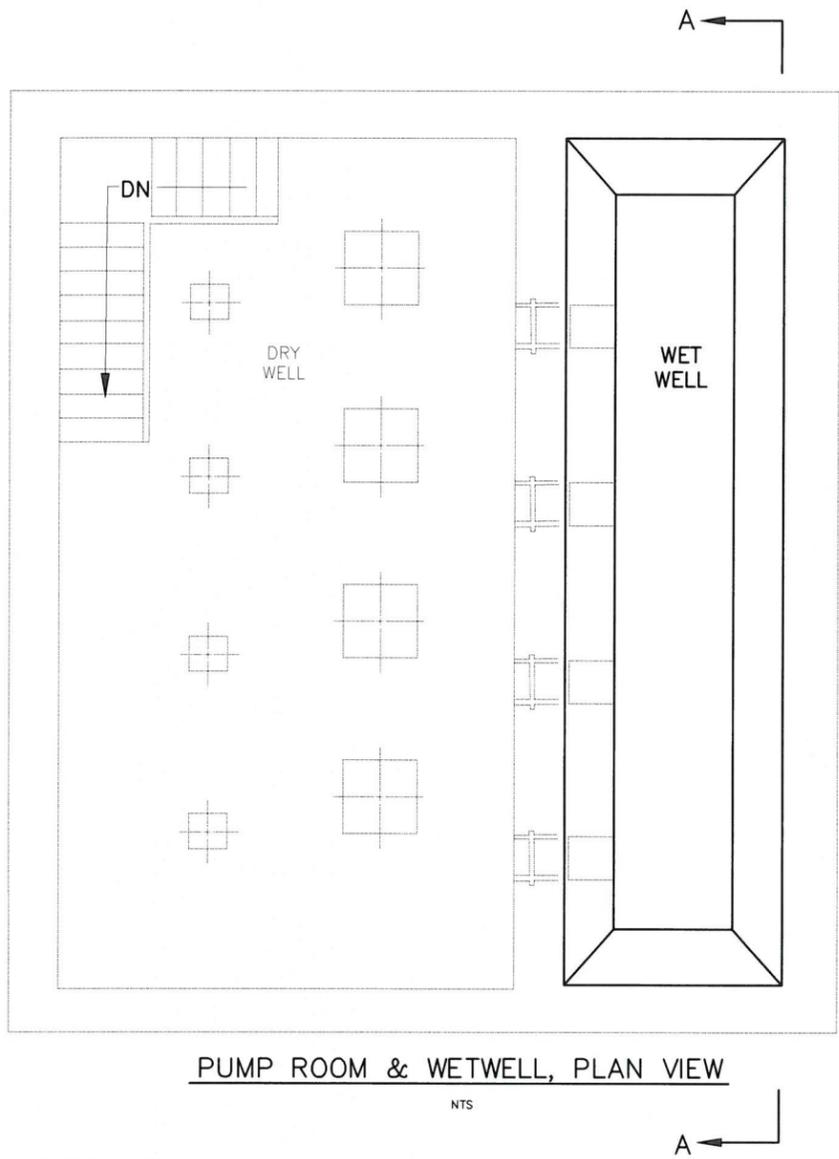




COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT | S:\P\O\Engineering\Sherril\Eng Design\PROJ\3-SAN SWR Proj\Spr. Srv. - LS Upgrades\MLS 1M Plans 100X (rev. 10012014) Part 2 PLAN VIEWS, 10/2/2014 12:24 PM Shee Shoun, 12.0858, ANSI full bleed B (17.00 x 11.00 inches)

