

GENERAL NOTES:

- 1. CONTRACTOR IS REQUIRED TO VISIT SITE AND FAMILIARIZE HIM/HERSELF WITH THE PROJECT PRIOR TO BIDDING.
2. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL AND STATE REGULATIONS CONCERNING NOTIFICATION TO THE REGULATORY AUTHORITIES OF ANY AND ALL BUILDING REMEDIATIONS AND/OR DEMOLITION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION MONITORING AND NOTIFYING THE ENGINEER OF RECORD AT LEAST 72 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND CONCLUSION OF CONSTRUCTION, AS WELL AS SUPPLYING CLEAR AND LEGIBLE REVISIONS TO THE CONSTRUCTION PLANS FOR USE DURING AS-BUILT CERTIFICATION.
4. ALL DISTURBED AREAS WHICH ARE NOT PAVED ARE TO BE STABILIZED WITH SEEDING, FERTILIZER & MULCH, HYDROSEED AND/OR SOO (RECOMMEND CENTPEDE, PENSACOLA BANNA OR BERMAUDA SOO). POND AND SHALL TOPS AND SIDES SHALL BE SODDED AND FINISHED. ALL SOO PLACED ON SLOPE SLOPES 4 TO 1 OR GREATER SHALL BE FINISHED.
5. WHERE SOO IS BEING INSTALLED, TOPSOIL SHALL BE USED AS A BASE AT LEAST 3" DEEP.
6. AFTER THE SITE HAS BEEN BROUGHT TO PROPER GRADE FOR PLACEMENT OF TOPSOIL AND IMMEDIATELY PRIOR TO DUMPING AND SPREADING THE TOPSOIL, THE SUBGRADE SHALL BE LOOSENEED BY DISKING OR SCARPING TO A DEPTH OF 2" TO INSURE BONDING OF THE TOPSOIL AND SODDING.
7. TOPSOIL SHALL NOT BE PLACED IN A MUDDY CONDITION, WHEN THE SUBGRADE IS EXCESSIVELY WET, OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND PROPOSED SODDING.
8. THE TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED TO A MINIMUM COMPACTED DEPTH OF 3".
9. ANY IRREGULARITIES IN THE SURFACE, RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.
10. COMPACT THE TOPSOIL ENOUGH TO ENSURE GOOD CONTACT WITH THE UNDERLYING SOIL AND TO OBTAIN A LEVEL SEED BED FOR THE ESTABLISHMENT OF HIGH MAINTENANCE TURF. AVOID UNDUE COMPACTION.
11. CONTRACTOR IS TO MAINTAIN SODDING AND GRASSING BY WATERING, FERTILIZING, WEEDING, MOWING, TRIMMING AND OTHER OPERATIONS SUCH AS ROLLING, RE-GRAVING AND REPLANTING AS REQUIRED TO ESTABLISH GRASS/SODDED AREAS FREE OF ERODED OR BARE AREAS AND REPLACE ANY REJECTED MATERIALS PROMPTLY FROM THE SITE. CONTRACTOR IS TO INCLUDE COST OF MAINTAINING SODDING AND GRASSING IN THE BID.
12. CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT CONTROL MEASURES MAY RESULT IN A CODE ENFORCEMENT VIOLATION.
13. DEVELOPER/CONTRACTOR SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE ANY DISTURBED AREAS FOUND IN RETENTION POND AT END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND PRIOR TO REQUEST FOR INSPECTION.
14. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION AND PROVIDE A TOPOGRAPHICAL SURVEY (CERTIFIED BY A STATE OF FLORIDA LICENSED SURVEYOR) OF THE PROJECT AREA WHICH ILLUSTRATES AS-BUILT CONDITIONS OF ALL WORK AND SITE IMPROVEMENTS, INCLUDING OF PIPING, DRAINAGE STRUCTURES, STORMWATER POND TOPOGRAPHY, SITE ELEVATIONS AND GRADING, OUTLET STRUCTURES, DIMENSIONS, ETC. THESE RECORD DRAWINGS ARE TO BE PROVIDED TO THE PROJECT ENGINEER PRIOR TO REQUESTING FINAL INSPECTION.
15. THE OWNER OR HIS AGENT SHALL ARRANGE/COORDINATE WITH THE COUNTY INSPECTIONS OFFICE (850-993-3569) AN INSPECTION OF THE EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO CONSTRUCTION, UNDERGROUND DRAINAGE STRUCTURES PRIOR TO BUREAU, ALL INTERMEDIATE INSPECTIONS AND THE FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.
16. EROSION SHALL BE CONTROLLED BY THE USE OF A HAY BALE BARRIER/SILT FENCE AS SHOWN ON PLANS AND SHALL BE SETUP PRIOR TO COMMENCING CONSTRUCTION. THE EROSION CONTROL BARRIER SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION BY THE CONTRACTOR. UPON COMPLETION OF THE PROJECT, THE DETENTION AREA SHALL BE CLEANED OF SILT & STABILIZATION OF ALL DISTURBED AREAS SHALL BE ACCOMPLISHED.
17. CONTRACTOR SHALL NOTIFY SUNSHINE ONE UTILITIES (1-800-432-4779) TWO FULL BUSINESS DAYS IN ADVANCE PRIOR TO DIGGING WITHIN R/W.
18. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO REQUESTING A FINAL INSPECTION AND ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.
19. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN OBTAINING A CERTIFICATE OF OCCUPANCY.
20. RIGHT-OF-WAY SHOULDER STABILIZATION SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION).
21. ALL EXCESS MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER BY THE CONTRACTOR. IF THERE WILL BE TEMPORARY STOCKPILING OF MATERIALS ON THE SITE, THESE AREAS SHOULD CONTAIN EROSION CONTROL BMP'S (e.g. SILT FENCE, HAY BALES, ETC) AS NECESSARY.
22. ANY DAMAGE TO EXISTING ROADS DURING CONSTRUCTION WILL BE REPAIRED BY THE DEVELOPER PRIOR TO FINAL "AS-BUILT" SIGN OFF FROM THE COUNTY.
23. ALL BUILDING ROSE DRAINS, DOWN SPOUTS OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER RUNOFF TO ON-SITE RETENTION BASIN.
24. CONTRACTOR TO COORDINATE WITH LOCAL UTILITY COMPANIES FOR REMOVAL AND RELOCATION OF EXISTING UTILITY POLES, AERIAL LINES, WATER LINES, GAS LINES AND OTHER UTILITIES AS NECESSARY.
25. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.
26. UTILITY LOCATIONS ARE APPROXIMATE BASED ON LOCATION OF ABOVE GROUND APPURTENANCES, AND AS TAKEN FROM THE SURVEY. UNDERGROUND UTILITIES NOT SHOWN HEREIN MAY EXIST.
27. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
28. CONTRACTOR SHALL COMPLY WITH ANY TESTING REQUIRED BY STATE AND LOCAL GOVERNING AGENCIES SUCH AS ASPHALT CORES AND SUB-BASE/BASE COMPACTION TESTING.
29. THE CONTRACTOR SHALL NOTIFY THE OWNER OF ANY CONFLICTS BETWEEN VENDOR DRAWINGS, EXISTING CONDITIONS AND THE CONSTRUCTION DOCUMENTS.
30. CONTRACTOR TO PROVIDE TEMPORARY PROTECTION TO TREES THAT ARE TO REMAIN (IF APPLICABLE).
31. TREENCHING OR GRADING AROUND TREES TO REMAIN SHALL BE AWAY FROM THE TREE IN A MANNER TO CAUSE NO DAMAGE TO THE TREE.

SIGNAGE:

FREESTANDING SIGNAGE: ONE (1) FREESTANDING SIGN STRUCTURE ALLOWED PER PARCEL STREET FRONTAGE (DEVELOPMENT PARCEL IS LESS THAN 3 AC). STRUCTURES SHALL BE PLACED NO LESS THAN 200 LF FROM ANY OTHER NON-EXEMPT SIGN STRUCTURES ON THE SAME PARCEL. THE FREESTANDING SIGN IS LIMITED TO A MINIMUM 10' SETBACK, MEASURED FROM THE FORWARD-MOST EDGE OF THE SIGN, FROM RIGHTS OF WAY AND MUST MAINTAIN VISUAL CLEARANCE ALONG RIGHTS OF WAY AND AT INTERSECTIONS.

GULF BEACH HIGHWAY/SR-292 (COLLECTOR STREET): FREESTANDING SIGNAGE SHALL BE LIMITED TO ONE SIGN A MAXIMUM OF 150 SF IN AREA AND A MAXIMUM OF 25 LF IN HEIGHT (LIMITED BY STREET CLASSIFICATION).

RESERVATION AVENUE (LOCAL STREET): FREESTANDING SIGNAGE SHALL BE LIMITED TO ONE SIGN A MAXIMUM OF 100 SF IN AREA AND A MAXIMUM OF 20 LF IN HEIGHT (LIMITED BY STREET CLASSIFICATION).

SAN MARCOS CAMINO (LOCAL STREET): FREESTANDING SIGNAGE SHALL BE LIMITED TO ONE SIGN A MAXIMUM OF 100 SF IN AREA AND A MAXIMUM OF 20 LF IN HEIGHT (LIMITED BY STREET CLASSIFICATION). NO PROPOSED SIGNAGE ALONG PROPERTY FRONTAGE.

WALL SIGNAGE: GULF BEACH HIGHWAY FRONTAGE: TOTAL ALLOWABLE SQUARE FOOTAGE OF WALL SIGNAGE SHALL BE LIMITED TO 1,035 SF (2.25 SF * 460 LF COMBINED FRONTAGE).

SAN MARCOS CAMINO FRONTAGE: TOTAL ALLOWABLE SQUARE FOOTAGE OF WALL SIGNAGE SHALL BE LIMITED TO 90 SF (2.25 SF * 40 LF FRONTAGE).

RESERVATION AVENUE FRONTAGE: TOTAL ALLOWABLE SQUARE FOOTAGE OF WALL SIGNAGE SHALL BE LIMITED TO 90 SF (2.25 SF * 40 LF FRONTAGE).

A VALID ESCAMBIA COUNTY SIGN PERMIT MUST BE OBTAINED PRIOR TO ERRECTING, CONSTRUCTING, ALTERING OR RELOCATING ANY SITE SIGNAGE. FOR SIGNS PLACED ON A CORNER, THE SIDE SETBACK WILL BE DETERMINED BY MEASURING 30' ALONG THE INTERSECTIONS OF THE TWO PUBLIC RIGHTS OF WAY.

JURISDICTIONAL CONTACTS:

ESCAMBIA COUNTY DEVELOPMENT SERVICES 3363 WEST PARK PLACE PENSACOLA, FL 32505 PHONE NO. (850)-595-3475 FAX NO.: (850)-595-3481

EMERALD COAST UTILITIES AUTHORITY 9255 STURDEVANT STREET PENSACOLA, FL 32514 PHONE NO.: (850)-476-5110 FAX NO.: 850-494-7346

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT 700 US HIGHWAY 331 SOUTH DEFUNIAK SPRINGS, FL 32435 PHONE NO.: (850)-951-4680 FAX NO. (850)-892-8007

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION 2800 BLAIR STONE ROAD TALLAHASSEE, FL 32399 PHONE NO.: (866)-336-6312 FAX NO. (850)-297-1211

PEOPLES WATER SERVICES COMPANY 905 LOWME AVE. PENSACOLA, FL 32507 PHONE NO. (850)-455-8552 FAX NO. (850)-456-1010

PROJECT DIRECTORY:

CIVIL ENGINEER HAMMOND ENGINEERING, INC. 3802 NORTH "S" ST. PENSACOLA, FL 32505 PHONE NO.: (850)-434-2603 FAX NO.: (850)-434-2650

SURVEYOR KJM LAND PLANNING, LLC. 1616 W. AVERY ST. PENSACOLA, FL 32501 PHONE NO.: (850)-438-0202 FAX NO.: (850)-438-1307

GEOTECHNICAL ENGINEER NOVA ENGINEERING & ENVIRONMENTAL, LLC. 140-A LURTON STREET PENSACOLA, FL 32505 PHONE NO.: (850)-607-7782 FAX NO. (850)-249-6683

SITE DEVELOPMENT PLANS FOR BAYOU GRANDE STORAGE AMENDED

SECTION 33 TOWNSHIP 2 SOUTH, RANGE 31 WEST ESCAMBIA COUNTY, FLORIDA

8521 GULF BEACH HIGHWAY PENSACOLA, FL 32507

OWNER/DEVELOPER:

MR. WILLEM ACHTERBERG

850-221-7177

GULF BEACH INVESTMENTS, LLC 13430 GULF BEACH HWY, PMB #15 PENSACOLA, FL 32507

PROPERTY ID NO: 33-2S-31-2400-000-012

ZONING DESIGNATION: HC/LI

ADJACENT ZONING: HDMU

FLU DESIGNATION: MU-U

ADJACENT FLU: MU-U

INDEX OF DRAWINGS:

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C2 ~ EXISTING CONDITIONS
C3 ~ DEMOLITION & EROSION CONTROL
C4 ~ STORMWATER POLLUTION PREVENTION
C5 ~ SITE PLAN
C6 ~ GRADING & DRAINAGE PLAN
C7 ~ LANDSCAPING PLAN
C8 ~ CONSTRUCTION DETAILS
C9 ~ CONSTRUCTION DETAILS
C10 ~ CONSTRUCTION DETAILS
C11 ~ FDOT DETAILS



HAMMOND ENGINEERING, INC FLORIDA AUTHORIZATION NO. 9130 ALABAMA AUTHORIZATION NO. 3277 3802 NORTH "S" STREET PENSACOLA, FLORIDA 32505 850-434-2603 FAX 850-434-2650 TOM@SELANDDESIGN.COM

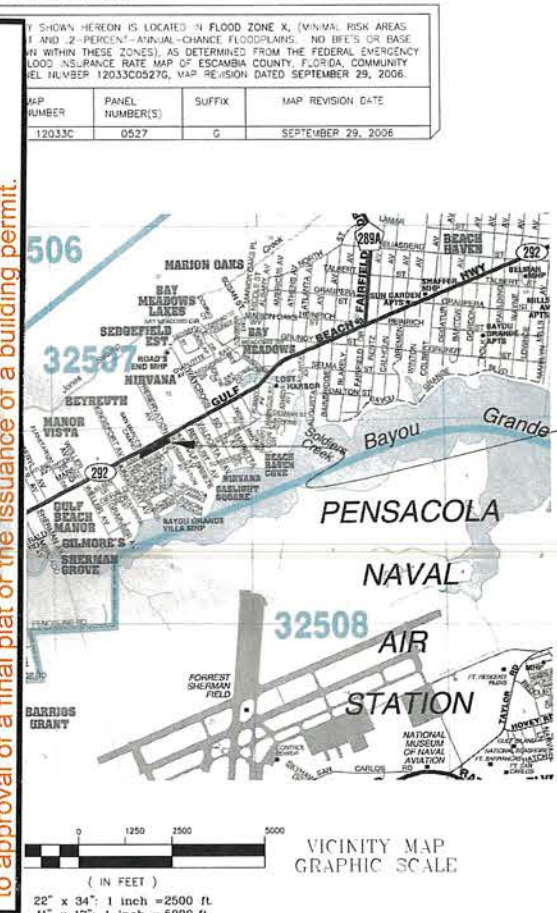
AUGUST 8, 2024 HEI PROJECT #: 19-063

GENERAL NOTES:

