TESTING SCHEDULE GUIDE

ITEM	TEST TYPE	TEST I.D.	REQUIREMENT	FREQUENCY
Enbankment	Maximum Density Optimum Moisture Field Density	AASHTO T180 ASTM D1557 AASHTO T191 , T204 T238 ASTM D1556 , D2937 D2922	N/A 95% of maximum Density	Per Soil Type One Per 2,500 S.F. Horizontally * ; Alternating Lifts (12 Inches)
Utility Trench Backfill Under Roadways and Structures	Maximum Density Optimum Moisture Field Density	AASHTO T180 ASTM D1557 AASHTO T191 , T204 T238 ASTM D1556 , D2937 D2922	N/A 95% of maximum Density	Per Soil Type One Per 2,500 S.F. Horizontally * ; Every 2' Vertically D2922 At least one for each pipe run
Backfill of Structures	Maximum Density Optimum Moisture Field Density	AASHTO T180 ASTM D1557 AASHTO T191 , T204 T238 ASTM D1556 , D2937 D2922	N/A 95% of maximum Density	Per Soil Type Every 2' Vertically
Subgrade	Bearing Values Maximum Density Optimum Moisture Field Density & Thickness	LBR – FLA. D.O.T. AASHTO T180 ASTM D1557 AASHTO T191 , T238 ASTM D1556 , D2922	See Typical Pavement Section	One Per Soil Type Check Point LBR at 500 L. F. Horizontally One Per Soil Type One Per 2,500 S.F. Horizontally
Subgrade	Bearing Values Maximum Density Optimum Moisture Thickness Field Density Gradation Atterberg Limits	LBR – FLA. D.O.T. AASHTO T180 ASTM D1557 AASHTO T191 , T238 ASTM D1556 , D2922 AASHTO T27 , T98 AASHTO T90 ASTM C136 , D423 , D424	See Typical Pavement Section	One Per Source or as Mtl. Changes Check Point LBR at 500 L. F. Horiz. One Per Source One Per 2,500 S.F. Horizontally One Per Source
Soil Cement Base (To be used if separation between SHWL & bottom of base is <1.5')	Mix Design Maximum Density Optimum Moisture Compressive Strength Specimens Test Cores Field Density & Thickness	Portland Cement Assoc. Specifications AASHTO T134 (Standard) Portland Cement Assoc. Specifications Portland Cement Assoc. Specifications AASHTO T191 , T238 ASTM D1556 , D2922	See Typical Pavement Section	One Per Soil Type One Per Soil Type Daily One Set of 3 Per Soil One Set of 3 Per Soil ** One Per 2,500 S.F. Horizontal
Asphaltic Concrete	Materials Quality Bitumen Content , Gradation Field Density Los Angeles Abrasion	AASHTO T164 ASTM D2172 ASTM 02950-81 AAS	Per Specifications 95% of Lab Density	One Per Day One Per 2,500 S.F. Horizontal

established by soils testing company, shall not be exeeded

*** Should any of the information provided herein conflict with either the recommendations of the Geotechnical Engineer, and/or the Geotechnical report, then the aforementioned recommendations will supercede this "TESTING SCHEDULE GUIDE"

–Fill material shall meet AASHTO A3 Standards. This shall include a 2' depth below pond bottom.