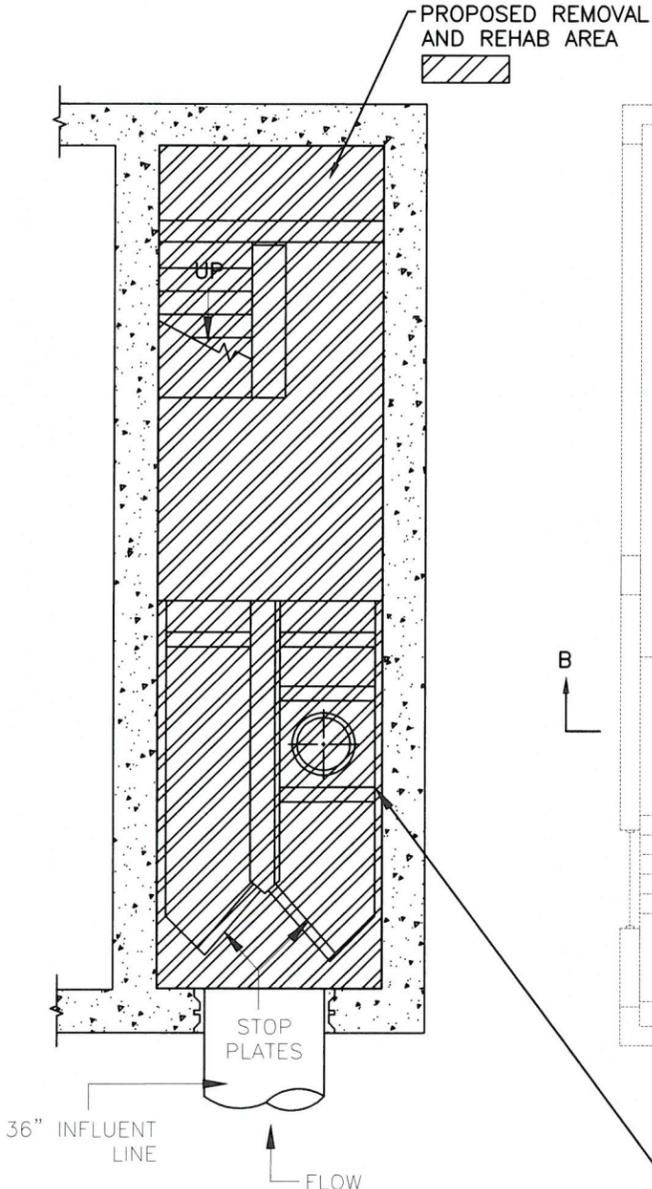


**PUMP ROOM & WETWELL, PLAN VIEW**

NTS

**GENERAL NOTES**

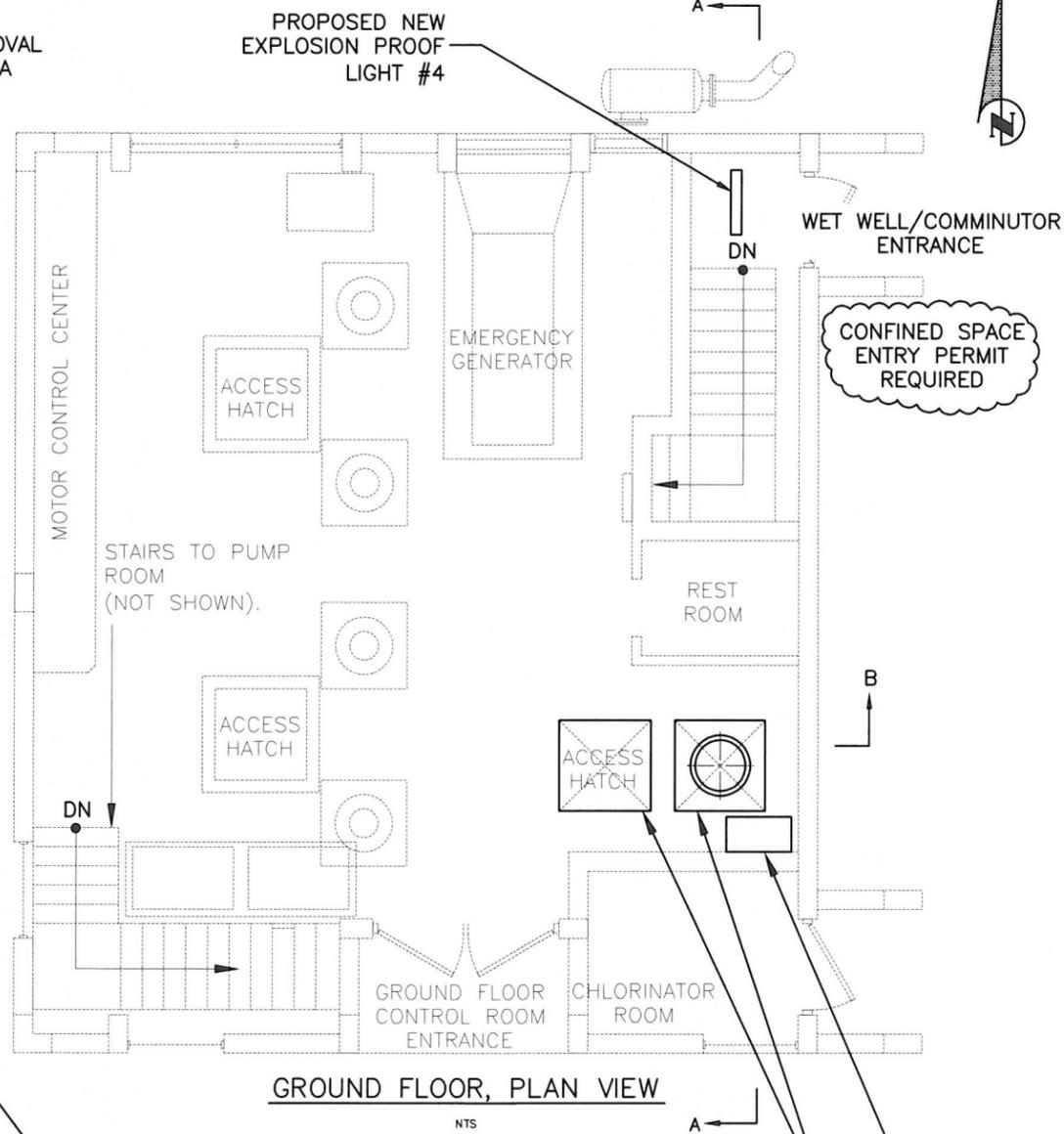
1. ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH THE PROJECT MANAGEMENT DIVISION. THE PROJECT MANAGER IS: SHERRI ROBINSON AND CAN BE REACHED AT (941) 708-7450; EXT.7334
2. SITE VISITS ARE MANDATORY FOR ALL BIDDERS. THESE SITE VISITS CAN BE ARRANGED THROUGH THE PROJECT MANAGER .
3. ALL CONSTRUCTION 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. 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.
5. 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.
6. 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.
7. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THIS EXCLUSION DOES NOT ALLEVIATE THE CONTRACTOR FOR PROVIDING A CONTINUOUS SAFE WORKSPACE.



**PLAN-WET WELL INTERMEDIATE LEVEL**

NTS

1. REMOVE EXISTING LINER MATERIAL ON WALLS, FLOORS, AND CEILING.
2. PRESSURE CLEAN AND REMOVE ALL DETERIORATED CONCRETE AS DIRECTED BY THE COUNTY INSPECTOR.
3. CLEAN AND COAT EXPOSED REINFORCING STEEL PRIOR TO PATCHING.
4. RESTORE CONCRETE TO ORIGINAL PROFILE.
5. AFTER RESTORATION INSTALL NEW SPRAY LINER.



**GROUND FLOOR, PLAN VIEW**

NTS

REMOVE EXISTING HATCHES, AND REPLACE WITH RECESSED, GAS TIGHT, STAINLESS STEEL ACCESS HATCHES, FIELD VERIFY DIMENSIONS.