- 32. CONTRACTOR SHALL CONSTRUCT TEMPORARY MEASURES AND SUPPORT TO ACCESS THE SITE AND SHALL INCLUDE THE COST FOR SAME IN THE BID. CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SATISFACTION OF THE OWNER AND/OR GOVERNING AGENCY.
33. CONTRACTOR SHALL COORDINATE HIS WORK AND COOPERATE WITH OTHER CONTRACTORS WORKING AROUND THE PROJECT AREA.
34. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING SPILLS OF POTENTIALLY HAZARDOUS SUBSTANCES (i.e. GASOLINE, DIESEL FUEL, HYDRAULIC FLUID, ETC.) TO THE APPROPRIATE STATE (FDEP STATE WARNING POINT 1-800-320-0519) AND LOCAL (ESCAMBIA COUNTY HEALTH DEPT. 850-595-6700) AGENCIES.
35. SOLID WASTE SHALL BE KEPT IN AN APPROVED DUMPSTER THROUGHOUT CONSTRUCTION ACTIVITIES.
36. ALL VALVE BOXES SHALL BE SET FLUSH WITH GRADE (IF APPLICABLE).
37. ADEQUATE PROVISIONS SHALL BE MADE FOR FLOW OF SEWERS, DRAINS, AND WATER COURSES ENCOUNTERED DURING CONSTRUCTION.
38. THE CONTRACTOR SHALL FLUSH AND CLEAN ALL STORMWATER PIPES AND STRUCTURES AT END OF CONSTRUCTION AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED.
39. PLACEMENT OF UNDERGROUND SYSTEMS, IRRIGATION, SEWER, WATER, DRAINAGE, ELECTRICAL, GAS, ETC. SHALL BE COMPLETED PRIOR TO LANDSCAPE INSTALLATION.
40. PROPERTY OBSTRUCTIONS WHICH ARE TO REMAIN IN PLACE SUCH AS BUILDINGS, SEWERS, DRAINS, WATER OR GAS PIPES, ELECTRICAL CONDUITS, POLES, WALLS, POSTS, ETC. ARE TO BE CAREFULLY PROTECTED AND ARE NOT TO BE DISPLACED UNLESS NOTED.
41. THE CONTRACTOR SHALL ADHERE TO ALL LOCAL, STATE AND FEDERAL AGENCIES RULES CONCERNING SAFETY.
42. CONTRACTOR SHALL PLACE AND MAINTAIN ADEQUATE BARRICADES, CONSTRUCTION SIGNS, FLASHING LIGHTS, TORCHES, RED LANTERNS, AND GUARDS DURING PROGRESS OF CONSTRUCTION WORK AND UNTIL IT IS SAFE FOR BOTH PEDESTRIAN AND VEHICULAR TRAFFIC.
43. CONTRACTOR SHALL INCLUDE IN HIS BID ANY COST ASSOCIATED WITH DE-WATERING AND DE-MUCKING FOR INSTALLATION OF REQUIRED INFRASTRUCTURE (IF APPLICABLE).
44. THE CONTRACTORS MEANS AND METHODS OF GROUNDWATER DE-WATERING SHALL COMPLY WITH ALL REGULATORY REQUIREMENTS FOR THE TEMPORARY DIVERSION OF GROUNDWATER AND ITS DISCHARGE, INCLUDING FAC CHAPTER 62-621.300(2) "GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY" (IF APPLICABLE).
45. CONTRACTOR SHALL INCLUDE IN HIS BID ANY COST ASSOCIATED WITH SELECT BACKFILL FOR INSTALLATION OF ANY INFRASTRUCTURE.
46. CONTRACTOR SHALL CLEAN UP ENTIRE SITE INCLUDING STAGING AREAS AT LEAST TWO TIMES PER WEEK. THIS SHALL INCLUDE LOCATING TRASH/SOAP RECEPTACLES AT APPROPRIATE LOCATIONS AROUND THE SITE. CONTRACTOR SHALL PICK UP ALL ROCKS, METAL, PIPE, NAILS, NUTS, BOLTS, BOARDS, PAPER, TRASH, ETC. AT LEAST TWICE A WEEK. CONTRACTOR SHALL INCLUDE COST OF STAKE IN BID.
47. CONTRACTOR SHALL RESTORE ALL STAGING AREAS TO AS GOOD AS OR BETTER CONDITION THAN EXISTED PRIOR TO CONSTRUCTION. THIS INCLUDES IRRIGATION AND SOO REPLACEMENT OF NECESSARY. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 20 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING AT THE END OF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER. THE DISTURBED AREAS WILL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL AT A RATE OF TWO (2) TONS PER ACRE.
48. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (i.e. SLOPE SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SIMILAR EQUIVALENT AT A THICKNESS OF TWO (2) TO FOUR (4) INCHES MIXED WITH TWO (2) INCHES OF SOIL.
49. ANY SLOPES RECEIVING INFRASTRUCTURE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (i.e. SLOPES GREATER THAN 3:1).
50. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET. TEMPORARY VEGETATION COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED IN ACCORDANCE WITH STANDARDS FOR EROSION CONTROL.
51. ALL SOIL WASHES, DRIPPED, SPILLED OR TRACKED OUTSIDE THE LIMITS OF DISTURBANCE OR ONTO PUBLIC RIGHT OF WAY WILL BE REMOVED IMMEDIATELY.
52. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFF-SITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.
53. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE #48 ABOVE.
54. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
55. ALL SEDIMENTATION STRUCTURES SHALL BE INSPECTED AND MAINTAINED REGULARLY.
56. ANY DIRT THAT RUNS OFF OF THE PROJECT SITE ONTO PUBLIC STREETS SHALL BE REMOVED AND CLEANED IMMEDIATELY. FAILURE TO COMPLY CAN RESULT IN CODE ENFORCEMENT ACTION.
57. ANY AREAS USED FOR THE CONTRACTORS STAGING, INCLUDED BUT NOT LIMITED TO, TEMPORARY STORAGE OF STOCKPILED MATERIALS (i.e. CRUSHED STONE, QUARRY PROCESS STONE, SELECT FILL, EXCAVATED MATERIALS, ETC.) SHALL BE ENTIRELY PROTECTED BY A SILT FENCE ALONG THE LOW ELEVATION SIDE TO CONTROL SEDIMENT RUNOFF.
58. ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT ESCAMBIA COUNTY AND FDEP STANDARDS AND REQUIREMENTS.
59. FOR SITES WITH DISTURBANCE EXCEEDING 1 ACRE, TO COMPLY WITH WIPES REQUIREMENTS, THE CONTRACTOR SHALL SUBMIT AN WRITES NOTICE OF INTENT TO FDEP A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION. ADDITIONALLY, ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH 1/2" RAINFALL EVENT OR AT LEAST WEEKLY. A CERTIFIED STORMWATER MANAGEMENT INSPECTOR SHALL DOCUMENT SUCH INSPECTIONS AND EROSION CONTROL EFFORTS. INSPECTION RECORDS SHOULD BE ON HAND AT ALL TIMES AND PROVIDED TO ANY FDEP REPRESENTATIVE THAT MAY VISIT THE SITE DURING CONSTRUCTION.
60. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL. ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE "AS-BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS-BUILT" CERTIFICATION OR "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
61. RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.
62. REFER TO BUILDING PLANS FOR ADDITIONAL INFORMATION.

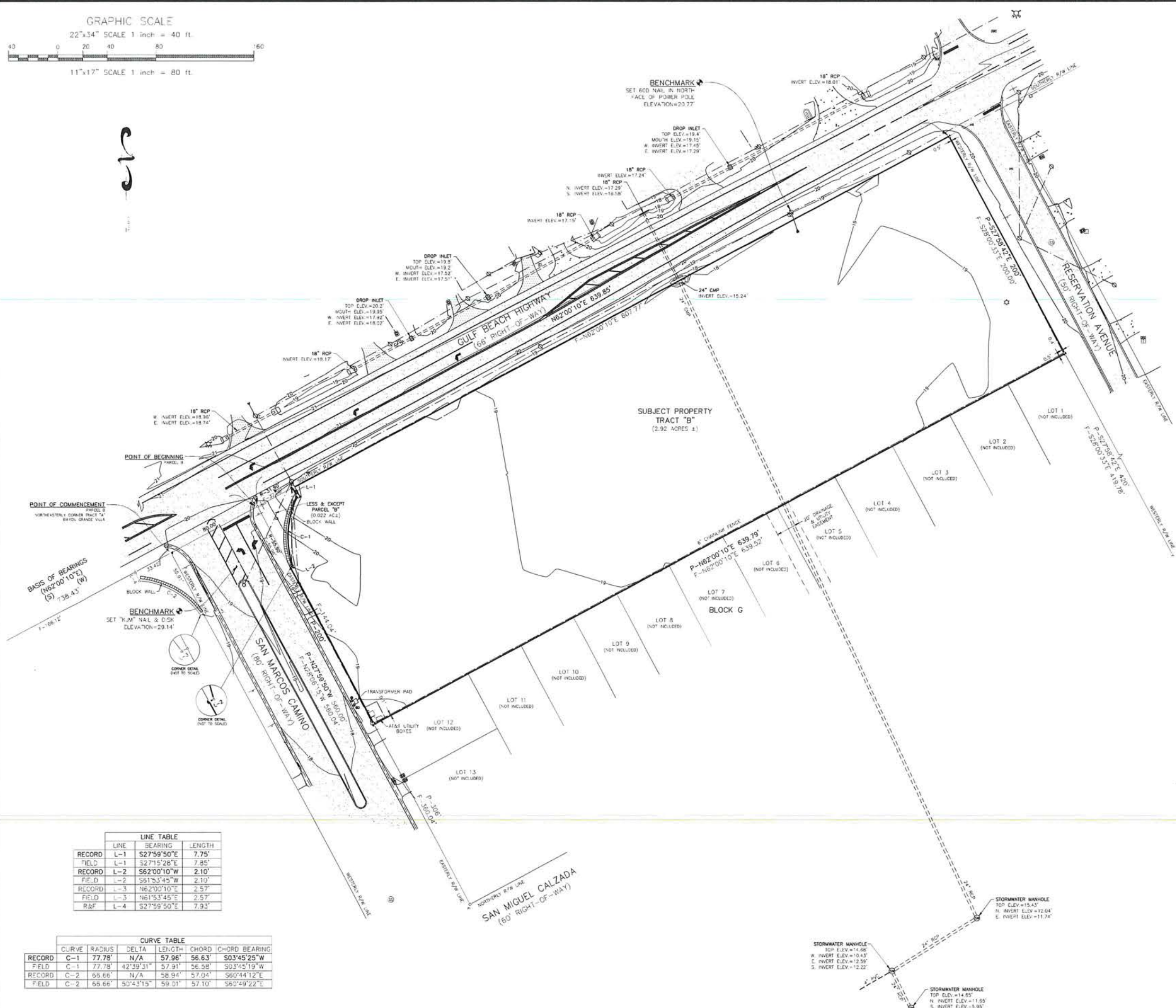
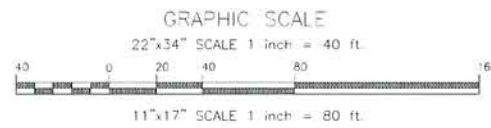
FLOOD ZONE DATA

Table with 4 columns: MAP NUMBER, PANEL NUMBER(S), SUFFIX, MAP REVISION DATE. Row 1: 12033C, 0527, G, SEPTEMBER 29, 2006.



Approved ESCAMBIA COUNTY DRC PLAN REVIEW Date 8/28/24 DRC Chairman Signature Eric Johnson Printed Name: Eric Johnson Development Services Director or Designee This document has been reviewed in accordance with the requirements of applicable Escambia County Regulations and Ordinances and does not in any way relieve the submitting Architect, Engineer, Surveyor, or other signatory from responsibility of details as drawn. A Development Order (DO) must be obtained through the Development Review Process prior to the commencement of construction. This DO approval does not constitute approval by any other agency. All additional state/federal permits shall be provided to the county prior to approval of a final plat, or the issuance of state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of a building permit.

Table with 3 columns: NO., DATE, REVISIONS.



DESCRIPTION: (OFFICIAL RECORDS BOOK 5625, PAGE 1446)
 (OFFICIAL RECORDS BOOK 4755, PAGE 644)
 THE FOLLOWING DESCRIBED PROPERTY LEAS (LYING) AND BEING IN ESCAMBIA COUNTY, FLORIDA, TO WIT:
 TRACT "B", BAYOU GRANDE VILLA, A SUBDIVISION OF A PORTION OF SECTION 4, TOWNSHIP 3 SOUTH, RANGE 31 WEST, ACCORDING TO THE PLAT OF SAID SUBDIVISION RECORDED IN PLAT BOOK 8 AT PAGE 4 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.
 LESS AND EXCEPT THE ENTRANCE WALL AREA PREVIOUSLY DEEDED TO BAYOU GRANDE VILLA ASSOCIATION, MORE FULLY DESCRIBED IN RECORDED BOOK 1658, PAGE 759 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA.
 DESCRIPTION: (OFFICIAL RECORDS BOOK 1658, PAGE 770)
 PARCEL "B"
 COMMENCE AT THE NORTH-EASTERLY CORNER OF TRACT "A" AS SHOWN ON THE RECORD PLAT OF BAYOU GRANDE VILLA AS RECORDED IN PLAT BOOK 8 AT PAGE 4 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA;
 THENCE GO NORTH 62 DEGREES 03 MINUTES 10 SECONDS EAST ALONG THE SOUTHERLY RIGHT-OF-WAY LINE OF GULF BEACH HIGHWAY (66' R/W) A DISTANCE OF 80.00 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF SAN MARCOS CAMINO (80' R/W) AND THE POINT OF BEGINNING;
 THENCE CONTINUE NORTH 62 DEGREES 03 MINUTES 10 SECONDS EAST ALONG THE FORESAID SOUTHERLY RIGHT-OF-WAY LINE A DISTANCE OF 31.90 FEET;
 THENCE GO SOUTH 27 DEGREES 59 MINUTES 53 SECONDS EAST A DISTANCE OF 7.75 FEET TO A POINT OF INTERSECTION WITH A CURVE BEING CONCAVE EASTERLY AND HAVING A RADIUS OF 77.78 FEET;
 THENCE GO SOUTHERLY ALONG THE FORESAID CURVE HAVING A RADIUS OF 77.78 FEET AN ARC DISTANCE OF 57.95 FEET (CH=56.63', CH BEG=50.245' 25' W);
 THENCE GO SOUTH 62 DEGREES 03 MINUTES 10 SECONDS WEST A DISTANCE OF 2.10 FEET TO A POINT ON THE FORESAID EASTERLY RIGHT-OF-WAY LINE;
 THENCE GO NORTH 27 DEGREES 59 MINUTES 53 SECONDS WEST ALONG THE FORESAID EASTERLY RIGHT-OF-WAY LINE A DISTANCE OF 55.90 FEET TO THE POINT OF BEGINNING THE ABOVE DESCRIBED PARCEL OF LAND IS SITUATED IN SECTION 4, TOWNSHIP 3 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA AND CONTAINS 0.992 ACRES.

NO.	DATE	REVISIONS

HE

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH "S" STREET
 PENSACOLA, FLORIDA 32505
 850 434-2603
 FAX 850-434-2650
 TOM@SELANODESIGN.COM

NFP COMMUNITY NAME: ESCAMBIA COUNTY UNINCORPORATED AREAS
 ZONE: "A"
 ELEVATION: N/A

NFP COMMUNITY NUMBER: 120086
 PANEL NUMBER: 17035C 0527 G
 AS DATED: 09/29/2006

- LEGEND:**
- ▲ FOUND 1/2" CAPPED IRON ROD L.B. #7919
 - ▲ FOUND 1/2" CAPPED IRON ROD L.B. #7174
 - ▲ FOUND 1/2" CAPPED IRON ROD PSM #3027
 - ▲ FOUND 1/2" CAPPED IRON ROD PSM #2843
 - × FOUND ILLUSTRABLE 1/2" CAPPED IRON ROD
 - ▽ FOUND PLAIN 1/2" IRON ROD
 - FOUND PLAIN 1" IRON PIPE
 - FOUND PLAIN 1/2" IRON PIPE
 - SET 1/2" CAPPED IRON ROD L.B. #7919
 - POWER POLE WITH DUY ANCHOR
 - LAMP POST
 - OVERHEAD UTILITY LINES
 - WATER METER
 - BACKFLOW PREVENTER
 - WATER VALVE
 - SEWER VALVE
 - BURIED NATURAL GAS LINE MARKER
 - MAILBOX
 - TELEPHONE PEDESTAL
 - CABLE TELEVISION PEDESTAL
 - SEWER MANHOLE
 - FIRE HYDRANT
- ABBREVIATIONS:**
- PSM - PROFESSIONAL SURVEYOR AND MAPPER
 - LB - LICENSED BUSINESS
 - R/W - RIGHT-OF-WAY
 - F - PLAT
 - F - FIELD
 - R - RECORD
 - NFP - NATIONAL FLOOD INSURANCE PROGRAM
 - N/A - NOT APPLICABLE
 - FRN - FLORIDA PERMANENT REFERENCE NETWORK
 - COBS - CONTINUOUSLY OPERATING REFERENCE STATION
 - NVD - NORTH AMERICAN VERTICAL DATUM
 - CM - CENTIMETER
 - CPUS - ONLINE POSITIONING USER SERVICE
 - NGS - NATIONAL GEODETIC SURVEY
 - PD'S - POINT IDENTIFIERS
 - GPS - GLOBAL POSITIONING SYSTEM
 - GNSS - GLOBAL NAVIGATIONAL SATELLITE SYSTEM
 - ELEV. - ELEVATION

LINE TABLE

RECORD	LINE	BEARING	LENGTH
RECORD	L-1	S27°59'50"E	7.75'
FIELD	L-1	S27°15'28"E	7.85'
RECORD	L-2	S62°00'10"W	2.10'
FIELD	L-2	S61°53'45"W	2.10'
RECORD	L-3	N62°00'10"E	2.57'
FIELD	L-3	N61°53'45"E	2.57'
R&F	L-4	S27°59'50"E	7.93'

CURVE TABLE

RECORD	CURVE	RADIUS	DELTA	LENGTH	CHORD	CHORD BEARING
RECORD	C-1	77.78'	N/A	57.96'	56.63'	S03°45'25"W
FIELD	C-1	77.78'	42°39'31"	57.91'	56.58'	S03°45'19"W
RECORD	C-2	66.66'	N/A	58.94'	57.04'	S60°44'12"E
FIELD	C-2	66.66'	S0°43'19"	59.01'	57.10'	S60°49'22"E

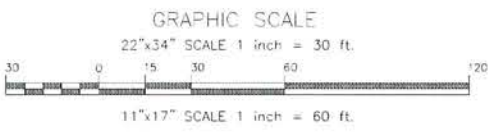
SITE SURVEY COMPLETED BY:

KJM
 Land Planning, LLC.
 1616 W. Avery St.
 Pensacola, FL 32501
 (904) 850-435-0202
 (904) 850-435-1307

SITE DEVELOPMENT PLANS FOR BAYOU GRANDE STORAGE MANHOLE EXISTING CONDITIONS

ESCAMBIA COUNTY FLORIDA

DRAWN BY: KWE/CJS	DESIGNED BY: RLS	CHECKED BY: TGH	DATE: 08-08-24	SCALE: AS SHOWN	NOT RELEASED FOR CONSTRUCTION
PROJECT NO: 19-063	SHEET: C2				



LEGEND:

	DENOTES EXISTING ASPHALT		DENOTES EXISTING WATER VALVE
	DENOTES EXISTING GRAVEL		DENOTES EXISTING SEWER VALVE
	DENOTES EXISTING CONCRETE		DENOTES EXISTING GAS LINE MARKER
	DENOTES EXISTING 6' CHAIN LINK FENCE		DENOTES EXISTING TELEPHONE PEDESTAL
	DENOTES EXISTING 6' CHAIN LINK FENCE TO BE REMOVED		DENOTES EXISTING CABLE TV PEDESTAL
	DENOTES EXISTING 4' CHAIN LINK FENCE TO BE REMOVED		DENOTES EXISTING WATER METER
	DENOTES EXISTING OVERHEAD ELECTRICAL		DENOTES EXISTING SEWER MANHOLE
	DENOTES EXISTING STORM PIPE		DENOTES EXISTING BACKFLOW PREVENTOR
	DENOTES EXISTING STREET SIGNS		DENOTES EXISTING MAILBOX
	DENOTES PROPOSED SILT FENCE		DENOTES EXISTING UTILITY POLE
	DENOTES EXISTING FIRE HYDRANT		DENOTES EXISTING LIGHT POLE
			DENOTES EXISTING GUY ANCHOR