GENERAL CONSTRUCTION NOTES

1. ALL PROPOSED CONSTRUCTION IS TO MEET OR EXCEED THE LATEST APPLICABLE CITY OF PALMETTO CONSTRUCTION STANDARDS AND SPECIFICATIONS. ALL PROPOSED CONSTRUCTION IS TO BE PRIVATELY OWNED AND MAINTAINED FOLLOWING COMPLETION AND ACCEPTANCE.
2. THE CONTRACTOR IS TO COORDINATE THE LOCATION AND ELEVATION OF ALL FP&L, GTE AND IRRIGATION SERVICE SLEEVES WITH RESPECTIVE AGENCY PRIOR TO CONSTRUCTION.
3. ALL PROPOSED ELECTRICAL AND COMMUNICATION SERVICES ARE TO BE LOCATED UNDERGROUND AS DIRECTED BY RESPECTIVE AGENCY.
4. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND ISSUANCE OF ALL COMMENCEMENT AND/OR PROGRESS NOTICES TO GOVERNMENTAL AGENCIES DURING THE COURSE OF CONSTRUCTION, AS REQUIRED FOR INSPECTION, TESTING AND TRACKING PER APPLICABLE AGENCY PERMIT CONDITIONS.
5. NOTIFY CITY OF PALMETTO PRIOR TO THE INITIATION OF CONSTRUCTION. A PRE CONSTRUCTION INSPECTION OF THE SEDIMENTATION AND EROSION CONTROL (S&EC) DEVICES MAY BE REQUIRED AND WILL BE THE OPTION OF THE CITY OF PALMETTO STAFF.
6. CONTRACTOR TO NOTIFY "SUNSHINE" AND COP 48 HOURS PRIOR TO START OF CONSTRUCTION.
7. TOPOGRAPHIC AND PROPERTY SURVEYS GIVING LOT SIZE, GROUND ELEVATIONS, OBSTRUCTIONS ON SITE, LOCATIONS AND DEPTHS OF SEWERS, CONDUITS, PIPES, EXISTING STRUCTURES, CURBS, PAVEMENTS, TRACTS, AND SOLI BORING DATA GIVING THE NATURE OF GROUND AND SUBSURFACE CONDITIONS HAVE BEEN OBTAINED FROM RELIABLE SOURCES. THE ACCURACY OF THIS DATA IS NOT GUARANTEED, AND IS FURNISHED SOLELY AS AN ACCOMMODATION TO THE CONTRACTOR. USE OF THIS DATA SHALL BE MADE AT THE CONTRACTOR'S DISCRETION. NO ADDITIONAL COMPENSATION WILL BE GRANTED DUE TO THE CONTRACTOR'S LACK OF KNOWLEDGE OF SITE CONDITIONS. PRIOR TO BID SUBMISSION, THE CONTRACTOR SHALL CONDUCT ANY ADDITIONAL SURVEYS AND SOILS TESTS NECESSARY TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED.
8. ALL CONSTRUCTION STAKEOUT AND RECORD DRAWING INFORMATION IS TO BE PERFORMED IN THE FIELD BY OR UNDER THE SUPERVISION OF A FLORIDA REGISTERED LAND SURVEYOR.
9. THE CONTRACTOR SHALL SUPPLY THE ENGINEER OF RECORD (EOR) WITH ALL NECESSARY TEST INFORMATION TO CERTIFY THE JOB IS COMPLETE PER CITY OF PALMETTO STANDARDS. THIS SHALL INCLUDE BUT NOT LIMITED TO DENSITY & LBR TESTING OF BASE & SUB-BASE MATERIAL, BACTERIOLOGICAL CLEARANCE, & RECORD DRAWING MEETING AGENCY REQUIREMENTS.
10. CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND COMPLYING WITH ALL PERMIT CONDITIONS AND STIPULATIONS FOR ALL LOCAL, REGIONAL AND STATE AGENCIES, INCLUDING, BUT NOT LIMITED TO, FINAL SITE PLANS, UTILITIES, DRAINAGE, FUGITIVE PARTICULATES AND EROSION.
11. ALL DRAINAGE, GRADING, WATER, AND SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF PALMETTO COUNTY STANDARDS AND SPECIFICATIONS.
12. ALL SODDED AND SEEDED AREAS SHALL BE WATERED AND FERTILIZED UNTIL THE PROJECT IS COMPLETED AND ACCEPTED BY THE OWNER.
13. THE CONTRACTOR SHALL SUPPLY ALLISON ENGINEERING INC. WITH A PHOTOCOPY OF ALL COMPACTION TESTS AND OTHER REQUIRED MATERIALS TESTS UNDER THE TESTING SCHEDULE GUIDE.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL REQUIRED TESTING WITH THE GEOTECHNICAL ENGINEER. UPON COMPLETION OF THE WORK, THE GEOTECHNICAL ENGINEER SHALL SUBMIT CERTIFICATIONS TO THE ENGINEER AND OWNER THAT STATE THAT ALL REQUIREMENTS HAVE BEEN MET.
15. THE CONTRACTOR SHALL REVIEW ALL PROJECT GEOTECHNICAL REPORTS PRIOR TO BIDDING AND THE START OF CONSTRUCTION.
16. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED CONSTRUCTION DRAWINGS AND ALL PERMITS AT THE CONSTRUCTION SITE.

