

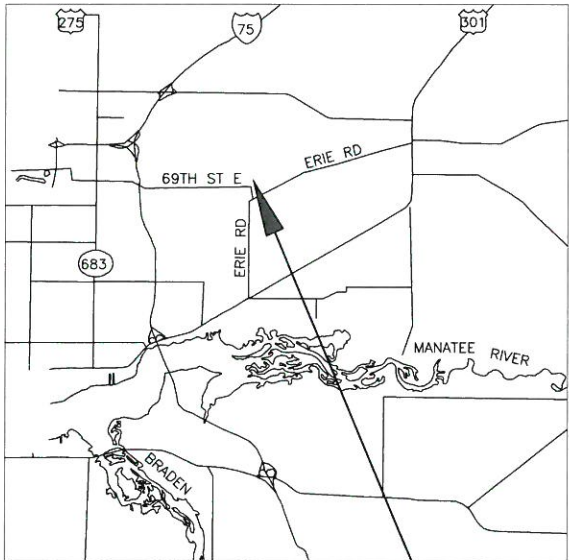
NOTES:

1. SITE PARCEL ID: 655700109
2. ZONING: PD-PI, NCO
3. CURRENT LAND USE DESCRIPTION: WWTP, GOLF COURSE, MAINTENANCE FACILITIES
4. PROPOSED LAND USE DESCRIPTION: FUEL DEPOT
5. THE SITE LIES WITHIN FLOOD ZONES "X" (OUTSIDE THE 500 YEAR FLOOD PLAIN), AS SCALED FROM MANATEE COUNTY FLOOD INSURANCE RATE MAP, PANEL No. 205C
6. THERE ARE NO KNOWN FOUNDATIONS, MOUNDS OR MIDDEN AREAS OF HISTORIC ORIGIN, OR PLATTED STREETS LOCATED ON THIS SITE.
7. THERE ARE NO WETLANDS WITHIN PROJECT LIMITS AND LIMITS ARE 30' AWAY FROM VEGETATION LINE.
8. THERE IS NO KNOWN WELLS ON SITE. EXISTING WELL(S) DISCOVERED WITHIN THE LIMITS OF DISTURBANCE SHALL BE SEALED AND ABANDONED BY A LICENSED WELL CONTRACTOR IN ACCORDANCE WITH RULE 40D-3.531.
9. INFRASTRUCTURE CONSTRUCTION WILL COMMENCE JULY 2014 AND WILL BE COMPLETED WITHIN SIX MONTHS OF PLAN APPROVAL AND CERTIFICATE OF LEVEL OF SERVICE APPROVAL.
10. SEDIMENTATION AND EROSION CONTROL MEASURES WILL BE IN COMPLIANCE WITH SECTION 217 OF THE MANATEE COUNTY LAND DEVELOPMENT CODE. TO PREVENT SEDIMENTARY RUNOFF DURING CONSTRUCTION, STAKED HAY BALES, STAKED SILT SCREENS OR INLET DEBRIS CONTROL SCREENS ARE TO BE PLACED AT STORM INLETS, OUT FALL 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. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING TEMPORARY EROSION CONTROL DEVICES FOLLOWING COMPLETION OF ALL CONSTRUCTION AND FINAL STABILIZATION.
11. NOTIFY MANATEE COUNTY ENVIRONMENTAL PLANNING DIVISION 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 E.P.D. STAFF.
12. EASEMENTS, DEDICATIONS, & RESERVATIONS WILL BE PROVIDED IN ACCORDANCE WITH MANATEE COUNTY LAND DEVELOPMENT CODE.
13. NO WETLAND OR OTHER SURFACE WATERS IMPACTS ARE PROPOSED WITH THIS PLAN.
14. NO POTABLE WATER, SANITARY SEWER, OR RECLAIM/IRRIGATION EXTENSIONS ARE PROPOSED WITH THIS PLAN.

SITE DATA:

SITE ACRES: 2.08

LEGAL DESCRIPTION: ON FILE, SUBMITTED WITH MODIFICATION TO GDP



VICINITY MAP
N.T.S.

PROJECT SITE

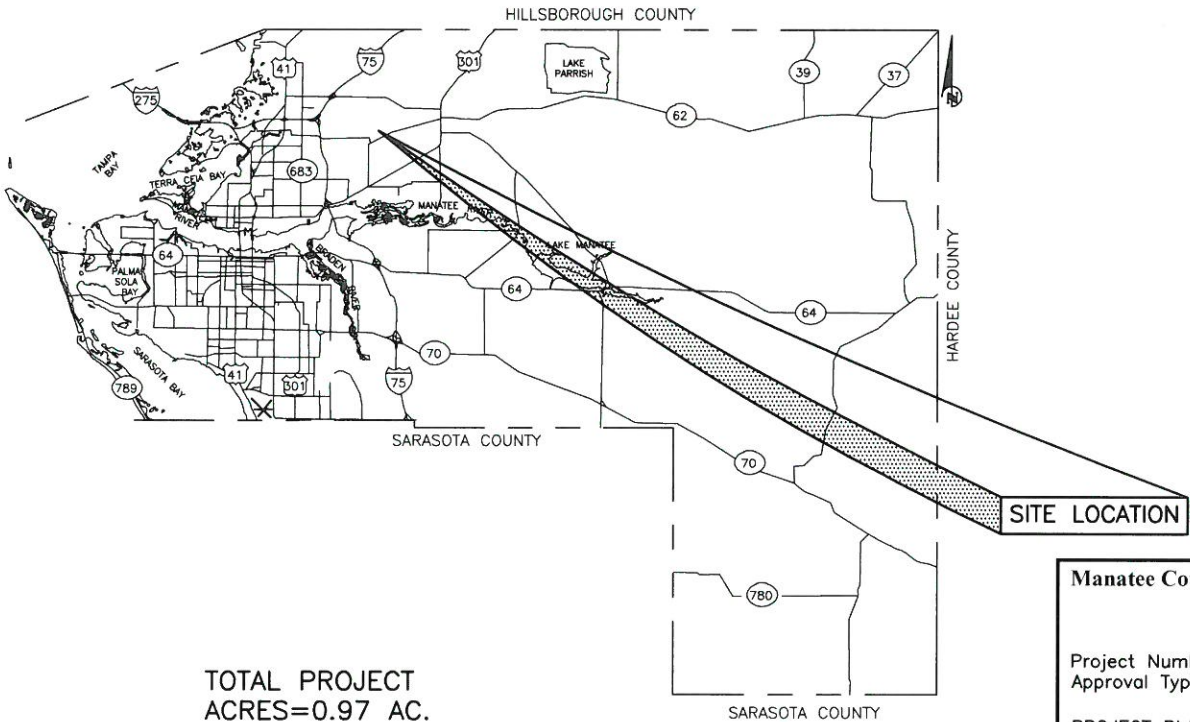
TOTAL PROJECT
ACRES=0.97 AC.

PROJECT DESCRIPTION

The proposed fuel depot facility will include:
Three (3) fuel pumps to accommodate two (2) diesel and one (1) gasoline vehicles at the same time,
One (1) "Diesel Exhaust Fluid" (urea) Dispenser for compliance with EPA emissions,
Two (2) above ground tanks:
• a 20,000 gallon tank with two compartments, one for gasoline (5,000 gallons), and one for diesel (15,000 gallons), and
• a 1,000 gallon DEF tank to support EPA compliance.

NORTH COUNTY FUEL DEPOT PRELIMINARY/FINAL SITE PLAN 501-0003602

APRIL 2014



NO.	INDEX OF SHEETS
1	COVER SHEET
2-3	GENERAL NOTES & LEGEND
4	SURVEY
5	FINAL SITE PLAN W/AERIAL
6	PAVING, GRADING & DRAINAGE PLAN
7	SECTIONS & CONSTRUCTION DETAILS
8	FUEL TANK PLAN
9	FUEL TANK/SLAB DETAILS/LIGHTING
10	LANDSCAPE/IRRIGATION/BMP/UAS PLAN
11	BEST MANAGEMENT PRACTICES DETAILS

Manatee County Building & Development Services Signature Block

Project Number: PDPI-06-45(P)	Project Name: NORTH COUNTY FUEL DEPOT
Approval Type: FSP-14-24 (OSR)	DTS Number: 2014 0172
PROJECT PLANNER _____	DATE _____
PROJECT ENGINEER _____	DATE _____
CONCURRENCY _____	DATE _____
NATURAL RESOURCES _____	DATE _____
ENVIRONMENTAL HEALTH _____	DATE _____
FIRE DISTRICT _____	DATE _____
Attention: The combination of this signed plan and accompanying approval letter constitutes the complete approval document. Both documents should be provided to interested parties and submitted with any building permit application. There may be other documents, including a CLOS that affect this project approval.	
Rec'd by OWNER/AGENT: _____	DATE _____



Know what's below
Call before you dig



NORTH COUNTY
FUEL DEPOT
PRELIMINARY/FINAL SITE PLAN
COVER SHEET

REVISION	DESCRIPTION	BY	DATE
1	SHEET 6 & 7	CM	1/12/15
2	SHEETS 5, 6, 8, 9 & 10	CM	1/12/15
3	SHEETS 7 & 8	CM	2/10/15
4	PROJECT #		501-0003602
5	SURVEY #		20130801
6	SECTION LARGE		26,27,35/33S/18
7	SCALE BAR		
8	SURVEYED	T. BOYLE	11/13/13
9	DESIGNED	C.M.	03/10/14
10	DRAWN	K.R.	03/10/14
11	CHECKED	C.M.	04/4/14
CHRISTOPHER MOWBRAY P.E.			
FLORIDA P.E. # 46777			
Signature & Date			
SHEET 1			

S:\PMD\Engineering\Shore Highway Engineering\PROJECTS\North County Fuel Depot\DWGS\NORTH COUNTY FUEL DEPOT SITE PLAN.dwg SHEET 2: NOTES: 2/10/2012 3:46 PM Carlo Bunney, 1:11, 11 x 17

