



Community Development Department

Office of the Director

4100 Indian Bayou Trail | Destin, FL 32541 | Phone: 850-654-1119 | Email: planning@cityofdestin.com

October 22, 2025

Development Order No. 25-22

Final Development Order:

SHORES AT CRYSTAL BEACH A MAJOR DEVELOPMENT ORDER (DEV-001655-2025)

Based upon the City's approval and issuance of this Development Order on October 22, 2025, this document will serve as the Final Development Order for the proposed subject project(s) and includes all the provisions and conditions in the attached Technical Review Committee Report.

The approved project scope includes the expansion of the existing parking lot and the construction of an additional parking lot for the Shores at Crystal Beach Access. This will consist of expanding the existing western parking lot to include 19 standard parking spaces and one ADA accessible spot, while adding 34 Low-Speed Vehicle (LSV) parking spaces in the new eastern lot, along with a restroom facility, a dune walkover, and the associated infrastructure. This approved Development Order is for the property located and described below:

2942, 2966, & 2970 Scenic Highway 98
Parcel IDs: 00-2S-22-0590-0000-00CA,
00-2S-22-0584-0000-0010,
& 00-2S-22-0584-0000-0030

DETERMINATIONS:

1. This final development order is in accordance with the approved construction documents, which is inclusive of the Technical Review Committee Report (Exhibit A), Destin Water Users (DWU) approval with conditions (Exhibit B), Civil Plans (Exhibit C), Architectural Plans (Exhibit D), Landscape & Lighting Plans (Exhibit E), and Okaloosa Gas District Review (Exhibit F), dated approved October 22, 2025.
2. All the findings and requirements of the Technical Review Committee Report are incorporated herein.

CONDITIONS OF APPROVAL:

SPECIFIC CONDITIONS:

1. Prior to the issuance of a Certificate of Occupancy, the developer/owner, engineer of record and

the contractor shall make themselves familiar with ***Land Development Code (LDC) Section 11.09.00***, Illicit Discharge, and shall comply with the codes, or be subject to enforcement.

2. Any sidewalk damaged during construction shall be replaced from joint to joint. Four inch (4") thick minimum, 4000 psi with fiber, and a light broom finish. Where a sidewalk cuts through a driveway, concrete shall be a minimum of 6" thick, per ***LDC Section 8.01.00.G.6.g***.
3. Any infrastructure damaged within the right-of-way during construction shall be repaired to original or better condition, per ***LDC Section 8.01.00.A***.
4. Ensure public sidewalk crossing driveway meets ADA cross slope requirements of 2% maximum, per ***LDC Section 8.05.03.A***.
5. No overnight storage of construction equipment, materials, or vehicles within the right-of-way. All construction related vehicles can temporarily park (not overnight) within the right-of-way (only along the projects frontage) if the vehicles are a minimum of four feet from the edge of pavement and not blocking any sidewalk, per ***LDC Section 8.01.00.A.3***.
6. Okaloosa Gas District will "Locate and Protect" its facilities in the area of construction. Contractor must call Sunshine 811 (72 hours) prior to construction to have underground utilities located. Please note: The provided Okaloosa Gas District Review (Exhibit G) is for reference, and the locations should be considered approximate for planning purposes only.
7. No work is to be conducted waterward of the mean high-water line.
8. Property is in White Sand Zone 1: White sand must be used as fill material which is to remain uncovered in Zone 1. Other materials may be used under special conditions stipulated by ***LDC Section 11.07.05***. Prior to bringing any fill material on site, a sample of the proposed white sand fill must be provided and approved by the planning division. Per ***LDC Section 11.07.06***, if at the time of reconstruction or redevelopment of the site, materials and/or soils previously used in development which are not indigenous to Zone 1 are disturbed and or located on the site, the nonconforming materials/soils shall be immediately removed from the site and from the zone using safeguards to prevent discoloring the natural sand at the site and adjacent properties.
9. The location of property pins shall be staked at the beginning of all projects involving site or building improvements that affect structure footprint, impervious surface, or any other improvement that modifies the site. The stakes shall be maintained on site throughout the entire project timeline up to issuance of the Certificate of Occupancy or Completion.
10. The applicant shall comply with all Destin Water Users (DWU) and Destin Fire Control District conditions of approval outlined in the corresponding approval letters.
11. Project must comply with the standards in ***LDC Section 7.17.00***. to include ***Section 7.17.04 - Outdoor Lighting Standards for the Marine Turtle Conservation Zone***.
12. The general contractor will submit a detailed construction vehicle parking plan prior to the commencement of construction and include it when applying for building permits.

13. Per Florida Power and Light (FPL), the contractor shall contact the area service planner at 850-833-4814 for any required services.

GENERAL CONDITIONS:

1. Pursuant to the City of Destin Land Development Code:

Construction of infrastructure must commence within one (1) year of approval date (date from which the Final Development Order is issued by the Community Development Department) of the Final Development Order on **October 22, 2025** (no later than **October 22, 2026**) and must be completed as shown on plans approved by the Technical Review Committee.

WARNING: If the applicant/owner has not obtained a building permit(s) for either the construction of infrastructure or construction of the entire project and that construction has not commenced within one (1) year of issuance of the final development order, the final development order will become null and void and the application for development order approval must be re-initiated (*Land Development Code (LDC) Section 2.21.00*).

NOTE: Construction of infrastructure shall be defined as site work, grading, or other construction activity (not including clearing and grubbing or demolition of existing structures) related to installation of roadways, access drives, parking lots, underground utilities, stormwater or drainage facilities, or building foundations (*LDC Section 2.21.00*).

NOTE: An applicant/owner who desires to extend the twelve (12) month (1 year) deadline for either the construction of infrastructure or construction of the entire project must submit a written request to the Community Development Department, no less than thirty (30) days prior to the expiration of the twelve (12) month deadline to obtain a building permit and commence construction of infrastructure or construction of the entire project. The applicant may receive only one extension, and such extension shall not exceed one year. The applicant/owner should review *LDC Section 2.21.00* for further explanation of the Development Order extension process.

2. If the applicant fully complies with the requirements of Condition No. 1. above, the concurrency capacity allocation status for “Shores at Crystal Beach” will be protected. **However, the protected concurrency status will be lost and the application for development order approval must be re-initiated if:**
 - A. **Construction permits(s) in association with construction of infrastructure or construction of the entire project are not obtained in accordance with *LDC Section 2.10.00* to maintain concurrency, or**
 - B. **Construction activity ceases for a period of one (1) year after a building permit for construction of infrastructure or construction of the entire project has been issued so that concurrency is not maintained under *LDC Article 6*.**
3. The applicant must obtain City of Destin permits for the following activities on and off site (these may require bonding):
 - A. Disturbance of the City's Right-Of-Way.
 - B. Pavement cuts.

- C. Construction of any kind.
- D. Clearing, grubbing, or demolition.
- E. Paving, grading, drainage, sidewalks.
- F. Signage.
- G. Installation of utilities.
- H. Construction trailers.
- I. Site Screening.

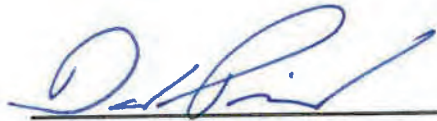
4. The following items must be addressed in the appropriate order:

- A. **Prior to the issuance of any City Permit**, a sign must be posted on the subject property notifying the public of emergency contact information of the person responsible for the project. Refer to **LDC 7.01.02(B)** for details on the size, location and contents of the sign. Additionally, a posting of emergency contact information sign affidavit must be submitted to the Planning Division prior to the issuance of any permits.
- B. **Prior to the Commencement of Construction**, a fence permit, with a copy of the approved Erosion Control, Staging, and Construction Parking Plan for the site must be submitted and approved by the City. The submitted plan shall also indicate the location of the Construction Site Screening. Said screening must meet the requirements set forth in **Destin Code of Ordinances, Section 6-51 Screen Criteria**.
- C. **Prior to the issuance of any City Permit**, obtain a Florida Department of Environmental Protection (FDEP) National Pollutant Discharge Elimination System (NPDES) permit and submit a copy to the City Engineer, if applicable. Provide a copy of the Stormwater Pollution Prevention Plan (SWPPP) as required for the NPDES permit for all construction disturbance over 1 acre.
- D. **Prior to the issuance of any City Permit**, a copy of the Northwest Florida Water Management District (NFWFMD) storm water permit and a NPDES storm water construction generic Permit (if applicable) approval shall be provided.
- E. **Prior to the issuance of a Certificate of Occupancy**, the developer/owner, engineer of record and the contractor shall make themselves familiar with **LDC Article 11.09.00., Illicit Discharge**, and shall comply with the codes, or be subject to enforcement.
- F. **Prior to the issuance of a Certificate of Occupancy**, all applicable Impact Fees and other outstanding costs associated with this project that are owed to the City must be paid in full. The fee below is an **estimate only** and represents the Impact Fee rate as currently adopted. The fee will be reevaluated and assessed based on the fees adopted at the time of Building Permit application submittal.

Estimated impact fee total: \$0. Per LDC Section 19.01.01.D, impact fees shall not apply to development for which the City of Destin is the applicant.

- G. **Prior to the issuance of a Certificate of Occupancy**, the site layout, landscaping, outdoor lighting and architectural design must be inspected and approved by the Community Development Department.

H. **Prior to the issuance of a Certificate of Occupancy**, all assigned address number(s) for the principal building(s) shall be installed in accordance with ***LDC Section 7.18.04***.



David Prichard
Community Development Director
City of Destin

10/22/25

Date



Jeffrey Cozadd
Projects/Grants/Contracts Manager, Applicant
City of Destin

10-22-25

Date

EXHIBIT A
TECHNICAL REVIEW COMMITTEE REPORT
SHORES AT CRYSTAL BEACH
MAJOR DEVELOPMENT ORDER (DEV-001331-2024)

Applicant: City of Destin
Agent: Jeffrey Petermann, P.E.
Location: 2942, 2966, & 2970 Scenic Highway 98
Request: Expansion of the existing western parking lot to include 19 standard parking spaces, and one ADA accessible spot, while adding 34 Low-Speed Vehicle (LSV) parking spaces in the new eastern lot, along with a restroom facility, a dune walkover, and the associated infrastructure.
Parcel Size: ±1.80 acres, ±78,429.45 square feet
Future Land Use: Recreation (REC)
Zoning District: Recreation (REC)
Density: N/A
Intensity: FAR: 0.20 Allowed; 0.0352 Proposed
Application Date: July 31, 2025
Approved Site Plan Date: October 22, 2025

DISCUSSION/FINDINGS

The approved project scope includes the expansion to the existing parking lot and the construction of an additional parking lot for the Shores at Crystal Beach Access. This will consist of expanding the existing western parking lot to include 19 standard parking spaces and one ADA accessible spot, while adding 34 Low-Speed Vehicle (LSV) parking spaces in the new eastern lot, along with a restroom facility, a dune walkover, and the associated infrastructure. The subject project is located at 2942, 2966, & 2970 Scenic Highway 98 (Parcel IDs: 00-2S-22-0590-0000-00CA, 00-2S-22-0584-0000-0010, & 00-2S-22-0584-0000-0030), totaling approximately 1.80 acres in total.

COMPREHENSIVE PLAN/LAND DEVELOPMENT CODE

The subject property is within the **Crystal Beach Planning Area**. Also, the property has a Future Land Use Map Designation of **Recreation (REC)** and a Zoning Designation of **Recreation (REC)**. The proposed use is consistent with these land use regulations. The project, as required by the Comprehensive Plan and the Land Development Code, has undergone a compatibility review and meets the minimum requirements.

EXISTING USES

Nature Parks and Other Similar Institutions (NAICs 712190)

PROPOSED USES

Nature Parks and Other Similar Institutions (NAICs 712190)

INTENSITY

Maximum allowed: 0.20 FAR
Provided: 0.0352 FAR

HEIGHT

Maximum allowed: 35' / 3 stories
Approved: 15' / 1 story

SETBACKS

WESTERN PROPERTIES (00-2S-22-0590-0000-00CA, 00-2S-22-0584-0000-0010)

Front required:	None
Front approved:	±106.4'

Side minimum required (east):	None
Side approved (east):	±4.5'

Side minimum required (west):	None
Side approved (west):	±56.2'

Rear minimum required:	None
Rear approved:	>100'

EASTERN PROPERTY (00-2S-22-0584-0000-0030)

Front required:	None
Front approved:	±115.8'

Side minimum required (east):	None
Side approved (east):	±11.7'

Side minimum required (west):	None
Side approved (west):	±27.1'

Rear minimum required:	None
Rear approved:	>100'

OPEN SPACE

Minimum required:	25%
Provided:	74%

PLATTING

There is no platting associated with this application.

CONCURRENCY MANAGEMENT

Concurrency requirements have been met:

Potable Water/Sanitary Sewer: Signed September 24, 2025

Solid Waste: September 3, 2025

AIRPORT PROTECTION

As proposed, this project is not affected by nor affects the Destin Executive Airport. The applicant has indicated on the development order application that the proposed project is not within the Airport impact area.

NOTE: Per Okaloosa County Airports, all contractors that will require a crane to hang any material will need to file notice with the Federal Aviation Administration's (FAA) Obstruction Evaluation Group (OEG) and obtain an Aeronautical Study Number (ASN). File Notice by submitting FAA

Form 7460-1 at <https://oeaaa.faa.gov/oeaaa/external/portal.jspb>. The general contractor can obtain the ASN for the entirety of the project and all subcontractors can fall under their ASN.

RIGHT-OF-WAY DEDICATION

The project does not include any right-of-way dedication.

INGRESS/EGRESS

Vehicular access to the property is provided from the Scenic Highway 98 and Hutchinson Street public rights-of-way (ROWs).

PEDESTRIAN NETWORK

The project provides a complete pedestrian network as required in **LDC 8.09.03.A(6)**. A continuous internal sidewalk is provided throughout the development.

PARKING:

Required vehicle parking spaces for use

Park – 1 space: 1

Required vehicle parking spaces for entire site: 1

Provided vehicle parking spaces for entire site: 20

Provided Low Speed Vehicle (LSV) parking spaces: 34

Required bicycle parking spaces for use (10%): 1

Provided bicycle parking spaces: 10

UTILITIES:

All new utilities are required to be underground.

STORMWATER:

The City Manager’s Stormwater designee approved the stormwater plan on September 29, 2025.

REFUSE COLLECTION:

Trash receptacles are located throughout the park and inside the restrooms. Trash is collected by City of Destin Employees 7 days a week. All non-construction related dumpsters, trashcans, and recycling bins shall be placed in solid waste collection areas or inside a building.

WHITE SANDS ZONE

The proposed project is located within White Sand Zone 1. Therefore, only white sand shall be utilized as fill on site, per **LDC Section 11.07.02.A**. Prior to bringing any fill onto the site, the applicant shall provide Staff with a sample of the proposed fill for review and approval. 1. Per **LDC Section 11.07.06**, if at the time of reconstruction or redevelopment of the site, materials and/or soils previously used in development which are not indigenous to Zone 1 are disturbed and or located on the site, the nonconforming materials/soils shall be immediately removed from the site and from the zone using safeguards to prevent discoloring the natural sand at the site and adjacent properties.

LANDSCAPING

Street Trees Required (Sabal Palms): 8 trees

Reforestation Trees Required: 18 trees
Front Perimeter Landscape Buffer Required (1 per 25 linear feet): 6 trees
Interior Parking Islands Required: 5 trees

Total required trees:	37
Total trees provided*:	78

***Modification/alteration to any approved species of trees or shrubs shall be reviewed and approved by the Community Development Director or their designee prior to installation. A Development Order (DO) Deviation may be required if the proposed changes do not substantially meet the originally approved landscape plan.**

SIGNS

No signs were reviewed for permitting or compliance with the Development Order application. All proposed signs must be permitted through a sign permit and shall comply with the sign code section of the Destin Land Development Code in effect at the time a sign application is submitted.

IMPACT FEES:

Per ***LDC Section 19.01.01.D***, impact fees shall not apply to development for which the City of Destin is the applicant.

OTHER FEES:

NONE

OTHER COMMENTS:

Staff received public comment from and responded to one citizen inquiring about the scope of work, followed up by questions regarding the pedestrian and vehicular flow.



Exhibit B

APPROVED

By Jesse Hernandez at 9:03 am, Oct 22, 2025



DESTIN WATER USERS INC.

P.O. BOX 308 DESTIN, FL. 32540-0308 (850)-837-6146

DATE: 9/24/2025

TO: THE CITY OF DESTIN – COMMUNITY DEVELOPMENT
4200 TWO TREES ROAD
DESTIN, FLORIDA 32541

PROJECT: The Shores at Crystal Beach Expansion

PROJECT NUMBER: DEV-001655-2025

CONTACT: Jesse Hernandez

LOCATION: 4100 Indian Bayou Trail Destin, Florida 32541



PROJECT QUESTIONNAIRE WAS COMPLETED AND RETURNED TO DESTIN WATER USERS.

THIS LETTER CERTIFIES THAT THIS PROJECT HAS BEEN REVIEWED BY DESTIN WATER USERS INC. AT A TECHNICAL REVIEW COMMITTEE MEETING AND IS CONCEPTUALLY:

X APPROVED

(Subject to the following, which shall be a condition of the
Developmental Order with the City of Destin)

1. *ALL REVISIONS TO THE WATER AND/OR SEWER UTILITIES OF ANY PREVIOUSLY APPROVED PROJECT MUST BE REAPPROVED BY DESTIN WATER USERS, INC. IN WRITING AT LEAST 24 HOURS PRIOR TO IMPLEMENTATION.*
2. *FIELD VERIFIED AND SCALED "AS-BUILT" PLANS INCLUDING ALL UTILITY INFRASTRUCTURES MUST BE SUBMITTED TO THE CITY OF DESTIN AND FORWARDED TO DESTIN WATER USERS, INC. FOR FINAL INSPECTION BY DESTIN WATER USERS, INC. A WRITTEN APPROVAL SHALL THEN BE SUBMITTED TO THE CITY OF DESTIN PRIOR TO THE ISSUANCE OF CERTIFICATE OF OCCUPANCY BY THE CITY OF DESTIN IF THERE ARE NO OUTSTANDING ISSUES.*
3. **WATER**

a. Please confirm size of meter and BFP for east parcel on CU-101. Size may change service connection.

b. No FDEP permits are needed for a single service to a lot (east side).

c.

IF YOU HAVE QUESTIONS OR CONCERNS, PLEASE CONTACT MONICA WALLIS AT mwallis@dwuinc.com OR 850-837-6146 EXT. 3945 OR BY FAX AT 850-654-5173

Signed

QUALITY SERVICE SINCE 1964

APPROVED

By Jesse Hernandez at 9:03 am, Oct 22, 2025

d.

e.

f.

4. SEWER

a. East side will use existing service that was in place for previous residential home on the east side of lot, provided the elevations work for gravity flow. Elevations should be verified by contractor.

b. If elevations do not allow for gravity flow, then a private grinder pump station shall be installed.

c.

d.

e.

f.

5.

a.

b.

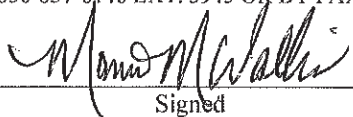
c.

d.

e.

f.

IF YOU HAVE QUESTIONS OR CONCERNS, PLEASE CONTACT MONICA WALLIS AT mwallis@dwuinc.com OR 850-837-6146 EXT. 3945 OR BY FAX AT 850-654-5173


Signed

QUALITY SERVICE SINCE 1964

Type text here

APPROVED

By Jesse Hernandez at 9:03 am, Oct 22, 2025

**CITY OF DESTIN
CONCURRENCY EVALUATION CERTIFICATION
SANITARY SEWER**

The following certificate must be completed in full, returned to and certified by one of the following sewer providers, and returned signed and dated to the City of Destin's Community Development Department:

Destin Water Users, Inc.
Attn: Mr. Steven Schmitt
218 Main St.
Destin, Florida 32541
Phone: (850) 337-3937 ext 3937
Fax: (850) 837-4165

South Walton Utility Company, Inc.
Attn: Ms. Alicia Keeter
369 Miramar Beach Drive
Miramar Beach, FL 32550
Phone: (850) 837-2988
Fax: (850) 837-7648

This section is to be completed in full by the project representative (i.e. Engineer of record):

Project Name: Shores at Crystal Beach Park Expansion
Project Address: Intersection of Huchison and Scenic 98
Project Representative: Baskerville Donovan, Inc. Phone: 251-380-0311
Square Footage and Type of Usage: 603.6SF Recreational (restroom facility)
Number of Units: 1
Signature: Raven S. Roberts Digitally signed by Raven S. Roberts
DN: C=US, E=roberts@baskervilledonovan.com, CN=Raven S. Roberts
Date: 2025.08.15 11:25:30-0500 Date: 08.15.2025

This section to be completed by Sewer Provider:

Is this site within an existing service area? Yes ☒ No ☐ If no, will the service area be extended? Yes ☐ No ☐

If no, how will sanitary sewer be provided: _____

Adopted Level of Service (LOS):

128 gallons per capita per day (Land Development Code: Article 6, Section 6.04.02.B.1)

Demand Generated by this project: 1,700 GPD

Will the project demand cause the plant to reach 85% of its operating capacity: Yes ☐ or No ☒ If yes, attach details of plans for upgrading facility including time schedules, etc.

Based on the methodology specified in Article 6, Section 6.04.00 of the City of Destin Land Development Code, the adopted LOS for sanitary sewer as stated above (IS) or **IS NOT** (circle one) maintained for this development.

M. M. Walker General Manager 9/24/25
Signature Title Date

APPROVED

By Jesse Hernandez at 9:03 am, Oct 22, 2025

**CITY OF DESTIN
CONCURRENCY EVALUATION CERTIFICATION
POTABLE WATER**

The following certificate must be completed in full, returned to and certified by one of the following water providers, and returned signed and dated to the City of Destin's Community Development Department:

Destin Water Users, Inc.
Attn: Mr. Steven Schmitt
218 Main St.
Destin, Florida 32541
Phone: (850) 337-3937 ext 3937
Fax: (850) 837-4165

South Walton Utility Company, Inc.
Attn: Ms. Alicia Keeter
369 Miramar Beach Drive
Miramar Beach, Florida 32550
Phone: (850) 837-2988
Fax: (850) 837-7648

This section is to be completed in full by the project representative (i.e. Engineer of record):

Project Name: Shores at Crystal Beach Park Expansion
Project Location: Hutchison and Scenic 98 Lot/Block: 3/B
Project Representative(s) Name: Baskerville Donovan, Inc. Phone #: 251-380-0311
Square Footage and Type of Usage: 603.6 Recreational (restroom facility)
Number of Units: 1
Signature: Raven S. Roberts Digitally signed by Raven S. Roberts
DN: cn=US, email=rsroberts@baskervilledonovan.com, cn=Raven S.
Roberts
Date: 2025.08.15 15:11:41-05'00' Date: 08.15.2025

This section to be completed by the Water Provider:

Is this site within an existing service area? Yes ☒ No ☐ If no, will the service area be extended? Yes ☐ No ☐ If no, how will potable water be provided: _____

Adopted Level of Service (LOS): 125 gallons per capita per day (average) (Land Development Code: Article 6, Section 6.04.02.B.5)

Demand Generated by this project: 1,700 GPD

Will the project demand cause the plant to reach 85% of its operating capacity: Yes ☐ No ☒ If yes, attach details of plans for upgrading facility including time schedules, etc.

Based on the methodology specified in Article 6, Section 6.04.00 of the City of Destin Land Development Code, the adopted LOS for potable water as stated above IS or IS NOT (circle one) maintained for this development.

[Signature] General Manager 9/24/25
Signature Title Date

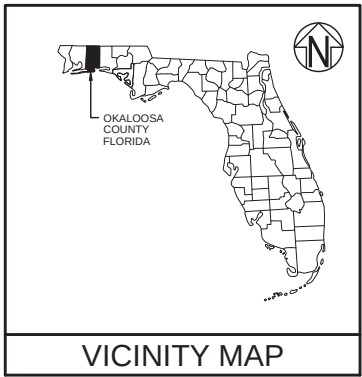
CONSTRUCTION PLANS FOR

SHORES AT CRYSTAL BEACH PARK EXPANSION

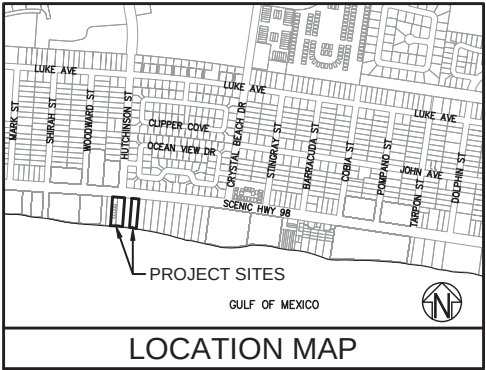
APPROVED
By Jesse Hernandez at 9:03 am, Oct 22, 2025

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LE-500	SITE LIGHTING DETAILS



VICINITY MAP



LOCATION MAP

AUGUST 2025

PREPARED FOR:
OKALOOSA COUNTY



OKALOOSA COUNTY
COMMISSIONERS

PAUL MIXON (CHAIRMAN)
CAROLYN KETCHEL
SHERRI COX
TREY GOODWIN
DREW PALMER

COMMISSIONER DISTRICT 1
COMMISSIONER DISTRICT 2
COMMISSIONER DISTRICT 3
COMMISSIONER DISTRICT 4
COMMISSIONER DISTRICT 5

PREPARED BY:

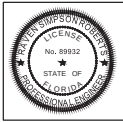


BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927

14101 PANAMA CITY BEACH PARKWAY, SUITE 110,
PANAMA CITY BEACH, FL 32413 (850) 230-6150
ENGINEERING BUSINESS: EB-0000340

PENSACOLA - PANAMA CITY BEACH - TALLAHASSEE - MOBILE

ENGINEER'S PROJECT NO. 12105.02



THIS ITEM (G-001 THRU CU-507) HAS BEEN
DIGITALLY SIGNED AND SEALED BY RAVEN
SIMPSON ROBERTS ON THE DATE
ADJACENT TO THE SEAL. PRINTED COPIES
OF THIS DOCUMENT ARE NOT CONSIDERED
SIGNED AND SEALED AND THE SIGNATURE
MUST BE VERIFIED ON ANY ELECTRONIC
COPIES.



48 HOURS BEFORE YOU DIG
CALL SUNSHINE
1-800-432-4770
IT'S THE LAW IN FLORIDA
FL STATUTE 553.851 (1979) REQUIRES
MIN. OF 2 DAYS AND MAX. OF 5 DAYS
NOTICE BEFORE YOU EXCAVATE.

A vertical number line with tick marks labeled A, B, C, D, E, F, and G from bottom to top.