UTILITY NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR THE PRODUCTION OF REPRODUCIBLE RECORD DRAWINGS. PRIOR TO SCHEDULING OF ANY UNDERGROUND UTILITY PRESSURE TESTS, CONTRACTOR SHALL HAVE OBTAINED (FROM A PROFESSIONAL SURVEYOR) ALL NECESSARY FIELD DATA REQUIRED FOR THE PRODUCTION OF RECORD DRAWINGS. SAID RECORD DRAWINGS ARE TO MEET THE REQUIREMENTS OF CITY OF PALMETTO HEALTH DEPARTMENT & PUBLIC WORKS DEPARTMENT MINIMUM TECHNICAL STANDARD (REV.#3) AND FDEP. THE CONTRACTOR SHALL PROCESS SAID DRAWINGS THROUGH CITY OF PALMETTO PLANNING, PERMITTING AND INSPECTIONS DEPARTMENT AND UPON COMPLETION SHALL PROVIDE A REPRODUCIBLE MYLAR AND FIVE SETS OF PRINTS OF THE RECORD DRAWINGS, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR TO THE ENGINEER. THESE RECORD DRAWINGS SHALL BE CERTIFIED TO THE OWNER, APPROPRIATE GOVERNMENTAL AGENCIES, AND ALLISON ENGINEERING, INC.
2. THE CONTRACTOR IS TO ASSURE HIMSELF THAT ALL UNDERGROUND UTILITIES AND STORM SEWER IS CONSTRUCTED, TESTED AND OPERATIONAL PRIOR TO ANY ROADWAY CONSTRUCTION.
3. WATERMAINS ARE TO BE PIGMENTED, COLOR BLUE. SDR-18, C-900 OR C-905 PVC. WATER SERVICES, WHERE LOCATED UNDER PAVEMENT, TO BE ENCASED IN CLASS 160, SDR-26 (3" MIN.). MAINTAIN A MINIMUM OF 36" COVER.
4. GRAVITY SANITARY SEWERS ARE TO BE PIGMENTED, COLOR GREEN. SDR 26 PVC AND CONFORMING TO ASTM D-3034. MAINTAIN A MINIMUM OF 36" COVER.
5. SANITARY SEWER FORCEMAINS ARE TO BE PIGMENTED, COLOR GREEN. SDR-18, C-900 OR C-905 PVC. MAINTAIN A MINIMUM OF 36" COVER.
6. RECLAIMED WATERMAINS ARE TO BE PIGMENTED, COLOR PURPLE. SDR-18, C-900 OR C-905 PVC. MAINTAIN A MINIMUM OF 36" COVER.
7. 10' HORIZONTAL AND 1.5' VERTICAL SEPARATION SHALL BE PROVIDED BETWEEN SEWER AND WATER LINES MEETING "TEN STATE STANDARDS, SECTION 38.31".
8. ALL UTILITIES SHOWN AS EXISTING WERE DERIVED FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE ACTUAL LOCATION, SIZE, TYPE AND AMOUNT OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR TO NOTIFY "CALL SUNSHINE" (PH. 1-800-432-4770), COP AND FP&L 48 HOURS MINIMUM PRIOR TO START OF CONSTRUCTION FOR POSSIBLE DRAINAGE LOCATIONS NOT SHOWN ON PLANS.
9. CONTRACTOR IS RESPONSIBLE FOR ALL GOVERNMENTAL CONSTRUCTION FEES AND CHARGES. I.E.: INSPECTIONS AND TESTING FEES. HOWEVER, IMPACT FEES (FIF), IF APPLICABLE, TO BE PAID BY THE OWNER. A UTILITY TESTING DEPOSIT MUST BE PAID TO CITY OF PALMETTO PRIOR TO SCHEDULING ANY UTILITY TEST.

