



FLORIDA DEPARTMENT OF Environmental Protection

Northwest District
160 W. Government Street, Suite 308
Pensacola, Florida 32502-5740

Ron DeSantis
Governor

Jay Collins
Lt. Governor

Alexis A. Lambert
Secretary

Permittee/Authorized Entity:

City of Destin
c/o: Larry Jones, City Manager
4200 Indian Bayou Trl.
Destin, FL 32541
ljones@cityofdestin.com

Shore at Crystal Beach Park

Authorized Agent:

Baskerville Donovan, Inc.
c/o: Jeffrey Petermann, P.E.
1418 W 23rd St
Panama City, FL 32405
jpetermann@baskervilledonovan.com

Environmental Resource Permit

State-owned Submerged Lands Authorization – Not Applicable

U.S. Army Corps of Engineers Authorization – Not Included

Okaloosa County
Permit No.: 0282642-004-EI/46

Permit Issuance Date: August 26, 2026
Permit Construction Phase Expiration Date: August 26, 2031

Environmental Resource Permit

Permittee: City of Destin
Permit No: 0282642-004-EI/46

PROJECT LOCATION

The activities authorized by this permit are located at 2966 Scenic Highway 98 in Destin, Florida 32541 on an approximately 1.80-acre site and is part of a larger planned development. Parcel ID No. 00-2S-22-0590-0000-00CA, 00-2S-22-0584-0000-0010, 00-2S-22-0584-0000-0030 in Section 0, Township 2 South, Range 22 West in Okaloosa County, at Latitude 30° 22' 56.89"North Longitude 86° 25' 34.09"West.

PROJECT DESCRIPTION

The application and plans for this project have been reviewed and the project qualifies for an ERP pursuant to Chapter 62-330, Florida Administrative Code. The permittee is authorized to construct a park that consists of parking lots, sidewalks, a restroom facility, utilities, and stormwater management system. The stormwater management system will include two (2) exfiltration trenches. The West Park Exfiltration Trench provides a nutrients reduction efficiency of 94.8% for Total Phosphorus and Total Nitrogen. The East Park Exfiltration Trench provides a nutrients reduction efficiency of 87.3% for Total Phosphorus and Total Nitrogen. Authorized activities are depicted on the attached exhibits.

AUTHORIZATIONS

Shore at Crystal Beach Park

Environmental Resource Permit

The Department has determined that the activity qualifies for an Environmental Resource Permit. Therefore, the Environmental Resource Permit is hereby granted, pursuant to Part IV of Chapter 373, Florida Statutes (F.S.), and Chapter 62-330, Florida Administrative Code (F.A.C.).

Sovereignty Submerged Lands Authorization

As staff to the Board of Trustees of the Internal Improvement Trust Fund (Board of Trustees), the Department has determined the activity is not on submerged lands owned by the State of Florida. Therefore, your project is not subject to the requirements of Chapter 253, F.S., or Rule 18-21 F.A.C.

Federal Authorization

Your proposed activity as outlined on your application and attached drawings **does not qualify** for Federal authorization pursuant to the State Programmatic General Permit and a **SEPARATE permit** or authorization **may be required** from the Corps. You must apply separately to the Corps using the Application for Department of the Army Permit (ENG 4345) or alternative as allowed by Corps regulations. More information on Corps permitting may be found online in the Jacksonville District Regulatory Division Sourcebook:

(<https://www.saj.usace.army.mil/Missions/Regulatory/Source-Book/>).

Authority for review - an agreement with the USACOE entitled "Coordination Agreement Between the U. S. Army Corps of Engineers (Jacksonville District) and the Florida Department

of Environmental Protection (or Duly Authorized Designee), State Programmatic General Permit”, Section 10 of the Rivers and Harbor Act of 1899, and Section 404 of the Clean Water Act.

Water Quality Certification Granted

This permit also constitutes a *grant* of water quality certification under Section 401 of the Clean Water Act, 33 U.S.C. Section 1341. Pursuant to Rule 62-330.062, F.A.C. issuance of the individual or conceptual approval permit under this chapter shall constitute certification of compliance with water quality standards.

Other Authorizations

You are advised that authorizations or permits for this activity may be required by other federal, state, regional, or local entities including but not limited to local governments or municipalities. This permit does not relieve you from the requirements to obtain all other required permits or authorizations.

The activity described may be conducted only in accordance with the terms, conditions and attachments contained in this document. Issuance and granting of the permit and authorizations herein do not infer, nor guarantee, nor imply that future permits, authorizations, or modifications will be granted by the Department.

PERMIT CONDITIONS

The activities described must be conducted in accordance with:

- **The Specific Conditions**
- **The General Conditions**
- **The limits, conditions and locations of work shown in the attached drawings**
- **The term limits of this authorization**

You are advised to read and understand these conditions and drawings prior to beginning the authorized activities, and to ensure the work is conducted in conformance with all the terms, conditions, and drawings herein. If you are using a contractor, the contractor also should read and understand these conditions and drawings prior to beginning any activity. Failure to comply with these conditions, including any mitigation requirements, shall be grounds for the Department to revoke the permit and authorization and to take appropriate enforcement action. Operation of the facility is not authorized except when determined to be in conformance with all applicable rules and this permit as described.

SPECIFIC CONDITIONS – ADMINISTRATIVE/EMERGENCIES

1. The permittee shall be responsible for keeping records documenting that relevant permit conditions are met. This documentation shall include, at a minimum, the date of each inspection, the name and qualifications of the inspector, any maintenance actions taken, and a determination by the inspector as to whether the system is operating as intended. Inspection documentation must be readily available and shall be provided at the Department's request. Submittal of the inspection documentation to the Department is not required.

2. Within 30 days of any failure of a stormwater management system or deviation from the permit, a report shall be submitted to the Department on Form 62-330.311(1), Operation and Maintenance Inspection Certification, describing the remedial actions taken to resolve the failure of deviation. This report shall be signed and sealed by a registered professional.

3. For emergencies involving a serious threat to the public health, safety, welfare, or environment, the emergency telephone contact number is (800) 320-0519 (State Warning Point). The Department telephone number for reporting nonthreatening problems or system malfunctions is (850) 595-0663, day or night.

4. The mailing address for submittal of forms for the "Construction Commencement Notice", "As-Built Certification ...", "Request for Conversion of Stormwater Management Permit Construction Phase to Operation and Maintenance Phase", or other correspondence is FDEP, SLERP, 160 W. Government Street, Pensacola, Florida 32502.

SPECIFIC CONDITIONS – PRIOR TO ANY CONSTRUCTION

5. This permit does not authorize the construction of any additional structures not illustrated on the permit drawings.

6. Best management practices for erosion control shall be implemented prior to construction activities and maintained at all times during construction to prevent siltation and turbid discharges into adjacent wetlands. Methods shall include but are not limited to the use of staked hay bales, staked filter cloth, sodding, seeding, and mulching; staged construction; and the installation of turbidity screens around the immediate project site. Erosion control methods shall be implemented as described and shown in the attached permit drawings. The permittee shall be responsible for ensuring that erosion control devices/procedures are inspected and maintained daily during all stages of construction authorized by this permit until all areas that were disturbed during construction are sufficiently stabilized to prevent erosion, siltation, and turbid discharges.

SPECIFIC CONDITIONS – CONSTRUCTION ACTIVITIES

7. The construction phase expires at 11:59 p.m. on the date indicated on the cover page of this permit, unless an application for extension is received and approved pursuant to Rule 62-330.320, F.A.C. If construction of the stormwater management system authorized by this environmental resource permit has not been completed and continued use of the system formally transferred to the operating phase before the expiration date of the permit, or an authorized extension, then at least 60 days before such expiration date, the permittee shall apply for another individual stormwater permit, using the forms and accompanied by the fee required by rules in effect at that time.

8. Erosion controls shall remain in place until the filled area has sufficient vegetative coverage to ensure stability and prevent erosion into the surrounding wetlands or surface waters. Grass seed and mulch or sod shall be installed and maintained on all exposed slopes and disturbed soil areas within 48 hours of completing final grade, and at any other time as necessary, to prevent erosion, sedimentation, or turbid discharges into adjacent wetlands. A vegetative cover that stabilizes and prevents erosion of the fill material shall be established within 60 days of sodding or seeding. Upon establishment of a substantial vegetative cover, all erosion control devices shall be removed.

9. All material used as fill shall be clean sand/fill dirt/shell material and shall not be contaminated with vegetation, garbage, trash, tires, hazardous waste, and deleterious materials.

10. The permittee shall be responsible for ensuring that erosion control devices/procedures are inspected and maintained daily during all phases of construction authorized by this permit until all areas that were disturbed during construction are sufficiently stabilized to prevent erosion, siltation, and turbid discharges.

11. If any construction de-watering is required which results in an offsite discharge of groundwater, the permittee and/or the contractor shall ensure that the requirements of pertinent portions of Chapter 62-621, F.A.C. are met. Please contact the FDEP Wastewater Department at 850-595-8300, for more information.

12. Construction equipment shall not be repaired or refueled in wetlands or elsewhere within waters of the state.

13. Any damage to wetlands outside of the authorized impact areas as a result of construction shall be immediately reported to the Department at (850)595-8300 and repaired by reestablishing the pre-construction elevations and replanting vegetation of the same species, size, and density as that in the adjacent areas. The restoration shall be completed within 30 days of completion of construction, and the Department shall be notified of its completion within that same 30-day period.

14. This permit does not authorize impacts to wetlands or surface waters. Any proposed impacts shall be reviewed and approved by the Department prior to commencement.

SPECIFIC CONDITIONS – OPERATION AND MAINTENANCE ACTIVITIES

15. The authorized stormwater management system shall be completed prior to or simultaneously with associated upland development.

16. Once project construction has been deemed complete, including the re-stabilization of all side slopes, embankments, and other disturbed areas, and before the transfer to the Operation and Maintenance phase, all obsolete erosion control materials shall be removed.

17. The permittee shall be responsible for keeping records documenting that relevant permit conditions are met. This documentation shall include, at a minimum, the date of each inspection, the name and qualifications of the inspector, any maintenance actions taken, and a determination by the inspector as to whether the system is operating as intended. Inspection documentation must be readily available and shall be provided at the Department's request.

18. In addition to these conditions, the Permittee shall comply with all maintenance and inspection requirements prescribed in the Maintenance and Operation Plan developed by the registered professional who designed the system.

19. All structures authorized by this permit shall remain in operable condition and shall not be allowed to deteriorate or otherwise contribute to a water quality violation for the life of the

facility. All stormwater structures identified by this permit shall be maintained in proper working order for the life of the facility.

20. On a quarterly frequency, each sediment control sump (or equivalent) and each clean-out shall be inspected on at least a quarterly basis. Permittee shall remove any deposited sediment or debris within the sump. Any clean-out that is damaged shall be repaired. If applicable, permittee shall verify that any grate on each sediment sump is in place. If applicable, inspect each overflow weir and baffle and confirm that it is free-flowing and clear of debris.

21. The stormwater management system shall be inspected by a registered professional or qualified registered inspector to evaluate whether the system is functioning as designed and permitted. Percolation performance should specifically be addressed. The registered professional or qualified registered inspector shall record his inspection on Form No. 62-330.311(1), Operation and Maintenance Inspection Certification. Within 30 days of their inspection, the registered professional or qualified registered inspection shall submit Form No. 62-330.311(1) along with, as applicable, Form No. 62-330.311(3) "Inspection Checklists", updated operation and maintenance cost estimates, updated operation and maintenance plan, and any monitoring reports required by a specific permit condition. Inspections shall be made by the registered professional in accordance with this schedule:

- a. On the first anniversary of the date of conversion to Operation and Maintenance Phase.
- b. Every second year on the anniversary of conversion to Operation and Maintenance phase, after the first year of successful operation.

22. Within 30 days of any failure of a stormwater management system or deviation from the permit, a report shall be submitted to the Department on Form 62-330.311(1), Operation and Maintenance Inspection Certification, describing the remedial actions taken to resolve the failure or deviation. This report shall be signed and sealed by a registered professional.

GENERAL CONDITIONS FOR INDIVIDUAL PERMITS

The following general conditions are binding on all individual permits issued under chapter 62-330, F.A.C., except where the conditions are not applicable to the authorized activity, or where the conditions must be modified to accommodate project-specific conditions.

1. All activities shall be implemented following the plans, specifications and performance criteria approved by this permit. Any deviations must be authorized in a permit modification in accordance with Rule 62-330.315, F.A.C. Any deviations that are not so authorized may subject the permittee to enforcement action and revocation of the permit under Chapter 373, F.S.
2. A complete copy of this permit shall be kept at the work site of the permitted activity during the construction phase, and shall be available for review at the work site upon request by the Agency staff. The permittee shall require the contractor to review the complete permit prior to beginning construction.
3. Activities shall be conducted in a manner that does not cause or contribute to violations of state water quality standards. Performance-based erosion and sediment control best management practices shall be installed immediately prior to, and be maintained during and after construction as needed, to prevent adverse impacts to the water resources and adjacent lands. Such practices shall be in accordance with the *State of Florida Erosion and Sediment Control Designer and*

Reviewer Manual (Florida Department of Environmental Protection and Florida Department of Transportation June 2007), and the *Florida Stormwater Erosion and Sedimentation Control Inspector's Manual* (Florida Department of Environmental Protection, Nonpoint Source Management Section, Tallahassee, Florida, July 2008), which are both incorporated by reference in subparagraph 62-330.050(9)(b)5., F.A.C., unless a project-specific erosion and sediment control plan is approved or other water quality control measures are required as part of the permit.

4. At least 48 hours prior to beginning the authorized activities, the permittee shall submit to the Agency a fully executed Form 62-330.350(1), "Construction Commencement Notice," [October 1, 2013], which is incorporated by reference in paragraph 62-330.350(1)(d), F.A.C., indicating the expected start and completion dates. A copy of this form may be obtained from the Agency, as described in subsection 62-330.010(5), F.A.C. If available, an Agency website that fulfills this notification requirement may be used in lieu of the form.

5. Unless the permit is transferred under Rule 62-330.340, F.A.C., or transferred to an operating entity under Rule 62-330.310, F.A.C., the permittee is liable to comply with the plans, terms and conditions of the permit for the life of the project or activity.

6. Within 30 days after completing construction of the entire project, or any independent portion of the project, the permittee shall provide the following to the Agency, as applicable:

- a. For an individual, private single-family residential dwelling unit, duplex, triplex, or quadruplex – "Construction Completion and Inspection Certification for Activities Associated With a Private Single-Family Dwelling Unit" [Form 62-330.310(3)]; or
- b. For all other activities – "As-Built Certification and Request for Conversion to Operational Phase" [Form 62-330.310(1)].
- c. If available, an Agency website that fulfills this certification requirement may be used in lieu of the form.

7. If the final operation and maintenance entity is a third party:

- a. Prior to sales of any lot or unit served by the activity and within one year of permit issuance, or within 30 days of as- built certification, whichever comes first, the permittee shall submit, as applicable, a copy of the operation and maintenance documents (see sections 12.3 thru 12.3.3 of Volume I) as filed with the Department of State, Division of Corporations and a copy of any easement, plat, or deed restriction needed to operate or maintain the project, as recorded with the Clerk of the Court in the County in which the activity is located.
- b. Within 30 days of submittal of the as- built certification, the permittee shall submit "Request for Transfer of Environmental Resource Permit to the Perpetual Operation Entity" [Form 62-330.310(2)] to transfer the permit to the operation and maintenance entity, along with the documentation requested in the form. If available, an Agency website that fulfills this transfer requirement may be used in lieu of the form.

