	REPAIRS	500	500	
	1 BATTERY, TIRES, TUNEUP, BRAKE JOB			
30403	TRAVEL	1,200	1,200	
30450	GENERAL INSURANCE	4,400	4,400	
30460	REPAIRS/MAINTENANCE		8,100	
	FUEL & OIL SPILL CLEANUP KITS	300		
	GENERATOR MAINTENANCE	1,850		
	MISCELLANEOUS REPAIRS	1,400		
	TIRE DISPOSAL	500		
	TIRE MACHINE REPAIRS	4,000		
30520	OPERATING SUPPLIES		21,800	
	AIR HOSE WITH REELS	500		
	DISPOSE OF HAZ. WASTE	1,200		
	HAND TOOL	2,600		
	MISC TOOLS/EQUIP./SOFTWR	3,700		
	REPLACEMENT TOOL CHEST	3,000		
	TWIN POST LIFT & INSTALLATION	9,300		
	10 TON FLOOR JACK	1,500		
TOTAL AUTOMOBILE MAINT. DEPT.			211,100	211,100

THE CITY OF DAYTONA BEACH SHORES

BUILDING AND CODES

Purpose

This component is responsible for providing public safety inspection services relevant to the issuance of licenses, permits and certificates, and for managing the City's code enforcement program.

Staffing

Staffing totals 5 FTE:

2 - Building Inspectors
2 - Permit Clerk
1 - Code Enforcement Coordinator

Budget Summary

	BUILDING & CODES		
	Current FY	Proposed	Change
Human Resource Expense	\$550,100	\$528,700	(\$21,400)
Operating Expense	167,000	227,300	60,300
TOTAL	717,100	756,000	38,900

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5240-BUILDING AND CODES EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	459,554	377,900	354,000	1.7%	(23,900)
13	OTHER SALARY	6,887	0	0	0.0%	0
14	OVERTIME	1,636	2,000	3,200	0.0%	1,200
15	SPECIAL PAY	65	15,000	5,900	0.0%	(9,100)
21	FICA	35,301	29,100	27,800	0.1%	(1,300)
22	RETIREMENT	70,308	45,000	48,500	0.2%	3,500
23	LIFE/HEALTH INSURANCE	86,941	74,400	83,300	0.4%	8,900
24	WORKER'S COMP.	8,008	6,700	6,000	0.0%	(700)
	TOTAL PERSONAL SERVICES	668,700	550,100	528,700	2.5%	(21,400)
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	9,549	2,300	2,300	0.0%	0
34	CONTRACT SERVICES	0	116,000	177,000	0.8%	61,000
35	TRAINING	2,629	11,000	8,000	0.0%	(3,000)
40	VEHICLE EXPENSE/TRAVEL	4,985	11,500	17,000	0.1%	5,500
41	COMMUNICATIONS	3,066	2,500	4,600	0.0%	2,100
44	RENT AND LEASE	0	0	0	0.0%	0
46	REPAIRS/MAINTENANCE	4,564	6,500	2,400	0.0%	(4,100)
47	PRINTING	399	500	500	0.0%	0
51	OFFICE SUPPLIES	1,999	2,500	3,000	0.0%	500
52	OPERATING SUPPLIES	8,672	10,900	9,200	0.0%	(1,700)
54	BOOKS/MEMBERSHIPS	290	3,300	3,300	0.0%	0
	TOTAL OPERATING EXPENSES	36,153	167,000	227,300	1.1%	60,300
60	CAPITAL OUTLAY					
64	EQUIPMENT	0	225,000	0	0.0%	(225,000)
	TOTAL CAPITAL OUTLAY	0	225,000	0	0.0%	(225,000)
	GRAND TOTAL	704,853	942,100	756,000	3.6%	(186,100)

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5240-BUILDING AND CODES EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
10	PERSONAL SERVICES			528,700
10120	REGULAR SALARY		354,000	
	CHIEF BLDG. OFFICIAL			
	DPTY DIRECTOR BLDG/CODES			
	CODE ENFORCE OFFICIAL			
	PERMIT TECHNICIAN (2)			
10130	OTHER SALARY		0	
10140	OVERTIME		3,200	
10150	SPECIAL PAY		5,900	
10210	FICA		27,800	
10220	RETIREMENT		48,500	
10230	HEALTH		79,700	
10231	LIFE/VISION/DENTAL/ADD		3,600	
10240	WORKER'S COMP.		6,000	
30	OPERATING EXPENSES			227,300
30310	PROFESSIONAL SERVICES		2,300	
	PLAN REVIEWS (revenue linked)	300		
	SURVEYORS,ENGINEER	2,000		
30340	CONTRACT SERVICES		177,000	
	BUILDING INSPECTION/PLAN REVIEW	177,000		
30350	TRAINING		8,000	
	CONFERENCES	2,600		
	CONT. ED CLASSES	800		
	PROFESSIONAL SEMINAR	4,600		
30401	GAS/OIL	10,000	10,000	
30402	VEHICLE REPAIRS	3,300	3,300	
30403	TRAVEL		3,700	
	CONFERENCE/WORKSHOPS	3,700		
30411	TELEPHONE	1,600	1,600	
30412	POSTAGE	3,000	3,000	
30460	REPAIRS/MAINTENANCE		2,400	
	MISC REPAIRS	900		
	COPIER MAINT.	1,500		
30470	PRINTING		500	
	PRINTING/BINDING	500		
30510	OFFICE SUPPLIES		3,000	
	MISC. SUPPLIES	3,000		
30520	OPERATING SUPPLIES		9,200	
	CITY SHIRTS	1,000		
	INSPECTOR PHONE	1,700		
	MISC. SUPPLIES	5,000		
	SCANNING	1,000		
	TOOLS	500		
30540	BOOKS/MEMBERSHIP		3,300	
	INTERNATIONAL CODE BOOKS	800		
	MISC MEMBERSHIPS, BOOKS	2,500		
TOTAL BUILDING DEPT. EXPENSE			756,000	756,000

THE CITY OF DAYTONA BEACH SHORES

PUBLIC WORKS DEPARTMENT

Purpose

This department is responsible for maintaining and repairing the City's real property, along with providing special event and ancillary services. The Community Services Director position is in this account which also has supervisory authority over the Planning and Building and Codes Department. Some services and staff are cross-charged to the Sewer fund.

Staffing

Staffing totals 13 FTE:

- 1 – Community Services Director
- 1 – Deputy of Public Works
- 1 – Administrative Assistant
- 1 – Maintenance Supervisor
- 1 - Electrician
- 6 - Maintenance Workers
- 2 - Building Maintenance

The Public Works Department is organizationally aligned as shown below:

Facilities Division:

- 3 - Administration
- 2 - Building Maintenance
- 8 - Streets

Budget Summary

	PUBLIC WORKS		
	Current FY	Proposed	Change
Human Resource Expense	\$1,097,500	\$1,200,400	\$102,900
Operating Expense	718,200	799,700	81,400
TOTAL	1,815,700	2,000,000	184,300

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
PUBLIC WORKS EXPENSE SUMMARY**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	542,117	699,900	765,200	3.6%	65,300
13	OTHER SALARY	2,819	0	0	0.0%	0
14	OVERTIME	3,006	10,100	11,000	0.1%	900
15	SPECIAL PAY	100	12,700	0	0.0%	(12,700)
21	FICA	40,374	55,200	60,300	0.3%	5,100
22	RETIREMENT	63,141	112,600	133,700	0.6%	21,100
23	LIFE/HEALTH INSURANCE	162,877	194,400	217,100	1.0%	22,700
24	WORKER'S COMP.	9,487	12,600	13,100	0.1%	500
	TOTAL PERSONAL SERVICES	823,921	1,097,500	1,200,400	5.6%	102,900
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	0	100	100	0.0%	0
34	CONTRACTUAL SERVICES	28,421	73,400	74,600	0.4%	1,200
35	TRAINING	2,750	10,500	17,500	0.1%	7,000
40	VEHICLE EXPENSE/TRAVEL	23,785	21,100	24,800	0.1%	3,700
41	COMMUNICATIONS	4,412	7,500	6,100	0.0%	(1,400)
43	UTILITY SERVICES	78,098	81,400	79,700	0.4%	(1,700)
44	RENT AND LEASE	15,510	38,800	32,500	0.2%	(6,300)
45	GENERAL INSURANCE	32,675	70,700	53,300	0.3%	(17,400)
46	REPAIRS/MAINTENANCE	193,287	351,000	424,900	2.0%	73,900
47	PRINTING	219	500	500	0.0%	0
49	OTHER	0	2,800	2,800	0.0%	0
51	OFFICE SUPPLIES	1,458	2,000	2,000	0.0%	0
52	OPERATING SUPPLIES	39,325	57,700	80,100	0.4%	22,400
54	BOOKS/MEMBERSHIPS	440	700	700	0.0%	0
	TOTAL OPERATING EXPENSES	420,380	718,200	799,600	3.8%	81,400
60	CAPITAL OUTLAY					
63	OTHER IMPROVEMENTS	33,000	553,200	0	0.0%	(553,200)
64	EQUIPMENT	38,988	74,000	0	0.0%	(74,000)
	TOTAL CAPITAL OUTLAY	71,988	627,200	0	0.0%	(627,200)
	GRAND TOTAL	1,316,289	2,442,900	2,000,000	9.4%	(442,900)

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5410-PUBLIC WORKS ADMINISTRATION EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	139,796	275,300	300,100	1.4%	24,800
13	OTHER SALARY	2,514	0	0	0.0%	0
14	OVERTIME	762	0	0	0.0%	0
15	SPECIAL PAY	0	12,700	0	0.0%	(12,700)
21	FICA	10,643	22,000	23,800	0.1%	1,800
22	RETIREMENT	18,126	59,000	69,000	0.3%	10,000
23	LIFE/HEALTH INSURANCE	30,370	44,700	50,000	0.2%	5,300
24	WORKER'S COMP.	2,785	5,100	5,300	0.0%	200
	TOTAL PERSONAL SERVICES	204,996	418,800	448,200	2.1%	29,400
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	0	100	100	0.0%	0
34	CONTRACTUAL SERVICES	448	0	0	0.0%	0
35	TRAINING	378	4,200	3,200	0.0%	(1,000)
40	VEHICLE EXPENSE/TRAVEL	5,573	6,900	6,900	0.0%	0
41	COMMUNICATIONS	4,412	7,500	6,100	0.0%	(1,400)
45	GENERAL INSURANCE	32,675	70,700	53,300	0.3%	(17,400)
46	REPAIRS/MAINTENANCE	1,789	2,800	2,100	0.0%	(700)
47	PRINTING	219	500	500	0.0%	0
49	OTHER	0	2,800	2,800	0.0%	0
51	OFFICE SUPPLIES	1,458	2,000	2,000	0.0%	0
52	OPERATING SUPPLIES	1,572	4,400	4,100	0.0%	(300)
54	BOOKS/MEMBERSHIPS	440	700	700	0.0%	0
	TOTAL OPERATING EXPENSES	48,964	102,600	81,800	0.4%	(20,800)
	GRAND TOTAL	253,960	521,400	530,000	2.5%	8,600

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5410-PUBLIC WORKS ADMINISTRATION EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
10	PERSONAL SERVICES			448,200
10120	REGULAR SALARY		300,100	
	DIRECTOR OF COMMUNITY SERVICE			
	DEPUTY DIRECTOR OF PUBLIC WORKS			
	ADMINISTRATIVE ASSISTANT			
10130	OTHER SALARY		-	
10140	OVERTIME		-	
10150	SPECIAL PAY		-	
10210	FICA		23,800	
10220	RETIREMENT		69,000	
10230	HEALTH		47,800	
10231	LIFE/VISION/DENTAL/ADD		2,200	
10240	WORKER'S COMP.		5,300	
30	OPERATING EXPENSES			81,800
30310	PROFESSIONAL SERVICES		100	
	EMPLOYMED	100		
30350	TRAINING		3,200	
	APWA CONFERENCES	2,700		
	CONFERENCE/SEMINARS	500		
	CONT ED CLASSES UCF	-		
30401	GAS/OIL	3,500	3,500	
30402	REPAIRS		1,400	
	MISC. REPAIRS	1,400		
30403	TRAVEL		2,000	
	APWA CONFERENCE	1,000		
	CONF/WORKSHOPS	1,000		
30411	TELEPHONE		5,200	
	CELL PHONES-6	6,800		
	TELEPHONE	5,200		
30412	POSTAGE	900	900	
30450	GENERAL INSURANCE	53,298	53,300	
30460	REPAIRS/MAINTENANCE		2,100	
	800 MHZ RADIO/BASE ST.	200		
	COPIER MAINTENANCE	900		
	IWORQS SOFTWARE MAINT	-		
	MISC. MAINTENANCE	1,000		
30470	PRINTING	500	500	
30490	OTHER CHARGES		2,800	
	EDUCATION & TRAINING	800		
	NPDES OUTFALL MAPPING	2,000		
30510	OFFICE SUPPLIES	2,000	2,000	
30520	OPERATING SUPPLIES		4,100	
	CLOTHING/UNIFORMS	1,000		
	GEN OPER. SUPPLIES	1,800		
	REFRIGERATOR	1,300		
30540	BOOKS/MEMBERSHIP	700	700	
TOTAL PUBLIC WORKS ADMIN EXPENSE			530,000	530,000

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5412-PUBLIC WORKS BUILDING MAINT. EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	52,049	77,300	85,300	0.4%	8,000
13	OTHER SALARY	305	0	0	0.0%	0
14	OVERTIME	23	2,800	3,100	0.0%	300
15	SPECIAL PAY	0	0	0	0.0%	0
21	FICA	3,941	6,100	6,800	0.0%	700
22	RETIREMENT	5,843	9,900	12,000	0.1%	2,100
23	LIFE/HEALTH INSURANCE	15,315	30,000	33,500	0.2%	3,500
24	WORKER'S COMP.	783	1,400	1,400	0.0%	0
	TOTAL PERSONAL SERVICES	78,259	127,500	142,100	0.7%	14,600
30	OPERATING EXPENSES					
34	CONTRACTUAL SERVICES	21,816	49,200	54,100	0.3%	4,900
43	UTILITY SERVICES	28,604	29,000	28,800	0.1%	(200)
46	REPAIRS/MAINTENANCE	121,386	142,900	197,500	0.9%	54,600
52	OPERATING SUPPLIES	4,473	17,800	16,000	0.1%	(1,800)
	TOTAL OPERATING EXPENSES	176,279	238,900	296,400	1.4%	57,500
	GRAND TOTAL	299,263	711,400	438,500	2.1%	(272,900)

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5412-PUBLIC WORKS BUILDING MAINT. EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
10	PERSONAL SERVICES			142,100
10120	REGULAR SALARY		85,300	
	BUILDING MAINTENANCE (2)			
10130	OTHER SALARY		0	
10140	OVERTIME		3,100	
10150	SPECIAL PAY		0	
10210	FICA		6,800	
10220	RETIREMENT		12,000	
10230	HEALTH		31,900	
10231	LIFE/VISION/DENTAL/ADD		1,600	
10240	WORKER'S COMP.		1,400	
30	OPERATING EXPENSES			296,400
30340	CONTRACT SERVICES		54,100	
	5 Y FIRE SPRINKLER TESTS	1,800		
	ALARM MONITORING	2,800		
	ANNUAL FIRE EXTINGUISHER SERVICE	2,800		
	ELECTRIC CONTRACTOR	16,500		
	ELEVAT'R MAINT. (3) [CH,PS-2]	10,000		
	FIRE ALARM INSPECTIONS	3,600		
	FUEL TANK CLEANING	3,500		
	GARAGE DOOR MAINTENANCE	2,800		
	PEST CONTROL	7,000		
	UNIFORM CLEANING	3,300		
30431	ELECTRIC	20,600	20,600	
30432	WATER	7,700	7,700	
30434	SEWER	500	500	
30462	EXECUTIVE		65,500	
	ADA IMPROVEMENTS	11,000		
	ELECTRICAL REPAIRS	12,000		
	ELEVATOR CODE UPGRADE	30,000		
	GENERATOR REPAIRS	1,000		
	INTERIOR LIGHTING CONVERSION	1,500		
	MISCELLANEOUS BLDG REPAIRS	5,000		
	SEALING/PRESSURE CLEANING	5,000		
30463	COMMUNITY CENTER		45,000	
	MISC. BUILDING REPAIRS	15,000		
	FIRST FLOOR PAINTING	30,000		
30465	PUBLIC SAFETY		54,500	
	MISC BUILDING REPAIRS	45,000		
	SALLY PORT DOOR REPAIR	2,000		
	SIGN REPAIR	3,500		
	WEIGHT ROOM CLEANING	4,000		
30467	URGENT CARE BUILDING		2,000	
	GENERAL BUILDING MAINT/REPAIRS	2,000		
30468	FACILITIES-C/S BLG		30,500	
	GARAGE DOOR REPAIRS	5,000		
	EXTERIOR LIGHTING	2,500		
	FANS	5,000		
	MAINTENANCE HARDWARE	3,000		
	MISC. REPAIRS AT COMPLEX	5,000		
	STUCCO REPAIR	10,000		
30520	OPERATING SUPPLIES		16,000	
	AIR CONDITIONING FILTERS	5,000		
	MAINT. TOOLS/SUPPLIES/RADIO MAINT	7,500		
	MISC. TRAINING	2,000		
	MISC SUPPLIES	1,500		
TOTAL BUILDING MAINT EXPENSE			438,500	438,500

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5413-PUBLIC WORKS STREETS EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	350,272	347,300	379,800	1.8%	32,500
13	OTHER SALARY	0	0	0	0.0%	0
14	OVERTIME	2,221	7,300	7,900	0.0%	600
15	SPECIAL PAY	100	0	0	0.0%	0
21	FICA	25,790	27,100	29,700	0.1%	2,600
22	RETIREMENT	39,172	43,700	52,700	0.2%	9,000
23	LIFE/HEALTH INSURANCE	117,192	119,700	133,600	0.6%	13,900
24	WORKER'S COMP.	5,919	6,100	6,400	0.0%	300
	TOTAL PERSONAL SERVICES	540,666	551,200	610,100	2.9%	58,900
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	0	0	0	0.0%	0
34	CONTRACTUAL SERVICES	6,157	24,200	20,500	0.1%	(3,700)
35	TRAINING	2,372	6,300	14,300	0.1%	8,000
40	VEH EXP./TRAVEL	18,212	14,200	17,900	0.1%	3,700
43	UTILITY SERVICES	49,494	52,400	50,900	0.2%	(1,500)
44	RENT AND LEASE	15,510	38,800	32,500	0.2%	(6,300)
46	REPAIRS/MAINTENANCE	70,112	205,300	225,300	1.1%	20,000
52	OPERATING SUPPLIES	33,280	35,500	60,000	0.3%	24,500
	TOTAL OPERATING EXPENSES	195,137	376,700	421,400	2.0%	44,700
60	CAPITAL OUTLAY					
63	OTHER IMPROVEMENTS	0	208,200	0	0.0%	(208,200)
64	EQUIPMENT	27,263	74,000	0	0.0%	(74,000)
	TOTAL CAPITAL OUTLAY	27,263	282,200	0	0.0%	(282,200)
	GRAND TOTAL	763,066	1,210,100	1,031,500	4.9%	(178,600)

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5413-PUBLIC WORKS STREETS EXPENSE**

ACCT.#	CATEGORY	DETAIL	LINE ITEM	TOTAL
10	PERSONAL SERVICES			610,100
10120	REGULAR SALARY		379,800	
	FIELD SUPERVISOR			
	ELECTRICIAN			
	MAINT. WORKER (6)			
10130	OTHER SALARY		0	
10140	OVERTIME		7,900	
10150	SPECIAL PAY		0	
10210	FICA		29,700	
10220	RETIREMENT		52,700	
10230	HEALTH		127,500	
10231	LIFE/VISION/DENTAL/ADD		6,100	
10240	WORKER'S COMP.		6,400	
30	OPERATING EXPENSES			426,000
30340	CONTRACT SERVICES		20,500	
	ANIMAL CONTROL-HUMANE SOCIETY	5,000		
	ELECTRICAL CONTRACTOR	10,000		
	UNIFORM RENTAL/CLEANING	5,500		
30350	TRAINING		14,300	
	ANIMAL CONTROL TRAINING	1,000		
	CDL	10,000		
	CONE SCHOOL	1,500		
	SAFETY / SUPRVSR SEMNRS	1,500		
	UF GI-BMP	300		
30400	DIESEL	4,600	4,600	
30401	GAS/OIL	8,800	8,800	
30402	REPAIRS		8,900	
	MISC. VEHICLE REPAIRS	7,500		
	VEHICLE CERTIFICATION	1,400		
30403	TRAVEL	200	200	
30431	ELECTRIC	47,600	47,600	
	CITY ENTRANCE SIGNS			
	FP&L-STREET LIGHTS			
30432	WATER	3,300	3,300	
	3 LANDSCAPE MEDIANS			
	CITY ENTRANCE SIGNS-PO			
	CITY OF DB-FL. SHORES			
	CITY OF PO-DUNLAWTON			
30440	RENT/LEASE		32,500	
	EMERGENCY RENTALS	15,000		
	X-MAS POLE DECORATIONS	17,500		
30460	REPAIRS/MAINTENANCE		225,300	
	A1A TRASH CANS	12,000		
	DECOR & MONGOOSE LIGHT POLES TO LE	55,000		
	FIXTURE PAINTING/SIDEWALK REPAIR	50,000		
	GENERAL REPAIRS	9,000		
	LIGHT POLE/FIXTURE REPLACEMENT	50,000		
	MAINTENANCE ON TRAFFIC SIG./LIGHTS	5,300		
	MULCH/FERTILIZER	8,000		
	ROAD/PLANT/SIGN POLE REPAIR	5,600		
	STREET SIGNS	30,000		
	UPGRADE 870 MGZ RADIOS (3)/MAINTENAN	400		
30520	OPERATING SUPPLIES		60,000	
	ANIMAL CONTROL SUPPLIES	1,000		
	BANNER ARMS	7,400		
	BARRICADES	7,000		
	CEMENT MIXER	6,000		
	FLAGS	2,500		
	LANDFILL CHARGES	3,600		
	MISC TOOLS / SUPPLIES / EQUIPMENT	8,500		
	OPERATING CHEMICALS	5,000		
	STREET BANNERS	15,000		
	WEEDEATER/SUPPLIES/REPLACE	4,000		
TOTAL STREETS DEPT. EXPENSE			1,036,100	1,036,100

THE CITY OF DAYTONA BEACH SHORES

PARKS AND RECREATION

Purpose

This unit is responsible for maintaining City parks, recreation facilities, landscaped areas and street trees, preserving natural beauty and functional utility while ensuring safe, attractive, outdoor facilities.

Staffing

Staffing totals 6 FTE:

5 - Maintenance Staff

Budget Summary

	PARKS & RECREATION		
	Current FY	Proposed	Change
Human Resource Expense	\$311,800	\$352,400	\$40,600
Operating Expense	243,000	302,700	61,700
TOTAL	554,800	655,100	102,300

CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5720-PARKS / RECREATION FACILITIES DEPARTMENT EXPENSE

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	150,406	189,700	212,900	1.0%	23,200
13	OTHER SALARY	0	0	0	0.0%	0
14	OVERTIME	250	5,400	6,100	0.0%	700
15	SPECIAL PAY	0	100	0	0.0%	(100)
21	FICA	11,036	14,900	16,800	0.1%	1,900
22	RETIREMENT	16,765	24,000	29,700	0.1%	5,700
23	LIFE/HEALTH INSURANCE	73,033	74,400	83,300	0.4%	8,900
24	WORKER'S COMP.	3,482	3,300	3,600	0.0%	300
	TOTAL PERSONAL SERVICES	254,972	311,800	352,400		40,600
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	3,127	2,000	0	0.0%	(2,000)
34	CONTRACTUAL SERVICES	3,127	5,500	5,500	0.0%	0
35	TRAINING	1,343	2,800	12,000	0.1%	9,200
40	VEH. EXP/TRAVEL	11,187	10,900	14,500	0.1%	3,600
41	COMMUNICATIONS	3,107	3,200	3,300	0.0%	100
43	UTILITY SERVICES	4,843	5,300	4,800	0.0%	(500)
44	RENT AND LEASE	0	0	5,000	0.0%	5,000
45	GENERAL INSURANCE	44,915	85,400	79,600	0.4%	(5,800)
46	REPAIRS/MAINTENANCE	46,476	78,400	112,500	0.5%	34,100
49	OTHER	2,555	5,000	5,000	0.0%	0
52	OPERATING SUPPLIES	42,269	44,500	60,500	0.3%	16,000
	TOTAL OPERATING EXPENSES	159,822	243,000	302,700	1.4%	61,700
60	CAPITAL OUTLAY					
63	OTHER IMPROVEMENTS	0	1,489,900	0	0.0%	(1,489,900)
64	EQUIPMENT	44,440	14,500	0	0.0%	(14,500)
	TOTAL CAPITAL OUTLAY	44,440	1,504,400	0	0.0%	(1,504,400)
	GRAND TOTAL	459,234	2,059,200	655,100	3.1%	(1,404,100)

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5720-PARKS / RECREATION FACILITIES DEPARTMENT EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
10	PERSONAL SERVICES			352,400
10120	REGULAR SALARY		212,900	
	MAINT, WORKER (5)			
10130	OTHER SALARY		0	
10140	OVERTIME		6,100	
10150	SPECIAL PAY		0	
10210	FICA		16,800	
10220	RETIREMENT		29,700	
10230	HEALTH		79,700	
10231	LIFE/VISION/DENTAL/ADD		3,600	
10240	WORKER'S COMP.		3,600	
30	OPERATING EXPENSES			304,700
30310	PROFESSIONAL SERVICES	2000	2,000	
30340	CONTRACT SERVICES		5,500	
	PEST CONTROL DOG PARK	2,000		
	UNIFORM CLEANING	3,500		
30350	TRAINING		12,000	
	CLASSES/TRAINING/CDL'S	6,000		
	PARK SAFETY TRAINING	1,000		
	PICKLE BALL COURT MAINTENANCE	3,000		
	TENNIS COURT MAINTENANCE	2,000		
30401	GAS/OIL	8,000	8,000	
30402	REPAIRS	6,500	6,500	
30411	PHONE	3,300	3,300	
30431	ELECTRIC	2,500	2,500	
	PARK LIGHTS:			
	BURGER KING LOT (?)			
	FORNARI			
	MCELROY			
	RENDON (?)			
	VAN AVE			
30432	WATER	1,100	1,100	
	CITY OF PO-FORNARI			
	CITY OF PO-MCELROY			
	NEW A1A (?)			
30434	SEWER	1,200	1,200	
	FORNARI			
	MCELROY			
	NEW A1A (?)			
30440	RENT/LEASE		5,000	
	TABLE TOWERS RENTAL	5,000		
30450	GENERAL INSURANCE	79,600	79,600	
30460	REPAIRS/MAINTENANCE		112,500	
	ASPHALT REPLACEMENT	22,000		
	CLAY COURT SUPPLIES	3,300		
	DUNE CROSSOVER REPAIRS	16,500		
	EXERCISE EQUIPMENT REPAIRS	6,000		
	FERTILIZER/PESTICIDE	3,300		
	FORNARI GUTTERS/SHOWERS	8,200		
	GEN REPAIRS/MAINT	6,100		
	GUARDRAIL REPLACEMENT	800		
	MISC. PLANTS/SPRINKLERS	6,800		
	MULCH FOR PARKS	10,000		
	NETS/SCREENS/COURT SUPPLY-PB	4,400		
	PARK SIGN REPLACEMENT	7,500		
	TRASH BIN REPLACEMENT	15,000		
	UPGRADE 870 MGZ RADIOS (3)/MAINT.	440		
	WINDSCREENS/NETS/TAPE-ORC	2,200		

FISCAL YEAR 2024-2025 BUDGET

DEPARTMENTAL BUDGET DETAIL

5720-PARKS / RECREATION FACILITIES DEPARTMENT EXPENSE

30490	OTHER -		5,000	
	COMMUNITY CENTER DECORATIONS	2,000		
	MISC X-MAS DECORATIONS	3,000		
30520	OPERATING SUPPLIES		60,500	
	COURT OF FLAGS	4,000		
	EDGER/BLOWER/TRIMMER(S)	4,000		
	JANITORIAL SUPPLIES	5,000		
	MISC SUPPLIES	20,000		
	MISC. TOOLS AND CABINETS	4,000		
	PAPER PRODUCTS	7,000		
	PARK FURNITURE	7,500		
	PARK IRRIGATION UPGRADES	7,500		
	WATER COOLER	1,500		
TOTAL PARKS DEPT. EXPENSE			657,100	657,100

THE CITY OF DAYTONA BEACH SHORES

COMMUNITY CENTER

Purpose

This component provides for the administration and operating expenses of the Community Center and City-wide recreational programs, the city's marketing program and the city's custodial division.

Staffing

Staffing totals 5.8 FTE:

1 - Director of Recreation
1- Recreation Specialist
1- Public Information Officer
2 – Recreation Liaison
0.8 - Part-Time Staffing

Budget Summary

	COMMUNITY CENTER		
	Current FY	Proposed	Change
Human Resource Expense	\$491,200	\$566,400	\$75,200
Operating Expense	180,000	264,500	84,500
TOTAL	671,200	830,900	159,700

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5751-COMMUNITY CENTER EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REG. SALARY	280,308	310,000	352,700	1.7%	42,700
13	OTHER SALARY	0	4,800	0	0.0%	(4,800)
14	OVERTIME	4,463	4,000	6,200		
15	SPECIAL PAY	0	6,600	0	0.0%	(6,600)
21	FICA	21,700	24,100	27,000	0.1%	2,900
22	RETIREMENT	50,255	61,300	74,700	0.4%	13,400
23	LIFE/HEALTH INSURANCE	87,698	75,000	99,900	0.5%	24,900
24	WORKER'S COMP.	5,048	5,400	5,900	0.0%	500
	TOTAL PERSONAL SERVICES	449,472	491,200	566,400		75,200
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	0	0	0	0.0%	0
34	CONTRACTUAL SERVICES	2,079	14,600	9,600	0.0%	(5,000)
35	TRAINING	795	3,500	3,500	0.0%	0
40	VEHICLE EXPENSE/TRAVEL	12,853	15,800	17,800	0.1%	2,000
41	COMMUNICATIONS	6,428	5,500	6,600	0.0%	1,100
43	UTILITIES	43,573	47,100	42,500	0.2%	(4,600)
44	RENT/LEASE	0	500	500	0.0%	0
47	PRINTING	0	3,500	3,500	0.0%	0
49	OTHER CHARGES	1,679	55,000	145,500	0.7%	90,500
51	OFFICE SUPPLIES	3,519	3,000	3,000	0.0%	0
52	OPERATING SUPPLIES	31,764	29,000	29,500	0.1%	500
54	BOOKS/MEMBERSHIPS	1,361	2,500	2,500	0.0%	0
	TOTAL OPERATING EXPENSES	104,051	180,000	264,500	1.2%	84,500
60	CAPITAL OUTLAY					
62	BUILDING	0	0	0	0.0%	0
64	EQUIPMENT	10,902	0	0	0.0%	0
	TOTAL CAPITAL OUTLAY	10,902	0	0	0.0%	0
	GRAND TOTAL	564,425	671,200	830,900	3.9%	159,700

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5751-COMMUNITY CENTER EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
10	PERSONAL SERVICES			566,400
10120	REGULAR SALARY		352,700	
	PARKS & REC. DIR			
	COMM CENTER COORD.			
	CUSTODIAL (2)			
	P/T OFFICE STAFF			
10130	OTHER SALARY		0	
10140	OVERTIME		6,200	
10150	SPECIAL PAY		0	
10210	FICA		27,000	
10220	RETIREMENT		74,700	
10230	HEALTH		95,700	
10231	LIFE/VISION/DENTAL/ADD		4,200	
10240	WORKER'S COMP.		5,900	
30	OPERATING EXPENSES			264,500
30340	CONTRACT SERVICES		9,600	
	COPIER	1,600		
	PHOTOGRAPHER	1,500		
	PLANT PEOPLE	1,300		
	SOFTWARE MAINT	4,500		
	WATER COOLER	300		
	XM RADIO	300		
	YOUTUBE	145		
30350	TRAINING	3,500	3,500	
30403	TRAVEL		17,800	
	FEDC	1,500		
	FPRA-PIO	2,000		
	FRPA	3,000		
	FRPA AGENCY SUMMIT	1,000		
	MILEAGE	4,800		
	NRPA/IEDC	3,000		
	TALLAHASSEE-ADVOCACY	2,000		
	VFPR-PIO	500		
30411	TELEPHONE	6,500	6,500	
30412	POSTAGE	100	100	
30431	ELECTRIC	30,000	30,000	
30432	WATER	9,300	9,300	
30434	SEWER	3,200	3,200	
30440	RENT/LEASE	500	500	
30470	PRINTING	3,500	3,500	

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5751-COMMUNITY CENTER EXPENSE**

30490	OTHER CHARGES		145,500	
	ARMED FORCES DAY	5,000		
	BUSINESS & HEALTH EXPO	2,500		
	CASINO NIGHT	10,000		
	CHRISTMAS EMPLOYEE LUNCH	3,500		
	CHRISTMAS TREE LIGHTING	5,500		
	CITIZENS ACADEMY	2,500		
	COFFEE WITH THE MAYOR	2,500		
	COMMUNITY COOKOUT	3,000		
	CULTURE & ENTERTAINMENT	70,000		
	FOOD TRUCKS & CONCERTS	15,000		
	MARKETING/WEBSITE	19,500		
	MAYOR'S FITNESS CHALLENGE	5,500		
	MISC.	1,000		
30510	OFFICE SUPPLIES	3,000	3,000	
30520	OPERATING SUPPLIES		29,500	
	CUSTODIAL SUPPLIES	15,000		
	HOLIDAY DECORATIONS	10,000		
	MISC	3,500		
	VCRDA LUNCHEON	1,000		
30540	MEMBERSHIPS/BOOKS/PUBLICA.	2,500	2,500	
TOTAL COMMUNITY CENTER			830,900	830,900

THE CITY OF DAYTONA BEACH SHORES
PHYSICAL ENVIRONMENT

Purpose

This component provides funds that support the operational, capital and/or debt service expense requirements.

This department also includes the operational expense for solid waste removal and recycling programs. These expenses are offset by customer billings for these services.

Budget Summary

	<u>UNDERGROUND UTILITIES/ SOLID WASTE</u>		
	Current FY	Proposed	Change
Human Resource Expense	\$0	\$0	\$0
Operating Expense	1,672,900	1,631,200	(41,700)
TOTAL	1,672,900	1,631,200	(41,700)

CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5390 - PHYSICAL ENVIRONMENT

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
30	OPERATING EXPENSES					
31	PROFESSIONAL SERVICES	16,200	18,000	18,900	0.1%	900
43	UTILITIES (Solid Waste/Recycle)	1,337,067	1,654,900	1,612,300	7.6%	(42,600)
	TOTAL OPERATING EXPENSES	1,353,267	1,672,900	1,631,200	7.7%	(41,700)
	GRAND TOTAL	1,353,267	1,672,900	1,631,200	7.7%	(41,700)

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
5390 - PHYSICAL ENVIRONMENT**

ACCT.#	CATEGORY	DETAIL	LINE ITEM	TOTAL
30	OPERATING EXPENSES			1,631,200
30310	PROFESSIONAL SERVICES		18,900	
	SW Tracking Software	3,333		
	SW Contract Monitor	15,600		
30435	SOLID WASTE (revenue linked)	1,503,000	1,503,000	
30436	RECYCLING (revenue linked)	109,300	109,300	
TOTAL UG UTIL DEPARTMENT			1,631,200	1,631,200

THE CITY OF DAYTONA BEACH SHORES

BENEFIT TERM PAYOUT

Purpose

This component provides for costs associated with sick leave and termination pay of employees who leave the City (including severance as appropriate) and the estimated City contribution for Unemployment Compensation.

Budget Summary

BENEFIT PAYOUT			
	Current FY	Proposed	Change
Human Resource Expense	\$48,400	\$67,100	(\$18,700)
Operating Expense			0
TOTAL	48,400	67,100	(18,700)

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5690-BENEFIT TERM PAYOUT EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
10	PERSONAL SERVICES					
12	REGULAR SALARY	124,830	35,000	55,000	0.3%	20,000
21	FICA	9,465	3,400	4,100	0.0%	700
22	RETIREMENT	14,729	10,000	8,000	0.0%	(2,000)
25	UNEMPLOYMENT	(1,787)		0	0.0%	0
	TOTAL PERSONAL SERVICES	147,237	48,400	67,100	0.3%	18,700
	GRAND TOTAL	147,237	48,400	67,100	0.3%	18,700

THE CITY OF DAYTONA BEACH SHORES

CONTINGENCY

Purpose

This component provides funds that are specifically appropriated for transfer to other accounts for emergency or unforeseen expenditures. It also includes funds that are planned for reserves, but that may be appropriated for other purposes based on need. It also includes the funds that are transferred to the capital improvement fund for planned capital expenditures based on the five-year capital plan. In the proposed budget, the contingency covers four distinct components:

- (1) self-insurance (covering windstorm and/or claims outside current budget);
- (2) general contingency;
- (3) a capital depreciation reserve; and,
- (4) the repayment of reserve funds allocated toward the construction of the Community Center.

Budget Summary

	CONTINGENCY		
	Current FY	Proposed	Change
Human Resource Expense			\$0
Operating Expense			0
Transfer Out-Capital Fund		3,505,100	3,505,100
Contingency	1,084,400	1,103,800	19,400
TOTAL	1,084,400	4,608,900	3,524,500 0

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5800-CONTINGENCY EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
90	TRANSFERS					
900	CONTINGENCY	0	1,084,400	1,103,800	5.2%	19,400
920	TRANSFER TO OTHER FUNDS	0	0	3,505,100	16.5%	<u>3,505,100</u>
	GRAND TOTAL	0	1,084,400	4,608,900	21.7%	3,524,500

**FISCAL YEAR 2024-2025 BUDGET
BUDGET DETAIL
5800-CONTINGENCY EXPENSE**

DEPARTMENTAL BUDGET DETAIL

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
90	TRANSFERS			4,608,900
900	Contingency		1,103,800	
	Capital Depreciation & Self Insurance			
	(EE Health & Windstorm)	821,200		
	Short-Term General	50,000		
	Community Center Reserve Repayment	232,600		
920	Transfer to Other Funds		3,505,100	
TOTAL CONTINGENCY			4,608,900	4,608,900

THE CITY OF DAYTONA BEACH SHORES
GENERAL LONG-TERM DEBT

Purpose

This component provides for the redemption of non-voted debt, and Leases and Software As a Services according to GASB 87 & 96. Interest payments associated with such debt is included in this account.

Budget Summary

	LONG TERM DEBT		
	Current FY	Proposed	Change
Principal	\$322,600	\$291,300	(\$31,300)
Interest	22,100	15,900	(6,200)
TOTAL	344,700	307,200	(37,500)

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
5820-GEN LONG TERM DEBT EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	% of GF	BUDGET CHANGE
70	DEBT SERVICE					
710	PRINCIPAL EXPENSE	0	322,600	291,300	1.4%	(31,300)
720	INTEREST EXPENSE	0	22,100	15,900	0.1%	(6,200)
	TOTAL DEBT SERVICE	0	344,700	307,200	1.4%	(37,500)
	GRAND TOTAL	0	344,700	307,200	1.4%	(37,500)

**CITY OF DAYTONA BEACH SHORES
DEPARTMENTAL BUDGET DETAIL
5820-GEN LONG TERM DEBT EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
70	LEASE COSTS			307,200
70710	PRINCIPAL EXPENSE		291,300	
	Leases		126,300	
	Axon Base Fleet 3 Contrac	63,900		
	Axon Contract (15 Cars)	34,800		
	Axon Contract (5 Cars)	12,800		
	Axon Contract (5 Cars)	11,200		
	Axon Contract (2 Cars)	3,600		
	Software As A Service		165,000	
	Business Continuity Solutic	37,100		
	Flock	16,300		
	Microsoft 365	32,600		
	Tyler Saas-ERP	79,000		
70720	INTEREST EXPENSE		15,900	
	Leases		7,600	
	Axon Base Fleet 3 Contrac	3,400		
	Axon Contract (15 Cars)	2,700		
	Axon Contract (5 Cars)	500		
	Axon Contract (5 Cars)	700		
	Axon Contract (2 Cars)	300		
	Software As A Service		8,300	
	Business Continuity Solutic	2,700		
	Flock	1,700		
	Microsoft 365	1,800		
	Tyler Saas-ERP	2,100		
GEN LONG TERM DEBT			307,200	307,200

THE CITY OF DAYTONA BEACH SHORES
ECONOMIC DEVELOPMENT

Purpose

This component provides for the assistance to businesses with the desire and potential for growth within the City of Daytona Beach Shores. The lease subsidy program is administered by this department.

Budget Summary

ECONOMIC DEVELOPMENT			
	Current FY	Proposed	Change
Human Resource Expense	\$0	\$0	\$0
Operating Expense	100,000	100,000	0
TOTAL	100,000	100,000	0

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
ECONOMIC DEVELOPMENT**

DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	BUDGET CHANGE
ECONOMIC DEV ELOPMENT REVENUE				
TRANSFER IN FROM GENERAL FUND	0	100,000	0	(100,000)
APPROPRIATED FUND BALANCE	0	0	100,000	100,000
OPERATIONS REVENUE TOTAL	0	100,000	100,000	0
ECONOMIC DEVELOPMENT EXPENSE				
LAND PURCHASE INCENTIVES	80,100	0	0	0
LEASE SUBSIDY	46,785	100,000	100,000	0
OPERATIONS EXPENSE TOTAL	126,885	100,000	100,000	0
OPERTATIONS NET	(126,885)	0	0	0
TOTAL FUND REVENUE	0	100,000	100,000	0
TOTAL FUND EXPENSE	126,885	100,000	100,000	0
TOTAL NET	(126,885)	0	0	0

SEWER FUND

THE CITY OF DAYTONA BEACH SHORES

SEWER OPERATING

Purpose

This City operates a sewerage collection and transmission system and has contracted with a neighboring municipality for sewage treatment.

Enterprise funds are used to account for the provision of sewer services, which the City operates as though it were a separate business. Enterprise activities are not dependent on taxes for their operating revenue, and may be operated by the City to generate revenues in excess of expenses to enhance the City's overall financial position.

Staffing

Staffing totals 5 FTE:

1 - Utility Technician Supervisor
3 - Utility Technicians
1 – Project Manager

Budget Summary

	SEWER OPERATING		
	Current FY	Proposed	Change
Human Resource Expense	\$306,300	\$399,600	93,300
Operating Expense	3,759,000	4,015,200	256,200
Transfer Out-Capital Fund	0	11,603,500	11,603,500
Debt Service	0	6,551,700	6,551,700
Contingency	451,400	459,600	8,200
Bad Debt Expense	0	10,000	10,000
TOTAL	4,516,700	23,039,600	18,522,900

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
SEWER FUND FUNCTIONAL SUMMARY**

	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	BUDGET CHANGE
FD401					
SEWER OPERATIONS REVENUE					
	SAFHI-FEDERAL GRANT	0	0	6,551,700	6,551,700
	HMGP-FEDERAL GRANT	0	0	281,300	281,300
	CDBG-FEDERAL GRANT	0	0	3,710,000	3,710,000
	SVC CHG. METER READ	198	0	100	100
	SEWER REVENUE	3,636,044	4,301,700	4,739,100	437,400
	OPERATING INTEREST	6,565	215,000	215,000	0
	MISCELLANEOUS	-3,497	0	0	0
	SRF LOAN PROCEEDS	0	0	6,551,700	6,551,700
	TRANSFER FR FUND BALANCE	0	0	990,700	990,700
	OPERATIONS REVENUE TOTAL	3,639,310	4,516,700	23,039,600	18,522,900
SEWER OPERATIONS EXPENSE					
	TOTAL PERSONAL SERVICES	291,648	306,300	399,600	93,300
	TOTAL OPERATING EXPENSES	2,181,844	3,334,300	3,528,200	193,900
	CAPITAL DEPRECIATION	371,530	424,700	487,000	62,300
	CONTINGENCY	0	451,400	459,600	8,200
	BAD DEBT WRITE DOWN	0	0	10,000	10,000
	TRANSFER TO CAPITAL FUND	0	0	11,603,500	11,603,500
	TOTAL DEBT SERVICE				
	PRINCIPLE & CHARGES	0	0	6,551,700	6,551,700
	INTEREST PAYMENTS	0	0	0	0
	OPERATIONS EXPENSE TOTAL	2,845,022	4,516,700	23,039,600	18,522,900
	SEWER OPERATIONS NET	794,288	0	0	0
FD402					
SEWER IMPACT FEE REVENUE					
	IMPACT FEE INTEREST	1	100	100	0
	SEWER IMPACT FEE	137,368	16,000	16,000	0
	IMPACT FEE REVENUE TOTAL	137,369	16,100	16,100	0
SEWER IMPACT FEE EXPENSE					
	OPERATING EXPENSES	81,260	9,600	9,600	0
	CONTINGENCY	0	6,500	6,500	0
	TRANSFER TO RESERVES	10,585	0	0	0
	IMPACT FEE EXPENSE TOTAL	91,845	16,100	16,100	0
	SEWER IMPACT FEE NET	45,524	0	0	0
	TOTAL FUND REVENUE	3,776,679	4,532,800	23,055,700	18,522,900
	TOTAL FUND EXPENSE	2,936,867	4,532,800	23,055,700	18,522,900
	TOTAL NET	839,812	0	0	0

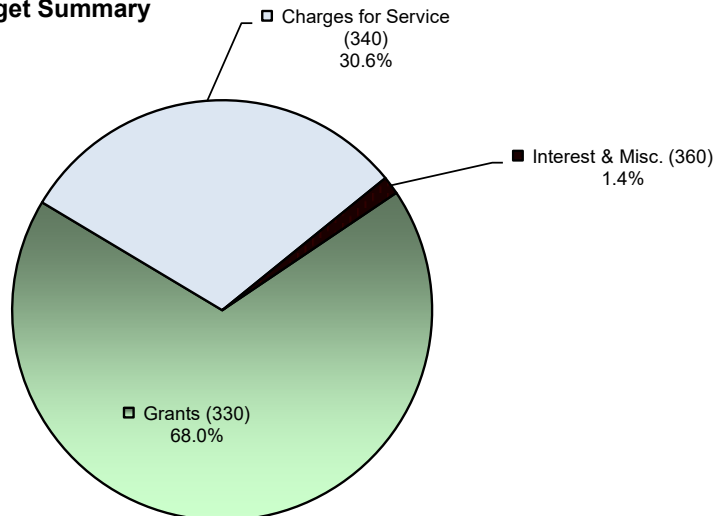
**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-25 BUDGET**

SEWER FUND REVENUE - FUNCTIONAL SUMMARY

Account Description	FY2022-23 Actual	FY2023-24 Amended Bud.	FY2024-25 Budget	Budget Change
Fees (320)	0	0	0	0
Grants (330)	0	0	10,543,000	10,543,000
Charges for Service (340)	3,636,242	4,301,700	4,739,200	437,500
Interest & Misc. (360)	3,068	201,000	215,000	14,000
Internal Service & Debt Proceeds (380)	0	0	6,551,700	6,551,700
Transfers from Fund Balance (390)	0	0	990,700	990,700
TOTAL	3,639,310	4,502,700	23,039,600	18,536,900

SEWER FUND LINE ITEM REVENUE DETAIL				
Account Description	FY2022-23 Actual	FY2023-24 Amended Bud.	FY2024-25 Budget	Budget Change
401-330-3340-33100 SAHFI Grant	0	0	6,551,700	6,551,700
401-330-3340-33101 HMPG Grant	0	0	281,300	281,300
401-330-3340-33102 CDBG (Transform 386) Gra	0	0	3,710,000	3,710,000
401-340-3430-43500 Sewer Revenue	3,636,242	4,301,700	4,739,200	437,500
401-360-3610-61003 BoA Operating Interest	6,560	1,000	15,000	14,000
401-360-3610-61200 SBA Operating Interest	5	0	0	0
401-360-3610-61260 Other Investment Income	0	200,000	200,000	0
401-360-3690-69999 Miscellaneous	(3,497)	0	0	0
401-380-3840-40111 Sewer Construction Rev.	0	0	6,551,700	6,551,700
401-390-3990-81600 Trans fr Fund Balance	0	0	990,700	990,700
SEWER FUND TOTAL	3,639,310	4,502,700	23,039,600	18,536,900

Sewer Fund Revenue Budget Summary

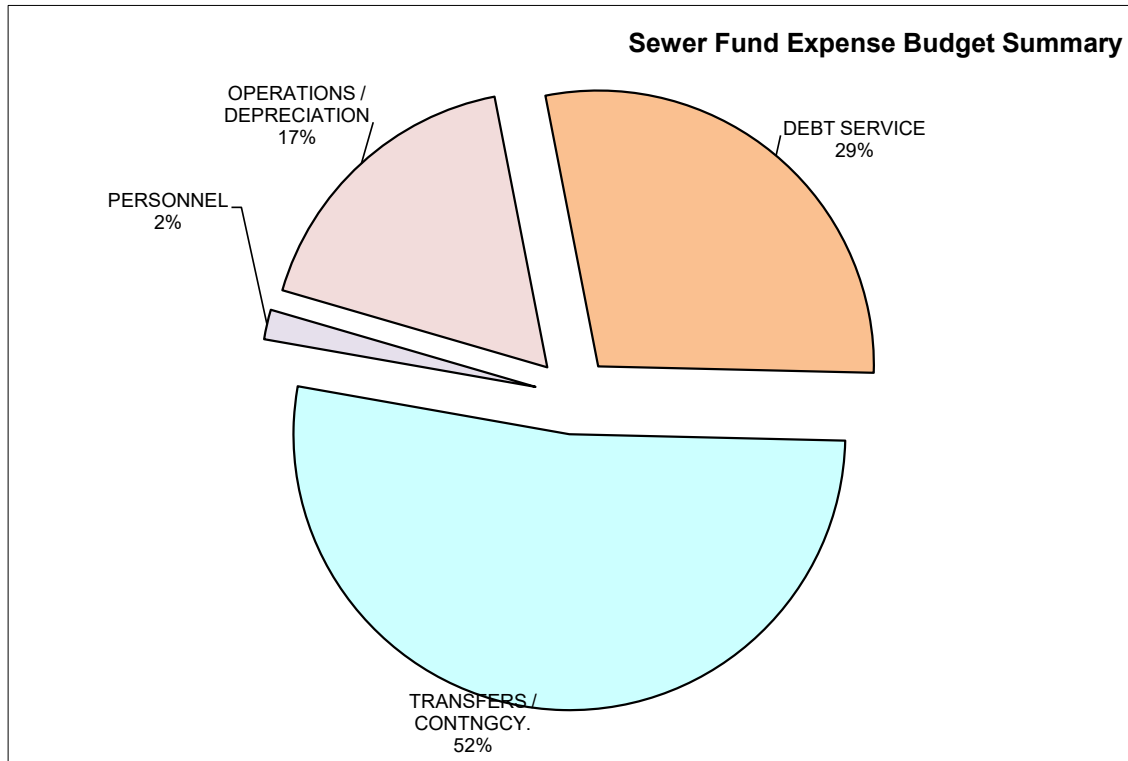


**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
SEWER FUND EXPENDITURES SUMMARY**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	BUDGET CHANGE
5350	SEWER OPERATING	2,926,282	4,516,700	4,414,800	(101,900)
5352	SEWER CONSTRUCTION	0	0	0	0
	SEWER SRFL	0	0	6,551,700	0
	TRANSFERS/CONTINGENCY	0	0	12,073,100	0
TOTAL EXPENDITURES		2,926,282	4,516,700	23,039,600	(101,900)

BUDGET: SUMMARY BY CATEGORY OF EXPENSE

PERSONNEL	291,648	306,300	399,600	93,300
OPERATIONS / DEPRECIATION	2,634,634	3,759,000	4,015,200	256,200
DEBT SERVICE	0	0	6,551,700	6,551,700
TRANSFERS / CONTNGCY.	0	451,400	12,073,100	11,621,700
TOTAL EXPENDITURES	2,926,282	4,516,700	23,039,600	18,522,900



**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
401-5350 SEWER OPERATING EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET BUDGET CHANGE	
10	PERSONAL SERVICES				
12	REG. SALARY	172,004	190,300	251,100	31.95%
13	OTHER SALARY	4,075	0	0	#DIV/0!
14	OVERTIME	1,528	10,200	6,300	-38.24%
15	SPECIAL PAY	0	2,600	0	-100.00%
21	FICA	14,051	15,500	19,700	27.10%
22	RETIREMENT	26,753	24,700	35,000	41.70%
23	LIFE/HEALTH INSURANCE	58,645	59,500	83,300	40.00%
24	WORKER'S COMP. & OPEB	14,592	3,500	4,200	20.00%
	TOTAL PERSONAL SERVICES	291,648	306,300	399,600	30.46%
30	OPERATING EXPENSES				
31	PROFESSIONAL SERVICES	(5,914)	400,000	400,000	0.00%
32	ACCOUNTING/AUDITING	17,000	23,000	23,000	0.00%
34	CONTRACTUAL SERVICES	6,036	15,100	15,800	4.64%
35	TRAINING	944	8,200	22,100	169.51%
40	VEHICLE EXP/TRAVEL	15,364	24,500	39,800	62.45%
41	COMMUNICATIONS	10,923	15,000	15,000	0.00%
43	UTILITY SERVICES	1,134,631	1,543,900	1,546,200	0.15%
44	RENT AND LEASE	0	1,500	1,500	0.00%
45	GENERAL INSURANCE	12,048	33,200	26,800	-19.28%
46	REPAIRS/MAINTENANCE	90,378	123,700	118,700	-4.04%
47	PRINTING	455	2,100	2,100	0.00%
49	OTHER	855,535	1,085,300	1,258,300	15.94%
51	OFFICE SUPPLIES	166	600	1,000	66.67%
52	OPERATING SUPPLIES	44,248	57,900	57,600	-0.52%
54	BOOKS/MEMBERSHIPS	30	300	300	0.00%
59	DEPRECIATION/AMORTIZATION	371,530	424,700	487,000	14.67%
	TOTAL OPERATING EXPENSES	2,553,374	3,759,000	4,015,200	6.82%
60	CAPITAL OUTLAY				
62	BUILDINGS	0	0	0	
63	IMPROVEMENTS	0	2,259,400	0	-100.00%
64	EQUIPMENT	104,582	37,000	0	-100.00%
69	CAPITAL OFFSET	(104,582)	(2,296,400)	0	-100.00%
	TOTAL CAPITAL OUTLAY	0	0	0	
70	DEBT SERVICE				
71	PRINCIPAL (Actuals are incorp.withIn Depreciation)	0	0	6,551,700	0.00%
72	INTEREST	0	0	0	0.00%
	TOTAL DEBT SERVICE	0	0	6,551,700	
90	TRANSFERS				
90	CONTINGENCY	0	451,400	459,600	1.82%
905	BAD DEBT	0	0	10,000	0.00%
905	TRANSFERS OUT-CAPITAL FUND	0	0	11,603,500	0.00%
	TOTAL TRANSFERS	0	451,400	12,073,100	2574.59%
	GRAND TOTAL	2,845,022	4,516,700	23,039,600	410.10%

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL
401-5350 SEWER OPERATING EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>	<u>TOTAL</u>
10	PERSONAL SERVICES			399,600
10120	REGULAR SALARY		251,100	
	PROJECT MANAGER-NEW UTILITY SUPERVISOR UTILITY TECHNICIANS (3)			
10130	OTHER SALARY		0	
10140	OVERTIME		6,300	
10150	SPECIAL PAY		0	
10210	FICA		19,700	
10220	RETIREMENT		35,000	
10230	HEALTH		79,700	
10231	LIFE/VISION/DENTAL/ADD		3,600	
10240	WORKER'S COMP.		4,200	
30	OPERATING EXPENSES			4,015,200
30310	PROFESSIONAL SERVICES		400,000	
	ENGINEER SERVICES-MASTER PLAN	400,000		
30320	ACCOUNTING/AUDITING		23,000	
	ANNUAL AUDIT	23,000		
30340	CONTRACT SERVICES		15,800	
	CUES MAINT. CONTRACT	1,500		
	GO CANVAS	2,200		
	INTERNET-WIFI	3,000		
	MASTER BYPASS TELEMTRY	4,500		
	STATION 1 ALARM MONITOR	2,600		
	UNIFORM RENTAL	2,000		
30350	TRAINING		22,100	
	CAMERA SCHOOL	500		
	CDL CLASSES	6,000		
	CONFINED SPACE CERT. (2)	1,300		
	GROUND PENETRATING UTILITY SURVEY	7,500		
	LIFT ST.MECHANIC X-TRAINING	800		
	MISC. TRAINING	6,000		
30400	DIESEL	14,000	14,000	
30401	GAS	8,800	8,800	
30402	VEH.MAINT./REPAIRS		15,000	
	BUCKET TRUCK CERTIFICATION	3,000		
	VEHICLES	12,000		
30403	TRAVEL/PER DIEM		2,000	
	CONFINED SPACE CERT.(2)	1,000		
	LIFT STA. MECHANIC	1,000		
30411	TELEPHONE		8,000	
	CELL PHONES	1,200		
	IPAD CELLULAR	1,000		
	PHONES W/AUTODIAL 10 STATIONS	5,800		
30412	POSTAGE		7,000	
	SEWER BILL MAILING	7,000		
30431	ELECTRIC	45,000	45,000	
30432	WATER		7,700	
	CITY OF P.O. & DB	7,700		
30434	SEWER		1,493,500	
	Charges for Sewer Services	1,493,500		
30440	RENT/LEASE		1,500	
	TOOLS/PUMP RENTALS	1,500		
30450	INSURANCE	26,783	26,800	

**FISCAL YEAR 2024-2025 BUDGET
DEPARTMENTAL BUDGET DETAIL (Con't)
401-5350 SEWER OPERATING EXPENSE**

<u>ACCT.#</u>	<u>CATEGORY</u>	<u>DETAIL</u>	<u>LINE ITEM</u>
30460	REPAIRS/MAINTENANCE		118,700
	A/C REPLACEMENT	7,000	
	ELECTRICAL REPAIRS TO STATIONS	2,400	
	EMERGENCY REPAIRS	25,000	
	INSPECT/CLEAN/TELEVISION	10,400	
	LOCATES	6,000	
	MAINT. FOR UTILITY SYSTEM	1,000	
	MANHOLE COVERS/RINGS	2,000	
	MASTER BYPASS TELEMETRY PANEL	5,000	
	MISC. REPAIRS/PARTS	4,100	
	POWER MONITOR	2,400	
	PUMP REPAIRS	10,000	
	REPAIRS TO GENERATORS	8,000	
	REPAIRS TO SEWER LINE	9,600	
	ROAD MAINTENANCE AND SUPPLIES	1,500	
	SEALS, SLEEVES, MOTOR STARTERS,	12,000	
	SEMI-ANNUAL WET WELL	6,900	
	SYSTEM REPAIR/MAINT.	5,000	
	UPGRADE 870 MGZ RADIOS(2)/MAINTENANCE	400	
30470	PRINTING		2,100
	SEWER BILLS AND ENVELOPES	2,100	
30490	OTHER		1,258,300
	BANKING FEES	3,400	
	INTERNAL SERVICE CHARGE TO GF		
	HR Charge	1,148,800	
	Assets & Operations Charge	106,100	
30510	OFFICE SUPPLIES		1,000
	GEN OFFICE SUPPLIES	1,000	
30520	OPERATING SUPPLIES		57,600
	ACTIVATED CARBON FILTERS	18,000	
	BYPASS HOSE REPLACEMENT	6,000	
	DEGREASER	12,000	
	DIESEL FOR GENERATORS	5,500	
	MISCELLANEOUS SUPPLIES	16,100	
30540	BOOKS/MEMBERSHIP		300
	FL WATER & POLLUTION	300	
30590	DEPRECIATION EXPENSE		487,000
	CURRENT PLANNED WRITEDOWN	345,000	
	PLANNED FY PURCHASES	142,000	
70	DEBT SERVICE		6,551,700
70710	PRINCIPAL		6,551,700
	SRF Sewer Improvement	6,551,700	
70720	INTEREST		0
	SRF Sewer Improvement	0	
90	TRANSFERS		12,073,100
90900	CONTINGENCY		459,600
90905	BAD DEBT		10,000
90,950	Fund Balance Transfer (Out)		11,603,500
TOTAL SEWER OPERATING EXPENSE			23,039,600
			23,039,600

THE CITY OF DAYTONA BEACH SHORES

SEWER IMPACT FEE

Purpose

This component is a segment of the overall Sewer Enterprise Fund and is used to track the orderly expansion of the wastewater collection system. In order to finance the capital improvements for such expansion, a development fee (impact fee) "which is defined as a new building's contribution toward its equitable share of the cost of capital improvements required to serve new users" is assessed. The fee is \$1,642 and is composed of two segments consisting of a sewer collection service development fee (\$644.00) and a sewer treatment service development fee (\$998.00). The sewer treatment portion of the fee is paid to a neighboring municipality in accordance with a sewer treatment agreement between the cities.

Budget Summary

	SEWER IMPACT FEE		
	Current FY	Proposed	Change
Human Resource Expense			
Operating Expense	9,600	9,600	0
Contingency	6,500	6,500	0
TOTAL	16,100	16,100	0

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
SEWER IMPACT FEE**

DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	BUDGET CHANGE
SEWER IMPACT REVENUE				
SEWER IMPACT FEE INTEREST	1	100	100	0
SEWER IMPACT FEES	137,368	16,000	16,000	0
OPERATIONS REVENUE TOTAL	137,369	16,100	16,100	0
SEWER IMPACT EXPENSE				
CONTRACT SERVICES	81,260	9,600	9,600	0
OPERATIONS EXPENSE TOTAL	81,260	9,600	9,600	0
OPERTATIONS NET	56,109	6,500	6,500	0
TOTAL FUND REVENUE	137,369	16,100	16,100	0
TOTAL FUND EXPENSE	81,260	9,600	9,600	0
TOTAL NET	56,109	6,500	6,500	0

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
402- SEWER IMPACT FEE**

FUND 402 SEWER IMPACT FEES		SEWER FUND LINE ITEM REVENUE DETAIL			
Account Description		FY2022-23 Actual	FY2023-24 Amended Bud.	FY2024-25 Budget	Budget Change
402- 324-2324 -61004 BoA Impact Fee Interest		1	100	100	0
402- 324-2324 -63000 Sewer Impact Fee		137,368	16,000	16,000	0
SEWER FUND TOTAL		137,369	16,100	16,100	0

**CITY OF DAYTONA BEACH SHORES
FISCAL YEAR 2024-2025 BUDGET
402-2535 SEWER IMPACT FEE EXPENSE**

ACCT.#	DESCRIPTION	FY2022-23 ACTUAL	AMENDED FY2023-24 BUDGET	Draft FY2024-25 BUDGET	BUDGET CHANGE
30	OPERATING EXPENSES				
340	OTHER CONTRACT SERVICES <i>(revenue linked -collected fees due port orange & misc eng.srvcs)</i>	81,260	9,600	9,600	0
OPERATING EXPENSES		81,260	9,600	9,600	0
90	NON-OPERATING				
900	CONTINGENCY	0	6,500	6,500	0
901	TRANSFER TO RESERVE	0	0	0	0
NON-OPERATING		0	6,500	6,500	0
IMPACT FEE EXPENSE		81,260	16,100	16,100	0

Fiscal Year 2024-2025

October 2024–September 2025 (United States)



October 2024							November 2024							December 2024							January 2025								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
			1	2	3	4	5						1	2											1	2	3	4	
6	7	8	9	10	11	12		3	4	5	6	7	8	9	8	9	10	11	12	13	14		5	6	7	8	9	10	11
13	14	15	16	17	18	19		10	11	12	13	14	15	16	15	16	17	18	19	20	21		12	13	14	15	16	17	18
20	21	22	23	24	25	26		17	18	19	20	21	22	23	22	23	24	25	26	27	28		19	20	21	22	23	24	25
27	28	29	30	31				24	25	26	27	28	29	30	29	30	31						26	27	28	29	30	31	
February 2025							March 2025							April 2025							May 2025								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
						1							1													1	2	3	
2	3	4	5	6	7	8	2	3	4	5	6	7	8	6	7	8	9	10	11	12		4	5	6	7	8	9	10	
9	10	11	12	13	14	15	9	10	11	12	13	14	15	13	14	15	16	17	18	19		11	12	13	14	15	16	17	
16	17	18	19	20	21	22	16	17	18	19	20	21	22	20	21	22	23	24	25	26		18	19	20	21	22	23	24	
23	24	25	26	27	28		23	24	25	26	27	28	29	27	28	29	30					25	26	27	28	29	30	31	
							30	31																					
June 2025							July 2025							August 2025							September 2025								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
1	2	3	4	5	6	7				1	2	3	4	5						1	2		1	2	3	4	5	6	
8	9	10	11	12	13	14	6	7	8	9	10	11	12		3	4	5	6	7	8	9	7	8	9	10	11	12	13	
15	16	17	18	19	20	21	13	14	15	16	17	18	19		10	11	12	13	14	15	16	14	15	16	17	18	19	20	
22	23	24	25	26	27	28	20	21	22	23	24	25	26		17	18	19	20	21	22	23	21	22	23	24	25	26	27	
29	30						27	28	29	30	31				24	25	26	27	28	29	30	28	29	30					

Nov 11, 2024 Veterans Day (Most regions)	Dec 24, 2024 Christmas Eve	May 26, 2025 Memorial Day
Nov 28, 2024 Thanksgiving Day (All) Day	Dec 25, 2024 Christmas Day (Most regions)	Jun 19, 2025 Juneteenth Day (AZ, FL, GA, HI, WI)
Nov 29, 2024 After Thanksgiving (Many regions)	Dec 31, 2024 New Year's Eve	Sep 1, 2025 Labor Day (All)
	Jan 1, 2025 New Year's Day (Most regions)	
	Jan 20, 2025 Martin Luther King Jr. Day (All)	

City of Daytona Beach Shores Proposed Capital Improvement Plan



FY 2024-25 through FY 2028-29





CITY OF DAYTONA BEACH SHORES

July 15, 2024

Honorable Mayor Miller, City Commissioners, and Citizens of Daytona Beach Shores;

Enclosed is the Proposed Five-Year Capital Improvement Program (CIP) for the period FY 2024-25 through FY 2028-29. The Five-Year Capital Improvement Program totals \$53,260,300 with \$16,848,600 for FY 2024-25.

Projects included in the CIP reflect one or more of the following factors with maintenance or upgrade of existing facilities being the highest priority:

- Involves necessary or planned maintenance, renovation or construction of existing facilities, equipment or infrastructure.
- Reflects a prior multi-year commitment previously approved by the City Commission.
- Enhances the use or appearance of an existing facilities or City-maintained public areas.

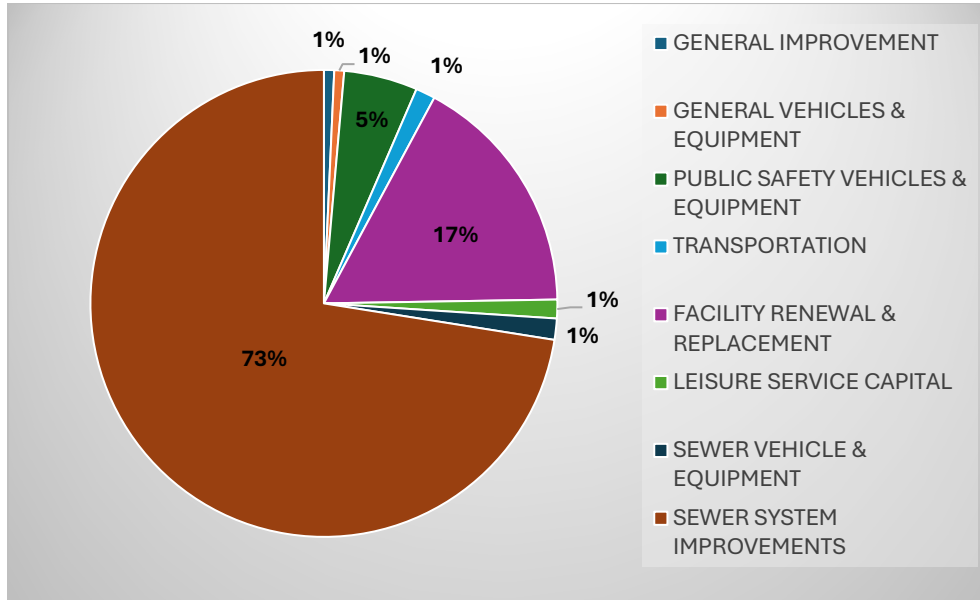
Property tax funded projects for General Capital Improvements, General Vehicle Replacements, Public Safety Vehicles, Facilities Renewal and Replacement, Leisure Service Capital and Transportation are proposed with funding levels consistent with current Long-term Financial Planning.

The city is consistently watching for grants and other funding sources to assist in the funding of city projects: Hazard Mitigation Grant Program (HMGP), Federal Emergency Management Association (FEMA), Community Development Block Grant (CDBG), Florida Department of Environmental Protection (FDEP), Volusia ECHO (Environmental, Cultural, Historic, and Outdoor Recreation), and State Revolving Fund Loan (SRFL). Grant funding is utilized for projects where available.

Overview

The City's Five-Year Capital Improvements Program represents a substantial effort to Identify and schedule capital investments for a multi-year period. Each department has complete project descriptions and justification. The Finance Department has the recommended financing for each project; Ad Valorem, Fuel Tax Revenues, Sewer Revenues, Grants, Reserves, and/or Other Financing Sources.

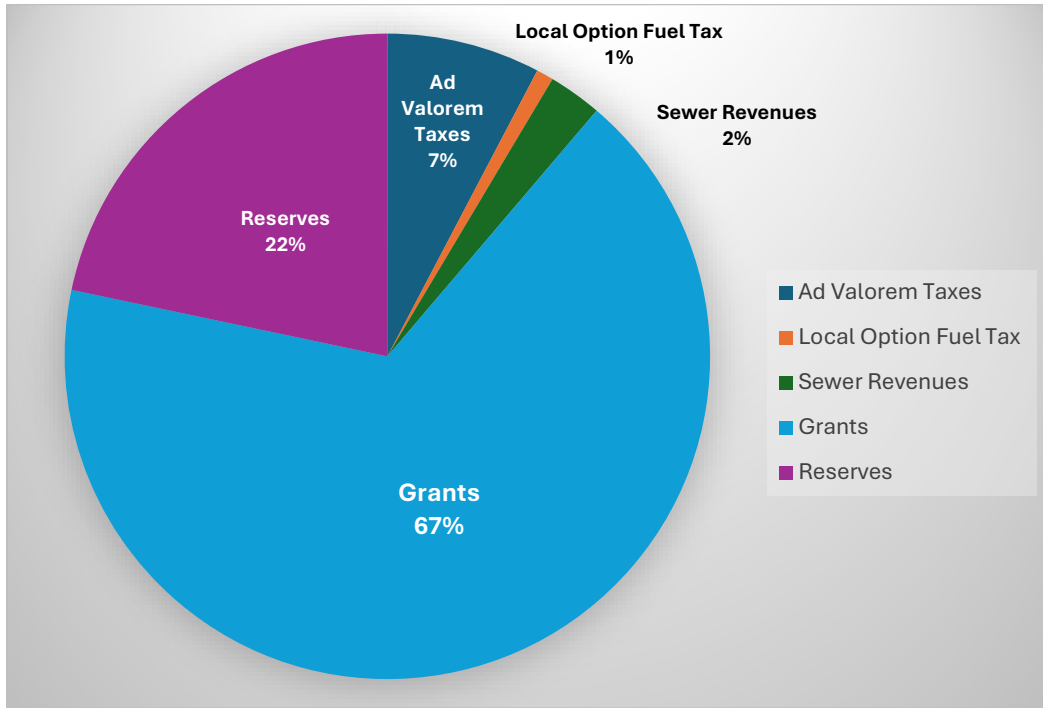
EXPENDITURES 2024-2029



FUND NAME	TOTAL EXPENDITURE
GENERAL IMPROVEMENT	\$ 380,000
GENERAL VEHICLES & EQUIPMENT	\$ 367,000
PUBLIC SAFETY VEHICLES & EQUIPMENT	\$ 2,386,900
TRANSPORTATION	\$ 724,400
FACILITY RENEWAL & REPLACEMENT	\$ 9,059,000
LEISURE SERVICE CAPITAL	\$ 694,800
SEWER VEHICLE & EQUIPMENT	\$ 786,700
SEWER SYSTEM IMPROVEMENTS	\$ 38,861,500
TOTAL	\$ 53,260,300

REVENUES

FUNDING SOURCES FY 2024-2029



Revenue/Funding Source	Total Revenue	
Ad Valorem Taxes	\$	3,767,700
Local Option Fuel Tax	\$	461,500
Sewer Revenues	\$	1,468,800
Grants (Some Pending)	\$	35,963,100
Reserves	\$	11,599,200
TOTAL	\$	53,260,300

FY 2024-25 CIP Projects

Fund 301-General Improvement Fund

Projects included for FY 2024-25 are:

Information Technology: Switching/Wireless Infrastructure Upgrade (\$135,000), Virtual Host Replacement (\$25,000)

City Hall: Furniture Replacement (\$45,000)

Parks & Recreation: City Park Master Plan (\$150,000).

Fund 302-General Vehicle and Equipment Replacement

The FY 2024-25 plan includes the replacement of:

Public Works: Vehicle (\$40,000), a Golf Cart and Gator (\$35,000), a Message Board (\$30,000), a Kabota Tractor (\$50,000), and a Sand Bag Filler (\$15,000).

Fund 305-Public Safety Vehicle and Equipment Replacement

The FY 2024-25 plan includes:

Two Administration Vehicles (\$92,000), a Fire Truck (\$1,000,000), a Mobile Command Unit (\$100,000), three Patrol Vehicles (\$190,900), and a Strkyer Lift Chair (\$20,000).

Fund 308-Transportation

Transportation projects include:

City Hall: Parking Lot (\$45,000)

Sidewalks & Crosswalks: Crosswalks (\$172,900), Bellemead Sidewalk Repairs & Replacements (\$16,500)

Parks & Recreation: Andrinopolous Parking Lot (\$45,000)

Public Safety: North Entrance Repair & Replacement (\$20,000).

Fund 317-Facility Renewal and Replacement

For FY 2024-25, projects include:

City Emergency Operations Center (\$500,000),

City Hall: HVAC Replacement, First Floor Lobby & Bathroom Repairs and Upgrades (\$75,000), Hurricane Shutters partially funded by a HMGP grant (\$120,000)

Public Works: Spalling Repairs (\$30,000)

Public Safety: Fire Bay CO2 System Replacement (\$75,000), Drywall and Stairwell Flooring and Spalling Repairs and Replacements (\$87,000), Sally Port Repairs & Replacement (\$27,000), Hurricane Shutters fully funded by FEMA Mitigation (\$140,000) and 3046 South Atlantic Avenue (\$1,600,000).

Fund 322-Leisure Service Capital

The funding provided for FY 2024-25 will be utilized for:

McElroy Park: Benches (\$25,000), Lighting for the Park & Bocce Courts (\$30,000), Exercise Equipment (\$14,500), Playground Equipment (\$60,000), and Pickleball Screens (\$10,000).

Community Center: Christmas Tree (\$15,000), Veterans Park Flag Poles (\$18,300), Tennis Court Clay Resurface (\$70,000), Tennis Court Roller (\$11,000), and Lighting for Court Six (\$45,000).

Pavilion Renovations (\$45,000).

Sunshades and Lighting for Turtle Season (\$20,000).

Fund 408-Sewer Vehicles & Equipment Replacement

The FY 2024-25 plan includes the replacement of a Forklift (\$36,000) and Vehicle 169 (\$130,000).

Fund 409-Sewer System Improvements

Annual recurring projects include Slip Lining Sewer Lines, Liftstation Rehabilitation and Generator and Pump Repairs, Upgrades, and Replacements, totaling \$725,000. Non-recurring projects totaling \$10,712,500, pending an SRFL are the Force Main and Liftstation Project, Master Station Odor Control and Roof Replacement, Station 3 Roof Repairs and Upgrades, and Station 1 Garage Door Replacement.

Projects below the CIP threshold of \$10,000 will be included as part of the annual operating budget.

Projects By Funding Source

301 General Improvement Fund

FUND	PROJECT	TOTAL EXPENDITURES	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029
EXPENDITURE							
301	Enterprise Storage Replacement-CH	25,000		25,000			
301	Park Masterplan Switching/wireless Infrastructure Upgrade	150,000	150,000				
301	Virtual Host Replacement	135,000	135,000				
301	FURNITURE REPLACEMENT-CH	25,000	25,000				
301		45,000	45,000				
	TOTAL EXPENDITURES	380,000	355,000	25,000	-	-	-
FUNDING							
	Revenue/Funding Source						
	Ad Valorem Taxes	380,000	355,000	25,000	-	-	-
	TOTAL FUNDING	380,000	355,000	25,000	-	-	-

302 General Vehicles & Equipment

FUND	PROJECT	TOTAL EXPENDITURES	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029
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EXPENDITURE

302	GOLF CART REPLACEMENT	15,000	15,000				
302	NEW MESSAGE BOARD (alternate between the 2)	30,000	30,000				
302	REPLACE GATOR VEH 5	20,000	20,000				
302	REPLACE GENIE SCISSOR LIFT	25,000		25,000			
302	REPLACE KABOTA TRACTOR	50,000	50,000				
302	REPLACE MOWER	12,000		12,000			
302	REPLACE NIFTY LIFT	65,000		65,000			
302	REPLACE VEHICLE 153 (CREW CAB DUMP BED)	95,000		95,000			
302	REPLACE VEHICLE 94	40,000	40,000				
302	SAND BAG FILLER	15,000	15,000				

TOTAL	367,000	170,000	197,000	-	-	-
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FUNDING

Revenue/Funding Source

Ad Valorem Taxes	367,000	170,000	197,000			
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TOTAL	734,000	340,000	394,000	-	-	-
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305 Public Safety Vehicles & Equipment

FUND	PROJECT	TOTAL EXPENDITURES	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029
EXPENDITURE							
305	Administration Vehicles (2)	92,000	92,000				
305	FARO EQUIPMENT	80,000		80,000			
305	Fire Truck	1,000,000	1,000,000				
305	Mobile Command Unit	100,000	100,000				
305	Patrol Vehicles (5)*	998,900	190,900	264,000	269,000	275,000	
305	Rescue Vehicle (1)	96,000		48,000	48,000		
305	STRYKER LIFT CHAIR	20,000	20,000				
	TOTAL	2,386,900	1,402,900	392,000	317,000	275,000	-
FUNDING							
	Revenue/Funding Source						
	Ad Valorem Taxes	1,386,900	402,900	392,000	317,000	275,000	
	Reserves	1,000,000	1,000,000				
	TOTAL	2,386,900	1,402,900	392,000	317,000	275,000	-

308 Transportation

FUND	PROJECT	TOTAL EXPENDITURES	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029
EXPENDITURE							
308	CITY HALL PARKING LOT REPAVE	45,000	45,000				
308	CROSSWALKS	172,900	172,900				
308	FLORIDA SHORES REPAVE	40,000		40,000			
308	OCEANS WEST BLVD REPAVE	340,000		100,000	120,000	120,000	
308	REPAVE ANDRINOPOLOUS PARKING LOT	45,000	45,000				
308	REPAVE BEACHCOMBER PARKING LOT	45,000			45,000		
308	REPOUR BELLEMEAD SOUTH SIDEWALK	16,500	16,500				
308	REPOUR PUBLIC SAFETY NORTH ENTRANCE	20,000	20,000				
TOTAL EXPENDITURES		724,400	299,400	140,000	165,000	120,000	-
FUNDING							
Revenue/Funding Source							
	Ad Valorem Taxes	90,000	45,000	-	45,000	-	
	Local Option Fuel Tax 1 to 5 Cents	36,500	36,500		-		
	Local Option Fuel Tax 1 to 6 Cents (roads)	425,000	45,000	140,000	120,000	120,000	
	Reserves	172,900	172,900				
TOTAL FUNDING		724,400	299,400	140,000	165,000	120,000	-

317 Facilities Renewal & Replacement

FUND	PROJECT	TOTAL EXPENDITURES	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029
EXPENDITURE							
317	3046 S A1A Property	1,600,000	1,600,000				
317	CHAMBER DIAS	60,000		60,000			
317	CITY HALL 1ST FLOOR & BATHROOM	50,000	50,000				
317	CITY HALL AC REPLACEMENT	25,000	25,000				
317	CITY HALL HURRICANE SHUTTERS	120,000	120,000				
317	CS SPALLING REPAIRS	30,000	30,000				
317	EOC Building	4,000,000	500,000	3,500,000			
317	FACILITY BLDG EXPANSION	2,575,000		75,000	500,000	2,000,000	
317	FACILITY BLDG SANDBLASTING/PAINTING GARAGE	50,000			50,000		
317	FACILITY BLDG SPALLING REPAIR/PAINTING	30,000			30,000		
317	FACILITY BLDG REPLACE GARAGE DOORS	60,000			60,000		
317	FIRE BAY CO2 SYSTEM REPLACEMENT	75,000	75,000				
317	PS ANNEX SHUTTERS	30,000		30,000			
317	PS DRYWALL REPAIRS	25,000	25,000				
317	PS HURRICANE SHUTTERS	140,000	140,000				
317	PS SPALLING REPAIRS	50,000	50,000				
317	PS STAIRWELL FLOORING	12,000	12,000				
317	PUBLIC SAFETY A/C REPLACEMENT	100,000					100,000
317	PUBLIC SAFETY SALLY PORT	27,000	27,000				
	TOTAL EXPENDITURES	9,059,000	2,654,000	3,665,000	640,000	2,000,000	100,000
FUNDING							
Revenue/Funding Source							
	Ad Valorem Taxes	1,054,000	314,000		640,000		100,000
	Grants:						
	HMGP-Ian (pending)	3,000,000	500,000	2,500,000			
	HMGP-Nicole (pending)	103,500	103,500				
	ECHO (pending)	600,000	600,000				
	FEMA (pending)	140,000	140,000				
	Reserves	4,161,500	996,500	1,165,000		2,000,000	
	TOTAL FUNDING	9,059,000	2,654,000	3,665,000	640,000	2,000,000	100,000

322 Leisure Services Capital

FUND	PROJECT	TOTAL EXPENDITURES	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029
EXPENDITURE							
322	CHRISTMAS TREE	15,000	15,000				
322	COMMUNITY CENTER A/C REPLACEMENT	100,000		100,000			
322	COMMUNITY CENTER GENERATOR	120,000		120,000			
322	MCELROY BENCHES	25,000	25,000				
322	MCELROY PARK BOCCE LIGHTS	10,000	10,000				
322	MCELROY PARK LIGHTS	20,000	20,000				
322	MCELROY PARK EXERCISE EQUIPMENT	14,500	14,500				
322	NEW LIGHT COURT 6	45,000	45,000				
322	PAVILION RENOVATION	45,000	45,000				
322	PICKLEBALL WINDSCREENS	10,000	10,000				
322	REPLACE PLAYGROUND EQUIPMENT	160,000	60,000	100,000			
322	SUNSHADES/LIGHT BULBS (TURTLE SEASON)	20,000	20,000				
322	TENNIS COURT CLAY RESURFACE	70,000	70,000				
322	TENNIS COURT ROLLER	22,000	11,000	11,000			
322	VETERANS PARK FLAG POLES	18,300	18,300				
TOTAL EXPENDITURES		694,800	363,800	331,000	-	-	-
FUNDING							
Revenue/Funding Source							
	Ad Valorem Taxes	489,800	248,800	241,000	-	-	
	Grant:						
	HMGP-lan	90,000		90,000			
	Reserves	115,000	115,000				
TOTAL FUNDING		694,800	363,800	331,000	-	-	-

408 Sewer Vehicle & Equipment Replacements

FUND	PROJECT	TOTAL EXPENDITURES	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029
EXPENDITURE							
408	200 KW GENERATOR	150,000		150,000			
408	FORKLIFT REPLACE VEH	36,000	36,000				
408	107 BUCKET TRUCK	180,000		180,000			
408	REPLACE VEHICLE 169	130,000	130,000				
408	TELEMETRY	245,700		245,700			
408	VEHICLE 161 REPLACEMENT	45,000				45,000	

TOTAL EXPENDITURES	786,700	166,000	575,700	-	45,000	-
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FUNDING

Revenue/Funding Source						
Sewer Revenues	411,000	36,000	330,000	-	45,000	-
Reserves	375,700	130,000	245,700			

TOTAL FUNDING	786,700	166,000	575,700	-	45,000	-
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409 Sewer System Improvements

FUND	PROJECT	TOTAL EXPENDITURES	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029
EXPENDITURE							
409	FORCEMAIN PROJECT- DESIGN	600,000	600,000				
409	FORCEMAIN PROJECT- PHASE 1	14,000,000	1,000,000	10,000,000	3,000,000		
409	MASTER STATION ODOR CONTROL	568,000	568,000				
409	MASTER REHABILITATION	4,500,000	500,000		4,000,000		
409	MASTER ROOF REPLACEMENT	24,000		24,000			
409	SLIP LINING SEWER LINES	1,250,000	250,000	250,000	250,000	250,000	250,000
409	STATION 3 ROOF REPAIRS	28,500	28,500				
409	STATION 5 REHABILITATION	200,000		200,000			
409	STATION 5 SPARE PUMP	200,000	100,000	100,000			
409	STATION 6,7,9,10 GENERATOR REPLACEMENT	475,000	375,000	100,000			
409	STATION RENOVATIONS	11,000,000	8,000,000	3,000,000			
409	MANHOLE REPLACEMENT	6,000,000		5,000,000	1,000,000		
409	REPLACE GARAGE DOORS STAT 1	16,000	16,000				
TOTAL EXPENDITURES		38,861,500	11,437,500	18,674,000	8,250,000	250,000	250,000
FUNDING							
Revenue/Funding Source							
	Sewer Revenues	1,057,800	33,800	24,000	500,000	250,000	250,000
	Grants:						
	HMGP-Nicole (pending)	377,600	281,300	96,300			
	HMGP-Idalia (pending)	3,225,000		1,600,000	1,625,000		
	Transform 386 (pending)	1,907,000	-	1,907,000			
	Transform 386 (pending)	3,710,000	3,710,000				
	FDEP-Water Quality (pending)	8,260,000		4,880,000	3,380,000		
	SAFHI/SRFL (pending SRFL)	14,550,000	6,551,700	7,998,300			
	Reserves	5,774,100	860,700	2,168,400	2,745,000		
TOTAL FUNDING		38,861,500	11,437,500	18,674,000	8,250,000	250,000	250,000

MINUTES
CITY COMMISSION MEETING
August 27, 2024
3000 Bellemead Drive, Daytona Beach Shores, FL 32118

1. CALL TO ORDER BY MAYOR

Present: Mayor Nancy Miller, Vice Mayor Michael Politis, Commissioner Chris Conomos, Commissioner Mark Card, Commissioner Stephan Dembinsky

Staff: City Manager Kurt Swartzlander, City Clerk Cheri Schwab, City Attorney Paul Waters, Community Services Director Stewart Cruz, Finance Director Lory Irwin, and Public Safety Director Michael Fowler.

2. ROLL CALL BY CITY CLERK

3. PRAYER

4. PLEDGE OF ALLEGIANCE

5. CEREMONIAL ITEMS, PRESENTATIONS AND PUBLIC NOTICES:

6. APPROVAL OF MINUTES

A. City Commission Minutes July 23, 2024

VICE MAYOR MICHAEL POLITIS moved, seconded by COMMISSIONER CHRIS CONOMOS to Approve the City Commission Minutes of July 23, 2024.

Vote: Motion carried by unanimous roll call vote (**summary:** Yes = 5 No = 0).

Yes: Mayor Nancy Miller, Vice Mayor Michael Politis, Commissioner Chris Conomos, Commissioner Mark Card, Commissioner Stephan Dembinsky

B. City Commission Workshop Minutes July 23, 2024

COMMISSIONER CHRIS CONOMOS moved, seconded by VICE MAYOR MICHAEL POLITIS to Approve the City Commission Workshop Minutes of July 23, 2024.

Vote: Motion carried by unanimous roll call vote (**summary:** Yes = 5 No = 0).

Yes: Mayor Nancy Miller, Vice Mayor Michael Politis, Commissioner Chris Conomos, Commissioner Mark Card, Commissioner Stephan Dembinsky

7. CONSENT AGENDA:

A. July Public Safety report

B. Community Services Department Monthly Report - July 2024

C. Approval of Interlocal with County for transportation capacity impacts

D. Seventh Amendment to Agreement Between the City of Daytona Beach Shores and the County of Volusia Regarding the Provision of Fire Suppression Services

E. June and July Executive Financial Report

F. 2616 S. Atlantic Avenue Indemnification Agreement Between 91 ONEIDA, LLC and the City of Daytona Beach Shores

COMMISSIONER STEPHAN DEMBINSKY moved, seconded by COMMISSIONER MARK CARD to Approve the consent agenda.

Vote: Motion carried by unanimous roll call vote (**summary:** Yes = 5 No = 0).

Yes: Mayor Nancy Miller, Vice Mayor Michael Politis, Commissioner Chris Conomos, Commissioner Mark Card, Commissioner Stephan Dembinsky

8. QUASI-JUDICIAL HEARING

A. Regular Site Plan RSP12023048: SHORES DEPOT - ALL ABOARD STORAGE Interior Storage Facility, 2616 S. Atlantic Avenue

Community Services Director Stewart Cruz read the agenda item for the record. He explained that due to a posting issue the item would need to be continued until the next scheduled meeting.