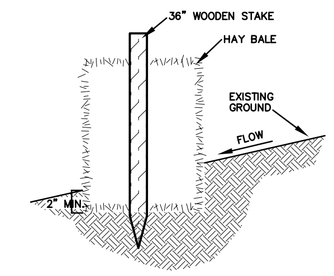
EROSION CONTROL NOTES:

1. TO PREVENT SEDIMENTARY RUNOFF DURING CONSTRUCTION, STAKED HAYBALES, STAKED SILT SCREENS OR INLET DEBRIS CONTROL SCREENS ARE TO BE PLACED AT STORM INLETS, OUTFALL LOCATIONS AND ADJACENT PROPERTY LINES AS REQUIRED PRIOR TO ANY CONSTRUCTION ACTIVITIES.

SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED AND THEN VERIFIED/INSPECTED BY MANATEE COUNTY.

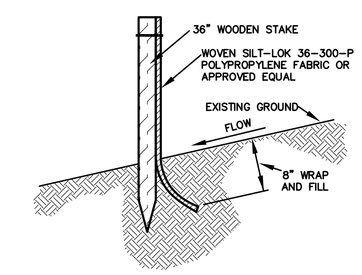
THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SEDIMENTATION BARRIERS IN A WORKING MANNER FOR THE DURATION OF CONSTRUCTION AND SHOULD BE CHECKED DAILY. SILTATION ACCUMULATIONS GREATER THAN THE LESSER OF 12 INCHES OR ONE-HALF OF THE DEPTH OF THE SEDIMENTATION BARRIER SHALL BE IMMEDIATELY REMOVED AND REPLACED IN UPLAND AREAS. IN ADDITION TO SPECIFIED EROSION CONTROL LOCATIONS, THE CONTRACTOR SHALL PERFORM DAILY SITE INSPECTIONS FOR POTENTIAL EROSION PROBLEMS. IF PROBLEMS OCCUR, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING APPROPRIATE EROSION CONTROL IMMEDIATELY. STORMWATER TREATMENT FACILITIES INCLUDING OUTFALL PER DETAIL ARE TO BE CONSTRUCTED EARLY IN SITE DEVELOPMENT, WITH NO OFF-SITE UNTREATED RUN-OFF OCCURRING DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING TEMPORARY EROSION CONTROL DEVICES FOLLOWING COMPLETION OF ALL CONSTRUCTION AND FINAL STABILIZATION.

2. CONTRACTOR TO KEEP CONSTRUCTION ACTIVITIES AND EQUIPMENT TO A MINIMUM AT OUTFALL LOCATIONS WHICH DISCHARGE TO EXISTING JURISDICTIONAL AREAS. FLOATING OR STAKED TURBIDITY BARRIERS MAY BE USED IN LIEU OF STAKED HAYBALES/SILT SCREENS WHERE WARRANTED.
3. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED IN-PLACE UNTIL THE SITE HAS BEEN STABILIZED AND REVEGETATED.
4. CONSTRUCTION METHOD AND MATERIALS TO BE IN ACCORDANCE WITH SECTION 104-6 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD CONSTRUCTION SPECIFICATIONS.
   a) HAY BALES MUST BE BUTTED CLOSE TOGETHER AND HAVE NO GAPS TO ALLOW FLOW TO PASS THROUGH WITHOUT BEING FILTERED.
   b) JOINTS OF THE FILTER FABRIC MUST BE OVERLAPPED AND PROPERLY CONNECTED TO PREVENT ANY OPENING FROM OCCURRING.
5. SILT SCREENS MAY ALSO REPRESENT CONSTRUCTION LIMITS BARRIERS. THEY SHALL BE ERECTED PRIOR TO INITIATION OF SITE CLEARING OPERATIONS NEAR WETLANDS, BUFFER AREAS AND ANY OTHER AREAS SHOWN AS PRESERVED OR PROTECTED FROM CONSTRUCTION ACTIVITIES. FAILURE TO INSTALL AND MAINTAIN BARRIERS/SILT SCREENS SHALL BE CAUSE FOR PUNITIVE FINANCIAL PENALTIES. FINANCIAL PENALTIES (PUNITIVE AND REGULATORY), CONSULTING FEES AND ESTIMATED COST OF RESTORATION WILL BE DEDUCTED FROM SUBSEQUENT PAYMENT REQUESTS.