- A

- UTILITY NOTES:

- | UTILITY CONTACT INFORMATION | | | |
|-----------------------------|---|--------------------------|----------------|
| UTILITY | ADDRESS | CONTACT NAME | PHONE NUMBER |
| WATER AND SANITARY SEWER | P.O. BOX 308, DESTIN, FL 32541 | DESTIN WATER USERS | (850) 837-6146 |
| POWER | 34854 EMERALD COAST PARKWAY, DESTIN, FL 32541 | FLORIDA POWER & LIGHT | (800) 225-5797 |
| NATURAL GAS | 364 VALPARAISO PARKWAY, VALPARAISO, FL 32580 | OKALOOSA GAS DISTRICT | (850) 729-4700 |
| TELECOMMUNICATIONS | 3405 MCLEMORE DRIVE, PENSACOLA, FL 32514 | COX COMMUNICATIONS, INC. | (850) 857-4571 |

1. CONTRACTOR SHALL OBTAIN A NPDES PERMIT FROM FDEP PRIOR TO COMMENCEMENT WORK.
2. ALL PIPE JOINTS, INCLUDING CONNECTIONS TO STRUCTURES, SHALL BE WRAPPED WITH FILTER FABRIC IN ACCORDANCE WITH FDOT DESIGN STANDARDS AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

	CAI
--	-----

SHORE AT CRYSTAL
BEACH EXPANSION

NO.	DATE	APPR.	REVISION / ACTION TAKEN
1	05/2025	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS

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BASKERVILLE DONOVAN, INC.
AND IS NOT TO BE REPRODUCED IN
WHOLE OR IN PART. IT IS NOT TO BE
USED ON ANY OTHER PROJECT AND IS
TO BE RETURNED UPON REQUEST.

**NOT RELEASED FOR
CONSTRUCTION**

PROJECT NO:	12105.02
DESIGNED BY:	RAS
DRAWN BY:	JJ
CHECK'D BY:	RLW
PROJ. MGR:	JCP
DATE:	AUGUST 2026

GENERAL NOTES

L:\121 Okaloosa County\12105.02 Shore at Crystal Beach Park Amendment\DWG\12105.02-General Notes.dwg, Aug 13, 2025 - 4:42:22PM, slucia

G

- F

E

D

C

B

A

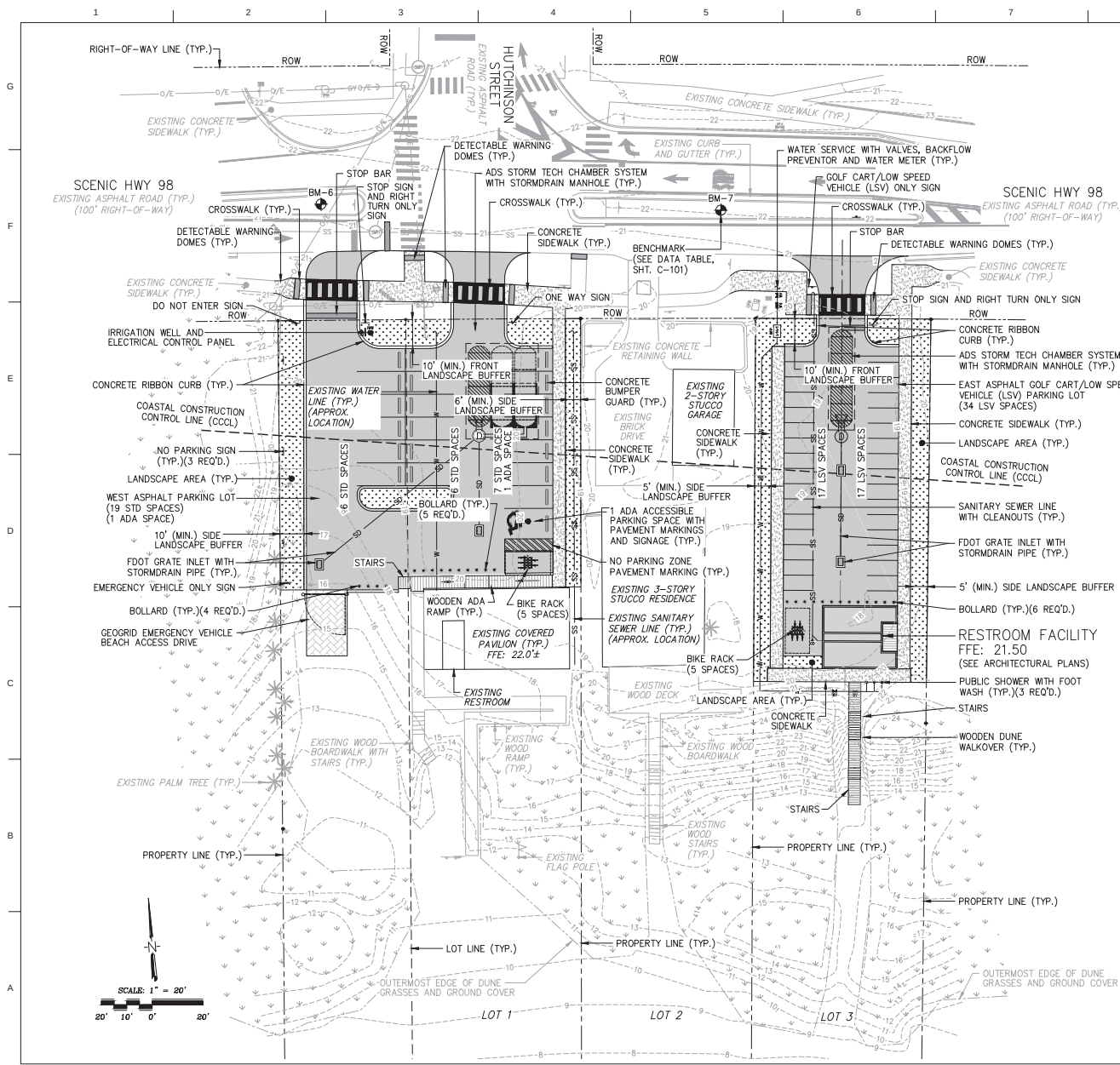
APPROVED
By Jesse Hernandez at 9:03 am, Oct 22, 2025

1. ROUTE HEAVILY LOADED TRUCKS AWAY FROM RESIDENTIAL STREETS, IF POSSIBLE. SELECT STREETS WITH FEWEST HOMES, IF NO ALTERNATIVES ARE AVAILABLE.
2. OPERATE EARTHMOVING EQUIPMENT ON THE CONSTRUCTION LOT AS FAR AWAY FROM VIBRATION-SENSITIVE SITES AS POSSIBLE.

1. PHASE DEMOLITION, EARTHMOVING AND GROUND-IMPACTING OPERATIONS SO AS NOT TO OCCUR IN THE SAME TIME PERIOD. UNLIKE NOISE, THE TOTAL VIBRATION LEVEL PRODUCED SHOULD BE SIGNIFICANTLY LESS WHEN EACH VIBRATION SOURCE OPERATES SEPARATELY. CONTRACTOR SHALL MINIMIZE IMPACTS ON SURROUNDING AREAS FOR ANY ACTIVITY EXCEEDING THE APPROXIMATE FTA VIBRATION ANNOYANCE THRESHOLD OF 80 VDB
2. AVOID NIGHTTIME ACTIVITIES. PEOPLE ARE MORE AWARE OF VIBRATION IN THEIR HOMES DURING THE NIGHTTIME HOURS.

1. SELECT DEMOLITION METHODS NOT INVOLVING IMPACT, WHERE POSSIBLE. FOR EXAMPLE, MILLING GENERATES LOWER VIBRATION LEVELS THAN EXCAVATION USING CLAM SHELL OR CHISEL DROPS. VIBRATIONS TO SENSITIVE RECEPTOR STRUCTURES SHALL NOT EXCEED THE VIBRATION DAMAGE THRESHOLD OF 95 VDB.
2. AVOID VIBRATORY ROLLERS AND PACKERS NEAR SENSITIVE AREAS.

SEAL



LEGEND

SITE DATA TABLE

PARCEL ID: 00-25-22-0590-000-00CA, 00-25-22-0584-0000-0010, 00-25-22-0584-0000-0030

LAND USE: RECREATION
FUTURE LAND USE: RECREATION

FLOOD ZONE: X * & ZONE VE 16

APPROVED
By Jesse Hernandez at 9:03 am, Oct 22, 2025

BUILDING SETBACKS REQUIRED:
FRONT = NONE
SIDE = NONE
REAR = NONE
(DESTIN LAND DEVELOPMENT CODE SECTION 7.12.08 DIMENSIONAL REQUIREMENTS, TABLE 7-3 FOR REC ZONE.)

BUILDING SETBACKS PROVIDED FOR EXISTING WEST BUILDING:
ROW TO NORTH SIDE OF BLDG = 106.4± FEET
EAST PROPERTY LINE TO EAST SIDE OF BLDG = 4.5± FEET
WEST PROPERTY LINE TO WEST SIDE OF BLDG = 56.2± FEET

BUILDING SETBACKS PROVIDED FOR EAST BUILDING:
ROW TO NORTH SIDE OF BLDG = 115.8± FEET
EAST PROPERTY LINE TO EAST SIDE OF BLDG = 11.7± FEET
WEST PROPERTY LINE TO WEST SIDE OF BLDG = 27.1± FEET

BUILDING INFORMATION: PROPOSED RESTROOM FACILITY
BUILDING HEIGHT:
ALLOWED: 35'
PROPOSED: 15'
BUILDING STORIES:
ALLOWED: 3
PROPOSED: 1

GROSS FLOOR AREA: (WEST: 2158.3± SQ. FT.)
(EAST: 603.6± SQ. FT.)

TOTAL SITE AREA: (WEST: 47796.83 SQ. FT. OR 1.10 AC.)
(EAST: 30632.62 SQ. FT. OR 0.70 AC.)

MAX. FLOOR AREA RATIO: 20%

FLOOR AREA RATIO PROPOSED: (WEST: 4.5%) (EAST: 2.0%)

IMPERVIOUS AREA ALLOWED: (WEST: 35847.62 SQ. FT. OR 75%)
(EAST: 22974.47 SQ. FT. OR 75%)

IMPERVIOUS AREA PROPOSED: (WEST: 12885.86 SQ. FT. OR 27%)
(EAST: 7494.62 SQ. FT. OR 24%)

OPEN SPACE PROVIDED: (WEST: 34910.97 SQ. FT. OR 73%)
(EAST: 23182.00 SQ. FT. OR 76%)

PARKING

PARKING REQUIRED:
1 SPACE PER 150 SQ. FT. OF GROSS FLOOR AREA: (WEST: 13 SPACES)
(EAST: 5 SPACES)

PARKING PROVIDED:
REGULAR SPACES: (WEST: 19 SPACES)
ADA SPACES: (WEST: 1 SPACE)
LSV SPACES: (EAST: 32 SPACES)
BICYCLE PARKING SPACES: (WEST: 5 SPACES) (EAST: 5 SPACES)

* THIS PARCEL APPEARS TO LIE IN FLOOD ZONE X (NO MINIMUM FLOOD ELEVATION REQUIRED) AS DETERMINED FROM FEMA FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 12091C0493J, REVISED MARCH 9, 2021.

SIGNS

SIGNS PROVIDED:
DO NOT ENTER SIGNS: (WEST: 2 SIGNS)
RIGHT TURN ONLY SIGN: (WEST: 1 SIGN) (EAST: 1 SIGN)
(R7-8) ADA HANDICAPPED PARKING SIGN: (WEST: 1 SIGN)
(R8-3A) NO PARKING SIGN: (WEST: 3 SIGNS)
EMERGENCY VEHICLE ACCESS ONLY SIGN: (WEST: 1 SIGN)
(R1-1) STOP SIGN: (WEST: 1 SIGN) (EAST: 1 SIGN)
LOW SPEED VEHICLE (LSV) PARKING ONLY SIGN: (EAST: 1 SIGN)

ENGINEERING THE SOUTH SINCE 1927

14101 PANAMA CITY BEACH PARKWAY, SUITE 110

PANAMA CITY, FLORIDA 32409-5000

PH: 904-934-1100 FAX: 904-934-1101

SHORE AT CRYSTAL BEACH EXPANSION

NO.	DATE	APPR.	REVISION ACTION TAKEN
1	08/20/25	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS

THE SHORE AT CRYSTAL BEACH EXPANSION, INC. AND ITS ENGINEERS HAVE REVIEWED THIS PROJECT AND IT IS NOT TO BE REPRODUCED OR USED ON ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.

NOT RELEASED FOR CONSTRUCTION

PROJECT NO. 12105.02

DESIGNED BY: RAS

DRAWN BY: JJ

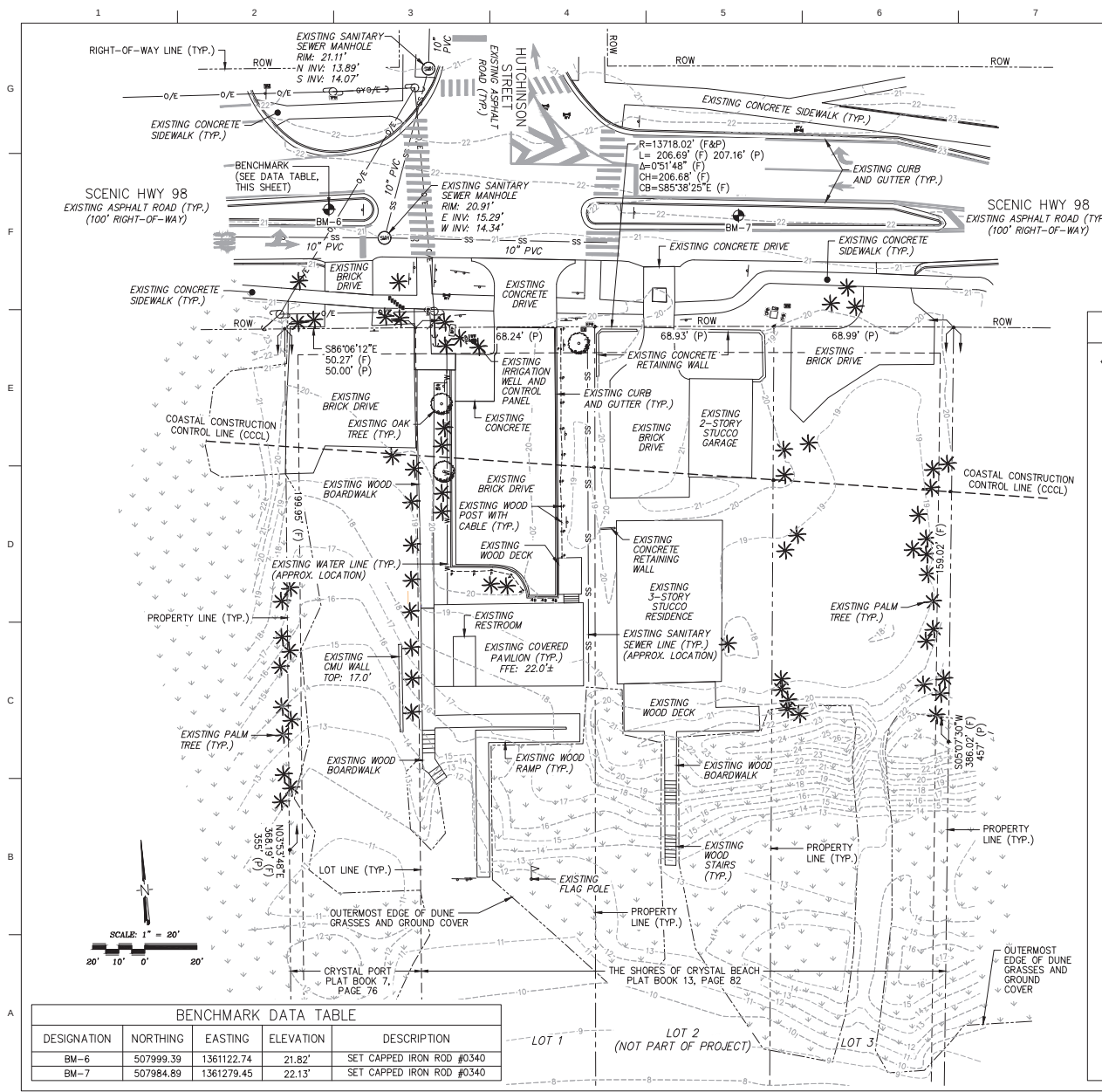
CHECKED BY: RAS

PROJECT MGR: JCP

DATE: AUGUST 2025

PROJECT OVERVIEW

C-100



APPROVED
By Jesse Hernandez at 9:03 am, Oct 22, 2025

ABBREVIATION LEGEND

ROW	OR	R/W	RIGHT OF WAY
INV			INVERT
EL	OR	ELEV	ELEVATION
O.R.			OFFICIAL RECORDS BOOK
(P)			PLAT
(F)			FIELD
(D)			DEED
R			RADIUS
Δ			DELTA
L			LENGTH
C			CHORD
CH			CHORD BEARING

SURVEY SYMBOL LEGEND

OR	OR	OR	SET CAPPED IRON ROD #0340
OR	OR	OR	FOUND IRON ROAD AND CAP
OR	OR	OR	FOUND IRON ROD AND CAP
OR	OR	OR	FOUND CRIMP TOP PIPE
OR	OR	OR	FOUND IRON ROD
OR	OR	OR	FOUND OPEN TOP PIPE
OR	OR	OR	FOUND CONCRETE MONUMENT
OR	OR	OR	SET NAIL AND DISK
OR	OR	OR	RIGHT OF WAY
OR	OR	OR	PROPERTY LOT LINE
OR	OR	OR	PROPERTY LINE
OR	OR	OR	MEAN HIGH WATER LINE
OR	OR	OR	COASTAL CONSTRUCTION CONTROL LINE (CCCL)
OR	OR	OR	LANDSCAPE BUFFER SETBACK
OR	OR	OR	EXISTING MAJOR CONTOUR LINE
OR	OR	OR	EXISTING MINOR CONTOUR LINE
OR	OR	OR	SIGN (SINGLE SUPPORT)
OR	OR	OR	SIGN (MULTI SUPPORT)
OR	OR	OR	WOODEN POST
OR	OR	OR	CONNECTION CABLE
OR	OR	OR	WOODEN POST
OR	OR	OR	BOLLARD
OR	OR	OR	DUNE GRASS
OR	OR	OR	TREE - OAK
OR	OR	OR	TREE - PINE
OR	OR	OR	FLAG POLE
OR	OR	OR	SANITARY SEWER LINE
OR	OR	OR	SANITARY SEWER MANHOLE
OR	OR	OR	IRRIGATION VALVE
OR	OR	OR	WATER LINE
OR	OR	OR	WATER BACKFLOW PREVENTOR
OR	OR	OR	WATER VALVE
OR	OR	OR	WATER METER
OR	OR	OR	WATER SHOWER STATION
OR	OR	OR	OVERHEAD ELECTRICAL LINE
OR	OR	OR	GUYWIRE
OR	OR	OR	ELECTRICAL POWER POLE
OR	OR	OR	ELECTRICAL WIRE PULL BOX
OR	OR	OR	ELECTRICAL SERVICE BOX
OR	OR	OR	TELEPHONE WIRE PULL BOX
OR	OR	OR	FIBER OPTIC WIRE PULL BOX
OR	OR	OR	CABLE TV WIRE PULL BOX

SURVEYOR'S NOTES:

- NORTH AND THE SURVEY DATUM SHOWN HEREON ARE BASED ON THE FLORIDA STATE PLANE COORDINATE SYSTEM, NORTH ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83) AND EXISTING FIELD MONUMENTATION.
- THE ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- NO TITLE SEARCH, TITLE OPINION, OR ABSTRACT WAS PERFORMED BY NOR PROVIDED TO THIS FIRM FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, BUILDING SETBACKS, RESTRICTIVE COVENANTS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE BOUNDARIES OR USE OF THE SUBJECT PROPERTY.
- THE FIELD SURVEY SHOWN HEREON WAS PERFORMED IN AUGUST 2021 AND RECORDED IN FIELD BOOK 21-06, PAGES 12-18.
- THE ABOVE GROUND UTILITIES SHOWN HEREON WERE BASED ON VISIBLE FIELD LOCATION. ANY SUBSURFACE UTILITIES SHOWN HEREIN SHOULD BE VERIFIED BY THE CONTRACTOR.
- ALL DISTANCES ARE EXPRESSED IN FEET AND DECIMAL PARTS THEREOF.
- SOIL BORING AND TEST PIT LOGS AND LABORATORY DATA CAN BE FOUND IN THE GEOTECHNICAL REPORT.

PROPERTY DESCRIPTIONS:

(O.R. BOOK 3502, PAGE 1397) UNITS A, B, C, D, E, AND COMMON AREA OF CRYSTAL PORT, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 7, PAGE 76, OF THE PUBLIC RECORD OF OKALOOSA COUNTY, FLORIDA.

AND ALSO:

(O.R. BOOK 2517, PAGE 3684) LOT 1, THE SHORES OF CRYSTAL BEACH, A PLANNED UNIT DEVELOPMENT, A RESUBDIVISION OF A PORTION OF BLOCK B, CRYSTAL BEACH SUBDIVISION ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 13, PAGE 82 OF THE PUBLIC RECORD OF OKALOOSA COUNTY, FLORIDA.

AND ALSO:

(O.R. BOOK 3506, PAGE 695) LOT 3, THE SHORES OF CRYSTAL BEACH, A PLANNED UNIT DEVELOPMENT, A RESUBDIVISION OF A PORTION OF BLOCK B, CRYSTAL BEACH SUBDIVISION ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 13, PAGE 82 OF THE PUBLIC RECORD OF OKALOOSA COUNTY, FLORIDA.

PARCEL ID NO. 00-25-22-0584-0000-0030

BASKERVILLE LEONOVAN INC.
ENGINEERING THE SOUTH SINCE 1927
14101 PANAMA CITY BEACH PARKWAY, SUITE 110
PANAMA CITY, FLORIDA 32409
PH: 904-277-1100 FAX: 904-277-1101

SHORE AT CRYSTAL BEACH EXPANSION

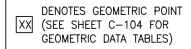
NO.	DATE	APPR.	REVISION ACTION TAKEN
1	08/20/25	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS

NO.	DATE	APPR.	REVISION ACTION TAKEN
1	08/20/25	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS

EXISTING CONDITIONS

C-101

By Jesse Hernandez at 9:04 am, Oct 22, 2025

SHORE AT CRYSTAL
BEACH EXPANSION

NO.	DATE	APPR.	REVISION / ACTION TAKEN
1	05/2025	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS

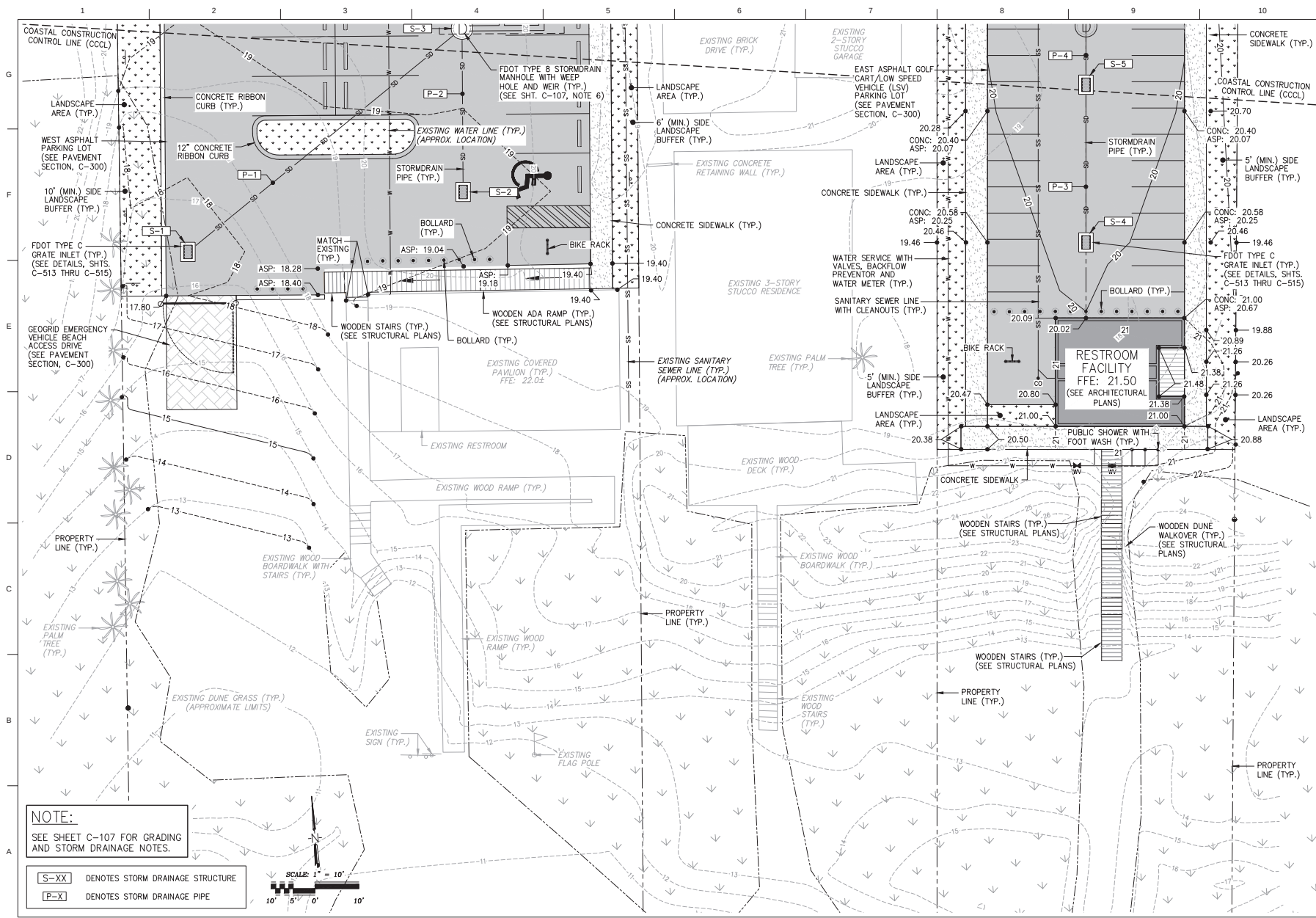
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PROJECT NO: 12105.02
DESIGNED BY: RAS
DRAWN BY: JJ
CHK'D BY: RLW
PROJ. MGR: JCP
DATE: AUGUST 2025

GEOMETRY PLAN

C-103

	1	2	3	4	5	6	7	8	9	10	
G											



BASKERVILLE-LEDONOVAN INC.
ENGINEERING THE SOUTH SINCE 1927
14101 PANAMA CITY BEACH PARKWAY, SUITE 110
PANAMA CITY, FLORIDA 32409
PH: 904.271.1900 • FAX: 904.271.1901 • WWW.BASKERVILLE-LEDONOVAN.COM

SHORE AT CRYSTAL BEACH EXPANSION

REVISION ACTION TAKEN	
1	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS

NO.	DATE	APPR.	JCP
1	08/20/25		

PROJECT NO. 12105.02

DESIGNED BY: JAS

DRAWN BY: JJ

CHECKED BY: RLV

PROJ. MGR.: JCP

DATE: AUGUST 2025

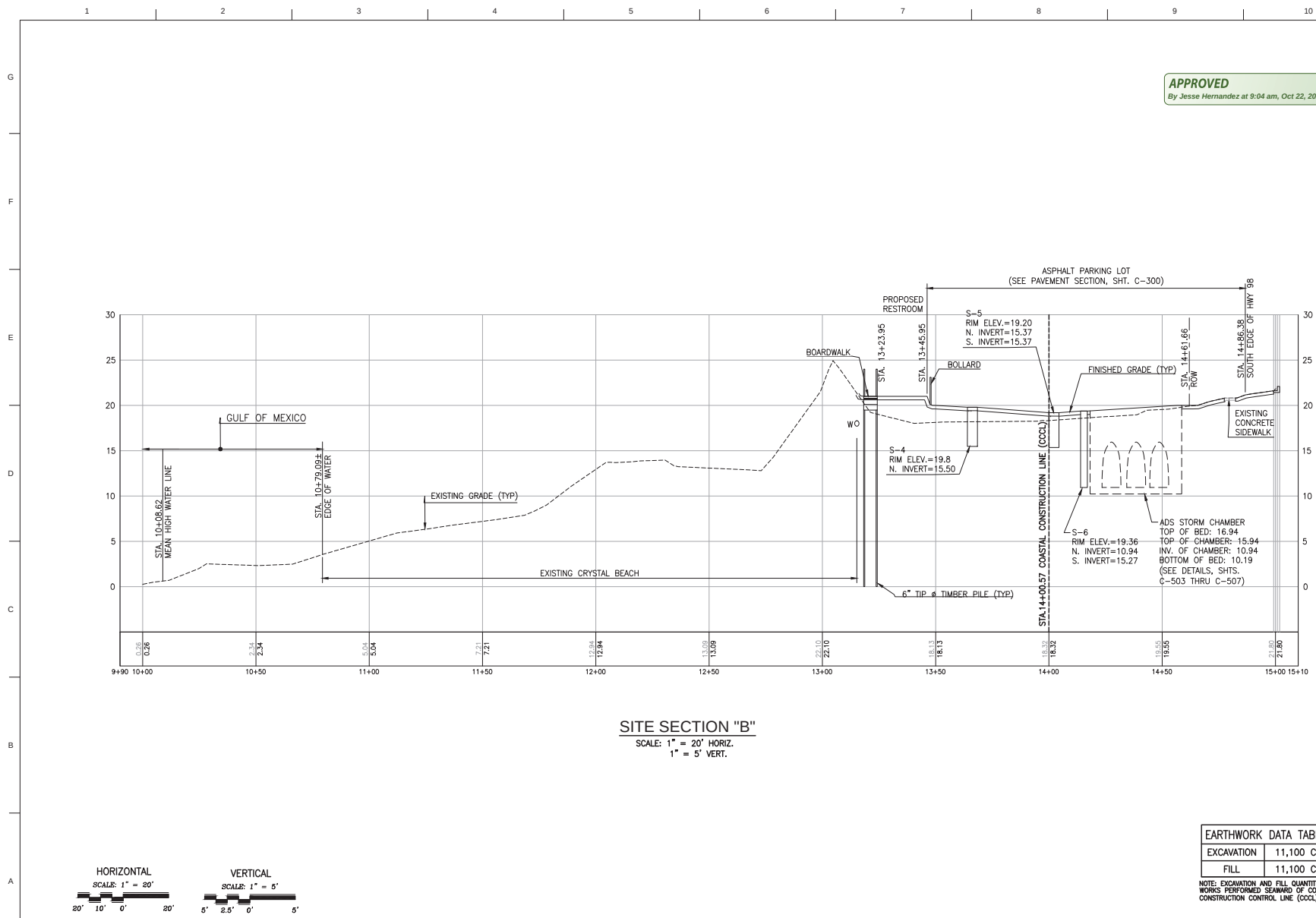
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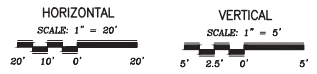
GRADING AND STORM DRAINAGE PLAN

C-106

100% SUBMITTAL



SITE SECTION "B"
 SCALE: 1" = 20' HORIZ.
 1" = 5' VERT.