VICE MAYOR MICHAEL POLITIS moved, seconded by COMMISSIONER STEPHAN DEMBINSKY to Continue the Site Plan RSP12023048 until the next regular meeting on September 9, 2024.

Vote: Motion carried by unanimous roll call vote (**summary:** Yes = 5 No = 0).

Yes: Mayor Nancy Miller, Vice Mayor Michael Politis, Commissioner Chris Conomos, Commissioner Mark Card, Commissioner Stephan Dembinsky

9. OLD BUSINESS:

A. Ordinance 2024-20 Service Use Charge-Lien for Unpaid Bills

The City Attorney read the ordinance by title only. Director Lory Irwin explained this was the second reading and there had been no changes.

COMMISSIONER CHRIS CONOMOS moved, seconded by VICE MAYOR MICHAEL POLITIS to Adopt Ordinance 2024-20 on second reading.

Vote: Motion carried by unanimous roll call vote (**summary:** Yes = 5 No = 0).

Yes: Mayor Nancy Miller, Vice Mayor Michael Politis, Commissioner Chris Conomos, Commissioner Mark Card, Commissioner Stephan Dembinsky

10. NEW BUSINESS:

A. Resolution 2024-12 Certifying Election Results

The City Attorney read the resolution by title only. It was explained that this was a charter referendum regarding extending term limits that failed.

VICE MAYOR MICHAEL POLITIS moved, seconded by COMMISSIONER CHRIS CONOMOS to

Adopt Resolution 2024-12 on first reading.

Vote: Motion carried by unanimous roll call vote (**summary:** Yes = 5 No = 0).

Yes: Mayor Nancy Miller, Vice Mayor Michael Politis, Commissioner Chris Conomos, Commissioner Mark Card, Commissioner Stephan Dembinsky

B. Consideration of Employee Raises

This was a discussion item during the last workshop. The consensus was to award every employee with a \$1.30 per hour increase on October 1st and again on April 1st. The standard merit increase proposed, based on the employee's evaluation score, would also be awarded effective October 1st. This would be an increase to the budget in the amount of \$40,900. The entire city commission stated their appreciation of the employees. They wish to retain the current staff who work hard making the city look beautiful.

COMMISSIONER STEPHAN DEMBINSKY moved, seconded by COMMISSIONER MARK CARD to Approve Consideration of Employee Raises.

Vote: Motion carried by unanimous roll call vote (**summary:** Yes = 5 No = 0).

Yes: Mayor Nancy Miller, Vice Mayor Michael Politis, Commissioner Chris Conomos, Commissioner Mark Card, Commissioner Stephan Dembinsky

C. Consideration of City Manager Salary Increase

Per the City Manager's contract, the City Manager should receive any increase granted across the board to all salaried city employees. An increase of \$1.30 will be awarded on Oct 1st and again on April 1st.

COMMISSIONER MARK CARD moved, seconded by COMMISSIONER CHRIS CONOMOS to Approve the same increase for the City Manager as all other employees per the contract.

Vote: Motion carried by unanimous roll call vote (**summary:** Yes = 5 No = 0).

Yes: Mayor Nancy Miller, Vice Mayor Michael Politis, Commissioner Chris Conomos, Commissioner Mark Card, Commissioner Stephan Dembinsky

D. Approval of New City Manager Evaluation Form

This evaluation form was thoroughly discussed at the last workshop and given consensus approval. The City Manager has also agreed to this new format beginning in 2025.

COMMISSIONER CHRIS CONOMOS moved, seconded by VICE MAYOR MICHAEL POLITIS to Approve the New City Manager Evaluation Form.

Vote: Motion carried by unanimous roll call vote (**summary:** Yes = 5 No = 0).

Yes: Mayor Nancy Miller, Vice Mayor Michael Politis, Commissioner Chris Conomos, Commissioner Mark Card, Commissioner Stephan Dembinsky

E. Consideration of moving Alternate Member to Regular status for Planning & Zoning Board

Mayor Miller stated that Jeni Groot-Begnaud had resigned due to out-of-state employment. There are currently two alternates on the board, Guy Desai and Chris Pollard, who both wish to be moved to regular status. The Mayor explained that Mr. Desai had more seniority as an alternate and would like to appoint him.

VICE MAYOR MICHAEL POLITIS moved, seconded by COMMISSIONER CHRIS CONOMOS to Appoint Alternate Member Guy Desai to Regular status on the Planning & Zoning Board.

Vote: Motion carried by unanimous roll call vote (**summary:** Yes = 5 No = 0).

Yes: Mayor Nancy Miller, Vice Mayor Michael Politis, Commissioner Chris Conomos, Commissioner Mark Card, Commissioner Stephan Dembinsky

F. Discussion on Andrinopoulos Park naming rights

City Attorney Paul Waters provided background on the naming of Andrinopoulos Park. When the property was purchased in 2005, it included a provision to name the park after his family. Mr. Andrinopoulos would like to sell the naming rights back to the city for \$250,000. Vice Mayor Politis suggested advertising it for any business or resident to purchase the rights. They could make an offer to Mr. Andrinopoulos directly. The remaining commissioners felt that would put the city in the middle of negotiations. It was also discussed that a name the city didn't approve of could be chosen by the buyer.

COMMISSIONER STEPHAN DEMBINSKY moved, seconded by COMMISSIONER MARK CARD to Approve Discussion on Andrinopoulos Park naming rights.

Vote: Motion carried by unanimous roll call vote (**summary:** Yes = 4 No = 0).

Yes: Mayor Nancy Miller, Commissioner Chris Conomos, Commissioner Mark Card, Commissioner Stephan Dembinsky

11. CITY ATTORNEY COMMENTS

The City Attorney had no additional comments.

12. CITY MANAGER COMMENTS

City Manager Kurt Swartzlander thanked the employees for their hard work and was very appreciative of the pay increases. The update for Live Meeting Manager is ready to be utilized. He proposed a training workshop before the next meeting to show everyone how it works. An update on dune walkovers was provided. He was approached by a citizen who would like to hold community condominium meetings at the Community Center to discuss the new state requirements. There was a concern that if a fee wasn't charged, it was not fair to HOA groups that want to meet and are charged. The Mayor would like the citizen to come before the commission with a more formal request. Mr. Swartzlander said he had the privilege and honor of swearing in Nancy Miller as the President of the FL League of Mayors last week. Finally, the County just announced that Peck Park will re-open on Saturday, August 31st.

13. COMMISSION COMMENTS:

Mayor Miller announced the next Coffee with the Mayor would be Sept. 11th. The guest speaker will be Sheriff Mike Chitwood. On Sept. 21st, the County Coastal Cleanup will occur. Commissioner Dembinsky would like an item on the next agenda regarding condominiums on the oceanside with damage to their seawalls. The county is requiring that vegetation and sand be placed on the eastern side of the new seawall for protection. He is concerned because most tides come up to the seawall and everything will get washed away. This could become very costly to maintain. The other option the county provided was to pay them to handle the situation. City staff have been in touch with both county staff and councilmembers regarding the issue.

14. AUDIENCE REMARKS/PUBLIC COMMENTS:

Ed Offerman stated that he appreciated the employees and the hard work they do. He commended the commission for the extra increase they awarded all employees. He thanked the commission for their discussion regarding Andrinopoulos Park and was appreciative they didn't spend tax dollars on the rights. Mr. Offerman was very concerned about the county requiring most condos to supply sand and plants to rebuild the beach on the eastern side of the seawalls. He has reached out to the

County Council and will continue to do so.

Sandy Cook felt any community condominium meeting should occur at a neutral site like the Drive In Church. She felt that the individual condominiums didn't have enough parking to hold a gathering in the social room.

15. ITEMS RECOMMENDED FOR THE NEXT AGENDA:

Discussion on condominium fees to the county for sand and vegetation.

16. ADJOURNMENT:

The meeting ended at 7:16 pm .

**MAYOR
NANCY MILLER**

**CITY MANAGER
KURT D. SWARTZLANDER**

ATTEST:

CITY CLERK, CHERI SCHWAB



CITY COMMISSION AGENDA MEMORANDUM SEPTEMBER 9, 2024 AGENDA

TO: Honorable Mayor and Members of the City Commission

FROM: Gwyn Herstein, City Planner

PREPARED BY: Cheri Schwab, City Clerk

SUBJECT: Regular Site Plan RSP12023048: SHORES DEPOT - ALL ABOARD STORAGE Interior Storage Facility, 2616 S. Atlantic Avenue

SYNOPSIS:

NOTE: This item is a continuation from the August 27, 2024, City Commission meeting. The item was continued due to a noticing error. The error has since been corrected.

On September 25, 2023, applicant Andy Clark, Manager of 2616 Atlantic LLC (formerly 91 Oneida LLC), submitted Regular Site Plan application RSP12023048. The site plan, if approved, would facilitate construction of a 3-story 36,104 sq ft interior storage facility called "Shores Depot - All Aboard Storage." The development site is located on the west side of the parcel of land at located at 2616 S. Atlantic Avenue. This site has a total acreage of 1.56 acres and a street frontage of 221.9 feet along South Atlantic Avenue. A total of 123 interior storage units of various sizes are currently planned for this building.

FISCAL IMPACT STATEMENT:

No impact on this current years' budget.

BACKGROUND:

See attached Planning Analysis.

LEGAL REVIEW:

RECOMMENDATION:

Staff recommends approval of Regular Site Plan RSP12023048 as presented, with the conditions identified in Exhibit H.

SUGGESTED MOTION:

A City Commissioner may move as follows:

1. "I move to approve the SHORES DEPOT - ALL ABOARD STORAGE Interior Storage Facility Project Site Plan, RSP12023048, as presented, with the conditions identified in Exhibit H."

OR

2. "I move to approve the SHORES DEPOT - ALL ABOARD STORAGE Interior Storage Facility Project Site Plan, RSP12023048, with the following conditions on the basis of the following..."

OR

3. "I move to deny the SHORES DEPOT - ALL ABOARD STORAGE Interior Storage Facility Project Site Plan, RSP12023048, on the basis of the following..."

- ATTACHMENT:**
1. Shores Depot - All Aboard Storage, RSP12023048 APPLICATION and CHANGE OF BUSINESS NAME
 2. Shores Depot - All Aboard Storage, RSP12023048 PLAN SET
 3. Shores Depot - All Aboard Storage, RSP12023048 COLOR ELEVATIONS
 4. Shores Depot - All Aboard Storage, RSP12023048 PLANNING ANALYSIS and EXIBITS A-I



City of Daytona Beach Shores

Building & Codes Division
Department of Community Services
Telephone: (386) 763-5377
Fax (386) 763-5370

SPR#: 12023048
FEE
Amt: \$ 827.00
Reviewed By: Gwyn Hurst
Date: 8-7-2024

SITE PLAN REVIEW APPLICATION RECEIVED

12023048 04 28 16

SEP 25 2023

BUILDING AND CODES DIVISION
CITY OF DAYTONA BEACH SHORES

Project Name: Shores Depot

Project Location (Address): 2616 S Atlantic Ave

Parcel #/s: 15-33-22-00-04-0140 & 15-33-22-00-04-0170

Property Owner's Name: 91 ONEIDA LLC

5122-00-04-0140

(If Applicant is not owner, attach authorization affidavit)

Applicant/Developer Name: Andy Clark, Manager of 91 ONEIDA LLC

Mailing Address: 5111 South Ridgewood Ave, Suite 201, Port Orange, FL 31227

Phone: 386-236-1970

Fax: _____

Project Coordinator: Brad Donley, PE

Mailing Address: 1230 N US HWY 1, Suite 3, Ormond Beach, FL 32174

Phone: 386-872-7794

Fax: _____

APPLICATION TYPE:

- ☐ Conceptual Plan Review
☐ Administrative Site Plan Review (Projects must be 5000 sq. ft. GFA or Less)
☒ Regular Site Plan Review (Projects must be greater than 5000 sq. ft. GFA)
☐ Follow up review of previously submitted site plan/ and or amendments to site plan
☐ Site Plan Extension

Proposed Use: Mini-Warehouse & Commercial

Property Size (Acres & Square Footage): 1.564 ac, 68,135 sf

Proposed GFA (Gross Floor Area) of project: 36,104 sf

Submitted By: Brad Donley, PE

Date: 9/20/23

No applications, drawings, etc. will be accepted until all application fees are paid.

ARTICLES OF AMENDMENT
TO
ARTICLES OF ORGANIZATION
OF

91 ONEIDA LLC

(Name of the Limited Liability Company as it now appears on our records.)
(A Florida Limited Liability Company)

The Articles of Organization for this Limited Liability Company were filed on 05/06/2020 and assigned
Florida document number L20000143256.

This amendment is submitted to amend the following:

A. If amending name, enter the new name of the limited liability company here:

2616 ATLANTIC LLC

The new name must be distinguishable and contain the words "Limited Liability Company," the designation "LLC" or the abbreviation "L.L.C."

Enter new principal offices address, if applicable:

(Principal office address MUST BE A STREET ADDRESS)

Enter new mailing address, if applicable:

(Mailing address MAY BE A POST OFFICE BOX)

FILED
2024 APR 29 PM 12:20
SECRETARY OF STATE
TALLAHASSEE, FL

B. If amending the registered agent and/or registered office address on our records, enter the name of the new registered agent and/or the new registered office address here:

Name of New Registered Agent:

New Registered Office Address:

Enter Florida street address

_____, Florida _____
City Zip Code

New Registered Agent's Signature, if changing Registered Agent:

I hereby accept the appointment as registered agent and agree to act in this capacity. I further agree to comply with the provisions of all statutes relative to the proper and complete performance of my duties, and I am familiar with and accept the obligations of my position as registered agent as provided for in Chapter 605, F.S. Or, if this document is being filed to merely reflect a change in the registered office address, I hereby confirm that the limited liability company has been notified in writing of this change.

If Changing Registered Agent, Signature of New Registered Agent

If amending Authorized Person(s) authorized to manage, enter the title, name, and address of each person being added or removed from our records:

MGR = Manager

AMBR = Authorized Member

<u>Title</u>	<u>Name</u>	<u>Address</u>	<u>Type of Action</u>
_____	_____	_____	☐ Add
		_____	☐ Remove
		_____	☐ Change
_____	_____	_____	☐ Add
		_____	☐ Remove
		_____	☐ Change
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		_____	☐ Change
_____	_____	_____	☐ Add
		_____	☐ Remove
		_____	☐ Change

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

(If an effective date is listed, the date must be specific and cannot be prior to date of filing or more than 90 days after filing.) Pursuant to 605.0207 (3)(b)

If the record specifies a delayed effective date, but not an effective time, at 12:01 a.m. on the earlier of: (b) The 90th day after the record is filed.

[Signature]

Douglas Andrew Clark

Typed or printed name of signee

INDEX OF SHEETS	
SHEET No.	SHEET TITLE
01	COVER
02	SURVEY
03	DEVELOPMENT INFORMATION
04	DEMOLITION AND SWPPP PLAN
05	SWPPP DETAILS
06	SITE LAYOUT PLAN
07	SITE GRADING AND DRAINAGE PLAN
08	CROSS SECTIONS
09	SITE UTILITY PLAN
10	UTILITY DETAILS
11	CITY OF DAYTONA BEACH DETAILS
12	CITY OF DAYTONA BEACH DETAILS 2
13	MISCELLANEOUS DETAILS
14	MAINTENANCE OF TRAFFIC
15	AUTOTURN PLAN - FIRE
16	AUTOTURN PLAN -TRASH
L1	LANDSCAPE PLAN
L2	LANDSCAPE DETAILS
L3	IRRIGATION PLAN
L4	IRRIGATION DETAILS

SITE PLAN DRAWINGS FOR

ALL ABOARD STORAGE

SHORES DEPOT

SECTION 02, TOWNSHIP 16S, RANGE 33E
15-33-22-00-04-0140 AND 15-33-22-00-04-0170
2616 SOUTH ATLANTIC AVENUE
DAYTONA BEACH SHORES, FL 32118
SEPTEMBER 2023
REVISED JULY 2024

PROJECT TEAM

PROPERTY OWNER & APPLICANT: 91 ONEIDA LLC
5111 SOUTH RIDGEWOOD AVENUE, SUITE 201
PORT ORANGE, FL 32127
PHONE: (386) 236-1970
EMAIL: ACLARK@GOALLABOARD.COM

ENGINEER/ PROJECT MANAGER/ LANDSCAPE ARCHITECT: NEWKIRK ENGINEERING, INC.
1230 NORTH HIGHWAY 1, SUITE 3
ORMOND BEACH, FL 32174
PHONE: (386) 872-7794
EMAIL: GBOGART@NEWKIRK-ENGINEERING.COM

ARCHITECT: BPF DESIGN INCORPORATED.
207 FAIRVIEW AVENUE
DAYTONA BEACH, FL 32114
PHONE: (386) 257-0502
EMAIL: BPFDESIGN@CFL.RR.COM

SURVEYOR: J.J. MATEJKA AND ASSOCIATES
408 HARVEY AVENUE
DAYTONA BEACH, FL 32118
PHONE: (386) 252-7371
EMAIL: JOHN.MATEJKA@OUTLOOK.COM

CONTACT NUMBERS

BUILDING & PERMITS - CITY OF DAYTONA BEACH SHORES BUILDING DIVISION (386) 763-5377
PLANNING & ZONING - CITY OF DAYTONA BEACH SHORES PLANNING DEPT. (386) 763-5376
WATER - CITY OF CITY OF DAYTONA BEACH (386) 671-8827
WASTEWATER - CITY OF DAYTONA BEACH SHORES SEWER UTILITY DIVISION (386) 763-5366
GAS - TECO PEOPLES GAS - (813) 275-3783
ELECTRIC - FLORIDA POWER & LIGHT (386) 586-6403
TELEPHONE/CABLE - AT&T (386) 257-7950
CABLE - SPECTRUM (386) 788-4198

LEGAL DESCRIPTION

PART OF GOVERNMENT LOT 4, SECTION 22, TOWNSHIP 15 SOUTH, RANGE 33 EAST, VOLUSIA COUNTY, FLORIDA AND PART OF LOTS 188, 190, 194 AND 196 OF BUILDING 16, SEA HAVENS, OF RECORD IN MAP BOOK 40, PAGE 151, PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA, ALL BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE NORTH LINE OF SAID GOVERNMENT LOT 4 WITH THE WESTERLY RIGHT OF WAY LINE OF SOUTH ATLANTIC AVENUE (FORMERLY OCEAN SHORE BOULEVARD), ALSO BEING STATE ROAD A-1-A, AN 80 FOOT RIGHT OF WAY AS NOW LAID OUT; THENCE S23° 44' 47"E ALONG SAID WESTERLY RIGHT OF WAY LINE, 543.87 FEET TO THE POINT OF BEGINNING; THENCE S89° 28' 40"W, 199.81 FEET TO A POINT IN THE EASTERLY LINE OF SAID LOT 190; THENCE S23° 46' 32"E ALONG THE EASTERLY LINE OF SAID LOTS 190 AND 188 AND THE SOUTHERLY EXTENSION THEREOF, 74.90 FEET TO A POINT IN THE SOUTH LINE OF THE NORTH 618.92 FEET WEST OF AND MEASURED ON SAID WESTERLY RIGHT OF WAY LINE OF SOUTH ATLANTIC AVENUE, OF SAID GOVERNMENT LOT 4; THENCE S89° 28' 06"W ALONG SAID LINE, 100.37 FEET TO A POINT IN THE WESTERLY LINE OF THE EAST 300 FEET WEST OF SAID SOUTH ATLANTIC AVENUE; THENCE N23° 43' 07"W ALONG SAID LINE, 296.79 FEET; THENCE N89° 26' 13"E, 300.00 FEET TO A POINT IN THE WESTERLY RIGHT OF WAY LINE OF SAID SOUTH ATLANTIC AVENUE; THENCE S23° 44' 47"E ALONG SAID WESTERLY RIGHT OF WAY LINE, 221.93 FEET TO THE POINT OF BEGINNING. CONTAINING 1.564 ACRES MORE OR LESS.

PROJECT STATEMENT

PROPOSE AN EXPANSION OF AN EXISTING SHERWIN WILLIAMS RETAIL STORE PROPERTY TO ADD A 3-STORY CLIMATE CONTROLLED SELF-STORAGE FACILITY ON 1.56± TOTAL ACRES. THE DEVELOPMENT WILL HAVE A TOTAL OF 1.19 ACRES OF IMPERVIOUS SURFACE. ADDITIONAL IMPROVEMENTS ARE LANDSCAPING, PARKING AREA ALTERATIONS, SITE GRADING, AND A FIRE SERVICE WITH HYDRANT AND FIRE DEPARTMENT CONNECTION.

JURISDICTIONAL AGENCY PERMIT No.

CITY OF DAYTONA BEACH SHORES (DEVELOPMENT ORDER) .
SJRWMD ERP (10-2 SELF CERTIFICATION) 0448295001EG
FDOT (DRAINAGE) 2023-D-591-00059
FDOT (ACCESS) 2023-A-591-00058

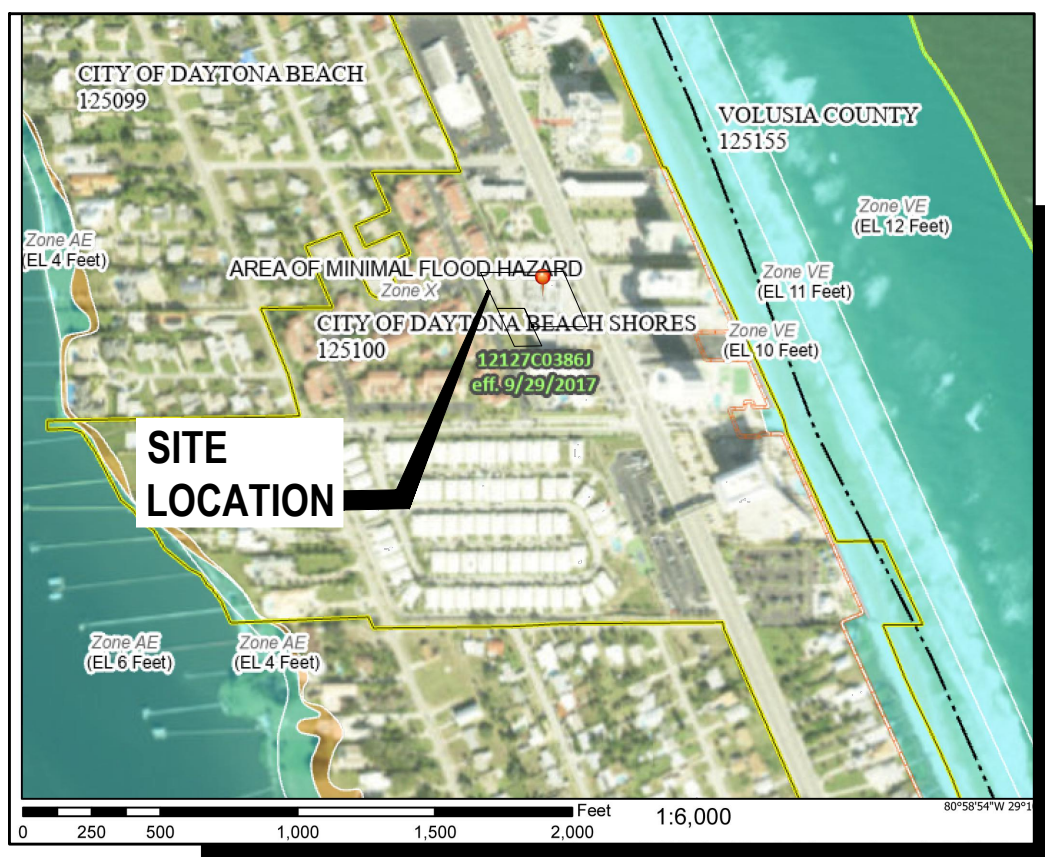
THE GENERAL CONTRACTOR SHALL ENSURE THAT ANY SUBCONTRACTOR HAS A COMPLETE SET OF CONSTRUCTION DRAWINGS FOR ITS RESPECTIVE WORK. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR SUBCONTRACTORS ONLY UTILIZING INDIVIDUAL DRAWINGS FOR ITS WORK WHERE ADDITIONAL INFORMATION MAY BE CONTAINED ON OTHER DRAWINGS WITHIN THE SET.

THESE DRAWINGS ARE THE PROPERTY OF NEWKIRK ENGINEERING, INC. ANY USE OR REPRODUCTION IN WHOLE OR PART IS PROHIBITED WITHOUT THE EXPRESSED WRITTEN CONSENT OF NEWKIRK ENGINEERING, INC. COPYRIGHT 2013 ALL RIGHTS RESERVED.



AERIAL MAP

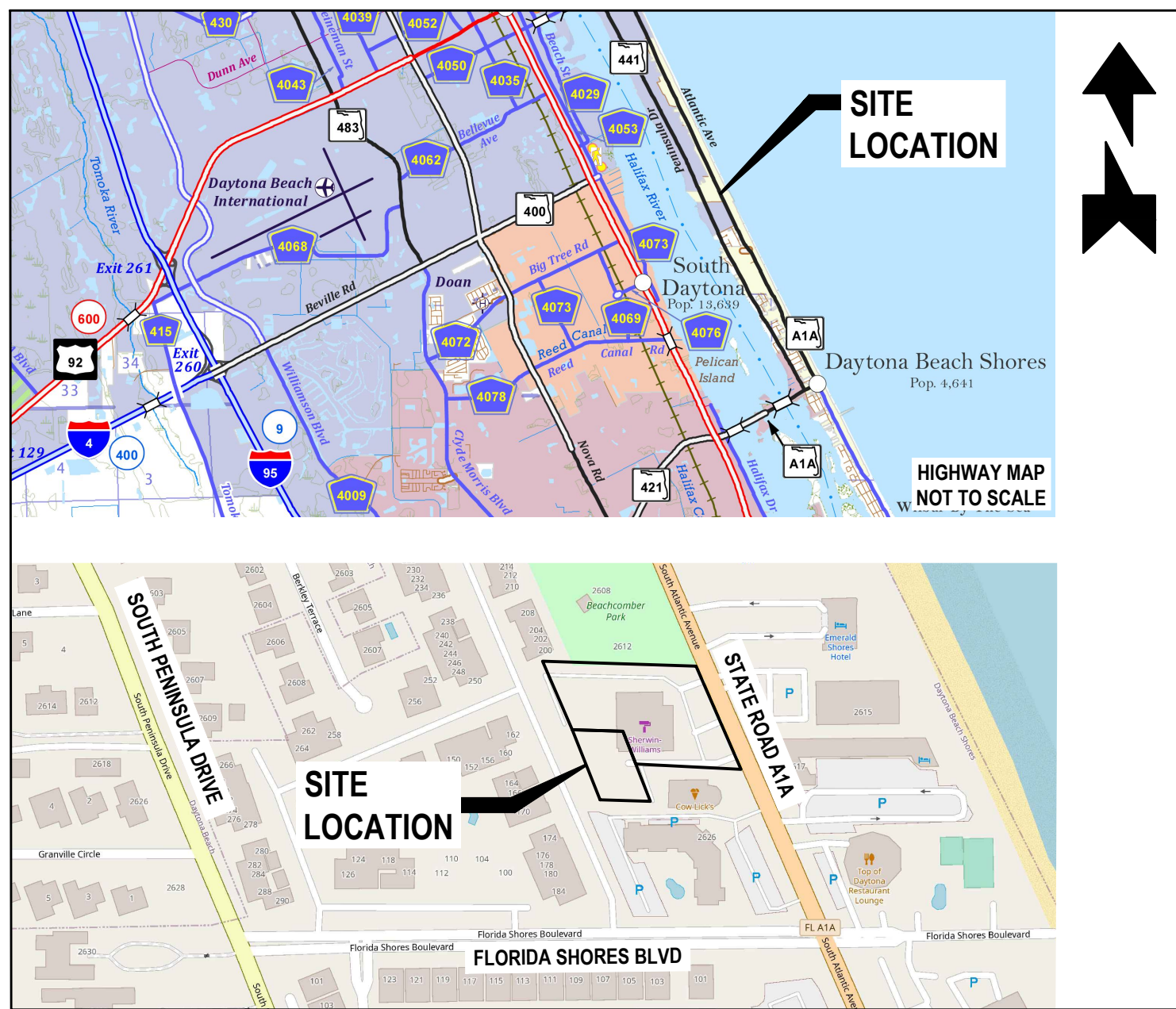
SCALE: 1" = 250'



FLOOD ZONE MAP

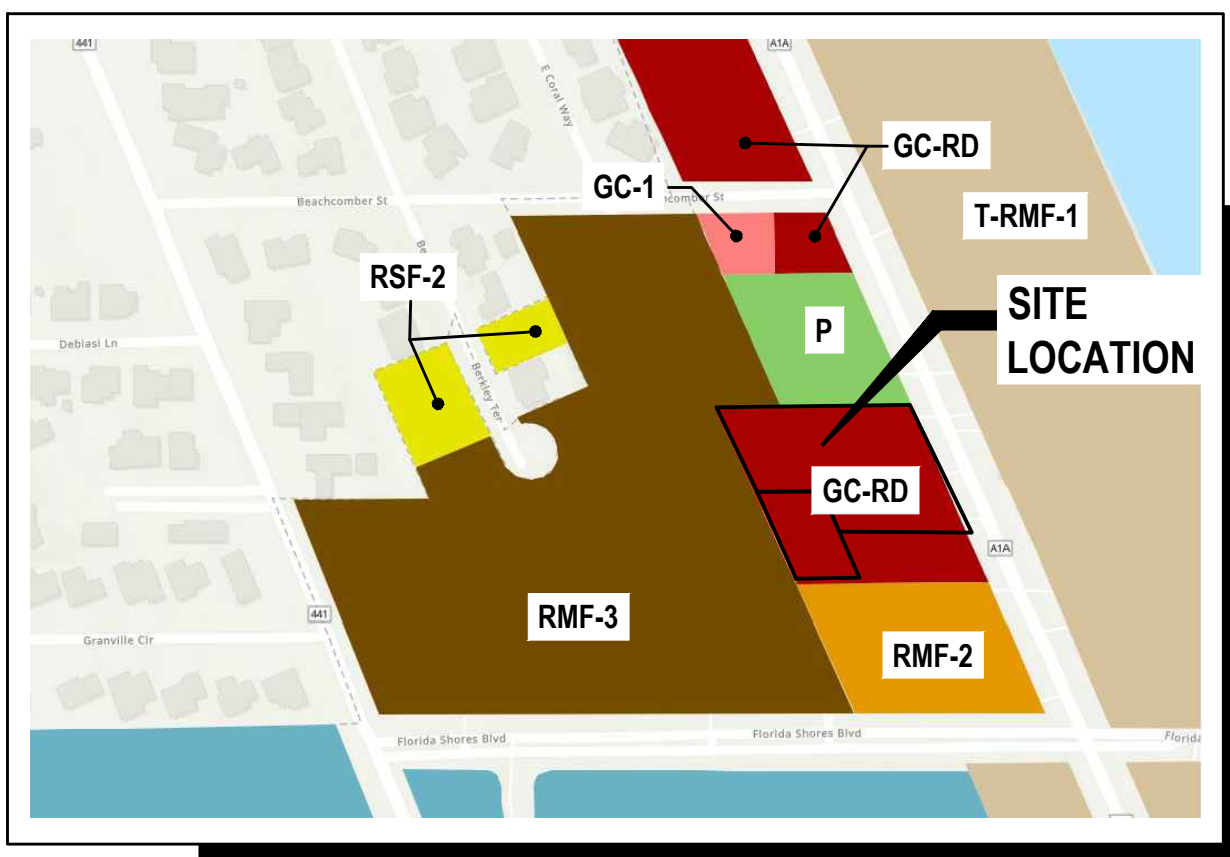
SCALE: 1" = 700'

FLOOD ZONE "X"
PANEL No. 12127C0386J, EFF. 9/29/2017



LOCATION MAP

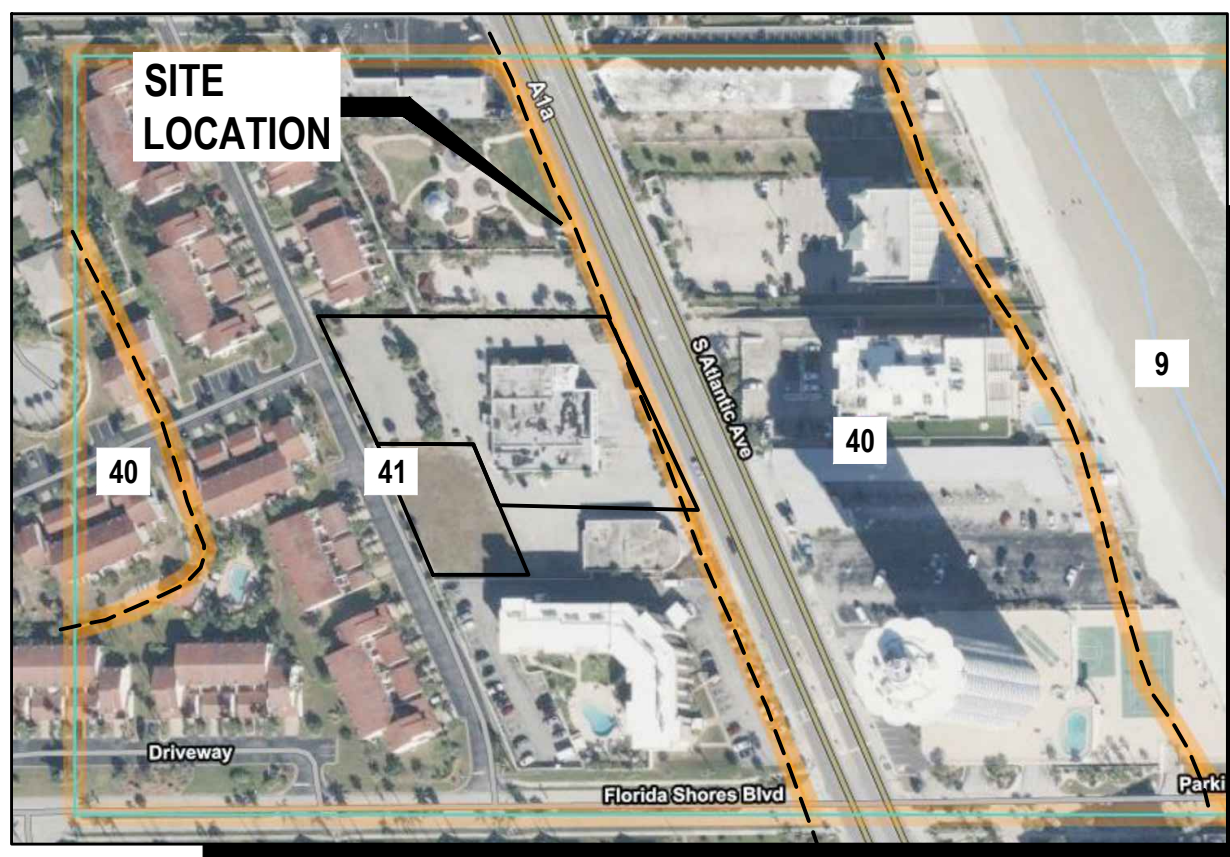
SCALE: 1" = 200'



ZONING MAP

SCALE: 1" = 300'

ZONING : GC-RD (GENERAL COMMERCIAL - REDEVELOPMENT)



SOILS MAP

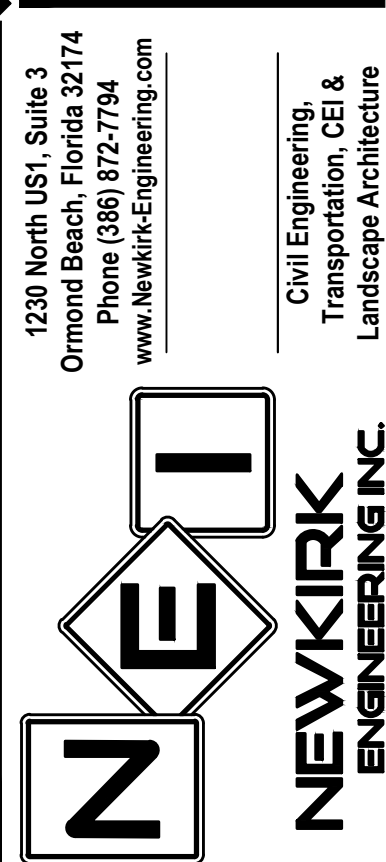
SCALE: 1" = 200'

SOIL TYPES: (40) PALM BEACH-URBAN LAND-PAOLA COMPLEX, 0 TO 8 PERCENT SLOPES
(41) PALM BEACH-PAOLA ASSOCIATION, 2 TO 8 PERCENT SLOPES



WARNING !!

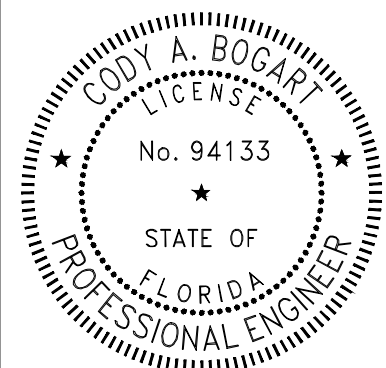
CONTRACTOR SHALL TAKE ALL PRECAUTIONS DURING CONSTRUCTION TO AVOID CONTACT WITH EXISTING UNDERGROUND UTILITIES AND OVERHEAD ELECTRIC IN THE RIGHT-OF-WAY.



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THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY
CODY A. BOGART, PE # 94133 ON

Digitally signed by Cody A. Bogart
Date: 2024.08.19 11:45:24 -0400



PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

DRAWING NUMBER

01



GOVERNMENT LOT 4, SECTION 22, TOWNSHIP 15 SOUTH, RANGE 33 EAST, BEACHSIDE	
FOR: ALL ABOARD PROPERTIES 5111 SOUTH RIDGEWOOD AVENUE SUITE 201 PORT ORANGE, FLORIDA	BY: J. J. MATEJKA & ASSOCIATES, INC. PROFESSIONAL SURVEYORS & MAPPER 408 HARVEY AVENUE DAYTONA BEACH, FLORIDA PLAT #22X1

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GENERAL CONSTRUCTION NOTES

1.

GOVERNING SPECIFICATIONS: THE CITY OF DAYTONA BEACH SHORES LAND DEVELOPMENT CODE, CITY OF DAYTONA BEACH AND PORT ORANGE STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS, LATEST EDITION.
2.

ALL CONSTRUCTION WITHIN THE FDOT RIGHT-OF-WAY SHALL CONFORM TO THE 2023-2024 EDITION OF THE FDOT DESIGN STANDARD PLANS, THE 2019 EDITION OF THE FDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION AND THE 2017 EDITION OF THE FDOT UTILITY ACCOMMODATIONS MANUAL.
3.

ALL UTILITY MATERIAL, CONSTRUCTION AND TESTING COVERED BY THESE DRAWINGS SHALL COMPLY WITH THE CITY OF PORT ORANGE STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS, LATEST EDITION. ALL UTILITY WORK AND CONNECTIONS SHALL BE COORDINATED WITH THE THE CITY OF DAYTONA BEACH SHORES INSPECTOR.
4.

THE CONTRACTOR SHALL PAY FOR AND OBTAIN A BUILDING PERMIT. THE ENGINEER WILL SCHEDULE THE PRECONSTRUCTION CONFERENCE BEFORE THE CONTRACTOR'S START OF WORK. THE CONTRACTOR SHALL CONTACT THE BUILDING DEPARTMENT AT (386) 763-5377 FOR INFORMATION ON ISSUANCE OF CITY PERMITS AND / OR OTHER REQUIREMENTS.
5.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF ANY DEFICIENCIES OR DISCREPANCIES AMONG THE DIVISIONS OF THE DRAWING AND SPECIFICATIONS PRIOR TO THE BID DATE. NEITHER THE OWNER OR ENGINEER WILL BE RESPONSIBLE FOR ANY DEFICIENCIES OR DISCREPANCIES RAISED AFTER THE BID OPENING. ACCORDINGLY, IN LIGHT OF THESE OBLIGATIONS, THE ENGINEER IS OBLIGATED TO INTERPRET THE DRAWINGS AND SPECIFICATIONS IN A MANNER THAT WILL PROVIDE THE OWNER WITH A COMPLETE, FUNCTIONING FACILITY FOR THE BID PRICE.
6.

THESE DRAWINGS AND THE PROJECT MANUAL ARE COMPLEMENTARY, AND ANY REQUIREMENT OF ONE SHALL BE A REQUIREMENT OF THE OTHER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CAREFULLY EXAMINE THE DRAWINGS AND SPECIFICATIONS AND TO COMPARE THE REQUIREMENTS OF EACH DIVISION AND ENSURE THAT EACH TRADE OR SUBCONTRACTOR IS MAKING THE ALLOWANCES NECESSARY TO PROVIDE THE OWNER A COMPLETE FACILITY, OPERATIONAL IN ALL RESPECTS, UNLESS OTHERWISE SPECIFICALLY STATED IN THE DRAWINGS.
7.

THE ENGINEER ASSUMES NO RESPONSIBILITY FOR INSTRUCTING THE CONTRACTOR IN THE METHODS OF CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE METHOD TO CONSTRUCT THE IMPROVEMENTS AS SHOWN ON THE PLANS.
8.

ONLY ONE TEMPORARY CONSTRUCTION SIGN IS PERMITTED, NOT TO EXCEED 32 SQUARE FEET IN SIGN AREA, MAXIMUM HEIGHT OF 8 FEET AND NO CLOSER THAN 10 FT FROM PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL APPLY FOR A TEMPORARY SIGN PERMIT AT THE THE CITY OF DAYTONA BEACH SHORES BUILDING DEPARTMENT. THE SIGN MUST BE REMOVED UPON RECEIPT OF THE CERTIFICATE OF OCCUPANCY.
9.

LITTER CONTROL MEASURES TO PREVENT WIND-DRIVEN DEBRIS SHALL BE IMPLEMENTED THROUGHOUT THE DURATION OF CONSTRUCTION. ALL DEBRIS SHALL BE REMOVED AND THE PROJECT SITE CLEANED WITHIN 30 DAYS OF COMPLETION OF CONSTRUCTION.
10.

AT NO TIME SHALL EXCAVATIONS BE LEFT UNCOVERED AFTER WORKING HOURS. CONTRACTOR SHALL SECURE THE WORK AREA AT THE END OF EACH DAY'S WORK.
11.

AT ALL TIMES, THE CONTRACTOR SHALL TAKE PRECAUTIONS TO PROTECT UNDERGROUND UTILITIES, STRUCTURES AND OTHER ASSOCIATED FACILITIES FROM DAMAGE DURING CONSTRUCTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE MEASURES OF PROTECTION. ANY DAMAGED FACILITIES SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE CITY OR ENGINEER AT THE CONTRACTORS EXPENSE.
12.

THERE SHALL BE NO DEVIATIONS FROM THESE PLANS UNLESS APPROVED IN WRITING BY THE ENGINEER AND THE OWNER.
13.

THE CONTRACTOR SHALL CONTACT ALL CONCERNED UTILITIES AT LEAST FORTY- EIGHT (48) HOURS IN ADVANCE OF CONSTRUCTION OPERATIONS.
14.

CONTRACTOR SHALL COORDINATE AND COMPLY WITH ALL UTILITY COMPANIES INVOLVED IN PROJECT AND PAY ALL REQUIRED FEES AND COST.
15.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING CERTIFIED MATERIAL TEST RESULTS TO THE ENGINEER OF THE RECORD PRIOR TO THE RELEASE OF FINAL CERTIFICATION BY THE ENGINEER, TEST RESULTS MUST INCLUDE, BUT MAY NOT BE LIMITED TO, DENSITIES FOR SUBGRADE AND BASE DENSITIES AT UTILITY CROSSINGS, MANHOLES, INLETS, STRUCTURES. TEST SHALL INCLUDE ASPHALT GRADATION REPORTS, CONCRETE CYLINDERS, ETC.
16.

WHERE NEW ASPHALT MEETS EXISTING ASPHALT, THE EXISTING ASPHALT SHALL BE SAW CUT TO PROVIDE A STRAIGHT EVEN LINE.
17.

PRIOR TO REMOVING CURB OR GUTTER, THE ADJACENT ASPHALT SHALL BE SAW CUT TO PROVIDE A STRAIGHT EVEN LINE.
18.

ALL PROPOSED ELEVATIONS REFER TO FINISHED GRADES.
19.

CONCRETE WALKS SHALL BE 4 INCHES THICK HAVING A 3,000 PSI STRENGTH, POURED OVER PROPERLY PREPARED SUBGRADE. ALL CONCRETE SIDEWALKS SHALL BE 8 INCHES THICK ACROSS DRIVEWAYS. 1/2 INCH EXPANSION JOINTS SHALL BE PLACED AT A MAXIMUM OF 50'. CRACK CONTROL JOINTS SHALL BE 5' ON CENTERS.
20.

CORE TESTS SHALL BE TAKEN TO VERIFY THICKNESS AND SUBSURFACE COMPACTION. PROVIDE FOR THREE SAMPLES, RANDOMLY LOCATED. TEST FOR EXTRACTION, GRADATION, LABORATORY DENSITY, AND MARSHALL'S STABILITY. PROVIDE A CERTIFICATE FROM THE TESTING AGENCY THAT MATERIALS AND INSTALLATION COMPLY WITH SPECIFICATIONS, SIGNED BY THE ASPHALTIC CONCRETE PRODUCER AND CONTRACTOR. ALL COSTS OF TESTS SHALL BE PAID BY THE CONTRACTOR. IF TESTS SHOW THE INSTALLATION DOES NOT MEET SPECIFICATIONS, THE PAVING SHALL BE REMOVED, REPLACED, AND RETESTED.
21.

IF ANY MUCK-LIKE MATERIAL IS DISCOVERED, IT WILL BE REQUIRED TO BE REMOVED, BACKFILLED WITH APPROPRIATE FILL, COMPACTED, AND TESTED USING AASHTO T-180 MODIFIED PROCTOR METHOD.
22.

FILL MATERIAL IS TO BE PLACED IN ONE FOOT LIFTS AND COMPACTED TO THE APPROPRIATE DENSITY (98% FOR PAVED AREAS AND 95% FOR BUILDING PADS AND ALL OTHER AREAS AS PER AASHTO T-180).
23.

NO BURYING OF ANY ORGANIC MATERIALS ALLOWED.
24.

THERE WILL BE NO PROPOSED OVERHEAD UTILITY AND SERVICE LINES ASSOCIATED WITH THIS PROJECT. ALL UTILITY LINES AND SERVICES WILL BE INSTALLED UNDERGROUND AT THE OWNER'S, DEVELOPER'S OR BUILDER'S EXPENSE.
25.

SET UP AND WORK ON SHOULDER AND WITHIN TRAVEL WAY SHALL ONLY OCCUR BETWEEN THE HOURS SPECIFIED ON THE THE CITY OF DAYTONA BEACH SHORES ROW PERMIT. ALTERNATIVELY, WORK CAN BE SCHEDULED DURING SCHOOL HOLIDAYS OR ON WEEKENDS.

SITE AND GENERAL INFORMATION

1.

THE PROPERTY AREA BOUNDARY CONSISTS OF 68,088 SF OR 1.563 ACRES. FOR BOUNDARY AND TOPOGRAPHIC SURVEY REFER TO THE SURVEY PERFORMED BY J.J. MATEJKA AND ASSOCIATES. (SEE SHEET No. 2 OF THESE PLANS).
2.

THE ZONING IS GC-RD (GENERAL COMMERCIAL - REDEVELOPMENT).
3.

THE TAX PARCEL NUMBERS ARE 15-33-22-00-04-0140 AND 15-33-22-00-04-0170.
4.

THE EXISTING SITE CONDITION IS A DEVELOPED COMMERCIAL SITE. THE FLUCFCS LAND USE IS (141) RETAIL SALES AND SERVICES.
5.

PER THE USDA NATURAL RESOURCES CONSERVATION SERVICE FOR VOLUSIA COUNTY, THE SCS SOILS MAP INDICATES THE SITE CONSISTS OF 40) PALM BEACH-URBAN LAND-PAOLA COMPLEX, 0 TO 8 PERCENT SLOPES AND (41) PALM BEACH-PAOLA ASSOCIATION, 2 TO 8 PERCENT SLOPES.
6.

THE SITE IS LOCATED WITHIN ZONE "X" PER FEMA MAP PANEL No. 12127C0386J, DATED SEPTEMBER 29, 2017.
7.

ELECTRICAL UTILITY SERVICE WILL BE PROVIDED BY FLORIDA POWER & LIGHT. NATURAL GAS WILL BE PROVIDED BY TECO PEOPLES GAS COMPANY. TELEPHONE, CABLE AND INTERNET SERVICE WILL BE PROVIDED BY AT&T. CABLE TV AND INTERNET CAN ALSO BE PROVIDED BY SPECTRUM NETWORKS.
8.

SOLID WASTE WILL BE COLLECTED AND DISPOSED OF BY WASTE MANAGEMENT, INC.
9.

THE SITE IS NOT LOCATED WITHIN THE LIMITS OF A WELLHEAD PROTECTION ZONE AND THERE IS NO ORDINARY HIGH WATER (OHW) LINE WITHIN THE SITE.
10.

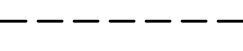
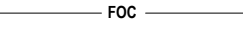
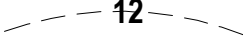
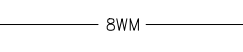
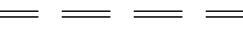
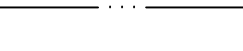
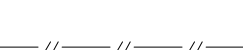
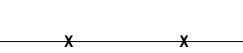
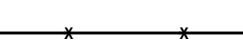
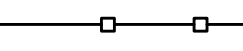
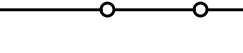
FIRE SERVICE WILL BE PROVIDED BY 6" FIRE MAIN CONNECTION TO THE ON-SITE WATER MAIN.
11.

IRRIGATION SERVICE WILL BE PROVIDED BY PRIVATE WELL.
12.

ALL ON-SITE WATER AND SEWER FACILITIES ARE OWNED AND MAINTAINED BY THE PROPERTY OWNER.

LEGEND

NOTE: NOT ALL SYMBOLS SHOWN HERE MAY BE APPLICABLE TO THESE DRAWINGS, ALSO THERE MAY BE ADDITIONAL SYMBOLS WITHIN PLANS NOT SHOWN HERE, SEE INDIVIDUAL DRAWING LEGEND WHERE APPLICABLE.

	BENCHMARK ID		4" BY 4" CONCRETE MONUMENT
	BORING ID		EXISTING EASEMENT
	EXISTING CABLE TV PEDESTAL		EXISTING UNDERGROUND FIBER OPTIC CABLE
	EXISTING CAP OR PLUG		EXISTING FORCE MAIN (# INDICATES SIZE)
	EXISTING CLEAN OUT		EXISTING GAS MAIN
	EXISTING CONDUIT RISER/ MARKER		EXISTING OVERHEAD ELECTRIC CABLES
	EXISTING ELECTRIC METER		EXISTING OVERHEAD TRAFFIC SIGNAL CABLE
	EXISTING ELEVATION (SOFT)		EXISTING RAW WATER MAIN (# INDICATES SIZE)
	PROPOSED ELEVATION (SOFT)		EXISTING RECLAIM WATER MAIN (# INDICATES SIZE)
	EXISTING ELEVATION (HARD)		PROPOSED SANITARY SEWER (# INDICATES SIZE)
	PROPOSED ELEVATION (HARD)		PROPOSED WATER MAIN (# INDICATES SIZE)
	EXISTING FIRE HYDRANT		EXISTING CONTOUR
	PROPOSED FIRE HYDRANT		PROPOSED CONTOUR (SOFT)
	EXISTING FLOW DIRECTION		PROPOSED CONTOUR (HARD)
	PROPOSED FLOW DIRECTION		EXISTING UNDERGROUND TELEPHONE CABLE
	EXISTING GAS METER		EXISTING UNDERGROUND TELEVISION CABLE
	EXISTING GAS VALVE		EXISTING UNDERGROUND ELECTRICAL POWER CABLE
	EXISTING GUY WIRE & ANCHOR PIN		JURISDICTIONAL WETLAND LINE
	EXISTING MAIL BOX		EXISTING SANITARY SEWER (# INDICATES SIZE)
	EXISTING MANHOLE (UNKNOWN)		EXISTING WATER MAIN (# INDICATES SIZE)
	PROPOSED MANHOLE		EXISTING PIPE OR CONDUIT (TYPE SPECIFIED)
	EXISTING SANITARY SEWER CLEANOUT		EXISTING SWALE OR CENTER OF DITCH
	EXISTING SANITARY SEWER MANHOLE		PROPOSED SWALE OR CENTER OF DITCH
	EXISTING ROAD SIGNS AND POSTS		EXISTING TOP OF DITCH BANK
	PROPOSED SIGN AND POST		EXISTING BOTTOM OF DITCH BANK
	EXISTING TEE		EXISTING WOOD FENCE
	EXISTING UTILITY POLE		EXISTING WIRE OR CHAIN LINK FENCE
	EXISTING VALVE IRRIGATION		PROPOSED WIRE OR CHAIN LINK FENCE
	EXISTING VALVE WATER		PROPOSED SILT/SEDIMENT FENCE
	PROPOSED WATER VALVE		PROPOSED COIR ROLL OR WATTLE
	EXISTING WATER METER		PROPOSED FLOATING TURBIDITY BARRIER
	EXISTING STORM SEWER WITH INLET		PROPOSED TREE PROTECTION
	1/2" IRON ROD (NO I.D.)		

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS - 2023 / 2024 AND QUALIFIED PRODUCTS LIST

INDEX NO.	DESCRIPTION	INDEX NO.	DESCRIPTION
102	TEMPORARY EROSION AND SEDIMENT CONTROL	102-600	GENERAL INFORMATION FOR TRAFFIC CONTROL
425-010	STRUCTURE BOTTOMS - TYPES J AND P		THROUGH WORK ZONES
205	PIPE BACKFILL	102-602	TWO-LANE, TWO-WAY, WORK ON SHOULDER
425-024	CURB INLET TOP TYPE 9	102-603	TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY
520-001	CURB & CURB AND GUTTER	102-612	MULTILANE, WORK ON SHOULDER
522-002	PUBLIC SIDEWALK CURB RAMPS	102-660	PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS
350-001	CONCRETE PAVEMENT JOINTS	515-062	ALUMINUM PEDESTRIAN / BICYCLE PICKET RAILING
522-001	CONCRETE SIDEWALK	700-101	TYPICAL SECTIONS FOR PLACEMENT OF SINGLE & MULTIPLE-COLUMN SIGNS
514	OPTIONAL BASE GROUP AND STRUCTURAL NUMBERS	711-001	SPECIAL MARKING AREAS

FDOT GENERAL NOTES:

1.

MAINTENANCE OF TRAFFIC TO BE SUPERVISED BY A CERTIFIED PERSON (ON SITE).
2.

THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT A MINIMUM OF 48 HOURS PRIOR TO BEGINNING ANY WORK WITH IN THE FDOT R/W.
3.

ALL WORK PERFORMED WITH IN THE FDOT R/W SHALL BE IN ACCORDANCE WITH THE 2019 EDITION OF THE FDOT DESIGN STANDARDS & SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, 2017 EDITION OF THE FDOT UTILITY ACCOMMODATION MANUAL AND FDOT STANDARD PLANS FY 2023-24.
4.

IT IS THE RESPONSIBILITY OF THE PERMITTEE TO REPAIR ANY DAMAGE TO FDOT FACILITIES CAUSED BY THE CONSTRUCTION OF THIS PROJECT.
5.

ANY TEST RESULTS TAKEN DURING CONSTRUCTION OF THE PERMITTED WORK SHALL BE PROVIDED TO THE DEPARTMENT UPON REQUEST.
6.

ALL CONCRETE TO BE REMOVED SHALL BE SAW CUT TO NEAREST JOINT IN GOOD CONDITION, SO A CONNECTION THAT IS FREE OF CRACKS, DEFORMITIES OR VOIDS & IRREGULARITIES ARE NOT DEFECTIVE.
7.

ALL STRIPING WITHIN THE FDOT RIGHT-OF-WAY SHALL BE PREFORMED THERMOPLASTIC.
8.

ALL CONCRETE SHALL BE AN APPROVED FDOT MIX DESIGN OF 3,000 PSI.
9.

ALL MATERIALS INSTALLED INSIDE FDOT RW SHALL BE ON THE QUALIFIED PRODUCTS LIST OR APPROVED PRODUCTS LIST.
10.

ALL CONSTRUCTION SHALL BE STAKED FOR CONSTRUCTION BY MEANS OF DIGITAL COORDINATES BY SURVEYOR UTILIZING GEODETIC TOTAL STATION. SCALING OF DRAWINGS FOR PURPOSES OF STAKING ARE AT THE SURVEYOR'S RISK.
11.

THE CONTRACTOR SHALL SUBMIT A MAINTENANCE OF TRAFFIC AND BARRICADE PLAN TO THE ENGINEER FOR APPROVAL WITH THE BID. INCLUDE THE MOT PLAN AT THE PRECONSTRUCTION MEETING.
12.

ALL TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO CONSTRUCTION AND THE FDOT INSPECTOR NOTIFIED FOR APPROVAL.
13.

ALL BARRICADES AND POSTED SIGNAGE SHALL REMAIN IN PLACE UNTIL PAVING WORK IS COMPLETE. ALL BARRICADES SHALL BE VERIFIED IN PLACE BY THE CONTRACTOR AT THE END OF EACH WORK DAY.
14.

SOD ALL DISTURBED AREAS IN RIGHT-OF-WAY WITH BAHIA.
15.

THE CONTRACTOR SHALL ENSURE THAT ALL SIDEWALKS AND CROSSWALKS CONFORM TO THE CURRENT REQUIREMENTS OF THE AMERICANS WITH DISABILITY ACT (ADA).
16.

ALL SIGNS AND PAVEMENT MARKINGS THAT ARE REMOVED OR DAMAGED BY CONSTRUCTION ACTIVITIES RELATED TO THIS PROJECT ARE TO BE REPLACED TO THEIR PRECONSTRUCTION CONDITIONS.
17.

ALL SIGNAGE AND PAVEMENT MARKINGS SHALL CONFORM TO FDOT STANDARD INDEX No. 711-001.
18.

IN THE EVENT PERMANENT VEHICLE DETECTION IS DISRUPTED, PROVIDE AN ALTERNATIVE MEANS OF DETECTION TO ALL LANES APPROACHING THE INTERSECTION, SEPARATING EACH MOVEMENT WHICH PREVIOUSLY HAD DETECTION. THE TYPE OF DETECTOR SHALL BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION. EQUIPMENT SHALL ONLY DETECT THE INTENDED MOVEMENT.
19.

THERE SHALL BE NO SR 44 LANE CLOSURES DURING 7 A.M. TO 7 P.M. MONDAY TO SUNDAY.
20.

THERE SHALL BE NO WORK WITHIN THE VICINITY OF THE SIGNALIZED INTERSECTION DURING 7 A.M. TO 7 P.M. MONDAY TO SUNDAY.
21.

CONTRACTOR TO PROVIDE TEMPORARY VIDEO DETECTION FOR SIGNAL WHILE LOOPS ARE DISTURBED DURING MILLING AND RESURFACING.

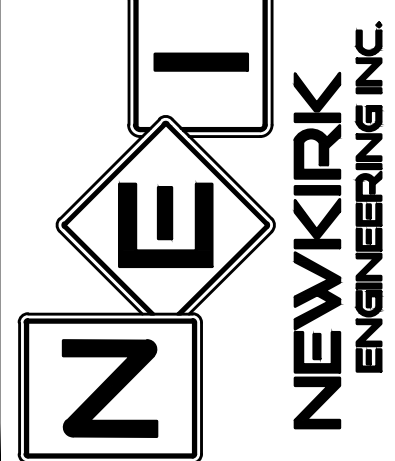
ABBREVIATIONS

AWWA	AMERICAN WATER WORKS ASSOCIATION	GW	GROUND WATER	R	RADIUS
CMP	CORRUGATED METAL PIPE	H/C	HANDICAP	RCP	REINFORCED CONCRETE PIPE
CPP	CORRUGATED PLASTIC PIPE	HDPE	HIGH DENSITY POLYETHYLENE	RPM	REFLECTIVE PAVEMENT MARKER
CTV	CABLE TELEVISION	INV	INVERT	R/W	RIGHT-OF-WAY
DIP	DUCTILE IRON PIPE	K _h	HORIZONTAL PERMEABILITY	SAN	SANITARY
ESMT	EASEMENT	K _v	VERTICAL PERMEABILITY	SH	SEASONAL HIGH
EXIST	EXISTING	KO	KNOCK OUT	SMH	SANITARY MANHOLE
FAC	FLORIDA ADMINISTRATIVE CODE	LF	LINEAL FEET	SJRWMD	ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION	MB	MAP BOOK	SS	SANITARY SEWER
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY	MES	MITERED END SECTION	SWPPP	STORMWATER POLLUTION PREVENTION PLAN
FH	FIRE HYDRANT	N/A	NOT APPLICABLE	TSB	TEMPORARY SEDIMENT BASIN
FOC	FIBER OPTIC CABLE	NIC	NOT IN CONTRACT	TYP	TYPICAL
FF EL	FINISH FLOOR ELEVATION	NGVD	NATIONAL GEODETIC VERTICAL DATUM	UGE	UNDERGROUND ELECTRIC
FP&L	FLORIDA POWER & LIGHT	OHE	OVERHEAD ELECTRIC	UGT	UNDERGROUND
FM	FORCE MAIN	OR	OFFICIAL RECORD		TELEPHONE
FPD	FEET PER DAY	PG	PAGE	USACOE	UNITED STATES ARMY CORP OF ENGINEERS
G	GAS	PSI	POUNDS PER SQUARE INCH	W	WATER (POTABLE)
		PVC	POLYVINYL CHLORIDE		
		PVMT	PAVEMENT		

REVISIONS

DATE	DESCRIPTION

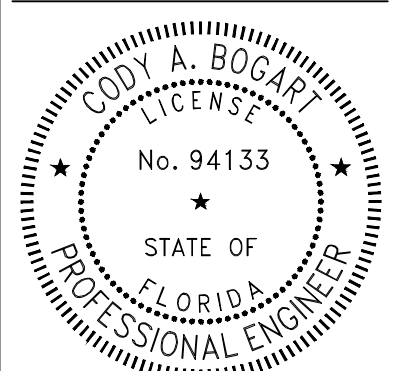
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DEVELOPMENT INFORMATION
SHORES DEPOT
2616 SOUTH ATLANTIC AVENUE
DAYTONA BEACH SHORES, FL 32118

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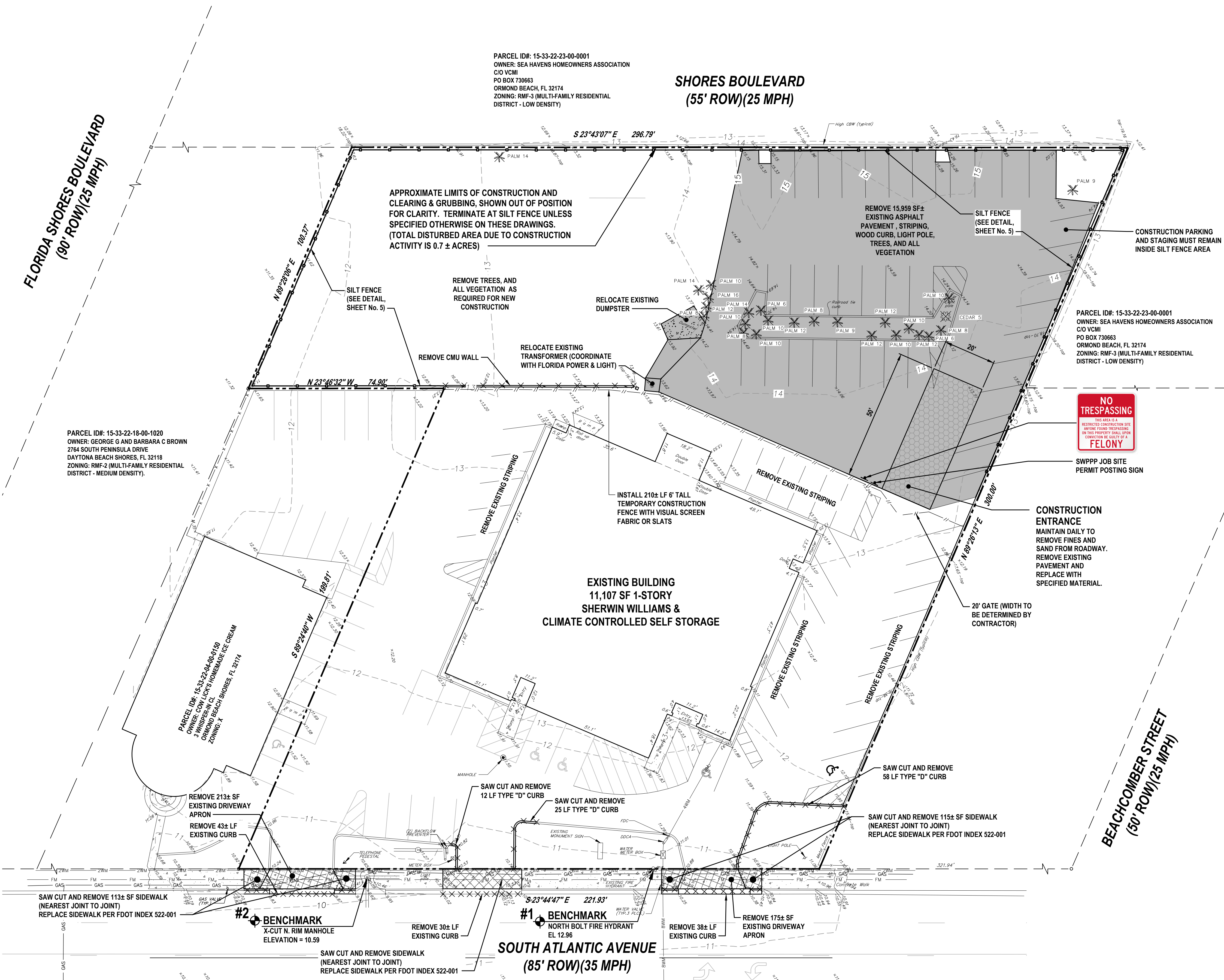


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PROJECT No:	2022-159
DATE:	NOVEMBER 2023
DESIGN BY:	CAB
DRAWN BY:	GAB
CHECKED BY:	HHN
SCALE:	N.T.S.

DRAWING NUMBER

03



#1 NORTH BOLT FIRE HYDRANT
ELEVATION = 12.96 FEET

#2 CROSS FOUND IN N RIM OF MANHOLE
ELEVATION = 10.59 FEET

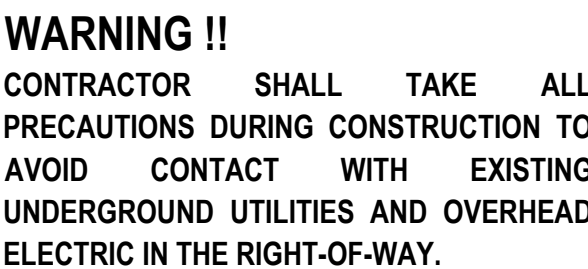
VERTICAL DATA
ELEVATIONS ARE ON NORTH AMERICAN VERTICAL DATUM OF 1988 BASED ON NATIONAL GEODETIC SURVEY BENCHMARK "K320" (PID AQ1363), HAVING PUBLISHED ELEVATION OF 16.03 FEET.

1. ALL EROSION CONTROL DEVICES AND VISIBLE BARRICADES SHALL BE INSTALLED AND APPROVED BY THE ENGINEER PRIOR TO THE START OF CLEARING AND GRUBBING.
2. THE CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION MEETING WITH THE CITY AS SPECIFIED PRIOR TO START OF CONSTRUCTION.
3. THE SITE SHALL BE CLEARED AND GRUBBED OF ALL VEGETATION AND DEBRIS WITHIN THE APPROXIMATE LIMITS OF CLEARING AS INDICATED ON THE DRAWING.
4. THE CONTRACTOR SHALL BE CLIFIED FOR CONTACTING THE CITY OF DAYTONA BEACH SHORES "CITY OF DAYTONA BEACH SHORES" DEPARTMENT OF FLORIDA SUNSHINE AND EMERGENCY SERVICES FOR RESPECTIVE UTILITY LOCATIONS AND "NOTICE" OF CONSTRUCTION ACTIVITY.
5. ALL REMOVED MATERIAL SHALL BE HAULED OFF-SITE TO AN APPROVED LANDFILL. TREES MAY BE LOGGED OR MULCHED FOR OFF-SITE DISPOSAL AT THE CONTRACTOR'S DISCRETION.
6. ALL EROSION CONTROL DEVICES SHALL BE PLACED PRIOR TO THE START OF WORK AND REMAIN IN PLACE UNTIL ALL WORK IS COMPLETE.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR PERIODIC INSPECTION AND REMOVAL OF DEBRIS AND SILT BEHIND EROSION CONTROL DEVICES.
8. ALL INLETS AND PIPE SHALL BE PROTECTED DURING CONSTRUCTION BY INLET PROTECTION MEASURES TO PREVENT SILTATION IN THE DRAINAGE SYSTEM (SEE DETAILS 3 THIS DRAWING). THE ENTIRE DRAINAGE SYSTEM SHALL BE CLEARED OF ALL DEBRIS PRIOR TO FINAL ACCEPTANCE.
9. ALL OFF-SITE AREAS DISTURBED DURING CONSTRUCTION ACTIVITY SHALL BE IMMEDIATELY RESTORED TO PRIOR CONDITION UPON COMPLETION OF WORK.
10. SOILS ARE TO BE STABILIZED BY WATER OR OTHER MEANS DURING CONSTRUCTION. THIS IS INTENDED TO REDUCE SOIL EROSION, BLOWING SAND AND THE IMPACT TO NEIGHBORING PROPERTIES.
11. THE CONTRACTOR SHALL PROVIDE THE ENGINEER, CITY A MOT PLAN AT PRECONSTRUCTION MEETING. TRAFFIC SHALL BE ALLOWED TO CONTINUE DURING WORK. PROVIDE MEASURES TO DETOUR TRAFFIC AROUND OPEN EXCAVATION WITH ADEQUATE BARRICADES, SIGNAGE AND FLAGPERSON TO DIRECT TRAFFIC. EMERGENCY SERVICES SHALL BE NOTIFIED 48 HOUR IN ADVANCE.
12. EXISTING DRIVEWAYS SHOWN ADJACENT TO OR OUTSIDE LIMITS OF CONSTRUCTION SHALL REMAIN OPEN TO TRAFFIC.
13. IF ANY DETERIORATION IS TO OCCUR DURING ANY PHASE OF CONSTRUCTION THEN DETERIORATING ACTIVITY SHALL ADHERE TO CHAPTER 400-22 F.A.C. MORE SPECIFICALLY AS FOLLOWS, PER 400-22.03(3) "A NOTICED GENERAL SHORT-TERM DETERIORATING PERMIT" IS REQUIRED "ONLY IF" DETERIORATING EXCEEDS 4 MILLION GALLONS PER DAY, EXCEPT DURING THE FIRST 120 HOURS OF DETERIORATING WHEN THE DAILY AND INSTANTANEOUS PUMPAGE RATES SHALL NOT EXCEED 6 MILLION GALLONS PER DAY, AVERAGE DAILY WITHDRAWAL SHALL NOT EXCEED 2 MILLION GALLONS PER DAY FOR THE FIRST 60 DAYS OF THE DETERIORATING ACTIVITY AND SHALL NOT EXCEED ONE MILLION GALLONS PER DAY OF A 180 DAY DURATION. EACH SPECIFIC DETERIORATING PROJECT SHALL NOT EXCEED 180 DAYS. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE ANY DETERIORATING ACTIVITY IS BELOW THE SPECIFIED THRESHOLD. OTHERWISE A DETERIORATING PERMIT WILL BE REQUIRED. THE EXPENSE OF THE CONTRACTOR, THE CONTRACTOR SHALL FAMILIARIZE ITSELF WITH CHAPTER 400-22 F.A.C. AND BE SOLELY RESPONSIBLE FOR OBTAINING AND SUBMITTING FORM RDS-50 TO SJRWMD A MINIMUM OF 10 DAYS PRIOR TO ANY DETERIORATING ACTIVITY. SUBMITTAL OF FORM RDS-50 IS NOT REQUIRED IF DETERIORATING IS 300,000 GALLONS PER DAY OR LESS AND WILL NOT EXCEED 30 DAYS IN DURATION.

1. LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY GOVERNING AUTHORITIES. THE GENERAL CONTRACTOR SHALL STRICTLY ADHERE TO THE SWPPP DURING CONSTRUCTION OPERATIONS.
2. NO LAND CLEARING OR GRADING SHALL BEGIN UNTIL ALL EROSION CONTROL DEVICES HAVE BEEN INSTALLED.
3. THE CONTRACTOR SHALL POST "NO TRESPASSING" SIGNAGE AT ALL SITE ENTRANCES PRIOR TO CONSTRUCTION.
4. MAINTAIN EROSION CONTROL MEASURES AFTER EACH RAIN AND AT LEAST ONCE A WEEK.
5. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE GENERAL CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE.
6. GENERAL CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
7. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY THE INSPECTION.
8. NO TURBID WATER SHALL BE DISCHARGED OFF-SITE FROM THE DEWATERING OPERATION. CONTRACTOR SHALL TAKE MEASURES TO CONTROL TURBIDITY.
9. IF INSTALLATION OF STORM DRAINAGE SYSTEM SHOULD BE INTERRUPTED BY WEATHER OF NIGHTFALL, THE PIPE ENDS SHALL BE COVERED WITH FILTER FABRIC.
10. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION.
11. PROVIDE DUST CONTROL FOR ALL EARTHWORK OPERATIONS. COVER AREA WITH LIGHT COATING OF WATER OR OTHER APPROVED METHOD.

1. ALL TREES TO REMAIN MUST BE PROTECTED BY TREE PRESERVATION BARRICADES MEETING THE MINIMUM STANDARDS. PROTECTIVE BARRICADES SHALL REMAIN IN PLACE UNTIL LAND ALTERATION AND CONSTRUCTION ACTIVITIES ARE COMPLETED.
2. ALL TRIMMING SHALL BE UNDERTAKEN ON A TREE PROTECTED BY THE PROVISIONS OF THE LAND DEVELOPMENT CODE THAT CODE SHALL BE IN ACCORDANCE WITH THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A300 PRUNING STANDARDS.
3. OAK TREES LARGER THAN 36-INCHES AND ABOVE (HISTORIC) PRUNING SHALL BE PERFORMED BY AN ARBORIST CERTIFIED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE OR A REGISTERED CONSULTING ARBORIST WITH THE AMERICAN SOCIETY OF CONSULTING ARBORISTS. THE ARBORIST SHALL UNDERSTAND THAT THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A300 PRUNING STANDARDS IS A STANDARD OF CARE.
4. ALL TREE ROOTS EXISTING WITHIN APPROVED IMPROVEMENT AREAS AND ORIGINATING FROM A PROTECTED TREE SHALL BE SEVERED CLEAN AT THE LIMITS OF THE PRESERVED AREA WHERE INDICATED ON THIS PLAN.

	PROPOSED SILT FENCE (SEE DETAIL SHEET No. 5)
	ASPHALT PAVEMENT REMOVAL
	PALM TREE TO BE REMOVED (TYPICAL 28 PLACES)
	CEDAR TREE TO BE REMOVED (TYPICAL 1 PLACE)

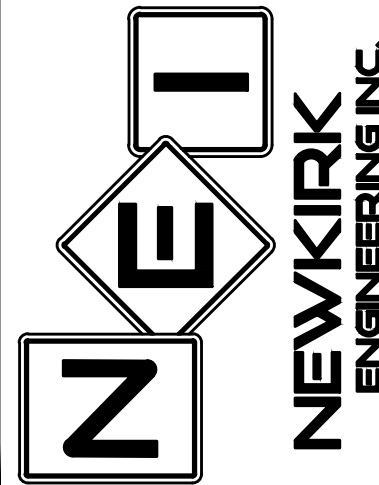


DATE	DESCRIPTION
11/27/23	CITY COMMENTS
2/20/23	CITY COMMENTS

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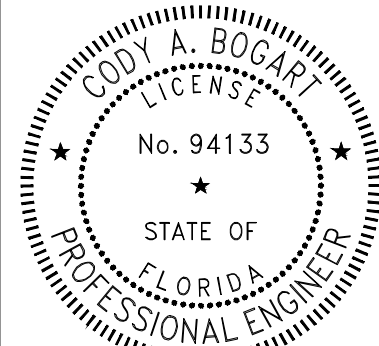


SHORES DEPOT

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PROJECT No: 2022-159

DATE: NOVEMBER 2023

DESIGN BY: CAB

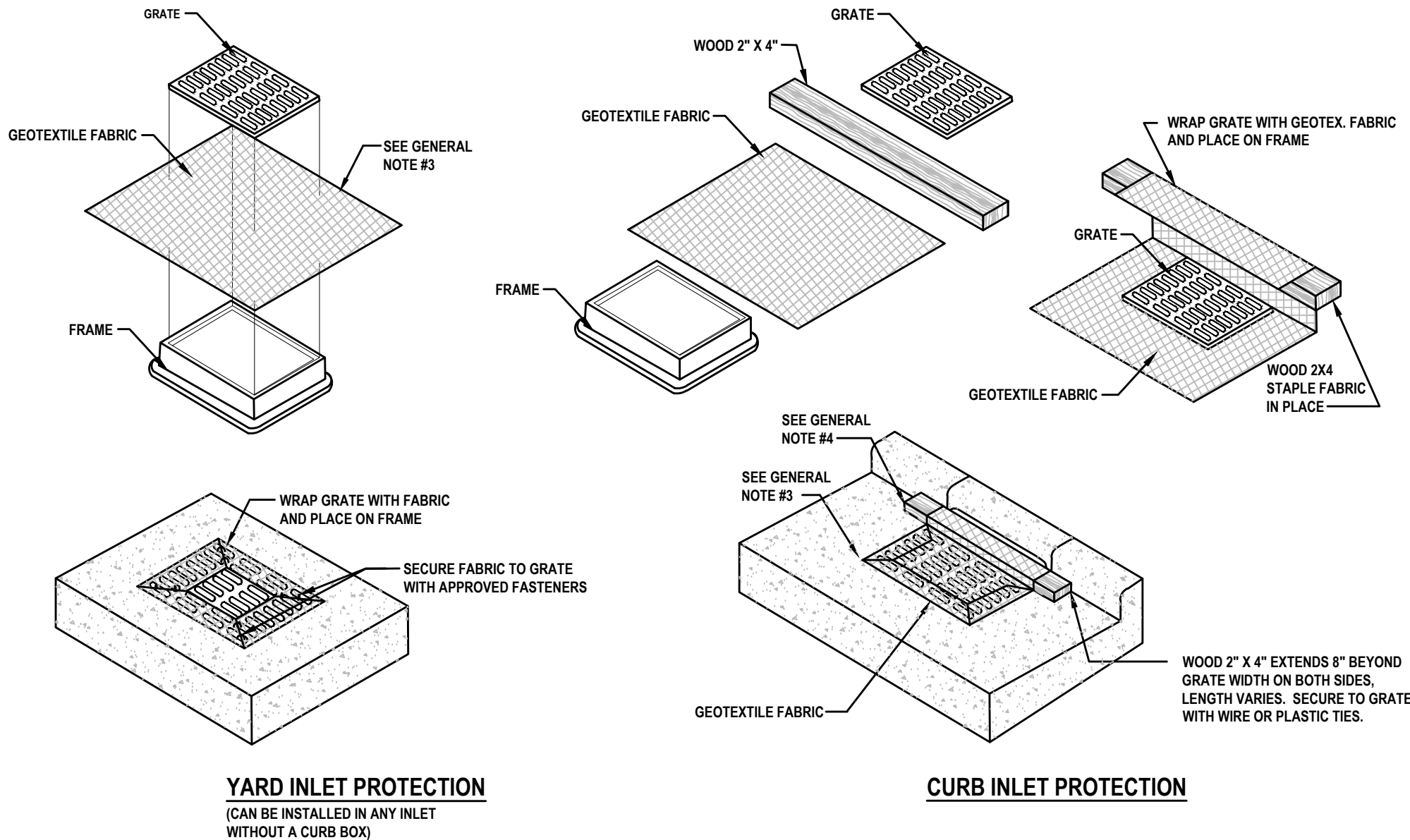
DRAWN BY: GAB

CHECKED BY: HHN

SCALE: 1"=20'

DRAWING NUMBER

04

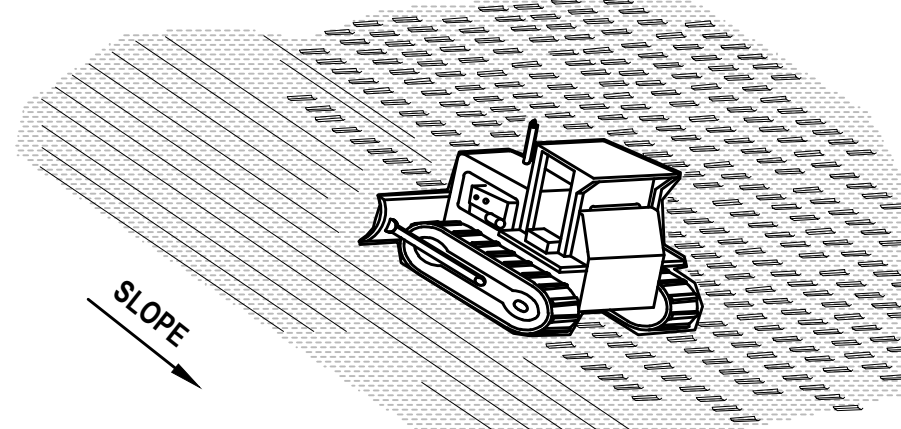


GENERAL NOTES:

1. GEOTEXTILE TO BE MIRAFI FILTERWEAVE 402 OR GEOTEX 111F. ALTERNATIVES INCLUDE APPROVED EQUAL ASTM D4491 OR 100 TO 150 GALLON PER MINUTE PER SQUARE FOOT.
2. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.
3. FINISHED SIZE, INCLUDING FLAP POCKETS WHERE REQUIRED, SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL.
4. FOR CURB INLET PROTECTION AN ADDITIONAL 18" OF FABRIC IS WRAPPED AROUND THE WOOD AND SECURED WITH STAPLES. THE WOOD SHALL NOT BLOCK THE ENTIRE HEIGHT OF THE CURB BOX OPENING.
5. TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN 3" OF THE GRATE.
6. THE CONTRACTOR SHALL DEMONSTRATE A METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS, OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM ENTERING THE INLET.

GEOTEXTILE FABRIC INLET PROTECTION

NOT TO SCALE

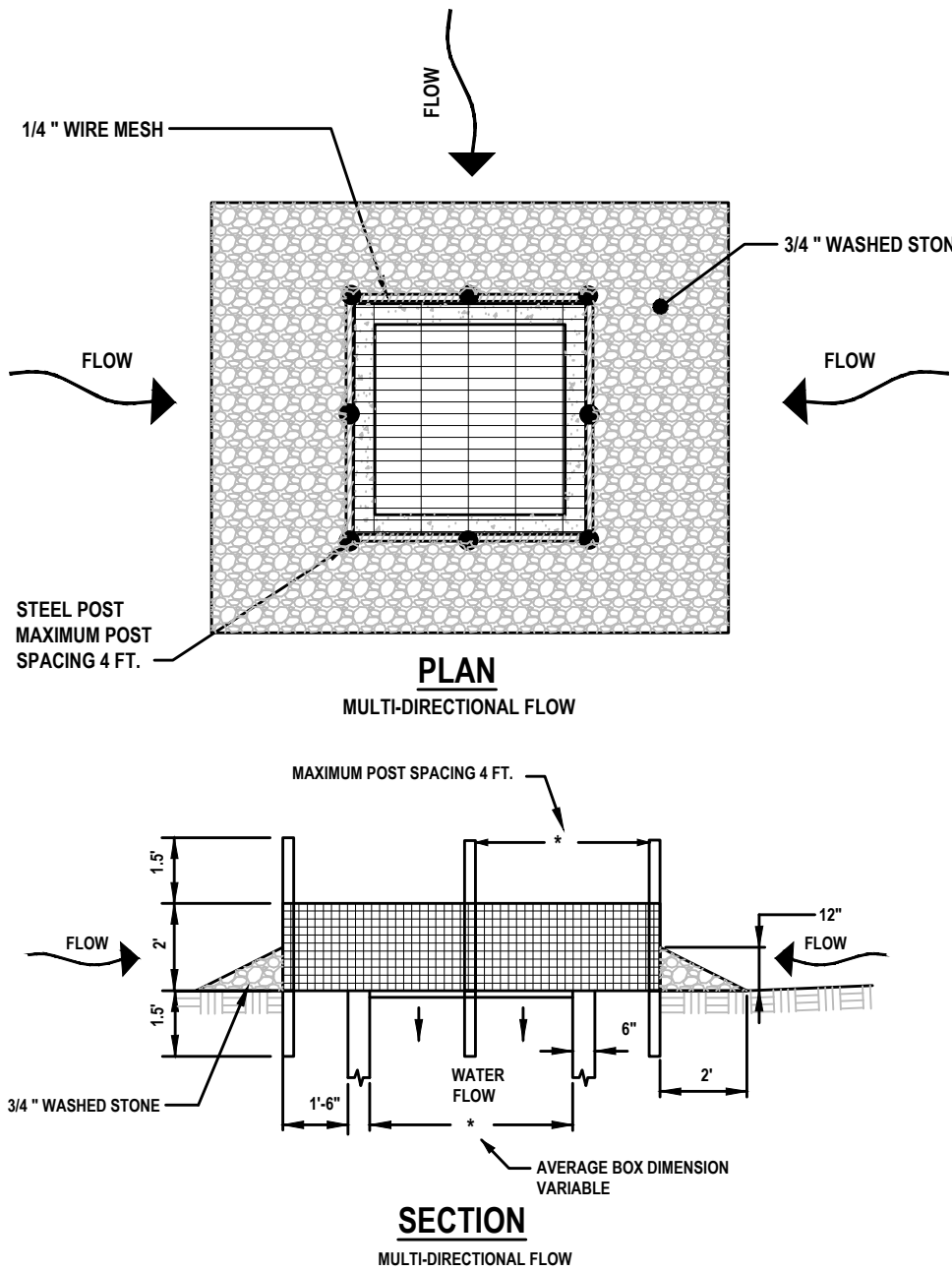


NOTE:

USE DOZER TRACKS TO CREATE GROOVES PERPENDICULAR TO THE SLOPE. GROOVES WILL CATCH SEED, FERTILIZER, MULCH, RAINFALL AND DECREASE SEDIMENT IN RUNOFF.

TRACKING DETAIL

NOT TO SCALE

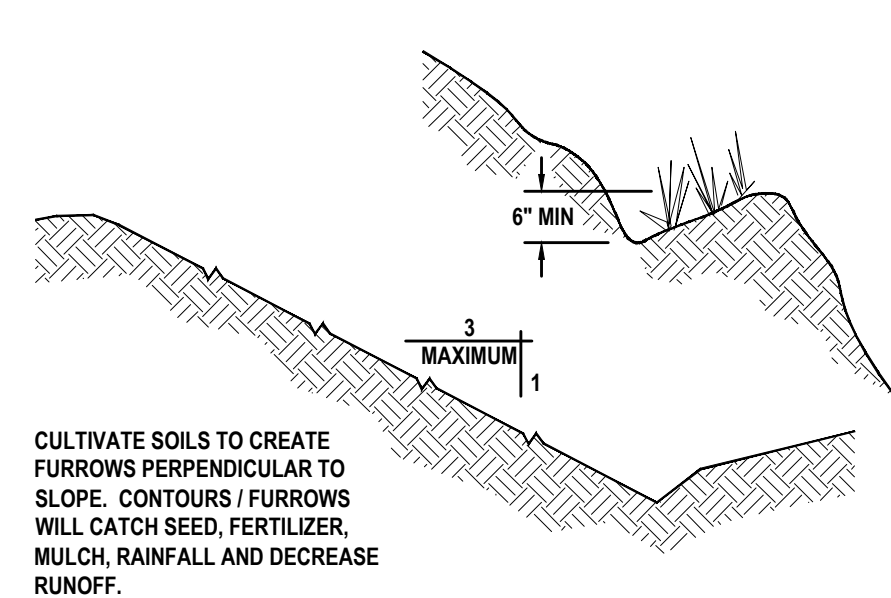


NOTE:

1. SEDIMENT CONTROL STONE SHALL BE 3/4" WASHED STONE.
2. WIRE MESH SHALL BE HARDWARE CLOTH 23 GAUGE MIN. AND SHALL HAVE 1/4" INCH MESH
3. TOP OF WIRE MESH SHALL BE A MINIMUM OF ONE FOOT BELOW THE SHOULDER OR ANY DIVERSION POINT.
4. STEEL POST SHALL BE 5 FT. IN LENGTH, BE INSTALLED 1.5 FT. DEEP MINIMUM, AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE.
5. WOOD POST SHALL BE 5 FT. IN HEIGHT, BE INSTALLED TO 1.5 FT. DEEP MINIMUM, AND BE 3 INCHES IN DIAMETER.
6. POST SPACING SHALL BE A MAXIMUM OF 4 FT.