FDOT NOTE:
THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHT-OF-WAY

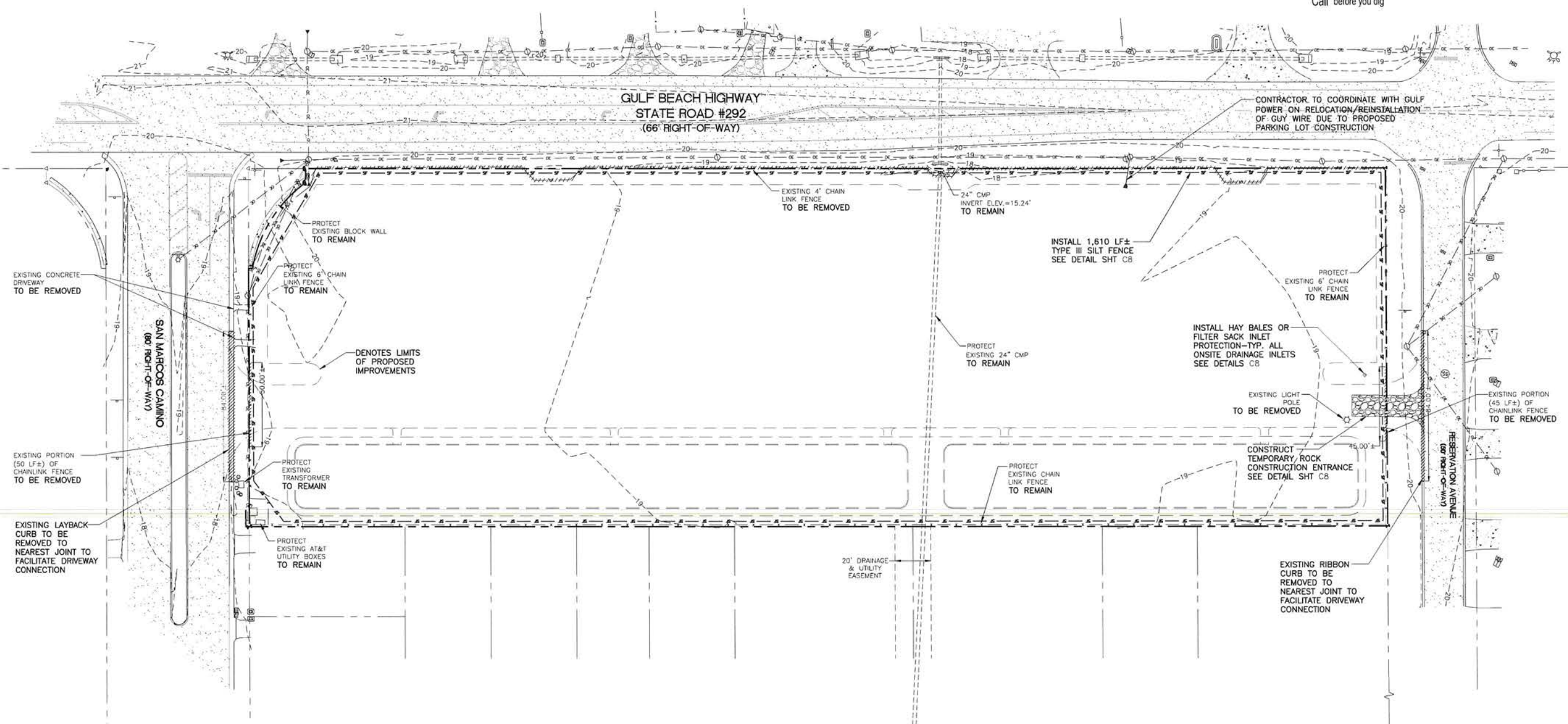
TREE PROTECTION NOTE:
THERE ARE NO PROTECTED TREES LOCATED ON THE PROJECT SITE AND NO PROTECTED TREES ARE TO BE REMOVED AS PART OF THIS PROJECT. THERE ARE NO HERITAGE TREES ONSITE.

LAND DISTURBANCE ACTIVITIES NOTE:
ALL LAND SHALL REMAIN VEGETATED & IN ITS NATURAL OR CURRENT STATE UNTIL SUCH TIME AS DRG SITE PLANS AND ADDITIONAL PERMITTING APPROVALS ALLOW FOR TREE REMOVAL (IF AS APPLICABLE) AND LAND DISTURBING ACTIVITIES PER ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE. ANY TREE REMOVAL, LAND CLEARING, FILLING (OR THE PLACEMENT OF FILL MATERIALS ONSITE), SWALES, TRENCHING, BERMING, SITE GRADING, CUTTING, OR ANY OTHER LAND DISTURBING ACTIVITIES THAT ALTER LAND TOPOGRAPHY OR VEGETATIVE COVER SHALL BE PERMITTED OR OTHERWISE APPROVED BY THE COUNTY IN WRITING PRIOR TO INITIATION.

- DEMOLITION/EROSION CONTROL NOTES:**
- WHERE ASPHALT/CONCRETE TO BE REMOVED EXTENDS PAST PROPERTY LINE, CONTRACTOR TO COORDINATE PROPOSED REMOVAL WITH ADJACENT PROPERTY OWNER TO ASSURE HE/SHE DESIRES MISCELLANEOUS IMPROVEMENTS TO BE REMOVED.
 - WHERE EXISTING ASPHALT/CONCRETE IS BEING REMOVED ON PROPERTY LINE, REMOVAL SHALL BEGIN AT THE PROPERTY LINE AND WORK TOWARDS THE INTERIOR OF THE PROPERTY. INITIALLY, A 3x6 STRIP OF EXISTING ASPHALT/CONC SHALL BE REMOVED NEXT TO THE PROPERTY LINE TO ALLOW FOR INSTALLATION OF PROPOSED EROSION CONTROL BMP'S.
 - IT IS UNDERSTOOD THAT WHERE SILT FENCING IS ILLUSTRATED ON EXISTING ASPHALT/CONC, THAT THE EXISTING ASPHALT/CONC SHALL BE REMOVED IN THAT IMMEDIATE AREA PRIOR TO INSTALLATION OF BMP.
 - THE EROSION AND SEDIMENT CONTROL MEASURES ARE PERFORMANCE ORIENTED. THAT IS, THE MEASURES USED AT A CONSTRUCTION SITE MUST BE EFFECTIVE IN CONTROLLING EROSION AND PREVENTING OFF-SITE SEDIMENTATION FOR THE SITE TO BE IN COMPLIANCE FOLLOWING AN APPROVED PLAN AND INSTALLING THE CONTROL MEASURES MAY NOT BE ENOUGH FOR A SITE TO BE IN COMPLIANCE WITH THE RULES. IF EROSION AND Silt-SITE SEDIMENTATION OCCURS, THE CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING ADDITIONAL MEASURES TO CORRECT ANY PROBLEM ASSOCIATED WITH COMPLIANCE OF THE APPLICABLE FORM OR ANY OTHER PERMIT REQUIRED FOR THE SITE CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE COMPLETELY RESPONSIBLE FOR ANY FINES LEVIED BY ANY GOVERNING AGENCY ON THE PROJECT DURING CONSTRUCTION.
 - EROSION CONTROL MEASURES SHOWN ARE MINIMUM REQUIREMENTS ONLY. CONTRACTOR SHALL REINFORCE AND/OR ADD ADDITIONAL MEASURES AS CONDITIONS WARRANT AND/OR AS DIRECTED BY THE PROPER REGULATORY AUTHORITIES.
 - ON SITES > 1 ACRE, IF > 1 CONTIGUOUS ACRE IS DECLARED, A GROUND COVER SUFFICIENT TO PREVENT EROSION SHOULD BE PLANTED OR OTHERWISE STABILIZED WITHIN 90 WORKING DAYS ON THE PORTION OF THE SITE UPON WHICH FURTHER ACTIVE CONSTRUCTION WILL NOT BE UNDERTAKEN WITHIN 90 DAYS.
 - TO COMPLY WITH NPDES REQUIREMENTS, EROSION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH 1/2" RAINFALL EVENT OR AT LEAST MONTHLY. THE CONTRACTOR SHALL DOCUMENT SUCH INSPECTIONS AND EROSION CONTROL MAINTENANCE EFFORTS. INSPECTION RECORDS SHALL BE PROVIDED TO THE AGENCIES APPLICANT FOR PROPER REPORTING TO FILE.
 - TREE PROTECTION BARRICADES SHALL BE INSTALLED PRIOR TO ANY SITE DISTURBANCE AND LAND MOVING IMPACTS (I.E. ROOT RAKING, BUCKING, GRUBBING, ETC.) SHOULD TAKE PLACE OUTSIDE OF THE PROTECTION BARRICADE.
 - PROTECTED TREES SHALL REMAIN ONSITE AND ANY PROPOSED LAND CLEARING/LAND DISTURBING ACTIVITIES, INCLUDING THE PLACEMENT OF FILL/FILL MATERIALS, GRADING, EXCAVATING, ETC. SHALL NOT OCCUR UNTIL SUCH TIME AS APPROPRIATE PERMITS ARE ISSUED FOR SUCH SITE WORK.



CONTRACTOR TO NOTIFY SUNSHINE 811 A MINIMUM 2 BUSINESS DAYS IN ADVANCE PRIOR TO DIGGING WITHIN THE RIGHT OF WAY. 1-800-432-4770



NO.	DATE	REVISIONS

HAMMOND ENGINEERING, INC.
FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH "S" STREET
PENSACOLA, FLORIDA 32505
850 434-2603
FAX 850-434-2650
TOM@SELANDESIGN.COM

SITE DEVELOPMENT PLANS FOR BAYOU GRANDE STORAGE AMENDE

DEMOLITION & EROSION CONTROL PLAN

ESCAMBIA COUNTY FLORIDA

DRAWN BY: KWEIGUS
DESIGNED BY: RLB
CHECKED BY: TGH
DATE: 09-08-24
SCALE: AS SHOWN
NOT RELEASED FOR CONSTRUCTION

PROJECT NO: 19-063
SHEET: C3

Site Description

The proposed Bayou Grande Storage Amended project is located at 8521 Gulf Beach Highway and within the limits of Escambia County, Florida.

The project parcel is 2.92 acres. The development site is currently developed with improvements previously proposed & permitted with Bayou Grande Storage D.O. NO. 2002-419PSP. The current site topography is mostly flat and directs the stormwater runoff towards an existing FDOT conveyance swale located in the Gulf Beach Highway right of way. Following construction, all stormwater runoff generated from the proposed improvements will be designed to sheet flow to the proposed onsite stormwater management system (SMS). The SMS does not include a positive discharge and will retain all stormwater runoff generated during rainfall events up to and including a 100-year storm. It is expected that the majority of stormwater runoff will discharge to the north perimeter of the property during early construction activities such as clearing, demolition, and site grading. The first area to be graded should include excavation of the southern stormwater basin which will act as a sediment basin throughout construction. Once initial grading of the site is complete, all site runoff should be directed towards the excavated basin. The approximate latitude and longitude of the site discharge along the south boundary line of the parcel are 30°22'19.07" N & 87°19'36.71" W.

According to a the USDA SCS maps, the predominant soil types found on-site consist of #11 Hurricane Sand 0 to 5 percent slopes and #9 Leon Sand, 0 to 2 percent slopes. Groundwater may possibly impact construction and should be anticipated at the time of construction. Good site preparation practices should be employed by the site contractor to minimize the impact of groundwater on the project.

Erosion and Sedimentation Controls

Erosion and sedimentation from the construction site shall be controlled at all times using Best Management Practices (BMPs). Perimeter controls shall be installed prior to clearing activities or any construction activity that disturbs soils. Installation of those controls may be staged to correspond with the clearing and construction schedule. Immediate after clearing activities appropriate controls shall be installed to limit and minimize the velocity of stormwater runoff over unprotected soils. Temporary BMPs shall be used as necessary inside the perimeter controls as the construction progresses. Perimeter controls shall be actively maintained until final stabilization of those portions of the site uphill of the perimeter controls. Temporary controls shall be removed when stabilization is achieved or when necessary for the next stage of construction. Controls shall be consistent with the performance standards for erosion and sedimentation control as set forth in Section 62-40.432 F.A.C.

Stabilization and Structural Practices

Stabilization practices may include, but not limited to, temporary seeding, mulching, geotextiles, permanent sod and preservation of existing vegetation. Preservation of the existing vegetation should always be the first choice BMP. Where disturbed soils are to remain for extended periods, temporary seeding should be considered prior to final sod stabilization. A record shall be maintained of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site and when stabilization measures are initiated. Stabilization measures shall be initiated as soon as practicable, but in no case more than 14 days, in those areas of the site where construction activities have temporarily or permanently ceased.

Structural practices shall divert flows from exposed soils, store flows, retain sediment on-site, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include, but not limited to, silt fences, earth dikes, diversion swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems and temporary or permanent sediment basins.

Stormwater Management

Prior to any land disturbance taking place onsite, a single row of type III silt fencing shall be installed along the entire perimeter of the proposed construction area as illustrated on the demolition & erosion control plans. The proposed perimeter controls will limit the extends of construction, assist in deterring encroachment onto the adjacent properties, and preventing downstream sedimentation. In addition to the aforementioned silt fence, a gravel construction entrance shall be installed at all designated construction ingress/egress locations. After clearing and rough grading activities, check dams and additional silt fencing and hay bales shall be installed, as necessary, uphill of the perimeter controls to reduce runoff velocities and the potential for excessive erosion. Installation of stormwater inlets should take place next. As the grading activities progress, a depressed area shall be constructed around these inlets surrounded by hay bales and silt fencing for inlet protection. These depressed areas shall act as a sediment basin. The proposed retention pond should be under-excavated and all feasible on-site runoff shall be directed towards these basins during construction activities. Silt fencing, and hay bales if necessary, shall be installed across the outfalls until final stabilization is achieved. Erosion control facilities shall be actively maintained throughout the course of construction and shall remain until final stabilization is achieved and accepted by the owner.

Controls for Other Potential Pollutants

A materials management area shall be designated on-site for protected storage of chemicals, solvents, fertilizers and other potentially toxic materials. Storage areas can become a major source of risk due to possible mishandling of materials and accidental spills. An inventory should be compiled and maintained of the storage area and the site. Special care should be taken to identify any materials that have the potential to come into contact with stormwater.

Petroleum products such as all gasoline, lubricants and asphaltic substances should be handled carefully to minimize their exposure to stormwater. These management practices should be used to reduce the risks of using petroleum products:

- Have equipment available to contain and clean up petroleum spills in fuel storage areas or on board maintenance and fueling vehicles.
- Where possible, store petroleum products and fuel vehicles in covered areas and construct dikes to contain any spills.
- Contain and clean up petroleum spills immediately.
- Perform preventative maintenance for on-site equipment to prevent leakage.
- Apply asphaltic substances properly according to the manufacturer's instructions.

Hazardous products including, but not limited to, paints, acids for cleaning masonry surfaces, cleaning solvents, chemical additives used for soil stabilization, and concrete curing compounds should be properly handled. These practices will help avoid pollution of stormwater by these materials:

- Keep equipment to contain and clean up spills of hazardous materials in the areas where the materials are stored.
- Contain and clean up spills immediately after they occur.
- Keep materials in a dry, covered area.
- Store materials in the original manufacturer's containers whenever possible, because special handling instructions usually are printed on the containers.

Pesticides include insecticides, rodenticides, and herbicides that are commonly used on construction sites. These management practices will reduce the amounts of pesticides that could contact stormwater:

- Handle pesticides as infrequently as possible.
- Store materials in the original manufacturer's containers whenever possible, because special handling instructions usually are printed on the containers.
- Observe all applicable federal, state and local regulations when using, handling, or disposing of pesticides.
- Store pesticides in a dry, covered area.
- Provide curbs or dikes to contain spills.
- Have measures on site to contain and clean up spills.
- Strictly follow recommended application rates and methods.

Fertilizers and detergents usually contain nutrients that can be a major source of pollution in stormwater. These practices should be used to reduce the risks of nutrient pollution:

- Limit the application of fertilizers to the minimum area and the minimum recommended amounts.
- Reduce exposure of nutrients to stormwater runoff by working the fertilizer into the soil to a depth of 4 to 6 inches.
- Apply fertilizer more frequently, but at lower application rates.
- Limit hydroseeding in which lime and fertilizers are applied to the ground surface in one application.
- Implement good erosion and sediment control to help reduce the amount of fertilizer lost as a result of erosion.
- Limit the use of detergents on the site. Wash water containing detergents should not be discharged to the stormwater management system.
- Apply fertilizer and use detergents only in the recommended manner and amounts.

Proper management and disposal of building materials and other construction site wastes are an essential part of pollution prevention. Construction wastes include surplus or refuse building materials as well as hazardous wastes. Management practices for these wastes include trash disposal, recycling, material handling, and spill prevention and clean up. These practices should provide for proper disposal of construction wastes:

- Designate a waste disposal area on the site.
- Provide an adequate number of containers with lids or covers that can be placed over the container prior to rainfall.
- Locate containers in covered areas, where possible.
- Arrange for scheduled waste pick up. Adjust waste collection schedule as necessary to prevent overflow of the containers.
- Ensure that construction waste is collected, removed, and disposed of only at authorized disposal areas in compliance with applicable State and/or local waste disposal regulations.

Offsite vehicle tracking of sediments and the generation of dust shall be minimized. A stabilized construction access road shall be utilized to reduce off-site tracking. Off-site sediment removal should be conducted at frequency necessary to minimize impacts. Vehicle wash area should be considered if off-site tracking becomes excessive.

The construction site must have temporary sanitary sewer facilities for on-site personnel. Portable facilities may be utilized throughout the site. Licensed domestic waste haulers must be contracted to regularly remove the sanitary wastes and to maintain the facilities in good working order. The temporary construction trailer may have sanitary sewer facilities with a holding tank. A licensed domestic waste hauler shall also service this facility. An on-site septic system for the construction trailer in not allowed. Temporary sanitary sewer facilities shall be permitted by the local building department in accordance with applicable State and local regulations.

Maintenance and Inspection Controls

Controls of pollutants shall be maintained throughout construction period and until final stabilization is achieved. Qualified personnel shall inspect all points of discharge and all disturbed areas of the construction site that have not been finally stabilized. Areas used for storage of materials that are exposed to precipitation, structural controls, and locations where vehicles enter or exit the site at least once every seven calendar days and within 24 hours of the end of every storm event that produces at least 0.50 inches of rainfall. Where sites have been finally stabilized, such inspection shall be conducted at least once every month until a Notice of Termination has been submitted.