APPROVED
 By Jesse Hernandez at 9:04 am, Oct 22, 2025

EARTHWORK DATA TABLE	
EXCAVATION	11,100 CF
FILL	11,100 CF

NOTE: EXCAVATION AND FILL QUANTITIES ARE WORKS PERFORMED SEAWARD OF COASTAL CONSTRUCTION CONTROL LINE (CCL)

BASKERVILLE DONOVAN, INC.
 ENGINEERING THE SOUTH SINCE 1927
 14101 PANAMA CITY BEACH PARKWAY, SUITE 110
 PANAMA CITY, FL 32409
 (904) 992-1100
 WWW.BASKERVILLEDONOVAN.COM

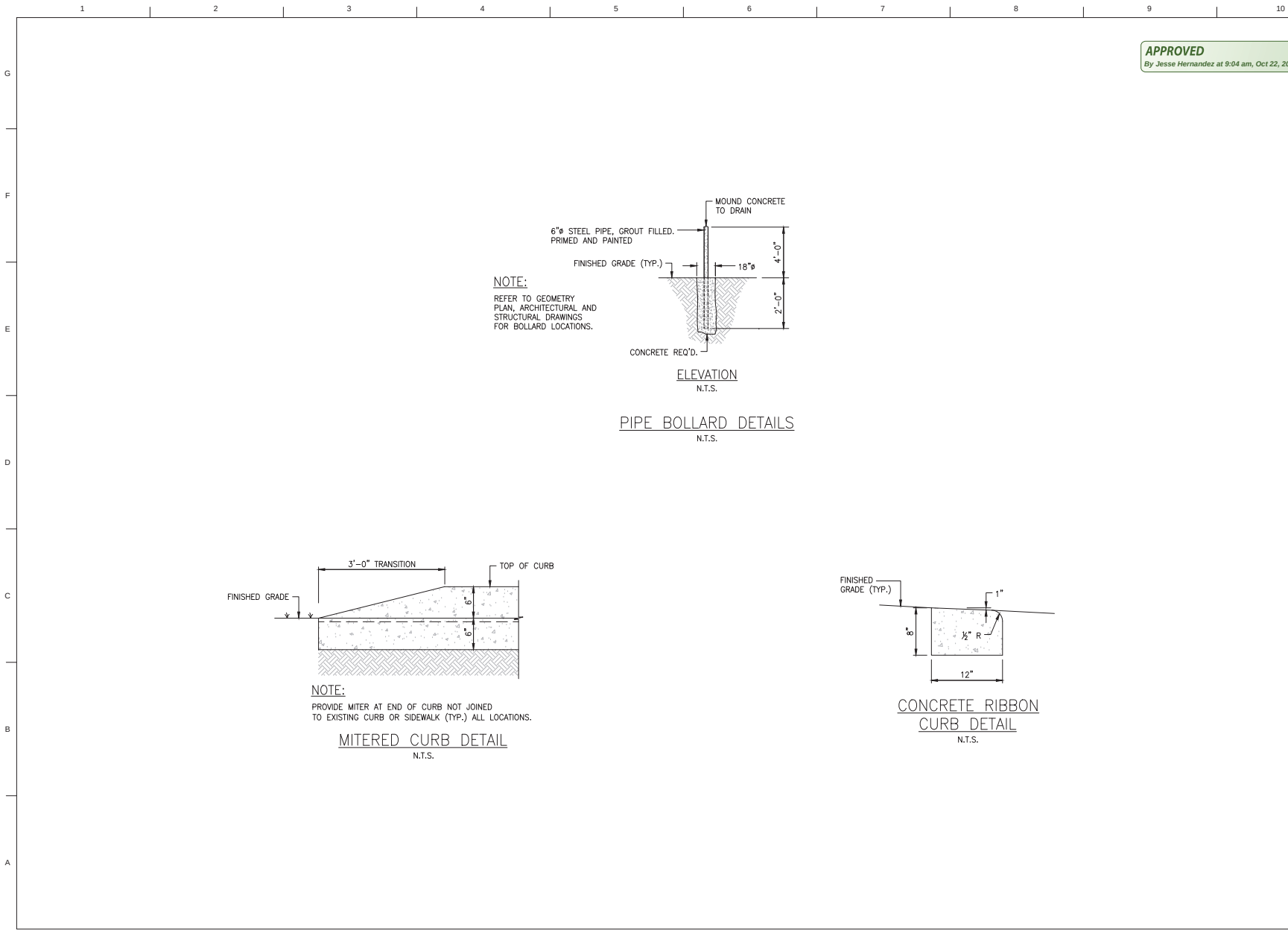
SHORE AT CRYSTAL BEACH EXPANSION

NO.	DATE	APPR.	REVISION / ACTION TAKEN
1	08/2025	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS

PROJECT NO. 12105.02
 DESIGNED BY: RAS
 DRAWN BY: JJ
 CHECKED BY: RAS
 PROJ. MGR.: JCP
 DATE: AUGUST 2025

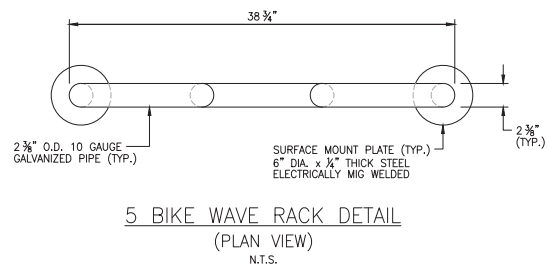
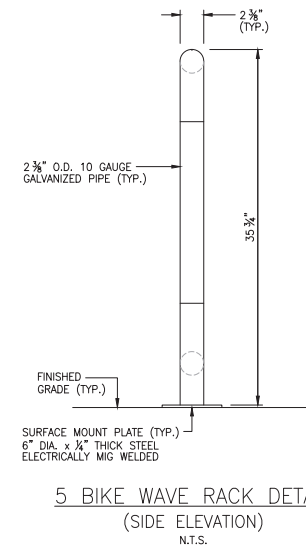
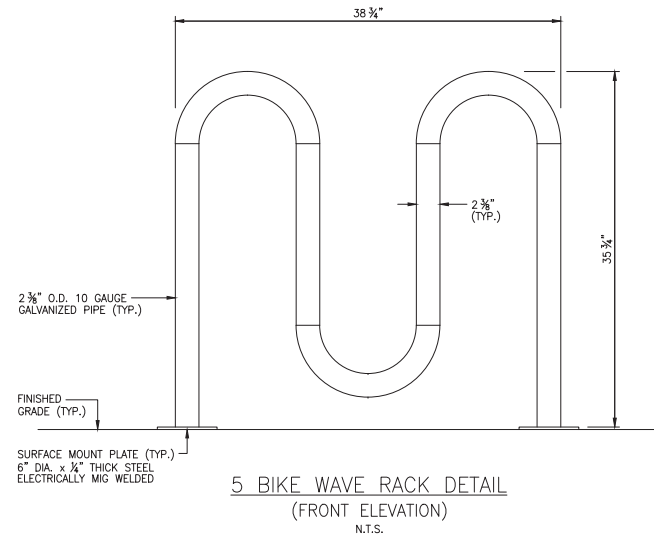
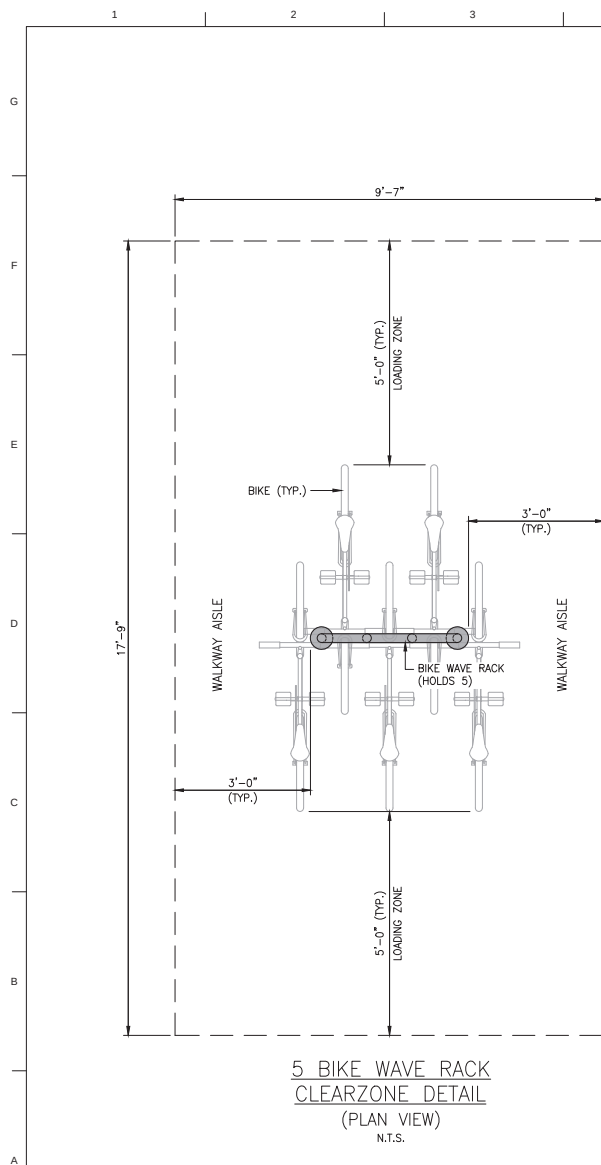
SITE SECTION 'B'

C-110



APPROVED
By Jesse Hernandez at 9:04 am, Oct 22, 2025

C-501	MISCELLANEOUS DETAILS	PROJECT NO.	12105.02	THE drawing is the property of BASKERVILLE-DONOVAN, INC. and is not to be reproduced in any form without the written consent of Baskerville Donovan, Inc. to be returned upon request.	NO.	1	DATE	05/20/25	APPR.	JCP	REVISION / ACTION TAKEN	SHORE AT CRYSTAL BEACH EXPANSION	BASKERVILLE-DONOVAN, INC. ENGINEERING THE SOUTH SINCE 1927 1811 PAMUNA CITY BEACH PARKWAY - SUITE 110 PAMUNA CITY BEACH, FL 32413 (850) 234-0150 PENSACOLA-PAMUNA CITY BEACH-TALLAHASSEE-MOBILE	SEAL			
		DESIGNED BY	JJ														
		DRAWN BY	JJ														
		CHECKED BY	RLW														
		PROJECT MGR.	JCP														
		DATE	AUGUST 2025														



NOTES:

1. RECOMMENDED SURFACE MOUNT HARDWARE:
3/8" x 3 1/2" CONCRETE EXPANSION ANCHOR BOLTS.
2. FRAMEWORK SHALL BE FABRICATED FROM 2 1/2" O.D.
10 GAUGE GALVANIZED PIPE.
3. POWDER COATED OR HOT DIPPED GALVANIZED.

1

2

3

4

5

6

7

8

9

10

PROPOSED LAYOUT

5

2

12

9

40

1703

418

101.5

STORMTECH MC-7200 CHAMBERS

STORMTECH MC-7200 END CAPS

STONE ABOVE (in)

STONE BELOW (in)

STONE VOID

INSTALLED SYSTEM VOLUME (CF)
(PERIMETER STONE INCLUDED)
(COVER STONE INCLUDED)
(BASE STONE INCLUDED)

SYSTEM AREA (SF)

SYSTEM PERIMETER (ft)

CONCEPTUAL ELEVATIONS

MAXIMUM ALLOWABLE GRADE (TOP OF PAVEMENT/UNPAVED):

MINIMUM ALLOWABLE GRADE (UNPAVED WITH TRAFFIC):

MINIMUM ALLOWABLE GRADE (UNPAVED NO TRAFFIC):

MINIMUM ALLOWABLE GRADE (TOP OF RIGID CONCRETE PAVEMENT):

MINIMUM ALLOWABLE GRADE (BASE OF FLEXIBLE PAVEMENT):

TOP OF STONE:

TOP OF MC-7200 CHAMBER:

24" ISOLATOR ROW PLUS INVERT:

BOTTOM OF MC-7200 CHAMBER:

BOTTOM OF STONE:

12.75

8.25

7.75

7.75

7.75

5.75

5.75

0.94

0.75

0.00

PART TYPE

ITEM ON LAYOUT

DESCRIPTION

PREFABRICATED END CAP

FLAMP

CONCRETE STRUCTURE

A

B

C

24" BOTTOM PARTIAL CUT END CAP, PART#: MC7200IEPP24B / TYP OF ALL 24" BOTTOM CONNECTIONS AND ISOLATOR PLUS ROWS

INSTALL FLAMP ON 24" ACCESS PIPE / PART#: MCFLAMP

(DESIGN BY ENGINEER / PROVIDED BY OTHERS)

*INVERT ABOVE BASE OF CHAMBER

INVERT*

MAX FLOW

2.26"

APPROVED

By Jesse Hernandez at 9:04 am, Oct 22, 2025

40.43'

38.43'

10.33'

8.33'

A

B

C

ISOLATOR ROW PLUS
(SEE DETAIL)

NO WOVEN GEOTEXTILE

--- --- --- BED LIMITS

NOTES

THE SITE DESIGN ENGINEER MUST REVIEW ELEVATIONS AND IF NECESSARY ADJUST GRADING TO ENSURE THE CHAMBER COVER REQUIREMENTS ARE MET.

NOT FOR CONSTRUCTION. THIS LAYOUT IS FOR DIMENSIONAL PURPOSES ONLY TO PROVE CONCEPT & THE REQUIRED STORAGE VOLUME CAN BE ACHIEVED ON SITE.

ADS

4640 TRUEMAN BLVD
HILLIARD, OH 43026
1-800-733-7473

StormTech

Chamber System

888-892-2694 | WWW.STORMTECH.COM

PROJECT NO.
12105.02

DESIGNED BY: RAS

DRAWN BY: JJ

CHECKED BY: RLW

PROJ. MGR: JCP

DATE: AUGUST 2025

ADS STORM TECH CHAMBER
SYSTEM DETAILS
(EAST ASPHALT PARKING LOT)

SHORE AT CRYSTAL
BEACH EXPANSION

REVISION / ACTION TAKEN

DATE

APPR.

NO.

1

05/02/25

JCP

SITE LAYOUT REVISED PER
CITY & COUNTY COMMENTS

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BASKERVILLE-DONOVAN, INC.

SHORE AT CRYSTAL
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05/02/25

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05/02/25

JCP

SITE LAYOUT REVISED PER
CITY & COUNTY COMMENTS

BASKERVILLE-DONOVAN, INC.

ENGINEERING THE SOUTH SINCE 1927

10000 W. PARKWAY AVE., SUITE 100
PENSACOLA, FL 32504-3610
PENSACOLA, FL 32504-3610
PENSACOLA, FL 32504-3610

SHORE AT CRYSTAL
BEACH EXPANSION

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05/02/25

JCP

SITE LAYOUT REVISED PER
CITY & COUNTY COMMENTS

SHORE AT CRYSTAL
BEACH EXPANSION

REVISION / ACTION TAKEN

DATE

APPR.

NO.

1

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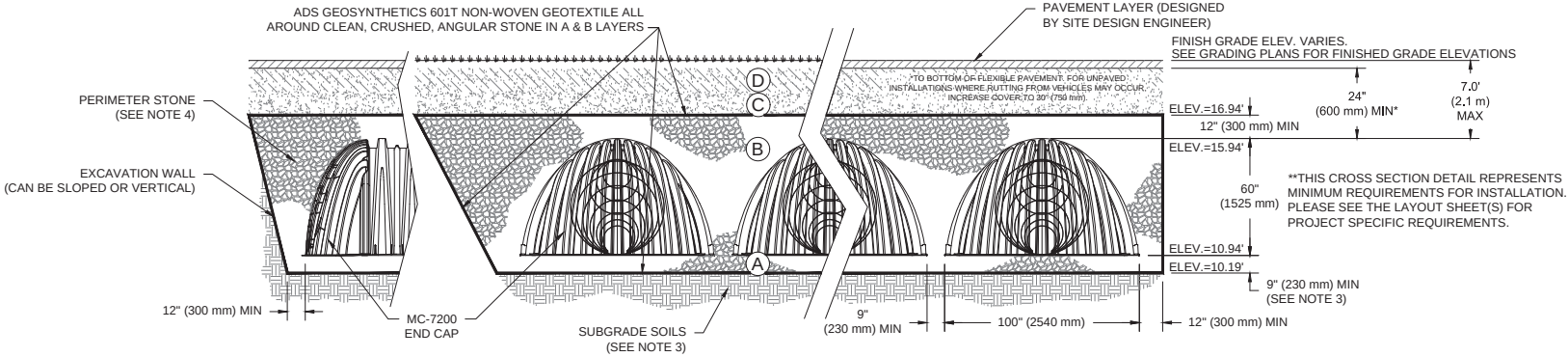
SITE LAYOUT REVISED PER
CITY & COUNTY COMMENTS

ACCEPTABLE FILL MATERIALS: STORMTECH MC-7200 CHAMBER SYSTEMS

MATERIAL LOCATION		DESCRIPTION	AASHTO MATERIAL CLASSIFICATIONS	COMPACTION / DENSITY REQUIREMENT
D	FINAL FILL: FILL MATERIAL FOR LAYER 'D' STARTS FROM THE TOP OF THE 'C' LAYER TO THE BOTTOM OF FLEXIBLE PAVEMENT OR UNPAVED FINISHED GRADE ABOVE. NOTE THAT PAVEMENT SUBBASE MAY BE PART OF THE 'D' LAYER	ANY SOIL/ROCK MATERIALS, NATIVE SOILS, OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS.	N/A	PREPARE PER SITE DESIGN ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS.
C	INITIAL FILL: FILL MATERIAL FOR LAYER 'C' STARTS FROM THE TOP OF THE EMBEDMENT STONE ('B' LAYER) TO 24" (600 mm) ABOVE THE TOP OF THE CHAMBER. NOTE THAT PAVEMENT SUBBASE MAY BE A PART OF THE 'C' LAYER.	GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES OR PROCESSED AGGREGATE. MOST PAVEMENT SUBBASE MATERIALS CAN BE USED IN LIEU OF THIS LAYER.	AASHTO M145 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10	BEGIN COMPACTIONS AFTER 24" (600 mm) OF MATERIAL OVER THE CHAMBERS IS REACHED. COMPACT ADDITIONAL LAYERS IN 12" (300 mm) MAX LIFTS TO A MIN. 95% PROCTOR DENSITY FOR WELL GRADED MATERIAL AND 95% RELATIVE DENSITY FOR PROCESSED AGGREGATE MATERIALS.
B	EMBEDMENT STONE: FILL SURROUNDING THE CHAMBERS FROM THE FOUNDATION STONE ('A' LAYER) TO THE 'C' LAYER ABOVE.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE ⁵	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	NO COMPACTION REQUIRED.
A	FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE ⁵	AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3}

- PLEASE NOTE:
- THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE CLEAN, CRUSHED, ANGULAR. FOR EXAMPLE, A SPECIFICATION FOR #4 STONE WOULD STATE: "CLEAN, CRUSHED, ANGULAR NO. 4 (AASHTO M43) STONE".
 - STORMTECH COMPACTION REQUIREMENTS ARE MET FOR 'A' LOCATION MATERIALS WHEN PLACED AND COMPACTED IN 9" (230 mm) (MAX) LIFTS USING TWO FULL COVERAGES WITH A VIBRATORY COMPACTOR.
 - WHERE INFILTRATION SURFACES MAY BE COMPROMISED BY COMPACTION, FOR STANDARD DESIGN LOAD CONDITIONS, A FLAT SURFACE MAY BE ACHIEVED BY RAKING OR DRAGGING WITHOUT COMPACTION EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR COMPACTION REQUIREMENTS.
 - ONCE LAYER 'C' IS PLACED, ANY SOIL/MATERIAL CAN BE PLACED IN LAYER 'D' UP TO THE FINISHED GRADE. MOST PAVEMENT SUBBASE SOILS CAN BE USED TO REPLACE THE MATERIAL REQUIREMENTS OF LAYER 'C' OR 'D' AT THE SITE DESIGN ENGINEER'S DISCRETION.
 - WHERE RECYCLED CONCRETE AGGREGATE IS USED IN LAYERS 'A' OR 'B' THE MATERIAL SHOULD ALSO MEET THE ACCEPTABILITY CRITERIA OUTLINED IN TECHNICAL NOTE 6.20 "RECYCLED CONCRETE STRUCTURAL BACKFILL".