GENERAL

1. ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE PROJECT MANAGEMENT DIVISION. THE PROJECT MANAGER IS: JUDY BERISFORD AND CAN BE REACHED AT (941) 708-7450; EXT. 7524
2. SITE VISITS ARE MANDATORY FOR ALL BIDDERS. THESE SITE VISITS CAN BE ARRANGED THROUGH THE PROJECT MANAGER.
3. ALL CONSTRUCTION ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF MANATEE COUNTY UTILITY AND TRANSPORTATION STANDARDS AND/OR FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" UNLESS OTHERWISE INDICATED ON THE PLANS.
4. VERTICAL CONTROL FOR THIS PROJECT WAS ESTABLISHED BY A MINIMUM OF TWO REFERENCE BENCHMARKS DESCRIBED ON THE "THE NATIONAL AMERICAN VERTICAL DATUM OF 1988", (NAVD '88).
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL CONDITIONS AND REQUIREMENTS OF ALL PERMITS AND ALL GOVERNING FEDERAL, STATE, AND LOCAL AGENCIES. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS THAT ARE NOT PROVIDED IN THE BID DOCUMENTS, AT NO ADDITIONAL COST TO THE OWNER.
6. THE INFORMATION PROVIDED IN THESE PLANS IS SOLELY TO ASSIST THE CONTRACTOR IN ASSESSING THE NATURE AND EXTENT OF THE CONDITIONS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF WORK. ALL CONTRACTORS ARE DIRECTED, PRIOR TO BIDDING, TO CONDUCT WHATEVER INVESTIGATION THEY MAY DEEM NECESSARY TO ARRIVE AT THEIR OWN CONCLUSIONS REGARDING THE ACTUAL CONDITIONS THAT WILL BE ENCOUNTERED, AND UPON WHICH THEIR BIDS WILL BE BASED.
7. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS ON THE PLANS AND REVIEW ALL FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. SHOULD DISCREPANCIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO OBTAIN THE ENGINEER'S CLARIFICATION BEFORE COMMENCING WITH CONSTRUCTION.
8. AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT SUNSHINE STATE ONE CALL OF FLORIDA AT 1-800-432-4770 OR THE NATIONAL 811 ONE CALL NUMBER WHEN APPLICABLE FOR UTILITY LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL UTILITIES FOR THE POSSIBLE RELOCATION OR THE TEMPORARY MOVEMENT OF ANY EXISTING UTILITIES WITHIN THE RIGHTS-OF-WAY.
9. NO WORK, EXCEPT FOR EMERGENCY TYPE, SHALL BE PERFORMED AFTER 7:00 PM AND BEFORE 7:00 AM. FOR ADDITIONAL PROJECT RESTRAINTS, REFER TO SECTION 01310 OF THE SPECIFICATIONS.
10. ALL STATIONS AND OFFSETS REFER TO BASELINE OF CONSTRUCTION, UNLESS OTHERWISE NOTED.
11. THE CONSTRUCTION LENGTHS IN THESE PLANS ARE APPROXIMATE. ACTUAL LIMITS MAY BE SET IN THE FIELD AS DIRECTED BY THE ENGINEER.
12. SEPARATE PAYMENT SHALL BE MADE ONLY FOR THE ITEMS OF WORK LISTED AND IDENTIFIED BY APPROPRIATE PAY ITEM ON THE BID FORM. THE COST OF ANY RELATED WORK NOT SPECIFICALLY IDENTIFIED, BUT WHICH IS REQUIRED FOR SATISFACTORY COMPLETION OF THE WORK, SHALL BE CONSIDERED TO BE INCLUDED IN THE CONTRACT PRICE FOR THE APPROPRIATE BID ITEM.
13. THE CONTRACTOR SHALL HAVE A FOREMAN, OR RESPONSIBLE PARTY, ON SITE AT ALL TIMES WHEN WORK IS BEING PERFORMED. ALL WORKERS ON THE JOB SITE WILL BE COURTEOUS TO THE PUBLIC AT ALL TIMES, AND SHALL REFER ANY QUESTIONS OR CONCERNS TO THE CONTRACTOR'S FOREMAN OR THE COUNTY INSPECTOR. THE FOREMAN SHALL SPEAK AND UNDERSTAND ENGLISH AND SHALL BE AVAILABLE AT ALL TIMES FOR TIMELY RESOLUTION OF PROJECT-RELATED ISSUES.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE COORDINATION OF CONSTRUCTION SCHEDULING BETWEEN CONTRACTOR AND ALL UTILITY AGENCIES.
NOTE:
THIS INCLUDED MEETING WITH UTILITY AGENCIES PRIOR TO THE PRE-CONSTRUCTION CONFERENCE TO ADJUST THEIR SCHEDULES TO COINCIDE WITH THE CONTRACTORS CONSTRUCTION SCHEDULE. (REFERENCE CONTRACT DOCUMENTS)
15. ANY DAMAGE TO STATE, COUNTY, OR LOCAL ROADS CAUSED BY THE CONTRACTOR'S HAULING OR EXCAVATION EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTORY OF THE COUNTY PROJECT MANAGER. PAYMENT SHALL NOT BE MADE FOR THIS WORK.

SAFETY

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE FLORIDA TRENCH SAFETY ACT, 90-96, LAWS OF FLORIDA EFFECTIVE OCTOBER 1, 1990 AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION EXCAVATION SAFETY STANDARDS, 29 CFR 1926.650, SUBPART P, AS AMENDED. THE CONTRACTOR SHALL INCLUDE IN THE TOTAL BID PRICE ALL COSTS FOR COMPLIANCE WITH THESE REGULATIONS.
17. THE CONTRACTOR SHALL USE SHEET PILING, SHEETING, BRACING, ETC., AS REQUIRED IN ALL EXCAVATION AREAS AND CONFORM TO ALL OSHA REQUIREMENTS.
18. THE CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND UTILITIES, POWER LINES, ETC.
19. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THIS EXCLUSION DOES NOT ALLEVIATE THE CONTRACTOR FOR PROVIDING A CONTINUOUS SAFE WORKSPACE.

ENVIRONMENTAL

20. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION ALL SEDIMENT AND EROSION CONTROL (SEC) DEVICES (E.G., BARRIERS, SEDIMENT TRAPS/BASINS, VEGETATIVE BUFFERS, ETC.) AS SPECIFIED IN THE FINAL APPROVED PLANS FOR THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SEC DEVICES UTILIZED DURING THE PROJECT, AS WELL AS INSTALLATION & MAINTENANCE OF ANY ADDITIONAL MEASURES DEEMED NECESSARY DURING PROJECT IMPLEMENTATION, TO PREVENT EROSION AND OFF-SITE SEDIMENT MIGRATION. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR REMOVAL AND PROPER DISPOSAL OF ALL SEC DEVICES UPON CONCLUSION OF THE PROJECT, AND UPON ADEQUATE STABILIZATION OF DISTURBED SOILS.
21. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY STORM WATER, EROSION, AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH THE FDP "FLORIDA STORM WATER, EROSION AND SEDIMENTATION CONTROL INSPECTOR'S MANUAL", IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL AND PREVENT EROSION AND TRANSPORT OF SEDIMENT TO SURFACE DRAINS AND TO DITCHES DURING CONSTRUCTION.
22. STOCKPILES SHALL BE PROTECTED AT ALL TIMES BY ON-SITE DRAINAGE CONTROLS WHICH PREVENT EROSION OF THE STOCKPILED MATERIAL. CONTROL OF DUST FROM SUCH STOCKPILES IS REQUIRED, DEPENDING UPON THEIR LOCATION AND THE EXPECTED LENGTH OF TIME THE STOCKPILES WILL BE PRESENT. IN NO CASE SHALL ANY STOCKPILED MATERIAL REMAIN AFTER THIRTY (30) CALENDAR DAYS.
23. STORM WATER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED HAY BALES, SOD, STONE, ETC., WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS, AND WHICH MUST BE APPROVED BY THE ENGINEER BEFORE INSTALLATION. THIS WILL BE MAINTAINED TO PREVENT DEGRADATION OF THE WATERS OF THE COUNTY AND STATE.
24. SEDIMENT BASINS AND TRAPS, PERIMETER BERMS, SEDIMENT BARRIERS, VEGETATIVE BUFFERS, AND OTHER MEASURES INTENDED TO TRAP SEDIMENT AND/OR PREVENT THE TRANSPORT OF SEDIMENT ONTO ADJACENT PROPERTIES, OR INTO EXISTING BODIES OF WATER, MUST BE INSTALLED, CONSTRUCTED, OR IN THE CASE OF VEGETATIVE BUFFERS, PROTECTED FROM DISTURBANCE, AS A FIRST STEP IN THE LAND ALTERATION PROCESS. SUCH SYSTEMS SHALL BE FULLY OPERATIVE BEFORE ANY OTHER DISTURBANCE OF THE SITE BEGINS. EARTHEN STRUCTURES INCLUDING BUT NOT LIMITED TO BERMS, EARTH FILTERS, DAMS OR DIKES SHALL BE STABILIZED AND PROTECTED FROM DRAINAGE DAMAGE OR EROSION WITHIN ONE (1) WEEK OF INSTALLATION.
25. ALL SWALES, DITCHES, AND CHANNELS LEADING FROM THE SITE SHALL BE PROTECTED FROM SILTATION AND EROSION DURING CONSTRUCTION AND BE SODDED WITHIN THREE (3) DAYS OF EXCAVATION.
26. SOIL DISPLACED BY CONSTRUCTION WILL BE REMOVED. EROSION CONTROL SHALL BE IMPLEMENTED IN AREAS WHICH ARE CONSIDERED ENVIRONMENTALLY SENSITIVE. EROSION CONTROL SYSTEMS SHALL BE REQUIRED FOR ALL WORK WITHIN JURISDICTIONAL AREAS. THESE SYSTEMS MAY INCLUDE STAKED HAY BALES, SILT SCREENS, FILTER FABRIC, AND TURBIDITY SCREENS.
27. ALL EROSION AND POLLUTION CONTROL DEVICES SHALL BE CHECKED REGULARLY, ESPECIALLY AFTER EACH RAINFALL AND SHALL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED.
28. THE CONTRACTOR SHALL NOT ENTER UPON OR IN ANY WAY ALTER WETLAND AREAS THAT MAY BE ON OR NEAR THE CONSTRUCTION SITE. ALL WORK IN THE VICINITY OF OPEN WATER AND/OR WETLANDS IS TO BE PERFORMED IN COMPLIANCE WITH THE ENVIRONMENTAL REGULATIONS AND/OR PERMITS FOR THE SITE. THE CONTRACTOR WILL

BE RESPONSIBLE FOR ANY FINES RESULTING FROM HIS VIOLATION OF ANY REGULATIONS OR PERMIT CONDITIONS.
29. FOR MORE INFORMATION, SEE THE EROSION CONTROL DETAIL SHEET INCLUDED IN THE PLANS.