STAKED HAY BALE DETAIL

N.T.S.



STAKED SILT BARRIER DETAIL

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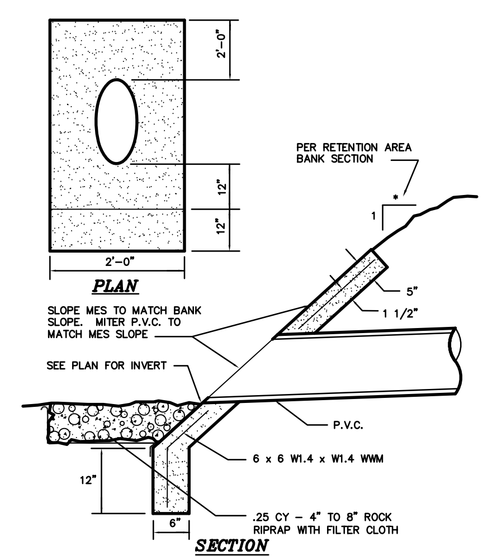
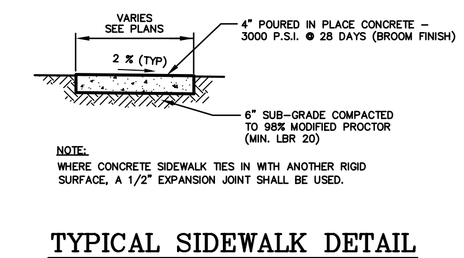


P.V.C. MITERED END SECTION

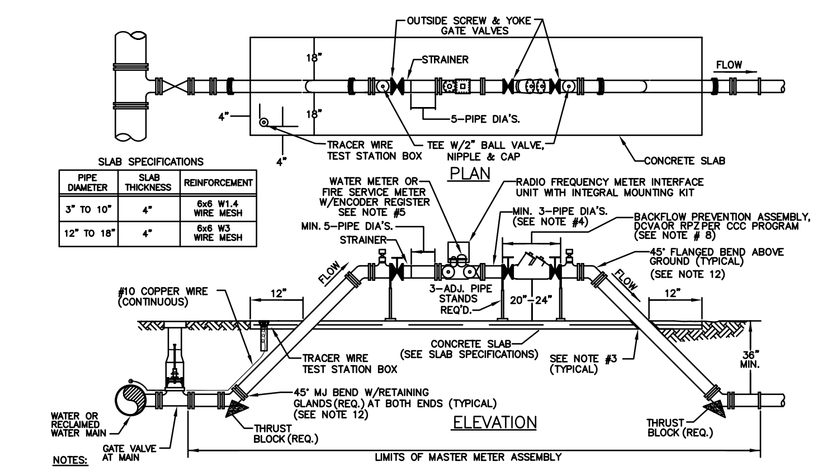
N.T.S.



NOTE:
WHERE CONCRETE SIDEWALK TIES IN WITH ANOTHER RIGID SURFACE, A 1/2" EXPANSION JOINT SHALL BE USED.

TYPICAL SIDEWALK DETAIL

N.T.S.