APPROVED
By Jesse Hernandez at 9:04 am, Oct 22, 2025



NOTES:

- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418, "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101
- MC-7200 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- THE SITE DESIGN ENGINEER IS RESPONSIBLE FOR ASSESSING THE BEARING RESISTANCE (ALLOWABLE BEARING CAPACITY) OF THE SUBGRADE SOILS AND THE DEPTH OF FOUNDATION STONE WITH CONSIDERATION FOR THE RANGE OF EXPECTED SOIL MOISTURE CONDITIONS. REFERENCE STORMTECH DESIGN MANUAL FOR BEARING CAPACITY GUIDANCE.
- PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- REQUIREMENTS FOR HANDLING AND INSTALLATION:
 - TO MAINTAIN THE WIDTH OF CHAMBERS DURING SHIPPING AND HANDLING, CHAMBERS SHALL HAVE INTEGRAL, INTERLOCKING STACKING LUGS.
 - TO ENSURE A SECURE JOINT DURING INSTALLATION AND BACKFILL, THE HEIGHT OF THE CHAMBER JOINT SHALL NOT BE LESS THAN 3".
 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 500 LBS/FT²%. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

ADS 4640 TRUEMAN BLVD
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1-800-733-7473

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888-892-2694 | WWW.STORMTECH.COM

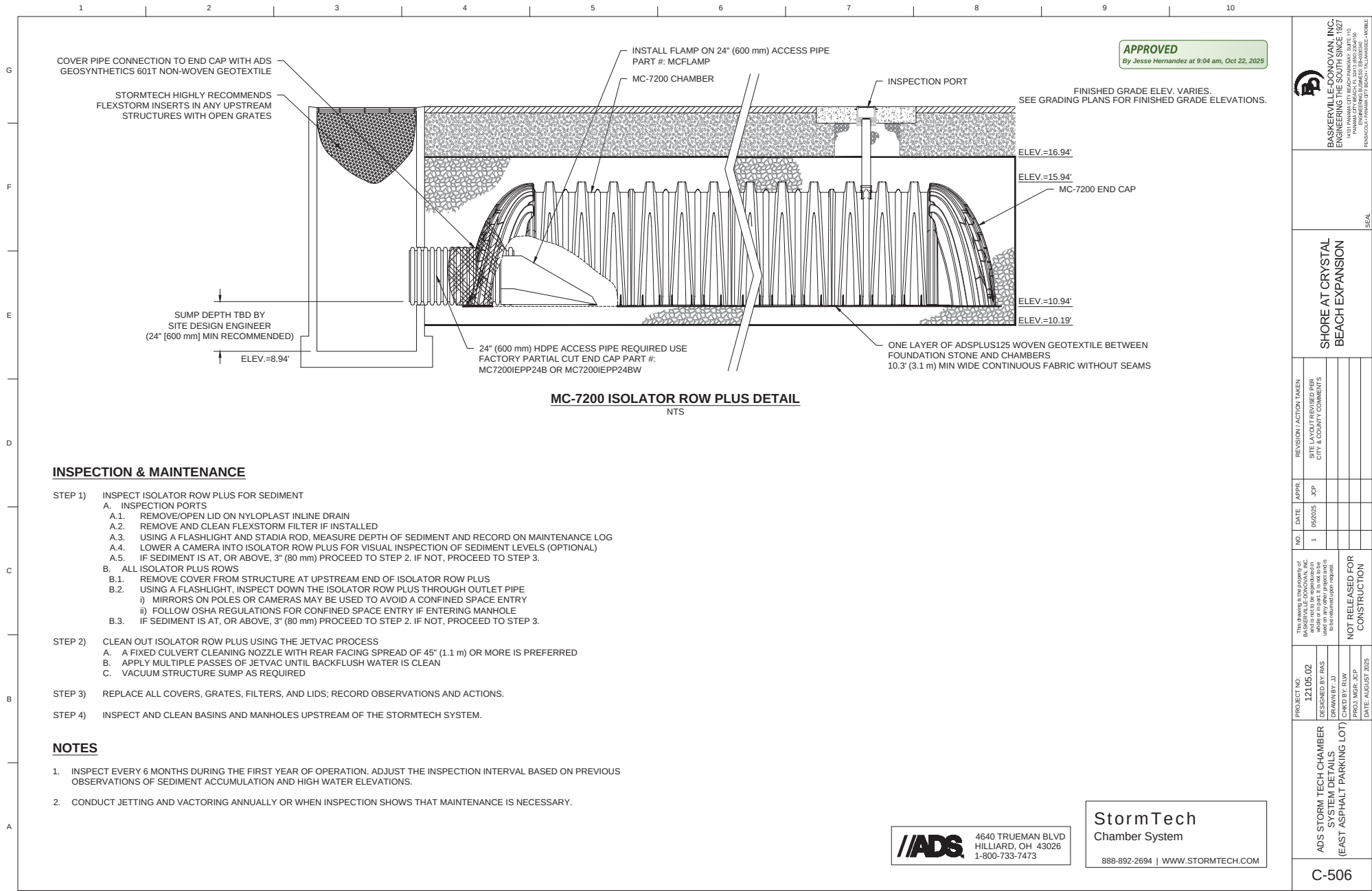
BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
1000 PARKWAY DRIVE, SUITE 1000, DALLAS, TX 75201
PH: 214.636.1100 FAX: 214.636.1101

SHORE AT CRYSTAL BEACH EXPANSION

REVISION / ACTION TAKEN		DATE	APPR.	DATE	NO.	DESCRIPTION
SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS		05/02/25	JCP		1	

ADS STORM TECH CHAMBER SYSTEM DETAILS (EAST ASPHALT PARKING LOT)

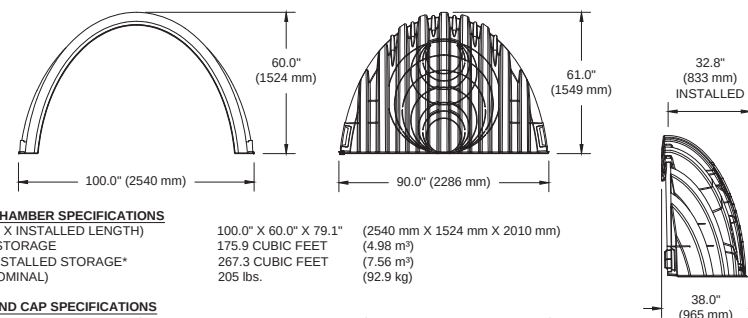
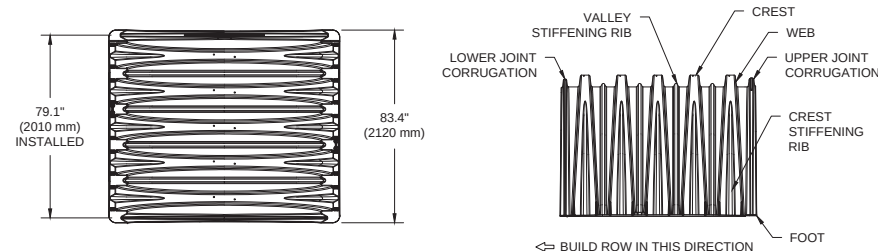
C-505





NTS

By Jesse Hernandez at 9:04 am, Oct 22, 2025



NOMINAL CHAMBER SPECIFICATIONS		
SIZE (W X H X INSTALLED LENGTH)	100.0" X 60.0" X 79.1"	(2540 mm X 1524 mm X 2010 mm)
CHAMBER STORAGE	175.9 CUBIC FEET	(4.98 m³)
MINIMUM INSTALLED STORAGE*	267.3 CUBIC FEET	(7.56 m³)
WEIGHT (NOMINAL)	205 lbs.	(92.9 kg)

NOMINAL END CAP INSTALLATIONS		
SIZE (W X H X INSTALLED LENGTH)	90.0" X 61.0" X 32.8"	(2286 mm X 1549 mm X 833 mm)
END CAP STORAGE	39.5 CUBIC FEET	(1.12 m³)
MINIMUM INSTALLED STORAGE*	115.3 CUBIC FEET	(3.26 m³)
WEIGHT (NOMINAL)	90 lbs.	(40.8 ka)

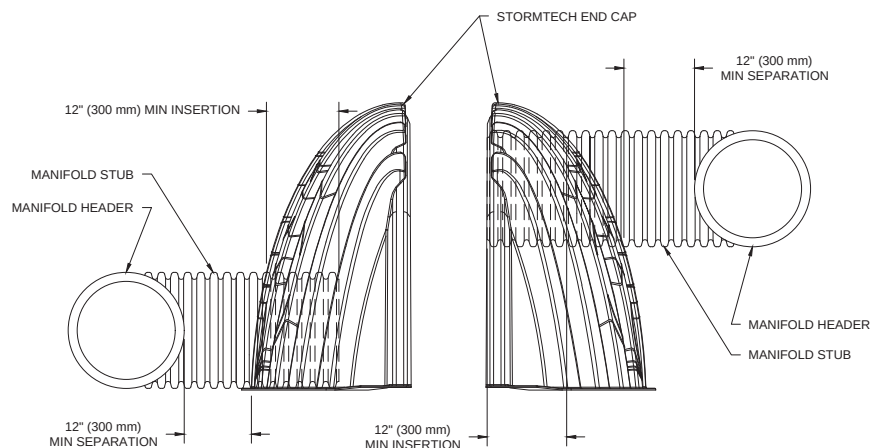
*ASSUMES 12" (305 mm) STONE ABOVE, 9" (229 mm) STONE FOUNDATION AND BETWEEN CHAMBERS, 12" (305 mm) STONE PERIMETER IN FRONT OF END CAPS AND 40% STONE POROSITY.

PARTIAL CUT HOLES AT BOTTOM OF END CAP FOR PART NUMBERS ENDING WITH "B"
PARTIAL CUT HOLES AT TOP OF END CAP FOR PART NUMBERS ENDING WITH "T"
END CAPS WITH A PREFABRICATED WELDED STUB END WITH "W"

END CAPS WITH A PREFABRICATED WELDED STUB END WITH W		
PART #	STUB	
MC7200IEPP06T	6" (150 mm)	42.54" (1081 mm)
MC7200IEPP06B		---
MC7200IEPP08T		0.86" (22 mm)
MC7200IEPP08B	8" (200 mm)	40.50" (1029 mm)
MC7200IEPP10T		---
MC7200IEPP10B		1.01" (26 mm)
MC7200IEPP12T	10" (250 mm)	38.37" (975 mm)
MC7200IEPP12B		---
MC7200IEPP14T		1.33" (34 mm)
MC7200IEPP15T	12" (300 mm)	35.69" (907 mm)
MC7200IEPP15B		---
MC7200IEPP18T		1.55" (39 mm)
MC7200IEPP18B	15" (375 mm)	32.72" (831 mm)
MC7200IEPP24T		---
MC7200IEPP24B		1.70" (43 mm)
MC7200IEPP24TW	18" (450 mm)	29.36" (746 mm)
MC7200IEPP28TW		---
MC7200IEPP28B		1.97" (50 mm)
MC7200IEPP28BW	24" (600 mm)	---
MC7200IEPP30BW		23.05" (585 mm)
MC7200IEPP36BW		---
MC7200IEPP42BW	30" (750 mm)	---
MC7200IEPP42BW		2.26" (57 mm)
MC7200IEPP42BW		---
MC7200IEPP42BW	36" (900 mm)	---
MC7200IEPP42BW		2.95" (75 mm)
MC7200IEPP42BW		---
MC7200IEPP42BW	42" (1050 mm)	---
MC7200IEPP42BW		3.25" (83 mm)
MC7200IEPP42BW		---
MC7200IEPP42BW	42" (1050 mm)	---
MC7200IEPP42BW		3.55" (90 mm)
MC7200IEPP42BW		---

CUSTOM PREFABRICATED INVERTS ARE AVAILABLE UPON REQUEST. INVENTORIED MANIFOLDS INCLUDE 12-24" (300-600 mm) SIZE ON SIZE AND 15-48" (375-1200 mm) ECCENTRIC MANIFOLDS. CUSTOM INVERT LOCATIONS ON THE MC-7200 END CAP CUT IN THE FIELD ARE NOT RECOMMENDED FOR PIPE SIZES GREATER THAN 10" (250 mm). THE INVERT LOCATION IN COLUMN 'B' ARE THE HIGHEST POSSIBLE FOR THE PIPE SIZE.

NTS



NOTE: MANIFOLD STUB MUST BE LAID HORIZONTAL FOR A PROPER FIT IN END CAP OPENING.

NOTE: ALL DIMENSIONS ARE NOMINAL

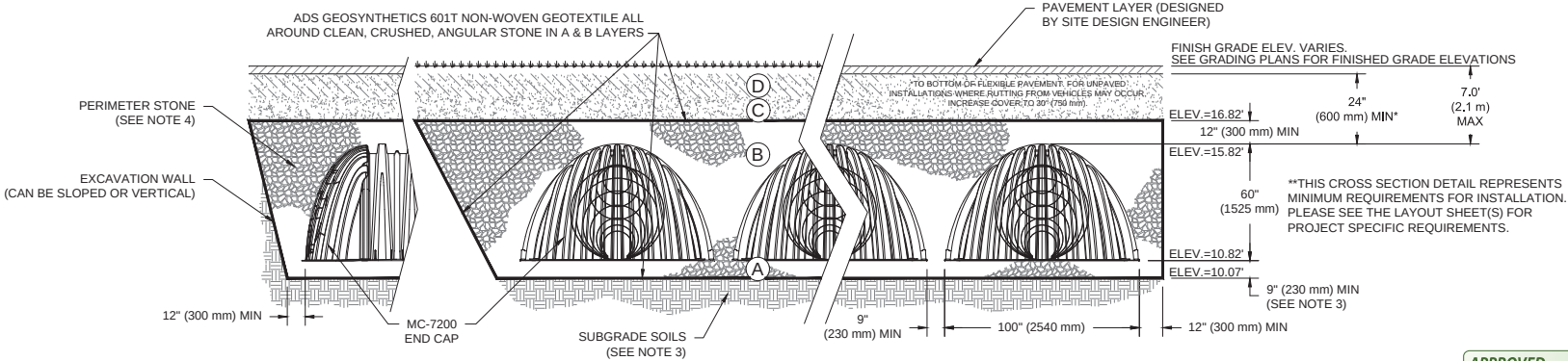
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C-508

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 - TO ENSURE THE INTEGRITY OF THE ARCH SHAPE DURING INSTALLATION, a) THE ARCH STIFFNESS CONSTANT SHALL BE GREATER THAN OR EQUAL TO 500 LBS/FT²/%. THE ASC IS DEFINED IN SECTION 6.2.8 OF ASTM F2418. AND b) TO RESIST CHAMBER DEFORMATION DURING INSTALLATION AT ELEVATED TEMPERATURES (ABOVE 73° F / 23° C), CHAMBERS SHALL BE PRODUCED FROM REFLECTIVE GOLD OR YELLOW COLORS.

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ENGINEERING THE SOUTH SINCE 1927
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PANAMA CITY BEACH, FL 32413-1802 (904) 935-1100
PANAMA CITY, FL 32413-1802 (904) 935-1100
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SHORE AT CRYSTAL BEACH EXPANSION

NO.	DATE	APPR.	REVISION / ACTION TAKEN
1	05/02/25	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS

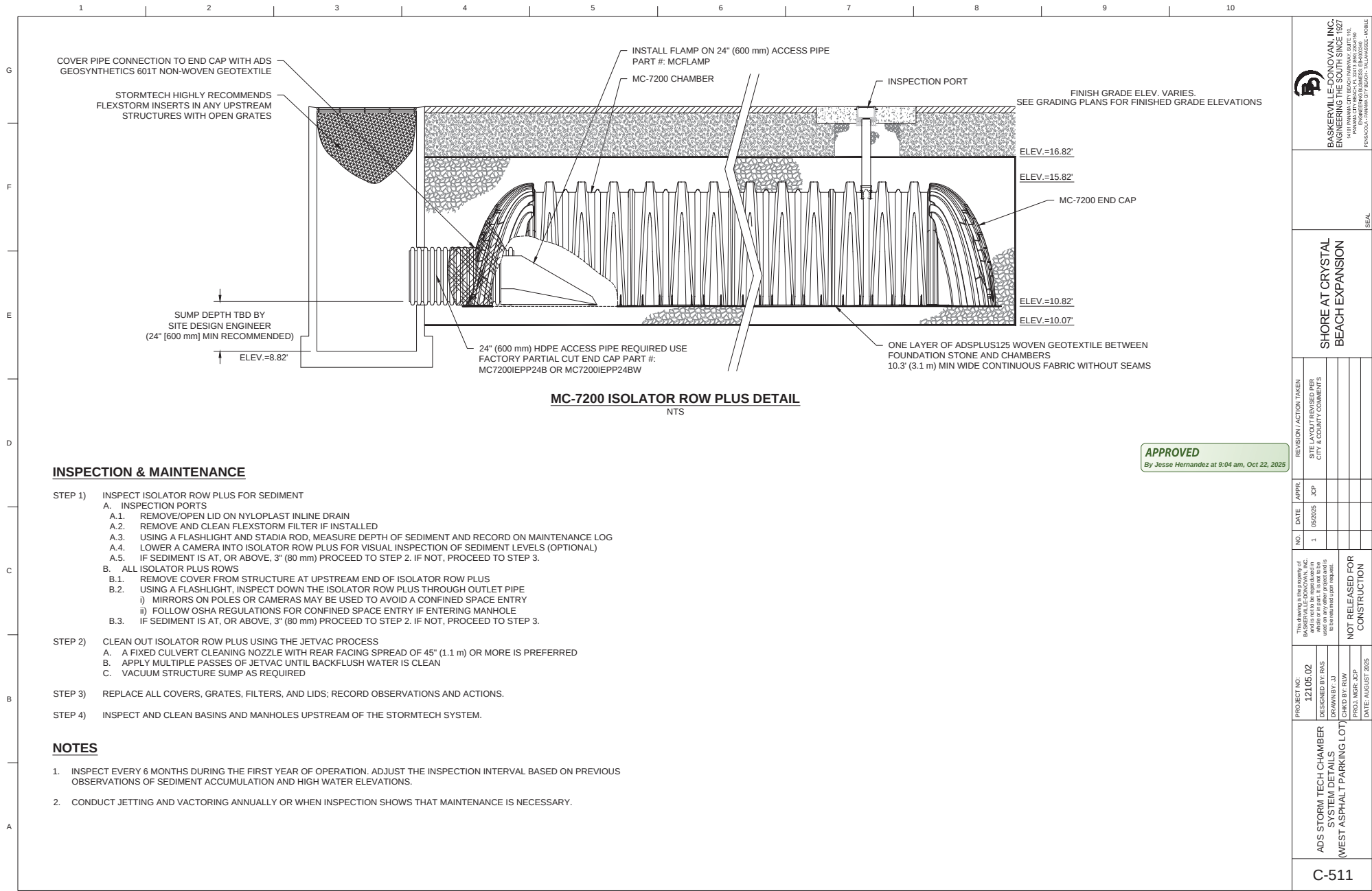
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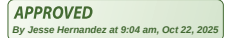
PROJECT NO: 12105.02
DESIGNED BY: BAS
DRAWN BY: JJJ
CHECKED BY: JJJ
PROJECT MANAGER: JCP
DATE: AUGUST 2025

ADS STORM TECH CHAMBER SYSTEM DETAILS (WEST ASPHALT PARKING LOT)

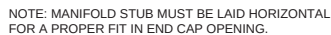
C-510



NTS



NTS



NOTE: ALL DIMENSIONS ARE NOMINAL

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DDDA

A



A

A

4. Install Type D-3 geobelt as described in the instructions.



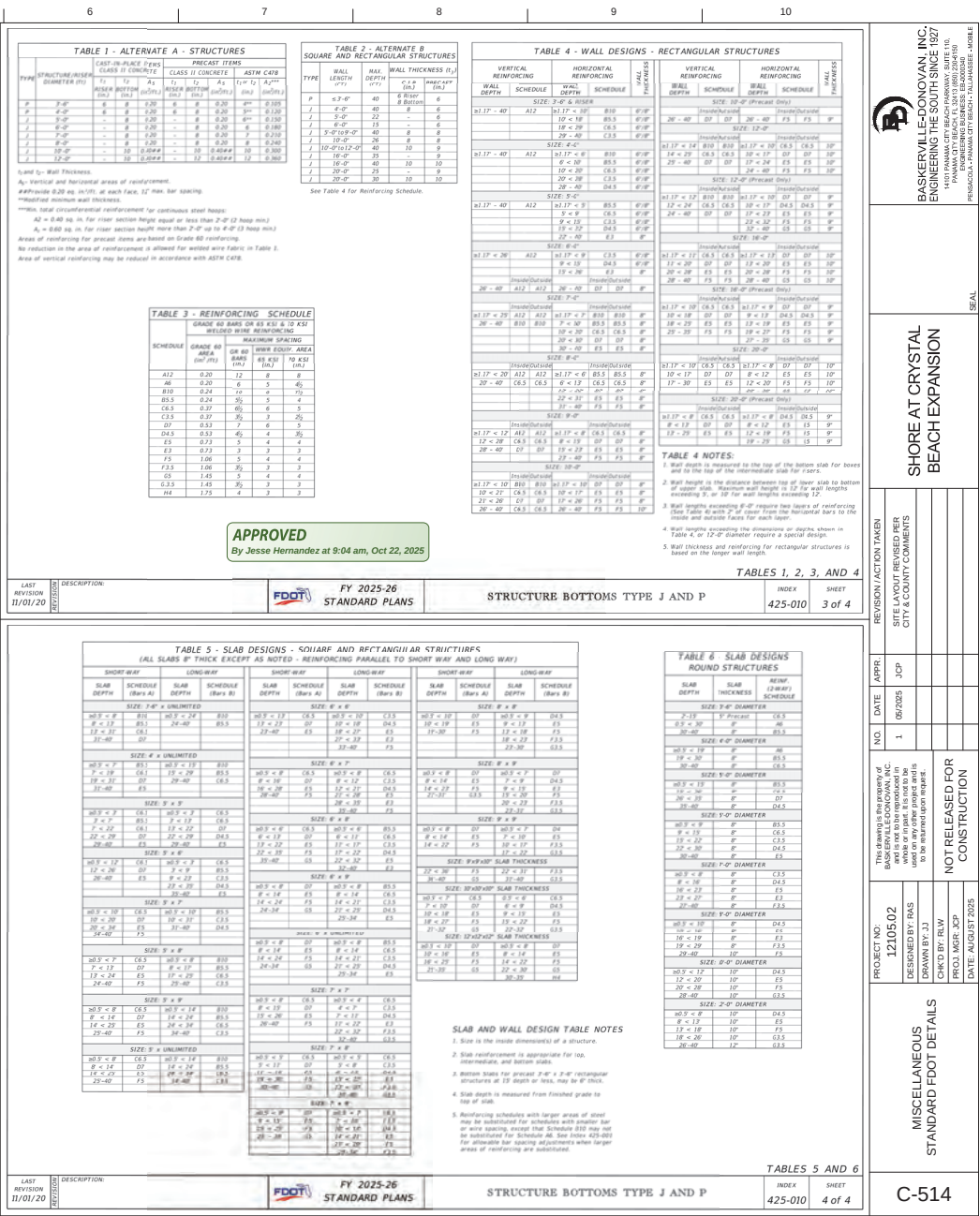
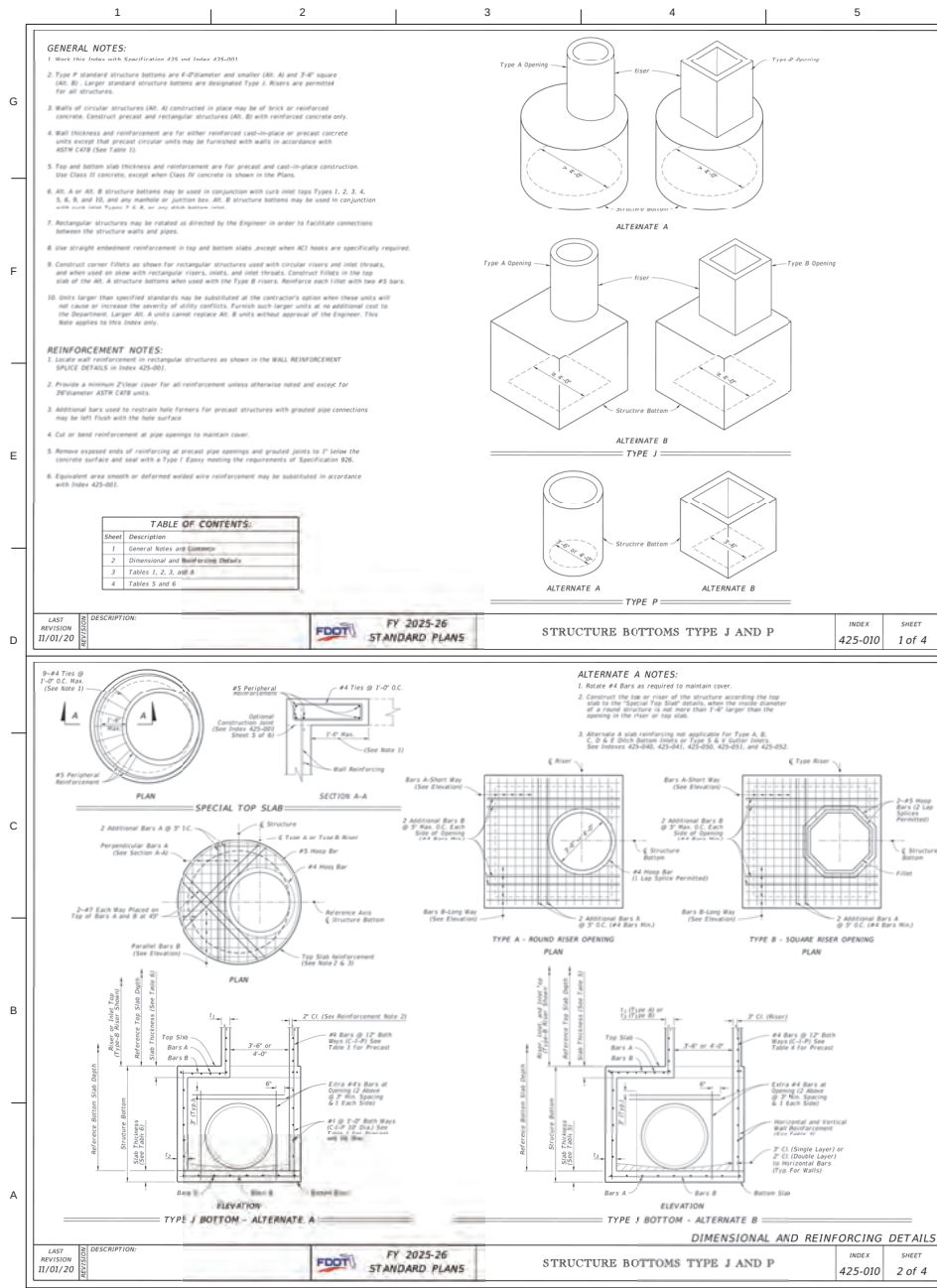
1. See Sheet 6 for optional construction joints.

	FY 2025-26	SUPPLEMENTARY DETAILS	INDEX	SHEET
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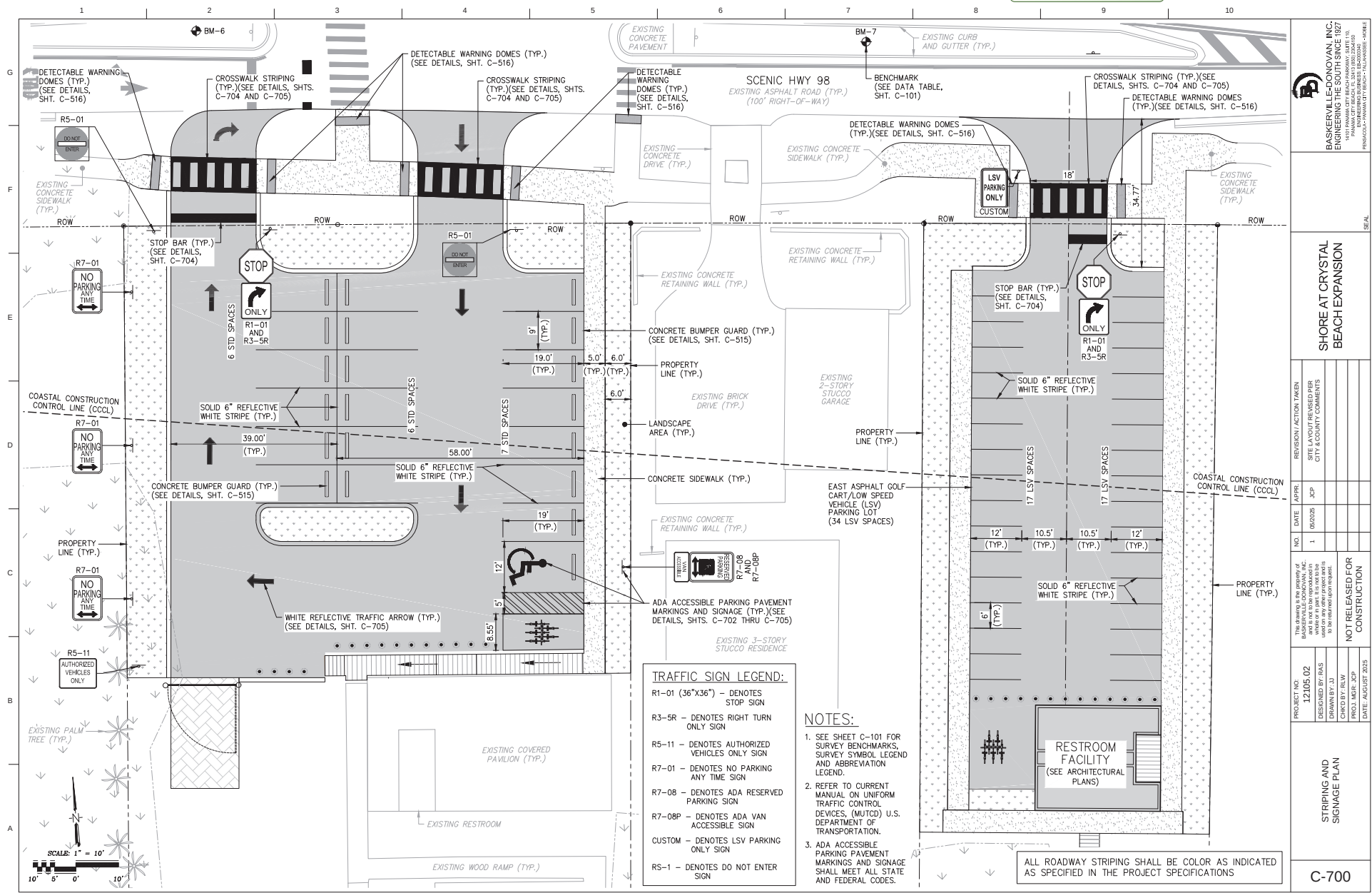
	FY 2025-26	SUPPLEMENTARY DETAILS	INDEX	SHEET
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NOTES
1. Substituent

FY 2025-26	SUPPLEMENTARY DETAILS	INDEX	SHEET
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APPROVED
By Jesse Hernandez at 9:04 am, Oct 22, 2025



BASKERVILLE DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
14101 PANAMA CITY BEACH PARKWAY, SUITE 110
PANAMA CITY, FL 32413
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SHORE AT CRYSTAL BEACH EXPANSION

REVISION ACTION TAKEN	
NO.	DATE
1	08/20/25

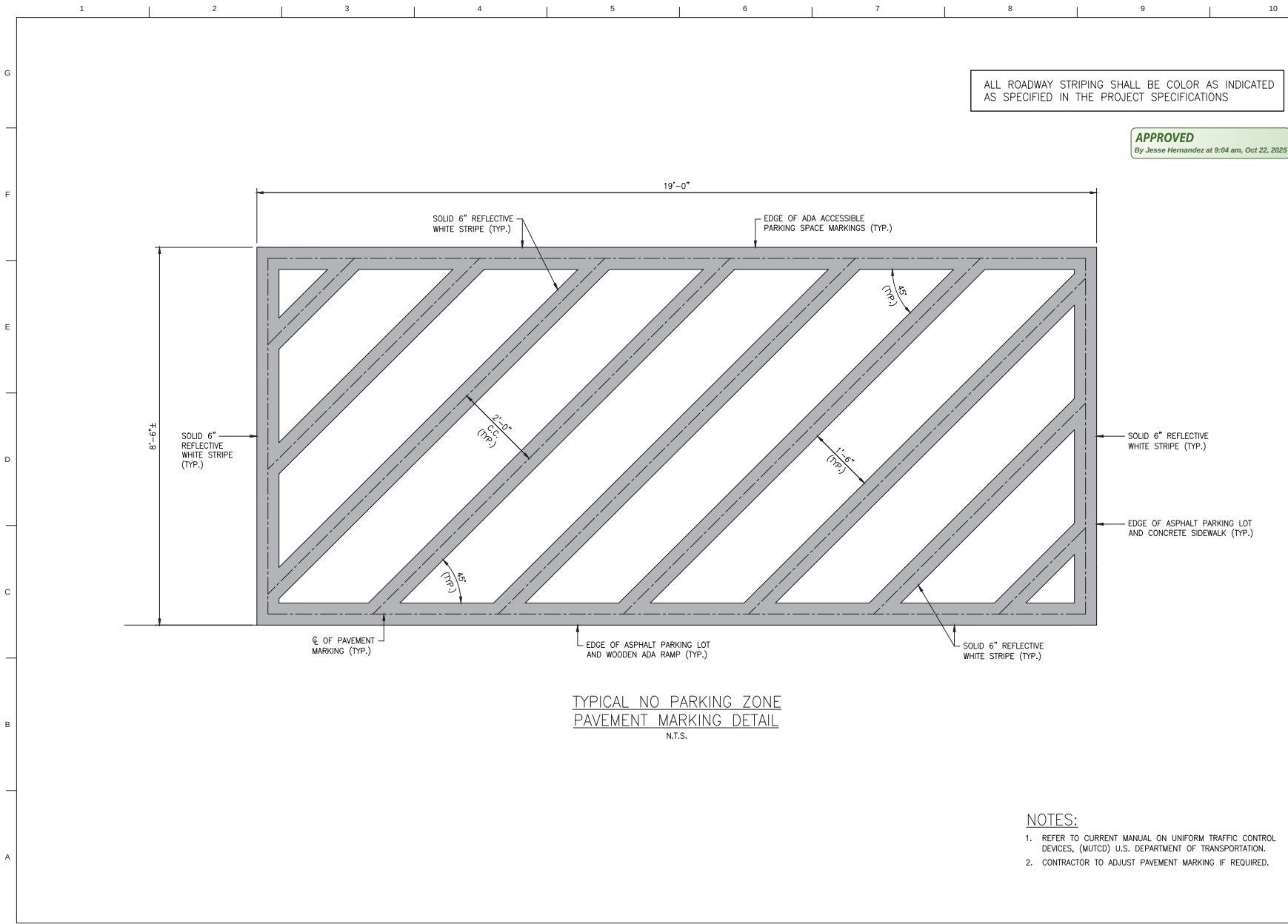
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PROJECT NO. 12105.02
DESIGNED BY: RAS
DRAWN BY: JJ
CHECKED BY: RAS
PROJECT MANAGER: JCP
DATE: AUGUST 2025

STRIPING AND SIGNAGE PLAN

C-700



- NOTES:
1. REFER TO CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD) U.S. DEPARTMENT OF TRANSPORTATION.
 2. CONTRACTOR TO ADJUST PAVEMENT MARKING IF REQUIRED.