- **Stabilization Measures** - Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of or the potential for, pollutants leaving the site. The inspection should reveal whether the area was stabilized correctly, whether there has been damage to the area since it was stabilized, and what should be done to correct any problems.
- **Structural Controls** - Silt fences, hay bales and other erosion control measures shall be inspected regularly for proper positioning, and effectiveness in trapping sediments. The inspection should reveal whether the control was installed correctly, whether there has been damage to the control since installation, and what should be done to correct any problems. Sediment should be removed from the uphill side of the silt fence and the fence should be reconstructed as necessary. Hay bales shall be added or replaced as necessary to provide effective control.
- **Discharge Points** - Discharge points shall be inspected to determine whether erosion control measures are effective in preventing significant amounts of pollutants from leaving the site. Silt fences and hay bales shall be maintained or replaced as necessary.
- **Construction Entrances** - Locations where vehicles enter or exit the site shall be inspected for evidence of off-site sediment tracking. The inspection should reveal whether the stabilization of the construction entrance is effective, and what should be done to increase the effectiveness.
- **Areas Used for Storage of Exposed Materials** - These are locations where construction materials (including excavated soils) are stored. The inspection should reveal the potential for excessive erosion and sedimentation, and what actions should be implemented to reduce the risks of pollution.

Based on the result of the inspection, all maintenance operations needed to assure proper function of all controls, BMPs, practices or measures identified in this Plan shall be done in a timely manner, but in no case later than 7 calendar days following the inspection.

A Report summarizing the scope of each inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations related to the implementation of the stormwater pollution prevention plan, and modifications to the stormwater pollution prevention plan shall be prepared and retained as part of the stormwater pollution prevention plan for at least three years from the date that the site is finally stabilized. Such report shall identify any incidence of non-compliance.

IMPLEMENTED BMP'S

Type:	Implemented by:	Company Name, Contact Person, Address & Phone Number
Perimeter Silt Fencing/ Hay Bales		
Inlet Protection		
Temporary Construction Entrance		
Tree Barricades		

Contractor Certification

This Stormwater Pollution Prevention Plan must clearly identify, for each measure identified within the Stormwater Pollution Prevention Plan, the contractor(s) or subcontractor(s) that will implement each measure. All contractor(s) and subcontractor(s) identified in the Stormwater Pollution Prevention Plan must sign the following certification:

"I certify under penalty of law that I understand and shall comply with the terms and conditions of the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities and this Stormwater Pollution Prevention Plan prepared thereunder."

Name, Title	Signature	Company Name, Address & Phone Number	Date

Contractor Requirements

- The contractor is responsible for obtaining the required FDEP NPDES permit prior to land disturbance.
- The contractor must have technical expertise in erosion prevention and sediment control. The contractor must at all time maintain erosion control methods that prevent any violation of the NPDES program.

Faulty Installation and/or Poor Maintenance

Most noncompliance occurs because measures were not installed correctly or maintained properly, or both. Determining the reason why the measures are failing requires technical knowledge about the devices and how to construct them properly. Contractors failure to control erosion, sedimentation or turbidity both onsite and offsite is not acceptable. Failure to do so may result in possible fines and/or termination from the site without payment for construction progress.

Compliance

The goal of the program is to prevent accelerated erosion and off-site sedimentation. The contractor is the first person to determine if the performance standards and intent of the rule are being met. He/She is the key person in ensuring that the construction site is evaluated fairly and consistently and that the site is kept in compliance.

The erosion and sediment control rules are performance oriented. That is, the measures used at a construction site must be effective in controlling erosion and preventing off-site sedimentation for the site to be in compliance. Following an approved plan and installing the control measures may not be enough for a site to be in compliance with the rules. If erosion and off-site sedimentation occur, the contractor will be responsible for installing additional measures to correct any problem associated with compliance of the NPDES permit or any other permit required for the site construction. The contractor will also be completely responsible for any fines levied by any governing agency on the project during construction.

The rules are also flexible, allowing the contractor to decide the most economical and effective means of erosion control. This encourages the use of innovative techniques and specifically designed erosion control systems. The contractor is the key individual in making this kind of performance based rule work because the contractor is the first person to recognize performance failures and remedy the problems.

The contractor's job is to:

1. Determine that an erosion and sediment control plan for the site has been approved.
2. Determine that all specified practices have been installed and are being maintained according to the plan.
3. Determine that both on-site and off-site sedimentation, erosion or turbidity is being prevented. If the contractor finds deficiencies, appropriate action must be taken to attain compliance.

Control of Non-Stormwater Discharges

It is expected that the following non-stormwater discharges may occur from the site during construction period: water from water line flushing, pavement wash water (where no spills or leaks of toxic or hazardous materials have occurred), and uncontaminated groundwater (from dewatering excavation). If solid discharges do occur, they will be directed to the temporary sediment basin prior to discharge. Turbid water from the stormwater pond shall not be pumped directly into either of the receiving waters. Any pumped water from the stormwater pond shall be treated so as to not allow a discharge of polluted stormwater. Treatment can include silt fences, settling ponds, the proper use of flocculating agents or other appropriate means.

Responsible Authority

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Project Name and location information:	BAYOU GRANDE STORAGE AMENDED 8521 GULF BEACH HIGHWAY PENSACOLA, FL 32506
Responsible Authority Information:	
Project Contact:	

Name (Operator and/or Responsible Authority)

Date



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER NOTICE OF TERMINATION (RULE 62-621.300(6), F.A.C.)

You must use this form to terminate coverage under the Generic Permit for Stormwater Discharge from Large and Small Construction Activities provided in subsection 62-621.300(4), F.A.C., the Multi-Sector Generic Permit for Stormwater Discharge Associated with Industrial Activity provided in subsection 62-621.300(5), F.A.C. as well as the conditional exclusion for "no exposure" of industrial activities and materials to stormwater provided in paragraph 62-620.100(2)(e), F.A.C.

All information provided on this form shall be typed or printed in ink.

I. TERMINATION INFORMATION:

A. Facility ID/Project Number:	
B. Reason for Termination:	Check all that apply:
<input type="checkbox"/>	No longer operator of the facility/project.
<input type="checkbox"/>	Final stabilization criteria is met and all stormwater discharges associated with construction activity including dewatering operations have ceased (for construction activity only).
<input type="checkbox"/>	All stormwater discharges associated with industrial activity have ceased (for industrial activity only).
<input type="checkbox"/>	No longer meet the condition of "no exposure" (for industrial activity only).

II. OPERATOR INFORMATION:

A. Operator Name:		
B. Address:		
C. City:	D. State:	E. Zip Code:
F. Responsible Authority:		G. Responsible Authority's Phone No.:
H. Responsible Authority's E-mail Address:		I. Responsible Authority's Fax No.:

III. FACILITY/PROJECT INFORMATION:

A. Name:		
B. Address/Location:		
C. City:	D. State:	E. Zip Code:
F. County:		

IV. CERTIFICATION¹:

I certify under penalty of law that all stormwater discharges associated with industrial or construction activity from the identified facility or project that are authorized by the referenced State of Florida generic permit have been eliminated, the facility no longer meets the conditional exclusion for "no exposure" outlined in paragraph 62-620.100(2)(e), F.A.C., or that I am no longer the operator of the facility or project. I understand that by submitting this Notice of Termination, I am no longer authorized to discharge stormwater associated with industrial or construction activity under a generic permit, and that discharging pollutants to stormwater associated with industrial or construction activity to surface waters of the State is unlawful unless authorized by a permit issued pursuant to Section 403.0885, F.S. I also understand that the substantial of this Notice of Termination does not release an operator from liability for any violations of their generic permit or conditional exclusion for "no exposure" from NPDES stormwater permitting for industrial activities.

Responsible Authority Name and Official Title (Type or Print):
--

Responsible Authority Signature: _____ Date Signed: _____

¹ Signatory requirements are contained in Rule 62-620.305, F.A.C.

FDEP Form 62-621.300(6)
Effective Date: 02/2013

Stormwater Pollution Prevention Plan Inspection Report Form

Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater.

Project Name: _____ FDEP NPDES Stormwater Identification Number: _____

Location	Rain data	Type of control (see below)	Date installed/modified	Current Condition (see below)	Corrective Action / Other Remarks
	Weekly Report				

Condition Code:
G = Good M = Marginal, needs maintenance or replacement soon P = Poor, needs immediate maintenance or replacement
C = Needs to be cleaned O = Other

Control Type Codes			
1. Silt Fence	16. Storm drain inlet protection	19. Reinforced soil retaining system	28. Tree protection
2. Earth berm	11. Vegetative buffer strip	20. Stabilized aggregate roadway/parking	29. Detention pond
3. Structural diversion	12. Vegetative preservation area	21. Sediment Basin	30. Retention pond
4. Swale	13. Retention Pond	22. Temporary seed / sod	31. Waste disposal / housecleaning
5. Sediment Trap	14. Construction driveway stabilization	23. Permanent seed / sod	32. Dam
6. Check dam	15. Penstock ditch	24. Mulch	33. Sand Bag
7. Subsurface drain	16. Carb and gutter	25. Hay Bales	34. Turbidity Barrier
8. Pipe slope drain	17. Paved road surface	26. Geotextile	35. Dewatering (pump/house/filter/well point, etc.)
9. Level spreads	18. Rock outlet protection	27. Rip-rap	36. Other

Inspector Information:
Name: _____ Qualification: _____ Date: _____

The above signatures shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non-compliance identified above.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name (Responsible Authority) _____ Date _____

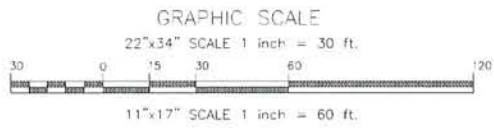
REVISIONS
NO.
DATE

HAMMOND ENGINEERING, INC.
FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH 5TH STREET
PENSACOLA, FLORIDA 32505
850 434-2603
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TOM@SELANDESIGN.COM

SITE DEVELOPMENT
PLANS FOR
BAYOU GRANDE
STORAGE AMENDED
STORMWATER POLLUTION
PREVENTION PLAN
ESCAMBIA COUNTY FLORIDA

DRAWN BY: KWEGUS
DESIGNED BY: RLS
CHECKED BY: TOM
DATE: 08-08-24
SCALE: AS SHOWN
NOT RELEASED FOR
CONSTRUCTION
BY: _____ DATE: _____

PROJECT NO: 19-063
SHEET: C4



LEGEND:

	DENOTES EXISTING ASPHALT		DENOTES EXISTING FIRE HYDRANT
	DENOTES EXISTING GRAVEL		DENOTES EXISTING WATER VALVE
	DENOTES EXISTING CONCRETE		DENOTES EXISTING SEWER VALVE
	DENOTES COMPACTED ASPHALT MILLINGS CONSTRUCTED WITH BAYOU GRANDE STORAGE D.O. NO. 2002419PSP		DENOTES EXISTING GAS LINE MARKER
	DENOTES CONCRETE CONSTRUCTED WITH BAYOU GRANDE STORAGE D.O. NO. 2002419PSP		DENOTES EXISTING TELEPHONE PEDESTAL
	DENOTES EXISTING CHAIN LINK FENCE		DENOTES EXISTING CABLE TV PEDESTAL
	DENOTES EXISTING OVERHEAD ELECTRICAL		DENOTES EXISTING SEWER MANHOLE
	DENOTES EXISTING STORM PIPE		DENOTES EXISTING WATER METER
	DENOTES EXISTING STREET SIGNS		DENOTES EXISTING BACKFLOW PREVENTOR
	DENOTES PROPOSED SPLIT RAIL FENCE		DENOTES EXISTING MAILBOX
	DENOTES PROPOSED CHAIN LINK FENCE		DENOTES EXISTING UTILITY POLE
			DENOTES EXISTING LIGHT POLE
			DENOTES EXISTING GUY ANCHOR

SITE DATA:
PARCEL ZONING: HC/U
FLU: MU-U
BUILDING SETBACKS REQUIRED:
FRONT SETBACK = 15'
REAR SETBACK = 15'
SIDE SETBACK = 10'
MAXIMUM IMPERVIOUS SURFACE: 85%
MAXIMUM BUILDING HEIGHT: 15'
MAXIMUM FLOOR AREA RATIO: 2.0 (MU-U)

SOLID WASTE NOTE:
SOLID WASTE TO BE DISPOSED OF VIA 55 GAL. TRASH CAN AND PRIVATE HAULER

PARKING CALCULATIONS:
PROPOSED BOAT/RV STORAGE YARD
NO PARKING REQUIRED
NO PARKING PROPOSED

EXISTING SITE AREA: 127,058 SF - 2.92 ACRES

IMPERVIOUS and PERVIOUS AREA		EXISTING	REMOVE	NEW	POST-CONSTRUCTION	NET CHANGE
BUILDINGS (POLE BARN/S)		0 SF	0 SF	0 SF	0 SF	NO CHANGE
ASPHALT/CONCRETE		671 SF	0 SF	0 SF	671 SF	NO CHANGE
FILLED ASPHALT AREA		83,137 SF	0 SF	0 SF	83,137 SF	NO CHANGE
TOTAL IMPERVIOUS AREA		83,808 SF	0 SF	0 SF	83,808 SF	NO CHANGE
ROCK AREA		0 SF	0 SF	0 SF	0 SF	NO CHANGE
LANDSCAPE AREA		43,250 SF	0 SF	0 SF	43,250 SF	NO CHANGE
PERCENTAGE OF LANDSCAPE		34%			NO CHANGE	NO CHANGE

PARKING DATA		EXISTING	REMOVE	NEW	POST-CONSTRUCTION	NET
NON-HANDICAPPED SPACES		0	0	0	0	N/A
HANDICAPPED SPACES		0	0	0	0	N/A

FIRE SAFETY NOTES

- FIRE DEPT. ACCESS ROADS SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF 20'
- FIRE DEPT. ACCESS ROADS SHALL HAVE A MINIMUM UNOBSTRUCTED VERTICAL CLEARANCE OF 13'-6"
- THE REQUIRED WIDTH OF A FIRE DEPT. ACCESS ROAD SHALL NOT BE OBSTRUCTED IN ANY MANNER, INCLUDING BY THE PARKING OF VEHICLES
- FIRE DEPARTMENT ACCESS ROAD SHALL EXTEND TO WITHIN 50 FT (150 FT IF THE BUILDING IS PROTECTED BY A FIRE SPRINKLER SYSTEM) OF AT LEAST ONE EXTERIOR DOOR THAT CAN BE OPENED FROM THE OUTSIDE AND THAT PROVIDES ACCESS TO THE INTERIOR OF THE BUILDING
- FIRE DEPARTMENT ACCESS ROADS SHALL BE PROVIDED SUCH THAT ANY PORTION OF THE FACILITY OR ANY PORTION OF AN EXTERIOR WALL OF THE FIRST STORY OF THE BUILDING IS LOCATED NOT MORE THAN 150 FT (450 FT IF THE BUILDING IS PROTECTED BY A FIRE SPRINKLER SYSTEM) FROM FIRE DEPARTMENT ACCESS ROADS AS MEASURED BY AN APPROVED ROUTE AROUND THE EXTERIOR OF THE BUILDING OR FACILITY.
- FIRE DEPARTMENT ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF FIRE APPARATUS AND SHALL BE PROVIDED WITH AN ALL-WEATHER DRIVING SURFACE, MINIMUM OF 40 TONS

ADJACENT PROPERTY INFORMATION

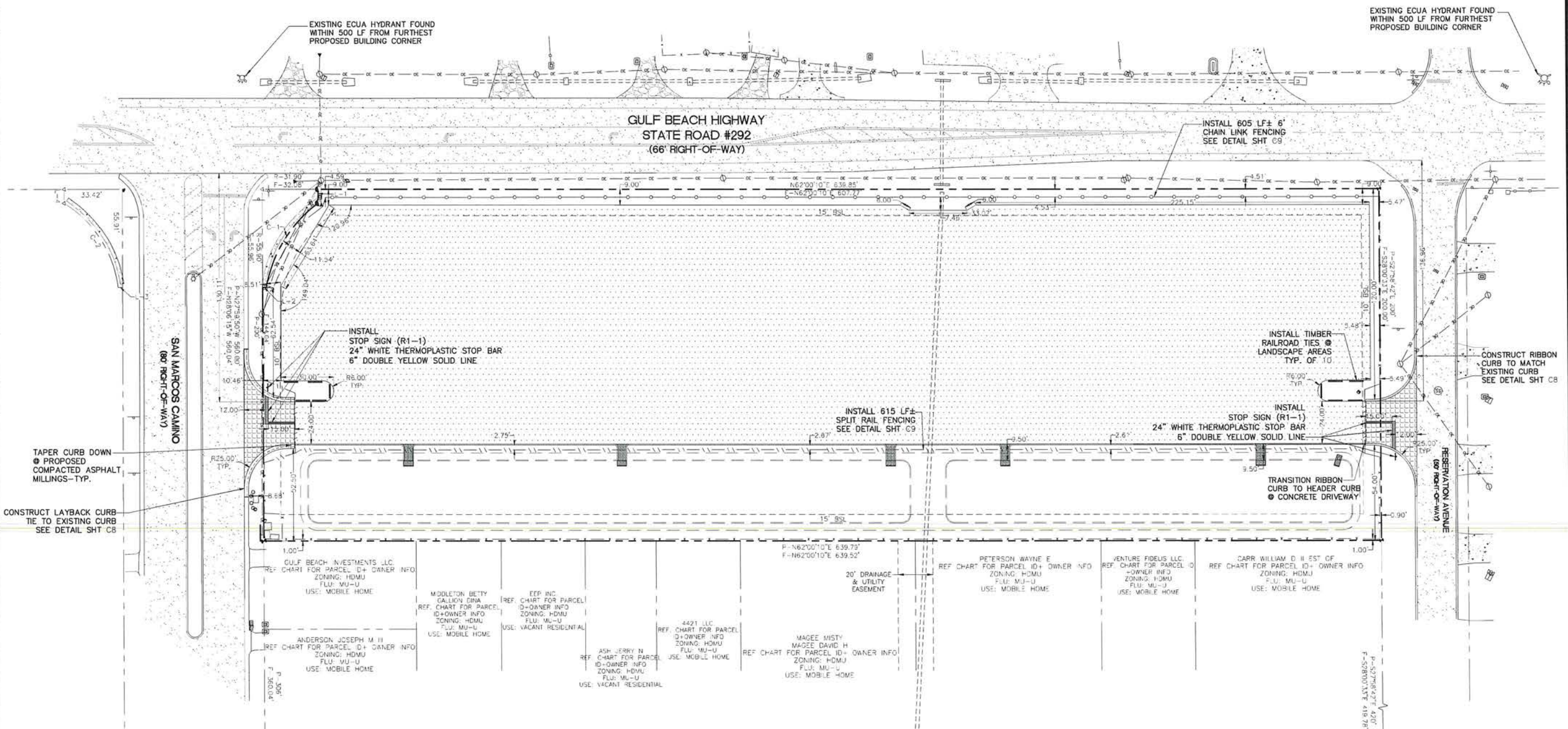
PARCEL ID	OWNER	OWNER ADDRESS
33-25-31-2409-012-007	GULF BEACH INVESTMENTS LLC	5609 ORANGE LAKEWAY CT PENSACOLA, FL 32507
33-25-31-2409-013-007	ANDERSON JOSEPH M II	8506 SAN JUAN CALZADA PENSACOLA, FL 32507
33-25-31-2409-014-007	MIDDLETON BETTY	THE BASKETT RD PALESTINE, TX 75803
33-25-31-2409-010-007	EEP INC	PO BOX 116 647 BRITNEY BL PENSACOLA, FL 32507
33-25-31-2409-009-007	ASH JERRY N	13713 SIVER RD PENSACOLA, FL 32507
33-25-31-2409-008-007	4421 LLC	11348 CHIEF WY SEWON RD EVANSVILLE, IN 47712
33-25-31-2409-007-007	MAJEE MISTY	8430 SAN JUAN CALZADA PENSACOLA, FL 32507
33-25-31-2409-004-007	PETERSON WAYNE E	PO BOX 16099 PENSACOLA, FL 32507
33-25-31-2409-003-007	VENTURE FIDELIS LLC	38 S BLUE ANGEL PKWY # 351 PENSACOLA, FL 32508
33-25-31-2409-001-007	CARR WILLIAM D II EST OF	8442 SAN JUAN CALZADA PENSACOLA, FL 32507