SLAB SPECIFICATIONS

PIPE DIAMETER	SLAB THICKNESS	REINFORCEMENT
3" TO 10"	4"	6x6 W1.4 WIRE MESH
12" TO 18"	4"	6x6 W3 WIRE MESH

NOTES:
1. ABOVE GROUND PIPING SHALL BE FLANGED DUCTILE IRON CLASS 53, PAINTED BLUE FOR POTABLE WATER OR PANTONE 522C FOR RECLAIMED WATER.
2. METER ASSEMBLY SHALL BE INSTALLED LEVEL AND PRESSURE TESTED AGAINST UPSTREAM GATE VALVE.
3. PIPE ENCASED IN CONCRETE AND ALL BELOW GROUND D.I. PIPE AND FITTINGS SHALL BE POLYETHYLENE WRAPPED.
4. TEE BETWEEN METER AND BACKFLOW IS REQUIRED ON TURBINE METERS. TEE IS NOT REQUIRED ON COMPOUND METERS.
5. FIRE SERVICE METER TO BE USED ONLY WHEN POTABLE WATER AND FIRE PROTECTION ARE SUPPLIED THROUGH A SINGLE POTABLE WATER LINE.
6. ALL EXPOSED EDGES OF CONCRETE SHALL HAVE 1/2" CHAMFER.
7. LANDSCAPE VEGETATION SHALL BE10'-0" MIN. FROM METER & ABOVE GROUND PIPINGSTREET SIDE OF ASSEMBLY SHALL REMAIN OPEN.
8. BACKFLOW PREVENTER IS NOT REQUIRED ON RECLAIMED WATER MASTER METER ASSEMBLY, EXCEPT WHERE FERTILIZER OR CHEMICAL INJECTION METHODS WILL BE IN USE.
9. ALL BOLTING SHALL BE 316 STAINLESS STEEL.
10. SEE GATE VALVE, BOX AND LID STANDARD DETAIL UW-2.
11. BALL VALVES SHALL BE FULL PORT WITH LOCKING TABS.
12. SHOULD THERE BE INSUFFICIENT ROOM TO INSTALL THE METER ASSEMBLY, 90° BENDS AND TEES MAY BE USED AS SHOWN IN STANDARD DETAIL UW-16.

3" WATER METER W/ BACKFLOW PREVENTER

N.T.S.

CLEARING AND GRUBBING NOTES

1. EROSION CONTROL PREVENTIVE METHODS, SILT SCREENING AND/OR HAY BALES, TO BE IN PLACE PRIOR TO COMMENCEMENT OF EARTHWORK CONSTRUCTION TO MINIMIZE EROSION AND SEDIMENTARY RUNOFF. THE CONTRACTOR SHALL PERFORM DAILY SITE INSPECTIONS FOR ANY POTENTIAL EROSION PROBLEMS. IF ANY POTENTIAL EROSION PROBLEMS ARE ENCOUNTERED, OR HAVE OCCURRED, THE CONTRACTOR SHALL INSTALL PROPER EROSION CONTROL MEASURES IMMEDIATELY. STORMWATER TREATMENT FACILITIES ARE TO BE CONSTRUCTED EARLY IN SITE DEVELOPMENT, WITH NO UNTREATED RUNOFF OFF-SITE OCCURRING DURING CONSTRUCTION.
2. EROSION CONTROL AND FUGITIVE PARTICULATE ABATEMENT PLANS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
3. ALL EXISTING TREES AND BRUSH DESIGNATED FOR REMOVAL ARE TO BE CLEARED AND DISPOSED OF OFFSITE.
4. SODDING AND/OR GRASSING TO BE COMPLETED IMMEDIATELY UPON COMPLETION OF FINISH GRADING. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE FUGITIVE PARTICULATE ABATEMENT PLAN (DUST CONTROL).
5. PROPOSED PARKING AND BUILDING AREAS TO BE CLEARED OF ALL TREES AND BRUSH, AND STRIPPED TO A MINIMUM DEPTH OF 8" AND/OR BOTTOM OF ORGANIC LAYER.

DRAINAGE AND GRADING NOTES

1. THE CONTRACTOR IS TO PROVIDE THE ENGINEER OF RECORD WITH REPRODUCIBLE RECORD DRAWINGS SHOWING ALL IMPROVEMENT LOCATIONS AND ELEVATIONS IN ACCORDANCE WITH LATEST CITY OF PALMETTO PLANNING, PERMITTING AND INSPECTIONS AND SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD) STANDARDS. THE CONTRACTOR SHALL ALSO PROVIDE FIVE SETS OF PRINTS, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR, OF THE RECORD DRAWINGS TO THE ENGINEER OF RECORD. SAID RECORD DRAWINGS, AT A MINIMUM, SHOULD INCLUDE ALL INFORMATION SHOWN ON THE CONSTRUCTION PLANS.
2. TO PREVENT SEDIMENTARY RUNOFF DURING CONSTRUCTION, STAKED HAY BALES, STAKED SILT SCREENS, OR INLET DEBRIS CONTROL SCREENS ARE TO BE PLACED AT STORM INLETS, OUTFALL LOCATIONS AND ADJACENT PROPERTY LINES AS REQUIRED PRIOR TO ANY CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE SEDIMENTATION BARRIERS IN A WORKING MANNER FOR THE DURATION OF CONSTRUCTION AND SHOULD BE CHECKED DAILY. SILTATION ACCUMULATIONS GREATER THAN THE LESSER OF 12 INCHES OR ONE-HALF OF THE DEPTH OF THE SEDIMENTATION BARRIER SHALL BE IMMEDIATELY REMOVED AND REPLACED IN UPLAND AREAS. IN ADDITION TO SPECIFIED EROSION CONTROL LOCATIONS, THE CONTRACTOR SHALL PERFORM DAILY SITE INSPECTIONS FOR POTENTIAL EROSION PROBLEMS. IF PROBLEMS OCCUR, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING APPROPRIATE EROSION CONTROL IMMEDIATELY. STORMWATER TREATMENT FACILITIES INCLUDING OUTFALL PER DETAIL ARE TO BE CONSTRUCTED EARLY IN SITE DEVELOPMENT, WITH NO OFF-SITE UNTREATED RUNOFF OCCURRING DURING CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING TEMPORARY EROSION CONTROL DEVICES FOLLOWING COMPLETION OF ALL CONSTRUCTION AND FINAL STABILIZATION. SOIL SHOULD BE WATERED DURING ANY INDICATION OF AIRBONE MATERIALS. THE CONTRACTOR IS RESPONSIBLE FOR THE DAILY FUNCTION OF ALL EROSION CONTROL DEVICES AND SHOULD LEAVE THEM IN PLACE UNTIL THE JOB ID DEEMED COMPLETE BY THE ENGINEER OF RECORD (EOR) AND ALL APPLICABLE GOVERNMENT AGENCIES.
3. ALL DRAINAGE SHOWN AS EXISTING WERE DERIVED FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE ACTUAL LOCATION, SIZE, TYPE AND AMOUNT OF EXISTING DRAINAGE PRIOR TO CONSTRUCTION. THE CONTRACTOR TO NOTIFY "CALL SUNSHINE" (PH. 1-800-432-4770), MCPWD AND FP&L 48 HOURS MINIMUM PRIOR TO START OF CONSTRUCTION FOR POSSIBLE DRAINAGE LOCATIONS NOT SHOWN ON PLANS.
4. AS-BUILT STORMWATER FACILITY LOCATIONS, INCLUDING TOP OF BANK, UNDERDRAIN AND CONTROL STRUCTURES, SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR AND REVIEWED BY THE ENGINEER OF RECORD PRIOR TO ACCEPTANCE AND PAYMENT. BENCH MARKS WITH THE ELEVATION CLEARLY AND PERMANENTLY MARKED ARE TO BE PLACED ON THE TOP OF ALL PROPOSED OUTFALL CONTROL STRUCTURES. AS-BUILTS OF ALL MITIGATION AREAS INCLUDING ELEVATIONS, ZONES AND LIMITS SHALL BE PERFORMED BY A REGISTERED LAND SURVEYOR AND REVIEWED BY THE ENGINEER OF RECORD PRIOR TO ACCEPTANCE AND PAYMENT.