BASKERVILLE DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
14101 PANAMA CITY BEACH PARKWAY, SUITE 110
PANAMA CITY, FLORIDA 32409
PH: 904-276-1100 FAX: 904-276-1101
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SHORE AT CRYSTAL BEACH EXPANSION

REVISION ACTION TAKEN		APPR.	DATE	NO.	THESE DRAWINGS ARE THE PROPERTY OF BASKERVILLE DONOVAN, INC. and are not to be reproduced in any form without the written consent of Baskerville Donovan, Inc.
1	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS	JCP	08/2025	1	NOT RELEASED FOR CONSTRUCTION

PROJECT NO.	12105.02
DESIGNED BY: RAS	
DRAWN BY: JJ	
CHECKED BY: RLW	
PROJECT MGR: JCP	
DATE: AUGUST 2025	

MISCELLANEOUS STRIPING AND SIGNAGE DETAILS

C-701

1 2 3 4 5

STEP 1: Calculate the area and centroid for an individual sign or sign cluster. Note that the centroid and areas have been calculated. For frequently used sign clusters. These are shown on Sheets 7, 8, and 9.

Centroid

Sign	Area (sq. ft.)	Centroid (ft.)	X _c (ft.)	Y _c (ft.)	X _c × Y _c (sq. ft.)
1	21 × 19	7.5	-10.5	1.5	-15.75
2	21 × 19	7.5	-10.5	1.5	-15.75
3	21 × 19	7.5	-10.5	1.5	-15.75
4	24 × 24	12	-12	1.5	-18
5	24 × 24	12	-12	1.5	-18
6	24 × 24	12	-12	1.5	-18
7	24 × 24	12	-12	1.5	-18
8	24 × 24	12	-12	1.5	-18
9	24 × 24	12	-12	1.5	-18
10	24 × 24	12	-12	1.5	-18
11	24 × 24	12	-12	1.5	-18
12	24 × 24	12	-12	1.5	-18
13	24 × 24	12	-12	1.5	-18
14	24 × 24	12	-12	1.5	-18
15	24 × 24	12	-12	1.5	-18
16	24 × 24	12	-12	1.5	-18
17	24 × 24	12	-12	1.5	-18
18	24 × 24	12	-12	1.5	-18
19	24 × 24	12	-12	1.5	-18
20	24 × 24	12	-12	1.5	-18
21	24 × 24	12	-12	1.5	-18
22	24 × 24	12	-12	1.5	-18
23	24 × 24	12	-12	1.5	-18
24	24 × 24	12	-12	1.5	-18
25	24 × 24	12	-12	1.5	-18
26	24 × 24	12	-12	1.5	-18
27	24 × 24	12	-12	1.5	-18
28	24 × 24	12	-12	1.5	-18
29	24 × 24	12	-12	1.5	-18
30	24 × 24	12	-12	1.5	-18
31	24 × 24	12	-12	1.5	-18
32	24 × 24	12	-12	1.5	-18
33	24 × 24	12	-12	1.5	-18
34	24 × 24	12	-12	1.5	-18
35	24 × 24	12	-12	1.5	-18
36	24 × 24	12	-12	1.5	-18
37	24 × 24	12	-12	1.5	-18
38	24 × 24	12	-12	1.5	-18
39	24 × 24	12	-12	1.5	-18
40	24 × 24	12	-12	1.5	-18
41	24 × 24	12	-12	1.5	-18
42	24 × 24	12	-12	1.5	-18
43	24 × 24	12	-12	1.5	-18
44	24 × 24	12	-12	1.5	-18
45	24 × 24	12	-12	1.5	-18
46	24 × 24	12	-12	1.5	-18
47	24 × 24	12	-12	1.5	-18
48	24 × 24	12	-12	1.5	-18
49	24 × 24	12	-12	1.5	-18
50	24 × 24	12	-12	1.5	-18
51	24 × 24	12	-12	1.5	-18
52	24 × 24	12	-12	1.5	-18
53	24 × 24	12	-12	1.5	-18
54	24 × 24	12	-12	1.5	-18
55	24 × 24	12	-12	1.5	-18
56	24 × 24	12	-12	1.5	-18
57	24 × 24	12	-12	1.5	-18
58	24 × 24	12	-12	1.5	-18
59	24 × 24	12	-12	1.5	-18
60	24 × 24	12	-12	1.5	-18
61	24 × 24	12	-12	1.5	-18
62	24 × 24	12	-12	1.5	-18
63	24 × 24	12	-12	1.5	-18
64	24 × 24	12	-12	1.5	-18
65	24 × 24	12	-12	1.5	-18
66	24 × 24	12	-12	1.5	-18
67	24 × 24	12	-12	1.5	-18
68	24 × 24	12	-12	1.5	-18
69	24 × 24	12	-12	1.5	-18
70	24 × 24	12	-12	1.5	-18
71	24 × 24	12	-12	1.5	-18
72	24 × 24	12	-12	1.5	-18
73	24 × 24	12	-12	1.5	-18
74	24 × 24	12	-12	1.5	-18
75	24 × 24	12	-12	1.5	-18
76	24 × 24	12	-12	1.5	-18
77	24 × 24	12	-12	1.5	-18
78	24 × 24	12	-12	1.5	-18
79	24 × 24	12	-12	1.5	-18
80	24 × 24	12	-12	1.5	-18
81	24 × 24	12	-12	1.5	-18
82	24 × 24	12	-12	1.5	-18
83	24 × 24	12	-12	1.5	-18
84	24 × 24	12	-12	1.5	-18
85	24 × 24	12	-12	1.5	-18
86	24 × 24	12	-12	1.5	-18
87	24 × 24	12	-12	1.5	-18
88	24 × 24	12	-12	1.5	-18
89	24 × 24	12	-12	1.5	-18
90	24 × 24	12	-12	1.5	-18
91	24 × 24	12	-12	1.5	-18
92	24 × 24	12	-12	1.5	-18
93	24 × 24	12	-12	1.5	-18
94	24 × 24	12	-12	1.5	-18
95	24 × 24	12	-12	1.5	-18
96	24 × 24	12	-12	1.5	-18
97	24 × 24	12	-12	1.5	-18
98	24 × 24	12	-12	1.5	-18
99	24 × 24	12	-12	1.5	-18
100	24 × 24	12	-12	1.5	-18

STEP 2: Determine the height 'H' from groundline to the centroid of the individual sign or sign cluster.

Calculate: $H_c = H + Y_c$

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GUIDE TO USE THIS INDEX

GENERAL NOTES AND DESIGN EXAMPLE

LAST REVISION: 11/01/19 DESCRIPTION: Reintegrated Sheet

FDOT FY 2022-23 STANDARD PLANS

SINGLE COLUMN GROUND SIGNS

INDEX: 700-010 SHEET: 1 of 10

6 7 8 9 10

STEP 1: Calculate the area and centroid for an individual sign or sign cluster. Note that the centroid and areas have been calculated. For frequently used sign clusters. These are shown on Sheets 7, 8, and 9.

Centroid

Sign	Area (sq. ft.)	Centroid (ft.)	X _c (ft.)	Y _c (ft.)	X _c × Y _c (sq. ft.)
1	21 × 19	7.5	-10.5	1.5	-15.75
2	21 × 19	7.5	-10.5	1.5	-15.75
3	21 × 19	7.5	-10.5	1.5	-15.75
4	24 × 24	12	-12	1.5	-18
5	24 × 24	12	-12	1.5	-18
6	24 × 24	12	-12	1.5	-18
7	24 × 24	12	-12	1.5	-18
8	24 × 24	12	-12	1.5	-18
9	24 × 24	12	-12	1.5	-18
10	24 × 24	12	-12	1.5	-18
11	24 × 24	12	-12	1.5	-18
12	24 × 24	12	-12	1.5	-18
13	24 × 24	12	-12	1.5	-18
14	24 × 24	12	-12	1.5	-18
15	24 × 24	12	-12	1.5	-18
16	24 × 24	12	-12	1.5	-18
17	24 × 24	12	-12	1.5	-18
18	24 × 24	12	-12	1.5	-18
19	24 × 24	12	-12	1.5	-18
20	24 × 24	12	-12	1.5	-18
21	24 × 24	12	-12	1.5	-18
22	24 × 24	12	-12	1.5	-18
23	24 × 24	12	-12	1.5	-18
24	24 × 24	12	-12	1.5	-18
25	24 × 24	12	-12	1.5	-18
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28	24 × 24	12	-12	1.5	-18
29	24 × 24	12	-12	1.5	-18
30	24 × 24	12	-12	1.5	-18
31	24 × 24	12	-12	1.5	-18
32	24 × 24	12	-12	1.5	-18
33	24 × 24	12	-12	1.5	-18
34	24 × 24	12	-12	1.5	-18
35	24 × 24	12	-12	1.5	-18
36	24 × 24	12	-12	1.5	-18
37	24 × 24	12	-12	1.5	-18
38	24 × 24	12	-12	1.5	-18
39	24 × 24	12	-12	1.5	-18
40	24 × 24	12	-12	1.5	-18
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42	24 × 24	12	-12	1.5	-18
43	24 × 24	12	-12	1.5	-18
44	24 × 24	12	-12	1.5	-18
45	24 × 24	12	-12	1.5	-18
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47	24 × 24	12	-12	1.5	-18
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65	24 × 24	12	-12	1.5	-18
66	24 × 24	12	-12	1.5	-18
67	24 × 24	12	-12	1.5	-18
68	24 × 24	12	-12	1.5	-18
69	24 × 24	12	-12	1.5	-18
70	24 × 24	12	-12	1.5	-18
71	24 × 24	12	-12	1.5	-18
72	24 × 24	12	-12	1.5	-18
73	24 × 24	12	-12	1.5	-18
74	24 × 24	12	-12	1.5	-18
75	24 × 24	12	-12	1.5	-18
76	24 × 24	12	-12	1.5	-18
77	24 × 24	12	-12	1.5	-18
78	24 × 24	12	-12	1.5	-18
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88	24 × 24	12	-12	1.5	-18
89	24 × 24	12	-12	1.5	-18
90	24 × 24	12	-12	1.5	-18
91	24 × 24	12	-12	1.5	-18
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LAST REVISION: 11/01/19 DESCRIPTION: Reintegrated Sheet

FDOT FY 2022-23 STANDARD PLANS

SINGLE COLUMN GROUND SIGNS

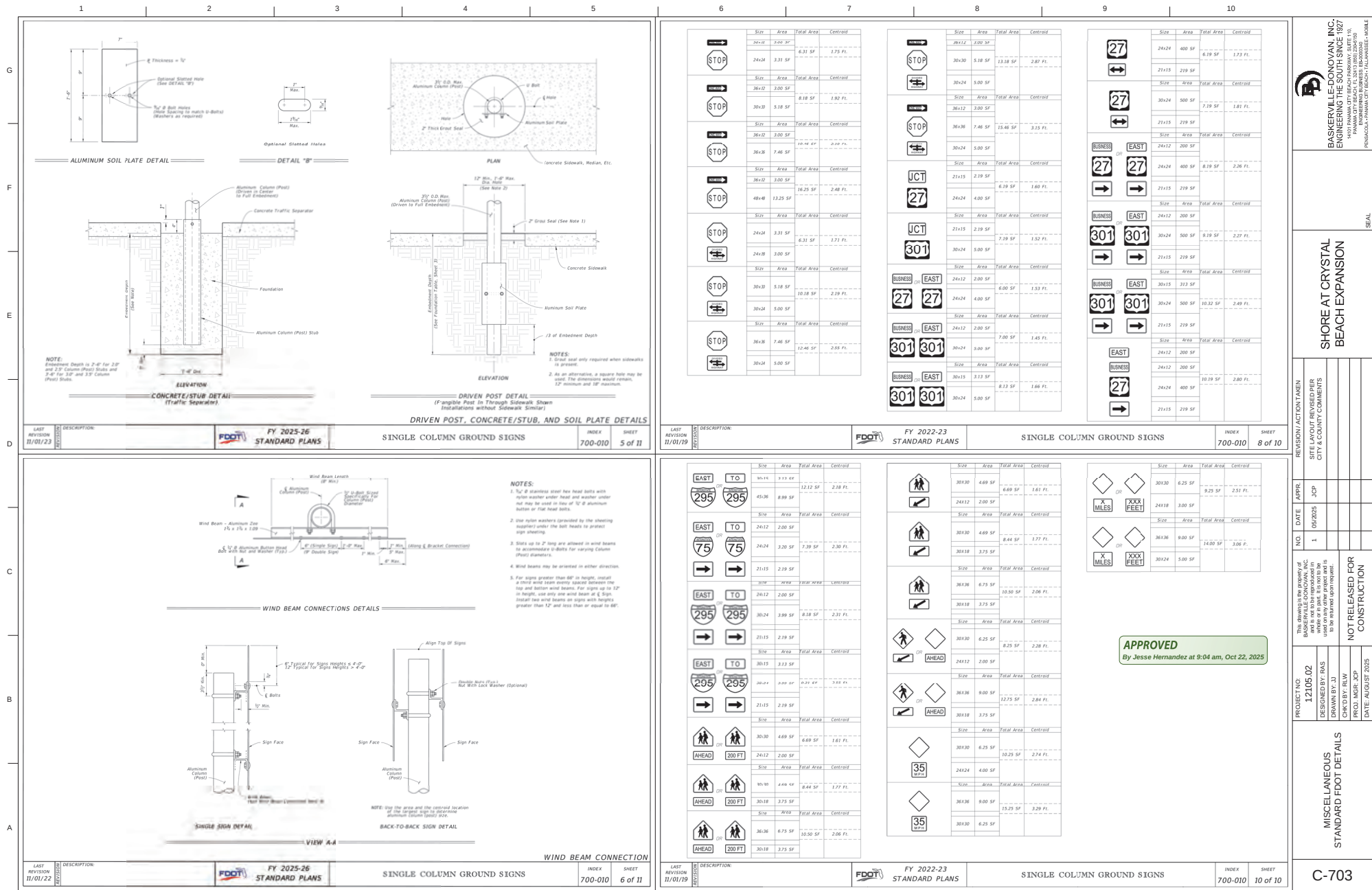
INDEX: 700-010 SHEET: 1 of 10

1 2 3 4 5

STEP 1: Calculate the area and centroid for an individual sign or sign cluster. Note that the centroid and areas have been calculated. For frequently used sign clusters. These are shown on Sheets 7, 8, and 9.

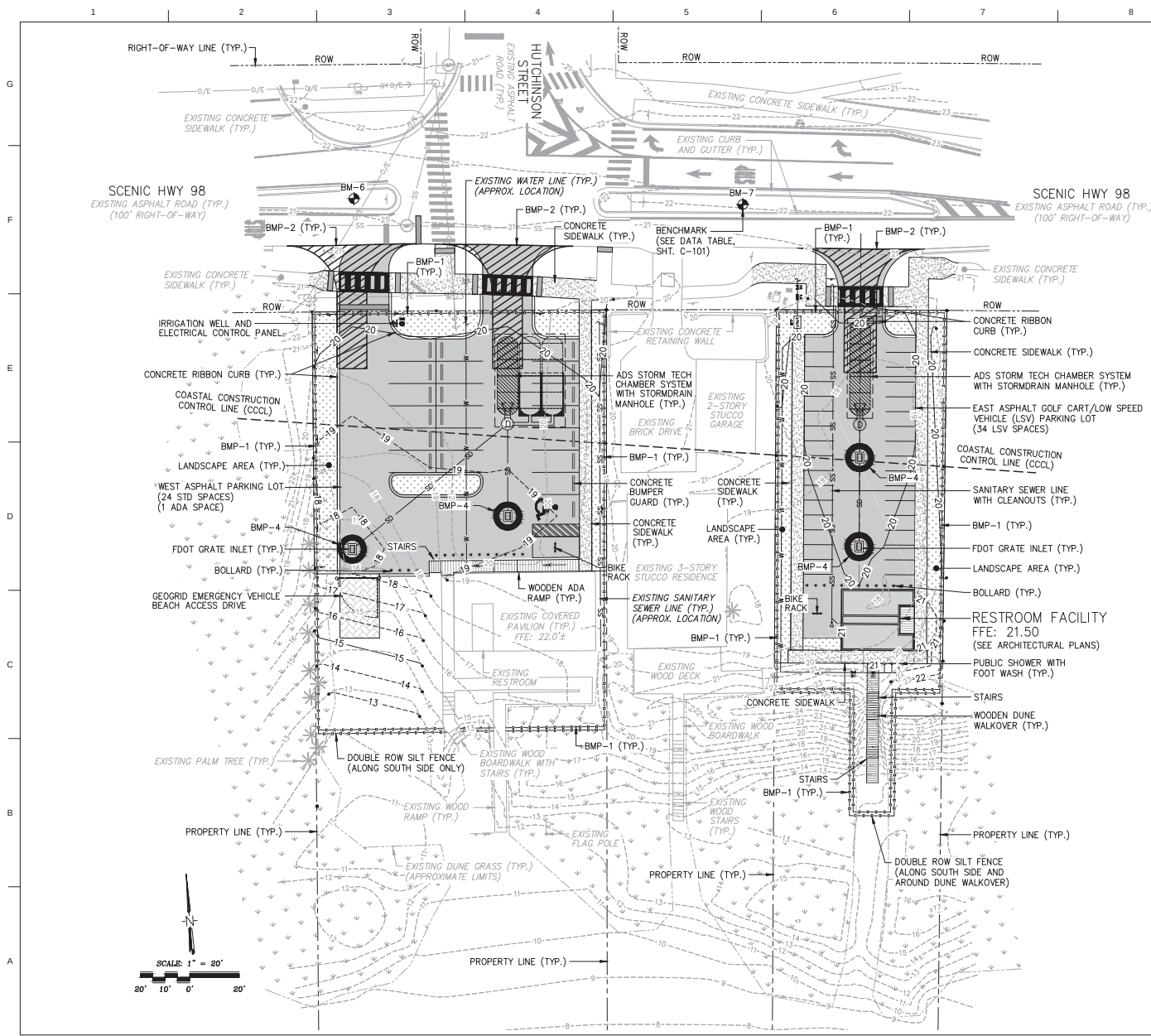
Centroid

Sign	Area (sq. ft.)	Centroid (ft.)	X _c (ft.)	Y _c (ft.)	X _c × Y _c (sq. ft.)
1	21 × 19	7.5	-10.5	1.5	-15.75
2	21 × 19	7.5	-10.5	1.5	-15.75
3	21 × 19	7.5	-10.5	1.5	-15.75
4	24 × 24	12	-12	1.5	-18
5	24 × 24	12	-12	1.5	-18
6	24 × 24	12	-12	1.5	-18
7	24 × 24	12	-12	1.5	-18
8	24 × 24	12	-12	1.5	-18
9	24 × 24	12	-12	1.5	-18
10	24 × 24	12	-12	1.5	-18
11	24 × 24	12	-12	1.5	-18
12	24 × 24	12	-12	1.5	-18
13	24 × 24	12	-12	1.5	-18
14	24 × 24	12	-12	1.5	-18
15	24 × 24	12	-12	1.5	-18
16	24 × 24	12	-12	1.5	-18
17	24 × 24	12	-12	1.5	-18
18	24 × 24	12	-12	1.5	-18
19	24 × 24	12	-12	1.5	-18
20	24 × 24	12	-12	1.5	-18
21	24 × 24	12	-1		



L:\121 Okaloosa County\12105.02 Shore at Crystal Beach Park Amendment\DWG\12105.02--FDOT Striping and Signage Details.dwg, Aug 11, 2025 - 1:54:28PM, slucia

100% SUBMITTAL



APPROVED
By Jesse Hernandez at 9:05 am, Oct 22, 2025

GENERAL NOTES:

- SEE SHEET C-101 FOR SURVEY BENCHMARKS, SURVEY SYMBOL LEGEND AND ABBREVIATION LEGEND.
- SEE SHEETS C-105 AND C-106 FOR GRADING AND STORM DRAINAGE PLANS.
- CONTRACTOR TO USE CAUTION WHEN DIGGING NEAR EXISTING UTILITIES AND MAY BE REQUIRED TO HAND DIG IN SOME AREAS. CONTRACTOR MAY BE REQUIRED TO TEMPORARILY SUPPORT EXISTING UTILITIES WHILE INSTALLING STORM DRAINAGE PIPES.
- SEE SHEET C-107 FOR STORM DRAINAGE STRUCTURE AND PIPE DATA TABLES.

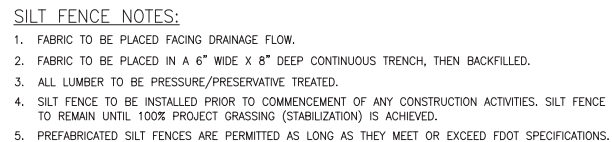
EROSION CONTROL NOTES:

- SEE SHEET C-001 FOR ADDITIONAL EROSION CONTROL NOTES.
- SEE SHEETS C-801 THRU C-802 FOR BEST MANAGEMENT PRACTICES DETAILS.
- EROSION CONTROL SYMBOLS ARE SHOWN EXAGGERATED FOR CLARITY.
- INSTALL TEMPORARY GRAVEL CONSTRUCTION ENTRANCE (BMP-2) MEASURES AS NECESSARY TO PREVENT TRACKING ONTO ROADWAY.
- THE EROSION AND SEDIMENT CONTROL PLAN SHOWN HEREIN ARE MINIMUM GUIDELINES. THE SEDIMENT AND EROSION CONTROL PLAN SHALL BE UPDATED AS NECESSARY TO COMPLY WITH BEST MANAGEMENT PRACTICES AND LOCAL, STATE AND FEDERAL RULES AND REGULATIONS AS CONSTRUCTION PROGRESSES AND IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL CONSTRUCTION ZONES ADJACENT TO WETLANDS SHALL HAVE A MINIMUM DOUBLE ROW OF SILT FENCE BARRIER OR STAKED AND STAGGERED GEOTEXTILE WADDLES AT WETLAND/CLEARING LIMITS.
- CONTRACTOR IS FULLY RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR SEDIMENT AND EROSION CONTROL INCLUDING BUT NOT LIMITED TO NPDES PERMIT FOR DISCHARGES FROM LARGE AND SMALL CONSTRUCTION SITES.
- CONTRACTOR SHALL DISPOSE OF ALL DEBRIS OFF-SITE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.
- ALL SIDE SLOPES AND DISTURBED AREAS SHALL BE STABILIZED WITH SOD AND IN ACCORDANCE WITH LANDSCAPING PLANS.