8. The permittee shall notify the Agency in writing of changes required by any other regulatory agency that require changes to the permitted activity, and any required modification of this permit must be obtained prior to implementing the changes.

9. This permit does not:

- a. Convey to the permittee any property rights or privileges, or any other rights or privileges other than those specified herein or in Chapter 62-330, F.A.C.;
- b. Convey to the permittee or create in the permittee any interest in real property;
- c. Relieve the permittee from the need to obtain and comply with any other required federal, state, and local authorization, law, rule, or ordinance; or
- d. Authorize any entrance upon or work on property that is not owned, held in easement, or controlled by the permittee.

10. Prior to conducting any activities on state-owned submerged lands or other lands of the state, title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund, the permittee must receive all necessary approvals and authorizations under Chapters 253 and 258, F.S. Written authorization that requires formal execution by the Board of Trustees of the Internal Improvement Trust Fund shall not be considered received until it has been fully executed.

11. The permittee shall hold and save the Agency harmless from any and all damages, claims, or liabilities that may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any project authorized by the permit.

12. The permittee shall notify the Agency in writing:

- a. Immediately if any previously submitted information is discovered to be inaccurate; and
- b. Within 30 days of any conveyance or division of ownership or control of the property or the system, other than conveyance via a long-term lease, and the new owner shall request transfer of the permit in accordance with Rule 62-330.340, F.A.C. This does not apply to the sale of lots or units in residential or commercial subdivisions or condominiums where the stormwater management system has been completed and converted to the operation phase.

13. Upon reasonable notice to the permittee, Agency staff with proper identification shall have permission to enter, inspect, sample and test the project or activities to ensure conformity with the plans and specifications authorized in the permit.

14. If any prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, work involving subsurface disturbance in the immediate vicinity of such discoveries shall cease. The permittee or other designee shall contact the Florida Department of State, Division of Historical Resources, Compliance and Review Section, at (850) 245-6333 or (800) 847-7278, as well as the appropriate permitting agency office. Such subsurface work shall not resume without verbal or written authorization from the Division of Historical Resources. If unmarked human remains are encountered, all work shall stop immediately and notification shall be provided in accordance with Section 872.05, F.S.

15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding unless a specific condition of this permit or a formal determination under Rule 62-330.201, F.A.C., provides otherwise.

16. The permittee shall provide routine maintenance of all components of the stormwater management system to remove trapped sediments and debris. Removed materials shall be

disposed of in a landfill or other uplands in a manner that does not require a permit under Chapter 62-330, F.A.C., or cause violations of state water quality standards.

17. This permit is issued based on the applicant's submitted information that reasonably demonstrates that adverse water resource-related impacts will not be caused by the completed permit activity. If any adverse impacts result, the Agency will require the permittee to eliminate the cause, obtain any necessary permit modification, and take any necessary corrective actions to resolve the adverse impacts.

18. A Recorded Notice of Environmental Resource Permit may be recorded in the county public records in accordance with subsection 62-330.090(7), F.A.C. Such notice is not an encumbrance upon the property.

19. In addition to those general conditions in subsection (1), above, the Agency shall impose any additional project-specific special conditions necessary to assure the permitted activities will not be harmful to the water resources, as set forth in rules 62-330.301 and 62-330.302, F.A.C., Volumes I and II, as applicable, and the rules incorporated by reference in this chapter.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until a subsequent order of the Department. Because the administrative hearing process is designed to formulate final agency action, the subsequent order may modify or take a different position than this action.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. You cannot justifiably rely on the finality of this decision unless notice of this decision and the right of substantially affected persons to challenge this decision has been duly published or otherwise provided to all persons substantially affected by the decision. While you are not required to publish notice of this action, you may elect to do so pursuant to Rule 62-110.106(10)(a).

The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C. If you do not publish notice of this action, this waiver will not apply to persons who have not received written notice of this action.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@FloridaDEP.gov, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

FLAWAC Review

The applicant, or any party within the meaning of Section 373.114(1)(a) or 373.4275, F.S., may also seek appellate review of this order before the Land and Water Adjudicatory Commission under Section 373.114(1) or 373.4275, F.S. Requests for review before the Land and Water Adjudicatory Commission must be filed with the Secretary of the Commission and served on the Department within 20 days from the date when this order is filed with the Clerk of the Department.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S. by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

Thank you for applying to the Submerged Lands and Environmental Resource Permit Program. If you have any questions regarding this matter, please contact Alyssa Tessier at the letterhead address, at (850)595-0685, or at Alyssa.Tessier@FloridaDEP.gov

EXECUTION AND CLERKING

Executed in Pensacola, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Kimberly R. Allen
Permitting Program Administrator

KRA:at

Attachments:

Exhibit 1, Project Drawings and Design Specs., 23 pages

Exhibit 2, Operation and Maintenance Plan, 2 pages

Copies of 62-330 forms may be obtained at: <https://floridadep.gov/water/submerged-lands-environmental-resources-coordination/content/forms-environmental-resource>

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Kimberly R. Allen, FDEP, Kim.Allen@FloridaDEP.gov
Russell Sullivan, FDEP, Russell.Sullivan@FloridaDEP.gov
Una Cole, FDEP, Una.Cole@FloridaDEP.gov
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Michelle Gartman, Okaloosa County, County Engineer, mgartman@myokaloosa.com
Michael Burgess, Public Works Director, City of Destin, mburgess@cityofdestin.com
Okaloosa County, mmartinez@myokaloosa.com, jautrey@myokaloosa.com,
sbitterman@myokaloosa.com, propertyappraiser@okaloosapa.com, planning@cityofdestin.com

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

August 26, 2026

Date

RELEASED FOR BID PLANS FOR

JULY 2026

PREPARED FOR:

OKALOOSA COUNTY

OKALOOSA COUNTY
COMMISSIONERS

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

PREPARED BY:



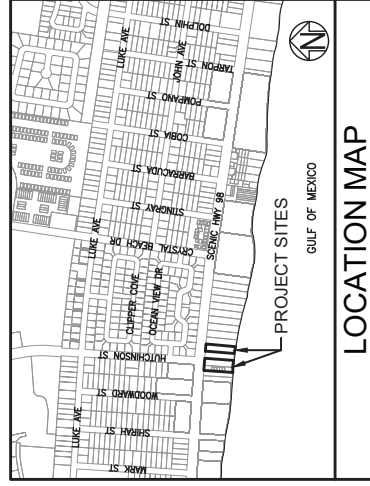
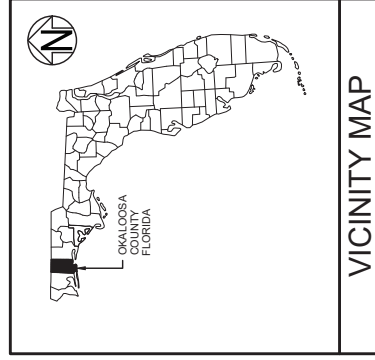
BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927

14101 PANAMA CITY BEACH PARKWAY, SUITE 110,

PANAMA CITY BEACH, FL 32413 (850) 230-5000
ENGINEERING BUSINESS: EB-0000340

PENSACOLA - PANAMA CITY BEACH - TALLAHASSEE - MOBILE
ENGINEERING BUSINESS, ED-0000340

ENGINEER'S PROJECT NO. 12105.02



48 HOURS BEFORE YOU DIG
CALL SUNSHINE
1-800-432-4777
IT'S THE LAW IN FLORIDA
FL. STATUTE 553.851 (1979) REQUIRES
NOTICE OF 2 DAYS AND MAX. OF 5 DAYS
BEFORE YOU EXCAVATE.

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

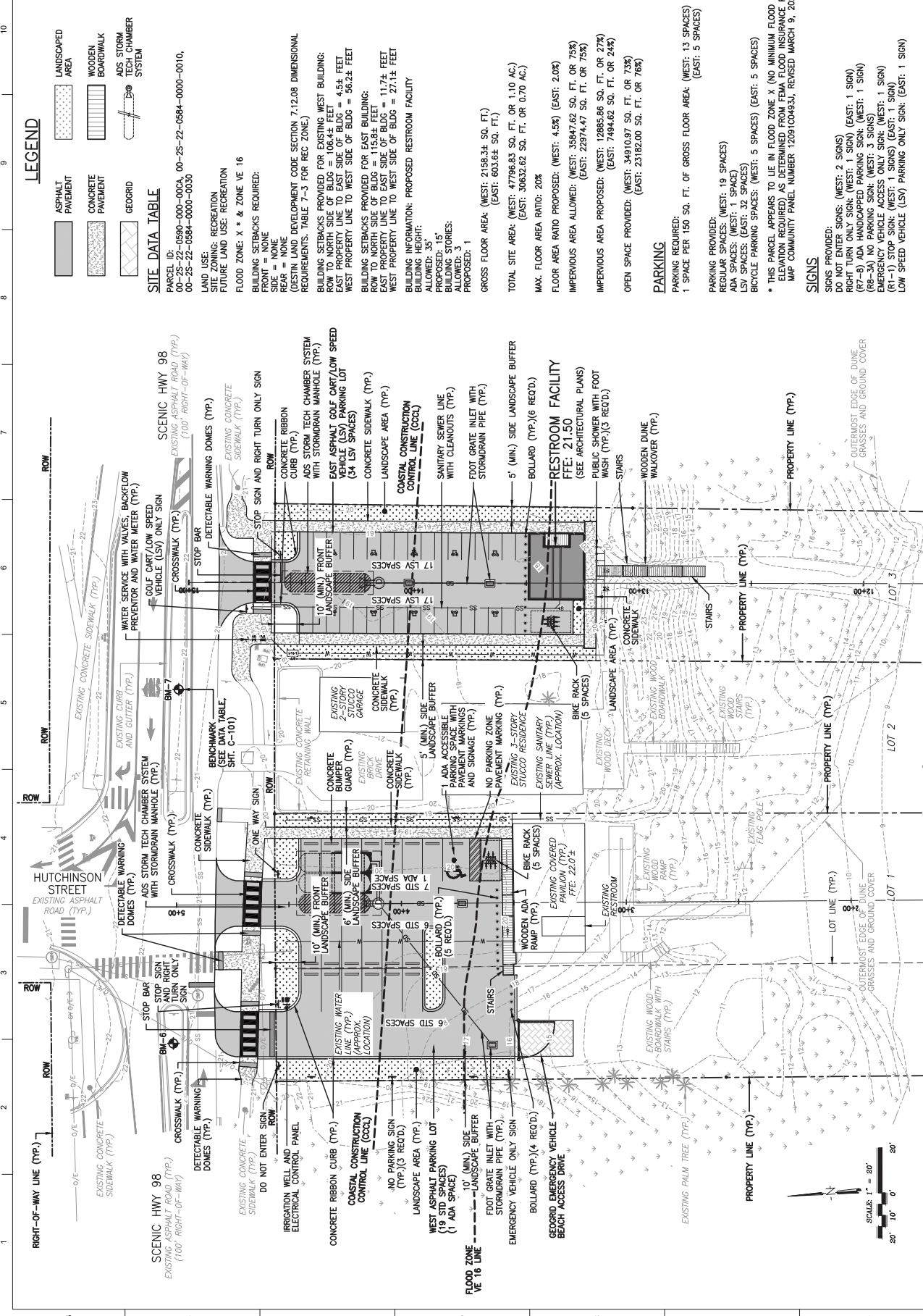
MIN. OF 2 DAYS AND MAX. OF 5 DAYS
NOTICE BEFORE YOU EXCAVATE.

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C-500 - C-601	MISCELLANEOUS DETAILS
C-502	BIKE RACK DETAILS
C-503	AES STORM TECH CHAMBER SYSTEM NOTES AES STORM TECH CARTLOW SPEED VEHICLE (LSV) PARKING LOT AES STORM TECH CHAMBER SYSTEM DETAILS (LSV) PARKING LOT AES STORM TECH CHAMBER SYSTEM NOTES (WEST ASPHALT PARKING LOT) AES STORM TECH CHAMBER SYSTEM DETAILS (WEST ASPHALT PARKING LOT) MISCELLANEOUS STANDARD FOOT DETAILS STRIPING AND SIGNAGE PLAN C-701 MISCELLANEOUS STRIPING AND SIGNAGE DETAILS C-702 - C-705 MISCELLANEOUS STANDARD FOOT DETAILS EROSION CONTROL PLAN BEST MANAGEMENT PRACTICES DETAILS WATER AND SANITARY SEWER PLAN CUI-501 MISCELLANEOUS WATER DETAILS DUU TYPICAL SPECIFICATIONS 1 CUJ-502 DUU TYPICAL SPECIFICATIONS 2 CUJ-503 DUU TYPICAL SPECIFICATIONS 3 CUJ-504 DUU TYPICAL POTABLE DETAILS CUJ-505 DUU TYPICAL SANITARY SEWER DETAILS CUJ-506 DUU TYPICAL DETAILS CUJ-507 GENERAL NOTES & TYPICAL DETAILS FOUNDATION AND ROOF FRAMING PLAN DUNE WALKOVER PILE LAYOUT SECTIONS AND DETAILS SPECIFICATIONS SITE PLAN A-101 DUNE LANDSCAPE RAMPS AND STAIRS A-102 DUNE AND STAIR DETAILS A-103 FLOOR PLANS, ELEVATIONS, BUILDING SECTIONS A-104 WALL SECTIONS, DOORS AND WINDOWS PHOTOS MECHANICAL LEGEND AND NOTES MECHANICAL SCHEDULE AND DETAILS M-002 MECHANICAL AND PLUMBING PLANS M-001 MECHANICAL DETAILS E-001 SITE EROSION, ABREVIATIONS, AND SPECIFICATIONS E-002 E-211 RESTROOM BUILDING PLAN E-212 LUNARINE SCHEDULE AND SPECIFICATION SHEETS EC-100 EXISTING VEGETATION PLAN EX-100 EXISTING VEGETATION PLAN LP-500 LANDSCAPE PLANTING PLAN LI-500 IRRIGATION PLAN LI-500 IRRIGATION DETAILS LE-500 SITE LIGHTING PLAN LE-500

THIS ITEM HAS BEEN DIGITALLY SIGNED AND
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LEGEND

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

SITE DATA TABLE

PARCEL ID: 00-25-22-0590-000-000A, 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
BUILDING SETBACKS REQUIRED:
FRONT: 10' (MIN.)
SIDE: 5' (MIN.)
REAR: 5' (MIN.)
REQUIREMENTS: TABLE 7-3 FOR REC. ZONE.
BUILDING SETBACKS PROVIDED FOR EXISTING WEST BUILDING:
ROW TO NORTH SIDE OF BLDG = 106.44' FEET
EAST PROPERTY LINE TO EAST SIDE OF BLDG = 4.54' FEET
WEST PROPERTY LINE TO WEST SIDE OF BLDG = 56.22' FEET
BUILDING SETBACKS PROVIDED FOR EAST BUILDING:
ROW TO NORTH SIDE OF BLDG = 115.84' FEET
EAST PROPERTY LINE TO EAST SIDE OF BLDG = 11.74' FEET
WEST PROPERTY LINE TO WEST SIDE OF BLDG = 27.14' FEET
BUILDING INFORMATION: PROPOSED RESTROOM FACILITY
ALLOWED: 35'
BUILDING HEIGHT: 16'
BUILDING STORIES: 3
ALLOWED: 3
PROPOSED: 1
GROSS FLOOR AREA: (WEST: 2158.34 SQ. FT.) (EAST: 603.64 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)