CURVE TABLE

RECORD	CURVE	RADIUS	DELTA	LENGTH	CHORD	CHORD BEARING
RECORD C-1	C-1	77.78'	N/A	57.96'	56.63'	S33°42'25"W
RECORD C-1	C-1	77.78'	42°39'31"	57.97'	56.55'	S33°42'25"W
RECORD C-2	C-2	66.66'	N/A	58.94'	57.04'	S89°44'12"E
RECORD C-2	C-2	66.66'	50°43'15"	59.01'	57.10'	S89°49'22"E

LINE TABLE

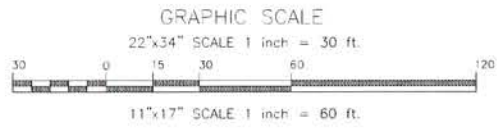
RECORD	LINE	BEARING	LENGTH
RECORD L-1	L-1	S27°59'50"E	7.75'
RECORD L-1	L-1	S37°52'25"E	7.65'
RECORD L-2	L-2	S62°00'0"W	2.10'
RECORD L-2	L-2	S81°53'45"W	2.10'
RECORD L-3	L-3	N62°00'10"E	2.57'
REF	L-4	S27°59'50"E	7.93'



HAMMOND ENGINEERING, INC.
FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH "S" STREET
PENSACOLA, FLORIDA 32505
850 434-2603
FAX 850-434-2650
TOM@SELANDESIGN.COM

SITE DEVELOPMENT PLANS FOR BAYOU GRANDE STORAGE AMENDED SITE PLAN
ESCAMBIA COUNTY FLORIDA

DRAWN BY: KWECJUS
DESIGNED BY: RLB
CHECKED BY: TGH
DATE: 08/08/24
SCALE: AS SHOWN
NOT RELEASSED FOR CONSTRUCTION
BY: DATE:
PROJECT NO: 19-063
SHEET: C5



LEGEND:

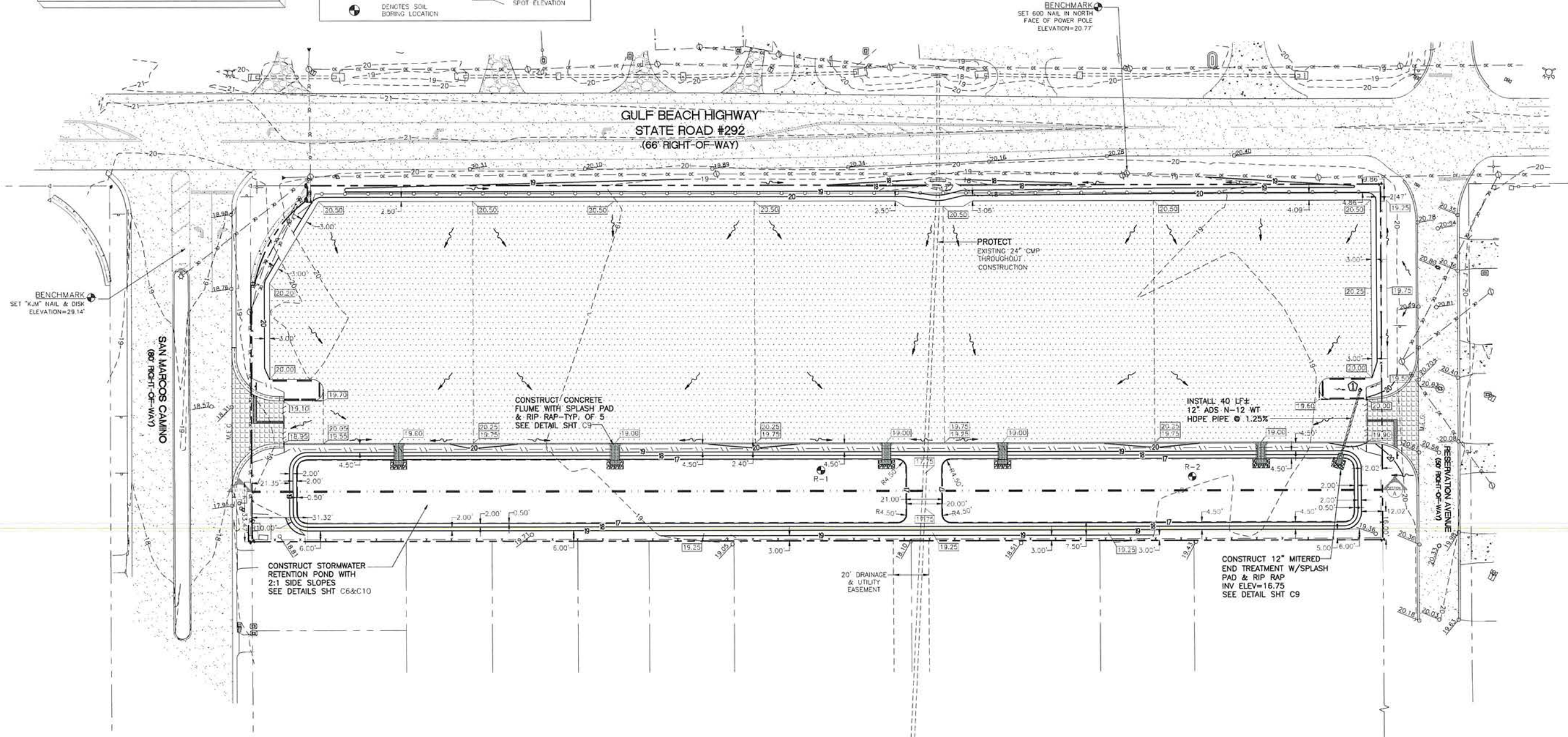
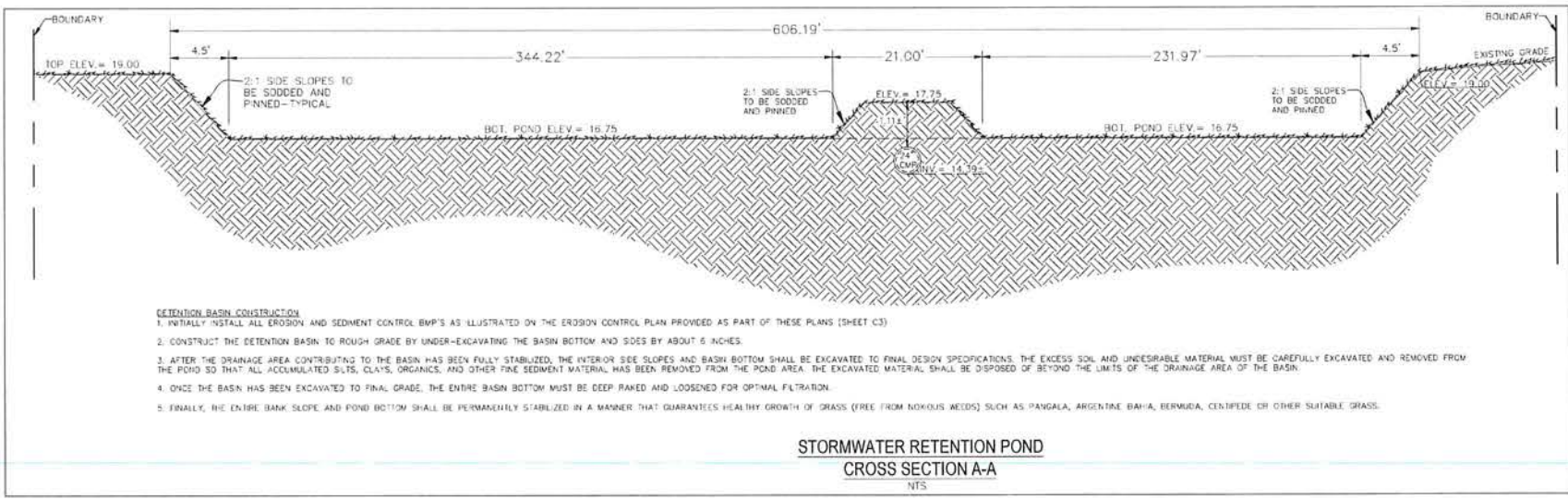
	DENOTES EXISTING ASPHALT		DENOTES EXISTING FIRE HYDRANT
	DENOTES EXISTING GRAVEL		DENOTES EXISTING WATER VALVE
	DENOTES EXISTING CONCRETE		DENOTES EXISTING SEWER VALVE
	DENOTES COMPACTED ASPHALT MILLINGS CONSTRUCTED WITH BAYOU GRANDE STORAGE D.O. NO. 2002419PSP		DENOTES EXISTING GAS LINE MARKER
	DENOTES CONCRETE CONSTRUCTED WITH BAYOU GRANDE STORAGE D.O. NO. 2002419PSP		DENOTES EXISTING TELEPHONE PEDESTAL
	DENOTES EXISTING CHAIN LINK FENCE		DENOTES EXISTING CABLE TV PEDESTAL
	DENOTES EXISTING OVERHEAD ELECTRICAL		DENOTES EXISTING SEWER MANHOLE
	DENOTES EXISTING STORM PIPE		DENOTES EXISTING WATER METER
	DENOTES EXISTING STREET SIGNS		DENOTES EXISTING BACKFLOW PREVENTOR
	DENOTES PROPOSED SPLIT RAIL FENCE		DENOTES EXISTING MALBOX
	DENOTES PROPOSED CHAIN LINK FENCE		DENOTES EXISTING UTILITY POLE
	M.E.G. MATCH EXISTING GRADE		DENOTES EXISTING LIGHT POLE
	DENOTES EXISTING SPOT ELEVATION		DENOTES EXISTING GUY ANCHOR
	DENOTES BENCHMARK LOCATION		DENOTES PROPOSED DUAL SPOT ELEVATION TOP # TOP OF CURB/SIDEWALK BOTTOM # ASPHALT/CONC. ELEV.
	DENOTES SOIL BORING LOCATION		DENOTES PROPOSED SPOT ELEVATION

STORM STRUCTURE DATA TABLE

PROPOSED INLETS & STORM STRUCTURES TO CONSIST OF:

- 18" NYLOPLAST DRAIN BASIN W/18" STANDARD GRATE

1	18" NYLOPLAST DRAIN BASIN
	TOP ELEV=19.25
	IN ELEV OUT (SW)=17.25
	BOTTOM ELEV=16.75



NO.	DATE	REVISIONS

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH "S" STREET
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 TOM@SELANDESIGN.COM

SITE DEVELOPMENT PLANS FOR BAYOU GRANDE STORAGE AMENDED GRADING & DRAINAGE PLAN

ESCAMBIA COUNTY FLORIDA

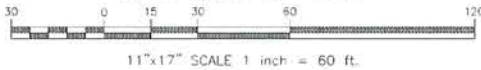
DRAWN BY: KWEIGUS	DESIGNED BY: RLS
CHECKED BY: TGH	DATE: 08-08-24
SCALE: AS SHOWN	NOT RELEASABLE FOR CONSTRUCTION
BY:	DATE:
PROJECT NO: 19-063	
SHEET: C6	

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GRAPHIC SCALE

22"x34" SCALE 1 inch = 30 ft.

11"x17" SCALE 1 inch = 60 ft.



LEGEND:

- | | | | |
|--|---|--|---|
| | 2. DENOTES EXISTING ASPHALT | | 1. DENOTES EXISTING FIRE HYDRANT |
| | 3. DENOTES EXISTING GRAVEL | | 2. DENOTES EXISTING WATER VALVE |
| | 4. DENOTES EXISTING CONCRETE | | 3. DENOTES EXISTING SEWER VALVE |
| | 5. DENOTES COMPACTED ASPHALT MILLINGS CONSTRUCTED WITH BAYOU GRANDE STORAGE D.O. NO. 2002419PSP | | 4. DENOTES EXISTING GAS LINE MARKER |
| | 6. DENOTES COMPACTED CONCRETE CONSTRUCTED WITH BAYOU GRANDE STORAGE D.O. NO. 2002419PSP | | 5. DENOTES EXISTING TELEPHONE PEDESTAL |
| | 7. DENOTES PROPOSED SOD (BAHAI RECOMMENDED) | | 6. DENOTES EXISTING CABLE TV PEDESTAL |
| | 8. DENOTES EXISTING CHAIN LINK FENCE | | 7. DENOTES EXISTING SEWER MANHOLE |
| | 9. DENOTES EXISTING OVERHEAD ELECTRICAL | | 8. DENOTES EXISTING WATER METER |
| | 10. DENOTES EXISTING STORM PIPE | | 9. DENOTES EXISTING BACKFLOW PREVENTOR |
| | 11. DENOTES EXISTING STREET SIGNS | | 10. DENOTES EXISTING MAILBOX |
| | 12. DENOTES RED OAK (OR APPROVED EQUAL CANOPY TREE) TO BE PLANTED TYPICAL OF 8 | | 11. DENOTES EXISTING UTILITY POLE |
| | 13. DENOTES RED MAPLE (OR APPROVED EQUAL CANOPY TREE) TO BE PLANTED TYPICAL OF 8 | | 12. DENOTES PROPOSED SPLIT RAIL FENCE |
| | 14. DENOTES INDIAN HAWTHORNE SHRUB (OR APPROVED EQUAL) TO BE PLANTED TYPICAL OF 12B | | 13. DENOTES WAX MYRTLE UNDERSTORY TREE TO BE PLANTED (OR APPROVED EQUAL) TYPICAL OF 6 |
| | | | 14. DENOTES SILVERBELL UNDERSTORY TREE TO BE PLANTED (OR APPROVED EQUAL) TYPICAL OF 7 |

REQUIRED LANDSCAPE PLANTING DATA

SOUTH BOUNDARY LINE: PROVIDE TYPE 'B' BUFFER AS PER 2-2.2(a) DESIGN STANDARDS MANUAL (GENERAL COMMERCIAL USE ADJUTING SINGLE FAMILY RESIDENTIAL) SUPPLEMENTED W/8' CHAIN-LINK FENCE W/WHITE SLATS OR OPALQUE MESH. 16' WIDE x 640' LONG BUFFER.

2.5 CANOPY TREES REQ'D/100 LF (640/100)*2.5 = 16 CANOPY TREES REQ'D
2.0 UNDERSTORY TREES REQ'D/100 LF (640/100)*2.0 = 13 UNDERSTORY TREES REQ'D
23 SHRUBS REQ'D/100 LF (640/100)*2.0 = 128 SHRUBS REQ'D

INTERIOR PARKING LOT: PLANT ONE (1) CANOPY TREE AT TERMINUS OF PARKING ROWS AS PER CH. 2, ART. 2, SEC. 2-2.2(c) DESIGN STANDARDS MANUAL.
NO CANOPY TREES TO BE PLANTED DUE TO OVERHEAD UTILITIES.

EAST BOUNDARY LINE: NO BUFFER REQUIRED, RESERVATION AVENUE RIGHT OF WAY. PROVIDE 5' LANDSCAPE STRIP AS PER CH. 2, ART. 2, SEC. 2-2.2(b) DESIGN STANDARDS MANUAL.

WEST BOUNDARY LINE: NO BUFFER REQUIRED, SAN MARCOS CAMINO RIGHT OF WAY. PROVIDE 5' LANDSCAPE STRIP AS PER CH. 2, ART. 2, SEC. 2-2.2(c) DESIGN STANDARDS MANUAL.