EROSION CONTROL LEGEND

SILT FENCE (BMP-1)	—□—□—□—□—□—□—
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE (BMP-2)	
STRAW BALE BARRIER (BMP-3)	—•—•—•—•—•—•—
GEOTEXTILE WADDLES (BMP-4)	○ OR —

		BASKERVILLE DONOVAN, INC. ENGINEERING THE SOUTH SINCE 1927 14101 PANAMA CITY BEACH PARKWAY, SUITE 110 PANAMA CITY BEACH, FLORIDA 32413 PH: 904.271.1800 • FAX: 904.271.1801
		SHEET
SHORE AT CRYSTAL BEACH EXPANSION		REVISION ACTION TAKEN
PROJECT NO. 12105.02		SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS
		APPROVED DATE 08/20/25
DESIGNED BY: JAS DRAWN BY: JJ CHECKED BY: RLW PROJECT MGR: JCP DATE: AUGUST 2025		NOT RELEASED FOR CONSTRUCTION
EROSION CONTROL PLAN		C-800



BMP 1

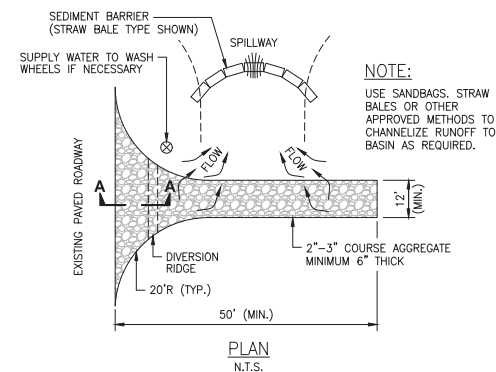


COMPLETED INLET
NTS

DITCH BOTTOM INLET
NTS

ANCHOR BALES WITH 2 - 2"x2"x4' STAKES PER BALE

BMP 3



NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

BMP 2

1997

SHORE AT CRYSTAL
BEACH EXPANSION

PROJECT NO.	12105 02	This drawing is the property of the City of Los Angeles and is not to be reproduced in whole or in part. It is to be used only for the project for which it was prepared. It is to be returned upon request.	NO.	DATE	APPR.	REVISION / ACTION TAKEN
DESIGNED BY	RAS		1	05/20/05	JCP	SITE LAYOUT REVISION PER CITY & COUNTY COMMENTS
DRAWN BY	JU					
CHECKED BY	RLW					
PROJ. MGR.	JCP	NOT RELEASED FOR CONSTRUCTION				
DATE	8/10/05					

BEST MANAGEMENT PRACTICES DETAILS

C-801



SHORE AT CRYSTAL
BEACH EXPANSION

PROJECT NO.	12105.02	This drawing is the property of BURNS & MCDONNELL, INC. and is not to be reproduced in whole or in part. It is not to be used for any other project without the written consent of Burns & McDonnell. It is to be returned upon request.	NO.	DATE	APPRO.	REVISION / ACTION TAKEN
DESIGNED BY: RAS			1	09/05/2024	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS
DRAWN BY: JU						
CHECKED BY: RAW						
PROJ. MGR: JCP		NOT RELEASED FOR CONSTRUCTION				
DATE: AUG 01ST 2024						

BEST MANAGEMENT PRACTICES DETAILS

C-802



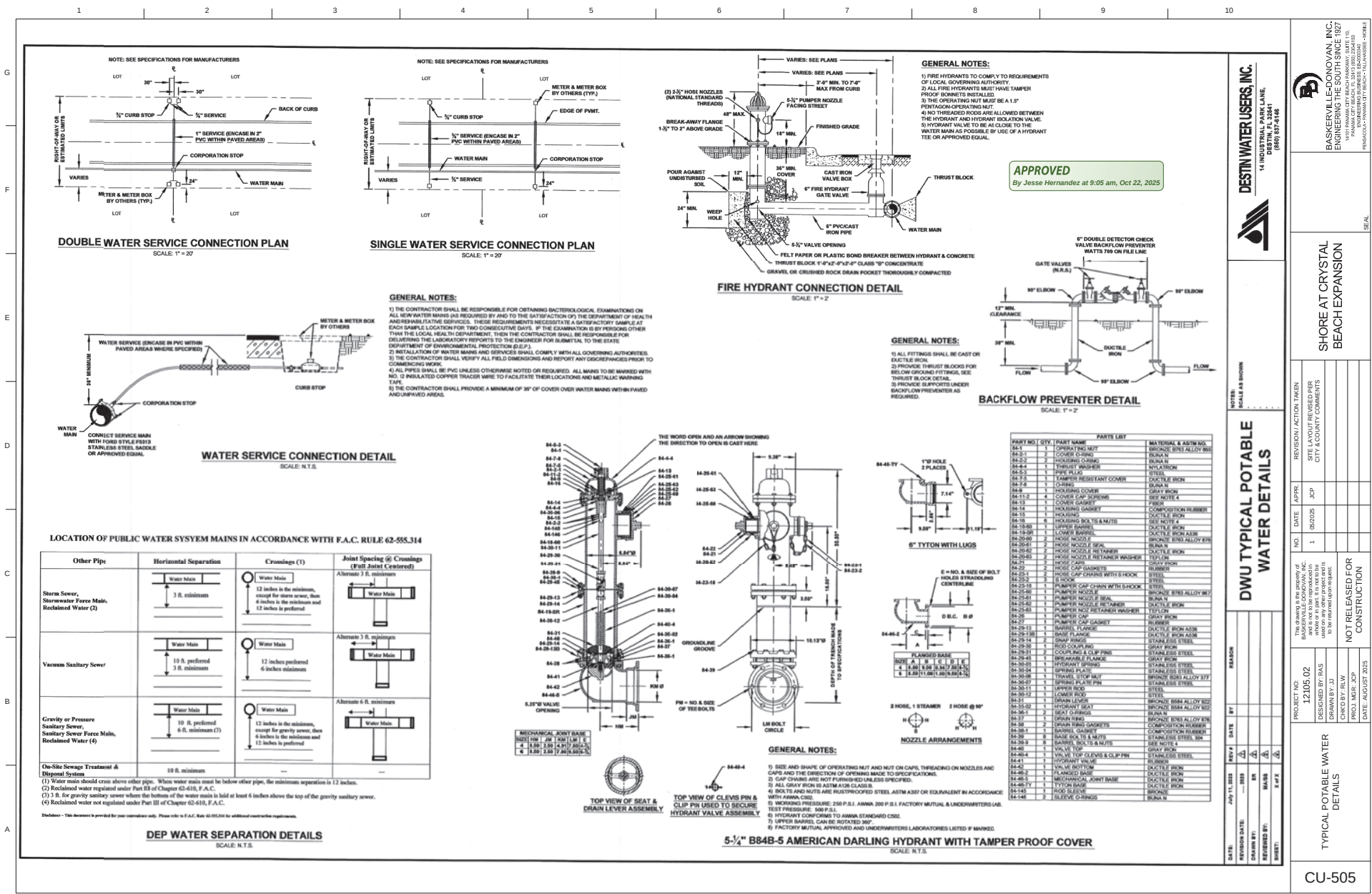
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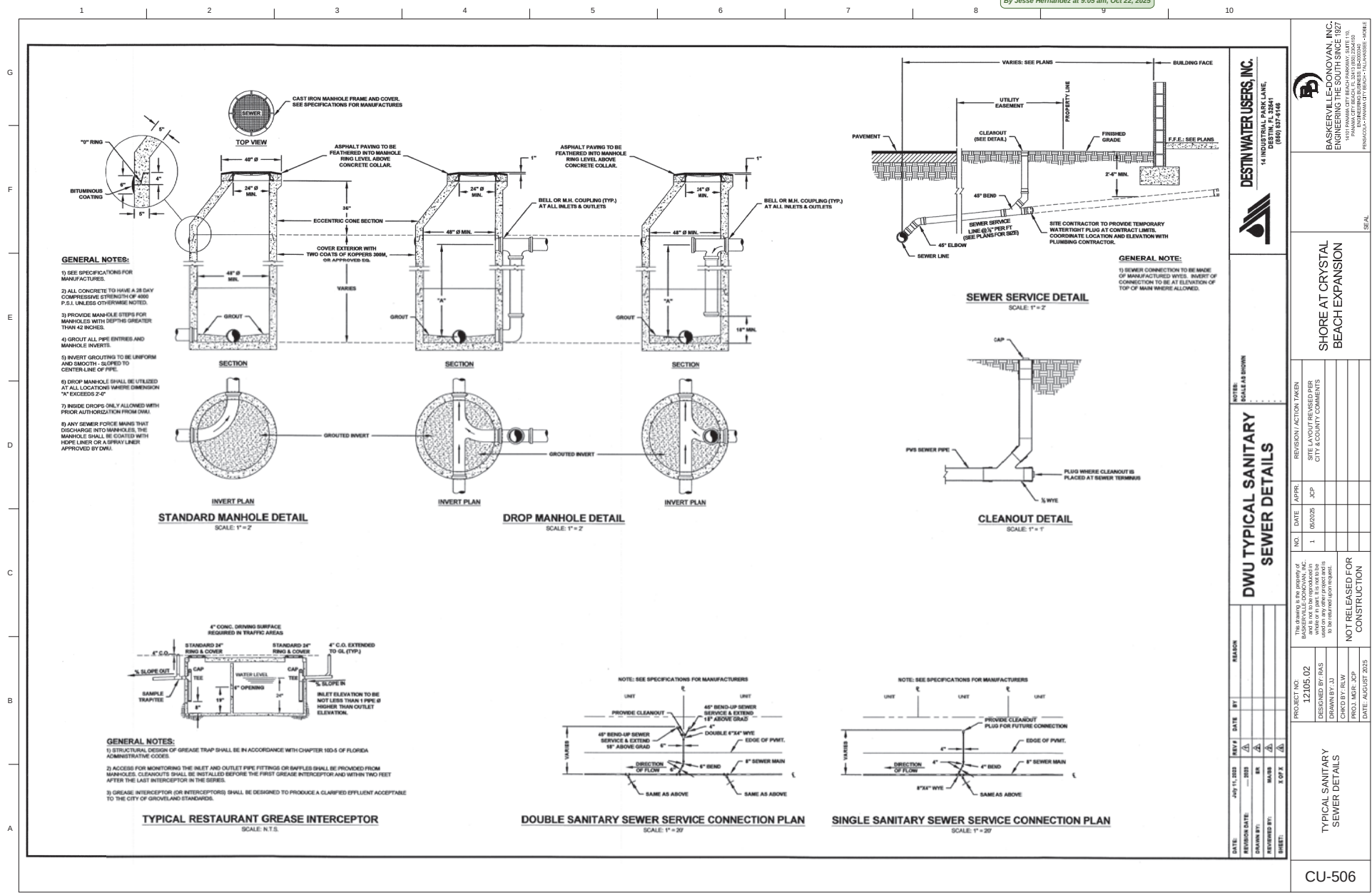
1. THE BASIS OF DESIGN IS THE SHOWER TOWER-OUTDOOR SHOWER.
2. ONE PIECE CONSTRUCTION WITH HIGH-GRADE POLYMER - NON POROUS PLASTIC.
3. SPRAY HEADS AT 1.5 GPM AT 60 PSI.
4. PROVIDE WITH LEAD FREE WATER SUPPLY.
5. SURFACE MOUNT INSTALLATION. PROVIDE WITH SURFACE MOUNT CARRIER, WANDAL RESISTANT S.S. BOLTS AND WAGNER TO ANCHOR, SHUT OFF WATER AND DRAIN DOWN.
6. ONE YEAR WARRANTY.
7. CONTROL VALVES EQUAL TO SYMMONS INDUSTRIES "SHOWER-OFF" VALVES WITH BRASS AND CHROME PLATED BRASS COMPONENTS WITH PUSH BUTTON OPERATION.
8. SHOWER AND FOOT WASH NOZZLES EQUAL TO BRADLEY CO. SEVERE SERVICE, HEAVY DUTY FIXTURES.
9. SHOWER NOZZLES SET AT APPROX. 73° AND FOOT WASH NOZZLES APPROX. 26°. REFER TO DRAWINGS FOR TOWER CONFIGURATION.

SHORE AT CRYSTAL BEACH EXPANSION

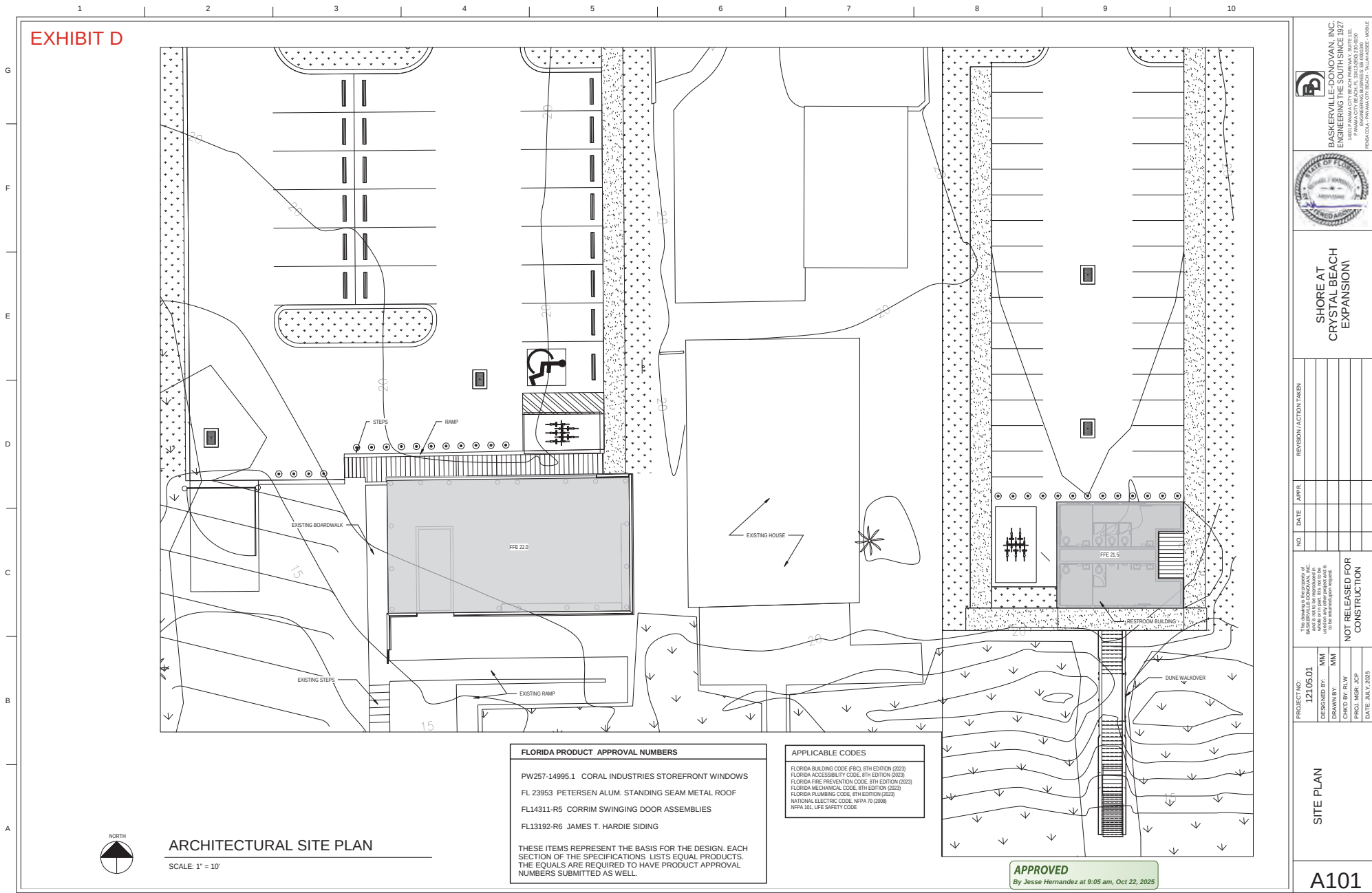
PROJECT NO.	12105.02	NO.	1	DATE	05/02/05	APPR.	JCP	REVISION / ACTION TAKEN	
This drawing is the property of the City of Los Angeles and is not to be reproduced or used in whole or in part without the express written consent of the City of Los Angeles. It is to be returned upon request.									
DESIGNED BY RAS									
DRAWN BY JJ									
CHECKED BY RLW									
PROJ. MGR. JCP									
DATE: AUGUST 2025									
NOT RELEASED FOR CONSTRUCTION									

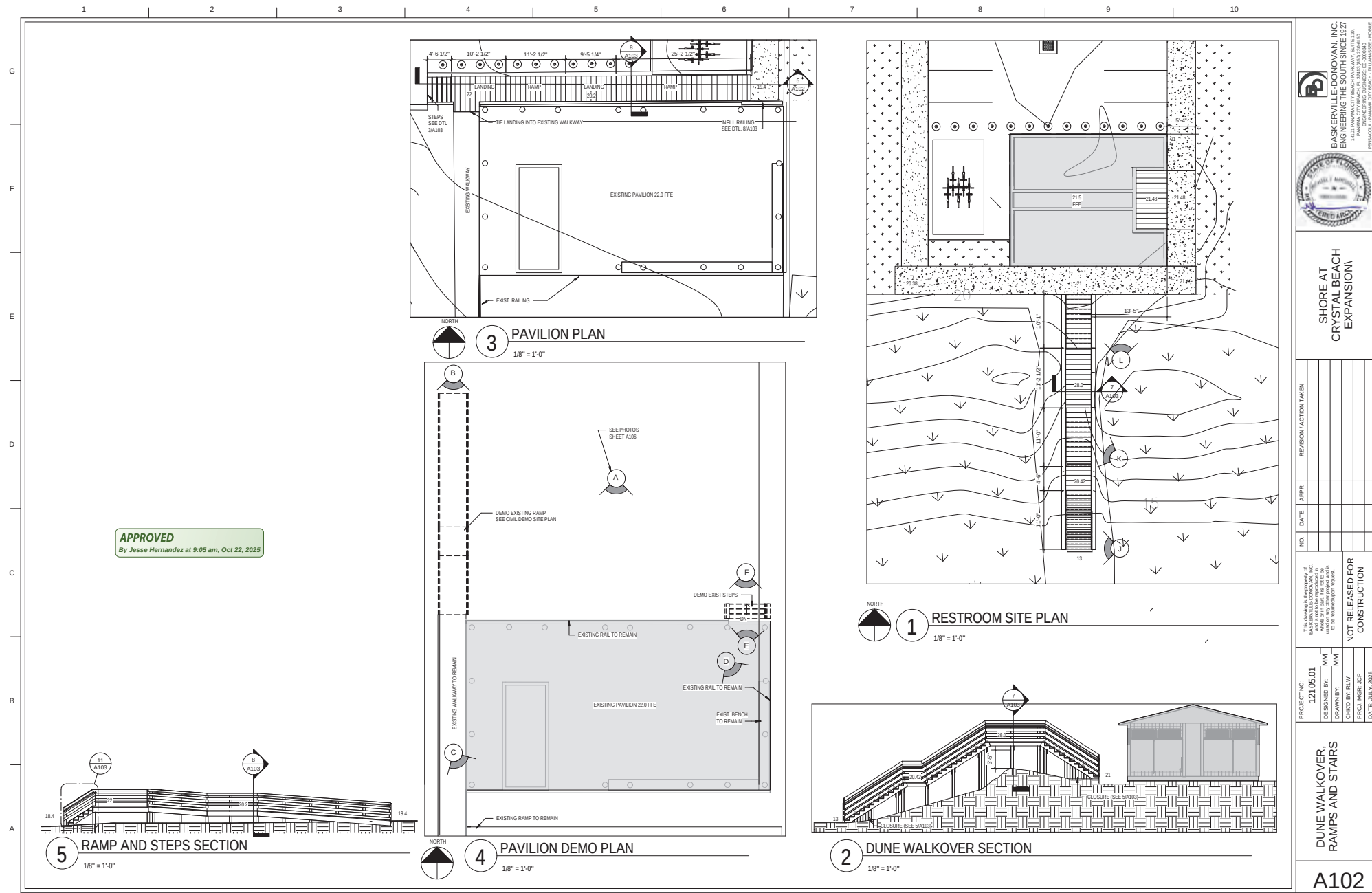
MISCELLANEOUS WATER DETAILS	CU-501
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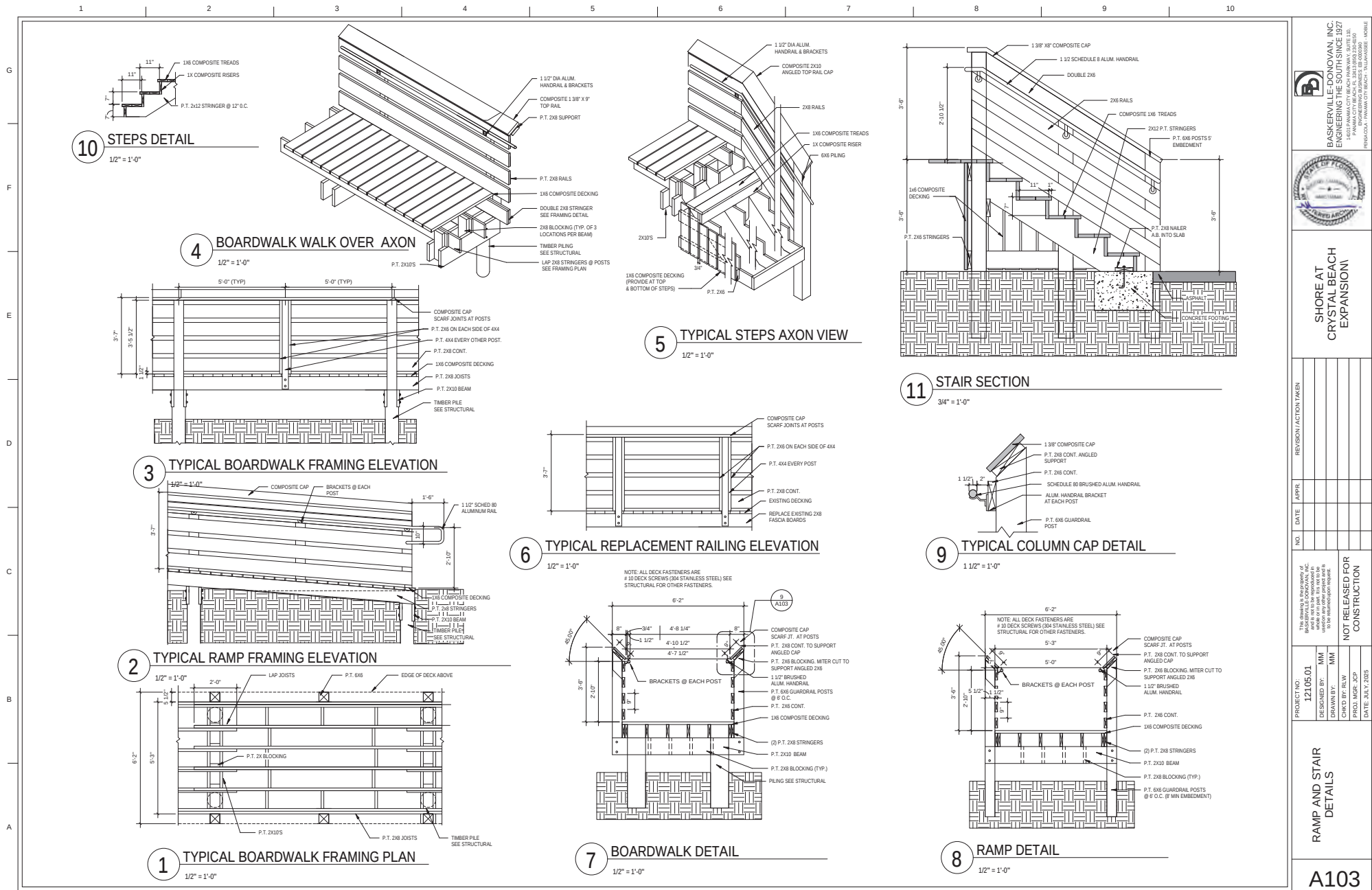


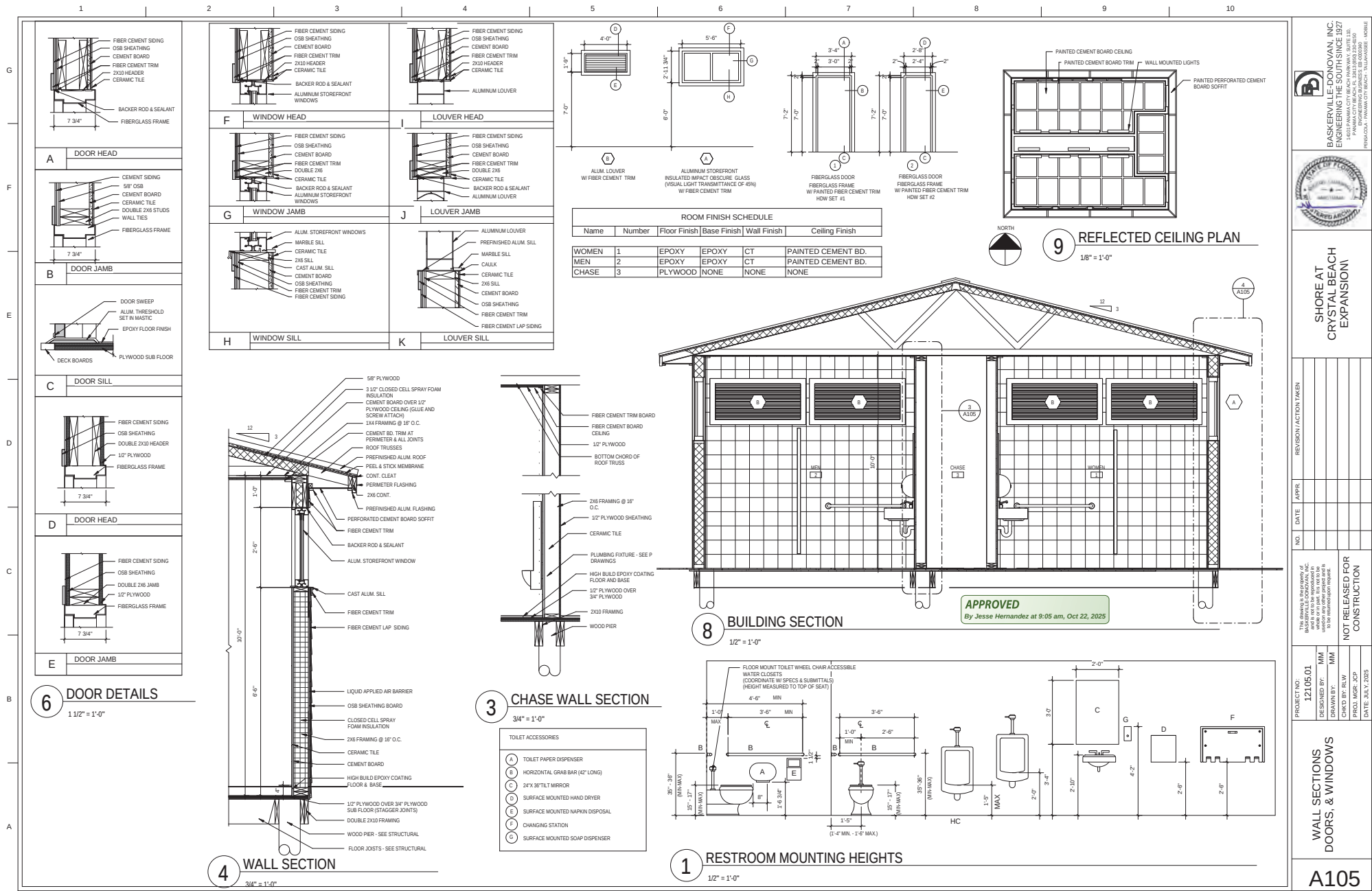


TYPICAL DETAILS	PROJECT NO.	12005-02	DRAWN BY: JJ	CHECKED BY: RLW	PROJ. MGR.: JCP	DATE: AUGUST 2025	SHORE AT CRYSTAL BEACH EXPANSION		BASKERVILLE LEACH & ASSOCIATES, INC. ENGINEERING THE SOUTH SINCE 1827 1010 PANAMA CITY BEACH HIGHWAY - SUITE 103 PANAMA CITY BEACH, FL 32413 (904) 234-0470 FREDERICK A. PANAMA CITY BEACH • TALLAHASSEE • MOBILE
	DESIGNED BY: RAS								
	NO.	DATE	APPROV.	REVISION / ACTION TAKEN					
	1	05/20/25	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS					









BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
1000 N. W. 10TH AVE., SUITE 1000, MIAMI, FL 33136
TEL: 305.575.1100 FAX: 305.575.1101
WWW.BASKERVILLE-DOV.COM

SHORE AT CRYSTAL BEACH EXPANSION

PROJECT NO. 12105-01
DESIGNED BY: MM
DRAWN BY: MM
CHECKED BY: RLW
PROJ. MGR.: JCP
DATE: JULY 2025

NOT RELEASED FOR CONSTRUCTION

WALL SECTIONS DOORS, & WINDOWS

A105

EXHIBIT E



1 EXISTING CONDITIONS PLAN
Scale: 1" = 30'

landscape architecture
land planning
placemaking
was
DESIGN
landscape architects
Foley, Alabama
P. 251.948.7181
Mobile, Alabama
P. 251.344.4023
Jackson, Mississippi
P. 601.790.0781
Panama City, Florida
P. 850.203.4252
www.was-design.com

NOT
FOR CONSTRUCTION
THESE PLANS HAVE NOT BEEN
APPROVED AND ARE SUBJECT
TO CHANGE.