HARDWARE CLOTH INLET PROTECTION

NOT TO SCALE



SURFACE ROUGHENING

(NOT TO SCALE)

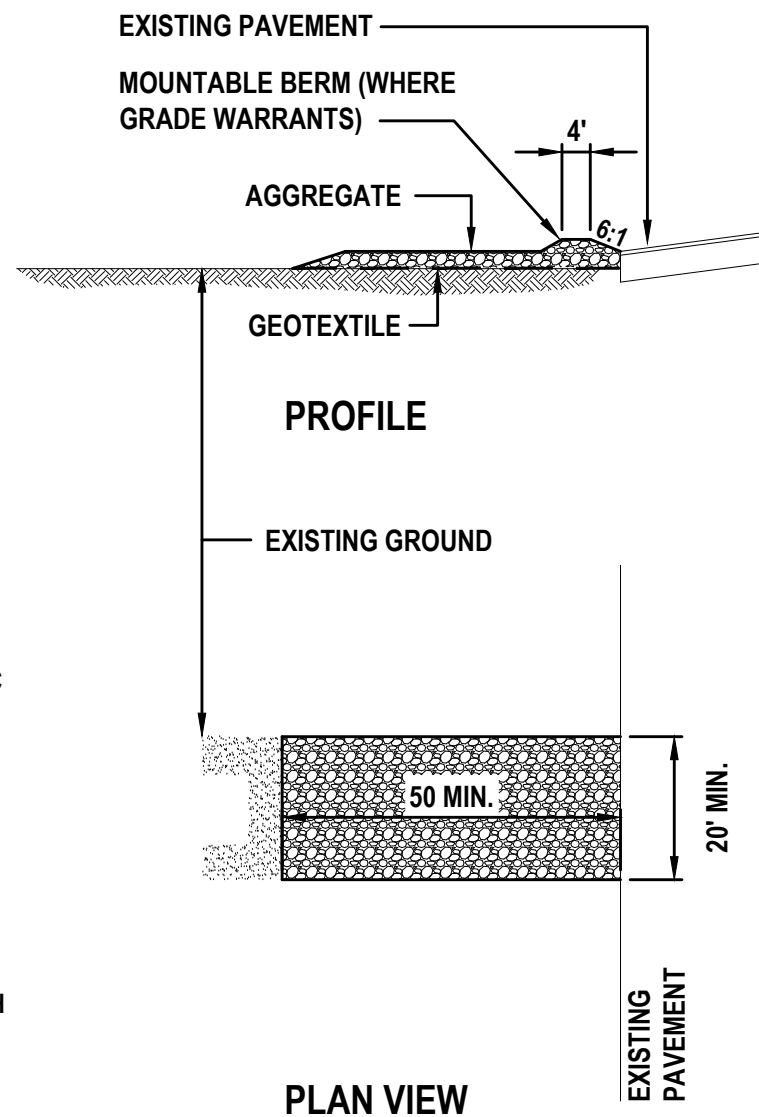
THE FOLLOWING MEASURES REPRESENT MINIMUM STANDARDS TO BE ADHERED TO BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION OF A PROJECT. THE CITY RESERVES THE RIGHT TO REQUIRE ADDITIONAL MEASURES TO BE EMPLOYED WHEN WARRANTED BY CONDITIONS AND/OR THE FAILURE OF THE CONTRACTOR TO EMPLOY APPROPRIATE EROSION CONTROL BEST MANAGEMENT PRACTICES. FAILURE TO COMPLY WITH THESE PROVISIONS SHALL RESULT IN THE ISSUANCE OF A "STOP WORK ORDER".		
1. NO DISTURBANCE OF PROPOSED CONSERVATION EASEMENTS, NATURAL BUFFERS, OR WATER BODIES IS PERMITTED. THE CONTRACTOR SHALL LOCATE THESE AREAS ON SITE AND BARRICADE THEM TO AVOID ANY UNAUTHORIZED CLEARING, BARRICADES AND OTHER PROTECTIVE FENCING ARE TO BE LOCATED AT THE DRP LINE OF EXISTING NATIVE TREES OR AT THE EDGE OF THE NATIVE UNDER-STORY HABITAT, WHICHEVER IS FURTHER.		
2. SPECIMEN AND HISTORIC TREES, CONSERVATION EASEMENTS, NATURAL VEGETATION BUFFERS, AND SIMILAR AREAS MUST BE PROTECTED BY BARRICADES OR FENCING PRIOR TO CLEARING. BARRICADES ARE TO BE SET AT THE DRP LINE OF THE TREES, AS SPECIFIED, AND MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. BARBED WIRE IS NOT PERMITTED AS A PROTECTIVE BARRIER.		
3. WHERE A CHANGE OF GRADE OCCURS WITHIN THE DRP LINE OF A SPECIMEN TREE, SILT FENCES WILL BE REQUIRED DURING CONSTRUCTION AND RETAINING WALLS MUST BE INSTALLED PRIOR TO FINAL ACCEPTANCE BY THE CITY.		
4. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL PROTECTIVE VEGETATION BARRICADES AND EROSION CONTROL DEVICES AND MEASURES IN PLACE PRIOR TO THE COMMENCEMENT OF ANY EARTHWORK, INCLUDING PRELIMINARY GRADING, BEST MANAGEMENT PRACTICES (BMPs) ARE TO BE IMPLEMENTED, SUCH AS TEMPORARY CONSTRUCTION FENCES, SILT FENCES AND FLOATING TURBIDITY BARRIERS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN ALL EROSION CONTROL DEVICES AND MEASURES THROUGHOUT THE DURATION OF THE ENTIRE PROJECT. MAINTENANCE SHALL INCLUDE, BUT NOT LIMITED TO, PERIODIC INSPECTION AND REMOVAL OF DEBRIS ABUTTING EROSION CONTROL DEVICES AS SPECIFICALLY IDENTIFIED IN LDC, CH 10, ARTICLE I, SEC. 5.		
5. PRIOR TO THE INSTALLATION OF ANY FILL MATERIALS ON SUBJECT SITE, SILT FENCES SHALL BE INSTALLED (1) ALONG SUBJECT SITE BOUNDARY AND/OR PROPERTY LINES, (2) AT THE EDGE OF CONSERVATION EASEMENTS AND WETLANDS, (3) ADJACENT TO NATURAL LANDSCAPE BUFFERS, (4) AROUND THE PERIMETER OF EXISTING STORM WATER TREATMENT FACILITIES, AND (5) AT ANY ADDITIONAL AREAS THAT THE CITY DEEMS NECESSARY TO BE PROTECTED FROM POTENTIAL EROSION IMPACTS DURING CONSTRUCTION. THESE CONDITIONS SHALL APPLY IN ALL INSTANCES. WHERE FILL MATERIAL IS BEING INSTALLED WITHIN 25 FEET OF ANY OF THE AFORESAID LOCATIONS, WHILE THESE RULES REPRESENT THE MINIMUM REQUIREMENTS, THE CITY RESERVES THE RIGHT TO IMPROVE ADDITIONAL PROTECTIVE MEASURES AS DETERMINED DURING INSPECTION AND AS PART OF THE STANDARD REVIEW OF THE SITE-SPECIFIC AND DRAINAGE PERMIT APPLICATION AND THROUGHOUT PROJECT CONSTRUCTION.		
6. WHEN FILL MATERIAL IS INTENDED TO BE INSTALLED ADJACENT TO EXISTING VEGETATION WHICH IS INTENDED TO REMAIN NATURAL, THE CONTRACTOR MAY INSTALL SILT FENCING AS A TREE PROTECTION MEASURE. IN USE OF INSTALLING WOOD BRACING WITH GRASS MESH, THIS PRACTICE IS ENCOURAGED BY THE CITY. IF THE SILT FENCE FAILS TO PROVIDE ADEQUATE PROTECTION FROM IMPACT DUE TO CONSTRUCTION, THEN BARRICADES OR WOOD BRACING SHALL BE REQUIRED.		
7. AT A MINIMUM, THE CONTRACTOR SHALL SEED AND MULCH ALL DISTURBED AREAS. SUFFICIENT GRASS COVERAGE IS TO BE ESTABLISHED WITHIN TWO WEEKS.		
8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR THROUGH SCHEDULING, TO MINIMIZE THE DISTURBANCE OF SITE AREAS THAT HAVE BEEN BROUGHT TO THEIR PROPOSED FINAL GRADE WITHIN SEVEN (7) DAYS OF BRINGING A SUBJECT AREA TO ITS FINAL GRADE OR INACTIVITY IN CONSTRUCTION. THE CONTRACTOR SHALL INSTALL SEED AND MULCH OR SOIL AS REQUIRED.		
9. FOR INDIVIDUAL CONSTRUCTION PROJECTS INVOLVING MULTIPLE PHASES, (PHASING IS REQUIRED FOR SITES 30 ACRES AND LARGER) UPON COMPLETION OF EACH PHASE OF THE PROJECT, SEEDING AND MULCHING AND / OR SOILING IS TO BE PERFORMED PRIOR TO COMMENCING THE NEXT PHASE OF CONSTRUCTION.		
10. ONCE AN AREA IS SEEDS OR SOILED, IT MUST BE MAINTAINED BY THE CONTRACTOR TO ALLOW THE GRASS TO BECOME ESTABLISHED. IF THE GRASS IS NOT ESTABLISHED WITHIN TWO WEEKS THE CITY MAY REQUIRE THE CONTRACTOR TO RE-SEED OR A NON-VEGETATIVE OPTION MAY BE EMPLOYED.		
11. ANY BURNING OF CLEARED MATERIALS MUST BE INSPECTED AND PERMITTED ON A DAILY BASIS. CONTACT THE FIRE MARSHAL AT 506-5505 PRIOR TO EACH DAY OF DESIRED BURNING.		
12. ABSOLUTELY NO BURNING OF CLEARED MATERIALS IS PERMITTED.		
13. THE REMOVAL OF ALL VEGETATION AND TOPSOIL ON THE FUTURE ROADWAY, PARKING AND BUILDING LOT AREAS IS REQUIRED TO BE COMPLETED PRIOR TO THE PLACEMENT OF FILL ON THOSE AREAS. THE TOPSOIL MAY BE TEMPORARILY STOCKPILED AND USED AS TOPSOIL OVER PROPOSED GREEN AREAS SUCH AS PLANT BEDS, SOILED AREAS, AND WHERE TREES ARE TO BE INSTALLED OR RELOCATED.		
14. A SIGNED, DATED, AND SEALED LETTER FROM A SOILS ENGINEER OR THE ENGINEER OF RECORD CERTIFYING THAT THE AREAS TO BE FILLED HAVE BEEN STRIPPED OF ORGANIC MATERIALS, MUST BE SUBMITTED TO THE CITY PRIOR TO FILLING.		
15. FILL MATERIAL IS TO BE PLACED IN ONE FOOT MAXIMUM LIFTS AND COMPACTED TO THE APPROPRIATE DENSITY (90% FOR PAVED AREAS AND 95% FOR BUILDING PADS AND ALL OTHER AREAS AS PER ASHTO 1-180).		
16. DURING SUBDIVISION DEVELOPMENT WHEN FUTURE BUILDING LOTS ARE FILLED AS PART OF THE OVERALL SUBDIVISION IMPROVEMENTS, COMPACTION TEST REPORTS MUST BE PERFORMED ON THE BUILDING LOTS AT 300 FOOT INTERVALS. THESE TESTS ARE TO BE PERFORMED IN ONE-FOOT VERTICAL INCREMENTS. THE RESULTS OF THESE TESTS ARE TO BE SUBMITTED TO THE CITY UPON COMPLETION OF THE TESTS.		
17. IF ANY MUCK MATERIAL IS DISCOVERED, IT SHALL BE REQUIRED TO BE REMOVED AND REPLACED WITH A SUITABLE MATERIAL THAT IS PROPERLY BACKFILLED, COMPACTED AND TESTED USING ASHTO 1-180 MODIFIED PROCTOR METHOD.		
18. STOCKPILING IS NOT GENERALLY PERMITTED BY THE CITY. WHEN ALLOWED, STOCKPILES SHALL NOT EXCEED 16 FEET IN HEIGHT MEASURED FROM THE ORIGINAL GRADE. AT A MINIMUM, STOCK PILES THAT WILL REMAIN IN PLACE IN EXCESS OF TWENTY DAYS SHOULD BE SEEDS AND MULCHED IMMEDIATELY UPON PLACEMENT OF THE FINAL LIFT.		
19. SOILS ARE TO BE STABILIZED BY WATER OR OTHER MEANS DURING CONSTRUCTION. THIS IS INTENDED TO REDUCE SOIL EROSION AND TO INCORPORATE COMMUNITARIAN COMMENTS (LATEST EDITION). METHODS SHOULD BE EMPLOYED TO ALLOW DAILY COVERAGE OF THE ENTIRE LIMITS OF ALL AREAS THAT DO NOT HAVE AN ESTABLISHED VEGETATIVE COVER. METHODS TO BE EMPLOYED INCLUDE, BUT ARE NOT LIMITED TO, WATER TRUCKS, PERMANENT IRRIGATION SYSTEMS, TEMPORARY SPRINKLER SYSTEMS OPERATED BY PUMPING UNITS CONNECTED TO WET RETENTION PONDS, WATER CANNONS, TEMPORARY IRRIGATION SYSTEMS MOUNTED ATOP STOCKPILE AREAS, AND OTHER METHODS AS DEEMED NECESSARY BY THE CITY.		
20. ALL FILL MATERIALS LOCATED BENEATH STRUCTURES AND PAVEMENT SHALL CONSIST OF CLEAN GRANULAR SAND FREE FROM ORGANICS AND SIMILAR MATERIAL THAT COULD COMPOSE.		
21. ALL FILL TO BE PLACED IN LANDSCAPED AREAS SHALL HAVE A PH RANGE BETWEEN 5.5 AND 7.5, BE ORGANIC IN NATURE, FREE OF ROCKS AND DEBRIS, OR MATCH NATIVE EXISTING SOILS.		

SET POST AND EXCAVATE A TRENCH MINIMUM 12" DEEP ATTACH FILTER FABRIC TO POST ALLOWING 1 FT EXTENSION INTO THE TRENCH AS SHOWN BACKFILL AND COMPACT EXCAVATED SOIL SILT FENCE DETAIL		
NOTES: 1. MATERIALS, CONSTRUCTION METHODS AND MAINTENANCE SHALL BE IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL (LATEST EDITION). 2. CONTRACTOR SHALL PROVIDE SILT FENCES OR HAVE BEST MANAGEMENT PRACTICES IMPLEMENTED AS REQUIRED AT ALL STORMWATER DISCHARGE POINTS FOR EROSION CONTROL AND SEDIMENT CONTROL DURING CONSTRUCTION. 3. CONTRACTOR SHALL ROUGH GRADE STORMWATER SWALES AND RETENTION AREAS PRIOR TO CONSTRUCTION OF SITE IMPROVEMENTS. 4. CONTRACTOR SHALL MEET ALL PERMIT CONDITIONS AS ESTABLISHED BY THE CITY OF PORT ORANGE AND ALL OTHER APPLICABLE AGENCIES, INCLUDING BUT NOT LIMITED TO COUNTY, FOOT, AND THE SURROUND. 5. CONTRACTOR WILL BE ALLOWED TO USE A SMALL PIECE OF EQUIPMENT UP TO 6" WIDTH AND 1.5 TON WEIGHT, TO CLEAR A NARROW PATH TO INSTALL THE SILT FENCE.		
STANDARD CONSTRUCTION DETAIL CONTRACTOR REQUIREMENTS FOR SITE CLEARING, GRADING, AND EROSION CONTROL DESIGN AND CONSTRUCTION (CONTINUED) FILE NAME: M3.DWG DETAIL REF: M-3.1		

1. STONE SIZE - #2 COARSE AGGREGATE, OR RECLAIMED/RECYCLED CONCRETE.
2. LENGTH - AS EFFECTIVE BUT NOT LESS THAN 50'
3. DEPTH - 8" MINIMUM (COMPACTED)
4. WIDTH - 8" MINIMUM
5. GEOTEXTILE - 100% POLYPROPYLENE, 4 OZ/SY OVER THE ENTIRE AREA PRIOR TO PLACEMENT OF AGGREGATE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 6:1 SLOPES IS ACCEPTABLE.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. MAINTAIN PERIODIC TOP DRESSING OF ADDITIONAL AGGREGATE AS CONDITIONS REQUIRE AND REPAIR AND/OR CLEANOUT ANY AREAS USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, WASHING SHALL BE DONE ON AN AREA STABILIZED WITH AGGREGATE WHICH DRAINS INTO AN APPROVED SEDIMENT POND OR SWALE.
9. INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN OR WEEKLY AT A MINIMUM.

CONSTRUCTION ENTRANCE DETAIL

NOT TO SCALE



TEMPORARY SEEDING SPECIFICATION:

GENERAL

SEEDING CAN BE USED FOR TEMPORARY STABILIZATION. DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS CEASED FOR MORE THAN 7 DAYS SHALL BE TEMPORARILY SEEDED AND WATERED. AREAS WHERE FINAL GRADING HAS BEEN COMPLETED FOR MORE THAN 7 DAYS SHALL BE TEMPORARILY SEEDED. TEMPORARY SEED MIXTURE IS SPECIFIED BELOW.

SEEDING MIXTURES

SEED MIXTURE SHALL BE BERMUDA COMMON 90 LB PURE LIVE SEED PER ACRE, FIBER 2000 LB PER ACRE, STABILIZER 120 LB PER ACRE AND FERTILIZER 300 LB PER ACRE.

ALL SLOPES AND FLAT GRADE

APPLY 6:20:20 COMMERCIAL ORGANIC FERTILIZER AT A RATE OF 300 LB PER ACRE AND SEED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE:

TEMPORARY SEEDING PLANTING DATES	SEED VARIETY	APPLICATION RATE
APRIL 15 - OCTOBER 15	PENSACOLA BAHIA (SCARIFIED) BERMUDA COMMON (50% HULLED)	90 25
OCTOBER 16 - APRIL 14	PENSACOLA BAHIA (SCARIFIED) BERMUDA COMMON (50% HULLED) ANNUAL RYE GRASS RYE GRAIN	100 35 10 30

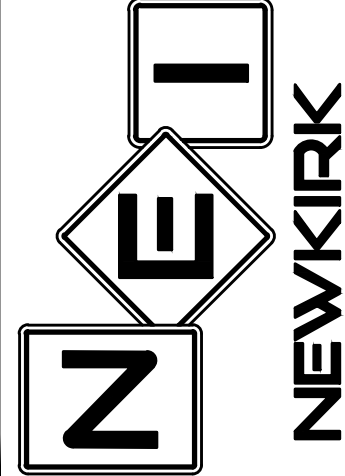
MULCH SEEDED AREA WITH 2 TONS PER ACRE CLEAN GRAIN STRAW. ANCHOR STRAW WITH HYDRAULIC WOOD FIBER MULCH AT THE RATE OF 1000 LB PER ACRE, OR 150-200 POUNDS OF ORGANIC MULCH TACKIFIER PER ACRE, OR USE NETTING.

HYDRO FIBER MULCH MIXTURE SHALL BE PERFORMED IN A TANK WITH A CONTINUOUS AGITATION AND RECIRCULATION SYSTEM WITH SUFFICIENT OPERATING CAPACITY TO PRODUCE A HOMOGENOUS SLURRY AND DISCHARGE SYSTEM WHICH WILL APPLY THE SLURRY AT A CONTINUOUS AND UNIFORM RATE. MIXTURE SHALL CONTAIN A GREEN FUGITIVE DYE AS AN APPLICATION INDICATOR.

REVISIONS

DATE	DESCRIPTION

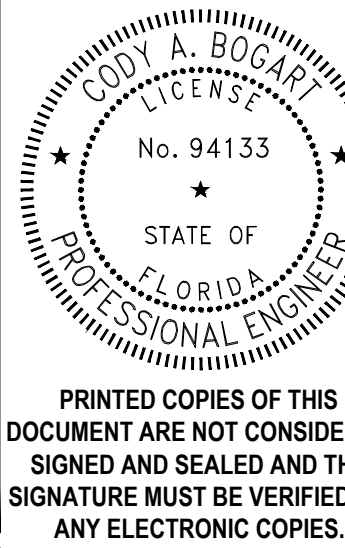
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SWPPP DETAILS
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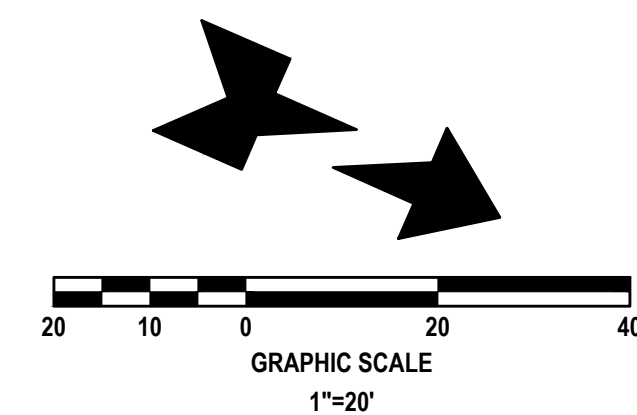
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PROJECT No:	2022-159
DATE:	NOVEMBER 2023
DESIGN BY:	CAB
DRAWN BY:	GAB
CHECKED BY:	HHN
SCALE:	N.T.S.
DRAWING NUMBER	05



LEGEND

- TYPE "D" CURB
SEE DETAIL, SHEET 13
- TRANSITION, PROPOSED TYPE
"D" CURB TO EXISTING CURB
- 24" DETECTABLE WARNING MAT

STRIPING KEYNOTES:

- 6" SOLID WHITE LINE
- 6" SOLID DOUBLE YELLOW LINE
- 6" SOLID WHITE LINE, 4" O.C. @ 45°
- 24" WHITE STOP BAR
- WHITE DIRECTIONAL ARROW
- STANDARD EMPHASIS
CROSSWALK
- 24" DETECTABLE WARNING MAT
PER FOOT INDEX 522-002

PAVING LEGEND

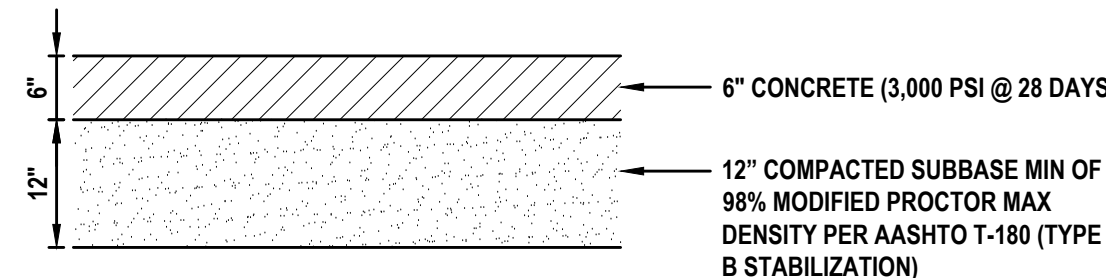
- ASPHALT PAVEMENT
 - 1.5" SP-9.5 (TL-C) WITH TACK COAT PER FOOT SPECIFICATIONS
 - 6" CRUSHED CONCRETE (LBR+130) MIN OF 98% MODIFIED PROCTOR MAX DENSITY PER AASHTO T-180 (4" MAX. LIFTS)
 - 12" STABILIZED SUBBASE (BR 40) MIN OF 98% MODIFIED PROCTOR MAX DENSITY PER AASHTO T-180 (TYPE B STABILIZATION)
 - *ALTERNATE 12" STABILIZED SUBBASE: 6" CRUSHED CONCRETE (LBR+130) MIN OF 98% MODIFIED PROCTOR MAX DENSITY PER AASHTO T-180 (4" MAX. LIFTS)
 - *ALTERNATE PAVEMENT TO ASPHALT IS CONCRETE PAVEMENT
- ASPHALT SEALCOAT
 - ASPHALT EMULSION SEAL COAT PER MANUFACTURER'S SPECIFICATIONS (ALL EXISTING ASPHALT PAVEMENT)
- CONCRETE PAVEMENT
 - 6" CONCRETE (4,000 P.S.I. @ 28 DAYS)
 - 12" STABILIZED SUBGRADE (LBR 40) MIN OF 98% MODIFIED PROCTOR MAX DRY DENSITY PER ASTM D1557, AASHTO T-180 (6" LIFTS) SEE DETAIL SHEET No. 13
- CONCRETE SIDEWALK
 - 4" THICK CONCRETE (3,000 P.S.I. @ 28 DAYS)
 - SEE SIDEWALK DETAIL SHEET No. 13
- FDOT ROW CONCRETE
 - 6" CONCRETE (3,000 PSI @ 28 DAYS)
 - 12" COMPACTED SUBBASE MIN OF 98% MODIFIED PROCTOR MAX DENSITY PER AASHTO T-180 (TYPE B STABILIZATION)

GENERAL NOTES:

- CITY OF DAYTONA BEACH SHORES BUILDING PERMITS ARE REQUIRED FOR BUILDING, DUMPSTER ENCLOSURE, LIGHT POLES, SCREEN WALLS AND MONUMENT SIGNS. CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING APPROPRIATE INFORMATION (ENGINEERING, SPECIFICATIONS, SHOP DRAWINGS, ETC.).
- ALL DIMENSIONS AND TIES ARE TO THE EDGE OF PAVEMENT AND OUTSIDE FACE OF BUILDING.
- ALL IMPROVEMENTS SHALL BE STAKED FOR CONSTRUCTION BY MEANS OF DIGITAL COORDINATES BY SURVEYOR UTILIZING GEODETIC TOTAL STATION OR GPS. SCALING OF DRAWINGS FOR PURPOSES OF STAKING ARE AT THE SURVEYOR'S RISK.
- THE CONTRACTOR SHALL COORDINATE WITH THE EXISTING ADJACENT BUSINESSES TO ENSURE THERE IS NO DISRUPTION TO THEIR RESPECTIVE OPERATIONS.
- THE CONTRACTOR AT ITS OWN DISCRETION SHALL MAINTAIN THE CONSTRUCTION SITE SECURE FROM TRESPASS.
- SOD ALL DISTURBED AREAS IN RIGHT-OF-WAY WITH BAHIA SOD.
- ALL CONSTRUCTION IN THE FDOT ROW SHALL CONFORM TO THE LATEST EDITIONS OF THE FDOT DESIGN STANDARDS (INDEXES), THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE FDOT UTILITY ACCOMMODATION MANUAL.

PAVEMENT MARKING NOTES:

- PAINTED PAVEMENT MARKINGS SHALL BE APPLIED AFTER PAVEMENT SURFACE HAS CURED. SURFACE SHALL BE FREE OF FINE SAND AND DEBRIS PRIOR TO APPLICATIONS.
- APPLY PAINTED PAVEMENT MARKINGS AT LAST STAGE OF CONSTRUCTION AFTER LANDSCAPE PLANTINGS ARE INSTALLED.
- PAINT SHALL BE SHERWIN WILLIAMS LOW-VOC ACRYLIC PRO PARK PAINT, APPLY PER MANUFACTURER'S RECOMMENDATIONS. REFER TO DRAWINGS FOR LOCATIONS OF SPECIFIC COLORS.
- ALL REFLECTIVE PAVEMENT MARKERS ARE TO BE PLACED IN ACCORDANCE WITH FOOT STANDARD INDEX NO. 706-001.
- ALL SIGNS SHALL BE PLACED IN ACCORDANCE WITH INDEX NO. 17301 AND THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
- LOCATION OF SIGNS IS APPROXIMATE ONLY AND IS SUBJECT TO CHANGE AS DIRECTED BY THE ENGINEER.
- FOR ADDITIONAL DETAILS SEE INDEX NO. 700-010, 700-101, 17344 AND 711-001.
- ALL TRAFFIC CONTROL SIGNS SHALL BE FABRICATED USING 3M BRAND "SCOTCHLITE" SHEETING (ENGINEER GRADE) ON MINIMUM .08 GA ALUMINUM BLANKS. ALL 36"x48" SIGNS SHALL BE .100 GA MINIMUM AND SHALL BE INSTALLED USING 3"x12" ROUND ALUMINUM POST. ALL STOP SIGNS SHALL BE 36" OCTAGON INSTALLED ON 12.3 LBS/FT "U" CHANNEL POST RAIL STEEL ONLY OR 3"x12" ROUND ALUMINUM POSTS. "U" CHANNEL POSTS MAY BE USED FOR SIGNS SMALLER THAN 36"x36". ALL SPEED LIMIT SIGNS SHALL BE 24"x30".



CONCRETE SECTION (S. ATLANTIC AVE DRIVEWAY)

NOT TO SCALE

PROPERTY INFORMATION	
EXISTING-FLU	TOC
PROPOSED-FLU	TOC
EXISTING-ZONING	GC-RD
PROPOSED-ZONING	GC-RD
FLOODZONE	X
BUILDING USES	MINI-WAREHOUSE & COMMERCIAL

REQUIRED SETBACKS - EXISTING ZONING (FT)		
	BUILDING	LANDSCAPE
FRONT (EAST)	20	10
REAR (WEST)	20	10
SIDE (NORTH)	20	10
SIDE (SOUTH)	10	10

PROVIDED SETBACKS - PROPOSED ZONING (FT)		
	BUILDING	LANDSCAPE
FRONT (EAST)	20	20
REAR (WEST)	20	10
SIDE (NORTH)	20	10
SIDE (SOUTH)	29.8	10

*SEE SPECIAL EXCEPTION FOR ADDL REQUIREMENTS

DIMENSIONAL REQUIREMENTS - GC-RD			
	REQ	PROV	
MAX. BUILDING HEIGHT	35 FT	32 FT	
MIN. GREEN AREA	10%	24.2%	
MAX. BUILDING COVERAGE	35%	34.6%	

*SEE SPECIAL EXCEPTION FOR ADDL REQUIREMENTS

EXISTING SITE COVERAGE			
AREA TYPE	SF	ACRE	% OF SITE
BUILDING	11,107	0.255	16.3%
ASPHALT PAVEMENT	37,739	0.866	55.4%
CONCRETE / SIDEWALKS	288	0.007	0.4%
GREEN SPACE	19,001	0.436	27.9%
TOTAL SITE	68,135	1.564	100.0%
TOTAL IMPERVIOUS	49,134	1.128	72.1%
TOTAL OPEN SPACE	19,001	0.436	27.9%

PROPOSED SITE COVERAGE			
AREA TYPE	SF	ACRE	% OF SITE
BUILDING	23,557	0.541	34.6%
ASPHALT PAVEMENT	25,760	0.591	37.8%
CONCRETE / SIDEWALKS	2,327	0.053	3.4%
GREEN SPACE	16,491	0.379	24.2%
TOTAL SITE	68,135	1.564	100.0%
TOTAL IMPERVIOUS	51,644	1.188	75.8%
TOTAL OPEN SPACE	16,491	0.379	24.2%

LDC PARKING REQUIREMENTS				
BUILDING USE	A. SF	B. SPACES	C. PER SF	D. REQ. SPACES
MINI-WAREHOUSE (SF)	42,122	1	6,000	8
SHERWIN WILLIAMS (SF)	5,089	1	250	21
TOTAL REQUIRED SPACES				29
TOTAL REQUIRED ADA SPACES				2

EXISTING PARKING		%	PROV. SPACES
EXISTING STANDARD SPACES		95%	71
EXISTING ADA SPACES		5%	4
TOTAL EXISTING SPACES			75
PROPOSED PARKING		%	PROV. SPACES
PROPOSED STANDARD SPACES		89%	31
PROPOSED ADA SPACES		11%	4
TOTAL PROPOSED SPACES*			35

*ITE PARKING GENERATION 4TH EDITION ANTICIPATES 52 SPACES OCCUPIED AT PEAK PERIOD FOR THE DEMAND SHOWN ABOVE. REFER TO PARKING LETTER SUBMITTED.

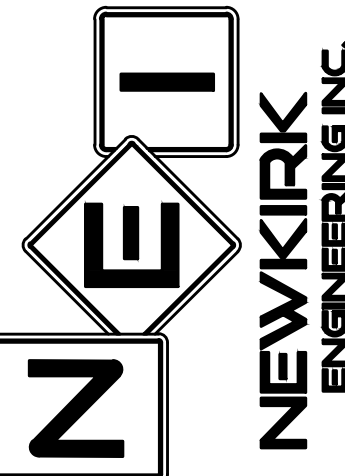
REVISIONS

DATE	DESCRIPTION
11/27/23	CITY COMMENTS
2/20/23	CITY COMMENTS

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L.C. # 2600584
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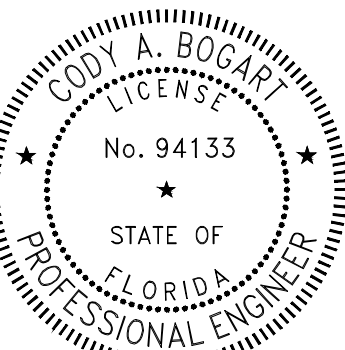
SITE LAYOUT PLAN

SHORES DEPOT

2616 SOUTH ATLANTIC AVENUE
DAYTONA BEACH SHORES, FL 32118

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PROJECT No: 2022-159

DATE: NOVEMBER 2023

DESIGN BY: CAB

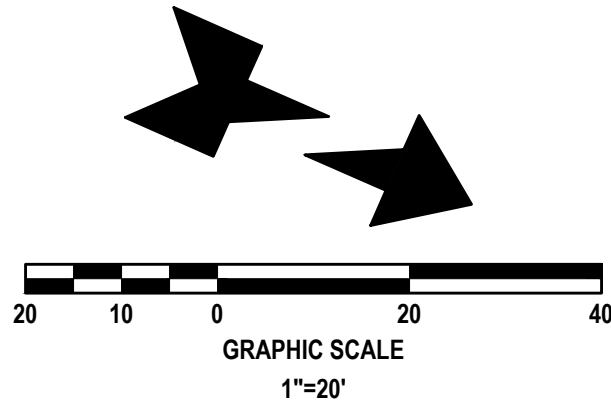
DRAWN BY: GAB

CHECKED BY: HHN

SCALE: 1"=20'

DRAWING NUMBER

06



SUMMARY OF DRAINAGE:

PERMITTED RUNOFF			OFF-E		OFF-S	
Design Storm	Rainfall (inches)	Charge Rate (cfs)	Inflow Volume (ft ³)	Charge Rate (cfs)	Inflow Volume (ft ³)	
Mean Annual, 24-Hour	PRE	5.00	3.80	21,103	0.41	2,512
25 Year, 24-Hour	PRE	9.00	6.92	38,348	1.05	6,030
100 Year, 24-Hour	PRE	10.60	8.19	45,320	1.41	7,743

PROPOSED DISCHARGE			OFF-E		OFF-S	
Design Storm	Rainfall (inches)	Inflow Rate (cfs)	Inflow Volume (ft ³)	Inflow Rate (cfs)	Inflow Volume (ft ³)	
Mean Annual, 24-Hour	POST	5.00	3.28	18,305	0.40	2,380
25 Year, 24-Hour	POST	9.00	6.73	36,196	0.95	5,137
100 Year, 24-Hour	POST	10.60	8.18	43,723	1.20	6,369

GRADING LEGEND:

- EXISTING CONTOUR
- PROPOSED CONTOUR
- DRAINAGE FLOW ARROW
- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION

BENCHMARK INFORMATION:

- #1 NORTH BOLT FIRE HYDRANT ELEVATION = 12.96 FEET
 - #2 CROSS FOUND IN N RIM OF MANHOLE ELEVATION = 10.59 FEET
- VERTICAL DATA
ELEVATIONS ARE ON NORTH AMERICAN VERTICAL DATUM OF 1988 BASED ON NATIONAL GEODETIC SURVEY BENCHMARK "K320" (PID AQ1363), HAVING A PUBLISHED ELEVATION OF 16.03 FEET.

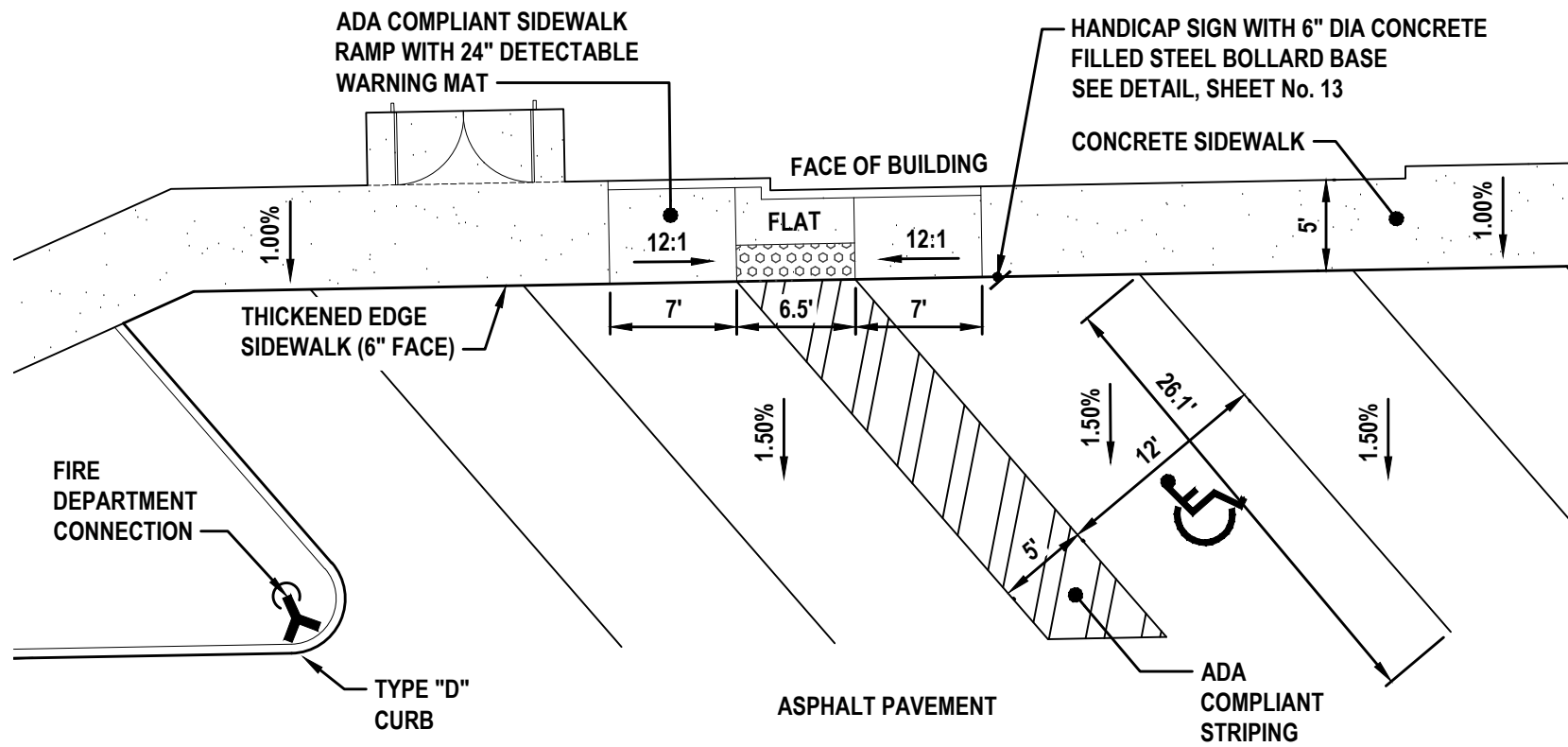
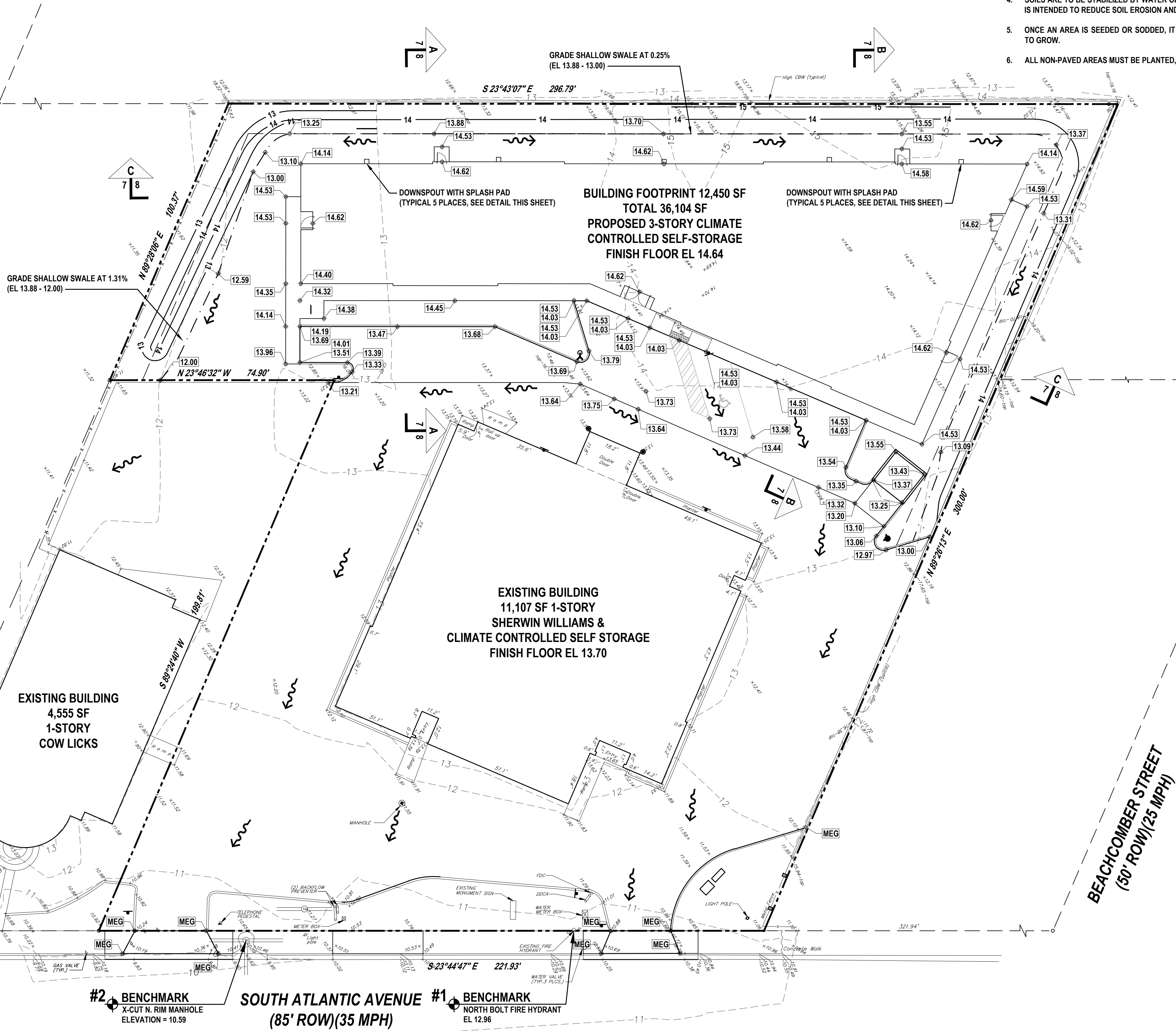
GENERAL GRADING NOTES:

- CROSS SLOPES OF ACCESSIBLE PARKING SPACES AND ACCESS AISLE SHALL NOT EXCEED 1:48 IN ACCORDANCE WITH SECTION 502.4 OF FACBC.
 - THE MAXIMUM ELEVATION CHANGE AT THE ENTRANCE DOOR MAY NOT EXCEED 1/2 INCH.
 - ALL SIDEWALK LANDINGS SHALL HAVE SLOPES NO GREATER THAN 1/8 INCH / 1 FOOT IN MANEUVERING SPACES AT ALL DOORWAYS.
 - ALL SIDEWALKS SHALL HAVE A 1 PERCENT CROSS SLOPE.
 - ALL IMPROVEMENTS SHALL BE STAKED FOR CONSTRUCTION BY MEANS OF DIGITAL COORDINATES BY SURVEY OR UTILIZING GEODETIC TOTAL STATION. SCALING OF DRAWINGS FOR PURPOSES OF STAKING ARE AT THE SURVEYOR.
- GENERAL EARTHWORK NOTES:
- IF ANY MUCK OR MUCK-LIKE MATERIAL IS DISCOVERED, IT WILL BE REQUIRED TO BE REMOVED, BACKFILLED WITH APPROPRIATE FILL, COMPACTED, AND TESTED USING AASHTO T-180 MODIFIED PROCTOR METHOD.
 - ALL FILLING IS TO BE PERFORMED IN ONE-FOOT LIFTS. THE COMPACTION REQUIREMENT IS 98% FOR PAVED AREAS AND 95% FOR UNPAVED AREAS PER AASHTO T-180 MODIFIED PROCTOR TEST.
 - TEMPORARY FILL STOCKPILING IS NOT PERMITTED IN LIFTS GREATER THAN SIX FEET.
 - SOILS ARE TO BE STABILIZED BY WATER OR OTHER MEANS DURING CONSTRUCTION. THIS IS INTENDED TO REDUCE SOIL EROSION AND THE IMPACT TO NEIGHBORING COMMUNITIES.
 - ONCE AN AREA IS SEEDS OR SODDED, IT MUST BE MAINTAINED TO ALLOW THE GRASS TO GROW.
 - ALL NON-PAVED AREAS MUST BE PLANTED, GRASSED, OR MULCHED.

GENERAL DRAINAGE NOTES:

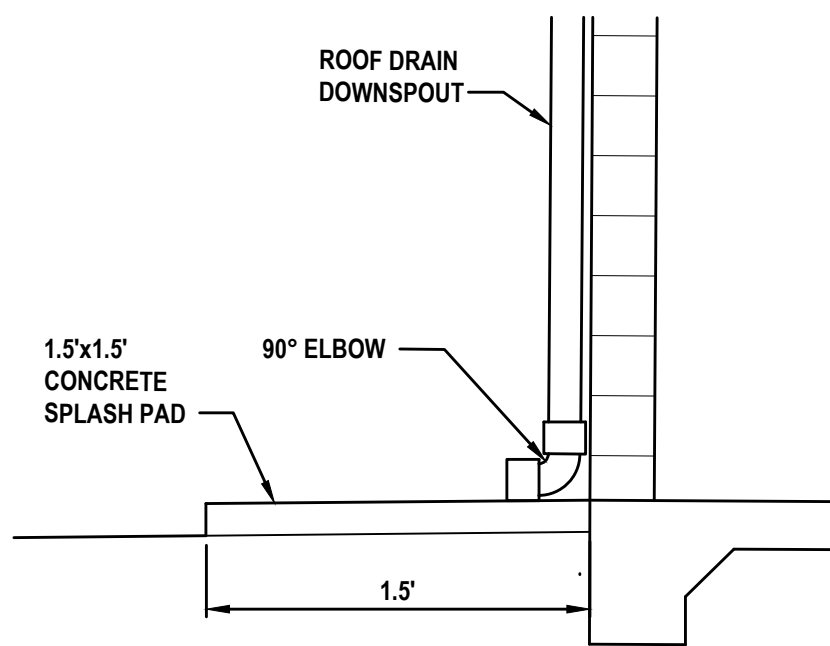
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO DRAINAGE SYSTEM AND SHALL RESTORE ANY DAMAGED STRUCTURES.
- ALL PIPE FROM THE BUILDING DRAINS SHALL BE SMOOTH INTERIOR CORRUGATED EXTERIOR (SIC) HDPE OR PVC SCH 40.
- ALL STORM PIPE SHALL BE CONSTRUCTED OF HDPE (SIC) PIPE WITH CERTIFIED WATERTIGHT JOINTS BY THE MANUFACTURER. ACCEPTABLE HDPE PIPE SHALL BE HANCOR SUR-LOK WT, ADS SERIES 35, ADS N-12 WITH WT JOINT OR EQUAL.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL MATERIAL AND STRUCTURES TO THE ENGINEER (NEWKIRK ENGINEERING, INC.) FOR APPROVAL PRIOR TO THE PRECONSTRUCTION MEETING.
- CONTRACTOR TO PLACE FILTER FABRIC BETWEEN DRAINAGE STRUCTURES AND TOPS TO PREVENT SOIL INTRUSION. THE FABRIC SHALL BE PERIODICALLY CLEANED OF SAND A DEBRIS FABRIC SHALL REMAIN IN PLACE UNTIL PAVING IS COMPLETE.
- ALL EXISTING STRUCTURES, UNLESS OTHERWISE NOTED TO REMAIN, FENCING TREES, & ETC., WITHIN THE CONSTRUCTION AREA SHALL BE REMOVED AND DISPOSED OF OFFSITE.
- ALL DRAINAGE STRUCTURES SHALL BE PRE-CAST PER FDOT SPECIFICATIONS.
- ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC (H20) LOADING AND BE INSTALLED ACCORDINGLY PER FDOT STANDARD SPECIFICATIONS AND MANUFACTURES SPECIFICATIONS RESPECTIVELY.
- ALL DRAINAGE STRUCTURES AND PIPES SHALL BE CLEANED OF SAND AT THE LAST STAGE OF CONSTRUCTION PRIOR TO THE FINAL INSPECTION.
- ALL STORM INLET GRATES SHALL BE STEEL (TRAFFIC RATED).

FLORIDA SHORES BOULEVARD
(90' ROW)(25 MPH)



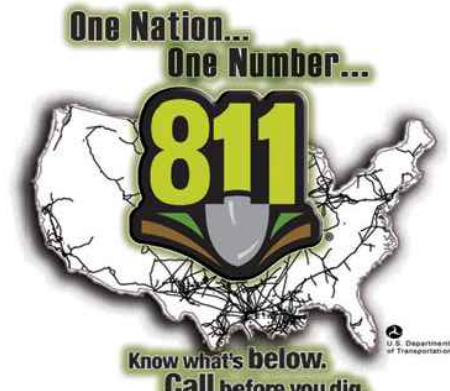
HANDICAP PARKING DETAIL

NOT TO SCALE



ROOF DRAIN DETAIL

NOT TO SCALE

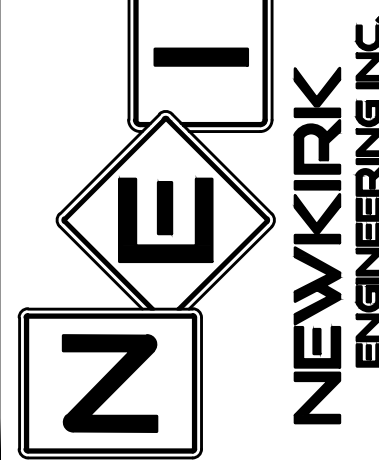


WARNING !!
CONTRACTOR SHALL TAKE ALL PRECAUTIONS DURING CONSTRUCTION TO AVOID CONTACT WITH EXISTING UNDERGROUND UTILITIES, GAS MAINS AND OVERHEAD ELECTRIC IN THE RIGHT-OF-WAY.

REVISIONS

DATE	DESCRIPTION
11/27/23	CITY COMMENTS
2/20/23	CITY COMMENTS

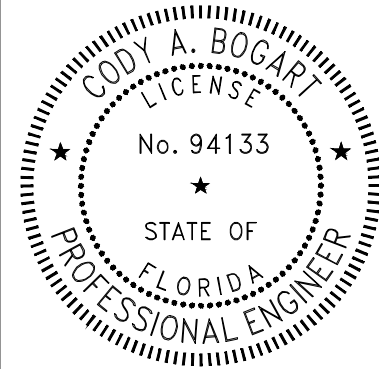
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SITE GRADING AND
DRAINAGE PLAN
SHORES DEPOT
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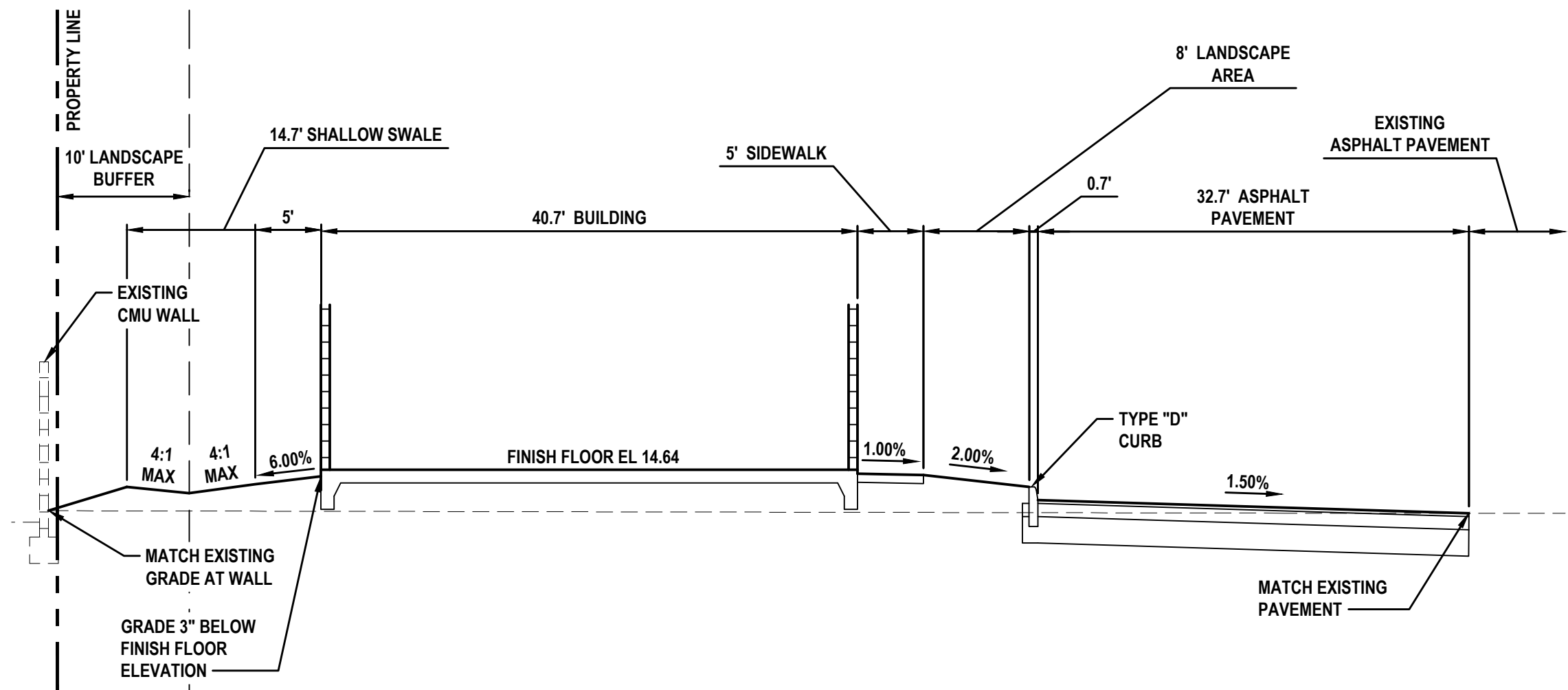
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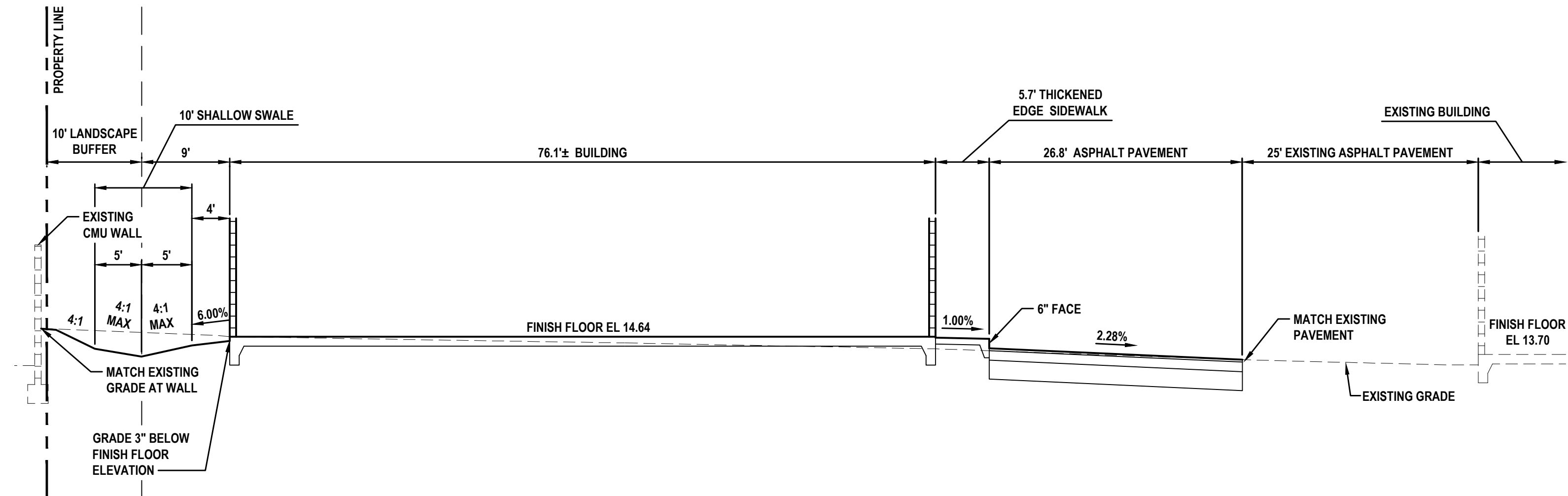
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CHECKED BY:	HHN
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DRAWING NUMBER	

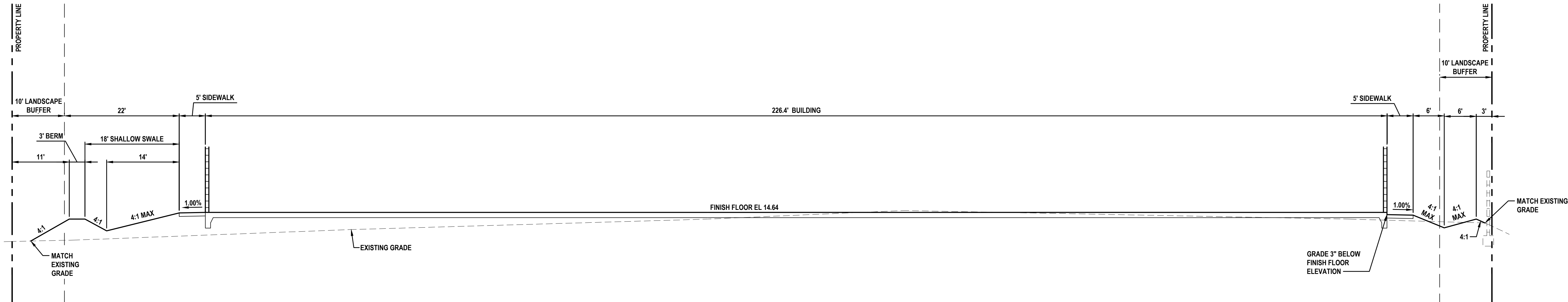
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SECTION A
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SECTION B
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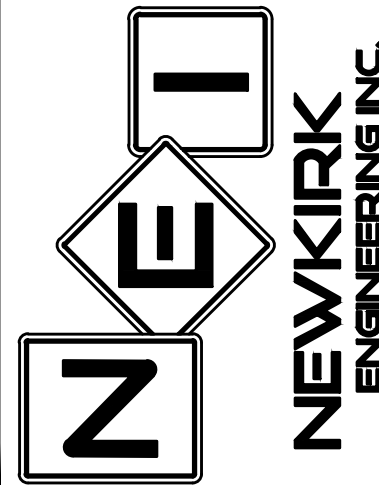


SECTION C
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REVISIONS

DATE	DESCRIPTION
11/27/23	CITY COMMENTS
2/20/23	CITY COMMENTS

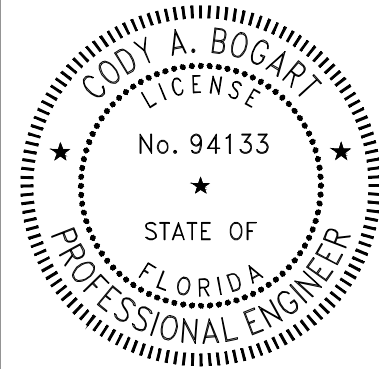
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CROSS SECTIONS
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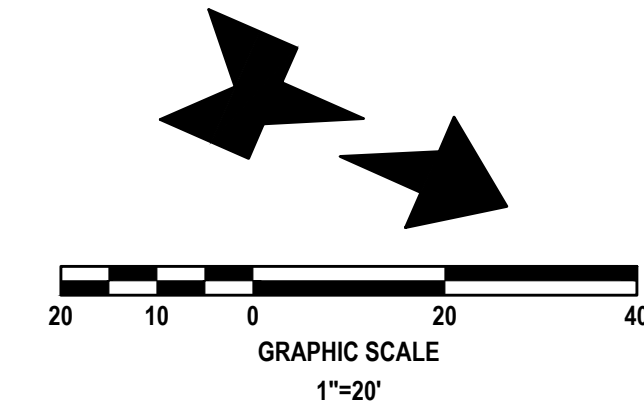


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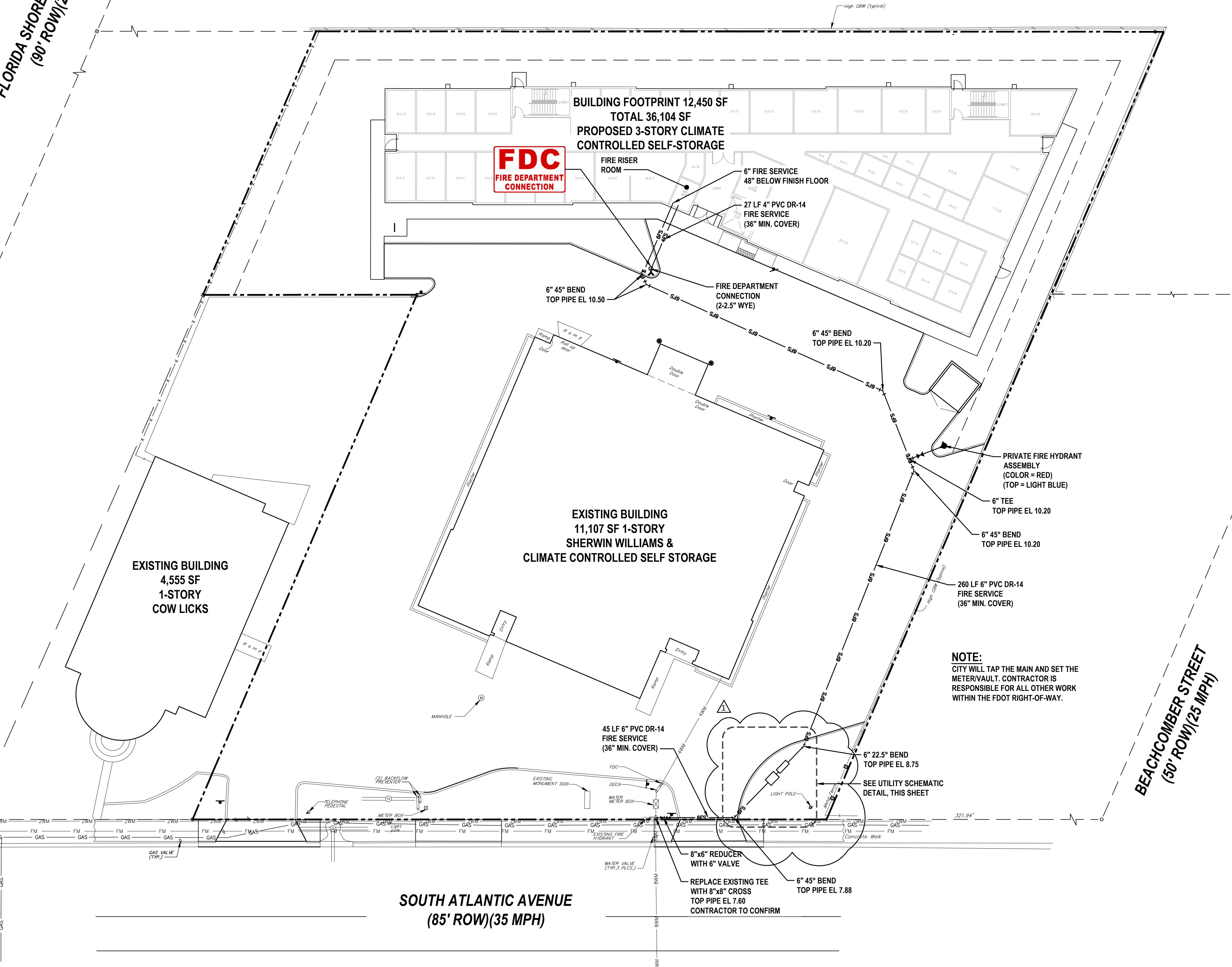
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FLORIDA SHORES BOULEVARD
(90' ROW)(25 MPH)



REQUIRED FIRE FLOW:

*SITE DESIGNED IN ACCORDANCE TO THE CURRENT FLORIDA FIRE PREVENTION CODE (FFPC).

FLORIDA BUILDING CODE CONSTRUCTION TYPE:	VB - UNPROTECTED
FIRE AREA:	37,950 SF
REQUIRED FIRE FLOW:	1,750 GPM @ 4 HOURS
PROVIDED FIRE FLOW:	2,507 GPM @ 20 PSI

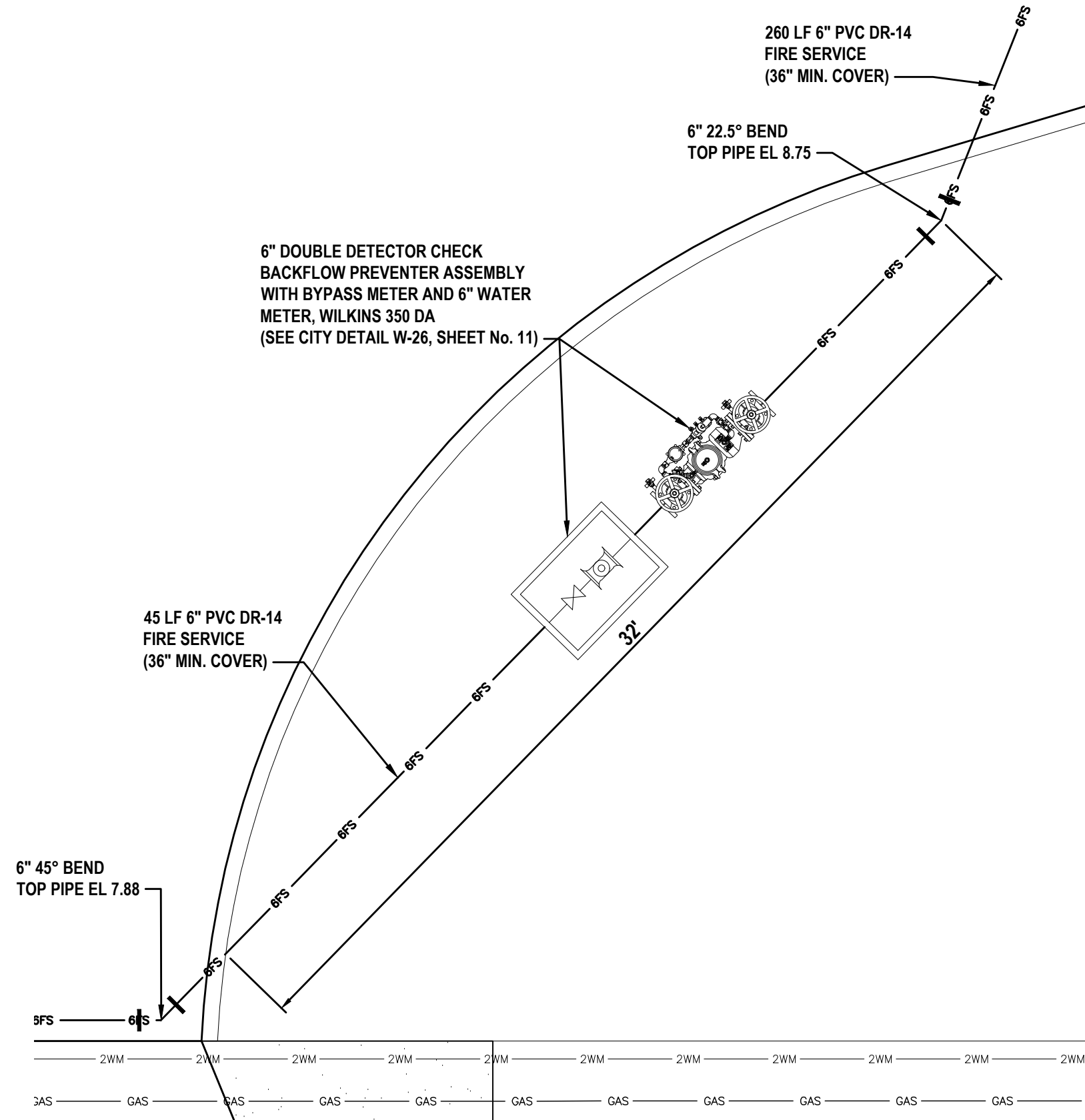
PROPOSED UTILITY LEGEND

—#5— FIRE SERVICE (# INDICATES SIZE)

□ UTILITY SCHEMATIC (SEE DETAILS, THIS SHEET)

GENERAL WATER NOTES:

1. THE CITY OF DAYTONA BEACH UTILITY DEPARTMENT SHALL BE NOTIFIED PRIOR TO BEGINNING ANY WATER SYSTEM CONSTRUCTION.
2. ALL WATER DISTRIBUTION CONSTRUCTION SHALL BE IN ACCORDANCE WITH FDEP REGULATIONS AND THE CITY OF PORT ORANGE UTILITY DETAILS AND SPECIFICATIONS (LATEST EDITION).
3. CONTRACTOR IS TO VERIFY THE LOCATION (HORIZONTAL AND VERTICAL) OF ALL EXISTING UTILITIES (UNDERGROUND AND OVERHEAD) PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY CONFLICTS SHALL BE REPORTED TO THE ENGINEER.
4. CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF ANY EXISTING PAVEMENT, SIDEWALK, CURBING, UTILITIES AND DRAINAGE SYSTEMS DAMAGED DURING CONSTRUCTION. ALL DAMAGED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
5. LOCATION OF TELEPHONE, T.V. CABLE AND ELECTRICAL SERVICE CONNECTIONS TO BE DETERMINED BY APPROPRIATE UTILITIES PERSONNEL IN COOPERATION WITH CONTRACTOR.
6. ALL WATER MAINS SHALL BE LAID ON A FIRM FOUNDATION WITH ALL UNSUITABLE MATERIAL (MUCK, ROCK, COQUINA, ETC.) REMOVED AND REPLACED WITH CLEAN GRANULAR MATERIAL.
7. TRENCHES SHALL BE BACKFILLED WITH MATERIAL ACCEPTABLE TO THE CITY OF DAYTONA BEACH UTILITY DEPARTMENT WITH A MINIMUM COMPACTION OF 98 PERCENT (AASHTO-T180).
8. WATER SERVICES FROM 3/4" TO 2" POLYETHYLENE (ENDOTRACE) WITH 36" MINIMUM COVER.
9. WATER MAIN FROM 4" TO 12" SHALL BE PVC CLASS 150 (DR 18) WITH 36" MINIMUM COVER.
10. ALL WATER AND FIRE SERVICES ARE REQUIRED TO HAVE A HARD BODY GATE VALVE OFF THE MAIN LINE.
11. ALL VALVES SHALL BE BOLTED TO TEES.
12. ALL POTABLE WATER PIPE SHALL HAVE "NSF POTABLE WATER" IMPRINTED ON THE PIPE.
13. ALL WATER MAIN FITTINGS 4 INCHES OR LARGER SHALL BE CEMENT LINED DIP.
14. A TAPPING CONTRACTOR ACCEPTABLE TO THE CITY OF PORT ORANGE UTILITY DEPARTMENT WILL BE REQUIRED FOR TAPS.
15. THE CONTRACTOR SHALL MAKE ALL ATTEMPTS TO LOCATE BURIED UTILITIES AND NOTIFY THE UTILITY COMPANIES 48 HR. PRIOR TO CONSTRUCTION.
16. UTILITY TRENCH CONSTRUCTION SHALL CONFORM TO CITY OF DAYTONA BEACH UTILITY DEPARTMENT, CITY OF DAYTONA BEACH UTILITY DEPARTMENT AND OSHA REQUIREMENTS.
17. IN THE CASE WHERE SOLVENT CONTAMINATION IS FOUND IN THE TRENCH, WORK WILL BE STOPPED AND THE PROPER AUTHORITIES NOTIFIED. WITH THE APPROVAL OF THE CITY OF DAYTONA BEACH UTILITY DEPARTMENT UTILITY DEPARTMENT, DUCTILE IRON PIPE, FITTINGS AND APPROVED SOLVENT RESISTANT GASKET MATERIAL SHALL BE USED IN THE CONTAMINATED AREA. THE DUCTILE IRON PIPE WILL EXTEND AT LEAST 100 FEET BEYOND ANY DISCOVERED SOLVENT.



UTILITY SCHEMATIC DETAIL
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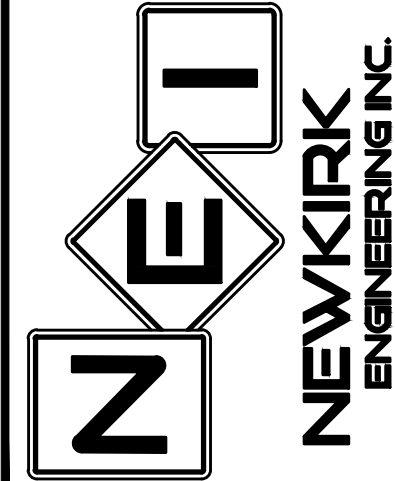


WARNING !!
CONTRACTOR SHALL TAKE ALL PRECAUTIONS DURING CONSTRUCTION TO AVOID CONTACT WITH EXISTING UNDERGROUND UTILITIES, GAS MAINS AND OVERHEAD ELECTRIC IN THE RIGHT-OF-WAY.

REVISIONS

DATE	DESCRIPTION
11/27/23	CITY COMMENTS
REVISION #1	

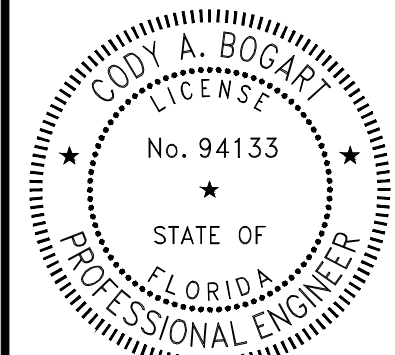
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SITE UTILITY PLAN
SHORES DEPOT
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FDEP WATER NOTES

1.

ALL PIPE, PIPE FITTINGS, PIPE JOINT PACKING AND JOINTING MATERIALS, VALVES, FIRE HYDRANTS, AND METERS INSTALLED UNDER THIS PROJECT WILL CONFORM TO APPLICABLE AMERICAN WATER WORKS ASSOCIATION (AWWA) STANDARDS.
2.

ALL PUBLIC WATER SYSTEM COMPONENTS, EXCLUDING FIRE HYDRANTS, THAT WILL BE INSTALLED UNDER THIS PROJECT AND THAT WILL COME INTO CONTACT WITH DRINKING WATER WILL CONFORM TO NSF INTERNATIONAL STANDARD 61.
3.

ALL PROPOSED WATER MAINS SHALL BE FLUSHED, DISINFECTED AND BACTERIOLOGICALLY CLEARED FOR SERVICE IN ACCORDANCE WITH AWWA SPECIFICATIONS C-651 AND THE FDEP PROTECTION REQUIREMENTS.
4.

POTABLE WATER PIPES SHALL BE HYDROSTATICALLY TESTED FOR PRESSURE AND LEAKAGE IN ACCORDANCE WITH AWWA STANDARD C600 FOR DUCTILE IRON PIPES AND C605 FOR PVC PIPES, RESPECTIVELY.
5.

ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE LEAD FREE, AND ANY SOLDER OR FLUX USED IN THIS PROJECT WILL CONTAIN NO MORE THAN 0.2% LEAD.
6.

ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE COLOR CODED OR MARKED IN ACCORDANCE WITH SUBPARAGRAPH 62-555.320(21)(B)3, F.A.C., USING BLUE AS A PREDOMINANT COLOR. (UNDERGROUND PLASTIC PIPE WILL BE SOLID-WALL BLUE PIPE, WILL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR WILL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL; AND UNDERGROUND METAL OR CONCRETE PIPE WILL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPED DURING MANUFACTURING OF THE PIPE WILL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED AT NO GREATER THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIPE PIPE DURING INSTALLATION OF THE PIPE, THE TAPE OR PAINT WILL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE; FOR PIPE WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT WILL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE WILL BE PAINTED BLUE OR WILL BE COLOR CODED OR MARKED LIKE UNDERGROUND PIPE.)
7.

POTABLE WATER PIPES MUST BE MANUFACTURED IN ACCORDANCE WITH THE FOLLOWING AWWA SPECIFICATIONS:

A.

DUCTILE IRON PIPE (3 INCHES TO 54 INCHES) - AWWA C150 AND AWWA C151;

B.

PVC PIPE

(1)

AWWA C900/ASTM 1784 (1 INCH TO 12 INCHES) WITH CL200 MINIMUM;

(2)

AWWA C905 (14 INCHES TO 48 INCHES);
8.

ALL FIRE HYDRANTS THAT WILL BE INSTALLED UNDER THIS PROJECT AND THAT WILL HAVE UNPLUGGED, UNDERGROUND DRAINS WILL BE LOCATED AT LEAST THREE FEET FROM ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, PIPELINE CONVEYING RECLAIMED WATER OR VACUUM-TYPE SANITARY SEWER; AT LEAST SIX FEET FROM ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-10, F.A.C.; AND AT LEAST TEN FEET FROM ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM."

9.

NEW OR ALTERED WATER MAINS INCLUDED IN THIS PROJECT WILL BE INSTALLED IN ACCORDANCE WITH APPLICABLE AWWA STANDARDS OR IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDED PROCEDURES.

10.

A CONTINUOUS AND UNIFORM BEDDING WILL BE PROVIDED IN TRENCHES FOR UNDERGROUND PIPE INSTALLED UNDER THIS PROJECT; BACKFILL MATERIAL WILL BE TAMPED IN LAYERS AROUND UNDERGROUND PIPE INSTALLED UNDER THIS PROJECT AND TO A SUFFICIENT HEIGHT ABOVE THE PIPE TO ADEQUATELY SUPPORT AND PROTECT THE PIPE; AND UNSUITABLY SIZED STONES (AS DESCRIBED IN APPLICABLE AWWA STANDARDS OR MANUFACTURERS' RECOMMENDED INSTALLATION PROCEDURES) FOUND IN TRENCHES WILL BE REMOVED FOR A DEPTH OF AT LEAST SIX INCHES BELOW THE BOTTOM OF UNDERGROUND PIPE INSTALLED UNDER THIS PROJECT.

11.

ALL WATER MAIN TEES, BENDS, PLUGS, AND HYDRANTS INSTALLED UNDER THIS PROJECT WILL BE PROVIDED WITH THRUST BLOCKS OR RESTRAINED JOINTS TO PREVENT MOVEMENT.

12.

NEW OR ALTERED WATER MAINS THAT ARE INCLUDED IN THIS PROJECT AND THAT WILL BE CONSTRUCTED OF ASBESTOS-CEMENT OR POLYVINYL CHLORIDE PIPE WILL BE PRESSURE AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA STANDARD C603 OR C605, RESPECTIVELY, AND ALL OTHER NEW OR ALTERED WATER MAINS INCLUDED IN THIS PROJECT WILL BE PRESSURE AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA STANDARD C600.

13.

NEW OR RELOCATED, UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT WILL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER, STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; A HORIZONTAL DISTANCE OF AT LEAST SIX FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY-TYPE SANITARY SEWER (OR A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY-TYPE SANITARY SEWER IF THE BOTTOM OF THE WATER MAIN WILL BE LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER);
- A HORIZONTAL DISTANCE OF AT LEAST SIX FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; AND A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM."
14.

NEW OR RELOCATED, UNDERGROUND WATER MAINS THAT ARE INCLUDED IN THIS PROJECT AND THAT WILL CROSS ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES ABOVE THE OTHER PIPELINE; AND NEW OR RELOCATED, UNDERGROUND WATER MAINS THAT ARE INCLUDED IN THIS PROJECT AND THAT WILL CROSS ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER WILL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OTHER PIPELINE.

15.

AT THE UTILITY CROSSINGS DESCRIBED ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE WILL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE OR THE PIPES WILL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
16.

IF CONNECTION OF THE PROPOSED ACTIVITY TO THE WATER MAIN WILL RESULT IN A DEPRESSURIZATION OF THE EXISTING SYSTEM BELOW 20 POUNDS PER SQUARE INCH, ONE OF THE FOLLOWING MUST OCCUR;

A.

PRECAUTIONARY BOIL WATER NOTICES MUST BE ISSUED IN CASES OF PLANNED DISTRIBUTION INTERRUPTIONS, WHICH ARE DEEMED AN IMMINENT PUBLIC HEALTH THREAT BY THE DEP CENTRAL DISTRICT OR WILL AFFECT THE BACTERIOLOGICAL QUALITY OF THE DRINKING WATER UNLESS THE PUBLIC WATER SYSTEM CAN DEMONSTRATE, BY SOUND ENGINEERING JUDGMENT, THAT THE INTEGRITY OF THE WATER SYSTEM HAS BEEN MAINTAINED; OR

B.

IN CASE OF BRIEF INTERRUPTION IN SERVICE, ADVISORIES (NOT BOIL WATER NOTICES) SHOULD BE ISSUED IF TEMPORARY CHANGES IN WATER QUALITY ARE EXPECTED TO OCCUR AND NOT DEEMED AN IMMINENT PUBLIC HEALTH RISK.
- LOCATION OF PUBLIC WATER SYSTEM MAINS IN ACCORDANCE WITH F.A.C. RULE 62-555.314
- | OTHER PIPE | HORIZONTAL SEPARATION | CROSSINGS (1) | JOINT SPACING AT CROSSINGS (FULL JOINT CENTERED) |
|--|-----------------------|---------------|--|
| STORM SEWER, STORMWATER FORCE MAIN, RECLAIMED WATER (2) | | | |
| VACUUM SANITARY SEWER | | | |
| GRAVITY OR PRESSURE SANITARY SEWER, SANITARY SEWER FORCE MAIN, RECLAIMED WATER (4) | | | |
| ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM | 10 FT MINIMUM (3) | — | — |
- (1) WATER MAIN SHOULD CROSS ABOVE OTHER PIPE. WHEN WATER MAIN MUST BE BELOW OTHER PIPE, THE MINIMUM SEPARATION IS 12 INCHES.

(2) RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(3) 3 FT FOR GRAVITY SANITARY SEWER WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST 6 INCHES ABOVE THE TOP OF THE GRAVITY SANITARY SEWER.

(4) RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
- TABLE 1: CLASSES OF EMBEDMENT AND BACKFILL MATERIALS
- | ASTM D 2321 MATERIAL CLASS | ASTM D 2487 USCS SOIL GROUP | MATERIAL TYPE | % PASSING | | | ATTERBERG LIMITS | |
|----------------------------|-----------------------------|--------------------------------------|-----------|---------------------------|------------|------------------|----|
| | | | 1 1/2 IN. | NO. 4 | NO. 200 | LL | PI |
| IA | NONE | MANUFACTURED OPEN GRADED AGGREGATES | 100% | ≤10% | <5% | NON PLASTIC | |
| IB | NONE | MANUFACTURED DENSE GRADED AGGREGATES | 100% | ≤50% | <5% | NON PLASTIC | |
| II | GW | COARSE-GRAINED SOILS, CLEAN | 100% | <50% OF "COARSE FRACTION" | <5% | NON PLASTIC | |
| | GP | | | >50% OF "COARSE FRACTION" | | | |
| | SW | | | | | | |
| | SP | | | | | | |
| III | GM | COARSE-GRAINED SOILS W/ FINES | 100% | <50% OF "COARSE FRACTION" | 12% TO 50% | <4 OR <"A" LINE | |
| | GC | | | >50% OF "COARSE FRACTION" | | <7 OR >"A" LINE | |
| | SM | | | | | >4 OR <"A" LINE | |
| | SC | | | | | >7 OR >"A" LINE | |
| IV-A | ML | FINE-GRAINED SOILS | 100% | 100% | >50% | <4 OR <"A" LINE | |
| | CL | | | | | >7 OR >"A" LINE | |
- TRENCH AND BEDDING DETAILS
- GENERAL NOTES
1.

BEDDING SHALL BE DUMPED CLASS I-A WORKED BY HAND, OR CLASS I-B COMPACTED TO 85% STANDARD PROCTOR. LOCAL CODE PERMITTING WITH GEOTECHNICAL ENGINEER AND OWNER APPROVAL NATIVE SOIL MAY BE USED FOR BEDDING PROVIDED IT MEETS THE EMBEDMENT AND BACKFILL MATERIALS IN TABLE 1 EXCLUDING CLASS IV-A.

2.

HAUNCHING SHALL BE WORKED AROUND THE PIPE BY HAND TO ELIMINATE VOIDS AND SHALL BE CLASS I-A, OR CLASS I-B OR CLASS II COMPACTED TO 95% STANDARD PROCTOR. PEA GRAVEL SHALL NOT BE USED AS A HAUNCHING MATERIAL. CLASS III MATERIAL SHALL BE ALLOWED FOR RIGID PIPE COMPACTED AT 95% STANDARD PROCTOR. INITIAL BACKFILL SHALL BE CLASS I-A WORKED BY HAND, OR CLASS I-B OR CLASS II COMPACTED TO 90% STANDARD PROCTOR, OR CLASS III COMPACTED 95% STANDARD PROCTOR. CLASS I & II MATERIAL SHALL BE USED FOR FLEXIBLE PIPE WHEN FILL HEIGHTS EXCEED 8".

3.

FINAL BACKFILL SHALL BE CLASS I-A WORKED BY HAND, OR CLASS I-B OR CLASS II COMPACTED TO 90% STANDARD PROCTOR, OR CLASS III COMPACTED 95% STANDARD PROCTOR. CLASS I & II MATERIAL SHALL BE USED FOR FLEXIBLE PIPE WHEN FILL HEIGHTS EXCEED 8".

4.

ALL MATERIALS ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2321. (SEE TABLE 1)

5.

ALL MATERIALS SHALL BE INSTALLED IN MAXIMUM 8" LOOSE LIFTS IN ACCORDANCE WITH ASTM D 698. CLASS III AND IV-A MATERIALS SHALL BE COMPACTED NEAR OPTIMUM MOISTURE CONTENT.

6.

FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3".

7.

ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES.

8.

DESIGN ENGINEER SHALL DESIGNATE ON THE PLANS WHERE WATERTIGHT JOINTS ARE TO BE REQUIRED.

9.

REPLACE WET OR UNSUITABLE SOIL AS NECESSARY TO PROVIDE A SUITABLE BASE, AS DIRECTED BY GEOTECHNICAL ENGINEER OR OWNER.

10.

WHERE GROUND WATER IS PRESENT CLASS I-A MATERIAL SHALL BE WRAPPED WITH A NON-WOVEN GEO-TEXTILE, EXCLUDING BEDDING MATERIAL BETWEEN 4" & 6" THICK.

11.

CONTRACTOR SHALL REFER TO GEOTECHNICAL REPORT FOR SOIL TYPE AND CLASSIFICATIONS FOR THIS PROJECT.

12.

CONTRACTOR SHALL REFER TO THE LATEST VERSION OF ASTM STANDARDS PRIOR TO CONSTRUCTION.
-
-
- UNDERGROUND RESTRAINT DETAIL
- NOT TO SCALE
-
- BACTERIOLOGICAL SAMPLE POINT DETAIL
- NOT TO SCALE
- REVISIONS
- | DATE | DESCRIPTION |
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DATE: NOVEMBER 2023
DESIGN BY: CAB
DRAWN BY: GAB
CHECKED BY: HHN
SCALE: N.T.S.
- DRAWING NUMBER
- 10
- Page 145 of 319

Section 01720
AS-BUILTS/RECORD DOCUMENTS

PART 1 - GENERAL

1.1 SCOPE OF WORK

- A. This Section sets forth the requirements for preparing as-built/record drawings and documents for verification of construction and archiving.

CONTRACTOR shall secure the services of a Florida licensed surveyor to collect data and prepare as-built/record drawings in accordance with City of Daytona Beach Utilities standards as follows:

1.2 REFERENCE

- A. The preparation work shall be in accordance with this section and supplementary details in the City of Daytona Beach Utilities Department Standard Details, latest edition.

1.3 AS-BUILTS/RECORD DRAWINGS AND DOCUMENTS:

In order to ensure that the project records are maintained to the highest standards and the information can easily be added to the City's electronic records the following information is required on all As-built/Record Drawings.

- A. The intent of these details for As-built/Record Drawings are required for all public facilities constructed. Prior to construction completion these as-built/record requirements will be reviewed to be certain the Contractor's surveyor has a clear understanding of what is required for completion of this work.

1. Pavement and curb widths shall be verified and dimensioned for each street at each block (or subdivisions) and as appropriate to confirm paving limits (on site plans).
2. All radii at intersections shall be verified and dimensioned. This information is to be clearly indicated on the as-built/record drawings.

THE CITY OF DAYTONA BEACH
UTILITIES DEPARTMENT



AS-BUILT DRAWING
REQUIREMENTS
(SHEET 1 of 7)

DT-2024-0009
Project: 2024-0009
Drawn: 01/15/2024
Checked: 01/15/2024
Scale: 1/8" = 1'-0"
Sheet: 01 of 07
Format: DT-2024-0009
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Section 01720
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3. Roadway elevation shall be recorded at all grade changes, 100' intervals along roadway, and other intervals as needed along all streets. Street centerline and curb invert elevations shall be recorded as noted. The as-built centerline profile of all streets shall also be shown on the plan and profile so it may be compared to the design profile grade lines. In the event that the as-built centerline longitudinal grade does not meet the City minimum standards, additional longitudinal grades of the adjacent curbing and similar roadway cross-section surveys to verify the correct cross slope, shall be required to verify that the system will function as originally designed.

4. Storm drainage structures shall be located and/or dimensioned from centerlines or lot lines as appropriate. Each structure shall be located by sub-meter GPS with Station & Offset, northerly & easterly, latitude, longitude, and elevation data.