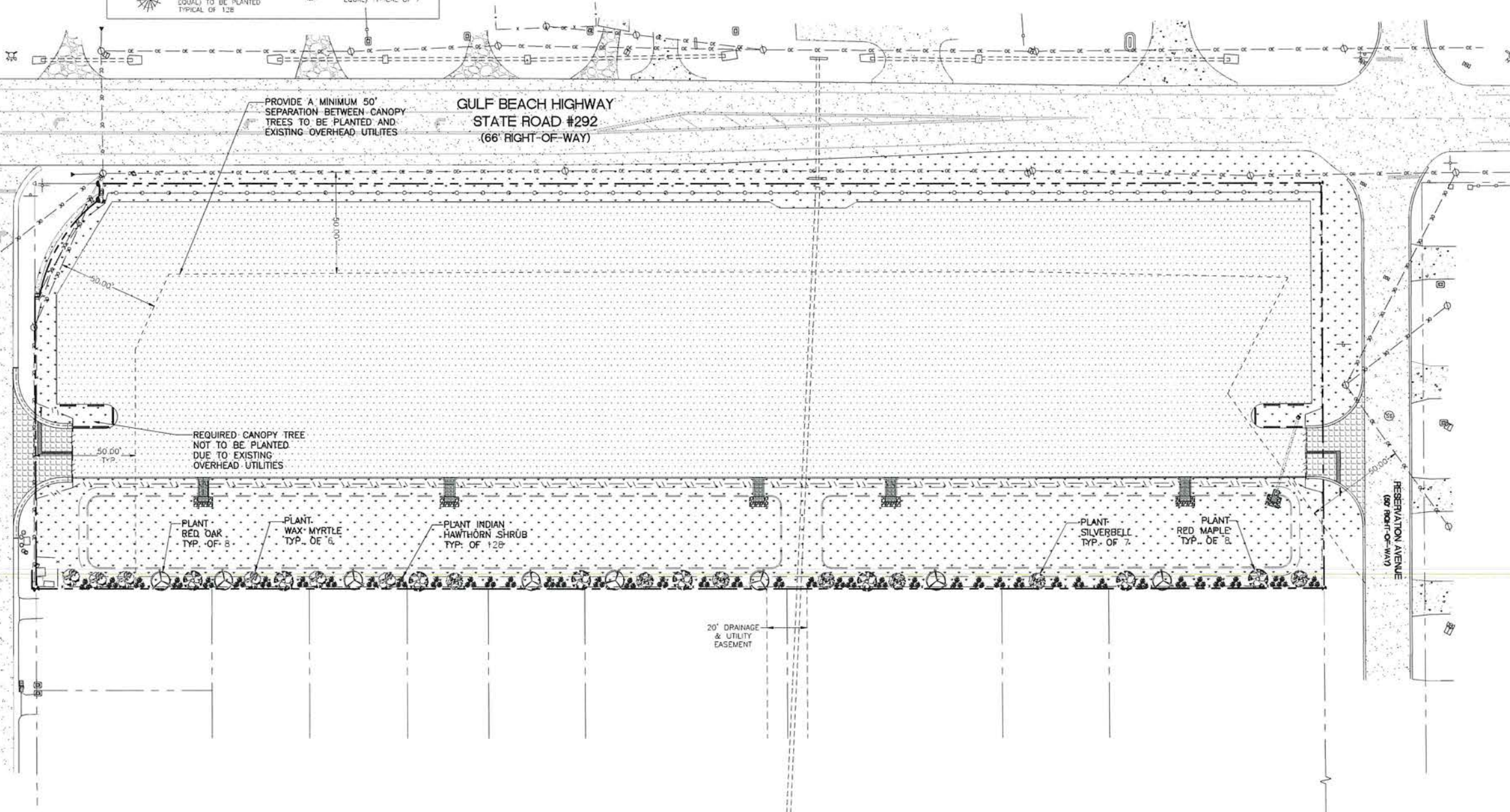
NORTH BOUNDARY LINE: NO BUFFER REQUIRED, GULF BEACH HIGHWAY RIGHT OF WAY. PROVIDE 5' LANDSCAPE STRIP AS PER CH. 2, ART. 2, SEC. 2-2.2(b) DESIGN STANDARDS MANUAL.

- LANDSCAPING NOTES:**
- THE CONTRACTOR IS TO BE AWARE OF UNDERGROUND UTILITIES THROUGHOUT LANDSCAPED AREAS THAT MAY NOT BE ILLUSTRATED ON THIS PLAN. CONTRACTOR SHALL VERIFY LOCATION AND PROTECT ALL UTILITIES DURING EXCAVATION AND/OR FINISH GRADING ACTIVITIES.
 - THE CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGE TO EXISTING UTILITIES, DRIVEWAYS, PAVING OR OTHER ELEMENTS IN PLACE AT THE COMMENCEMENT OF HIS WORK, AT NO ADDITIONAL COST TO THE OWNER.
 - ANY ADJUSTMENT TO THIS PLAN DUE TO EXISTING CONDITIONS NOT REFLECTED ON THIS PLAN WILL BE RESOLVED AT THE TIME OF INSTALLATION.
 - FINISH GRADES FOR ALL PLANTING SOO AND SEED AREAS SHALL BE ESTABLISHED AND APPROVED BY THE OWNER/DEVELOPER PRIOR TO PLANTING, SOODING OR SEEDING.
 - ALL "BRUSH AND CONSTRUCTION DEBRIS" SHALL BE REMOVED FROM THE SITE PRIOR TO ESTABLISHMENT OF FINISH GRADES.
 - ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH ACCEPTED HORTICULTURE PRACTICES. THIS SHALL INCLUDE PROPER PLANTING SOO, MAX PLANT BED AND TREE PIT PREPARATION, PLANTING STAKES OR GUYS, FERTILIZATION AND AEROSOLS MAINTENANCE (JTB), ACCEPTANCE BY OWNER/DEVELOPER.
 - ALL PLANT MATERIALS USED SHALL CONFORM TO THE STANDARDS FOR FLORIDA NO. 1 OR BETTER AS GIVEN IN "GRADES AND STANDARDS FOR NURSERY PLANTS", CURRENT EDITION, STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF PLANT INDUSTRY, TALLAHASSEE, FLORIDA. IN ADDITION, ALL PLANT MATERIAL SHALL BE FREE FROM INSECT AND DISEASE.
 - PLANT CONTAINERS SHALL BE REMOVED PRIOR TO PLANTING. IF PLANTS ARE NOT CONTAINER GROWN, REMOVE A MINIMUM OF THE TOP 1/3 OF BURLAP, FABRIC OR WIRE MESH.
 - ROOT BALLS SHALL BE FLUSH WITH FINISHED GRADE.
 - BACKFILL SHALL BE LOOSELY EXISTING SOO. REMOVE ROCKS, STICKS OR OTHER DELETERIOUS MATERIAL GREATER THAN 1" IN ANY DIRECTION PRIOR TO BACKFILLING. WATER AND TAMP TO REMOVE AIR POCKETS. IF EXISTING SOO CONTAIN EXCESSIVE SAND, CLAY OR OTHER EXTRANEIOUS MATERIAL, NOT CONDUVIVE TO PROPER PLANT GROWTH CONTACT LANDSCAPE ARCHITECT PRIOR TO PLANTING.
 - SOO RADII SHALL BE CONSTRUCTED OF EXISTING SOO AT THE OUTER EDGE OF THE TREE PLANTING PIT WITH A HEIGHT AND WIDTH OF 4".
 - WRAPPING SHALL BE MINIMUM 17" WIDE NYLON OR POLYPROPYLENE GUTTING MATERIAL IN CONTACT WITH TREE SHALL BE 50FT. DURABLE, FLEXIBLE RUBBER.
 - SARAL PALMS (IF PLANTED) MAY BE SUBSIDIANE OUT. ALL OTHERS MUST HAVE FRONKS TIED WITH BIODEGRADABLE STRAP. FRONKS SHALL HAVE NO SCARS OR SANDING.
 - NO PROPOSED IRRIGATION AT THIS TIME. OWNER SHALL BE RESPONSIBLE FOR MAINTENANCE AND RE-WATERING OF ALL PLANTED MATERIAL.
 - ALL GREEN AREAS FOUND WITHIN THE PROJECT BOUNDARIES ARE TO BE FULLY STABILIZED PRIOR TO REQUESTING FINAL INSPECTION. AREAS NOT ILLUSTRATED AS SOODED OR CONTAINING GRASS SEED MUST BE SEED.

- ESCAMBIA COUNTY LANDSCAPING REQUIREMENTS:**
- 15 PERCENT OF THE TOTAL DEVELOPABLE SITE SHALL BE DEVOTED TO LANDSCAPING/GRREEN SPACE.
 - QUALITY: ALL PLANTS REQUIRED BY THIS SECTION SHALL CONFORM TO THE STANDARDS FOR FLORIDA GRADE NO. 1, OR BETTER, AS PROVIDED IN THE LATEST EDITION OF GRADES AND STANDARDS FOR NURSERY PLANTS, DIVISION OF PLANT INDUSTRY, FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.
 - SPECIES: ALL LANDSCAPING SHALL UTILIZE NATIVE PLANT SPECIES OR THOSE SPECIES LISTED IN THE FLORIDA-FRIENDLY LANDSCAPING GUIDE TO PLANT SELECTION AND LANDSCAPE DESIGN.
 - SIZE: TREES PLANTED TO FULFILL THE MINIMUM LANDSCAPE REQUIREMENTS OF THIS SECTION SHALL NORMALLY ATTAIN A MATURE HEIGHT OF AT LEAST 20 FEET AND HAVE A MINIMUM CALIPER OF TWO AND ONE-HALF INCHES OR GREATER MEASURED AT FOUR INCHES ABOVE ROOT BALL AT PLANTING. THE FOLLOWING ADDITIONAL CRITERIA APPLY:
 - NON-NATIVE SPECIES: NON-NATIVE SPECIES ARE LIMITED TO 25 PERCENT OR LESS OF THE TOTAL REQUIRED TREES PLANTED.
 - DIVERSITY: THE DIVERSITY OF ANY TREES REQUIRED TO BE PLANTED ON A SITE SHALL CORRELATE WITH THE FOLLOWING LIMITS TO AVOID UNIFORM SITE TILL SECTING FROM PESTS OR DISEASE:
 - A MAXIMUM OF 40% OF THE TOTAL TREES TO BE PLANTED MAY BE OF THE SAME SPECIES.
 - USE OF PALMS: PALMS DO NOT COMPLY WITH DEFINITION OF TREE FOR THE PURPOSES OF THESE LANDSCAPING PROVISIONS. HOWEVER, NON-RESISTANT SPECIES MAY BE SUBSTITUTED AT THE RATIO OF TWO PALMS FOR ONE REQUIRED TREE FOR UP TO 50 PERCENT OF TREES REQUIRED FOR DEVELOPMENT ON SANTA ROSA ISLAND OR PINNACLES KEY, EXCLUDING ANY TREES REQUIRED SPECIFICALLY FOR BUFFERING OR REPLACEMENTS FOR PROTECTED TREE REMOVAL. SUCH PALMS INCLUDE: DATE PALM (PHOENIX SPP. EXCEPT P. HEDYCATATA) AND CASABE OF SABAL (SABAL PALMETO).
 - ALL SHRUBS SHALL BE A MINIMUM OF 12 INCHES IN HEIGHT AT TIME OF PLANTING.
 - THEY GRASS: CONSISTENT WITH FLORIDA-FRIENDLY PRACTICES, DEVELOPMENT SHOULD CONSOLIDATE AND LIMIT THE USE OF MOST TURF GRASSES TO ESSENTIAL AREAS. WHEN USED, GRASS SHALL BE SPECIES NORMALLY GROWN AS PERMANENT LAWNS IN ESCAMBIA COUNTY. ALL SOO SHALL BE CLEAN AND READILY FREE OF WEEDS, HOODS, PESTS, AND DISEASES. WHEN GRASS AREAS ARE TO BE SEED, SPRIGGED, OR PLANTED, SPECIFICATIONS MUST BE SUBMITTED. SUBSTANTIAL COVERAGE MUST BE ACHIEVED WITHIN 180 DAYS AND NURSE GRASS SHALL BE SOON FOR IMMEDIATE EFFECTS AND PROTECTION UNTIL COVERAGE IS OTHERWISE ACHIEVED.
 - ALL PLANTS SHALL CONFORM TO THE STANDARDS OF FLORIDA GRADE NO. 1, OR BETTER, AS PROVIDED IN THE LATEST EDITION OF "GRADES AND STANDARDS OF NURSERY PLANTS", DIVISION OF PLANT INDUSTRY, FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES.
 - ALL PROTECTED TREES LOCATED ON-SITE SHALL REMAIN UNTIL THE APPROPRIATE PERMITS (ESC CO DEVELOPMENT ORDER, ESC CO SITE WORK PERMIT, ESC CO BOLLING PERMIT, ETC.) ARE ISSUED FOR THE DEVELOPMENT.
 - AT LEAST 50 PERCENT OF BUFFER TREES SHALL BE EVERGREEN SPECIES FOR EFFECTIVE BUFFERING YEAR-ROUND.

REQUIRED MITIGATION:

NO PROTECTED TREES TO BE REMOVED AS PART OF THIS DEVELOPMENT, NO MITIGATION REQUIRED. THERE ARE NO HERITAGE TREES ONSITE.



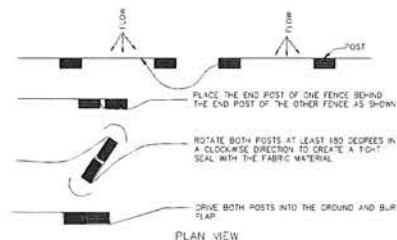
NO.	DATE	REVISIONS

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH "S" STREET
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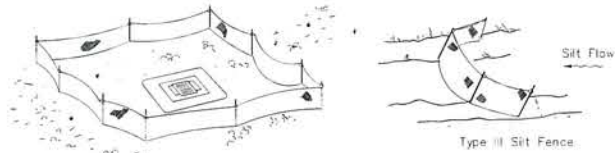
**SITE DEVELOPMENT
 PLANS FOR
 BAYOU GRANDE
 STORAGE AMENDED
 LANDSCAPING PLAN**

ESCAMBIA COUNTY FLORIDA

DRAWN BY: KWEIGUS	BY:
DESIGNED BY: RLS	DATE:
CHECKED BY: TOM	PROJECT NO: 19-063
DATE: 08-08-24	SHEET: C7
SCALE: AS SHOWN	
NOT RELEASED FOR CONSTRUCTION	



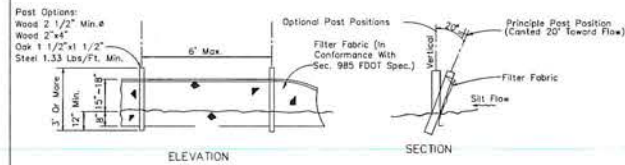
JOINING TWO SILT FENCES
N.T.S.



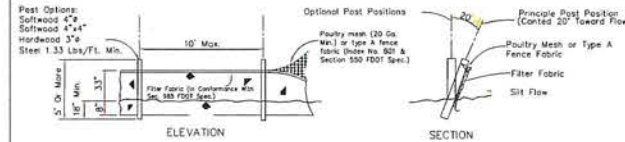
Type III Silt Fence Protection Around Ditch Bottom Inlets.

SILT FENCE APPLICATIONS
N.T.S.

Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

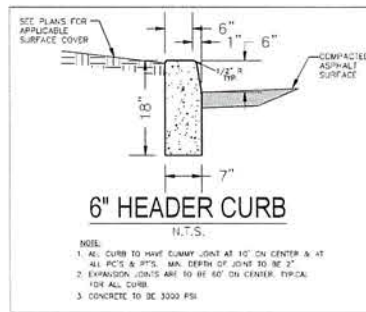


TYPE III SILT FENCE



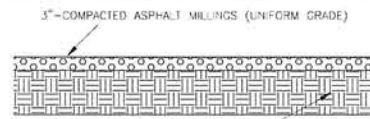
TYPE IV SILT FENCE

- NOTES FOR SILT FENCES:**
- TYPE III SILT FENCE TO BE USED AT MOST LOCATIONS WHERE USED IN DITCHES. THE SPACING FOR TYPE III SILT FENCE SHALL BE IN ACCORDANCE WITH CHART 1 (FOUND BELOW).
 - TYPE IV SILT FENCE TO BE USED WHERE LARGE SEDIMENT LOADS ARE ANTICIPATED. SUGGESTED USE IS WHERE FILL SLOPE IS 1:2 OR STEEPER AND LENGTH OF SLOPE EXCEEDS 25'. AVOID USE WHERE THE DETAINED WATER MAY BACK INTO TRAVEL LANES OR ADJACENT PROPERTY.
 - DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING WATER COURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.
 - WHERE USED AS SLOPE PROTECTION, SILT FENCE IS TO BE CONSTRUCTED ON OR LONGITUDINAL GRADE TO AVOID CHANNELIZING RUNOFF ALONG THE LENGTH OF THE FENCE.



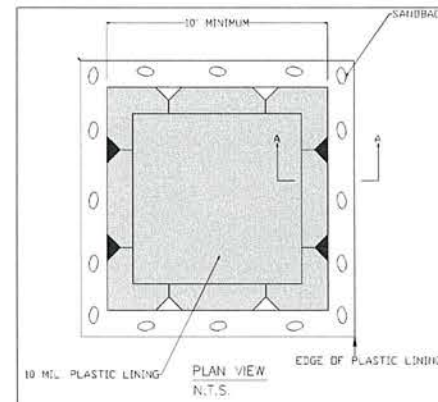
6" HEADER CURB
N.T.S.

- NOTE:**
- ALL CURB TO HAVE DUMMY JOINT AT 10' ON CENTER & AT ALL P.C.'S & P.T.'S. MIN. DEPTH OF JOINT TO BE 2".
 - EXPANSION JOINTS ARE TO BE 60' ON CENTER. TYPICAL FOR ALL CURB.
 - CONCRETE TO BE 3000 PSI.

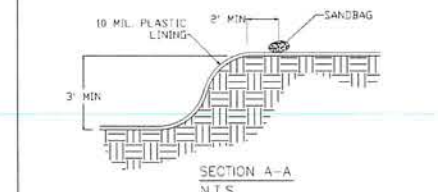


TYPICAL COMPACTED ASPHALT MILLINGS PARKING LOT SECTION
N.T.S.

NOTE: FINISHED SURFACE MUST WITHSTAND A MINIMUM OF 40 TONS.

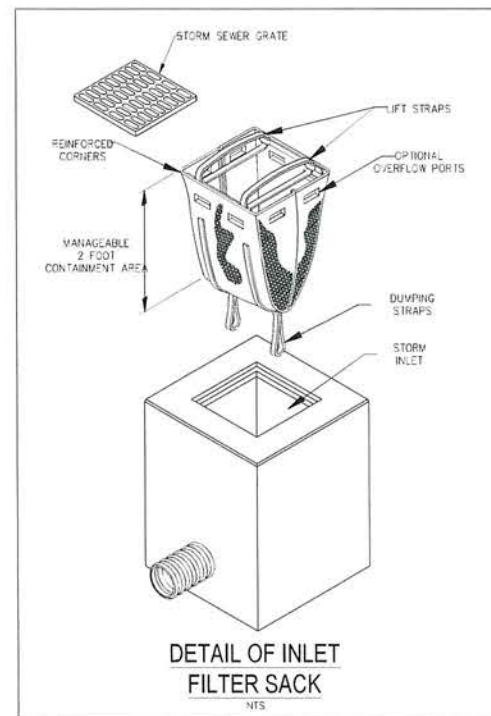


PLAN VIEW
N.T.S.