RIGHT-OF-WAY

30. ALL CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO WITHIN THE MANATEE COUNTY/FDOT RIGHT-OF-WAY AND/OR EASEMENTS SHOWN ON THE DRAWINGS.
31. THE CONTRACTOR SHALL EMPLOY A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA TO REFERENCE AND RESTORE PROPERTY CORNER MONUMENTS, PINS, AND LANDMARKS THAT MAY BE DISTURBED BY CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
32. THE CONTRACTOR, PRIOR TO CONSTRUCTION AND RESTRICTING ANY TRAFFIC, MUST OBTAIN A RIGHTS-OF-WAY USE PERMIT AND A TRAFFIC CONTROL PLAN. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FROM OTHER GOVERNMENTAL AGENCIES HAVING RELEVANT JURISDICTION. ALL MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION "MANUAL OF TRAFFIC CONTROL AND SAFE PRACTICES". A TRAFFIC CONTROL PLAN SHALL BE SUPPLIED BY THE CONTRACTOR AT THE PRE-CONSTRUCTION MEETING.
33. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL DAMAGED STORM WATER STRUCTURES, PIPING, ENTRANCE PIPE AND HEADWALLS, THAT ARE TO REMAIN, WHETHER SHOWN ON THE PLANS OR NOT.
34. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH IN THE FIELD THE RIGHT-OF-WAY LINES, BASE LINES, BENCH MARKS (ELEV.), CENTER LINES, AND STATIONING AS REQUIRED TO CONSTRUCT THIS PROJECT. ROADWAY PLANS AND PROPOSED DESIGN ARE BASED ON TOPOGRAPHIC SURVEYS PROVIDED BY MANATEE COUNTY PROJECT MANAGEMENT AND ZOLLAR NAJJAR & SHROYER UNDER COUNTY PROJECT NO'S 334-6001060 AND 319-6045661. REFER TO THE ORIGINAL SIGNED AND SEALED SURVEY CONTROL SHEETS IN THE PROJECT FILE.
35. THE CONTRACTOR SHALL COORDINATE THE CUTTING OF DRIVEWAYS WITH THE PROPERTY OWNER PRIOR TO CUT. ALL DRIVEWAYS WILL BE IN PASSABLE CONDITION AT THE END OF THE WORK DAY AND FULLY RESTORED PER SPEC. 2575. THE CONTRACTOR SHALL COORDINATE WITH THE AFFECTED UTILITY COMPANY FOR THE ADJUSTMENT OF ANY EXISTING UTILITIES AND STRUCTURES IN ORDER TO MATCH THE PROPOSED ELEVATIONS AND ALIGNMENTS.
36. A RIGHT OF ENTRY AGREEMENT SHALL BE OBTAINED BY THE PROJECT MANAGER FROM THE PROPERTY OWNER BEFORE ANY DRIVEWAY CONSTRUCTION WORK IS DONE OUTSIDE OF THE RIGHT-OF-WAY OR EASEMENT.

UTILITIES

37. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THERE MAY BE OTHER IMPROVEMENTS, UTILITIES, ETC. WHICH ARE WITHIN THE PROJECT AREA AND WHICH HAVE NOT BEEN LOCATED OR IDENTIFIED, MAY NOT BE IN THE EXACT LOCATION SHOWN OR RELOCATED SINCE THE PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY, PRIOR TO CONSTRUCTION, THE LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES STRUCTURES AND OTHER FEATURES (WHETHER OR NOT SHOWN ON THE PLANS) THAT MAY AFFECT HIS WORK. ALL EXISTING UTILITIES TO BE EXTENDED, CROSSED OR CONNECTION POINTS SHALL BE EXPOSED PRIOR TO CONSTRUCTION TO VERIFY LOCATION AND ELEVATION. ANY DISCREPANCIES OR CONFLICTS FOUND SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR RESOLUTION. UTILITIES DESIGNATED VV, VH, AND VVH ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED. EXTREME CAUTION SHALL BE EXERCISED WHEN WORKING NEAR THE 20"/24" WATERLINE.
38. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, WATER AND SEWER LINES, STORM DRAINS, UTILITIES, DRIVEWAYS, SIDEWALKS, SIGNS, MAIL BOXES, FENCES, TREES, LANDSCAPING, AND ANY OTHER IMPROVEMENT OR FACILITY IN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL REPAIR AND/OR REPLACE ANY DAMAGED ITEM DUE TO HIS CONSTRUCTION ACTIVITIES TO EQUAL OR BETTER THAN PRE-CONSTRUCTION CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
39. THE CONTRACTOR SHALL USE APPROPRIATE TECHNIQUES, AS APPROVED, RECOMMENDED OR OFFERED BY PEACE RIVER ELECTRIC TO PREVENT UNDERMINING OF POWER POLES DURING CONSTRUCTION. IF HOLDING OF POWER POLES IS RECOMMENDED OR REQUIRED BY THE UTILITY, THE CONTRACTOR SHALL COORDINATE THIS ACTIVITY WITH THE UTILITY AND BEAR ALL RELATED COSTS.
40. ANY TEMPORARY SHUTDOWNS FOR MODIFICATIONS OF EXISTING COUNTY SEWER, POTABLE & RECLAIM WATER SYSTEMS THAT MUST REMAIN IN SERVICE DURING CONSTRUCTION SHALL BE KEPT TO A MINIMUM AND SHALL BE COORDINATED WITH AND APPROVED BY THE MANATEE COUNTY UTILITY OPERATIONS DEPARTMENT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. IT IS NOTED THAT TEMPORARY SHUTDOWNS MAY BE RESTRICTED TO CERTAIN HOURS AT ANY TIME OF THE DAY OR NIGHT AND WILL BE COMPLETED AT NO ADDITIONAL COST TO THE OWNER.
41. EXCEPT WERE THE PLANS AND SPECIFICATIONS PROVIDE THAT SUCH WORK SHALL BE PERFORMED UNDER THE CONTRACT FOR THIS PROJECT. ALL UTILITIES INTERFERING WITH CONSTRUCTION SHALL BE REMOVED, RELOCATED OR ADJUSTED BY THEIR OWNERS, AT THEIR EXPENSE. THE CONTRACTOR SHALL ARRANGE HIS SCHEDULE TO ALLOW UTILITY OWNERS TIME FOR THE NECESSARY RELOCATION AND ADJUSTMENT OF UTILITIES AND RELATED STRUCTURES.
42. A PEACE RIVER ELECTRIC SPECIAL PROVISION IS THAT THE TYPE OF EQUIPMENT USED IN THE INSTALLATION OF MAST ARMS/FOUNDATIONS, OVERHEAD/CANTILEVER SIGNS/FOUNDATIONS, AND THE MOVEMENT/INSTALLATION OF STRAIN POLES SHALL MEET THE FOLLOWING REQUIREMENTS: 1) OVERHEAD LINES SHALL STAY IN PLACE BOTH VERTICALLY AND HORIZONTALLY 2) CONTRACTOR SHALL MEET ALL APPLICABLE OSHA REQUIREMENTS (SEPARATION SHALL FOLLOW FPL GUIDELINES). ANY COST ASSOCIATED WITH THIS TYPE OF EQUIPMENT REQUIRED FOR THIS INSTALLATION IS INCLUDED IN THE RELATED PAY ITEMS. PLEASE REFER TO THE SPECIAL CONDITIONS IN THE UTILITY WORK SCHEDULE AND UTILITY COORDINATION.
43. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH ALL UTILITY COMPANIES FOR THE RELOCATION AND ADJUSTMENT OF ALL UTILITIES, INCLUDING, ANY EXISTING POWER POLES AND/OR UTILITY CONDUITS WITHIN RIGHT-OF-WAY.
44. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE APPROPRIATE PARTIES TO DETERMINE THE COUNTY'S FIBER COMMUNICATION NETWORK, KNOWN AS ATMS (COUNTY ISD, SCHOOL BOARD, AND TRAFFIC MANAGEMENT CENTERS) IN THE AREA TO ACCOMMODATE ANY POTENTIAL CONFLICTS. AS-BUILT INFORMATION FOR EXISTING COMMUNICATION CONDUIT AND FIBER IS AVAILABLE FROM OLGA ROSIER, WITH UTILITY RECORDS (941-792-8811 EXT. 5059). CONSTRUCTION PLAN INFORMATION FOR PROJECTS UNDER CONSTRUCTION WITH THE COUNTY'S TRAFFIC MANAGEMENT CENTER ARE AVAILABLE AT WWW.MANATEEATMS.COM AND WWW.MANATEEATMS2.COM.
45. CONTRACTOR SHALL MINIMIZE EROSION OF THE AREA SURROUNDING PEACE RIVER ELECTRIC TRANSMISSION POLES.
46. THE ROADWAY CONTRACTOR MUST MAINTAIN CLEARANCES, AS REQUIRED BY OSHA, WHEN WORKING IN THE PROXIMITY OF PEACE RIVER ELECTRIC'S HIGH-VOLTAGE TRANSMISSION AND LOW VOLTAGE DISTRIBUTION CONDUCTORS.
47. THE ROADWAY CONTRACTOR MUST MAINTAIN ACCESS TO ALL PEACE RIVER ELECTRIC FACILITIES AT ALL TIMES DURING HIS CONSTRUCTION, AND PROVIDE PROPER TRAFFIC CONTROL AROUND THEM.

DRAINAGE AND GRADING


48. ALL CONSTRUCTION IS TO BE STAKED IN THE FIELD BY OR UNDER THE SUPERVISION OF A FLORIDA REGISTERED LAND SURVEYOR.
49. THE CONTRACTOR IS TO PROVIDE THE ENGINEER OF RECORD WITH REPRODUCIBLE RECORD DRAWINGS SHOWING ALL IMPROVEMENT LOCATIONS AND ELEVATIONS IN ACCORDANCE WITH LATEST MANATEE COUNTY TRANSPORTATION DEPARTMENT STANDARDS 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. THESE RECORD DRAWINGS SHALL BE CERTIFIED TO THE OWNER, APPROPRIATE GOVERNMENTAL AGENCIES. RECORD DRAWINGS SHALL SPECIFICALLY INCLUDE 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. RECORD DRAWINGS 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. THE RECORD DRAWINGS SHALL SPECIFICALLY INCLUDE THE SURFACE AREA OF STORMWATER FACILITY AREAS AT NORMAL WATER), TOP OF BANK AND ELEVATION (NWLs), AT HIGH WATER ELEVATION (HWL ALL MITIGATION AND/OR LITTORAL SHELF AREAS.

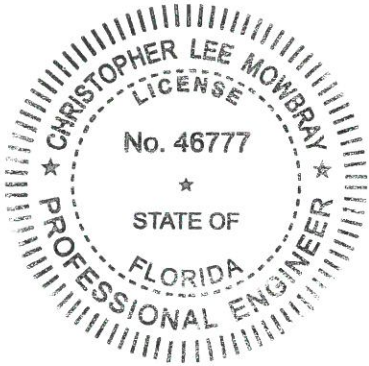
50. TO PREVENT SEDIMENTARY RUNOFF DURING CONSTRUCTION, STAKED HAY BALES, STAKED SILT SCREENS OR INLET DEBRIS CONTROL SCREENS ARE TO BE PLACED AT STORM INLETS, OUTFALL LOCATIONS AND ADJACENT PROPERTY LINES AS REQUIRED PRIOR TO ANY CONSTRUCTION ACTIVITIES. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED AND THEN VERIFIED/INSPECTED BY MANATEE COUNTY INFRASTRUCTURE INSPECTIONS RESOURCES DIVISION (708-7450) PRIOR TO COMMENCEMENT OF . CONSTRUCTION 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. AN INSPECTION LOG SHALL BE MAINTAINED AND AVAILABLE ONSITE AT ALL TIMES. 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.

51. 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 SOIL 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 HE MAY DEEM NECESSARY TO VERIFY THE ACCURACY OF THE INFORMATION PROVIDED.
52. 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.
53. SUITABLE FILL MATERIAL FROM EXCAVATION SHALL BE UTILIZED FOR PROJECT FILL PER GRADING SPECIFICATIONS. UNSUITABLE MATERIAL SHALL BE PLACED IN OPEN AREAS ONLY AS DIRECTED BY THE PROJECT ENGINEER AND SOILS ENGINEER IN ACCORDANCE WITH FDOT INDEX 505.
54. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL STRUCTURES PRIOR TO INSTALLATIONS.
55. REFER TO CONSTRUCTION TECHNICAL SPECIFICATIONS FOR COMPACTION REQUIREMENTS, GRASSING/SODDING REQUIREMENTS, AND PAVING CONSTRUCTION MATERIAL SPECIFICATIONS.
56. ALL FILL AREAS ARE TO BE CONSTRUCTED IN 12" MAXIMUM LIFTS.
57. THE CONTRACTOR SHALL 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.
58. ON SLOPES GREATER THAN 3:1 PEGGING OR PINNING OF SOD MAY BE REQUIRED.
59. STATION LOCATIONS AND OFFSETS FOR STORM DRAIN INLETS AND MANHOLES REFERENCE THE CENTER OF THE SPECIFIED STRUCTURE BOTTOM. STATION LOCATION IS CENTER OF STRUCTURE BOTTOM FOR JUNCTION BOXES, CENTER OF RISER FOR CURB INLETS. FOR PIPES WITH MITERED END SECTIONS, THE PROPOSED LENGTHS SHOWN ON THE PLANS INCLUDE THE LENGTH OF THE MITERED END SECTION. PAYMENT FOR PIPE SHALL NOT INCLUDE THE LENGTH OF THE MITERED END SECTION. AS SPECIFIED BY DIMENSION "F" AS SHOWN IN FDOT INDEX 272 AND 273. PAYMENT SHALL BE FROM INSIDE STRUCTURE WALL TO INSIDE STRUCTURE WALL. ANY EXTRA PIPE LENGTH LISTED SHALL BE CONSIDERED CONTINGENT.
60. ALL CURB INLET AND JUNCTION BOX STORMWATER STRUCTURES SHALL HAVE HEAVY DUTY RING AND COVER MANHOLE ACCESS
61. DURING DEWATERING OPERATIONS, THE CONTRACTOR SHALL NOT DISCHARGE DIRECTLY TO RECEIVING WATERS, EXISTING CONVEYANCES TO RECEIVING WATERS, OR WETLAND SYSTEMS. TEMPORARY SEDIMENT BASINS, TRAPS, OR SILTATION REDUCTION DEVICES SHALL BE UTILIZED TO COLLECT THE DISCHARGE FROM DEWATERING ACTIVITIES TO ELIMINATE THE POTENTIAL FOR OFFSITE SEDIMENT TRANSPORT AND TO ENSURE THAT DIRECT DISCHARGE DOES NOT OCCUR.



NORTH COUNTY
FUEL DEPOT
PRELIMINARY/FINAL SITE PLAN
GENERAL NOTES & LEGEND

NO.	REVISION DESCRIPTION	BY	DATE		
PROJECT #		501-0003602			
SURVEY #		20130801			
SEC./TWN./RGE		26,27,35/33S/18			
SCALE		SCALE BAR			
	BY	DATE			
SURVEYED	T. BOYLE	11/13/13			
DESIGNED	C.M.	03/10/14			
DRAWN	K.R.	03/10/14			
CHECKED	C.M.	04/4/14			
CHRISTOPHER MOWBRAY P.E.					
FLORIDA P.E. # 46777					
					
Signature & Date					
SHEET 2					



S:\PWD_Engineering_Share\Highway Engineering\PROJECTS\North County Fuel Depot\DWGS\NORTH COUNTY FUEL DEPOT SITE PLAN.dwg,SHEET 3 GNOTES, 2/10/2015 3:47 PM Karla Ripley, 1:1, 11 x 17

- ## CONSTRUCTION

25. CONTRACTOR IS RESPONSIBLE FOR ALL UNSUITABLE MATERIAL REMOVAL WITHIN PROJECT LIMITS. EXCAVATION, EMBANKMENT, INCLUDING UTILIZATION, AND UNSUITABLE MATERIAL REMOVAL SHALL BE IN ACCORDANCE WITH FDOT DESIGN STANDARDS, LATEST VERSION.
26. WHERE EXCAVATION IS REQUIRED FOR CONSTRUCTION OF SIDEWALK, ALL STUMPS, ROOTS, ETC. SHALL BE REMOVED COMPLETELY FROM THE SIDEWALK AREA. ALL STUMPS WITHIN THE PROJECT LIMITS SHALL BE REMOVED COMPLETELY AND REPLACED WITH COMPACTED BACKFILL BEFORE THE AREA IS FILLED. TREE ROOTS IN AREA OF PROPOSED SIDEWALK, RAMP, OR DRIVEWAY REPLACEMENT SHALL BE GROUND OUT TO A DEPTH OF 6" BELOW BOTTOM OF NEW SIDEWALK OR DRIVEWAY. ALL PRUNED ROOT DEBRIS SHALL BE REMOVED FROM THE SUB-BASE MATERIAL PRIOR TO POURING CONCRETE, ASPHALT, OR APPLICATION OF OTHER SPECIFIED MATERIALS. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
27. ALL STUMPS, ROOTS, AND OTHER DEBRIS PROJECTING THROUGH OR APPEARING ON THE SURFACE OF THE GROUND SHALL BE REMOVED TO A DEPTH OF 1-FOOT BELOW THE COMPLETED SURFACE. THIS WORK SHALL BE INCLUDED IN AND PAID FOR UNDER THE PAY ITEM FOR CLEARING AND GRUBBING.
28. ALL MATERIALS NOT CLAIMED BY THE COUNTY SHALL BECOME PROPERTY OF THE CONTRACTOR, AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY THE CONTRACTOR. THIS WORK SHALL BE INCLUDED IN AND PAID UNDER THE PAY ITEM CLEARING AND GRUBBING.
29. THE CONTRACTOR SHALL PROVIDE ALL SHEETING, SHORING, AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES OR TO MINIMIZE TRENCH WIDTH. WHERE A SEPARATE PAY ITEM IS NOT PROVIDED, THE COST OF ALL SHEETING, SHORING, AND BRACING REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING, AND BRACING IS REQUIRED.
30. THE CONTRACTOR SHALL DISTURB NO MORE GROUND THAN WHAT IS NECESSARY FOR CONSTRUCTION, NO OPEN EXCAVATED TRENCH, OR OTHER UNSAFE CONDITION WILL BE LEFT OVERNIGHT. ALL WORK SITES WILL BE COMPLETELY RESTORED WITHIN SEVEN (7) CALENDAR DAYS OF THE CONCRETE POUR FOR SIDEWALK. THE INTENT OF THIS PROVISION IS TO "SAFE-UP" THE PROJECT SITE AS WORK PROGRESSES, AND SHALL INCLUDE REMOVING FORMS, FILLING HOLES, GRADING, AND REMOVAL OF DEBRIS.
31. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED IN THE PLANS, OR AS DIRECTED BY THE ENGINEER.

- ## CONTACTS

VERIZON FLORIDA INC.
WAYNE SUMNER
1701 RINGLING BLVD.
SARASOTA, FL. 34236
(941) 330-9203
WAYNE.SUMNER@verizon.com

PROJECT #		501-0003502	
SURVEY #		20130801	
SEC/TW/AGE		25.27.35/33S/18	
SCALE		SCALE BAR	
★	BY	DATE	
SUBMITTED	BOYLE	1/24/13	
DESIGNED	C.M.	05/16/14	
DRAWN	K.R.	03/18/14	
CHECKED	C.M.	04/14/14	
CHRISTOPHER MOWBRAY P.E.			
FLORIDA P.E. # 46777			

Signature & Date

SHEET 3

Topographic Survey

of a portion of 69th Street East for
the Fuel Station
In Sections 26, 27 & 35, Township
33 South, Range 18 East
Manatee County, Florida

Control Point #4
Set 5/8" Iron Rod
Stamped
"MANATEE CO. TRAV. POINT"
N:1177931.84
E:502337.39
Elev.=28.59'

- NOTES:**
1. Unless noted, locations limited to - observable, above ground improvements, no underground improvements have been located except those shown hereon. Some features may be exaggerated for clarity. Dimensions shown supersede scaled dimensions.
 2. This survey does not certify or warranty: title, zoning, easements, or freedom of encumbrances.
 3. No instruments of record reflecting easements, rights-of-way and/or ownership are known by, or were furnished this surveyor except as shown hereon.
 4. This survey meets the requirements of Chapter 5J-17, Florida Administrative Code, as it pertains to Topographic Surveys.
 5. This drawing is not valid without the original raised seal and signature of the Florida Registered Surveyor & Mapper shown hereon. An electronic copy of this drawing must be verified with a signed and sealed drawing of the same.
 6. Any additions or deletions to this sketch of survey by other than the signing party without written consent of the signing party is prohibited.
 7. Subject to easements, dedications and restrictions of record not provided to the surveyor and mapper.
 8. This survey does not reflect or determine ownership.
 9. All measurements shown hereon are ground field measured unless specifically annotated, noted or otherwise stated on this sketch of survey.
 10. The Bearing Basis for this Survey is a traverse line between Control Point #3 and Control Point #4, which bears N60°07'26"E. The Coordinates shown hereon are based on Control Point "PLUMB BOB 2009" National Geodetic Survey "OPUS" Point Identification Number "BBCJ88" and Control Point "TRAVERSE 2009" National Geodetic Survey "OPUS" Point Identification Number "BBCN93" both are "NAD_83(2011)" derived using Real Time Kinematics Method with the Florida Department of Transportation Permanent Reference Network. Coordinates are not geodetic control.
 11. The Elevations shown hereon are based on Manatee County Benchmark 133-29-05, published Elevation 31.969', National Geodetic Vertical Datum 1929 (NGVD29), and checked against Benchmark 133-29-06, published Elevation 28.866', (NGVD29). Conversion to NAVD88 (North American Vertical Datum) via VERTCON in Minus -0.961'.
 12. Parcel information shown hereon was gathered from the Manatee County Geographic Information Systems property locator web site.
 13. This survey is intended to be plotted at a scale of 1"=30' on a 22"x34" or scale: 1"=60' on a 11"x17".
 14. The 2012 Raster Image of Manatee County was provided by Manatee County Geographic Information Systems Division and has been incorporated into this survey for demonstrative purposes only.
 15. Specific Utilities & noted Line Work referenced in the drawing to this note (See Note #15) were brought into this drawing from a Survey Cad file provided by George F. Young. The actual location of these utilities were not confirmed by this Topographic Survey and must be verified.

THIS SKETCH OF SURVEY PREPARED FOR: MANATEE COUNTY

ON FILE

Todd E. Boyle, RSM 6047

DATE OF SIGNATURE

FLORIDA REGISTERED SURVEYOR & MAPPER

MANATEE COUNTY PROPERTY
MANAGEMENT DEPARTMENT
SURVEY DIVISION



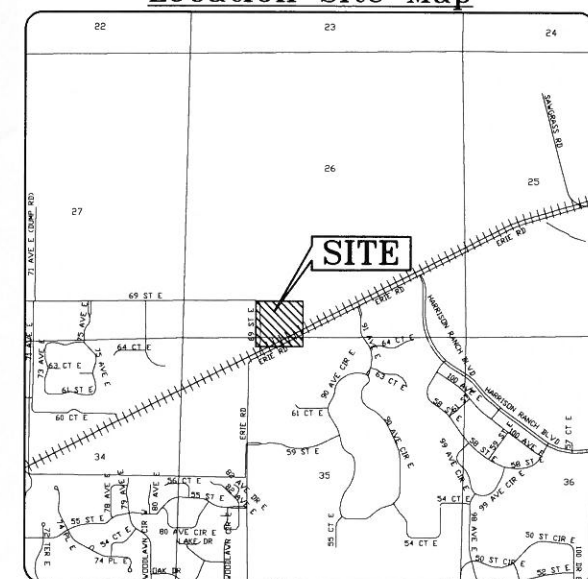
1112 MANATEE AVENUE WEST
BRADENTON, FLORIDA, 34205.
(941)748-4501

REVISIONS	DESCRIPTION	DATE

Legend:	
BWF	= Barbed Wire Fence
CL	= Centerline
CLF	= Chain Link Fence
ELEV.	= Elevation
EP	= Edge of Asphalt Pavement
ES	= Edge of Shell
ID	= Identification
INV.	= Invert
FCM	= Found Concrete Monument
FIP	= Found Iron Pipe
FIR	= Found Iron Rod
FND	= Found Nail and Disk
IRS	= Iron Rod Set
NDS	= Nail and Disk Set
NMF/S	= No Monument Found/Set
OE	= Overhead Utility Line
R/W	= Right-of-Way
VF	= Vinyl Fence
WF	= Wood Fence
WH	= Wood Hydrant
GA	= Guy Anchor
MB	= Mailbox
SI	= Sign
SH	= Sprinkler Head
WUP	= Wood Utility Pole
WM	= Water Meter
WB	= Wood Bollards (Sizes Vary)

Tree Legend:	
	= Oak Tree
	= Palm Tree
	= Pine Tree
	= Bush
	= Unknown Tree
Size in Inches Diameter Breast Height	

Location Site Map



Topographic Survey

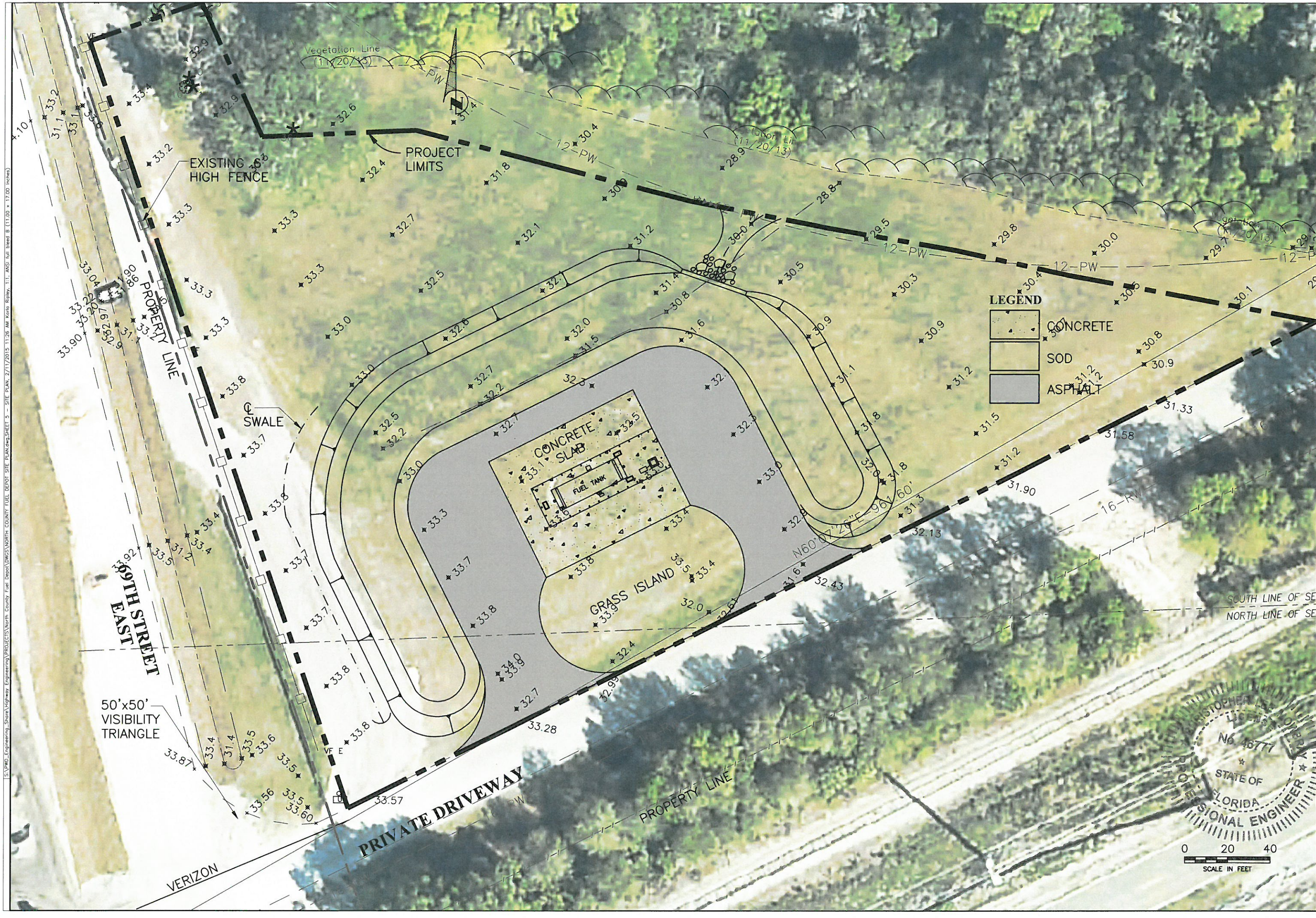
69th Street East
for the Fuel Station

In Sections 26, 27 & 35,
Township 33 South, Range
18 East
Manatee County, Florida

Field Date: 11/13/13
DWG. Date: 11/20/13
DWG. Path: s:\SURVEY\2013
Jobs\08_Aug 13\20130801
69th Street East Topo for Fiber
Optics\CAD_DWG's\Erie and
69th fuel site
Sheet: 4
Checked By: TEB
Drawn By: PC

S:\PMD\Engineering\Share\Highway Engineering\PROJECTS\North County Fuel Depot\DWG\North County Fuel Depot Site Plan.dwg SHEET 5 - SITE PLAN 2/11/2015 11:26 AM Terra Group, L.L.C. ANSI full bleed B (11.00 x 17.00 inches)

**NORTH COUNTY
FUEL DEPOT
PRELIMINARY/FINAL SITE PLAN
FINAL SITE PLAN W/AERIAL**



NO.	REVISION DESCRIPTION	BY	DATE
1	DELETED EMERGENCY GENERATOR & PIPE	CM	1/12/15

PROJECT #	501-0003602
SURVEY #	20130801
SEC./TWN./RGE	26,27,35/33S/18
SCALE	SCALE BAR
BY	DATE
T. BOYLE	11/13/13
DESIGNED	C.M. 03/10/14
DRAWN	K.R. 03/10/14
CHECKED	C.M. 04/4/14

CHRISTOPHER MOWBRAY P.E.
FLORIDA P.E. # 46777
Ch Mowbray
2/11/15
Signature & Date
SHEET 5



PROJECT AREA=0.97 ACRE
PRE-DEVELOPED FLOW RATE=3.0 CFS
POST-DEVELOPED FLOW RATE=1.48 CFS

DETENTION POND
DHWL EL=32.93
BOT. EL=32.0
TOB EL=33.5
DITCH BOT. AREA=10,526 SF (0.242 ACRE)
BANK AREA=17,690 SF (0.406 ACRE)

OUTFALL CONTROL STRUCTURE
CONSTR. 16 LF WEIR WALL
TOP OF WEIR EL.=33.0
WEIR EL.=32.3
(SEE SECTION D-D)

LEGEND

- CONCRETE
- SOD
- ASPHALT

PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES
1022 26th Avenue East, Bradenton, FL 34208

**NORTH COUNTY
FUEL DEPOT
PRELIMINARY/FINAL SITE PLAN
PAVING, GRADING & DRAINAGE PLAN**

NO.	REVISION DESCRIPTION	BY	DATE
	DELETED EMERGENCY GENERATOR & PIPE	CM	1/12/15
		CM	1/12/15

PROJECT # 501-0003602

SURVEY # 20130801

SEC./TWN./RGE 26,27,35/33S/18

SCALE SCALE BAR

BY	DATE
T. BOYLE	11/13/13
C.M.	03/10/14
K.R.	03/10/14
C.M.	04/4/14

CHRISTOPHER MOWBRAY P.E.

FLORIDA P.E. # 46777

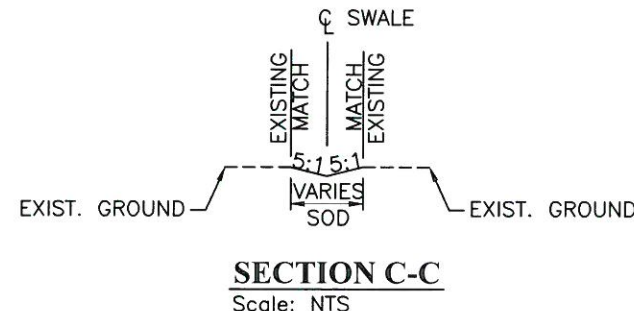
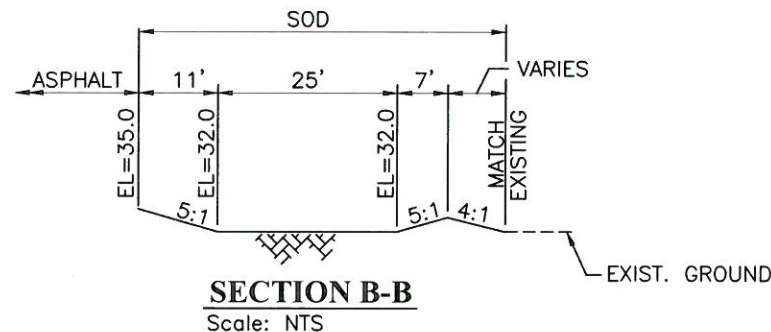
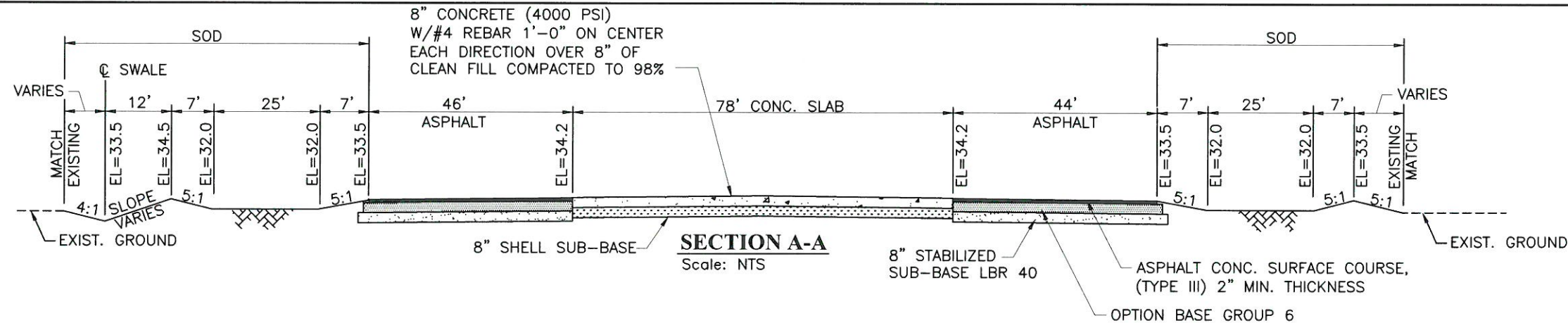
Chris Mowbray
2/11/15

Signature & Date

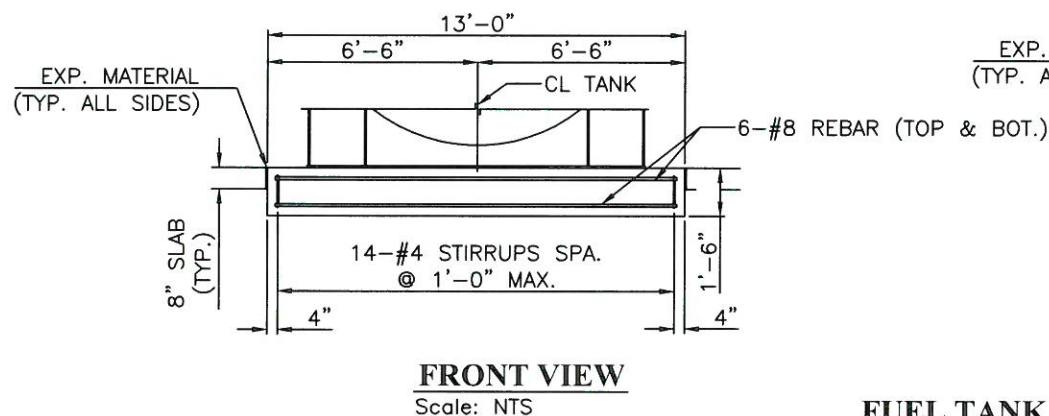
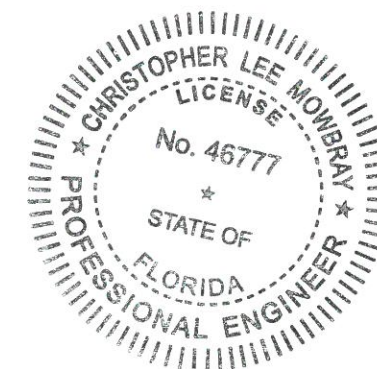
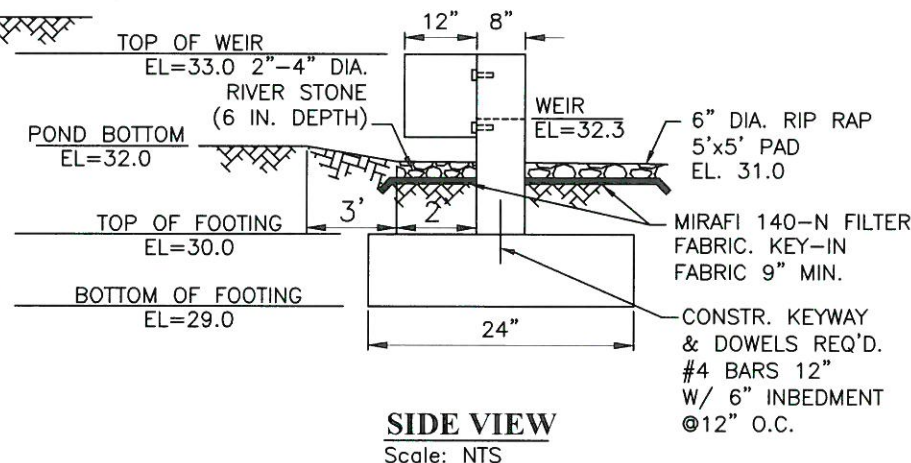
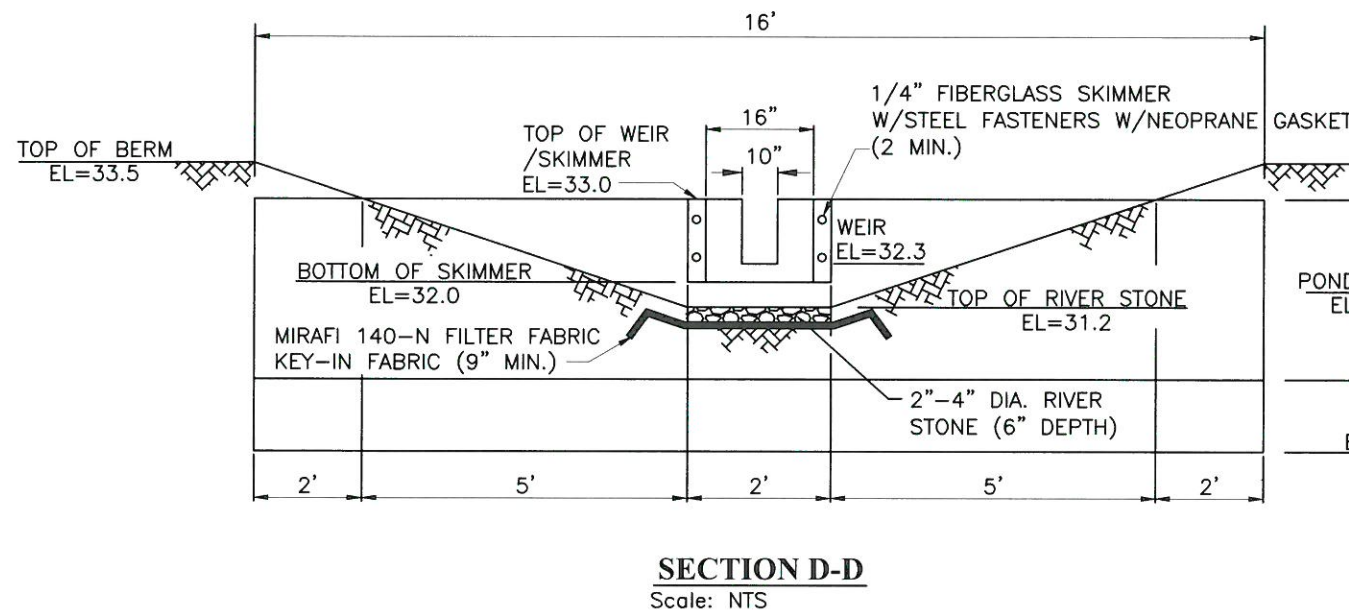
SHEET 6

S:\P\01-Engineering_South Highway Engineering\Projects\North County Fuel Depot\UNGS\NORTH COUNTY FUEL DEPOT SITE PLAN.dwg SHEET 7, 2/17/2015 1:20 PM Kays Bailey, 1:1, ANSI full bleed 8 (11.00 x 17.00 inches)

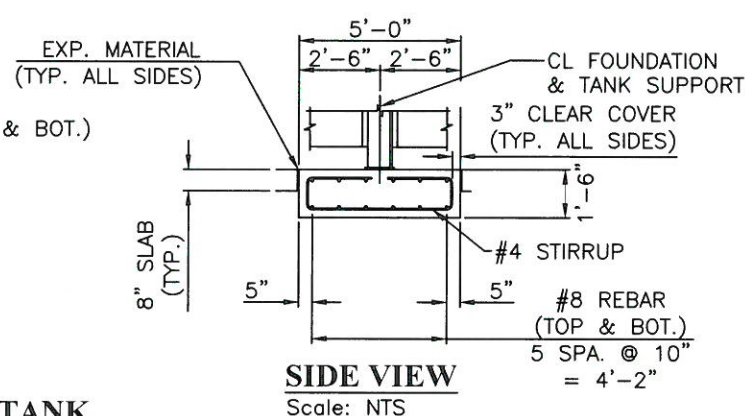
**NORTH COUNTY
FUEL DEPOT
PRELIMINARY/FINAL SITE PLAN
SECTIONS & CONSTRUCTION DETAILS**



NOTE: SOD ALL DISTURBED AREAS.



**FUEL TANK
FOUNDATION DETAIL**



NOTES:

1. THE SOIL LOCATED BELOW EACH TANK FOUNDATION SHALL FOLLOW PROJECT SPECIFIC SOIL PREPARATION RECOMMENDATIONS GIVEN IN THE SUBSURFACE SOIL EXPLORATION REPORT PROVIDED BY ARDAMAN & ASSOCIATES, INC.
2. MATERIAL PROPERTIES:
CONCRETE (MIN. 28-DAY STRENGTH) = 4,000 PSI
REINFORCING STEEL (MIN. YIELD STRENGTH) = 60 KSI
3. THE TANK SHALL BE ANCHORED TO EACH FOUNDATION PER MANUFACTURES RECOMMENDATIONS.
4. THE TANK SHALL BE INSTALLED A MINIMUM OF 7 DAYS AFTER THE COMPLETION OF CONSTRUCTION FOR THE SECOND TANK FOUNDATION AND THE TANK SHALL REMAIN EMPTY UNTIL MIN. 28-DAY STRENGTH OF THE CONCRETE IS ATTAINED.



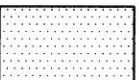
NO.	REVISION DESCRIPTION	BY	DATE
1	REVISION TO ASPH. CONC. WEIR & POND ELEVATIONS.	CM	1/12/15
2	REVISION TO ELEVATIONS ON TYPICAL SECTIONS.		
3	CHANGED NOTE ON SECTION A-A & ADDED FUEL TANK FOUNDATION DETAIL		
PROJECT # 501-0003602			
SURVEY # 20130801			
SEC./TWN./RGE 26,27,35/33S/18			
SCALE SCALE BAR			
		BY	DATE
SURVEYED		T. BOYLE	11/13/13
DESIGNED		C.M.	03/10/14
DRAWN		K.R.	03/10/14
CHECKED		C.M.	04/4/14
CHRISTOPHER MOWBRAY P.E.			
FLORIDA P.E. # 46777			
Signature & Date			
SHEET 7			

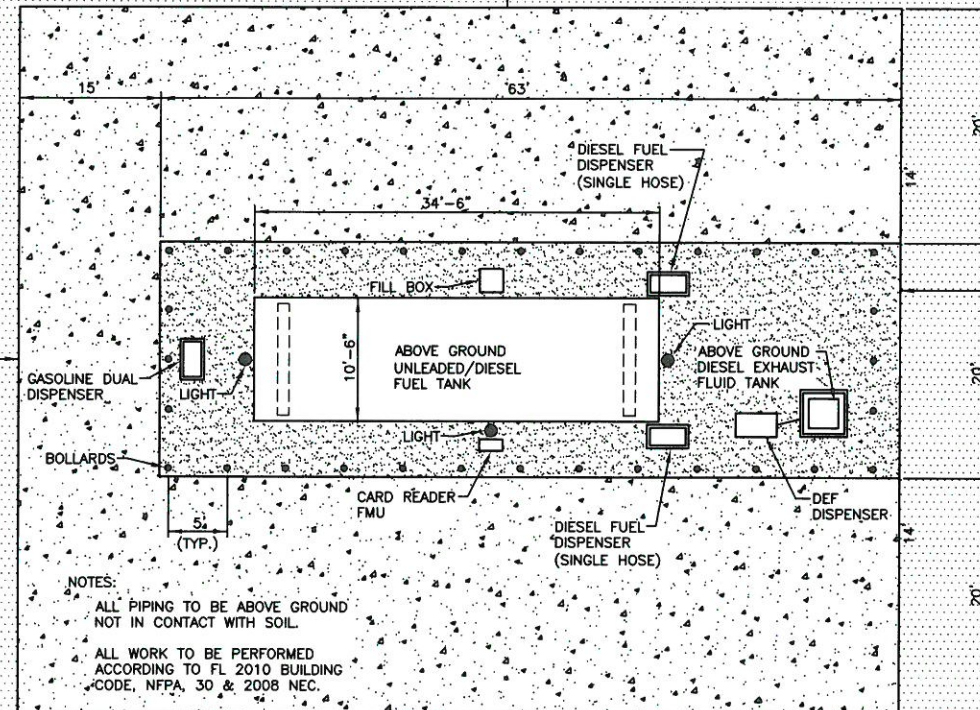
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**NORTH COUNTY
FUEL DEPOT
PRELIMINARY/FINAL SITE PLAN
FUEL TANK SITE PLAN**

PAY LIMIT
FOR SWALE CROSSING

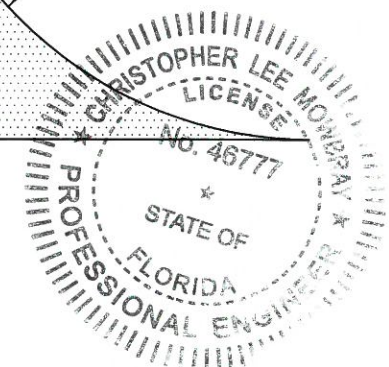
LEGEND

-  CONCRETE DRIVE SLAB
-  CONCRETE TANK SLAB
-  ASPHALT PAVEMENT



NOTES:
ALL PIPING TO BE ABOVE GROUND
NOT IN CONTACT WITH SOIL.
ALL WORK TO BE PERFORMED
ACCORDING TO FL 2010 BUILDING
CODE, NFPA 30 & 2008 NEC.

EXISTING ASPHALT ROAD

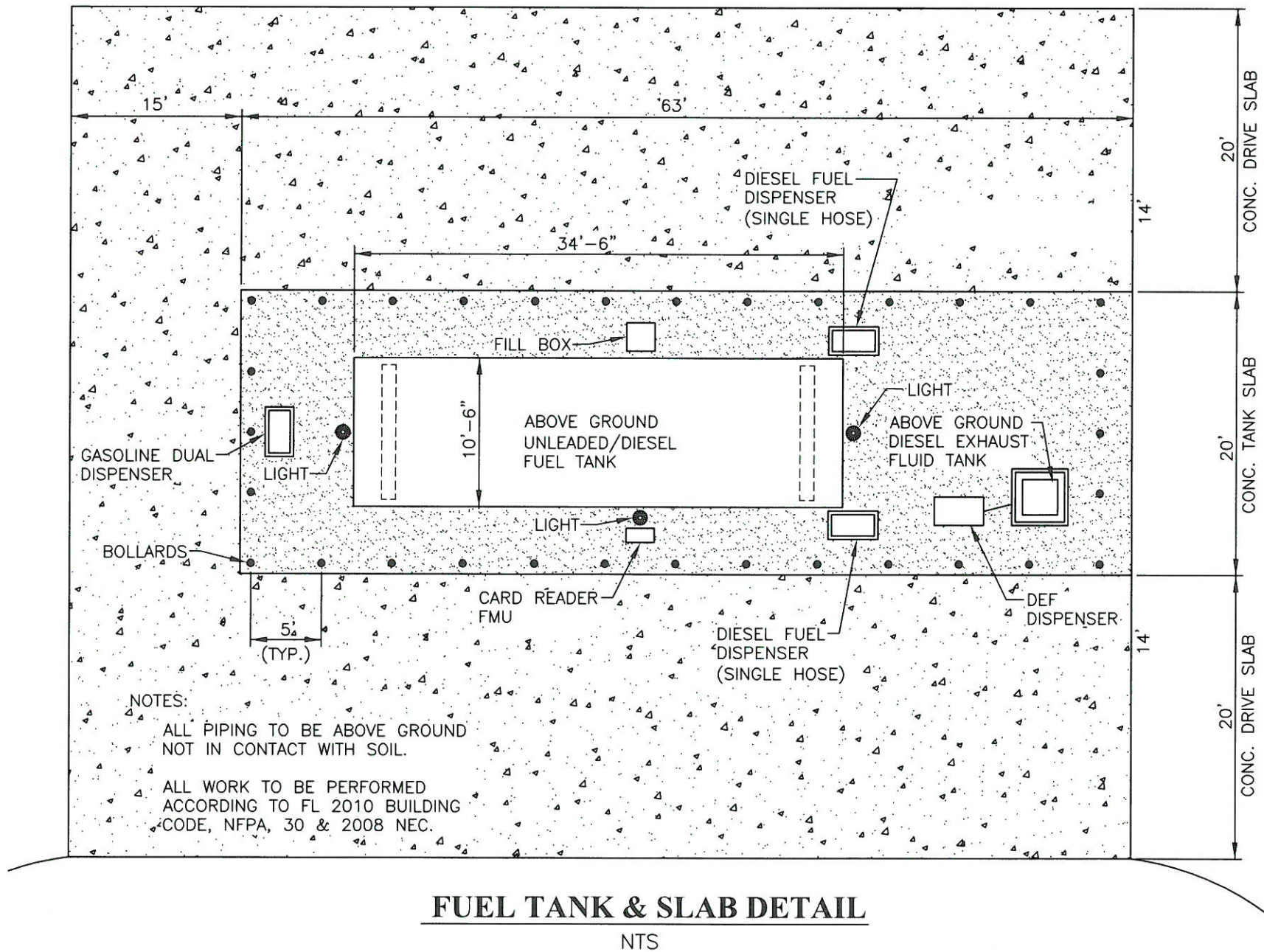


NO.	REVISION DESCRIPTION	BY	DATE
1	DELETED EMERGENCY GENERATOR & PIPE REMOVED (DESIGNED BY OTHERS) IN LEGEND	CM	1/12/15
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Signature & Date
SHEET 8

NORTH COUNTY
FUEL DEPOT
PRELIMINARY/FINAL SITE PLAN
FUEL TANK/SLAB DETAILS/LIGHTING

NO.	REVISION DESCRIPTION	BY	DATE
1	DELETED EMERGENCY GENERATOR & PIPE	CM	1/12/15
PROJECT #		501-0003602	
SURVEY #		20130801	
SEC./TWN./RGE		26,27,35/33S/18	
SCALE		N.T.S.	
		BY	DATE
SURVEYED		T. BOYLE	11/13/13
DESIGNED		C.M.	03/10/14
DRAWN		M JONES	12/04/13
CHECKED		C.M.	04/4/14
C. Mowbray 46777 FLORIDA P.E. # 2/1/15			
Signature & Date			
SHEET 9			



Template Print

Page 1 of 1

Visual - Template Tool

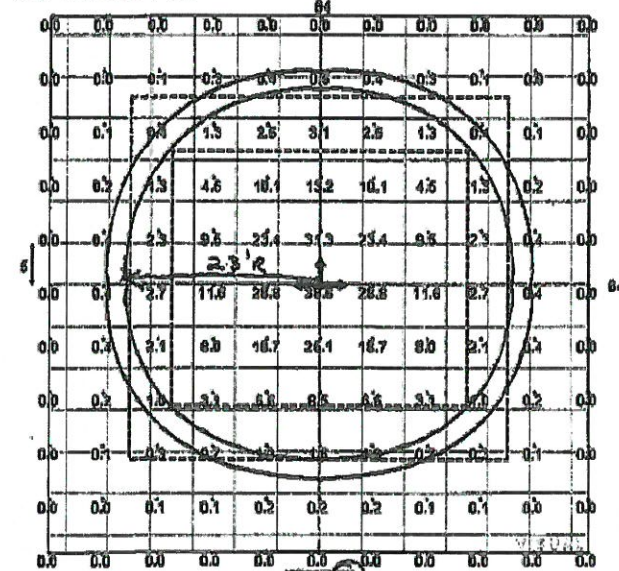
Design Information
Project NORTH COUNTY FUEL DEPOT
Description LIMITS OF 1 FOOT CANOUE LIGHT DISTRIBUTION

Name
Company
Phone
Email

Tuesday, April 15, 2014

AcuityBrands.

[A] - DSXF2 LED 3 40K



MANUFACTURER MODEL

[A] - DSXF2 LED 3 40K



Manufacturer
Lamp Lumens
Lamp Quantity
Light Loss Factor
Input Power
Max Illuminance

Lithonia Lighting Configuration
9581 Orientation
1 Mounting Height
1 Arm Length
0 Tilt
39 Area & 11c

Triple
Triple
16 FEET
8 FEET
0
1689 SF

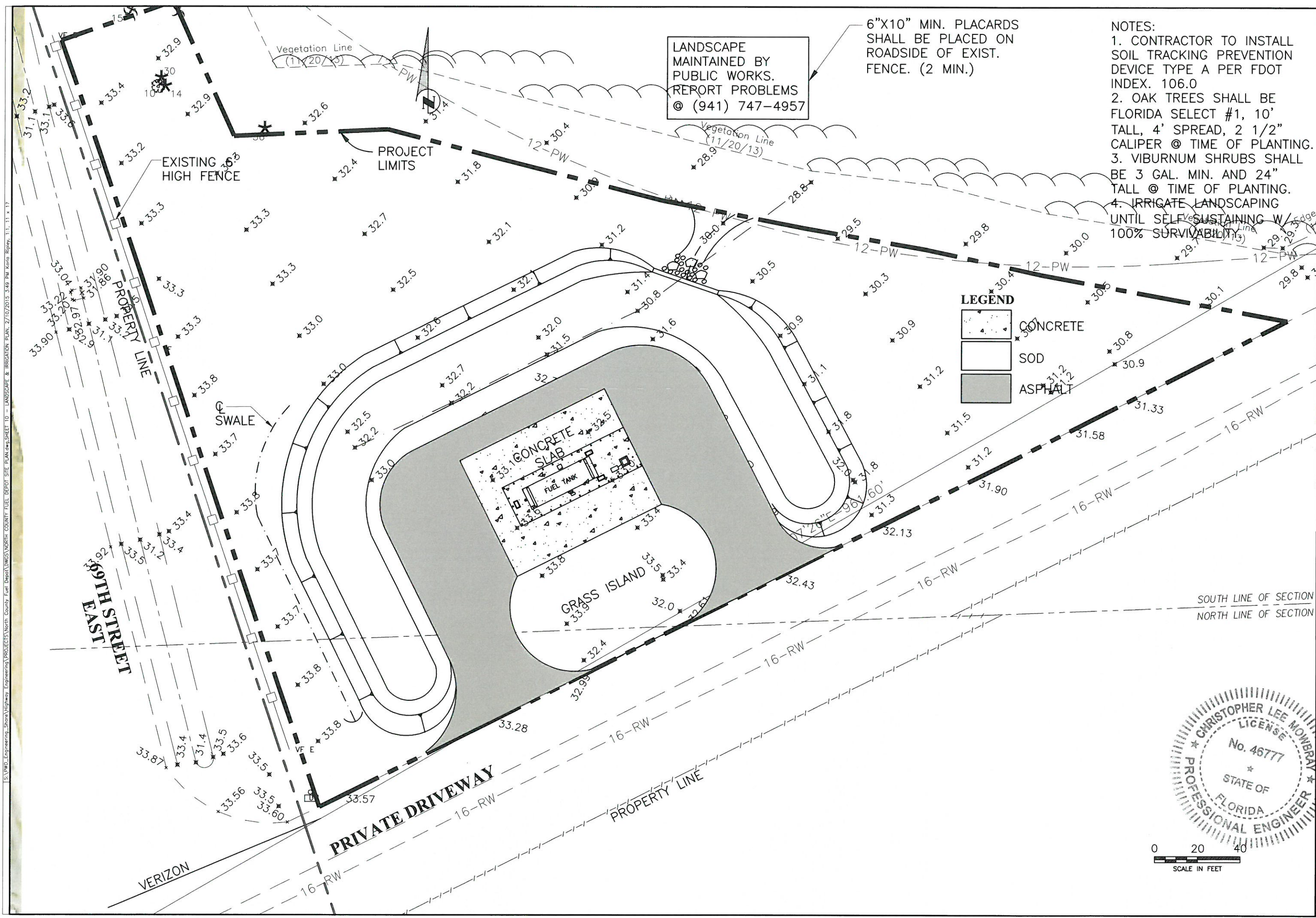
These lighting calculation results are for general information only and are provided without warranty as to accuracy, completeness, reliability or otherwise. Results are based on other provided data and data provided from publicly available sources; actual field conditions may affect calculated output. Visit www.lithonia-lighting.com.

<http://www.visual-3d.com/tools/template/Print.aspx?SessionID=2124346>

4/15/2014

LITHONIA LIGHTING PHOTOMETRICS

S:\P\WD_Engineering_Shore\Highway_Engineering\PROJECTS\North County Fuel Depot\DWGS\NORTH COUNTY FUEL DEPOT SITE PLAN.dwg SHEET 10 - LANDSCAPE & IRRIGATION PLAN 2/10/2015 3:40 PM Kara Ripley, 1:1, 11 x 17



LANDSCAPE
MAINTAINED BY
PUBLIC WORKS.
REPORT PROBLEMS
© (941) 747-4957

6"X10" MIN. PLACARDS
SHALL BE PLACED ON
ROADSIDE OF EXIST.
FENCE. (2 MIN.)

- NOTES:
1. CONTRACTOR TO INSTALL SOIL TRACKING PREVENTION DEVICE TYPE A PER FDOT INDEX. 106.0
 2. OAK TREES SHALL BE FLORIDA SELECT #1, 10' TALL, 4' SPREAD, 2 1/2" CALIPER @ TIME OF PLANTING.
 3. VIBURNUM SHRUBS SHALL BE 3 GAL. MIN. AND 24" TALL @ TIME OF PLANTING.
 4. IRRIGATE LANDSCAPING UNTIL SELF-SUSTAINING W/ 100% SURVIVABILITY.

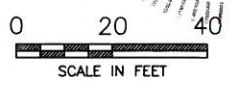
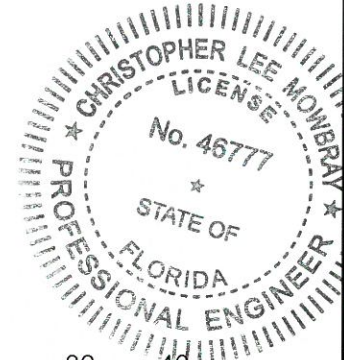
LEGEND

- CONCRETE
- SOD
- ASPHALT



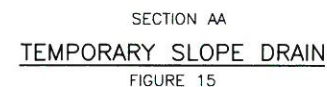
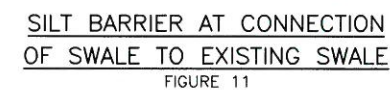
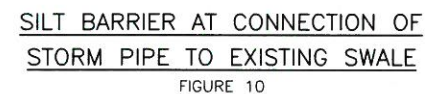
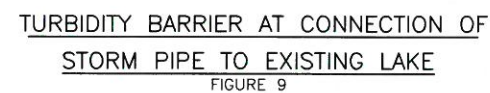
NORTH COUNTY
FUEL DEPOT
PRELIMINARY/FINAL SITE PLAN
LANDSCAPE/IRRIGATION/BMP/US PLAN

REVISION	DESCRIPTION	DATE
NO.	DELETED	EMERGENCY GENERATOR & PIPE
PROJECT #	501-0003602	
SURVEY #	20130801	
SEC./TWN./RGE	26,27,35/33S/18	
SCALE	SCALE BAR	
SURVEYED	T. BOYLE	11/13/13
DESIGNED	C.M.	03/10/14
DRAWN	K.R.	03/10/14
CHECKED	C.M.	04/4/14
CHRISTOPHER MOWBRAY P.E.		
FLORIDA P.E. # 46777		
Signature & Date		
SHEET 10		

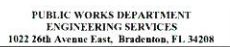




TYPICAL SILT FENCE
FIGURE 2



NOTE:
REFERENCE THE FDOT DESIGN STANDARDS
LATEST EDITION FOR ALL TEMPORARY
EROSION CONTROL MEASURES.



**NORTH COUNTY
FUEL DEPOT
PRELIMINARY/FINAL SITE PLAN
BEST MANAGEMENT PRACTICES DETAILS**

[illegible]