5. Storm drainage pipe invert and inlet elevation shall be recorded and clearly denoted as As-built information. Design elevation shall be crossed out and as-built information written next to it.

6. Storm drainage pipe material, length, size shall be measured and/or verified. This information is to be clearly indicated as being as-built information.

7. All applicable topographic information pertinent to the on-site drainage system, such as ditches, swales, lakes, canals, etc. that are deemed necessary by the City to verify the functional performance of the storm system, shall be noted. Normally, recording elevation every 100 feet at the top of bank to toe of slope will be required. Measurements shall be taken and recorded in order to accurately tie down these features to the roadway centerlines and to plat lines. Whenever possible, contour lines shall be utilized to graphically describe these topographic features.

8. Retention areas shall have their top of bank and bottom elevations recorded. Actual measurements shall be taken and dimensions recorded of the size of all retention areas. Measurements shall be done from top of bank with side slopes indicated. Separate calculations shall be submitted to indicate required and provided retention volumes.

9. Actual materials used and elevations and dimensions of overflow weir structures and skimmers shall be noted on the as-built.

10. Storm drainage swale centerlines shall be located and elevations of flow line and top of bank shall be recorded every 100 feet. side slopes shall also be indicated.

THE CITY OF DAYTONA BEACH
UTILITIES DEPARTMENT



AS-BUILT DRAWING
REQUIREMENTS
(SHEET 2 of 7)

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11. Sanitary sewer manholes shall be verified and dimensioned from street centerlines or lot lines as appropriate. Each structure shall be located by sub-meter GPS with station & offset, northerly & easterly, latitude, longitude, and elevation data. All rim and invert elevation shall be verified and recorded. This information shall be clearly indicated as being as-built information. Design elevations shall be crossed out and as-built information written next to it.

12. For subdivisions, proposed design finish floor elevations shall appear on all subdivision lots on the appropriate plan and profile sheet as well as on the master drainage plan.

13. Sanitary sewer line lengths, sizes, material, slope, etc., shall be verified and recorded, this information is to be clearly indicated as being as-built information.

14. Sewer Laterals shall be verified and recorded at the clean out locations, stationing and offset distances shall be measured from upstream manholes towards downstream manholes. Invert information at clean out shall be provided and be located by sub-meter GPS with station & offset, northerly & easterly, latitude, longitude, and elevation data.

15. Lift station and foremain shall be verified and dimensioned from street centerlines or lot lines as appropriate. Foremain depth and location including valves will be provided and tied to permanent above grade features. dimensional and elevation information indicated on the approved plan shall be verified and recorded. This information shall be clearly indicated as being as-built information. Buried potable water lines and electrical service lines shall be clearly dimensioned, located and labeled. Each lift station shall be located by sub-meter GPS with station & offset, northerly & easterly, latitude, longitude and elevation data.

16. Curb cuts or metal tabs, used to mark sewer laterals, water services and water valves, shall be verified for presence and accuracy of location.

17. Potable and reclaimed water main lines shall be dimensioned off the baseline construction. Water main line material size, length and depth, placed shall be noted. Locations of valves shall also be tied to baseline construction. This information shall be clearly indicated as being as-built information.

THE CITY OF DAYTONA BEACH
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AS-BUILT DRAWING
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18. Potable and reclaimed water valves, tees, bends, all services, and fire hydrants shall be located by tying them to baseline construction (Sta. & Offset). Similarly, force main valves, tees, and bends shall be located in the same manner. Stationing and offset distances shall be measured from upstream manholes to downstream manholes. All services, valves, tees, bends, and hydrants shall be located by sub-meter GPS with station & offset, northerly & easterly, latitude, longitude and elevation data.

19. For perpendicular crossings of storm water, sanitary sewer, potable water, or reclaimed water, the as-built plans shall clearly indicate which utilities are located over or under other utilities, and identify vertical separation.

20. Any special features such as, concrete flumes, lake banks, walls, fencing, etc. which are a part of the approved construction drawings should also be located and dimensioned.

21. If an approved subdivision plat or site plan shows a conservation easement, the project surveyor should provide the exact location of the specimen tree(s) from the right of way or property lines and proposed easement boundaries on the as-built drawing. The as-built location of these trees will help verify the sufficiency of the conservation easement prior to plat recording or certificate of occupancy.

22. When storm water, potable water, reclaimed water, or sanitary sewer improvements are located within an easement, the as-built drawing will accurately depict the location of the easement itself as well as the exact location of the improvements within the easement. This is required in order to verify that the improvements have been properly located and to ensure that future subsurface excavation to perform remedial repair can be accomplished without disturbance beyond the easement.

23. Recorded Drawings are to be based on construction drawings and include both designed and constructed data, signed and sealed by a Florida licensed surveyor. The City will require the following items to be sent emailed and by hard copies. Item 1. Two PDF (One PDF as-built drawings shall also be electron signed and sealed by a the Surveyor; the second one not locked or signed.), 2. The as-built drawings to be provided on a CD with a digital copy in a compatible AutoCAD format, and PDF format.

24. Elevations shall be referenced to NAVD 1988 Data. As-built survey information shall be referenced to at least two Florida State Plane east coordinates NAD 83.

THE CITY OF DAYTONA BEACH
UTILITIES DEPARTMENT



AS-BUILT DRAWING
REQUIREMENTS
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25. Benchmark Datum utilizes monumentation from the North American Vertical Datum of 1929 with elevations adjusted to NGVD 1988 data. Any NAVD 1929 monument with the limits of construction is to be protected.
26. New conduits that are installed shall show location of tees and bends and record elevations every 100'. All shall be located by tying them to baseline/centerline construction (sta. & offset). Similarly, water mains, tees and bends shall be located in the same manner. All bends and tees shall be located by sub-meter GPS with station & offset, northerly & easterly, latitude & longitude and elevation data.

1.4 SUBMITTALS

- A. CONTRACTOR shall submit each month to CITY the Project Activity Summary that shows current construction activities and a copy of notices to agencies including the City regarding road closures; plus a record of events that will be needed in the future.

- B. CONTRACTOR shall submit to CITY as required the proposed shut-off schedule, capping, temporary service scheduling, record of notices to customers and proposed roadway closings.

- C. CONTRACTOR shall submit copies of published notices.

- D. CONTRACTOR shall submit Final Record Drawings for each utility included in the plans (water, reuse, sewer, foremain, and stormwater). Contractor will need to upload to the City's sharepoint a copy of the AutoCAD, Xref's, and PFD's files for a review before sending the CD to the City. Once reviewed with no comments, the Contractor will need to email a request for the Sharepoint file information to be able to upload the Recorded Drawings materials. The final submittal shall include two (2) PFD's: one that is electronically signed and sealed, the other unrestricted, on a CD with working AutoCAD, Xref's files, and a set of PDF files. (Paper copies will be no longer be required). When the Recorded Drawings are delivered for clearance of water line, they will be reviewed and are approved, and then can be scheduled for chlorination. CITY will not release the drinking water bacteriological laboratory report, and Clearance application to Volusia County Health Department until the As-built / Recorded Drawings information meets CITY requirements. CONTRACTOR will have 60 days from the time that the bacteriological samples are collected to submit any correction that needed to be done to the as-built and CD to CITY. If CONTRACTOR goes past the 60 days re-chlorination will be required and pay for the bacteriological laboratory report will be required.

THE CITY OF DAYTONA BEACH
UTILITIES DEPARTMENT



AS-BUILT DRAWING
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(SHEET 5 of 7)

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- E. Here are examples of how to display and label valves, fittings, and pipes on the plans in model space. Include a location arrow going to the identified object:

Valve Example:

20" GATE VALVE
STA. 22+23 (LT. 55.0')
LAT. = 29°12'53.009"
LONG. = 81°04'03.355"W
N = 1,774,373.4058
E = 634,602.7566
TOP OF NUT ELEV. = 27.50
GROUND ELEV. = 30.50

20" DIP WATER MAIN
STA. 22+00 (RT. 55.0')
LAT. = 29°12'50.009"N
LONG. = 81°04'26.355"W
N = 1,774,373.4058
E = 634,602.7566
TOP OF PIPE ELEV. = 27.50
GROUND ELEV. = 30.50

Manhole Example:

Manhole No. 25
STA. 22+23 (LT. 55.0')
LAT. = 29°12'53.009"
LONG. = 81°04'03.355"W
N = 1,774,373.4058
E = 634,602.7566
RIM ELEV. = 27.50
NORTH 15° RCP ELEV. = 8.50
WEST 24° CMP ELEV. = 7.50
BOTTOM ELEV. = 9.30

2" PVC CONDUIT
STA. 22+00 (RT. 55.0')
LAT. = 29°12'50.009"N
LONG. = 81°04'26.355"W
N = 1,774,373.4058
E = 634,602.7566
TOP OF PIPE ELEV. = 27.50
GROUND ELEV. = 30.50

Bench Mark Example (All Bench Marks used must be shown on the plans):

BM#13
STA. 20+33 (LT. 85.5')
3/4" Iron Rod with Plastic Cap...
N = 1,774,373.4058
E = 634,602.7566
LAT. = 29°04'53.355"W
LONG. = 81°04'53.355"W
ELEV. = 92.55

All Material must be labeled (type of material and distance) Example:
(WM 8" C-900 DR-18, 250') (WM 6" DIP 150') (Sanitary 8" SDR26 295' 0.40% XFM
(FM 10" C-900DR-18 100'), or (FM 6" DIP 30')

THE CITY OF DAYTONA BEACH
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AS-BUILT DRAWING
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PART 2 EXECUTION
2.1 General

All drawings shall be prepared to True State Plane Coordinates. CONTRACTOR shall provide all materials, equipment, labor needed to prepare and submit accurate As-Built/Record Drawings.

- A. It is acceptable to CITY if the surveyor utilizes an after the fact approach to collecting and verifying the location and depth by vertical PVC pipes placed by the CONTRACTOR as markers for this purpose. The surveyor shall verify to the accuracy defined of the As-built conditions in Florida Statutes and certify the Record Drawings.

- B. CITY shall not be considered the best source of information for valve locations that may have been lost during final grading, the surveyor or CONTRACTOR shall excavate and properly mark all valve boxes and each valve shall have a tag or color coded to define water, sewer, or reuse water valves. The use of temporary PVC pipe markers color coded is acceptable so long as cross references are provided on the Record Drawings to prevent the tops from a water valve being placed on a sewer valve.

- C. THE CONTRACTOR SHALL PROVIDE THE UTILITIES DEPARTMENT ENGINEERING DIVISION THE FINAL AS BUILT/RECORD DRAWINGS ON CD. THE AS BUILT RECORD DRAWINGS SHALL BE PREPARED USING AUTOCAD FORMAT 2010 OR LATER. IN MODEL SPACE THE DRAWING LABELING AND LINE WORK SHALL BE ON SEPARATE LAYERS. THE DRAWINGS SHALL BE IN PLS-8P (NAD83 FLORIDA STATE PLANE, EAST ZONE, US FOOT STATE PLANE COORDINATES AND SHALL BE ABLE TO BE INSERTED INTO THE CITY'S OVERALL GIS SYSTEM. THE RECORD DRAWINGS SHALL ALSO BE PRINTED, SIGNED AND SEALED AS ALLOWED BY STATE OF FLORIDA REGULATIONS. A DISCLAIMER MAY BE NOTED IN A TRANSMITTAL LETTER PLUS THE SURVEYOR MAY ADD A SPECIAL NOTICE ON EACH SHEET REGARDING THE LOCATION OF THE TRUE ORIGINAL RECORD DRAWINGS OR PLACE LIMITS ON RESPONSIBILITY SHOULD SOME-ONE IN THE FUTURE NEED TO MODIFY THE DRAWINGS.

- D. Identify the source markers for the survey used for Record Drawings.

END OF SECTION

THE CITY OF DAYTONA BEACH
UTILITIES DEPARTMENT



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REVISIONS

DATE	DESCRIPTION

1230 North US1, Suite 3
Ormond Beach, Florida 32174
Phone (386) 872-7794
www.NewKirk-Engineering.com
C.A. # 30209
L.C. # 26000584
C 2013



NEWKIRK
ENGINEERING INC.

Civil Engineering,
Transportation, CEI &
Landscape Architecture

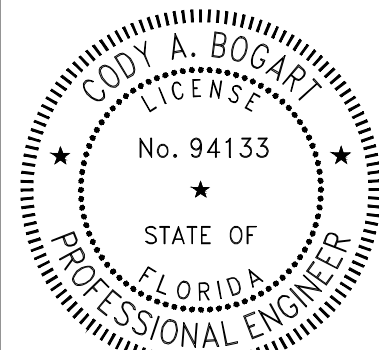
CITY OF DAYTONA BEACH
DETAILS

SHORES DEPOT

2616 SOUTH ATLANTIC AVENUE
DAYTONA BEACH SHORES, FL 32118

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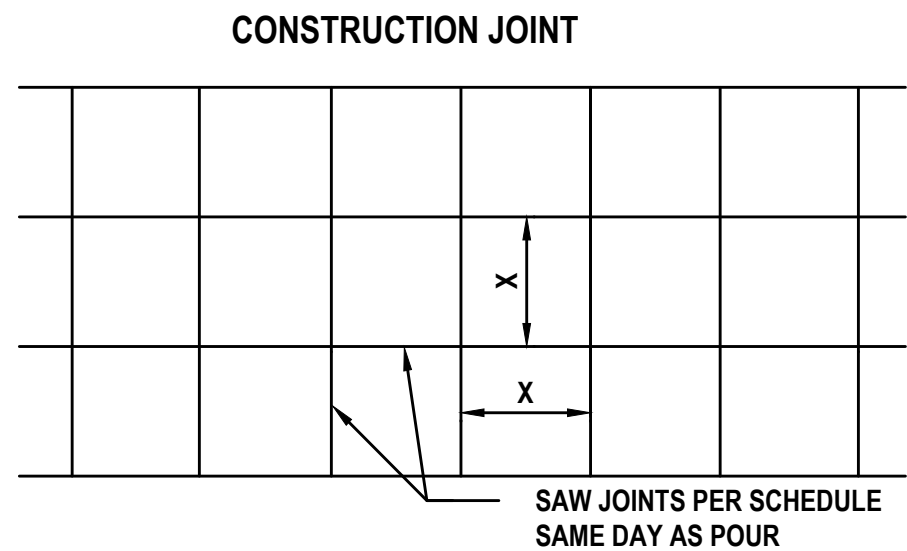
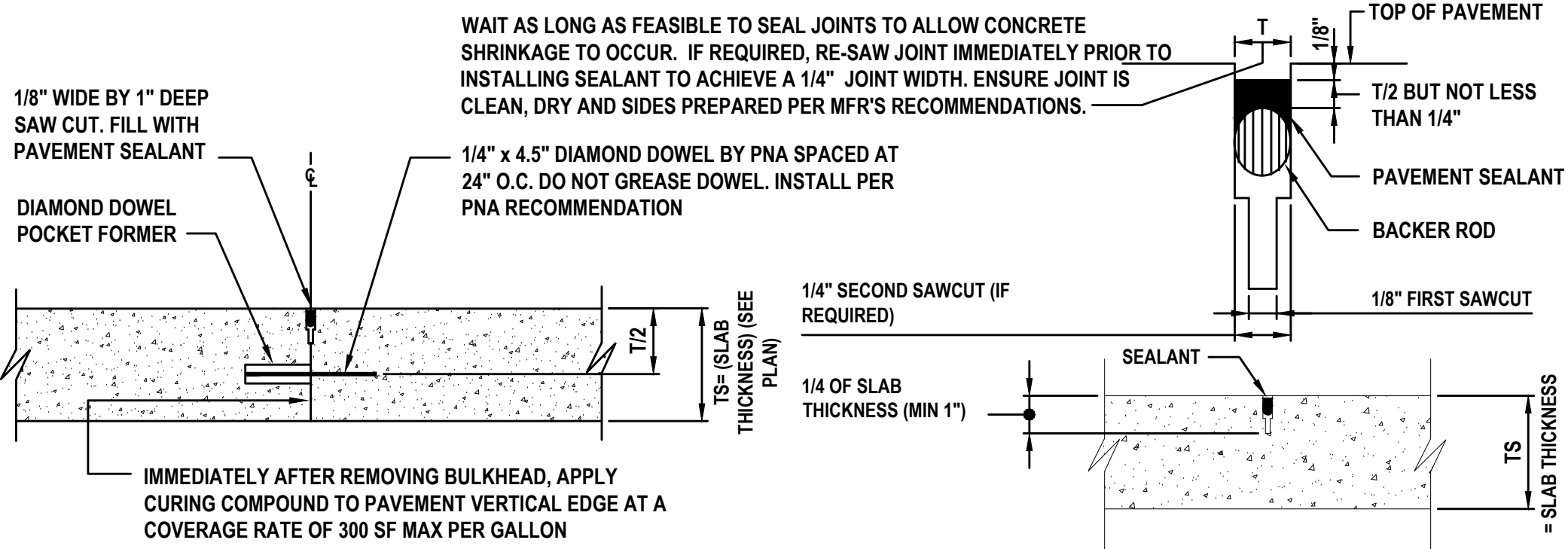


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PROJECT No:	2022-159
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DESIGN BY:	CAB
DRAWN BY:	GAB
CHECKED BY:	HHN
SCALE:	N.T.S.

DRAWING NUMBER

12



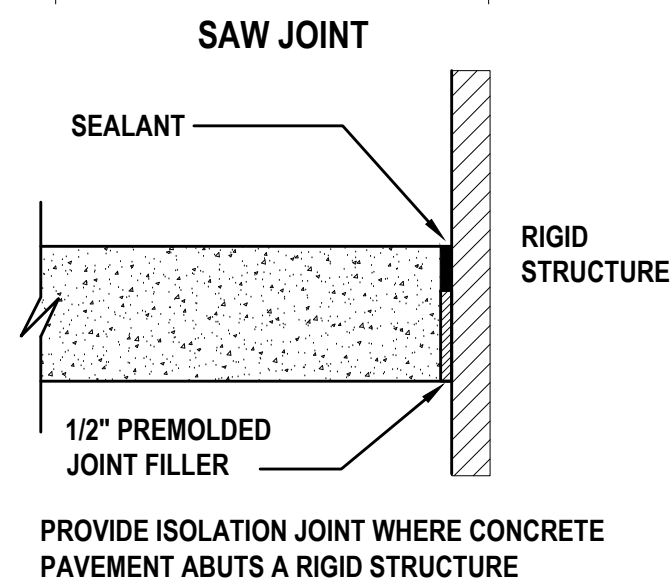
PLAN VIEW CONCRETE PAVEMENT

CONCRETE PAVEMENT JOINT DETAILS

NOT TO SCALE

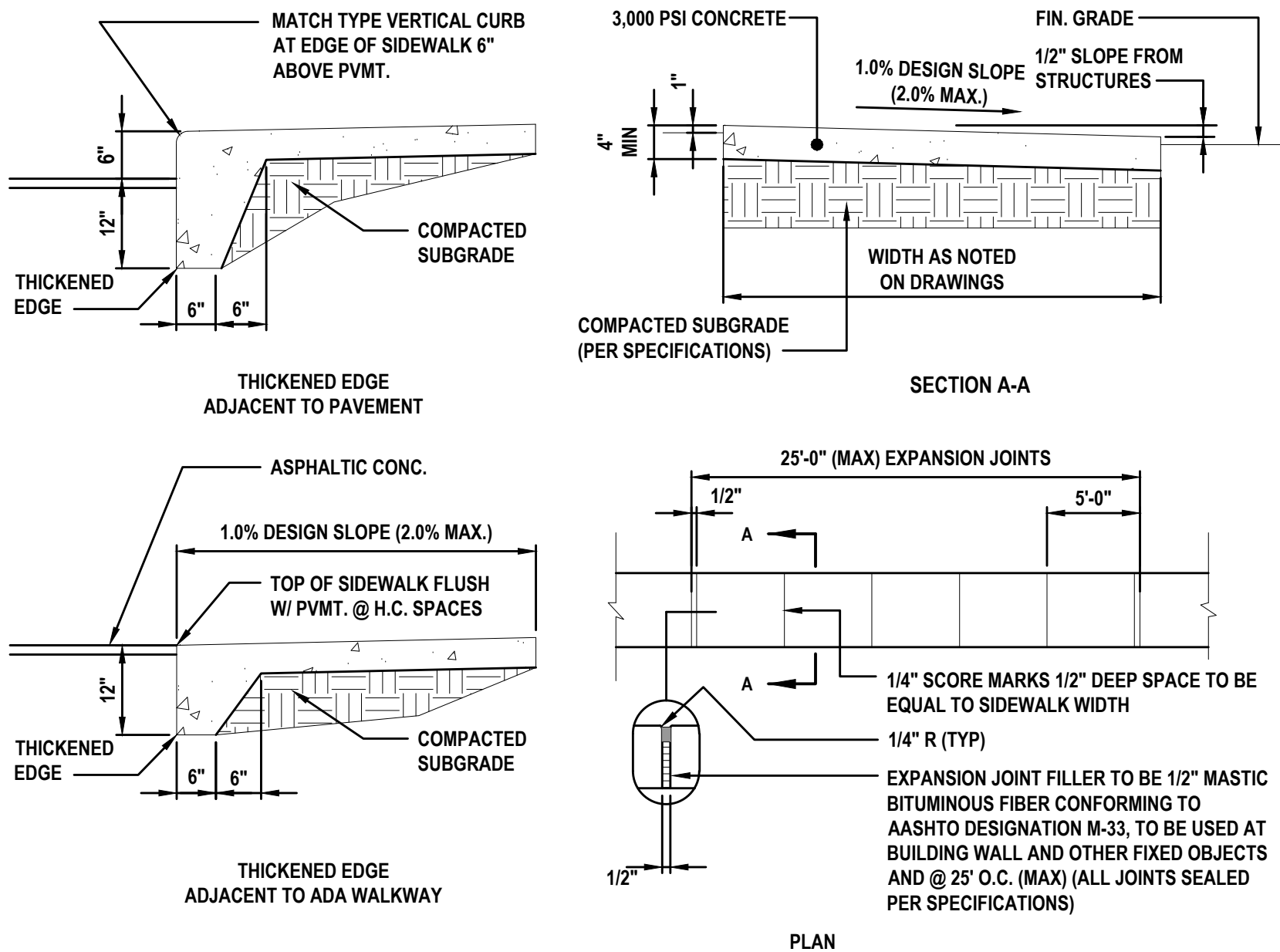
SAW CUT SCHEDULE

X = 12"x12"x2" DEEP



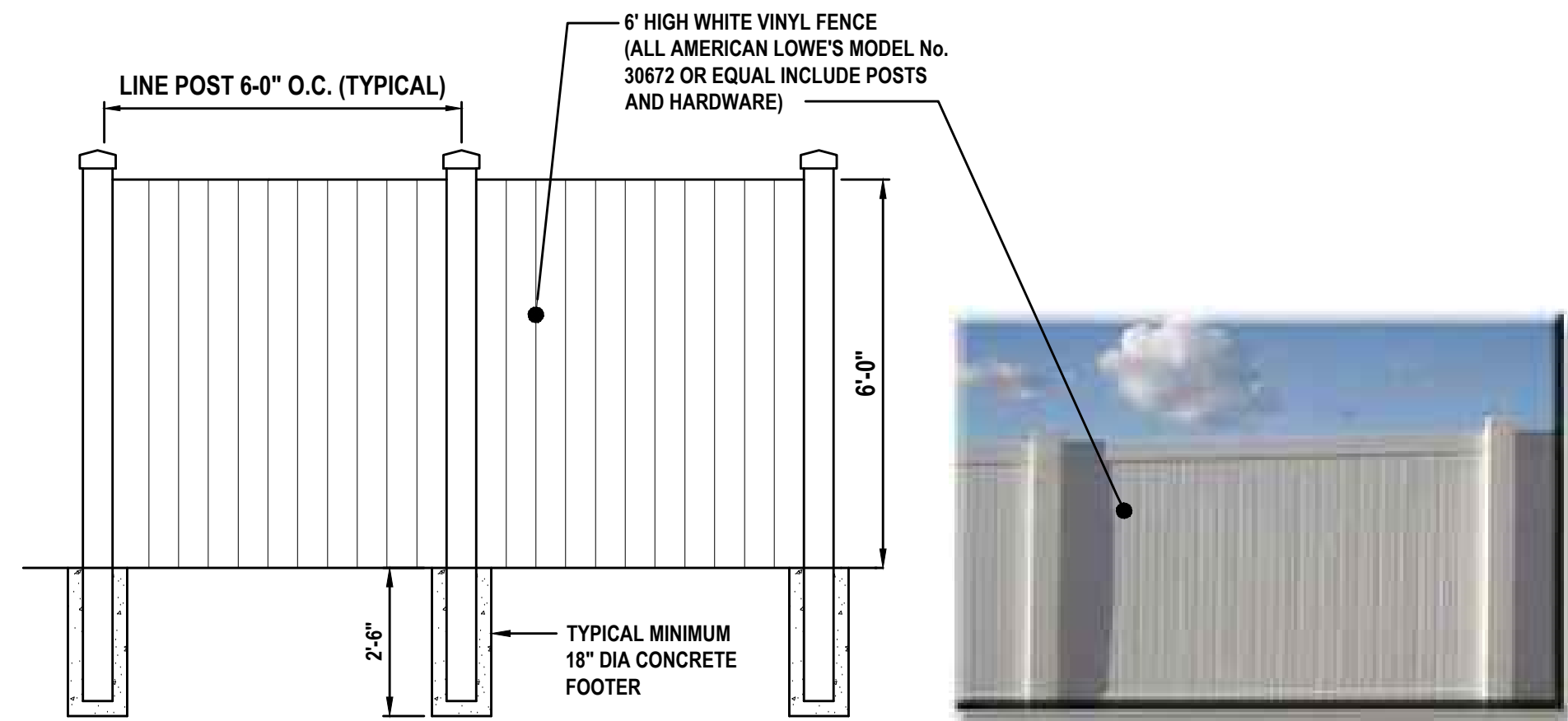
ISOLATION JOINT

CONCRETE WALKS SHALL BE 4 INCHES THICK, CLASS I, HAVING A 3,000 PSI STRENGTH @ 28 DAYS, POURED OVER PROPERLY PREPARED SUBGRADE. ALL CONCRETE SIDEWALKS SHALL BE 8 INCHES THICK ACROSS DRIVEWAYS. 1/2 INCH EXPANSION JOINTS SHALL BE PLACED AT A MAXIMUM OF 25'. CRACK CONTROL JOINTS SHALL BE 5' ON CENTERS.



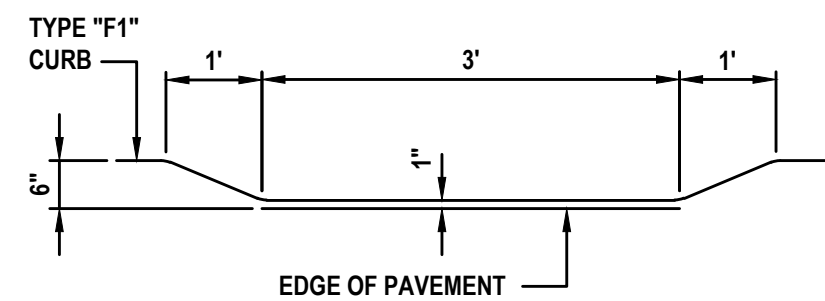
SIDEWALK DETAILS

NOT TO SCALE



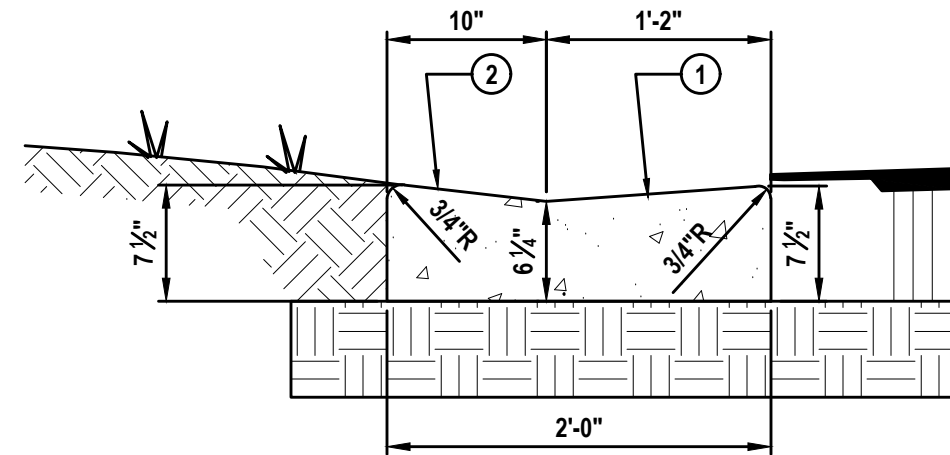
VINYL FENCE DETAIL

NOT TO SCALE



CURB NOTCH DETAIL

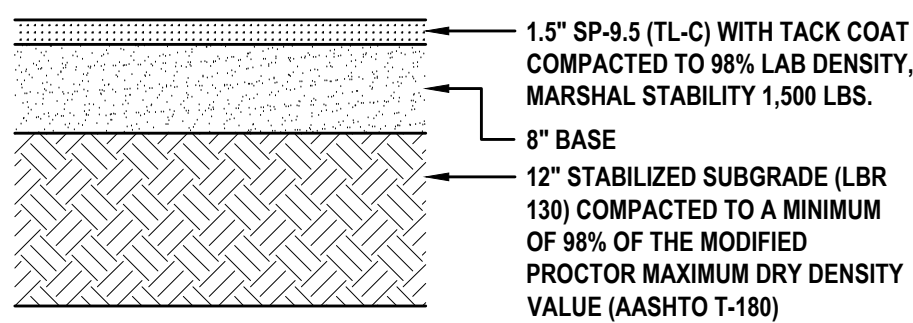
NOT TO SCALE



- 1 WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT.
- 2 SLOPE TO FIT DRIVEWAY

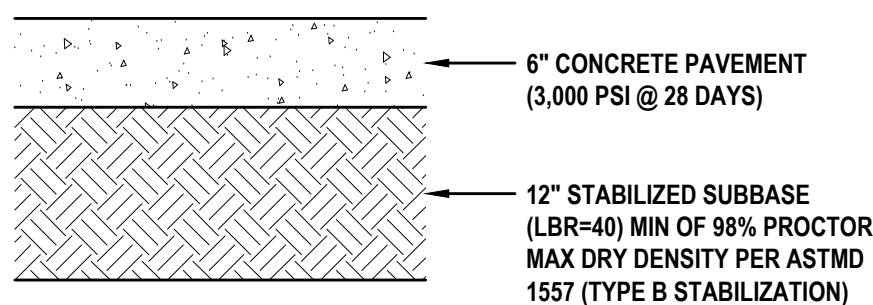
DROP CURB DETAIL

NOT TO SCALE



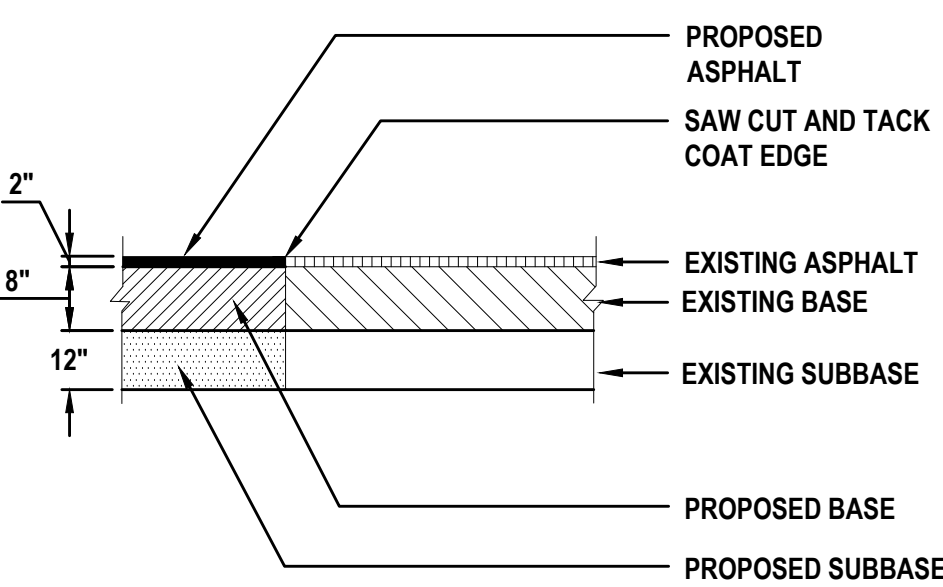
ASPHALT PAVEMENT

NOT TO SCALE



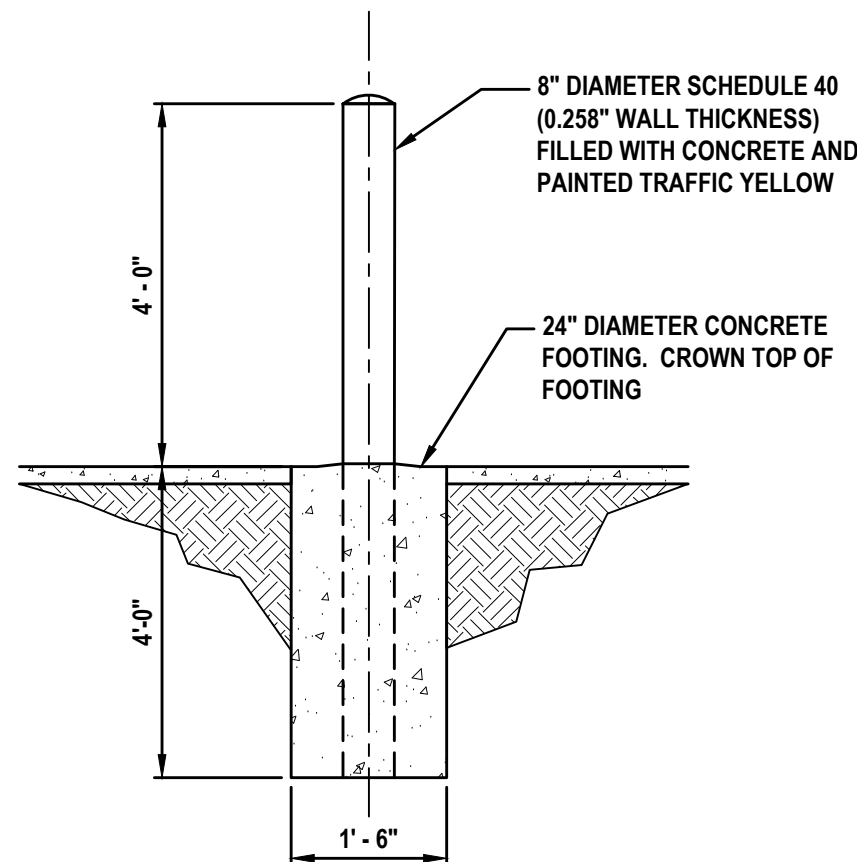
CONCRETE PAVEMENT

NOT TO SCALE



PAVEMENT BUTT JOINT DETAIL

NOT TO SCALE

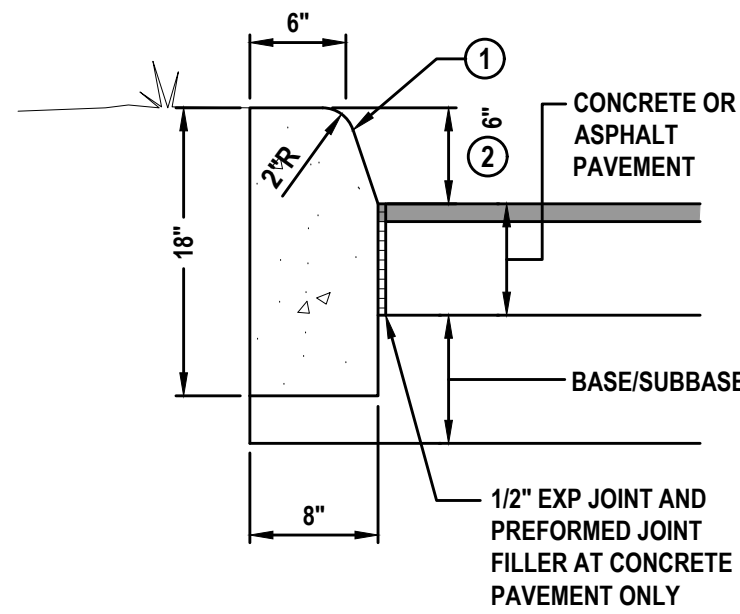


UTILITY BOLLARD DETAIL

NOT TO SCALE

CURB CONSTRUCTION NOTES

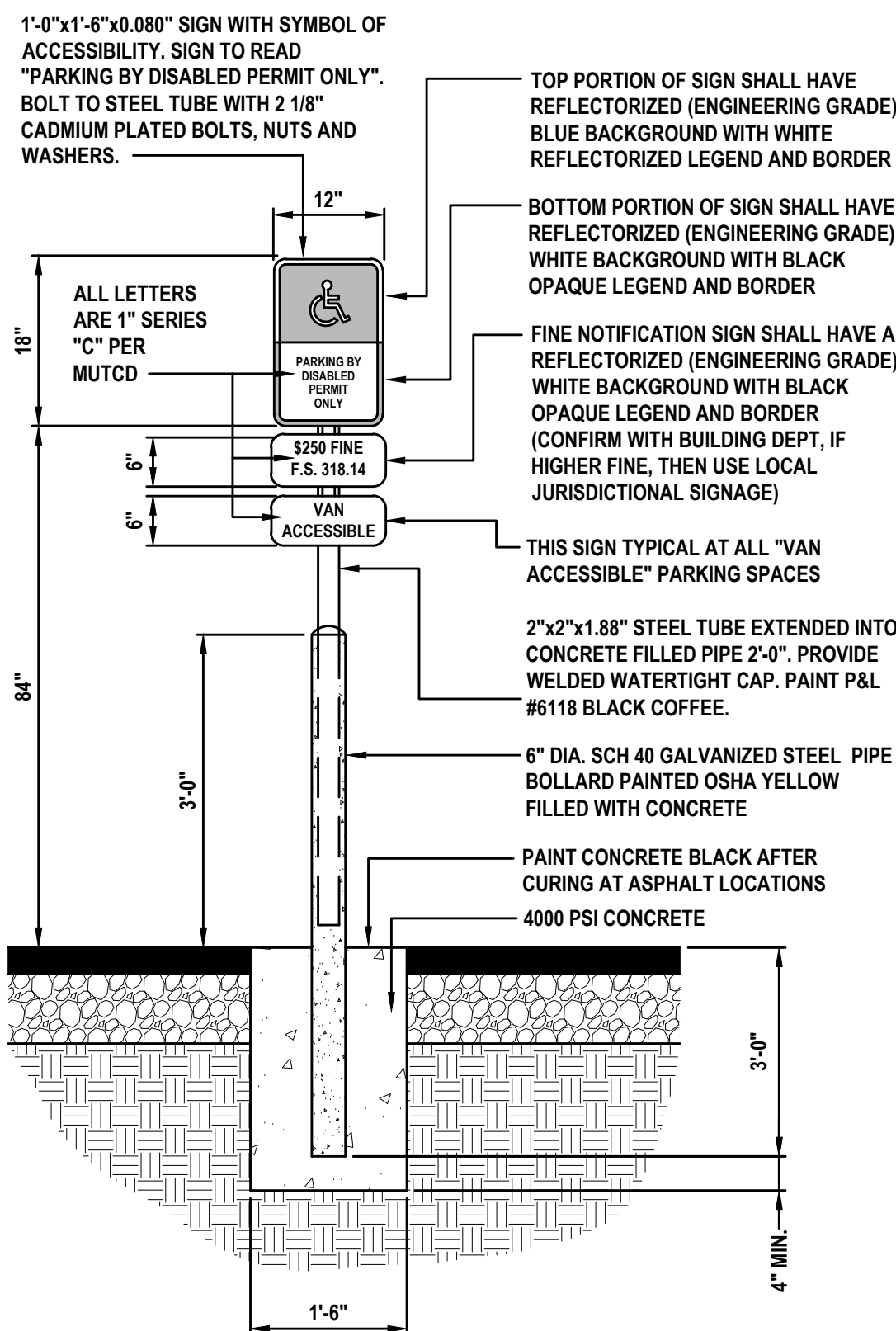
1. ALL CURBS TO BE CONSTRUCTED OF 28 DAY, 3000 P.S.I. CONCRETE.
2. 1/2" PRE-MOLDED EXPANSION JOINT REQUIRED EVERY 50', CONSTRUCTION JOINT REQUIRED EVERY 10' MAXIMUM (4" MINIMUM).
3. 1/2" PRE-MOLDED EXPANSION JOINT REQUIRED AT EACH SIDE OF ALL STORM INLET STRUCTURES AND AT ALL RADIUS POINTS.
4. 6" SUBBASE TO BE COMPACTED AND TESTED TO 98% DENSITY BASED ON AASHTO T-180 MODIFIED PROCTOR TEST AND SHALL BE STABILIZED TO A MINIMUM L.B.R. 40.
5. EXPANSION JOINT MATERIAL MUST COVER ENTIRE CROSS SECTION OF CURB. IN NO INSTANCE SHALL EXTRUDED CURBS (DEFINED AS HEADER-TYPE CURBS INSTALLED DIRECTLY ON TOP OF PAVEMENT) BE PERMITTED.



- 1 PROVIDE CONTRACTION JOINTS @ 10' O.C. AND EXPANSION JOINTS @ 50' O.C. ALL JOINTS SEALED PER SPECIFICATIONS
- 2 6" HEIGHT SHALL BE UNIFORM, IF HEIGHT VARIES ± 1/2" THEN CURB WILL BE REPLACED AT THE DISCRETION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

TYPE "D" CURB DETAIL

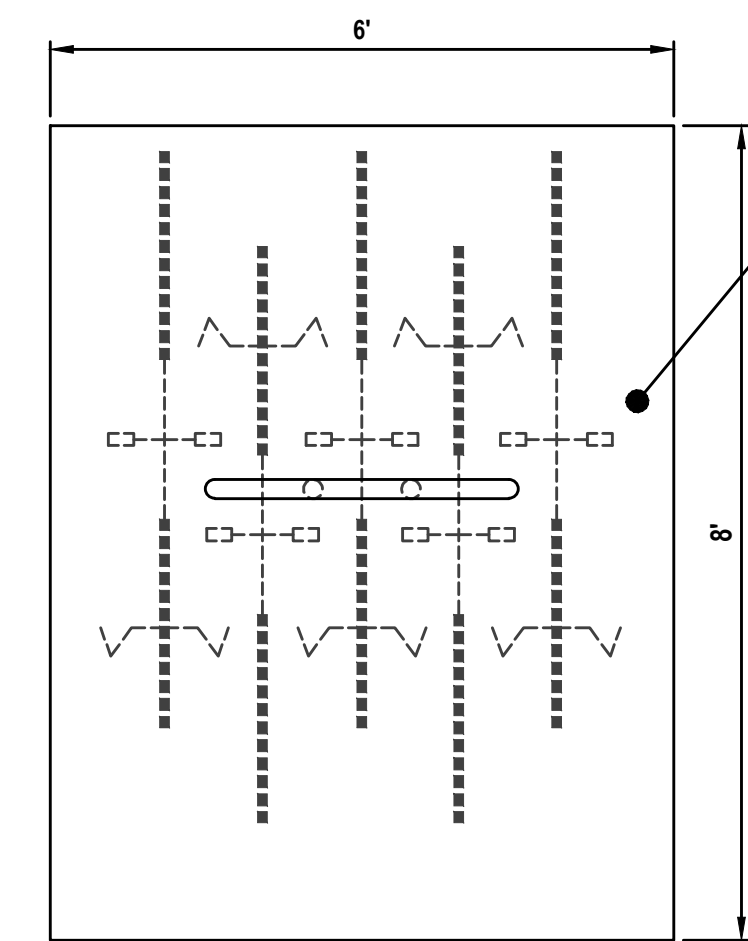
NOT TO SCALE



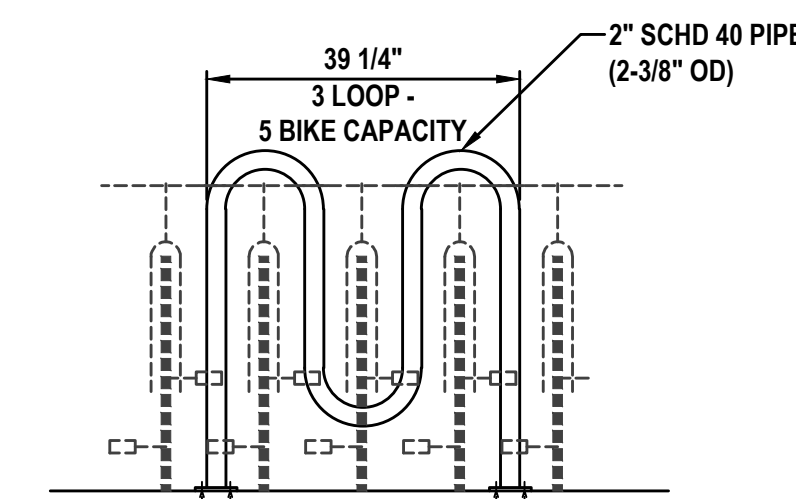
- NOTE:
1. PARKING SPACE IDENTIFICATION SIGN SHALL CONFORM WITH CURRENT STATE, LOCAL AND FEDERAL CODES AND REGULATIONS.
 2. ALL SIGNS SHALL BE DESIGNATED TO WITHSTAND 130 MPH WIND SPEED.

HANDICAP PARKING SIGN

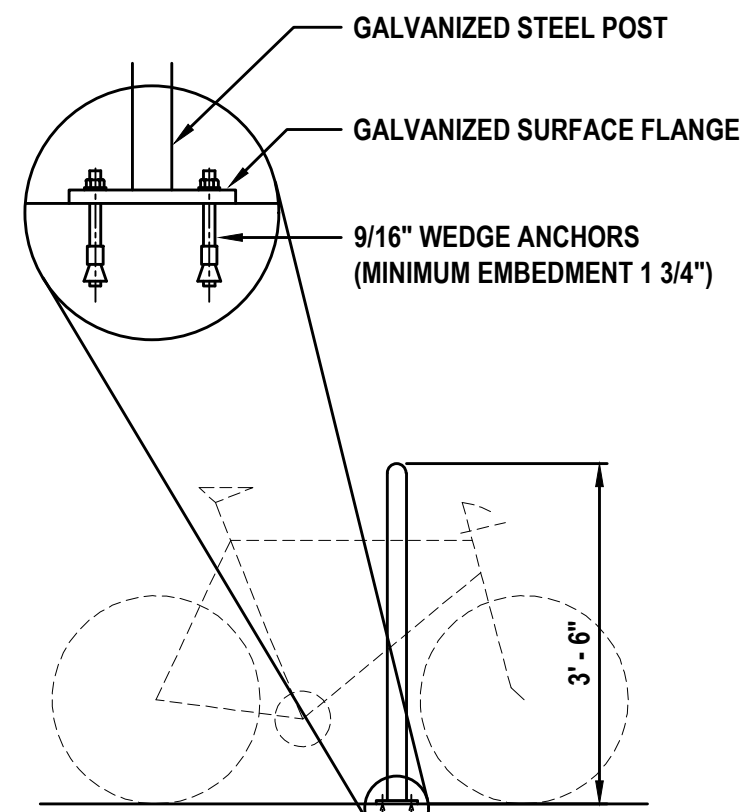
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PLAN VIEW



FRONT VIEW



SIDE VIEW

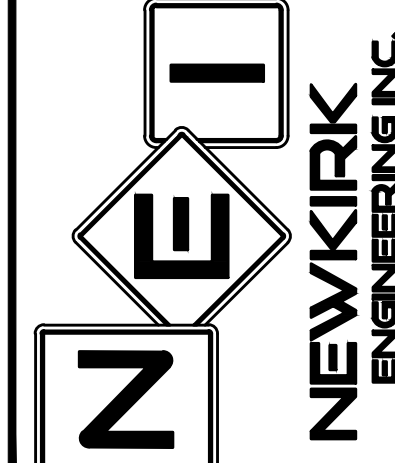
BICYCLE RACK DETAIL

NOT TO SCALE

REVISIONS

DATE	DESCRIPTION
11/27/23	CITY COMMENTS
2/20/23	CITY COMMENTS

1230 North US1, Suite 3
Ormond Beach, Florida 32174
Phone (386) 872-7794
www.NewKirk-Engineering.com
C.A. # 30209
L.C. # 2600584
C 2013
Civil Engineering,
Transportation, CEI &
Landscape Architecture



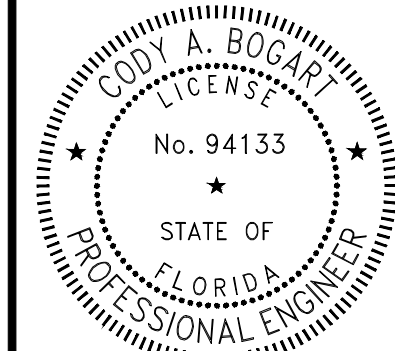
MISCELLANEOUS DETAILS

SHORES DEPOT

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DRAWN BY:	GAB
CHECKED BY:	HHN
SCALE:	N.T.S.
DRAWING NUMBER	

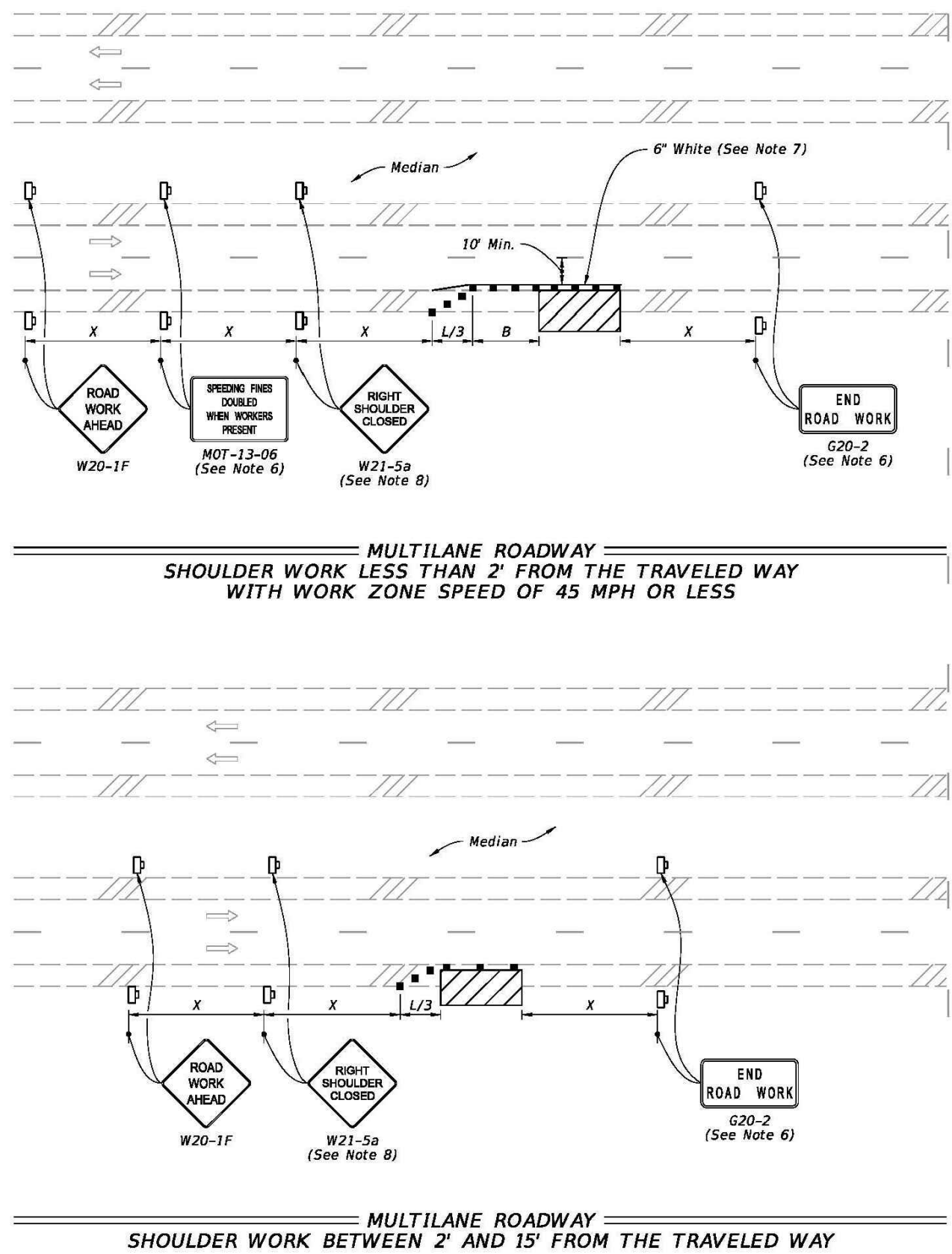
13

11/01/2023 10:27:27 AM

LAST REVISION	DESCRIPTION:	FY 2024-25 STANDARD PLANS	INDEX	SHEET
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NOTES: - L = Taper Length B = Buffer Length X = Work Zone Sign Distance See Index 102-600 for "L", "B", "X", channelizing device spacing values. - Provide a 5' wide temporary pedestrian way with a maximum cross-slope of 0.02, except where space restrictions warrant a minimum width of 4'. Provide a 5' x 5' passing space for temporary pedestrian ways less than 5' in width at intervals not to exceed 200'. - When temporary pedestrian ways require curb ramps, meet the requirements of Index 522-002. Detectable warnings are not required for curb ramps diverting pedestrian traffic into a closed lane. - The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign distances, may be omitted when the work operation will be in place for 24 hours or less. - Pedestrian Diversion Option 2 may only be used when called for in the Plans or as approved by an Engineer. SYMBOLS: - Work Area - Temporary Pedestrian Way - Channelizing Device (See Index 102-600) - Pedestrian Longitudinal Channelizing Device (LCD) - Work Zone Sign - Arrow Board - Crash Cushion - Lane Identification and Direction of Traffic	PEDESTRIAN DIVERSION - OPTION 1 (Temporary Barrier Shown, Low Profile Barrier Similar) PEDESTRIAN DIVERSION - OPTION 2 (Work Zone Speed 45 mph or Less) PEDESTRIAN SPECIAL DETOUR	FY 2024-25 STANDARD PLANS SIDEWALK CLOSURE INDEX 102-660 SHEET 2 of 2
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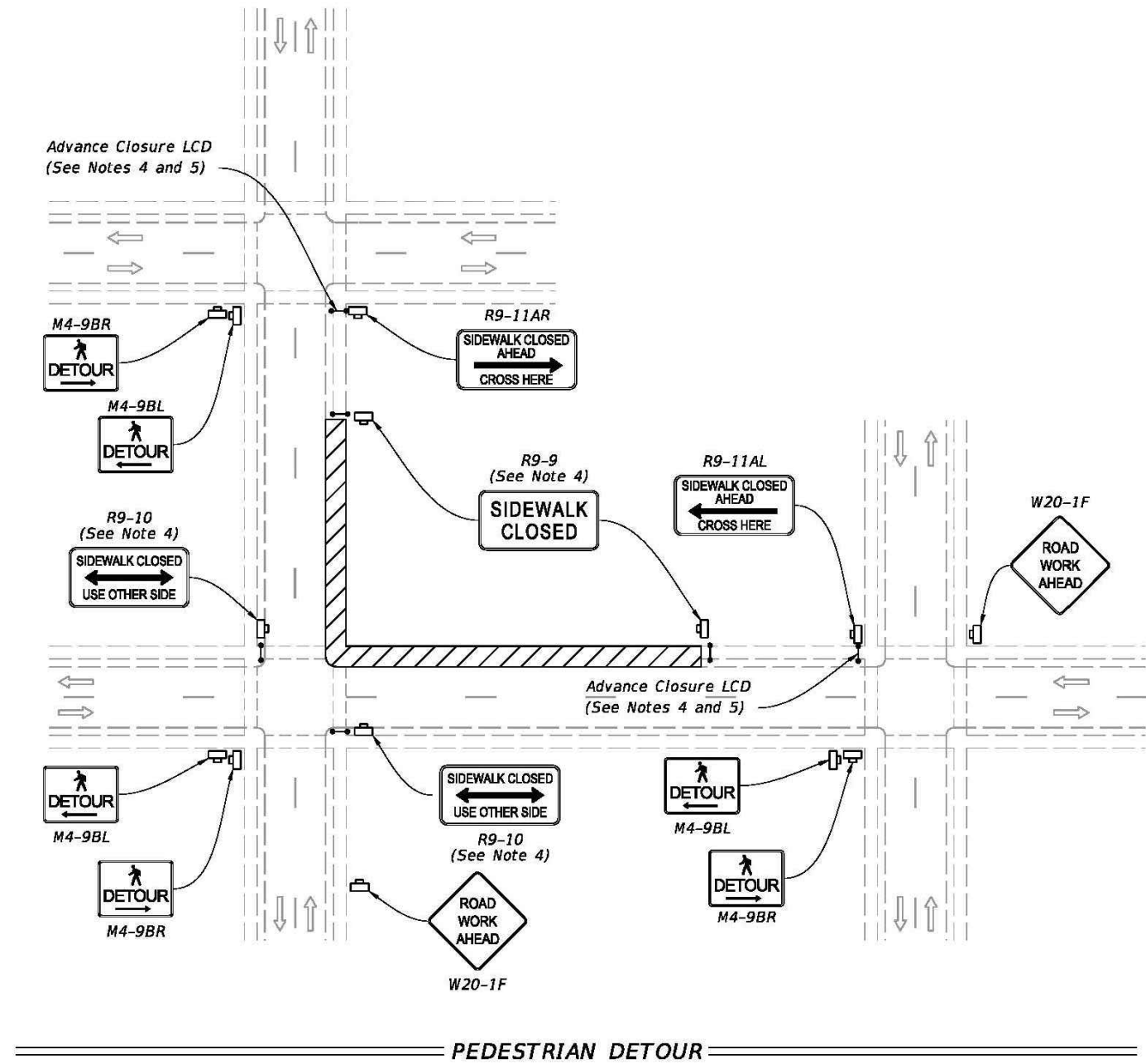


NOTES:

- Cover or deactivate pedestrian traffic signal display(s) controlling closed crosswalks.
- Place pedestrian LCDs across the full width of the closed sidewalk.
- For post mounted signs located near or adjacent to a sidewalk, maintain a minimum 7' clearance from the bottom of the sign panel to the surface of the sidewalk.
- "Sidewalk Closed" signs (R9-XX) may be mounted on pedestrian LCDs in accordance with the manufacturer's instructions.
- Omit the Advance Closure LCD if it blocks access to other pedestrian facilities (e.g., transit stops, residences, or business entrances).

SYMBOLS:

- Work Area
- Work Zone Sign
- Pedestrian Longitudinal Channelizing Device (LCD)
- Lane Identification and Direction of Traffic



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11/01/20			102-660	1 of 2

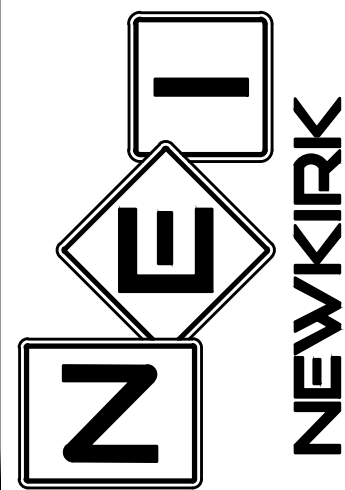
NOTES: - L = Taper Length B = Buffer Length X = Work Zone Sign Distance See Index 102-600 for "L", "B", "X", channelizing device spacing values. - Provide a 5' wide temporary pedestrian way with a maximum cross-slope of 0.02, except where space restrictions warrant a minimum width of 4'. Provide a 5' x 5' passing space for temporary pedestrian ways less than 5' in width at intervals not to exceed 200'. - When temporary pedestrian ways require curb ramps, meet the requirements of Index 522-002. Detectable warnings are not required for curb ramps diverting pedestrian traffic into a closed lane. - The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign distances, may be omitted when the work operation will be in place for 24 hours or less. - Pedestrian Diversion Option 2 may only be used when called for in the Plans or as approved by an Engineer. SYMBOLS: - Work Area - Temporary Pedestrian Way - Channelizing Device (See Index 102-600) - Pedestrian Longitudinal Channelizing Device (LCD) - Work Zone Sign - Arrow Board - Crash Cushion - Lane Identification and Direction of Traffic	PEDESTRIAN DIVERSION - OPTION 1 (Temporary Barrier Shown, Low Profile Barrier Similar) PEDESTRIAN DIVERSION - OPTION 2 (Work Zone Speed 45 mph or Less) PEDESTRIAN SPECIAL DETOUR	FY 2024-25 STANDARD PLANS SIDEWALK CLOSURE INDEX 102-660 SHEET 1 of 2
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11/01/2023 10:28:04 AM

REVISIONS

DATE	DESCRIPTION
11/27/23	CITY COMMENTS

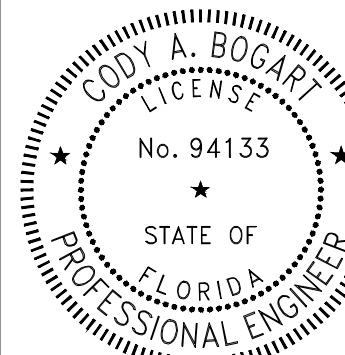
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**MAINTENANCE OF TRAFFIC
SHORES DETOP**
2616 SOUTH ATLANTIC AVENUE
DAYTONA BEACH SHORES, FL 32118

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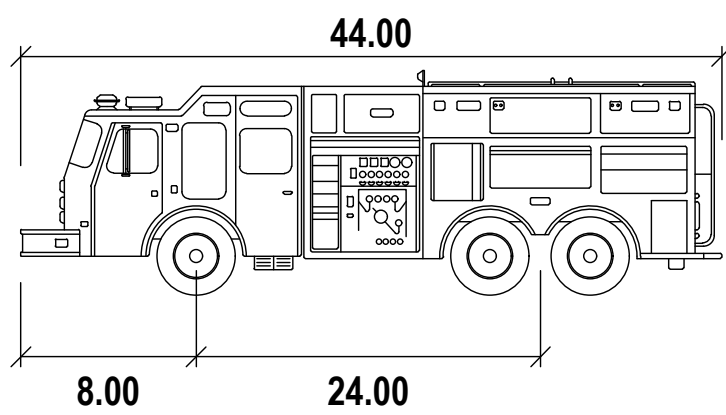
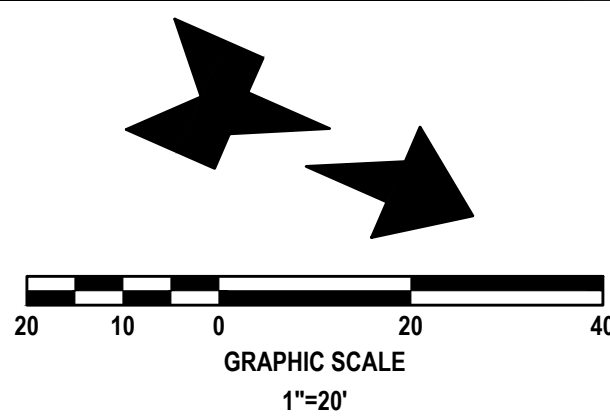
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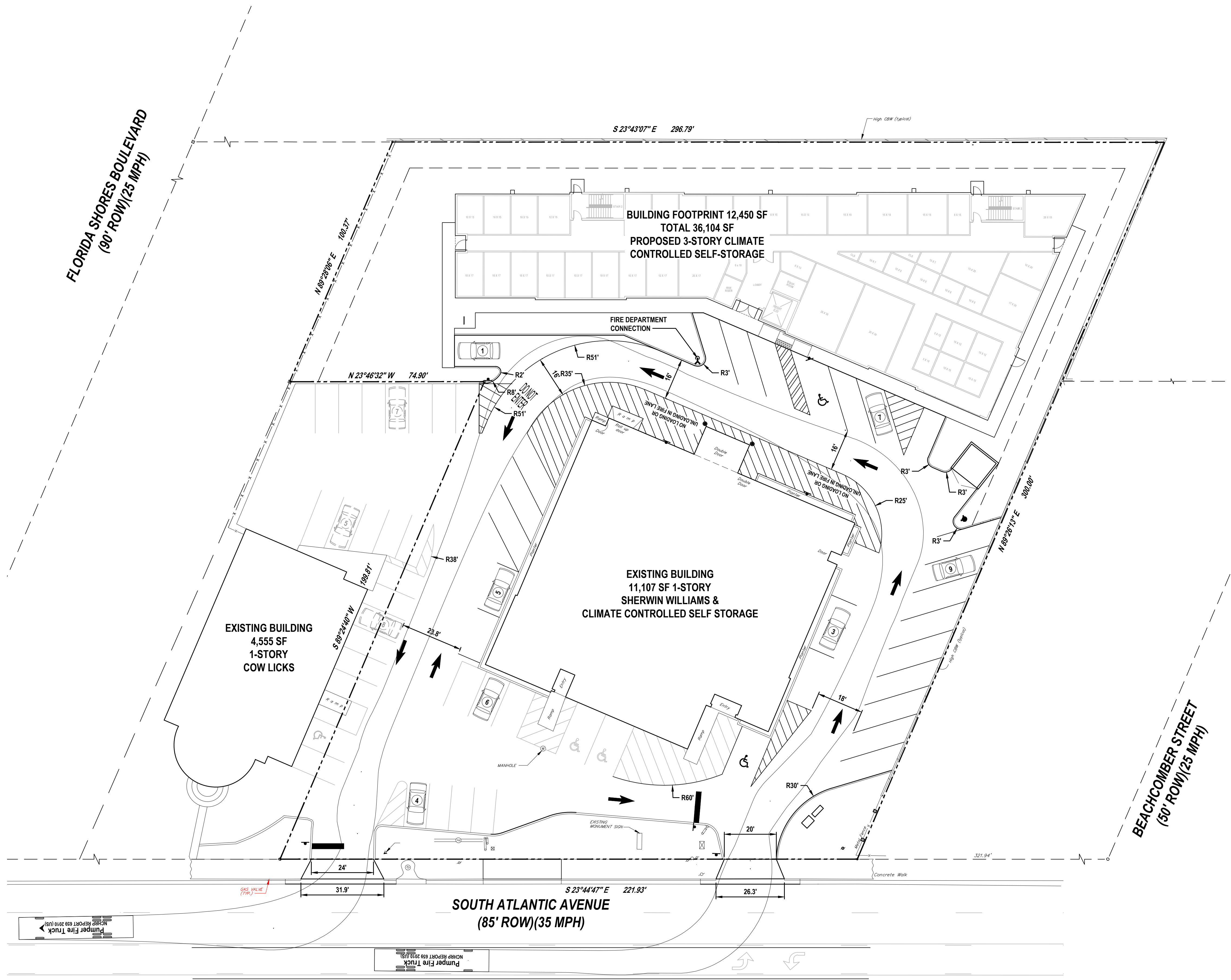
PROJECT No:	2022-159
DATE:	NOVEMBER 2023
DESIGN BY:	CAB
DRAWN BY:	GAB
CHECKED BY:	HHN
SCALE:	N.T.S.
DRAWING NUMBER	

14



Pumper Fire Truck

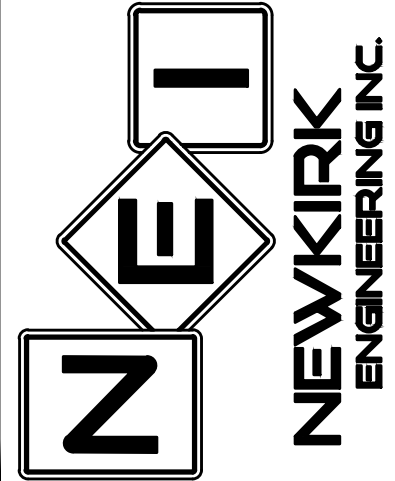
	feet
Width	: 8.50
Track	: 8.50
Lock to Lock Time	: 6.0
Steering Angle	: 37.8



REVISIONS

DATE	DESCRIPTION

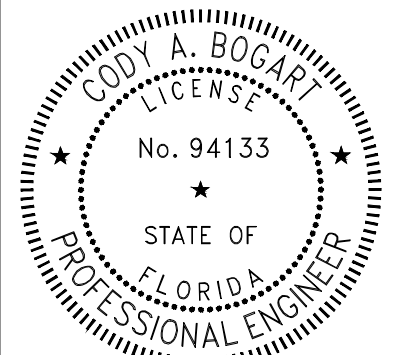
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AUTOTURN PLAN - FIRE
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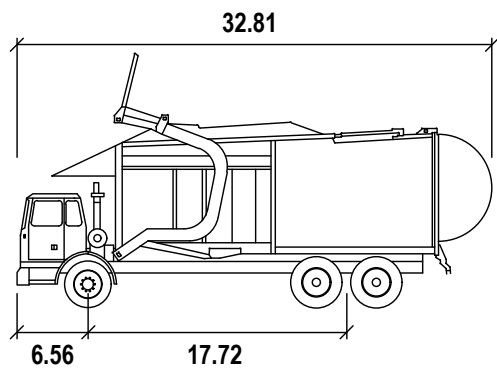
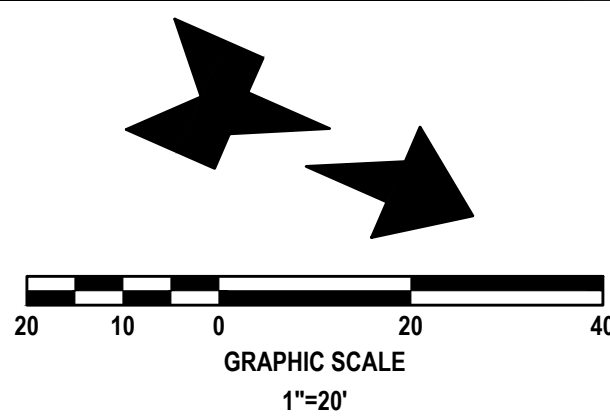


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DATE:	NOVEMBER 2023
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DRAWN BY:	GAB
CHECKED BY:	HHN
SCALE:	1"=20'

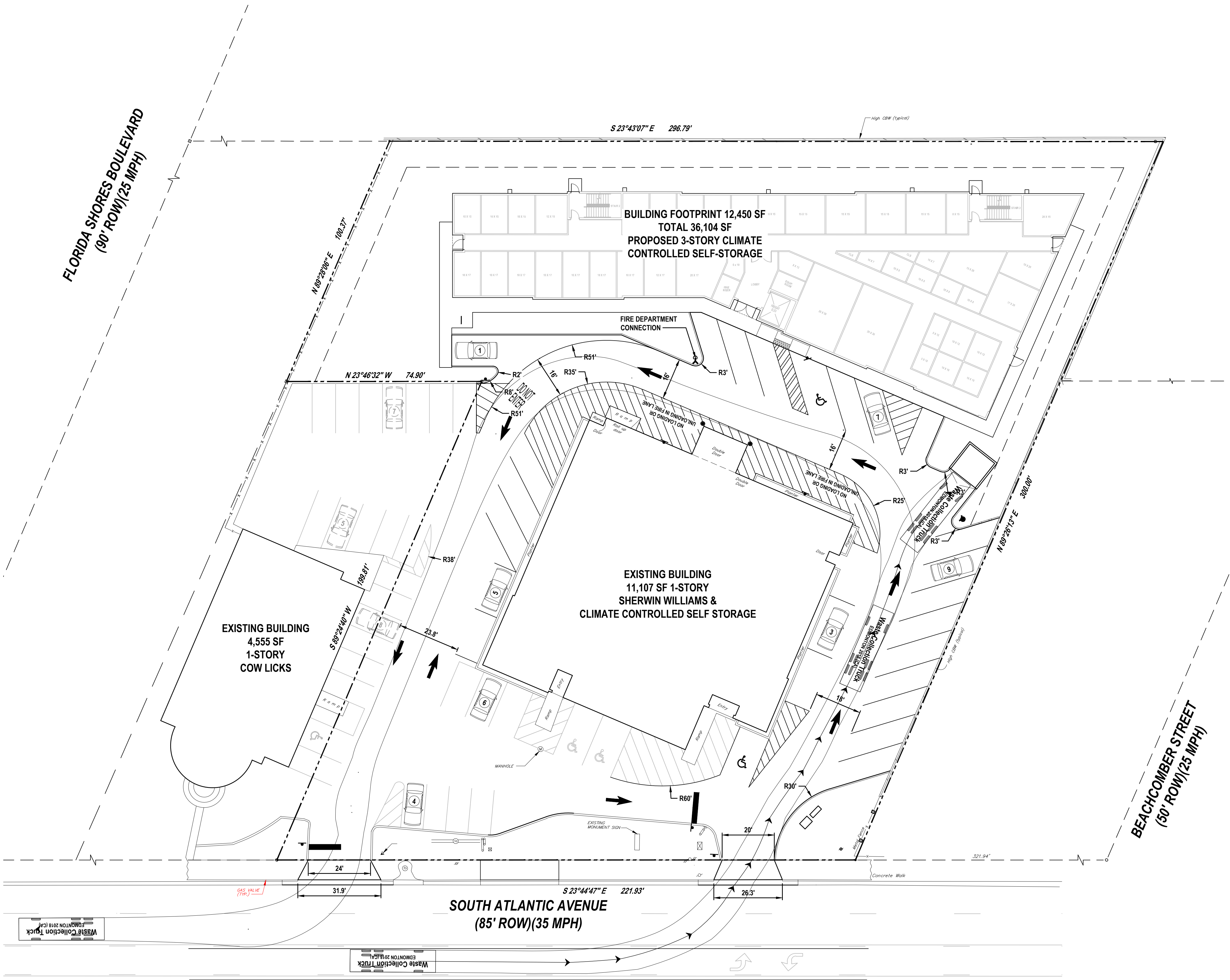
DRAWING NUMBER

15



Waste Collection Truck

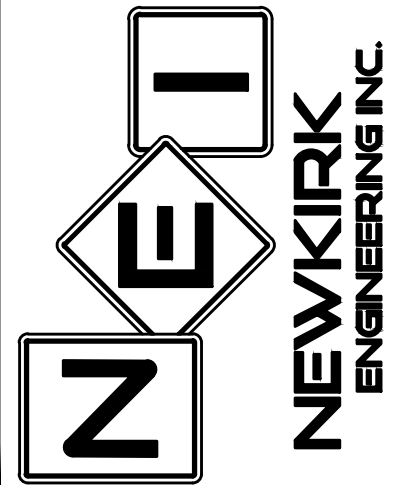
	feet
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Track	: 8.53
Lock to Lock Time	: 6.0
Steering Angle	: 27.7



REVISIONS

DATE	DESCRIPTION

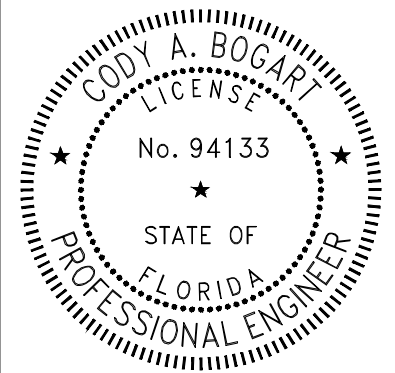
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AUTOTURN PLAN - TRASH
SHORES DEPOT
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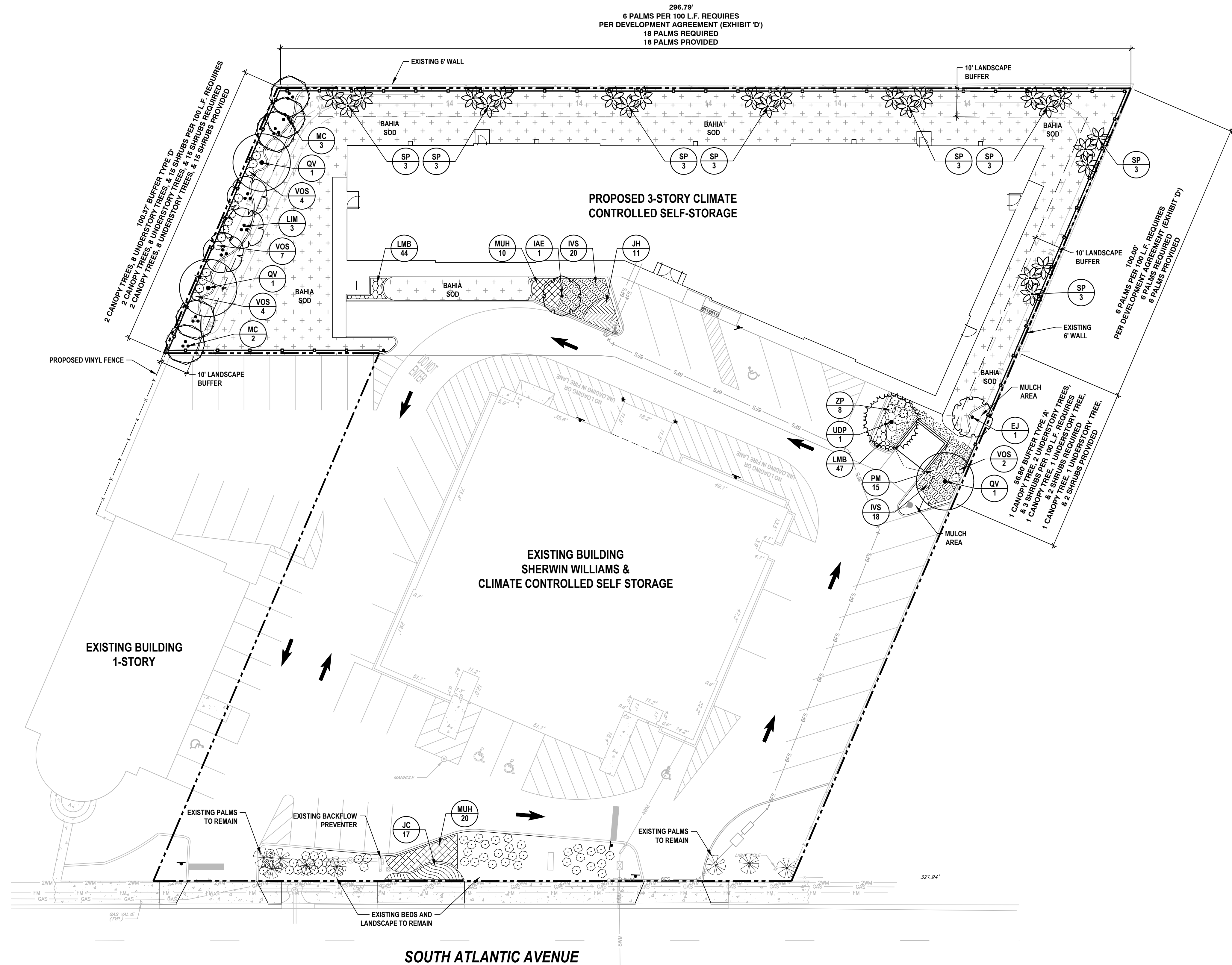
16

PLANT SPECIFICATION NOTES

1. PLANT DESCRIPTIONS ARE FOR MINIMUM ACCEPTABLE SPECIFICATIONS. ALL CRITERIA LISTED FOR CONTAINER SIZE, CALIPER, HEIGHT, SPREAD, ETC. MUST BE MET FOR PLANT MATERIAL ACCEPTANCE. FOR EXAMPLE, IF A THREE (3) GALLON SHRUB DOES NOT MEET THE HEIGHT OR SPREAD SPECIFICATION, IT WILL NOT BE ACCEPTED.
2. IF SPECIFIED PLANTS ARE UNAVAILABLE AT THE TIME OF CONSTRUCTION, CONTRACTOR MAY REPLACE SPECIFIED PLANTS WITH PLANTS APPROVED BY LANDSCAPE ARCHITECT AND CITY STAFF.

PLANT SCHEDULE

CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
PALM TREES					
SP	24	SABAL PALMETTO	CABBAGE PALMETTO	6', 8', 10' G.W.	STAGGERED HEIGHTS
SHADE TREES					
QV	3	QUERCUS VIRGINIANA	SOUTHERN LIVE OAK	1.5" CAL., 8' HT.	
UDP	1	ULMUS PARVIFOLIA 'DRAKE'	DRAKE CHINESE ELM	1.5" CAL., 8' HT.	
UNDERSTORY TREES					
EJ	1	ERIOBOTRYA JAPONICA	LOQUAT	1.5" CAL., 8' HT.	
IAE	1	ILEX X ATTENUATA 'EAGLESTON'	EAGLESTON HOLLY	1.5" CAL., 8' HT.	
LIM	3	LAGERSTROEMIA INDICA X FAURIEI 'MUSKOGEE'	MUSKOGEE Crape Myrtle	1.5" CAL., 8' HT.	M.T. LILAC
MC	5	MYRICA CERIFERA 'PUMILA'	DWARF WAX MYRTLE	1.5" CAL., 8' HT.	M.T.
SHRUBS					
PM	15	PODOCARPUS MACROPHYLLUS	YEW PINE	3 GAL., 24" HT. X 6" SPRD.	36" O.C.
VOS	17	VIBURNUM OBOVATUM 'SELECT'	WALTER'S VIBURNUM	3 GAL., 24" HT. X 15" SPRD.	36" O.C.
ZP	8	ZAMIA PUMILA	COONTIE CYCAD	3 GAL.	36" O.C.
GROUND COVERS					
IVS	38	ILEX VOMITORIA 'STOKES DWARF'	STOKES DWARF YAUPON HOLLY	3 GAL., 12" HT. X 12" SPR.	36" O.C.
JC	17	JUNIPERUS CONFERTA	SHORE JUNIPER	1 GAL.	30" O.C.
JH	11	JUNIPERUS HORIZONTALIS 'BLUE RUG'	BLUE RUG JUNIPER	3 GAL.	36" O.C.
LMB	91	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LILYTURF	1 GAL.	12" O.C.
MUH	30	MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	3 GAL.	36" O.C.