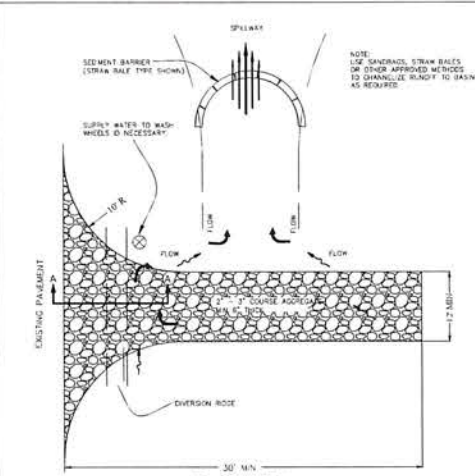


SECTION A-A
N.T.S.

CONCRETE WASHOUT DETAIL
N.T.S.

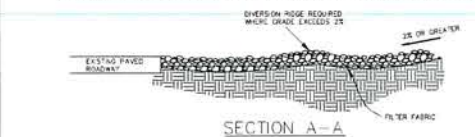


DETAIL OF INLET FILTER SACK
N.T.S.



PLAN VIEW

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE TO BE CONSTRUCTED AT ALL DESIGNATED CONSTRUCTION ENTRANCES AND EXITS

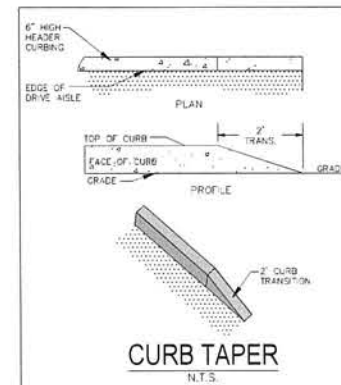


SECTION A-A

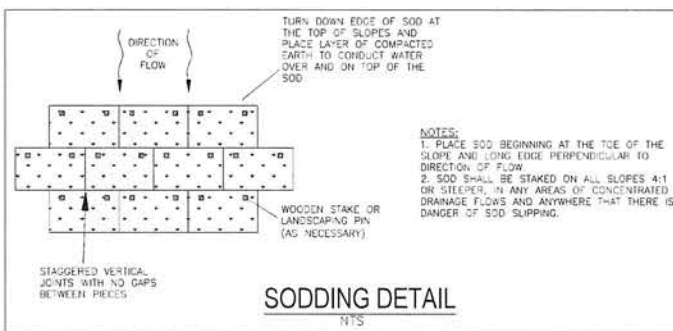
TEMPORARY CONSTRUCTION ENTRANCE
N.T.S.

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

Offsite vehicle tracking of sediments and generation of dust shall be minimized. A stabilized construction access road shall be utilized to reduce off-site tracking. Offsite sediment removal should be conducted as a frequency necessary to minimize impacts. Vehicle wash area should be considered if offsite tracking becomes excessive.

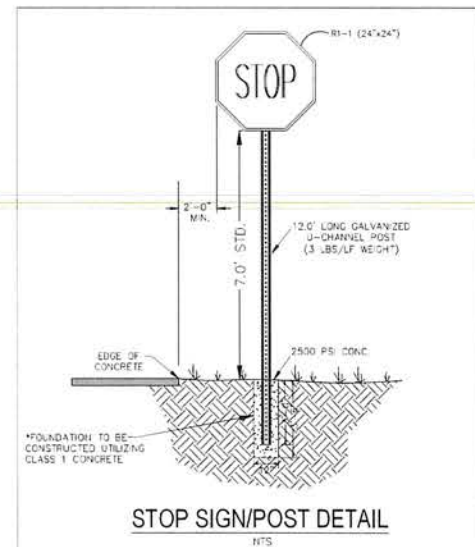


CURB TAPER
N.T.S.

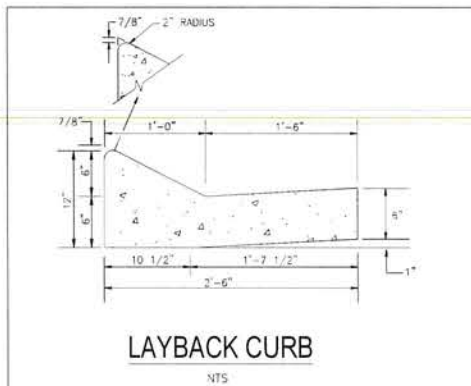


SODDING DETAIL
N.T.S.

- NOTES:**
- PLACE SOD BEGINNING AT THE TOE OF THE SLOPE AND LONG EDGE PERPENDICULAR TO DIRECTION OF FLOW.
 - SOD SHALL BE STAKED ON ALL SLOPES 4:1 OR STEEPER. IN ANY AREAS OF CONCENTRATED DRAINAGE FLOWS AND ANYWHERE THAT THERE IS DANGER OF SOD SLIPPING.

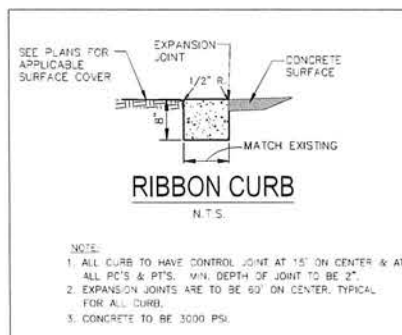


STOP SIGN/POST DETAIL
N.T.S.



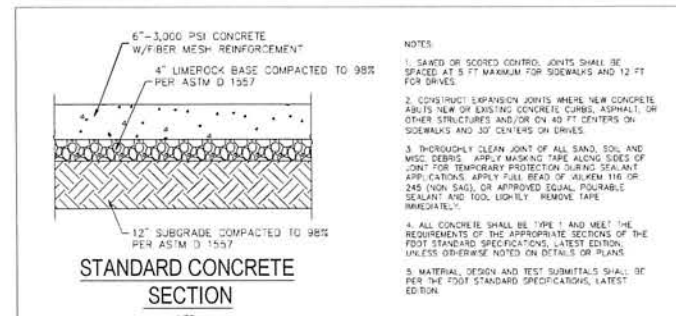
LAYBACK CURB
N.T.S.

- NOTES:**
- ALL CURB TO HAVE DUMMY JOINT AT 10' ON CENTER & AT ALL P.C.'S & P.T.'S. MIN. DEPTH OF JOINT TO BE 2".
 - EXPANSION JOINTS ARE TO BE 60' ON CENTER. TYPICAL FOR ALL CURB.
 - CONCRETE TO BE 3000 PSI.



RIBBON CURB
N.T.S.

- NOTE:**
- ALL CURB TO HAVE CONTROL JOINT AT 10' ON CENTER & AT ALL P.C.'S & P.T.'S. MIN. DEPTH OF JOINT TO BE 2".
 - EXPANSION JOINTS ARE TO BE 60' ON CENTER. TYPICAL FOR ALL CURB.
 - CONCRETE TO BE 3000 PSI.



STANDARD CONCRETE SECTION
N.T.S.

- NOTES:**
- SAND OR SCORED CONTROL JOINTS SHALL BE SPACED AT 5 FT MAXIMUM FOR SIDEWALKS AND 12 FT FOR DRIVES.
 - CONSTRUCT EXPANSION JOINTS WHERE NEW CONCRETE ADJUTS NEW OR EXISTING CONCRETE CURBS, SIGNALS, OR OTHER STRUCTURES AND/OR ON 40 FT CENTERS ON SIDEWALKS AND 30' CENTERS ON DRIVES.
 - THOROUGHLY CLEAN JOINT OF ALL SAND, SOIL, AND WISC. DEBRIS. APPLY MASKING TAPE ALONG SIDES OF JOINT FOR TEMPORARY PROTECTION DURING SEALANT APPLICATIONS. APPLY FULL BEAD OF JOINT SEALANT OR 245 (NON SAG), OR APPROVED EQUAL POLYURETHANE SEALANT AND TOOL LIGHTLY. REMOVE TAPE IMMEDIATELY.
 - ALL CONCRETE SHALL BE TYPE 1 AND MEET THE REQUIREMENTS OF THE APPROPRIATE SECTIONS OF THE POST STANDARD SPECIFICATIONS, LATEST EDITION, UNLESS OTHERWISE NOTED ON DETAILS OR PLANS.
 - MATERIAL, DESIGN AND TEST SUBMITTALS SHALL BE PER THE POST STANDARD SPECIFICATIONS, LATEST EDITION.

NO.	DATE	REVISIONS

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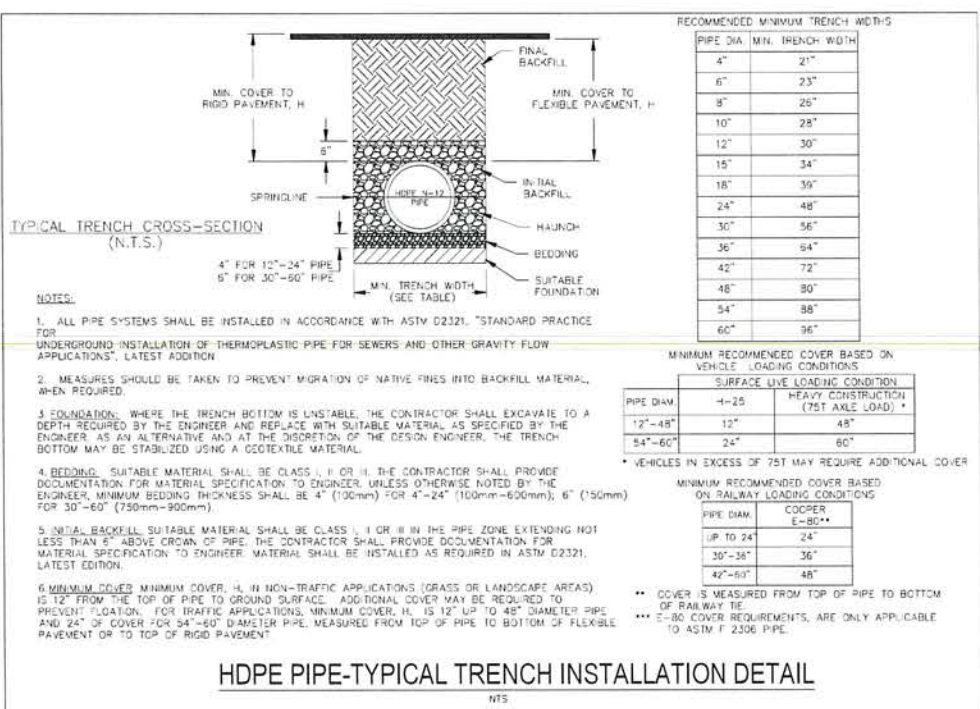
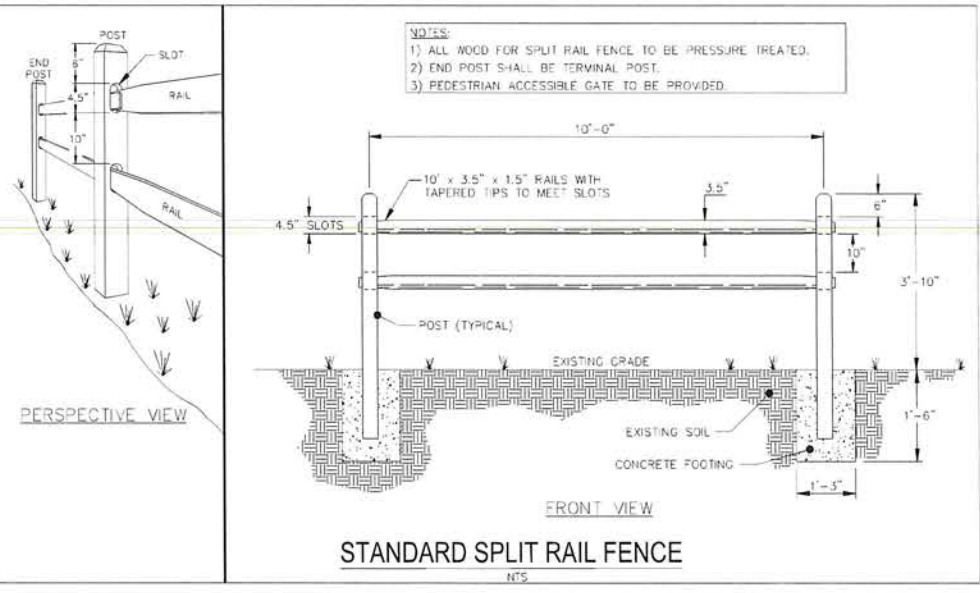
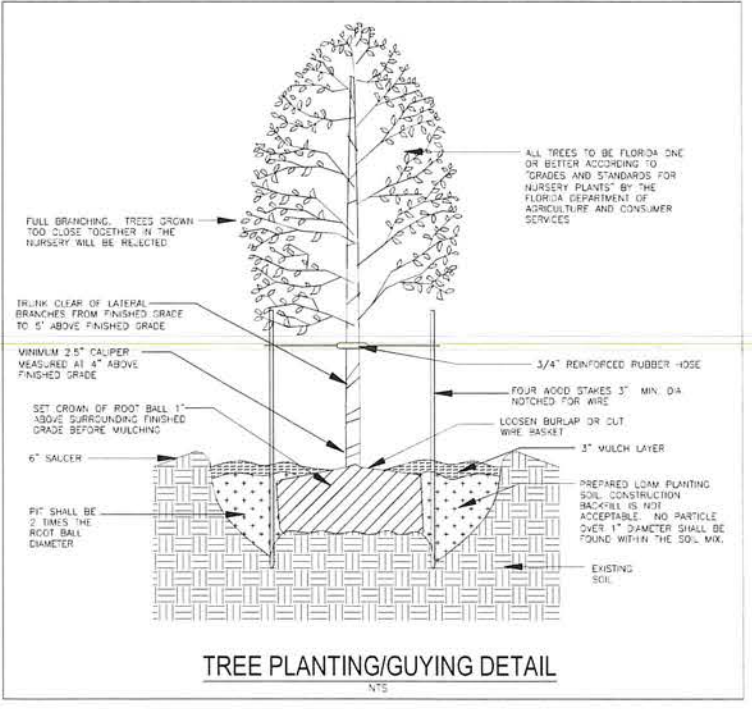
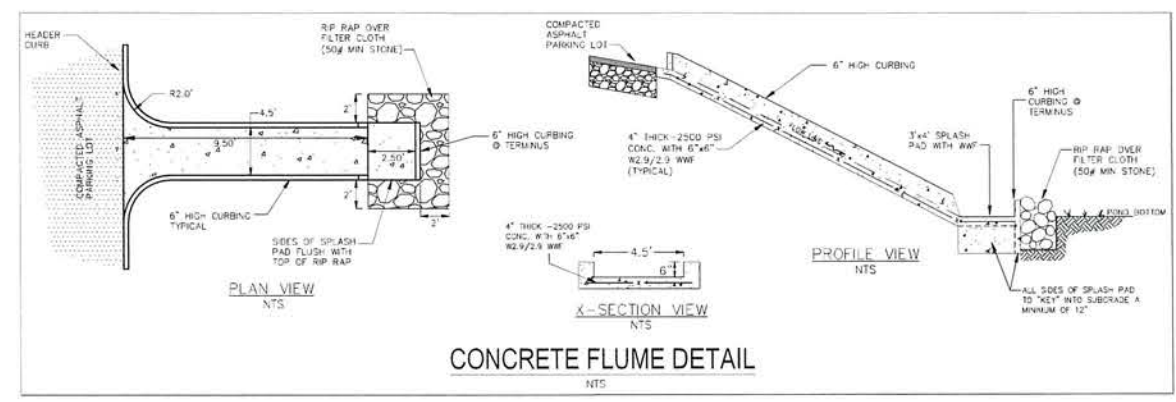
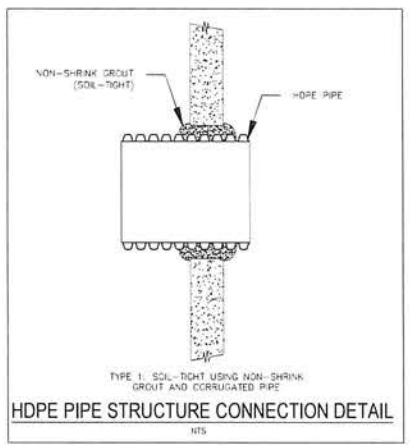
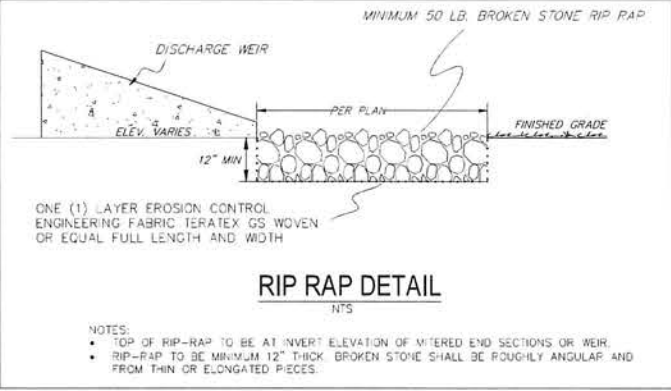
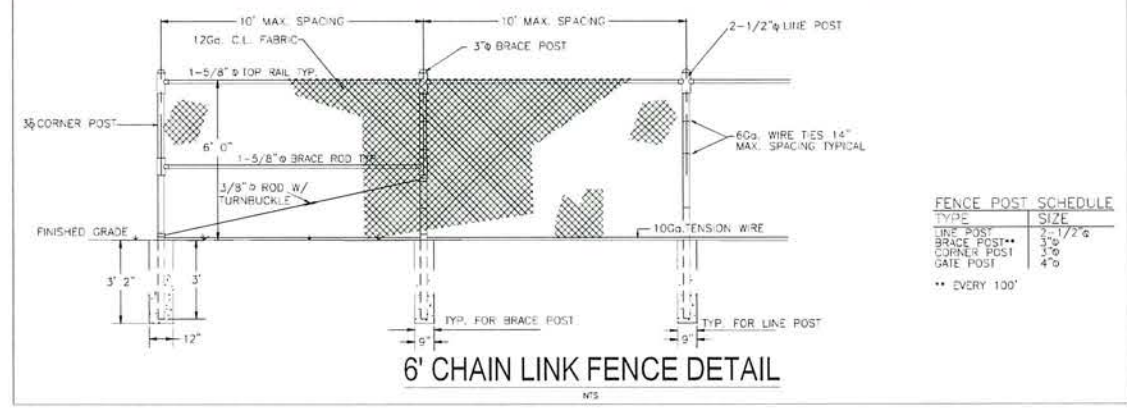
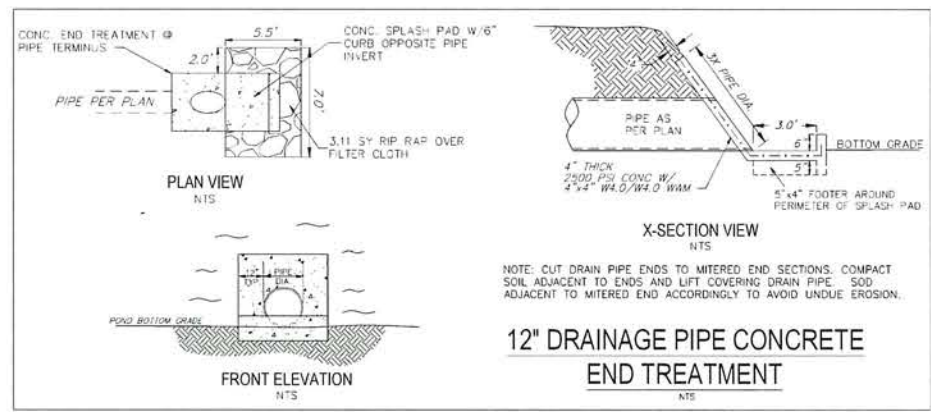
HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH 15TH STREET
 PENSACOLA, FLORIDA 32505
 850 434-2603
 FAX 850-434-2650
 TOM@SELANDESIGN.COM

