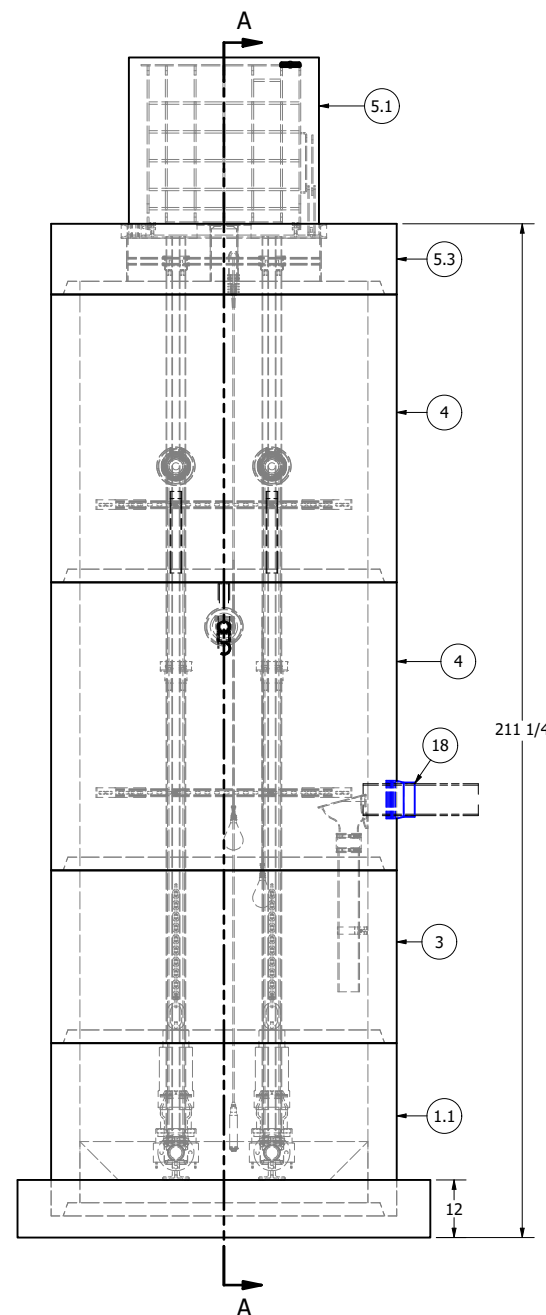


PRIMARY SENSOR ELEVATION TABLE		Δ
DESCRIPTION	ELEVATION	
INFLUENT INVERT	39.74'	1.35'
HIGH LEVEL ALARM	38.39'	0.50'
LAG PUMP START	37.89	1.00'
LEAD PUMP START	36.89	1.00'
PUMP STOP	35.89'	2.50'
WELL FLOOR	33.39'	

