

COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT S:\P\10_Engineering_Shore\Util_Eng_Design\Proj\10-SAN_Proj\San_Swr - LS_Upgrade\Draws\2010_Espec\2010_Spec\2010_Spec_2.dwg, General Notes & Legend, 9/10/2010 11:09 AM, Shree Shoun, LT, ARCH, full bleed, D: 06.00 x 24.00 (inches)

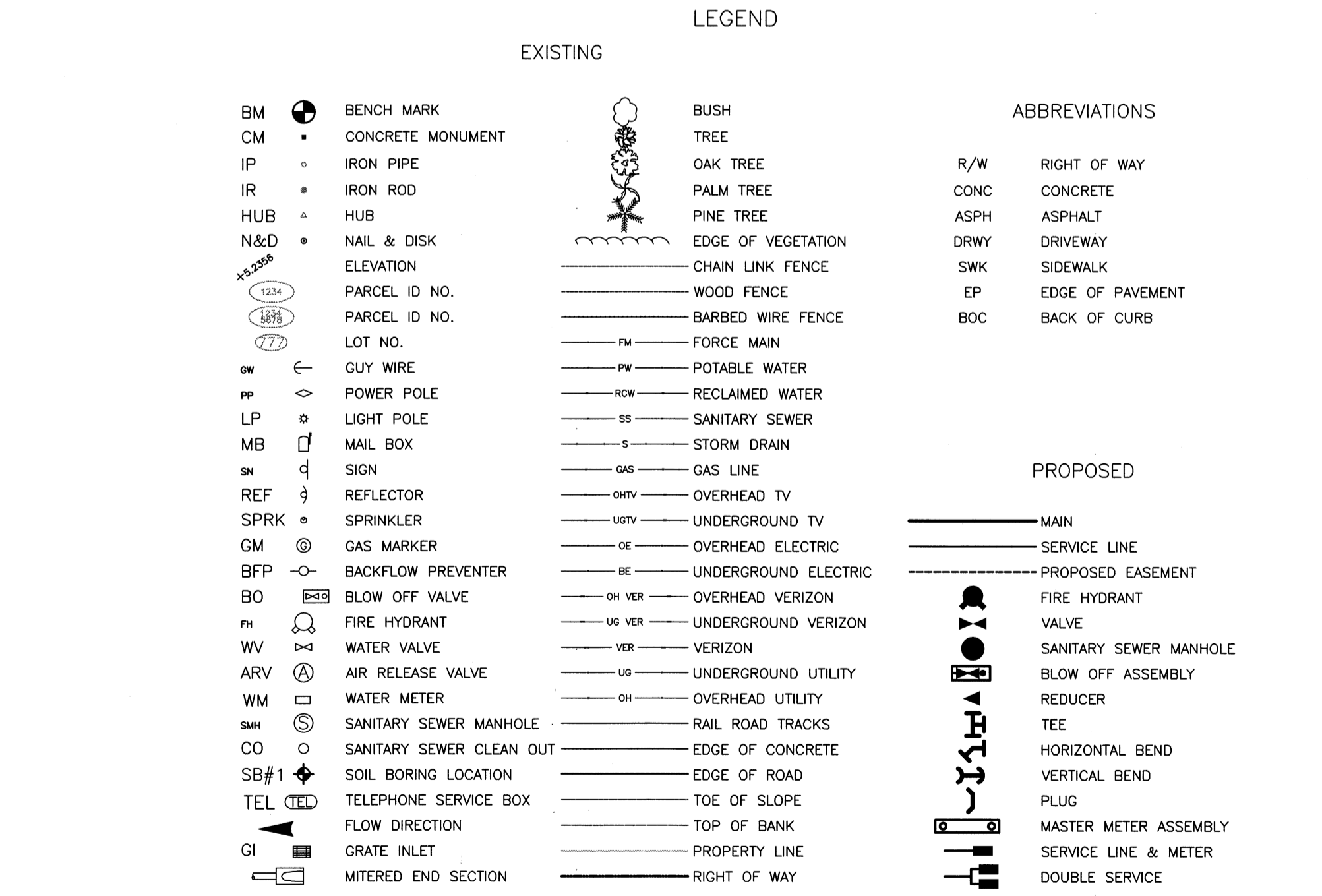
- GENERAL**
- ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE PROJECT MANAGEMENT DIVISION. THE PROJECT MANAGER IS: SAL BORDONARO AND CAN BE REACHED AT (941) 708-7450; EXT. 7341
 - SITE VISITS ARE MANDATORY FOR ALL BIDDERS. THESE SITE VISITS CAN BE ARRANGED THROUGH THE PROJECT MANAGER.
 - ALL CONSTRUCTION ON THIS PROJECT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF MANATEE COUNTY UTILITY STANDARDS & SPECIFICATIONS, TRANSPORTATION STANDARDS AND/OR FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" UNLESS OTHERWISE INDICATED ON THE PLANS.
 - VERTICAL CONTROL FOR THIS PROJECT WAS ESTABLISHED BY A MINIMUM OF TWO REFERENCE BENCHMARKS DESCRIBED ON THE "THE NATIONAL GEODETIC VERTICAL DATUM OF 1929". (NGVD '29).
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.
- SAFETY**
- 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.
 - THE CONTRACTOR SHALL USE SHEET PILING, SHEETING, BRACING, ETC., AS REQUIRED IN ALL EXCAVATION AREAS AND CONFORM TO ALL OSHA REQUIREMENTS.
 - THE CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND UTILITIES, POWER LINES, ETC.
 - THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THIS EXCLUSION DOES NOT ALLEVIATE THE CONTRACTOR FOR PROVIDING A CONTINUOUS SAFE WORKSPACE.
- ENVIRONMENTAL**
- WHEN A BENTONITE SPILL OR FRACK-OUT OCCURS OR THERE IS A LOSS OF RETURN INDICATING EXCESSIVE SEEPAGE OR LOSS OF DRILLING FLUID, DRILLING MUST BE STOPPED UNTIL THE LOCATION OF THE SPILL IS IDENTIFIED. UNDER NO CIRCUMSTANCES WILL DRILLING CONTINUE WHEN A SPILL IS APPARENT.
 - ONCE LOCATED, THE BENTONITE SPILL MUST BE ISOLATED AND SEEPAGE INTO ANY NEARBY WATER BODIES WILL BE BLOCKED DEPENDING ON THE DEGREE OF THE SPILL, THE ISOLATED BENTONITE MUST BE REMOVED MANUALLY OR MECHANICALLY AND DISPOSED OF BY APPROPRIATE MEANS OR REUSED.
 - THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY STORM WATER, EROSION, AND SEDIMENTATION CONTROL MEASURES IN ACCORDANCE WITH THE FDEP "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.
 - 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.
 - 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.
 - 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.
 - 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.
 - 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.
 - ALL EROSION AND POLLUTION CONTROL DEVICES SHALL BE CHECKED REGULARLY, ESPECIALLY AFTER EACH RAINFALL AND SHALL BE CLEANED OUT AND/OR REPAIRED AS REQUIRED.
 - 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.
 - FOR MORE INFORMATION, SEE THE EROSION CONTROL DETAIL SHEET INCLUDED IN THE PLANS.
- RIGHT-OF-WAY**
- ALL CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO WITHIN THE MANATEE COUNTY/FDOT RIGHT-OF-WAY AND/OR EASEMENTS SHOWN ON THE DRAWINGS.
 - 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.
 - 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.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ALL DAMAGED STORM WATER STRUCTURES, PIPING, ENTRANCE PIPE AND HEADWALLS WHETHER SHOWN ON THE PLANS OR NOT. THE HEADWALLS SHALL BE REPLACED IN ACCORDANCE WITH F.D.O.T. STANDARDS.
 - 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.
 - 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 SECTION 02575.