SIGNS

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

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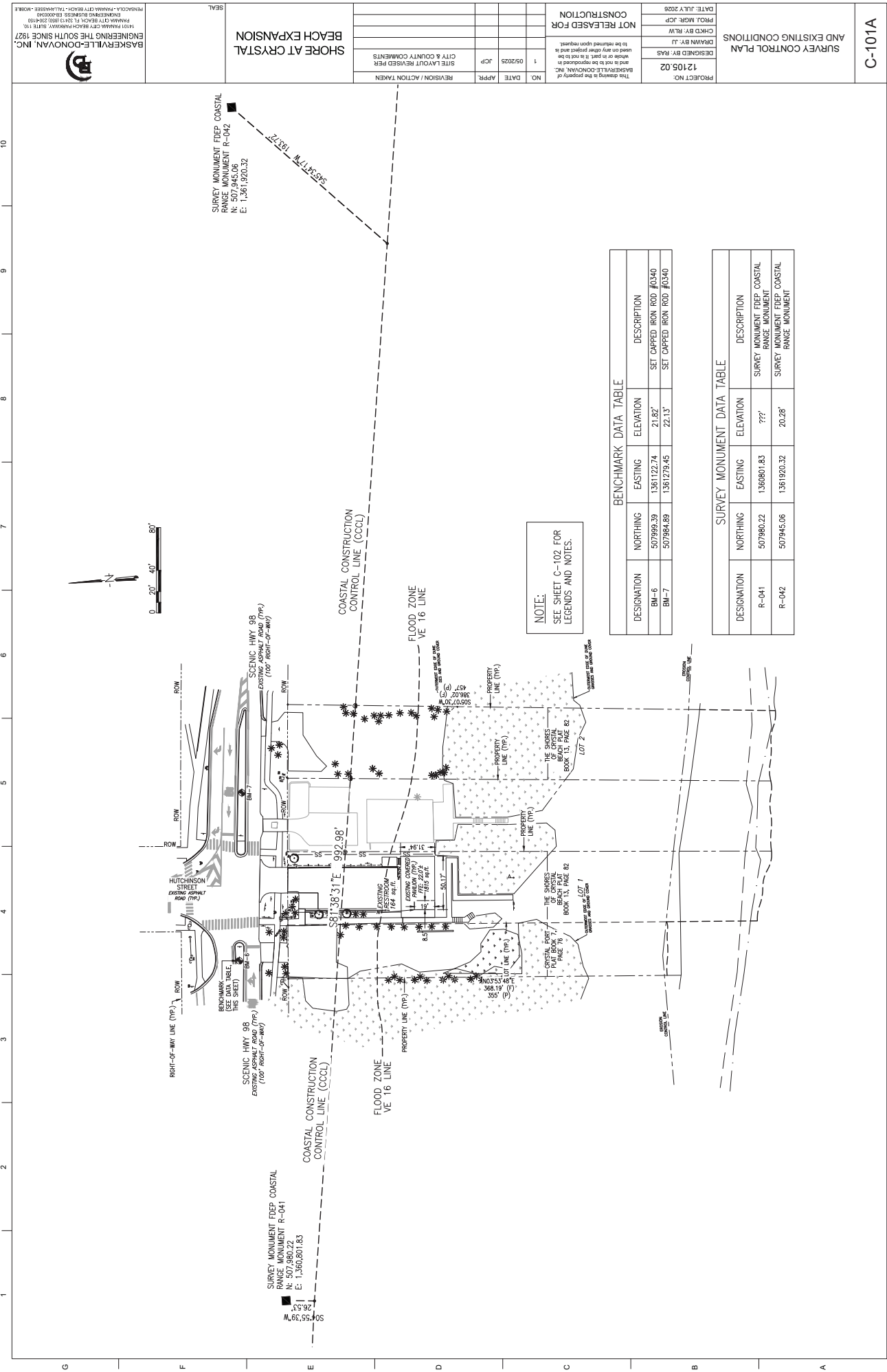
PROJECT OVERVIEW

PROJECT NO: 12105.02
DESIGNED BY: BASKERVILLE-DONOVAN, INC.
CHECKED BY: JCP
DATE: JULY 2025
PROJECT MGR: JCP
CITY: PALMER, ALABAMA
COUNTY: OKALOOSA
STATE: FLORIDA
FEDERAL HIGHWAY: 98
LOCAL ROAD: 98
PROJECT LOCATION: 12105.02 Shore at Crystal Beach Park
PROJECT DESCRIPTION: SHORE AT CRYSTAL BEACH EXPANSION

C-100

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L:\121 Okaloosa County\12105.02 Shore at Crystal Beach Park Amendment\DWG\12105.02-Project Overview.dwg, Jul 24, 2026 - 11:42:01AM, alucia



PROJECT NO. 12105.02

DESIGNED BY: RAS

DRAWN BY: JLP

PROJ. MGR: JLP

DATE: JULY 2026

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ENGINEERING THE SOUTH SINCE 1927
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1400 PANAMA CITY BEACH PARKWAY, SUITE 100
PENSACOLA, FL 32410 (904) 232-1810

SURVEY CONTROL PLAN AND EXISTING CONDITIONS

C-101A

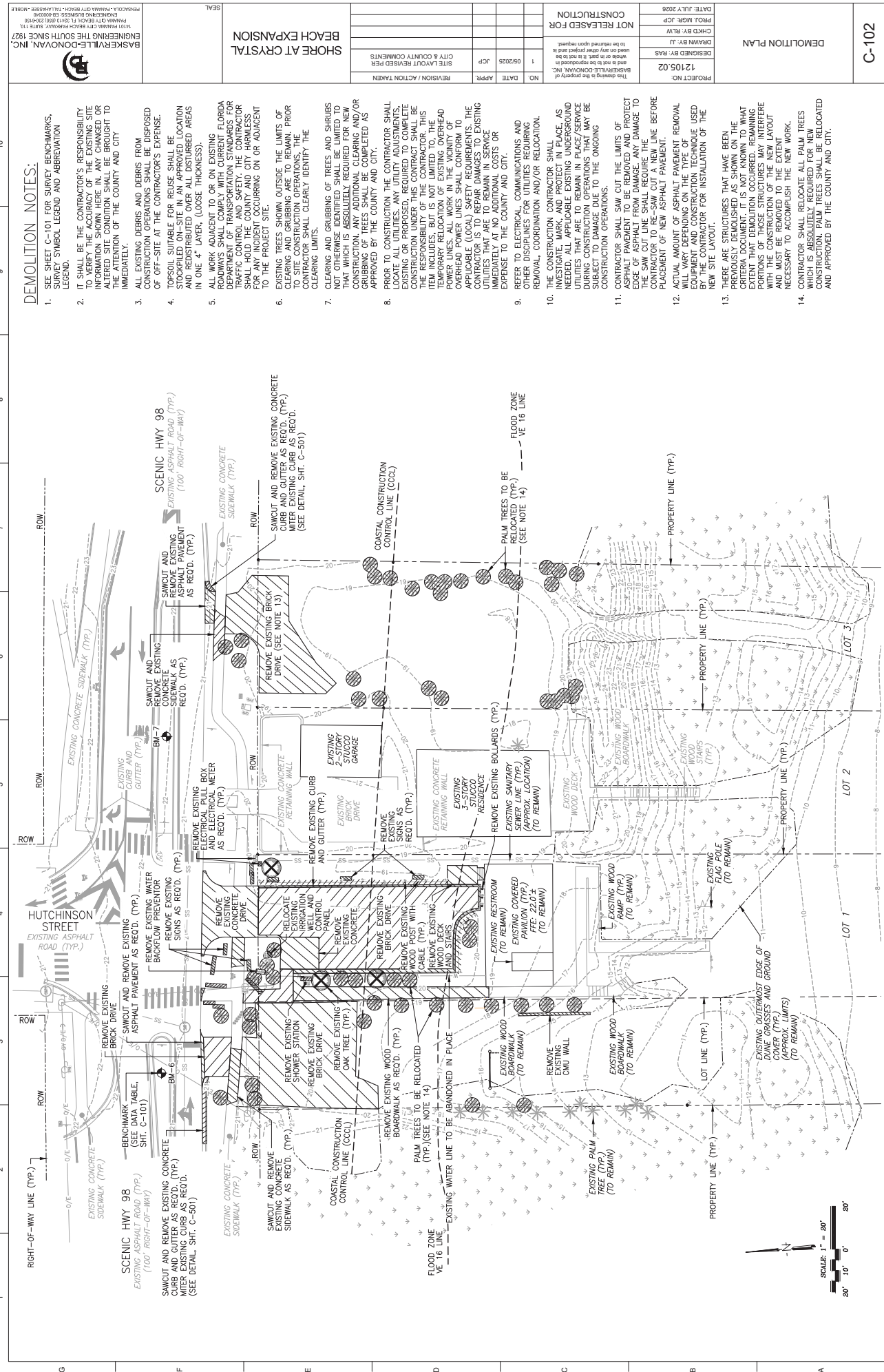
SURVEY CONTROL PLAN AND EXISTING CONDITIONS

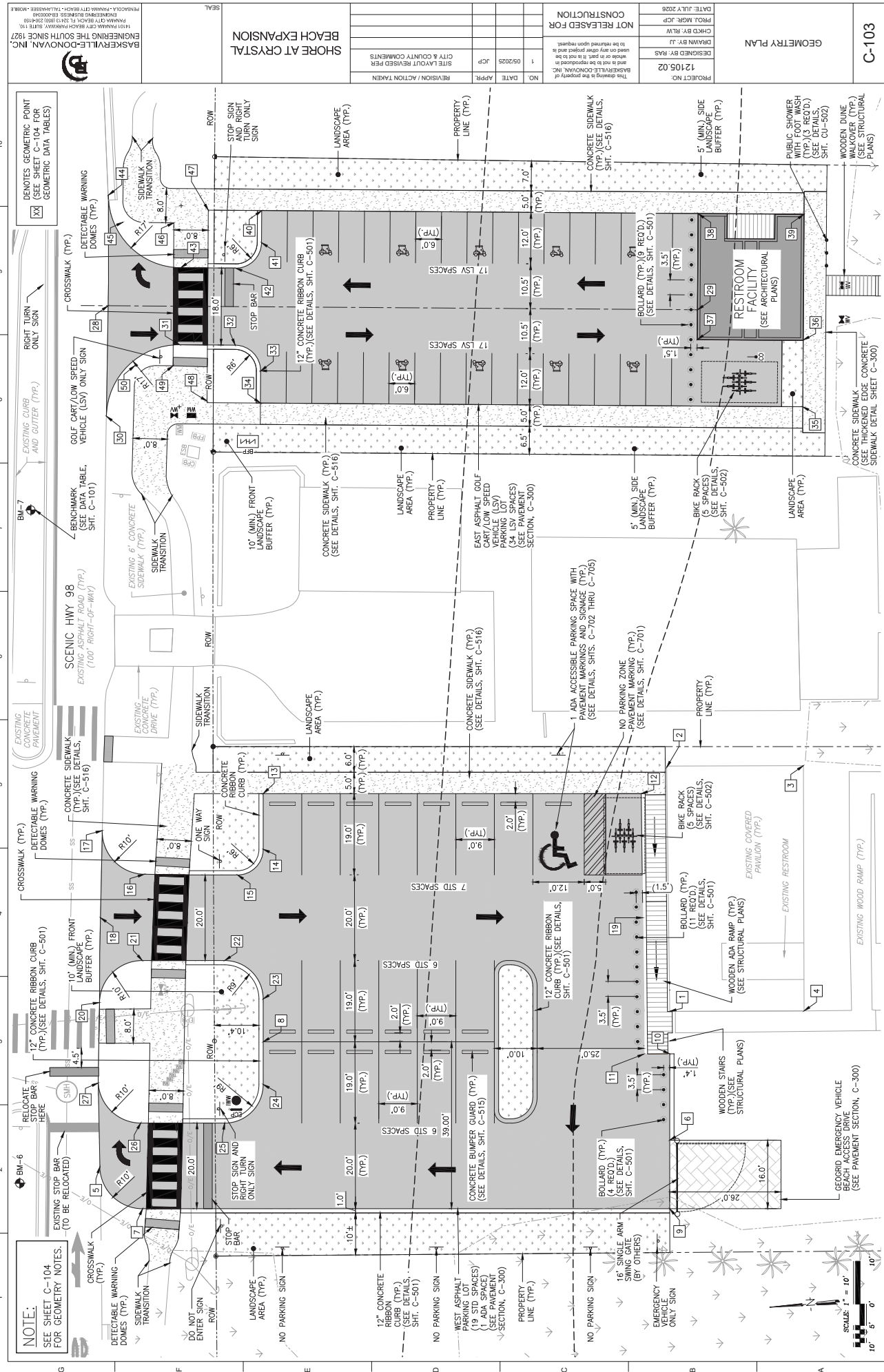
C-101A

BENCHMARK DATA TABLE		
DESIGNATION	NORTHING	EASTING
BM-6	507999.39	1361122.74
BM-7	507984.89	1361279.45

SURVEY MONUMENT DATA TABLE		
DESIGNATION	NORTHING	EASTING
R-041	507980.22	1360801.83
R-042	507945.06	1361920.32

NOTE:
SEE SHEET C-102 FOR
LEGENDS AND NOTES.





[illegible]

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C

B

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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.
- NORTHING AND EASTING COORDINATES BASED ON CENTER OF INLETS AND CENTER OF MANHOLES.
- PIPE LENGTHS SHOWN ARE FROM CENTER TO CENTER OF STRUCTURES.
- CONTRACTOR SHALL PROVIDE FDOT STORMDRAIN MANHOLE WITH WEED PREVENTION SCREENS AS SHOWN IN THE STORM DRAINAGE STRUCTURE DATA TABLE. SEE SHEETS C-513 AND C-514 FOR FDOT TYPE 8 STORMDRAIN MANHOLE DETAILS, SEE SHEETS C-503 THRU C-512 FOR ADS STORM TECH CHAMBER SYSTEM DETAILS, AND SEE SHEET C-513 FOR WEEP HOLE DETAILS.