A Landscape Development Plan for
**Shores at Crystal Beach
Park Expansion**
Destin, Florida

Revisions		
No.	Date	Revisions / Submissions
02.26.25		PRELIMINARY DESIGN - PD100
03.25.25		REVIEW SET-CD095
05.23.25		CD100
07.21.25		CD100 - REV 01

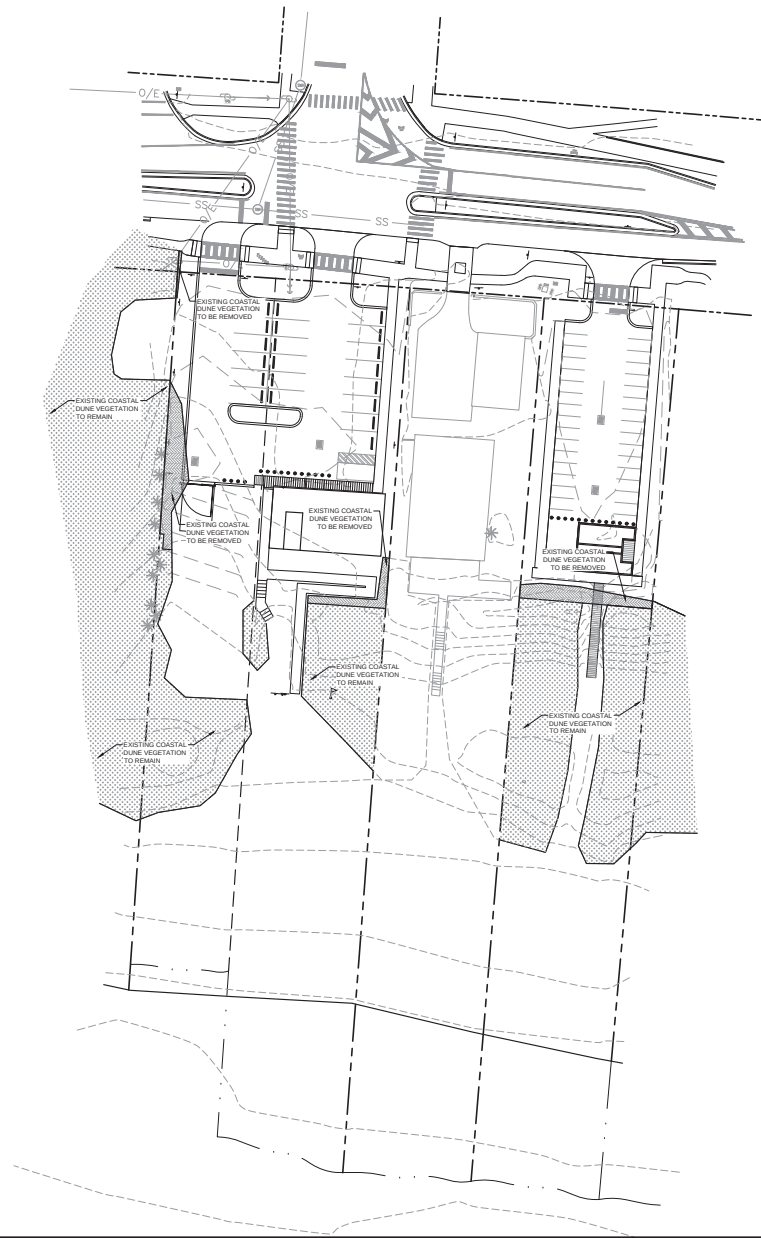
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CW	
Principal	
252066-004	
Project No.	
02.11.25	
Date	
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Sheet Title

EXISTING
CONDITIONS PLAN

Sheet No.
EC100



APPROVED
By Jesse Hernandez at 9:05 am, Oct 22, 2025

EXISTING VEGETATION

	EXISTING COASTAL DUNE VEGETATION TO REMAIN
	EXISTING COASTAL DUNE VEGETATION TO BE REMOVED

0 30' 60'

landscape architecture
land planning
placemaking

was
DESIGN
landscape architects

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Mobile, Alabama
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A Landscape Development Plan for
**Shores at Crystal Beach
Park Expansion**
Destin, Florida

Revisions		
No.	Date	Revisions / Submissions
02.26.25		PRELIMINARY DESIGN - PD100
03.25.25		REVIEW SET-CD095
05.23.25		CD100
07.21.25		CD100 - REV 01

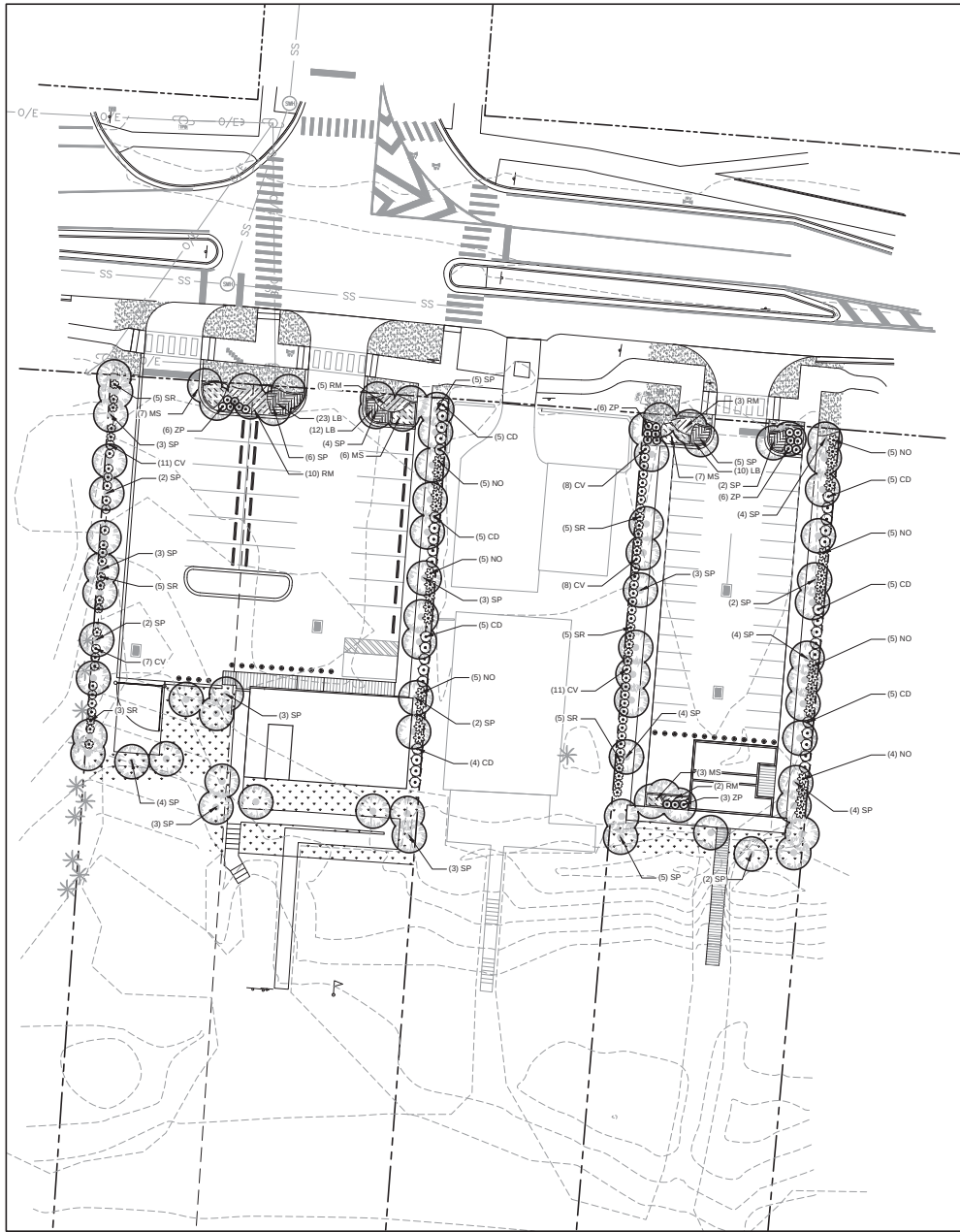
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Project No.	
02.11.25	
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Sheet Title

**EXISTING
VEGETATION PLAN**



1 LANDSCAPE PLANTING PLAN
Scale: 1" = 20'

PLANT SCHEDULE EAST

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	HT
PALM TREES						
	SP	35	SABAL PALMETTO / SABAL PALM CLEAR-TRUNK HEIGHT NOTED	FG	2.5" CAL	14-16' H
SHRUBS						
	CD	15	CALLISTEMON VIMINALIS 'LIGHT SHOW' / LIGHT SHOW RED BOTTLEBRUSH	3 GAL		48" o.c.
	CV	27	CALLISTEMON VIMINALIS 'LITTLE JOHN' / LITTLE JOHN WEeping BOTTLEBRUSH	3 GAL		36" o.c.
	NO	19	NERIUM OLEANDER / OLEANDER	3 GAL		48" o.c.
	SR	15	SERENOA REPENS / GREEN SAW PALMETTO	3 GAL		36" o.c.
	ZP	15	ZAMIA FLORIDANA / COONTIE	3 GAL		36" o.c.
SHRUB AREAS						
	LB	19	LOMANDRA LONGIFOLIA 'BREEZE' / BREEZE GRASS	3 GAL		24" o.c.
	MS	10	MISCANTHUS SINENSIS 'ADAGIO' / ADAGIO MAIDEN GRASS	3 GAL		36" o.c.
GROUND COVERS						
	RM	5	ROSA X 'MEIDRIFORA' / CORAL DRIFT ROSE	3 GAL		36" o.c.
	DM	198	SEA OATS & BEACH MORNING GLORY / DUNE MIX UNIOLOA PANICULATA/POMOEA IMPERATI RATE - 2 OATS PER 1 MORNING GLORY	2" PLUG		24" o.c.
SOD/SEED						
	SOD	619 SF	CYNODON DACTYLON 'TIFWAY 419' / TIFWAY 419 BERMUDA GRASS	SOD		

PLANT SCHEDULE WEST

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	HT
PALM TREES						
	SP	43	SABAL PALMETTO / SABAL PALM CLEAR-TRUNK HEIGHT NOTED	FG	2.5" CAL	14-16' H
SHRUBS						
	CD	19	CALLISTEMON VIMINALIS 'LIGHT SHOW' / LIGHT SHOW RED BOTTLEBRUSH	3 GAL		48" o.c.
	CV	18	CALLISTEMON VIMINALIS 'LITTLE JOHN' / LITTLE JOHN WEeping BOTTLEBRUSH	3 GAL		36" o.c.
	NO	15	NERIUM OLEANDER / OLEANDER	3 GAL		48" o.c.
	SR	13	SERENOA REPENS / GREEN SAW PALMETTO	3 GAL		36" o.c.
	ZP	6	ZAMIA FLORIDANA / COONTIE	3 GAL		36" o.c.
SHRUB AREAS						
	LB	35	LOMANDRA LONGIFOLIA 'BREEZE' / BREEZE GRASS	3 GAL		24" o.c.
	MS	13	MISCANTHUS SINENSIS 'ADAGIO' / ADAGIO MAIDEN GRASS	3 GAL		36" o.c.
GROUND COVERS						
	RM	15	ROSA X 'MEIDRIFORA' / CORAL DRIFT ROSE	3 GAL		36" o.c.
	DM	600	SEA OATS & BEACH MORNING GLORY / DUNE MIX UNIOLOA PANICULATA/POMOEA IMPERATI RATE - 2 OATS PER 1 MORNING GLORY	2" PLUG		24" o.c.
SOD/SEED						
	SOD	1,263 SF	CYNODON DACTYLON 'TIFWAY 419' / TIFWAY 419 BERMUDA GRASS	SOD		

APPROVED
By Jesse Hernandez at 9:05 am, Oct 22, 2025

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A Landscape Development Plan for
**Shores at Crystal Beach
Park Expansion**
Destin, Florida

Revisions		
No.	Date	Revisions / Submissions
02.26.25		PRELIMINARY DESIGN - PD100
03.25.25		REVIEW SET-CD095
05.23.25		CD100
07.21.25		CD100 - REV 01

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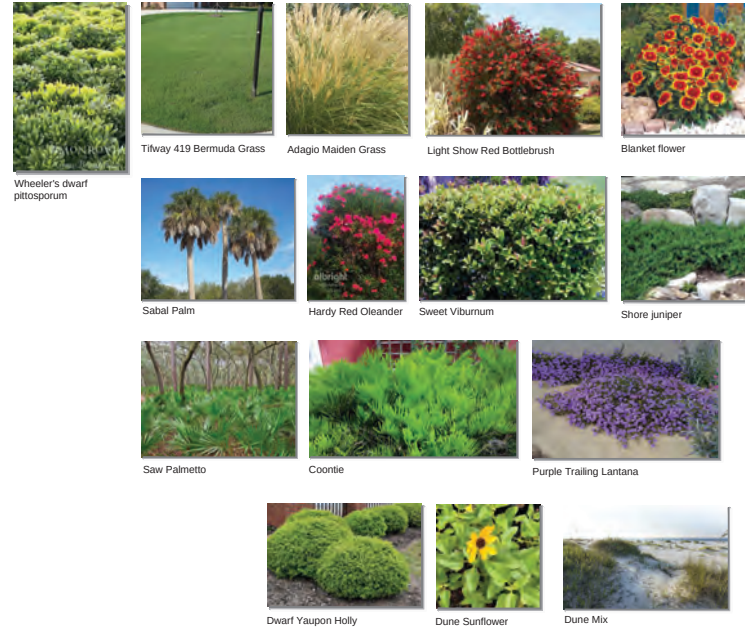
FA	Registration - FL 14665896
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Project Manager	
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Project No.	
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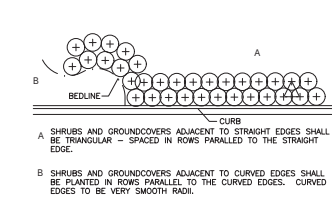
LANDSCAPE
PLANTING PLAN

Sheet No.

LP100

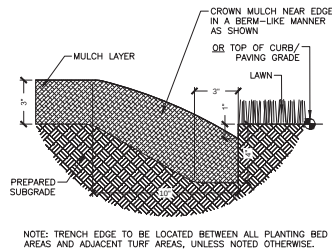


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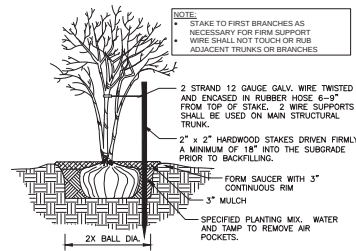
5 TYPICAL PLANT SPACING
NOT TO SCALE

329399-04



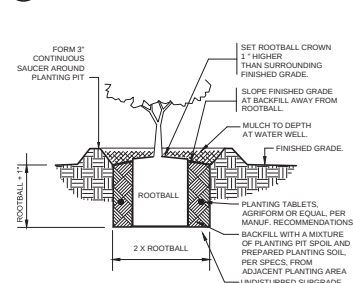
6 TRENCH EDGE
3" = 1'-0"

329413.23-02



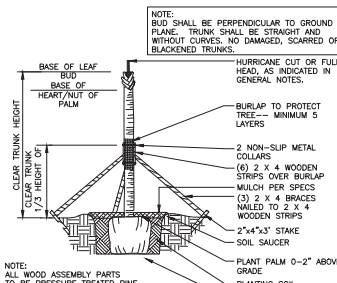
7 MULTI-TRUNK TREE STAKING
1/2" = 1'-0"

329343-01



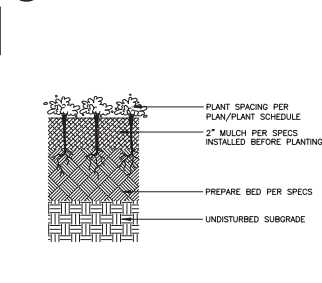
1 SHRUB PLANTING
1" = 1'-0"

329333.13-01



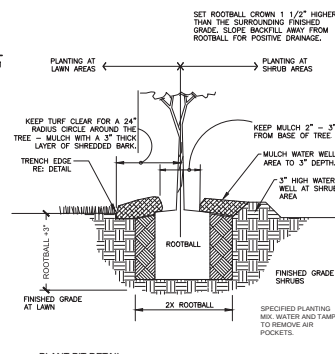
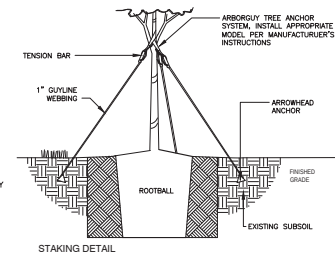
2 PALM TREE PLANTING
3/8" = 1'-0"

329343-02



3 GROUNDCOVER PLANTING
3" = 1'-0"

329313-01



4 TREE PLANTING - GUY STRAP
1" = 1'-0"

329343.26-02

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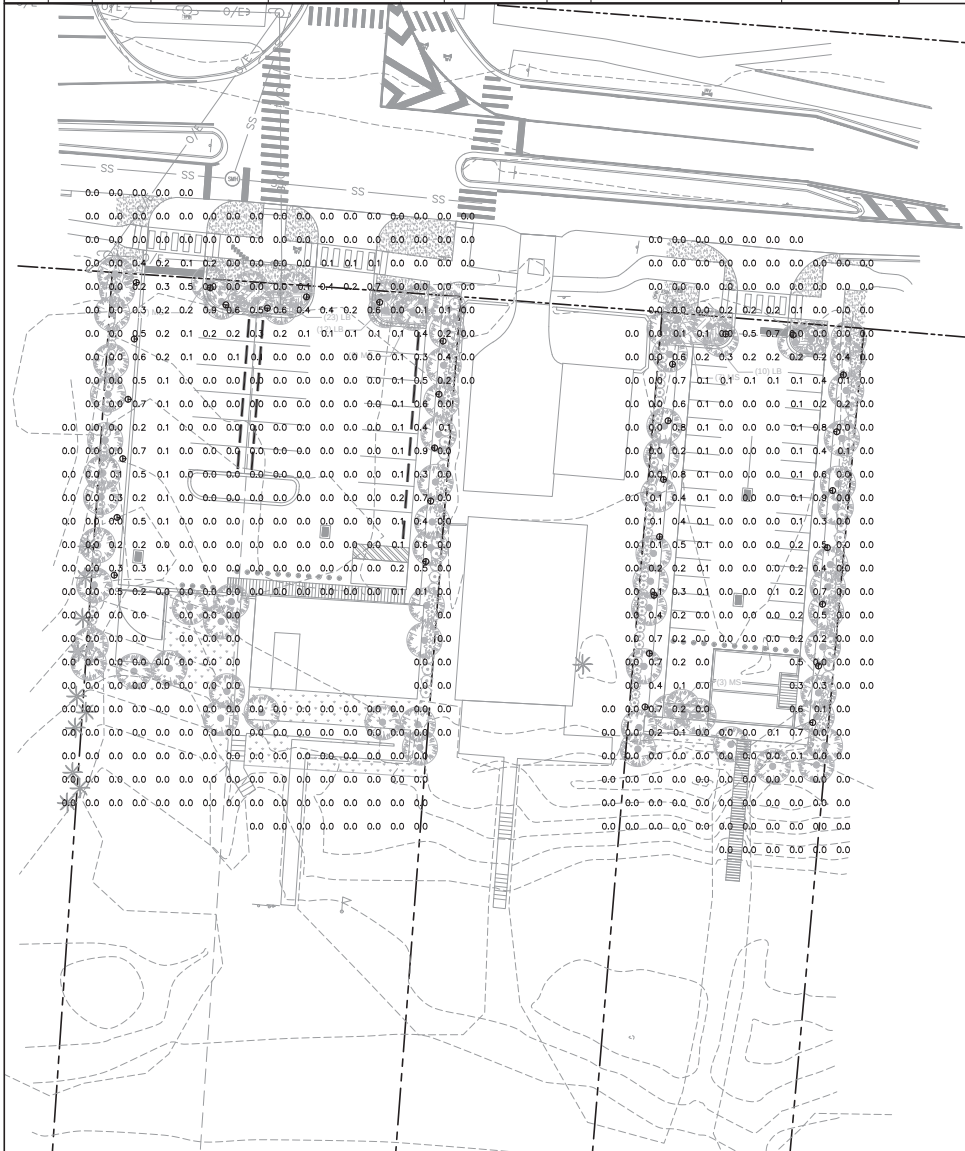
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Project No.	
02.11.25	
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Sheet Title	Drawings not valid without seal

LANDSCAPE
PLANTING DETAILS

Sheet No.
LP500

LUMINAIRE SCHEDULE							
CALLOUT	SYMBOL	QUANTITY	LAMP	DESCRIPTION	MODEL	COLOR (CCT)	NOTE 1
BLS	⊙	32	(1) 4 LED chips, 4COB	9-1/2" DIA. X 35-1/2" H. LED LUMINAIRE DIFFUSED LENS	Hydrel, 3100C 4COB AMBLW BSH AMBER	AMBER	NOTE 2
							INPUT: 120-277VAC, 0.7A, 50/60Hz OUTPUT: 200-1050mA, 48W, eidoLED SOL0driver 561/s
							FWC APPROVED SEA TURTLE BOLLARD LIGHT WITH BEACHSIDE SHIELD



GENERAL LIGHTING NOTES

- FIXTURE SPECIFICATIONS & LOCATIONS SHOWN ON LANDSCAPE ARCHITECT'S LIGHTING PLANS SUPERSEDE ANY OTHER INFORMATION THAT MAY ALSO BE INCLUDED IN ARCHITECTURAL, ELECTRICAL, ENGINEER'S PLANS, ETC. CONTRACTOR TO NOTIFY LA OF ANY INCONSISTENCIES.
- LIGHTING PLANS ARE SUBJECT TO REVIEW & APPROVAL FROM AUTHORITIES-HAVING-JURISDICTION (AHJ'S) (I.E. CITIES, AGENCIES ETC. CHANGES TO FIXTURE SPECIFICATIONS AND/OR LOCATIONS SHALL BE SUBMITTED TO LA AND MAY REQUIRE FURTHER PERMITTING & APPROVAL FROM AHJ'S. FAILURE TO DO SO MAY RESULT IN AHJ'S REJECTING THE FIXTURE UPON PROJECT COMPLETION INSPECTION, WHICH SHALL BE CORRECTED AT CONTRACTOR'S EXPENSE.
- STRUCTURAL ENGINEERING DESIGN IS NEITHER EXPRESSED NOR IMPLIED IN THIS DRAWING. STRUCTURAL ENGINEERING DESIGN RESPONSIBILITY IS DELEGATED TO THE CONTRACTOR, AND SHALL BE DONE BY A PROFESSIONAL ENGINEER OR OTHER QUALIFIED PROFESSIONAL AS REQUIRED FOR CODE COMPLIANCE, PERMITTING, ETC.
- FOR LIGHTING PLANS INCLUDING PHOTOMETRIC CALCULATIONS, FOOTCANDLE CALCULATIONS ARE INTENDED TO IMITATE FINAL INSTALLED VALUES. FACTORS THAT MAY AFFECT THESE VALUES INCLUDE BUT ARE NOT LIMITED TO MANUFACTURER'S IES FILE VALIDITY, LIGHT LOSS FACTORS, BUILDING MATERIAL, REFLECTIVITY, TREE AND FURNITURE PLACEMENT, ETC. CARE WAS TAKEN TO PREPARE PLANS TO ACCOUNT FOR THE ABOVE FACTORS, BUT FINAL CONDITIONS & EXTERNAL FACTORS ARE SUBJECT TO MINOR CHANGES. CONTRACTOR SHALL INSTALL FIXTURES AS INDICATED ON THE CONSTRUCTION DOCUMENTS AND PER MANUFACTURER'S RECOMMENDATIONS TO ENSURE VARIANCES DUE TO INSTALLATION ISSUES ARE KEPT TO A MINIMUM.

GENERAL NOTES

1. EXTERIOR LIGHTS SHALL BE ARRANGED TO SHIELD OR DEFLECT LIGHT AWAY FROM ADJOINING PROPERTIES, PUBLIC STREETS AND BEACH, AND SHALL NOT HAVE AN ADVERSE IMPACT OF THE SURROUNDING PROPERTIES, ROADWAYS, AND BEACHES.
2. VOLTAGE TO BE VERIFIED BY ELECTRICAL CONTRACTOR AND APPROVED BY CLIENT.
3. TINTED GLASS OR FILM WITH A VISIBLE LIGHT TRANSMITTANCE VALUE OF FORTY-FIVE (45) PERCENT OR LESS SHALL BE APPLIED TO ALL WINDOWS AND DOORS WITHIN LINE OF SIGHT OF THE BEACH. THIS INCLUDES THE SEAWARD AND SHORE-PERPENDICULAR SIDES OF THE STRUCTURE. THIS MAY BE SPECIFIED IN THE NOTES SECTION OF THE DRAWING.
4. NO FIXTURE SUBSTITUTIONS OR ALTERATIONS ARE ALLOWED WITHOUT PRIOR FWC REVIEW AND THE EXTERIOR LIGHTING SHALL BE INSTALLED AND MAINTAINED AS DEPICTED.

APPROVED

By Jesse Hernandez at 9:05 am, Oct 22, 2025



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Project No.	
02.11.25	
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Sheet Title

SITE LIGHTING PLAN

Sheet No.

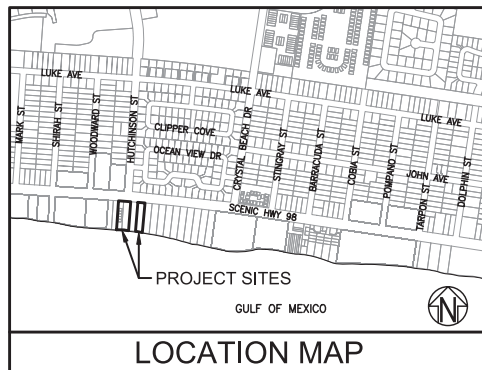
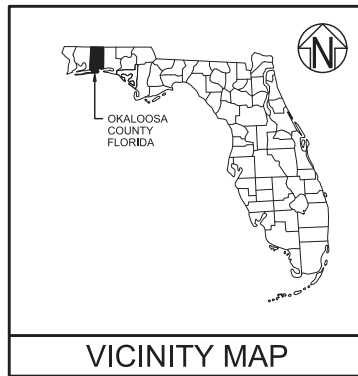
LE100

1 SITE LIGHTING PLAN
Scale: 1" = 20'

CONSTRUCTION PLANS FOR SHORES AT CRYSTAL BEACH PARK EXPANSION

OGD REVIEW
9/22/2025 C.W.