MINIMUM TREES REQUIRED	
SITE AREA	31,207
TREES REQUIRED (1/2500 S.F.)	12
TREES PROPOSED	22

VEHICULAR USE ARE LANDSCAPE REQUIREMENTS	
NUMBER OF PARKING SPACES	7
LANDSCAPE AREA REQUIRED (15 S.F. PER PARKING SPACE) x 7	105
LANDSCAPE AREA PROVIDED	611

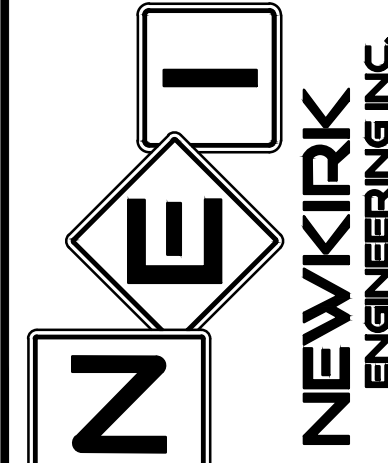
LEGEND

BAHIA SOD

REVISIONS

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2/19/24	CITY COMMENTS
8/12/24	P & ZB REVISIONS

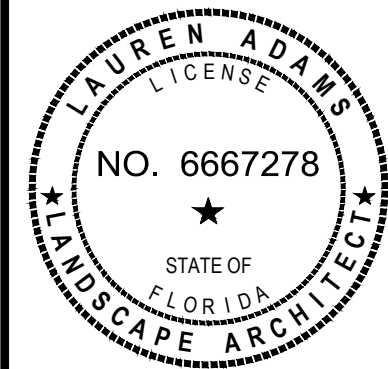
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LANDSCAPE PLAN
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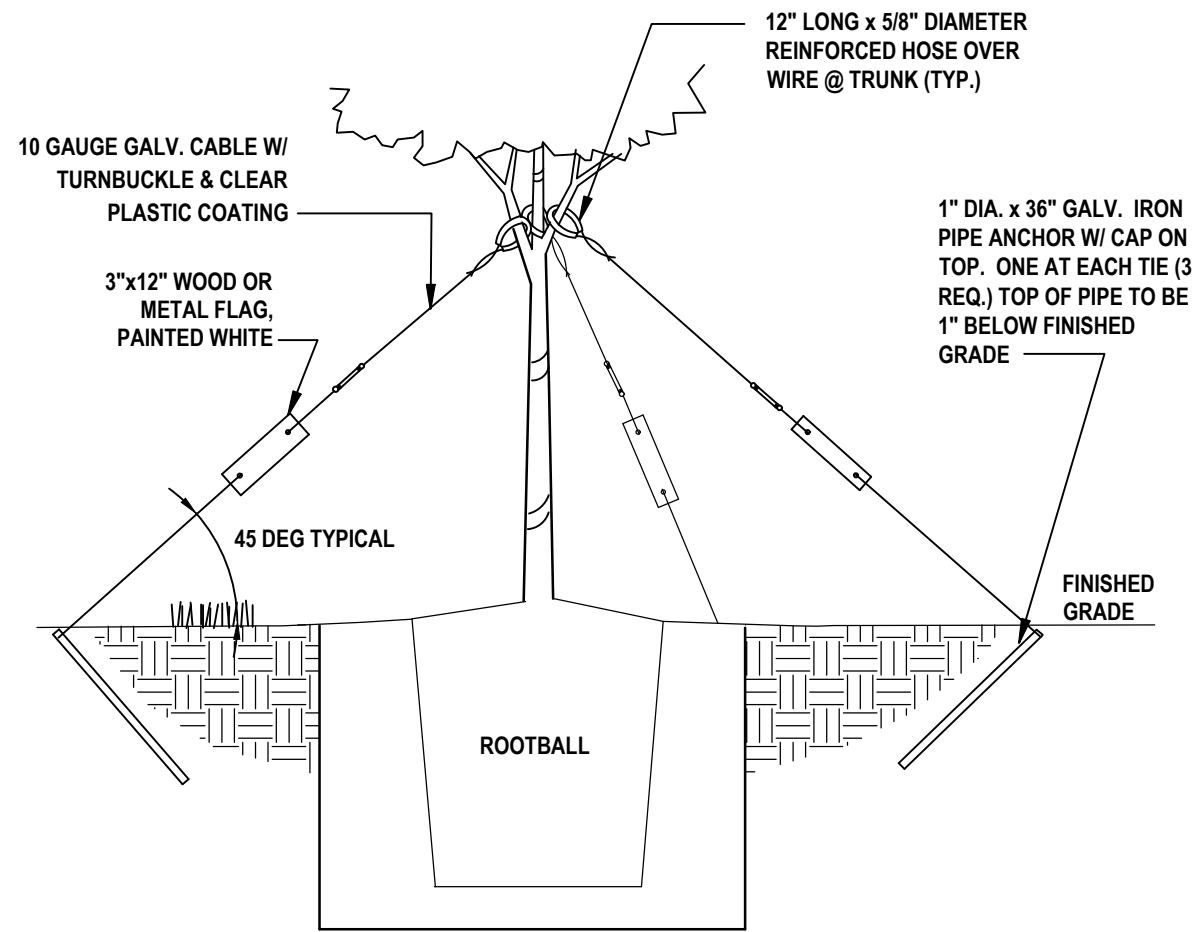
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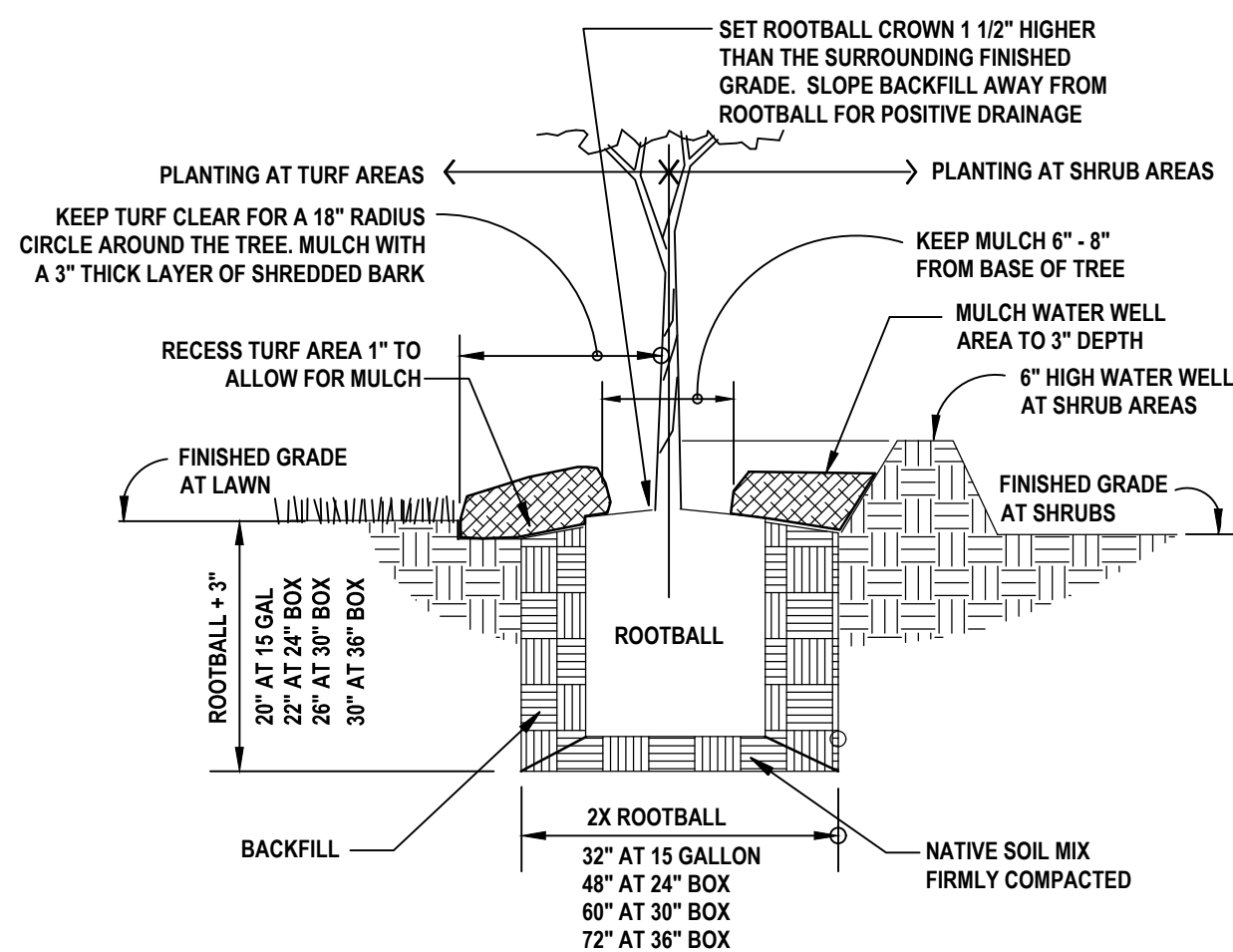
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DRAWN BY:	BVV
CHECKED BY:	LAA
SCALE:	1" = 20'
DRAWING NUMBER	L1

L1



STAKING DETAIL

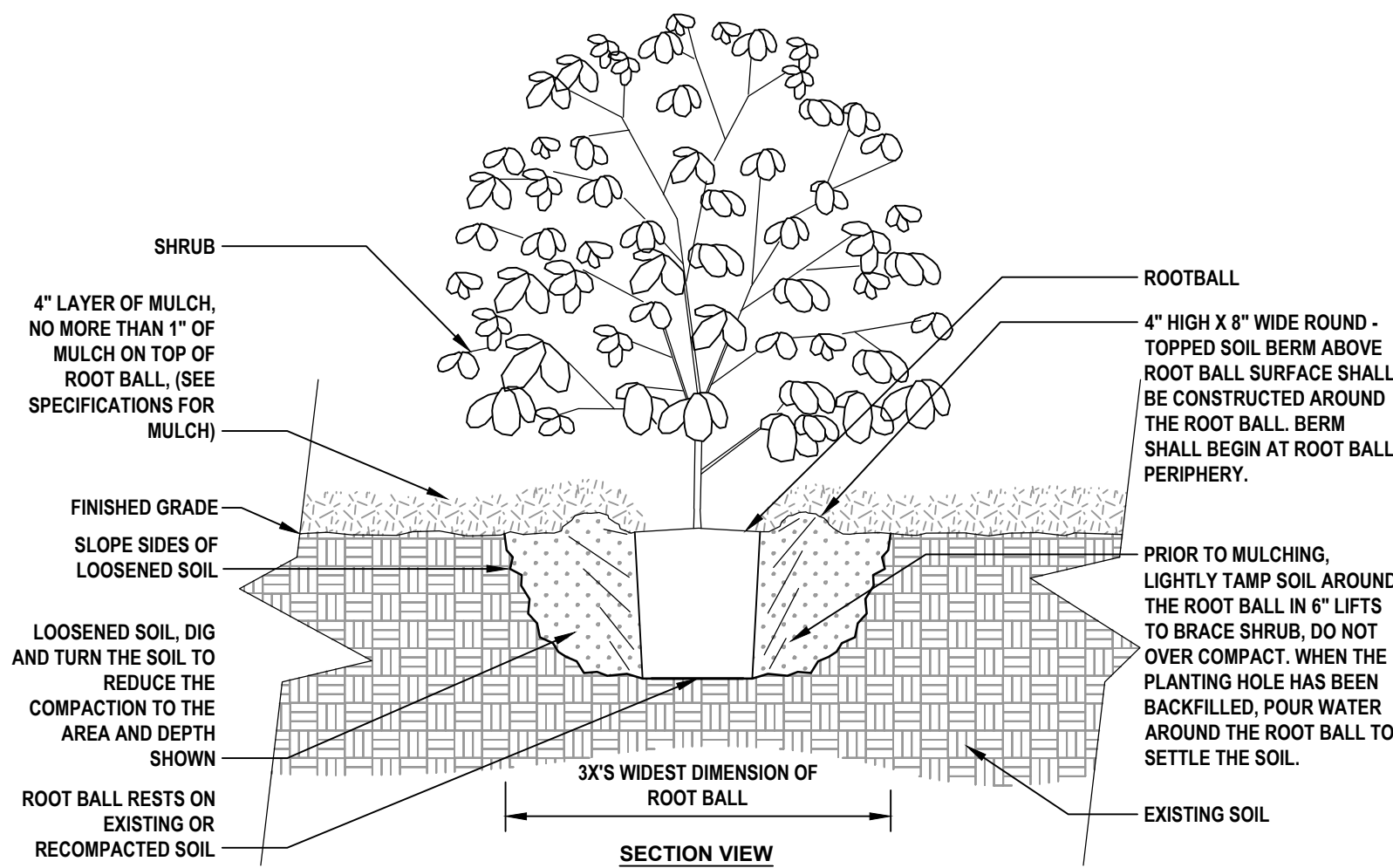


PLANT PIT DETAIL

1 TREE PLANTING DETAIL

1" = 1'-0"

P-CO-2022-159-01



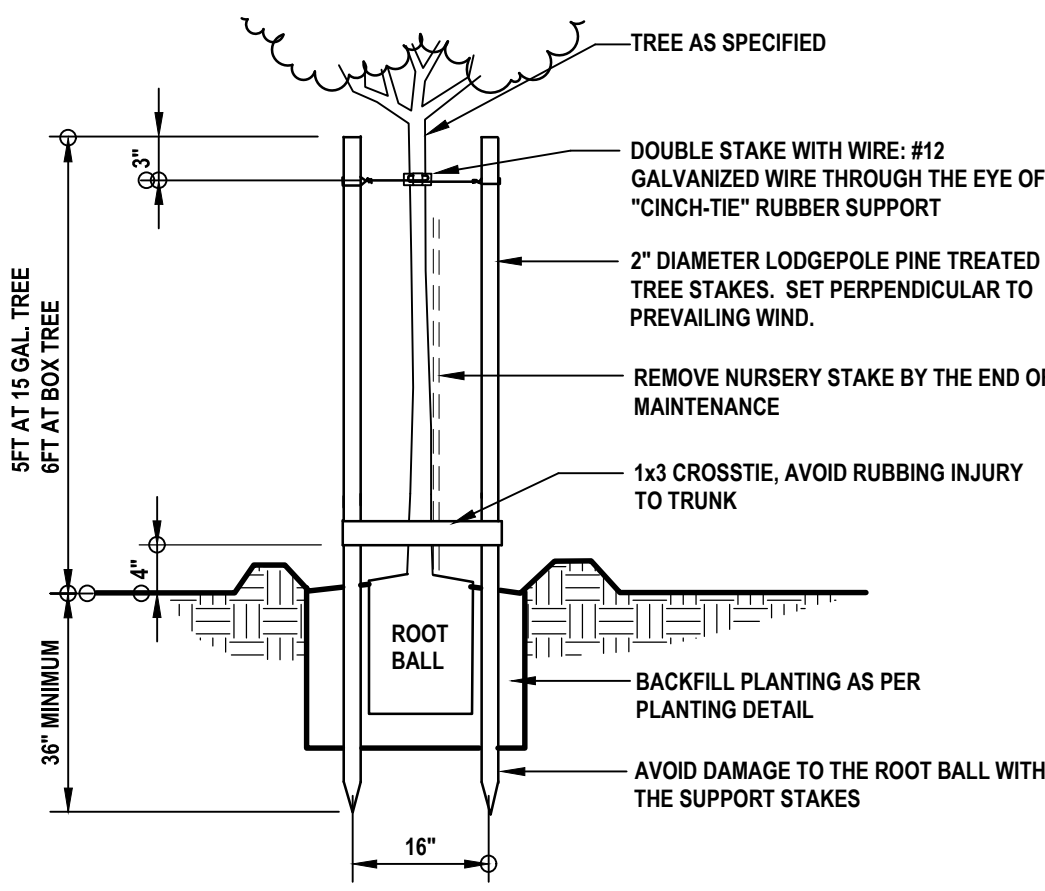
- NOTES:
- SHRUBS SHALL BE OF QUALITY PRESCRIBED IN THE ROOT OBSERVATIONS DETAIL AND SPECIFICATIONS.
 - SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS RELATED TO THIS DETAIL.

3 SHRUB PLANTING DETAIL

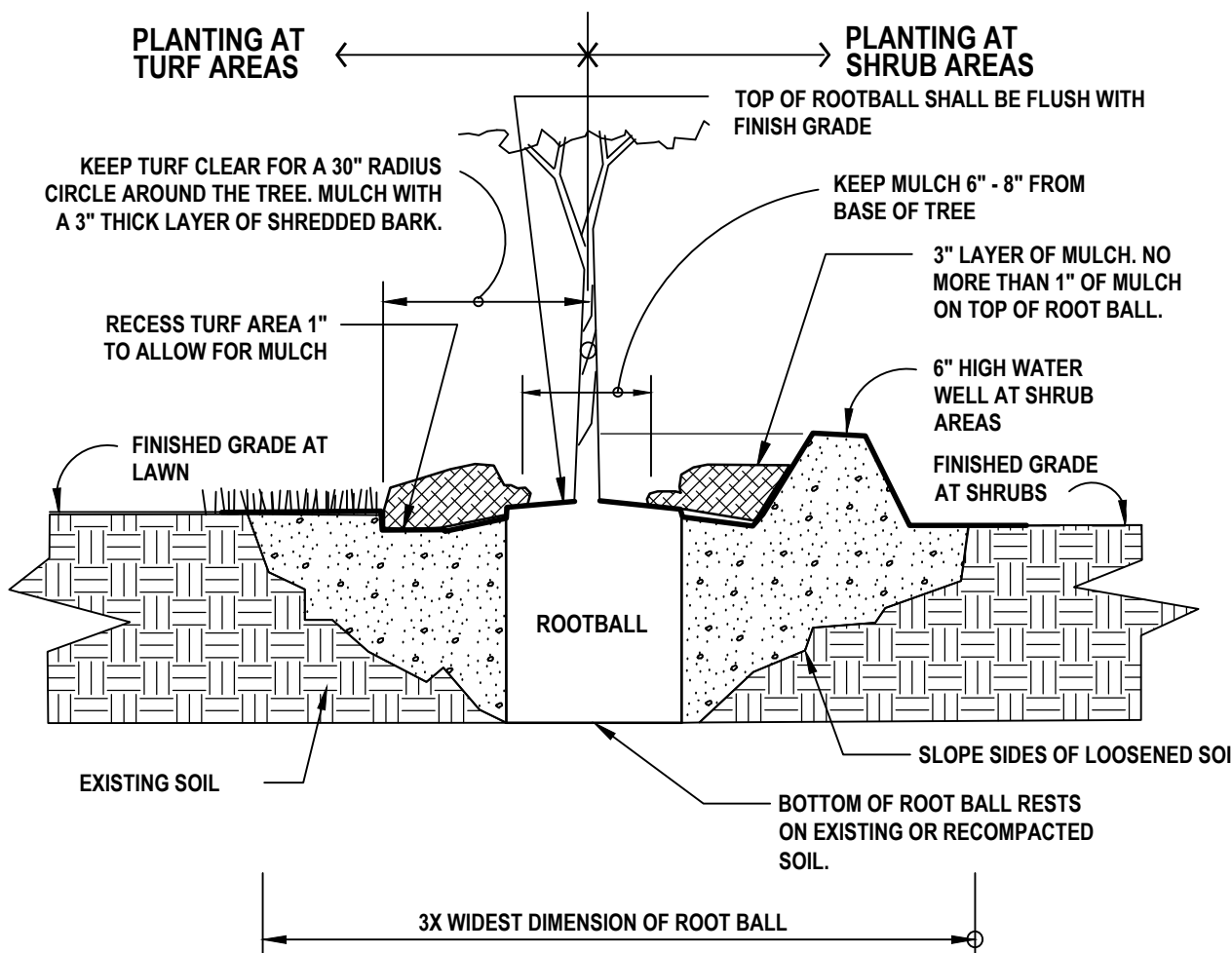
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STAKING DETAIL

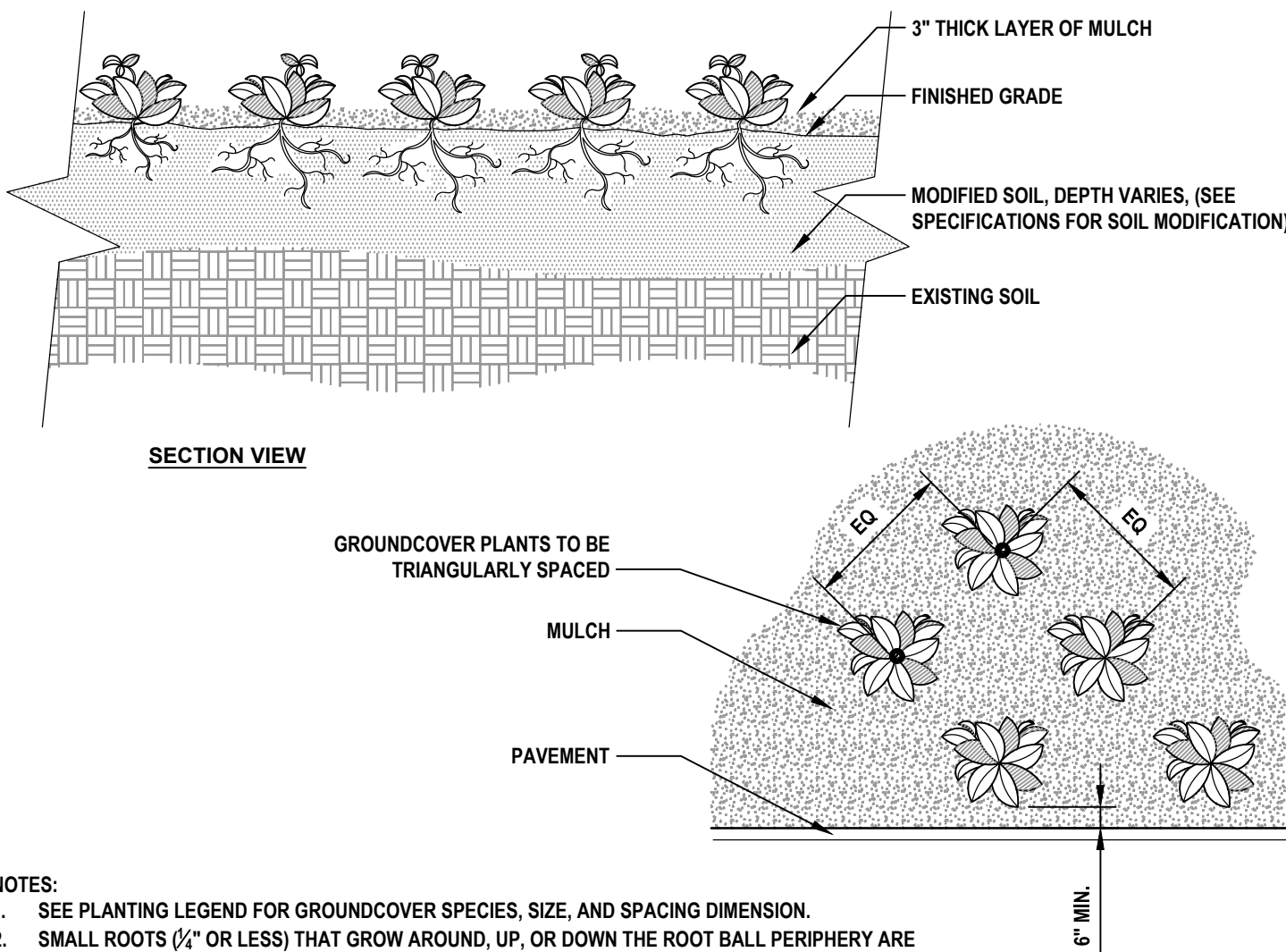


PLANT PIT DETAIL

2 SMALL TREE PLANTING DETAIL

1" = 1'-0"

P-CO-2022-159-03



- NOTES:
- SEE PLANTING LEGEND FOR GROUNDCOVER SPECIES, SIZE, AND SPACING DIMENSION.
 - SMALL ROOTS (1/2" OR LESS) THAT GROW AROUND, UP, OR DOWN THE ROOT BALL PERIPHERY ARE CONSIDERED A NORMAL CONDITION IN CONTAINER PRODUCTION AND ARE ACCEPTABLE HOWEVER THEY SHOULD BE ELIMINATED AT THE TIME OF PLANTING. ROOTS ON THE PERIPHERY CAN BE REMOVED AT THE TIME OF PLANTING. (SEE ROOT BALL SHAVING CONTAINER DETAIL).
 - SETTLE SOIL AROUND ROOT BALL OF EACH GROUNDCOVER PRIOR TO MULCHING.

4 GROUNDCOVER LAYOUT

1/16" = 1'-0"

P-CO-2022-159-02

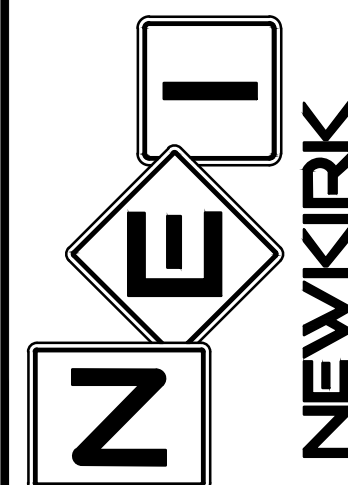
LANDSCAPE NOTES

- ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS FOR FLORIDA #1 OR BETTER AS DESCRIBED IN THE CURRENT "GRADES AND STANDARDS FOR NURSERY PLANTS", STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE, TALLAHASSEE, OR THEIR EQUAL AS DETERMINED BY THE LANDSCAPE ARCHITECT. PLANT MATERIAL SHALL BE CLEARLY IDENTIFIED AS FLORIDA #1 OR BETTER ON EITHER LABELS OR INVOICES.
- ALL PLANT SPECIFICATIONS MUST BE MET OR EXCEEDED. SIZES IN PLANT SCHEDULE ARE MINIMUMS AND EACH MUST BE MET. CONTAINERS MAY NEED TO BE UP SIZED TO MEET ALL SPECIFICATIONS.
- ALL MULCH SHALL BE PINE BARK AND INSTALLED 3" DEEP. TREES IN SOD TO BE IN A 5' MINIMUM-MULCHED RING. ALL PALMS TO BE IN A 3' MULCH RING. MULCH TO BE INSTALLED 6" FROM TRUNK AND 2" FROM PLANTS.
- SOD SHALL BE BAHIA SOD AND SHALL BE 85% WEED-FREE. ALL SOD SHALL BE INSTALLED WITH TIGHT JOINTS, ROLLED AND FERTILIZED.
- ALL DIMENSIONS SHALL BE FIELD-CHECKED BY THE LANDSCAPE CONTRACTOR PRIOR TO CONSTRUCTION, WITH ANY DISCREPANCIES REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT.
- THE PLANT MATERIALS SCHEDULE IS PROVIDED FOR THE CONVENIENCE OF THE LANDSCAPE CONTRACTOR; SHOULD THERE BE ANY DISCREPANCY BETWEEN THE PLAN AND THE PLANT LIST, THE PLAN WILL PREVAIL.
- ALL MATERIALS MUST BE AS SPECIFIED ON THE LANDSCAPE PLAN. IF MATERIALS OR LABOR DO NOT ADHERE TO THE SPECIFICATIONS, THEY WILL BE REJECTED AT NO ADDITIONAL COST TO THE OWNER.
- NO SUBSTITUTIONS OR CHANGES OF ANY KIND WILL BE ALLOWED AT THE TIME OF BIDDING SO AS TO PROVIDE FOR FAIR COMPARISON.
- THE CONTRACTOR SHALL VERIFY EXISTENCE AND LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND CONDITIONS PRIOR TO HIS COMMENCEMENT OF THE ANY WORK.
- ALL BUILDING MATERIALS AND LABOR SHALL CONFORM TO THE FLORIDA BUILDING CODE AND ALSO TO ALL LOCAL CODES THAT HAVE JURISDICTION.
- ALL PERMIT AND VARIANCE APPLICATIONS SHALL BE MADE BY THE CONTRACTOR.
- EQUIPMENT SHALL BE OPERATED IN A MANNER AS NOT TO INJURE OR DESTROY ANY TREES SHOWN TO REMAIN. CONTRACTOR SHALL NOT CAUSE OR ALLOW THE CLEANING OF EQUIPMENT OR MATERIAL WITHIN THE DRIP LINE OF ANY TREE OR GROUPS OF TREES TO BE RETAINED OR THOSE PROPOSED. NOR SHALL THE CONTRACTOR ALLOW THE DISPOSAL OF WASTE MATERIAL, SUCH AS PAINT, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR OR ANY OTHER MATERIAL HARMFUL TO THE LIFE OF A TREE WITHIN THE DRIP LINE OF ANY TREE OR GROUP OF TREES. NO ATTACHMENT, WIRES (OTHER THAN PROTECTIVE GUY WIRES), SIGNS, OR PERMITS MAY BE FASTENED TO A TREE.
- ANY EXISTING TREES CREDITED TOWARDS REQUIRED BUFFERS OR LANDSCAPE REQUIREMENTS REMOVED FOR ANY REASON SHALL BE REPLACED WITH TREES MEETING CITY APPROVAL WITH REGARDS TO SPECIES AND SIZE.
- ALL QUESTIONS CONCERNING THE PLAN AND/OR SPECIFICATIONS SHALL BE DIRECTED TO THE LANDSCAPE ARCHITECT (386) 872-7794.
- ALL TREES AND PALMS MUST BE STAKED USING THE DETAILS PROVIDED OR ARBORGUY STAKING SYSTEMS. ANY STAKING SYSTEM NOT INCLUDED MUST BE APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT.
- ALL UNIMPROVED AREA NOT OTHERWISE PLANTED OR MULCHED SHALL BE SODDED WITH BAHIA UNLESS OTHERWISE NOTED ON THE LANDSCAPE PLAN.
- THE CONTRACTOR SHALL GUARANTEE ALL INSTALLED PLANT MATERIAL FOR A PERIOD OF ONE (1) YEAR AFTER ACCEPTANCE IN WRITING BY OWNER OR OWNER'S REPRESENTATIVE. ALL PLANT MATERIAL SHALL BE WATERED REGULARLY AS NEEDED UNTIL ESTABLISHED. FOR TREES, UP TO ONE YEAR AND FOR SHRUBS/GROUNDCOVER, GENERALLY 2 -3 MONTHS.
- REMOVAL OF ALL CONSTRUCTION DEBRIS, LIMEROCK, EXCESS OF BUILDERS SAND, CONCRETE AND MORTAR DEBRIS, EXISTING WEEDS AND GRASS, AND ALL FOREIGN MATERIALS IN THE PLANTING BED AND SOD AREAS SHALL BE REMOVED.
- ALL NOXIOUS OR EXOTIC VEGETATION THAT DETRACTS FROM THE APPEARANCE OF THE EXISTING OR PLANTED VEGETATION WITHIN THE TREE PROTECTION AREA OR BUFFERS SHALL BE REMOVED. THE EDGE OF THE AREAS TO REMAIN NATURAL SHALL BE MULCHED 5' IN AND A CURVILINEAR BED LINE SHALL BE CREATED ADJACENT TO SODDED AREAS.

REVISIONS

DATE	DESCRIPTION
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2/19/24	CITY COMMENTS
8/12/24	P & ZB REVISIONS

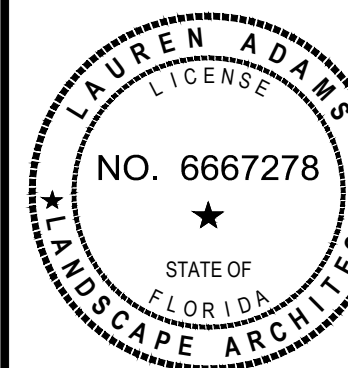
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LANDSCAPE DETAILS
AND NOTES
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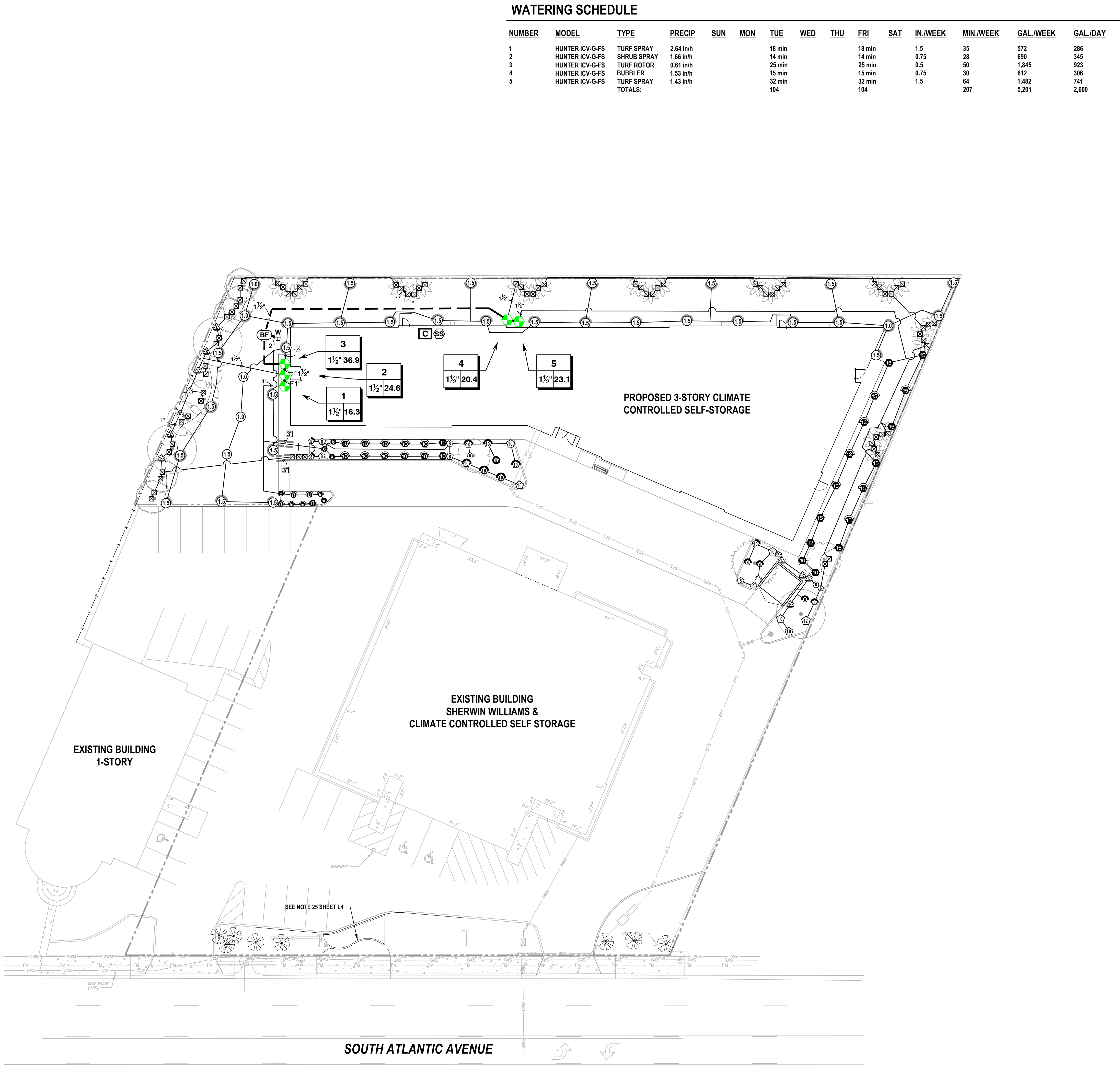


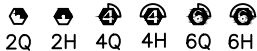
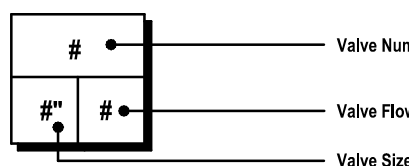
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DATE: SEPTEMBER 2023
DESIGN BY: LAA
DRAWN BY: BWV
CHECKED BY: LAA
SCALE: AS SHOWN

DRAWING NUMBER

L2



IRRIGATION SCHEDULE			
SYMBOL	MANUFACTURER/MODEL	QTY	PSI
	HUNTER PROS-06-PRS30-CV-F SHORT RADIUS NOZZLES	3	30
	HUNTER PROS-06-PRS30-CV-F 8' RADIUS	4	30
	HUNTER PROS-06-PRS30-CV-F 10' RADIUS	10	30
	HUNTER PROS-06-PRS30-CV-F 12' RADIUS	2	30
	HUNTER PROS-06-PRS30-CV-F 15' RADIUS	5	30
	HUNTER PROS-06-PRS30-CV-F ADJUSTABLE ARC	16	30
	HUNTER PROS-12-PRS30-CV-F 5' STRIP SPRAY	13	30
	HUNTER PROS-12-PRS30-CV-F 8' RADIUS	7	30
	HUNTER PROS-12-PRS30-CV-F 10' RADIUS	7	30
	HUNTER PROS-12-PRS30-CV-F ADJUSTABLE ARC	15	30
	HUNTER PCB 10	73	30
SYMBOL	MANUFACTURER/MODEL	QTY	PSI
	HUNTER I-20-06-PRB-SR 1.0	5	30
	HUNTER I-20-06-PRB-SR 1.5	30	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	HUNTER ICV-G-FS 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, FOR COMMERCIAL/MUNICIPAL USE. WITH FILTER SENTRY.	5	
	ZURN 350XL 1-1/2" DOUBLE CHECK VALVE ASSEMBLY W/ EZSWAP INSERT.	1	
	HUNTER 12C-0880-PL (2) 8 STATION OUTDOOR MODULAR CONTROLLER. NO MODULE REQUIRED. COMMERCIAL USE. PLASTIC CABINET.	1	
	HUNTER SOLAR-SYNC SOLAR, RAIN FREEZE SENSOR WITH OUTDOOR INTERFACE, CONNECTS TO HUNTER PCC, PRO-C, AND I-CORE CONTROLLERS, INSTALL AS NOTED. INCLUDES 10 YEAR LITHIUM BATTERY AND RUBBER MODULE COVER, AND GUTTER MOUNT BRACKET. WIRED.	1	
	POINT OF CONNECTION 4" WELL WITH SUBMERSIBLE PUMP, SEE WELL NOTES SHEET L4	1	
IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26		2,261 L.F.	
IRRIGATION MAINLINE: PVC CLASS 200 SDR 21		147.8 L.F.	
PIPE SLEEVE: PVC SCHEDULE 40		11.4 L.F.	
			

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2616 SOUTH ATLANTIC AVENUE
DAYTONA BEACH SHORES, FL 32118

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LAUREN ADAMS, RLA # 6667278 ON

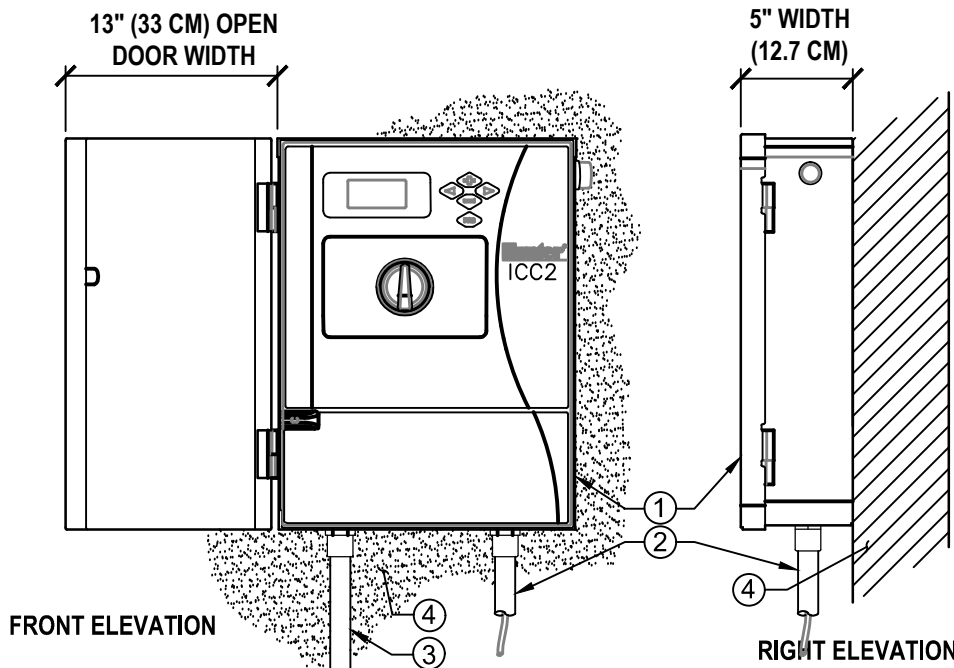
LAUREN ADAMS
LICENSE
NO. 6667278
STATE OF FLORIDA
LANDSCAPE ARCHITECT

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PROJECT No: 2022-159
DATE: SEPTEMBER 2023
DESIGN BY: LAA
DRAWN BY: BWV
CHECKED BY: LAA
SCALE: 1" = 20'

DRAWING NUMBER

L3



NOTE:
MOUNT CONTROLLER LCD SCREEN AT EYE
LEVEL, CONTROLLER SHALL BE
HARD-WIRED TO GROUNDED 110 VAC
POWER SOURCE

LEGEND:

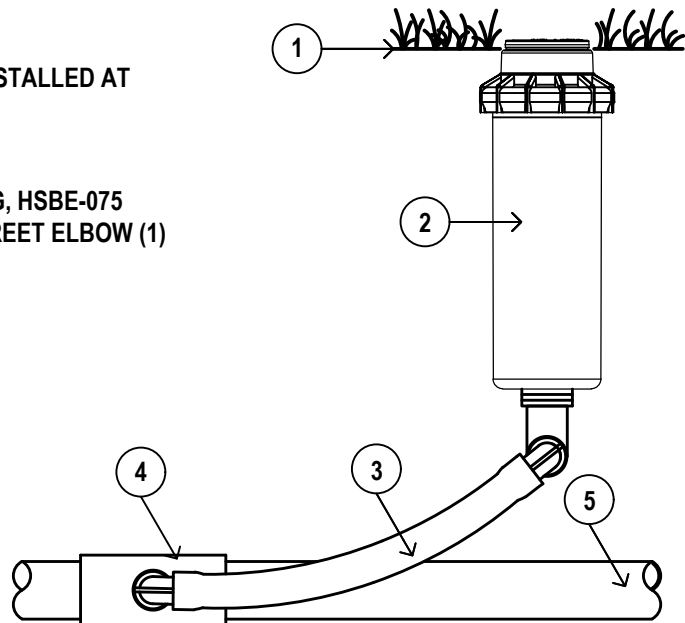
- 1 IRRIGATION CONTROLLER (12C-800-M) PER PLAN
- 2 IRRIGATION CONTROL WIRE IN CONDUIT SIZE
AND TYPE PER LOCAL CODES
- 3 ELECTRICAL SUPPLY CONDUIT CONNECT TO
POWER SOURCE, J-BOX INSIDE CONTROLLER
- 4 ADJACENT SURFACE TO MOUNT CONTROLLER
PER PLAN

1 HUNTER ICC2 CONTROLLER

1/8" = 1'-0"

P-CO-2022-159-21

- 1 FINISH GRADE
- 2 SPRAY OR ROTOR HEAD INSTALLED AT
FINISH GRADE
- 3 SWING JOINT:
HUNTER 'PRO-FLEX' TUBING, HSBE-075
ELBOWS (2), & MARLEX STREET ELBOW (1)
- 4 LATERAL TEE OR ELL
- 5 LATERAL PIPE

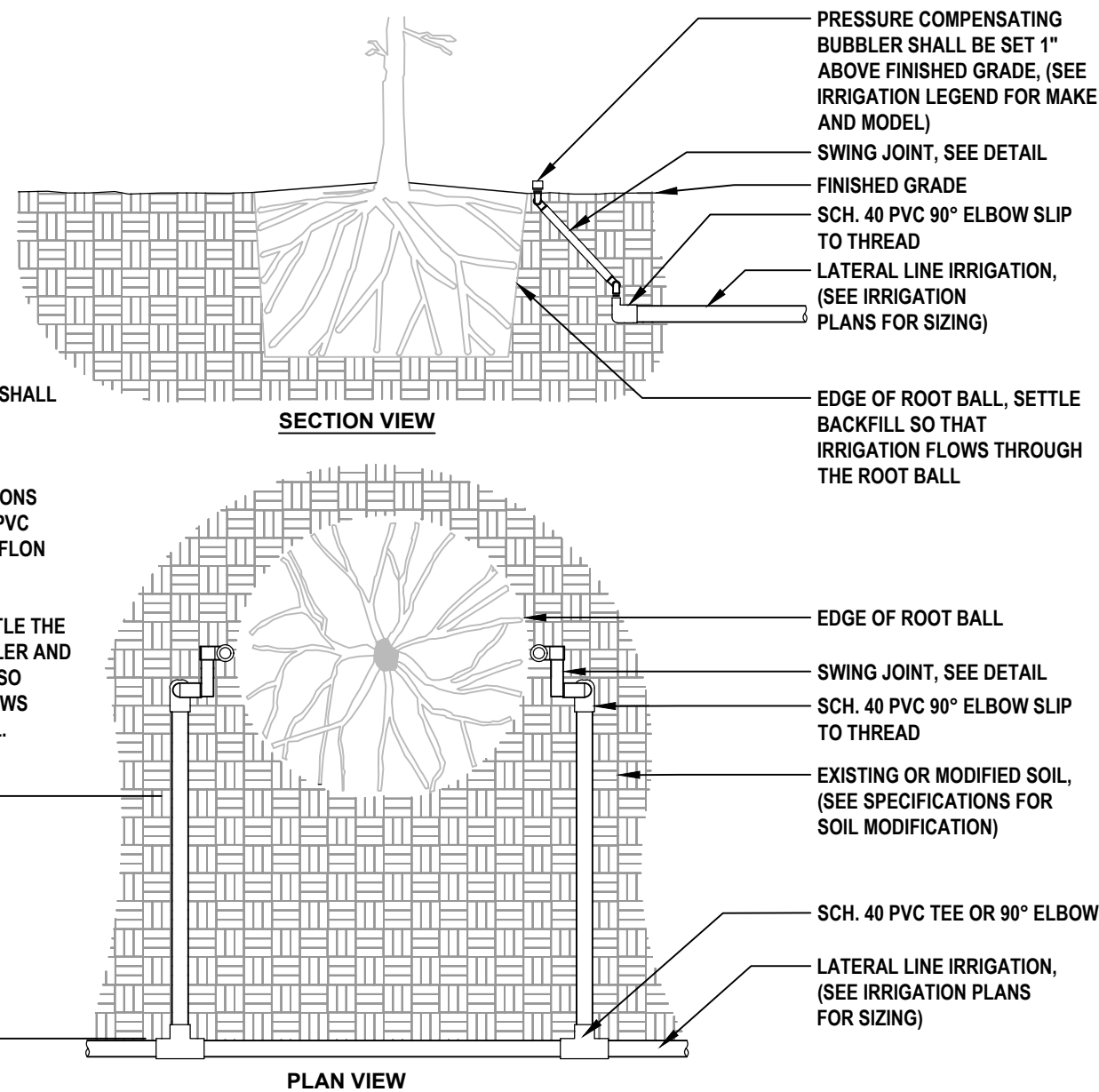


3 SPRAY HEAD AND ROTOR DETAIL

1/4" = 1'-0"

P-CO-2022-159-17

- NOTES:
1. ALL IRRIGATION FITTINGS SHALL
BE SCH. 40 PVC UNLESS
SPECIFIED OTHERWISE.
 2. ALL THREADED CONNECTIONS
FROM SCH. 40 TO SCH. 80 PVC
SHALL BE MADE USING TEFLON
TAPE.
 3. CONTRACTOR SHALL SETTLE THE
AREA AROUND THE BUBBLER AND
EDGE OF THE ROOT BALL SO
THAT ALL IRRIGATION FLOWS
THROUGH THE ROOT BALL.

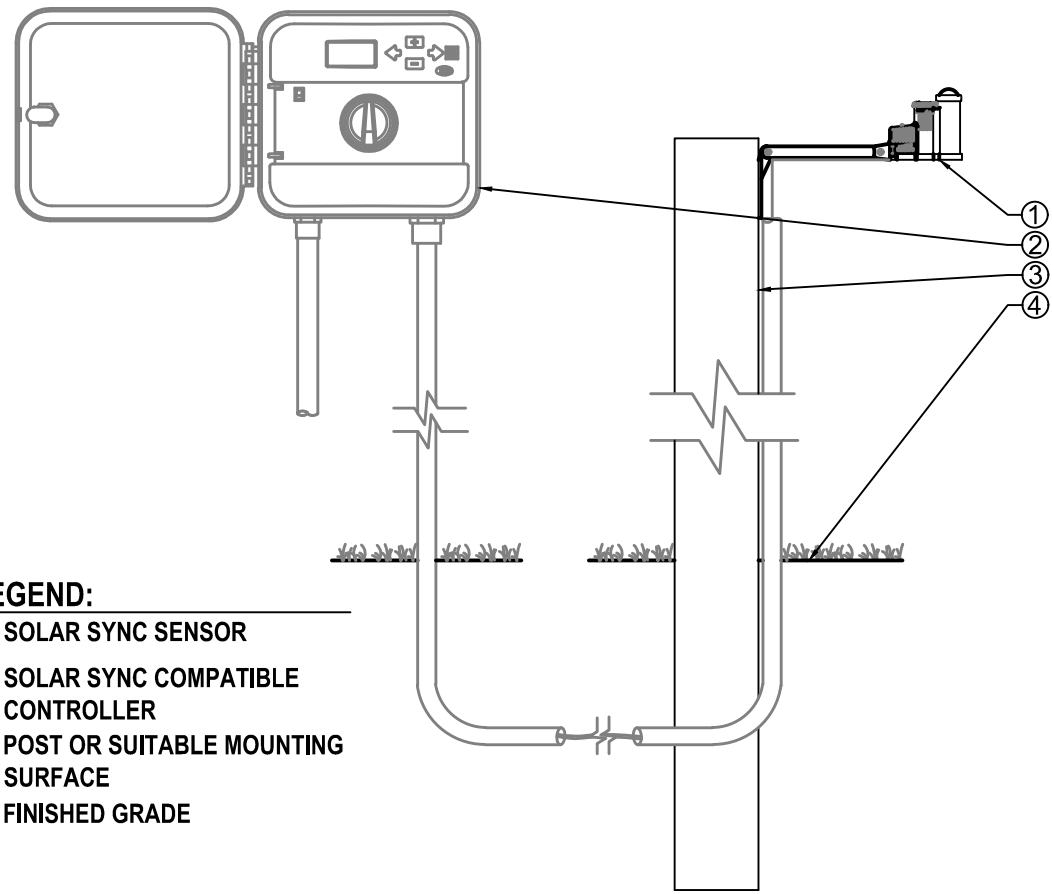


5 IRRIGATION BUBBLER (2) W/ LAYOUT

3/4" = 1'-0"

URBAN TREE FOUNDATION © 2014
OPEN SOURCE FREE TO USE

P-CO-2022-159-05



LEGEND:

- 1 SOLAR SYNC SENSOR
- 2 SOLAR SYNC COMPATIBLE
CONTROLLER
- 3 POST OR SUITABLE MOUNTING
SURFACE
- 4 FINISHED GRADE

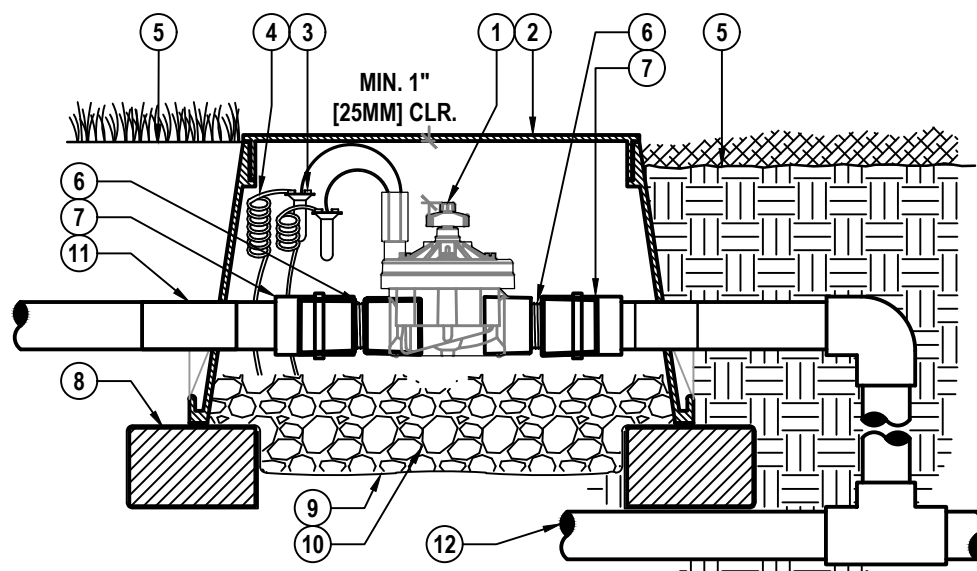
2 HUNTER SOLAR SYNC SENSOR

1/8" = 1'-0"

P-CO-2022-159-22

LEGEND

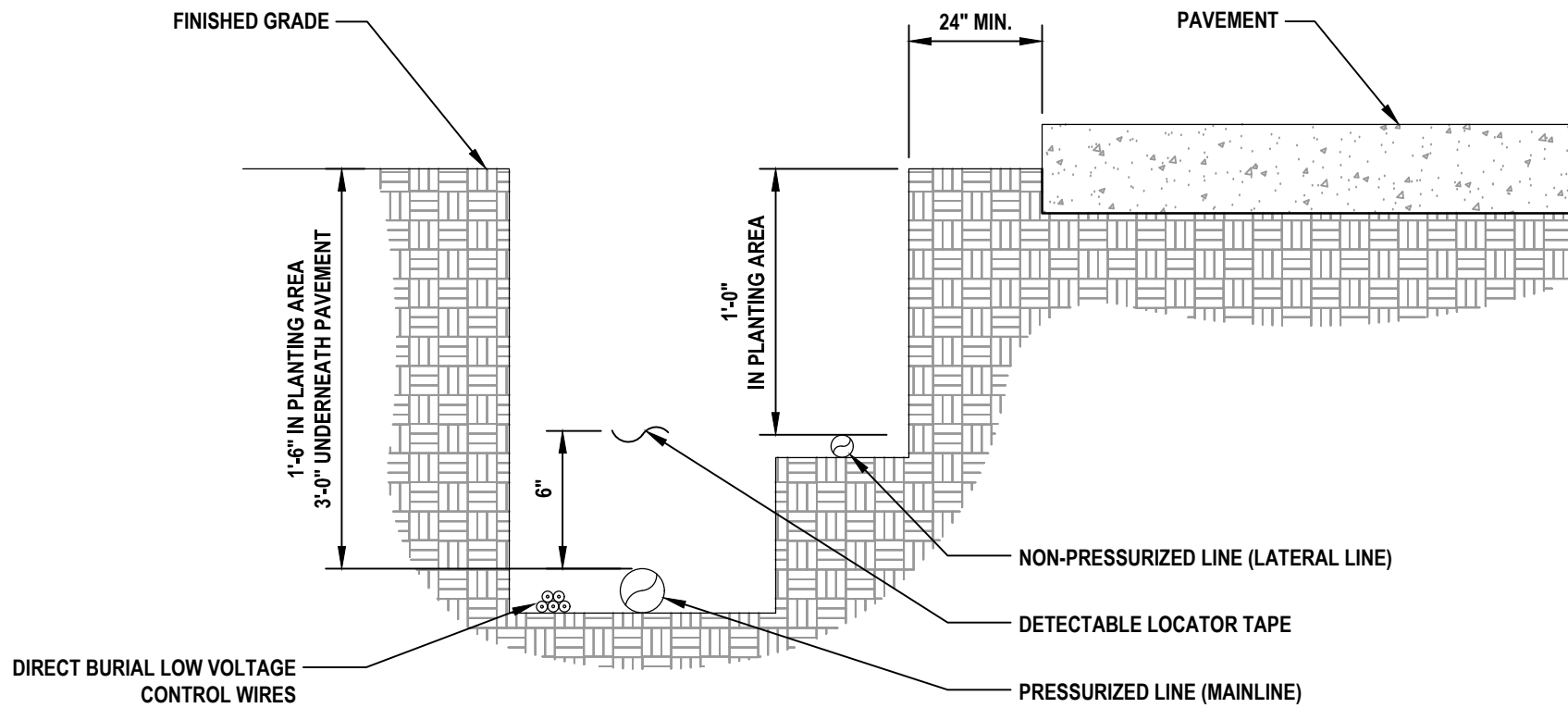
- 1 HUNTER REMOTE CONTROL VALVE (ICV)
WITH FLOW CONTROL
- 2 IRRIGATION VALVE BOX: HEAT STAMP LID
WITH 'RCV' IN 2" LETTERS
- 3 WATERPROOF CONNECTORS (2)
- 4 18"-24" COILED WIRE TO CONTROLLER
- 5 FINISH GRADE AT ADJACENT SURFACE
(TURF OR MULCH)
- 6 SCH. 80 CLOSE NIPPLE, SIZE PER RCV
- 7 PVC SLIP X FPT ADAPTOR
- 8 BRICK SUPPORTS (4)
- 9 FILTER FABRIC - WRAP TWICE AROUND
BRICK SUPPORTS
- 10 3/4" WASHED GRAVEL - 4" MIN. DEPTH
- 11 IRRIGATION LATERAL
- 12 MAINLINE AND FITTINGS



4 HUNTER REMOTE CONTROL VALVE (ICV)

1 1/2" = 1'-0"

P-CO-2022-159-20



NOTES:

1. SEE IRRIGATION LEGEND FOR MAINLINE AND LATERAL LINE PIPE SIZE AND TYPE.
2. DIRECT BURIAL CONTROL WIRES SHALL BE INSTALLED IN SCH. 40 PVC ELECTRICAL CONDUIT IF REQUIRED.
3. 2-WIRE IRRIGATION WIRE SHALL BE INSTALLED IN SCH. 40 PVC ELECTRICAL CONDUIT.
4. DETECTABLE LOCATOR TAPE SHALL BE LOCATED SIX INCHES (6") ABOVE THE ENTIRE MAINLINE RUN.

6 IRRIGATION TRENCHING

1 1/2" = 1'-0"

URBAN TREE FOUNDATION © 2014
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P-CO-2022-159-15

IRRIGATION NOTES

1. THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL EXISTING UTILITIES AND CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. CHECK PRESSURE AND GPM OF WATER SUPPLY BEFORE BEGINNING JOB AND REPORT FINDING TO LANDSCAPE ARCHITECT. LANDSCAPE ARCHITECT WILL MAKE ANY ADJUSTMENT NECESSARY TO MAKE SYSTEM WORK AT ITS BEST.
3. THE PLAN IS SCHEMATIC ONLY. THE CONTRACTOR SHALL INSTALL PIPING IN A MINIMUM NUMBER OF TRENCHES AND SHALL INSTALL PIPE IN A MINIMUM LENGTH.
4. IRRIGATION LINES ARE SHOWN DIAGRAMMATICALLY AND ARE INTENDED TO SHOW DISTRIBUTION ZONES ONLY. LINES LOCATED UNDER PAVEMENT SHALL BE KEPT TO A MINIMUM AND ALL PIPING UNDER PAVED AREAS SHALL BE SLEEVED.
5. WHEN INSTALLING IRRIGATION PIPING IN ISLAND AND OTHER NARROW PLANTING AREAS RUN PIPING CLOSE TO CURB AND NOT DOWN THE MIDDLE OF THE PLANTING AREA. (BEFORE DOING IRRIGATION GET A COPY OF THE LANDSCAPE PLAN AND KEEP IRRIGATION LINES OUT OF PLANTING AREAS WHERE POSSIBLE.)
6. QUANTITIES FOR IRRIGATION MATERIALS MAY BE ESTIMATES. CONTRACTOR SHALL DO THEIR OWN TAKEOFF.
7. INSTALL SLEEVE PIPING WHERE SHOWN ON THE DRAWINGS AT THE PROPER DEPTH. ALL SLEEVE PIPE SHALL BE SCHEDULE 40 PVC PIPE INSTALLED A MINIMUM OF 20" BELOW FINISHED PAVING GRADES. ALL SLEEVES WHEN PLACED IN FIELD ARE TO BE LOCATED BY A METAL PIPE AT EACH END AND LOCATED FROM TWO STATIONARY POINTS BY TAPE MEASUREMENTS.
8. ALL LATERAL PIPE SHALL BE INSTALLED A MINIMUM OF 12" BELOW GRADE.
9. ALL TRENCHING SHALL BE KEPT OUT OF THE DRIP LINE AREA OF ALL EXISTING TREES. USE RADIAL LINES OR TUNNELING WHEN NECESSARY TO ENCR OACH INTO THE DRIP LINE AREA OF TREES.
10. LOCATE ALL VALVES AND OTHER IRRIGATION EQUIPMENT IN PLANT BED AREAS WITHIN THE PROJECT LIMITS FOR CONCEALMENT PURPOSES.
11. RISERS ARE TO BE HIDDEN COMPLETELY IN SHRUBBERY OR PAINTED BLACK AND IN NO CASE BE HIGHER THAN THE SHRUBBERY INSTALLED.
12. ALL VALVES SHALL BE INSTALLED IN VALVE BOXES. PROVIDE A 6" GRAVEL SUMP AT THE BOTTOM OF ALL VALVE BOXES AND INSTALL 1/2" TO 1" DIAMETER GRAVEL AT THE BOTTOM OF THE VALVE PIT.
13. IRRIGATION SHALL MEET ALL APPLICABLE CURRENT MUNICIPAL, COUNTY, STATE OR FEDERAL CODES, ORDINANCES AND REGULATIONS THAT HAVE JURISDICTION.
14. THERE SHALL BE A MINIMUM OF FOUR (4) INCHES OFFSET BETWEEN THE IRRIGATION EQUIPMENT AND PAVEMENT.
15. THERE SHALL BE A MINIMUM OF TWELVE (12) INCHES BETWEEN THE IRRIGATION EQUIPMENT AND STRUCTURES.
16. THERE SHALL BE NO DIRECT SPRAY ON WALKWAYS, BUILDINGS, DRIVES OR ROADWAYS.
17. ALL TURF IRRIGATION HEADS SHALL PROVIDE 100% HEAD TO HEAD COVERAGE.
18. ALL FITTINGS SHALL BE SCHEDULE 40 PVC.
19. ALL SPRAY HEADS ARE TO BE A MINIMUM OF 6" POP-UP AND ALL HEADS IN PLANTING AREAS TO BE 12" POP-UP OR RISERS. RISERS SHALL BE PAINTED HUNTER GREEN.
20. ALL DRIP ZONES SHALL INCLUDE AN AIR RELIEF VALVE INSTALLED IN A VALVE BOX AT OPTIMAL HIGHEST POINT FROM THE CONTROL ZONE KIT. MULTIPLE AIR RELIEF VALVES MAY BE NEEDED TO ACCOMMODATE DIFFERENCES IN GRADE. ECO-INDICATOR TO BE INSTALLED AT OPTIMAL FURTHEST POINT FROM CONTROL ZONE KIT IN CLEAR VIEW WHEN POPPED UP. FLUSH POINT TO BE INSTALLED AT OPTIMAL FURTHEST POINT FROM CONTROL ZONE KIT TO ALLOW FOR MAXIMUM DEBRIS FLUSH IN SYSTEM.
21. ALL DRIP ROWS SHALL BE SPACED A MINIMUM OF 12" APART AND A MAXIMUM OF 18" APART.
22. ELECTRICAL TO CONTROLLER SHALL BE SUPPLIED BY ELECTRICAL CONTRACTOR (NOT IRRIGATION CONTRACTOR).
23. TREE PROTECTION AREA. HAND TRENCH ALL PIPING IN THESE AREAS TO AVOID IMPACTING THE CRITICAL PROTECTION ZONE OF THE EXISTING TREES TO REMAIN (TYP).
24. CONTRACTOR TO PROVIDE CONTROLLER HANDBOOK AND OPERATION INSTRUCTIONS, AS-BUILT ZONE DIAGRAM, INCLUDING LOCATIONS AND SIZE OF COMPONENTS, AND SOLID MOISTURE SENSOR PROBE LOCATION IF APPLICABLE. PRECIPITATION RATES FOR EACH ZONE, AND SCHEDULE RUN TIMES, WINTER AND SUMMER TO THE OWNER.
25. NEW LANDSCAPING TO BE TIED INTO EXISTING SYSTEM AND WATERED DURING ESTABLISHMENT PERIOD AS NECESSARY.

WELL & PUMP NOTE

1. PUMP SPECIFICATIONS:

PUMP MUST PROVIDE A MINIMUM OF 45 GALLONS PER MINUTE @ 55 PSI AT HEAD.
2. THE WELL SHALL BE CAPABLE OF PROVIDING REQUIRED WATER QUANTITY WITH FOLLOWING WATER QUALITY:
 - A. AT THE REQUIRED FLOW WATER SHALL BE CLEAR AND FREE OF SAND AND OTHER DEBRIS LARGER THAN .030" IN DIAMETER.
 - B. WATER SHALL BE CONSIDERED SAND FREE WHEN NO SAMPLE, TAKEN DURING TEST PUMPING, CONTAINS MORE THAN 2 PARTS PER MILLION OF SUSPENDED SOLID WEIGHT.
MAXIMUM IRON ALLOWED IN THE WELL WATER SHALL BE LESS THAN 0.3 PARTS PER MILLION.
 - C. MAXIMUM SALT CONTENT SHALL BE LESS THAN 300 PARTS PER MILLION.

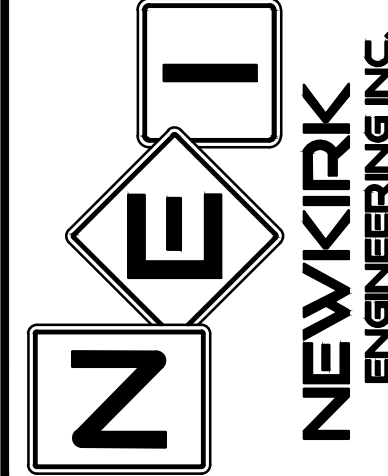
PLANT ESTABLISHMENT

1. IRRIGATE EVERY DAY FOR ONE MONTH.
2. IRRIGATE EVERY OTHER DAY FOR ONE ADDITIONAL MONTH.
3. IRRIGATE TWICE A WEEK THEREAFTER OR MORE OFTEN DURING DRY PERIODS IF PLANTS ARE SHOWING SIGNS OF DISTRESS SUCH AS WILTING OR BROWNING.
4. ENSURE RAIN SENSOR IS OPERATING CORRECTLY AND SYSTEM IS NOT WATERING ON DAYS WHEN IT RAINS.

REVISIONS

DATE	DESCRIPTION
11/27/23	CITY COMMENTS
8/12/24	P & ZB REVISION

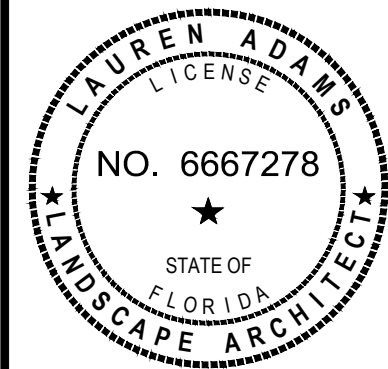
1230 North US1, Suite 3
Ormond Beach, Florida 32174
Phone (386) 872-7794
www.Newkirk-Engineering.com
C.A. # 30209
L.C. # 2600584
C 2013
Civil Engineering,
Transportation, CEI &
Landscape Architecture



IRRIGATION DETAILS
AND NOTES
SHORES DEPOT
2616 SOUTH ATLANTIC AVENUE
DAYTONA BEACH SHORES, FL 32118

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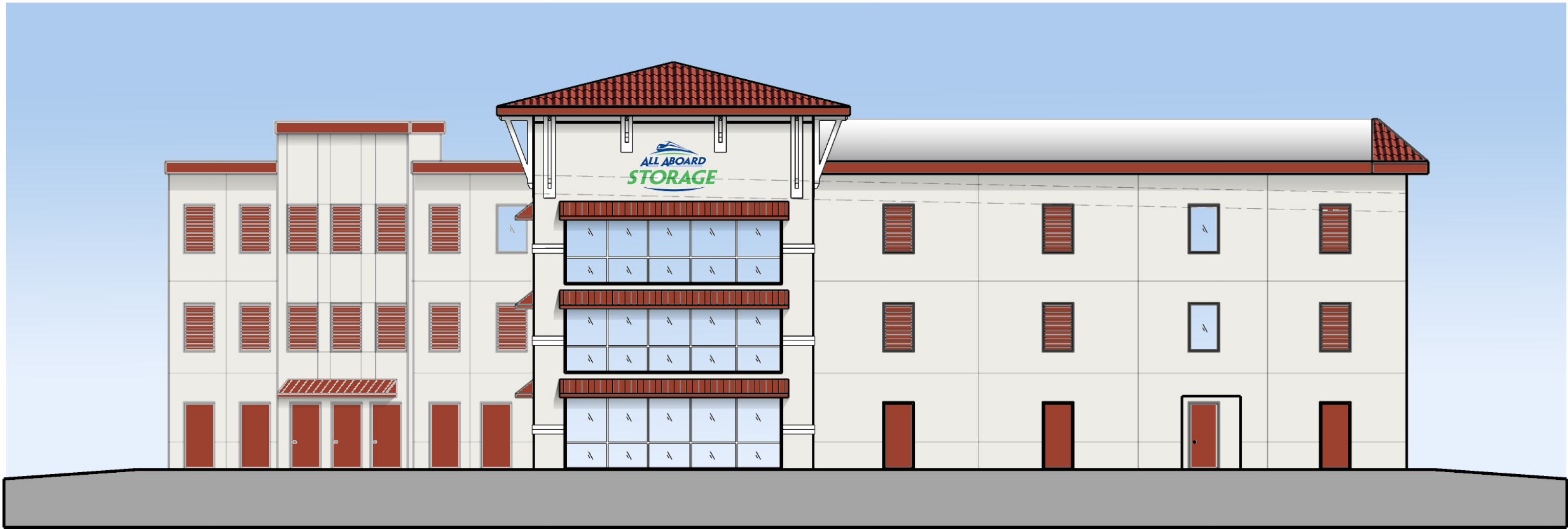


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PROJECT No:	2022-159
DATE:	SEPTEMBER 2023
DESIGN BY:	LAA
DRAWN BY:	BWV
CHECKED BY:	LAA
SCALE:	AS SHOWN
DRAWING NUMBER	L4



SOUTH FACADE



NORTH FACADE



WEST FACADE



EAST FACADE

BUILDING MATERIALS/COLORS LEGEND		
ELEMENT	MATERIAL	COLOR
1 MAIN WALLS	STUCCO / PAINTED	PPG JACKSON ST. CREAM
2 ROOF	TILE ROOF - TERRA COTTA	RED
3 BANDING / TRIM	FOAM / STUCCO / PAINTED	PPG TOASTED ALMOND
4 BRACKETS	STUCCO / PAINTED	PPG TOASTED ALMOND
5 BUILDING CORNICE	FOAM / STUCCO / PAINTED	PPG RED
6 BAHAMA SHUTTERS	COMPOSITE OR ALUMINUM	PPG RED
7 EAVE TRIM	WOOD / PAINTED	PPG RED
8 GUTTERS / DOWNSPOUTS	METAL / PAINTED	PPG JACKSON ST. CREAM
9 PRE-ENGINEERED CANOPY	METAL OR CANVAS	PPG RED
10 MANSARD ROOF	TILE ROOF - TERRA COTTA	RED

NOTES: 1) ALL TENANT SIGNAGE TO BE DESIGNED BY OTHERS AND MEET GUIDELINES OF DAYTONA BEACH LAND DEVELOPMENT CODE ARTICLE 6 SEC. 6.10

GENERAL NOTES:
ALL DIMENSIONS ARE TO FINISH FACE UNLESS NOTED OTHERWISE
ALL GENERAL & SUB-CONTRACTORS TO FIELD VERIFY ALL DIMENSIONS, ELECTRICAL, WATER, SEWER AND GAS SERVICE LOCATIONS.
ALL WORK MUST COMPLY WITH THE 2020 (7TH) EDITION (EXPOSURE 'D') OF THE FLORIDA BUILDING CODE SECT. 1609/140 MPH WIND LOAD AND THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION
ALL DOOR & WINDOW OPENINGS TO MEET OR EXCEED DESIGN PRESSURE RANGE THE BUILDING RISK CATEGORY IS '1'
INTERNAL PRESSURE COEFFICIENT IS +/- 0.18 IN ACCORDANCE WITH ASCE 7-16
ALL GLAZING IS TO BE NON IMPACT RESISTANT

REVISIONS	
△ SITE COMMENTS #1 (11.9.23)	

DAYTONA BEACH SHORES - SELF STORAGE

OWNER/DEVELOPER: ANDREW CLARK, MANAGER, 240 RIDGEWOOD AVENUE, SUITE 201, PORT ORANGE, FL 32127 - PH: (386) 236-1970 FX: (386) 577-6365
PROJECT LOCATION: 2616 S. ATLANTIC AVENUE, DAYTONA BEACH SHORES, FL 32118
GENERAL CONTRACTOR: COLEMAN GOODENOTE CONSTRUCTION, INC., HAROLD GOODENOTE, CCC 028792, 619 NORTH BEACH STREET, DAYTONA BEACH, FL 32114, PH: (386) 253-6692

BPE
DESIGN INCORPORATED
Building Design and Architecture

BRIAN P. FREDLEY, ASSOCIATE AIA, PROJECT MANAGER
DALLAS B. PEACOCK, ARCHITECT
#AR 0009706
207 FAIRVIEW AVENUE
DAYTONA BEACH, FL 32114 PH: (386) 257-0502 FX: (386) 257-1050
EMAIL: bfredley@bpdsgn.com WEBSITE: bpdsgn.com

COLORED BUILDING ELEVATIONS

DRAWN BY:

CHECKED BY: DBP & BPF

DATE: NOVEMBER 9, 2023

SCALE: 3/32"=1'-0"

SHT NO.

0 1' 4' 10' 20' 25'

ARCHITECT'S / ENGINEER'S SEAL



PLANNING ANALYSIS

APPLICATION NO:	Regular Site Plan RSP12023048
PROJECT NAME:	SHORES DEPOT - ALL ABOARD STORAGE, Interior Storage Facility
PROJECT LOCATION:	2616 South Atlantic Avenue
PARCEL ID:	5322 0004 0140
OWNER:	2616 Atlantic LLC (Name changed from 91 Oneida LLC on 4-29-24)
PROJECT COORDINATOR:	Garrett Bogart, E.I.
STAFF CONTACT:	Gwyn Herstein, City Planner
REQUEST:	<i>Approval of site plan application, RSP12023048, which would allow construction of a 3-story 36,104 sq ft interior storage facility</i>

A. EXISTING ZONING AND LAND USE

Table 1 below provides a description of the zoning district designation and current land use (i.e., existing development) for the subject and abutting properties.

Table 1: Zoning and Land Use Area Description

Location	Zoning	Current Land Use
Subject Property	GC-RD	Sherwin Williams & All Aboard Storage
North	P	Beachcomber Park
Southeast	GC-RD	Cow Lick's Ice Cream
Southwest	RMF-2	Twenty-Six Twenty-Six Condominium
East	T-RMF-1	RMF-1 Sandpoint Condominium
West	RMF-3	Sea Haven Townhomes

Notes: GC-RD = General Commercial Redevelopment District, P = Public/Quasi Public, RMF-2 = Multi-Family Residential District (Medium Density), T-RMF-1 = Hotel/Motel-Residential Multifamily (High Density) District, RMF-3 = Multi-Family Residential District (Low-Density).

As seen in **Table 1** above and **Exhibit A**, the subject property has a zoning designation of GC-RD. Pursuant to Sec. 14-58.1.2.D.2. of the Daytona Beach Shores Land Development Code (LDC), Interior Storage uses are permitted in the GC-RD District with an approved Special Exception. Special Exception SPEX12022030 was approved for Interior Storage at this location by the Planning and Zoning Board on March 13, 2023.

B. COMPREHENSIVE PLAN (2030)

According to the City's Adopted Comprehensive Plan (2030) Future Land Use Map, the future land use (FLU) classification of the subject property is *Tourist Oriented Commercial*. Comprehensive Plan **Policy 1-1.1.2.3.** sets commercial intensity limits at a maximum of 35% lot coverage and a maximum building height of 45 feet. **Policy 1-1.5.1.** and **Policy 1-1.5.5.** promote compatibility between adjacent, dissimilar land uses by requiring special consideration, landscape buffers, and space between uses. Considering the aforementioned and that the proposed development would have both a lot coverage of 34.5% and a maximum building height of 32 feet plus a neighbor-requested terra cotta roof feature, and would adhere to seven other owner/neighbor conversation-derived conditions, the proposed site plan is consistent with the City's Adopted Comprehensive Plan (2030) and existing FLU classification.

C. REVIEW AND COMMENTS

PLANNING: Gwyn Herstein, City Planner, under the direction of Stewart Cruz, AICP, Community Services Department Director

1. General Description

The development site is located at 2616 South Atlantic Avenue (**Exhibit B**). This site has an acreage of 1.56 acres and street frontage of 221.9 feet along South Atlantic Avenue. The Shores Depot - All Aboard Self Storage site plan proposes construction of a 3-story, self-storage building with a 12,450 sq foot building footprint on the westerly portion of this irregularly shaped property. The gross floor area of the proposed building is 36,104 sq feet which will be divided into approximately 123 units of various sizes. There is currently no structure on this portion of the property, though some areas are pavement-covered and others are vacant vegetation.

On the easterly portion of this site, a 1-story, 11,107 sq foot building sits. The building is occupied by a Sherwin Williams paint store and an All Aboard Self Storage business. This building will remain.

2. Stormwater

To accommodate the net 4% increase in impervious surface on the developed property, a shallow swale will be placed near the west property line. In all other areas of the property, existing drainage patterns will be maintained. The City engineer has approved this site plan as conforming with the City's Land Development Code and stormwater regulations.

3. Access

The development plan shows vehicular and pedestrian access via two (2) driveway connections to South Atlantic Avenue near the northeast and southeast ends of the property. The City's Public Safety Department has reviewed both access points and has no objection to their location.

4. Parking & Transportation

Twenty-nine (29) parking spaces are required to serve the proposed development and the businesses in the existing building on the property; thirty-five (35) spaces are shown on the plan, inclusive of four (4) ADA spaces.

A 1983 Reciprocal Grant of Easement exists between this property and the property on which the Cow Lick's Ice Cream establishment sits. The Cow Lick's property is immediately southeast of the proposed development site and bears Volusia County parcel identification number 5322 0004 0150. Accordingly, development plans and traffic and parking analyses for this project address parking requirements on both the property being developed and the Cow Lick's property. These analyses, based on information regarding the Cow Lick's Ice Cream business which is consistent with City records and the City's Land Development Code, demonstrate that fourteen (14) parking spaces are required on this separate, adjacent property. Twenty (20) parking spaces are shown on the plan, inclusive of one (1) ADA space.

Further, according to the Parking Demand Justification Letter (**Exhibit C**) provided by the project transportation engineer, average parking space utilization is expected to yield between forty-one (41) and forty-four (44) occupied spaces, while peak utilization is expected to yield between forty-five (45) and forty-seven (47) occupied spaces, depending on the time of day and the day of the week. This stated usage by the proposed building and the two existing buildings will be accommodated by the proposed total of fifty-five (55) spaces across both properties.

Additionally, according to the Trip Generation Statement traffic analysis (**Exhibit D**) provided by the project transportation engineer, daily additional trips generated by the proposed development should average ninety-one (91). These additional trips will increase average daily trips to and from the property by 9.0% so should not adversely impact the South Atlantic Avenue transportation corridor, which is currently operating at acceptable levels of service.

5. Public Facilities

The proposed storage facility will not have a restroom or other sewer demand. Office check-in and restroom facilities will be available in the existing building, which currently houses the business office. All public facilities have adequate capacity to accommodate the proposed development at the City's adopted levels of services (**Exhibit E**).

6. Landscaping

Twelve (12) trees and two (2) different species of tree are required to be added to the site. The developer proposed to the Planning and Zoning Board and was approved to add thirty (30) trees in seven (7) different tree species (**Exhibit F.1.**). A new plan was submitted August 19, 2024, to provide twenty-two (22) trees in seven (7) different tree species in lieu of the aforementioned. Adequate perimeter and interior landscaping are provided as required. Considering this information, the proposed landscape plans meet and, at times, exceed the City's landscape design requirements and meet the Special Exception Conditions identified in Exhibit H (**Exhibit F.2.**).

7. Development Plan

As seen in the attached site development plan review checklist (**Exhibit G**), the proposed plans meet the requirements of the City's Land Development Code.

8. Conditions for Approval

Related to conditional approval of associated Special Exception SPEX 12022030 and unsubmitted requirements associated with this site plan application, certain conditions for approval of Regular Site Plan RSP 12023048 must be met. Per **Exhibit H**, applicable conditions have been satisfied. Other conditions will be addressed during the building permitting phase of the development.

9. Public Notices

Required public notification requirements of newspaper publishing and placard posting on the site, both at least ten (10) days prior to the first hearing, have been met, per **Exhibit I**.

D. PLAN REVIEWERS

COMMUNITY SERVICES: Stewart Cruz, AICP, Department Director

See above.

PUBLIC WORKS: Tom Brown - Public Works/Sewer Deputy Director

The Deputy Director has reviewed the site plan, including the landscaping and irrigation plans, and his comments have been addressed.

PUBLIC SAFETY: Lt. Medders –Support Services Division Lieutenant

The Support Services Lieutenant has reviewed the site plan and his comments have been addressed.

ENGINEERING: Michelle Widick, P.E. – Zev Cohen

The City's civil engineering consultant has reviewed the site plan and her comments have been addressed.

PLANNING & ZONING BOARD:

At its August 12, 2024, public hearing, the Daytona Beach Shores Planning and Zoning Board considered RSP12023048 as presented and recommended approval.

E. STAFF RECOMMENDATION

Staff recommends approval of the Shores Depot - All Aboard Storage Regular Site Plan RSP12023048 as presented, with the conditions identified in Exhibit H.

EXHIBIT A

Zoning and Location Maps - 2616 S. Atlantic Avenue

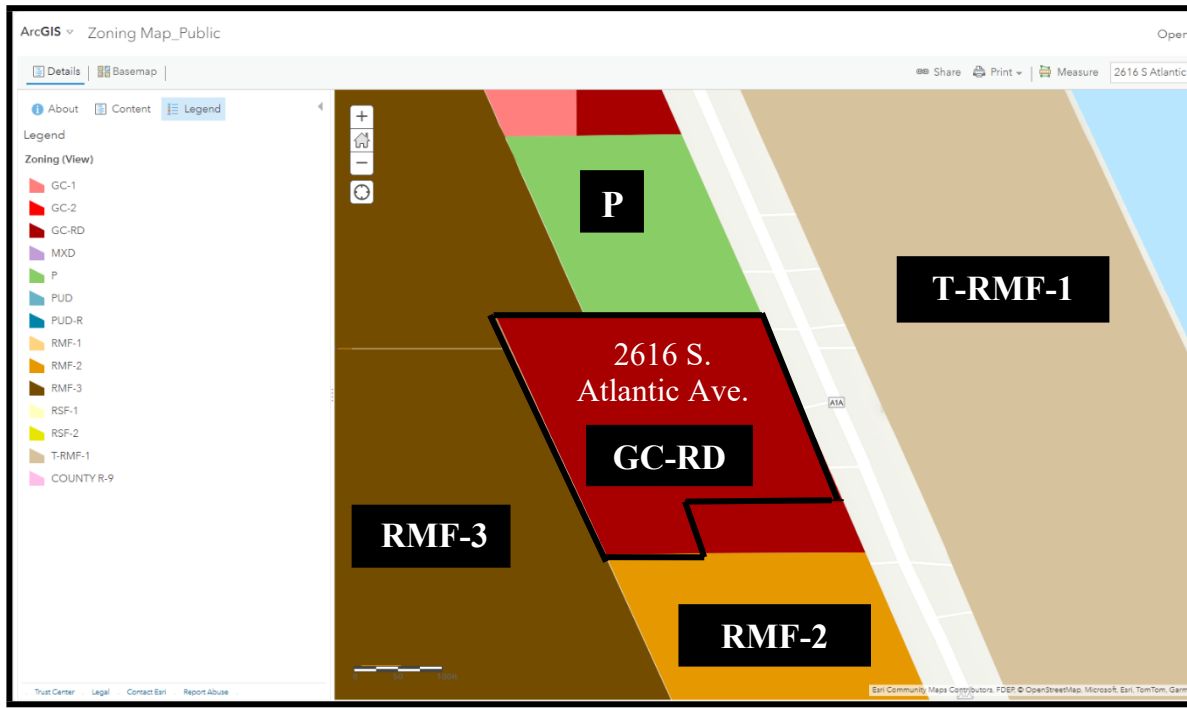


EXHIBIT B

Aerial View - 2616 S. Atlantic Avenue



Source: Volusia County Property Appraiser, 2021

EXHIBIT C

Parking Demand Analysis (3 Pages)



NEWKIRK ENGINEERING, INC.

CIVIL ENGINEERING - TRANSPORTATION - CEI - LANDSCAPE ARCHITECTURE

1230 N US HWY 1, SUITE 3, ORMOND BEACH, FLORIDA 32174 386-872-7794

September 21, 2022

Stewart Cruz, City Planner
City of Daytona Beach Shores
Planning Division
2990 S Atlantic Ave
Daytona Beach Shores, FL 32118

Re: Shores Depot – All Aboard Storage
2616 S Atlantic Ave
Parking Demand Justification Letter

Dear Mr. Cruz,

This letter is meant to be a Parking Demand Justification Letter for the proposed site conditions.

Existing Conditions

The site currently functions with shared parking for the Seahorse Storage, Sherwin Williams, and Cow-Licks Ice Cream parlor. Based on property owner and tenant claims, the existing parking in the rear of the site commonly goes unused due to the number of spaces closer to the retail stores. The site currently provides 71 standard stalls and 4 ADA stalls for a total of 75 stalls. As it sits, the ITE parking demand calculation for these three (3) businesses are below:

Description/ITE Code	Units	ITE Vehicle Parking Generation Rates					
		Average			85th Percentile		
		Weekday	Saturday	Sunday	Weekday	Saturday	Sunday
Mini-Warehouse 151 (All Aboard Storage)	KSF	0.14	0.11	0.11	0.17	0.13	0.13
Hardware/Paint Store 816 (Sherwin Williams)	KSF	1.9	2.19	2.19	1.9	2.19	2.19
High-Turnover (Sit-Down) Restaurant w/o Bar or Lounge, Urban 932 (Cow-Licks)	KSF	5.55	5.55	5.55	6.37	6.37	6.37

Description/ITE Code	Expected Units	Total Stalls Occupied in Peak Period						Anticipated Peak Period
		Average			85th Percentile			
		Weekday	Saturday	Sunday	Weekday	Saturday	Sunday	
Mini-Warehouse 151 (Seahorse Storage)	3,086	0.43	0.34	0.34	0.52	0.40	0.40	5:30 pm to 6:30 pm
Hardware/Paint Store 816 (Sherwin Williams)	8,000	15.20	17.52	17.52	15.20	17.52	17.52	10:30 am to 11:30am
High-Turnover (Sit-Down) Restaurant w/o Bar or Lounge, Urban 932 (Cow-Licks)	4,555	25.28	25.28	25.28	29.02	29.02	29.02	6:30 pm to 7:30 pm
TOTAL		41	44	44	45	47	47	

These totals display that if all peak periods occur simultaneously, 47 stalls will be occupied during that peak hour on a weekend. However, these three businesses have varying anticipated peak period times (see tables above) and are not expected to experience simultaneous peak periods often. The Land Development Code requires 37 parking spaces for this development per use. See table below:

Page 1 of 3

Shores Depot
Parking Letter
September 21, 2022

LDC PARKING REQUIREMENTS - EXISTING PLAZA				
BUILDING USE	A. SF/SEATS	B. SPACES	C. PER UNIT	D. REQ. SPACES
MINI-WAREHOUSE (SF)	3086 (SF)	1	1,500	2
COW LICKS (SEATS)	48 (SEATS)	1	4	12
COW LICKS (EMPLOYEES)	2 EMPLOYEES	1	3	2
SHERWIN WILLIAMS (SF)	5090 (SF)	1	250	21
TOTAL REQUIRED SPACES				37
TOTAL REQUIRED ADA SPACES				2

Proposed Conditions

The project proposes to add an All Aboard Storage 3-story self-storage facility and maintain the shared parking within the commercial center.

With the proposed development, the land development code determines that 62 parking spaces are required for the site. The table below provides the number of required spaces based on the requirements of the Daytona Beach Shores Land Development Code.

LDC PARKING REQUIREMENTS - PROPOSED PLAZA				
BUILDING USE	A. SF/SEATS	B. SPACES	C. PER UNIT	D. REQ. SPACES
MINI-WAREHOUSE (SF)	39685 (SF)	1	1,500	27
COW LICKS (SEATS)	48 (SEATS)	1	4	12
COW LICKS (EMPLOYEES)	2 EMPLOYEES	1	3	2
SHERWIN WILLIAMS (SF)	5090 (SF)	1	250	21
TOTAL REQUIRED SPACES				62
TOTAL REQUIRED ADA SPACES				3

The current layout of the proposed site includes 53 parking spaces, 4 of which are ADA compliant. The parking generation report shows that a maximum of 52 stalls will be occupied during the peak hour of any weekend or weekday. See ITE generation rates below:

Description/ITE Code	Units	ITE Vehicle Parking Generation Rates					
		Average			85th Percentile		
		Weekday	Saturday	Sunday	Weekday	Saturday	Sunday
Mini-Warehouse 151 (All Aboard Storage)	KSF	0.14	0.11	0.11	0.17	0.13	0.13
Hardware/Paint Store 816 (Sherwin Williams)	KSF	1.9	2.19	2.19	1.9	2.19	2.19
High-Turnover (Sit-Down) Restaurant w/o Bar or Lounge, Urban 932 (Cow-Licks)	KSF	5.55	5.55	5.55	6.37	6.37	6.37

Description/ITE Code	Expected Units	Total Stalls Occupied in Peak Period						Anticipated Peak Period
		Average			85th Percentile			
		Weekday	Saturday	Sunday	Weekday	Saturday	Sunday	
Mini-Warehouse 151 (Seahorse & All Aboard)	39,686	5.56	4.37	4.37	6.75	5.16	5.16	5:30 pm to 6:30 pm
Hardware/Paint Store 816 (Sherwin Williams)	8,000	15.20	17.52	17.52	15.20	17.52	17.52	10:30 am to 11:30am
High-Turnover (Sit-Down) Restaurant w/o Bar or Lounge, Urban 932 (Cow-Licks)	4,555	25.28	25.28	25.28	29.02	29.02	29.02	6:30 pm to 7:30 pm
TOTAL		47	48	48	51	52	52	

Shores Depot
Parking Letter
September 21, 2022

Based on the given rates, the entire proposed site is expected to have an average of 47 stalls filled on a weekday, which is 90% of the proposed capacity of 53 spaces. If all peak period times occur simultaneously, then 52 stalls will be occupied for that peak period. The trip generation shows that the highest number of occupied parking stalls for mini- warehouse is 6.75. The provided parking generation report suggests that the site parking requirements be based on 1 space per 6,000 sf of mini- warehouse use.

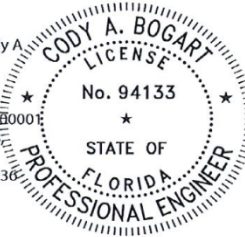
Based on this data and the behavior observed at other All Aboard Storage facilities, the proposed conceptual plan provides adequate parking for the dynamic needs of the current and proposed tenants. The reduction in required parking is being requested based on the parking generation report which shows that the stalls will be occupied with a ratio of approximately 1 space per 6,000 sf of building area. The proposed amount of 53 spaces would provide adequate parking for the plaza with the site improvements.

If you have any questions or need additional information, please feel free to call or email me.

Sincerely,



Digitally signed by Cody A Bogart
DN: c=US, o=NEWKIRK ENGINEERING INC.,
dnQualifier=A01410C0B00018143D489A10003D618,
cn=Cody A Bogart
Date: 2022.09.21 15:08:38 -04'00'



Cody Bogart, PE #94133
Newkirk Engineering, Inc.
(386) 872-7794 - cody@newkirk-engineering.com

Page 3 of 3

EXHIBIT D

Traffic Impact Analysis (2 Pages)



NEWKIRK ENGINEERING, INC.

CIVIL ENGINEERING - TRANSPORTATION - CEI - LANDSCAPE ARCHITECTURE

1230 N US HWY 1, SUITE 3, ORMOND BEACH, FLORIDA 32174 386-872-7794

October 4, 2022

Stewart Cruz, City Planner

City of Daytona Beach Shores

Planning Division

2990 S Atlantic Ave

Daytona Beach Shores, FL 32118

Re: Shores Depot – All Aboard Storage

2616 S Atlantic Ave

Trip Generation Statement

Dear Mr. Cruz,

Submitted is a trip generation report for the above referenced project which will be a proposed Indoor Self-Storage Facility. This trip generation report includes Cow-Licks Ice Cream, Sherwin Williams Paint Store, the existing Seahorse Storage, and the proposed All Aboard Storage. Cow-Lick's was included to coincide with parking calculation letter provided separate form this statement. The traffic trip generation and impact analysis were calculated from the following ITE Trip Generation Rates 8th Edition:

Description / ITE Code	UNIT	ITE Vehicle Trip Generation Rates									
		(peak hours are for peak hour of adjacent streets)									
		Weekday	AM	PM	AM In	AM Out	Pass-By	PM In	PM Out	Pass-By	
Mini-Warehouse (151)	KSF	2.5	0.15	0.26	59%	41%	0%	51%	49%	0%	
Hardware/Paint Store (810)	KSF	51.29	1.08	4.84	50%	50%	26%	47%	53%	26%	
Quality Restaurant (931)	KSF	89.95	0.81	7.49	50%	50%	44%	67%	33%	44%	
Residential Townhome (230)	DU	5.81	0.44	0.52	17%	83%	0%	67%	33%	0%	

Description / ITE Code Proposed Conditions	UNIT	Existing Trip Estimation									
		Total Generated Trips			Total Distribution of Generated Trips						
		Daily	AM Hour	PM Hour	AM In	AM Out	Pass-By	PM In	PM Out	Pass-By	
Mini-Warehouse (151)	3.100	8	0	1	0	0	0	0	0	0	
Hardware/Paint Store (810)	8.000	410	9	39	5	5	2	19	22	2	
Quality Restaurant (931)	4.550	409	4	34	3	3	2	24	12	2	
Residential Townhome (230)	10.860	63	5	6	1	4	0	4	2	0	
Total Existing Trips		890	18	79	9	12	4	47	36	4	

Description / ITE Code Proposed Conditions	UNIT KSF	Proposed Trip Estimation									
		Total Generated Trips			Total Distribution of Generated Trips						
		Daily	AM Hour	PM Hour	AM In	AM Out	Pass-By	PM In	PM Out	Pass-By	
Mini-Warehouse (151)	39.700	99	6	10	4	2	0	5	5	0	
Hardware/Paint Store (810)	8.000	410	9	39	5	5	2	19	22	2	
Quality Restaurant (931)	4.550	409	4	34	3	3	2	24	12	2	
Total Proposed Trips		919	18	83	12	11	4	48	39	4	

NET CHANGE		28	1	4	2	-2	0	1	3	0	
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Page 1 of 2

The calculations provided above use the values determined from the Institute of Transportation Engineering trip generation analysis for each designated land use. The existing RMF-3 area allows up to 10.86 dwelling units and is proposed to be rezoned and amended to coincide with the rest of the area in question as TOC land use and GC-RD zoning.

According to the FDOT traffic count provided for A1A at the proposed site location, the AADT is 3200. The project proposes a total of 28 additional daily trips which is 0.88% of the total trips. Since the proposed project increases the net daily trips by less than 10%, this proves that the current conditions of A1A are sufficient for the proposed project.

The trip generation calculations show that the proposed development will create an additional 28 Daily Trips, 1 AM Peak Hour and 4 PM Peak Hour trips. Trip generation calculations are based on the 8th Edition of the ITE manual which is the most up to date edition that is publicly available. Newer versions offer more information on pedestrian behavior, bicycle analysis, and truck data, which is not applicable to the trip generation analysis for this project.

If you have any questions or need additional information, please feel free to call or email me at cody@Newkirk-Engineering.com.

Sincerely,

NEWKIRK ENGINEERING, INC.

Cody Bogart, PE # 94133
Newkirk Engineering, Inc.



Page 2 of 2

EXHIBIT E

Public Facilities Concurrency Findings

PART A

Table 1: Concurrency/Capacity Analysis (Theoretical Max.)

Development Variable	Current Use	Proposed Use	System Impact	Capacity Available
Residential Units	N/A	N/A	N/A	
Population	N/A	N/A	N/A	
Proposed Daily Trip Generation ¹	827	918	9% increase	Yes
Sanitary Sewer (gallons/day)	N/A	N/A	N/A	
Solid Waste (lbs./day)	N/A	N/A	N/A	
Stormwater Drainage ⁴	N/A	Onsite retention	No adverse impact	Yes
Potable Water (gallons/day)	N/A	N/A	N/A	
Recreation	N/A	N/A	N/A	Yes
Public School Student(s)	N/A	N/A	N/A	

Notes:

1. Transportation: Trip Generation Analysis by Cody Bogart, P.E., Newkirk Engineering, Inc.
2. Sanitary Sewer: 250 gallons per dwelling unit per day
3. Solid Waste: 10 pounds per capita per day
4. Stormwater Drainage: Stormwater Report, as revised February 2024, by Brad Donley, P.E., Newkirk Engineering, Inc.
5. Potable Water: 110 gallons per capita per day

PART B: FINDINGS OF CONCURRENCY

Per Part A above, the City finds the following:

1. The existing public facilities have the ability to accommodate the proposed development at the adopted level-of-service standards.
2. No public facility deficiency is required to be corrected prior to the completion of the proposed development.

