



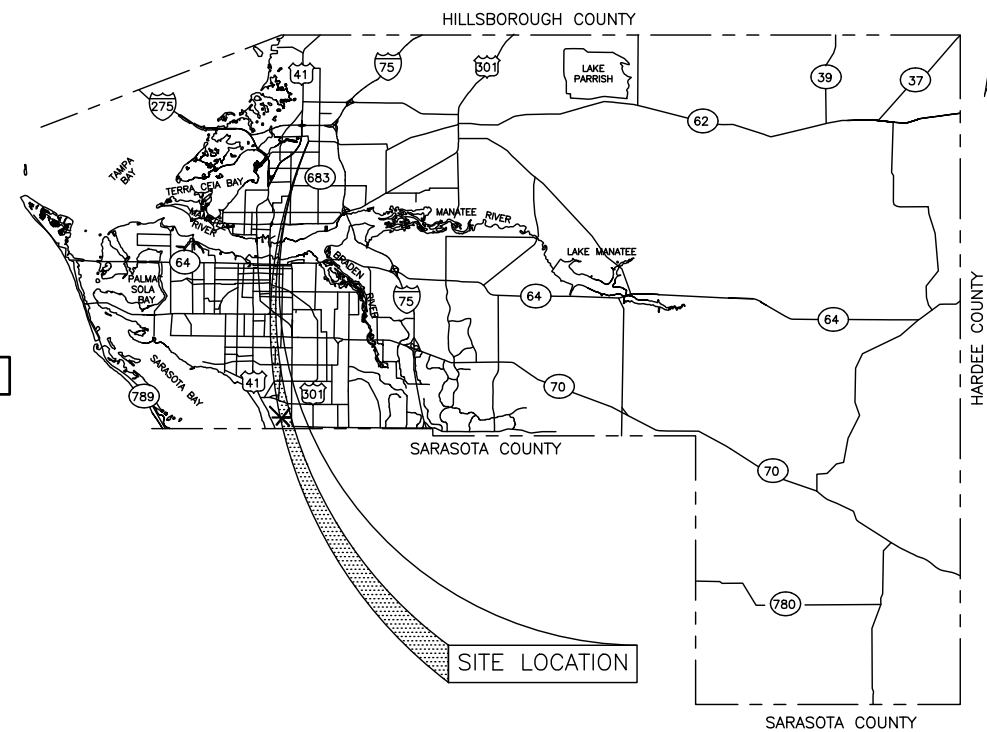
## NOVEMBER 2015

## 100% PLANS



VICINITY MAP  
N.T.S.

1. EXISTING DIMMINUTOR.
2. EXISTING STOP GATES WITH NEW ALUMINUM STOP GATES AND 316 S.S. CHANNEL GUIDES.
3. EXISTING ACCESS HATCH WITH NEW GAS TIGHT ALUMINUM ACCESS HATCH WITH 316 SS HARDWARE, ETC.



MASTER LIFT STATION N1B	
ITEM	VALUE
RTU	549
STREET ADDRESS	2887 69TH ST. E.
CITY	BRADENTON
SEC./TWN./RGE	30/33/18
DESIGN FLOW	1,400 GPM @ 223.0' TDH
COMMINUTOR ACCESS HATCH DIMENSIONS *	36" X 36"
INFLUENT CHANNEL DIMENSIONS *	3.5' DEEP X 2.5' WIDE

\* CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS

**MLS N1B, RTU 549  
MASTER LIFT STATION R & R  
DIMMINUTOR REPLACEMENT  
COVER SHEET**


[illegible]

OF 3

**MLS N1B, RTU 549  
MASTER LIFT STATION R & R  
DIMMINUTOR REPLACEMENT  
PLAN VIEWS**

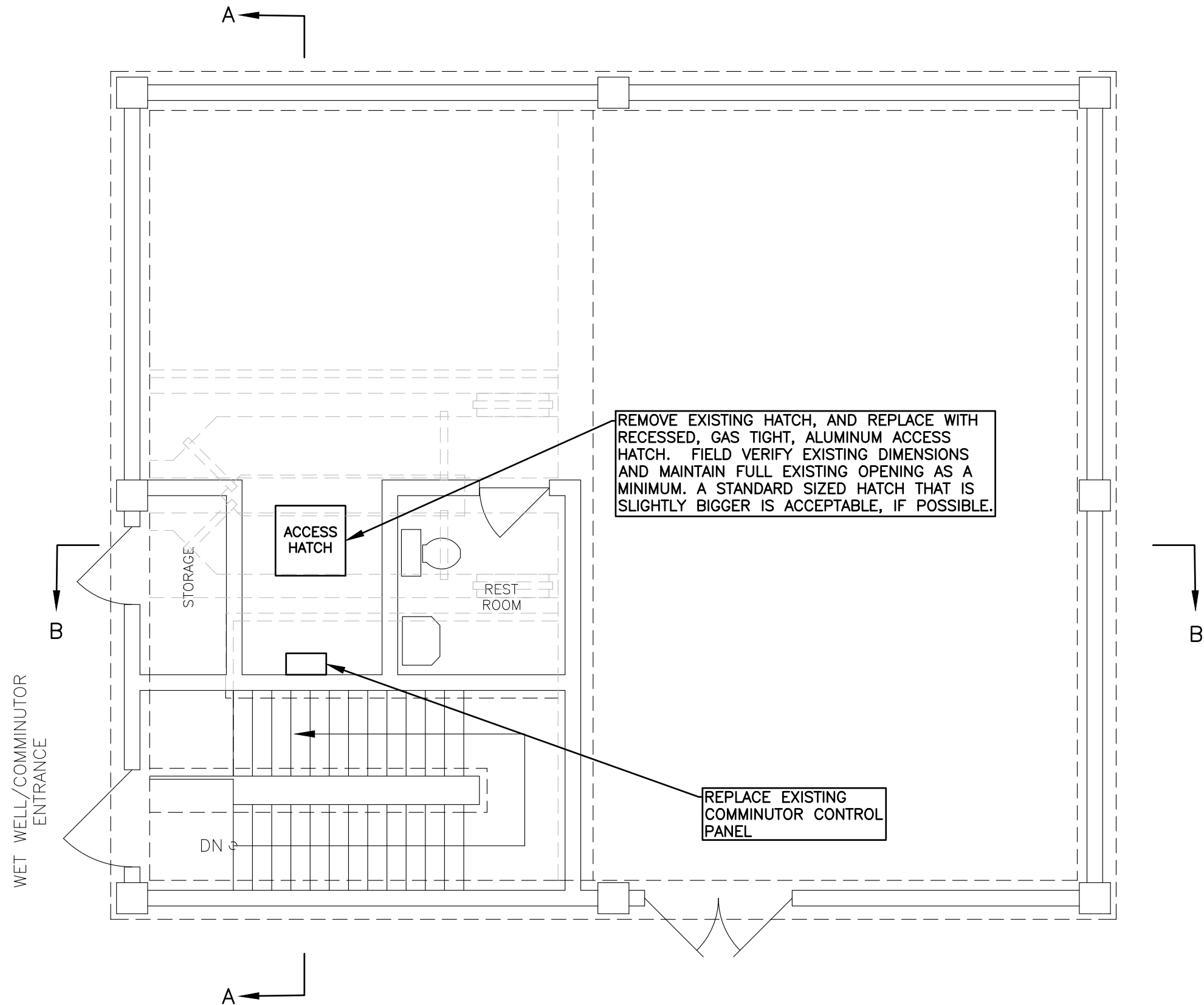
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PROJECT #	404-6022288
SURVEY #	-----
SEC./TWN./RGE	30/33/18
SCALE	1"=5'

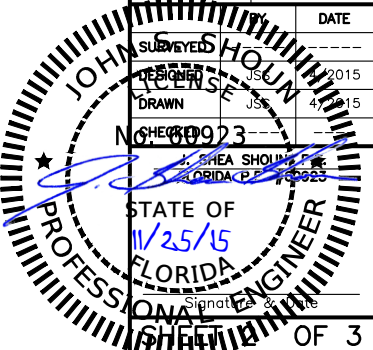
J. SHEA SHOUN   
 FLORIDA P.E. #000623

STATE OF  
1/25/15  
FLORIDA  
Signature & Title  
SHEET 2 OF 3

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 LIFT STATION SUPERINTENDENT, NICK WAGNER 941-792-8811 x5377.
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.
8. BYPASS PUMPING (IF REQUIRED) TO BE FROM FLOW-THROUGH PLUG IN INFLUENT PIPE IN WET WELL AND ROUTED UP THROUGH EXISTING COMMUNUTOR HATCH.



GROUND FLOOR, PLAN VIEW

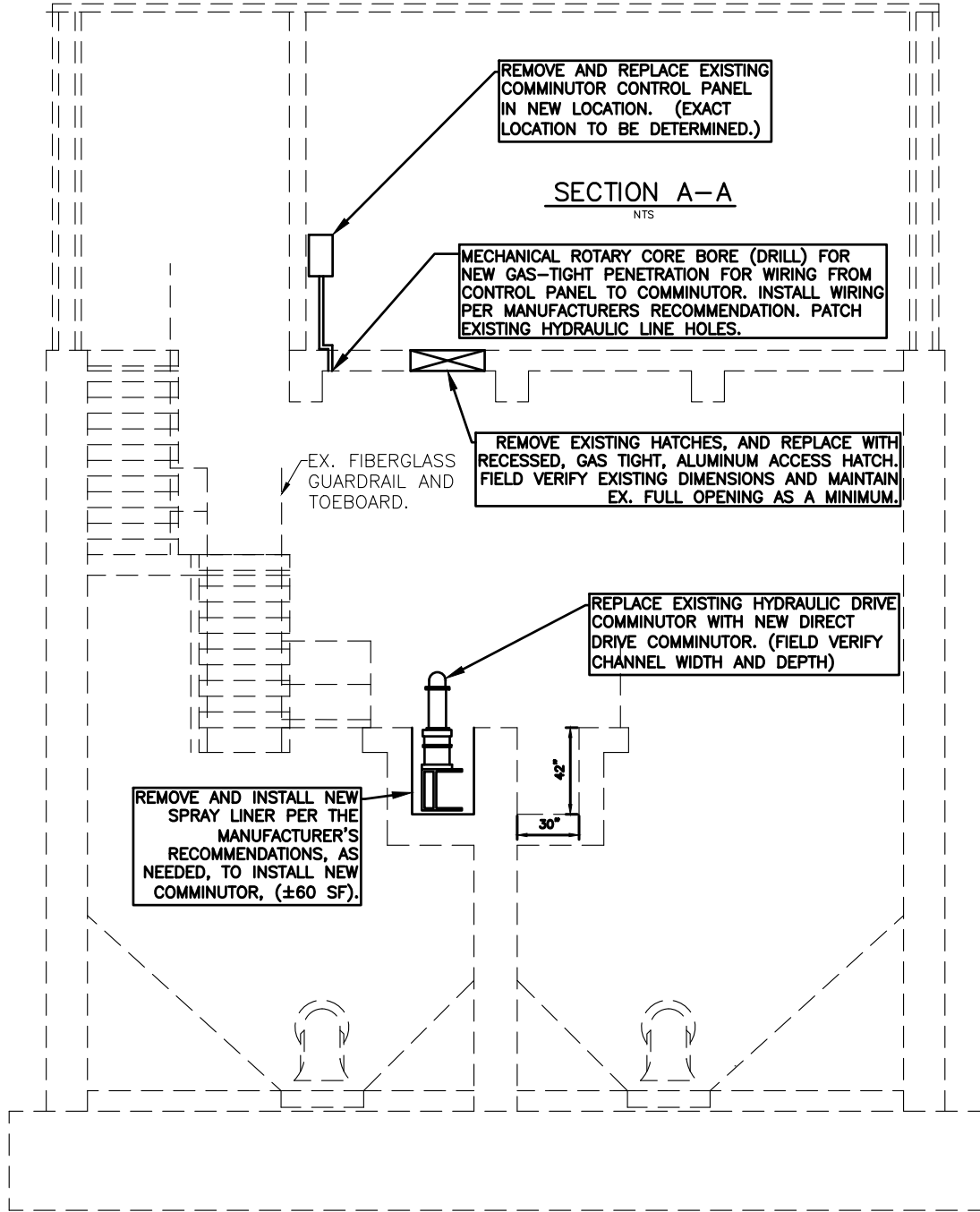
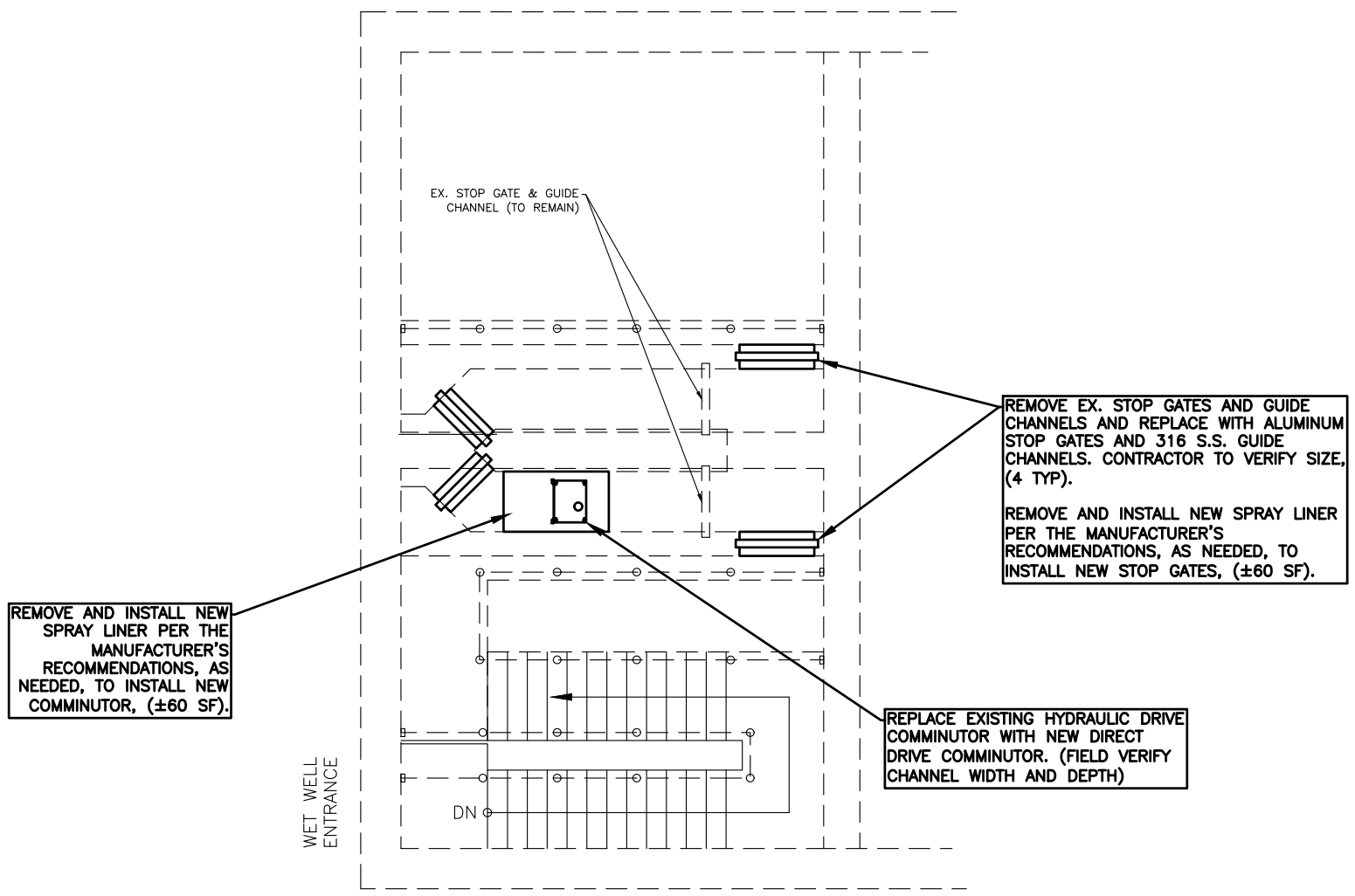


COPYRIGHT 2010 MANATEE COUNTY GOVERNMENT S:\PMD\_Engineering\_Shore\Util\_Eng\_Design\PROJ\San SWR - LS Upgrades\MLS N1B Dimm & Stop Gate Repl\DWG\active-MLS N1B Diminutor Replacement.dwg,3 SECTIONS, 11/25/2015 7:45 AM Shea Shoun, 1:1, ANSI full bleed B (17.00 x 11.00 inches)

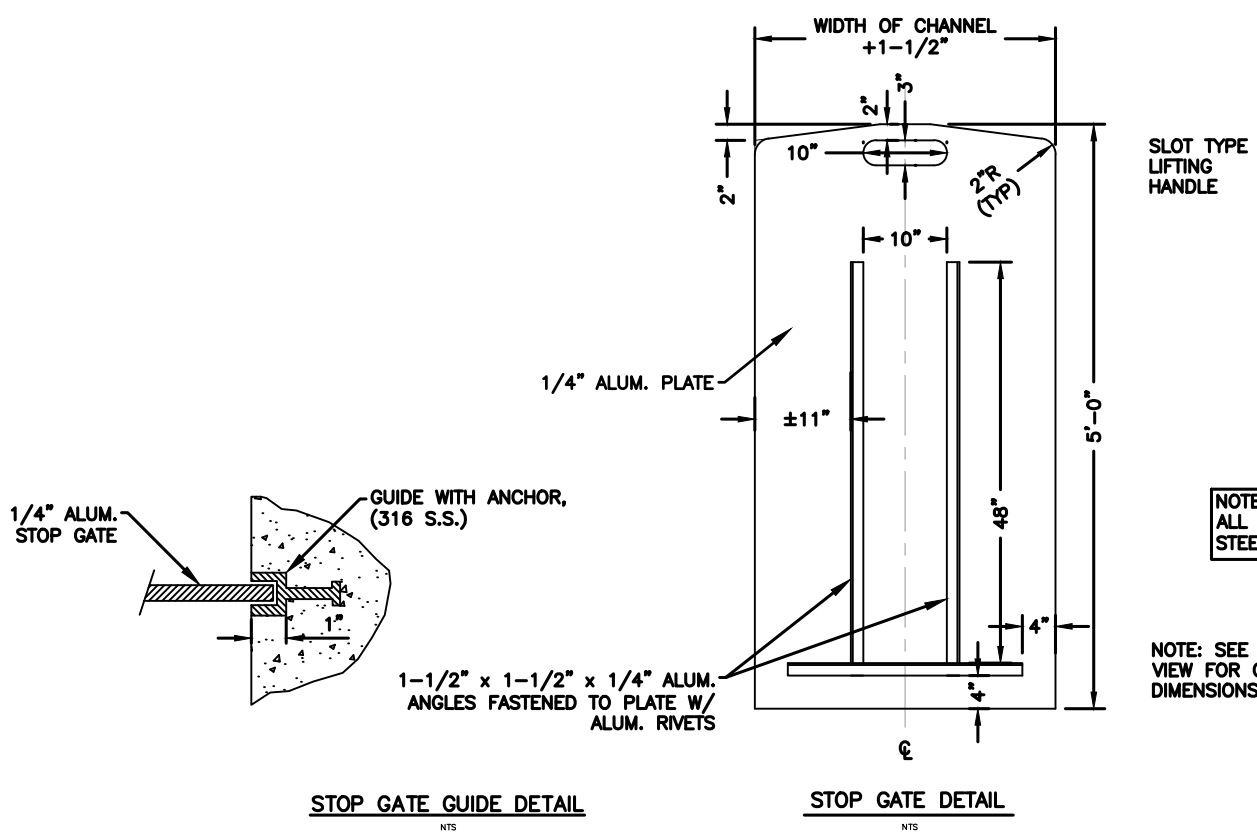
MASTER LIFT STATION R & R  
MLS N1B, RTU 549  
DIMINUTOR REPLACEMENT

SECTIONS

NO.	REVISION DESCRIPTION	BY	DATE
1	rev. diminutor notes	JSS	11/5/15
PROJECT #	404-6022288	SURVEY #	-----
SEC./TWN./RGE	30/33/18	SCALE	NTS
BY	DATE	CHECKED	DATE
DESIGNED	11/25/15	DRAWN	11/25/15
PROF. ENGINEER	11/25/15	STATE OF FLORIDA	11/25/15
NO. 60023	FLORIDA P.E. 250923		
OF 3			



CONTRACTOR IS RESPONSIBLE FOR ALL LABOR, MEASUREMENTS, AND ALL MATERIALS REQUIRED TO COMPLETE THE JOB AS INTENDED.



NOTE: ALL MOUNTING HARDWARE SHALL BE 316 STAINLESS STEEL (S.S.), UNLESS OTHERWISE NOTED.

NOTE: SEE PLAN VIEW FOR CHANNEL DIMENSIONS

- COMMUNUTOR NOTES:
- ELECTRICAL LINE NEEDS TO BE ROUTED FROM THE NEW CONTROL BOX TO THE NEW COMMUNUTOR. CURRENT LINES ARE ROUTED THRU THE EX. HATCH, THIS WILL NO LONGER BE ACCEPTABLE. SEE NOTE ABOVE.
  - THE CONTRACTOR IS TO PROVIDE A COMPLETE AND OPERATIONAL UNIT, INCLUDING ALL LABOR, ASSOCIATED PARTS, FITTINGS, AND 3 O&M MANUALS.
  - SEE SPECIFICATION SECTION 16108 FOR MORE DETAILS.