- 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**
- 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.
 - 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.
 - THE CONTRACTOR SHALL USE APPROPRIATE TECHNIQUES, AS APPROVED, RECOMMENDED OR OFFERED BY FLORIDA POWER AND LIGHT 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.
 - ANY TEMPORARY SHUTDOWNS FOR MODIFICATIONS OF EXISTING UTILITY 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.
 - FOR WORK BEING DONE ON EXISTING SANITARY SEWER LINES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE FLOW OF ALL SEWAGE DURING CONSTRUCTION, WHICH MAY REQUIRE BY-PASS PUMPING AND/OR PUMPER TRUCKS. THE CONTRACTOR SHALL SUBMIT A DETAILED BY-PASS PUMPING PLAN PER SECTION 02720.
- RESTORATION**
- ALL RESTORATION WORK PERFORMED THROUGHOUT THE PROJECT SHALL CONFORM TO EXISTING LINES AND GRADES UNLESS SHOWN OTHERWISE.
 - ALL DISTURBED GRASSED AREAS SHALL BE SODDED OR SEEDED UNLESS OTHERWISE INDICATED. THE TYPE OF SOD USED TO REPLACE OWNER MAINTAINED AREAS IN RIGHT-OF-WAY SHALL BE COORDINATED WITH THE PROPERTY OWNER.
 - ALL CONCRETE THRUST BLOCKS INSTALLED FOR TESTING PURPOSES AND NOT REQUIRED FOR THE OPERATION OF THE PIPELINE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR, PRIOR TO FINAL ACCEPTANCE, AT NO ADDITIONAL COST TO THE OWNER.
 - ASPHALT DRIVES THAT ARE CUT SHALL BE RESTORED PER SECTION 02513.
 - CONCRETE DRIVEWAYS OR SIDEWALKS THAT ARE CUT SHALL BE RESTORED TO MATCH EXISTING ACCORDING TO THE CURRENT EDITIONS OF THE F.D.O.T. SPECIFICATIONS FOR ROAD AND BRIDGE DESIGN, SECTION 522, AND SECTION 310 OF THE F.D.O.T. DESIGN STANDARDS.
 - WHENEVER A PERMANENT ROADWAY SURFACE IS NOT PLACED IMMEDIATELY AFTER BACKFILLING AND COMPACTION OF THE NEWLY INSTALLED PIPE LINE IN AREAS WHERE TRAFFIC MUST PASS, THE CONTRACTOR SHALL INSTALL A TEMPORARY SURFACE CONSISTING OF NINE INCHES OF COMPACTED LIME ROCK BASE AND A COAT OF ASPHALT EMULSION. PERMANENT ROADWAY REPAIR SHALL BE PERFORMED A MAXIMUM OF TWENTY-ONE CALENDAR DAYS AFTER THE INITIAL OPEN CUTTING.
 - RESTORATION OF CURBS, DRIVEWAYS, SIDEWALKS, AND PLACEMENT OF SOD SHALL BE COMPLETED WITHIN FORTY-FIVE CALENDAR DAYS OF INITIAL DISTURBANCE, OR TWENTY-ONE CALENDAR DAYS OF SUBSTANTIAL COMPLETION, WHICHEVER OCCURS FIRST.
- CONSTRUCTION**
- THE EXHAUST SYSTEM OF ALL GASOLINE AND DIESEL ENGINES SHALL BE EQUIPPED WITH MUFFLERS THAT MEET THE EQUIPMENT MANUFACTURER'S REQUIREMENTS FOR NOISE SUPPRESSION. THE CONTRACTOR SHALL INSTALL NOISE ABATEMENT Baffles POSITIONED TO BREAK LINE-OF-SITE FROM THE NOISE SOURCE TO AFFECTED RESIDENCES, AS APPROVED BY THE ENGINEER.
 - NO MATERIAL SHALL BE STOCKPILED IN ROADWAYS. ALL DIRT AND DEBRIS SHALL BE REMOVED FROM THE JOB SITE DAILY. ROADS SHALL BE SWEEP DAILY AS PART OF DAILY CLEAN UP.
 - THE CONTRACTOR IS TO CONTROL ALL FUGITIVE DUST ORIGINATING ON THIS PROJECT BY WATERING OR OTHER METHODS AS REQUIRED.
 - INGRESS AND EGRESS TO ALL THE PROPERTIES IN THE CONSTRUCTION AREA SHALL BE MAINTAINED AT ALL TIMES.
 - PRIOR APPROVAL WILL BE REQUIRED FOR REMOVAL OF ANY TREE WITHIN THE CONSTRUCTION AREA.
 - THE CONTRACTOR SHALL PROVIDE ALL DEWATERING EQUIPMENT NECESSARY TO KEEP ALL EXCAVATIONS DRY. DEWATERING IS REQUIRED TO 18" BELOW TRENCH BOTTOM.
 - ALL PIPING AND FITTINGS USED ON THIS PROJECT SHALL BE AS NOTED ON THE PLANS AND IN THE CONTRACT DOCUMENT AND SHALL BE INSTALLED TO THE LINES AND GRADES SHOWN ON THE PLANS AND PROFILES.
 - ALL PIPE SHALL BE COLOR CODED TO CONFORM TO MANATEE COUNTY STANDARDS.
 - ALL PIPE AND FITTINGS SHALL BE INSTALLED AS RECOMMENDED BY THE MANUFACTURER AND ALL PIPE JOINTS SHALL BE RESTRAINED WHERE REQUIRED.
 - ALL FITTINGS FOR PRESSURE CLASS-RATED PIPE SHALL BE RESTRAINED DUCTILE IRON. RESTRAINED LENGTHS OF PIPE SHALL ADHERE TO THE REQUIREMENTS AS SHOWN ON THE DETAIL SHEETS.
 - WHERE IT IS NECESSARY TO DEFLECT PIPE EITHER HORIZONTALLY OR VERTICALLY, PIPE DEFLECTION SHALL NOT EXCEED 75% OF THE MANUFACTURER'S MAXIMUM ALLOWABLE RECOMMENDED DEFLECTION.
 - ALL PIPE LENGTHS ARE PLUS OR MINUS AND MAY BE ADJUSTED IN THE FIELD AS REQUIRED. PIPE MEASUREMENTS ARE TO CENTER OF STRUCTURES OR FITTINGS.
 - ALL ROCKS OR STONES LARGER THAN SIX INCH DIAMETER SHALL BE REMOVED FROM THE BACKFILL MATERIAL. BACKFILL MATERIAL PLACED WITHIN ONE FOOT OF PIPING AND APPURTENANCES SHALL NOT CONTAIN ANY STONES LARGER THAN TWO INCH DIAMETER.
 - ONLY MANATEE COUNTY UTILITY OPERATIONS STAFF ARE AUTHORIZED TO OPERATE VALVES ON COUNTY OWNED AND MAINTAINED UTILITY SYSTEMS.
 - ALL PENETRATION OF EXISTING STRUCTURES SHALL BE BY THE MECHANICAL ROTARY CORE BORING METHOD.
 - ALL CONCRETE PENETRATED OR DISTURBED SHALL BE COATED WITH TWO COATS OF EPOXY.
 - THE CONTRACTOR, PRIOR TO ANY TEMPORARY WATER SHUT-OFFS DURING WATER MAIN TIE-IN, ETC., SHALL NOTIFY THE AFFECTED RESIDENTS BY POSTING INFORMATIONAL SIGNS IN THE NEIGHBORHOOD AT LEAST TWO DAYS (48 HRS) PRIOR TO THE WATER SHUT-OFF. REFERENCE SECTION 01580, PARAGRAPH 1.03 OF THE SPECIFICATIONS. WHEN FEASIBLE, "DOOR HANGERS" SHALL BE DELIVERED TO AFFECTED RESIDENCES AT LEAST TWO DAYS (48 HRS) PRIOR TO WATER SHUT-OFF. FOR LARGE PROJECTS WITH HUNDREDS OF HOMES AFFECTED, THE CONTRACTOR SHALL ALSO MAKE EXTENSIVE USE OF THE MEDIA AND SHALL HAVE PRIOR CONTACT WITH HOMEOWNER'S ASSOCIATIONS. WRITTEN NOTIFICATIONS SHALL ALSO BE FAXED TO THE TAMPA TRIBUNE, BRADENTON HERALD, SARASOTA HERALD TRIBUNE, WBRD RADIO, EMERGENCY COMMUNITY CENTERS, INSPECTIONS, WATER TREATMENT PLANT, WATER MANAGER, HELPLINE, CUSTOMER SERVICE, AND THE MANATEE COUNTY UTILITY OPERATIONS DEPARTMENT.
 - ALL NEW PIPE LINES SHALL BE PIG CLEANED (4" AND LARGER), FLUSHED, PRESSURE TESTED, DISINFECTED AND CERTIFIED PRIOR TO TIE-INS TO EXISTING FACILITIES. THE CONTRACTOR WILL BE ALLOWED TO USE TEMPORARY PLUGS FOR PIG CLEANING AND PRESSURE TESTING.
 - ALL TEST POINT PIPING SHALL BE CUT LOOSE FROM THE CORPORATION STOP AND COMPLETELY REMOVED AND DISPOSED OF BY THE CONTRACTOR PRIOR TO FINAL ACCEPTANCE. A CORPORATION STOP PLUG SHALL BE INSTALLED AND THE CORPORATION STOP SHALL REMAIN IN PLACE.