REPLACE EXISTING COMMINUTOR CONTROL PANEL

**LIFT STATION UPGRADE**  
**MASTER LIFT STATION 1M**  
**PLAN VIEWS**

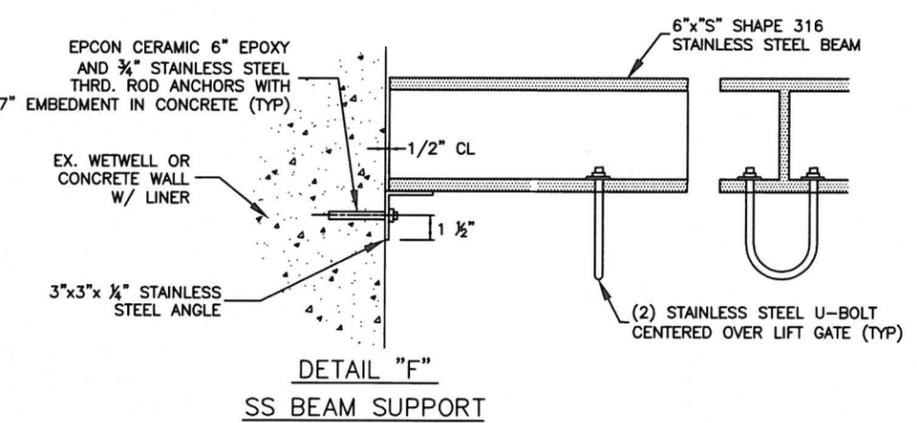
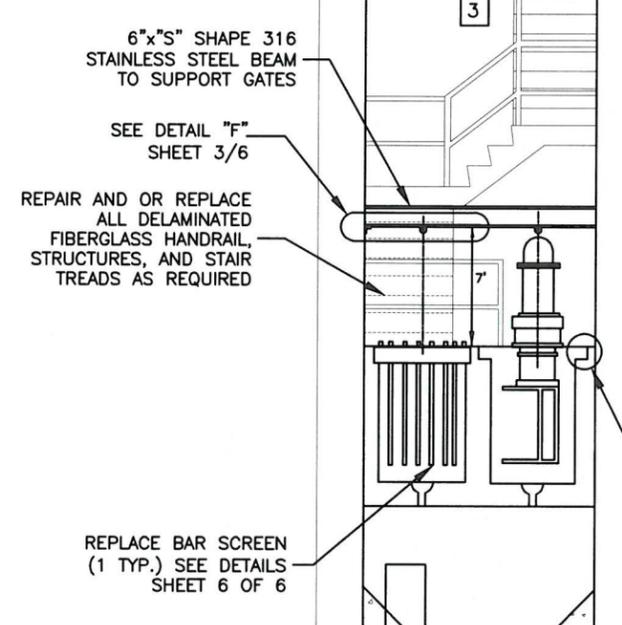
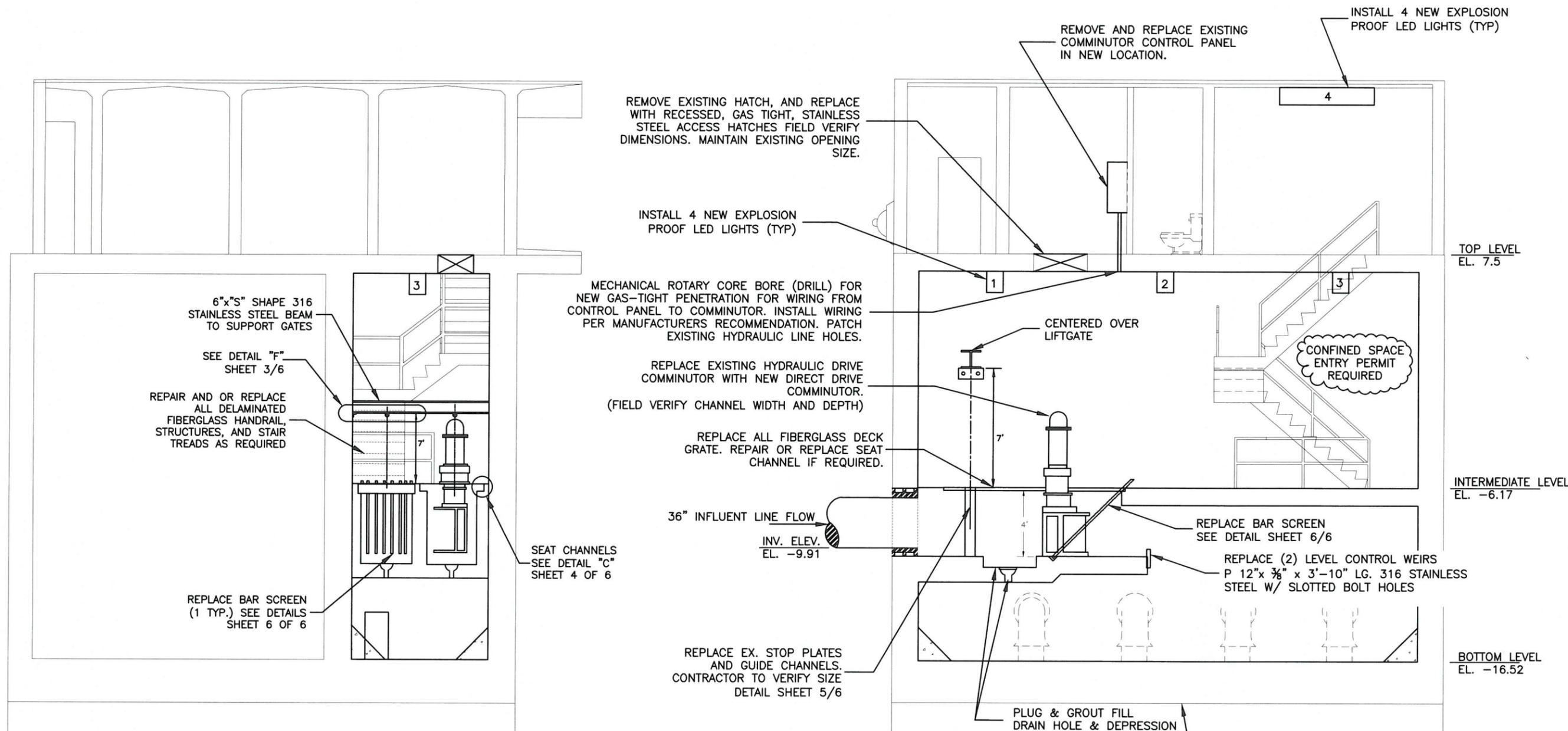
NO.	REVISION DESCRIPTION	BY	DATE