EXISTING 5/8" PE GAS S/L,
POTENTIAL CONFLICT WITH
LANDSCAPE AND WATER SERVICE,
LOCATE AND PROTECT



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1-800-432-4770
IT'S THE LAW IN FLORIDA
FL STATUTE 553.851 (1979) REQUIRES
MIN. OF 2 DAYS AND MAX. OF 5 DAYS
NOTICE BEFORE YOU EXCAVATE.

JULY 2025

PREPARED FOR:
OKALOOSA COUNTY



OKALOOSA COUNTY
COMMISSIONERS

PAUL MIXON (CHAIRMAN)
CAROLYN KETCHEL
SHERRI COX
TREY GOODWIN
DREW PALMER

COMMISSIONER DISTRICT 1
COMMISSIONER DISTRICT 2
COMMISSIONER DISTRICT 3
COMMISSIONER DISTRICT 4
COMMISSIONER DISTRICT 5

PREPARED BY:



BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927

14101 PANAMA CITY BEACH PARKWAY, SUITE 110,
PANAMA CITY BEACH, FL 32413 (850) 230-6150
ENGINEERING BUSINESS: EB-0000340

PENSACOLA - PANAMA CITY BEACH - TALLAHASSEE - MOBILE

ENGINEER'S PROJECT NO. 12105.02

SHEET INDEX

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G-001	GENERAL NOTES
C-100	PROJECT OVERVIEW
C-101	EXISTING CONDITIONS
C-102	DEMOLITION PLAN
C-103	GEOMETRY PLAN
C-104	GEOMETRIC DATA TABLES
C-105	GRADING AND STORM DRAINAGE PLAN
C-106	GRADING AND STORM DRAINAGE PLAN
C-107	STORM DRAINAGE DATA TABLES AND NOTES
C-300	TYPICAL PAVEMENT SECTIONS
C-500	MISCELLANEOUS DETAILS
C-501	MISCELLANEOUS DETAILS
C-502	BIKE RACK DETAILS
C-503	ADS STORM TECH CHAMBER SYSTEM NOTES
C-504	ADS STORM TECH CHAMBER SYSTEM DETAILS (WEST ASPHALT PARKING LOT)
C-505	ADS STORM TECH CHAMBER SYSTEM DETAILS (EAST ASPHALT GOLF CART/LOW SPEED VEHICLE (LSV) PARKING LOT)
C-506	ADS STORM TECH CHAMBER SYSTEM DETAILS
C-507	ADS STORM TECH CHAMBER SYSTEM DETAILS
C-508	ADS STORM TECH CHAMBER SYSTEM DETAILS
C-509	MISCELLANEOUS STANDARD FDOT DETAILS
C-510	MISCELLANEOUS STANDARD FDOT DETAILS
C-511	MISCELLANEOUS STANDARD FDOT DETAILS
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C-700	STRIPING AND SIGNAGE PLAN
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C-705	MISCELLANEOUS STANDARD FDOT DETAILS
C-800	EROSION CONTROL PLAN
C-801	BEST MANAGEMENT PRACTICES DETAILS
C-802	BEST MANAGEMENT PRACTICES DETAILS
CU-101	WATER AND SANITARY SEWER PLAN
CU-501	MISCELLANEOUS WATER AND SANITARY SEWER DETAILS
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CU-504	MISCELLANEOUS SANITARY SEWER DETAILS
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S-102	DUNE WALKOVER PILE LAYOUT
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LI-100	IRRIGATION PLAN
LI-500	IRRIGATION DETAILS
LE-100	SITE LIGHTING PLAN
LE-500	SITE LIGHTING DETAILS

G

- F

- D

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SEAL

SHORE AT CRYSTAL
BEACH EXPANSION

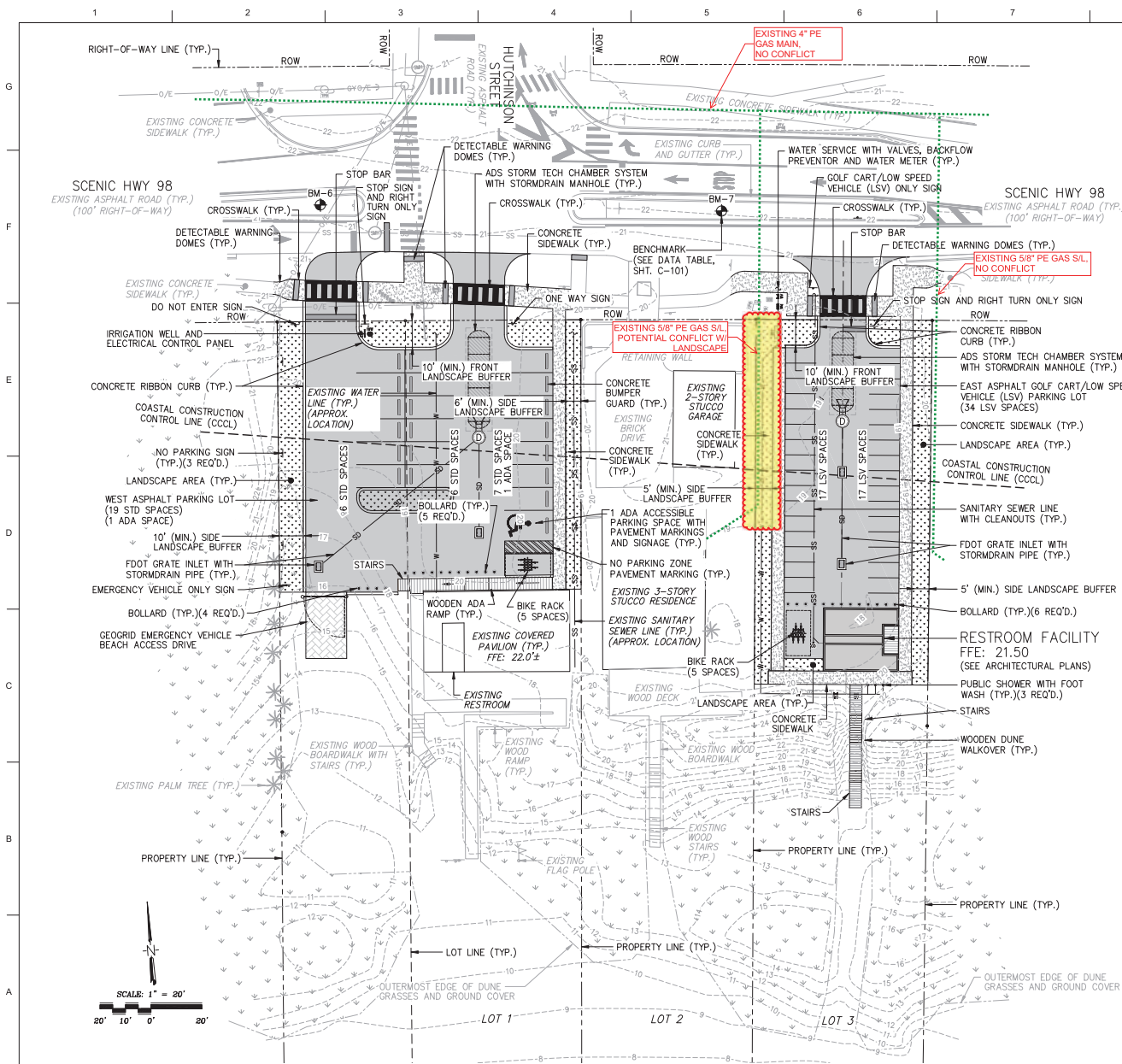
NO.	DATE	APPR.	REVISION / ACTION TAKEN
1	05/2025	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS

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PROJECT NO:	12105.02
DESIGNED BY:	RAS
DRAWN BY:	JJ
CHKD BY:	RLW
PROJ. MGR:	JCP
DATE:	JULY 2025

GENERAL NOTES

G-001



LEGEND

ASPHALT PAVEMENT	LANDSCAPED AREA
CONCRETE PAVEMENT	WOODEN BOARDWALK
GEOGRID	ADS STORM TECH CHAMBER SYSTEM

SITE DATA TABLE

PARCEL ID:
00-25-22-0590-000-00CA, 00-25-22-0584-0000-0010,
00-25-22-0584-0000-0030

LAND USE:
MIXED USE: (CURRENT)
MIXED USE: (FUTURE)
ZONING: COASTAL CENTER

FLOOD ZONE: X * & ZONE VE 16

BUILDING SETBACKS REQUIRED:
FRONT = NONE
SIDE = NONE
REAR = NONE
(DESTIN LAND DEVELOPMENT CODE SECTION 7.12.08 DIMENSIONAL REQUIREMENTS. TABLE 7-3 FOR REC ZONE.)

BUILDING SETBACKS PROVIDED FOR EXISTING WEST BUILDING:
ROW TO NORTH SIDE OF BLDG = 106.4± FEET
EAST PROPERTY LINE TO EAST SIDE OF BLDG = 4.5± FEET
WEST PROPERTY LINE TO WEST SIDE OF BLDG = 56.2± FEET

BUILDING SETBACKS PROVIDED FOR EAST BUILDING:
ROW TO NORTH SIDE OF BLDG = 115.8± FEET
EAST PROPERTY LINE TO EAST SIDE OF BLDG = 11.7± FEET
WEST PROPERTY LINE TO WEST SIDE OF BLDG = 27.1± FEET

BUILDING INFORMATION: PROPOSED RESTROOM FACILITY
BUILDING HEIGHT:
ALLOWED: 35'
PROPOSED: 15'
BUILDING STORIES:
ALLOWED: 3
PROPOSED: 1

GROSS FLOOR AREA: (WEST: 2158.3± SQ. FT.)
(EAST: 603.6± SQ. FT.)

TOTAL SITE AREA: (WEST: 47796.83 SQ. FT. OR 1.10 AC.)
(EAST: 30632.62 SQ. FT. OR 0.70 AC.)

MAX. FLOOR AREA RATIO: 20%

FLOOR AREA RATIO PROPOSED: (WEST: 4.5%) (EAST: 2.0%)

IMPERVIOUS AREA ALLOWED: (WEST: 35847.62 SQ. FT. OR 75%)
(EAST: 22974.47 SQ. FT. OR 75%)

IMPERVIOUS AREA PROPOSED: (WEST: 12885.86 SQ. FT. OR 27%)
(EAST: 7494.62 SQ. FT. OR 24%)

OPEN SPACE PROVIDED: (WEST: 34910.97 SQ. FT. OR 73%)
(EAST: 23182.00 SQ. FT. OR 76%)

PARKING

PARKING REQUIRED:
1 SPACE PER 150 SQ. FT. OF GROSS FLOOR AREA: (WEST: 13 SPACES)
(EAST: 5 SPACES)

PARKING PROVIDED:
REGULAR SPACES: (WEST: 19 SPACES)
ADA SPACES: (WEST: 1 SPACE)
LSV SPACES: (EAST: 32 SPACES)
BICYCLE PARKING SPACES: (WEST: 5 SPACES) (EAST: 5 SPACES)

* THIS PARCEL APPEARS TO LIE IN FLOOD ZONE X (NO MINIMUM FLOOD ELEVATION REQUIRED) AS DETERMINED FROM FEMA FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 12091C0493J, REVISED MARCH 9, 2021.

SIGNS

SIGNS PROVIDED:
DO NOT ENTER SIGNS: (WEST: 2 SIGNS)
RIGHT TURN ONLY SIGN: (WEST: 1 SIGN) (EAST: 1 SIGN)
(R7-8) ADA HANDICAPPED PARKING SIGN: (WEST: 1 SIGN)
(R8-3A) NO PARKING SIGN: (WEST: 3 SIGNS)
EMERGENCY VEHICLE ACCESS ONLY SIGN: (WEST: 1 SIGN)
(R1-1) STOP SIGN: (WEST: 1 SIGN) (EAST: 1 SIGN)
LOW SPEED VEHICLE (LSV) PARKING ONLY SIGN: (EAST: 1 SIGN)

BASKERVILLE LEONOVAN INC.
ENGINEERING THE SOUTH SINCE 1927
1401 PANAMA CITY BEACH PARKWAY, SUITE 110
PANAMA CITY, FLORIDA 32404
PH: 904-244-1100 FAX: 904-244-1101

SHORE AT CRYSTAL BEACH EXPANSION

NO.	DATE	APPR.	REVISION ACTION TAKEN
1	05/20/25	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS

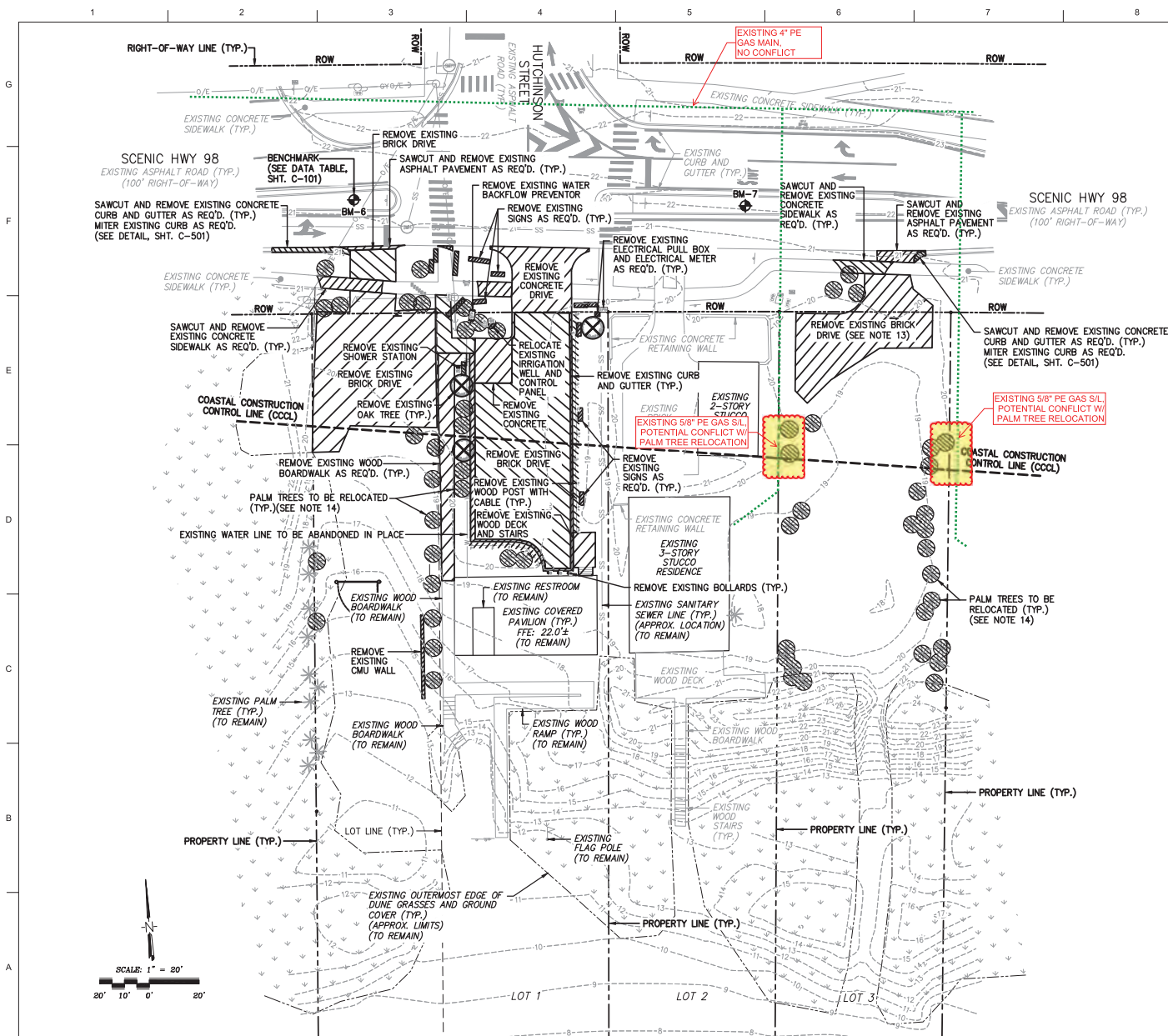
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NOT RELEASED FOR CONSTRUCTION

PROJECT NO: 12105.02
DESIGNED BY: RAS
DRAWN BY: JJ
CHECKED BY: RLW
PROD. MGR: JCP
DATE: JULY 2025

PROJECT OVERVIEW

C-100



DEMOLITION NOTES:

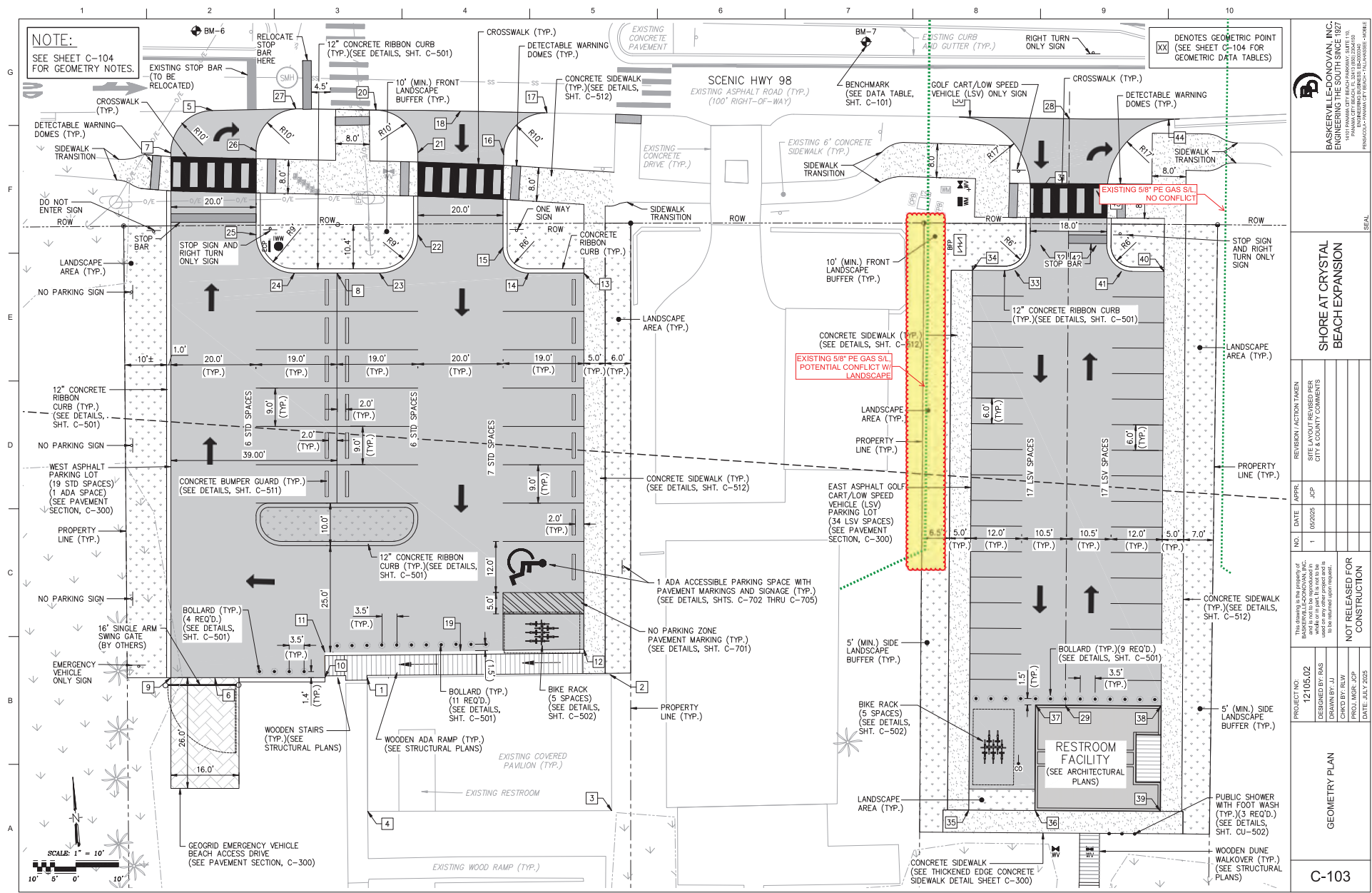
- SEE SHEET C-101 FOR SURVEY BENCHMARKS, SURVEY SYMBOL LEGEND AND ABBREVIATION LEGEND.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE ACCURACY OF THE EXISTING SITE INFORMATION SHOWN HERE IN. ANY CHANGED OR ALTERED SITE CONDITION SHALL BE BROUGHT TO THE ATTENTION OF THE COUNTY AND CITY IMMEDIATELY.
- ALL EXISTING DEBRIS AND DEBRIS FROM CONSTRUCTION OPERATIONS SHALL BE DISPOSED OF OFF-SITE AT THE CONTRACTOR'S EXPENSE.
- TOPSOIL SUITABLE FOR REUSE SHALL BE STOCKPILED ON-SITE IN AN APPROVED LOCATION AND REDISTRIBUTED OVER ALL DISTURBED AREAS IN ONE 4\"/>

 BASKERVILLE-LEDOVANI INC. ENGINEERING THE SOUTH SINCE 1927 14101 PANAMA CITY BEACH PARKWAY, SUITE 110 PANAMA CITY, FLORIDA 32409-2000 PH: 904.277.1400 FAX: 904.277.1401		REVIEW ACTION TAKEN	
		SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS	JCP
PROJECT NO. 12105.02 DESIGNED BY: RAS DRAWN BY: JJ CHECKED BY: RLV PROJECT MGR: JCP DATE: JULY 2025		NO. DATE	
		1 05/2025	JCP
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DEMOLITION PLAN		C-102	

L:\121 Okaloosa County\12105.02 Shore at Crystal Beach Park Amendment\DWG\C-102 - Demolition.dwg, Jul 17, 2025 - 3:54:30PM, slucia

APPROVED
By Jesse Hernandez at 9:06 am, Oct 22, 2025

100% SUBMITTAL



L:\121 Okaloosa County\12105.02 Shore at Crystal Beach Park Amendment\DWG\C-103 - C-104 - Geometry.dwg, Jul 18, 2025 - 10:18:44AM, slucia

APPROVED

By Jesse Hernandez at 9:06 am, Oct 22, 2025

100% SUBMITTAL

BASKERVILLE DONOVAN, INC.
1410 PANAMA CITY BEACH PARKWAY, SUITE 110
PANAMA CITY, FLORIDA 32409
PH: 904-277-1000 FAX: 904-277-1001

SHORE AT CRYSTAL BEACH EXPANSION

NO.	DATE	APPR.	REVISION ACTION TAKEN
1	09/20/25	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS

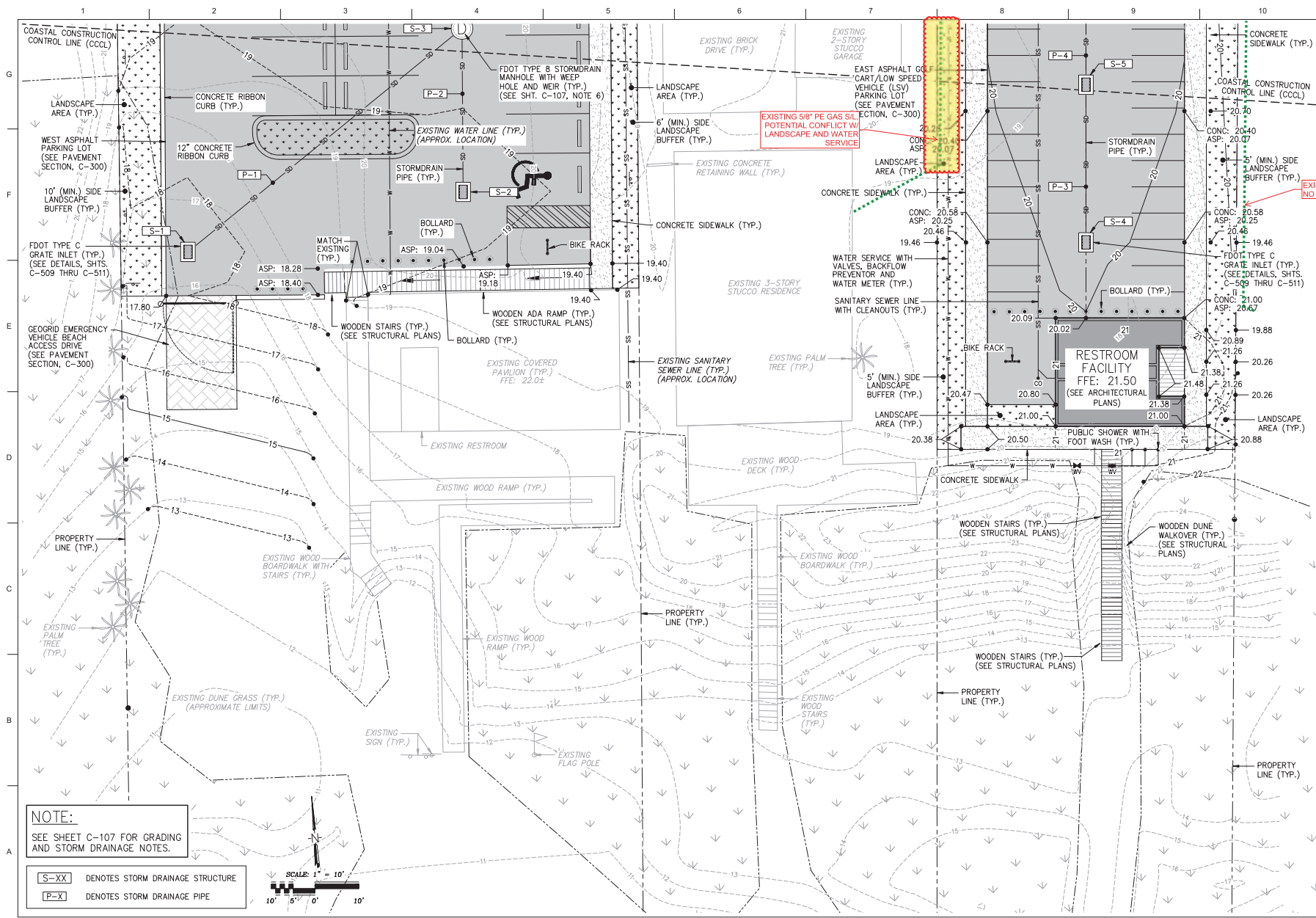
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NOT RELEASED FOR CONSTRUCTION

PROJECT NO: 12105.02
DESIGNED BY: RAS
DRAWN BY: JJ
CHECKED BY: RLW
PROD. MGR: JCP
DATE: JULY 2025

GEOMETRY PLAN

C-103



BASKERVILLE DONOVAN INC.
ENGINEERING THE SOUTH SINCE 1927
14101 PANAMA CITY BEACH PARKWAY, SUITE 110
PANAMA CITY, FLORIDA 32409
PH: 904-241-1100 FAX: 904-241-1101
WWW.BASKERVILLEDONOVAN.COM

SEAL

SHORE AT CRYSTAL BEACH EXPANSION

NO CONSTRUCTION

PROJECT NO.	DATE	APPR.	REVISION ACTION
12105.02	09/20/25	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS
DESIGNED BY: RAS			
DRAWN BY: RJW			
CHECKED BY: RAS			
PROD. MGR: JCP			
DATE: JULY 2025			

Grading and Storm Drainage Plan

C-106