EXHIBIT F.1.

Landscape/Irrigation Review Checklist - August 8, 2024

LANDSCAPING AND IRRIGATION REVIEW

Date August 7, 2024

DBS Planning and Zoning Board: August 12, 2024

Name Of Project Shores Depot-All Aboard Storage, Interior Storage Facility
Project Number RSP12023048
Address & Parcel # 2616 S. Atlantic Avenue, Daytona Beach Shores, FL & 5322 0004 0140
Owners Name 2616 Atlantic LLC (Name changed from 91 Oneida LLC 4-29-24)
Applicant Andy Clark, All Aboard Storage Owner
Project Coordinator Brad Donley, P.E., Newkirk Engineering, Inc.

	Status	Date
Drawings Show Site Location & North Arrow	OK	8/7/2024
Lot Size Irregular	OK	8/7/2024
Land Area 68,135 S.F. or 1.56 acres	OK	8/7/2024
Land Area with new construction 31,207 S.F.	OK	8/7/2024
Green Area – Min Req N/A , Shown 24.2%	OK	8/7/2024
Trees – Min # Req 12 , # Shown 30	OK	8/7/2024
Tree Breakdown: 18 palms (3:1) = 6 24 non-palms		
Tree Mixture Req 2 , # Shown 7	OK	8/7/2024
Specimen Trees – No X Yes ☐ Protected ☐	OK	8/7/2024
Drawings Meet/Exceed City's Tree Ordinance	OK	8/7/2024
Parking Area Landscaping		
Min Req 120 S.F. , Shown 611 S.F.	OK	8/7/2024
Terminal/Interior Islands	OK	8/7/2024
Lot Perimeter Landscaping	OK	8/7/2024
Plants – Salt Tolerance Rating		
High X Moderate X Slight ☐	OK	8/7/2024
Provisions For Irrigation	OK	8/7/2024

Remarks: None

LANDSCAPING/IRRIGATION PLAN REVIEWED BY:

Gwyn Herstein
Gwyn Herstein, City Planner

August 8, 2024
Date

Stewart Cruz
Stewart Cruz, AICP, Community Services Director

8-8-24
Date

LANDSCAPING/IRRIGATION PLAN APPROVED BY PLANNING & ZONING BOARD:

With Modifications Indicated ☐ Without Modifications ☒

Approval recommended at 8-12-24 P2B meeting

8-12-24

Print Name Rose Ann Tornatore, protest Chair

Date

EXHIBIT F.2.

Landscape/Irrigation Review Checklist – August 19, 2024

LANDSCAPING AND IRRIGATION REVIEW

Date August 19, 2024

City Commission Meeting: August 27, 2024

Name Of Project Shores Depot-All Aboard Storage, Interior Storage Facility
Project Number 12023048
Address & Parcel # 2616 S. Atlantic Avenue, Daytona Beach Shores, FL & 5322 0004 0140
Owners Name 2616 Atlantic LLC (Name changed from 91 Oneida LLC 4-29-24)
Applicant Andy Clark, All Aboard Storage Owner
Project Coordinator Garrett Bogart, E.I., Newkirk Engineering, Inc.

	Status	Date
Drawings Show Site Location & North Arrow	OK	8/7/2024
Lot Size Irregular	OK	8/7/2024
Land Area 68,135 S.F. or 1.56 acres	OK	8/7/2024
Land Area with new construction 31,207 S.F.	OK	8/7/2024
Green Area – Min Req N/A , Shown 24.2%	OK	8/7/2024
Trees – Min # Req 12 , # Shown 22	OK	8/19/2024
Tree Breakdown: 24 palms (3:1) = 8 14 non-palms		
Tree Mixture Req 2 , # Shown 7	OK	8/7/2024
Specimen Trees – No X Yes Protected	OK	8/7/2024
Drawings Meet/Exceed City's Tree Ordinance	OK	8/7/2024
Parking Area Landscaping		
Min Req 120 S.F. , Shown 611 S.F.	OK	8/7/2024
Terminal/Interior Islands	OK	8/7/2024
Lot Perimeter Landscaping	OK	8/7/2024
Plants – Salt Tolerance Rating		
High X Moderate X Slight	OK	8/7/2024
Provisions For Irrigation	OK	8/7/2024

Remarks: None

LANDSCAPING/IRRIGATION PLAN REVIEWED BY:

Gwyn Herstein
Gwyn Herstein, City Planner

8-19-24
Date

Stewart Cruz
Stewart Cruz, Community Services Director

8-19-24
Date

LANDSCAPING/IRRIGATION PLAN APPROVED BY PLANNING & ZONING BOARD:

With Modifications Indicated _____ Without Modifications _____

Print Name

Date

EXHIBIT G

Development Review Checklist (3 Pages)



SITE DEVELOPMENT PLAN REVIEW

Date August 7, 2024

DBS Planning and Zoning Board: August 12, 2024

Name Of Project Shores Depot-All Aboard Storage, Interior Storage Facility
 Project Number RSP12023048
 Address & Parcel # 2616 S. Atlantic Avenue, Daytona Beach Shores, FL & 5322 0004 0140
 Owners Name 2616 Atlantic LLC (Name changed from 91 Oneida LLC 4-29-24)
 Applicant Andy Clark, All Aboard Storage Owner
 Project Coordinator Brad Donley, P.E., Newkirk Engineering, Inc.

	Status	Date
Statement of Ownership & Control	OK	8/7/2024
Proposed Address: 2616 S. Atlantic Avenue	OK	8/7/2024
Zoning Classification: GC-RD	OK	8/7/2024
Future Land Use Classification: TOC	OK	8/7/2024
Use – Existing: Interior Storage Facility/Vacant	OK	8/7/2024
Proposed - Expanded Interior Storage Facility	OK	8/7/2024
Subject to Development Agreement & Waivers (DA)	NA	8/7/2024
Subject to Variances/Special Exceptions- SPEX 12022030	OK	8/7/2024
Lot Size and Area – 68,135 S.F. or 1.56 acres	OK	8/7/2024
Min. Width: 75 ft Shown: 221.93 ft	OK	8/7/2024
Min. Sq. Ft.: 7,500 S.F. Shown: 68,135 S.F.	OK	8/7/2024
Density – Based on Usable Land		
Units Per Acre Allowed: NA Shown: NA	NA	8/7/2024
Max # Units: NA # Units Shown: NA	NA	8/7/2024
Setbacks – Direction		
Front: SR A1A Required: 20 ft , Shown: 176 ft	OK	8/7/2024
Side: South Required: 10 ft , Shown: 29.8 ft	OK	8/7/2024
Rear: West Required: 20 ft , Shown: 20 ft	OK	8/7/2024
Side: North Required: 10 ft , Shown: 10 ft	OK	8/7/2024
Lot Coverage – Max: 35% , Shown: 34.6%	OK	8/7/2024
Green Area – Min: NA % , Shown: 24.2%	OK	8/7/2024
Open Space (PUDs only) – Min %, Shown %	NA	8/7/2024
Common Open Space (PUDs only)	NA	8/7/2024
Retail/Commercial (MXDs only) – Max %, Shown %	NA	8/7/2024
Building Height		
Max: 35 ft (plus decorative elements per SPEX12022030)		
Shown: 32 ft (plus decorative elements)	OK	8/7/2024
Building Width – Max NA. , Shown NA.	NA	8/7/2024
Building Separation	NA	8/7/2024
Breezeway – Min _____ %, Shown _____ %	NA	8/7/2024
Landscaping Plan	OK	8/7/2024
Irrigation Plan	OK	8/7/2024
Sidewalks Provided	NA	8/7/2024
Public Beach Access Provided	NA	8/7/2024

Balcony Overhangs	NA	8/7/2024
Parking Spaces – Req: 29 , Shown: 35	OK	8/7/2024
Parking Stalls – Meet Minimum Dimensions	OK	8/7/2024
Handicap Parking / ADA access	OK	8/7/2024
Curb Cuts – Existing: 3 , Req., Shown 2	OK	8/7/2024
Visual Obstructions? (corner lots only)	NA	8/7/2024
Driveway Ramps – Slope Allowed , Shown	NA	8/7/2024
Profile of Garage Ramp with Degree of Slope Shown	NA	8/7/2024
Off Street Loading Spaces – Required 0 Shown 0	OK	8/7/2024
Off Street Dumpster Loading	OK	8/7/2024
Elevations	OK	8/7/2024
Fences, Walls and Hedges	OK	8/7/2024
Accessory Structures	NA	8/7/2024
Location of Utilities	OK	8/7/2024
Location of Proposed Signs: Existing	OK	8/7/2024
Boundary Changes	OK	8/7/2024
Nonconformities formed on adjacent properties?	NA	8/7/2024
Sea Turtle Lighting Requirement Letter Received	OK	8/7/2024
Beaches and Dunes Requirement Letter Received	NA	8/7/2024
Special Flood Hazard Area	NA	8/7/2024
Location of Construction Parking for Duration of Project	OK	8/7/2024
Location of Public Easements	OK	8/7/2024
Requisite Permit Applications Received	OK	8/7/2024
Reviewed and Approved by Fire Division	OK	8/7/2024
Potable Water Availability Letter Received	OK	8/7/2024
Sewer Capacity Letter Received	OK	8/7/2024
Stormwater Maintenance Agreement Received	NA	8/7/2024
Stormwater Pollution Prevention BMP	OK	8/7/2024
Beach and Dune Assessment Report Received	NA	8/7/2024
Sewer Availability Confirmed by Concurrency Manager	OK	8/7/2024
Solid Waste Removal Letter Received	NA	8/7/2024
Stormwater Drawings Approved	OK	8/7/2024
School Concurrency	NA	8/7/2024
Transportation Impact Analysis Study Submitted	OK	8/7/2024
De Minimis Impacts Recorded	OK	8/7/2024
Concurrency Certification Received	OK	8/7/2024
Reviewed and Approved by Planning and Zoning Board	PENDING	

REMARKS:

SITE DEVELOPMENT PLAN REVIEWED BY:

Gwyn Herstein
Gwyn Herstein, City Planner

August 8, 2024
Date

Stewart Cruz
Stewart Cruz, AICP, Community Services Director

8-8-24
Date

SITE DEVELOPMENT PLAN APPROVED BY PLANNING & ZONING BOARD:

With Modification(s) Indicated _____ Without Modifications ✓

Approval recommended at 8-12-24 PZB meeting 8-12-24

Print Name Rose Ann Tornatore, program Chair Date _____

EXHIBIT H

Special Exception Conditions

CONDITIONS FOR APPROVAL OF REGULAR SITE PLAN RSP12023048

Date: August 7, 2024

DBS Planning and Zoning Board: August 12, 2024

Name Of Project	Shores Depot-All Aboard Storage, Interior Storage Facility
Project Number	12023048
Address & Parcel #	2616 S. Atlantic Avenue, Daytona Beach Shores, FL & 5322 0004 0140
Owners Name	2616 Atlantic LLC (Name changed from 91 Oneida LLC 4-29-24)
Applicant	Andy Clark, All Aboard Storage Owner
Project Coordinator	Brad Donley, P.E., Newkirk Engineering, Inc.

Conditions of Special Exception SPEX12022030* issuance (as approved by the Planning and Zoning Board March 13, 2023):

1. 35 feet maximum height of the building for sides with allowance for additional height for roof. Roof shall include a red terra cotta roof feature. Staff comment: OK
2. Use the lower elevation of the unimproved parcel as the base elevation, rather than that of the paved lot, which currently has a higher elevation. Staff comment: OK
3. Add to the facade, especially in the rear (west elevation), using a terra cotta/red color to create faux windows with shutters, giving the building a "Mediterranean" style with a "barrel tile" roof element. Staff comment: OK
4. Position the building to create a 20-foot side setback from the north property line. Staff comment: OK
5. Use low-level / one-story lighting in rear of building (west elevation). Staff comment: OK – Pending building permitting
6. Ensure that loading / unloading is conducted on the east side of the building. Staff comment: OK
7. Restrict the hours of access to the building to begin at 6 a.m. and end at 9 p.m. Staff comment: OK
8. Provide a landscape buffer between Sea Havens and the proposed building to include 6 palm trees per 100 linear feet, with species dependent upon availability and survivability. Each tree shall have a gray wood trunk at least 6' in height. Staff comment: OK

*This Special Exception was conditionally approved allowing expansion west of the existing Interior Storage Facility on the site.

EXHIBIT I

Public Notices (2 Pages)

THE DAYTONA BEACH NEWS-JOURNAL

PO Box 631244 Cincinnati, OH 45263-1244

AFFIDAVIT OF PUBLICATION

April Rosamilia
April Rosamilia
420 S Nova Road
Daytona Beach Florida 32114

STATE OF WISCONSIN, COUNTY OF BROWN

Before the undersigned authority personally appeared, who on oath says that he or she is the Legal Coordinator of The News-Journal, published in Volusia and Flagler Counties, Florida; that the attached copy of advertisement, being a Govt Public Notices, was published on the publicly accessible website of Volusia and Flagler Counties, Florida, or in a newspaper by print in the issues of, on:

07/24/2024

Affiant further says that the website or newspaper complies with all legal requirements for publication in chapter 50, Florida Statutes.

Subscribed and sworn to before me, by the legal clerk, who is personally known to me, on 07/24/2024

Legal Clerk

Notary, State of WI, County of Brown

My commission expires

Publication Cost: \$297.80

Tax Amount: \$0.00

Payment Cost: \$297.80

Order No: 10397772

Customer No: 1021886

PO #:

of Copies:

1

THIS IS NOT AN INVOICE!

Please do not use this form for payment remittance.

KAITLYN FELTY
Notary Public
State of Wisconsin

NOTICE OF PUBLIC HEARINGS

Notice is hereby given that the City of Daytona Beach Shores will hold Public Hearings to consider a site plan application for the property generally located at 2616 S. Atlantic Avenue, Daytona Beach Shores, FL, 32118, having Volusia County Parcel ID No. 532200040140. The applicant, Andy Clark, Manager of 91 Oneida LLC, for All Aboard Storage, is requesting approval to place a three-story, 36,104 sq ft building for a self-storage use.

Planning and Zoning Board, August 12, 2024, at 8:30 a.m.
City Commission, August 27, 2024, at 6:00 p.m.

The hearings will be held in the City Commission Chambers in the Community Center located at 2000 Bellmead Drive, Daytona Beach Shores, Florida.

All interested parties are invited to appear at these Public Hearings and submit oral or written objections or comments. The application is available for public inspection at the City of Daytona Beach Shores, Community Services Department, Planning Division, 2990 S. Atlantic Avenue, Daytona Beach Shores, Florida. For more information, please call Tel. (386) 793-5376.

Anyone who wishes to appeal any decision by the City with respect to any matter considered at said Public Hearings will need a record of the proceedings of the Public Hearings, including all testimony and evidence, and should arrange in advance for the making of a verbatim transcript of the Public Hearings.

The Public Hearings may be continued to one or more dates. The dates, times, and places of any continuation of the Public Hearings will be announced at the continued Public Hearing and no further notice regarding said continuation is required to be published.

In accordance with the Americans with Disabilities Act (ADA), persons needing special accommodations to participate in the proceedings should contact the City Clerk's Office no later than seven working days prior to the hearing.

If you have any questions, please contact: Joseph Posey, Jr., Esq., Storch Law Firm, 420 South Nova Road, Daytona Beach, FL, 32114, (386) 238-8383.

LF10397772 7/24/24 1T





**CITY COMMISSION AGENDA MEMORANDUM
SEPTEMBER 9, 2024 AGENDA**

TO: Honorable Mayor and Members of the City Commission
FROM:
PREPARED BY: Cheri Schwab, City Clerk
SUBJECT: Discussion on Volusia County's Dune Vegetation Ordinance

SYNOPSIS:

Per City Commission direction, this item was included on the agenda.

FISCAL IMPACT STATEMENT:

BACKGROUND:

LEGAL REVIEW:

RECOMMENDATION:

SUGGESTED MOTION:

ATTACHMENTS:

- 1.8-29-24 Email from Clay Erwin-Volusia County - Fwd_ Beaches and Dunes Ordinance
- 2. Agenda Item for Resolution Derral of dune restoration requirements in Chapters 50 and 72
- 3. CHP 72 DIVISION 15. ENVIRONMENTAL STANDARDS FOR BEACH AND DUNE PROTECTION
- 4.6-22-01 Minutes
- 5.Executed-Ordinance-2021-13-508-ys
- 6.Ord 2021-13 Agenda Material
- 7.Fwd_ Fwd_ Fw_ Dune Restoration County Ordinance Section 50-531



Paul Waters <paul@voselaw.com>

Fwd: Beaches and Dunes Ordinance

1 message

Swartzlander, Kurt <kswartzlander@cityofdbfs.org>
To: Paul Waters <paul@voselaw.com>

Thu, Aug 29, 2024 at 5:37 PM

Sent from my iPhone

Begin forwarded message:

From: Clay Ervin <CErvin@volusia.org>
Date: August 29, 2024 at 5:35:16 PM EDT
To: "Swartzlander, Kurt" <kswartzlander@cityofdbfs.org>, George Recktenwald <GRecktenwald@volusia.org>, Suzanne Konchan <SKonchan@volusia.org>, Michael Dyer <mdyer@volusia.org>, Paolo Soria <PSoria@volusia.org>
Cc: Ginger Adair <GAdair@volusia.org>, Jennifer Winters <JWinters@volusia.org>, Benjamin Bartlett <BBartlett@volusia.org>, Jessica Fentress <jfentress@volusia.org>
Subject: Beaches and Dunes Ordinance

Good afternoon,

Attached for your information is Chapter 50, Article III, Division 9, Beaches and Dunes (Countywide Minimum Environmental Standards) and Chapter 72, Article III, Division 15, Environmental Standards for Beach and Dune Protection.

These are the code sections that establish the regulations used by Volusia County to protect the beach and dune habitat. The purpose and intent are stated Section 72-1051 which reads as follows:

It is the purpose of this regulation to provide certain standards that promote restoration and preservation of the vital beach and dune system along the Atlantic coast of Volusia County, Florida. The intent is to regulate coastal construction activities that affect the beach and dune system and that may degrade its natural processes and functions. All such standards shall meet or be more restrictive than the Florida Department of Environmental Protection (FDEP) standards.

The requirement to provide for a dune and planting after completion of construction of coastal armoring is found in Section 72-1056(a)(3) which reads as follows:

All new and reconstructed armoring structures must be buried with an artificial dune at least four feet above the existing grade, at a slope no greater than three to one, and planted with the appropriate native coastal vegetation.

There are provisions in Section 72-1056(a)(6) to allow for payment in lieu of installing the dune and vegetation.

The Volusia County Council deferred compliance with this requirement until December 31, 2024, to allow time for publicly-funded, sand placement projects and private funding via state grants to restore dunes impacted by hurricanes Ian or Nicole (see attached agenda item from the March 7, 2023, meeting).

Recently, Council member Reinhart requested that an extension to deadline be granted since many of the

property owners are still working on completion of coastal armoring projects. There is also discussion regarding granting an exemption to these requirements to those property owners who suffered damage by hurricanes Ian or Nicole who also provided the county with the appropriate easement for sand placement by Volusia County. These are topics that the County Council will be discussing in upcoming meetings. We will coordinate with you and your residents once the County Council agrees on a policy direction on this issue.

Please let me know if you have any questions.

Clay Ervin

Volusia County

Growth & Resource Management

[123 Indiana Avenue, Room 200](#)

[DeLand, Florida 32720-4615](#)

CErvin@volusia.org

Ph. 386.822.5013 x12000

Cl. 386.717.6690

3 attachments

CHP 50_DIVISION_9.____BEACHES_AND_DUNES.pdf
214K



CHP 72_DIVISION_15.____ENVIRONMENTAL_STANDARDS_FOR_BEACH_AND_DUNE_PROTECTION.pdf
222K



Item-S-10668.pdf
1160K

Date: 03/07/2023		AGENDA ITEM		Item: S	
☐ Ordinance		☒ Resolution		☐ Budget Resolution	
☐ Other					
County Goals					
☐	Thriving Communities	☐	Economic & Financial Vitality	☐	Excellence in Government
				☒	NA
Department: Growth And Resource Management					
Division: Administration Services					
Subject: Resolution authorizing a deferral of dune restoration requirements contained in Chapters 50 and 72 for installation or replacement of new coastal armoring.					
Clay Ervin Director Growth and Resource Management  Department Approval				Legal Paolo Soria Senior Assistant County Attorney  Approved as to Form and Legality	
Division Approval				County Manager's Office Ryan Ossowski Chief Financial Officer 	
Council Action:					
Modification:					
Account Number(s): NA					
Total Item Budget: NA					
Staff Contact(s): Clay Ervin				Phone: 386 822 5013	Ext. 12000
Summary/Highlights: The County Council directed staff to allow for the deferral of the requirements for dune restoration requirements for the replacement or installation of coastal armoring, such as sea walls. The county's beaches and dunes regulations apply county-wide and include requirements for the restoration of the dunes by placing sand and plants on the seaward side of new sea walls. If there is a clear tidal influence that will negatively impact the dune restoration requirement, then the county may accept payment in lieu of the dune placement. Implementation of this requirement may result in an increased cost and delay in the issuance of the permit. The County Council heard from residents who are seeking approval of plans for the recovery of their homes on the coast who are concerned with the requirements for dune restoration. The proposed resolution allows for a deferral of the implementation of these regulations until December 31, 2024, in order to allow for local, state and federal agencies efforts for beach renourishment to be completed. This will allow for an efficient and expedited issuance of local beaches and dunes permits without negatively impacting property owners.					

Recommended Motion: Approval

RESOLUTION 2023-_____

A RESOLUTION OF THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, PROVIDING FOR DEFERRMENT OF A REQUIRED ARTIFICIAL DUNE WITH PLANTINGS UNTILL DECEMBER 31, 2024 SUBJECT TO CRITERIA; PROVIDING FOR FINDINGS AND JUSTIFICATION; PROVIDING FOR DIRECTION ON ENFORCEMENT FOR NON-COMPLIANCE; PROVIDING FOR RETROACTIVE APPLICATION TO A CERTAIN DATE; PROVIDING AN EFFECTIVE DATE.

RECITALS

WHEREAS, on September 24, 2022 the Governor issued Executive Order No. 22-219, declaring a state of emergency for the entire State of Florida due to the impending impact of Hurricane Ian (Tropical Depression Nine) as it approached the State of Florida, which has been extended and is in effect;

WHEREAS, on November 7, 2022 the Governor issued Executive Order No. 22-253, declaring a state of emergency for Volusia County due to the impending impact of Hurricane Nicole (sub-tropical storm Nicole) as it approached the State of Florida, which has been extended and is in effect;

WHEREAS, the County Council declared a state of local emergency on September 27, 2022 for Hurricane Ian and on November 7, 2022 for Hurricane Nicole;

WHEREAS, both Hurricane Ian and Hurricane Nicole caused major damage to commercial and residential structures in Volusia County, as well as major damage or destruction to existing coastal seawall and erosion of coastal dunes;

WHEREAS, the Section 50-351(a)(3) and Section 72-1056(a)(3) of the Code of Ordinances, County of Volusia requires all new and reconstructed armoring structures to be buried with an artificial dune at least four feet above the existing grade, at a slope no greater than three to one, planted with appropriate native coastal vegetation (the 4-foot dune);

WHEREAS, the requirement for the artificial dune may be replaced by a payment-in-lieu based on existing beach conditions;

WHEREAS, due to both hurricanes, the elevation of the beach is such that under the current situation and beach condition, as well as the state, federal, and local declarations of emergency, the construction or payment-in-lieu of the 4 foot dune is not in the public interest, or furthers the health, safety, and welfare of the citizens of Volusia County; nor is placement of an artificial dune at the current elevation of the beach conducive to habitat creation or preservation;

WHEREAS, Volusia County is the recipient of state grants of approximately \$37,689,745.00 for beach erosion projects which would go towards beach renourishment and sand placement;

WHEREAS, the County Council desires to defer until December 31, 2024, the implementation of the requirement for property owners to construct the 4 foot dune or payment-in-lieu of the 4 foot dune, in order to allow for the natural accretion of the beach as well as to allow for a beach renourishment project for the placement of beach compatible sand;

WHEREAS, at the end of the deferment period, the County will reassess those properties that have constructed a seawall without the construction of the artificial dune and determine if any further action, including Code Enforcement through a special magistrate, is necessary.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA IN OPEN MEETING DULY ASSEMBLED IN THE THOMAS C. KELLY ADMINISTRATION CENTER, DELAND, FLORIDA THIS 7th DAY OF MARCH 2023, AS FOLLOWS:

Section I. Recitals. The above recitals are hereby incorporated as statements of fact and intent.

Section II. Deferral. The Volusia County Council hereby defers until December 31, 2024 the requirement under Section 50-351(a)(3) and Section 72-1056(a)(3) of the County Code that all new and reconstructed armoring structures must be buried with an artificial dune at least four feet above the existing grade, at a slope no greater than three to one, and planted with the appropriate native coastal vegetation. This deferral applies to the construction, payment-in-lieu, or bond or other security of the artificial dune.

Section III. Prior to the end of the deferral period in Section II of this Resolution, the Volusia County Environmental Management Department shall assess the accretion of sand as well as beach renourishment projects and determine if any further action is required by the property owner, including construction and/or planting of the 4-foot dune, or portion thereof, or payment-in-lieu to meet the purpose and intent of the Code. The property owner shall be informed of any remaining action necessary to meet Chapter 50 or Chapter 72.

Section IV. A property owner who does not construct or plant the 4-foot dune, or provide a payment-in-lieu, after the end of the deferral period, shall be in violation Chapter 50 and Chapter 72 and are subject to Code Enforcement before a special magistrate, or other appropriate board or master.

Section V. This Resolution is in response to a state, local, and federal weather-related emergency and is provided under the authority in Chapter 46 of the Code and Chapter 252, Florida Statutes.

Section VII. This Resolution shall take effect immediately upon adoption shall retroactively apply to beaches and dunes permit applications received or approved between September 27, 2022 and the effective date of this Resolution.

DONE AND ORDERED IN OPEN MEETING.

**COUNTY COUNCIL
VOLUSIA COUNTY, FLORIDA**

ATTEST: _____
George Recktenwald
County Manager

BY: _____
Jeffery S. Brower
County Chair

PART II - CODE OF ORDINANCES
Chapter 72 - LAND PLANNING
ARTICLE III. - LAND DEVELOPMENT REGULATIONS
DIVISION 15. ENVIRONMENTAL STANDARDS FOR BEACH AND DUNE PROTECTION

DIVISION 15. ENVIRONMENTAL STANDARDS FOR BEACH AND DUNE PROTECTION¹

Sec. 72-1051. Purpose and intent.

It is the purpose of this regulation to provide certain standards that promote restoration and preservation of the vital beach and dune system along the Atlantic coast of Volusia County, Florida. The intent is to regulate coastal construction activities that affect the beach and dune system and that may degrade its natural processes and functions. All such standards shall meet or be more restrictive than the Florida Department of Environmental Protection (FDEP) standards.

(Ord. No. 2021-13, § III, 6-22-21)

Sec. 72-1052. Exemptions.

Activities that are exempted from this division include:

- (a) Planting native coastal vegetation on property or lots abutting the Atlantic Ocean.
- (b) Removal of debris, unpermitted structures or non-functioning coastal armoring.
- (c) Mechanical beach cleaning, provided that it conforms to the standards contained in division 12 of this article, pertaining to sea turtle protection, if said activity is permitted by FDEP, and does not enter the Conservation Zone or the Natural Beach Management Areas.
- (d) Any work performed by the United States Army Corps of Engineers (ACOE), the Florida Inland Navigation District (FIND), the Florida Department of Transportation (FDOT), the Florida Department of Environmental Protection (FDEP), or their designee.
- (e) Any maintenance, repair, replacement, improvement or construction activities performed by the county on the beach or on or adjacent to any Volusia County beach approach, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances.

(Ord. No. 2021-13, § III, 6-22-21)

¹Ord. No. 2021-13, § III, adopted July 22, 2021, repealed the former Div. 15, §§ 72-1051—1061, and enacted a new Div. 15 as set out herein. The former Div. 15 pertained to similar subject matter and derived from Ord. No. 92-18, § I, adopted June 18, 1992; Ord. No. 01-08, § 1, adopted April 19, 2001; Ord. No. 01-34, §§ 1—6, adopted Dec. 13, 2001; Ord. No. 2004-18, § 1, adopted Oct. 21, 2004; Ord. No. 2008-25, § III, adopted Dec. 4, 2008.

Code references—Beaches, ch. 20; environmental protection standards relating to beaches and dunes, § 50-341 et seq.; waterways, ch. 126.

Special acts reference—Waterways, ch. 238.

Sec. 72-1053. Beach and dune permit.

A permit shall be required for any excavation, erosion control activities, sand placement, dune restoration, armoring, and maintenance, repair, replacement, improvement, or construction activities related to any structure on the beach or beach approach, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances. An application for a permit shall be submitted with the following information:

- (a) *Application forms.* A complete permit application shall be submitted by a property owner or authorized agent of the owner, on the approved application form(s). Submittal of an application is considered express consent for staff to inspect the property as necessary to process the application and determine compliance with ordinance requirements.
- (b) *Fees.* Each permit application must be accompanied by the appropriate fee(s) as established by the council. The permit application fees are nonrefundable and nontransferable. Beach access fees are required at all public vehicular approaches in accordance with Chapter 20, Article VI, Division 2, and are not included in the permit application fees.
- (c) *Required application data.* The application must be accompanied by:
 - (1) Property boundary survey. Property boundaries must be locatable in the field by the inspectors. As a minimum, property boundaries must be located and so designated to be clearly identifiable and visible on-site.
 - (2) A site plan and cross section view showing all proposed work.
 - (3) A completed copy of the appropriate Florida DEP permit, with supporting documents.
 - (4) An issued Joint Coastal Permit (JCP), if applicable, for activities required to get ACOE and FDEP approval, with supporting documents and plans.
 - (5) A copy of a city building permit or development order, if applicable.
 - (6) Dune restoration and maintenance plan, if applicable.
 - (7) Identification of proposed beach access points. Vehicles entering the Conservation Zone or Natural Beach Management Area must obtain Habitat Conservation Plan approval from the Environmental Management Director (EMD) and are responsible for all beach tolls as set forth in Chapter 20 Beach Code.
 - (8) A cost estimate for the construction of the entire project, including any planting and dune restoration.
 - (9) Placement and location of any sand extracted during construction and compliance with section 72-1057(a).
 - (10) Other information which the EMD may reasonably require to determine whether to approve the permit.

The EMD may waive any of the requirements of the application if, in the opinion of the EMD, such information is found to be unnecessary for a proper evaluation of the proposed work.

- (d) *Action on permit application.* The Land Development Division shall, within three working days from the filing, determine if the application is complete. If it is determined that the application is incomplete, it shall be returned to the applicant. If the application is determined to be complete, the Land Development Manager (LDM) shall transmit the application and plans to the EMD. The EMD shall have 15 working days from the date of receipt from the LDM of a complete application to approve or deny the permit.

-
- (e) *Issuance of permits.* If the application meets the requirements and standards of this article, the LDM shall issue the permit based upon approval by the EMD, as provided in this division, and may attach such appropriate conditions to the said permit in order to comply with the standards of section 72-1055, 72-1056, and 72-1057 of this article. The EMD may deny the permit if it does not meet such requirements and standards, stating the reasons therefor. The issuance of a permit does not create or vest any property right in the holder of the construction activity, nor does it relieve the permittee from obtaining any other permits that may be required by the appropriate authorities.
 - (f) *Termination of permit.* All Beach and Dune permits shall expire one year from the date of issue unless time extensions are granted by the EMD. Applications for extensions of time shall be made in writing to the EMD at least 30 days prior to the expiration of the permit.

(Ord. No. 2021-13, § III, 6-22-21)

Sec. 72-1054. Standards for permit issuance.

In determining whether the project is permissible under the provisions of this article, the EMD shall consider, but not be limited to, the following criteria:

- (a) The necessity to conduct such coastal projects for potential benefits versus adverse impacts to the coastal system to include consideration of the feasibility factors contained in section 72-1056(a)(5) for armoring projects.
- (b) The degree, if any, of interference or reduction of public access along the beach. There should be no loss or reduction to public access to the beach after construction and the impact to public access during construction must be minimized to the maximum extent practicable.
- (c) For armoring projects, the distance (linear feet) of the project from existing adjacent, structurally sound seawall, bulkhead or revetment existing on the effective date of this article to determine if it is located in a predominately natural coastline (PNC) area or a predominately armored (non-PNC) area.
- (d) The ability of armoring to achieve the purpose of stabilizing the upland dune system, thus protecting the upland structure from coastal erosion.
- (e) The condition and design of armoring on either side of the proposed site.

(Ord. No. 2021-13, § III, 6-22-21)

Sec. 72-1055. Standards for beach and dune walkovers.

Beach and dune walkovers may be constructed for the purpose of maintaining or enhancing pedestrian access to the beach and to minimize habitat impact where there is currently no walkover. All applicable state and local permits necessary for construction of beach and dune walkovers must be obtained prior to the start of construction. This section applies to new or reconstructed walkovers. A reconstructed walkover is one which has sustained damage in excess of 50 percent of its replacement value as determined by the appropriate Building Official. The following standards shall apply:

- (a) Walkovers are required at all new public access points and adjacent to all new multi-family dwelling structures, hotel or motel complexes, and other commercial establishments which allow ingress and egress to the beach and lack access to existing walkover structures or ramps.
- (b) Walkovers shall be constructed in a manner that minimizes short-term disturbances to the dune system and existing vegetation. Walkovers for public access, multi-family and commercial properties shall be posted by the owner with signs containing information including the laws concerning

prohibition of disturbing sea turtle nests, prohibitions against disturbing state protected vegetation and dunes, the dates of the sea turtle nesting season (May 1—October 31), the effective dates of applicable lighting restrictions, and referencing the sea turtle ordinance [division 12 of this article]. Signs shall be aesthetically pleasing and no larger than 2.25 square feet.

- (c) Replacement of any vegetation destroyed during construction of the walkover with native coastal vegetation suitable for beach and dune stabilization is required. A replanting plan consistent with Section 72-1057(b) must be approved by the EMD.
- (d) Walkovers constructed over vegetated dunes or over vegetated beach berms shall be elevated above the existing vegetation and dune system. The eastern end of the walkover must be within the conservation zone or no more than ten feet from the existing toe of dune or line of permanent vegetation. Walkovers should be no more than six feet in width.
- (e) All walkovers shall be designed to protect the conservation zone, natural areas, and beach habitat from construction impacts and long-term pedestrian impacts.
- (f) Walkovers shall be constructed in accordance with FDEP regulations, which mandate the preservation and restoration of the associated dune system.

(Ord. No. 2021-13, § III, 6-22-21)

Sec. 72-1056. Standards for armoring projects.

- (a) Coastal armoring shall conform to FDEP's coastal armoring policy in addition to the following criteria:
 - (1) All new and reconstructed armoring projects and emergency repairs must be permitted through the appropriate state and local agencies, and shall comply with this division.
 - (2) All coastal armoring permits will be reviewed by the EMD for consistency with the Volusia County Sea Turtle Habitat Conservation Plan (HCP), Incidental Take Permit (ITP), and division 12 of this article.
 - (3) All new and reconstructed armoring structures must be buried with an artificial dune at least four feet above the existing grade, at a slope no greater than three to one, and planted with the appropriate native coastal vegetation.
 - (4) All new and reconstructed dune systems shall be maintained by the property owner as long as the armoring structure is in place.
 - (5) The EMD may also allow for, but is not limited to, consideration of the following factors in determining the feasibility of armoring projects: (A) whether a non-armored project affords similar protections of an armored project, (B) impacts of historical accretion of sand along the beach and dune system, (C) historical tidal influence data, and (D) existing natural dune locations. However, in making a feasibility determination, the EMD will not consider cost, obstruction of view, or ease of access as determinative infeasibility factors.
 - (6) Remuneration in lieu of dune restoration. After consideration of the permissible factors contained in this section, 72-1056(a)(5) above, for determining feasibility of a project, if it is determined by the EMD that the artificial dune restoration requirement is not feasible at the project location due to existing beach conditions, the following applies:
 - a. The applicant conducting the dune restoration activity shall, in lieu of actual dune creation, pay a replacement contribution into the Volusia County Dune Restoration Trust Account.
 - b. The replacement contribution will be determined using an engineer's cost estimate of the total cost of the required dune restoration, including placement of sand and native coastal vegetation material and installation costs.

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(Supp. No. 106, Update 1)

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- (b) Seawall construction in the county shall be consistent with FDEP's rules and regulations and shall be of a low-profile design. In addition, all new seawalls shall be designed and constructed to minimize adverse impacts to adjacent properties.
 - (c) All water discharge onto the beach or beach approaches, except as previously permitted, is prohibited. This includes stormwater outfalls, pool draining pipes and all other types of water discharge onto the beach.
 - (d) New seawalls must be placed at the current line of erosion or in line with adjacent coastal construction, whichever is furthest west.
 - (e) It shall be a violation of this ordinance for a property owner to allow a seawall or armoring to be in such disrepair that it is buckling, in danger of collapse, or causes imminent danger to the public on the beach, as determined by the county engineer.

(Ord. No. 2021-13, § III, 6-22-21)

Sec. 72-1057. Standards for dune restoration or sand placement projects.

- (a) Each dune restoration project shall be constructed with habitat compatible materials, such as compatible beach sand and plants native to the region and as authorized by FDEP. A dune restoration project will be required in conjunction with the replacement or reconstruction of any seawalls within the county. The threshold of reconstruction requiring a permit will be based on substantial damage as defined in Article 1.
- (b) All associated planting plans must show plant spacing acceptable for the size of the proposed plants and in accordance with county approved planting guidelines, and all sand placed adjacent to the project shall be planted.
- (c) Any beach-compatible sand extracted from construction sites on the Volusia County barrier island shall not be removed from the barrier island. Provided appropriate locations are available, excess sand from construction sites adjacent to the beach shall be used solely for dune and beach reconstruction with a valid FDEP permit.
- (d) The Volusia County EMD shall determine the compatibility of the sand, including the acceptable degree of debris, based on FDEP standards.
- (e) Compatible sand which is to be used for dune and beach reconstruction or renourishment may be stockpiled at the discretion and location designated by the EMD, and must be utilized on the beach.

(Ord. No. 2021-13, § III, 6-22-21)

Sec. 72-1058. Restoration and cleanup.

- (a) *Liability for damage.* The permittee shall be liable for all damage, injury or loss to persons or property of any character arising from, or resulting from, any act of commission, omission, neglect or misconduct in the performance of work by the permittee, his/her employees or agents. The permittee shall be further liable for all damage, injury or loss to persons or property arising from, or as a result of, defective work or materials.
- (b) *Area outside permitted work area.* Where any work disturbs the area outside the permitted work area, including at the beach access points, the permittee shall ensure that the area is completely restored in a manner acceptable to the county. Dune sand or vegetation that is removed or destroyed shall be replaced by the permittee at his/her expense with equal types and sizes. The county may issue a stop work order to minimize further damage.
- (c) *Debris and waste removal.* The permittee shall ensure that project site cleanup and property restoration follows construction/installation operations without delay. In order to maintain an acceptable site, debris

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(Supp. No. 106, Update 1)

and waste material shall be removed from the site daily. Site maintenance, along with ongoing cleanup and final property restoration, shall be subject to the direction and approval of the Environmental Management Director.

- (d) *Additional requirements.* Prior to issuance of a permit, the applicant shall provide a one-year performance guarantee at 115 percent of the project cost as estimated by the applicant's professional engineer or architect and verified by the EMD or LDM as appropriate. Such guarantee shall be in the form of one or more of the following: Certified check; cash deposited in an escrow account; a first mortgage on his/her property; letter of credit; or such other guarantee approved by the county attorney. EMD may waive this requirement in the event of major damage caused by a natural disaster.

(Ord. No. 2021-13, § III, 6-22-21)

Sec. 72-1059. Dune restoration trust account.

- (a) *Establishment.* A Volusia County Dune Restoration Trust Account is hereby established as a depository for dune restoration fees and monies.
- (b) *Dispersal of assets.* The funds in said account shall be expended, utilized and disbursed for the placement of sand, creation of dunes, planting of native dune vegetation, or to cover any other ancillary costs including, but not limited, to items or materials necessary and proper for the preservation, maintenance, relocation or restoration of dune ecosystems on any public land within Volusia County. These monies may also be utilized to engage support elements such as landscape architects and additional personnel, following established county procedures.
- (c) All monies deposited for use as specified in Section 72-1056(a)(5) of this article, shall be deposited in trust, in a separate accounting unit established and maintained apart from the general revenue funds and accounts of Volusia County.

(Ord. No. 2021-13, § III, 6-22-21)

Sec. 72-1060. Appeals.

The applicant may appeal a determination of the EMD to the Development Review Committee (DRC), in writing, within 30 days of said determination. The DRC may uphold, modify or reverse the determination of the EMD.

(Ord. No. 2021-13, § III, 6-22-21)

Sec. 72-1061. Jurisdiction.

This division shall apply to the beach and beach approaches, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances, whether located in incorporated area or unincorporated area of Volusia County. The County will notify a municipality of receipt of a permit application herein of a project within an incorporated area.

(Ord. No. 2021-13, § III, 6-22-21)

Secs. 72-1062—72-1095. Reserved.



County Council of Volusia County, Florida

June 22, 2021
Call to Order: 9:30 a.m.

MINUTES

The Frank T. Bruno, Jr. County Council Chambers, Room 204
Thomas C. Kelly Administration Center
123 West Indiana Avenue, DeLand, FL 32720

COUNCIL MEMBERS:

Jeffrey S. Brower, County Chair
Ben F. Johnson, At-Large
Barbara E. Girtman, District 1
Billie Wheeler, Vice Chair/District 2
Danny Robins, District 3
Heather Post, District 4
Dr. Fred Lowry, District 5

STAFF:

George Recktenwald, County Manager
Michael G. Dyer, County Attorney

CALL TO ORDER 9:30 a.m.

The Frank T. Bruno, Jr. County Council Chambers, Room 204, Thomas C. Kelly Administration Center, 123 West Indiana Avenue, DeLand, Volusia County, Florida.

INVOCATION

By: Pastor Kathy Rickey, Unitarian Universalist Congregation of Ormond Beach

PLEDGE OF ALLEGIANCE

Led by the county chair.

ROLL CALL

All Council Members were present.

PUBLIC PARTICIPATION

Suzanne Scheiber	Jewel Dickinson	Steve Tonjes
Russ Owen	Cynthia Slater	John J. Nicholson
Rebecca Chaffee	Sherrise Boyd	Phyllis Stauffenber
Paul Richardson	Domenick DiPetro	
Dr. Ronald Durham	Dr. Victor Gooden	

Chair Brower stated Item 03 would be heard before the Consent Agenda due to individuals needing to return to work.

Mike Dyer, County Attorney, addressed the Council and requested to amend the agenda to add an Emergency Item #26 in regards the Purdue Pharmacy litigation and needing the



County Council of Volusia County, Florida

June 22, 2021

Call to Order: 9:30 a.m.

MINUTES

direction of the Council on how to proceed. Council Member Wheeler made the motion to add Item #26 to the agenda. Council Member Girtman seconded the motion. Motion was APPROVED 6-0. Council Member Robins was absent at time of the vote.

PRESENTATIONS

Item 03

FILE NUMBER 8940

Proclamations to be presented inside County Council Chambers.

- Lynn W. Thompson Day - June 22, 2021.

Kevin Captain, Community Information Director, announced to the Council that it was Lynn W. Thompson Day. Chair Brower read the Proclamation for Lynn W. Thompson Day. Mr. Thompson made remarks, and thanked the Council and those in attendance for the recognition.

Item 03-A (No Agenda Item)

Dr. Mary McLeod Bethune statuary presentation.

Ms. Wheeler introduced Bob Loy, who oversees the Dr. Mary McLeod Bethune statuary committee and fund. Mr. Loy gave an overview of how the project came to be. He stated there are two statues representing Florida. The State of Florida selected Dr. Mary McLeod Bethune, who is the first African American and first woman to represent a state. Both statues are complete.

Ms. Wheeler asked that the Council approve to co-host the event. Bethune Cookman University and Daytona State College are co-hosting. There is no cost to the county for co-hosting this event. The consensus of Council was to co-host the event.

Item 01 consent agenda

Council Member Lowry moved for APPROVAL as recommended therein. Council Member Wheeler seconded the motion, the motion CARRIED 7-0.

COMMENTS ON CONSENT ITEMS

Council Member Post requested discussion on Item JJ. Ms. Post's request was for informational purposes only so the public would have a better understanding. George Recktenwald, County Manager and John Anguilli, Public Works Director, both provided a detailed explanation for Item JJ regarding the renewal of local option fuel tax interlocal agreement with the local municipalities.



County Council of Volusia County, Florida

June 22, 2021
Call to Order: 9:30 a.m.

MINUTES

PULL CONSENT AGENDA ITEMS

None

AVIATION AND ECONOMIC RESOURCES

Airport Services

A.

FILE NUMBER 8905

Authorization for the County Chair to execute the FAA Grant Agreement AIP#3-12-0017-084-2021 Innovative Financing.

Revenue: \$2,835,820

B.

FILE NUMBER 8863

Approval of agreement to Allen Enterprises, Inc., Orlando, FL, for specialized electrical parts for Daytona Beach International Airport, 21-B-56MC.

Estimated annual expenditure: \$100,000

C.

FILE NUMBER 8870

Contract Amendment No.1 with Faber, Coe, & Gregg of Florida for News and Gift concession at Daytona Beach International Airport.

Reduction in revenue: \$27,829

D.

FILE NUMBER 8868

Contract Amendment No.2 with Faber, Coe, & Gregg of Florida for Food and Beverage concession at the Daytona Beach International Airport.

Reduction in Revenue: \$61,587

Economic Development

E.

FILE NUMBER 8928

Board Membership for CareerSource Flagler/Volusia



County Council of Volusia County, Florida

June 22, 2021
Call to Order: 9:30 a.m.

MINUTES

F.

FILE NUMBER 8930

Acknowledgement of the Mandatory Partner Infrastructure Agreements for CareerSource Flagler Volusia.

G.

FILE NUMBER 8901

Sixth Amendment to the Agreement with the University of Central Florida Research Foundation, Inc. (UCF) regarding the business incubator at the Daytona Beach International Airport.

Expenditure: \$100,000

BUSINESS SERVICES

Facility Management

H.

FILE NUMBER 8867

Approval of agreement to Electronic Access Specialists, Inc. d/b/a Southern Lock & Supply Co., for locks and accessories, 21-B-55MC.

Estimated annual expenditure: \$150,000

I.

FILE NUMBER 8883

Agreement with Control Systems Specialists, Inc. for Alerton energy management and control systems.

Estimated annual expenditure: \$40,000

COMMUNITY SERVICES

Community Assistance

J.

FILE NUMBER 8879

Budget Resolution – Emergency Home Energy Assistance for the Elderly Program contract with ElderSource.

Revenue: \$144,045



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MINUTES

This Item was approved at the time the CONSENT AGENDA was approved. Budget Resolution No. 2021-84, entitled as follows and on file in its entirety with the records of the County Council, was duly ADOPTED.

BUDGET RESOLUTION 2021-84

RESOLUTION OF THE COUNTY COUNCIL OF VOLUSIA COUNTY,
FLORIDA, AMENDING THE FISCAL YEAR 2020-21 BUDGET,
CHANGING THE ESTIMATED TOTAL REVENUES, SURPLUS AND
EXPENDITURES AND PROVIDING AN EFFECTIVE DATE

K.

FILE NUMBER 8890

Time extension request for ECHO Project 18-02 City of DeLand, Sperling Sports Complex Expansion.

L.

FILE NUMBER 8893

Award recommendations for uncommitted CARES Act Emergency Solutions Grant COVID-19 (ESG-CV) funds.

Expenditure: \$41,997[from grant funds]

M.

FILE NUMBER 8869

Community Development Block Grant (CDBG) consolidated plan amendment for the City of DeBary.

Amendment: \$62,225

N.

FILE NUMBER 8895

Request to rescind ECHO Grant 19-06 Restoration & Stabilization of the Old Fort Wall at Old Fort Park by the City of New Smyrna Beach.



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MINUTES

O.

FILE NUMBER 8896

Request to rescind ECHO Grant 17-05 AdventHealth Fish Memorial Foundation, Florida Hospital Community Garden by AdventHealth Fish Memorial.

P.

FILE NUMBER 8897

Time Extension Request for ECHO Project 18-11 Volusia/Flagler Family YMCA, Ormond Beach YMCA Community Aquatic:

Votran

Q.

FILE NUMBER 8838

Contract task assignment No.3 to Tindale Oliver for Evaluation of Existing and Planned Technology, 20-SQ-125JD, PC2922.

Expenditure: \$90,851 [80% from grant funds]

R.

FILE NUMBER 8888

Award of agreement to Stewart Stevenson FDDA LLC for purchase of hybrid energy storage systems (hybrid bus batteries), 21-B-117LS.

Expenditure: \$399,756 [80% from grant funds]

S.

FILE NUMBER 8643

Award of Agreement with Cook, Hammond, and Kell, Inc. d/b/a CHK America for design services for route maps and schedules, 21-P07BB.

Expenditure: \$109,375

T.

FILE NUMBER 8845

Renewal of agreements with A. A. Casey Co. of Daytona Beach, Daytona Beach; Daytona Bolt & Nut, Daytona Beach; Fastenal Company; and Northgate Limited Inc., for hardware, 18-B-69VB.

Estimated annual expenditure: \$525,000



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MINUTES

U.

FILE NUMBER 8858

Florida Department of Transportation public transportation grant agreement for replacement of 18 fareboxes.

Revenue \$390,132

FINANCE

Office of CFO

V.

FILE NUMBER 8875

Budget Resolutions – Transferring Elections grant funds per Amendment 10.

County amendment amount: \$199,865; Supervisor of Elections amendment amount: \$245,129

This Item was approved at the time the CONSENT AGENDA was approved.

Budget Resolution No. 2021-85, entitled as follows and on file in its entirety with the records of the County Council, was duly ADOPTED

BUDGET RESOLUTION NO. 2021-85

RESOLUTION OF THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, AMENDING THE FISCAL YEAR 2020- 21 BUDGET, CHANGING THE ESTIMATED TOTAL REVENUES, SURPLUS AND EXPENDITURES AND PROVIDING AN EFFECTIVE DATE.

This Item was approved at the time the CONSENT AGENDA was approved.

Budget Resolution No. 2021-86, entitled as follows and on file in its entirety with the records of the County Council, was duly ADOPTED



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BUDGET RESOLUTION NO. 2021-86

RESOLUTION OF THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, AMENDING THE FISCAL YEAR 2020- 21 BUDGET, CHANGING THE ESTIMATED TOTAL REVENUES, SURPLUS AND EXPENDITURES AND PROVIDING AN EFFECTIVE DATE.

W.

FILE NUMBER 8815

Award of contracts to Cross Construction, Inc.; Cross Environmental Services, Inc.; Down to Earth Trucking Inc.; and GEL, LLC for Demolition Services, 21-SQ-85LL.

Environmental Management

X.

FILE NUMBER 8925

Letters requesting support from the federal legislative delegation related to funding for sea turtle stranding and response.

Planning and Development Services

Y.

FILE NUMBER 8872

Final Plat for Halifax Plantation Unit II, Section M-2-B, residential subdivision containing 69 single family lots.

LEADERSHIP

Community Information

Z.

FILE NUMBER 8914

Proclamations to be presented outside county council chambers

- Pastor Larry Edwards Day – June 6, 2021

Leadership

AA.

FILE NUMBER 8923

Minutes of the April 6, 2021 county council meeting.



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MINUTES

Human Resources

BB.

FILE NUMBER 8874

Settlement of Liability Claim of Christina Gibson-Phillips v. County of Volusia, Case No.:2019-30758-CICI.

Settlement amount: \$125,000

LEGAL DEPARTMENT

Legal

CC.

FILE NUMBER 8910

Resolution authorizing acquisition by eminent domain of one parcel for the expansion of Howland Boulevard in Deltona.

This Item was approved at the time the CONSENT AGENDA was approved. Budget Resolution No. 2021-87, entitled as follows and on file in its entirety with the records of the County Council, was duly ADOPTED.

RESOLUTION NO. 2021- 87

A RESOLUTION OF THE COUNTY COUNCIL OF THE COUNTY OF VOLUSIA, FLORIDA RELATING TO THE ACQUISITION OF RIGHT-OF-WAY, INCLUDING IMPROVEMENTS, AT THE CORNER OF HOWLAND BOULEVARD AND PROVIDENCE BOULEVARD, IN THE CITY OF DELTONA, AUTHORIZING THE NECESSARY ACQUISITION OF CERTAIN PROPERTY FOR THE RIGHT-OF-WAY IDENTIFIED AS PARCEL NUMBER 106, BY GIFT, PURCHASE OR CONDEMNATION, FOR THE PURPOSE OF ROAD WIDENING AND THE ADDITION OF DRIVING LANES, PAVING, CURBING, GUTTERS, SIDEWALKS, AND OTHER NECESSARY IMPROVEMENTS INCIDENT THERETO; DIRECTING THE OFFICE OF THE COUNTY ATTORNEY TO INSTITUTE CONDEMNATION PROCEEDINGS; AND PROVIDING AN EFFECTIVE DATE.



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MINUTES

OCEAN CENTER

Administration

DD.

FILE NUMBER 8876

Award of Agreement to Morrow Technologies Corporation for the Ocean Center digital signage; 19-P-95KT.

Expenditure: \$148,212

PUBLIC PROTECTION

Beach Safety

EE.

FILE NUMBER 8844

Approval of master services and purchasing agreement with Axon Enterprises, Inc. for officer body worn cameras.

Expenditure: \$83,087

Corrections

FF.

FILE NUMBER 8781

Renewal of agreements for janitorial supplies, 18-B-54VB.

Estimated annual expenditure: \$870,000

GG.

FILE NUMBER 8850

Memorandum of agreement with the health department continuation of HIV, AIDS, and STD reduction program.

Fire Services

HH.

FILE NUMBER 8885

Renewal of contract for the fire equipment parts, supplies, and service, Lake County ITB 17-0606.

Estimated annual expenditure: \$200,000



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MINUTES

II.

FILE NUMBER 8857

Renewal of agreements with D. H. Pace Door Services and B & H Door Group LLC d/b/a Overhead Door Co for maintenance, installation, and purchase of overhead doors, 17-B-96VB.

Estimated annual expenditure: \$120,000

PUBLIC WORKS

Administration

JJ.

FILE NUMBER 8847

Renewal of local option fuel tax interlocal agreement with the local municipalities.

KK.

FILE NUMBER 8873

Renewal of agreements with the Cintas Corporation No. 2 Daytona Beach and Plexus Marketing, Inc., DeLand for uniform rental and purchase, 17-P-52RF

Estimated annual expenditure: \$300,000

Engineering

LL.

FILE NUMBER 8898

Right of Way Agreement for the Madeline Avenue extension with Masroc Land, LP in the Daytona Beach Area.

MM.

FILE NUMBER 8841

Contract task assignment to Zev Cohen and Associates, Inc., for the design of the extension of Beresford Avenue from Blue Lake Ave to Dr. Martin Luther King Jr. Blwy., 17-SQ-151JD, PC2911, TA 45.

Expenditure: \$172,396



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MINUTES

NN.

FILE NUMBER 8860

Termination of Locally Funded Agreement with the Florida Department of Transportation for the SR 44 and Kepler Road intersection roundabout conversion project and return of unused funds.

Revenue: \$2,467,217

This Item was approved at the time the CONSENT AGENDA was approved. Resolution No. 2021-118, entitled as follows and on file in its entirety with the records of the County Council, was duly ADOPTED.

RESOLUTION 2021-118

A RESOLUTION OF THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, AUTHORIZING THE COUNTY CHAIR TO SIGN FOR THE TERMINATION OF A LOCALLY FUNDED AGREEMENT PREVIOUSLY ENTERED INTO WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION FOR RIGHT OF WAY ACQUISITION FOR STATE ROAD 44 AT KEPLER ROAD INTERSECTION IMPROVEMENTS IN VOLUSIA COUNTY, FLORIDA.

OO.

FILE NUMBER 8861

Resolution – Off System Construction and Maintenance Agreement with the Florida Department of Transportation for the intersection improvements at Kepler Road and SR-44.

This Item was approved at the time the CONSENT AGENDA was approved. Resolution No. 2021-88, entitled as follows and on file in its entirety with the records of the County Council, was duly ADOPTED.

RESOLUTION 2021-88

A RESOLUTION OF THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, AUTHORIZING THE COUNTY CHAIR TO SIGN AN OFF SYSTEM CONSTRUCTION AND MAINTENANCE AGREEMENT WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION FOR



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CONSTRUCTION AND CONSTRUCTION ENGINEERING INSPECTION
SERVICES FOR CONSTRUCTION OF STATE ROAD 44/EAST NEW
YORK AVENUE AND KEPLER ROAD INTERSECTION IMPROVEMENTS
(ROUNDBOUT) PROJECT IN VOLUSIA COUNTY, FLORIDA.

MOSQUITO CONTROL

PP.

FILE NUMBER 8859

Renewal of agreements with the ADAPCO; Clarke Mosquito Control Chemicals; and Rentokil d/b/a Target Specialty Products, for mosquito control chemicals.

Expenditure: \$550,000

Water Resources and Utilities

QQ.

FILE NUMBER 8886

Renewal of Agreement with the Shelley's Environmental Systems for Wastewater Residuals Management, ITB-UT-18-24.

Estimated annual expenditure: \$180,000

--END CONSENT AGENDA--

PRESENTATIONS / AWARDS / REPORTS / PROCLAMATIONS / RETIREMENTS, etc.
(May be heard anytime throughout County Council as time permits)

CONFIRMATIONS

Item 02

FILE NUMBER 8911

Confirmation of appointment of Mr. Cyrus Callum to the position of Department Director, Aviation and Economic Resources.

Kevin Captain, Community Information Director, introduced the confirmation appointment of Mr. Cyrus Callum to the position of Department Director, Aviation and Economic Resources. George Recktenwald, County Manager, provided history and background information of Mr. Callum's career and experience. Mr. Callum provided words of gratitude



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and thanks for the opportunity to provide service to Volusia County citizens. Photos with Council ensued.

Council Member Wheeler made the motion to APPROVE. Council Member Post seconded the motion. The motion CARRIED 7-0.

PRESENTATIONS

Item 04

FILE NUMBER 8932

Discussion to allow dogs on the beach. See supplemental document for revised Power Point for the discussion to allow dogs on the beach.

Deputy County Manager, Suzanne Konchan provided the staff report with an overhead Power Point presentation. She led the presentation with other staff present to assist with questions regarding this item. The beach code (Section 113) prohibits dogs on the beach. Ms. Konchan provided four alternative options to allow dogs on the beach. Joseph Pozzo, Public Protection Director, provided information regarding the subject of dogs on the beach. Andrew Ethridge, Beach Safety Director, discussed with Council the challenges Beach Safety would be tasked with if dogs were permitted on the beach and gave a couple of recent cases as an example.

Public Participation

Paula Flug

John J. Nicholson

Jim Riecks

Nanette McKeel Petrella

Margaret Riecks

William Muller

Shirley Keesling

Allison Thero

James Deam

Kathy Pugh

Chair Brower closed public comment.

Council Member Wheeler asked why north of Bicentennial Park wasn't looked at as an option. Ms. Konchan stated there was a state park in that area where dogs are prohibited. There are also residential neighborhoods in this area. Chief Ethridge spoke about enforcement of laws for dogs. He stated they would need to do more accounting of dogs on the beach. There would have to be amendments to ordinances.



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Council Members shared some of the options that they would consider. Council Members spoke about the emails received against dogs on the beach. Council Members also spoke about additional costs for staff and materials that would be needed if dogs were allowed on the beach.

Chair Brower would like a trial period for the University to Zelda area. Chair Brower proposed a dog beach license of \$20.00.

Council Member Johnson made a motion to not take action at this time and to keep current beach ordinances in place. Council Member Robins seconded the motion. After the roll call vote, the motion CARRIED 5 – 1, with Chair Brower OPPOSED. Council Member Lowry absent for vote.

Item 05

FILE NUMBER 8912

Presentation by Halifax Health regarding its request for medical services lien ordinance.

Kelly Parsons, General Counsel for Halifax Health and Jillian Williock, Deputy General Counsel for Halifax Health, presented to Council and provided a Power Point presentation. Ms. Williock stated a lien for this purpose was to have a legal claim placed on a future payment or settlement in a third party recovery. Ms. Williock explained that this type of lien would not attach to the person or their property; it would affect the future settlements or judgments related to the incident that required medical treatment.

Council Members had discussion and Ms. Parson and Ms. Williock answered members' questions.

Council Member Girtman made the motion for Halifax Health General Counsel and County Staff to draft a proposal for an ordinance. Council Member Wheeler seconded the motion. Motion CARRIED 6-0. Council Member Lowry was absent for the vote.

Chair Brower called a recess for lunch at 12:55pm.

Chair Brower reconvened the meeting at 1:59pm.



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MINUTES

PUBLIC HEARINGS
NO SOONER THAN 10:30AM

Removed from agenda

Item 06

FILE NUMBER 8862

~~Resolution – Proposed vacation of a portion of the Plat of Volusia Highlands, Map Book 6, Page 251 in Orange City area.~~

~~Tadd Kasbeer (386) 736-5967 x15846~~

Item 07

FILE NUMBER 8866

Resolution – Proposed vacation of a portion of the Plat of the 2nd Addition to Yourlando in the Pines, Map Book 10, Page 214 in the Lake Helen/Cassadaga area.

Tadd Kasbeer, County Engineer, presented to Council the reason for request of vacation of the Matanza Street right-of-way.

Council Member Wheeler moved for APPROVAL as recommended. Council Member Robins seconded the motion, and the motion CARRIED 7-0. Resolution No.2021-89, entitled as follows and on file in its entirety with the records of the Volusia County Council, was duly ADOPTED 7-0. Council Member Lowry participated virtually (virtual attendance for Dr. Lowry at the June 22, 2021 meeting was approved at a previous meeting).

RESOLUTION 2021 –89

A RESOLUTION OF THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, VACATING A PORTION OF THE PLAT OF 2ND ADDITION TO YOURLANDO IN THE PINES RECORDED IN THE OFFICIAL RECORDS OF VOLUSIA COUNTY, FLORIDA, IN MAP BOOK 10, PAGE 214; PROVIDING AN EFFECTIVE DATE.

Item 08

FILE NUMBER 8806

Ordinance 2021-2, adoption hearing for amendment to Chapter 2 Transportation Element of the Volusia County Comprehensive Plan, case CPA-20-003.



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Clay Ervin, Growth Resource Management Director, presented to Council on the Ordinance. Mr. Ervin stated this is a Public Hearing for the second and final reading for the amendments made to the Comprehensive Plan Transportation Element. Mr. Ervin advised that the Council reviewed this in March of 2021 for the transmittal to the Florida Department of Economic Opportunity and to the Volusia Growth Management Commission.

PUBLIC PARTICIPATION

Chair Brower closed the public hearing due to not having any public speakers on this item.

Council Member Wheeler made the motion to ADOPT. Seconded by Council Member Robins. Motion to adopt CARRIED 7 – 0. Council Member Lowry voted virtually.

ORDINANCE 2021-2

AN ORDINANCE OF THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, AMENDING THE VOLUSIA COUNTY COMPREHENSIVE PLAN ADOPTED BY ORDINANCE 90-10, AS PREVIOUSLY AMENDED; AMENDING THE TRANSPORTATION ELEMENT; AMENDING OBJECTIVE 2.1.3 ACQUISITION, PRESERVATION, AND PROTECTION OF EXISTING AND FUTURE THOROUGHFARE ROAD SYSTEM RIGHTS OF WAY BY CREATING POLICIES TO BETTER DEFINE PRIORITIZATION OF THE THOROUGHFARE NETWORK; AMENDING POLICY 2.3.3.2 TO RECOGNIZE AN ADDITIONAL SCENIC HIGHWAY; AMENDING THE TRANSPORTATION ELEMENT MAP SERIES; AMENDING APPENDIX 1, REFERENCE - CHAPTER 2 TRANSPORTATION ELEMENT, RELATING TO THE TRANSPORTATION ELEMENT MAP SERIES; AUTHORIZING INCLUSION IN THE VOLUSIA COUNTY COMPREHENSIVE PLAN; BY PROVIDING FOR SEVERABILITY; AND BY PROVIDING AN EFFECTIVE DATE.

Item 09

FILE NUMBER 8812

Ordinance 2021-13, adoption hearing amending Chapter 72, Division 15, and Chapter 50, Division 9, regarding Beaches and Dunes, case O-21-060.

Clay Ervin, Growth and Resource Management Director, presented to Council on Ordinance. Mr. Ervin stated staff met with the City of Daytona Beach and discussed their



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concerns. Mr. Ervin gave an overview of the past ordinance and the need for the adoption of the amendments. He stated they have also met with Ponce Inlet.

PUBLIC PARTICIPATION

Kelly McGee, representative of the Riverside Conservancy submitted via email their support of this Ordinance.

Council Member Wheeler made the motion to ADOPT. Seconded by Council Member Johnson. Motion to adopt CARRIED 7 – 0. Council Member Lowry voted virtually.

ORDINANCE 2021-13

AN ORDINANCE OF THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, AMENDING THE CODE OF ORDINANCES OF THE COUNTY OF VOLUSIA, BY AMENDING CHAPTER 50, SECTION 50-71 DEFINITIONS; BY ADDING SUBSTANTIAL DAMAGE DEFINITION; BY REPEALING AND REPLACING DIVISION 9, ENVIRONMENTAL STANDARDS FOR BEACH AND DUNE PROTECTION, ARTICLE III MINIMUM STANDARDS FOR ENVIRONMENTAL PROTECTION, CHAPTER 50 ENVIRONMENT AND REPEALING AND REPLACING DIVISION 15, ENVIRONMENTAL STANDARDS FOR BEACH AND DUNE PROTECTION, ARTICLE III LAND DEVELOPMENT REGULATIONS, CHAPTER 72 LAND PLANNING; BY PROVIDING FOR EXEMPT ACTIVITIES; BY PROVIDING FOR PERMITTING AND PERMIT ISSUANCE STANDARDS; BY PROVIDING FOR BEACH AND DUNE WALKOVER STANDARDS; BY PROVIDING FOR ARMORING PROJECT STANDARDS; BY PROVIDING FOR DUNE RESTORATION AND SAND PLACEMENT; BY PROVIDING FOR RESTORATION AND CLEANUP; BY PROVIDING FOR A DUNE RESTORATION TRUST ACCOUNT; PROVIDING FOR INCLUSION IN THE CODE OF ORDINANCES; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTING ORDINANCES; AND PROVIDING FOR AN EFFECTIVE DATE.

Item 10

FILE NUMBER 8808

Resolution 2021-90, adoption hearing amending Resolution 2021-18 Planning & Development Services Fee Schedule, establishing a beaches and dunes protection permit review fee, inspection fee, and late fee, case O-21-060.



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Clay Ervin, Growth and Resource Management Director, presented to Council the amending of Resolution 2021-18 is related to Ordinance 2021-13 that was approved by Council on Item 9.

PUBLIC PARTICIPATION

No Public Comments

Motion to ADOPT by Council Member Wheeler. Seconded by Council Member Girtman. Motion to adopt CARRIED 7 – 0. Council Member Lowry voted virtually. Resolution No. 2021-90, entitled as follows and on file in its entirety with the records of the Volusia County Council, was duly ADOPTED 7-0.

RESOLUTION 2021- 90

A RESOLUTION OF THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA ADOPTING A REVISED FEE SCHEDULE AS AUTHORIZED BY CHAPTER 72, LAND PLANNING, ARTICLE II ZONING, DIVISION 9, ADMINISTRATION AND VIOLATIONS, SECTION 72- 341(g) ADMINISTRATION, FEE SCHEDULES; CHAPTER 21 OF ORDINANCE 2008-23, THE VOLUSIA COUNTY COMPREHENSIVE PLAN; AND ARTICLE III LAND DEVELOPMENT REGULATIONS, DIVISION 1, GENERAL PROVISIONS, SECTION 72-500(f) FEE REQUIREMENTS; ESTABLISHING BEACH AND DUNE PROTECTION REVIEW AND PERMIT APPLICATION FEES; REPEALING AND REPLACING RESOLUTION 2021-18 AND PROVIDING AN EFFECTIVE DATE.

OTHER BUSINESS

Item 11

FILE NUMBER 8865

Contract with Midcoast Construction Enterprises, LLC, for the Knox Bridge Submarine Cable replacement, 21-B-101SR, C1779
Expenditure: \$1,621, 970

Benjamin Bartlett, Road and Bridge Director, presented to Council and gave an overview of the contract.



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PUBLIC PARTICIPATION

No public comment

Council Member Post made a motion to APPROVE. Council Member Johnson seconded motion. Motion CARRIED 7-0. Council Member Lowry voted virtually.

Item 12

FILE NUMBER 8851

Renewal of agreements with the Bound Tree Medical, LLC, Henry Schein, Inc.; QuadMed: IGM Medical Technology Group; and POSS, LLC for medical supplies, ITB 18-B-43AK.
Expenditure: \$1,252,000

Joseph Pozzo, Public Protection Director, presented to Council on the renewal of agreements.

PUBLIC PARTICIPATION

No public comment

Council Member Post moved for APPROVAL. Council Member Girtman seconded the motion. The motion CARRIED 7-0. Council Member Lowry voted virtually.

Item 13

FILE NUMBER 8887

Amendment to agreement with Aramark Correctional Services, LLC for inmate food services, 14-P-103PW.
Estimated expenditure: \$1,092,000

Joseph Pozzo, Public Protection Director, explained to Council as to the need for amendment to the agreement with Aramark Correctional Services, LLC.

PUBLIC PARTICIPATION

No public comment

Council Member Girtman moved for APPROVAL of the Amendment agreement with Aramark Correctional Services, LLC. Council Member Post seconded the motion. The motion CARRIED 7-0. Council Member Lowry voted virtually.



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Item 14

FILE NUMBER 8878

Award contract with Communications International, Inc. for a P25 Compliant Radio System, Infrastructure, and Maintenance, 19-P-153JRD, and approval of associated expenditures. See supplemental document for budget resolution.

Expenditure: \$24,657,650.97

Tim Barrentine, Omnicom Consulting Group Inc. presented to council for the P25 Compliant Radio System, Infrastructure, and Maintenance. Mr. Barrentine reviewed the Voice Radio results. He explained the reasons why it was necessary for the system upgrade.

Ryan Ossowski, Chief Financial Officer, explained the budget/funds available to use for this contract. Mr. Ossowski stated this item has a Budget Resolution for its final piece.

Public Participation

No public comment

Council Member Post moved for APPROVAL of the contract with Communications International, Inc. Council Member Johnson seconded the motion. The motion CARRIED 7-0. Council Member Lowry voted virtually. Budget Resolution No. 2021-91, entitled as follows and on file in its entirety with the records of the Volusia County Council, was duly ADOPTED 7-0.

BUDGET RESOLUTION NO. 2021-91

RESOLUTION OF THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, AMENDING THE FISCAL YEAR 2020-21 BUDGET, CHANGING THE ESTIMATED TOTAL REVENUES, SURPLUS AND EXPENDITURES AND PROVIDING AN EFFECTIVE DATE.

Item 15

FILE NUMBER 8877

Contract task assignment and renewal of agreement to Omnicom Consulting Group, Inc. for consulting services to support the 800MHz Radio System Modernization project 17-SQ-29JRD

Ryan Ossowski, Chief Financial Officer, presented to Council. Mr. Ossowski gave an overview of the renewal of the agreement with Omnicom Consulting Group, Inc.



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Public Participation

No public comment

Council Member Post moved for APPROVAL. Council Member Girtman seconded the motion. The motion CARRIED 7-0.

Item 16

FILE NUMBER 8938

Property lease agreement for Lake Harney communications tower.

Expenditure: \$37,000

Ryan Ossowski, CFO, stated typically it was an item that could have gone on the Consent Agenda; however, since it was related to the previous items it needed to be together.

PUBLIC PARTICIPATION

No public comment.

Council Member Johnson moved for APPROVAL. Council Member Wheeler seconded the motion. The motion CARRIED 7-0. Council Member Lowry voted virtually.

Item 17

FILE NUMBER 8938

Adjust to reappointment process due to federal delay of Census data release.

Mike Dyer, County Attorney, presented to Council the overview of the Census data process, and informed Council of the issues in the delay by the federal government. Mr. Dyer stated there is a possibility the Federal government may not release the census data until September 30, 2021. Mr. Dyer presented a plan for the County and School Board to collaborate in the interim to be able to bring forth an ordinance to adopt at the December 14, 2021 Council meeting. Mr. Dyer stated Ms. Sabrina Slack, Assistant County Attorney, is very involved with this process, and was available to answer any questions by Council.

Mr. Dyer answered questions from Council on how the process would work and costs involved.

Council Member Girtman moved for APPROVAL. Council Member Wheeler seconded the motion. The motion CARRIED 7-0. Council Member Lowry voted virtually.



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MINUTES

Item 18

FILE NUMBER 8906

Sunrail Phase 2 North Construction – Loan Agreement.

Loan Amount: \$11,239,566

Ryan Ossowski, CFO presented to council on this item. Mr. Ossowski stated on April 20, 2021, Council authorized staff to apply for and proceed with Florida Department of Transportation on a State Infrastructure Bank loan agreement. Mr. Ossowski stated an application had been completed, and the parties agreed to the terms in the loan agreement. Mr. Ossowski stated in addition, the Florida Department of Transportation has agreed to hold the funds without bearing interest until they actually pay a vendor. By doing this, there will be a savings of \$200,000 to \$300,000. Mr. Ossowski informed Council, this is a term of 15 years and an interest rate of 1.75%. The first two years are interest only while construction is going on. After the anticipated completion date for construction of January 2024 the principal and interest payments begin October 1, 2024, over a 13 year period. That amount would be \$974,165, and would be adjusted by Florida Department of Transportation (FDOT) based on construction and timelines with payment of invoices to the vendor.

Public Participation:

None

Council Member Girtman moved for APPROVAL. Council Member Wheeler seconded the motion. The motion CARRIED 7-0. Council Member Lowry voted virtually.

Item 19

FILE NUMBER 8945

Coronavirus Local Fiscal Recovery Funds provided by the American Rescue Plan Act (ARPA).

Ryan Ossowski, CFO presented to Council on the American Rescue Plan Act (ARPA). Mr. Ossowski provided a Power Point presentation outlining the amount and how the funds may be utilized. Mr. Ossowski stated at next council, something would need to be presented because the report is due by August 31st and there are a lot of details that are needed in the report. Mr. Ossowski stated what would be presented would be based off the discussion/direction that occurred from this meeting. George Recktenwald, County Manager advised everyone to view the categories and allocations.



County Council of Volusia County, Florida

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Call to Order: 9:30 a.m.

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Council discussion ensued and the consensus was for the Revenue Loss Provisions. For the workshop Council wants to focus on the 27 million for the plan that is part of the Federal Government Report that is due on August 31, 2021. Mr. Ossowski and Mr. Recktenwald answered Council questions. There was not a vote on this item.

Mr. Ossowski stated the direction by Council is a workshop for Council to be scheduled to discuss the entire 107 million with the understanding the 80 million is more flexible spending because it is related to revenue loss.

Item 20

FILE NUMBER 8889

Library Fund, Municipal Services District Fund, ECHO Fund, Coronavirus Relief Transition Fund, and General Fund five year forecast for the fiscal years 2020-21 through 2024-25.

Aaron Van Kleek, Management & Budget Director, presented to Council the five year forecast for the Library Fund, Municipal Services, ECHO Fund, Coronavirus Relief Transition Fund, and General Fund. A Power Point presentation was provided. ECHO is set at 4.5 million grant approval. Mr. Van Kleek stated this was approved last ECHO meeting. MSDF had an increase for last fiscal year. Ryan Ossowski, Chief Financial Officer provided additional information during the presentation.

OTHER BUSINESS

Item 21

FILE NUMBER 8926

67th Extension of State of Local Emergency Related to Coronavirus Disease (COVID-19)

Mike Dyer, County Attorney, advised that this is the 67th Extension of State of Local Emergency related to Coronavirus Disease (COVID-19). Mr. Dyer informed Council the State's State of Emergency expires June 26, 2021. It is believed the state will not be extending it again.

Council Member Post moved for APPROVAL. Council Member Girtman seconded the motion. The motion CARRIED 6-0. Ms. Wheeler was absent from room at time of vote. Council Member Lowry voted virtually.



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Item 22

FILE NUMBER 8916

Kevin Captain, Community Information Director presented to Council. This is a sponsorship request from Kappa Alpha Psi Guideright Development Foundation of Florida, for their Virtual Scholarship Presentation. This is the first time Volusia County has been asked to sponsor the event which will be used to help graduating male seniors of Volusia County. **Sponsorship Amount: \$1,500**

Council Member Girtman moved for APPROVAL. Council Member Robins seconded the motion. The motion CARRIED 7-0. Council Member Lowry voted virtually.

Item 23

FILE NUMBER 8904

Kevin Captain, Community Information Director, presented to Council on the sponsorship request from Payit4ward for their 4th Annual Backpack Bash. This is the first time the county has been asked to sponsor this event.

Council Member Girtman moved for APPROVAL. Council Member Wheeler seconded the motion. The motion CARRIED 7-0. Council Member Lowry voted virtually.

Item 24

NO AGENDA ITEM

Community events update.

Kevin Captain, Community Information Director, gave an update on community events.

- Mosquito Control Awareness Week – June 21– 25
- Affordable Housing Initiative - The county is hosting webinars on July 2, 9, 16, 23 and 30. An Affordable Housing Summit scheduled on August 27, 2021, at the Ocean Center



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NOMINATIONS/APPOINTMENTS

Item 25

FILE NUMBER 8920

Appointments to Volusia Growth Management Commission

Karissa Green, Deputy County Clerk, stated there were three applicants and four positions open for the Growth Management Commission.

Council Member Wheeler NOMINATED Jack Surrette for APPOINTMENT to the board.
Council Member Girtman NOMINATED Dwight D. Lewis for APPOINTMENT to the board.
Council Member Robins NOMINATED Keegan Green for APPOINTMENT to the board.

Michael Dyer, County Attorney stated to Chair Brower for clarification that the three individuals nominated would be for the full term positions available, and the vacancy would be for the bridge gap vacancy. This was verified by the Chair that this was the case.

Council Member Wheeler moved for APPROVAL of the entire slate. Council Member Girtman seconded the motion. Motion CARRIED 7-0. Council Member Lowry voted virtually.

Item 26 Emergency Item

No File Number for this item

Purdue Opioid litigation update

Mike Dyer, County Attorney introduced Kevin Bledsoe, Assistant County Attorney to give an update to Council on the litigation with the Purdue Pharma. Mr. Bledsoe gave an overview of the Purdue Pharmaceutical bankruptcy case. Mr. Bledsoe stated that an APPROVAL from Council is needed in accepting the Purdue bankruptcy plan. This plan is believed to be in the sum of five billion dollars, with 300 million dollars coming to the State of Florida local and state government entities. This matter was noted as time sensitive.

Council Member Post made the motion to APPROVE. Council Member Girtman seconded the motion. Council Member Lowry voted virtual. Motion CARRIED 7-0.

Public Participation

John Nicholson



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DISCUSSION OF MATTERS NOT ON AGENDA / REQUESTS

County Manager

1. None.

County Attorney

1. Stated the Meeting Decorum proposal would be ready to present to Council at the next meeting, and asked Council if they would like for it to be added to the agenda. Chair Brower stated Council would like this to be added to the agenda for the next meeting.

Deputy County Manager

1. None.

Council Member Wheeler

1. Announced Halifax Hospital is opening a hospital in Daytona Beach Shores.
2. July Fourth of Parade City of Daytona Beach having a parade and would like to know if they can use the public parking at the Ocean Center for the parade participants.
3. Requested information on the crosswalk on the Peck Park.
Ms. Konchan, Deputy County Manager stated they have spoken with John Cheney and he is the point of contact, and that is the Department of Transportation roadway. She will ask for an update and for him to stay in contact of any future updates.
4. Showed video of Truck Weekend in Daytona Beach that showed the issues of unruly individuals. Ms. Wheeler stated that she has spoken with Deric Feacher, City of Daytona Beach City Manager regarding the issue. This video was also shown at the City of Daytona Commission meeting and is scheduled to be shown at the Daytona Beach Shores Commission meeting as well. Ms. Wheeler stated the event at the Speedway was controlled. The issues are with the incidents that occurred on beachside, and were driven by social media. Ms. Wheeler reported she has been contacted by the hospitality industry and citizens complaining of this event. She went on to compliment law enforcement and Beach Safety who did a wonderful job.

Council Member Girtman

1. Prayers to Dr. T. Wayne Bailey, who was reported as recently ill.
2. Follow up in Spring Hill with VCSO, Black Clergy and community leaders
3. Asked staff to work on a zoning change for a business in her district. Overlay district for zoning.



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4. Wants more ECHO projects for the Westside of the County. Looks forward to the upcoming workshop.
5. Had a good meeting with Department of Transportation and County Staff in regards to Highway 17.

Council Member Girtman made a motion for staff to develop an overlay district in underserved areas. Mr. Ervin clarified the request, noting that staff are already working on this from a previous request, and asked if staff should continue with the original direction received from Council on this matter. Staff has original direction to work on this specific matter. Council Member Robins seconded the motion. Motion passed 6-0. Council Member Wheeler was absent at time of vote. Council Member Lowry voted virtually.

Council Member Johnson

1. Made comments on Truck Week and how to be better prepared for such events. Mr. Johnson provided history of how similar events were successfully handled in the past by law enforcement.

Council Member Lowry

1. Appreciative of being able to attend virtually due to recovering from knee surgery.

Council Member Post

1. July 13 1:20p.m. ECHO and Volusia Forever workshop wanted to make the public aware of the time and location.
2. Met with the City of Daytona Beach City Manager. Ms. Post states Mr. Feacher had planned to start attending the Volusia County Elected Officials Roundtable Meetings.
3. Ormond Beach Library – Ormond Beach Mayor brought up at a recent meeting the possibility of the County not renewing the lease. Ms. Post would like to put out a statement that this is not the case for the public.
4. Happy July Fourth to everyone and remember the reason for the holiday.

Council Member Robins

1. Council Member Robins had questions regarding the policies and procedures for background checks for Advisory Boards and Committee Volunteers. Discussion ensued about having more stringent background screenings for individuals seeking appointment to Advisory Boards and Committees. The question was asked about the criminal background check portion of the application. Deputy Clerk, Karissa Green explained the process and the level of screening conducted. Council Member Post



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recommended that they review the boards and see which ones need what level of background checks. There was discussion that more stringent background checks were intrusive.

Chair Brower

1. Chair Brower met with City of Daytona Beach City Manager Deric Feacher. He states the meeting was positive and the Juneteenth Event was very well organized.
2. Chair Brower commented on the Truck Event. Chair Brower stated the events held at the Speedway were well organized. The problems occurred with those in other areas. The truck event needs to be unified with the city and county. We can't have a repeat of what happened this year.
3. Chair Brower requested for staff to put on the agenda for a future meeting regarding the approach at 16th Avenue New Smyrna Beach. Council Member Girtman supported Chair Brower's request. Council Member Robins had questions about a cost analysis being completed regarding this matter and how the County may be able to recoup some of its costs.

ADJOURNMENT

There being no further business, Chair Brower adjourned the meeting at 5:30 p.m.

APPROVED
COUNTY COUNCIL
VOLUSIA COUNTY, FLORIDA

BY _____
Jeffrey S. Brower, County Chair

ATTEST _____
George Recktenwald, County Manager

ORDINANCE 2021-13

AN ORDINANCE OF THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, AMENDING THE CODE OF ORDINANCES OF THE COUNTY OF VOLUSIA, BY AMENDING CHAPTER 50, SECTION 50-71 DEFINITIONS; BY ADDING SUBSTANTIAL DAMAGE DEFINITION; BY REPEALING AND REPLACING DIVISION 9, ENVIRONMENTAL STANDARDS FOR BEACH AND DUNE PROTECTION, ARTICLE III MINIMUM STANDARDS FOR ENVIRONMENTAL PROTECTION, CHAPTER 50 ENVIRONMENT AND REPEALING AND REPLACING DIVISION 15, ENVIRONMENTAL STANDARDS FOR BEACH AND DUNE PROTECTION, ARTICLE III LAND DEVELOPMENT REGULATIONS, CHAPTER 72 LAND PLANNING; BY PROVIDING FOR EXEMPT ACTIVITIES; BY PROVIDING FOR PERMITTING AND PERMIT ISSUANCE STANDARDS; BY PROVIDING FOR BEACH AND DUNE WALKOVER STANDARDS; BY PROVIDING FOR ARMORING PROJECT STANDARDS; BY PROVIDING FOR DUNE RESTORATION AND SAND PLACEMENT; BY PROVIDING FOR RESTORATION AND CLEANUP; BY PROVIDING FOR A DUNE RESTORATION TRUST ACCOUNT; PROVIDING FOR INCLUSION IN THE CODE OF ORDINANCES; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTING ORDINANCES; AND PROVIDING FOR AN EFFECTIVE DATE.

BE IT ORDAINED BY THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA,
AS FOLLOWS:

(Words in ~~strike-through~~ type are deletions; words in underscore type are additions.)

SECTION I: That Section 50, Environment, of the Code of Ordinances, County of Volusia, is amended as follows:

...

Section 50-71. Definitions.

The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning.

Words not defined in this section shall be construed to have the meaning given by common and ordinary use as defined by Webster's New World Dictionary, Second College Edition.

...

Substantial damage. Damage of any origin sustained by a structure as assessed by the property appraiser whereby the cost of restoring the structure to its before damaged condition would equal or exceed 50 percent of the structure before the damage occurred.

...

SECTION II: Division 9, Beaches and Dunes, Article III Minimum Standards For Environmental Protection, Chapter 50 Environment, Code of Ordinances, County of Volusia, is repealed in its entirety and replaced as follows:

DIVISION 9. –BEACHES AND DUNES

SECTION 50-341 – Purpose and intent.

It is the purpose of this regulation to provide certain minimum standards that promote restoration and preservation of the vital beach and dune system along the Atlantic coast of Volusia County, Florida. The intent is to regulate coastal construction activities that affect the beach and dune system and that may degrade its natural processes and functions. All such standards shall meet or be more restrictive than the Florida Department of Environmental Protection (FDEP) standards.

SECTION 50-342 – Jurisdiction.

This division shall apply to the beach and beach approaches, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances, whether located in incorporated area or unincorporated area of Volusia County. The County will notify a municipality of receipt of a permit application herein of a project within an incorporated area.

SECTION 50-343– Penalty.

Violations of this division are punishable as provided in section 1-7.

1 **SECTION 50-344 – Exemptions.**

2 Activities that are exempted from this division include:

- 3 a. Planting native coastal vegetation on property or lots abutting the Atlantic Ocean.
- 4 b. Removal of debris, unpermitted structures or non-functioning coastal armoring.
- 5 c. Mechanical beach cleaning, provided that it conforms to the standards contained in division
- 6 6 of this article, pertaining to sea turtle protection, if said activity is permitted by FDEP,
- 7 and does not enter the Conservation Zone or the Natural Beach Management Areas.
- 8 d. Any work performed by the United States Army Corps of Engineers (ACOE), the Florida
- 9 Inland Navigation District (FIND), the Florida Department of Transportation (FDOT), the
- 10 Florida Department of Environmental Protection (FDEP), or their designee.
- 11 e. Any maintenance, repair, replacement, improvement or construction activities performed
- 12 by the county on the beach or on or adjacent to any Volusia County beach approach, as
- 13 defined in Chapter 20, Beach Code, Volusia County Code of Ordinances.

14 **SECTION 50-345 – Reserved.**

15

16 **SECTION 50-346 – Enforcement.**

17 Volusia County Environmental Management Division shall administer the provisions of

18 this division countywide.

19 **SECTION 50-347 – Conservation zone.**

20 A conservation zone is established along the public driving portions of the Atlantic Ocean

21 beach of the county in accordance with the standards and requirements contained in the Volusia

22 County Sea Turtle Habitat Conservation Plan.

23 **SECTION 50-348 – Beach and dune permit.**

24 A permit shall be required for any excavation, erosion control activities, sand placement,

25 dune restoration, armoring, and maintenance, repair, replacement, improvement, or construction

26 activities related to any structure on the beach or beach approach, as defined in Chapter 20, Beach

27 Code, Volusia County Code of Ordinances. An application for a permit shall be submitted with

28 the required information contained in Section 72-1053 of the Code of Ordinances.

1 **SECTION 50-349 – Standards for permit issuance.**

2 In determining whether the project is permissible under the provisions of this article, the
3 Environmental Management Director (EMD) shall consider, but not be limited to, the following
4 criteria:

- 5 a) The necessity to conduct such coastal projects for potential benefits versus adverse impacts
6 to the coastal system to include consideration of the feasibility factors contained in section
7 50-351(a)(5).
- 8 b) The degree, if any, of interference or reduction of public access along the beach. There
9 should be no loss or reduction to public access to the beach after construction and the
10 impact to public access during construction must be minimized to the maximum extent
11 practicable.
- 12 c) For armoring projects, the distance (linear feet) of the project from existing adjacent,
13 structurally sound seawall, bulkhead or revetment existing on the effective date of this
14 article to determine if it is located in a predominately natural coastline (PNC) area or a
15 predominately armored (non-PNC) area.
- 16 d) The ability of armoring to achieve the purpose of stabilizing the upland dune system, thus
17 protecting the upland structure from coastal erosion.
- 18 e) The condition and design of armoring on either side of the proposed site.