PROJECT #	402-0019706
SURVEY #	0-0
SEC./TWN./RGE	12/35S/16E
SCALE	NTS

SURVEYED BY: [Signature] 00/00/00  
 DESIGNED BY: [Signature] 00/00/00  
 DRAWN BY: [Signature] 00/00/00  
 CHECKED BY: [Signature] 00/00/00  
**MAN S. SHOUN, P.E.**  
 FLORIDA P.E. # 80923  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 10/3/14



LIFT STATION UPGRADE  
MASTER LIFT STATION 1M  
SECTION VIEWS



**COMMUNOTOR NOTES:**

- ELECTRICAL LINE NEEDS TO BE ROUTED FROM THE NEW CONTROL BOX TO THE NEW COMMUNOTOR. CURRENT LINES ARE ROUTED THRU THE EX. HATCH, THIS WILL NO LONGER BE ACCEPTABLE. SEE NOTE ABOVE.
- NEW COMMUNOTOR TO BE MODEL CDD3210-XDM2.0 CHANNEL MONSTER™ SYSTEM. INSTALLATION INCLUDES CMA1101 316 SS CHANNEL MOUNT FRAME ASSEMBLY, PC2200 MOTOR CONTROLLER IN NEW NEMA 4X FIBERGLASS PANEL BOX, IEC STARTER WITH OVERCURRENT PROTECTION & JAM SENSING. SEE SPECIFICATION SECTION 16108 FOR MORE DETAILS.
- THE CONTRACTOR IS TO PROVIDE A COMPLETE AND OPERATIONAL UNIT, INCLUDING ALL LABOR, ASSOCIATED PARTS, FITTINGS, AND 3 O&M MANUALS.
- BRIDGE CRANE HEIGHT LIMITATION IS 70 INCHES.

- REMOVE EXISTING LINER MATERIAL ON WALLS, FLOORS, AND CEILING.
- PRESSURE CLEAN AND REMOVE ALL DETERIORATED CONCRETE AS DIRECTED BY THE COUNTY.
- CLEAN AND COAT EXPOSED REINFORCING STEEL PRIOR TO PATCHING.
- RESTORE CONCRETE TO ORIGINAL PROFILE.
- AFTER RESTORATION INSTALL NEW SPRAY LINER.