- ALL EXISTING MAINS THAT ARE BEING REPLACED SHALL BE ABANDONED IN PLACE UPON ACCEPTANCE AND ACTIVATION OF THE NEW MAINS. ABANDONED MAINS SHALL BE CUT, FILLED WITH GROUT, AND CAPPED. REFER TO SECTION 02064 OF THE SPECIFICATIONS FOR GROUTING OF ABANDONED PIPE.
- WATER MAINS CROSSING OVER OR UNDER SANITARY SEWERS, FORCE MAINS, AND RECLAIMED WATER LINES SHALL BE LAID PER CURRENT EDITION OF "10 STATE STANDARDS" AND MANATEE COUNTY UTILITY STANDARDS UNLESS NOTED OTHERWISE ON THE PLANS.
- FIELD CONDITIONS MAY NECESSITATE MINOR ALIGNMENT AND GRADE DEVIATION OF THE PROPOSED UTILITIES TO AVOID OBSTACLES, AS ORDERED BY THE ENGINEER.
- CONTRACTOR SHALL PROVIDE RECORD DRAWINGS IN ACCORDANCE WITH SECTION 14 IN THE CURRENT MANATEE COUNTY UTILITY STANDARDS AT NO COST TO THE OWNER. RECORD DRAWINGS SHALL BE SIGNED & SEALED BY A SURVEYOR CURRENTLY LICENSED BY THE STATE OF FLORIDA. ALL RECORD DRAWING INFORMATION REQUIREMENTS IN SECTION 14 SHALL BE STRICTLY ENFORCED. A COPY OF SECTION 14 WILL BE PROVIDED UPON REQUEST.

CONTACTS

<p>MANATEE COUNTY PUBLIC WORKS DEPT. WAYNE TROXLER, P.E. 1022 26TH AVENUE EAST BRADENTON, FL. 34208 (941) 708-7450 EXT. 7650 FAX: (941) 708-7415</p> <p>TECO/PEOPLES GAS CO. DAN SHANAHAN 8261 VICO COURT SARASOTA, FL. 34240 (941) 342-4030 FAX: (941) 342-4011 EMERGENCY: 1-877-832-6911</p> <p>SUNSHINE STATE ONE CALL OF FLORIDA 1-(800) 432-4770</p>	<p>VERIZON FLORIDA INC. JOHN PLOTT 1701 RINGLING BLVD. SARASOTA, FL. 34236 (941) 906-6707 FAX: (941) 906-6706 John.Plott@verizon.com</p> <p>FLORIDA POWER & LIGHT GREG COKER 1253 12TH AVENUE EAST PALMETTO, FL 34221 (941) 723-4430 FAX: (941) 723-4444 EMERGENCY: 1-800-4-OUTAGE Greg.Coker@fpl.com</p> <p>MANATEE COUNTY HEALTH DEPT. HARRY MESSICK 4110 6th AVENUE EAST BRADENTON, FL. 34208</p>	<p>(941) 748-0747 EXT. 1355 FAX: (941) 750-9364 SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT SARASOTA SERVICE OFFICE DARYL R. FLATT, P.E. 6750 FRUITVILLE ROAD SARASOTA, FL. 34240 (941) 377-3722 FAX: (941) 373-7660</p> <p>FLORIDA GAS TRANSMISSION SAFETY HARBOR TEAM 7804 ANDERSON RD. TAMPA, FL. 33634 CHRIS LEE (813) 466-3327 CELL : (727) 639-7512</p>	<p>DEPARTMENT OF ENVIRONMENTAL PROTECTION STEPHANIE BARIOS 13051 N. TELECOM PKWY TEMPLE TERRACE, FL 33637 PHONE: (813) 632-7600, EXT. 408 FAX: (813) 632-7662</p> <p>BRIGHT HOUSE NETWORKS TOM WRIGHT 5413 E. STATE ROAD 64 BRADENTON, FL. 34208-5535 (941) 748-3816 EXT. 21348 Tom.Wright@mybriighthouse.com</p> <p>PEACE RIVER ELECTRIC COOPERATIVE, INC. P.O. BOX 1310 WACHULA, FL 33873 KENDELL COKER (863) 767-4660 kendell.coker@preco.coop</p>
---	--	---	---



LIFT STATION UPGRADES, 2010
EMERGENCY GENERATORS-GROUP 2
GENERAL NOTES & LEGEND

NO.	REVISION DESCRIPTION	BY	DATE

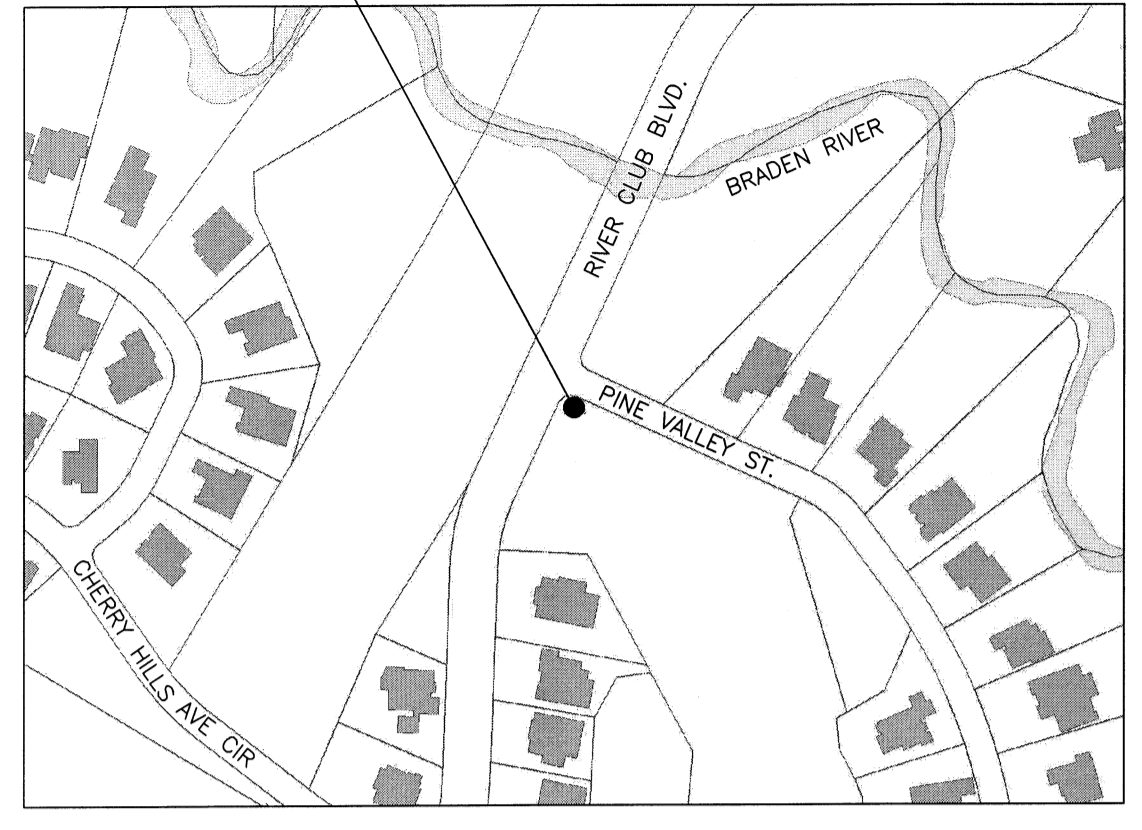
PROJECT #	-	
SURVEY #	-	
SEC./TWN./RGE	-	
SCALE	-	
SURVEYED	BY	DATE
DESIGNED	-	-
DRAWN	JSS	-
CHECKED	-	-

JOHN S. SHOUN, P.E.
 LICENSE NO. 23
 No. 80923
 PROFESSIONAL ENGINEER
 STATE OF FLORIDA
 Signature: _____ Date: _____

PROPOSED PROJECT NOTES
 JOB SPECIFIC (EXAMPLE):
 WATER LINE CALL-OUT
 (TYPICAL)
 STA. 40+60, 17' LT.
 1-6" GATE VALVE
 1-6" FITTING

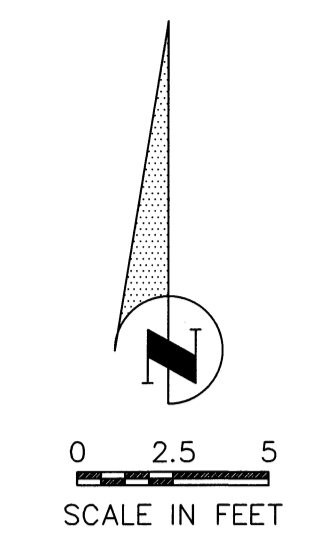
COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT S:\P\PD_Engineering_Shoun\Util_Eng_Design\Proj\San_Swr - LS Upgrades\Gens\2010_Egens\2010 LS Egen Group 2\DWG\Active\2010 LS Egen Group 2.dwg,LS River Club 4 (352), 9/10/2010 11:09 AM Shou, J.L. ARCH full bleed D (36.00 x 24.00 inches)

352



LS RIVER CLUB 4, RTU #352
6925 RIVER CLUB BLVD.

VICINITY MAP
N.T.S.



NOTE: THE LOCATIONS OF THE SANITARY SEWER, FORCE MAIN & POTABLE WATER MAINS ARE APPROXIMATE.