SITE DEVELOPMENT PLANS FOR BAYOU GRANDE STORAGE AMENDED CONSTRUCTION DETAILS
 ESCAMBIA COUNTY FLORIDA

DRAWN BY: KWEGJUS	PROJECT NO.: 19-063
DESIGNED BY: RLB	SHEET: C8
CHECKED BY: TGH	
DATE: 08-08-24	
SCALE: AS SHOWN	
NOT RECONSTRUCTED FOR CONSTRUCTION	
BY: DATE:	

List of Recommended Native and Non-Invasive Plants

Shrubs (mature height 36" min.)	Understory Trees (mature height 15-25 feet)	Canopy Trees (mature height over 30 feet)
<i>Abelia</i>	Flowering Dogwood	Red Maple
<i>Abelia grandiflora</i>	<i>Cornus florida</i>	Acer rubrum
<i>Aucuba japonica</i>	Loblolly Bay	Silver Maple
<i>Aucuba</i>	<i>Cordia allamanda</i>	Acer saccharum
Berberis	American Holly	American Hornbeam
<i>Berberis sp.</i>	<i>Nez opaca</i>	<i>Carpinus caroliniana</i>
Japanese Boxwood	Darwin Holly	Southern Red Cedar
<i>Buxus microphylla</i>	<i>Nez opacina</i>	<i>Juniperus sitchicola</i>
Beauty Berry	Glossy Privet	Leyland Cypress
<i>Callicarpa Americana</i>	<i>Ligustrum lucidum</i>	<i>Cupressocyparis leylandii</i>
Japanese Plum-Yew	Saucer Magnolia	River Birch
<i>Cephalotaxu Harringtonia</i>	<i>Magnolia z soulangiana</i>	<i>Betula nigra</i>
Silverhorn Ebeagnus	Sweetbay Magnolia	Pignut Hickory
<i>Elaeagnus pungens</i>	<i>Magnolia virginiana</i>	<i>Carya glabra</i>
Fatsia	Southern Crab Apple	Green Ash
<i>Fatsia japonica</i>	<i>Malus angustifolia</i>	<i>Fraxinus pennsylvanica</i>
Gardenia	Wax Myrtle	Maidenhair Tree
<i>Gardenia jasminoides</i>	<i>Myrica cerifera</i>	<i>Ginkgo biloba (male)</i>
Burford Holly	Broadleaf Pear	Sweetgum
<i>Nez cornula</i>	<i>Pyrus calleryana</i>	<i>Liquidambar styraciflua</i>
Japanese Privet	Yaupon Holly	Tulip Poplar
<i>Ligustrum japonicum</i>	<i>Nez vomitoria</i>	<i>Liriodendron tulipifera</i>
Southern Wax Myrtle	Loquat	Southern Magnolia
<i>Myrica cerifera</i>	<i>Eriobotrya japonica</i>	<i>Magnolia grandiflora</i>
Fraxinus	<i>Pycnantha coccin</i>	Tupelo/Sour Gum
<i>Pycnantha coccin</i>	<i>Cercis canadensis</i>	<i>Nyssa sylvatica</i>
Dwarf Japanese Holly	Fringe Tree	Slash Pine
<i>Nez cornata</i>	<i>Chionanthus virginicus</i>	<i>Pinus elliotii</i>
Chinese Holly	Hawthorn	Longleaf Pine
<i>Nez cornata</i>	<i>Crateagus spp.</i>	<i>Pinus palustris</i>
Dwarf Yaupon Holly	Silverbell	Sycamore
<i>Nez vomitoria 'Nana'</i>	<i>Halesia caroliniana</i>	<i>Ranunculus occidentalis</i>
Chinese Juniper	White Oak	Live Oak
<i>Juniperus chinensis</i>	<i>Quercus alba</i>	<i>Quercus virginiana</i>
Indian Hawthorn	Live Oak	<i>Quercus shumardii</i>
<i>Rhamphalopsis sp.</i>	Shumard Oak	<i>Quercus falcata</i>
Red-Tip Photinia	Southern Red Oak	
<i>Photinia</i>		
Rhododendron/Azalea		
<i>Rhododendron sp.</i>		



REVISIONS

NO.	DATE	DESCRIPTION

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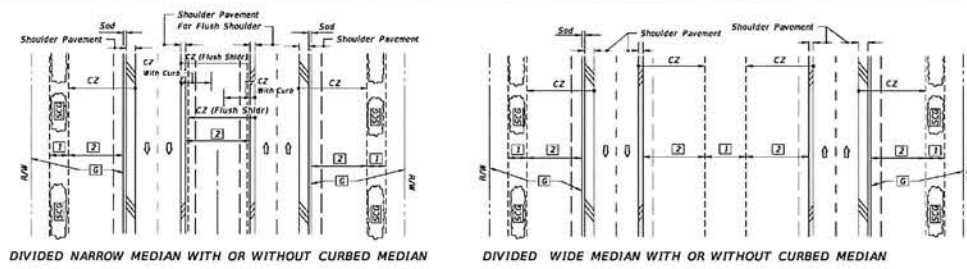
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SITE DEVELOPMENT PLANS FOR BAYOU GRANDE STORAGE AMENDE CONSTRUCTION DETAILS

ESCAMBIA COUNTY FLORIDA

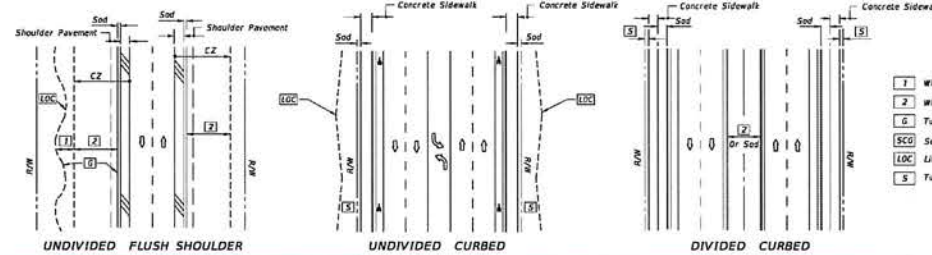
DRAWN BY: KWC/JUS
 DESIGNED BY: RLB
 CHECKED BY: TGH
 DATE: 08/08/24
 SCALE: AS SHOWN
 NOT RELEASABLE FOR CONSTRUCTION

PROJECT NO: 19-063
 SHEET: C9



DIVIDED NARROW MEDIAN WITH OR WITHOUT CURBED MEDIAN

DIVIDED WIDE MEDIAN WITH OR WITHOUT CURBED MEDIAN



UNDIVIDED FLUSH SHOULDER

UNDIVIDED CURBED

DIVIDED CURBED

LEGEND

- 1 Wildflower Group #1
- 2 Wildflower Group #2
- 3 Turf (To Limit of Construction)
- 4 Selective Clearing and Grubbing
- 5 Limits of Construction
- 6 Turf

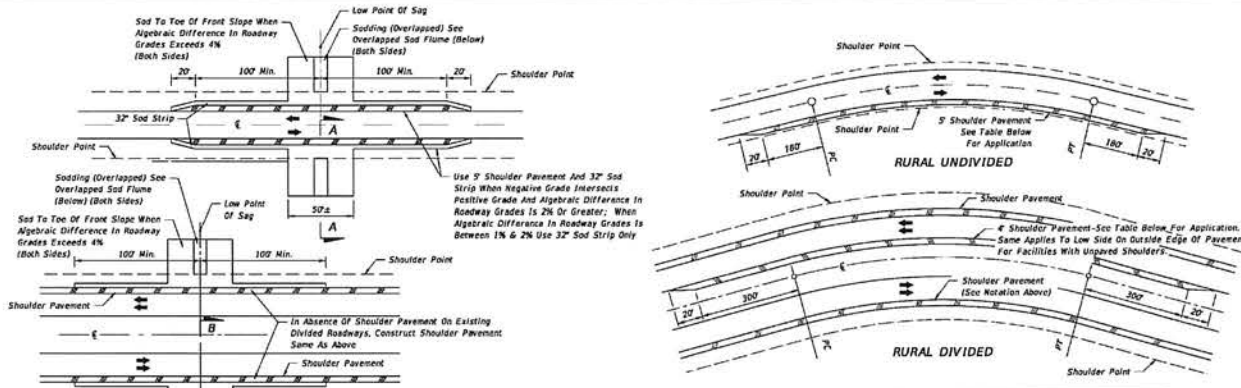
WILDFLOWER SEEDING RATES

Common Name (Botanical Name)	lbs/ac
#1 Group	
Black-eyed Susan (<i>Rudbeckia hirta</i>)	2
Lance-leaf Tickseed (<i>Coreopsis lanceolata</i>)	10
Goldenrod Tickseed (<i>Coreopsis basalis</i>)	10
Leavenworth's Tickseed (<i>Coreopsis leavenworthii</i>)	10
Fire Wheel (<i>Gallardia puchella</i>)	2
Safflower Coneflower (<i>Rudbeckia mollis</i>)	10
Crimson Clover (<i>Trifolium incarnatum</i>)	15
#2 Group	
Annual Phlox (<i>Phlox drummondii</i>)	10
Moss Verbena (<i>Verbena tenuisecta</i>)	6
Leavenworth's Tickseed (<i>Coreopsis leavenworthii</i>)	10
Fire Wheel (<i>Gallardia puchella</i>)	10
Crimson Clover (<i>Trifolium incarnatum</i>)	15

Note: Wildflower seeding rates are for restoring impacted wildflower areas.

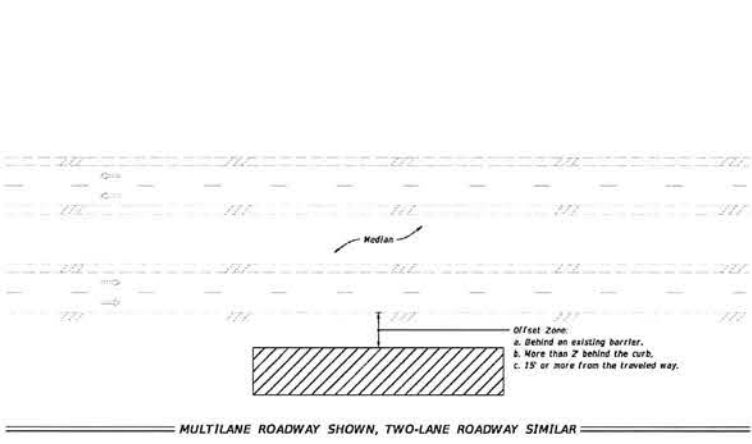
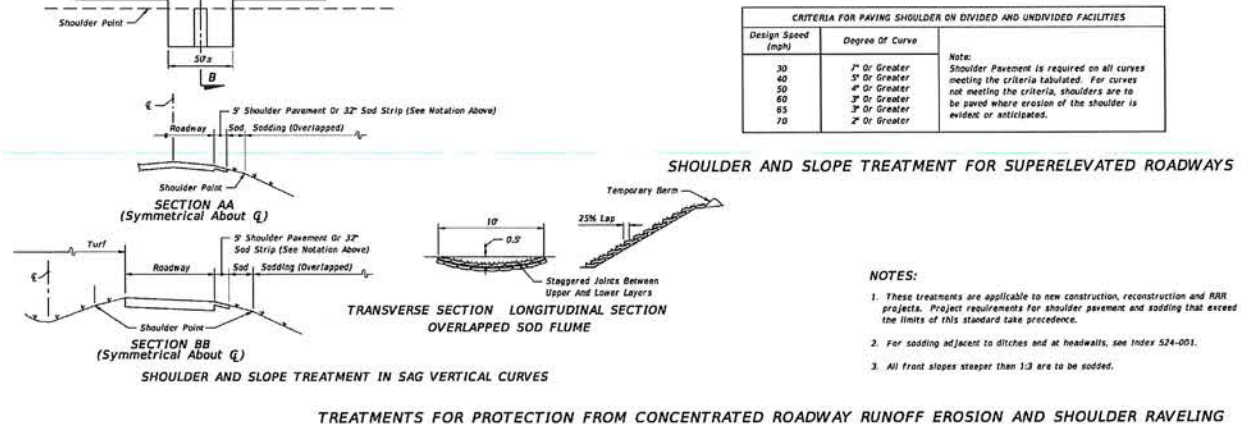
GENERAL NOTES

- All turf establishment shall be performed meeting the requirements of Specification 570.
- Activities such as clearing, grading, and excavating that will disturb one or more acres of land require coverage under the Generic Permit for Stormwater Discharge from Large and Small Construction Activities from the Florida Department of Environmental Protection, and implementation of appropriate pollution prevention measures to minimize erosion and sedimentation and properly manage stormwater.
- Confirm compatibility of wildflower with Seeding Zones.



CRITERIA FOR PAVING SHOULDER ON DIVIDED AND UNDIVIDED FACILITIES

Design Speed (mph)	Degree of Curve	Note:
30	7° Or Greater	Shoulder Pavement is required on all curves meeting the criteria tabulated. For curves not meeting the criteria, shoulders are to be paved where erosion of the shoulder is evident or anticipated.
40	5° Or Greater	
50	4° Or Greater	
60	3° Or Greater	
65	3° Or Greater	
70	2° Or Greater	

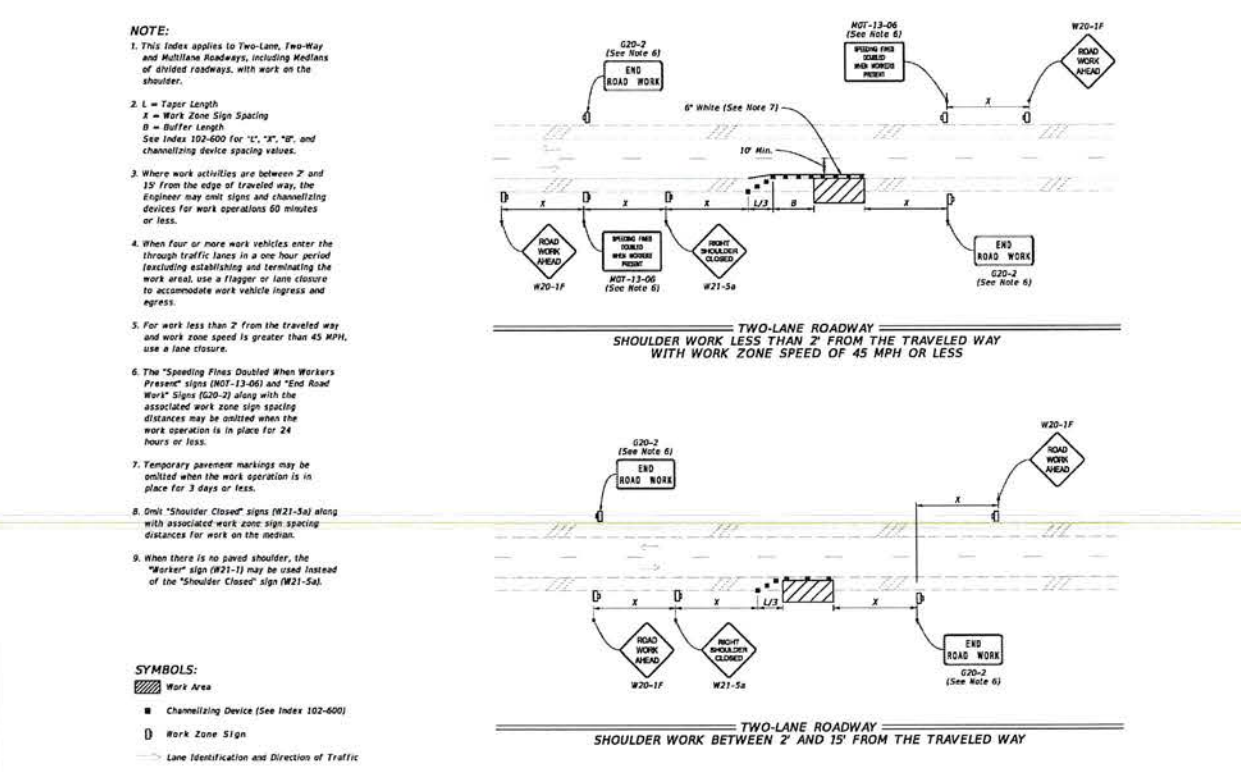


NOTES:

- This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work beyond the shoulder.
- Use Index 102-603 when the work operation (including establishing and terminating the work area) requires that two or more work vehicles cross the Offset Zone in any one hour period.
- Use Index 102-600 when work Area encroaches a Sidewalk.

SYMBOLS:

- Work Area
- Lane Identification and Direction of Traffic



NO. DATE REVISIONS

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SITE DEVELOPMENT
 PLANS FOR
 BAYOU GRANDE
 STORAGE AMENDE
 FOOT DETAILS
 ESCAMBIA COUNTY FLORIDA

PROJECT NO: 19-063
 SHEET: C11