NO.	REVISION DESCRIPTION	DATE
1	Revised comminotor data	10/1/14

PROJECT #	402-0019706
SURVEY #	0-0
SEC./TWN./RGE	12/35S/16E
SCALE	NTS
DATE	09/00/00
DESIGNED	08/11/13
DRAWN	08/11/13
CHECKED	00/00/00

JOHN S. SHOUN, P.E.  
STATE OF FLORIDA P.E. # 00823  
PROFESSIONAL ENGINEER

SHEET 3 OF 6

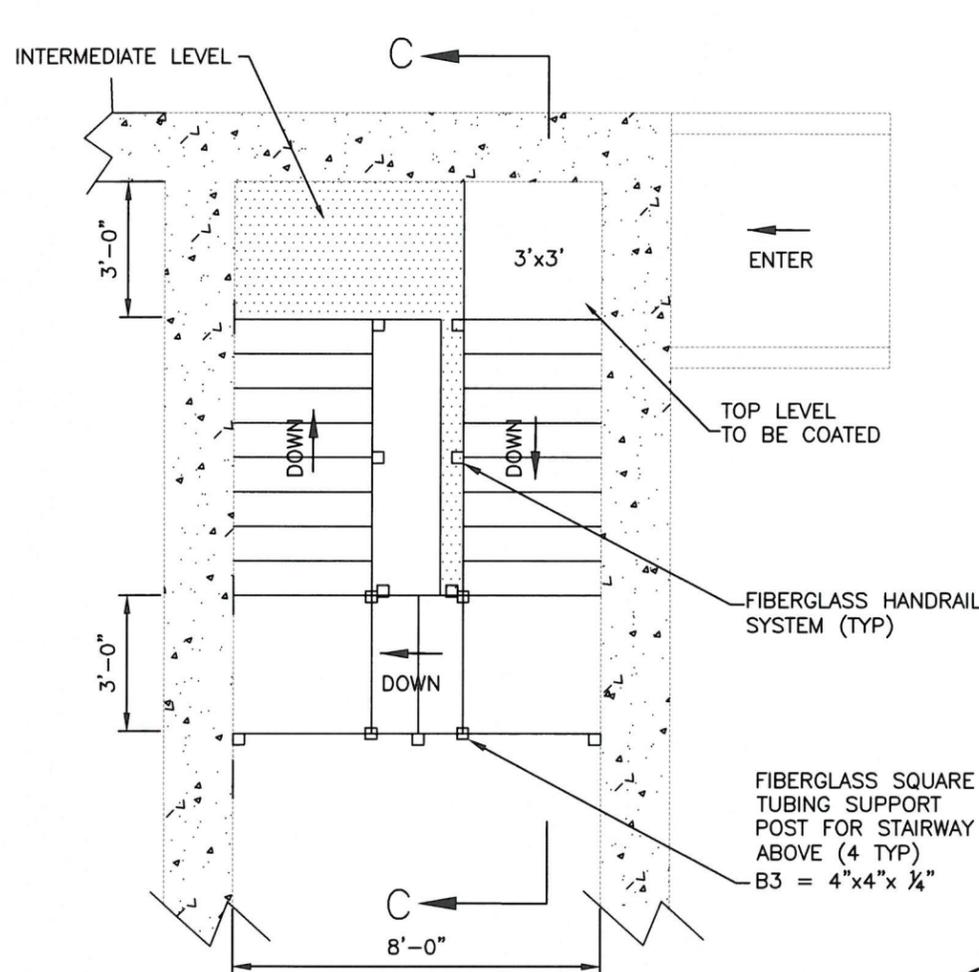
COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT | S:\PWO\_Engineering\_Shark\Util\_Eng\_Design\PROJ\SSAN\_SWR\_Proj\SSan\_Swr - LS\_Upgrade\MSL\_1M\_Rehab\DWGS\MSL\_1M\_Plans\_1000 (rev. 10/01/2014)\dwp\_3\_SECTIONS\_10/5/2014\_12:24 PM\_Sha\_Shoum\_12.0856.dwg ANS full bleed B (17.00 x 11.00 inches)