CONTRACTOR SHALL REFERENCE SECTION 14 IN THE CURRENT MANATEE COUNTY UTILITY STANDARDS FOR RECORD DRAWING REQUIREMENTS.

MANATEE COUNTY GOVERNMENT
PUBLIC WORKS DEPARTMENT
ENGINEERING SERVICES

1022 26th Avenue East
Bradenton, FL 34208

LIFT STATION UPGRADES, 2010
EMERGENCY GENERATORS-GROUP 2
LS RIVER CLUB 4, RTU #352
6925 RIVER CLUB BLVD.

NOTES:

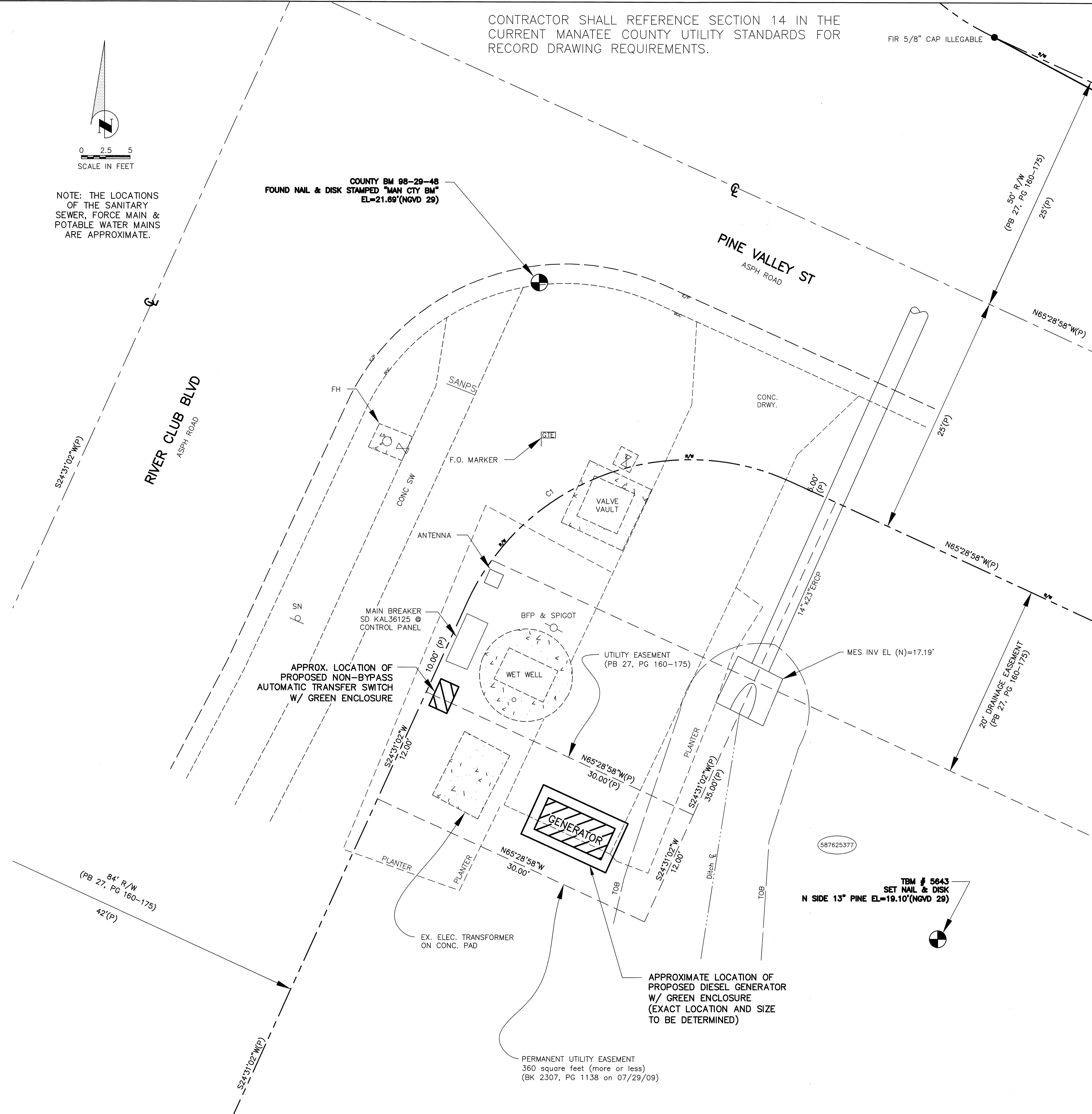
- THIS IS NOT A BOUNDARY SURVEY.
- A SEPARATE SURVEYOR'S REPORT TITLED "SPECIFIC PURPOSE SURVEY - MANATEE COUNTY, FLORIDA - LIFT STATION UPGRADES - 2009 EMERGENCY GENERATORS - WORK ASSIGNMENT # W0900069 - FDC JOB NUMBER 0577-0004 - LAST DATE OF FIELD WORK: 3-10-2009" HAS BEEN UTILIZED AS A TEXT OPTION FOR THIS SURVEY MAP.
- USERS OF THIS SURVEY MAP ARE DIRECTED TO ACKNOWLEDGE THE CONTENT OF THE SURVEYOR'S REPORT.
- THE SURVEY MAP AND REPORT ARE NOT FULL AND COMPLETE WITHOUT THE OTHER.
- THE CAPACITY OF THE DIESEL FUEL TANK SHALL BE SIZED TO THE MINIMAL FOOTPRINT AND HEIGHT TO RUN THE GENERATOR CONTINUOUSLY FOR 96 HOURS AT 75% LOAD AS INDICATED IN THE SPECIFICATIONS. HOWEVER, THE DIESEL FUEL TANK SHALL NOT EXCEED 540 GALLONS.
- ANY ELECTRICAL WIRING THAT IS INSTALLED BETWEEN THE LIFT STATION'S WETWELL AND VALVE VAULT SHALL BE INSTALLED IN A CARRIER PIPE THAT IS STRAPPED TO THE WET WELL OR VALVE VAULT.
- THE OVERALL FUEL SYSTEM IS TO COMPLY WITH ALL APPLICABLE NFPA REGULATIONS AS WELL AS THOSE REQUIRED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION. THIS INCLUDES NFPA COMPLIANT LABELS FOR THE FUEL SHUT-OFF LOCATION AND APPLICATIONS OF DIESEL HAZMAT SYMBOL STICKERS.
- INSTALL A 10# ABC FIRE EXTINGUISHER IN A WATERPROOF ENCLOSURE MOUNTED TO THE MAIN CONTROL CABINET SUPPORT POSTS AND INSTALL A KNOX LOCK ON THE ENCLOSURE FENCE GATE LOCKING CHAIN, IF APPLICABLE.

CURVE TABLE					
CURVE	RADIUS	LENGTH	CHORD	DELTA	
C1(P)	25.00'	39.27'	35.36'	S69°31'02"W	90°00'00"

LEGEND:

- | | | |
|--|---|--|
| ASPH = Asphalt | INV = Invert | PVC = Polyvinyl Chloride Pipe |
| (C) = Calculated Data | IR = Iron Rod | RCP = Reinforced Concrete Pipe |
| CI = Curb Inlet | LB = Corporate Certification Number | REF = Reference |
| CMP = Corrugated Metal Pipe | LS = Licensed Surveyor | RLS = Registered Land Surveyor |
| CONC = Concrete | LT = Left | RT = Right |
| COR = Corner | MH = Manhole | R/W = Right of Way |
| DIP = Ductile Iron Pipe | N = North | S = South |
| DRWY = Driveway | N&D = Nail & Disk | SMH = Sanitary Manhole |
| E = East | NGVD = National Geodetic Vertical Datum | SND = Set Nail and Disk |
| EL = Elevation | ORB = Official Record Book | STA = Station |
| ELEC = Electric | PB = Plat Book | SW = Sidewalk |
| ERCP = Elliptical Reinforced Concrete Pipe | PC = Point of Curvature | TBM = Temporary Benchmark |
| (F) = Field Data | PG = Page(s) | VCP = Vitrified Clay Pipe |
| FCM = Found Concrete Monument | PI = Point of Intersection | VVH = Verified Vertical and Horizontal |
| FIR = Found Iron Rod and Cap | PLS = Professional Land Surveyor | W = West |
| FD = Found | PLTR = Planter | W/ = With |
| FIP = Found Iron Pipe | PSM = Professional Surveyor and Mapper | xx' = Degrees |
| FT = Feet | PT = Point of Tangency \ Point | xx' = Minutes (Bearings) |
| | | xx' = Seconds (Bearings) |
| | | xx' = Feet (Distances) |

