

CONSTRUCTION PLANS FOR:
MUSSETT BAYOU MANOR
 A RESIDENTIAL DEVELOPMENT
 SECTION 28, TOWNSHIP 2 SOUTH, RANGE 20 WEST
 WALTON COUNTY, FLORIDA

PROJECT DATA

PROJECT NAME:	MUSSETT BAYOU MANOR
CLIENT NAME:	MUSSETT BAYOU MANOR, LLC 6652 EAST COUNTY 30A WATERSOUND BEACH, FLORIDA 32461 850.231.0850 CONTACT: BRAD ZEITLIN
PREPARED BY:	INNERLIGHT ENGINEERING CORPORATION 5450 NORTH 'W' STREET PENSACOLA, FLORIDA 32505
ENGINEER OF RECORD:	DAVID E. SMITH, P.E. FLORIDA REG. NO. 58927 5450 NORTH 'W' STREET PENSACOLA, FLORIDA 32505 850.333.4370

UTILITY PROVIDERS

WATER PROVIDER:	REGIONAL UTILITIES 4432 US HIGHWAY 98 SANTA ROSA BEACH, FLORIDA 32459 850.231.5114
SEWER PROVIDER:	REGIONAL UTILITIES 4432 US HIGHWAY 98 SANTA ROSA BEACH, FLORIDA 32459 850.231.5114
TELEPHONE PROVIDER:	SPRINT SOUTHERN OPERATIONS 650 DENTON BOULEVARD FORT WALTON BEACH, FLORIDA 32547 850.664.3751
POWER PROVIDER:	GULF POWER COMPANY 140 SW HOLLYWOOD BOULEVARD FORT WALTON BEACH, FLORIDA 32548 850.244.4754
TV/CABLE PROVIDER:	COX COMMUNICATION 320 RACETRACK ROAD NE FORT WALTON BEACH, FLORIDA 32547 850.796.1269



VICINITY MAP

N.T.S.

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CONSTRUCTION NOTES

- CONTRACTORS SHALL MAINTAIN PUBLIC ACCESS AT ALL TIMES ALONG WALTON COUNTY RIGHT-OF-WAYS.
- NO PARKING OR UNLOADING OF MATERIALS SHALL OCCUR WITHIN PUBLIC RIGHT-OF-WAY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO STRUCTURES WITHIN THE PUBLIC RIGHT-OF-WAY AND SHALL REPAIR ANY DAMAGE CAUSED BY THE CONSTRUCTION ACTIVITIES TO THE PUBLIC RIGHT-OF-WAY AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL NOT RELOCATE ANY SIDEWALK OR MULTI-USE PATH WITHIN THE COUNTY RIGHT-OF-WAY WITHOUT WRITTEN PERMISSION FROM THE WALTON COUNTY ENGINEER.
- CONTRACTOR SHALL MARK ALL CROSSWALKS AND MULTI-USE PATH CROSSINGS TO INDICATE THEM AS A PEDESTRIAN PATHWAY AFTER THE FINAL ASPHALT IS IN PLACE.
- ALL LANDSCAPING WITHIN THE COUNTY RIGHT-OF-WAY SHALL CONSIST OF DROUGHT TOLERANT SPECIES.
- NOTHING SHALL BE ERECTED, PLACED, PARKED, PLANTED, OR ALLOWED TO GROW IN SUCH A MANNER AS TO MATERIALLY IMPEDE VISION BETWEEN A HEIGHT OF TWO FEET AND TEN FEET ABOVE THE GRADE, MEASURED AT THE CENTERLINE OF THE INTERSECTION FOR CLEAR VISIBILITY TRIANGLE.
- PARTY RESPONSIBLE FOR MONITORING CONSTRUCTION: MUSSETT BAYOU MANOR, LLC.
- PARTY RESPONSIBLE FOR SUBMITTING TO THE DISTRICT, THE NOTICE OF CONSTRUCTION COMMENCEMENT AND AS-BUILT CERTIFICATIONS FOR PROJECT: MUSSETT BAYOU MANOR, LLC.
- MAINTENANCE ENTITY: MUSSETT BAYOU MANOR, LLC.

BENCHMARK DATA

BM #1 - 4"x4" CONCRETE MONUMENT
 NORTHING: 508197.1409
 EASTING: 1415407.2859
 ELEVATION: 8.52 (NAVD 1988)

BM #2 - SANITARY SEWER MANHOLE
 NORTHING: 508362.8974
 EASTING: 1415416.7383
 ELEVATION: 9.76 (NAVD 1988)

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 Call before you dig.**

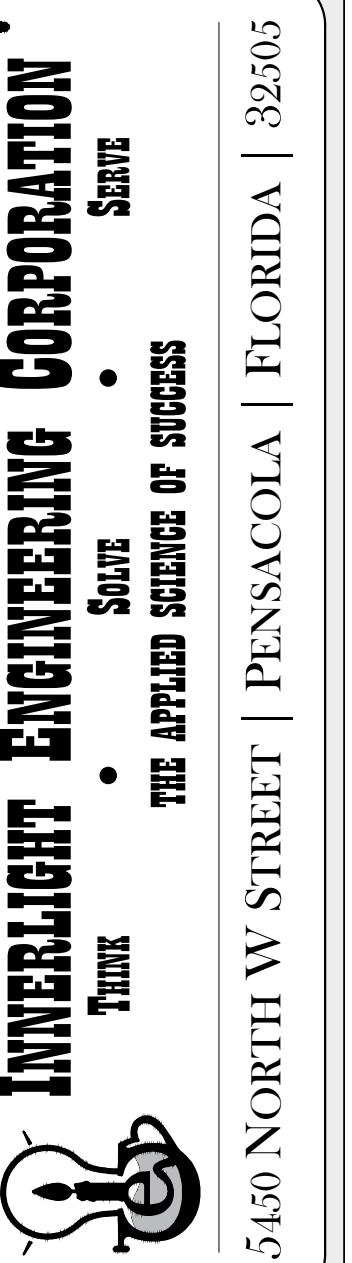


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NOT RELEASED FOR CONSTRUCTION

PROJECT SCHEDULE

ANTICIPATED CONSTRUCTION ACTIVITY SCHEDULE				
ANTICIPATED START DATE - JUNE, 2013				
	MONTH 1	MONTH 2	MONTH 3	MONTH 4
INSTALL INITIAL STAGE EROSION CONTROL MEASURES	██████████			
DEMOLITION / CLEARING & GRUBBING	██████████	██████████		
CONSTRUCT STORM SEWER		██████████	██████████	
CONSTRUCT UTILITIES		██████████	██████████	
FINE GRADING			██████████	██████████
CONSTRUCT CURB & GUTTER			██████████	██████████
PAVING (TO BINDER)				██████████
ESTABLISH PERMANENT LANDSCAPING				██████████
REMOVE EROSION CONTROL MEASURES AS PERMANENT VEGETATION IS ESTABLISHED				██████████
OVERLAY AND RESTRIPIPING				██████████
AS-BUILT CERTIFICATION				██████████



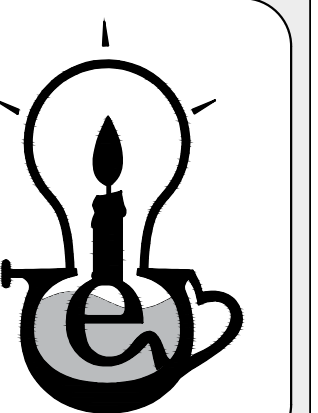
5450 NORTH W STREET | PENSACOLA | FLORIDA | 32505

MUSSETT BAYOU MANOR
 A RESIDENTIAL DEVELOPMENT

MUSSETT BAYOU MANOR, LLC
 6652 EAST COUNTY 30A
 WATERSOUND BEACH, FLORIDA 32461

RECORD DATA

DATE: 03.06.2013
 REV. DATE: 06.26.2013
 PROJ. NO.: 141.0.0.10
 DRAWN BY: MTM
 REVIEWED BY: DES



SEAL
 NOT VALID WITHOUT SIGNATURE
 AND THE ORIGINAL SEAL.

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SHEET TITLE

COVER SHEET

SHEET NUMBER

1.0

GENERAL NOTES:

- 1. THE EXACT LOCATION AND ELEVATION OF EXISTING STRUCTURES, UTILITIES, AND PIPING SHALL BE PHYSICALLY VERIFIED IN THE FIELD BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS. THESE DRAWINGS DO NOT PURPORT TO SHOW IN COMPLETE DETAIL ALL EXISTING STRUCTURES, UTILITIES, OR PIPING. THE CONTRACTOR SHALL EXAMINE ALL AVAILABLE RECORDS AND MAKE ALL EXPLORATIONS AND EXCAVATIONS AS REQUIRED TO DETERMINE THE LOCATION OF EXISTING STRUCTURES, UTILITIES, AND PIPING, WHENEVER NECESSARY. THE OWNER RESERVES THE RIGHT TO CHANGE LOCATION OF LINES TO AVOID CONFLICT WITH EXISTING STRUCTURES, UTILITIES, OR PIPING.
2. THE CONTRACTOR SHALL CHECK PLANS FOR CONFLICTS AND DISCREPANCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNER OR OWNER'S ENGINEER OF ANY CONFLICT, IN WRITING, BEFORE PERFORMING ANY WORK IN THE AFFECTED AREA. ENGINEER WILL HAVE 7 DAYS TO PROVIDE A RESPONSE.
3. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE VARIOUS UTILITY COMPANIES IN ORDER TO PERMIT MARKING THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES IN ADVANCE OF CONSTRUCTION.
4. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES ABOVE OR BELOW GROUND THAT MAY OCCUR AS A RESULT OF WORK CALLED FOR IN THESE CONTRACT DOCUMENTS. ALL REPAIRS MUST BE MADE TO THE SATISFACTION OF THE RESPECTIVE OWNER.
5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LEARN, KNOW, AND COMPLY WITH THE REGULATIONS, ORDINANCES, PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW AND COMPLY WITH THE CONDITIONS OF THE VARIOUS PERMITS OF THE GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL SCHEDULE THE REQUIRED INSPECTIONS AND APPROVALS IN ACCORDANCE WITH THE REQUIREMENTS OF THE PERMIT CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE NECESSARY AGENCIES OF CONSTRUCTION COMMENCEMENT.
6. ALL SPECIFICATIONS AND DOCUMENTS REFERRED TO SHALL BE OF LATEST ISSUE AND SHALL BE CONSIDERED A PART OF THESE DOCUMENTS BY REFERENCE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SETTING OF CONSTRUCTION STAKES TO MARK THE LOCATION, ALIGNMENT, ELEVATION, AND GRADE OF THE WORK. THE STAKES PROVIDED SHALL BE ADEQUATE IN NUMBER, POSITION, AND ELEVATION SO THAT THE PHYSICAL ITEM CAN BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. THE CONSTRUCTION LAYOUT SURVEY SHALL MEET THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA (CHAPTER 21HH-6, FLORIDA ADMINISTRATIVE CODE), AND SHALL BE PERFORMED BY A PERSON OF ADEQUATE EXPERTISE. FAILURE TO PERFORM THE CONSTRUCTION STAKEOUT IN ACCORDANCE WITH THE CONSTRUCTION PLANS MAY RESULT IN REMOVAL AND REPLACEMENT OF THE IMPROVEMENTS AT NO EXPENSE TO THE OWNER. CONSTRUCTION LAYOUT INFORMATION HAS BEEN PROVIDED IN THE FORM OF DIMENSIONS AND OFFSETS OBTAINED THROUGH COMPUTER GENERATION. THE INFORMATION IS ADEQUATE FOR THE CONSTRUCTION LAYOUT OF THE IMPROVEMENTS USING STANDARD SURVEYING CONSTRUCTION LAYOUT TECHNIQUES. IN NO CASE SHALL THE CONTRACTOR SCALE INFORMATION FROM THE PLANS OR ATTEMPT TO CONSTRUCT IMPROVEMENTS WITHOUT PERFORMING THE CONSTRUCTION LAYOUT IN ACCORDANCE WITH THE INFORMATION CONTAINED HEREIN.
8. THE CONTRACTOR SHALL OBTAIN AND HAVE ONSITE ALL PERMITS PRIOR TO CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, F.D.E.P., F.D.O.T., AND THE LOCAL GOVERNMENT. THE CONTRACTOR SHALL OBTAIN ALL OTHER REQUIRED PERMITS.
9. PRIOR TO COMMENCING CONSTRUCTION OR DEMOLITION / LAND CLEARING ACTIVITIES, CONTRACTOR SHALL INSTALL ANY REQUIRED SILT FENCING OR BALED HAY BARRIERS (F.D.O.T. INDEX 102) FOR SILT CONTROL. THERE WILL BE NO DIRECT PAYMENT FOR THIS WORK. COST SHALL BE INCLUDED IN OTHER ITEMS OF WORK. LOCATION SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED IN THE FIELD.
10. DEWATERING: SHOULD LOWERING OF GROUNDWATER BE NECESSARY FOR THE INSTALLATION OF CONCRETE STRUCTURES, WATER MAIN ETC., OR TO PREVENT LATERAL MOVEMENT OF MATERIAL UNDER CONCRETE ALREADY PLACED, SUCH LOWERING SHALL BE ACCOMPLISHED BY MEANS OF A WELL POINT SYSTEM OR OTHER APPROVED MEANS, AT CONTRACTOR'S EXPENSE. COMPREHENSIVE PLANS FOR DE-WATERING OPERATIONS, IF USED, SHALL BE SUBMITTED BY THE CONTRACTOR PRIOR TO INSTALLATION. DISCHARGE OF GROUNDWATER TO SURFACE WATERS OF THE STATE REQUIRES A PERMIT UNDER F.A.C. 62-621.300(2). CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN ANALYSIS OF GROUND WATER IN ACCORDANCE WITH THE GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUND WATER FROM ANY NON-CONTAMINATED SITE ACTIVITY - TABLE 1, AND FILING APPROPRIATE NOTIFICATIONS TO THE FDEP INDUSTRIAL WASTEWATER DIVISION.
11. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION UNLESS OTHERWISE DIRECTED.
12. CONTRACTOR SHALL OBTAIN, IF AVAILABLE, AND REVIEW ALL AVAILABLE GEOTECHNICAL REPORTS PRODUCED FOR THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. IF NO GEOTECHNICAL REPORTS ARE AVAILABLE, THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING SITE SOIL CONDITIONS PRIOR TO CONSTRUCTION.
13. CONTRACTOR IS RESPONSIBLE FOR PROVIDING SIGNED AND SEALED RECORD DRAWINGS SHOWING ALL IMPROVEMENTS CONSTRUCTED UNDER THIS CONTRACT. RECORD DRAWINGS SHALL INCLUDE BOTH ABOVE GROUND AND BURIED UTILITIES INCLUDING ANY EXISTING UTILITIES NOT SHOWN ON THESE PLANS BUT ENCOUNTERED DURING THE CONSTRUCTION PROCESS. RECORD DRAWINGS SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR. CONTRACTOR SHALL CONTACT ENGINEER OF RECORD FOR SPECIFIC REQUIREMENTS.
14. CONTRACTOR IS RESPONSIBLE FOR CONTINUATION OF SERVICE TO OCCUPIED BUILDINGS DURING CONSTRUCTION AND REPAIR OR REPLACEMENT OF ANY EXISTING UTILITIES IMPACTED BY CONSTRUCTION.
15. IF WELLS ARE ENCOUNTERED ON SITE, THEY SHALL BE ABANDONED BY A FLORIDA CERTIFIED WELL DRILLER USING ABANDONMENT PROCEDURES AND PERMITTING PROCESS OF THE LOCAL WATER MANAGEMENT DISTRICT OR OTHER APPLICABLE REGULATORY AGENCY.
16. IF APPLICABLE, ANY WELLS PROPOSED ONSITE, I.E. IRRIGATION, GEOTHERMAL, ETC. SHALL BE PERMITTED APPROPRIATELY THROUGH THE LOCAL WATER MANAGEMENT DISTRICT. PERMITTING IS THE RESPONSIBILITY OF THE CONTRACTOR UNLESS OTHERWISE ARRANGED.
17. CONTRACTOR SHALL CALL BEFORE DIGGING TO SUNSHINE STATE ONE CALL OF FLORIDA AT 800-432-4770.
18. PRIOR TO COMMENCEMENT OF DEMOLITION AND CONSTRUCTION ACTIVITIES, CONTRACTOR IS TO INSTALL ADEQUATE BARRIERS TO RESTRICT PUBLIC AREAS. IN AREAS WHERE CONSTRUCTION ACTIVITIES ARE DIRECTLY ADJACENT TO HIGH TRAFFIC ROUTES, MAY RESULT IN THE CREATION OF DUST OR PROJECTILES, SOLID BARRIERS (SUCH AS CANVAS OR PLYWOOD) MUST BE USED.

HANDICAP ACCESSIBILITY:

- 1. HANDICAP RAMPS AND CROSSWALKS PER THE LATEST FLORIDA ACCESSIBILITY CODE, A.D.A. AND FOOT STANDARD INDEX #304 ARE REQUIRED AT ALL PEDESTRIAN CROSSING LOCATIONS.

ARCHITECTURAL COORDINATION:

- 1. WHEN APPLICABLE, ARCHITECTURAL PLANS SHALL SUPERSEDE THESE PLANS WITH RESPECT TO ALL BUILDING DIMENSIONS AND BUILDING HARDCAPE INTERFACE. IN CASE OF CONFLICT AND PRIOR TO CONSTRUCTION, CONTRACTOR IS RESPONSIBLE FOR CONTACTING BOTH THE ENGINEER AND ARCHITECT IMMEDIATELY.

STRUCTURAL COORDINATION:

- 1. WHEN APPLICABLE, CONTRACTOR SHALL REFER TO THE CONSTRUCTION DETAILS AND SPECIFICATIONS OF THE APPLICABLE STRUCTURAL PLANS FOR ALL SITE RETAINING WALLS AND OTHER STRUCTURAL COMPONENTS.

SIGNAGE:

- 1. PROJECT SIGNS SHALL MEET ALL APPLICABLE REQUIREMENTS BASED ON LOCAL SIGN ORDINANCE.
2. CONTRACTOR IS RESPONSIBLE FOR SIGN PERMITTING.

DEMOLITION:

- 1. ALL EXISTING CONCRETE, ASPHALT, TREES, STUMPS, AND OTHER DELETERIOUS MATERIAL AS INDICATED ON THE PLANS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH FLORIDA LAWS.
2. WHERE PAVEMENT IS TO BE REMOVED AND REPLACED, AS INDICATED ON THE PLANS OR DIRECTED IN THE FIELD, ALL EXISTING MARKINGS AND TRAFFIC LOOPS SHALL ALSO BE REPLACED. THERE WILL BE NO DIRECT PAYMENT FOR THIS WORK. COST SHALL BE INCLUDED IN RELATED ITEMS OF WORK.
3. ALL EXISTING PAVEMENT AND DRIVEWAY PAVEMENT TO BE REMOVED SHALL BE SAW CUT.
4. REPAIR ALL EXISTING DRIVEWAYS CROSSED BY UTILITY CONSTRUCTION TO MATCH EXISTING CONSTRUCTION.
5. CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT ABUTS.

- 6. ANY DISTURBED MAIL BOXES OR SIGNS MUST BE REINSTALLED TO EXISTING OR ACCEPTABLE CONDITION AT THE CONTRACTOR'S EXPENSE.
7. ALL ITEMS NOTED AS "REMOVE AND SALVAGE" ARE TO REMAIN THE PROPERTY OF OWNER. CARE MUST BE TAKEN NOT TO DAMAGE SALVAGED ITEMS. ITEMS ARE TO BE TRANSPORTED TO A STORAGE LOCATION SPECIFIED BY THE OWNER.

SEDIMENTATION AND EROSION CONTROL NOTES:

- 1. CONTRACTOR SHALL STAGE AND TIME CONSTRUCTION TO MINIMIZE THE SIZE OF EXPOSED SOIL AREAS AND THE TIME BETWEEN EXPOSING THE SOIL AREA AND FINISHING THE SOIL AREA.
2. AS SOON AS GRADING IS COMPLETE IN AN AREA, THE CONTRACTOR WILL STABILIZE THE SOIL. FOR LONG, NARROW AREAS, THE CONTRACTOR SHALL STABILIZE CONTINUOUSLY DURING GRADING OPERATIONS. ROUGH GRADED AREAS SHOULD BE STABILIZED WITH TEMPORARY EROSION CONTROL IF FINAL GRADING AND STABILIZATION WILL NOT BE PERFORMED WITHIN FIVE (5) DAYS. FAILURE TO STABILIZE EXPOSED SOIL AREAS IN A TIMELY MANNER AFTER GRADING MAY BE CONSIDERED A VIOLATION OF CHAPTERS 17-3, 17-12, AND/OR 17/25, FLORIDA ADMINISTRATIVE CODE, BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (F.D.E.P.) AND SUBJECT TO CORRECTIVE ACTION, PURSUANT TO SECTION 403.121- 403.161 FLORIDA STATUTES.
3. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING A TASK TO PROVIDE EROSION CONTROL UNLESS ANOTHER PARTY HAS BEEN PREVIOUSLY SPECIFIED AS RESPONSIBLE FOR THE EROSION CONTROL ASSOCIATED WITH THAT TASK. IN THE EVENT ANOTHER PARTY IS RESPONSIBLE FOR EROSION CONTROL, THE CONTRACTOR SHALL STILL BE RESPONSIBLE FOR COORDINATION WITH THE PARTY RESPONSIBLE. IN THE EVENT THAT DAMAGE TO THE CONSTRUCTED ITEM RESULTS ARE DUE TO LACK OF EROSION CONTROL, THE CONTRACTOR SHALL REPAIR OR REPLACE THE ITEM AT NO CHARGE TO THE OWNER.
4. TEMPORARY EROSION CONTROL SHALL CONSIST OF TEMPORARY GRASS, TEMPORARY MULCH, TEMPORARY SOD, ARTIFICIAL COVERINGS, BALED HAY OR STRAW, SILT FENCES, AND TURBIDITY BARRIERS AS SHOWN ON THE CONSTRUCTION DRAWINGS AND IN ACCORDANCE WITH APPROPRIATE TECHNICAL SPECIFICATIONS. IF TECHNICAL SPECIFICATIONS ARE NOT PROVIDED, THEN TEMPORARY EROSION CONTROL SHALL BE IN ACCORDANCE WITH SECTION 104 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION (F.D.O.T.) STANDARD SPECIFICATIONS.
5. PERMANENT EROSION CONTROL SHALL CONSIST OF SEED, SEED AND MULCH, HYDRO-SEEDING, SOD, AND/OR ARTIFICIAL COVERINGS AS SHOWN ON THE CONSTRUCTION DRAWINGS AND IN ACCORDANCE WITH TECHNICAL SPECIFICATION SECTIONS 12 AND 13. IF TECHNICAL SPECIFICATIONS ARE NOT PROVIDED THEN PERMANENT EROSION CONTROL SHALL BE IN ACCORDANCE WITH SECTIONS 570 AND 575 OF THE F.D.O.T. STANDARD SPECIFICATIONS. SEED OR GRASS TYPE SHALL MATCH EXISTING OR BE AS SPECIFIED BY OWNER UNLESS NOTED OTHERWISE.
6. GRASS BY SEEDING SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF F.D.O.T. STANDARD SPECIFICATIONS. THIS SHALL BE USED ONLY IN AREAS SUBJECT TO LIGHT EROSION SUCH AS FLAT AREAS.
7. GRASS BY HYDRO-SEEDING SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF F.D.O.T. STANDARD SPECIFICATIONS. HYDRO-SEEDING MAY BE USED FOR FLAT AREAS AND SIDE SLOPES WHICH DO NOT EXCEED 4:1. DRAINAGE DITCHES OR LARGE SWALES MUST HAVE ADDITIONAL PROTECTION BESIDES HYDRO-SEEDING.
8. GRASS AND MULCH SHALL BE IN ACCORDANCE WITH SECTIONS 104, 570, 981, 982, AND 983 OF F.D.O.T. STANDARD SPECIFICATIONS. GRASS AND MULCH MAY BE USED IN ALL AREAS EXCEPT LARGE SWALES OR DITCHES. MULCH SHALL BE ANCHORED IN ACCORDANCE WITH SECTION 570.
9. SOD SHALL BE USED IN ACCORDANCE WITH SECTIONS 104, 575, 981, 982, AND 983 OF F.D.O.T. STANDARD SPECIFICATIONS. SOD MAY BE USED IN ALL AREAS FOR SIDE SLOPES GREATER THAN OR EQUAL TO 2:1. SOD SHALL BE STAGGERED SO AS TO AVOID A CONTINUOUS SEAM. IN AREAS WITH SLOPES 4:1 OR STEEPER, EACH PIECE OF SOD SHALL BE PEGGED WITH SOD PEGS. IN DIFFICULT SOIL CONDITIONS WITH STEEP SLOPES, IT MAY NECESSARY TO COVER SOD WITH ARTIFICIAL COVERINGS SUCH AS JUTE MESH UNTIL SOD BECOMES ESTABLISHED.
10. TEMPORARY EROSION CONTROL BY ARTIFICIAL COVERINGS SHALL CONSIST OF STRAW BLANKETS, COCONUT FIBER BLANKETS, POLYESTER BLANKETS, JUTE MESH, AND DRAINAGE FABRICS. MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. SEEDING SHALL BE INCLUDED IF MATERIAL REQUIRES VEGETATION TO FUNCTION PROPERLY.
11. THE CONTRACTOR IS TO PROVIDE EROSION CONTROL/ SEDIMENTATION BARRIER (HAY BALES, SILT FENCE, TURBIDITY BARRIER, OR AS SPECIFIED IN THE CONSTRUCTION DRAWINGS) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, WATERWAYS, AND WETLAND OR JURISDICTIONAL AREAS. IF, IN THE OPINION OF THE ENGINEER, AND/OR REGULATORY AUTHORITIES, EXCESSIVE QUANTITIES OF MATERIAL ARE TRANSPORTED OFF- SITE BY EROSION OR STORMWATER RUNOFF, THE CONTRACTOR SHALL IMPROVE CONDITIONS TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES. IN NO CASE SHALL CONSTRUCTION COMMENCE PRIOR TO INSTALLATION OF EROSION CONTROL/SEDIMENTATION BARRIER.
12. CONTRACTOR SHALL PLACE STRAW, MULCH, OR OTHER SUITABLE MATERIAL ON GROUND IN ADDITION TO COARSE AGGREGATE IN AREAS WHERE CON- STRUCTION-RELATED TRAFFIC IS TO ENTER AND EXIT SITE.
13. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AREA USING SPRINKLING IRRIGATION OR OTHER ACCEPTABLE METHODS.
14. ALL DISTURBED AREAS NOT PAVED, SODDED OR OTHERWISE LANDSCAPED SHALL BE SEEDED, FERTILIZED AND MULCHED PER FDOT SPECIFICATIONS, SECTION 570. SEEDING RATE AND MIX SHALL COMPLY WITH THE SEEDING RATE TABLE OFF DOT STANDARD INDEX 105.
15. CONTRACTOR SHALL SOD ALL SLOPES 4:1 AND STEEPER IMMEDIATELY AFTER CONSTRUCTION UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
16. ALL EXCAVATED SOILS SHALL BE STOCKPILED IN LOCATION(S) INDICATED ON PLANS IF SHOWN. APPROPRIATE SEDIMENTATION AND EROSION CONTROLS SHALL BE INSTALLED AROUND THE STOCKPILE.

MAINTENANCE:

- 1. THE CONTRACTOR SHALL PROVIDE ROUTINE MAINTENANCE OF PERMANENT AND TEMPORARY EROSION CONTROL FEATURES IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS SECTION 10, 12, AND 13 UNTIL THE PROJECT IS COMPLETED AND ACCEPTED. IF TECHNICAL SPECIFICATIONS ARE NOT PROVIDED, THEN MAINTENANCE SHALL BE IN ACCORDANCE WITH SECTION 104 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION (F.D.O.T.) STANDARD SPECIFICATIONS.
2. SILT FENCES AND TURBIDITY BARRIERS SHALL BE CHECKED DAILY FOR EFFECTIVENESS, BREACHES, AND ROUTINE MAINTENANCE.
3. ALL DISTURBED AREAS TO BE PERMANENTLY GRASSED AND RETENTION AREAS TO BE SODDED.

SITE GEOMETRY NOTES:

- 1. ALL BUILDING DIMENSIONS ARE TO THE FACE OF BUILDING UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ALONG CURB LINES ARE TO THE BACK OF CURB UNLESS OTHERWISE NOTED.

STORMWATER MANAGEMENT NOTES:

- 1. JUNCTION BOXES OUTSIDE THE RIGHT OF WAY MUST BE CAST IRON CAPABLE OF HANDLING LIVE LOADS AND BE CAST WITH "STORM" ON THE COVER.

PAVING, GRADING & EARTHWORK NOTES:

- 1. IN EXCAVATING STREETS AND DRIVEWAYS THAT HAVE BEEN SURFACED WITH SAND-CLAY, CLAY GRAVEL, OR OTHER BASE COURSE, SUCH BASE MATERIALS SHALL BE EITHER STOCKPILED AND KEPT SEPARATE FROM THE EARTH EXCAVATED OR THE CONTRACTOR SHALL, AT HIS EXPENSE, PROVIDE NEW BASE OF LIKE KIND AND EQUAL QUALITY.
2. CONTRACTOR MUST SALVAGE EXISTING TOP SOIL WITHIN PROJECT SITE OR REPLACE AT HIS OWN EXPENSE.
3. ANY DEFICIENCY IN THE QUANTITY OF MATERIAL FOR BACKFILLING THE TRENCHES, OR FOR FILLING DEPRESSIONS CAUSED BY SETTLEMENT, SHALL BE SUPPLIED BY THE CONTRACTOR AT NO COST TO THE OWNER. THIS ALSO APPLIES TO BASE COURSE UNDER PAVED STREETS.
4. CONTRACTOR SHALL CLEAR AND GRUB ONLY THOSE PORTIONS OF THE SITE NECESSARY FOR CONSTRUCTION. CLEAR AND GRUB SHALL CONSIST OF THE REMOVAL OF ALL DELETERIOUS MATERIAL INCLUDING TREES, ROOTS, TOPSOIL, ETC.
5. ORGANIC, UNSUITABLE SOILS BENEATH THE PAVED AREAS SHALL BE REMOVED AND REPLACED WITH CLEAN SAND MATERIAL OF WHICH NOT MORE THAN 15% BY DRY WEIGHT IS FINER THAN THE NUMBER 200 MESH SIEVE. FILL MATERIAL SHALL BE FREE OF ORGANICS, RUBBLE, CLAY, OR OTHER DELETERIOUS MATTER.
6. THE PAVEMENT SUBGRADE SHOULD BE STABILIZED TO A MINIMUM LBR OF 40 UNLESS OTHERWISE SPECIFIED. MATERIAL FOR STABILIZATION SHALL BE AS CALLED OUT ON THE PLANS, OR OTHER MATERIAL APPROVED BY THE ENGINEER AND THE GEOTECHNICAL ENGINEER. COMPACTION OF THE SUBGRADE SHALL BE BY A HEAVY VIBRATORY ROLLER (MINIMUM STATIC WEIGHT OF FIVE TONS) WITH A MINIMUM OF 10 PASSES WITH A 20% OVERLAP BETWEEN PASSES. THE VIBRATORY ROLLER SHOULD ALSO BE

EQUIPPED WITH A VARIABLE FREQUENCY CONTROL TO OPERATE AT THE RESONANT FREQUENCY OF THE SOILS.

- 7. ALL WASTE MATERIAL SHALL BE DISPOSED OF OFFSITE IN ACCORDANCE WITH APPLICABLE REGULATIONS.
8. PROPOSED SPOT ELEVATIONS REPRESENT FLOW LINE OF CURB & GUTTER OR FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON DRAWINGS.
9. CONTRACTOR TO PROVIDE 1/2" TO 1" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT ABUTMENT OF CONCRETE AND OTHER MATERIALS (BUILDINGS, OTHER POURED CONCRETE, ETC.) EXCEPT ASPHALT.
10. CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT ABUTS.
11. TESTING REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE TESTING SCHEDULE CONTAINED WITHIN THESE PLANS OR PER APPLICABLE LOCAL GOVERNMENT OR REGULATORY AGENCY, WHICHEVER IS MORE STRINGENT. SELECTION AND CONTRACTING WITH THE TESTING FIRMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND SCHEDULE ALL TESTS.
12. ACCEPTANCE TESTING FOR NEW PAVEMENT, IF APPLICABLE, SHALL CONSIST OF ONE PASS OF A STANDARD 15-FOOT ROLLING STRAIGHT EDGE OPERATED WHILE THE PAVEMENT IS STILL HOT. ALL DEFICIENCIES IN EXCESS OF 3/16 INCH SHALL BE CORRECTED IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATION 330.
13. AT THE OPTION OF THE OWNER, THE CONTRACTOR SHALL FLOOD ALL NEW PAVEMENT SURFACES WITH WATER AND INSPECT FOR PONDING. ALL PONDED AREAS SHALL BE CORRECTED IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATION 330.

TRAFFIC, SIGNAGE & STRIPING NOTES:

- 1. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO MAINTAIN ADEQUATE TRAFFIC CONTROL AND TO PROVIDE DETOURS AROUND CONSTRUCTION ACTIVITIES. UNLESS APPROVED BY THE OWNER, IN WRITING, NO STREET SHALL REMAIN CLOSED TO TRAFFIC OVERNIGHT. IN ADDITION, THE CONTRACTOR SHALL COOPERATE WITH LOCAL RESIDENTS IN GAINING ACCESS TO THEIR HOMES AND BUSINESSES DURING WORKING HOURS AND SHALL ASSIST AT ALL TIMES WHEN VEHICLES EXPERIENCE TROUBLE DUE TO CONSTRUCTION ACTIVITIES.
2. THE CONTRACTOR SHALL INSTALL ALL TEMPORARY TRAFFIC CONTROL DEVICES REQUIRED FOR THE MAINTENANCE AND PROTECTION OF TRAFFIC DUE TO CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE LATEST EDITION OF THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD PART 6), AND/OR IN ACCORDANCE W/FDOT STD. 600, WHICHEVER IS MORE STRINGENT.
3. ALL STRIPING IN THE FLORIDA STATE RIGHT-OF-WAY IS TO BE THERMOPLASTIC.

GENERAL TESTING NOTES:

- 1. TESTING REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE TESTING SCHEDULE CONTAINED WITHIN THESE PLANS OR PER APPLICABLE LOCAL GOVERNMENT OR REGULATORY AGENCY, WHICHEVER IS MORE STRINGENT. SELECTION AND CONTRACTING WITH THE TESTING FIRMS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND SCHEDULE ALL TESTS.
2. COPIES OF THE TEST REPORTS FOR ASPHALT, BASE, SUBGRADE, FILL AND BACKFILL UNDER ROADWAYS AND STRUCTURES, AND UTILITY TRENCHES SHALL BE PROVIDED DIRECTLY TO THE ENGINEER FOR APPROVAL. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE TESTING AND INSURE THAT ALL APPLICABLE TESTS HAVE BEEN PERFORMED. FAILURE TO OBTAIN TEST RESULTS AT ANY POINT OF CONSTRUCTION WILL REQUIRE THE REMOVAL OF THE IMPROVEMENT AND REPLACEMENT BY CONTRACTOR, AT NO ADDITIONAL COST TO THE OWNER. IT SHOULD BE NOTED THAT THE APPLICABLE LOCAL GOVERNMENT MAY REQUIRE COMPACTION TESTING IN ACCORDANCE WITH THE TESTING SCHEDULE FOR UTILITY TRENCH FILL AND BACKFILL OR ACCORDING TO THE LOCAL GOVERNMENTAL STANDARDS, WHICHEVER IS MORE STRINGENT.

Table with 5 columns: ITEM, TEST, TEST IDENTIFICATION, TEST REQUIREMENT, TESTING FREQUENCY. Rows include: UTILITY TRENCH FILL & BACKFILL, FILL & BACKFILL UNDER ROADWAYS AND STRUCTURES, SUBGRADE, BASE (SAND-ASPHALT), BASE (SAND-CLAY), ASPHALT, CNCRETE (MISC. SITE WORK*). Each row lists specific tests like Maximum Density/Optimum Moisture Content, Field Density, Soil Gradation, etc., with their corresponding standards and requirements.

*NOTE: CONCRETE FOR SITE WORK INCLUDES BUT IS NOT LIMITED TO CURB & GUTTER, SIDEWALKS, ETC., EXCEPT CONCRETE PAVEMENT.

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MUSSETT BAYOU MANOR A RESIDENTIAL DEVELOPMENT logo and address: MUSSETT BAYOU MANOR, LLC 6652 EAST COUNTY 30A WATERSOUND BEACH, FLORIDA 32461

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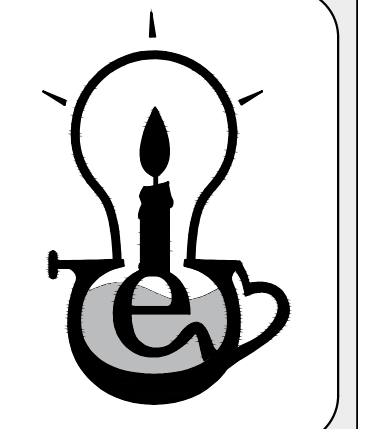
DATE: 03.06.2013

REV. DATE: 06.26.2013

PROJ. No.: 141.0.0.10

DRAWN BY: MTM

REVIEWED BY: DES



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DAVID E. SMIEL, P.E. FLORIDA REGISTRATION NO. 2007 CERT. OF AUTHORIZATION: 0722 INNERLIGHT ENGINEERING CORP. 410 NORTH W STREET PENSACOLA, FL 32505 P: 850.533.0270

SHEET TITLE

GENERAL NOTES (1 OF 2)

SHEET NUMBER

2.0

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GENERAL UTILITY NOTES:

- ALL UTILITIES MUST BE INSTALLED PRIOR TO THE CONSTRUCTION OF CURB, BASE AND PAVEMENT. APPROVAL BY LOCAL AUTHORITY MUST BE OBTAINED PRIOR TO FURTHER CONSTRUCTION.
- CONTRACTOR IS TO PROVIDE A SITE ELECTRICAL PLAN TO OWNER AND ENGINEER PRIOR TO COMMENCEMENT OF CONSTRUCTION (EXCLUDING DEMOLITION). CONDUITS FOR ELECTRICAL WORK IN CIVIL PLANS ARE ONLY TO NOTE AN INTENT TO SERVE SPECIFIC AREAS. SITE ELECTRICAL PLAN SHOULD BE DEVELOPED IN COORDINATION WITH OWNER TO ANTICIPATE DEMAND AND ASSURE SUCH WORK MEETS APPLICABLE CODES.
- SITE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH LIGHTING, IRRIGATION AND ELECTRICAL CONTRACTORS REGARDING REQUIRED CONDUITS.
- PIPE LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTHS ARE MEASURED IN LINEAR FEET (NOTED AS LF).
- ALL MANHOLES, INLETS AND CLEANOUTS SUBJECT TO VEHICULAR LOADING, INCLUDING THOSE AREAS REQUIRING FUTURE MAINTENANCE, SHALL HAVE TRAFFIC BEARING (HS-20) RINGS, COVERS, GRATES, ETC.
- ALL STORM INLETS EQUAL TO OR GREATER THAN 5' DEEP SHALL BE EQUIPPED WITH ACCESS RUNGS.
- ALL STORM SEWER STUB-OUTS TO BE CLOSED W/ MASONRY SEAL AT THE STUB END.
- ALL STORMWATER DRAIN PIPE JOINTS WITHIN 6 FEET OF PAVING SHALL BE WRAPPED WITH FOOT APPROVED FABRIC UNLESS OTHERWISE NOTED OR STATED BY THE ENGINEERS.
- WATER AND WASTEWATER CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL AUTHORITY SPECIFICATIONS, UNLESS OTHERWISE SHOWN ON PLANS.
- A MINIMUM 18" COVER IS REQUIRED ON ALL PROPOSED WATER AND SANITARY LINES AND SERVICES FROM FINISHED GRADES, INCLUDING SWALES AND STORMWATER RETENTION / DETENTION AREAS.
- POTABLE WATER MAINS, SERVICES AND VALVES SHALL BE MARKED BY INSTALLATION OF NO. 14 COPPER INSULATED TRACER WIRE IN TRENCH ABOVE PIPE. TRACER WIRE SHALL BE INSTALLED THROUGHOUT THE ENTIRE SYSTEM.
- CONTRACTOR SHALL INSTALL SANITARY SEWER MAINS AT UNIFORM SLOPE BETWEEN MANHOLES SPECIFIED ON THE UTILITY PLAN. ALIGNMENT OF PIPE BETWEEN MANHOLES SHALL BE STRAIGHT.
- FIRE HYDRANTS SHALL BE PAINTED CHROME YELLOW (SAFETY YELLOW) PER NFPA-291.
- LEAKAGE TESTS SHALL BE PERFORMED ON ALL SEWER PIPES AND MANHOLES.
 - SEWER PIPES SHALL BE TESTED BY EITHER INFILTRATION OR EXFILTRATION, AS APPROPRIATE, SO THAT TEST IS PERFORMED WITH A MINIMUM POSITIVE HEAD OF 2 FEET. TEST DURATION SHALL BE A MINIMUM OF 2 HOURS DURATION AND MAXIMUM ALLOWABLE LEAKAGE (IN OR OUT OF PIPE) SHALL NOT EXCEED 200 GALLONS PER INCH OF PIPE DIAMETER PER MILE PER DAY (EQUIVALENT TO 0.157 GALLONS PER INCH DIAMETER PER 100 FEET OF PIPE PER HOUR).
 - MANHOLES SHALL BE TESTED BY PLUGGING LINES IN / OUT OF THE MANHOLE AND FILLING MANHOLE TO RIM WITH WATER. AFTER ALLOWING WATER TO STABILIZE FOR ONE HOUR, CONTRACTOR SHALL FILL THE MANHOLE AGAIN, THEN CHECK WATER LEVEL AFTER TWO HOURS. A DROP IN WATER LEVEL OF ONE INCH (1") PER FOOT OF MANHOLE DEPTH PER HOUR IS CONSIDERED ACCEPTABLE.
- IF PIPING OR MANHOLE FAIL LEAKAGE TESTS, CONTRACTOR SHALL TAKE CORRECTIVE ACTION TO RESEAL AND THEN RETEST.
- HYDROSTATIC TESTING OF WATER MAINS AND APPURTENANCES SHALL CONSIST OF BOTH PRESSURE AND LEAKAGE TESTS OF 2 HOUR DURATION EACH AT 150 PSIG.
- PRESSURE TESTS WILL BE CONDUCTED WITH A PRESSURE LOSS OF NOT MORE THAN 2 PSIG REGARDLESS OF PIPE LENGTH TESTED.
- LEAKAGE TESTS WILL BE CONDUCTED AFTER PRESSURE TESTS. PIPE INSTALLATION WILL NOT BE ACCEPTED IF LEAKAGE IS GREATER THAN DETERMINED BY THE FOLLOWING FORMULA FROM ANSI/AWWA C-600-LATEST: $L=(SD(P)^2)^{1/3}/133200$ WHERE L = ALLOWABLE LEAKAGE IN GALLONS PER HOUR; S = LENGTH OF PIPELINE TESTED IN FEET; D = NOMINAL DIAMETER OF PIPE IN INCHES; P = AVERAGE PRESSURE DURING LEAKAGE TEST IN PSIG.
- IF LEAKAGE IS GREATER THAN SPECIFIED LIMIT, CONTRACTOR SHALL TAKE CORRECTIVE ACTION TO LOCATED AND REPAIR DEFECTIVE MATERIAL. VISIBLE LEAKS WILL BE CORRECTED REGARDLESS OF TOTAL LEAKAGE.
- ALL WATER PIPES AND FITTINGS WILL BE THOROUGHLY DISINFECTED PRIOR TO BEING PLACED INTO SERVICE. DISINFECTION WILL FOLLOW APPLICABLE PROVISIONS OF PROCEDURES ESTABLISHED IN AWWA C-651-LATEST, RULE 62-555.345, F.A.C. AND WILL BE IN ACCORDANCE WITH BOTH STATE AND LOCAL REQUIREMENTS.
- WHERE IT BECOMES NECESSARY TO TEMPORARILY REMOVE, REPOSITION, OR SUPPORT EXISTING FACILITIES, UTILITY POLES, ETC. THIS WORK SHALL BE PERFORMED AT THE CONTRACTOR'S EXPENSE AND IN ACCORDANCE WITH REQUIREMENTS OF THE OWNER OF THE EXISTING FACILITY, UTILITY POLE, ETC. THE CONTRACTOR SHALL GIVE PROPER NOTICE TO THE UTILITIES. THE CONTRACTOR SHALL PHYSICALLY EXAMINE THE ENTIRE PROJECT SITE AND INFORM HIMSELF FULLY IN REGARD TO ALL CONDITIONS PERTAINING TO THE PLACE WHERE THE WORK IS TO BE PERFORMED FOR PURPOSE OF DETERMINING HIS COST TO PERFORM THE WORK.
- THE CONTRACTOR SHOULD PAY SPECIAL ATTENTION TO AREAS INVOLVING CLEARING AND GRUBBING, EXISTING FACILITIES REMOVAL AND REPLACEMENT, SUPPORT ON RELOCATION, AND WORK INVOLVED IN WETLAND AREAS. WHERE IT IS NECESSARY TO CROSS OVER OR UNDER EXISTING FACILITIES, A MINIMUM OF 6" CLEARANCE SHALL BE PROVIDED BETWEEN THE NEW AND EXISTING UTILITY. IT MAY BE NECESSARY AT SUCH LOCATIONS TO PROVIDE DUCTILE IRON PIPE FOR THE NEW UTILITY AND/OR SUPPORT AS SHOWN IN THE PLANS. THIS WORK WILL BE AS DIRECTED IN THE FIELD OR SHOWN ON THE PLANS AND SHALL BE PAID FOR UNDER THE UNIT PRICES BID FOR THE VARIOUS SIZES AND TYPES OF PIPE. THERE SHALL BE NO ADDITIONAL COMPENSATION FOR EXTRA DEPTH REQUIRED TO CROSS UNDER EXISTING FACILITIES.
- WHEN PIPE DEFLECTION IS USED TO CHANGE ALIGNMENT ON GRADE OF PRESSURE PIPE, DEFLECTION SHALL NOT EXCEED 50% OF THE MANUFACTURER'S MAXIMUM RECOMMENDED DEFLECTION. IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND SCHEDULE THE ACTIVITIES OF THE UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO TV, TELEPHONE, GAS, POWER, ETC., AND PROVIDE IN ACCORDANCE WITH THE UTILITY COMPANY ANY NECESSARY CONDUITS FOR CROSSINGS UNDER PAVEMENT. NO ADDITIONAL COMPENSATION SHALL BE PROVIDED FOR THIS SERVICE.
- ANY DAMAGE CAUSED BY THE UTILITY COMPANY TO THE IMPROVEMENTS OF THE CONTRACTOR SHALL BE REPAIRED IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT REPAIRS ARE PERFORMED, EITHER BY THE CONTRACTOR OR THE UTILITY COMPANY AT NO COST TO THE OWNER.

POLLUTION CONTROL

- POLLUTION CONTROL MEASURES FOR THE SITE INCLUDE PROPER WASTE DISPOSAL, PROPER MANAGEMENT OF CHEMICAL STORAGE TANKS, EROSION FROM EGRESSES, SANITARY SEWAGE DISPOSAL AND ON-SITE VEHICLE STORAGE AND MAINTENANCE. NO DEBRIS THAT IS GENERATED WILL BE BURIED ON SITE.
 - WASTE DISPOSAL:** SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL BE PROPERLY DISPOSED OF OR REMOVED FROM THE SITE TO AN APPROPRIATE LANDFILL, AND SHALL NOT BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT. CLEANUP AND DISPOSAL OF ALL WASTE MATERIALS (SOLID OR HAZARDOUS) SHALL BE IN ACCORDANCE WITH ALL RECOGNIZED LOCAL AND FEDERAL REQUIREMENTS. ALL DISPOSAL SHALL BE TO APPROVED OFF-SITE WASTE FACILITIES. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED IN THE APPROPRIATE ON-SITE OR OFF-SITE LOCATION. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.
 - OFF-SITE VEHICLE TRACKING:** OFF-SITE VEHICLE TRACKING OF DIRT, SOILS, AND SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED OR ELIMINATED TO THE MAXIMUM EXTENT PRACTICAL. A STABILIZED CONSTRUCTION ENTRANCE HAS BEEN PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE CLEANED AS NECESSARY TO REMOVE ANY EXCESS MUD, DIRT, OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPULLIN ON AN AS NEEDED BASIS. A CONCRETE TRUCK WASHOUT LOCATION SHALL BE IN A TEMPORARY TRUCK WASH AREA LOCATED AT THE SITE ENTRANCE. WASHOUT SHALL BE CONTAINED WITHIN A PIT OR TRENCH WITH NO MATERIAL LEAVING THE SITE OR IMPACTING VEGETATED OR NON-DISTURBED AREAS.
 - SANITARY WASTE:** AS SITE CONDITIONS WARRANT, ALL SANITARY WASTE WILL BE MANAGED APPROPRIATELY BY EITHER AN ON-SITE PORTABLE UNIT(S) COLLECTED AT A MINIMUM OF ONCE PER WEEK BY THE LOCAL MUNICIPALITY AND/OR STATE OF GEORGIA LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, OR WITH A MANAGEMENT PLAN THAT ROUTES INDIVIDUALS TO A LEGAL AND APPROPRIATE SANITARY WASTE FACILITY.
 - SPILL REMEDIATION MANAGEMENT PRACTICES:** THE FOLLOWING ARE THE BEST MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES, AS WELL AS A CLEANUP PLAN IF NECESSARY.
 - RISK REDUCTION: PETROLEUM, FERTILIZERS AND PAINT PRODUCTS**
 - AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
 - PRODUCTS WILL BE STORED IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL, AND MUST BE KEPT OFF THE GROUND IN SECURELY FASTENED LIDS.
 - SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
 - WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED BEFORE DISPOSING OF THE CONTAINER.
 - MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
 - THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS.
 - ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS (MSDS) WILL BE RETAINED.
 - IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.
 - ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE.
 - ALL PRODUCTS SHALL BE STORED AND USED IN AN AREA THAT PROVIDES A SECONDARY CONTAINMENT FEATURE, AND SHALL BE LOCATED IN AN AREA WITH THE LEAST FORESEEABLE IMPACT IF A CATASTROPHIC EVENT SHOULD OCCUR. FACILITIES SHOULD BE COVERED AND ACCESS RESTRICTED TO EMPLOYEES ONLY.
 - FERTILIZERS USED WILL BE APPLIED ONLY IN MINIMUM AMOUNTS AS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
 - KEEP FLAMMABLE LIQUIDS IN CLOSED CONTAINERS WHEN NOT IN USE.
 - USE PROPER RECEPACLES TO DISPOSE OF CONTAMINATED WASTES THAT CANNOT BE RECYCLED IN CONFORMANCE WITH FEDERAL, STATE AND/OR LOCAL REGULATIONS.
 - DO NOT DUMP PETROLEUM PRODUCT WASTE, PESTICIDES, FERTILIZERS, PAINTS OR OTHER CHEMICALS INTO SEWERS, STORM DRAINS OR DRAINAGE CHANNELS.
 - PREVENT SPILLS OF PETROLEUM PRODUCTS FROM OCCURRING BY TAKING SPECIAL CARE WHEN HANDLING, AND KEEP FACILITIES AND EQUIPMENT MAINTAINED.
 - USE SPILL PROOF CONTAINERS AND FUNNELS WHEN TRANSFERRING FLUIDS FROM ONE CONTAINER TO ANOTHER.
 - POST INFORMATIONAL MATERIALS REGARDING CHEMICAL CONTROL.
 - SPILL CONTROL PLAN: THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:**
 - EMERGENCY CONTACT NUMBERS FOR SPILLS SHALL BE AVAILABLE ON-SITE.
 - MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE ON SITE.
 - MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP SHALL BE AVAILABLE ON-SITE.
 - ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
 - KEEP TRAINED STAFF IN SPILL RESPONSE ON CALL.
 - THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
 - SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE LOCAL OR FEDERAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.
 - THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
- THE FOLLOWING MATERIALS OR SUBSTANCES ARE ANTICIPATED TO BE PRESENT ON-SITE DURING CONSTRUCTION: CONCRETE AND ASPHALT; GRADED AGGREGATE BASE AND OTHER AGGREGATES; DETERGENTS; PAINTS (ENAMEL AND LATEX); METAL STUDS; CONCRETE; TAR; FERTILIZERS; PETROLEUM BASED PRODUCTS; CLEANING SOLVENTS; WOOD; MASONRY BLOCK; ROOFING SHINGLES.
- ALL PETROLEUM PRODUCTS SHALL BE STORED AND USED IN AN AREA THAT PROVIDES A SECONDARY CONTAINMENT FEATURE, AND SHALL BE LOCATED IN AN AREA WITH THE LEAST FORESEEABLE IMPACT IF A CATASTROPHIC EVENT SHOULD OCCUR. EMERGENCY CONTACT NUMBERS AND PROCEDURES FOR SPILLS SHALL BE AVAILABLE ON-SITE.
- WASTE DISPOSAL: SOLID MATERIALS, INCLUDING BUILDING MATERIALS WILL BE DISPOSED OF OFF SITE AND THEREFORE WILL NOT BE DISCHARGED TO WATERS OF THE STATE FROM THE CONSTRUCTION SITE.
- ALL POTENTIAL POLLUTION SOURCES WILL BE IDENTIFIED, INCLUDING PETROLEUM PRODUCT STORAGE, CONCRETE HANDLING, HERBICIDES AND ANY OTHER POLLUTANTS WHICH HAVE THE POTENTIAL TO BE EXPOSED TO RAINFALL AND BE DISCHARGED IN THE STORM WATER RUNOFF. PRACTICES WILL BE IMPLEMENTED TO ENSURE THE REDUCTION OF THESE POLLUTANTS IN STORM WATER DISCHARGES.

LINE TYPE LEGEND

-----	EXISTING FEATURES
_____	PROPOSED FEATURES
-----	EXISTING RIGHT-OF-WAY
-----	PROPOSED RIGHT-OF-WAY
-----E-----E-----	EXISTING ELECTRIC
-----E-----E-----	PROPOSED ELECTRIC
-----FO-----FO-----	EXISTING FIBER OPTIC
-----FO-----FO-----	PROPOSED FIBER OPTIC
-----GAS-----GAS-----	EXISTING GAS MAIN
-----GAS-----GAS-----	PROPOSED GAS MAIN
-----SS-----SS-----	EXIST. SANITARY SEWER MAIN
-----SS-----SS-----	PROP. SANITARY SEWER MAIN
-----FM-----FM-----	EXISTING FORCE MAIN
-----FM-----FM-----	PROPOSED FORCE MAIN
=====	EXISTING STORM SEWER
=====	PROPOSED STORM SEWER
-----W-----W-----	EXISTING WATER MAIN
-----W-----W-----	PROPOSED WATER MAIN
-----F-----F-----	PROPOSED FIRE MAIN
-----IR-----IR-----	PROPOSED IRRIGATION MAIN
-----X-----X-----	EXISTING FENCE
-----X-----X-----	PROPOSED FENCE
-----O-----O-----	PROPOSED CHAIN LINK FENCE
-----SF-----SF-----	PROPOSED WOOD FENCE
-----SF-----SF-----	SILT FENCE
-----C-----C-----	EXISTING COMMUNICATION
-----C-----C-----	PROPOSED COMMUNICATION
-----10.0-----10.0-----	EXISTING CONTOURS
-----19-----19-----	PROPOSED CONTOURS

SYMBOLS LEGEND

EXISTING	PROPOSED	
		POWER POLE
		COMBINATION POLE
		TELEPHONE POLE
		TELEPHONE PEDESTAL
		SIGNAL POLE
		LIGHT POLE
		GUY ANCHOR
		GAS METER
		GAS VALVE
		SANITARY SEWER MANHOLE
		SANITARY SEWER FLOW ARROW
		FIRE HYDRANT
		WATER VALVE
		WATER METER
		STORM MANHOLE
		CURB INLET
		GRATE INLET
		STORM FLOW ARROW

ABBREVIATIONS LEGEND

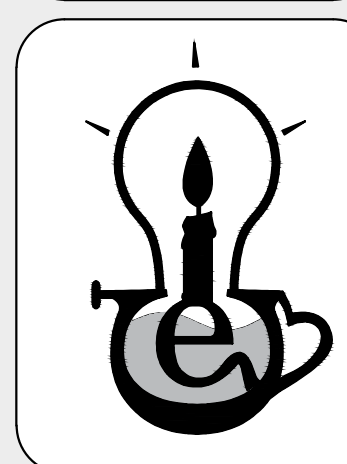
HDPE	- HIGH DENSITY POLYETHYLENE
RCP	- REINFORCED CONCRETE PIPE
CMP	- CORRUGATED METAL PIPE
EOP	- EDGE OF PAVEMENT
FOC	- FACE OF CURB
BOC	- BACK OF CURB
R	- RADIUS
OHP	- OVERHEAD POWER
LF	- LINEAR FEET
CONC	- CONCRETE
OC	- ON CENTER
FACE	- BUILDING FACE
RWP	- RIGHT OF WAY PAVEMENT
HDP	- HEAVY DUTY PAVEMENT
EXP	- EXISTING PAVEMENT
GRADING LEGEND	
TC	- TOP OF CURB
BC	- BOTTOM OF CURB
TW	- TOP OF WALL
BW	- BOTTOM OF WALL
EX	- EXISTING GRADE
INV	- INVERT
CO	- CLEANOUT
MH	- MANHOLE
C & G	- CURB & GUTTER
WCR	- WHEEL CHAIR RAMP

REFERENCE SOURCES	
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AASHTO	AMERICAN ASSOCIATION OF HIGHWAY AND TRANSPORTATION OFFICIALS
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
FDEP	FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

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RECORD DATA
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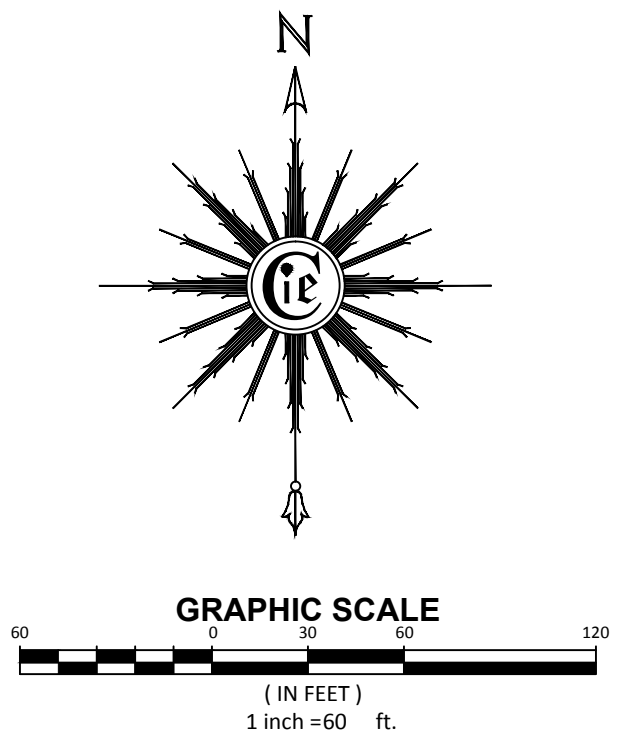
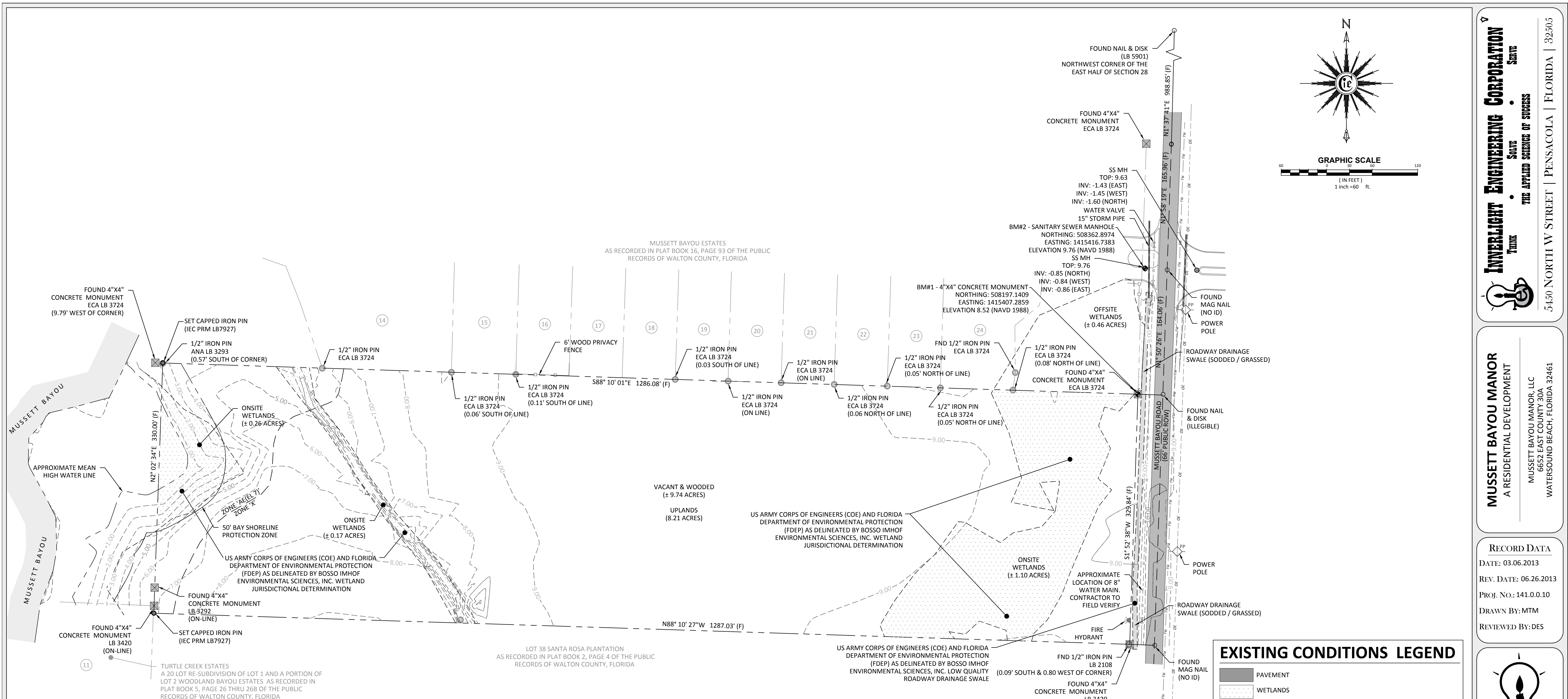


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SHEET TITLE
 GENERAL NOTES
 (2 OF 2)

SHEET NUMBER
 2.1

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EXISTING CONDITIONS NOTES:

1. THIS MAP REFLECTS A BOUNDARY AND TOPOGRAPHIC SURVEY, PREPARED FOR THE PURPOSE OF LOCATING/ESTABLISHING MONUMENTATION, TOPOGRAPHY, AND LOCATION OF VISIBLE IMPROVEMENTS. COMPLETION DATE OF FIELD SURVEY: FEBRUARY 27, 2013, BY DEVON GILLES IN FIELD BOOK 4, PAGES 72-74 & PAGE 78.
2. SOURCES OF INFORMATION RELIED UPON FOR THE PREPARATION OF THIS SURVEY INCLUDES THE FOLLOWING: FIELD RECOVERED MONUMENTATION, DEEDS, PLATS, AND OTHER DOCUMENTATION AS NOTED HEREON.
3. THIS SURVEY DOES NOT REFLECT RESEARCH BY INNERLIGHT ENGINEERING CORPORATION, REGARDING TITLE OR EASEMENT. THERE MAY EXIST: DEEDS OF RECORD, UNRECORDED DEEDS, PLATS, UNRECORDED PLATS, EASEMENTS, RIGHTS-OF-WAYS, OR OTHER INSTRUMENTS THAT MAY AFFECT THIS PARCEL.
4. NORTH AND THE BEARINGS DEPICTED HERON ARE BASED UPON THE STATE PLANE COORDINATE SYSTEM ~ FLORIDA NORTH ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83).
5. ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
6. NO UNDERGROUND INSTALLATIONS OR IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, UTILITIES, FOUNDATIONS, FOOTERS, HUMAN BURIAL SITES, AND CEMETERIES, WERE LOCATED, EXCEPT AS SHOWN.
7. ADDITION OR DELETIONS TO THIS DRAWING BY ANY OTHER PERSON(S) THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.
8. WETLANDS AS SHOWN WERE LOCATED BY BOSSO IMHOF ENVIRONMENTAL SCIENCES, INC.

THE BOUNDARY AND TOPOGRAPHIC SURVEY DEPICTED HEREON WAS PREPARED IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS FOR PROFESSIONAL SURVEYORS AND MAPPERS AS DEFINED IN CHAPTER 61G17-06 OF THE FLORIDA ADMINISTRATIVE CODE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS PURSUANT TO SECTION 472.027 OF THE FLORIDA STATUTES.

LEGAL DESCRIPTION (PER DEED)

LOT 37 OF SANTA ROSA PLANTATION, AS RECORDED IN PLAT BOOK 2, PAGE 4 OF THE PUBLIC RECORDS OF WALTON COUNTY, FLORIDA.

FLOOD NOTE

BASED ON THE NATIONAL FLOOD INSURANCE PROGRAM "FIRM" MAP COMMUNITY-PANEL NUMBER 12131C0544 G, DATED SEPTEMBER 29, 2010 THE SUBJECT PARCEL IS LOCATED IN FLOOD ZONE 'X' AND FLOOD ZONE 'AE (EL 7),' AS DELINEATED ON THIS SHEET.

BENCHMARK DATA

- BM #1 - FND CONCRETE MONUMENT (ECA PRM LB 3724)
NORTHING: 508197.1409
EASTING: 1415407.2859
ELEVATION: 8.52 (NAVD 1988)
- BM #2 - SANITARY SEWER MANHOLE LID
NORTHING: 508362.8974
EASTING: 1415416.7383
ELEVATION: 9.76 (NAVD 1988)

ABBREVIATIONS

R/W	RIGHT-OF-WAY	NAD83	NORTH AMERICAN DATUM 1983
N	NORTH	DNR	DEPARTMENT OF NATURAL RESOURCES
S	SOUTH	ORB	OFFICIAL RECORD BOOK
E	EAST	PG	PAGE
W	WEST	ELEV / EL	ELEVATION
SQ. FT.	SQUARE FEET	(R)	RECORD DIMENSION
AC.	ACRES	*	DEGREES WHEN USED IN A BEARING OR ANGLE
L1	LINE & NUMBER TO LINE TABLE	"	MINUTES WHEN USED IN A BEARING OR ANGLE
C1	CURVE & NUMBER TO CURVE TABLE	"	SECONDS WHEN USED IN A BEARING OR ANGLE
LB	LICENSED BUSINESS	"	FEET OR DECIMAL THEREOF WHEN USED IN A
#	NUMBER	"	DIMENSION
ID	IDENTIFICATION	"	INCHES WHEN USED IN A DIMENSION
NGVD29	NATIONAL GEODETIC VERTICAL DATUM 1929	±	MORE OR LESS

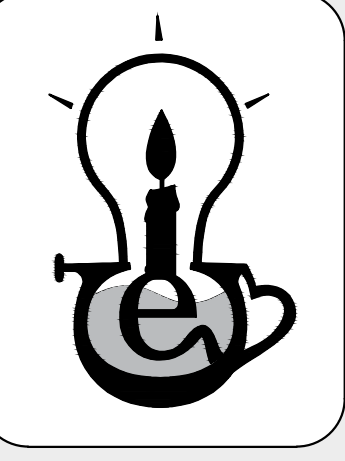
EXISTING CONDITIONS LEGEND

- PAVEMENT
- WETLANDS
- BOUNDARY LINE
- WETLAND LINE
- FLOOD ZONE BOUNDARY
- MEAN HIGH WATER LINE
- WOOD FENCE
- OVERHEAD ELECTRIC
- CONTOUR (MAJOR)
- CONTOUR (MINOR)
- POWER POLE
- FOUND 1/2" CAPPED IRON PIN WITH CAP
- FOUND 4"x4" CONCRETE MONUMENT
- FOUND NAIL & DISK
- SET CAPPED IRON PIN (IEC PRM LB7927)

INNERLIGHT ENGINEERING CORPORATION
 THE APPLIED SCIENCE OF SUCCESS
 5150 NORTH W STREET | PENSACOLA | FLORIDA | 32505

MUSSETT BAYOU MANOR
 A RESIDENTIAL DEVELOPMENT
 MUSSETT BAYOU MANOR, LLC
 6652 EAST COUNTY 30A
 WATERSOUND BEACH, FLORIDA 32461

RECORD DATA
 DATE: 03.06.2013
 REV. DATE: 06.26.2013
 PROJ. NO.: 141.0.0.10
 DRAWN BY: MTM
 REVIEWED BY: DES



SEAL
 NOT VALID WITHOUT SIGNATURE AND THE ORIGINAL SEAL.

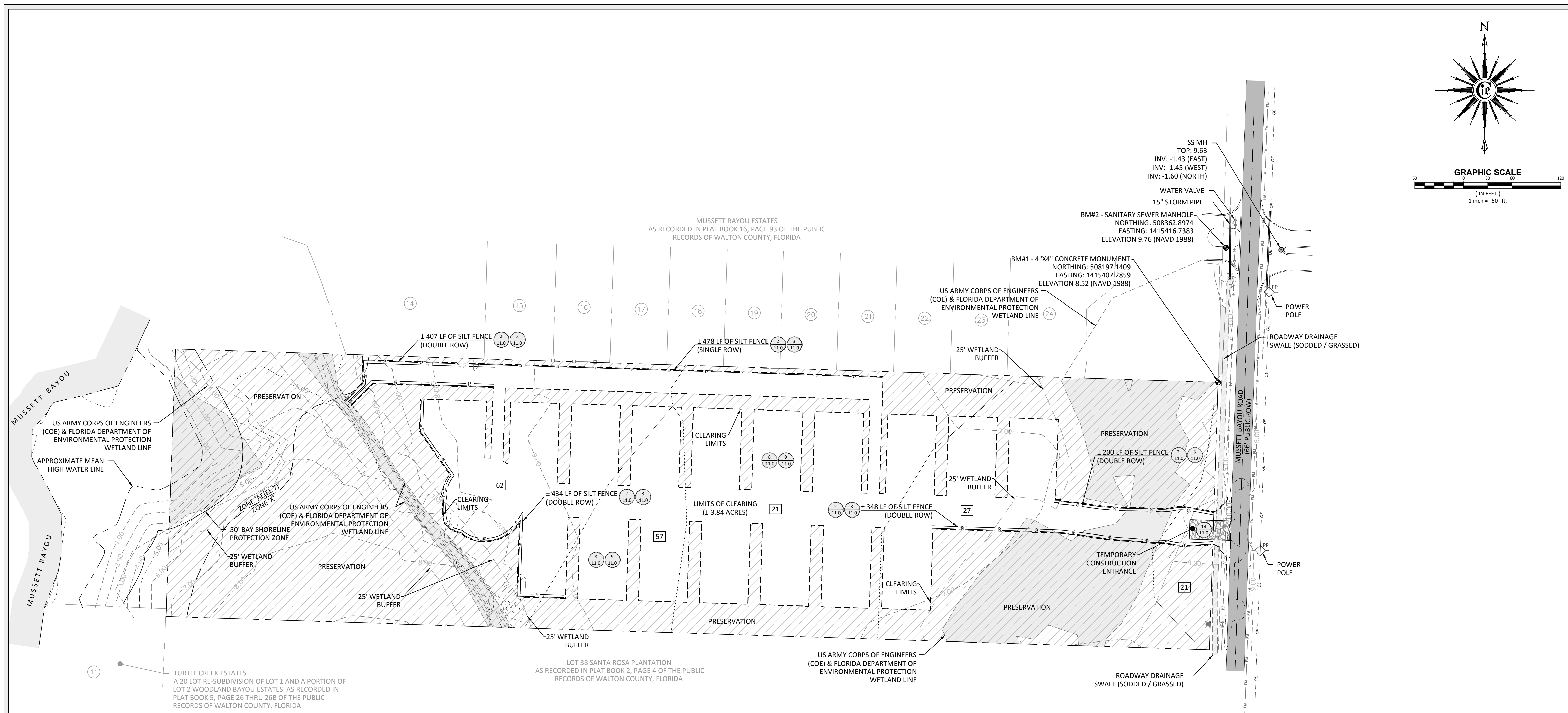
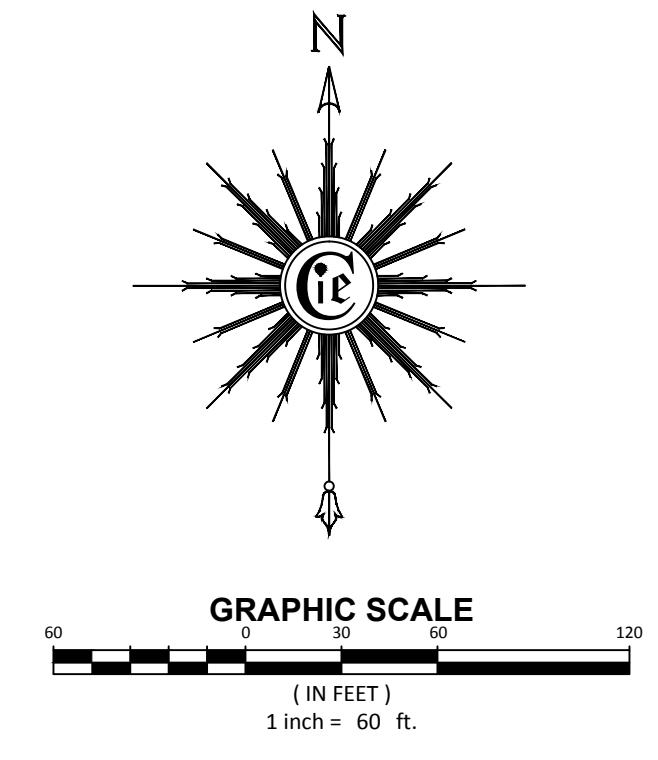
SHEET TITLE

EXISTING CONDITIONS

SHEET NUMBER

3.0

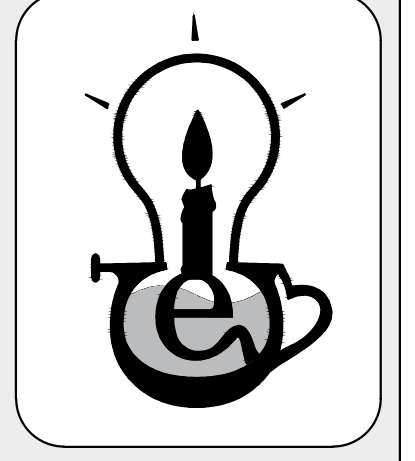
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RECORD DATA
 DATE: 03.06.2013
 REV. DATE: 06.26.2013
 PROJ. NO.: 141.0.0.10
 DRAWN BY: MTM
 REVIEWED BY: DES



SEAL
 NOT VALID WITHOUT SIGNATURE AND THE ORIGINAL SEAL.

SHEET TITLE
 DEMOLITION & EROSION CONTROL PLAN

SHEET NUMBER
 4.0

DEMOLITION & EROSION CONTROL NOTES

- CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES PRIOR TO CLEARING OR GRADING ACTIVITIES ON SITE. SEE SHEET 11.0 FOR EROSION CONTROL DETAILS.
- CONTRACTOR IS TO PLACE STRUCTURAL BMP'S ANYWHERE THAT WATER IS LIKELY TO ESCAPE THE CONSTRUCTION LIMITS. HAY BALES OR MULCH BERMS SHALL BE PLACED IN CONCENTRATED FLOW AREAS LESS THAN 1.0 ACRE DRAINAGE AREA, AND #4 STONE FILTER BARRIERS SHOULD BE PLACED WHERE DRAINAGE AREA EXCEEDS 1 ACRE.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED ON SITE FOR THE DURATION OF CONSTRUCTION. REPAIR AND / OR REPLACE AS NECESSARY.
- ALL EXISTING BUILDING MATERIALS, CONCRETE, ASPHALT, TREES, STUMPS, AND OTHER DELETERIOUS MATERIAL AS INDICATED ON THE PLANS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH FLORIDA LAWS.
- THE CONTRACTOR SHALL CLEAR AND GRUB ALL AREA WITHIN THE CLEARING LIMITS DEPICTED HEREON INCLUDING DEMOLITION OF EXISTING INFRASTRUCTURE INCLUDING UNDERGROUND UTILITIES WHETHER DEPICTED HEREON OR NOT BUT ONLY AFTER VERIFICATION FROM ENGINEER & RESPECTIVE UTILITY COMPANY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VISIT THE SITE AND ACCOUNT FOR IN BID ALL REQUIRED CLEARING, GRUBBING & DEMOLITION NECESSARY TO ACCOMPLISH THIS TASK.

LIMITS OF CLEARING

THE LIMITS OF CLEARING, AS SHOWN ON THIS SHEET, ARE APPROXIMATELY 166,860 SF (3.87 ACRES).

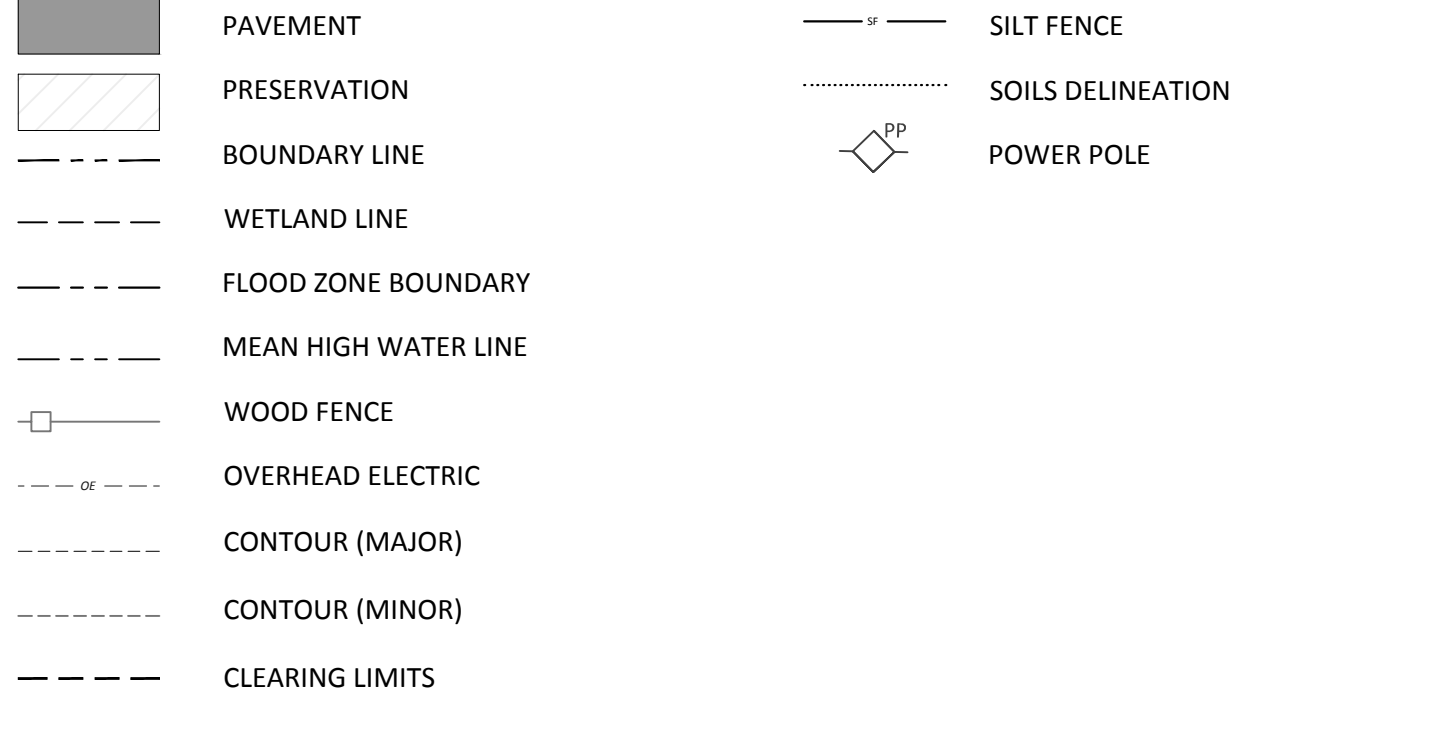
ONSITE SOIL(S)

MAP UNIT SYMBOL	MAP UNIT NAME	RATING
21	LEON SAND	A/D
27	RUTLEGE FINE SAND	A/D
57	HURRICANE SAND, 0 TO 5% SLOPES	A
62	RESOTA SAND, 0 TO 5% SLOPES	A

BENCHMARK DATA

- BM #1 - FND CONCRETE MONUMENT (ECA PRM LB 3724)
 NORTHING: 508197.1409
 EASTING: 1415407.2859
 ELEVATION: 8.52 (NAVD 1988)
- BM #2 - SANITARY SEWER MANHOLE LID
 NORTHING: 508362.8974
 EASTING: 1415146.7383
 ELEVATION: 9.76 (NAVD 1988)

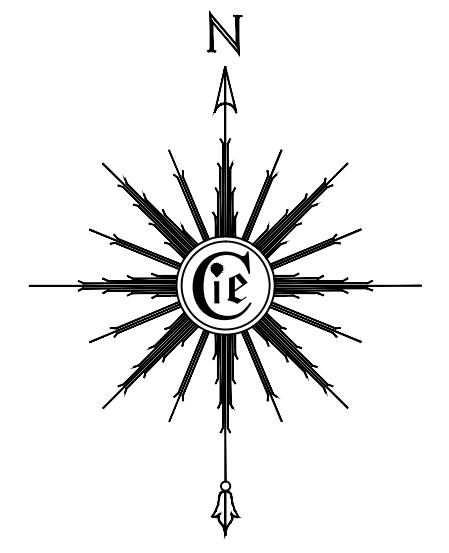
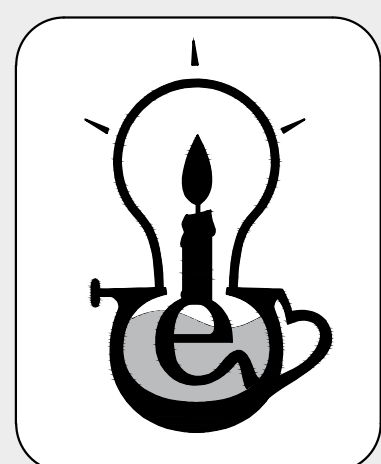
DEMOLITION & EROSION CONTROL LEGEND



ABBREVIATIONS

R/W	RIGHT-OF-WAY	NAD83	NORTH AMERICAN DATUM 1983
N	NORTH	DNR	DEPARTMENT OF NATURAL RESOURCES
S	SOUTH	ORB	OFFICIAL RECORD BOOK
E	EAST	PG	PAGE
W	WEST	ELEV / EL	ELEVATION
SQ. FT.	SQUARE FEET	(R)	RECORD DIMENSION
AC.	ACRES	°	DEGREES WHEN USED IN A BEARING OR ANGLE
L1	LINE & NUMBER TO LINE TABLE	'	MINUTES WHEN USED IN A BEARING OR ANGLE
C1	CURVE & NUMBER TO CURVE TABLE	"	SECONDS WHEN USED IN A BEARING OR ANGLE
LB	LICENSED BUSINESS	'	FEET OR DECIMAL THEREOF WHEN USED IN A DIMENSION
#	NUMBER	"	INCHES WHEN USED IN A DIMENSION
ID	IDENTIFICATION	±	MORE OR LESS
NGVD29	NATIONAL GEODETIC VERTICAL DATUM 1929		





GENERAL NOTES

- THIS PLAT IS BASED UPON A BOUNDARY SURVEY BY THIS FIRM AND WAS PREPARED IN ACCORDANCE WITH THE MINIMUM TECHNICAL STANDARDS FOR PROFESSIONAL SURVEYORS AND MAPPERS AS DEFINED IN CHAPTER 61G17-06 OF THE FLORIDA ADMINISTRATIVE CODE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS PURSUANT TO SECTION 472.027 OF THE FLORIDA STATUTES.
- SOURCES OF INFORMATION RELIED UPON FOR THE PREPARATION OF THIS PLAT INCLUDES THE FOLLOWING: FIELD RECOVERED MONUMENTATION AND DEEDS, PLATS AND OTHER DOCUMENTATION AS NOTED HEREON.
- THIS PLAT DOES NOT REFLECT RESEARCH BY INNERLIGHT ENGINEERING CORPORATION, REGARDING TITLE OR EASEMENT. THERE MAY EXIST: DEEDS OF RECORD, UNRECORDED DEEDS, PLATS, UNRECORDED PLATS, EASEMENTS, RIGHTS-OF-WAYS, OR OTHER INSTRUMENTS THAT MAY AFFECT THIS PARCEL.
- NORTH AND THE BEARINGS DEPICTED HERON ARE BASED UPON THE STATE PLANE COORDINATE SYSTEM ~ FLORIDA NORTH ZONE, NORTH AMERICAN DATUM OF 1983 (NAD83).
- NO UNDERGROUND INSTALLATIONS OR IMPROVEMENTS INCLUDING, BUT NOT LIMITED TO, UTILITIES, FOUNDATIONS, FOOTERS, HUMAN BURIAL SITES, AND CEMETERIES, WERE LOCATED, EXCEPT AS SHOWN.
- ALL LOT LINES DEPICTED HEREON ARE NON-RADIAL (N.R.) UNLESS OTHERWISE NOTED.
- FEDERAL EMERGENCY MANAGEMENT AGENCY (F.E.M.A.), FLOOD INSURANCE RATE MAP (F.I.R.M.) 12131C0544G, EFFECTIVE DATE OF SEPTEMBER 29, 2010, INDICATES THAT THE SUBJECT PARCEL IS LOCATED IN ZONE "X" AND ZONE "AE(EL 7)" AS DELINEATED ON THIS SHEET. NO CERTIFICATIONS ARE MADE REGARDING THE ACCURACY OF SAID F.I.R.M.
- PRESERVATION AREAS AS SHOWN ON THIS PLAT ARE TO REMAIN INTACT, UNCLEARED AND UNDISTURBED IN ACCORDANCE WITH THE DEVELOPMENT ORDER ISSUED BY WALTON COUNTY, FLORIDA FOR THE DEVELOPMENT OF MUSSETT BAYOU MANOR.

WALTON COUNTY STATEMENT

PURSUANT TO FLORIDA STATUTES 177.081 (3) ALL PUBLIC AREAS SHOWN ON THIS PLAT, UNLESS OTHERWISE STATED, SHALL BE DEEMED TO HAVE BEEN DEDICATED TO THE PUBLIC FOR THE USES AND PURPOSES HEREON STATED. HOWEVER, NOTHING HEREIN SHALL BE CONSTRUED AS CREATING AN OBLIGATION UPON WALTON COUNTY TO PERFORM ANY ACT OF CONSTRUCTION OR MAINTENANCE WITHIN SUCH DEDICATED AREAS, EXCEPT WHEN THE OBLIGATION IS VOLUNTARILY ACCEPTED BY THE GOVERNING BODY OF WALTON COUNTY, FLORIDA. THE MERE RECORDING OF THIS PLAT DOES NOT CONSTITUTE ACCEPTANCE FOR ANY ACT OF CONSTRUCTION OR MAINTENANCE.

NOTICE

THIS PLAT, AS RECORDED IN ITS GRAPHIC FORM, IS THE OFFICIAL DEPICTION OF THE SUBDIVIDED LANDS DESCRIBED HEREIN AND WILL IN NO CIRCUMSTANCES BE SUPPLANTED IN AUTHORITY BY ANY OTHER GRAPHIC OR DIGITAL FORM OF THIS PLAT. THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

PRELIMINARY PLAT LEGEND

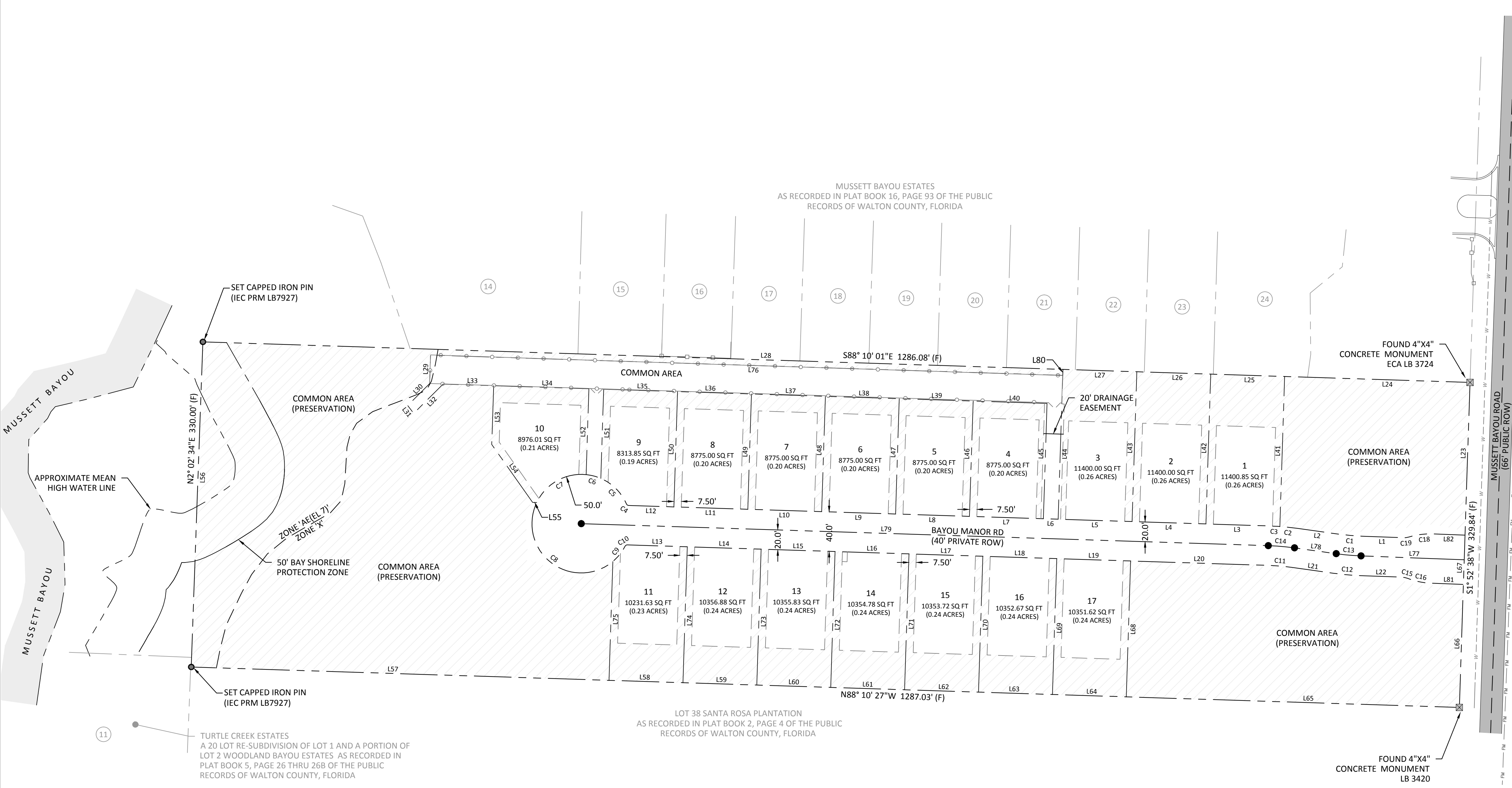
- PAVEMENT
- PRESERVATION
- BOUNDARY LINE
- LOT LINE
- SETBACK
- FLOOD ZONE BOUNDARY
- MEAN HIGH WATER LINE
- PRIMARY CONTROL POINT
- FOUND 4"x4" CONCRETE MONUMENT
- SET CAPPED IRON PIN (IEC PRM LB7927)

ABBREVIATIONS

- | | | | |
|---------|---------------------------------------|-----------|--|
| R/W | RIGHT-OF-WAY | NAD83 | NORTH AMERICAN DATUM 1983 |
| N | NORTH | DNR | DEPARTMENT OF NATURAL RESOURCES |
| S | SOUTH | ORB | OFFICIAL RECORD BOOK |
| E | EAST | PG | PAGE |
| W | WEST | ELEV / EL | ELEVATION |
| SQ. FT. | SQUARE FEET | (R) | RECORD DIMENSION |
| AC. | ACRES | ° | DEGREES WHEN USED IN A BEARING OR ANGLE |
| L1 | LINE & NUMBER TO LINE TABLE | ' | MINUTES WHEN USED IN A BEARING OR ANGLE |
| C1 | CURVE & NUMBER TO CURVE TABLE | " | SECONDS WHEN USED IN A BEARING OR ANGLE |
| LB | LICENSED BUSINESS | ' | FEET OR DECIMAL THEREOF WHEN USED IN A DIMENSION |
| # | NUMBER | " | INCHES WHEN USED IN A DIMENSION |
| ID | IDENTIFICATION | ± | MORE OR LESS |
| NGVD29 | NATIONAL GEODETIC VERTICAL DATUM 1929 | | |

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Parcel Line Table

Line #	Length	Direction
L1	42.25'	N87° 50' 43"W
L2	42.71'	N82° 03' 10"W
L3	63.87'	N88° 10' 01"W
L4	75.00'	N88° 10' 01"W
L5	75.00'	N88° 10' 01"W
L6	15.00'	N88° 10' 01"W
L7	75.00'	N88° 10' 01"W
L8	75.00'	N88° 10' 01"W
L9	75.00'	N88° 10' 01"W
L10	75.00'	N88° 10' 01"W
L11	75.00'	N88° 10' 01"W
L12	45.94'	N88° 10' 01"W
L13	60.80'	S88° 10' 01"E
L14	75.00'	S88° 10' 01"E
L15	75.00'	S88° 10' 01"E
L16	75.00'	S88° 10' 01"E
L17	75.00'	S88° 10' 01"E
L18	75.00'	S88° 10' 01"E
L19	75.00'	S88° 10' 01"E
L20	139.01'	S88° 10' 01"E

Parcel Line Table

Line #	Length	Direction
L21	42.71'	S82° 03' 10"E
L22	42.25'	S87° 50' 43"E
L23	159.98'	N1° 52' 38"E
L24	188.14'	N88° 10' 01"W
L25	75.00'	N88° 10' 01"W
L26	75.00'	N88° 10' 01"W
L27	75.00'	N88° 10' 01"W
L28	872.95'	N88° 10' 01"W
L29	29.00'	S1° 54' 04"W
L30	31.41'	S45° 03' 16"W
L31	10.08'	S37° 51' 00"E
L32	42.05'	N45° 03' 16"E
L33	51.28'	S88° 10' 01"E
L34	96.68'	S88° 10' 01"E
L35	75.00'	S88° 10' 01"E
L36	75.00'	S88° 10' 01"E
L37	75.00'	S88° 10' 01"E
L38	75.00'	S88° 10' 01"E
L39	75.00'	S88° 10' 01"E
L40	75.00'	S88° 10' 01"E

Parcel Line Table

Line #	Length	Direction
L41	152.23'	N1° 49' 59"E
L42	152.00'	N1° 49' 59"E
L43	152.00'	N1° 49' 59"E
L44	146.00'	N1° 49' 59"E
L45	117.00'	S1° 49' 59"W
L46	117.00'	N1° 49' 59"E
L47	117.00'	N1° 49' 59"E
L48	117.00'	N1° 49' 59"E
L49	117.00'	N1° 49' 59"E
L50	117.00'	N1° 49' 59"E
L51	90.50'	N1° 49' 59"E
L52	87.11'	S1° 49' 59"W
L53	59.62'	S1° 49' 59"W
L54	71.90'	S35° 13' 26"E
L55	4.15'	S88° 10' 01"E
L56	330.00'	S2° 02' 34"W
L57	424.02'	S88° 09' 05"E
L58	75.00'	S88° 10' 39"E
L59	75.00'	S88° 10' 40"E
L60	75.00'	S88° 10' 40"E

Parcel Line Table

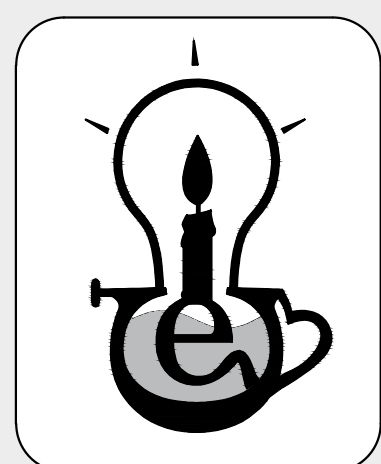
Line #	Length	Direction
L61	75.00'	S88° 10' 40"E
L62	75.00'	S88° 10' 40"E
L63	75.00'	S88° 10' 40"E
L64	75.00'	S88° 10' 01"E
L65	338.02'	S88° 11' 56"E
L66	129.86'	N1° 52' 38"E
L67	40.00'	N1° 52' 38"E
L68	138.03'	S1° 49' 59"W
L69	138.03'	S1° 49' 59"W
L70	138.04'	S1° 49' 59"W
L71	138.06'	S1° 49' 59"W
L72	138.07'	S1° 49' 59"W
L73	138.09'	S1° 49' 59"W
L74	138.10'	S1° 49' 59"W
L75	120.76'	S1° 49' 59"W
L76	641.64'	N88° 10' 01"W
L77	104.80'	S87° 50' 43"E
L78	42.71'	S82° 03' 10"E
L79	697.25'	S88° 10' 01"E
L80	6.00'	N1° 49' 59"E

Parcel Line Table

Line #	Length	Direction
L81	32.77'	S87° 50' 43"E
L82	32.65'	N87° 50' 43"W

Curve Table

Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C1	23.25'	230.00'	5°47'33"	N84° 56' 57"W	23.24'
C2	17.68'	270.00'	3°45'10"	N83° 55' 45"W	17.68'
C3	11.13'	270.00'	2°21'41"	N86° 59' 11"W	11.13'
C4	2.82'	2.50'	64°37'23"	N55° 51' 20"W	2.67'
C5	37.58'	50.00'	43°03'41"	N45° 04' 28"W	36.70'
C6	15.44'	50.00'	17°41'28"	N75° 27' 03"W	15.38'
C7	61.34'	50.00'	70°17'33"	S60° 33' 27"W	57.57'
C8	135.47'	50.00'	155°14'32"	S52° 12' 36"E	97.68'
C9	20.04'	50.00'	22°57'33"	N38° 41' 22"E	19.90'
C10	2.82'	2.50'	64°37'23"	N59° 31' 17"E	2.67'
C11	24.54'	230.00'	6°06'51"	S85° 06' 36"E	24.53'
C12	27.30'	270.00'	5°47'33"	S84° 56' 57"E	27.28'
C13	25.27'	250.00'	5°47'33"	S84° 56' 57"E	25.26'
C14	26.68'	250.00'	6°06'51"	S85° 06' 36"E	26.67'
C15	5.89'	17.50'	19°17'48"	S78° 11' 49"E	5.87'
C16	24.08'	71.50'	19°17'48"	S78° 11' 49"E	23.97'
C18	24.08'	71.50'	19°17'48"	S82° 30' 23"W	23.97'
C19	5.89'	17.50'	19°17'48"	S82° 30' 23"W	5.87'



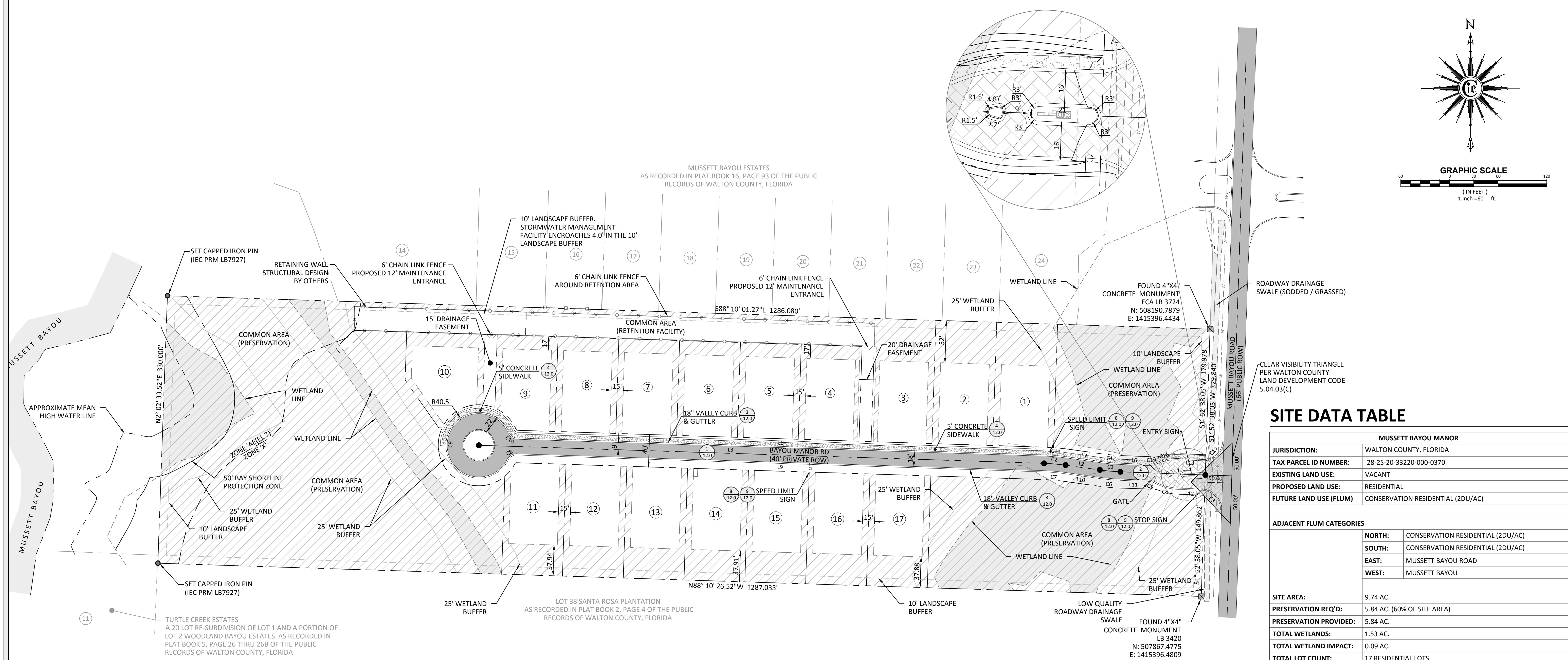
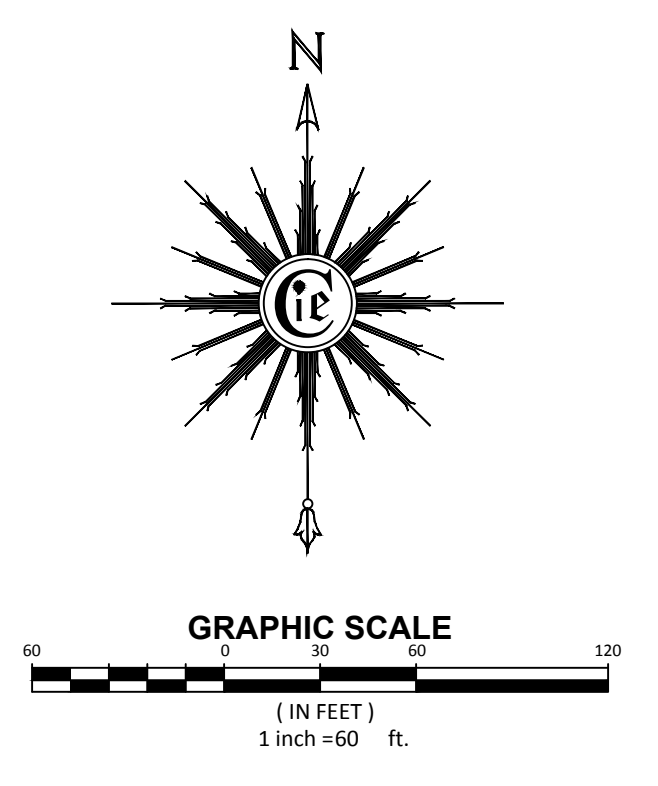
SEAL
 NOT VALID WITHOUT SIGNATURE AND THE ORIGINAL SEAL.
 DAVID E. SMITH, P.E.
 FLORIDA REGISTRATION NO. 39027
 CERT. OF AUTHORIZATION: 2022
 INNERLIGHT ENGINEERING CORP.
 5450 NORTH W STREET
 PENSACOLA, FL 32505
 P. 850.553.0270

SHEET TITLE

SITE PLAN

SHEET NUMBER

6.0



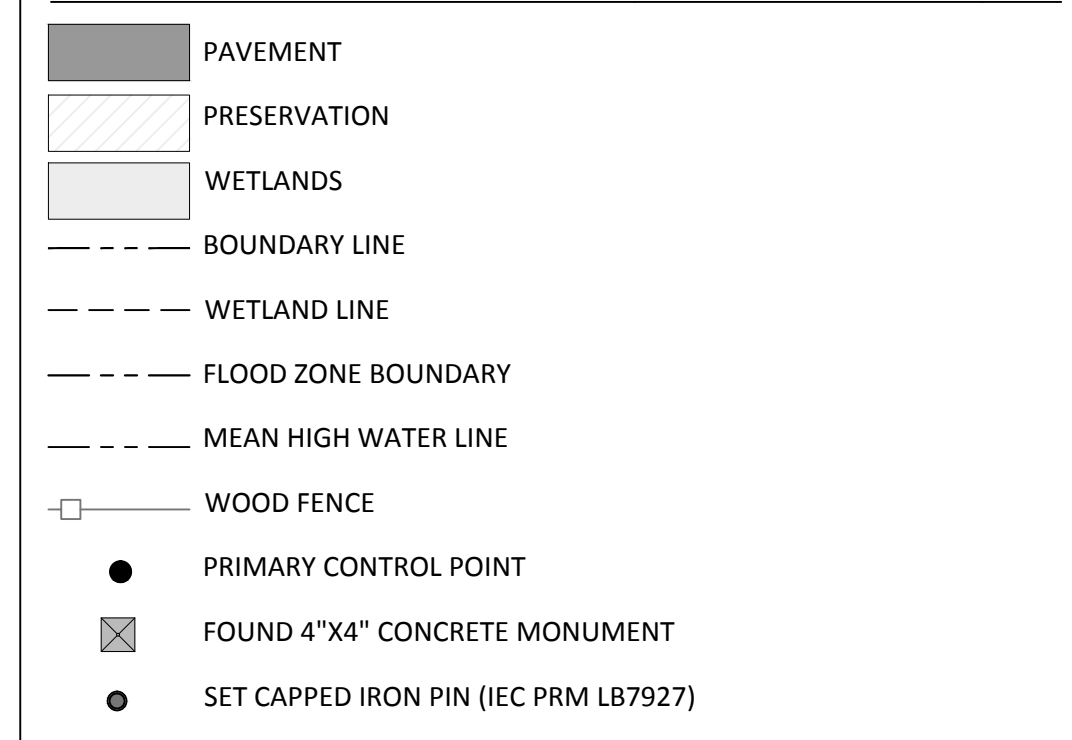
SITE DATA TABLE

MUSSETT BAYOU MANOR	
JURISDICTION:	WALTON COUNTY, FLORIDA
TAX PARCEL ID NUMBER:	28-25-20-33220-000-0370
EXISTING LAND USE:	VACANT
PROPOSED LAND USE:	RESIDENTIAL
FUTURE LAND USE (FLUM)	CONSERVATION RESIDENTIAL (2DU/AC)
ADJACENT FLUM CATEGORIES	
NORTH:	CONSERVATION RESIDENTIAL (2DU/AC)
SOUTH:	CONSERVATION RESIDENTIAL (2DU/AC)
EAST:	MUSSETT BAYOU ROAD
WEST:	MUSSETT BAYOU
SITE AREA:	9.74 AC.
PRESERVATION REQ'D:	5.84 AC. (60% OF SITE AREA)
PRESERVATION PROVIDED:	5.84 AC.
TOTAL WETLANDS:	1.53 AC.
TOTAL WETLAND IMPACT:	0.09 AC.
TOTAL LOT COUNT:	17 RESIDENTIAL LOTS
ACTUAL DENSITY:	1.75 DWELLING UNITS (DU) PER ACRE (AC)
ALLOWABLE DENSITY:	2 DWELLING UNITS PER ACRE
ALLOWABLE BLDG. HEIGHT:	50 FEET MAX.
PROPOSED BLDG. HEIGHT:	< 50 FEET
PARKING REQUIREMENT:	2 PARKING SPACES PER UNIT PROVIDED IN DRIVEWAYS
CHAPTER V (DEVELOPMENT DESIGN & IMPROVEMENT STANDARDS)	
5.00.03 BUILDING SETBACKS:	
FRONT:	20 FEET
REAR:	15 FEET
SIDE:	7.5 FEET
5.00.05 IMPERVIOUS SURFACE RATIO:	
REQUIREMENT:	
PROPOSED IMPERVIOUS AREA:	3.38 AC
5.01.02 LANDSCAPE BUFFERS	
NORTH:	10 FEET
SOUTH:	10 FEET
EAST:	10 FEET
WEST:	N/A, MUSSETT BAYOU
FLOOD ZONE	BASED ON THE NATIONAL FLOOD INSURANCE PROGRAM "FIRM" MAP COMMUNITY-PANEL NUMBER 12131C0544 G, DATED SEPTEMBER 29, 2010 THE SUBJECT PARCEL IS LOCATED IN FLOOD ZONE "X" AND FLOOD ZONE "AE (EL 7)"; AS DELINEATED.

SITE PLAN NOTES

- CONTRACTORS SHALL MAINTAIN PUBLIC ACCESS AT ALL TIMES ALONG WALTON COUNTY RIGHT-OF-WAYS.
- NO PARKING OR UNLOADING OF MATERIALS SHALL OCCUR WITHIN PUBLIC RIGHT-OF-WAY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO STRUCTURES WITHIN THE PUBLIC RIGHT-OF-WAY AND SHALL REPAIR ANY DAMAGE CAUSED BY THE CONSTRUCTION ACTIVITIES TO THE PUBLIC RIGHT-OF-WAY AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL NOT RELOCATE ANY SIDEWALK OR MULTI-USE PATH WITHIN THE COUNTY RIGHT-OF-WAY WITHOUT WRITTEN PERMISSION FROM THE WALTON COUNTY ENGINEER.
- ALL LANDSCAPING WITHIN THE COUNTY RIGHT-OF-WAY SHALL CONSIST OF DROUGHT TOLERANT SPECIES.
- NOTHING SHALL BE ERECTED, PLACED, PARKED, PLANTED, OR ALLOWED TO GROW IN SUCH A MANNER AS TO MATERIALLY IMPEDE VISION BETWEEN A HEIGHT OF TWO FEET AND TEN FEET ABOVE THE GRADE, MEASURED AT THE CENTERLINE OF THE INTERSECTION FOR CLEAR VISIBILITY TRIANGLE.
- DIMENSIONS OF ROADWAY ARE MEASURED FROM BACK OF CURB.

SITE PLAN LEGEND



Parcel Line Table

Line #	Length	Direction
L1	104.80'	S87° 50' 43.29"E
L2	42.71'	S82° 03' 10.24"E
L3	697.25'	S88° 10' 01.27"E
L6	33.70'	S87° 50' 43.29"E
L7	42.71'	S82° 03' 10.24"E
L8	649.82'	S88° 10' 01.27"E
L9	649.82'	N88° 10' 01.27"W
L10	42.71'	N82° 03' 10.24"W
L11	33.70'	N87° 50' 43.29"W
L12	29.85'	N87° 50' 43.29"W
L13	29.50'	S87° 50' 43.29"E

Curve Table

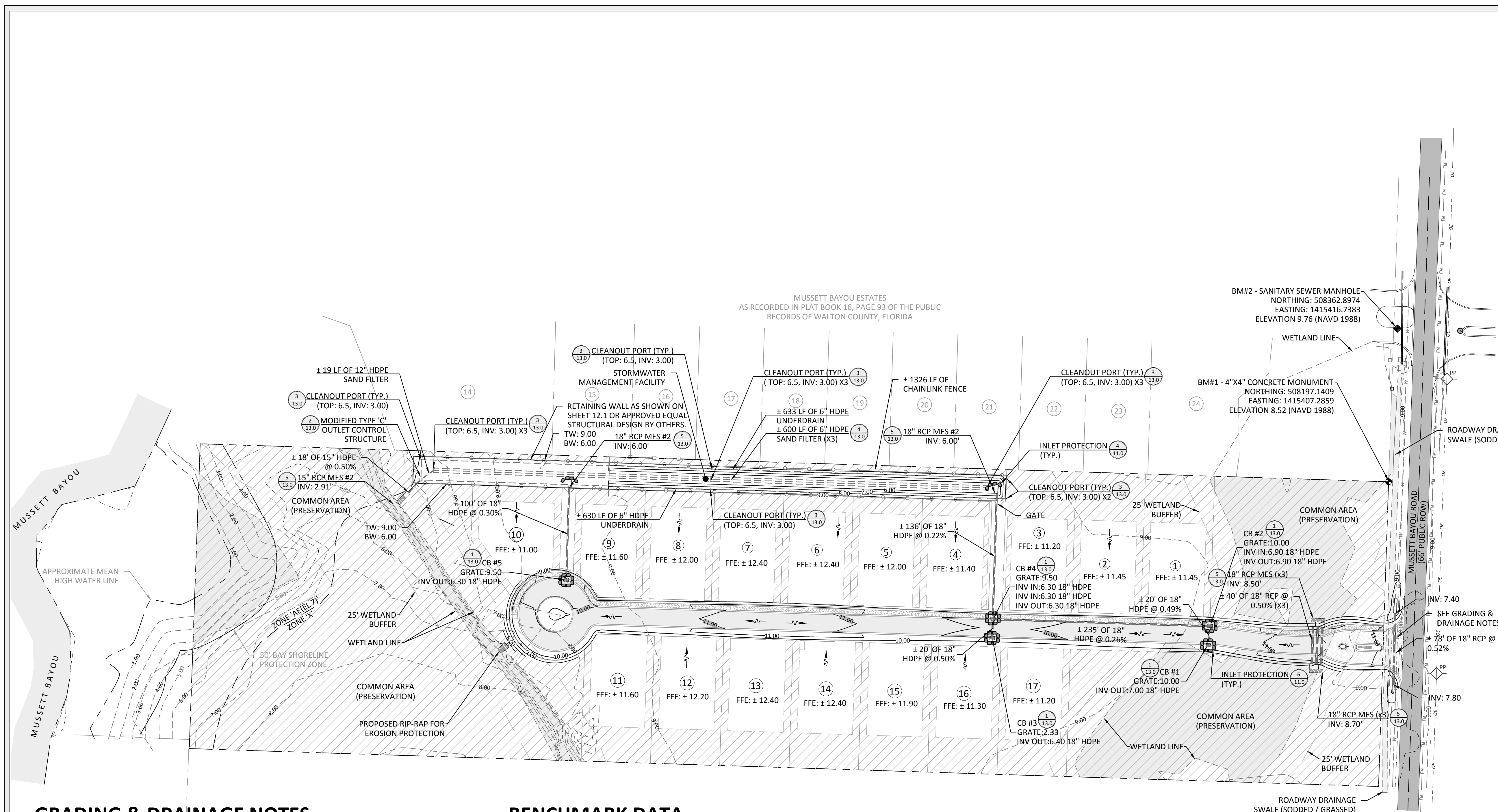
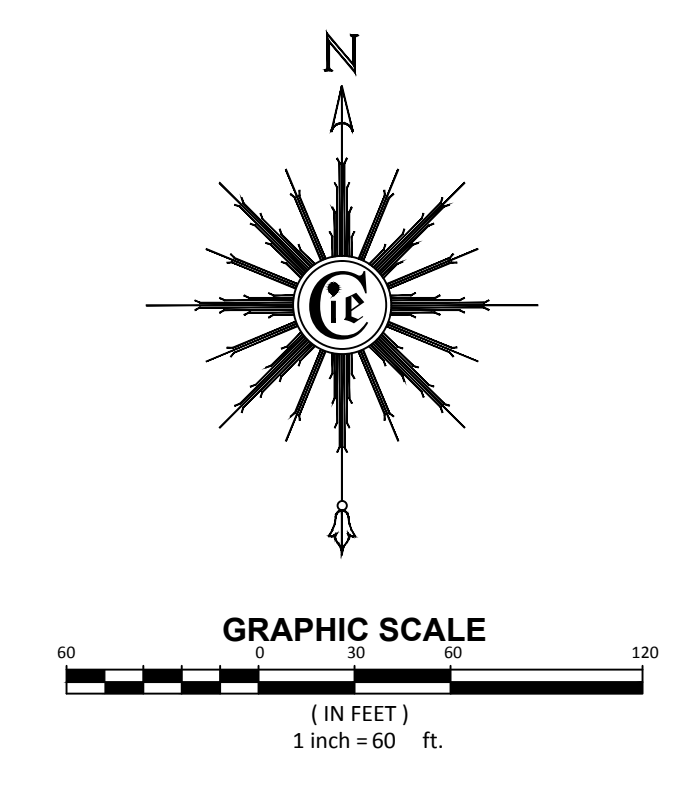
Curve #	Length	Radius	Delta	Chord Direction	Chord Length
C1	25.27'	250.00'	5°47'33"	S84° 56' 57"E	25.26'
C2	26.68'	250.00'	6°06'51"	S85° 06' 36"E	26.67'
C3	36.82'	23.50'	89°45'55"	N42° 57' 46"W	33.17'
C4	28.86'	65.50'	25°14'41"	N75° 13' 23"W	28.63'
C5	10.35'	23.50'	25°14'41"	N75° 13' 23"W	10.27'
C6	26.34'	260.50'	5°47'33"	N84° 56' 57"W	26.32'
C7	25.56'	239.50'	6°06'51"	N85° 06' 36"W	25.55'
C8	13.53'	12.00'	64°37'23"	S59° 31' 17"W	12.83'
C9	218.59'	40.50'	309°14'46"	N1° 49' 59"E	34.71'
C10	13.53'	12.00'	64°37'23"	S55° 51' 20"E	12.83'
C11	27.80'	260.50'	6°06'51"	S85° 06' 36"E	27.79'
C12	24.21'	239.50'	5°47'33"	S84° 56' 57"E	24.20'
C13	10.35'	23.50'	25°14'41"	N79° 31' 56"E	10.27'
C16	28.86'	65.50'	25°14'41"	N79° 31' 56"E	28.63'
C17	37.01'	23.50'	90°14'05"	N47° 02' 14"E	33.30'

ABBREVIATIONS

R/W	RIGHT-OF-WAY	NAD83	NORTH AMERICAN DATUM 1983
N	NORTH	DNR	DEPARTMENT OF NATURAL RESOURCES
S	SOUTH	ORB	OFFICIAL RECORD BOOK
E	EAST	PG	PAGE
W	WEST	ELEV / EL	ELEVATION
SQ. FT.	SQUARE FEET	(R)	RECORD DIMENSION
AC.	ACRES	°	DEGREES WHEN USED IN A BEARING OR ANGLE
L1	LINE & NUMBER TO LINE TABLE	'	MINUTES WHEN USED IN A BEARING OR ANGLE
C1	CURVE & NUMBER TO CURVE TABLE	"	SECONDS WHEN USED IN A BEARING OR ANGLE
LB	LICENSED BUSINESS	'	FEET OR DECIMAL THEREOF WHEN USED IN A DIMENSION
#	NUMBER	"	INCHES WHEN USED IN A DIMENSION
ID	IDENTIFICATION	±	MORE OR LESS
NGVD29	NATIONAL GEODETIC VERTICAL DATUM 1929		

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ABBREVIATIONS

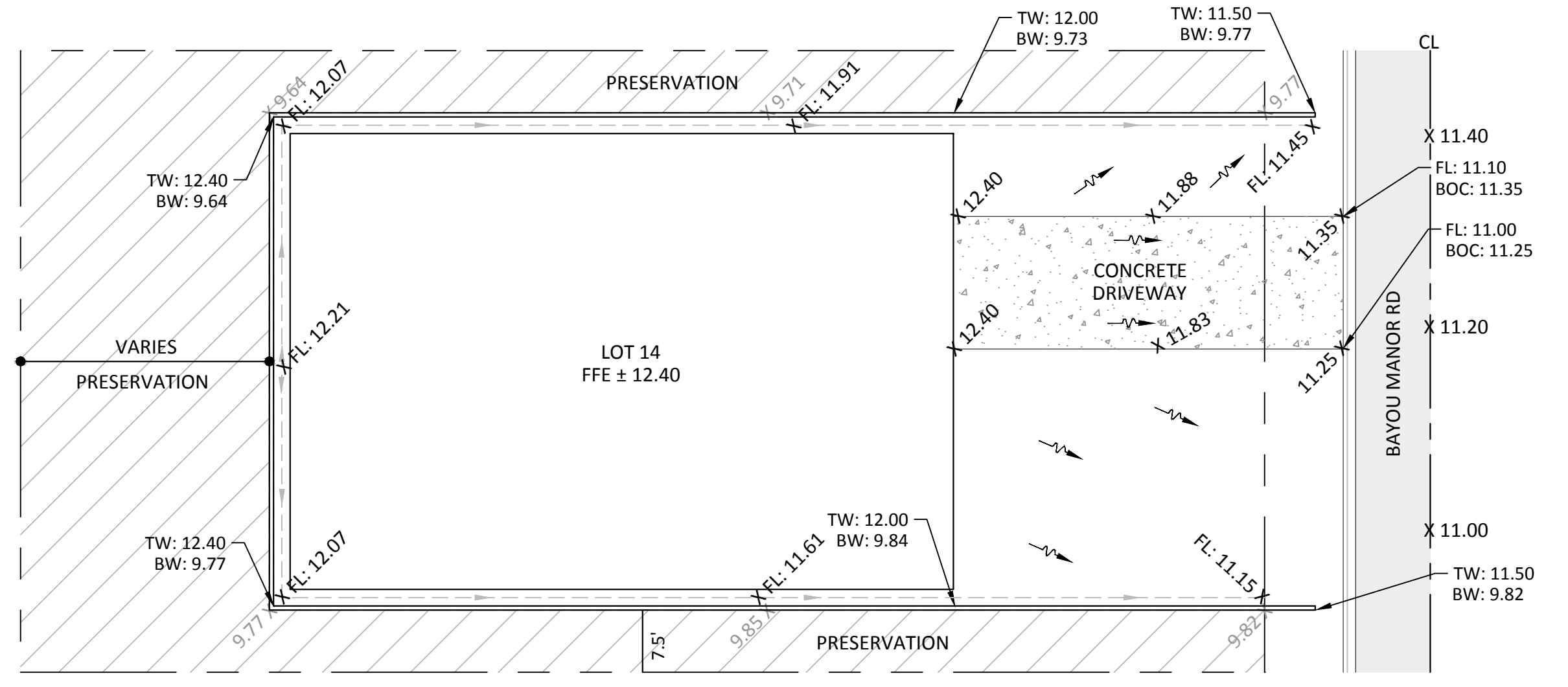
R/W	RIGHT-OF-WAY
N	NORTH
S	SOUTH
E	EAST
W	WEST
SQ. FT.	SQUARE FEET
AC.	ACRES
L1	LINE & NUMBER TO LINE TABLE
C1	CURVE & NUMBER TO CURVE TABLE
LB	LICENSED BUSINESS NUMBER
#	IDENTIFICATION
ID	NATIONAL GEODETIC VERTICAL DATUM 1929
NGVD29	NORTH AMERICAN DATUM 1983
NAD83	DEPARTMENT OF NATURAL RESOURCES
DNR	OFFICIAL RECORD BOOK
ORB	PAGE
PG	ELEVATION
ELEV / EL	RECORD DIMENSION
(R)	DEGREES WHEN USED IN A BEARING OR ANGLE
'	MINUTES WHEN USED IN A BEARING OR ANGLE
"	SECONDS WHEN USED IN A BEARING OR ANGLE
+	FEET OR DECIMAL THEREOF WHEN USED IN A DIMENSION
+	INCHES WHEN USED IN A DIMENSION
+	MORE OR LESS
FL	FLOW LINE
BOC	BACK OF CURB
FFE	FINISHED FLOOR ELEVATION
BW	BOTTOM OF WALL
TW	TOP OF WALL

GRADING & DRAINAGE NOTES

- ALL DISTURBED AREAS TO BE PERMANENTLY GRASSED AND RETENTION AREAS TO BE SODDED. ALL SLOPES 3:1 AND STEEPER SHALL BE SODDED.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED ON SITE FOR THE DURATION OF CONSTRUCTION.
- CONTRACTORS SHALL MAINTAIN PUBLIC ACCESS AT ALL TIMES ALONG PRIVATE, CITY AND COUNTY RIGHT-OF-WAYS.
- NO PARKING OR UNLOADING OF MATERIALS SHALL OCCUR WITHIN RIGHT-OF-WAY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO STRUCTURES WITHIN THE PUBLIC AND PRIVATE RIGHT-OF-WAY AND SHALL REPAIR ANY DAMAGE CAUSED BY THE CONSTRUCTION ACTIVITIES TO THE PRIVATE AND PUBLIC RIGHT-OF-WAY AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL NOT RELOCATE ANY SIDEWALK OR MULTI-USE PATH WITHIN THE RIGHT-OF-WAY WITHOUT WRITTEN PERMISSION FROM THE CITY OR COUNTY ENGINEER.
- CONTRACTOR SHALL MARK ALL CROSSWALKS AND MULTI-USE PATH CROSSINGS TO INDICATE THEM AS A PEDESTRIAN PATHWAY AFTER THE FINAL DRIVEWAY IS IN PLACE
- NOTHING SHALL BE ERECTED, PLACED, PARKED, PLANTED, OR ALLOWED TO GROW IN SUCH A MANNER AS TO MATERIALLY IMPEDE VISION BETWEEN A HEIGHT OF TWO FEET AND TEN FEET ABOVE THE GRADE, MEASURED AT THE CENTERLINE OF THE INTERSECTION FOR CLEAR VISIBILITY TRIANGLE.
- LOT DRAINAGE SHALL BE CONVEYED VIA ROOF DRAINS AND SLOPED TO THE STORMWATER MANAGEMENT FACILITY. AREAS SHOWN AS PRESERVATION WILL REMAIN UNDISTURBED.
- PROPOSED STORM DRAINAGE PIPE IN THE MUSSETT BAYOU ROAD RIGHT-OF-WAY MAY BE SHIFTED IN ORDER TO MEET THE REGULATORY SEPARATION REQUIREMENTS OF POTABLE WATER AND STORM. CONTRACTOR TO FIELD VERIFY EXISTING UTILITIES WITHIN THE MUSSETT BAYOU ROAD RIGHT-OF-WAY.
- CLEANOUT PORTS SHALL BE INSTALLED EVERY 400FT, AT EVERY BEND OF 45 DEGREES OR GREATER, AND AT THE TERMINUS FOR EACH PIPE IN THE UNDERDRAIN / FILTER SYSTEM.

BENCHMARK DATA

- BM #1 - FND CONCRETE MONUMENT (ECA PRM LB 3724)
 NORTHING: 508197.1409
 EASTING: 1415407.2859
 ELEVATION: 8.52 (NAVD 1988)
- BM #2 - SANITARY SEWER MANHOLE LID
 NORTHING: 508362.8974
 EASTING: 1415146.7383
 ELEVATION: 9.76 (NAVD 1988)



TYPICAL RESIDENTIAL GRADING CONTROL PLAN
 NTS

- TYPICAL LOT GRADING NOTES:**
- RETAINING WALL SHOWN BUT MAY BE SUPPLANTED WITH MINIMUM 3:1 SODDED SLOPE IF BUILDING FOOTPRINT DIMENSIONS ALLOW
 - IF 3:1 SLOPE OPTION IS EXERCISED THEN CONTRACTOR SHALL ENSURE THAT ALL DEVELOPED PORTIONS OF THE LOT (EXCLUDING THE 3:1 SLOPED AREA) DRAIN TO THE ROADWAY DRAINAGE SYSTEM / STORMWATER MANAGEMENT FACILITY

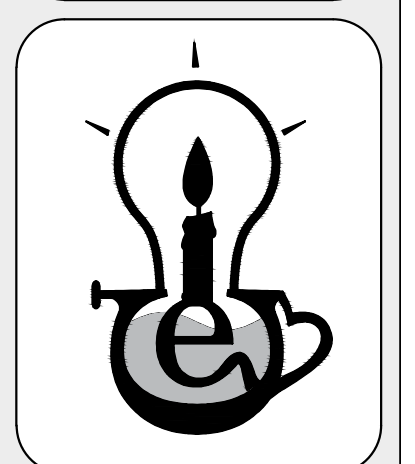
GRADING & DRAINAGE LEGEND

	PAVEMENT
	PRESERVATION
	BOUNDARY LINE
	WETLAND LINE
	FLOOD ZONE BOUNDARY
	MEAN HIGH WATER LINE
	EXISTING CONTOUR (MAJOR)
	EXISTING CONTOUR (MINOR)
	PROPOSED CONTOUR (MAJOR)
	PROPOSED CONTOUR (MINOR)
	SLOPE ARROW

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 A RESIDENTIAL DEVELOPMENT
 MUSSETT BAYOU MANOR, LLC
 6652 EAST COUNTY 30A
 WATERSOUND BEACH, FLORIDA 32461

RECORD DATA
 DATE: 03.06.2013
 REV. DATE: 06.26.2013
 PROJ. NO.: 141.0.0.10
 DRAWN BY: MTM
 REVIEWED BY: DES



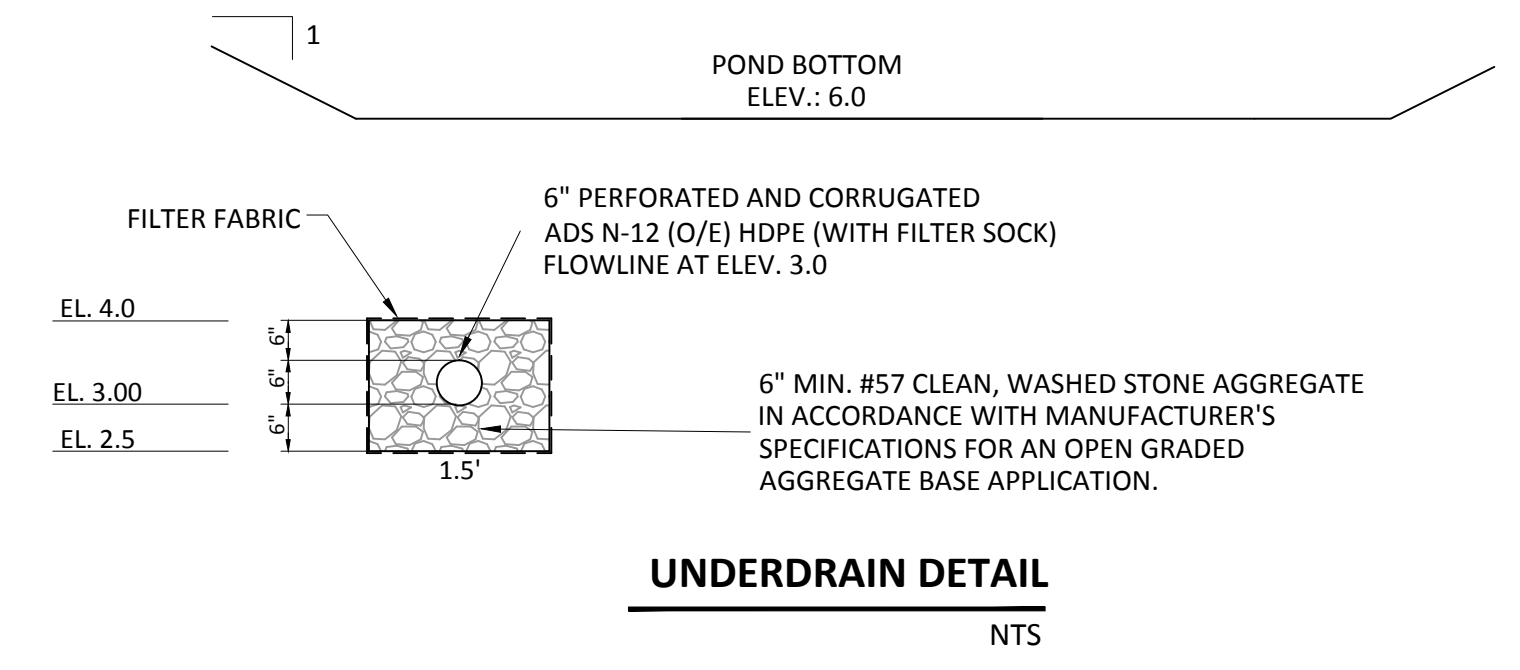
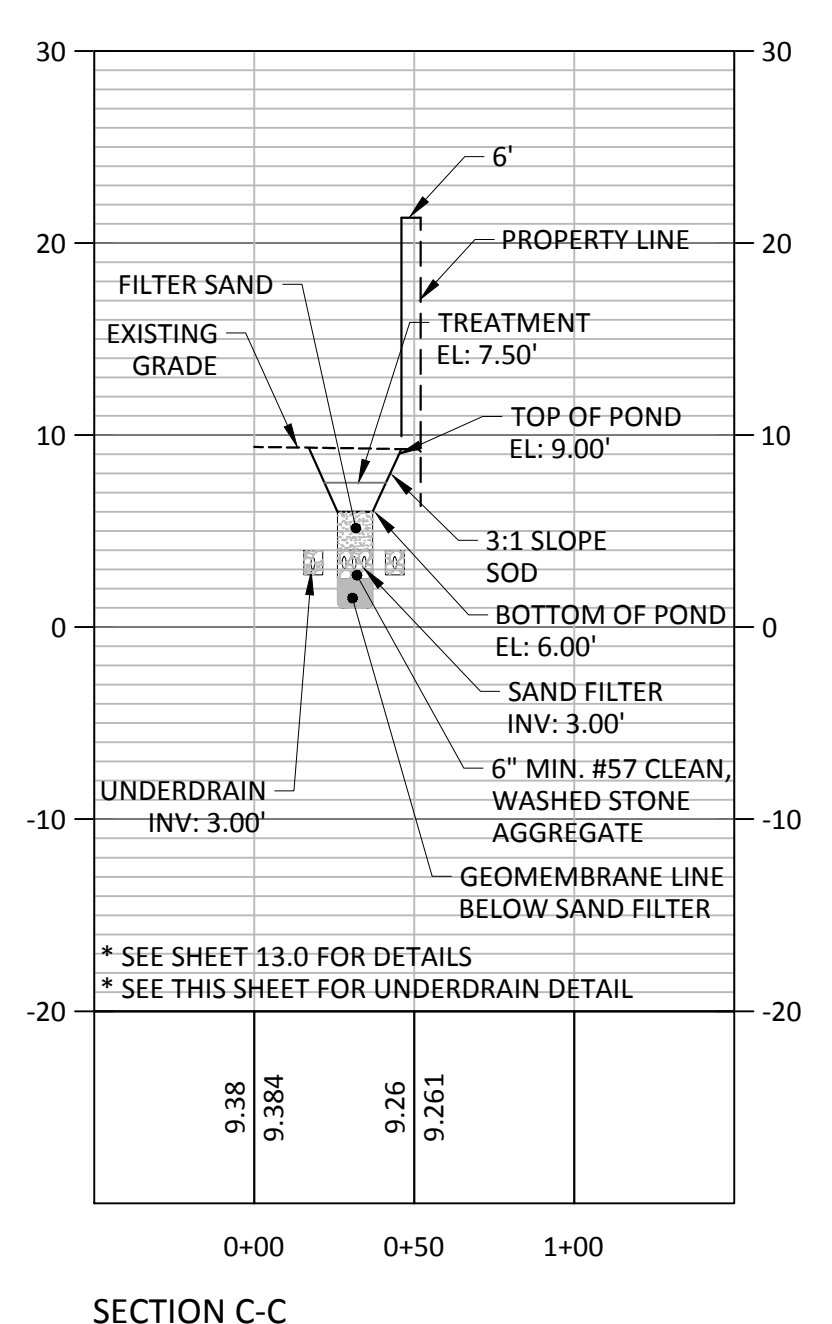
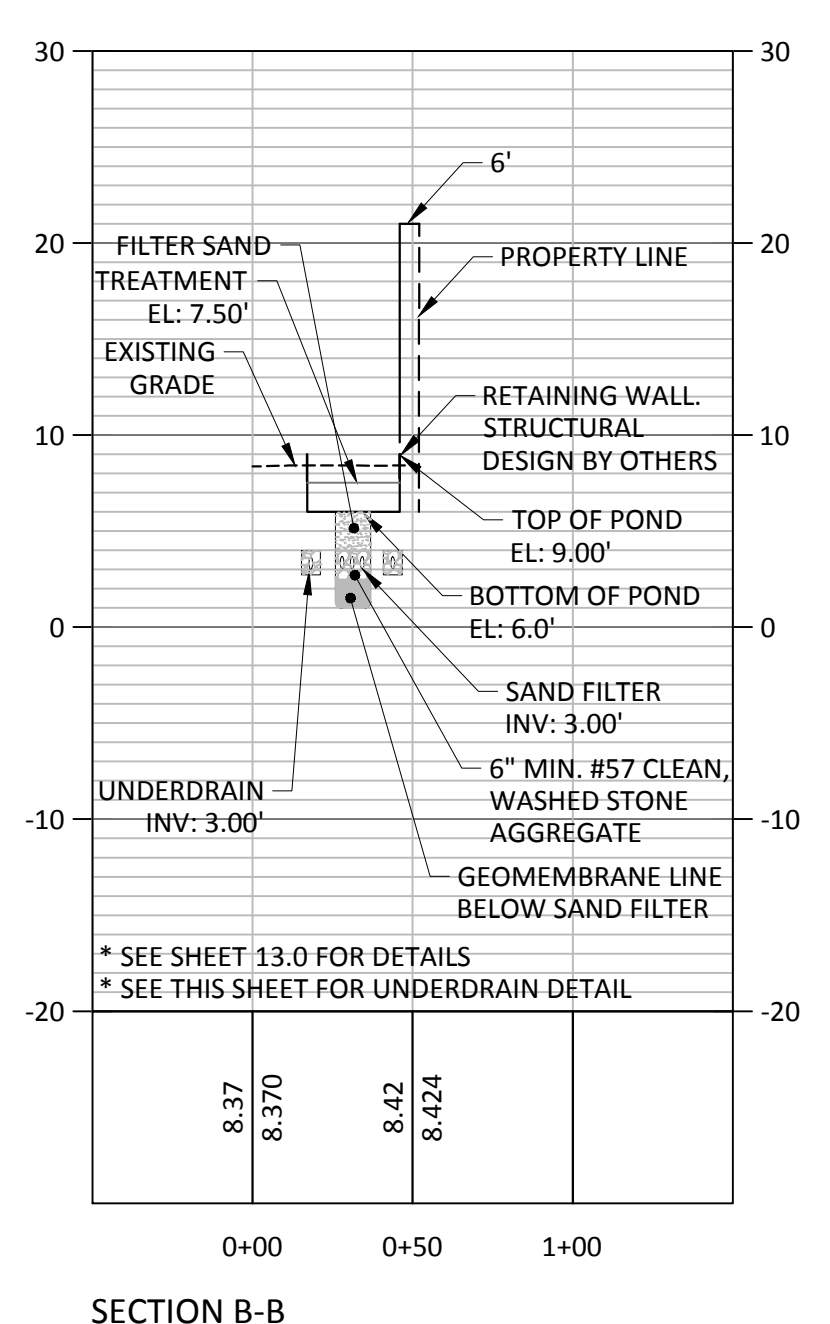
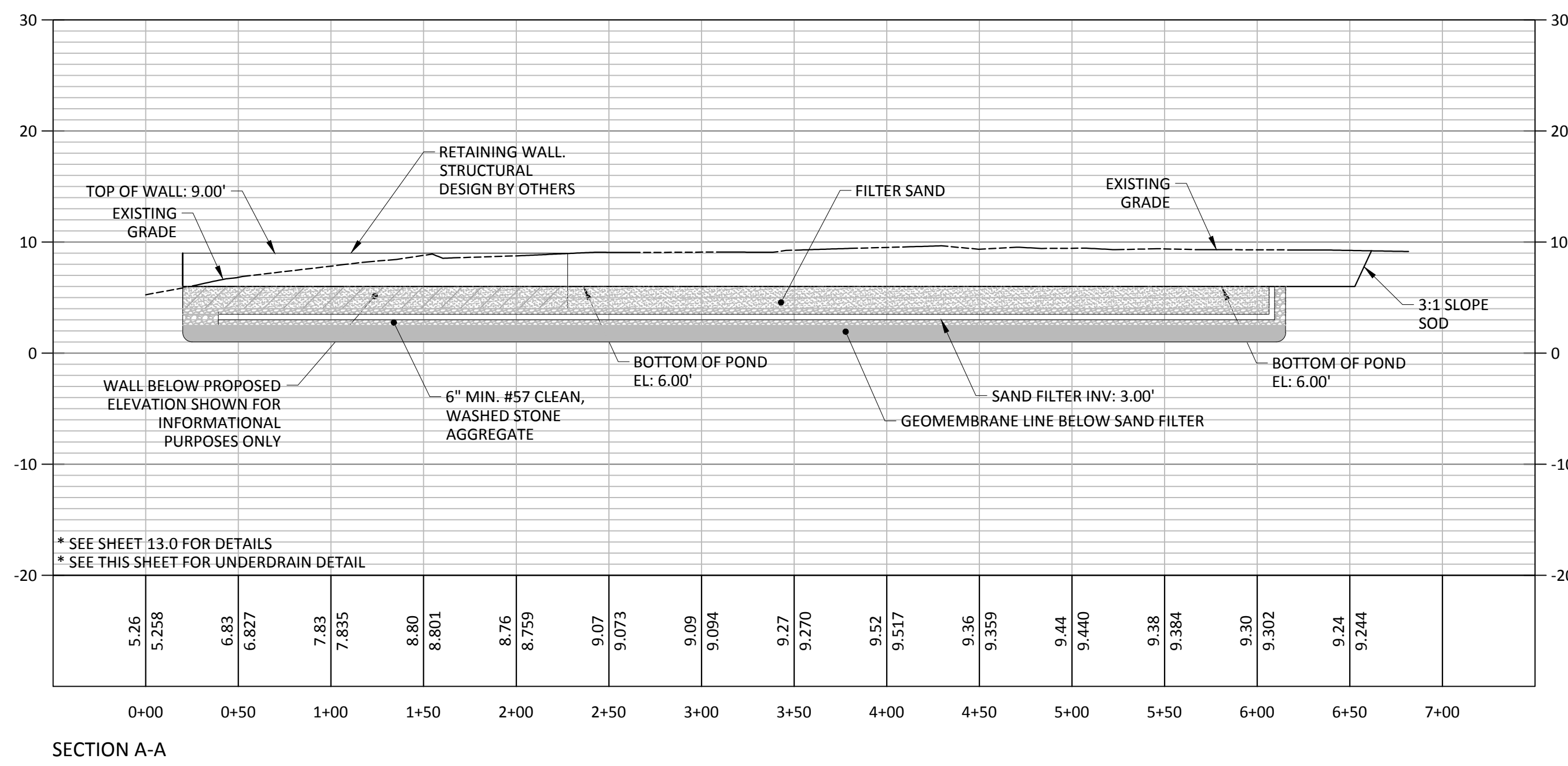
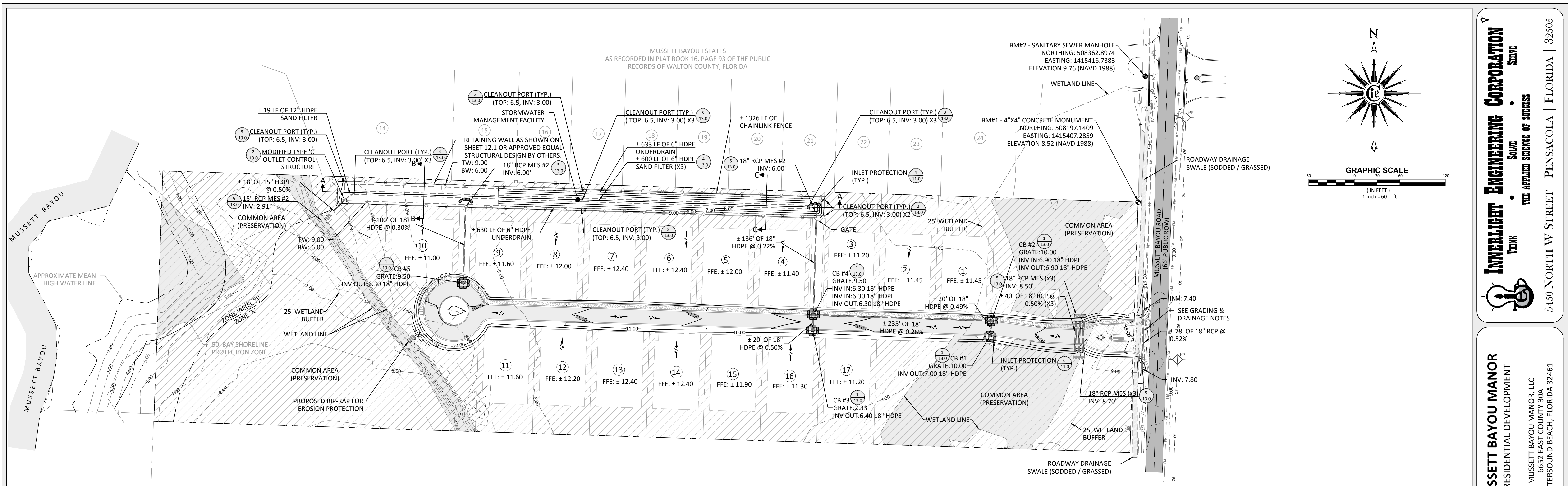
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 DAVID E. SMITH, P.E.
 FLORIDA REGISTRATION NO. 20027
 CERT. OF AUTHORIZATION: 09722
 INNERLIGHT ENGINEERING CORP.
 450 NORTH W STREET
 PENSACOLA, FL 32505
 P 850.533.0270

SHEET TITLE

GRADING AND DRAINAGE PLAN

SHEET NUMBER

7.0



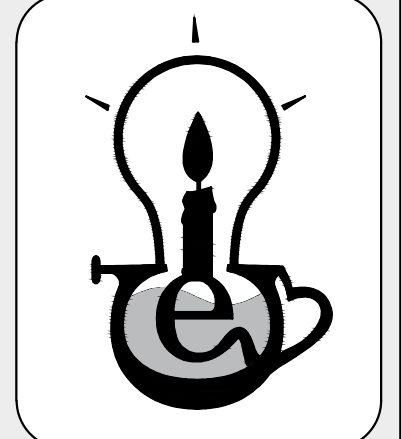
INNERLIGHT ENGINEERING CORPORATION
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MUSSETT BAYOU MANOR
A RESIDENTIAL DEVELOPMENT

MUSSETT BAYOU MANOR, LLC
6652 EAST COUNTY 30A
WATERSOUND BEACH, FLORIDA 32461

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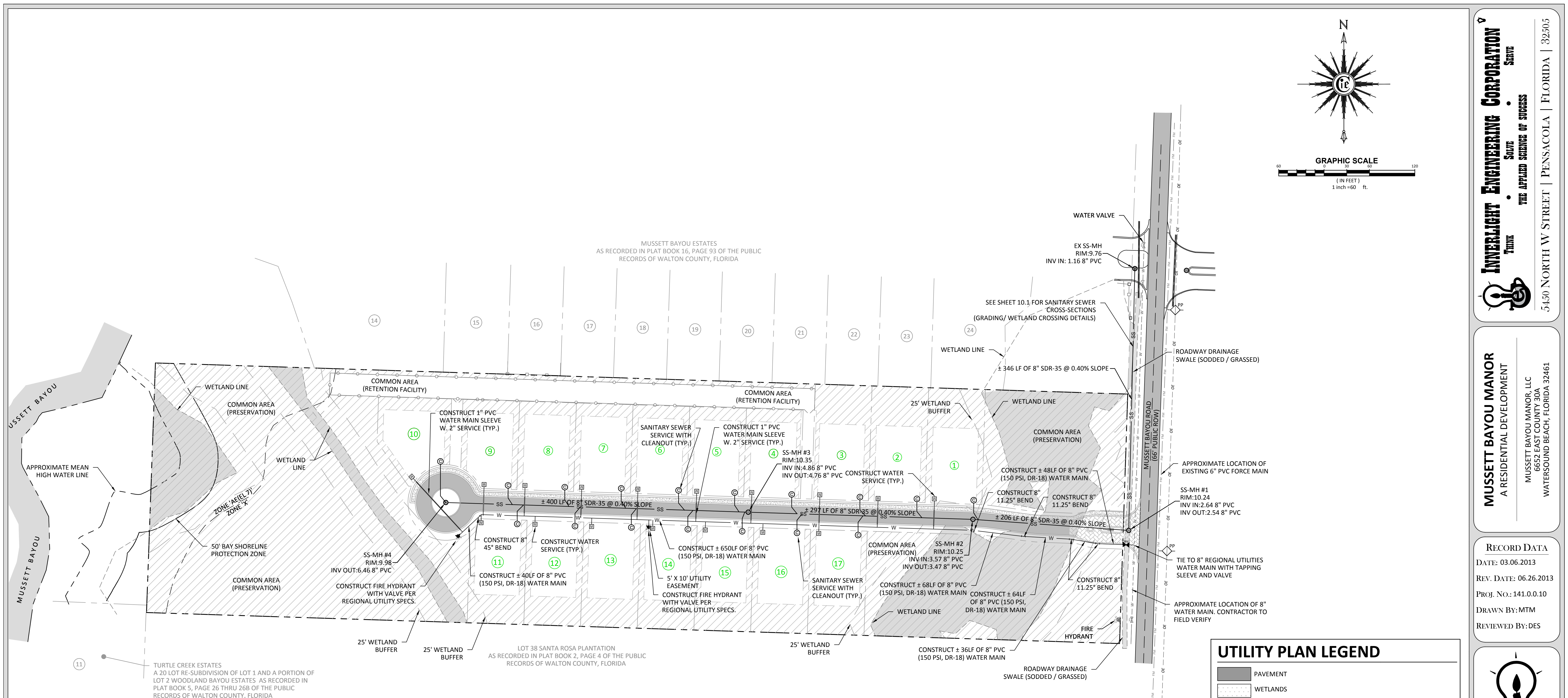
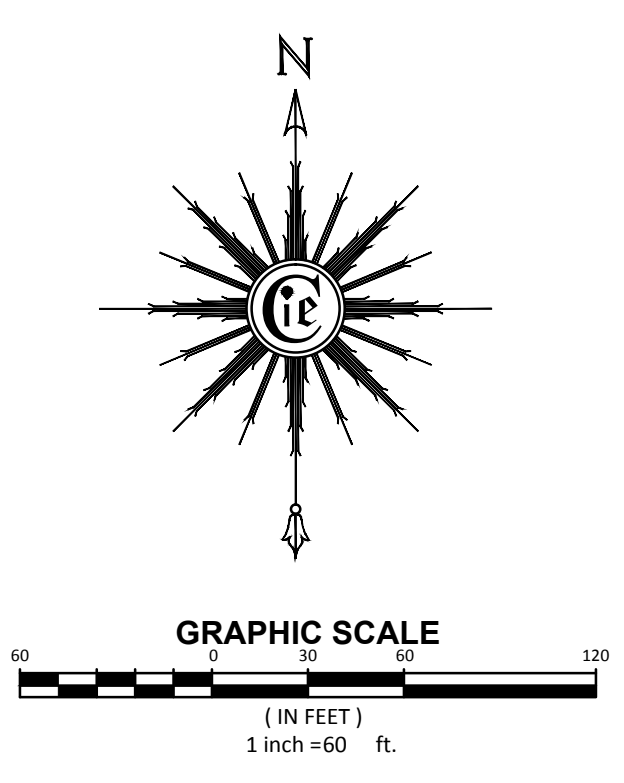
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5150 NORTH W STREET
PENSACOLA, FL 32505
P. 850.533.4270

SHEET TITLE
STORMWATER
MANAGEMENT
FACILITY
CROSS-SECTIONS

SHEET NUMBER
7.1

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GENERAL UTILITY NOTES

- REFER TO UTILITY NOTES ON GENERAL NOTES SHEETS.
- ALL WATER AND SEWER UTILITY CONSTRUCTION PRESENTED IN THIS PLAN SET SHALL CONFORM TO AND MEET THE CONSTRUCTION SPECIFICATIONS AS PUBLISHED BY REGIONAL UTILITIES (OPERATED BY FLORIDA COMMUNITY SERVICE CORP. OF WALTON COUNTY), DATED 2013 (MAY BE REFERRED TO HEREIN AS "RU SPECS").
- CONTRACTOR AND OR DEVELOPER SHALL NOTIFY REGIONAL UTILITIES AT LEAST 24 HOURS IN ADVANCE TO BE ONSITE DURING THE CONSTRUCTION FOR INSPECTION AND VERIFICATION.
- A PRE-CONSTRUCTION MEETING SHALL BE HELD WITH THE CONTRACTOR, DEVELOPER, AND ENGINEER OF RECORD WHEN FDEP PERMITS HAVE BEEN ISSUED AND PRIOR TO CONSTRUCTION.

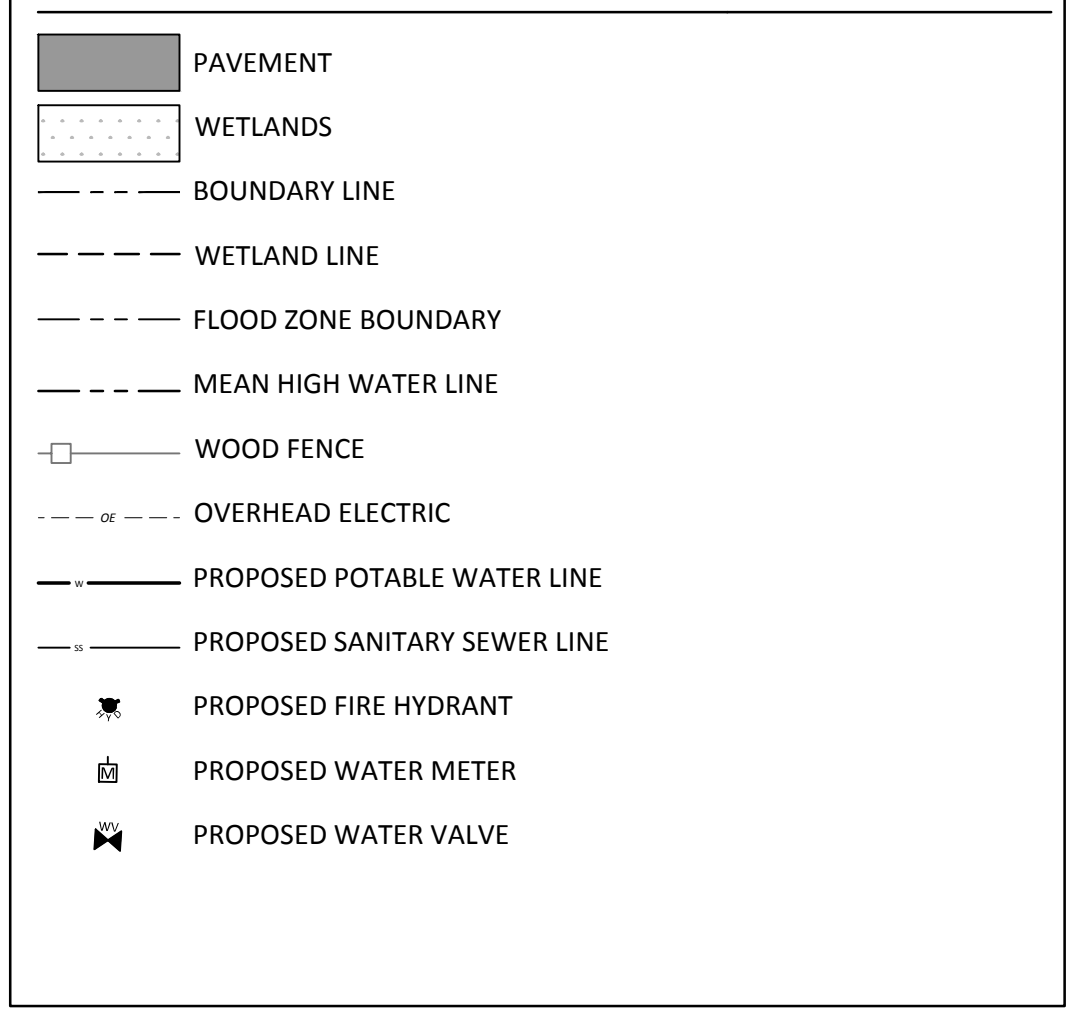
POTABLE WATER NOTES

- ALL WATER LINES AND APPURTENANCES TO BE CONSTRUCTED PER REGIONAL UTILITIES STANDARD SPECIFICATIONS AND DETAILS. SEE SHEETS 14.0 - 15.1 FOR REGIONAL UTILITIES DETAILS AND SPECIFICATIONS.

SANITARY SEWER NOTES

- ALL MATERIALS WILL BE FREE FROM DEFECTS IMPAIRING STRENGTH AND DURABILITY AND SHALL BE THE BEST OF COMMERCIAL QUALITY FOR THE PURPOSE SPECIFIED. IT WILL HAVE STRUCTURAL PROPERTIES SUFFICIENT TO SAFELY SUSTAIN OR WITHSTAND STRAINS AND STRESSES TO WHICH IT IS NORMALLY SUBJECTED AND BE TRUE TO DETAIL. ALL PIPE AND FITTINGS WILL BE CLEARLY MARKED WITH THE NAME OR TRADEMARK OF THE MANUFACTURER, THE BATCH NUMBER, THE LOCATION OF THE PLANT, AND STRENGTH DESIGNATION, ETC. AND THE PIPE WILL BE OF A COLOR APPROVED BY INLET BEACH UTILITIES.
- POLYVINYL CHLORIDE SEWER PIPE FOR USE IN GRAVITY SEWER SYSTEMS WILL CONFORM TO ASTM 3034-74 FOR PVC SEWER PIPE AND FITTINGS FOR SIZES 4-INCH THROUGH 12-INCH IN DIAMETER, EXCEPT AS HEREINAFTER MODIFIED. THE PIPE MATERIAL WILL MEET OR EXCEED THE APPROVED CLASS 12 454-B, PVC COMPOUND CONFORMING TO ASTM D1784, LATEST. THE BELL WILL BE EXTRUDED INTEGRAL WITH THE PIPE BARREL WITH A THICKNESS EQUAL TO OR GREATER THAN THAT OF THE BARREL. THE LAYING LENGTH WILL NOT EXCEED 14 FOOT (+/-1") WITHOUT SPECIFIC WRITTEN APPROVAL FROM THE ENGINEER.
- JOINTS FOR PVC PIPE AND FITTINGS WILL BE IN ACCORDANCE WITH ASTM D3034.
- PROVISIONS SHALL BE MADE FOR CONTRACTION AND/OR EXPANSION AT EACH JOINT WITH A SOLID CROSS SECTION RUBBER RING. THE RUBBER RING WILL BE FACTORY ASSEMBLED AND SECURED IN THE BELL IN SUCH A MANNER SO AS TO PREVENT SLIDING AND ROLLING WHEN THE SPIGOT END OF THE ADJOINING PIPE IS INSTALLED.
- ALL FITTINGS AND ACCESSORIES WILL BE MANUFACTURED IN ACCORDANCE WITH ASTM D3034, EXCEPT THAT SADDLE TEES OR SADDLE WYES WILL NOT BE PERMITTED EXCEPT BY SPECIAL WRITTEN APPROVAL FROM THE ENGINEER AND INLET BEACH UTILITIES. SAID FITTINGS WILL HAVE A THICKNESS EQUAL TO OR GREATER THAN THAT SPECIFIED IN THE AFOREMENTIONED PIPE SPECIFICATION AND WILL BE OF THE BELL AND SPIGOT CONFIGURATION.
- ALL PIPE AND FITTINGS DELIVERED TO THE JOB SITE WILL BE ACCOMPANIED BY INDEPENDENT TESTING LABORATORY REPORTS CERTIFYING THAT THE PIPE AND FITTINGS CONFORM TO THE ABOVE-MENTIONED ASTM SPECIFICATIONS.
- THE CONTRACTOR WILL SUBMIT A NOTARIZED STATEMENT OF CERTIFICATION FROM THE PIPE MANUFACTURER AS TO CONFORMANCE WITH THE AFOREMENTIONED ASTM SPECIFICATIONS AND MODIFICATIONS, THERETO, AT THE TIME OF SUBMITTING SHOP DRAWING DATA ON THE PIPE AND FITTINGS.

UTILITY PLAN LEGEND



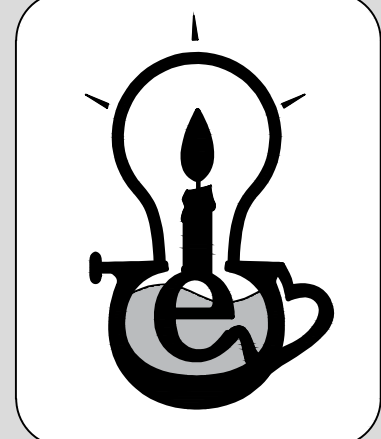
ABBREVIATIONS

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N	NORTH	DNR	DEPARTMENT OF NATURAL RESOURCES
S	SOUTH	ORB	OFFICIAL RECORD BOOK
E	EAST	PG	PAGE
W	WEST	ELEV / EL	ELEVATION
SQ. FT.	SQUARE FEET	(R)	RECORD DIMENSION
AC.	ACRES	*	DEGREES WHEN USED IN A BEARING OR ANGLE
L1	LINE & NUMBER TO LINE TABLE	"	MINUTES WHEN USED IN A BEARING OR ANGLE
C1	CURVE & NUMBER TO CURVE TABLE	"	SECONDS WHEN USED IN A BEARING OR ANGLE
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 FLORIDA REGISTRATION NO. 38927
 CERT. OF AUTHORIZATION: 20722
 INNERLIGHT ENGINEERING CORP.
 5450 NORTH W STREET
 PENSACOLA, FL 32505
 P-605333207

SHEET TITLE

UTILITY PLAN

SHEET NUMBER

8.0