[S-XX] DENOTES STORM DRAINAGE STRUCTURE (SEE TABLE FOR TYPE AND LOCATION)

[P-X] DENOTES STORM DRAINAGE PIPE (SEE TABLE FOR TYPE AND SIZE)

STORM DRAINAGE PIPE DATA TABLE						
PIPE NO.	SIZE [P-XX]	TYPE	LENGTH (FT)	SLOPE (%)	INV. US (FT)	INV. DS (FT)
P-1	15	RCP	80.78	0.5	13.20	12.80
P-2	15	RCP	37.34	0.5	14.50	14.31
P-3	15	RCP	36.00	0.5	15.50	15.37
P-4	15	RCP	13.40	0.75	15.37	15.27

INV. DS - DENOTES INVERT UP STREAM

INV. US - DENOTES INVERT DOWN STREAM

RCP - DENOTES REINFORCED CONCRETE PIPE

STORM DRAINAGE STRUCTURE DATA TABLE									
STRUCTURE NO. [S-XX]	TYPE	NORTHING	EASTING	TOP (T); GRADE (G); (FT)	NORTH INV. (FT)	SOUTH INV. (FT)	SOUTH WEST INV. (FT)	NORTH EAST INV. (FT)	
S-1	FDOT TYPE C GRATE INLET	507858.02	1361111.09	(G) 17.48	-	-	-	13.20	
S-2	FDOT TYPE C GRATE INLET	507866.48	1361174.87	(G) 18.70	14.50	-	-	-	
S-3 (SEE NOTE 9)	FDOT TYPE 8 STORMDRAIN MANHOLE WITH WEEP HOLE AND WEIR	507903.71	1361177.71	(T) 19.32	10.82	14.31	12.80	-	
S-4	FDOT TYPE C GRATE INLET	507843.25	1361315.73	(G) 19.80	15.50	-	-	-	
S-5	FDOT TYPE C GRATE INLET	507879.12	1361318.70	(G) 19.20	15.37	15.37	-	-	
S-6 (SEE NOTE 9)	FDOT TYPE 8 STORMDRAIN MANHOLE WITH WEEP HOLE AND WEIR	507892.46	1361319.84	(T) 19.36	10.94	15.27	-	-	

ADS - DENOTES ADVANCED DRAINAGE SYSTEM (ADS) PIPES FOR ADS STORM TECH CHAMBER SYSTEM. SEE DETAILS, SHTS. C-503 THRU C-512.

STORM DRAINAGE DATA
TABLES AND NOTES

PROJECT NO.: 12105.02
DESIGNED BY: PAS
DRAWN BY: JJ
CHKD BY: RLW
PROJ. MGR: JCP
DATE: JULY 2026

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SHORE AT CRYSTAL BEACH EXPANSION

SEAL



BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
1401 PANAMA CITY BEACH, FL 32413 (904) 230-1110
PANAMA CITY BEACH, FL 32413 (904) 230-1110
PENSACOLA - PANAMA CITY BEACH - TALLAHASSEE - MOBILE

C-107

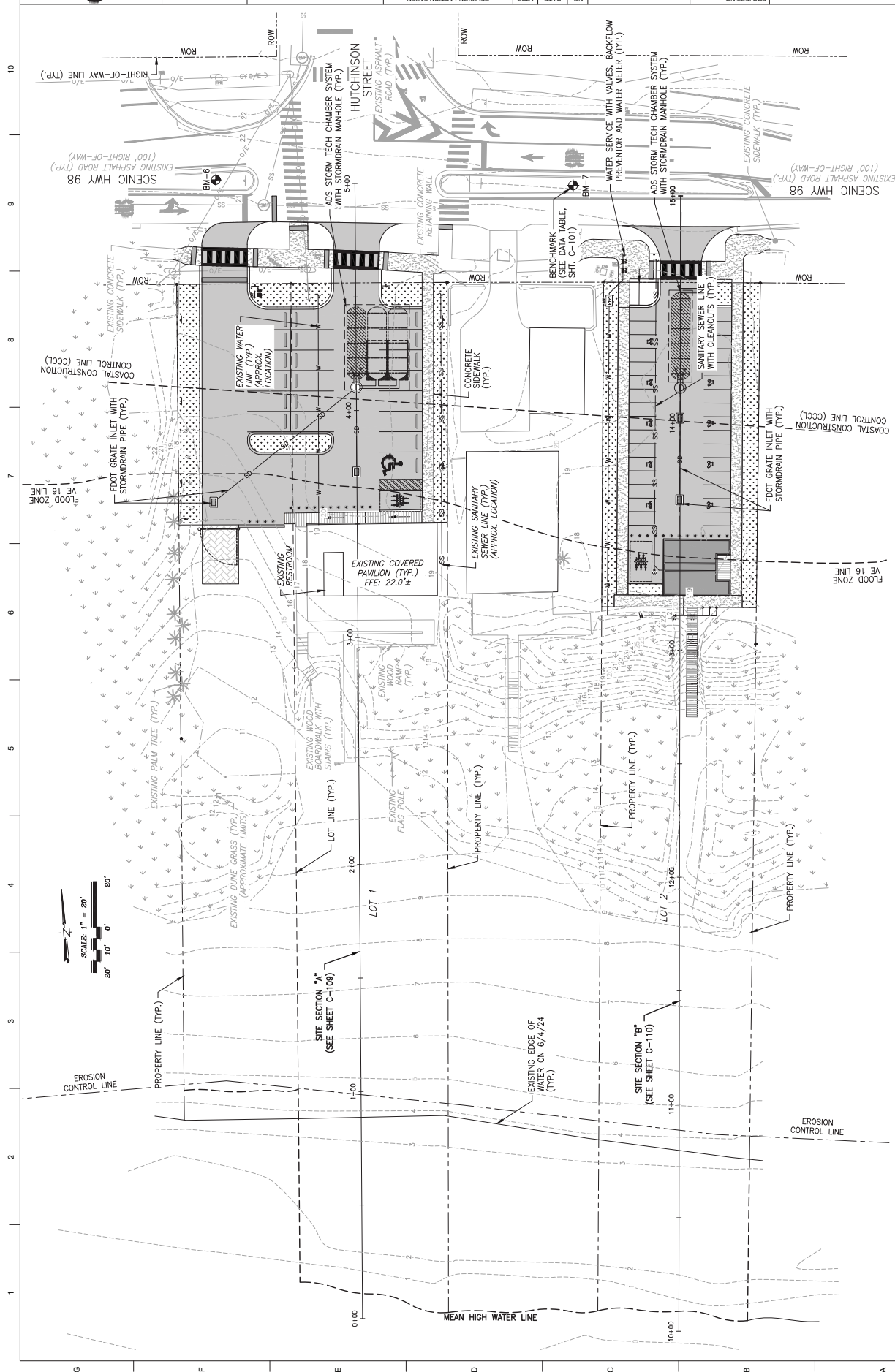
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DESIGNED BY:	RAS
DRAWN BY:	JJ
CHKD BY:	RLW
PROJ. MGR:	JCP
DATE:	JULY 2026

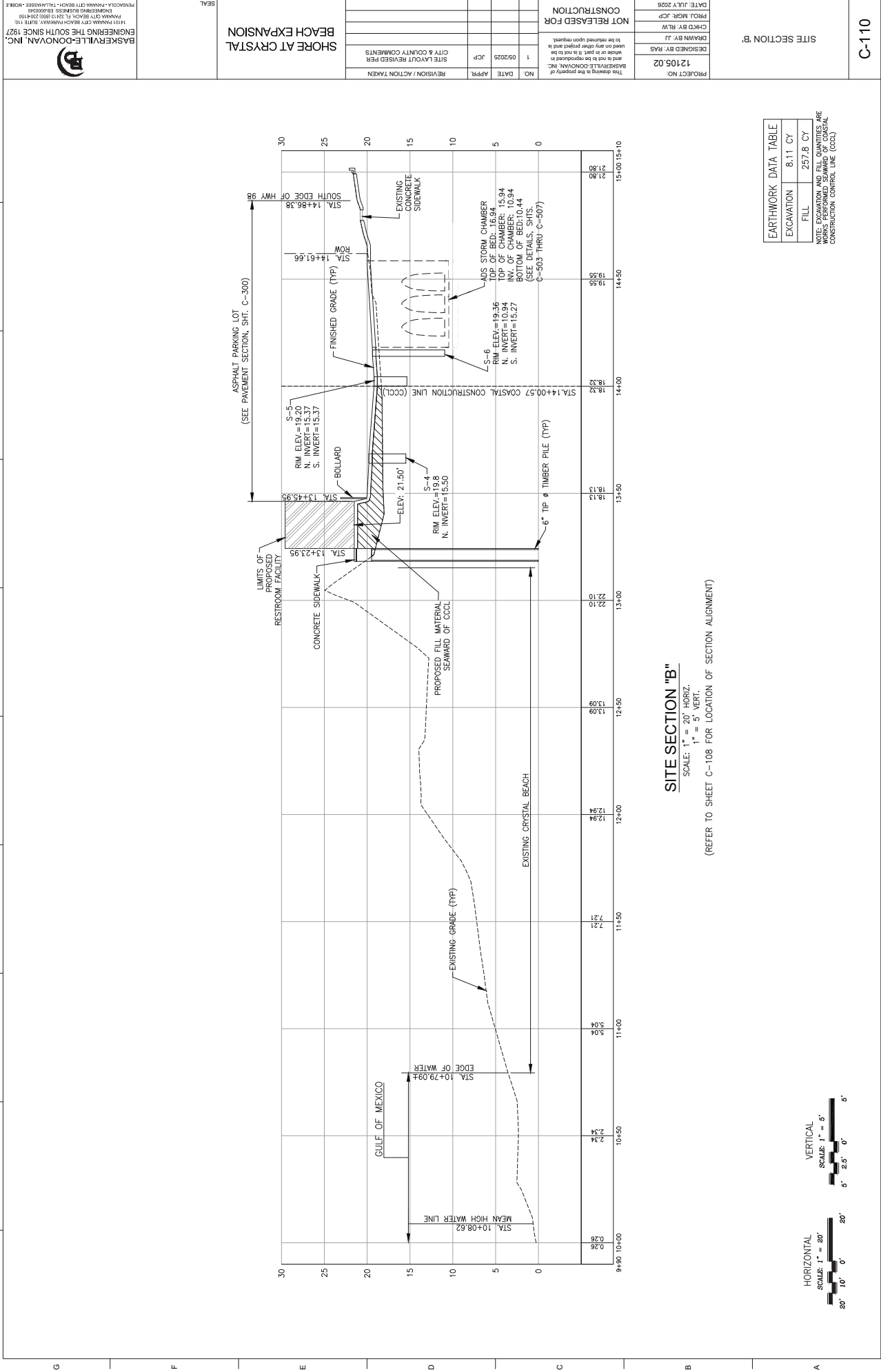
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SHORE AT CRYSTAL BEACH EXPANSION



BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927
14101 PANAMA CITY BEACH PARKWAY, SUITE 110,
PANAMA CITY BEACH, FL 32413 (905) 230-6150
ENGINEERING BUSINESS: EB-0000340
PENNSACOLA - PANAMA CITY BEACH - TALLAHASSEE - MOBILE



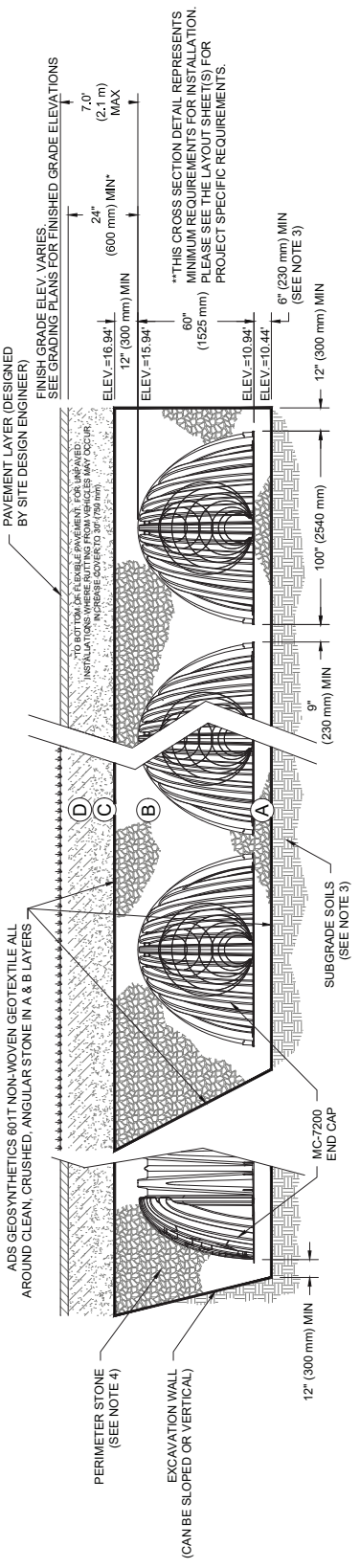


ACCEPTABLE FILL MATERIALS: STORMTECH MC-7200 CHAMBER SYSTEMS

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 M14S ¹ A-1, A-2-4, A-3 OR AASHTO M43 ¹ 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 76, 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, 4	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, 4	PLATE COMPACT OR ROLL TO ACHIEVE A FLAT SURFACE. ^{2,3}

PLEASE NOTE:

- 1. 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".
- 2. 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.
- 3. 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.
- 4. 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.
- 5. 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".



NOTES:

- 1. CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418. *STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS* CHAMBER CLASSIFICATION 60x101
- 2. MC-7200 CHAMBERS SHALL BE DESIGNED IN ACCORDANCE WITH ASTM F2787 "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS".
- 3. 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.
- 4. PERIMETER STONE MUST BE EXTENDED HORIZONTALLY TO THE EXCAVATION WALL FOR BOTH VERTICAL AND SLOPED EXCAVATION WALLS.
- 5. 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.