- IR ● IRON ROD FOUND AS NOTED
- CM ● 4"x4" CONCRETE MONUMENT FOUND AS NOTED
- SM ● SANITARY SEWER MANHOLE
- BFP ○ BACK FLOW PREVENTER
- GMV ○ FORCE MAIN GATE VALVE
- WPP ○ WOOD POWER POLE
- WM ○ WATER METER
- UB ○ UTILITY BOX
- ANT ● ANTENNA
- AB ● ALARM BOX
- EM ● ELECTRIC METER
- CTP ○ CABLE TV PEDESTAL
- TEL ○ VERIZON PULL BOX
- TEL ○ VERIZON PEDESTAL
- MTER END SECTION
- OH ○ OVER HEAD LINES
- BM ● BENCH MARK
- EXISTING SPOT ELEVATION



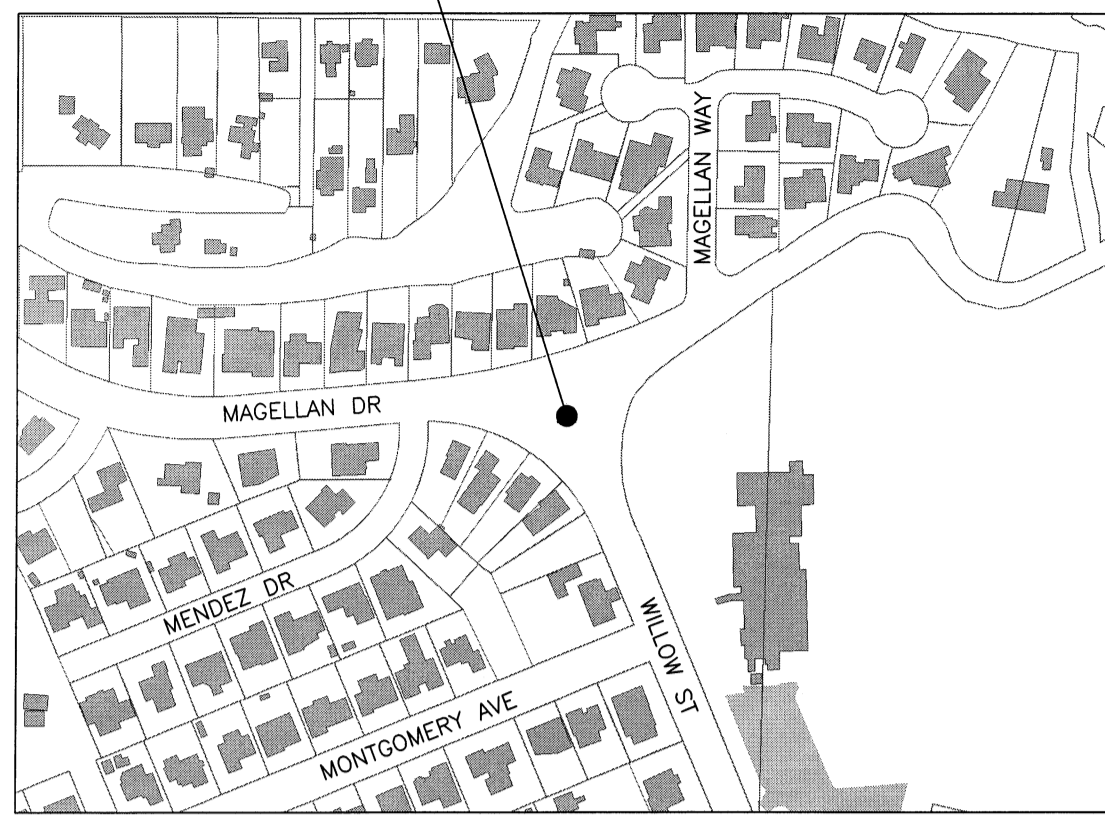
NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	404-6075780
SURVEY #	0577-0004
SEC./TWN./RGE	30/35/19
SCALE	1"=5'
SURVEYED	BY: FD DATE: 03/10/09
DESIGNED	-
DRAWN	CAB/BLR 06/2010
CHECKED	-

JOHN S. SHOUN, P.E.

FLORIDA PROFESSIONAL ENGINEER

439



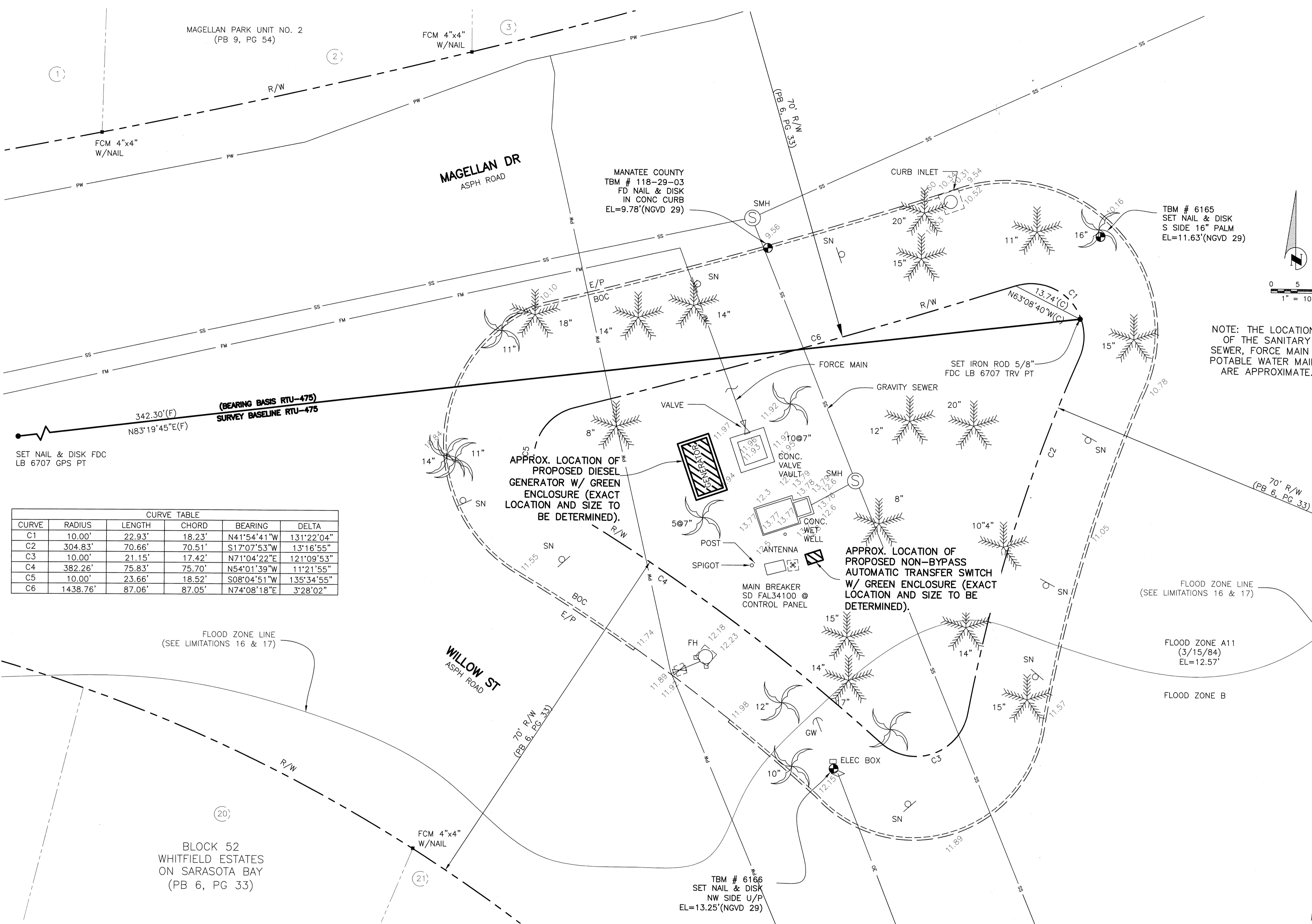
LS 2-A, RTU #439
350 MAGELLAN DR

VICINITY MAP

N.T.S.

NOTES:

1. THIS IS NOT A BOUNDARY SURVEY.
2. A SEPARATE SURVEYOR'S REPORT TITLED "SPECIFIC PURPOSE SURVEY - MANATEE COUNTY, FLORIDA - LIFT STATION UPGRADES - 2010 EMERGENCY GENERATORS - IFAS # W0900218 - FDC JOB NUMBER 0577-0006 - LAST DATE OF FIELD WORK: 6-24-2009 HAS BEEN UTILIZED AS A TEXT OPTION FOR THIS SURVEY MAP.
3. USERS OF THIS SURVEY MAP ARE DIRECTED TO ACKNOWLEDGE THE CONTENT OF THE SURVEYOR'S REPORT.
4. THE SURVEY MAP AND REPORT ARE NOT FULL AND COMPLETE WITHOUT THE OTHER.
5. ANY ELECTRICAL WIRING THAT IS INSTALLED BETWEEN THE LIFT STATION'S WET WELL AND THE VALVE VAULT SHALL BE INSTALLED IN A CARRIER PIPE THAT IS STRAPPED TO THE WET WELL OR VALVE VAULT.
6. THE CAPACITY OF THE DIESEL FUEL TANK SHALL BE SIZED TO THE MINIMAL FOOTPRINT & HEIGHT TO RUN THE GENERATOR CONTINUOUSLY FOR 96 HOURS AT 75% LOAD AS INDICATED IN THE SPECIFICATIONS. HOWEVER, THE DIESEL FUEL TANK SHALL NOT EXCEED 540 GALLONS.
7. THE OVERALL FUEL SYSTEM IS TO COMPLY WITH ALL APPLICABLE NFPA REGULATIONS AS WELL AS THOSE REQUIRED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION. THIS INCLUDES NFPA COMPLIANT LABELS FOR THE FUEL SHUT-OFF LOCATION AND APPLICATIONS OF DIESEL HAZMAT SYMBOL STICKERS.
8. INSTALL A 10# ABC FIRE EXTINGUISHER IN A WATERPROOF ENCLOSURE MOUNTED TO THE MAIN CONTROL CABINET SUPPORT POSTS AND INSTALL A KNOX LOCK ON THE ENCLOSURE FENCE GATE LOCKING CHAIN, IF APPLICABLE.
9. L.S. 2-A IS LOCATED IN A FLOOD ZONE WITH A BASE FLOOD ELEVATION OF 12.5 NGVD. THE RIM OF THE FUEL TANK AND BASE OF GENERATOR SHALL BE AT A MIN. ELEVATION OF 13.6 NGVD. A FLOOD REVIEW & ELEVATION CERTIFICATE WILL BE REQUIRED FOR THIS LIFT STATION SITE.



CONTRACTOR SHALL REFERENCE SECTION 14 IN THE CURRENT MANATEE COUNTY UTILITY STANDARDS FOR RECORD DRAWING REQUIREMENTS.



LIFT STATION UPGRADES, 2010

EMERGENCY GENERATORS-GROUP 2

LS 2-A, RTU 439, 350 MAGELLAN DR

NO.	REVISION DESCRIPTION	BY	DATE

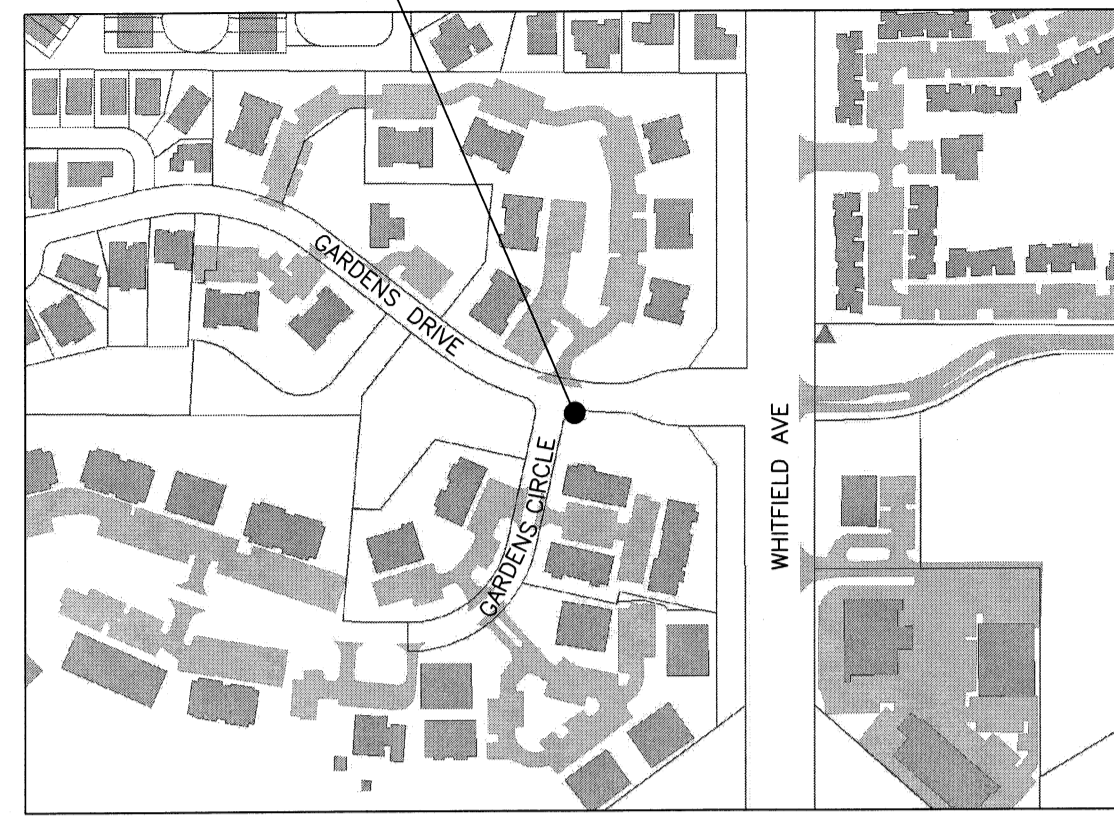
PROJECT # 402-5125380
 SURVEY # FDC: #0577-0006
 SEC./TWN./RGE 26/35S/17E
 SCALE 1"=10'

	BY	DATE
SURVEYED	FDC	6/24/10
DESIGNED	-	-
DRAWN	JSS	-
CHECKED	-	-

JOHN S. SHOUN, P.E.
 FLORIDA REG. # 60923

 SHEET 11 OF 11

453



THE GARDENS @ PALMAIRE (RTU #453)
5790 GARDENS DR.

VICINITY MAP
N.T.S.

CONTRACTOR SHALL REFERENCE SECTION 14 IN THE
CURRENT MANATEE COUNTY UTILITY STANDARDS FOR
RECORD DRAWING REQUIREMENTS.



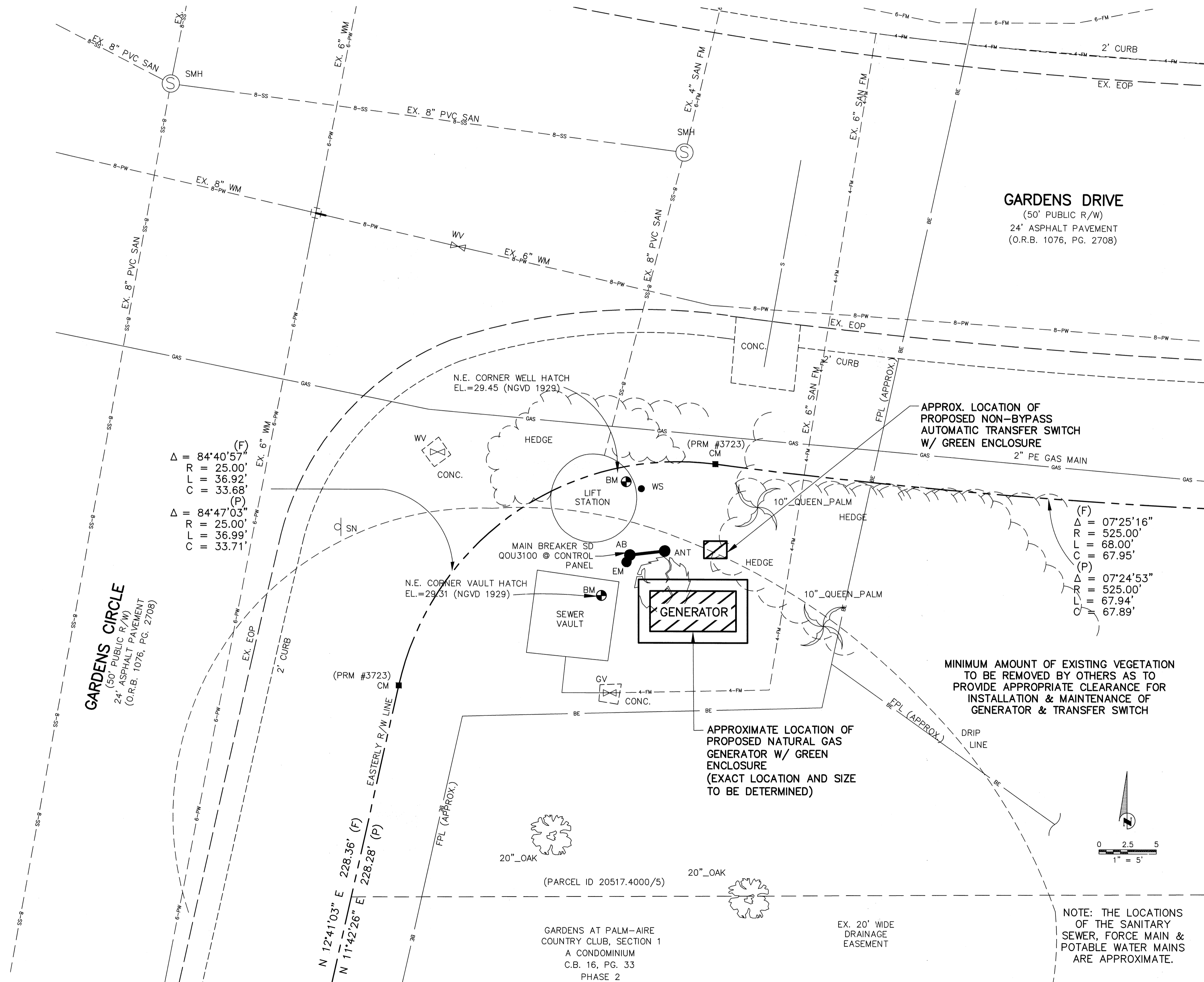
LIFT STATION UPGRADES, 2010
EMERGENCY GENERATORS-GROUP 2
THE GARDENS @ PALMAIRE, RTU #453,
5790 GARDENS DR.

NOTES:

1. BEARINGS ARE BASED ON THE EASTERLY RIGHT OF WAY OF GARDENS CIRCLE, HAVING A BEARING OF N 12°41'03" E, AND ARE BASED ON FLORIDA STATE PLANE COORDINATE SYSTEM (WEST ZONE) NAD 83/90 DERIVED FROM MANATEE COUNTY GIS M 085 & M 088.
2. THE PROPERTY LIES WITHIN FLOOD ZONE "X" AS SHOWN ON MANATEE COUNTY FLOOD INSURANCE RATE MAP PANEL No. 120153 0365 C, REVISED, JULY 15, 1992.
3. ELEVATIONS ARE BASED ON N.G.V.D. 1929 DATUM, MANATEE COUNTY BENCH MARK No. "MANCO_BM-97-29-13", ELEVATION OF 25.62 AS PUBLISHED.
4. PROPERTY IS PART OF THE COMMON ELEMENTS FOR GARDENS AT PALM AIRE CONDOMINIUM, SECTION 1, PHASE 2, ACCORDING TO THE DECLARATION OF CONDOMINIUM RECORDED IN O.R. BOOK 1079, PAGE 577. THE DECLARATION GRANTS PERPETUAL NON-EXCLUSIVE EASEMENT TO ALL PUBLIC AND PRIVATE UTILITY COMPANIES FOR UTILITY SERVICES OVER THE COMMON ELEMENTS. SEE PARAGRAPH (c), PAGE 21.
5. NATURAL GAS SERVICE TO BE INSTALLED IN A CARRIER PIPE AND STRAPPED TO THE VALVE VAULT OR WET WELL, IF PASSING OVER FORCE MAIN OR DISCHARGE PIPING.
6. CONTRACTOR SHALL INSTALL NATURAL GAS SERVICE FROM PROPOSED GENERATOR TO NATURAL GAS METER/BALL VALVE PROVIDED BY TECO. CONTRACTOR SHALL REMOVE PLUG AT NATURAL GAS METER/BALL VALVE AND CONNECT TO NATURAL GAS SERVICE PROVIDED BY TECO.
7. ANY ELECTRICAL WIRING THAT IS INSTALLED BETWEEN THE LIFT STATION'S WET WELL AND VALVE VAULT SHALL BE INSTALLED IN A CARRIER PIPE THAT IS STRAPPED TO THE WET WELL OR VALVE VAULT.
8. THE OVERALL FUEL SYSTEM IS TO COMPLY WITH ALL APPLICABLE NFPA REGULATIONS AS WELL AS THOSE REQUIRED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION. THIS INCLUDES NFPA COMPLIANT LABELS FOR THE FUEL SHUT-OFF LOCATION AND APPLICATIONS OF DIESEL HAZMAT SYMBOL STICKERS.
9. INSTALL A 10# ABC FIRE EXTINGUISHER IN A WATERPROOF ENCLOSURE MOUNTED TO THE MAIN CONTROL CABINET SUPPORT POSTS AND INSTALL A KNOX LOCK ON THE ENCLOSURE FENCE GATE LOCKING CHAIN, IF APPLICABLE.

LEGEND:

CM	CONCRETE MONUMENT	SMH	SANITARY SEWER MANHOLE
R/W	RIGHT OF WAY LINE	SN	SIGN
ID	IDENTIFICATION	WV	WATER LINE VALVE
O.R.B.	OFFICIAL RECORD BOOK	GV	FORCE MAIN GATE VALVE
C.B.	CONDOMINIUM BOOK	ANT	ANTENNA
P.C.	PAGE	AB	ALARM BOX
(F)	FIELD DATA	WS	WATER SERVICE
(P)	PLAT DATA	EM	ELECTRIC METER
CONC.	CONCRETE	BM	BENCH MARK
PRM	PERMANENT REFERENCE MONUMENT	EX	EXISTING SPOT ELEVATION
NGVD	NATIONAL GEODETIC VERTICAL DATUM	CM	CONCRETE MONUMENT FOUND AS NOTED
Δ	CENTRAL ANGLE		
R	RADIUS		
L	ARC LENGTH		
C	CHORD LENGTH		
EL.	ELEVATION		
WS	WATER SERVICE		
ANT	ANTENNA		
AB	ALARM BOX		
GV	GATE VALVE		
EM	ELECTRIC METER		
BM	BENCH MARK		
WV	WATER VALVE		
SN	SIGN		
SMH	SANITARY SEWER MANHOLE		
FM	FORCE MAIN		
RM	REUSE MAIN		
PW	POTABLE WATER MAIN		
EOP	EDGE OF PAVEMENT		

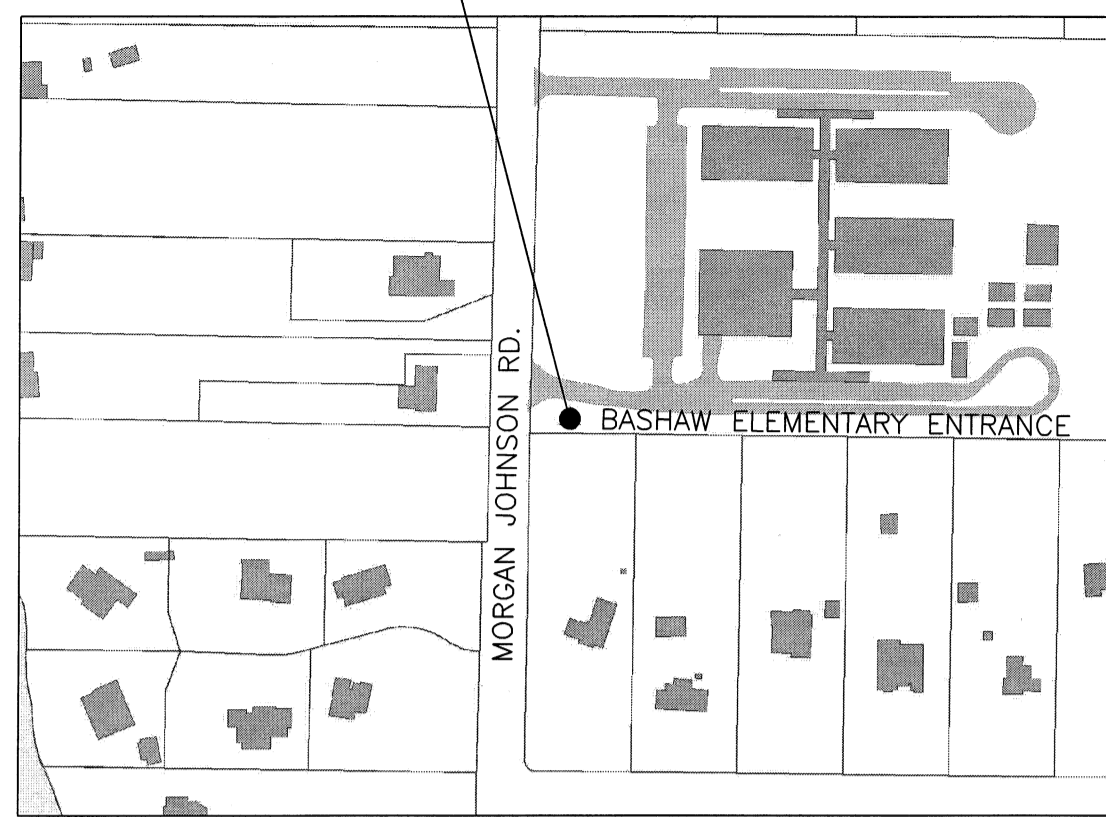


NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	402-5104281
SURVEY #	-
SEC./TWN./RGE	34/35S/18E
SCALE	1"=5'
SURVEYED	BY DATE
DESIGNED	ZNS 4/30/09
DRAWN	JSS -
CHECKED	- -

JOHN S. SHOUN, P.E.
 LICENSE NO. 60923
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

472



BASHAW ELEMENTARY LS, RTU #472, 3603 57TH ST. E.

VICINITY MAP N.T.S.

THIS IS NOT A BOUNDARY SURVEY.

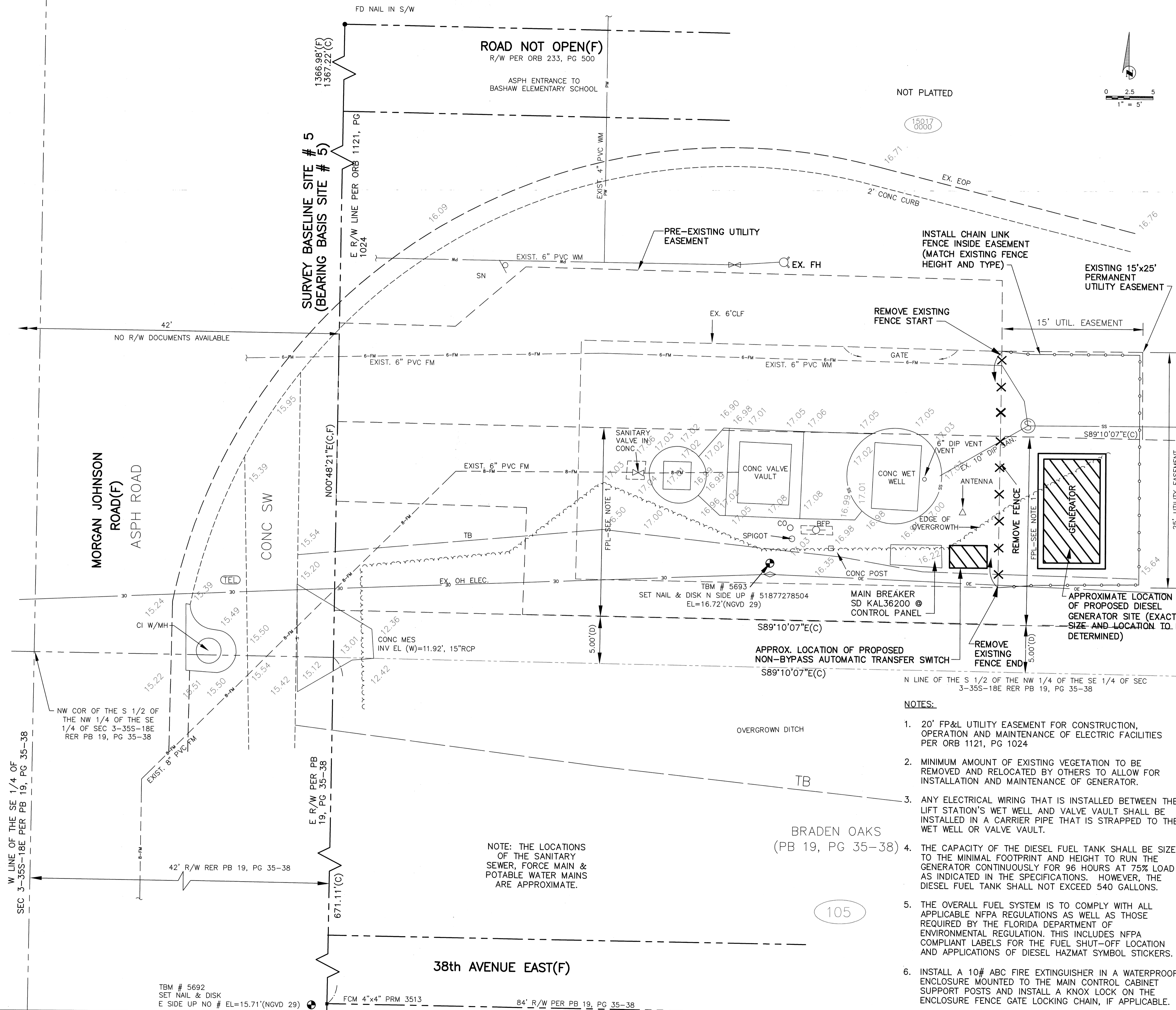
A SEPARATE SURVEYOR'S REPORT TITLED 'SPECIFIC PURPOSE SURVEY - MANATEE COUNTY, FLORIDA - LIFT STATION UPGRADES - 2009 EMERGENCY GENERATORS - WORK ASSIGNMENT # W0900069 - FDC JOB NUMBER 0577-0004 - LAST DATE OF FIELD WORK: 3-10-2009' HAS BEEN UTILIZED AS A TEXT OPTION FOR THIS SURVEY MAP.

USERS OF THIS SURVEY MAP ARE DIRECTED TO ACKNOWLEDGE THE CONTENT OF THE SURVEYOR'S REPORT.

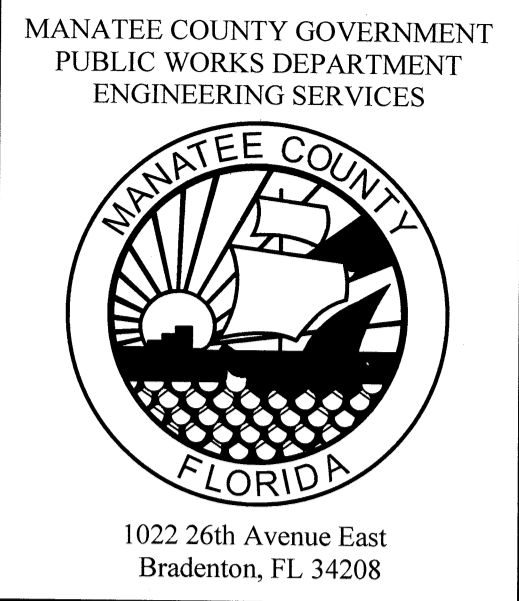
THE SURVEY MAP AND REPORT ARE NOT FULL AND COMPLETE WITHOUT THE OTHER.

ABBREVIATIONS LEGEND

Table with 2 columns: Abbreviation and Definition. Includes terms like ASPH, C, CI, CMP, CONC, COR, DIP, DRWY, F, FI, FIC, FRCP, etc.



CONTRACTOR SHALL REFERENCE SECTION 14 IN THE CURRENT MANATEE COUNTY UTILITY STANDARDS FOR RECORD DRAWING REQUIREMENTS.



LIFT STATION UPGRADES, 2010 EMERGENCY GENERATORS-GROUP 2 BASHAW ELEMENTARY SCHOOL, RTU #472, 3603 57TH ST. E.

Table with columns: REVISION, NO., DESCRIPTION, DATE, BY.

Table with columns: PROJECT #, SURVEY #, SEC./TWN./RGE, SCALE.

Table with columns: SURVEYED, DESIGNED, DRAWN, CHECKED, BY, DATE.

Professional Engineer seal for JOHN S. SHOUN, P.E., License No. 80923, State of Florida.

- NOTES: 1. 20' FP&L UTILITY EASEMENT FOR CONSTRUCTION, OPERATION AND MAINTENANCE OF ELECTRIC FACILITIES PER ORB 1121, PG 1024. 2. MINIMUM AMOUNT OF EXISTING VEGETATION TO BE REMOVED AND RELOCATED BY OTHERS TO ALLOW FOR INSTALLATION AND MAINTENANCE OF GENERATOR. 3. ANY ELECTRICAL WIRING THAT IS INSTALLED BETWEEN THE LIFT STATION'S WET WELL AND VALVE VAULT SHALL BE INSTALLED IN A CARRIER PIPE THAT IS STRAPPED TO THE WET WELL OR VALVE VAULT. 4. THE CAPACITY OF THE DIESEL FUEL TANK SHALL BE SIZED TO THE MINIMAL FOOTPRINT AND HEIGHT TO RUN THE GENERATOR CONTINUOUSLY FOR 96 HOURS AT 75% LOAD AS INDICATED IN THE SPECIFICATIONS. HOWEVER, THE DIESEL FUEL TANK SHALL NOT EXCEED 540 GALLONS. 5. THE OVERALL FUEL SYSTEM IS TO COMPLY WITH ALL APPLICABLE NFPA REGULATIONS AS WELL AS THOSE REQUIRED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION. THIS INCLUDES NFPA COMPLIANT LABELS FOR THE FUEL SHUT-OFF LOCATION AND APPLICATIONS OF DIESEL HAZMAT SYMBOL STICKERS. 6. INSTALL A 10# ABC FIRE EXTINGUISHER IN A WATERPROOF ENCLOSURE MOUNTED TO THE MAIN CONTROL CABINET SUPPORT POSTS AND INSTALL A KNOX LOCK ON THE ENCLOSURE FENCE GATE LOCKING CHAIN, IF APPLICABLE.