5. ALL PIPE LENGTHS SHOWN ON PLAN VIEW ARE TO THE END OF THE MITERED END SECTION. REFER TO MITERED END SECTION DETAIL FOR LENGTH OF PIPE TO BE INCLUDED IN PRICE FOR MITERED END SECTION.
6. THE CONTRACTOR SHALL VERIFY TOPOGRAPHY AND SATISFY HIMSELF AS TO THE EXTENT OF FILL NECESSARY TO ACHIEVE FINISHED GRADE PRIOR TO AWARD OF CONTRACT. THERE SHALL BE NO CLAIM FOR EXTRAS NOTWITHSTANDING SITE PLAN REVISIONS PROMULGATED SUBSEQUENT TO AWARD OF CONTRACT.
7. THE CONTRACTOR IS RESPONSIBLE FOR ESTIMATING AND CALCULATING ALL CUT AND FILL QUANTITIES. PRIOR TO BID SUBMISSION THE CONTRACTOR SHALL CONDUCT ANY ADDITIONAL SURVEYS AND SOIL TESTS HE DEEMS NECESSARY TO CALCULATE THE CUT AND FILL QUANTITIES PROPERLY. ADDITIONAL SURVEYS AND TESTS MADE BY THE CONTRACTOR SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER.
8. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL STRUCTURES PRIOR TO INSTALLATIONS.
9. ALL EASEMENTS AS SHOWN WITHIN THE PROJECT BOUNDARY LIMITS ARE TO BE CONSIDERED PUBLIC (UNLESS OTHERWISE STATED). EASEMENTS TO BE GRANTED IN CONJUNCTION WITH RECORD PLAT PROCESSING.
10. ALL FILL AREAS ARE TO BE CONSTRUCTED PER PROJECT GEO-TECHNICAL REPORT.
11. THE CONTRACTOR IS TO REVIEW SOILS TESTS AS PERFORMED BY THE SOIL CONSULTANT AND IS ENCOURAGED TO CONDUCT ON-SITE TESTING TO SATISFY HIMSELF AS TO ACTUAL LIMITS OF REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIALS PRIOR TO BIDDING.
12. THE CONTRACTOR IS TO PROVIDE THE ENGINEER OF RECORD WITH VERIFICATION OF LOT GRADES PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
13. ALL CONTROL STRUCTURES SHALL HAVE A SEPARATE TOP SLAB TO ALLOW FOR FINAL ADJUSTMENT TO DESIGN GRADE. PRECAST CONTROL STRUCTURES SHALL BE CAST SO AS TO ALLOW A MINIMUM OF 6" OF BRICK ADJUSTMENT FOR CONSTRUCTION OF THE WEIR(S).

M. ANDREW ALLISON
PE # 53966

ALLISON ENGINEERING
926 14th STREET WEST BRADENTON, FLORIDA 34205 TEL:(941)708-5400 FAX:(941)708-5405

DESIGNED MAA DATE 8/20/10 FILE NO. 3040
DRAWN BRF JOB NO. 3040 SCALE 1" = 20'

REVISIONS
1 BID SET 8/20/10
2
3
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NOTES & DETAILS
FOR
MANATEE COUNTY–LINCOLN SPLASH PARK
LOCATED IN
SECTION 13, TOWNSHIP 34 SOUTH, RANGE 17 EAST
MANATEE COUNTY, FLORIDA

SHEET C2

File Number: 3040 | Sheet #: C2 | Job Number: 3040 | Sheet Title: NOTES & DETAILS

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