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



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Chamber System
888-892-2894 | WWW.STORMTECH.COM



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ENGINEERING THE SOUTH SINCE 1927
14101 PARKWAY DRIVE SUITE 100
FARMINGTON, CT 06030
TEL: 860-634-1100 FAX: 860-634-1101
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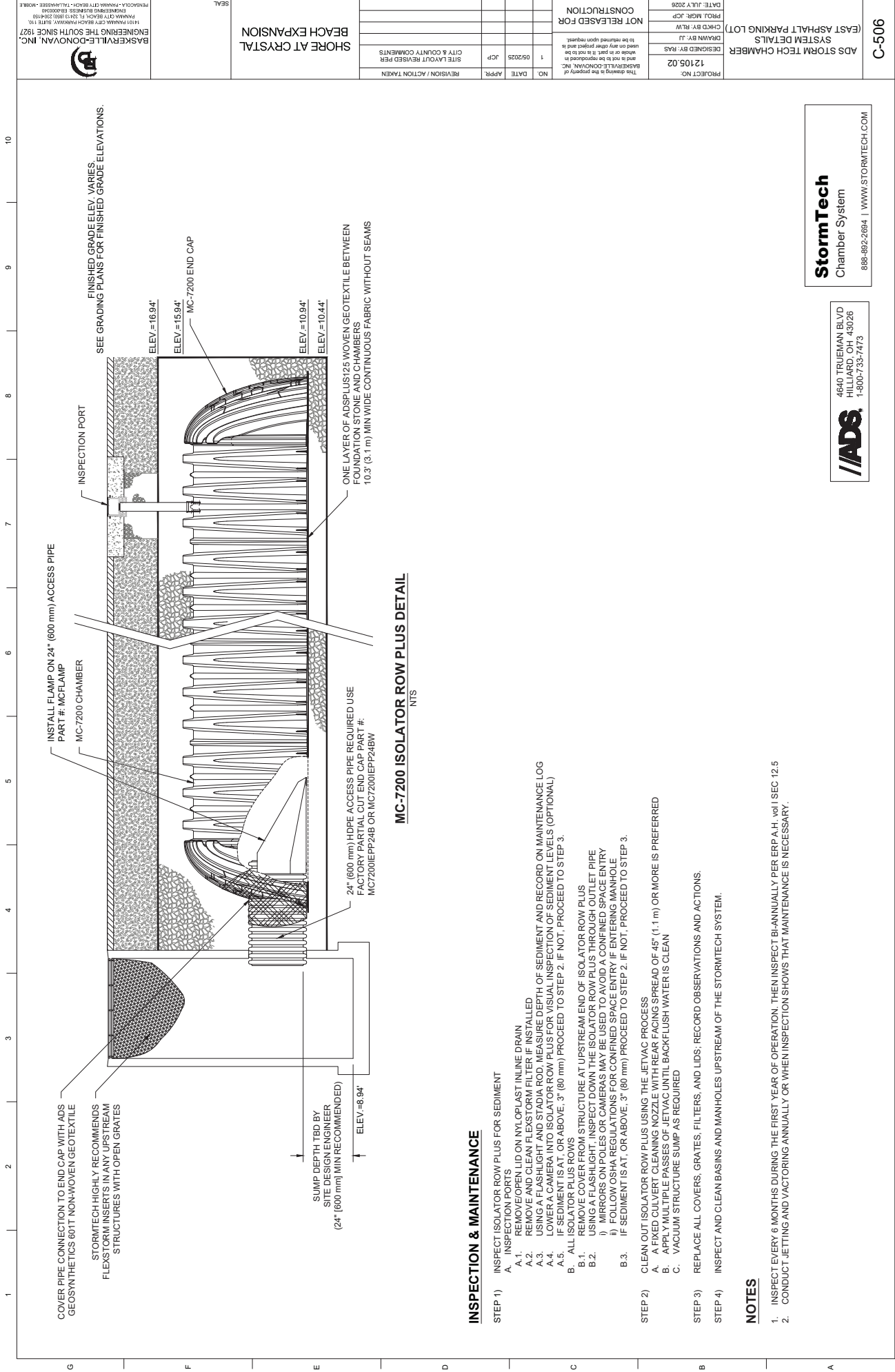
PROJECT NO.	12105.02
DESIGNED BY: RAS	
DRAWN BY: RLW	
PROJ. MGR: JCP	
DATE: JULY 2026	
NOT RELEASED FOR CONSTRUCTION	
1	06/20/25
NO.	DATE
APPR.	JCP
REVISION / ACTION TAKEN	
SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS	
SHORE AT CRYSTAL BEACH EXPANSION	
SEAL	

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INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS
 - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
 - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
 - B. ALL ISOLATOR PLUS ROWS
 - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
 - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
 - i) MIRRORS ON POLES OR CAMERAS MAY BE USED TO AVOID A CONFINED SPACE ENTRY
 - j) FOLLOW OSHA REGULATIONS FOR CONFINED SPACE ENTRY IF ENTERING MANHOLE
 - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEAN OUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FIXED CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
 - B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
 - C. VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS, RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.

NOTES

1. INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION, THEN INSPECT BI-ANNUALLY PER ERP A.H. vol I SEC 12.5
2. CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



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C-506

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

PROJECT NO:
12105.02
DESIGNED BY: RAS
DRAWN BY: JJ
CHKD BY: RLW
DATE: JULY 2026

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1	05/2025	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS

SHORE AT CRYSTAL
BEACH EXPANSION

SEAL



BASKERVILLE-CONAWAY, INC.
ENGINEERING THE SOUTH SINCE 1927
1401 HAMAKER CITY BEACH (PARKWAY) - SUITE 10,
PENSACOLA - PANAMA CITY BEACH - TALLAHASSEE - JOPLIN
ENGINEERING LICENSE: BR000000

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PROJECT INFORMATION	
ENGINEERED PRODUCT MANAGER	
ADS SALES REP	
PROJECT NO.	



CRYSTAL BEACH - WEST

DESTIN, FL, USA

MC-7200 STORMTECH CHAMBER SPECIFICATIONS

- CHAMBERS SHALL BE STORMTECH MC-7200.
- CHAMBERS SHALL BE ARCH-SHAPED AND SHALL BE MANUFACTURED FROM VIRGIN, IMPACT-MODIFIED POLYPROPYLENE COPOLYMERS.
- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418 "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 60x101.
- CHAMBER ROWS SHALL PROVIDE CONTINUOUS, UNOBSTRUCTED INTERNAL SPACE WITH NO INTERNAL SUPPORTS THAT WOULD IMPEDE FLOW OR LIMIT ACCESS FOR INSPECTION.
- THE STRUCTURAL DESIGN OF THE CHAMBERS, THE STRUCTURAL BACKFILL, AND THE INSTALLATION REQUIREMENTS SHALL ENSURE THAT THE LOAD FACTORS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, SECTION 12.12, ARE MET FOR: 1) LIVE LOAD, 2) SUBGRADE, 3) SURFACE LOAD, 4) WIND, 5) SEISMIC, 6) COLLISION, 7) IMPACT, 8) MULTIPLE VEHICLE PRESENCES.
- CHAMBERS SHALL BE DESIGNED, TESTED AND ALLOWABLE LOAD CONFIGURATIONS DETERMINED IN ACCORDANCE WITH ASTM F2787. "STANDARD PRACTICE FOR STRUCTURAL DESIGN OF THERMOPLASTIC CORRUGATED WALL STORMWATER COLLECTION CHAMBERS". LOAD CONFIGURATIONS SHALL INCLUDE: 1) INSTANTANEOUS (<1 MIN) AASHTO DESIGN TRUCK LIVE LOAD ON MINIMUM COVER 2) MAXIMUM PERMANENT (75-YR) COVER LOAD AND 3) ALLOWABLE COVER WITH PARKED (1-WEEK) AASHTO DESIGN TRUCK.
- 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.
- ONLY CHAMBERS THAT ARE APPROVED BY THE SITE DESIGN ENGINEER WILL BE ALLOWED. UPON REQUEST BY THE SITE DESIGN ENGINEER OR OWNER, THE CHAMBER MANUFACTURER SHALL SUBMIT A STRUCTURAL EVALUATION FOR APPROVAL BEFORE DELIVERING CHAMBERS TO THE PROJECT SITE AS FOLLOWS:
 - THE STRUCTURAL EVALUATION SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER.
 - THE STRUCTURAL EVALUATION SHALL DEMONSTRATE THAT THE SAFETY FACTORS ARE GREATER THAN OR EQUAL TO 1.95 FOR DEAD LOAD AND 1.75 FOR LIVE LOAD. THE MINIMUM REQUIRED BY ASTM F2787 AND BY SECTIONS 3 AND 12.12 OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR THERMOPLASTIC PIPE.
 - CHAMBERS SHALL BE USED FOR PERMANENT DEAD LOAD DESIGN EXCEPT THAT IT SHALL BE THE 75-YEAR MODULUS USED FOR DESIGN.
- CHAMBERS AND END CAPS SHALL BE PRODUCED AT AN ISO 9001 CERTIFIED MANUFACTURING FACILITY.
- MANIFOLD SIZE TO BE DETERMINED BY SITE DESIGN ENGINEER. SEE TECH NOTE #6-32 FOR MANIFOLD SIZING GUIDANCE. DUE TO THE ADAPTATION OF THIS CHAMBER SYSTEM TO SPECIFIC SITE AND DESIGN CONSTRAINTS, IT MAY BE NECESSARY TO CUT AND COUPLE ADDITIONAL PIPE TO STANDARD MANIFOLD COMPONENTS IN THE FIELD.
- ADS DOES NOT DESIGN OR PROVIDE MEMBRANE LINER SYSTEMS. TO MINIMIZE THE LEAKAGE POTENTIAL OF LINER SYSTEMS, THE MEMBRANE LINER SYSTEM SHOULD BE DESIGNED BY A KNOWLEDGEABLE GEOTEXTILE PROFESSIONAL AND INSTALLED BY A QUALIFIED CONTRACTOR.

NOTES

THE BASIS OF DESIGN FOR THE UNDERGROUND STORMWATER DETENTION SYSTEM IS THE ADS MC-7200 STORMTECH CHAMBER SYSTEM. IF A DIFFERENT UNDERGROUND STORMWATER DETENTION SYSTEM IS SELECTED, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THE OVERALL FUNCTION OF THE SYSTEM.

IMPORTANT - NOTES FOR THE BIDDING AND INSTALLATION OF MC-7200 CHAMBER SYSTEM

- STORMTECH MC-7200 CHAMBERS SHALL NOT BE INSTALLED UNTIL THE MANUFACTURER'S REPRESENTATIVE HAS COMPLETED A PRE-CONSTRUCTION MEETING WITH THE INSTALLERS.
- STORMTECH MC-7200 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
- CHAMBERS ARE NOT TO BE BACKFILLED WITH A DOZER OR EXCAVATOR SITUATED OVER THE CHAMBERS. STORMTECH MC-7200 CHAMBERS SHALL BE BACKFILLED WITH THE FOLLOWING:
 - STONE COATED WITH RUBBER, 1/2" TO 3/4" CHAMBER BED.
 - BACKFILL AS ROWS ARE BUILT USING AN EXCAVATOR ON THE FOUNDATION STONE OR SUBGRADE.
 - BACKFILL FROM OUTSIDE THE EXCAVATION USING A LONG BOOM HOE OR EXCAVATOR.
- THE FOUNDATION STONE SHALL BE LEVELED AND COMPACTED PRIOR TO PLACING CHAMBERS.
- JOINTS BETWEEN CHAMBERS SHALL BE PROPERLY SEATED PRIOR TO PLACING STONE.
- MAINTAIN MINIMUM - 9" (230 mm) SPACING BETWEEN THE CHAMBER ROWS.
- INLET AND OUTLET MANIFOLDS MUST BE INSERTED A MINIMUM OF 12" (300 mm) INTO CHAMBER END CAPS.
- EMBEDMENT STONE SURROUNDING CHAMBERS MUST BE A CLEAN, CRUSHED, ANGULAR STONE OR RECYCLED CONCRETE. AASHTO M43 #3, 4.
- STONE SHALL BE BROUGHT UP EVENLY AROUND CHAMBERS SO AS NOT TO DISTORT THE CHAMBER SHAPE. STONE DEPTHS SHOULD NEVER DIFFER BY MORE THAN 12" (300 mm) BETWEEN ADJACENT CHAMBER ROWS.
- STONE MUST BE PLACED ON THE TOP CENTER OF THE CHAMBER TO ANCHOR THE CHAMBERS IN PLACE AND PRESERVE ROW SPACING.
- THE CONTRACTOR MUST REPORT ANY DISCREPANCIES WITH CHAMBER FOUNDATION MATERIAL BEARING CAPACITIES TO THE SITE DESIGN ENGINEER.
- ADS RECOMMENDS THE USE OF "FLEXSTORM CATCH IT" INSERTS DURING CONSTRUCTION FOR ALL INLETS TO PROTECT THE SUBSURFACE STORMWATER MANAGEMENT SYSTEM FROM CONSTRUCTION SITE RUNOFF.

NOTES FOR CONSTRUCTION EQUIPMENT

- STORMTECH MC-7200 CHAMBERS SHALL BE INSTALLED IN ACCORDANCE WITH THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
 - THE USE OF EQUIPMENT OVER MC-7200 CHAMBERS IS LIMITED:
 - NO EQUIPMENT IS ALLOWED ON BARE CHAMBERS.
 - NO RUBBER Tired LOADER, DUMP TRUCK, OR EXCAVATORS ARE ALLOWED UNTIL PROPER FILL DEPTHS ARE REACHED IN ACCORDANCE WITH THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
 - WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT CAN BE FOUND IN THE "STORMTECH MC-7200 CONSTRUCTION GUIDE".
 - FULL 36" (900 mm) OF STABILIZED COVER MATERIALS OVER THE CHAMBERS IS REQUIRED FOR DUMP TRUCK TRAVEL OR DUMPING.
- USE OF A DOZER TO PUSH EMBEDMENT STONE BETWEEN THE ROWS OF CHAMBERS MAY CAUSE DAMAGE TO CHAMBERS AND IS NOT AN ACCEPTABLE METHOD. ANY CHAMBERS DAMAGED BY USING THE "DUMP AND PUSH" METHOD ARE NOT COVERED UNDER THE STORMTECH'S STANDARD WARRANTY.**
- CONTACT STORMTECH AT 1-800-821-6710 WITH ANY QUESTIONS ON INSTALLATION REQUIREMENTS OR WEIGHT LIMITS FOR CONSTRUCTION EQUIPMENT.



4640 TRUEMAN BLVD
HILLIARD, OH 43026
1-900-733-7473



888-982-2684 | WWW.STORMTECH.COM

1101 N. HAWAII CITY BLVD, SUITE 110
HAWAII CITY, MO 64118 (800) 234-1040
ENGINEERING SINCE 1827

BRASERVILLE-DONOVAN, INC.

