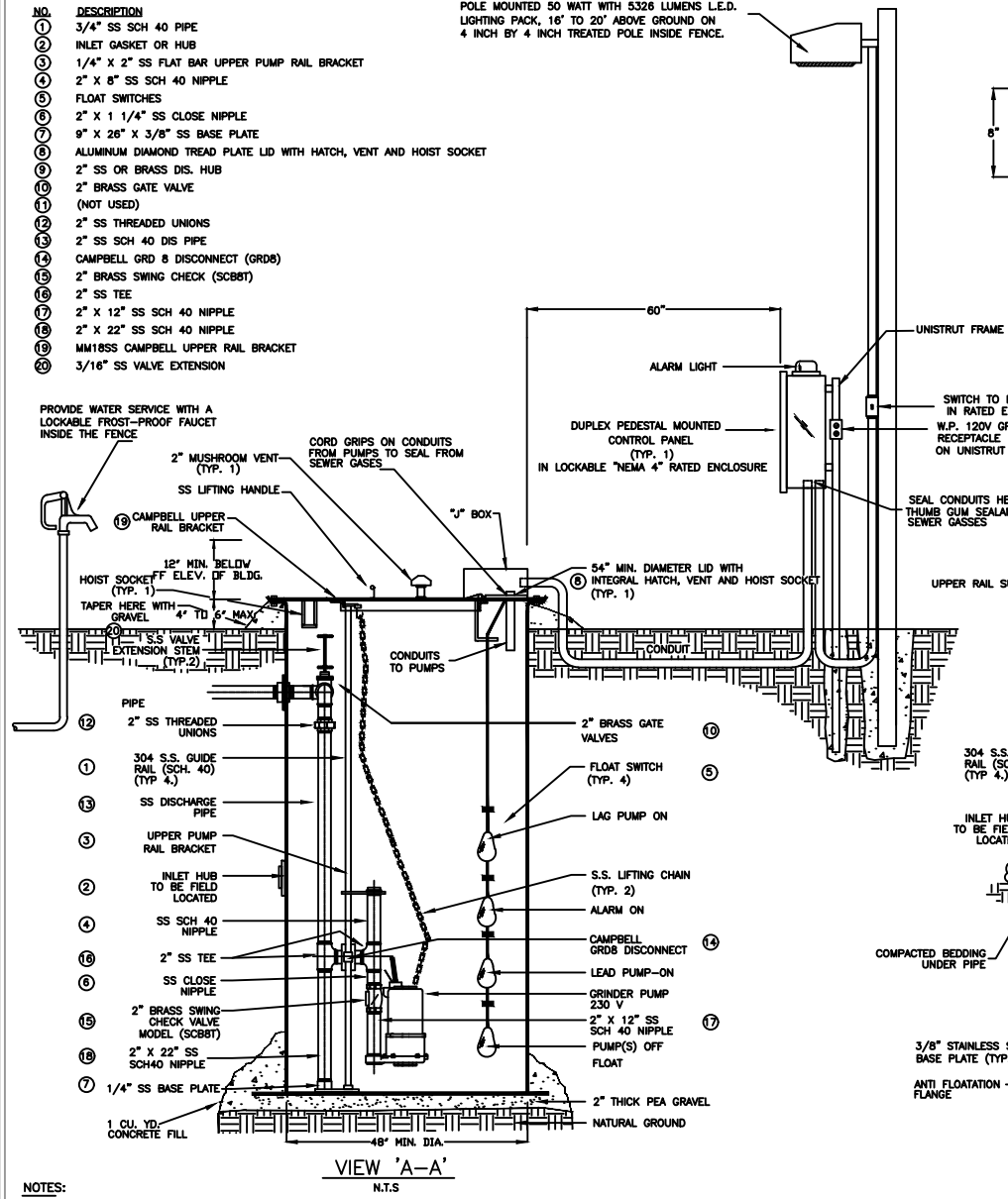
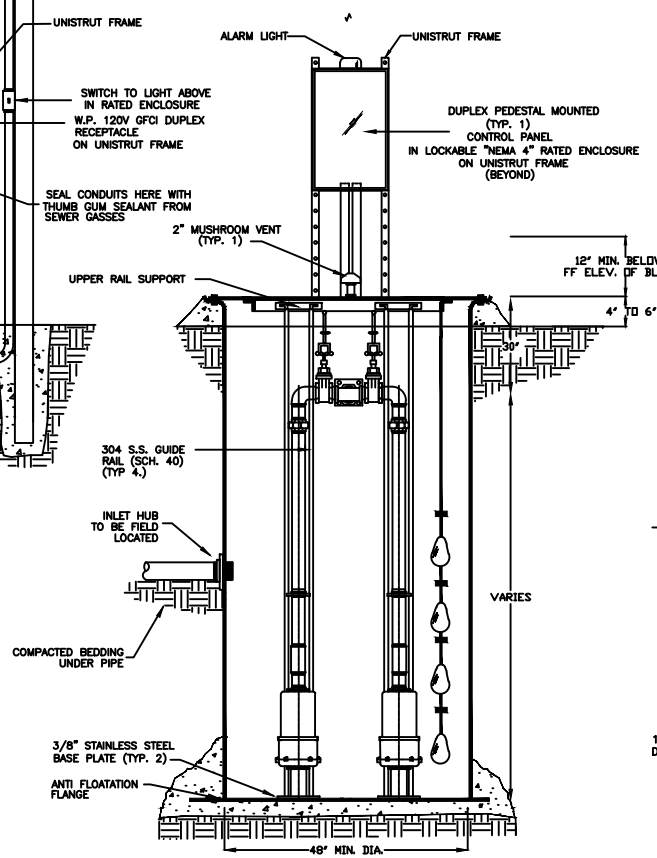
FIBERGLASS TANK