19 **SECTION 50-350 – Standards for beach and dune walkovers.**

20 Beach and dune walkovers may be constructed for the purpose of maintaining or enhancing
21 pedestrian access to the beach and to minimize habitat impact where there is currently no walkover.
22 All applicable state and local permits necessary for construction of beach and dune walkovers must
23 be obtained prior to the start of construction. This section applies to new or reconstructed
24 walkovers. A reconstructed walkover is one which has sustained damage in excess of 50% of its
25 replacement value as determined by the appropriate Building Official. The following standards
26 apply:

- 27 a) Walkovers are required at all new public access points and adjacent to all new multi-family
28 dwelling structures, hotel or motel complexes, and other commercial establishments which
29 allow ingress and egress to the beach and lack access to existing walkover structures or
30 ramps.

- 1 b) Walkovers shall be constructed in a manner that minimizes short-term disturbances to the
2 dune system and existing vegetation. Walkovers for public access, multi-family and
3 commercial properties shall be posted by the owner with signs containing information
4 including the laws concerning prohibition of disturbing sea turtle nests, prohibitions against
5 disturbing state protected vegetation and dunes, the dates of the sea turtle nesting season
6 (May 1—October 31), the effective dates of applicable lighting restrictions, and
7 referencing the sea turtle ordinance [division 6 of this article]. Signs shall be aesthetically
8 pleasing and no larger than 2.25 square feet.
- 9 c) Replacement of any vegetation destroyed during construction of the walkover with native
10 coastal vegetation suitable for beach and dune stabilization is required. A replanting plan
11 consistent with Section 50-352(b) must be approved by the EMD.
- 12 d) Walkovers constructed over vegetated dunes or over vegetated beach berms shall be
13 elevated above the existing vegetation and dune system. The eastern end of the walkover
14 must be within the conservation zone or no more than 10 feet from the existing toe of dune
15 or line of permanent vegetation. Walkovers should be no more than 6 feet in width.
- 16 e) All walkovers shall be designed to protect the conservation zone, natural areas, and beach
17 habitat from construction impacts and long-term pedestrian impacts.
- 18 f) Walkovers shall be constructed in accordance with FDEP regulations, which mandate the
19 preservation and restoration of the associated dune system.

20 **SECTION 50-351 – Standards for armoring projects.**

- 21 a) Coastal armoring shall conform to FDEP's coastal armoring policy in addition to the
22 following criteria:
- 23 (1) All new and reconstructed armoring projects and emergency repairs must be
24 permitted through the appropriate state and local agencies, and shall comply with
25 this division.
- 26 (2) All coastal armoring permits will be reviewed by the EMD for consistency with
27 the Volusia County Sea Turtle Habitat Conservation Plan (HCP), Incidental Take
28 Permit (ITP), and division 6 of this article.
- 29 (3) All new and reconstructed armoring structures must be buried with an artificial
30 dune at least four feet above the existing grade, at a slope no greater than three to
31 one, and planted with the appropriate native coastal vegetation.

1 (4) All new and reconstructed dune systems shall be maintained by the property
2 owner as long as the armoring structure is in place.

3 (5) The EMD may also allow for, but is not limited to, consideration of the following
4 factors in determining the feasibility of armoring projects: (A) whether a non-
5 armored project affords similar protections of an armored project, (B) impacts of
6 historical accretion of sand along the beach and dune system, (C) historical tidal
7 influence data, and (D) existing natural dune locations. However, in making a
8 feasibility determination, the EMD will not consider cost, obstruction of view, or
9 ease of access as determinative infeasibility factors.

10 (6) *Remuneration in lieu of dune restoration.* If it is determined by the EMD that
11 the artificial dune restoration requirement is not feasible at the project location due
12 to existing beach conditions, the following applies:

13 a. The applicant conducting the dune restoration activity shall, in lieu of
14 actual dune creation, pay a replacement contribution into the Volusia County
15 Dune Restoration Trust Account.

16 b. The replacement contribution will be determined using an engineer's cost
17 estimate of the total cost of the required dune restoration, including placement
18 of sand and native coastal vegetation material and installation costs.

19 b) Seawall construction in the county shall be consistent with FDEP's rules and regulations
20 and shall be of a low-profile design. In addition, all new seawalls shall be designed and
21 constructed to minimize adverse impacts to adjacent properties.

22 c) All water discharge onto the beach or beach approaches, except as previously permitted, is
23 prohibited. This includes stormwater outfalls, pool draining pipes and all other types of
24 water discharge onto the beach.

25 d) New seawalls must be placed at the current line of erosion or in line with adjacent coastal
26 construction, whichever is furthest west.

27 e) It shall be a violation of this ordinance for a property owner to allow a seawall or armoring
28 to be in such disrepair that it is buckling, in danger of collapse, or causes imminent danger
29 to the public on the beach, as determined by the county engineer.
30

1 **SECTION 50-352 – Standards for dune restoration or sand placement projects.**

- 2 a) Each dune restoration project shall be constructed with habitat compatible materials, such
3 as compatible beach sand and plants native to the region and as authorized by FDEP. A
4 dune restoration project will be required in conjunction with the replacement or
5 reconstruction of any seawalls within the county. The threshold of reconstruction requiring
6 a permit will be based on substantial damage as defined in Sec. 50-71.
- 7 b) All associated planting plans must show plant spacing acceptable for the size of the
8 proposed plants and in accordance with county approved planting guidelines, and all sand
9 placed adjacent to the project shall be planted.
- 10 c) Any beach-compatible sand extracted from construction sites on the Volusia County barrier
11 island shall not be removed from the barrier island. Provided appropriate locations are
12 available, excess sand from construction sites adjacent to the beach shall be used solely for
13 dune and beach reconstruction with a valid FDEP permit.
- 14 d) The Volusia County EMD shall determine the compatibility of the sand, including the
15 acceptable degree of debris, based on FDEP standards.
- 16 e) Compatible sand which is to be used for dune and beach reconstruction or renourishment
17 may be stockpiled at the discretion and location designated by the EMD, and must be
18 utilized on the beach.

19 **SECTION 50-353 – Restoration and cleanup.**

- 20 a) *Liability for Damage.* The permittee shall be liable for all damage, injury or loss to persons
21 or property of any character arising from, or resulting from, any act of commission,
22 omission, neglect or misconduct in the performance of work by the permittee, his/her
23 employees or agents. The permittee shall be further liable for all damage, injury or loss to
24 persons or property arising from, or as a result of, defective work or materials.
- 25 b) *Area Outside permitted work area.* Where any work disturbs the area outside the permitted
26 work area, including at the beach access points, the permittee shall ensure that the area is
27 completely restored in a manner acceptable to the county. Dune sand or vegetation that is
28 removed or destroyed shall be replaced by the permittee at his/her expense with equal types
29 and sizes. The county may issue a stop work order to minimize further damage.
- 30 c) *Debris and Waste Removal.* The permittee shall ensure that project site cleanup and
31 property restoration follows construction/installation operations without delay. In order to

1 maintain an acceptable site, debris and waste material shall be removed from the site daily.
2 Site maintenance, along with ongoing cleanup and final property restoration, shall be
3 subject to the direction and approval of the Environmental Management Director.

- 4 d) *Additional Requirements.* Prior to issuance of a permit, the applicant shall provide a one-
5 year performance guarantee at 115% of the project cost as estimated by the applicant's
6 professional engineer or architect and verified by the EMD or LDM as appropriate. Such
7 guarantee shall be in the form of one or more of the following: Certified check; cash
8 deposited in an escrow account; a first mortgage on his/her property; letter of credit; or
9 such other guarantee approved by the county attorney. EMD may waive this requirement
10 in the event of major damage caused by a natural disaster. This does not apply to municipal
11 projects.

12 **SECTION 50-354 – Removal of sand from beach area.**

- 13 a) Any beach-compatible sand either dredged from Ponce DeLeon Inlet or extracted from
14 construction sites on the Volusia County Barrier Island shall not be removed from the
15 barrier island. Provided appropriate locations are available, excess sand from construction
16 sites adjacent to the beach shall be used solely for dune and beach reconstruction with a
17 valid FDEP Permit.
- 18 b) The county shall determine the compatibility of the sand, including the acceptable degree
19 of debris, based on FDEP standards.
- 20 c) Compatible sand which is to be used for dune and beach reconstruction or renourishment
21 may be stockpiled at the discretion and location designated by the county, and must be
22 utilized on the beach.

23 **SECTION 50-355 – SECTION 50-370 – Reserved.**

24
25 **SECTION III:** Division 15, Environmental Standards for Beach and Dune Protection,
26 Article III Land Development Regulations, Chapter 72 Land Planning, Code of Ordinances,
27 County of Volusia, is repealed in its entirety and replaced as follows:

28 **DIVISION 15. – ENVIRONMENTAL STANDARDS FOR BEACH AND DUNE**
29 **PROTECTION**

30 **SECTION 72-1051 – Purpose and intent.**

1 It is the purpose of this regulation to provide certain standards that promote restoration and
2 preservation of the vital beach and dune system along the Atlantic coast of Volusia County,
3 Florida. The intent is to regulate coastal construction activities that affect the beach and dune
4 system and that may degrade its natural processes and functions. All such standards shall meet or
5 be more restrictive than the Florida Department of Environmental Protection (FDEP) standards.

6 **SECTION 72-1052 – Exemptions.**

7 Activities that are exempted from this division include:

- 8 a) Planting native coastal vegetation on property or lots abutting the Atlantic Ocean.
- 9 b) Removal of debris, unpermitted structures or non-functioning coastal armoring.
- 10 c) Mechanical beach cleaning, provided that it conforms to the standards contained in division
11 12 of this article, pertaining to sea turtle protection, if said activity is permitted by FDEP,
12 and does not enter the Conservation Zone or the Natural Beach Management Areas.
- 13 d) Any work performed by the United States Army Corps of Engineers (ACOE), the Florida
14 Inland Navigation District (FIND), the Florida Department of Transportation (FDOT), the
15 Florida Department of Environmental Protection (FDEP), or their designee.
- 16 e) Any maintenance, repair, replacement, improvement or construction activities performed
17 by the county on the beach or on or adjacent to any Volusia County beach approach, as
18 defined in Chapter 20, Beach Code, Volusia County Code of Ordinances.

19 **SECTION 72-1053 – Beach and dune permit.**

20 A permit shall be required for any excavation, erosion control activities, sand placement,
21 dune restoration, armoring, and maintenance, repair, replacement, improvement, or construction
22 activities related to any structure on the beach or beach approach, as defined in Chapter 20, Beach
23 Code, Volusia County Code of Ordinances. An application for a permit shall be submitted with
24 the following information:

- 25 a) Application forms. A complete permit application shall be submitted by a property owner
26 or authorized agent of the owner, on the approved application form(s). Submittal of an
27 application is considered express consent for staff to inspect the property as necessary to
28 process the application and determine compliance with ordinance requirements.
- 29 b) Fees. Each permit application must be accompanied by the appropriate fee(s) as established
30 by the council. The permit application fees are nonrefundable and nontransferable. Beach

1 access fees are required at all public vehicular approaches in accordance with Chapter 20,
2 Article VI, Division 2, and are not included in the permit application fees.

3 c) Required application data. The application must be accompanied by:

4 (1) Property boundary survey. Property boundaries must be locatable in the
5 field by the inspectors. As a minimum, property boundaries must be located
6 and so designated to be clearly identifiable and visible on-site.

7 (2) A site plan and cross section view showing all proposed work.

8 (3) A completed copy of the appropriate Florida DEP permit, with supporting
9 documents.

10 (4) An issued Joint Coastal Permit (JCP), if applicable, for activities required
11 to get ACOE and FDEP approval, with supporting documents and plans.

12 (5) A copy of a city building permit or development order, if applicable.

13 (6) Dune restoration and maintenance plan, if applicable.

14 (7) Identification of proposed beach access points. Vehicles entering the
15 Conservation Zone or Natural Beach Management Area must obtain Habitat
16 Conservation Plan approval from the Environmental Management Director
17 (EMD) and are responsible for all beach tolls as set forth in Chapter 20
18 Beach Code.

19 (8) A cost estimate for the construction of the entire project, including any
20 planting and dune restoration.

21 (9) Placement and location of any sand extracted during construction and
22 compliance with section 72-1057(a).

23 (10) Other information which the EMD may reasonably require to determine
24 whether to approve the permit.

25 The EMD may waive any of the requirements of the application if, in the opinion of the
26 EMD, such information is found to be unnecessary for a proper evaluation of the proposed
27 work.

28 d) Action on permit application. The Land Development Division shall, within three (3)
29 working days from the filing, determine if the application is complete. If it is determined
30 that the application is incomplete, it shall be returned to the applicant. If the application is
31 determined to be complete, the Land Development Manager (LDM) shall transmit the

1 application and plans to the EMD. The EMD shall have fifteen (15) working days from the
2 date of receipt from the LDM of a complete application to approve or deny the permit.

3 e) Issuance of permits. If the application meets the requirements and standards of this article,
4 the LDM shall issue the permit based upon approval by the EMD, as provided in this
5 division, and may attach such appropriate conditions to the said permit in order to comply
6 with the standards of section 72-1055, 72-1056, and 72-1057 of this article. The EMD may
7 deny the permit if it does not meet such requirements and standards, stating the reasons
8 therefor. The issuance of a permit does not create or vest any property right in the holder
9 of the construction activity, nor does it relieve the permittee from obtaining any other
10 permits that may be required by the appropriate authorities.

11 f) Termination of Permit. All Beach and Dune permits shall expire one year from the date of
12 issue unless time extensions are granted by the EMD. Applications for extensions of time
13 shall be made in writing to the EMD at least 30 days prior to the expiration of the permit.

14 **SECTION 72-1054 – Standards for permit issuance.**

15 In determining whether the project is permittable under the provisions of this article, the
16 EMD shall consider, but not be limited to, the following criteria:

- 17 a) The necessity to conduct such coastal projects for potential benefits versus adverse
18 impacts to the coastal system to include consideration of the feasibility factors contained
19 in section 72-1056(a)(5) for armoring projects.
- 20 b) The degree, if any, of interference or reduction of public access along the beach. There
21 should be no loss or reduction to public access to the beach after construction and the
22 impact to public access during construction must be minimized to the maximum extent
23 practicable.
- 24 c) For armoring projects, the distance (linear feet) of the project from existing adjacent,
25 structurally sound seawall, bulkhead or revetment existing on the effective date of this
26 article to determine if it is located in a predominately natural coastline (PNC) area or a
27 predominately armored (non-PNC) area.
- 28 d) The ability of armoring to achieve the purpose of stabilizing the upland dune system, thus
29 protecting the upland structure from coastal erosion.
- 30 e) The condition and design of armoring on either side of the proposed site.
- 31

1 **SECTION 72-1055 – Standards for beach and dune walkovers.**

2 Beach and dune walkovers may be constructed for the purpose of maintaining or enhancing
3 pedestrian access to the beach and to minimize habitat impact where there is currently no walkover.
4 All applicable state and local permits necessary for construction of beach and dune walkovers must
5 be obtained prior to the start of construction. This section applies to new or reconstructed
6 walkovers. A reconstructed walkover is one which has sustained damage in excess of 50% of its
7 replacement value as determined by the appropriate Building Official. The following standards
8 shall apply:

- 9 a) Walkovers are required at all new public access points and adjacent to all new multi-family
10 dwelling structures, hotel or motel complexes, and other commercial establishments which
11 allow ingress and egress to the beach and lack access to existing walkover structures or
12 ramps.
- 13 b) Walkovers shall be constructed in a manner that minimizes short-term disturbances to the
14 dune system and existing vegetation. Walkovers for public access, multi-family and
15 commercial properties shall be posted by the owner with signs containing information
16 including the laws concerning prohibition of disturbing sea turtle nests, prohibitions against
17 disturbing state protected vegetation and dunes, the dates of the sea turtle nesting season
18 (May 1—October 31), the effective dates of applicable lighting restrictions, and
19 referencing the sea turtle ordinance [division 12 of this article]. Signs shall be aesthetically
20 pleasing and no larger than 2.25 square feet.
- 21 c) Replacement of any vegetation destroyed during construction of the walkover with native
22 coastal vegetation suitable for beach and dune stabilization is required. A replanting plan
23 consistent with Section 72-1057(b) must be approved by the EMD.
- 24 d) Walkovers constructed over vegetated dunes or over vegetated beach berms shall be
25 elevated above the existing vegetation and dune system. The eastern end of the walkover
26 must be within the conservation zone or no more than 10 feet from the existing toe of dune
27 or line of permanent vegetation. Walkovers should be no more than 6 feet in width.
- 28 e) All walkovers shall be designed to protect the conservation zone, natural areas, and beach
29 habitat from construction impacts and long-term pedestrian impacts.
- 30 f) Walkovers shall be constructed in accordance with FDEP regulations, which mandate the

1 preservation and restoration of the associated dune system.

2 **SECTION 72-1056 – Standards for armoring projects.**

3 a) Coastal armoring shall conform to FDEP's coastal armoring policy in addition to the
4 following criteria:

5 (1) All new and reconstructed armoring projects and emergency repairs must be
6 permitted through the appropriate state and local agencies, and shall comply with
7 this division.

8 (2) All coastal armoring permits will be reviewed by the EMD for consistency with
9 the Volusia County Sea Turtle Habitat Conservation Plan (HCP), Incidental Take
10 Permit (ITP), and division 12 of this article.

11 (3) All new and reconstructed armoring structures must be buried with an artificial
12 dune at least four feet above the existing grade, at a slope no greater than three to
13 one, and planted with the appropriate native coastal vegetation.

14 (4) All new and reconstructed dune systems shall be maintained by the property
15 owner as long as the armoring structure is in place.

16 (5) The EMD may also allow for, but is not limited to, consideration of the following
17 factors in determining the feasibility of armoring projects: (A) whether a non-
18 armored project affords similar protections of an armored project, (B) impacts of
19 historical accretion of sand along the beach and dune system, (C) historical tidal
20 influence data, and (D) existing natural dune locations. However, in making a
21 feasibility determination, the EMD will not consider cost, obstruction of view, or
22 ease of access as determinative infeasibility factors.

23 (6) *Remuneration in lieu of dune restoration.* After consideration of the permissible
24 factors contained in this section, 72-1056(a)(5) above, for determining feasibility of
25 a project, if it is determined by the EMD that the artificial dune restoration
26 requirement is not feasible at the project location due to existing beach conditions,
27 the following applies:

28 a. The applicant conducting the dune restoration activity shall, in lieu of
29 actual dune creation, pay a replacement contribution into the Volusia
30 County Dune Restoration Trust Account.

31 b. The replacement contribution will be determined using an engineer's cost

1 estimate of the total cost of the required dune restoration, including
2 placement of sand and native coastal vegetation material and installation
3 costs.

- 4 b) Seawall construction in the county shall be consistent with FDEP's rules and regulations and
5 shall be of a low-profile design. In addition, all new seawalls shall be designed and
6 constructed to minimize adverse impacts to adjacent properties.
- 7 c) All water discharge onto the beach or beach approaches, except as previously permitted, is
8 prohibited. This includes stormwater outfalls, pool draining pipes and all other types of water
9 discharge onto the beach.
- 10 d) New seawalls must be placed at the current line of erosion or in line with adjacent coastal
11 construction, whichever is furthest west.
- 12 e) It shall be a violation of this ordinance for a property owner to allow a seawall or armoring to
13 be in such disrepair that it is buckling, in danger of collapse, or causes imminent danger to the
14 public on the beach, as determined by the county engineer.

15 **SECTION 72-1057 – Standards for dune restoration or sand placement projects.**

- 16 a) Each dune restoration project shall be constructed with habitat compatible materials, such
17 as compatible beach sand and plants native to the region and as authorized by FDEP. A
18 dune restoration project will be required in conjunction with the replacement or
19 reconstruction of any seawalls within the county. The threshold of reconstruction requiring
20 a permit will be based on substantial damage as defined in Article 1.
- 21 b) All associated planting plans must show plant spacing acceptable for the size of the
22 proposed plants and in accordance with county approved planting guidelines, and all sand
23 placed adjacent to the project shall be planted.
- 24 c) Any beach-compatible sand extracted from construction sites on the Volusia County barrier
25 island shall not be removed from the barrier island. Provided appropriate locations are
26 available, excess sand from construction sites adjacent to the beach shall be used solely for
27 dune and beach reconstruction with a valid FDEP permit.
- 28 d) The Volusia County EMD shall determine the compatibility of the sand, including the
29 acceptable degree of debris, based on FDEP standards.
- 30 e) Compatible sand which is to be used for dune and beach reconstruction or renourishment
31 may be stockpiled at the discretion and location designated by the EMD, and must be

utilized on the beach.

SECTION 72-1058 – Restoration and cleanup.

- a) Liability for Damage. The permittee shall be liable for all damage, injury or loss to persons or property of any character arising from, or resulting from, any act of commission, omission, neglect or misconduct in the performance of work by the permittee, his/her employees or agents. The permittee shall be further liable for all damage, injury or loss to persons or property arising from, or as a result of, defective work or materials.
- b) Area Outside permitted work area. Where any work disturbs the area outside the permitted work area, including at the beach access points, the permittee shall ensure that the area is completely restored in a manner acceptable to the county. Dune sand or vegetation that is removed or destroyed shall be replaced by the permittee at his/her expense with equal types and sizes. The county may issue a stop work order to minimize further damage.
- c) Debris and Waste Removal. The permittee shall ensure that project site cleanup and property restoration follows construction/installation operations without delay. In order to maintain an acceptable site, debris and waste material shall be removed from the site daily. Site maintenance, along with ongoing cleanup and final property restoration, shall be subject to the direction and approval of the Environmental Management Director.
- d) Additional Requirements. Prior to issuance of a permit, the applicant shall provide a one-year performance guarantee at 115% of the project cost as estimated by the applicant's professional engineer or architect and verified by the EMD or LDM as appropriate. Such guarantee shall be in the form of one or more of the following: Certified check; cash deposited in an escrow account; a first mortgage on his/her property; letter of credit; or such other guarantee approved by the county attorney. EMD may waive this requirement in the event of major damage caused by a natural disaster.

SECTION 72-1059 – Dune restoration trust account.

- a) Establishment. A Volusia County Dune Restoration Trust Account is hereby established as a depository for dune restoration fees and monies.
- b) Dispersal of assets. The funds in said account shall be expended, utilized and disbursed for the placement of sand, creation of dunes, planting of native dune vegetation, or to cover any other ancillary costs including, but not limited, to items or materials necessary and proper for the preservation, maintenance, relocation or restoration of dune ecosystems on

1 any public land within Volusia County. These monies may also be utilized to engage
2 support elements such as landscape architects and additional personnel, following
3 established county procedures.

- 4 c) All monies deposited for use as specified in Sec.72-1056(a)(5) of this article, shall be
5 deposited in trust, in a separate accounting unit established and maintained apart from the
6 general revenue funds and accounts of Volusia County.

7 **SECTION 72-1060 – Appeals.**

8 The applicant may appeal a determination of the EMD to the Development Review
9 Committee (DRC), in writing, within 30 days of said determination. The DRC may uphold, modify
10 or reverse the determination of the EMD.

11 **SECTION 72-1061 – Jurisdiction.**

12 This division shall apply to the beach and beach approaches, as defined in Chapter 20,
13 Beach Code, Volusia County Code of Ordinances, whether located in incorporated area or
14 unincorporated area of Volusia County. The County will notify a municipality of receipt of a
15 permit application herein of a project within an incorporated area.

16
17 **SECTION 72-1062 – SECTION 72-1095 – Reserved.**

18 **SECTION IV:** Authorizing Inclusion in Code. The provisions of this ordinance shall be
19 included and incorporated into the Code of Ordinances of the County of Volusia, as additions or
20 amendments thereto, and shall be appropriately numbered to conform to the uniform numbering
21 system of the Code.

22 **SECTION V:** Severability. Should any word, phrase, sentence, subsection or section be
23 held by a court of competent jurisdiction to be illegal, void, unenforceable, or unconstitutional,
24 then that word, phrase, sentence, subsection or section so held shall be severed from this ordinance
25 and all other words, phrases, sentences, subsections, or sections shall remain in full force and
26 effect.

27 **SECTION VI:** Conflicting Ordinances. All ordinances, or part thereof, in conflict
28 herewith are, to the extent of such conflict, repealed.
29

1 **SECTION VII:** Effective Date. This ordinance shall take effect upon filing of a certified
2 copy by e-mail with the Department of State.
3

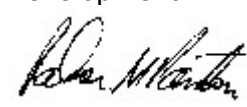
4 **ADOPTED BY THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, IN**
5 **OPEN MEETING DULY ASSEMBLED IN THE COUNTY COUNCIL CHAMBERS AT**
6 **THE THOMAS C. KELLY ADMINISTRATION CENTER, 123 WEST INDIANA**
7 **AVENUE, DELAND, FLORIDA, THIS 22nd DAY OF JUNE A.D., 2021.**

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9
10 ATTEST:

COUNTY COUNCIL
COUNTY OF VOLUSIA, FLORIDA

11
12
13
14 _____
15 George Recktenwald
County Manager

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14 _____
15 Jeffrey S. Brower
County Chair

Date: 06/22/2021		AGENDA ITEM		Item: 09	
☒ Ordinance		☐ Resolution		☐ Budget Resolution	
☐ Other					
County Goals					
☐	Thriving Communities	☐	Economic & Financial Vitality	☒	Excellence In Government
☐		☐		☐	NA
Department: Growth And Resource Management Division: Planning and Development Services					
Subject: Ordinance 2021-13, adoption hearing amending Chapter 72, Division 15, and Chapter 50, Division 9, regarding Beaches and Dunes, case O-21-060.					
Clay Ervin Director Growth and Resource Management  Department Approval				Legal Paolo Soria Senior Assistant County Attorney  Approved as to Form and Legality	
Palmer Panton Director Planning and Development  Division Approval		Aaron Van Kleeck  Approved as to Budget Requirements		County Manager's Office Ryan Ossowski Chief Financial Officer 	
Council Action:					
Modification:					
Fund Number(s):		Description:		Amount:	
165 Dune Restoration Fund		165-000-0000-2560 (Revenue: Beach and Dune Permit Fees)		\$0.00	
Total Item Budget: \$0.00					
Staff Contact(s):				Phone:	Ext.
Clay Ervin				386 822 5013	12000
Ginger Adair				386 736 5927	12059
Palmer M. Panton				386 736 5959	12736
Summary/Highlights: At the request of the Volusia County Council, Environmental Management proposes to revise the Environmental Minimum Standards (Chapter 50, Division 9) and the Land Planning Ordinance (Chapter 72, Division 15) of the Code of Ordinances dealing with the protection of beaches and dunes. The purpose is to provide certain minimum standards that promote restoration and preservation of the vital beach and dune system along the Atlantic coast of Volusia County, Florida. The intent is to regulate coastal construction activities that affect the beach and dune system and that may degrade its natural processes and functions. All such standards shall meet or be more restrictive than the Florida Department of Environmental					

Protection (FDEP) standards.

A previous draft revision of Chapter 72 was reviewed and approved at the July 18, 2019, PLDRC meeting and subsequently was reviewed by municipalities and other interested groups such as Volusia County Association for Responsible Development (VCARD) and the Volusia Building Industry Association (VBIA). No comments were received from VBIA and VCARD responded that they had no comments (attached). Several cities had questions and minor comments which were considered in the 2019 draft. Comments from the City of Daytona Beach (letter attached) indicated that the update would not apply to a City since the activities would require a City building permit and their jurisdiction extends to the seawall, not the beach.

To ensure that there would be no question as to where the jurisdiction of the ordinance is intended to apply, draft updates now include the Environmental Minimum Standards in Chapter 50, Division 9 which applies county-wide. Staff distributed the revised draft in February 2021 and received comments only from the Town of Ponce Inlet (comments attached). Those comments were addressed in the final draft of the ordinance.

Chapter 50, Division 9 & Chapter 72, Division 15, Environmental Standards for Beach and Dune Protection, were established to provide certain standards for the restoration and preservation of the beach and dune system, specifically related to construction activities. Standards were established but there was no mechanism (permit) through which to enforce the standards.

The original purpose behind these updates is two-fold. The first comes from County Council direction for addressing construction activities on the beach following a natural disaster, specifically a hurricane. Once a hurricane passes, the Florida Department of Environmental Protection typically issues an Emergency Order granting local governments the authority to permit repairs to some residential and commercial structures damaged by the storm. During previous emergency orders, the county was unable to take this step due to the lack of a permitting process. This update provides that mechanism.

The second purpose is to ensure adequate county oversight for beach management related to private and commercial development. The emphasis is on protection of the dune system, which is the first line of defense for upland properties. The existing ordinance only addresses walkovers and armoring (such as seawalls); the proposed changes include standards for dune restoration or sand placement projects. In addition, the proposed changes provide clear standards for the restoration and cleanup of debris on the beach and establishes a dune restoration trust account to be used in cases where the required dune restoration project has little chance of success.

This ordinance is currently, and will continue to be, implemented county-wide and will be administered through Environmental Management concurrent with any required building permits.

The proposed changes will require a fee resolution. Based on an analysis of the time spent reviewing these projects, the permit fee will be \$174.00 and a re-inspection fee (if needed) will be \$58.00.

Staff has reviewed the existing applicable regulations and is suggesting the following revisions to the Environmental Minimum Standards (Chapter 50, County Code of Ordinances) and Land

Planning Ordinance (Chapter 72, Land Planning, County Code of Ordinances):

Section I: That Section 50, Environment, of the Code of Ordinances, County of Volusia is amended as follows:

- Add definition of substantial damage

Section II: Division 9, Beaches and Dunes, Article III, Minimum Standards for Environmental Protection, Chapter 50 Environment, Code of Ordinances, County of Volusia, is repealed in its entirety and replaced as follows:

- Section 50-341 establishes the purpose and intent.
- Section 50-342 establishes jurisdiction.
- Section 50-343 establishes a penalty.
- Section 50-344 identifies exemptions to the ordinance.
- Section 50-346 establishes enforcement.
- Section 50-347 establishes a conservation zone.
- Section 50-348 establishes a beach and dune permit.
- Section 50-349 establishes the standards for permit issuance.
- Section 50-350 establishes standards for beach and dune walkovers.
- Section 50-531 establishes standards for armoring projects.
- Section 50-532 establishes standards for dune restoration and sand placement projects.
- Section 50-353 addresses restoration and cleanup.
- Section 50-354 addresses removal of sand from the beach.

Section I, Division 15, Environmental Standards for Beach and Dune Protection is repealed in its entirety and replaced. The pertinent sections of the ordinance are as follows:

- Section 72-1051 establishes the purpose and intent.
- Section 72-1052 identifies exemptions to the ordinance.
- Section 72-1053 establishes a beach and dune permit.
- Section 72-1054 establishes the standards for permit issuance.
- Section 72-1055 establishes standards for beach and dune walkovers.
- Section 72-1056 establishes standards for armoring projects.
- Section 72-1057 establishes standards for dune restoration and sand placement projects.
- Section 72-1058 addresses restoration and cleanup.
- Section 72-1059 establishes a dune restoration trust account.

Due public notice requirements were met. There was no public participation at the Planning and Land Development Regulation Commission (PLDRC) hearing held on April 15, 2021. The Commission voted unanimously (7:0) to find this amendment consistent with the Comprehensive Plan and forward to County Council with a recommendation of approval.

Attachments:

Ordinance 2021-13

April 15, 2021 PLDRC Package

April 15, 2021 Draft PLDRC Minutes

April 15, 2021 PLDRC PowerPoint Presentation

Chapter 50 change comparison spreadsheet

Chapter 72 change comparison spreadsheet

Recommended Motion: Adoption.

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BE IT ORDAINED BY THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA,
AS FOLLOWS:

SECTION I: That Section 50, Environment, of the Code of Ordinances, County of Volusia, is amended as follows:

Section 50-71. Definitions.

Page 1 of 17
Ordinance 2021-13

Words not defined in this section shall be construed to have the meaning given by common and ordinary use as defined by Webster's New World Dictionary, Second College Edition.

...

Substantial damage. Damage of any origin sustained by a structure as assessed by the property appraiser whereby the cost of restoring the structure to its before damaged condition would equal or exceed 50 percent of the structure before the damage occurred.

...

SECTION II: Division 9, Beaches and Dunes, Article III Minimum Standards For Environmental Protection, Chapter 50 Environment, Code of Ordinances, County of Volusia, is repealed in its entirety and replaced as follows:

DIVISION 9. –BEACHES AND DUNES

SECTION 50-341 – Purpose and intent.

It is the purpose of this regulation to provide certain minimum standards that promote restoration and preservation of the vital beach and dune system along the Atlantic coast of Volusia County, Florida. The intent is to regulate coastal construction activities that affect the beach and dune system and that may degrade its natural processes and functions. All such standards shall meet or be more restrictive than the Florida Department of Environmental Protection (FDEP) standards.

SECTION 50-342 – Jurisdiction.

This division shall apply to the beach and beach approaches, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances, whether located in incorporated area or unincorporated area of Volusia County. The County will notify a municipality of receipt of a permit application herein of a project within an incorporated area.

SECTION 50-343– Penalty.

Violations of this division are punishable as provided in section 1-7.

1 **SECTION 50-344 – Exemptions.**

2 Activities that are exempted from this division include:

- 3 a. Planting native coastal vegetation on property or lots abutting the Atlantic Ocean.
- 4 b. Removal of debris, unpermitted structures or non-functioning coastal armoring.
- 5 c. Mechanical beach cleaning, provided that it conforms to the standards contained in division
- 6 6 of this article, pertaining to sea turtle protection, if said activity is permitted by FDEP,
- 7 and does not enter the Conservation Zone or the Natural Beach Management Areas.
- 8 d. Any work performed by the United States Army Corps of Engineers (ACOE), the Florida
- 9 Inland Navigation District (FIND), the Florida Department of Transportation (FDOT), the
- 10 Florida Department of Environmental Protection (FDEP), or their designee.
- 11 e. Any maintenance, repair, replacement, improvement or construction activities performed
- 12 by the county on the beach or on or adjacent to any Volusia County beach approach, as
- 13 defined in Chapter 20, Beach Code, Volusia County Code of Ordinances.

14 **SECTION 50-345 – Reserved.**

15

16 **SECTION 50-346 – Enforcement.**

17 Volusia County Environmental Management Division shall administer the provisions of

18 this division countywide.

19 **SECTION 50-347 – Conservation zone.**

20 A conservation zone is established along the public driving portions of the Atlantic Ocean

21 beach of the county in accordance with the standards and requirements contained in the Volusia

22 County Sea Turtle Habitat Conservation Plan.

23 **SECTION 50-348 – Beach and dune permit.**

24 A permit shall be required for any excavation, erosion control activities, sand placement,

25 dune restoration, armoring, and maintenance, repair, replacement, improvement, or construction

26 activities related to any structure on the beach or beach approach, as defined in Chapter 20, Beach

27 Code, Volusia County Code of Ordinances. An application for a permit shall be submitted with

28 the required information contained in Section 72-1053 of the Code of Ordinances.

1 **SECTION 50-349 – Standards for permit issuance.**

2 In determining whether the project is permissible under the provisions of this article, the
3 Environmental Management Director (EMD) shall consider, but not be limited to, the following
4 criteria:

- 5 a) The necessity to conduct such coastal projects for potential benefits versus adverse impacts
6 to the coastal system to include consideration of the feasibility factors contained in section
7 50-351(a)(5).
- 8 b) The degree, if any, of interference or reduction of public access along the beach. There
9 should be no loss or reduction to public access to the beach after construction and the
10 impact to public access during construction must be minimized to the maximum extent
11 practicable.
- 12 c) For armoring projects, the distance (linear feet) of the project from existing adjacent,
13 structurally sound seawall, bulkhead or revetment existing on the effective date of this
14 article to determine if it is located in a predominately natural coastline (PNC) area or a
15 predominately armored (non-PNC) area.
- 16 d) The ability of armoring to achieve the purpose of stabilizing the upland dune system, thus
17 protecting the upland structure from coastal erosion.
- 18 e) The condition and design of armoring on either side of the proposed site.

19 **SECTION 50-350 – Standards for beach and dune walkovers.**

20 Beach and dune walkovers may be constructed for the purpose of maintaining or enhancing
21 pedestrian access to the beach and to minimize habitat impact where there is currently no walkover.
22 All applicable state and local permits necessary for construction of beach and dune walkovers must
23 be obtained prior to the start of construction. This section applies to new or reconstructed
24 walkovers. A reconstructed walkover is one which has sustained damage in excess of 50% of its
25 replacement value as determined by the appropriate Building Official. The following standards
26 apply:

- 27 a) Walkovers are required at all new public access points and adjacent to all new multi-family
28 dwelling structures, hotel or motel complexes, and other commercial establishments which
29 allow ingress and egress to the beach and lack access to existing walkover structures or
30 ramps.

- 1 b) Walkovers shall be constructed in a manner that minimizes short-term disturbances to the
2 dune system and existing vegetation. Walkovers for public access, multi-family and
3 commercial properties shall be posted by the owner with signs containing information
4 including the laws concerning prohibition of disturbing sea turtle nests, prohibitions against
5 disturbing state protected vegetation and dunes, the dates of the sea turtle nesting season
6 (May 1—October 31), the effective dates of applicable lighting restrictions, and
7 referencing the sea turtle ordinance [division 6 of this article]. Signs shall be aesthetically
8 pleasing and no larger than 2.25 square feet.
- 9 c) Replacement of any vegetation destroyed during construction of the walkover with native
10 coastal vegetation suitable for beach and dune stabilization is required. A replanting plan
11 consistent with Section 50-352(b) must be approved by the EMD.
- 12 d) Walkovers constructed over vegetated dunes or over vegetated beach berms shall be
13 elevated above the existing vegetation and dune system. The eastern end of the walkover
14 must be within the conservation zone or no more than 10 feet from the existing toe of dune
15 or line of permanent vegetation. Walkovers should be no more than 6 feet in width.
- 16 e) All walkovers shall be designed to protect the conservation zone, natural areas, and beach
17 habitat from construction impacts and long-term pedestrian impacts.
- 18 f) Walkovers shall be constructed in accordance with FDEP regulations, which mandate the
19 preservation and restoration of the associated dune system.

20 **SECTION 50-351 – Standards for armoring projects.**

- 21 a) Coastal armoring shall conform to FDEP's coastal armoring policy in addition to the
22 following criteria:
- 23 (1) All new and reconstructed armoring projects and emergency repairs must be
24 permitted through the appropriate state and local agencies, and shall comply with
25 this division.
- 26 (2) All coastal armoring permits will be reviewed by the EMD for consistency with
27 the Volusia County Sea Turtle Habitat Conservation Plan (HCP), Incidental Take
28 Permit (ITP), and division 6 of this article.
- 29 (3) All new and reconstructed armoring structures must be buried with an artificial
30 dune at least four feet above the existing grade, at a slope no greater than three to
31 one, and planted with the appropriate native coastal vegetation.

1 (4) All new and reconstructed dune systems shall be maintained by the property
2 owner as long as the armoring structure is in place.

3 (5) The EMD may also allow for, but is not limited to, consideration of the following
4 factors in determining the feasibility of armoring projects: (A) whether a non-
5 armored project affords similar protections of an armored project, (B) impacts of
6 historical accretion of sand along the beach and dune system, (C) historical tidal
7 influence data, and (D) existing natural dune locations. However, in making a
8 feasibility determination, the EMD will not consider cost, obstruction of view, or
9 ease of access as determinative infeasibility factors.

10 (6) *Remuneration in lieu of dune restoration.* If it is determined by the EMD that
11 the artificial dune restoration requirement is not feasible at the project location due
12 to existing beach conditions, the following applies:

13 a. The applicant conducting the dune restoration activity shall, in lieu of
14 actual dune creation, pay a replacement contribution into the Volusia County
15 Dune Restoration Trust Account.

16 b. The replacement contribution will be determined using an engineer's cost
17 estimate of the total cost of the required dune restoration, including placement
18 of sand and native coastal vegetation material and installation costs.

19 b) Seawall construction in the county shall be consistent with FDEP's rules and regulations
20 and shall be of a low-profile design. In addition, all new seawalls shall be designed and
21 constructed to minimize adverse impacts to adjacent properties.

22 c) All water discharge onto the beach or beach approaches, except as previously permitted, is
23 prohibited. This includes stormwater outfalls, pool draining pipes and all other types of
24 water discharge onto the beach.

25 d) New seawalls must be placed at the current line of erosion or in line with adjacent coastal
26 construction, whichever is furthest west.

27 e) It shall be a violation of this ordinance for a property owner to allow a seawall or armoring
28 to be in such disrepair that it is buckling, in danger of collapse, or causes imminent danger
29 to the public on the beach, as determined by the county engineer.
30

1 **SECTION 50-352 – Standards for dune restoration or sand placement projects.**

- 2 a) Each dune restoration project shall be constructed with habitat compatible materials, such
3 as compatible beach sand and plants native to the region and as authorized by FDEP. A
4 dune restoration project will be required in conjunction with the replacement or
5 reconstruction of any seawalls within the county. The threshold of reconstruction requiring
6 a permit will be based on substantial damage as defined in Sec. 50-71.
- 7 b) All associated planting plans must show plant spacing acceptable for the size of the
8 proposed plants and in accordance with county approved planting guidelines, and all sand
9 placed adjacent to the project shall be planted.
- 10 c) Any beach-compatible sand extracted from construction sites on the Volusia County barrier
11 island shall not be removed from the barrier island. Provided appropriate locations are
12 available, excess sand from construction sites adjacent to the beach shall be used solely for
13 dune and beach reconstruction with a valid FDEP permit.
- 14 d) The Volusia County EMD shall determine the compatibility of the sand, including the
15 acceptable degree of debris, based on FDEP standards.
- 16 e) Compatible sand which is to be used for dune and beach reconstruction or renourishment
17 may be stockpiled at the discretion and location designated by the EMD, and must be
18 utilized on the beach.

19 **SECTION 50-353 – Restoration and cleanup.**

- 20 a) *Liability for Damage.* The permittee shall be liable for all damage, injury or loss to persons
21 or property of any character arising from, or resulting from, any act of commission,
22 omission, neglect or misconduct in the performance of work by the permittee, his/her
23 employees or agents. The permittee shall be further liable for all damage, injury or loss to
24 persons or property arising from, or as a result of, defective work or materials.
- 25 b) *Area Outside permitted work area.* Where any work disturbs the area outside the permitted
26 work area, including at the beach access points, the permittee shall ensure that the area is
27 completely restored in a manner acceptable to the county. Dune sand or vegetation that is
28 removed or destroyed shall be replaced by the permittee at his/her expense with equal types
29 and sizes. The county may issue a stop work order to minimize further damage.
- 30 c) *Debris and Waste Removal.* The permittee shall ensure that project site cleanup and
31 property restoration follows construction/installation operations without delay. In order to

1 maintain an acceptable site, debris and waste material shall be removed from the site daily.
2 Site maintenance, along with ongoing cleanup and final property restoration, shall be
3 subject to the direction and approval of the Environmental Management Director.

- 4 d) *Additional Requirements.* Prior to issuance of a permit, the applicant shall provide a one-
5 year performance guarantee at 115% of the project cost as estimated by the applicant's
6 professional engineer or architect and verified by the EMD or LDM as appropriate. Such
7 guarantee shall be in the form of one or more of the following: Certified check; cash
8 deposited in an escrow account; a first mortgage on his/her property; letter of credit; or
9 such other guarantee approved by the county attorney. EMD may waive this requirement
10 in the event of major damage caused by a natural disaster. This does not apply to municipal
11 projects.

12 **SECTION 50-354 – Removal of sand from beach area.**

- 13 a) Any beach-compatible sand either dredged from Ponce DeLeon Inlet or extracted from
14 construction sites on the Volusia County Barrier Island shall not be removed from the
15 barrier island. Provided appropriate locations are available, excess sand from construction
16 sites adjacent to the beach shall be used solely for dune and beach reconstruction with a
17 valid FDEP Permit.
- 18 b) The county shall determine the compatibility of the sand, including the acceptable degree
19 of debris, based on FDEP standards.
- 20 c) Compatible sand which is to be used for dune and beach reconstruction or renourishment
21 may be stockpiled at the discretion and location designated by the county, and must be
22 utilized on the beach.

23 **SECTION 50-355 – SECTION 50-370 – Reserved.**

24
25 **SECTION III:** Division 15, Environmental Standards for Beach and Dune Protection,
26 Article III Land Development Regulations, Chapter 72 Land Planning, Code of Ordinances,
27 County of Volusia, is repealed in its entirety and replaced as follows:

28 **DIVISION 15. – ENVIRONMENTAL STANDARDS FOR BEACH AND DUNE**
29 **PROTECTION**

30 **SECTION 72-1051 – Purpose and intent.**

1 It is the purpose of this regulation to provide certain standards that promote restoration and
2 preservation of the vital beach and dune system along the Atlantic coast of Volusia County,
3 Florida. The intent is to regulate coastal construction activities that affect the beach and dune
4 system and that may degrade its natural processes and functions. All such standards shall meet or
5 be more restrictive than the Florida Department of Environmental Protection (FDEP) standards.

6 **SECTION 72-1052 – Exemptions.**

7 Activities that are exempted from this division include:

- 8 a) Planting native coastal vegetation on property or lots abutting the Atlantic Ocean.
- 9 b) Removal of debris, unpermitted structures or non-functioning coastal armoring.
- 10 c) Mechanical beach cleaning, provided that it conforms to the standards contained in division
11 12 of this article, pertaining to sea turtle protection, if said activity is permitted by FDEP,
12 and does not enter the Conservation Zone or the Natural Beach Management Areas.
- 13 d) Any work performed by the United States Army Corps of Engineers (ACOE), the Florida
14 Inland Navigation District (FIND), the Florida Department of Transportation (FDOT), the
15 Florida Department of Environmental Protection (FDEP), or their designee.
- 16 e) Any maintenance, repair, replacement, improvement or construction activities performed
17 by the county on the beach or on or adjacent to any Volusia County beach approach, as
18 defined in Chapter 20, Beach Code, Volusia County Code of Ordinances.

19 **SECTION 72-1053 – Beach and dune permit.**

20 A permit shall be required for any excavation, erosion control activities, sand placement,
21 dune restoration, armoring, and maintenance, repair, replacement, improvement, or construction
22 activities related to any structure on the beach or beach approach, as defined in Chapter 20, Beach
23 Code, Volusia County Code of Ordinances. An application for a permit shall be submitted with
24 the following information:

- 25 a) Application forms. A complete permit application shall be submitted by a property owner
26 or authorized agent of the owner, on the approved application form(s). Submittal of an
27 application is considered express consent for staff to inspect the property as necessary to
28 process the application and determine compliance with ordinance requirements.
- 29 b) Fees. Each permit application must be accompanied by the appropriate fee(s) as established
30 by the council. The permit application fees are nonrefundable and nontransferable. Beach

1 access fees are required at all public vehicular approaches in accordance with Chapter 20,
2 Article VI, Division 2, and are not included in the permit application fees.

3 c) Required application data. The application must be accompanied by:

4 (1) Property boundary survey. Property boundaries must be locatable in the
5 field by the inspectors. As a minimum, property boundaries must be located
6 and so designated to be clearly identifiable and visible on-site.

7 (2) A site plan and cross section view showing all proposed work.

8 (3) A completed copy of the appropriate Florida DEP permit, with supporting
9 documents.

10 (4) An issued Joint Coastal Permit (JCP), if applicable, for activities required
11 to get ACOE and FDEP approval, with supporting documents and plans.

12 (5) A copy of a city building permit or development order, if applicable.

13 (6) Dune restoration and maintenance plan, if applicable.

14 (7) Identification of proposed beach access points. Vehicles entering the
15 Conservation Zone or Natural Beach Management Area must obtain Habitat
16 Conservation Plan approval from the Environmental Management Director
17 (EMD) and are responsible for all beach tolls as set forth in Chapter 20
18 Beach Code.

19 (8) A cost estimate for the construction of the entire project, including any
20 planting and dune restoration.

21 (9) Placement and location of any sand extracted during construction and
22 compliance with section 72-1057(a).

23 (10) Other information which the EMD may reasonably require to determine
24 whether to approve the permit.

25 The EMD may waive any of the requirements of the application if, in the opinion of the
26 EMD, such information is found to be unnecessary for a proper evaluation of the proposed
27 work.

28 d) Action on permit application. The Land Development Division shall, within three (3)
29 working days from the filing, determine if the application is complete. If it is determined
30 that the application is incomplete, it shall be returned to the applicant. If the application is
31 determined to be complete, the Land Development Manager (LDM) shall transmit the

1 application and plans to the EMD. The EMD shall have fifteen (15) working days from the
2 date of receipt from the LDM of a complete application to approve or deny the permit.

3 e) Issuance of permits. If the application meets the requirements and standards of this article,
4 the LDM shall issue the permit based upon approval by the EMD, as provided in this
5 division, and may attach such appropriate conditions to the said permit in order to comply
6 with the standards of section 72-1055, 72-1056, and 72-1057 of this article. The EMD may
7 deny the permit if it does not meet such requirements and standards, stating the reasons
8 therefor. The issuance of a permit does not create or vest any property right in the holder
9 of the construction activity, nor does it relieve the permittee from obtaining any other
10 permits that may be required by the appropriate authorities.

11 f) Termination of Permit. All Beach and Dune permits shall expire one year from the date of
12 issue unless time extensions are granted by the EMD. Applications for extensions of time
13 shall be made in writing to the EMD at least 30 days prior to the expiration of the permit.

14 **SECTION 72-1054 – Standards for permit issuance.**

15 In determining whether the project is permissible under the provisions of this article, the
16 EMD shall consider, but not be limited to, the following criteria:

- 17 a) The necessity to conduct such coastal projects for potential benefits versus adverse
18 impacts to the coastal system to include consideration of the feasibility factors contained
19 in section 72-1056(a)(5) for armoring projects.
- 20 b) The degree, if any, of interference or reduction of public access along the beach. There
21 should be no loss or reduction to public access to the beach after construction and the
22 impact to public access during construction must be minimized to the maximum extent
23 practicable.
- 24 c) For armoring projects, the distance (linear feet) of the project from existing adjacent,
25 structurally sound seawall, bulkhead or revetment existing on the effective date of this
26 article to determine if it is located in a predominately natural coastline (PNC) area or a
27 predominately armored (non-PNC) area.
- 28 d) The ability of armoring to achieve the purpose of stabilizing the upland dune system, thus
29 protecting the upland structure from coastal erosion.
- 30 e) The condition and design of armoring on either side of the proposed site.

1 **SECTION 72-1055 – Standards for beach and dune walkovers.**

2 Beach and dune walkovers may be constructed for the purpose of maintaining or enhancing
3 pedestrian access to the beach and to minimize habitat impact where there is currently no walkover.
4 All applicable state and local permits necessary for construction of beach and dune walkovers must
5 be obtained prior to the start of construction. This section applies to new or reconstructed
6 walkovers. A reconstructed walkover is one which has sustained damage in excess of 50% of its
7 replacement value as determined by the appropriate Building Official. The following standards
8 shall apply:

- 9 a) Walkovers are required at all new public access points and adjacent to all new multi-family
10 dwelling structures, hotel or motel complexes, and other commercial establishments which
11 allow ingress and egress to the beach and lack access to existing walkover structures or
12 ramps.
- 13 b) Walkovers shall be constructed in a manner that minimizes short-term disturbances to the
14 dune system and existing vegetation. Walkovers for public access, multi-family and
15 commercial properties shall be posted by the owner with signs containing information
16 including the laws concerning prohibition of disturbing sea turtle nests, prohibitions against
17 disturbing state protected vegetation and dunes, the dates of the sea turtle nesting season
18 (May 1—October 31), the effective dates of applicable lighting restrictions, and
19 referencing the sea turtle ordinance [division 12 of this article]. Signs shall be aesthetically
20 pleasing and no larger than 2.25 square feet.
- 21 c) Replacement of any vegetation destroyed during construction of the walkover with native
22 coastal vegetation suitable for beach and dune stabilization is required. A replanting plan
23 consistent with Section 72-1057(b) must be approved by the EMD.
- 24 d) Walkovers constructed over vegetated dunes or over vegetated beach berms shall be
25 elevated above the existing vegetation and dune system. The eastern end of the walkover
26 must be within the conservation zone or no more than 10 feet from the existing toe of dune
27 or line of permanent vegetation. Walkovers should be no more than 6 feet in width.
- 28 e) All walkovers shall be designed to protect the conservation zone, natural areas, and beach
29 habitat from construction impacts and long-term pedestrian impacts.
- 30 f) Walkovers shall be constructed in accordance with FDEP regulations, which mandate the

1 preservation and restoration of the associated dune system.

2 **SECTION 72-1056 – Standards for armoring projects.**

3 a) Coastal armoring shall conform to FDEP's coastal armoring policy in addition to the
4 following criteria:

5 (1) All new and reconstructed armoring projects and emergency repairs must be
6 permitted through the appropriate state and local agencies, and shall comply with
7 this division.

8 (2) All coastal armoring permits will be reviewed by the EMD for consistency with
9 the Volusia County Sea Turtle Habitat Conservation Plan (HCP), Incidental Take
10 Permit (ITP), and division 12 of this article.

11 (3) All new and reconstructed armoring structures must be buried with an artificial
12 dune at least four feet above the existing grade, at a slope no greater than three to
13 one, and planted with the appropriate native coastal vegetation.

14 (4) All new and reconstructed dune systems shall be maintained by the property
15 owner as long as the armoring structure is in place.

16 (5) The EMD may also allow for, but is not limited to, consideration of the following
17 factors in determining the feasibility of armoring projects: (A) whether a non-
18 armored project affords similar protections of an armored project, (B) impacts of
19 historical accretion of sand along the beach and dune system, (C) historical tidal
20 influence data, and (D) existing natural dune locations. However, in making a
21 feasibility determination, the EMD will not consider cost, obstruction of view, or
22 ease of access as determinative infeasibility factors.

23 (6) *Remuneration in lieu of dune restoration.* After consideration of the permissible
24 factors contained in this section, 72-1056(a)(5) above, for determining feasibility of
25 a project, if it is determined by the EMD that the artificial dune restoration
26 requirement is not feasible at the project location due to existing beach conditions,
27 the following applies:

28 a. The applicant conducting the dune restoration activity shall, in lieu of
29 actual dune creation, pay a replacement contribution into the Volusia
30 County Dune Restoration Trust Account.

31 b. The replacement contribution will be determined using an engineer's cost

1 estimate of the total cost of the required dune restoration, including
2 placement of sand and native coastal vegetation material and installation
3 costs.

4 b) Seawall construction in the county shall be consistent with FDEP's rules and regulations and
5 shall be of a low-profile design. In addition, all new seawalls shall be designed and
6 constructed to minimize adverse impacts to adjacent properties.

7 c) All water discharge onto the beach or beach approaches, except as previously permitted, is
8 prohibited. This includes stormwater outfalls, pool draining pipes and all other types of water
9 discharge onto the beach.

10 d) New seawalls must be placed at the current line of erosion or in line with adjacent coastal
11 construction, whichever is furthest west.

12 e) It shall be a violation of this ordinance for a property owner to allow a seawall or armoring to
13 be in such disrepair that it is buckling, in danger of collapse, or causes imminent danger to the
14 public on the beach, as determined by the county engineer.

15 **SECTION 72-1057 – Standards for dune restoration or sand placement projects.**

16 a) Each dune restoration project shall be constructed with habitat compatible materials, such
17 as compatible beach sand and plants native to the region and as authorized by FDEP. A
18 dune restoration project will be required in conjunction with the replacement or
19 reconstruction of any seawalls within the county. The threshold of reconstruction requiring
20 a permit will be based on substantial damage as defined in Article 1.

21 b) All associated planting plans must show plant spacing acceptable for the size of the
22 proposed plants and in accordance with county approved planting guidelines, and all sand
23 placed adjacent to the project shall be planted.

24 c) Any beach-compatible sand extracted from construction sites on the Volusia County barrier
25 island shall not be removed from the barrier island. Provided appropriate locations are
26 available, excess sand from construction sites adjacent to the beach shall be used solely for
27 dune and beach reconstruction with a valid FDEP permit.

28 d) The Volusia County EMD shall determine the compatibility of the sand, including the
29 acceptable degree of debris, based on FDEP standards.

30 e) Compatible sand which is to be used for dune and beach reconstruction or renourishment
31 may be stockpiled at the discretion and location designated by the EMD, and must be

utilized on the beach.

SECTION 72-1058 – Restoration and cleanup.

- a) Liability for Damage. The permittee shall be liable for all damage, injury or loss to persons or property of any character arising from, or resulting from, any act of commission, omission, neglect or misconduct in the performance of work by the permittee, his/her employees or agents. The permittee shall be further liable for all damage, injury or loss to persons or property arising from, or as a result of, defective work or materials.
- b) Area Outside permitted work area. Where any work disturbs the area outside the permitted work area, including at the beach access points, the permittee shall ensure that the area is completely restored in a manner acceptable to the county. Dune sand or vegetation that is removed or destroyed shall be replaced by the permittee at his/her expense with equal types and sizes. The county may issue a stop work order to minimize further damage.
- c) Debris and Waste Removal. The permittee shall ensure that project site cleanup and property restoration follows construction/installation operations without delay. In order to maintain an acceptable site, debris and waste material shall be removed from the site daily. Site maintenance, along with ongoing cleanup and final property restoration, shall be subject to the direction and approval of the Environmental Management Director.
- d) Additional Requirements. Prior to issuance of a permit, the applicant shall provide a one-year performance guarantee at 115% of the project cost as estimated by the applicant's professional engineer or architect and verified by the EMD or LDM as appropriate. Such guarantee shall be in the form of one or more of the following: Certified check; cash deposited in an escrow account; a first mortgage on his/her property; letter of credit; or such other guarantee approved by the county attorney. EMD may waive this requirement in the event of major damage caused by a natural disaster.

SECTION 72-1059 – Dune restoration trust account.

- a) Establishment. A Volusia County Dune Restoration Trust Account is hereby established as a depository for dune restoration fees and monies.
- b) Dispersal of assets. The funds in said account shall be expended, utilized and disbursed for the placement of sand, creation of dunes, planting of native dune vegetation, or to cover any other ancillary costs including, but not limited, to items or materials necessary and proper for the preservation, maintenance, relocation or restoration of dune ecosystems on

1 any public land within Volusia County. These monies may also be utilized to engage
2 support elements such as landscape architects and additional personnel, following
3 established county procedures.

- 4 c) All monies deposited for use as specified in Sec.72-1056(a)(5) of this article, shall be
5 deposited in trust, in a separate accounting unit established and maintained apart from the
6 general revenue funds and accounts of Volusia County.

7 **SECTION 72-1060 – Appeals.**

8 The applicant may appeal a determination of the EMD to the Development Review
9 Committee (DRC), in writing, within 30 days of said determination. The DRC may uphold, modify
10 or reverse the determination of the EMD.

11 **SECTION 72-1061 – Jurisdiction.**

12 This division shall apply to the beach and beach approaches, as defined in Chapter 20,
13 Beach Code, Volusia County Code of Ordinances, whether located in incorporated area or
14 unincorporated area of Volusia County. The County will notify a municipality of receipt of a
15 permit application herein of a project within an incorporated area.

16
17 **SECTION 72-1062 – SECTION 72-1095 – Reserved.**

18 **SECTION IV:** Authorizing Inclusion in Code. The provisions of this ordinance shall be
19 included and incorporated into the Code of Ordinances of the County of Volusia, as additions or
20 amendments thereto, and shall be appropriately numbered to conform to the uniform numbering
21 system of the Code.

22 **SECTION V:** Severability. Should any word, phrase, sentence, subsection or section be
23 held by a court of competent jurisdiction to be illegal, void, unenforceable, or unconstitutional,
24 then that word, phrase, sentence, subsection or section so held shall be severed from this ordinance
25 and all other words, phrases, sentences, subsections, or sections shall remain in full force and
26 effect.

27 **SECTION VI:** Conflicting Ordinances. All ordinances, or part thereof, in conflict
28 herewith are, to the extent of such conflict, repealed.
29

1 **SECTION VII:** Effective Date. This ordinance shall take effect upon filing of a certified
2 copy by e-mail with the Department of State.

3
4 **ADOPTED BY THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, IN**
5 **OPEN MEETING DULY ASSEMBLED IN THE COUNTY COUNCIL CHAMBERS AT**
6 **THE THOMAS C. KELLY ADMINISTRATION CENTER, 123 WEST INDIANA**
7 **AVENUE, DELAND, FLORIDA, THIS 1ST DAY OF JUNE A.D., 2021.**

8
9
10 ATTEST:

COUNTY COUNCIL
COUNTY OF VOLUSIA, FLORIDA

11
12
13 _____
14 George Recktenwald
15 County Manager

Jeffrey S. Brower
County Chair



**GROWTH AND RESOURCE MANAGEMENT DEPARTMENT
PLANNING AND DEVELOPMENT SERVICES DIVISION**
123 West Indiana Avenue, DeLand, Florida 32720
(386) 736-5959

TO: Planning and Land Development Regulation Commission

DATE: April 15, 2021

SUBJECT: Ordinance No. 2020-13. Amending Chapter 72, Division 15 and Chapter 50, Division 9, regarding Beaches and Dunes.

I. BACKGROUND/HISTORY

At the request of the Volusia County Council, Environmental Management proposes to revise the Environmental Minimum Standards (Chapter 50, Division 9) and the Land Planning Ordinance (Chapter 72, Division 15) of the Code of Ordinances dealing with the protection of beaches and dunes. It is the purpose is to provide certain minimum standards that promote restoration and preservation of the vital beach and dune system along the Atlantic coast of Volusia County, Florida. The intent is to regulate coastal construction activities that affect the beach and dune system and that may degrade its natural processes and functions. All such standards shall meet or be more restrictive than the Florida Department of Environmental Protection (FDEP) standards.

A previous draft revision of Chapter 72 was reviewed and approved at the July 18, 2019 PLDRC meeting and subsequently was reviewed by municipalities and other interested groups such as Volusia County Association for Responsible Development (VCARD) and the Volusia Building Industry Association (VBIA). No comments were received from VBIA, and VCARD responded that they had no comments (attached). Several cities had questions and minor comments, which were considered in the 2019 draft. Comments from the City of Daytona Beach (letter attached) indicated that the update would not apply to a City since the activities would require a City building permit and their jurisdiction extends to the seawall, not the beach.

To ensure that there would be no question as to where the jurisdiction of the ordinance is intended to apply, draft updates now include the Environmental Minimum standards in Chapter 50, Division 9 which applies county-wide. Staff distributed the revised draft in February 2021, and received comments only from the Town of Ponce Inlet (comments attached). Those comments were addressed in the final draft of the ordinance.

Chapter 50, Division 9 & Chapter 72, Division 15, Environmental Standards for Beach and Dune Protection, were established to provide certain standards for the restoration and preservation of the beach and dune system, specifically related to construction activities. Standards were established but there was no mechanism (permit) through which to enforce the standards.

The original purpose behind these updates is two-fold. The first comes from County Council direction for addressing construction activities on the beach following a natural disaster,

specifically a hurricane. Once a hurricane passes, the Florida Department of Environmental Protection typically issues an Emergency Order granting local governments the authority to permit repairs to some residential and commercial structures damaged by the storm. During previous emergency orders, the county was unable to take this step due to the lack of a permitting process. This update provides that mechanism.

The second purpose is to ensure adequate county oversight for beach management related to private and commercial development. The emphasis is on protection of the dune system, which is the first line of defense for upland properties. The existing ordinance only addresses walkovers and armoring (such as seawalls); the proposed changes include standards for dune restoration or sand placement projects. In addition, the proposed changes provide clear standards for the restoration and cleanup of debris on the beach, and establishes a dune restoration trust account to be used in cases where the required dune restoration project has little chance of success.

This ordinance is currently, and will continue to be implemented county wide, and will be administered through Environmental Management, concurrent with any required building permits.

The proposed changes will require a fee resolution. Based on an analysis of the time spent reviewing these projects, the permit fee will be \$174 and a re-inspection fee (if needed) will be \$58.

II. ORDINANCE SUMMARY

Staff has reviewed the existing applicable regulations and is suggesting the following revisions to the Environmental Minimum Standards (Chapter 50, County Code of Ordinances) and Land Planning Ordinance (Chapter 72, Land Planning, County Code of Ordinances):

Section I: That Section 50, Environment, of the Code of Ordinances, County of Volusia is amended as follows:

- Add definition of substantial damage

Section II: Division 9, Beaches and Dunes, Article III Minimum Standards for Environmental Protection, Chapter 50 Environment, Code of Ordinances, County of Volusia, is repealed in its entirety and replaced as follows:

- Section 50-341 establishes the purpose and intent.
- Section 50-342 establishes jurisdiction.
- Section 50-343 establishes a penalty.
- Section 50-344 identifies exemptions to the ordinance.
- Section 50-346 establishes enforcement.
- Section 50-347 establishes a conservation zone.
- Section 50-348 establishes a beach and dune permit.
- Section 50-349 establishes the standards for permit issuance.
- Section 50-350 establishes standards for beach and dune walkovers.

- Section 50-531 establishes standards for armoring projects.
- Section 50-532 establishes standards for dune restoration and sand placement projects.
- Section 50-353 addresses restoration and cleanup.
- Section 50-354 addresses removal of sand from the beach.

Section I, Division 15, Environmental Standards for Beach and Dune Protection is repealed in its entirety and replaced. The pertinent sections of the ordinance are as follows:

- Section 72-1051 establishes the purpose and intent.
- Section 72-1052 identifies exemptions to the ordinance.
- Section 72-1053 establishes a beach and dune permit.
- Section 72-1054 establishes the standards for permit issuance.
- Section 72-1055 establishes standards for beach and dune walkovers.
- Section 72-1056 establishes standards for armoring projects.
- Section 72-1057 establishes standards for dune restoration and sand placement projects.
- Section 72-1058 addresses restoration and cleanup.
- Section 72-1059 establishes a dune restoration trust account.

III. CONSISTENCY WITH COMPREHENSIVE PLAN

Staff finds this amendment is consistent with the Volusia County Comprehensive Plan. The following policies of the Coastal Management Element are in support of the intent of the proposed ordinance:

- 11.1.1.1 The Volusia County Environmental Management Division will be responsible for developing management plans and standards that protect and conserve natural systems within the coastal area of unincorporated Volusia County and the county-managed beaches.
- 11.1.1.5 The County shall continue to implement site-specific conservation, management, and development review standards during the development review process. Such reviews are intended to minimize long-term and cumulative impacts on coastal habitat by requiring site specific analysis during the review process.
- 11.2.2.3 Cooperate and coordinate with local governments, state agencies, and special districts in developing consistent standards, criteria, and land development regulations for protection of coastal resources.
- 11.4.1.2 Permits for new seawalls shall only be allowed to protect health, safety, principal buildings, public infrastructure, or to fill in small between existing seawalls. All new permitting of seawalls must receive proper permits from applicable federal, state, regional, and local agencies.

- 11.4.1.3 Seawall construction in the County shall be consistent with State requirements and should be of a low profile design that relates to local beach conditions. In addition, all new seawalls shall be designed and constructed to minimize adverse effects to adjacent properties.
- 11.4.1.4 All new or reconstructed seawalls shall include a provision of a vegetated dune system.
- 11.4.1.5 Created dune systems shall be maintained to emulate natural dune systems. No dune reconstruction or maintenance shall be done during the marine sea turtle nesting season.
- 11.4.1.6 FDEP and the Volusia County Beaches and Dunes Ordinance maintain standards for the maintenance and restoration of dune areas.
- 11.4.1.7 Coastal construction shall be planned, designed, and constructed to avoid the man-made destruction or removal of existing dunes and dune vegetation. Where such impacts cannot be avoided, such impacts shall be mitigated.

IV. STAFF RECOMMENDATIONS

Staff recommends that the PLDRC find Ordinance 2021-13 consistent with the Comprehensive Plan and forward to the County Council with a recommendation of approval.

V. ATTACHMENTS

- Draft Ordinance 2021-13
- VCARD 2019 Comments
- City of Daytona Beach 2019 Comments
- Town of Ponce Inlet 2021 Comments

ORDINANCE 2021-13

AN ORDINANCE OF THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, AMENDING THE CODE OF ORDINANCES OF THE COUNTY OF VOLUSIA, BY AMENDING CHAPTER 50, SECTION 50-71 DEFINITIONS; BY ADDING SUBSTANTIAL DAMAGE DEFINITION; BY REPEALING AND REPLACING DIVISION 9, ENVIRONMENTAL STANDARDS FOR BEACH AND DUNE PROTECTION, ARTICLE III MINIMUM STANDARDS FOR ENVIRONMENTAL PROTECTION, CHAPTER 50 ENVIRONMENT AND REPEALING AND REPLACING DIVISION 15, ENVIRONMENTAL STANDARDS FOR BEACH AND DUNE PROTECTION, ARTICLE III LAND DEVELOPMENT REGULATIONS, CHAPTER 72 LAND PLANNING; BY PROVIDING FOR EXEMPT ACTIVITIES; BY PROVIDING FOR PERMITTING AND PERMIT ISSUANCE STANDARDS; BY PROVIDING FOR BEACH AND DUNE WALKOVER STANDARDS; BY PROVIDING FOR ARMORING PROJECT STANDARDS; BY PROVIDING FOR DUNE RESTORATION AND SAND PLACEMENT; BY PROVIDING FOR RESTORATION AND CLEANUP; BY PROVIDING FOR A DUNE RESTORATION TRUST ACCOUNT; PROVIDING FOR INCLUSION IN THE CODE OF ORDINANCES; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTING ORDINANCES; AND PROVIDING FOR AN EFFECTIVE DATE.

BE IT ORDAINED BY THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, AS FOLLOWS:

(Words in ~~strike through~~ type are deletions; words in underscore type are additions.)

SECTION I: That Section 50, Environment, of the Code of Ordinances, County of Volusia, is amended as follows:

...

Section 50-71. Definitions.

The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning.

Words not defined in this section shall be construed to have the meaning given by common and ordinary use as defined by Webster's New World Dictionary, Second College Edition.

...

Substantial damage. Damage of any origin sustained by a structure as assessed by the property appraiser whereby the cost of restoring the structure to its before damaged condition would equal or exceed 50 percent of the structure before the damage occurred.

...

SECTION II: Division 9, Beaches and Dunes, Article III Minimum Standards For Environmental Protection, Chapter 50 Environment, Code of Ordinances, County of Volusia, is repealed in its entirety and replaced as follows:

DIVISION 9. –BEACHES AND DUNES

SECTION 50-341 – Purpose and intent.

It is the purpose of this regulation to provide certain minimum standards that promote restoration and preservation of the vital beach and dune system along the Atlantic coast of Volusia County, Florida. The intent is to regulate coastal construction activities that affect the beach and dune system and that may degrade its natural processes and functions. All such standards shall meet or be more restrictive than the Florida Department of Environmental Protection (FDEP) standards.

SECTION 50-342 – Jurisdiction.

This division shall apply to the beach and beach approaches, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances, whether located in incorporated area or unincorporated area of Volusia County. The County will notify a municipality of receipt of a permit application herein of a project within an incorporated area.

SECTION 50-343– Penalty.

Violations of this division are punishable as provided in section 1-7.

SECTION 50-344 – Exemptions.

Activities that are exempted from this division include:

- a. Planting native coastal vegetation on property or lots abutting the Atlantic Ocean.
- b. Removal of debris, unpermitted structures or non-functioning coastal armoring.
- c. Mechanical beach cleaning, provided that it conforms to the standards contained in division 6 of this article, pertaining to sea turtle protection, if said activity is permitted by FDEP, and does not enter the Conservation Zone or the Natural Beach Management Areas.
- d. Any work performed by the United States Army Corps of Engineers (ACOE), the Florida Inland Navigation District (FIND), the Florida Department of Transportation (FDOT), the Florida Department of Environmental Protection (FDEP), or their designee.
- e. Any maintenance, repair, replacement, improvement or construction activities performed by the county on the beach or on or adjacent to any Volusia County beach approach, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances.

SECTION 50-345 – Reserved.

SECTION 50-346 – Enforcement.

Volusia County Environmental Management Division shall administer the provisions of this division countywide.

SECTION 50-347 – Conservation zone.

A conservation zone is established along the public driving portions of the Atlantic Ocean beach of the county in accordance with the standards and requirements contained in the Volusia County Sea Turtle Habitat Conservation Plan.

SECTION 50-348 – Beach and dune permit.

A permit shall be required for any excavation, erosion control activities, sand placement, dune restoration, armoring, and maintenance, repair, replacement, improvement, or construction activities related to any structure on the beach or beach approach, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances. An application for a permit shall be submitted with the required information contained in Section 72-1053 of the Code of Ordinances.

SECTION 50-349 – Standards for permit issuance.

In determining whether the project is permissible under the provisions of this article, the Environmental Management Director (EMD) shall consider, but not be limited to, the following criteria:

- a) The necessity to conduct such coastal projects for potential benefits versus adverse impacts to the coastal system to include consideration of the feasibility factors contained in section 50-351(a)(5).
- b) The degree, if any, of interference or reduction of public access along the beach. There should be no loss or reduction to public access to the beach after construction and the impact to public access during construction must be minimized to the maximum extent practicable.
- c) For armoring projects, the distance (linear feet) of the project from existing adjacent, structurally sound seawall, bulkhead or revetment existing on the effective date of this article to determine if it is located in a predominately natural coastline (PNC) area or a predominately armored (non-PNC) area.
- d) The ability of armoring to achieve the purpose of stabilizing the upland dune system, thus protecting the upland structure from coastal erosion.
- e) The condition and design of armoring on either side of the proposed site.

SECTION 50-350 – Standards for beach and dune walkovers.

Beach and dune walkovers may be constructed for the purpose of maintaining or enhancing pedestrian access to the beach and to minimize habitat impact where there is currently no walkover. All applicable state and local permits necessary for construction of beach and dune walkovers must be obtained prior to the start of construction. This section applies to new or reconstructed walkovers. A reconstructed walkover is one which has sustained damage in excess of 50% of its replacement value as determined by the appropriate Building Official. The following standards apply:

- a) Walkovers are required at all new public access points and adjacent to all new multi-family dwelling structures, hotel or motel complexes, and other commercial establishments which allow ingress and egress to the beach and lack access to existing walkover structures or ramps.
- b) Walkovers shall be constructed in a manner that minimizes short-term disturbances to the dune system and existing vegetation. Walkovers for public access, multi-family and

commercial properties shall be posted by the owner with signs containing information including the laws concerning prohibition of disturbing sea turtle nests, prohibitions against disturbing state protected vegetation and dunes, the dates of the sea turtle nesting season (May 1—October 31), the effective dates of applicable lighting restrictions, and referencing the sea turtle ordinance [division 6 of this article]. Signs shall be aesthetically pleasing and no larger than 2.25 square feet.

- c) Replacement of any vegetation destroyed during construction of the walkover with native coastal vegetation suitable for beach and dune stabilization is required. A replanting plan consistent with Section 50-352(b) must be approved by the EMD.
- d) Walkovers constructed over vegetated dunes or over vegetated beach berms shall be elevated above the existing vegetation and dune system. The eastern end of the walkover must be within the conservation zone or no more than 10 feet from the existing toe of dune or line of permanent vegetation. Walkovers should be no more than 6 feet in width.
- e) All walkovers shall be designed to protect the conservation zone, natural areas, and beach habitat from construction impacts and long-term pedestrian impacts.
- f) Walkovers shall be constructed in accordance with FDEP regulations, which mandate the preservation and restoration of the associated dune system.

SECTION 50-351 – Standards for armoring projects.

- a) Coastal armoring shall conform to FDEP's coastal armoring policy in addition to the following criteria:
 - (1) All new and reconstructed armoring projects and emergency repairs must be permitted through the appropriate state and local agencies, and shall comply with this division.
 - (2) All coastal armoring permits will be reviewed by the EMD for consistency with the Volusia County Sea Turtle Habitat Conservation Plan (HCP), Incidental Take Permit (ITP), and division 6 of this article.
 - (3) All new and reconstructed armoring structures must be buried with an artificial dune at least four feet above the existing grade, at a slope no greater than three to one, and planted with the appropriate native coastal vegetation.
 - (4) All new and reconstructed dune systems shall be maintained by the property owner as long as the armoring structure is in place.

(5) The EMD may also allow for, but is not limited to, consideration of the following factors in determining the feasibility of armoring projects: (A) whether a non-armored project affords similar protections of an armored project, (B) impacts of historical accretion of sand along the beach and dune system, (C) historical tidal influence data, and (D) existing natural dune locations. However, in making a feasibility determination, the EMD will not consider cost, obstruction of view, or ease of access as determinative infeasibility factors.

(6) Remuneration in lieu of dune restoration. If it is determined by the EMD that the artificial dune restoration requirement is not feasible at the project location due to existing beach conditions, the following applies:

- a. The applicant conducting the dune restoration activity shall, in lieu of actual dune creation, pay a replacement contribution into the Volusia County Dune Restoration Trust Account.
- b. The replacement contribution will be determined using an engineer's cost estimate of the total cost of the required dune restoration, including placement of sand and native coastal vegetation material and installation costs.
- b) Seawall construction in the county shall be consistent with FDEP's rules and regulations and shall be of a low-profile design. In addition, all new seawalls shall be designed and constructed to minimize adverse impacts to adjacent properties.
- c) All water discharge onto the beach or beach approaches, except as previously permitted, is prohibited. This includes stormwater outfalls, pool draining pipes and all other types of water discharge onto the beach.
- d) New seawalls must be placed at the current line of erosion or in line with adjacent coastal construction, whichever is furthest west.
- e) It shall be a violation of this ordinance for a property owner to allow a seawall or armoring to be in such disrepair that it is buckling, in danger of collapse, or causes imminent danger to the public on the beach, as determined by the county engineer.

SECTION 50-352 – Standards for dune restoration or sand placement projects.

- a) Each dune restoration project shall be constructed with habitat compatible materials, such as compatible beach sand and plants native to the region and as authorized by FDEP. A dune restoration project will be required in conjunction with the replacement or

1 reconstruction of any seawalls within the county. The threshold of reconstruction requiring
 2 a permit will be based on substantial damage as defined in Sec. 50-71.

- 3 b) All associated planting plans must show plant spacing acceptable for the size of the
 4 proposed plants and in accordance with county approved planting guidelines, and all sand
 5 placed adjacent to the project shall be planted.
- 6 c) Any beach-compatible sand extracted from construction sites on the Volusia County barrier
 7 island shall not be removed from the barrier island. Provided appropriate locations are
 8 available, excess sand from construction sites adjacent to the beach shall be used solely for
 9 dune and beach reconstruction with a valid FDEP permit.
- 10 d) The Volusia County EMD shall determine the compatibility of the sand, including the
 11 acceptable degree of debris, based on FDEP standards.
- 12 e) Compatible sand which is to be used for dune and beach reconstruction or renourishment
 13 may be stockpiled at the discretion and location designated by the EMD, and must be
 14 utilized on the beach.

15 **SECTION 50-353 – Restoration and cleanup.**

- 16 a) *Liability for Damage.* The permittee shall be liable for all damage, injury or loss to persons
 17 or property of any character arising from, or resulting from, any act of commission,
 18 omission, neglect or misconduct in the performance of work by the permittee, his/her
 19 employees or agents. The permittee shall be further liable for all damage, injury or loss to
 20 persons or property arising from, or as a result of, defective work or materials.
- 21 b) *Area Outside permitted work area.* Where any work disturbs the area outside the permitted
 22 work area, including at the beach access points, the permittee shall ensure that the area is
 23 completely restored in a manner acceptable to the county. Dune sand or vegetation that is
 24 removed or destroyed shall be replaced by the permittee at his/her expense with equal types
 25 and sizes. The county may issue a stop work order to minimize further damage.
- 26 c) *Debris and Waste Removal.* The permittee shall ensure that project site cleanup and
 27 property restoration follows construction/installation operations without delay. In order to
 28 maintain an acceptable site, debris and waste material shall be removed from the site daily.
 29 Site maintenance, along with ongoing cleanup and final property restoration, shall be
 30 subject to the direction and approval of the Environmental Management Director.

- d) Additional Requirements. Prior to issuance of a permit, the applicant shall provide a one-year performance guarantee at 115% of the estimated project cost. EMD may waive this requirement in the event of major damage caused by a natural disaster. This does not apply to municipal projects.

SECTION 50-354 – Removal of sand from beach area.

- a) Any beach-compatible sand either dredged from Ponce DeLeon Inlet or extracted from construction sites on the Volusia County Barrier Island shall not be removed from the barrier island. Provided appropriate locations are available, excess sand from construction sites adjacent to the beach shall be used solely for dune and beach reconstruction with a valid FDEP Permit.
- b) The county shall determine the compatibility of the sand, including the acceptable degree of debris, based on FDEP standards.
- c) Compatible sand which is to be used for dune and beach reconstruction or renourishment may be stockpiled at the discretion and location designated by the county, and must be utilized on the beach.

SECTION 50-355 – SECTION 50-370 – Reserved.

SECTION III: Division 15, Environmental Standards for Beach and Dune Protection, Article III Land Development Regulations, Chapter 72 Land Planning, Code of Ordinances, County of Volusia, is repealed in its entirety and replaced as follows:

DIVISION 15. – ENVIRONMENTAL STANDARDS FOR BEACH AND DUNE PROTECTION

SECTION 72-1051 – Purpose and intent.

It is the purpose of this regulation to provide certain standards that promote restoration and preservation of the vital beach and dune system along the Atlantic coast of Volusia County, Florida. The intent is to regulate coastal construction activities that affect the beach and dune system and that may degrade its natural processes and functions. All such standards shall meet or be more restrictive than the Florida Department of Environmental Protection (FDEP) standards.

SECTION 72-1052 – Exemptions.

Activities that are exempted from this division include:

- a) Planting native coastal vegetation on property or lots abutting the Atlantic Ocean.

- b) Removal of debris, unpermitted structures or non-functioning coastal armoring.
- c) Mechanical beach cleaning, provided that it conforms to the standards contained in division 12 of this article, pertaining to sea turtle protection, if said activity is permitted by FDEP, and does not enter the Conservation Zone or the Natural Beach Management Areas.
- d) Any work performed by the United States Army Corps of Engineers (ACOE), the Florida Inland Navigation District (FIND), the Florida Department of Transportation (FDOT), the Florida Department of Environmental Protection (FDEP), or their designee.
- e) Any maintenance, repair, replacement, improvement or construction activities performed by the county on the beach or on or adjacent to any Volusia County beach approach, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances.

SECTION 72-1053 – Beach and dune permit.

A permit shall be required for any excavation, erosion control activities, sand placement, dune restoration, armoring, and maintenance, repair, replacement, improvement, or construction activities related to any structure on the beach or beach approach, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances. An application for a permit shall be submitted with the following information:

- a) Application forms. A complete permit application shall be submitted by a property owner or authorized agent of the owner, on the approved application form(s). Submittal of an application is considered express consent for staff to inspect the property as necessary to process the application and determine compliance with ordinance requirements.
- b) Fees. Each permit application must be accompanied by the appropriate fee(s) as established by the council. The permit application fees are nonrefundable and nontransferable. Beach access fees are required at all public vehicular approaches in accordance with Chapter 20, Article VI, Division 2, and are not included in the permit application fees.
- c) Required application data. The application must be accompanied by:
 - (1) Property boundary survey. Property boundaries must be locatable in the field by the inspectors. As a minimum, property boundaries must be located and so designated to be clearly identifiable and visible on-site.
 - (2) A site plan and cross section view showing all proposed work.
 - (3) A completed copy of the appropriate Florida DEP permit, with supporting documents.

- (4) An issued Joint Coastal Permit (JCP), if applicable, for activities required to get ACOE and FDEP approval, with supporting documents and plans.
- (5) A copy of a city building permit or development order, if applicable.
- (6) Dune restoration and maintenance plan, if applicable.
- (7) Identification of proposed beach access points. Vehicles entering the Conservation Zone or Natural Beach Management Area must obtain Habitat Conservation Plan approval from the Environmental Management Director (EMD) and are responsible for all beach tolls as set forth in Chapter 20 Beach Code.
- (8) A cost estimate for the construction of the entire project, including any planting and dune restoration.
- (9) Placement and location of any sand extracted during construction and compliance with section 72-1057(a).
- (10) Other information which the EMD may reasonably require to determine whether to approve the permit.

The EMD may waive any of the requirements of the application if, in the opinion of the EMD, such information is found to be unnecessary for a proper evaluation of the proposed work.

- d) Action on permit application. The Land Development Division shall, within three (3) working days from the filing, determine if the application is complete. If it is determined that the application is incomplete, it shall be returned to the applicant. If the application is determined to be complete, the Land Development Manager (LDM) shall transmit the application and plans to the EMD. The EMD shall have fifteen (15) working days from the date of receipt from the LDM of a complete application to approve or deny the permit.
- e) Issuance of permits. If the application meets the requirements and standards of this article, the LDM shall issue the permit based upon approval by the EMD, as provided in this division, and may attach such appropriate conditions to the said permit in order to comply with the standards of section 72-1055, 72-1056, and 72-1057 of this article. The EMD may deny the permit if it does not meet such requirements and standards, stating the reasons therefor. The issuance of a permit does not create or vest any property right in the holder of the construction activity, nor does it relieve the permittee from obtaining any other

permits that may be required by the appropriate authorities.

- f) Termination of Permit. All Beach and Dune permits shall expire one year from the date of issue unless time extensions are granted by the EMD. Applications for extensions of time shall be made in writing to the EMD at least 30 days prior to the expiration of the permit.

SECTION 72-1054 – Standards for permit issuance.

In determining whether the project is permissible under the provisions of this article, the EMD shall consider, but not be limited to, the following criteria:

- a) The necessity to conduct such coastal projects for potential benefits versus adverse impacts to the coastal system to include consideration of the feasibility factors contained in section 72-1056(a)(5) for armoring projects.
- b) The degree, if any, of interference or reduction of public access along the beach. There should be no loss or reduction to public access to the beach after construction and the impact to public access during construction must be minimized to the maximum extent practicable.
- c) For armoring projects, the distance (linear feet) of the project from existing adjacent, structurally sound seawall, bulkhead or revetment existing on the effective date of this article to determine if it is located in a predominately natural coastline (PNC) area or a predominately armored (non-PNC) area.
- d) The ability of armoring to achieve the purpose of stabilizing the upland dune system, thus protecting the upland structure from coastal erosion.
- e) The condition and design of armoring on either side of the proposed site.

SECTION 72-1055 – Standards for beach and dune walkovers.

Beach and dune walkovers may be constructed for the purpose of maintaining or enhancing pedestrian access to the beach and to minimize habitat impact where there is currently no walkover. All applicable state and local permits necessary for construction of beach and dune walkovers must be obtained prior to the start of construction. This section applies to new or reconstructed walkovers. A reconstructed walkover is one which has sustained damage in excess of 50% of its replacement value as determined by the appropriate Building Official. The following standards shall apply:

- a) Walkovers are required at all new public access points and adjacent to all new multi-family

dwelling structures, hotel or motel complexes, and other commercial establishments which allow ingress and egress to the beach and lack access to existing walkover structures or ramps.

- b) Walkovers shall be constructed in a manner that minimizes short-term disturbances to the dune system and existing vegetation. Walkovers for public access, multi-family and commercial properties shall be posted by the owner with signs containing information including the laws concerning prohibition of disturbing sea turtle nests, prohibitions against disturbing state protected vegetation and dunes, the dates of the sea turtle nesting season (May 1—October 31), the effective dates of applicable lighting restrictions, and referencing the sea turtle ordinance [division 12 of this article]. Signs shall be aesthetically pleasing and no larger than 2.25 square feet.
- c) Replacement of any vegetation destroyed during construction of the walkover with native coastal vegetation suitable for beach and dune stabilization is required. A replanting plan consistent with Section 72-1057(b) must be approved by the EMD.
- d) Walkovers constructed over vegetated dunes or over vegetated beach berms shall be elevated above the existing vegetation and dune system. The eastern end of the walkover must be within the conservation zone or no more than 10 feet from the existing toe of dune or line of permanent vegetation. Walkovers should be no more than 6 feet in width.
- e) All walkovers shall be designed to protect the conservation zone, natural areas, and beach habitat from construction impacts and long-term pedestrian impacts.
- f) Walkovers shall be constructed in accordance with FDEP regulations, which mandate the preservation and restoration of the associated dune system.

SECTION 72-1056 – Standards for armoring projects.

- a) Coastal armoring shall conform to FDEP's coastal armoring policy in addition to the following criteria:
 - (1) All new and reconstructed armoring projects and emergency repairs must be permitted through the appropriate state and local agencies, and shall comply with this division.
 - (2) All coastal armoring permits will be reviewed by the EMD for consistency with the Volusia County Sea Turtle Habitat Conservation Plan (HCP), Incidental Take Permit (ITP), and division 12 of this article.

(3) All new and reconstructed armoring structures must be buried with an artificial dune at least four feet above the existing grade, at a slope no greater than three to one, and planted with the appropriate native coastal vegetation.

(4) All new and reconstructed dune systems shall be maintained by the property owner as long as the armoring structure is in place.

(5) The EMD may also allow for, but is not limited to, consideration of the following factors in determining the feasibility of armoring projects: (A) whether a non-armored project affords similar protections of an armored project, (B) impacts of historical accretion of sand along the beach and dune system, (C) historical tidal influence data, and (D) existing natural dune locations. However, in making a feasibility determination, the EMD will not consider cost, obstruction of view, or ease of access as determinative infeasibility factors.

(6) Remuneration in lieu of dune restoration. After consideration of the permissible factors contained in this section, 72-1056(a)(5) above, for determining feasibility of a project, if it is determined by the EMD that the artificial dune restoration requirement is not feasible at the project location due to existing beach conditions, the following applies:

a. The applicant conducting the dune restoration activity shall, in lieu of actual dune creation, pay a replacement contribution into the Volusia County Dune Restoration Trust Account.

b. The replacement contribution will be determined using an engineer's cost estimate of the total cost of the required dune restoration, including placement of sand and native coastal vegetation material and installation costs.

b) Seawall construction in the county shall be consistent with FDEP's rules and regulations and shall be of a low-profile design. In addition, all new seawalls shall be designed and constructed to minimize adverse impacts to adjacent properties.

c) All water discharge onto the beach or beach approaches, except as previously permitted, is prohibited. This includes stormwater outfalls, pool draining pipes and all other types of water discharge onto the beach.

d) New seawalls must be placed at the current line of erosion or in line with adjacent coastal

1 construction, whichever is furthest west.

- 2 e) It shall be a violation of this ordinance for a property owner to allow a seawall or armoring
 3 to be in such disrepair that it is buckling, in danger of collapse, or causes imminent danger
 4 to the public on the beach, as determined by the county engineer.

5 **SECTION 72-1057 – Standards for dune restoration or sand placement projects.**

- 6 a) Each dune restoration project shall be constructed with habitat compatible materials, such
 7 as compatible beach sand and plants native to the region and as authorized by FDEP. A
 8 dune restoration project will be required in conjunction with the replacement or
 9 reconstruction of any seawalls within the county. The threshold of reconstruction requiring
 10 a permit will be based on substantial damage as defined in Article 1.
- 11 b) All associated planting plans must show plant spacing acceptable for the size of the
 12 proposed plants and in accordance with county approved planting guidelines, and all sand
 13 placed adjacent to the project shall be planted.
- 14 c) Any beach-compatible sand extracted from construction sites on the Volusia County barrier
 15 island shall not be removed from the barrier island. Provided appropriate locations are
 16 available, excess sand from construction sites adjacent to the beach shall be used solely for
 17 dune and beach reconstruction with a valid FDEP permit.
- 18 d) The Volusia County EMD shall determine the compatibility of the sand, including the
 19 acceptable degree of debris, based on FDEP standards.
- 20 e) Compatible sand which is to be used for dune and beach reconstruction or renourishment
 21 may be stockpiled at the discretion and location designated by the EMD, and must be
 22 utilized on the beach.

23 **SECTION 72-1058 – Restoration and cleanup.**

- 24 a) *Liability for Damage.* The permittee shall be liable for all damage, injury or loss to persons
 25 or property of any character arising from, or resulting from, any act of commission,
 26 omission, neglect or misconduct in the performance of work by the permittee, his/her
 27 employees or agents. The permittee shall be further liable for all damage, injury or loss to
 28 persons or property arising from, or as a result of, defective work or materials.
- 29 b) *Area Outside permitted work area.* Where any work disturbs the area outside the permitted
 30 work area, including at the beach access points, the permittee shall ensure that the area is
 31 completely restored in a manner acceptable to the county. Dune sand or vegetation that is

1 removed or destroyed shall be replaced by the permittee at his/her expense with equal types
 2 and sizes. The county may issue a stop work order to minimize further damage.

3 c) Debris and Waste Removal. The permittee shall ensure that project site cleanup and
 4 property restoration follows construction/installation operations without delay. In order to
 5 maintain an acceptable site, debris and waste material shall be removed from the site daily.
 6 Site maintenance, along with ongoing cleanup and final property restoration, shall be
 7 subject to the direction and approval of the Environmental Management Director.

8 d) Additional Requirements. Prior to issuance of a permit, the applicant shall provide a one-
 9 year performance guarantee at 115% of the estimated project cost. EMD may waive this
 10 requirement in the event of major damage caused by a natural disaster.

11 **SECTION 72-1059 – Dune restoration trust account.**

12 a) Establishment. A Volusia County Dune Restoration Trust Account is hereby established as
 13 a depository for dune restoration fees and monies.

14 b) Dispersal of assets. The funds in said account shall be expended, utilized and disbursed for
 15 the placement of sand, creation of dunes, planting of native dune vegetation, or to cover
 16 any other ancillary costs including, but not limited, to items or materials necessary and
 17 proper for the preservation, maintenance, relocation or restoration of dune ecosystems on
 18 any public land within Volusia County. These monies may also be utilized to engage
 19 support elements such as landscape architects and additional personnel, following
 20 established county procedures.

21 c) All monies deposited for use as specified in Sec.72-1056(a)(5) of this article, shall be
 22 deposited in trust, in a separate accounting unit established and maintained apart from the
 23 general revenue funds and accounts of Volusia County.

24 **SECTION 72-1060 – Appeals.**

25 The applicant may appeal a determination of the EMD to the Development Review
 26 Committee (DRC), in writing, within 30 days of said determination. The DRC may uphold, modify
 27 or reverse the determination of the EMD.

28 **SECTION 72-1061 – Jurisdiction.**

29 This division shall apply to the beach and beach approaches, as defined in Chapter 20,
 30 Beach Code, Volusia County Code of Ordinances, whether located in incorporated area or

unincorporated area of Volusia County. The County will notify a municipality of receipt of a permit application herein of a project within an incorporated area.

SECTION 72-1062 – SECTION 72-1095 – Reserved.

SECTION IV: Authorizing Inclusion in Code. The provisions of this ordinance shall be included and incorporated into the Code of Ordinances of the County of Volusia, as additions or amendments thereto, and shall be appropriately numbered to conform to the uniform numbering system of the Code.

SECTION V: Severability. Should any word, phrase, sentence, subsection or section be held by a court of competent jurisdiction to be illegal, void, unenforceable, or unconstitutional, then that word, phrase, sentence, subsection or section so held shall be severed from this ordinance and all other words, phrases, sentences, subsections, or sections shall remain in full force and effect.

SECTION VI: Conflicting Ordinances. All ordinances, or part thereof, in conflict herewith are, to the extent of such conflict, repealed.

SECTION VII: Effective Date. This ordinance shall take effect upon filing of a certified copy by e-mail with the Department of State.

ADOPTED BY THE COUNTY COUNCIL OF VOLUSIA COUNTY, FLORIDA, IN OPEN MEETING DULY ASSEMBLED IN THE COUNTY COUNCIL CHAMBERS AT THE THOMAS C. KELLY ADMINISTRATION CENTER, 123 WEST INDIANA AVENUE, DELAND, FLORIDA, THIS ___ DAY OF _____ A.D., 2021.

ATTEST:

COUNTY COUNCIL
COUNTY OF VOLUSIA, FLORIDA

George Recktenwald
County Manager

Jeffrey S. Brower
County Chair

From: "Kerry Karl" <kerry@responsibledevelopment.com>
To: "Yolanda Somers" <ysomers@volusia.org>
CC: <laura@vbia.com>, "Clay Ervin" <cervin@volusia.org>, "Ginger Adair" <gadair@volusia.org>, "Jessica Flowers" <jrflowers@volusia.org>, "Rob Walsh" <rwalsh@volusia.org>, "Susan Jackson" <sjackson@volusia.org>
Date: 7/18/2019 10:39 AM
Subject: Re: Review Request: Volusia County Proposed Ordinance

Hi Yolanda,
 I double-checked and there are no comments from our members; VCARD has no issues with the proposed changes.

All the best,
 Kerry

Kerry Symolon Karl
 Executive Director
 Volusia County Association for Responsible Development
 126 East Orange Ave | Daytona Beach, FL 32114
 P. 386.523.3671
 C. 407.967.8723
www.responsibledevelopment.com

—Original Message—
 From: "Yolanda Somers" <ysomers@volusia.org>
 Sent: Wednesday, July 17, 2019 12:09pm
 To: kerry@responsibledevelopment.com, laura@vbia.com
 Cc: "Clay Ervin" <CErin@volusia.org>, "Ginger Adair" <GAdair@volusia.org>, "Jessica Flowers" <JRFlowers@volusia.org>, "Rob Walsh" <RWalsh@volusia.org>, "Susan Jackson" <SJackson@volusia.org>
 Subject: Re: Review Request: Volusia County Proposed Ordinance

Good morning,

The first public hearing for this ordinance is tomorrow and I still do not have any comments. Will there be any comments prior to tomorrow or by council hearing on September 3.

Thank you for your continued support and cooperation.

Sincerely,

Yolanda Somers

>>> Yolanda Somers 06/26/19 9:39 AM >>>
 Good Morning,

Volusia County is proposing an ordinance amendment repealing and replacing Division 15, Environmental Standards for Beach and Dune Protection, Article III Land Development Regulations, Chapter 72 Land Planning, Code of Ordinances, County of Volusia.

Please review the attached drafted item for the Planning & Land Development Regulation Commission to be held on July 18, 2019. If you could please have any comments provided to staff no later than July 2, 2019, it would be greatly appreciated.

Thank you,

Yolanda Somers
 Staff Assistant II
 Planning and Development Services
 T: 386) 736-5959 #12777
 F: 386) 626-6570
 Email: ysomers@volusia.org



The CITY OF DAYTONA BEACH

— "THE WORLD'S MOST FAMOUS BEACH" —

Office of the Deputy City Manager/Administrative and
Development Services Department

November 22, 2019

Mr. Clay Ervin
Growth & Resource Management
Volusia County
123 West Indian Ave., Room 200
DeLand, FL 32720

Re: Proposed Beach and Dunes Ordinance

Dear Clay:

Please accept this letter as my response and comments regarding the proposed Beach and Dunes ordinance. The draft ordinance that I have reviewed and commented on is attached hereto as Exhibit A. My comments are offered as the Deputy City Manager of Daytona Beach charged with managing the City's Permits and Licensing office and also the Planning and Redevelopment office.

The County's actions in relation to this ordinance are taken under the auspices of the Section 205 of the county charter.

Charter section 205.6 provides: Definition of beach and approach.

"Beach" refers to lands and waters lying seaward of the seawall or line of permanent vegetation and within three miles seaward of the mean low water mark, and "approach" refers to property over which there exists a public right of way by title, dedication, prescription, custom, or otherwise for beach ingress and egress between the beach and the easternmost north-south roadway. All beaches and approaches within and without municipalities are included. (emphasis added)

Pursuant to the county charter, the County's jurisdiction in the city of Daytona Beach is limited to "the beach". To apply a line to determine the location of "the beach" the charter states, "lands and waters lying seaward [east] of the seawall..."

The City has previously corresponded (copies attached) with the County relating to a County proposal to build off beach structures on upland property (the Sun & Surf Motel site) without obtaining City site plan approval and City building permits. The City has steadfastly

maintained, and still does maintain, that the County's jurisdiction and authority to regulate activity in Daytona Beach is limited to the beach and approaches thereto. The proposed ordinance purports to establish County authority to regulate structures to wit: seawalls; that by definition are not constructed on the beach but rather next to the beach. Without charter provisions empowering the County to undertake the regulation, regardless of the fact that the County has passed ordinances purporting to regulate beyond the area of the beach, the ordinances are irrelevant and of no affect. Construction located next to the beach is only within the jurisdiction of the City of Daytona Beach and the State of Florida. The County's jurisdiction stops at the eastern base of the seawall.

The jurisdiction claimed by the County has the appearance of being the equivalent jurisdiction claimed by or afforded to the State of Florida. In the event of conflict the State of Florida rules and regulations are superior to and pre-empt the County's regulations. A question that must be answered is whether or not the county ordinance proposed here is preempted by the State of Florida. Respectfully, it is requested than an opinion on this point be rendered by County legal staff and delivered to the City for evaluation.

Even if the County's proposal to regulate construction off the beach is not preempted by the State, or excluded by the City's police power the question of necessity and public benefit remains. What is the legitimate purpose accomplished by this ordinance that is not already addressed by the rules and regulations of the State of Florida and the City of Daytona Beach?

The draft ordinance provisions relating permit application indicates that the [County] land development division shall, within 3 working days of the filing if the application determine is complete or not. The language does not affirmatively require the County to notify the applicant that in fact the application is complete. In order to keep the record clear and let everyone understand the status of the permitting process, the language of the ordinance should state the presumption that if within 4 business days the applicant has not been put on notice that the application is incomplete, the application is presumed to be complete and County staff shall process it. The form of notice should be both electronic and by mail and capable of being produced for review to establish the County staff's compliance with the time line established by the ordinance.

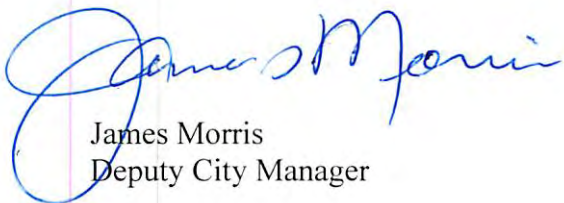
In regard to standards for armoring projects, the ordinance provides for remuneration, [to the County by the property owner obtaining the County permit] if it is determined by the County that the artificial dune restoration requirement, due to existing beach conditions, is not feasible at the project location. In that event the applicant shall, in lieu of actual restoration pay a replacement contribution into the Volusia County Beach and Dune Restoration Trust account. The replacement contribution will be determined using an engineer's estimate of total cost required for restoration including placement of sand and installation of coastal vegetation and installation costs. The ordinance contains no requirements that the money collected from within the boundary of a particular jurisdiction shall be spent to accomplish beach projects within the corporate limits of the jurisdiction that generated the payment. Payments generated in Daytona Beach could be spent in Ormond by the Sea or at the south end of New Smyrna Beach. There is no rational nexus to support that action. Additionally the process does not address current conditions in existence prior to commencement of the project. In Daytona Beach particularly virtually any site that may be developed or redeveloped has no existing

sand dunes. Due to tidal levels there is no likelihood that a dune restoration in this area will survive the first northeaster to come along. The provision relating to remuneration should be rewritten or dropped from the ordinance. An amendment should include credit or grandfathering provisions applied to developed properties that are being redeveloped and properties that have no dunes existing.

The draft ordinance requires that all new and reconstructed dune systems shall be maintained in perpetuity by the property owner. The requirement effectively requires a property owner to become the permanent insurer of a section of the beach. That provision may be illegal by causing private property owners to personally pay to provide a benefit to the public. Dunes do not exist in perpetuity. If the ordinance is valid, the proper standard to apply to the problem would be that a property owner shall build and stabilize the dune system, as needed to mitigate the impact they caused. Stabilization shall be accomplished by the planting plan approved by the permitting agency. Once that planting plan is completed and the vegetation has taken hold, the obligation of the property owner to further maintain the dune system should be dismissed as a part of permit completion. Otherwise private properties that currently not have an obligation to ensure the dune preservation will be saddled with the obligation by virtue of having developed or redeveloped property that they privately own. This cost may deter needed redevelopment within the City of Daytona Beach.

In broad terms, the ordinance should not be considered as written. The threshold question of whether and why there is a need for the ordinance and related bureaucracy and delay occasioned by one more permit review should be debated and addressed by the elected officials. Respectfully I would contend that the ordinance is unnecessary in that FDEP already regulates seawall construction and mitigation. And finally, the County's authority to regulate is to regulate activity "on the beach". Elected officials should require the County's legal staff to prepare and publish a written legal opinion that explains and corroborate the County's authority to regulate as asserted, but not proven, in the draft ordinance.

With best regards,



James Morris
Deputy City Manager

From: Mike Disher <mdisher@ponce-inlet.org>
To: Clay Ervin <cervin@volusia.org>, Ginger Adair <GAdair@volusia.org>, RussBrown <rbrown@volusia.org>
CC: Jeaneen Witt <jwitt@ponce-inlet.org>
Date: 2/16/2021 10:09 AM
Subject: [EX] FW: County beach permit ordinance

CAUTION: This email originated from outside Volusia County's email system. **DO NOT CLICK** links or attachments unless you recognize the sender and/or know the content is safe.

Clay, Ginger, Russ,

Jeaneen asked me to reach out to you in response to the latest draft of the County's beach permit ordinance. We greatly appreciate the work that has been done to date to address the Town's concerns. At this point the Town is requesting only a few minor clarifications, noted below:

1. Sec. 72-1056(a)(6) – Remuneration in lieu of dune restoration (see pg. 13, line 13) – The latest version removes the cross-reference to the factors the EMD must consider in determining the feasibility of armoring/dune restoration projects. The previous draft on 10-18-19 included the words, "After consideration of the permissible factors contained in this section, 72-1056(a)(5) above, for determining feasibility of a project..." Paragraph (a)(5) had been added to establish clear criteria for the EMD's decisions on whether a project is feasible or payment into the Restoration Trust Account would be required. The Town had requested the criteria to remove some of the apparent subjectivity from the EMD's decision-making process, per the Mayor's 9-12-19 letter. **The Town respectfully requests that the cross-reference to the criteria be retained.**
2. Secs. 50-342 and 72-1061 – Jurisdiction (see pg. 2, line 22 and pg. 15, line 29) – In Sec. 50-342, the language states that, "The County will endeavor to notify a municipality of receipt of a permit application herein of a project within an incorporated area." In Under Sec. 72-1061, this sentence is not included, although the rest of the wording in the paragraph is identical. **The Town asks that this sentence be added Sec. 72-1061.** The Town believes such coordination is important, especially in situations where the review from one agency causes changes to the permit issued by the other for the same project or structure. **The Town would also again request that the words "endeavor to" to be stricken.** We are happy to work with the County to establish mutually beneficial notification procedures for beach projects in Ponce Inlet.

Thank you very much for your consideration of these items. Please feel free to contact me with any questions or concerns.

Sincerely,

Michael E. Disher, AICP, CNU-A
 Assistant Director
 Planning & Development Department
 Town of Ponce Inlet
 4300 S. Atlantic Avenue
 Ponce Inlet, FL 32127
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 (386) 236-2183



PLANNING AND LAND DEVELOPMENT REGULATION COMMISSION
PUBLIC HEARING HELD
April 15, 2021

All members present.

O-21-060 – Proposed Ordinance 2021-13 amending Chapter 72, Division 15 and Chapter 50, Division 9 regarding Beaches and Dunes, of the Code of Ordinances of Volusia County.

Ginger Adair, Environmental Management Director, presented the staff report. She explained the history of the Beach and Dunes Standards. The minimum standards for Environmental Protection was adopted in 1988 pursuant to the Volusia County Charter Section 202.4. Implementation of these standards are through the Volusia County Land Development Code, Chapter 72, Division 15 that was adopted in 1992 and last updated in 2008. This ordinance was heard by the commission in July 2019 but was not heard by the County Council due to Hurricane Dorian. We received comments from the City of Daytona Beach that staff needed to review and address before moving forward. As a result, the Ordinance was modified to include revisions to both Chapter 50 and Chapter 72. The revisions include requiring a permit from Volusia County for coastal armoring, walkovers, and sand placement/dune restoration and planting projects. This ordinance establishes standards for restoration and cleanup of debris on the beach, a Dune Replacement Trust Account for payment of dune restoration funds, and review and inspection fee. It also allows for enforcement, declares derelict seawalls to be a violation and prohibits any new discharge of water on to the beach. She provided revised page 8 Section 50-353 (d) and 15 Section 72-1058(d) of 16 Ordinance 2021-13 adding language about the construction bond to be consistent with other sections of the code. This drafted ordinance was provided to the public, VCARD, Volusia Building Industry Association, to the Environmental Coalition of Volusia and Flagler Counties, and to all the municipalities. Staff has included the responses from the Town of Ponce Inlet which had two requests that were incorporated into the ordinance, and the response from the City of Oak Hill which had no comments. Staff recommended finding the proposed Ordinance 2021-13 consistent with the Comprehensive Plan and forward case O-21-060 to the County Council for final action with a recommendation of approval.

Member Frank Costa inquired about Mr. Morris's comment on Page 24 and if it had been addressed.

Ms. Adair responded that the standards currently required the maintenance of the dune in perpetuity and the proposed ordinance makes it easier for the property owner to comply and our legal staff determined that it was not illegal.

Paolo Soria, Senior Assistant County Attorney, commented that one of the primary purposes of this type of ordinance is to prevent the nuisance from occurring such as neglected seawalls and dune systems. The Trust Account is an alternative to reconstructing of the dune system.

Excerpt from the minutes of the PLDRC hearing of April 15, 2021. *These minutes have not been approved by the PLDRC and are therefore UNOFFICIAL AND SUBJECT TO CHANGE OR CORRECTION.*

1 Member Frank Costa inquired about Mr. Morris' comment that FDEP already handles this
2 so this is unnecessary.

3
4 Mr. Soria replied that one of the issues was that someone fails to complete construction
5 on the beach, the proposed language provided protection to allow the County to step in
6 and enforce the compliance and/or use the performance guarantee to clean it up.

7
8 Member Frank Costa asked that in the future if there is specific comments such as these
9 that the rebuttal is provided too.

10
11 Ms. Adair stated that a formal rebuttal was not sent. It was decided that the amendment
12 should be to Chapter 50 as well as it does apply County-wide.

13
14 Member Richard Feller inquired about the Town of Ponce Inlet comments.

15
16 Ms. Adair confirmed that those comments were addressed in the proposed ordinance.

17
18 Chair Ronnie Mills inquired about the fees.

19
20 Ms. Adair explained that the applicant would provide a cost estimate to do the work and
21 the trust account contribution would be assessed based on that.

22
23 Chair Ronnie Mills inquired how it would be handled if someone would rather pay the trust
24 account fee instead of doing the maintenance.

25
26 Ms. Adair replied that the use of the Trust Account option was at the discretion of the
27 County not the property owner. The property owner may request it and there are criteria
28 for staff to review the request.

29
30 Chair Ronnie Mills inquired about the timing for dune restoration after a storm or obtaining
31 a permit.

32
33 Mr. Soria commented that a statutory requirement would apply if the ordinance was silent.

34
35 Ms. Adair provided the ordinance does provide a timeframe and the review would be
36 taking place concurrently with the building permit for the structures.

37
38 **Member Jay Young MOVED to FIND the Ordinance 2021-13 CONSISTENT with the**
39 **comprehensive plan and FORWARD to County Council with a recommendation of**
40 **APPROVAL as amended. Member Richard Feller SECONDED the motion. Motion**
41 **CARRIED unanimously (7:0).**

O-21-060

Proposed Ordinance 2021-13 amending Chapter 72, Division 15 and Chapter 50, Division 9 regarding Beaches and Dunes, of the Code of Ordinances of Volusia County. This case is tentatively scheduled for the June 1, 2021, County Council hearing.

Beach and Dune Standards

- First adopted in 1988 as part of the Minimum Standards for Environmental Protection, pursuant to Volusia County Charter Section 202.4
- Implemented through the Volusia County Land Development Code, Chapter 72, Division 15, adopted in 1992, last updated in 2008.

Purpose:

“to promote restoration and preservation of the vital beach and dune system along the Atlantic coast of the county. The intent is to regulate coastal construction and activities that affect the beach and dune system and that may degrade its natural processes and functions, All such standards shall meet or be more restrictive than the state department of environmental protection standards.”

Beach and Dune Ordinance changes

Changes to both the county wide minimum standard (Chapter 50), and the Land Development Code (Chapter 72)

- Requires a permit from Volusia County for:
 - Coastal armoring
 - Walkovers
 - Sand placement/dune restoration and planting projects
- Creates standards for restoration and cleanup of debris on the beach
- Allows for enforcement
- Establishes a Dune Replacement Trust Account for payment of dune restoration funds in lieu of on-site projects, if determined by Environmental Management that restoration is not feasible
- Establishes a review and inspection fee
- Prohibits any new discharge of water on to the beach
- Declares derelict seawalls to be a violation

47

STAFF RECOMMENDATION

Staff recommends that the PLDRC find Ordinance 2021-13 consistent with the Comprehensive Plan and forward to the County Council with a recommendation of approval.

O-21-060

	Chapter 50, Division 9	
Section I	Original language	Change
50-71 Definitions	no definitions in original	Added definition for <i>Substantial damage</i> . Damage of any origin sustained by a structure as assessed by the property appraiser whereby the cost of restoring the structure to its before damaged condition would equal or exceed 50 percent of the structure before the damage occurred.
Section II	Original language	Change
Sec. 50-341. - Purpose and intent.	It is the purpose of this division to provide certain minimum standards that promote restoration and preservation of the vital beach and dune system along the Atlantic coast of the county. The intent is to regulate coastal construction and activities that affect the beach and dune system and that may degrade its natural processes and functions. All such standards shall meet or be more restrictive than the state department of environmental protection standards.	It is the purpose of this regulation to provide certain minimum standards that promote restoration and preservation of the vital beach and dune system along the Atlantic coast of Volusia County, Florida. The intent is to regulate coastal construction activities that affect the beach and dune system and that may degrade its natural processes and functions. All such standards shall meet or be more restrictive than the Florida Department of Environmental Protection (FDEP) standards.
Sec. 50-342. - Penalty.	Violations of this division are punishable as provided in section 1-7.	Same language, moved to Sec. 50-343
		New Sec. 50-342 - Jurisdiction
		This division shall apply to the beach and beach approaches, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances, whether located in the incorporated area or unincorporated area of Volusia County. The County will endeavor to notify a municipality of receipt of a permit application herein of a project within an incorporated area.
Sec. 50-343. - Exemptions.	Activities that are exempt from this division include:	Moved to Sec. 50-344
(a)	Dune restoration projects that include sand placement and revegetation with native coastal vegetation dune plants on property or lots abutting the Atlantic Ocean.	Sec. 50-344 a. Planting native coastal vegetation on property or lots abutting the Atlantic Ocean.
(b)	Installing end returns on existing seawalls, bulkheads or revetments designed and constructed consistent with the standards contained in the most current version of the U.S. Army Corps of Engineers Coastal Engineering Manual, which depicts proper techniques for minimizing wave current edge effects.	Removed. Replaced with Sec. 50-344 b. Removal of debris, unpermitted structures or non-functioning coastal armoring.
(c)	Dune planting, sand depositing or sand fencing, which has been approved by department of environmental protection, or other activities that serve to promote the natural function of the beach environment.	Removed
(d)	Mechanical beach cleaning, provided that it conforms to the standards contained in division 6 of this c	Sec. 50-344 c. Mechanical beach cleaning, provided that it conforms to the standards contained in division 6 of this article, pertaining to sea turtle protection, if said activity is permitted by FDEP, and does not enter the Conservation Zone or the Natural Beach Management Areas.
		Added Sec. 50-344 d. Any work performed by the United States Army Corps of Engineers (ACOE), the Florida Inland Navitgation District (FIND), the Florids Department of Transportation (FDOT), the Florida Department of Environmnetal Protection (FDEP), or their designee.
		Added Sec. 50-344 e. Any maintenance, repair, replacement, improvement or construction activities performed by the county on the beach or adjacent to any Volusia County beach approach, as defined in Chapter 20, Beach Code, Volusia Code of Ordinances.
Sec. 50-344. - Adoption of standards by municipalities.	The governing body of each affected municipality in the county shall, no later than 120 days after any amendment of this article, submit to the county council an ordinance established in compliance with this division. Prior to this date, however, any municipality may elect to authorize the county to administer this division within that municipality. The county council shall review each submitted ordinance for compliance with this division. Each municipality shall be informed of the acceptability of its ordinance or of the need for revision. If a municipal ordinance is not enacted or submitted by the required date, or if the submittal is not in compliance with this division, the county council may enforce the county beach and dune ordinance in noncomplying municipalities as provided in section	Removed
Sec. 50-345. - Reserved.	Editor's note— Ord. No. 2004-17, § II, adopted Oct. 21, 2004, deleted § 50-345, which pertained to administrative procedures for permit applications, variances and appeals, and was derived from Ord. No. 88-15, § 909, adopted May 19, 1988, and Ord. No. 91-42, § II, adopted Dec. 5, 1991.	Removed outdated Municode reference to old ordinance changes which are no longer applicable because we are repealing and replacing the entire ordinance.
Sec. 50-346. - Enforcement.		
(a)	Volusia County Environmental Management Division shall administer the provisions of this division countywide unless a municipality adopts a separate ordinance.	Volusia County Environmental Management Division shall administer the provisions of this division countywide.

	(b) Each municipality that adopts a separate ordinance shall provide for the enforcement of the provisions set forth in this division and all conditions attached to coastal construction permitting activity. Such enforcement mechanisms shall include but are not limited to stop work orders, injunctions or imposition of penalties, fines and liens as provided by law	Removed.
Sec. 50-347. - Conservation zone.		
	(a) <i>Established; purpose.</i> A protection zone shall be established along the entire Atlantic Ocean beach of the county. The purpose of this zone is to encourage the natural function of the beach.	A conservation zone is established along the entire Atlantic Ocean beach of the county in accordance with the standards and requirements contained in the Volusia County Sea Turtle Habitat Conservation Plan.
	(b) <i>Location.</i> This zone shall be established 30 feet seaward from the seaward toe of the most seaward dune, dune scarp or manmade structure, or half the distance to mean high-water level, whichever is the lesser in transitional areas and 15 feet in urban areas.	Removed. These standards are in the Habitat Conservation Plan referenced above.
	(c) <i>Management plan.</i> A conservation zone management plan shall be established by the county in commission for the purpose of standardization along the beach area.	Removed. These standards are in the Habitat Conservation Plan referenced above.
	(1) A program regulating all vehicle activities within the conservation zone, except at vehicle accessways, shall be implemented.	Removed. These standards are in the Habitat Conservation Plan referenced above.
	(2) Preservation of existing natural vegetation, which must remain undisturbed and protected, includes but is not limited to a table of plants that is to be maintained and updated by Volusia County Environmental Management.	Removed. Regulated by state statute.
	(3) Additional natural vegetation may be planted and maintained for those areas where necessary and/or beneficial.	Removed.
	(4) The installation of fencing or other structures as approved by state and county agencies is encouraged to assist in sand catching.	Removed.
	(5) Artificial dune construction is encouraged.	Removed. Covered in Section 72-351(a)(3).
	(6) All permitted armoring projects must be fronted or covered by artificial dunes with vegetation. Measures shall be established to ensure longterm maintenance [is] created	Removed. Covered in Section 72-351(a)(3).
Sec. 50-348. - Access standards.		Moved to Sec. 50-350 - Standards for Beach and Dune Walkovers
	(a) Beach and dune walkovers may be constructed for the purpose of maintaining or enhancing pedestrian access to the beach and to minimize habitat impact where there is currently no walkover. A valid permit is required prior to the start of construction of beach and dune walkovers from the appropriate state and local agencies.	Sec. 50-350. Beach and dune walkovers may be constructed for the purpose of maintaining or enhancing pedestrian access to the beach and to minimize habitat impact where there is currently no walkover. All applicable state and local permits necessary for construction of beach and dune walkovers must be obtained prior to the start of construction. This section applies to new or reconstructed walkovers. A reconstructed walkover is one which has sustained damage in excess of 50% of its replacement value as determined by the appropriate Building Official. Standards:
	(b) Walkovers are required at all new public access points and adjacent to all new multifamily dwelling structures, hotel/motel complexes and other commercial establishments which allow ingress and egress to the beach, and lack access to existing walkover structures or ramps.	Moved to Sec. 50-530 a). Same language.
	(c) All applicable permits from other regulatory agencies, such as the state department of environmental protection, shall be received before issuance of a county or local government building permit for the walkover.	Removed. The county is prohibited from requiring other permits prior to issuance.
	(d) Walkovers shall be constructed in a manner that minimizes short-term disturbances to the dune system and existing vegetation. The walkover shall be posted with signs containing information including the laws concerning the prohibition of disturbing sea turtle nests, dates indicating sea turtle nesting season (May 1—October 31), applicable lighting regulations effective during the nesting season and prohibitions against disturbing state protected vegetation and dunes.	Moved to Sec. 50-350 b) Walkovers shall be constructed in a manner that minimizes short-term disturbances to the dune system and existing vegetation. Walkovers for public access, multi-family and commercial properties shall be posted by the owner with signs containing information including the laws concerning prohibition of disturbing sea turtle nests, prohibitions against disturbing state protected vegetation and dunes, the dates of the sea turtle nesting season (May 1—October 31), the effective dates of applicable lighting restrictions, and referencing the sea turtle ordinance [division 6 of this article]. Signs shall be aesthetically pleasing and no larger than 2.25 square feet.
	(e) Replacement of any vegetation destroyed during construction of the walkover with similar plants suitable for beach/dune stabilization is required. Replanting must be accomplished with native coastal vegetation suitable for beach and dune stabilization in accordance with the list of acceptable plants referenced in section 50-347(c)(2) of this division.	Moved to Sec. 50-350 c) Replacement of any vegetation destroyed during construction of the walkover with native coastal vegetation suitable for beach and dune stabilization is required. A replanting plan consistent with Section 50-352(b) must be approved by the EMD.

	(f) Walkovers constructed over vegetated dunes or over vegetated beach berms shall be elevated above the vegetation and dune system.	Moved to Sec. 50-350 d) Walkovers constructed over vegetated dunes or over vegetated beach berms shall be elevated above the existing vegetation and dune system. The eastern end of the walkover must be within the conservation zone or no more than 10 feet from the existing toe of dune or line of permanent vegetation. Walkovers should be no more than 6 feet in width.
	(g) All walkovers shall be designed to protect the conservation zone, natural areas, and beach habitat from construction impacts and long-term pedestrian impacts.	Moved to Sec. 50-350 e).
	(h) All new or replaced walkovers shall be constructed in accordance with the state department of environmental protection regulations, which mandates the preservation and restoration of the associated dune system.	Moved to Sec. 50-350 f) Walkovers shall be constructed in accordance with FDEP regulations, which mandate the preservation and restoration of the associated dune system.
		New Sec. 50-348 - Beach and Dune Permit
		A permit shall be required for any excavation, erosion control activities, sand placement, dune restoration, armoring, and maintenance, repair, replacement, improvement, or construction activities related to any structure on the beach or beach approach, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances. An application for a permit shall be submitted with the required information contained in Section 72-1053 of the Code of Ordinances.
Sec. 50-349. - Armoring standards.	Armoring Standards	Moved to Sec. 50-351 - Standards for armoring projects
	(a) Regulations for armoring shall conform to state department of environmental protection's coastal armoring policy in addition to the following criteria:	Sec. 50-351 a) Coastal armoring shall conform to FDEP's coastal armoring policy in addition to the following criteria:
	(1) All coastal armoring permits will be reviewed by Volusia County Environmental Management Division for consistency with the Volusia County Sea Turtle HCP/ITP and this division.	(1) All new and reconstructed armoring projects and emergency repairs must be permitted through the appropriate state and local agencies, and shall comply with this division.
	(2) All new and reconstruction of armoring projects must be buried with an artificial dune, at least four feet above the existing grade, at a slope no greater than three to one, and planted with the appropriate native coastal vegetation.	(3) All new and reconstructed armoring structures must be buried with an artificial dune at least four feet above the existing grade, at a slope no greater than three to one, and planted with the appropriate native coastal vegetation.
	(3) All new and reconstructed dune systems shall be maintained forever in perpetuity by the property owner. Additional permits from state department of environmental protection may be required.	(4) All new and reconstructed dune systems shall be maintained aslong as the armoring structure is in place.
	(b) Seawall construction in the county shall be consistent with state requirements and shall be of a low profile design. In addition, all new seawalls shall be designed and constructed to minimize adverse impacts to adjacent properties.	Moved to Sec. 50-351 (b)
	(c) Each soft armoring project shall be constructed with habitat compatible materials, as determined by the state department of environmental protection, and will be required in conjunction with the reconstruction or replacement of any seawalls within the county.	Moved to Sec. 50-352 a). a) Each dune restoration project shall be constructed with habitat compatible materials, such as compatible beach sand and plants native to the region and as authorized by FDEP. A dune restoration project will be required in conjunction with the replacement or reconstruction of any seawalls within the county. The threshold of reconstruction requiring a permit will be based on substantial damage as defined in Section 50-71.
	(d) Dune reconstruction projects that include burying seawalls shall be maintained by the property owner to emulate natural dune systems and to prevent seawalls from being exposed.	Removed. Covered in Sec. 50-351 a)(3).
		New Sec. 50-349 - Standards for permit issuance. In determining whether the project is permittable under the provisions of this article, the Environmental Management Director (EMD) shall consider, but not be limited to, the following criteria:
		a) The necessity to conduct such coastal projects for potential benefits versus adverse impacts to the coastal system to include consideration of the feasibility factors contained in section 50-351(a)(5).
		b) The degree, if any, of interference or reduction of public access along the beach. There should be no loss or reduction to public access to the beach after construction and the impact to public access during construction must be minimized to the maximum extent practicable.
		c) For armoring projects, the distance (linear feet) of the project from existing adjacent, structurally sound seawall, bulkhead or revetment existing on the effective date of this article to determine if it is located in a predominately natural coastline (PNC) area or a predominately armored (non-PNC) area.
		d) The ability of armoring to achieve the purpose of stabilizing the upland dune system, thus protecting the upland structure from coastal erosion.
		e) The condition and design of armoring on either side of the proposed site.

Sec. 50-350. - Armoring permit.	Armoring permit	Moved to Sec. 50-531 - Standards for armoring projects
(a)	All new and reconstructed armoring projects and emergency repairs must be permitted through the appropriate state and local agencies. A reconstruction permit will be necessary when the armoring structure is damaged in excess of 75 percent of its current market value, and any reconstruction shall comply with this division. Coastal armoring may also be authorized in an emergency situation based upon a determination made by the state department of environmental protection when the project complies with the provisions of F.S. ch. 161 and Rule 62B-33, Florida Administrative Code.	Sec. 50-531 a) Coastal armoring shall conform to FDEP's coastal armoring policy in addition to the following criteria:
		(a)(1) All new and reconstructed armoring projects and emergency repairs must be permitted through the appropriate state and local agencies, and shall comply with this division.
		(a)(2) All coastal armoring permits will be reviewed by the EMD for consistency with the Volusia County Sea Turtle Habitat Conservation Plan (HCP), Incidental Take Permit (ITP), and division 6 of this article.
		(a)(3) All new and reconstructed armoring structures must be buried with an artificial dune at least four feet above the existing grade, at a slope no greater than three to one, and planted with the appropriate native coastal vegetation.
		(a)(4) All new and reconstructed dune systems shall be maintained by the property owner as long as the armoring structure is in place.
		(a)(5) The EMD may also allow for, but is not limited to, consideration of the following factors in determining the feasibility of armoring projects: (A) whether a non-armored project affords similar protections of an armored project, (B) impacts of historical accretion of sand along the beach and dune system, (C) historical tidal influence data, and (D) existing natural dune locations. However, in making a feasibility determination, the EMD will not consider cost, obstruction of view, or ease of access as determinative infeasibility factors.
		(a)(6) Remuneration in lieu of dune restoration. If it is determined by the EMD that the artificial dune restoration requirement is not feasible at the project location due to existing beach conditions, the following applies:a. The applicant conducting the dune restoration activity shall, in lieu of actual dune creation, pay a replacement contribution into the Volusia County Dune Restoration Trust Account. b. The replacement contribution will be determined using an engineer's cost estimate of the total cost of the required dune restoration, including placement of sand and native coastal vegetation material and installation costs.
(b)	The local government may adopt or supplement permit requirements or conditions issued from other federal, state or regional permitting agencies provided they are more stringent than this division.	Removed. New 50-351 b) Seawall construction in the county shall be consistent with FDEP's rules and regulations and shall be of a low-profile design. In addition, all new seawalls shall be designed and constructed to minimize adverse impacts to adjacent properties.
		c) All water discharge onto the beach or beach approaches, except as previously permitted, is prohibited. This includes stormwater outfalls, pool draining pipes and all other types of water discharge onto the beach.
		d) New seawalls must be placed at the current line of erosion or in line with adjacent coastal construction, whichever is furthest west.
		e) It shall be a violation of this ordinance for a property owner to allow a seawall or armoring to be in such disrepair that it is buckling, in danger of collapse, or causes imminent danger to the public on the beach, as determined by the county engineer.
Sec. 50-351. - Removal of sand from beach area.		Moved to Sec. 50-354 - Removal of sand from beach area
(a)	Any beach-compatible sand either dredged from Ponce DeLeon Inlet or extracted from construction sites on the Volusia County Barrier Island shall not be removed from the barrier island. Provided appropriate locations are available, excess sand from construction sites adjacent to the beach shall be used solely for dune and beach reconstruction with a valid state department of environmental protection permit.	Moved to Section 50-354 a). Any beach-compatible sand dredged from Ponce Inlet or extracted from construction sites on the Volusia County barrier island shall not be removed from the barrier island. Provided appropriate locations are available, excess sand from construction sites adjacent to the beach shall be used solely for dune and beach reconstruction with a valid FDEP permit.

	(b)	The county shall determine the compatibility of the sand, including the acceptable degree of debris, based on department of environmental protection standards.	Moved to Section 50-354 b) The County shall determine the compatibility of the sand, including the acceptable degree of debris, based on FDEP standards.
	(c)	Compatible sand which is to be used for dune and beach reconstruction or renourishment may be stockpiled at the discretion and location designated by the county, and must be utilized on the beach.	Moved to Section 50-354 c). Compatible sand which is to be used for dune and beach reconstruction or renourishment may be stockpiled at the discretion and location designated by the County, and must be utilized on the beach.
Sec. 50-352. - Disposable containers.		Disposable containers made of plastic or styrofoam, including but not limited to cups, tops, straws or food containers, are prohibited on the beach.	Removed. This is covered in the Beach Code, Chapter 20. New Sec. 50-352 Standards for dune restoration or sand placement projects.
			New Sec. 50-352 - Standards for dune restoration or sand placement projects.
			a) Each dune restoration project shall be constructed with habitat compatible materials, such as compatible beach sand and plants native to the region and as authorized by FDEP. A dune restoration project will be required in conjunction with the replacement or reconstruction of any seawalls within the county. The threshold of reconstruction requiring a permit will be based on substantial damage as defined in Sec. 50-71.
			b) All associated planting plans must show plant spacing acceptable for the size of the proposed plants and in accordance with county approved planting guidelines, and all sand placed adjacent to the project shall be planted.
			c) Any beach-compatible sand extracted from construction sites on the Volusia County barrier island shall not be removed from the barrier island. Provided appropriate locations are available, excess sand from construction sites adjacent to the beach shall be used solely for dune and beach reconstruction with a valid FDEP permit.
			d) The Volusia County EMD shall determine the compatibility of the sand, including the acceptable degree of debris, based on FDEP standards.
			e) Compatible sand which is to be used for dune and beach reconstruction or renourishment may be stockpiled at the discretion and location designated by the EMD, and must be utilized on the beach.
Secs. 50-353—50-370. - Reserved.			New Sec. 50-353 Restoration and cleanup.
			a) Liability for Damage. The permittee shall be liable for all damage, injury or loss to persons or property of any character arising from, or resulting from, any act of commission, omission, neglect or misconduct in the performance of work by the permittee, his/her employees or agents. The permittee shall be further liable for all damage, injury or loss to persons or property arising from, or as a result of, defective work or materials.
			b) Area Outside permitted work area. Where any work disturbs the area outside the permitted work area, including at the beach access points, the permittee shall ensure that the area is completely restored in a manner acceptable to the county. Dune sand or vegetation that is removed or destroyed shall be replaced by the permittee at his/her expense with equal types and sizes. The county may issue a stop work order to minimize further damage.
			c) Debris and Waste Removal. The permittee shall ensure that project site cleanup and property restoration follows construction/installation operations without delay. In order to maintain an acceptable site, debris and waste material shall be removed from the site daily. Site maintenance, along with ongoing cleanup and final property restoration, shall be subject to the direction and approval of the Environmental Management Director.
			d) Additional Requirements. Prior to issuance of a permit, the applicant shall provide a one-year performance guarantee at 115% of the project cost as estimated by the applicant's professional engineer or architect and verified by the EMD or LDM as appropriate. Such guarantee shall be in the form of one or more of the following: Certified check; cash deposited in an escrow account; a first mortgage on his/her property; letter of credit; or such other guarantee approved by the county attorney. EMD may waive this requirement in the event of major damage caused by a natural disaster. This does not apply to municipal projects.
Sec 50-354			New Sec. 50-354 Removal of sand from beach area (see 50-351 above)
Secs. 50-355—50-370. - Reserved.			

Section III		Division 15, Environmental Standards for Beach and Dune Protection, Article III Land Development Regulations, Chapter 72 Land Planning, Code of Ordinances, County of Volusia, is repealed in its entirety and replaced as follows: DIVISION 15. – ENVIRONMENTAL STANDARDS FOR BEACH AND DUNE PROTECTION (see Chapter 72 tab)

	Chapter 72, Division 15	
Section	Original language	Change
Sec. 72-1051. - Purpose and intent.	It is the purpose of this regulation to provide certain standards that promote restoration and preservation of the vital beach and dune system along the Atlantic coast of Volusia County, Florida. The intent is to regulate coastal construction structures and activities that affect the beach and dune system and that may degrade its natural processes and functions. All such standards shall meet or be more restrictive than the state department of environmental protection standards.	Changed "state department of environmental protection" to " Florida Department of Environmental Protection (FDEP)".
Sec. 72-1052. - Access Standards	Beach and dune walkovers may be constructed for the purpose of maintaining or enhancing pedestrian access to the beach and to minimize habitat impact where there is currently no walkover. A valid permit is required from the appropriate state and local agencies prior to the start of construction of beach and dune walkovers.	Moved to Sec. 72-1055 - Standards for beach and dune walkovers. Beach and dune walkovers may be constructed for the purpose of maintaining or enhancing pedestrian access to the beach and to minimize habitat impact where there is currently no walkover. All applicable state and local permits necessary for construction of beach and dune walkovers must be obtained prior to the start of construction. This section applies to new or reconstructed walkovers. A reconstructed walkover is one which has sustained damage in excess of 50% of its replacement value as determined by the appropriate Building Official. Standards:
(1)	Walkovers are required at all new public access points and adjacent to all new multifamily dwelling structures, hotel/motel complexes and other commercial establishments which allow ingress and egress to the beach and lack access to existing walkover structures or ramps.	a) Changed "hotel/motel" to "hotel and motel"
(2)	All applicable permits from state regulatory agencies, such as the department of environmental protection, shall be received before issuance of a county building permit for the walkover.	Removed.
(3)	Walkovers shall be constructed in a manner that minimizes short-term disturbances to the dune system and existing vegetation. The walkover shall be posted by the owner with signs containing information including the laws concerning prohibition of disturbing sea turtle nests, and prohibitions against disturbing state protected vegetation and dunes, the dates of the sea turtle nesting season (May 1—October 31), the effective dates of applicable lighting restrictions, and referencing the sea turtle ordinance [division 12 of this article]. Signs shall be aesthetically pleasing and no larger than 2.25 square feet.	b) Walkovers shall be constructed in a manner that minimizes short-term disturbances to the dune system and existing vegetation. Walkovers for public access, multi-family and commercial properties shall be posted by the owner with signs containing information including the laws concerning prohibition of disturbing sea turtle nests, prohibitions against disturbing state protected vegetation and dunes, the dates of the sea turtle nesting season (May 1—October 31), the effective dates of applicable lighting restrictions, and referencing the sea turtle ordinance [division 12 of this article]. Signs shall be aesthetically pleasing and no larger than 2.25 square feet.
(4)	Replacement of any vegetation destroyed during construction of the walkover with similar plants suitable for beach/dune stabilization is required. Replanting must be accomplished with native coastal vegetation suitable for beach and dune stabilization.	c) Replacement of any vegetation destroyed during construction of the walkover with native coastal vegetation suitable for beach and dune stabilization is required. A replanting plan consistent with Section 72-1057(b) must be approved by the EMD.
(5)	Walkovers constructed over vegetated dunes or over vegetated beach berms shall be elevated above the vegetation and dune system and shall be retrofitted as necessary to be elevated above any growing dune system within the conservation zone.	d) Walkovers constructed over vegetated dunes or over vegetated beach berms shall be elevated above the existing vegetation and dune system. The eastern end of the walkover must be within the conservation zone or no more than 10 feet from the existing toe of dune or line of permanent vegetation. Walkovers should be no more than 6 feet in width.
(6)	All walkovers shall be designed to protect the conservation zone, natural areas, and beach habitat from construction impacts and long-term pedestrian impacts.	No change
(7)	All new or replaced walkovers shall be constructed in accordance with DEP regulations, which mandates the preservation and restoration of the associated dune system.	f) Walkovers shall be constructed in accordance with FDEP regulations, which mandate the preservation and restoration of the associated dune system.
Sec. 72-1053. - Regulations for armoring		Moved to Sec. 72-1056 - Standards for armoring projects
(a)	Coastal armoring shall conform to DEP's coastal armoring policy in addition to the following criteria:	No change
(a)(1)	All coastal armoring permits will be reviewed by Volusia County Environmental Management for consistency with the Volusia County Sea Turtle HCP/ITP and this article.	(1) All new and reconstructed armoring projects and emergency repairs must be permitted through the appropriate state and local agencies, and shall comply with this division.
(a)(2)	All new and reconstruction of armoring projects must be buried with an artificial dune, at least four feet above the existing grade, at a slope no greater than three to one, and planted with the appropriate native coastal vegetation.	(2) All coastal armoring permits will be reviewed by the EMD for consistency with the Volusia County Sea Turtle Habitat Conservation Plan (HCP), Incidental Take Permit (ITP), and division 12 of this article.
(a)(3)	All new and reconstructed dune systems shall be maintained forever in perpetuity by the property owner. Additional permits from DEP may be required.	(3) All new and reconstructed armoring structures must be buried with an artificial dune at least four feet above the existing grade, at a slope no greater than three to one, and planted with the appropriate native coastal vegetation.

		(4) All new and reconstructed dune systems shall be maintained by the property owner as long as the armoring structure is in place.
		(5) The EMD may also allow for, but is not limited to, consideration of the following factors in determining the feasibility of armoring projects: (A) whether a non-armored project affords similar protections of an armored project, (B) impacts of historical accretion of sand along the beach and dune system, (C) historical tidal influence data, and (D) existing natural dune locations. However, in making a feasibility determination, the EMD will not consider cost, obstruction of view, or ease of access as determinative infeasibility factors. (6) Remuneration in lieu of dune restoration. If it is determined by the EMD that the artificial dune restoration requirement is not feasible at the project location due to existing beach conditions, the following applies: c. The applicant conducting the dune restoration activity shall, in lieu of actual dune creation, pay a replacement contribution into the Volusia County Dune Restoration Trust Account. d. The replacement contribution will be determined using an engineer's cost estimate of the total cost of the required dune restoration, including placement of sand and native coastal vegetation material and installation costs.
	(b) Seawall construction in the county shall be consistent with DEP's rules and regulations and shall be of a low-profile design. In addition, all new seawalls shall be designed and constructed to minimize adverse impacts to adjacent properties.	b) Seawall construction in the county shall be consistent with FDEP's rules and regulations and shall be of a low-profile design. In addition, all new seawalls shall be designed and constructed to minimize adverse impacts to adjacent properties.
	(c) Each soft armoring project shall be constructed with habitat compatible materials, as determined by DEP, and will be required in conjunction with the reconstruction or replacement of any seawalls within the county.	c) All water discharge onto the beach or beach approaches, except as previously permitted, is prohibited. This includes stormwater outfalls, pool draining pipes and all other types of water discharge onto the beach.
	(d) Dune reconstruction projects that include burying seawalls shall be maintained by the property owner to emulate natural dune systems and to prevent seawalls from being exposed.	d) New seawalls must be placed at the current line of erosion or in line with adjacent coastal construction, whichever is furthest west.
		e) It shall be a violation of this ordinance for a property owner to allow a seawall or armoring to be in such disrepair that it is buckling, in danger of collapse, or causes imminent danger to the public on the beach, as determined by the county engineer.
		New Sec. 72-1053 - Beach and dune permit - A permit shall be required for any excavation, erosion control activities, sand placement, dune restoration, armoring, and maintenance, repair, replacement, improvement, or construction activities related to any structure on the beach or beach approach, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances. An application for a permit shall be submitted with the following information:
		a) Application forms. A complete permit application shall be submitted by a property owner or authorized agent of the owner, on the approved application form(s). Submittal of an application is considered express consent for staff to inspect the property as necessary to process the application and determine compliance with ordinance requirements.
		b) Fees. Each permit application must be accompanied by the appropriate fee(s) as established by the council. The permit application fees are nonrefundable and nontransferable. Beach access fees are required at all public vehicular approaches in accordance with Chapter 20, Article VI, Division 2, and are not included in the permit application fees.

		c) Required application data. The application must be accompanied by: (1) Property boundary survey. Property boundaries must be locatable in the field by the inspectors. As a minimum, property boundaries must be located and so designated to be clearly identifiable and visible on-site. (2) A site plan and cross section view showing all proposed work. (3) A completed copy of the appropriate Florida DEP permit, with supporting documents. (4) An issued Joint Coastal Permit (JCP), if applicable, for activities required to get ACOE and FDEP approval, with supporting documents and plans. (5) A copy of a city building permit or development order, if applicable. (6) Dune restoration and maintenance plan, if applicable. (7) Identification of proposed beach access points. Vehicles entering the Conservation Zone or Natural Beach Management Area must obtain Habitat Conservation Plan approval from the Environmental Management Director (EMD) and are responsible for all beach tolls as set forth in Chapter 20 Beach Code. (8) A cost estimate for the construction of the entire project, including any planting and dune restoration. (9) Placement and location of any sand extracted during construction and compliance with section 72-1057(a). (10) Other information which the EMD may reasonably require to determine whether to approve the permit. The EMD may waive any of the requirements of the application if, in the opinion of the EMD, such information is found to be unnecessary for a proper evaluation of the proposed work.
		d) Action on permit application. The Land Development Division shall, within three (3) working days from the filing, determine if the application is complete. If it is determined that the application is incomplete, it shall be returned to the applicant. If the application is determined to be complete, the Land Development Manager (LDM) shall transmit the application and plans to the EMD. The EMD shall have fifteen (15) working days from the date of receipt from the LDM of a complete application to approve or deny the permit.
		e) Issuance of permits. If the application meets the requirements and standards of this article, the LDM shall issue the permit based upon approval by the EMD, as provided in this division, and may attach such appropriate conditions to the said permit in order to comply with the standards of section 72-1055, 72-1056, and 72-1057 of this article. The EMD may deny the permit if it does not meet such requirements and standards, stating the reasons therefor. The issuance of a permit does not create or vest any property right in the holder of the construction activity, nor does it relieve the permittee from obtaining any other permits that may be required by the appropriate authorities.
		f) Termination of Permit. All Beach and Dune permits shall expire one year from the date of issue unless time extensions are granted by the EMD. Applications for extensions of time shall be made in writing to the EMD at least 30 days prior to the expiration of the permit.
Sec.72-1054. - Applications for armoring permits		
	(a) [Required permits.] All new and reconstructed armoring projects and emergency repairs must be permitted through the appropriate state and local agencies. A building permit for reconstruction will be necessary when the armoring structure is damaged in excess of 75 percent of its current replacement value; any reconstruction shall comply with this division. Coastal armoring may also be authorized in an emergency situation based upon a determination made by DEP when the project complies with the provisions of F.S. ch. 161, and Rule 62B-33, Florida Administrative Code.	incorporated into Sec. 72-1053
	(b) Issuance of permits—Conditions. If the application meets the requirements of this article, the LDM shall issue the permit based upon approval by the EMD, as provided in this division, and may attach such appropriate conditions to the said permit in order to comply with the standards of section 72-1057 of this article. The EMD may deny the permit if it does not meet such standards, stating the reasons therefor.	moved to Sec. 72-1053 (e), above
		New Sec. 72-1054 - Standards for Permit Issuance - In determining whether the project is permitable under the provisions of this article, the EMD shall consider, but not be limited to, the following criteria:
		a) The necessity to conduct such coastal projects for potential benefits versus adverse impacts to the coastal system to include consideration of the feasibility factors contained in section 72-1056(a)(5) for armoring projects.

		b) The degree, if any, of interference or reduction of public access along the beach. There should be no loss or reduction to public access to the beach after construction and the impact to public access during construction must be minimized to the maximum extent practicable.
		c) For armoring projects, the distance (linear feet) of the project from existing adjacent, structurally sound seawall, bulkhead or revetment existing on the effective date of this article to determine if it is located in a predominately natural coastline (PNC) area or a predominately armored (non-PNC) area.
		d) The ability of armoring to achieve the purpose of stabilizing the upland dune system, thus protecting the upland structure from coastal erosion.
		e) The condition and design of armoring on either side of the proposed site.
Sec. 72-1055. - Concurrent application for development order review		Standards for beach and dune walkovers. (see 72-1052 above)
	If the application is to be filed concurrently with a development order review under this division, and it shall be filed as part of the development order review, shall include in addition to the requirements of development order application the following information:	removed
	(1) A completed copy of the Florida DEP "Application for a Permit for Construction or Activities Seaward of the Coastal Construction Control Line or Fifty Foot Setback" in effect, with supporting documents.	removed
	(2) The environmental management department (EMD) will waive any of the requirements of the application if, in the opinion of the EMD, such information is found to be unnecessary for a proper evaluation of the proposed work.	moved to 72-1053 c)
Sec. 72-1056 - Application without development order review		
	Except as provided in section 72-1009, an application for an armoring project shall be filed, processed and approved as follows:	
	(1) A completed copy of the Florida DEP "Application for a Permit for Construction or Activities Seaward of the Coastal Construction Control Line or Fifty Foot Setback" in effect, with supporting documents, shall be filed with the land development manager (LDM) and the proper fee paid.	incorporated into Sec. 72-1053 c)(3)
	(2) The EMD will waive any of the requirements of the application if, in the opinion of the EMD, such information is found to be unnecessary for a proper evaluation of the proposed work	incorporated into Sec. 72-1053 (c)
	(3) The LDM shall, within three working days from the filing, determine if the application is complete. If it is determined that the application is incomplete, it shall be returned to the applicant. If the application is determined to be complete, the LDM shall transit the application and plans to the EMD. [The] EMD shall have 15 working days from the date of receipt from the LDM of a complete application to approve or deny the permit.	incorporated into Sec. 72-1053 e)
		New Sec. 72-1056 - Standards for armoring projects
		a) Coastal armoring shall conform to FDEP's coastal armoring policy in addition to the following criteria:
		(1) All new and reconstructed armoring projects and emergency repairs must be permitted through the appropriate state and local agencies, and shall comply with this division.
		(2) All coastal armoring permits will be reviewed by the EMD for consistency with the Volusia County Sea Turtle Habitat Conservation Plan (HCP), Incidental Take Permit (ITP), and division 12 of this article.
		(3) All new and reconstructed armoring structures must be buried with an artificial dune at least four feet above the existing grade, at a slope no greater than three to one, and planted with the appropriate native coastal vegetation.

		(4) All new and reconstructed dune systems shall be maintained by the property owner as long as the armoring structure is in place.
		(5) The EMD may also allow for, but is not limited to, consideration of the following factors in determining the feasibility of armoring projects: (A) whether a non-armored project affords similar protections of an armored project, (B) impacts of historical accretion of sand along the beach and dune system, (C) historical tidal influence data, and (D) existing natural dune locations. However, in making a feasibility determination, the EMD will not consider cost, obstruction of view, or ease of access as determinative infeasibility factors.
		(6) Remuneration in lieu of dune restoration. If it is determined by the EMD that the artificial dune restoration requirement is not feasible at the project location due to existing beach conditions, the following applies: a. The applicant conducting the dune restoration activity shall, in lieu of actual dune creation, pay a replacement contribution into the Volusia County Dune Restoration Trust Account. b. The replacement contribution will be determined using an engineer's cost estimate of the total cost of the required dune restoration, including placement of sand and native coastal vegetation material and installation costs.
		b) Seawall construction in the county shall be consistent with FDEP's rules and regulations and shall be of a low-profile design. In addition, all new seawalls shall be designed and constructed to minimize adverse impacts to adjacent properties.
		c) All water discharge onto the beach or beach approaches, except as previously permitted, is prohibited. This includes stormwater outfalls, pool draining pipes and all other types of water discharge onto the beach.
		d) New seawalls must be placed at the current line of erosion or in line with adjacent coastal construction, whichever is furthest west.
		e) It shall be a violation of this ordinance for a property owner to allow a seawall or armoring to be in such disrepair that it is buckling, in danger of collapse, or causes imminent danger to the public on the beach, as determined by the county engineer.
Sec. 72-1057 - Standard for review		
	Review criteria. In determining whether the development is permissible under the provisions of this article, the EMD shall consider, but not be limited to the following criteria:	
(1)	This distance (linear feet) of the development from existing adjacent structurally sound seawall, bulkhead or revetment existing on the effective date of this article to determine if it is located in a predominately natural coastline (PNC) area or a predominately armored (non-PNC) area	moved to Sec. 72-1054 a)
(2)	The ability of armoring to achieve the purpose of stabilizing the upland dune system, thus protecting the upland structure from coastal erosion.	moved to Sec. 72-1054 d)
(3)	The necessity to conduct such coastal construction for potential benefits versus adverse impacts to the coastal system.	Removed
(4)	The ability of flexible armoring to achieve the same coastal protective objectives.	
(5)	The degree, if any, of interference or reduction of public access along the beach.	moved to Sec. 71-1054 b)
(6)	The condition and design of armoring on either side of the proposed site.	moved to Sec. 72-1054 e)
		New Sec. 72-1057 - Standards for dune restoration or sand placement projects
		a) Each dune restoration project shall be constructed with habitat compatible materials, such as compatible beach sand and plants native to the region and as authorized by FDEP. A dune restoration project will be required in conjunction with the replacement or reconstruction of any seawalls within the county. The threshold of reconstruction requiring a permit will be based on substantial damage as defined in Article 1.
		b) All associated planting plans must show plant spacing acceptable for the size of the proposed plants and in accordance with county approved planting guidelines, and all sand placed adjacent to the project shall be planted.

		c) Any beach-compatible sand extracted from construction sites on the Volusia County barrier island shall not be removed from the barrier island. Provided appropriate locations are available, excess sand from construction sites adjacent to the beach shall be used solely for dune and beach reconstruction with a valid FDEP permit.
		d) The Volusia County EMD shall determine the compatibility of the sand, including the acceptable degree of debris, based on FDEP standards.
		e) Compatible sand which is to be used for dune and beach reconstruction or renourishment may be stockpiled at the discretion and location designated by the EMD, and must be utilized on the beach.
Sec. 72-1058 - Removal of sand from the beach area		
	(a) Any beach-compatible sand either dredged from Ponce DeLeon Inlet or extracted from construction sites on the Volusia County Barrier Island shall not be removed from the barrier island. Provided appropriate locations are available, excess sand from construction sites adjacent to the beach shall be used solely for dune and beach reconstruction with a valid DEP permit.	moved to Sec. 72 - 1057(c), above
	(b) The Volusia County shall determine the compatibility of the sand, including the acceptable degree of debris, based on DEP standards.	moved to Sec. 72-1057 (d)
	(c) Compatible sand which is to be used for dune and beach reconstruction or renourishment may be stockpiled at the discretion and location designated by the county, and must be utilized on the beach.	moved to Sec. 72-1057 (e)
		New Sec. 72-1058 - Restoration and cleanup
		a) <i>Liability for Damage.</i> The permittee shall be liable for all damage, injury or loss to persons or property of any character arising from, or resulting from, any act of commission, omission, neglect or misconduct in the performance of work by the permittee, his/her employees or agents. The permittee shall be further liable for all damage, injury or loss to persons or property arising from, or as a result of, defective work or materials.
		b) <i>Area Outside permitted work area.</i> Where any work disturbs the area outside the permitted work area, including at the beach access points, the permittee shall ensure that the area is completely restored in a manner acceptable to the county. Dune sand or vegetation that is removed or destroyed shall be replaced by the permittee at his/her expense with equal types and sizes. The county may issue a stop work order to minimize further damage.
		c) <i>Debris and Waste Removal.</i> The permittee shall ensure that project site cleanup and property restoration follows construction/installation operations without delay. In order to maintain an acceptable site, debris and waste material shall be removed from the site daily. Site maintenance, along with ongoing cleanup and final property restoration, shall be subject to the direction and approval of the Environmental Management Director.
		d) <i>Additional Requirements.</i> Prior to issuance of a permit, the applicant shall provide a one-year performance guarantee at 115% of the project cost as estimated by the applicant's professional engineer or architect and verified by the EMD or LDM as appropriate. Such guarantee shall be in the form of one or more of the following: Certified check; cash deposited in an escrow account; a first mortgage on his/her property; letter of credit; or such other guarantee approved by the county attorney. EMD may waive this requirement in the event of major damage caused by a natural disaster. This does not apply to municipal projects.
Sec. 72-1059 - Exemptions Activities that are exempted from this division include:		
	(1) Dune restoration projects that include sand placement and revegetation with native coastal vegetation on property or lots abutting the Atlantic Ocean	Sec. 72-1052 a) Planting native coastal vegetation on property or lots abutting the Atlantic Ocean.
	(2) Installing end returns on existing seawalls, bulkheads or revetments designed and constructed consistent with the standards contained in the most current version of the U.S. Army Corps of Engineers Coastal Engineering Manual, which depicts proper techniques for minimizing wave current edge effects.	b)Removal of debris, unpermitted structures or non-functioning coastal armoring.
	(3) Dune planting, sand depositing or sand fencing, or other activities, which has been approved by DEP, that serve to promote the natural function of the beach environment	Removed

	(4)	Mechanical beach cleaning, provided that it conforms to the standards contained in division 6 of this article, pertaining to sea turtle protection, if said activity is permitted by DEP, and does not enter the conservation zone.	c) Mechanical beach cleaning, provided that it conforms to the standards contained in division 12 of this article, pertaining to sea turtle protection, if said activity is permitted by FDEP, and does not enter the Conservation Zone or the Natural Beach Management Areas.
	(5)	Maintenance dredging work at the Ponce DeLeon Inlet performed by the United States Corps of Engineers or its designee	d) Any work performed by the United States Army Corps of Engineers (ACOE), the Florida Inland Navigation District (FIND), the Florida Department of Transportation (FDOT), the Florida Department of Environmental Protection (FDEP), or their designee.
			e) Any maintenance, repair, replacement, improvement or construction activities performed by the county on the beach or on or adjacent to any Volusia County beach approach, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances.
			New Sec 72-1059 - Dune restoration trust account
			a) <i>Establishment.</i> A Volusia County Dune Restoration Trust Account is hereby established as a depository for dune restoration fees and monies.
			b) <i>Dispersal of assets.</i> The funds in said account shall be expended, utilized and disbursed for the placement of sand, creation of dunes, planting of native dune vegetation, or to cover any other ancillary costs including, but not limited, to items or materials necessary and proper for the preservation, maintenance, relocation or restoration of dune ecosystems on any public land within Volusia County. These monies may also be utilized to engage support elements such as landscape architects and additional personnel, following established county procedures.
			c) All monies deposited for use as specified in Sec. 72-1056(a)(5) of this article, shall be deposited in trust, in a separate accounting unit established and maintained apart from the general revenue funds and accounts of Volusia County.
<u>SECTION 72-1060 – Appeals.</u>		The applicant may appeal a determination of the EMD to the Development Review Committee (DRC), in writing, within 30 days of said determination. The DRC may uphold, modify or reverse the determination of the EMD.	No change
<u>SECTION 72-1061 – Jurisdiction.</u>		This division shall apply to the unincorporated areas of Volusia County, Florida, and those municipalities that do not adopt a similar ordinance.	This division shall apply to the beach and beach approaches, as defined in Chapter 20, Beach Code, Volusia County Code of Ordinances, whether located in incorporated area or unincorporated area of Volusia County.
<u>SECTION 72-1062 – SECTION 72-1095 – Reserved.</u>			

From: [Swartzlander, Kurt](#)
To: [Schwab, Cheri](#)
Subject: Fwd: [EX] Fwd: Fw: Dune Restoration County Ordinance Section 50-531
Date: Tuesday, September 3, 2024 5:33:08 PM

Sent from my iPhone

Begin forwarded message:

From: ED OFFERMAN <bkvet@comcast.net>
Date: August 30, 2024 at 11:11:44 AM EDT
To: "Dembinsky, Stephan" <sdembinsky@cityofdb.org>
Cc: "Miller, Nancy" <nmler@cityofdb.org>, "Swartzlander, Kurt" <kswartzlander@cityofdb.org>, Robin White <robinwhitecpa@gmail.com>, Robin Mackie <rmackie@sentrymgt.com>, Matt Reinhart <MReinhart@volusia.org>
Subject: Fwd: Re: [EX] Fwd: Fw: Dune Restoration County Ordinance Section 50-531

Chief/Commissioner, based on the below email from Jeff it appears we can count on his support. I have spoke to Matt Reinhart more than once and he has pushed for eliminating the sections of the ordinance requiring replacement of dunes and vegetation against the seawalls. He requested an agenda item for the Council to discuss eliminating or amending at the next meeting and that request was approved by a vote of 5-1 with Councilman Kent voting no. I reiterated my concern that time is of the essence, as the current postponement for enforcement of actually putting in a new 4-foot dune with vegetation against our seawall expires December 31st.

While it may be unfortunate the County had over a year to deal with this since the postponement was enacted, we must deal with what we have now as an emergency request. Delay is not an option. I request that you as a Commissioner support that the City take a position supporting the Condo owners in DBS and pass a Resolution urging the County Council to eliminate Sections 50-351(3)(4) and (6)a & b. Since Commissioner Politis asked to review the actual Ordinance at the last Commission meeting I had previously asked the City Manager to forward my Condo's letter to County Council with Section 50-351 to each of the DBS Commissioners and the Mayor. The appropriate Section 50-351 is again provided below, and I have bolded the requested paragraphs (3)(4) and (6)a.& b for deletion for your consideration. I know this is a big ask in a short time, but we do not have sufficient time to let 2 or 3 County Council and DBS Commission meetings pass with no action.

Thank you for your time and consideration. If you or anyone on this request have any questions or would like to discuss this request, please

call me at (317)446-3708.
Respectfully, Ed Offerman

----- Original Message -----

From: Jeff Brower <JBrower@volusia.org>

To: ED OFFERMAN <bkvet@comcast.net>

Date: 08/28/2024 9:24 PM EDT

Subject: Re: [EX] Fwd: Fw: Dune Restoration County Ordinance Section 50-531

Thank you for resending Ed. Although the reasoning behind this would make sense in a more normal beach environment, it is a giant waste of money on our current beach. A natural dune, fully vegetated, prevents the back wash that undermines seawalls. But you are correct in saying even normal high tides are washing the sand back into the sea. We are spending good money for sand replacement abs or will not last the winter. We need strong armoring to protect our cost, the properties there, and A1A.

I will take up your reasonable argument with staff as my first step. I am doing something similar in Wilbur by the Sea where reliance on sand seems to be the preferred answer.

If I have to put this on the agenda for Council direction I will, and soon. If that seems to be the best approach I will let you know. It will take good public support. I can be your voice if the council knows there are voters who need help.

Best regards,

Jeff Brower

Volusia County Chair

Sent from my Verizon, Samsung Galaxy smartphone

Get [Outlook for Android](#)

From: ED OFFERMAN <bkvet@comcast.net>

Sent: Wednesday, August 28, 2024 4:40:39 PM

To: Matt Reinhart <MReinhart@volusia.org>

Cc: Jeff Brower <JBrower@volusia.org>

Subject: [EX] Fwd: Fw: Dune Restoration County Ordinance Section 50-531

CAUTION: This email originated from outside Volusia County's email system. **DO NOT CLICK** links or attachments unless you recognize the sender and/or know the content is safe.

Matt, Thanks for reaching out. Now I'm concerned that you did not get the original email the admin staff sent out and I discovered today someone mistyped Chair Browers name and email address so obviously he did not get it. I know wonder if anyone on the Council got the original. I asked our Property Manager to resend to Jeff with our apologies but I CCed him on this email in case he has not seen the original letter yet. I include the Ordinance since Commissioner Politas said he

would like to see the Ordinance. Thanks again for your consideration and help. Ed

----- Original Message -----

From: ED OFFERMAN <bkvet@comcast.net>

To: "kswartzlander@cityofdb.org"

<kswartzlander@cityofdb.org>

Date: 08/28/2024 10:09 AM EDT

Subject: Fwd: Fw: Dune Restoration County Ordinance Section 50-531

Kurt, please forward to members of Commission as I promised. If the email from our Manager Robin Mackie comes through with 8 attachments, the first is the dune restoration letter with a signature page with the 50 plus residents that signed it or sent email in support, and the remaining 7 attachments are Trademarks IE F(Facebook), Sentry Management logo, etc. and can be ignored. I have included the Ordinance at the bottom of email with a note. Thank you! Any questions you or any Commission member have you can call me on cell 317.446.3708. Ed

From: Robin Mackie <rmackie@sentrymgt.com>

Sent: Thursday, August 22, 2024 3:25 PM

To: jbower@volusia.org <jbower@volusia.org>;

ddempsey@volusia.org <ddempsey@volusia.org>;

drobins@volusia.org <drobins@volusia.org>;

tkent@volusia.org <tkent@volusia.org>; Property Manager

Twin Towers Daytona Beach Shores

<manager@twintowersdb.org>

Cc: jjohansson@volusia.org <jjohansson@volusia.org>;

mreinhardt@volusia.org <mreinhardt@volusia.org>;

dsantiago@volusia.org <dsantiago@volusia.org>;

gwrecktenwald@volusia.org <gwrecktenwald@volusia.org>

Subject: Dune Restoration County Ordinance Section 50-531

**DIMUCCI TWIN TOWERS NORTH & SOUTH
CONDOMINIUM ASSOCIATION, INC.**

3315 SOUTH ATLANTIC AVE., DAYTONA BEACH SHORES,
FL 32118

(OFFICE) 386-872-5051 (EMAIL)

manager@twintowersdb.org

Recipients: Jeff Bower, County Chair
jbower@volusia.org
Jake Johannson, At-Large
jjohansson@volusia.org
Don Dempsey, District 1
ddempsey@volusia.org
Matt Reinhart, District 2
mreinhart@volusia.org
Danny Robins, District 3
drobins@volusia.org
Troy Kent, District 4
tkent@volusia.org
David Santiago, District 5
dsantiago@volusia.org
CC: George Recktenwald, County
Manager gwrecktenwald@volusia.org

August 11, 2024

Dear Chairman and Council Members:

We the residents of DiMucci Twin Towers
Condominium Assn., 3311 & 3315 S. Atlantic Ave,
Daytona Beach Shores (parcel ID# 533523000001)
respectfully request a review of County Ordinance
Section 50-531 and any related Ordinances be
placed on a near future agenda of the County
Council for the purpose of amending this Section to
eliminate or revise certain section of this ordinance
as discussed below.

- Section 351(a)(3) "All new and reconstructed
armoring structures be buried with an artificial
dune at least four feet above the existing
grade..."

Under existing conditions, most especially
since Hurricanes Ian and Nicole, this
requirement is impractical and patently non-
feasible for armoring (seawall) projects.
Since our buildings have been constructed
(2006-2007), there have been NO DUNES or
planted vegetation on the beach adjacent to
the seawall.

This requirement may **seem** to make sense in
instances where all sand and/or vegetation is
removed for construction or by tidal wash, but
it is a foolish hope because the tide makes

twice daily rises onto seawalls. Sand and vegetation wash away as a routine matter. This requirement of replacement should be eliminated for seawall projects.

- Section 351 (a)(6) “Remuneration in lieu of dune restoration
If it is determined by the EMD that the artificial dune restoration requirement is not feasible at the project location due to existing beach conditions, the following applies:
a. The applicant conducting the dune restoration activity **shall** in lieu of actual dune creation, pay a replacement contribution in to the Volusia County Dune Restoration Trust Account.”

If the requirement as it now stands in 351(a)(3) is infeasible, then the requirement in 351(a)(6) (a) amounts to extortion by the county, and should be revoked.

If this requirement cannot be revoked in a timely manner, it would be appropriate for the Council to further suspend enforcement of 351(a)(6) until completion of the Volusia Sand Replenishment Project.

We respectfully ask that the current incumbent members of the Council consider our request. We understand from our Council Member Reinhart that there was a resolution in 2023 to suspend enforcement of these sections until December 31, 2024. In light of this date, time is of the essence. If you have any questions about this request, please contact our former COA Vice President Ed Offerman at (317) 444-3708.

Sincerely,

Robin White, President, and Board of Directors
DiMucci Twin Towers COA
on behalf of the 136 Owners in the Association

Please see attachment.

Respectfully submitted,

On behalf of The Board of Directors

DiMucci Twin Towers North & South Condo
Association

3315 South Atlantic Ave

Daytona Beach Shores, Florida 32118

Robin Adele Mackie

Community Association Manager

386-872 5051

RMackie@sentrymgt.com

3315 South Atlantic Avenue, Daytona Beach Shores, FL,
32118

Below is the Ordinance, Looks like it is many pages but it just saved with many more spaces than copied from the county web site. If I were more computer literate I could probably fix that, but I am not. Ed

DIVISION 9. - BEACHES AND DUNES^[10]

Footnotes:

--- (10) ---**Editor's note—** [Ord. No. 2021-13](#), § II, adopted June 22, 2021, repealed the former Div. 9, §§ 50-341—50-352, and enacted a new Div. 9 as set out herein. The former Div. 9 pertained to similar subject matter and derived from Ord. No. 88-15, §§ 900, 901, 902, 903, 904, 905, 906, 907, 908, 910, adopted May 19, 1988; Ord. No. 91-42, § II, adopted Dec. 5, 1991; Ord. No. 01-03, § 1, adopted Jan. 18, 2001; Ord. No. 01-35, § 1, adopted Dec. 13, 2001; Ord. No. 2004-17, § II,

adopted Oct. 21, 2004.

Cross reference— Beaches, ch. 20; environmental standards for beach and dune protection, app. A, § 1500 et seq.

State Law reference— Beach and shore preservation, F.S. ch. 161.

- Sec. 50-341. - Purpose and intent.
It is the purpose of this regulation to provide certain minimum standards that promote restoration and preservation of the vital beach and dune system along the Atlantic coast of Volusia County, Florida. The intent is to regulate coastal construction activities that affect the beach and dune system and that may degrade its natural processes and functions. All such standards shall meet or be more restrictive than the Florida Department of Environmental Protection (FDEP) standards.
([2021-13](#), § II, 6-22-21)
- Sec. 50-342. - Jurisdiction.
This division shall apply to the beach and beach approaches, as defined in [Chapter 20](#), Beach Code, Volusia County Code of Ordinances, whether located in incorporated area or unincorporated area of Volusia County. The County will notify a municipality of receipt of a permit application herein of a project within an incorporated area.
([2021-13](#), § II, 6-22-21)
- Sec. 50-343. - Penalty.
Violations of this division are punishable as provided in [section 1-7](#).
([2021-13](#), § II, 6-22-21)
- Sec. 50-344. - Exemptions.
Activities that are exempted from this division include:
 - (a)
Planting native coastal vegetation on property or lots abutting the Atlantic Ocean.
 - (b)
Removal of debris, unpermitted structures or non-functioning coastal armoring.
 - (c)
Mechanical beach cleaning, provided that it conforms to the standards contained in division 6 of this article, pertaining to sea

turtle protection, if said activity is permitted by FDEP, and does not enter the Conservation Zone or the Natural Beach Management Areas.

(d)

Any work performed by the United States Army Corps of Engineers (ACOE), the Florida Inland Navigation District (FIND), the Florida Department of Transportation (FDOT), the Florida Department of Environmental Protection (FDEP), or their designee.

(e)

Any maintenance, repair, replacement, improvement or construction activities performed by the county on the beach or on or adjacent to any Volusia County beach approach, as defined in [Chapter 20](#), Beach Code, Volusia County Code of Ordinances.

([2021-13](#), § II, 6-22-21)

- Sec. 50-345. - Reserved.

- Sec. 50-346. - Enforcement.

Volusia County Environmental Management Division shall administer the provisions of this division countywide.

([2021-13](#), § II, 6-22-21)

- Sec. 50-347. - Conservation zone.

A conservation zone is established along the public driving portions of the Atlantic Ocean beach of the county in accordance with the standards and requirements contained in the Volusia County Sea Turtle Habitat Conservation Plan.

([2021-13](#), § II, 6-22-21)

- Sec. 50-348. - Beach and dune permit.

A permit shall be required for any excavation, erosion control activities, sand placement, dune restoration, armoring, and maintenance, repair, replacement, improvement, or construction activities related to any structure on the beach or beach approach, as defined in [Chapter 20](#), Beach Code, Volusia County Code of Ordinances. An application for a permit shall be submitted with the required information contained in [Section 72-1053](#) of the Code of Ordinances.

([2021-13](#), § II, 6-22-21)

- Sec. 50-349. - Standards for permit issuance. In determining whether the project is

permissible under the provisions of this article, the Environmental Management Director (EMD) shall consider, but not be limited to, the following criteria:

(a)

The necessity to conduct such coastal projects for potential benefits versus adverse impacts to the coastal system to include consideration of the feasibility factors contained in [section 50-351](#)(a)(5).

(b)

The degree, if any, of interference or reduction of public access along the beach. There should be no loss or reduction to public access to the beach after construction and the impact to public access during construction must be minimized to the maximum extent practicable.

(c)

For armoring projects, the distance (linear feet) of the project from existing adjacent, structurally sound seawall, bulkhead or revetment existing on the effective date of this article to determine if it is located in a predominately natural coastline (PNC) area or a predominately armored (non-PNC) area.

(d)

The ability of armoring to achieve the purpose of stabilizing the upland dune system, thus protecting the upland structure from coastal erosion.

(e)

The condition and design of armoring on either side of the proposed site.

([2021-13](#), § II, 6-22-21)

- Sec. 50-350. - Standards for beach and dune walkovers.

Beach and dune walkovers may be constructed for the purpose of maintaining or enhancing pedestrian access to the beach and to minimize habitat impact where there is currently no walkover. All applicable state and local permits necessary for construction of beach and dune walkovers must be obtained prior to the start of construction. This section applies to new or reconstructed walkovers. A reconstructed walkover is one which has sustained damage in excess of 50 percent of

its replacement value as determined by the appropriate Building Official. The following standards apply:

(a)

Walkovers are required at all new public access points and adjacent to all new multi-family dwelling structures, hotel or motel complexes, and other commercial establishments which allow ingress and egress to the beach and lack access to existing walkover structures or ramps.

(b)

Walkovers shall be constructed in a manner that minimizes short-term disturbances to the dune system and existing vegetation.

Walkovers for public access, multi-family and commercial properties shall be posted by the owner with signs containing information including the laws concerning prohibition of disturbing sea turtle nests, prohibitions against disturbing state protected vegetation and dunes, the dates of the sea turtle nesting season (May 1—October 31), the effective dates of applicable lighting restrictions, and referencing the sea turtle ordinance [division 6 of this article]. Signs shall be aesthetically pleasing and no larger than 2.25 square feet.

(c)

Replacement of any vegetation destroyed during construction of the walkover with native coastal vegetation suitable for beach and dune stabilization is required. A replanting plan consistent with [Section 50-352](#)(b) must be approved by the EMD.

(d)

Walkovers constructed over vegetated dunes or over vegetated beach berms shall be elevated above the existing vegetation and dune system. The eastern end of the walkover must be within the conservation zone or no more than ten feet from the existing toe of dune or line of permanent vegetation. Walkovers should be no more than six feet in width.

(e)

All walkovers shall be designed to protect the conservation zone, natural areas, and beach habitat from construction impacts and long-

term pedestrian impacts.

(f)

Walkovers shall be constructed in accordance with FDEP regulations, which mandate the preservation and restoration of the associated dune system.

([2021-13](#), § II, 6-22-21)

- **Sec. 50-351. - Standards for armoring projects.**

(a)

Coastal armoring shall conform to FDEP's coastal armoring policy in addition to the following criteria:

(1)

All new and reconstructed armoring projects and emergency repairs must be permitted through the appropriate state and local agencies, and shall comply with this division.

(2)

All coastal armoring permits will be reviewed by the EMD for consistency with the Volusia County Sea Turtle Habitat Conservation Plan (HCP), Incidental Take Permit (ITP), and division 6 of this article.

(3)

All new and reconstructed armoring structures must be buried with an artificial dune at least four feet above the existing grade, at a slope no greater than three to one, and planted with the appropriate native coastal vegetation.

(4)

All new and reconstructed dune systems shall be maintained by the property owner as long as the armoring structure is in place.

(5)

The EMD may also allow for, but is not limited to, consideration of the following factors in determining the feasibility of armoring projects: (A) whether a non-armored project affords similar protections of an armored project, (B) impacts of historical accretion of sand along the beach and dune system, (C) historical tidal influence data, and (D) existing natural dune locations. However, in making a feasibility determination, the EMD will not consider cost, obstruction of view, or ease of

access as determinative infeasibility factors.

(6)

Remuneration in lieu of dune restoration. If it is determined by the EMD that the artificial dune restoration requirement is not feasible at the project location due to existing beach conditions, the following applies:

a.

The applicant conducting the dune restoration activity shall, in lieu of actual dune creation, pay a replacement contribution into the Volusia County Dune Restoration Trust Account.

b.

The replacement contribution will be determined using an engineer's cost estimate of the total cost of the required dune restoration, including placement of sand and native coastal vegetation material and installation costs.

(b)

Seawall construction in the county shall be consistent with FDEP's rules and regulations and shall be of a low-profile design. In addition, all new seawalls shall be designed and constructed to minimize adverse impacts to adjacent properties.

(c)

All water discharge onto the beach or beach approaches, except as previously permitted, is prohibited. This includes stormwater outfalls, pool draining pipes and all other types of water discharge onto the beach.

(d)

New seawalls must be placed at the current line of erosion or in line with adjacent coastal construction, whichever is furthest west.

(e)

It shall be a violation of this ordinance for a property owner to allow a seawall or armoring to be in such disrepair that it is buckling, in danger of collapse, or causes imminent danger to the public on the beach, as determined by the county engineer.

([2021-13](#), § II, 6-22-21)

- Sec. 50-352. - Standards for dune restoration or sand placement projects.

(a)

Each dune restoration project shall be constructed with habitat compatible materials, such as compatible beach sand and plants native to the region and as authorized by FDEP. A dune restoration project will be required in conjunction with the replacement or reconstruction of any seawalls within the county. The threshold of reconstruction requiring a permit will be based on substantial damage as defined in [Section 50-71](#).

(b)

All associated planting plans must show plant spacing acceptable for the size of the proposed plants and in accordance with county approved planting guidelines, and all sand placed adjacent to the project shall be planted.

(c)

Any beach-compatible sand extracted from construction sites on the Volusia County barrier island shall not be removed from the barrier island. Provided appropriate locations are available, excess sand from construction sites adjacent to the beach shall be used solely for dune and beach reconstruction with a valid FDEP permit.

(d)

The Volusia County EMD shall determine the compatibility of the sand, including the acceptable degree of debris, based on FDEP standards.

(e)

Compatible sand which is to be used for dune and beach reconstruction or renourishment may be stockpiled at the discretion and location designated by the EMD, and must be utilized on the beach.

([2021-13](#), § II, 6-22-21)

- Sec. 50-353. - Restoration and cleanup.

(a)

Liability for damage. The permittee shall be liable for all damage, injury or loss to persons or property of any character arising from, or resulting from, any act of commission, omission, neglect or misconduct in the performance of work by the permittee, his/her employees or agents. The permittee shall be

further liable for all damage, injury or loss to persons or property arising from, or as a result of, defective work or materials.

(b)

Area outside permitted work area. Where any work disturbs the area outside the permitted work area, including at the beach access points, the permittee shall ensure that the area is completely restored in a manner acceptable to the county. Dune sand or vegetation that is removed or destroyed shall be replaced by the permittee at his/her expense with equal types and sizes. The county may issue a stop work order to minimize further damage.

(c)

Debris and waste removal. The permittee shall ensure that project site cleanup and property restoration follows construction/installation operations without delay. In order to maintain an acceptable site, debris and waste material shall be removed from the site daily. Site maintenance, along with ongoing cleanup and final property restoration, shall be subject to the direction and approval of the Environmental Management Director.

(d)

Additional requirements. Prior to issuance of a permit, the applicant shall provide a one-year performance guarantee at 115% of the project cost as estimated by the applicant's professional engineer or architect and verified by the EMD or LDM as appropriate. Such guarantee shall be in the form of one or more of the following: Certified check; cash deposited in an escrow account; a first mortgage on his/her property; letter of credit; or such other guarantee approved by the county attorney. EMD may waive this requirement in the event of major damage caused by a natural disaster. This does not apply to municipal projects.

([2021-13](#), § II, 6-22-21)

- Sec. 50-354. - Removal of sand from beach area.

(a)

Any beach-compatible sand either dredged

from Ponce DeLeon Inlet or extracted from construction sites on the Volusia County Barrier Island shall not be removed from the barrier island. Provided appropriate locations are available, excess sand from construction sites adjacent to the beach shall be used solely for dune and beach reconstruction with a valid FDEP Permit.

(b)

The county shall determine the compatibility of the sand, including the acceptable degree of debris, based on FDEP standards.

(c)

Compatible sand which is to be used for dune and beach reconstruction or renourishment may be stockpiled at the discretion and location designated by the county, and must be utilized on the beach.

([2021-13](#), § II, 6-22-21)

- Secs. 50-355—50-370. - Reserved.



**CITY COMMISSION AGENDA MEMORANDUM
SEPTEMBER 9, 2024 AGENDA**

TO: Honorable Mayor and Members of the City Commission

FROM:

PREPARED BY: Cheri Schwab, City Clerk

SUBJECT: Consideration to cancel the second meeting in both November and December

SYNOPSIS:

These meetings have historically been cancelled due to the Thanksgiving and Christmas holidays.

FISCAL IMPACT STATEMENT:

BACKGROUND:

LEGAL REVIEW:

RECOMMENDATION:

SUGGESTED MOTION:

ATTACHMENT: None