SEAL

SHORE AT CRYSTAL BEACH EXPANSION

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

NOT RELEASED FOR CONSTRUCTION	
DESIGNED BY: RAS	
CHWD BY: RLW	
PRD. MGR. JCP	
DATE: JULY 2028	

PROJECT NO.	12105.02
DESIGNED BY: RAS	
CHWD BY: RLW	
PRD. MGR. JCP	
DATE: JULY 2028	

ADS SYSTEM TECH CHAMBER SYSTEM NOTES	
WEST ASPHALT PARKING LOT	

C-508



BASKERVILLE-DONOVAN, INC.
ENGINEERING THE SOUTH SINCE 1927

14101 PAMUNKA CITY BEACH PARKWAY, SUITE 110,
PAMUNKA CITY BEACH, FL 33413 (850) 230-6150
ENGINEERING BUSINESS: EB-00000340
PENSACOLA - PAMUNKA CITY BEACH - TALLAHASSEE - MOBILE

SHORE AT CRYSTAL BEACH EXPANSION

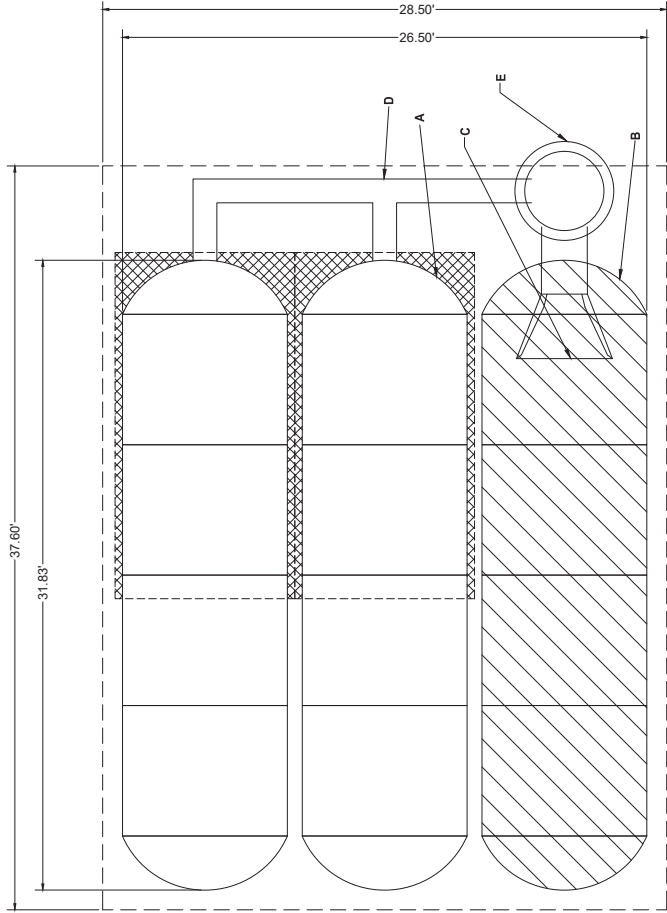
NO.	DATE	APPR.	REVISION / ACTION TAKEN
1	05/2025	JCP	SITE LAYOUT REVISED PER CITY & COUNTY COMMENTS

NOT RELEASED FOR CONSTRUCTION

PROJECT NO:	12105.02
DESIGNED BY:	RAS
DRAWN BY:	JJ
CHKD BY:	RLW
PROJ. MGR:	JCP
DATE:	JULY 2026

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

C-509	LEASED FOR BID
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[illegible]

ISOLATOR ROW PLUS
(SEE DETAIL)

PLACE MINIMUM 17.50'
STONE AND UNDERNEATH
CHAMBER INLET ROWS

— — — — — BED LIMITS

StormTech
Chamber System

888-892-2694 | WWW.STORMTECH.COM

//ADS[®]
4640 TRUEMAN BLVD
HILLIARD, OH 43026
1-800-733-7473

NOTES

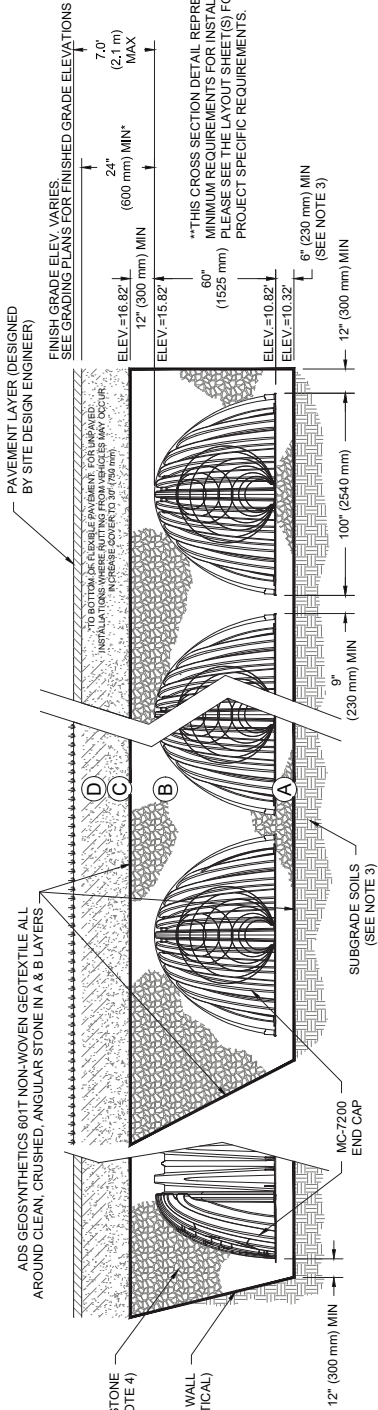
L:\121 Okaloosa County\12105.02 Shore at Crystal Beach Park Amendment\DWG\12105.02 Storm Chamber Detail_West.dwg, Jul 24, 2026 - 3:08:33PM, slucia

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.	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.	AASHTO M145 ¹ A-1, A-2-4, A-3 OR AASHTO M43 ³ 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 ²	NO COMPACTION REQUIRED.
A		FOUNDATION STONE: FILL BELOW CHAMBERS FROM THE SUBGRADE UP TO THE FOOT (BOTTOM) OF THE CHAMBER.	AASHTO M43 ³ 3, 4	

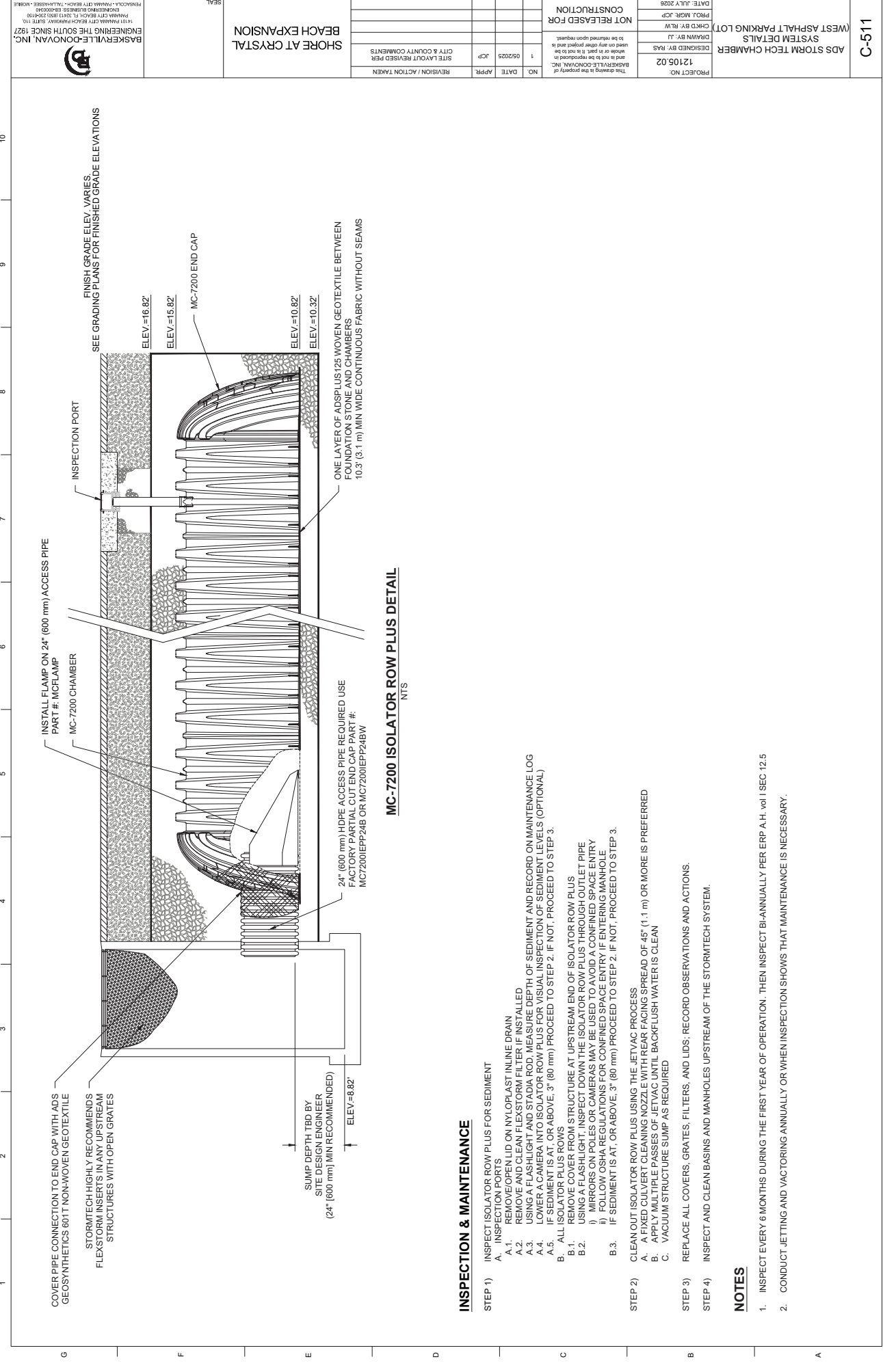
PLEASE NOTE:

- 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 COMPACTOR EQUIPMENT. FOR SPECIAL LOAD DESIGNS, CONTACT STORMTECH FOR ADDITIONAL REQUIREMENTS.
- WHERE KEY PLACEMENT OF 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".



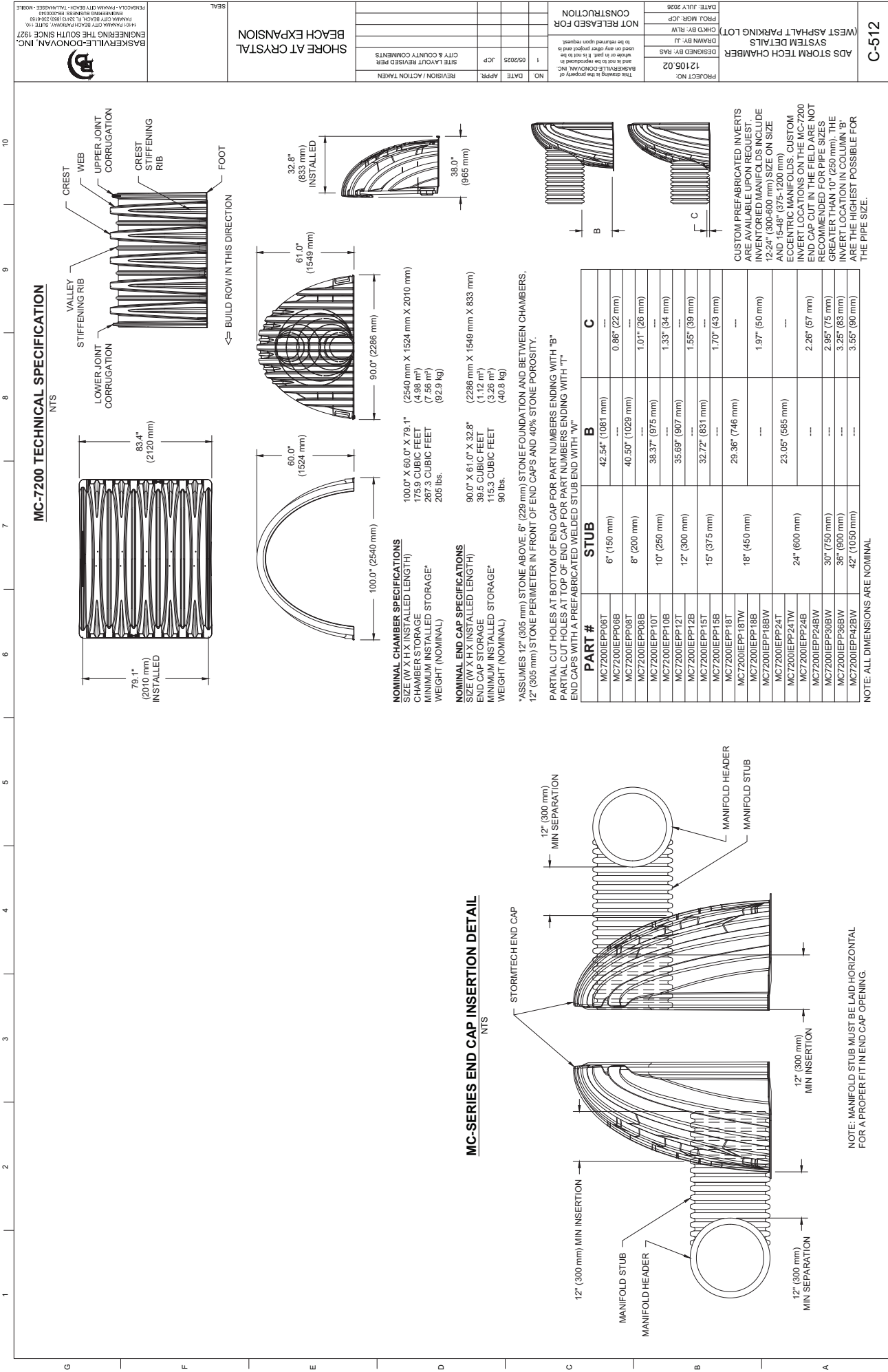
NOTES:

- CHAMBERS SHALL MEET THE REQUIREMENTS OF ASTM F2418. "STANDARD SPECIFICATION FOR POLYPROPYLENE (PP) CORRUGATED WALL STORMWATER COLLECTION CHAMBERS" CHAMBER CLASSIFICATION 80x101
- 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.



INSPECTION & MAINTENANCE

- STEP 1) INSPECT ISOLATOR ROW PLUS FOR SEDIMENT
- A. INSPECTION PORTS
 - A.1. REMOVE/OPEN LID ON NYLOPLAST INLINE DRAIN
 - A.2. REMOVE AND CLEAN FLEXSTORM FILTER IF INSTALLED
 - A.3. USING A FLASHLIGHT AND STADIA ROD, MEASURE DEPTH OF SEDIMENT AND RECORD ON MAINTENANCE LOG
 - A.4. LOWER A CAMERA INTO ISOLATOR ROW PLUS FOR VISUAL INSPECTION OF SEDIMENT LEVELS (OPTIONAL)
 - A.5. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
 - B. ALL ISOLATOR PLUS ROWS
 - B.1. REMOVE COVER FROM STRUCTURE AT UPSTREAM END OF ISOLATOR ROW PLUS
 - B.2. USING A FLASHLIGHT, INSPECT DOWN THE ISOLATOR ROW PLUS THROUGH OUTLET PIPE
 - B.3. IF SEDIMENT IS AT, OR ABOVE, 3" (80 mm) PROCEED TO STEP 2. IF NOT, PROCEED TO STEP 3.
- STEP 2) CLEANOUT ISOLATOR ROW PLUS USING THE JETVAC PROCESS
- A. A FINE CULVERT CLEANING NOZZLE WITH REAR FACING SPREAD OF 45° (1.1 m) OR MORE IS PREFERRED
 - B. APPLY MULTIPLE PASSES OF JETVAC UNTIL BACKFLUSH WATER IS CLEAN
 - C. VACUUM STRUCTURE SUMP AS REQUIRED
- STEP 3) REPLACE ALL COVERS, GRATES, FILTERS, AND LIDS; RECORD OBSERVATIONS AND ACTIONS.
- STEP 4) INSPECT AND CLEAN BASINS AND MANHOLES UPSTREAM OF THE STORMTECH SYSTEM.
- NOTES
- INSPECT EVERY 6 MONTHS DURING THE FIRST YEAR OF OPERATION. THEN INSPECT BI-ANNUALLY PER ERP A.H. vol I SEC 12.5
 - CONDUCT JETTING AND VACTORING ANNUALLY OR WHEN INSPECTION SHOWS THAT MAINTENANCE IS NECESSARY.



OPERATIONS & MAINTENANCE INSTRUCTIONS
FOR THE
CRYSTAL BEACH PARK
STORMWATER MANAGEMENT SYSTEM

I. GENERAL:

Stormwater Management Systems require periodic maintenance to ensure that the facilities function as designed.

II. FACILITY OPERATION

This facility is located within the MS4 limits of the City of Destin and was confirmed to fall under their responsibility by City Engineer Robert Tomasek, PE. Stormwater systems normally do not require any kind of operational tasks. Most systems function by the force of gravity. The facility for this site consists of two infiltration basins with appurtenant inlets and piping for stormwater runoff collection and conveyance. Based on the expected land use, it is possible that fats, oils, and greases (FOG) maybe collected by the stormwater system. These shall be trapped by the ADS baffle/"flap" and cleaned during inspection as part of regular maintenance.

III. FACILITY COMPONENTS & MAINTENANCE

A full component list is included at the end of this O&M Plan. Facilities within this project which will require maintenance include the following:

1. Underground storm retention chambers
2. Inlets and piping systems

A. Underground Storm Detention Chambers

1. Inspection and Maintenance for all isolator plus rows
 - a. Remove cover from structure at upstream end of isolator row plus.
 - b. Using a flashlight, inspect down the isolator row plus for visual inspection of sediment levels.
 - i. Mirrors on poles and cameras may be used to avoid confined space entry.
 - ii. Follow all OSHA regulations for confined space entry into the manhole.
 - iii. Inspector to inspect for (FOG) buildup in the ADS baffle/"flap"
 - c. If sediment buildup is at, or above 3", cleanout the isolator row plus using the jetvac process.
 - i. Use a fixed culvert cleaning nozzle with rear facing spread of 45" or more.
 - ii. Apply multiple passes of the jetvac until backflush water is clean.
 - iii. Vacuum the structure sump as required to remove sediment.
 - d. Replace manhole lid and record observations and actions performed.

B. Inlets and Piping Systems

1. Regular Maintenance

- a. Keep inlets and the surrounding drainage area clean and free of any trash and debris which may degrade the system.
- b. Following rainfall events, inspect drainage structures and note any standing water inside structures which may indicate a blockage within the drainage system.

2. Restoration

- a. When a blockage within the drainage system is apparent, inspect the pipes and structures by visual inspection, snaking or video camera, whichever is appropriate.
- b. Remove any blockage using a pressure water system.
- c. Remove all soil and debris from the bottom of inlets.
- d. Repair failures in the drainage structures or pipe network. Depressed areas in the ground above the pipe network or adjacent to drainage structures may indicate possible failures in the drainage system.

IV. INSPECTION

A. Reporting

Regular inspection of the stormwater management system shall be performed by a registered professional as outlined in these instructions and required by the rules and permit governing the operation of the stormwater management facility. A report describing the results of inspections and certifying that the system is operating as designed and permitted, must be filed with the FDEP within 30 days after the inspection. In the event of a system failure, a report shall be submitted to the FDEP within 30 days of the failure. The results of all inspections shall be filed with the FDEP using Form "Operation and Maintenance Inspection Certification".

B. Frequency

1. Underground Storm Retention Chambers: Inspect every 6 months for the first year of operation. Adjust the inspection interval based on previous observations of sediment accumulation and high-water elevation. Conduct jetting and vactoring annually or as often as inspection shows that maintenance is necessary.
2. Periodic replacements of the Stormtech Systems shall be conducted every 5 to 10 years, as required in ERP A.H. Vol II Section 5.1.1.
3. Other routine inspections shall be performed as required by table 12-1 in Section 12.5 of the FDEP Applicant's Handbook Volume I to ensure the proper operation of the stormwater management system and in accordance with the conditions of the stormwater permit. Underground retention systems are required to be inspected once every 2 years.

- C. Periodic replacement of exfiltration systems may be required every five to ten years per Section 5.1.1 of the ERP A.H. Vol II and is considered routine maintenance.



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Office of Resilience and Coastal Protection
Coastal Construction Control Line Program
2600 Blair Stone Road - Mail Station 3522
Tallahassee, Florida 32399-2400
(850) 245-8570

PERMIT NUMBER: OK000570

PERMITTEE

City of Destin
c/o Jeffrey C. Petermann, P. E.
Baskerville-Donovan, Inc.
1418 West 23rd Street, Suite 200
Panama City, Florida 32405

**NOTICE TO PROCEED AND PERMIT FOR CONSTRUCTION OR OTHER ACTIVITIES
PURSUANT TO SECTION 161.053, FLORIDA STATUTES**

FINDINGS OF FACT: An application for authorization to conduct the activities seaward of the coastal construction control line that are indicated in the project description, was filed by the applicant/permittee named herein on December 10, 2024 and was determined to be complete pursuant to rule on April 16, 2026. The proposed major structures are to be located landward of the 30-year erosion projection and landward of the existing line of construction established by major structures in the immediate area.

CONCLUSIONS OF LAW: After considering the merits of the proposal and any written objections from affected persons, the Department finds that upon compliance with the permit conditions, the activities indicated in the project description of this permit are of such a nature that they will result in no significant adverse impacts to the beach/dune areas or to adjacent properties; that the work is not expected to adversely impact nesting sea turtles, their hatchlings, or their habitat; that the work is expendable in nature and/or is appropriately designed in accordance with Section 62B-33.005, Florida Administrative Code. Based on the foregoing considerations, the Department approves the application; authorizes construction and/or activities at the location indicated below in strict accordance with the project description, the approved plans (if any) and the General Permit Conditions which are by this reference incorporated herein, and any additional conditions shown below, pursuant to Section 161.053(4), Florida Statutes.

EXPIRATION DATE: July 14, 2029

LOCATION: Between approximately 305 feet and 560 feet east of the Department of Environmental Protection's reference monument R-41, in Okaloosa County. Project address: 2942, 2966, and 2970 Scenic Highway 98, Destin.

PROJECT DESCRIPTION:

Restroom Facility

1. Location relative to control line: A maximum of 77.0 feet seaward.
2. Exterior dimensions: A maximum of 24.6 feet in the shore-normal direction by a maximum of 29.3 feet in the shore-parallel direction.
3. Type of foundation: Pile.

West Asphalt Parking Lot

1. Location relative to control line: Approximately 57.0 feet seaward.
2. Exterior dimensions: Approximately 106.1 feet in the shore-normal direction by approximately 97.0 feet in the shore-parallel direction.

East Asphalt Parking Lot

1. Location relative to control line: Approximately 73.0 feet seaward.
2. Exterior dimensions: Approximately 121.8 feet in the shore-normal direction by approximately 45.0 feet in the shore-parallel direction.

Excavation/Fill

1. Total volume of excavation seaward of the control line: Approximately 232 cubic yards.
2. Location of excavation: Within the footprint of the proposed development to an approximate distance of 57 feet seaward of the control line.
3. Maximum depth of excavation: To foundation installation depths.
4. Volume of fill to be placed: Approximately 415 cubic yards.
5. Location of fill to be placed: Predominantly within the footprint of the proposed development to an approximate distance of 110 feet seaward of the control line.

Other Structures and Activities

1. A 6-foot-wide wooden dune walkover on the east parcel, as shown on the approved plans.
2. A geogrid emergency vehicle beach access drive on the west parcel, as shown on the approved plans.
3. Concrete sidewalks are to be located adjacent to the parking lots, as shown on the approved plans.
4. A wooden ramp and stairs are to be located landward of the existing covered pavilion on the west parcel, as shown on the approved plans.
5. Landscape plantings, to include native salt-tolerant vegetation.
6. Exterior lighting.

SPECIAL PERMIT CONDITIONS:

1. Prior to commencement of construction activity authorized by this permit, a preconstruction conference shall be held at the site among the contractor, the owner or authorized agent, and a staff representative of the Department to establish an understanding among the parties as to the items specified in the special and general conditions of the permit. The proposed locations of the structures shall be staked out for the conference. **Contact Marina Foote at (850) 519-0954 or email at marina.foote@floridadep.gov to schedule a conference.**
2. Prior to commencement of construction activity authorized by this permit, a temporary construction fence shall be erected along the perimeter of the permitted activity. The fence shall remain in place until the construction authorized by this permit is complete. The optimum siting of the construction fence shall be determined during the preconstruction conference by the staff representative so as to provide maximum protection to the existing native vegetation and dune features located on the site.
3. All sandy material excavated seaward of the control line shall be maintained on site seaward of the control line.
4. Any imported fill material shall be obtained from a source landward of the control line. All fill material (both excavated from the site and imported) shall consist of sand which is similar to that already on the site in both grain size and coloration and shall meet the requirements of Rule 62B-33.005(7), F.A.C. This fill material shall be free of construction debris, rocks, or other foreign matter. A sample of the sand shall be provided to the staff representative during the preconstruction conference.
5. Plantings shall conform to the approved planting plan. Removal of invasive plant species and landscape and dune enhancement plant installation shall not cause the removal of existing salt-tolerant native vegetation.
6. No construction, operation, transportation, or storage of equipment or materials is authorized during May 1 through October 31 on any part of the sandy beach or on or seaward of the frontal dune.
7. All activity shall be confined to daylight hours. No temporary lighting of the construction area is authorized at any time during the marine turtle nesting season.
8. All activities shall avoid marked marine turtle nests including those that may be on the beach before or after the marine turtle nesting season. Any impacts to nests that may have inadvertently occurred or if a marine turtle nest is exposed, or a dead, injured, or sick marine turtle is discovered, the Permittee shall ensure that the Marine Turtle Permit Holder be notified immediately such that appropriate conservation measures can be taken. Within 24 hours of any such occurrence, the Permittee shall submit a report detailing the incident (e.g., date, time, permit number, location, photos, contact information, incident and response descriptions) to the FWC at MarineTurtle@MyFWC.com.
9. All debris (including rocks, sandbags, construction materials, etc.) shall be removed and disposed of in a location landward of the Coastal Construction Control Line. All temporary disturbances in the sand (including, but not limited to, ruts, depressions, mounds, etc.) resulting from work activities shall be filled in and raked smooth after project completion.

10. The dune walkover shall be set at a minimum elevation for stringers and cross members to be installed without requiring excavation of existing dune topography. Width of the walkover deck shall not exceed 6 feet. Posts for the walkover structure shall not be greater than 6 inches wide or 6 inches in diameter, must be embedded a minimum of 5 feet and shall not be encased in concrete. The structure shall be designed to minimize debris generation from pickets and other non-structural members. Walkovers shall extend at least up to the existing line of vegetation but not farther than 10 feet seaward of the vegetation. The optimum siting of the walkover structure shall be determined by the staff representative during the preconstruction conference to provide maximum protection to the existing dune topography and vegetation located on the site.
11. To reduce the risk of marine turtle entrapment, walkover structures shall have three (3) feet of vertical clearance beneath them and at least five (5) feet of horizontal clearance where they meet the beach. The vertical clearances include support bracing, as well as stairs and ramps. The horizontal clearances include between support pilings, and between stair blocking and pilings. Where these clearances cannot be met (such as under the stairs or ramp), blocking with appropriate materials shall be used to preclude marine turtle, including hatchling, access. The blocking material shall be buried a minimum of one foot into the sand and be properly secured to the bottom of the walkover and support posts. These clearances shall be maintained if the elevation of the beach rises or lowers after construction.
12. A preconstruction conference shall be held prior to the electrical rough-in for installation of exterior lights, and include the electrician or electrical contractor, the owner or authorized agent and staff representatives of the Department and the FWC. The permittee shall contact the FWC at MarineTurtle@MyFWC.com for scheduling the conference, providing at least five (5) business days advance notice prior to the conference. A copy of the permitted exterior lighting plan shall be made available on site for the meeting and shall remain on site for consultation during the electrical installation. Requests to modify the permitted exterior lighting plan will not be approved during or after the preconstruction meeting except as specified in the special conditions of this permit. Provisions shall be made for FWC staff to attend virtually or by phone. If the electrician or electrical contractor responsible for the installation of exterior lights is not available for the initial preconstruction conference, a construction conference shall be held at the site among the parties identified above prior to commencement of construction for any exterior lighting authorized by this permit.
13. All permanent exterior lighting shall be installed and maintained as depicted on the Department approved lighting drawings, tables and cut sheets additionally stamped by FWC staff, signed, and dated November 12, 2025. No substitutions, alterations, or modifications to the approved lighting plan are allowed. Additional exterior lighting (permanent or temporary, including, but not limited to, construction, special event lighting, etc.) is prohibited on any structure or in the landscape of the project area unless otherwise authorized in an approved lighting plan. If during construction, an approved fixture or lamp needs to be changed to a different type, manufacturer or catalog number for any reason, or if the location of any approved fixture needs to be changed, it shall be submitted for review and approval by the Department prior to installation. There may be a decrease in the wattage of an approved lamp and/or a decrease in the total number of each approved fixture without submitting a modified lighting plan for review and approval.
14. The permit holder shall arrange for a site inspection by Department and FWC staff within thirty (30) days of the completion of all construction activities, including the installation of all exterior lights, by sending notification to MarineTurtle@MyFWC.com. The permit holder agrees to allow access to the site for the FWC representatives to conduct day and nighttime exterior light site inspections upon 48-hour notice of the intent to inspect. If any of the lights become visible from the nesting beach at any time during the duration of this permit, they may be required to be modified.

15. Within thirty (30) business days after FWC has verified to the Department and the permittee that lighting is installed as indicated on approved plans and is not visible from the nesting beach, the permittee shall install marine turtle lighting educational sign(s) at each permitted major coastal structure with an approved lighting plan for exterior lights. A copy of the Department and the FWC approved sign can be obtained at https://myfwc.com/media/18008/seaturtle_lightingsign.jpg. The sign(s) must be a minimum size of 11 inches by 14 inches and made of durable weatherproof material. The sign(s) must be located near or on each permitted major structure, in centralized areas of high foot traffic visible to most occupants or guests, and should be replaced if they become faded, damaged, or outdated.
16. In accordance with F.A.C. 62B-33.0155(1)(n), the use of tinted glass or window film with a maximum transmittance value of 45% or less must be used for all non-opaque doors, windows, walls, balconies, deck railings, and windows visible from the any point on the beach, including seaward and lateral sides of the structure.
17. Permittee shall submit compliance reports as specified in Special and General Permit Conditions of this permit. General Permit Condition 1(r) pertains to a written report which must be submitted to the Department of Environmental Protection at a specified time. The form for the report: 1(r) **Final Certification** (DEP Form 73-115B) is available at the website: <https://floridadep.gov/rcp/coastal-construction-control-line/content/coastal-construction-control-line-cccl-forms>. The form may be submitted electronically to the CCCL mailbox at CCCL@dep.state.fl.us. The final certification report (DEP Form No. 73-115B) shall include a statement from the project engineer, architect, or lighting designer that all permanent exterior lighting has been installed as depicted on stamped, approved lighting schematic and cut sheets approved by the Department. A copy of the report on this form that is submitted to the Department shall also be submitted to the FWC by email to MarineTurtle@MyFWC.com.

GENERAL PERMIT CONDITIONS:

(1) The following general permit conditions shall apply, unless waived by the Department or modified by the permit:

(a) The permittee shall carry out the construction or activity for which the permit was granted in accordance with the plans and specifications that were approved by the Department as part of the permit. Deviations therefrom, without written approval from the Department, shall be grounds for suspension of the work and revocation of the permit pursuant to section 120.60(7), F.S., and shall result in assessment of civil fines or issuance of an order to alter or remove the unauthorized work, or both. No other construction or activities shall be conducted. No modifications to project size, location, or structural design are authorized without prior written approval from the Department. A copy of the notice to proceed shall be conspicuously displayed at the project site. Approved plans shall be made available for inspection by a Department representative.

(b) The permittee shall conduct the construction or activity authorized under the permit using extreme care to prevent any adverse impacts to the beach and dune system, marine turtles, their nests and habitat, or adjacent property and structures.

(c) The permittee shall allow any duly identified and authorized member of the Department to enter upon the premises associated with the project authorized by the permit for the purpose of ascertaining compliance with the terms of the permit and with the rules of the Department until all construction or activities authorized or required in the permit have been completed and all project performance reports, certifications, or other documents are received by the Department and determined to be consistent with the permit and approved plans.

(d) The permittee shall hold and save the State of Florida, the Department, and its officers and employees harmless from any damage, no matter how occasioned and no matter what the amount, to persons or property that might result from the construction or activity authorized under the permit and from any and all claims and judgments resulting from such damage.

(e) The permittee shall allow the Department to use all records, notes, monitoring data, and other information relating to construction or any activity under the permit, which are submitted, for any purpose necessary except where such use is otherwise specifically forbidden by law.

(f) Construction traffic shall not occur and building materials shall not be stored on vegetated areas seaward of the control line unless specifically authorized by the permit. If the Department determines that this requirement is not being met, positive control measures, such as temporary fencing, designated access roads, adjustment of construction sequence, or other requirements, shall be provided by the permittee at the direction of the Department. Temporary construction fencing shall not be sited within marine turtle nesting habitats.

(g) The permittee shall not disturb existing beach and dune topography and vegetation except as expressly authorized in the permit. Before the project is considered complete, any disturbed topography or vegetation shall be restored as prescribed in the permit with suitable fill material or revegetated with appropriate beach and dune vegetation. When required for mitigation, dune vegetation will be considered successfully established if within 180 days of planting, a minimum of 80 percent of the planting units survive, a minimum of 80 percent of the planted area is covered with native species and the vegetation is continuous without gaps along the shoreline.

(h) All fill material placed seaward of the CCCL shall meet the requirements of subsection 62B-33.005(7), F.A.C. All such fill material shall be free of construction debris, rocks, clay, or other foreign matter; and shall be obtained from a source landward of the CCCL.

(i) If surplus sand fill results from any approved excavation seaward of the control line, such material shall be distributed seaward of the control line on the site, as directed by the Department, unless otherwise specifically authorized by the permit. Sand fill placed seaward of the frontal dune, bluff or coastal armoring in marine turtle nesting habitat shall be configured such that it does not interfere with marine turtle nesting.

(j) Any native salt-tolerant vegetation destroyed during construction shall be replaced with plants of the same species or, by authorization of the Department, with other native salt-tolerant vegetation suitable for beach and dune stabilization. Unless otherwise specifically authorized by the Department, all plants installed in beach and coastal areas – whether to replace vegetation displaced, damaged, or destroyed during construction or otherwise – shall be of species indigenous to Florida beaches and dunes, such as sea oats, sea grape, saw palmetto, panic grass, saltmeadow hay cordgrass, seashore saltgrass, and railroad vine, and grown from stock indigenous to the region in which the project is located.

(k) All topographic restoration and revegetation work is subject to approval by the Department, and the status of restoration shall be reported as part of the final certification of the actual work performed.

(l) If not specifically authorized elsewhere in the permit, no operation, transportation, or storage of equipment or materials is authorized seaward of the dune crest or rigid coastal structure during the marine turtle nesting season. The marine turtle nesting season is May 1 through October 31 in all counties except Brevard, Indian River, St. Lucie, Martin, Palm Beach, and Broward counties where leatherback turtle nesting occurs during the period of March 1 through October 31.

(m) If not specifically authorized elsewhere in the permit, no temporary lighting of the construction area is authorized at any time during the marine turtle nesting season and no additional permanent exterior lighting is authorized.

(n) All non-opaque walls, balcony railings, deck railings, windows and doors visible from any point on the beach must be tinted to a transmittance value (light transmission from inside to outside) of 45 percent or less through the use of tinted glass or window film.

(o) The permit has been issued to a specified property owner and is not valid for any other person unless formally transferred. An applicant requesting transfer of the permit shall sign the permit transfer agreement form, agreeing to comply with all terms and conditions of the permit, and return it to the Department. The transfer request shall be provided on the form entitled "Permit Transfer Agreement" – DEP Form 73-103 (Revised 1/04), which is hereby adopted and incorporated by reference. No work shall proceed under the permit until the new owner has received a copy of the transfer agreement approved by the Department. A copy of the transfer agreement shall be displayed on the construction site along with the permit. An expired permit shall not be transferred. Copies of the "Permit Transfer Agreement" form are available at the following website: <https://floridadep.gov/rcp/coastal-construction-control-line/content/coastal-construction-control-line-cccl-forms>.

(p) The permittee shall immediately inform the Department of any change of mailing address of the permittee and any authorized agent until all requirements of the permit are met.

(q) For permits involving habitable major structures, all construction on the permitted structure shall stop when the foundation pilings have been installed. At that time the foundation location form shall be submitted to and accepted by the Department prior to proceeding with further vertical construction above the foundation. The form shall be signed by a professional surveyor, licensed pursuant to chapter 472, F.S., and shall be based upon such surveys performed in accordance with chapter 472, F.S., as are necessary to determine the actual configuration and dimensioned relationship of the installed pilings to the control line. The information shall be provided to the Department using the form entitled "Foundation Location Certification" – DEP Form 73-114B (Revised 9/05), which is hereby adopted and incorporated by reference. Phasing of foundation certifications is acceptable. The Department shall notify the permittee of approval or rejection of the form within seven (7) working days after staff receipt of the form. All survey information upon which the form is based shall be made available to the Department upon request. Permits for repairs or additions to existing structures with nonconforming foundations are exempt from this condition.

(r) For permits involving major structures and exterior lighting on major structures, the permittee shall provide the Department with a report by a registered professional within 30 days following completion of the work. For permits involving armoring or other rigid coastal structures, the permittee shall provide the Department with a report by an engineer licensed in the State of Florida within 30 days following completion of the work. The report shall state that all locations specified by the permit have been verified and that other construction and activities authorized by the permit, including exterior lighting, have been performed in compliance with the plans and project description approved as a part of the permit and all conditions of the permit; or shall describe any deviations from the approved plans, project description, or permit conditions, and any work not performed. Such report shall not relieve the permittee of the provisions of paragraph 62B-33.0155(1)(a), F.A.C. If none of the permitted work is performed, the permittee shall inform the Department in writing no later than 30 days following expiration of the permit. The report shall be provided on the form entitled "Final Certification" DEP Form 73-115B (Revised 9/05), which is hereby adopted and incorporated by reference. Copies of the "Final Certification" form are available at the following website: <https://floridadep.gov/rcp/coastal-construction-control-line/content/coastal-construction-control-line-cccl-forms>.

(s) Authorization for construction of armoring or other rigid coastal structures is based on an engineering review and assessment of the design and anticipated performance and impact of the structure as a complete unit. Construction of any less than the complete structure as approved by the Department is not authorized and shall result in the assessment of an administrative fine and the issuance of an order to remove the partially constructed structure. Modifications to the project size, location, or structural design shall be authorized by the Department in accordance with rule 62B-33.013, F.A.C.

(2) The permittee shall not commence any excavation, construction, or other physical activity on or encroaching on the sovereignty land of Florida seaward of the mean high water line or, if established, the erosion control line until the permittee has received from the Board of Trustees of the Internal Improvement Trust Fund the required lease, license, easement, or other form of consent authorizing the proposed use.

(3) The permittee shall obtain any applicable licenses or permits required by Federal, state, county, or municipal law.

(4) This permit does not authorize trespass onto other property.

(5) In the event of a conflict between a general permit condition and a special permit condition, the special permit condition shall prevail.

(6) Copies of any forms referenced above can be obtained by contacting the Department of Environmental Protection, 2600 Blair Stone Road, MS 3522, Tallahassee, Florida 32399-2400, at <https://floridadep.gov/rcp/coastal-construction-control-line/content/coastal-construction-control-line-cccl-forms> or by telephoning (850) 245-8570.

Approved plans are incorporated into this permit by reference.

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- (c) A statement of when and how the petitioner received notice of the agency decision;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 21 days of publication of the notice or within 21 days of receipt of the written notice, whichever occurs first. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under [Sections 120.569](#) and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to Section 120.68, F.S., by filing a Notice of Appeal pursuant to Florida Rules of Appellate Procedure 9.110 and 9.190 with the Clerk of the Department in the Office of General Counsel (Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000) and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within 30 days from the date this action is filed with the Clerk of the Department.

EXECUTION AND CLERKING

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Tiffany Hilton, Environmental Specialist III
Coastal Construction Control Line Program
Office of Resilience and Coastal Protection

PERMITTEE: City of Destin
PERMIT NUMBER: OK000570
PAGE 10

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

City of Destin, City Manager, ljones@cityofdestin.com
Jeffrey C. Petermann, P.E., Agent, jpetermann@baskervilledonovan.com
Marina Foote, Field Inspector, marina.foote@floridadep.gov

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

7/14/2026

Date

FWC Best Management Practices for Protected Shorebirds and Seabirds

The Florida Fish & Wildlife Conservation Commission (FWC) has the authority to protect shorebirds and seabirds in accordance with Article IV, Section 9 of the Florida Constitution, 372.021, Florida Statutes, and 68A-1.002, Florida Administrative Code. Shorebirds and seabirds listed as state-Threatened Species under 68A-27.003(2)(a) F.A.C. (i.e. least tern, black skimmer, snowy plover, American oystercatcher) are protected from “take” (harm and harassment) as defined in 68A-27.001(4) F.A.C. Shorebirds and seabirds listed under the federal Migratory Bird Treaty Act are protected under 16 U.S.C. Sections 703-712 (adopted in state rule 68A-16.001, F.A.C.).

Please utilize the Imperiled Beach-nesting Bird (IBNB) [ShoreMapper Tool](https://gis.myfwc.com/ShoreMapper/) (<https://gis.myfwc.com/ShoreMapper/>) to determine if a Recent Breeding Site or Critical Brood-rearing Site is present near your project area. The FWC [Regional Shorebird Contact](#) can help determine if there are any Active Breeding Sites near your project.

CCCL permitted activities can result in harm and harassment of these species when activities occur during shorebird breeding season (Mar. 1 - Sept. 1 on Florida’s east coast; Feb. 15 - Sept. 1 on west coast). Harm and harassment can be avoided by providing at least a 300-ft. buffer between project activities and “active nests” as defined in FWC Species Conservation Measures and Permitting Guidelines for Imperiled Beach-nesting Birds (IBNB Guidelines, <https://myfwc.com/wildlifehabitats/wildlife/species-guidelines/>). If the recommended buffers cannot be maintained, harm or harassment is likely to occur, and authorization may be needed from the FWC *prior to commencement of the activity*.

If your CCCL permitted activity will result in harm to IBNBs via “Significant Habitat Modification” (as defined in Guidelines) within a Recent Breeding Site or Critical Brood-rearing Site, an incidental take permit is recommended *prior to commencing the activity, regardless of when the activity occurs during the year*.

Contact the Regional Shorebird Contact for your area to discuss ways to avoid take or for more information on FWC incidental take permits: <https://myfwc.com/conservation/you- conserve/wildlife/shorebirds/contacts/>.

Even if the project area is not within 300 feet of Recent Breeding Sites/Critical Brood-rearing Sites in [ShoreMapper](#), new breeding activity could occur near your project. To avoid take, permittees should:

- a. Arrange for a qualified monitor to conduct nesting surveys prior to project commencement and each day prior to project activities during shorebird breeding season (<https://myfwc.com/conservation/you- conserve/wildlife/shorebirds/contacts/>). You may choose to employ an IBNB Permitted Monitor to conduct surveys. For a list of permitted monitors, visit <https://myfwc.com/license/wildlife/ibnb/> or for more information on IBNB Permitted Monitors visit <https://myfwc.com/license/wildlife/ibnb/permitted-monitors/>. Note that although most breeding activity is complete by the end of shorebird breeding season (Sept. 1), flightless chicks may be present beyond this date.
 - i. Surveys for detecting nesting activity should be completed prior to movement of equipment, operation of vehicles, or other activities that could potentially disrupt breeding behavior or cause harm to birds, eggs or young.
 - ii. The person conducting the CCCL permitted activity should not serve as the monitor while conducting the activity.
 - iii. Surveys should continue until the project is completed or the end of breeding season (whichever is first).

- iv. If you observe a nest scrape, active nest, or shorebird young within 300 feet of project boundaries, stop work immediately and notify the appropriate [FWC Regional Shorebird Contact](#) within 24 hours. **FWC authorization may be needed to avoid a wildlife violation of 68A-27 FAC.**
- b. Where breeding has been reported or observed, work with [FWC staff](#) to post the perimeter of buffer zones with clearly marked signs.

Mechanical Beach Cleaning

Beach Cleaning within 300 feet of an Active or Recent Breeding Site during breeding season, or within 300 feet of an Active Critical Brood Rearing site (Mar 15-Sep 1) is likely to cause take. FWC may authorize take without an FWC incidental take permit in some cases, provided the requirements below are followed. Contact your Regional Shorebird Contact for more information about authorizations and requirements below.

- At least one individual (“shorebird monitor”) must complete the [online training](#) available on FWC’s eLearning website (available at <https://myfwc.com/license/wildlife/ibnb/resources/#training>).
 - Module 1: Qualifications, Species ID, Nesting Behavior and Habitats.
 - Module 2: Breeding Activity Checks, Monitoring and Reporting Requirements.
 - Module 3: Active Breeding Sites: Posting and Protection.
- This monitor must carry their certificate of completion while conducting surveys.
- Prior experience conducting at least 3 surveys that involve observations of Active Nests of Imperiled Beach-nesting Birds (IBNBs) is recommended but not required.
- Individuals conducting beach cleaning must carry an FWC written authorization for take when conducting activities within 300 feet of active nests.
- Monitors and beach cleaners must review [IBNB Minimization Measures Training for Vehicle Operation](#) (<https://myfwc.com/license/wildlife/ibnb/resources/>).
- Prior to conducting mechanical beach cleaning, surveys for active nests and flightless chicks of IBNBs must be conducted on foot by the shorebird monitor using binoculars. In areas where flightless chicks are present, this monitor must be present during beach cleaning activities to prevent chicks from being killed or injured and must not be the person operating mechanical cleaning equipment.
- Surveys conducted for mechanical beach cleaning should **not** be submitted to the Florida Shorebird Database.
- Mechanical Beach Cleaner must notify the Regional Shorebird Contact within 24 hours if any new nests are found.
- Active breeding must be posted with protective signage and according to the [Guidelines for Posting Shorebird and Seabird Sites in Florida](#)” (<https://flshorebirdalliance.org/resources/instructions-resources/>) prior to mechanical beach cleaning.
- Mechanical Beach Cleaning within 300 feet of an active breeding site or within 300 feet of an Active Critical Brood Rearing site must occur in the early morning (i.e., within 2 hours of sunrise) or evening (i.e., within 1 hour of sunset) to minimize the exposure of eggs and chicks to heat and sun.
- It is recommended that a minimum of thirty percent (30%) of the natural seaweed wrack be left on the beach at least through the breeding season (year-round, if possible) to provide foraging habitat for nesting, wintering, and migrating shorebirds.

Note: these BMPs are intended to help ensure CCCL permit holders are in compliance with regulations that protect imperiled shorebirds. Adherence to these BMPs is not subject to enforcement under Sections 161.052 or 161.053, Florida Statutes.