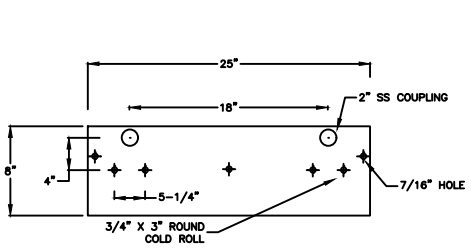
NO.	DESCRIPTION
1	3/4" SS SCH 40 PIPE
2	INLET GASKET OR HUB
3	1/4" X 2" SS FLAT BAR UPPER PUMP RAIL BRACKET
4	2" X 8" SS SCH 40 NIPPLE
5	FLOAT SWITCHES
6	2" X 1 1/4" SS CLOSE NIPPLE
7	9" X 26" X 3/8" SS BASE PLATE
8	ALUMINUM DIAMOND TREAD PLATE LID WITH HATCH, VENT AND HOIST SOCKET
9	2" SS OR BRASS DIS. HUB
10	2" BRASS GATE VALVE
11	(NOT USED)
12	2" SS THREADED UNIONS
13	2" SS SCH 40 DIS PIPE
14	CAMPBELL GRD 8 DISCONNECT (GRD8)
15	2" BRASS SWING CHECK (SCB8T)
16	2" SS TEE
17	2" X 12" SS SCH 40 NIPPLE
18	2" X 22" SS SCH 40 NIPPLE
19	MM18SS CAMPBELL UPPER RAIL BRACKET
20	3/16" SS VALVE EXTENSION



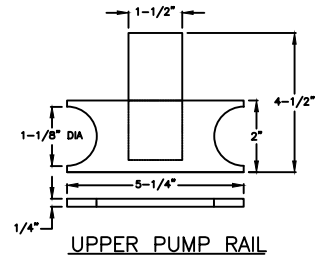
VIEW 'A-A'
N.T.S



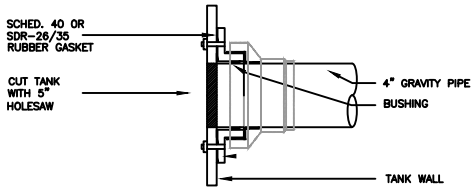
VIEW 'B-B'
N.T.S



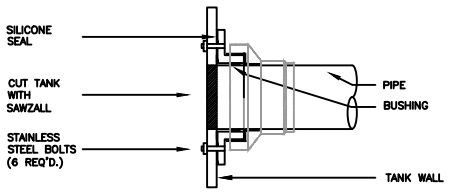
STAINLESS STEEL FINISH BASE PLATE
N.T.S



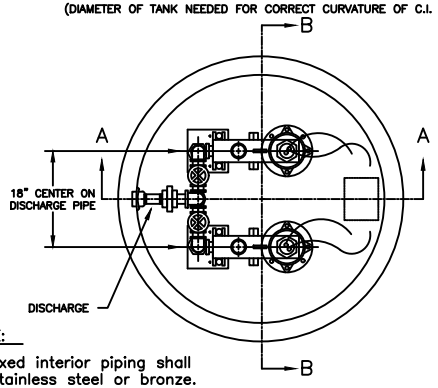
UPPER PUMP RAIL STAINLESS STEELBRACKET DETAIL
N.T.S
(BRACKET CONSTRUCTION TO BE SS)



HUB DETAIL FOR 4" GRAVITY MAIN
N.T.S
(DIAMETER OF TANK NEEDED FOR CORRECT CURVATURE OF C.I. HUB)



HUB DETAIL FOR 6" AND ABOVE GRAVITY MAIN
N.T.S
(DIAMETER OF TANK NEEDED FOR CORRECT CURVATURE OF C.I. HUB)



PLAN VIEW
N.T.S

NOTE:
All fixed interior piping shall be stainless steel or bronze.

NOTES:
* ALL INTERIOR PIPING TO BE STAINLESS STEEL.
* TANK MUST BE 4" TO 6" ABOVE SURROUNDING GROUND
* BRASS CHECK VALVE TO BE INSTALLED EXTERNALLY
* PIPING FOR 5 – 10 HP TO BE 2" DIA.
* THE LIFT STATION CANNOT BE IN A DEPRESSION WHERE STORMWATER COLLECTS OR IS CHANNELED AS THIS WOULD LEAD TO INFILTRATION.

SHEET: 1 OF 2
CHECKED BY:
DESIGNED BY:
DRAWN BY: S.Y. / JML
CAD FILE: SEWER SPECS
SCALE: N.T.S.
DATE: 1/1/2007

ENGR. SEAL:

PROJECT TITLE:

STANDARD DESIGN GUIDELINES
5, 7.5, 10HP DUPLEX GRINDER PUMP STATION
SHEET 1 OF 2

REVISIONS		
NUMBER	DATE	DESCRIPTION
	AUG 2016	CREATED 3-10 HP SPEC DWG
	DEC 2018	CREATED 5-10 HP SPEC DWG

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HOT SPRINGS GARLAND COUNTY, ARKANSAS

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