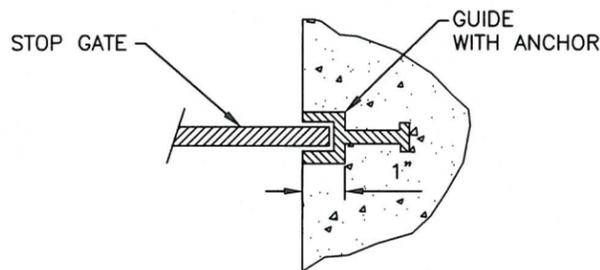


**LIFT STATION UPGRADE  
MASTER LIFT STATION 1M  
STAIRS DETAILS**



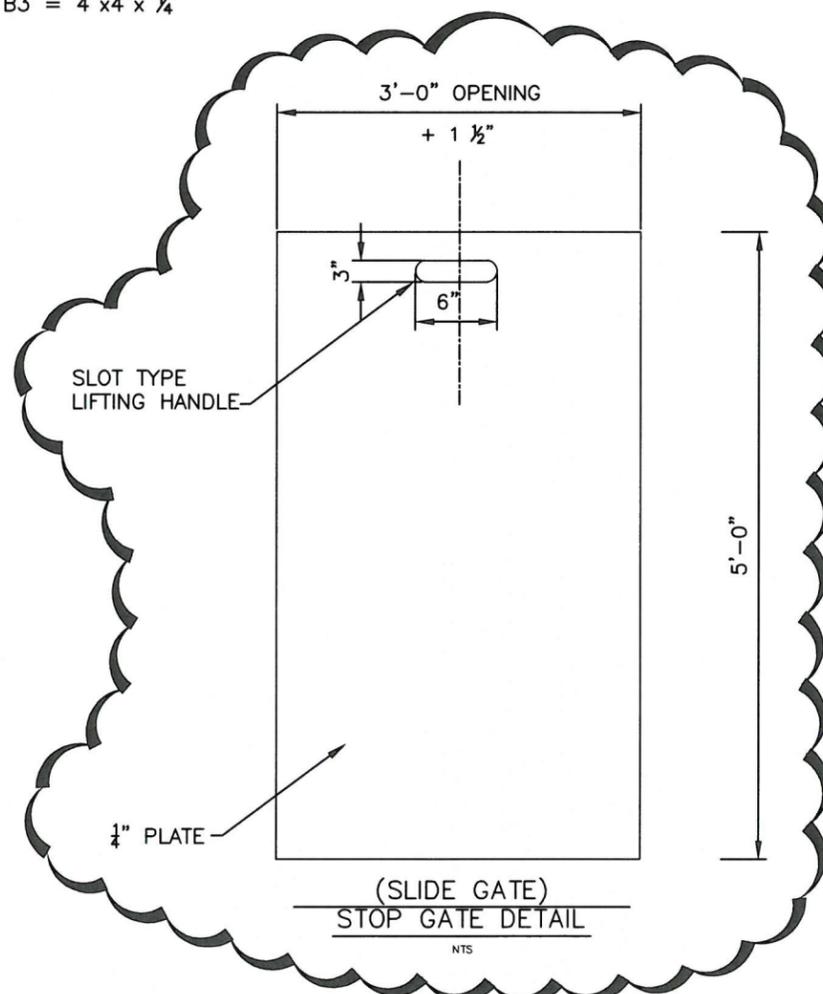
**STAIRWAY PLAN**

NTS



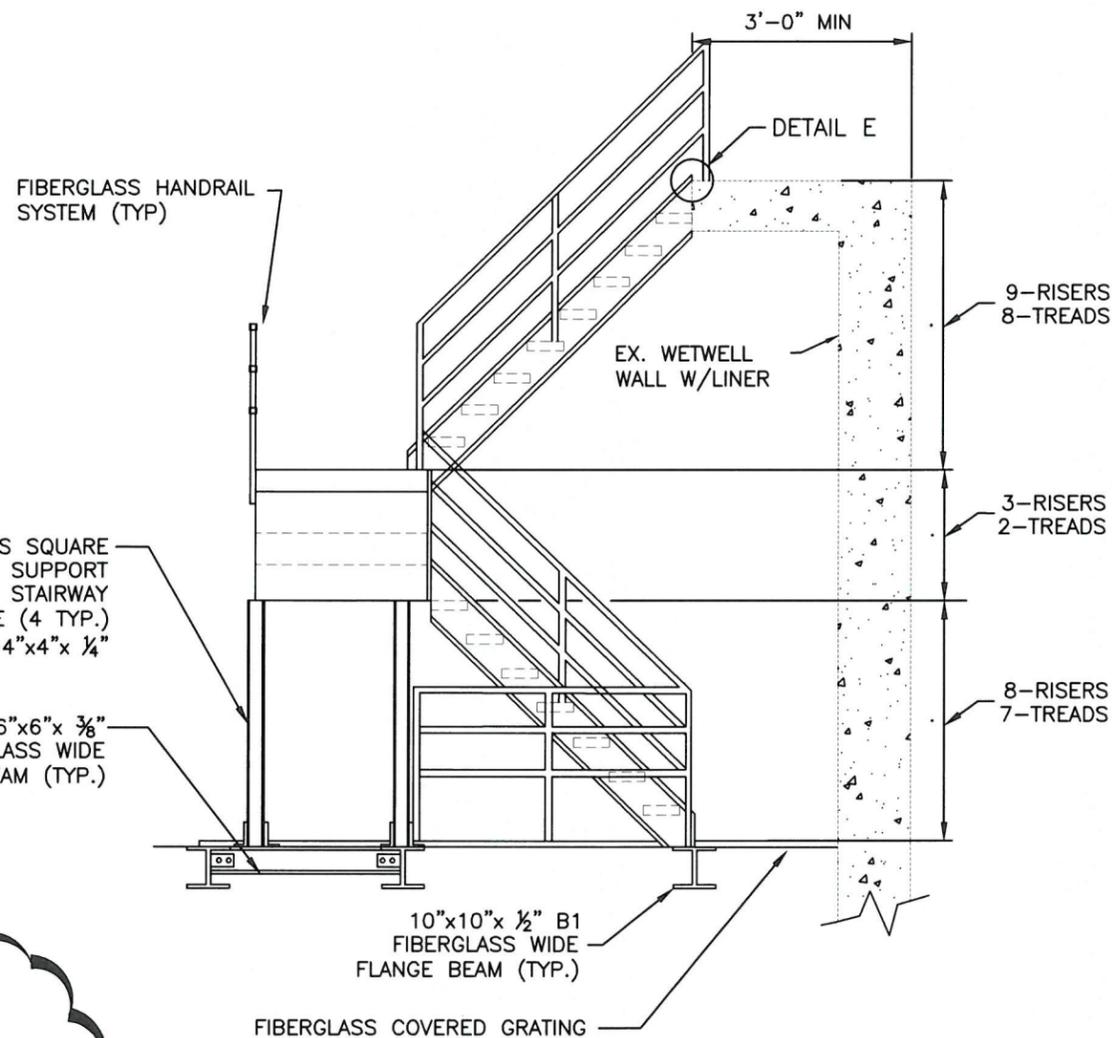
**STOP PLATE GUIDE DETAIL**

NTS



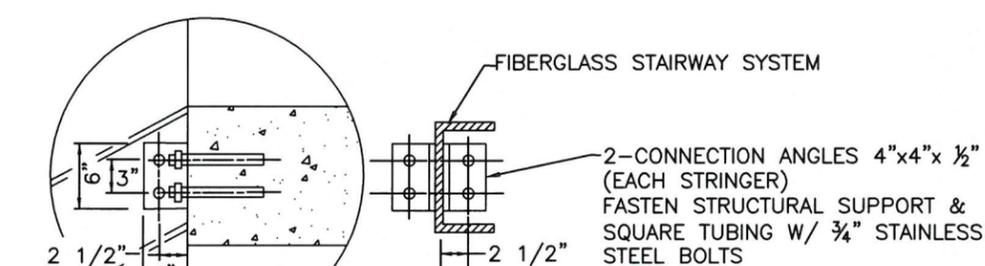
**(SLIDE GATE)  
STOP GATE DETAIL**

NTS



**SECTION C-C**

NTS



**DETAIL "E"  
STAIRWAY CONNECTIONS**

NTS

NO.	REVISION DESCRIPTION	BY	DATE
1	Revised stop gate detail	JSS	10/1/14

PROJECT #	402-0019706
SURVEY #	0-0
SEC./TWN./RGE	12/35S/16E
SCALE	NTS

BY	DATE
SURVEYED	00/00/00
DESIGNED	04/11/13
DRAWN	03/15/13
CHECKED	00/00/00

JOHN S. SHOUN, P.E.  
FLORIDA P.E. # 80823  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER