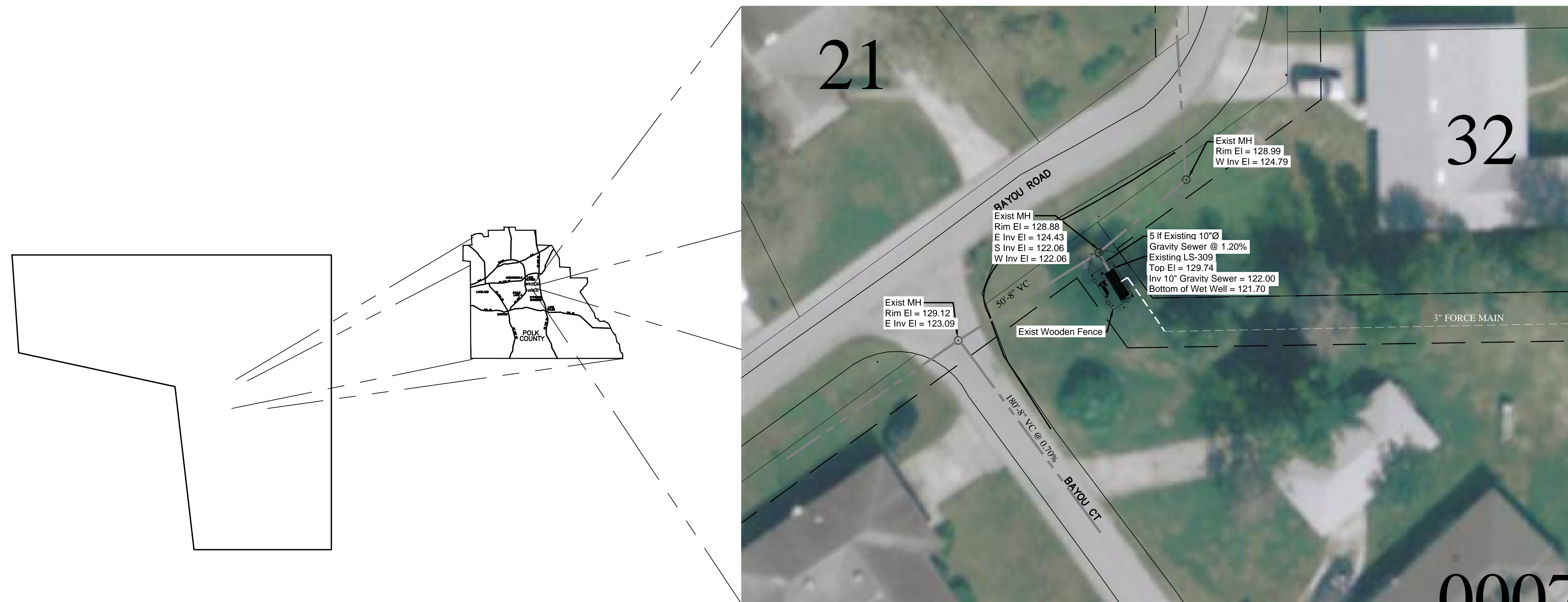


REPLACEMENT OF LS-309

DRAWING INDEX

SHT No.	DESCRIPTION
1	COVER SHEET
2	EXISTING CONDITIONS & DEMOLITION PLAN
3	CONSTRUCTION PLAN
4	DETAILS



490 3rd STREET N.W.
 WINTER HAVEN, FL 33881
 PHONE: 863/291-5850
 FAX: 863/291-5211

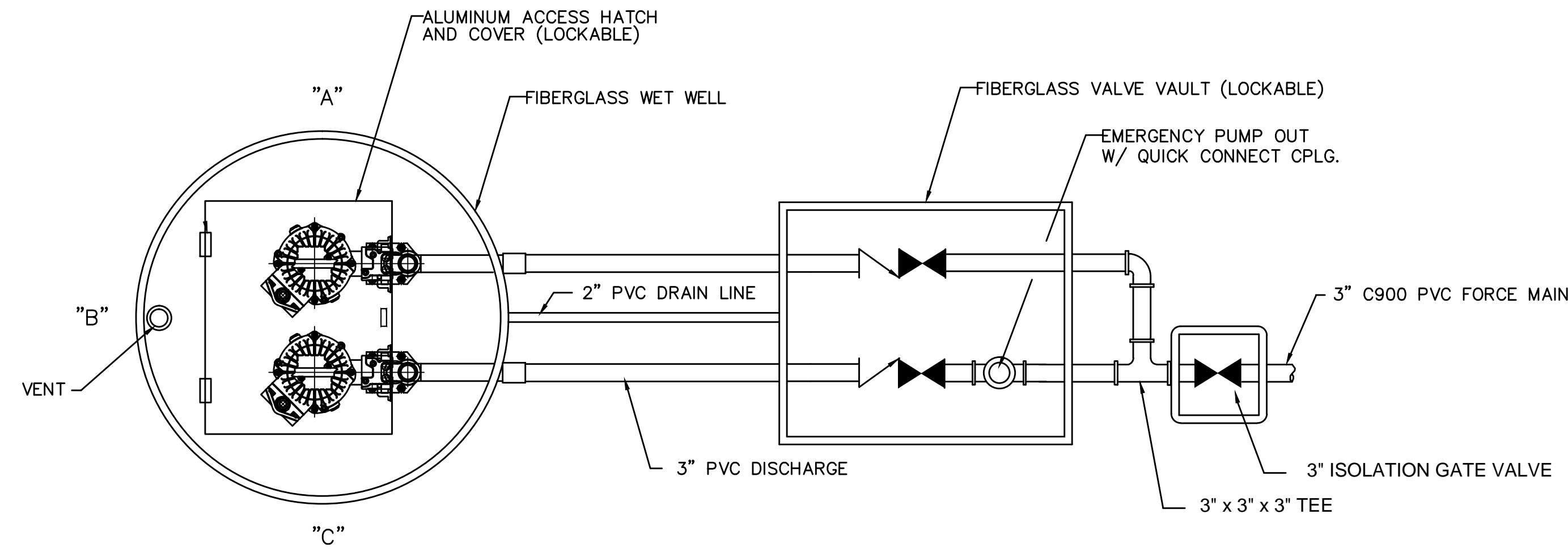


ENGINEERING SERVICES DIVISION

AMIN A HANHAN, P.E.
 LICENSE # 68410

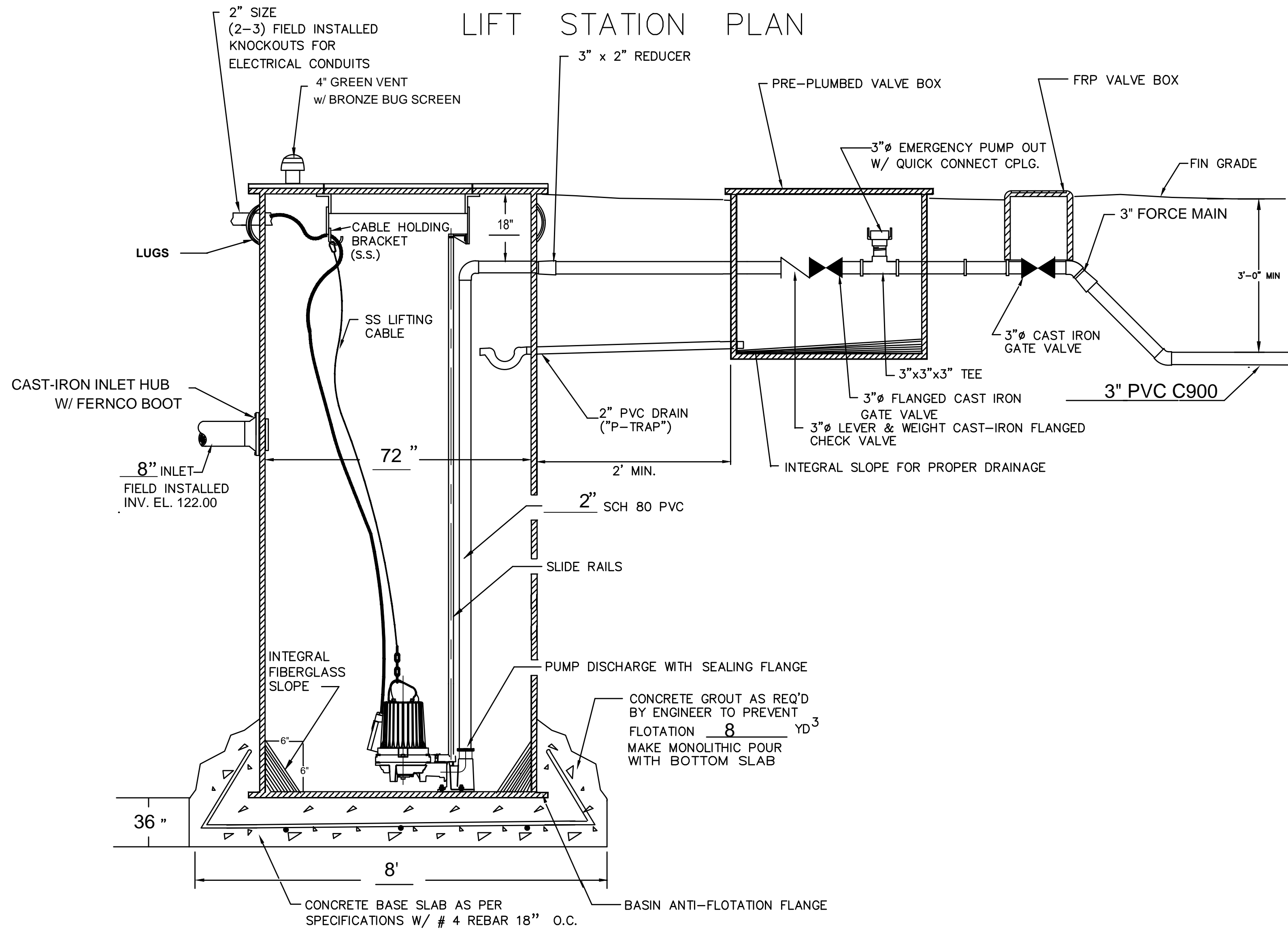
PROJECT No.: 09-011-IH DATE: MARCH 2011

Drawing: C:\Users\kknouff\appdata\local\temp\AcPublish_3136\LS-309 REBUILD.dwg
 Layout: COVER SHEET
 Jan 10, 2012 1:42pm

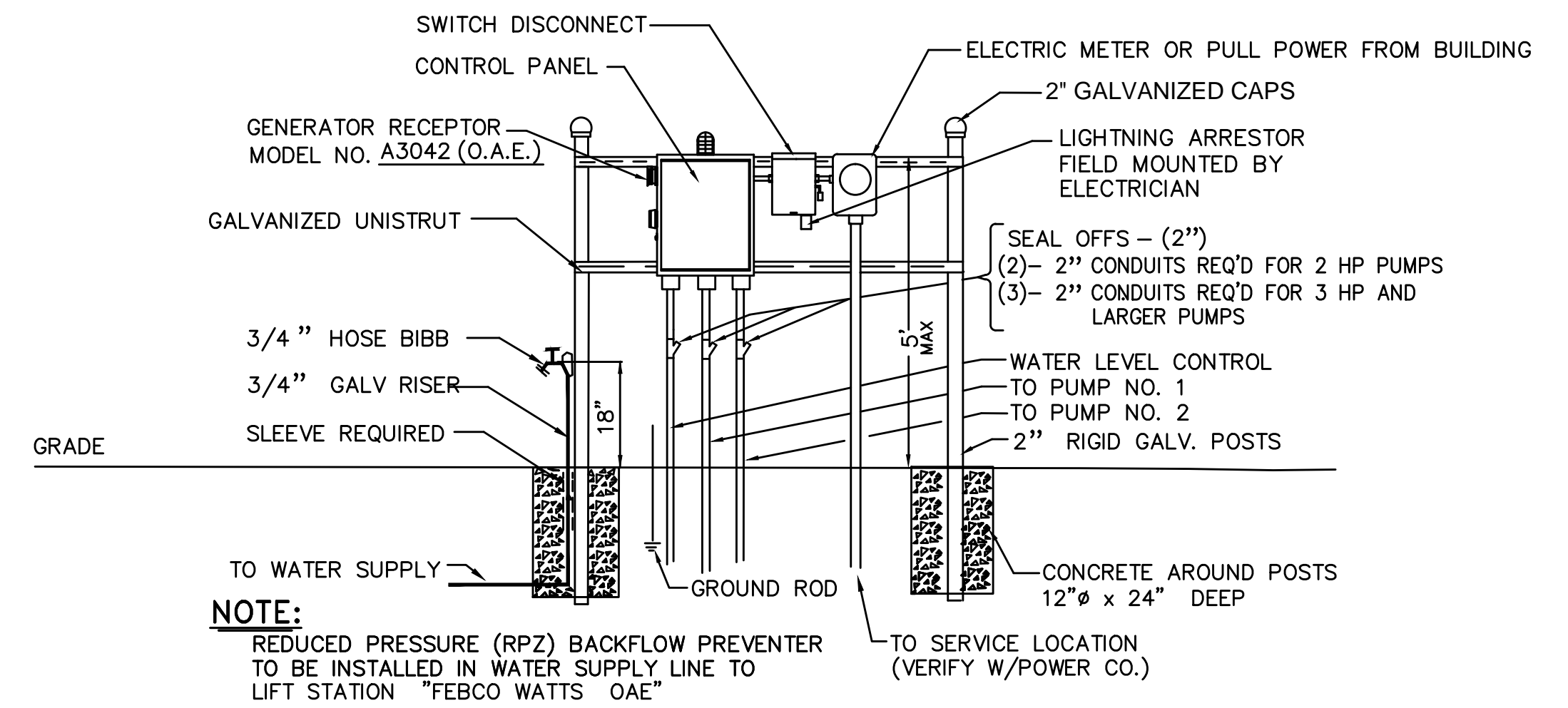


NOTE: PUMP CONTROL SHALL BE LOCATED 3 FEET FROM WET WELL PERIMETER AT LOCATION SHOWN ON NEW CONSTRUCTION PLAN SHEET 3.

LIFT STATION PLAN



LIFT STATION SECTION



NOTE: REDUCED PRESSURE (RPZ) BACKFLOW PREVENTER TO BE INSTALLED IN WATER SUPPLY LINE TO LIFT STATION "FEBCO WATTS OAE" (VERIFY W/POWER CO.)

ELECTRICAL RISER

PUMP DATA		ELEVATIONS	
PUMP CAPACITY	110 GPM	TOP OF WET WELL	129.74
TDH	27.7 TDH	INLET INVERT	122.00
PUMP MANUFACTURER	FLYGT	HIGH LEVEL ALARM	121.50
PUMP MODEL #	MP-3102.170 GRINDER	2	121.00
R.P.M.	3490	1	120.50
HORSEPOWER	6.0	PUMPS OFF	120.00
ELECTRICAL - VOLTS / PHASE	230/3Ø	BOTTOM OF WET WELL	118.74
PUMP DISCHARGE SIZE	2"	WET WELL DIAMETER	72"
SOLIDS HANDLING	GRINDER		
IMPELLER SIZE	216		

* ELECTRICIAN NOTES

- DRAWING IS NOT TO SCALE.
- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES.
- ELECTRICIAN SHALL SEAL OFF CONDUIT RUNS INSIDE WET WELL AND INSIDE CONTROL PANEL.
- ELECTRICIAN TO MOUNT LIGHTNING ARRESTOR AT SWITCH DISCONNECT
- BOTH WET WELL AND VALVE BOX SHALL BE LOCKABLE
- CONTRACTOR SHALL FIELD INSTALL INLET FITTING AT PROPER ELEVATION.
- ALL HARDWARE AND FASTENERS SHALL BE STAINLESS STEEL.

WINTER HAVEN <i>The Chain of Lakes City</i>	ENGINEERING SERVICES DIVISION 490 THIRD STREET, N.W. WINTER HAVEN, FLA. 33881 (863) 291-5850	LIFT STATION DETAILS	AMIN A HANHAN FL. P.E. NO. 68410 SHEET NO.	4
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