NOTE: TOP SLAB AND HATCH ARE
H-20 OCCASIONAL TRAFFIC RATED



PARTS LIST			
ITEM	QTY	STOCK NUMBER	DESCRIPTION
1	1	10-CB000000	BASE SLAB ASSEMBLY
1.1	1	10-CB05360W	BASE - WW - 5ft DIA x 36in (WILSONVILLE)
1.2	1	10-GR050000	GROUT RING - 5ft DIA - 8in
1.3	2	31-EL2H03EB	DISCHARGE ELBOW - 2.5in X 3in - EBARA
1.4	2	31-HW00AKS6	ANCHOR KIT - 316SS - DISCHARGE ELBOW
1.5	2	31-QD2HLM6B	QDC - 2.5in - LM65 - EBARA
1.6	2	44-AD03HYGP	FLANGE ADAPTER - 3in - HYMAX GRIP
2	1	11-LC0500EX	COATING - EXTERIOR - 5ft DIA - TNE MEC 46H-413
3	1	12-CR05360W	BARREL - 5ft DIA x 3ft H
4	2	12-CR05600W	BARREL - 5ft DIA x 5ft H
5	1	14-CT000000	TOP SLAB ASSEMBLY
5.1	1	13-HH05HD0U	HATCH - H20 - 5ft
5.2	1	13-VT0000AL	VENT - ALUMINUM - FLUSH
5.3	1	14-CT05HD0W	TOP SLAB - 5ft DIA - H20
6	1	15-BR04SS35	BRACKET - PIPE - 4in -SS35 - SDR35
7	1	15-CP040000	COUPLING - FERRO - 4in
8	1	15-DB464005	DROP BOWL - 4in thru 6in INLET x 4in OUTLET - 4ft - 5ft WET WELL
9	2	17-AC38000B	BOLT KIT - UPPER GUIDE BAR BRACKET
10	2	17-IG0154EB	BRACKET - 304SS - INTERMEDIATE GUIDE BAR - 1in
11	2	17-UG0154EB	BRACKET - 304SS - UPPER GUIDE BAR - 1in
12	2	18-BR000000	BRACKET ASSEMBLY - 316SS - DISCHARGE SUPPORT
13	1	30-PU000000	PUMP SHIPPING CRATE
13.1	2	30-PU0000EB	PUMP - EBARA 80DVCFMU63.7 5HP
13.2	2	30-PUCABL05	PUMP OPTION: LONG CABLES - 75ft - 5HP
13.3	2	32-AC0000EB	LIFTING ASSEMBLY - EBARA (2 @ 18.5ft, full length S5 9/32" 316ss chain)
13.4	2	32-CGSS0000	CABLE SUPPORT GRIP - 304SS - 0.75in-0.99in
13.5	1	32-PLGE0000	GRIP EYE UNIT
14	62.0 ft	40-PP0100S4	PIPE - 304SS SCH40 - 1in DIA (4 @ 90in & 4 @ 96in)
15	2	44-CP030HD0	COUPLING - 3in - HYMAX GRIP
16	1	50-AC000000	WELL SHIPPING CRATE
16.1	1	13-KY000000	HATCH KEY
16.2	4	18-AC00CH00	CABLE HANGER ASSEMBLY - 316SS
16.3	4	18-HD040000	LIFTING CLUTCH - 4 TON
16.4	1	51-AC00NSTB	NEVER SIEZE - TUBE
16.5	80	51-JWCS2120	JOINT WRAP - 12in - CONSEAL CS-212
16.6	9	51-SECS1900	SEALANT - TUBE - CONSEAL CS-1900
16.7	83.5	51-SECS2315	SEALANT - 1in x .75in - CONSEAL CS-231
16.8	1	62-CG00PT00	CORD GRIP - PRESSURE TRANSDUCER - WEDGE CLAMP
16.9	1	72-DB020SP8	DRAINBACK VALVE - PVC - 2in
16.10	1	80-FI00PT00	DESSICANT FILTER - PRESSURE TRANSDUCER
16.11	2	80-FS20MSNL	FLOAT - 20m - MS1 - NOLTA
16.12	1	80-PT1500EH	PRESSURE TRANSDUCER - 0-15PSI - 60ft CABLE - E&H
17	3	59-KB080400	KOR-N-SEAL - 8in CORE - 4in thru 1.5in PIPE
18	1	59-KB0806P0	KOR-N-SEAL - 8in CORE x 6in PVC PIPE
19	28.0 ft	70-PP0300P8	PIPE - PVC SCH80 - 3in DIA
20	2.5 ft	70-PP0400P4	PIPE - PVC SCH40 - 4in DIA
21	2	76-EL039080	ELBOW - PVC SCH80 - 3in x 90deg - SLIP

5' DIAMETER WET WELL
3" DISCHARGE PIPING
EBARA VORTEX
3" - 660 VALVE VAULT

FOR PRODUCTION

NOTE: ALL DIMENSIONS AND ELEVATIONS SHOWN ARE NOMINAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE ON-SITE CONTRACTOR OR ROMTEC UTILITIES CUSTOMER (NOT ROMTEC UTILITIES) TO VERIFY THE ACCURACY OF ANY CRITICAL DIMENSIONS OR ELEVATIONS PRIOR TO SETTING OR INSTALLING ANY EQUIPMENT.

WARRENTON MIDDLE SCHOOL

WARRENTON, OR

WET WELL ASSEMBLY

COMPONENT DRAWING



182-40 NORTH BANK ROAD
ROSEBURG, OREGON 97470
PHONE: (541) 496-9678
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VERIFY SCALE

AS SHOWN ON DRAWING
PRINTED HERE FROM:
BME EQUALS ONE INCH

0 _____ 1"

NOT ONE INCH ON
SCALES ACCORDINGLY

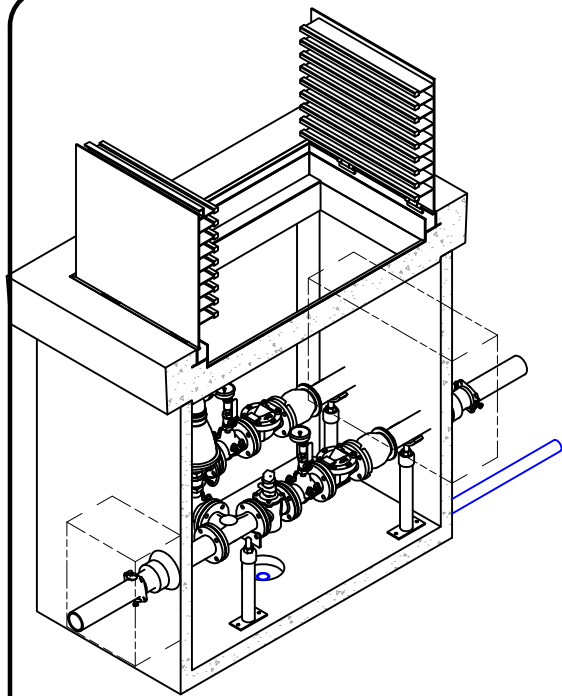
DSN: AD	7/28/2020	UPDATED TYPE ELEVATIONS
DRN: AD	7-14-20	LAUNCH DOCS
CKO: AD	DATE	DESCRIPTION
REV	BY	HISTORY

MECHANICAL SHEET

1 OF 4

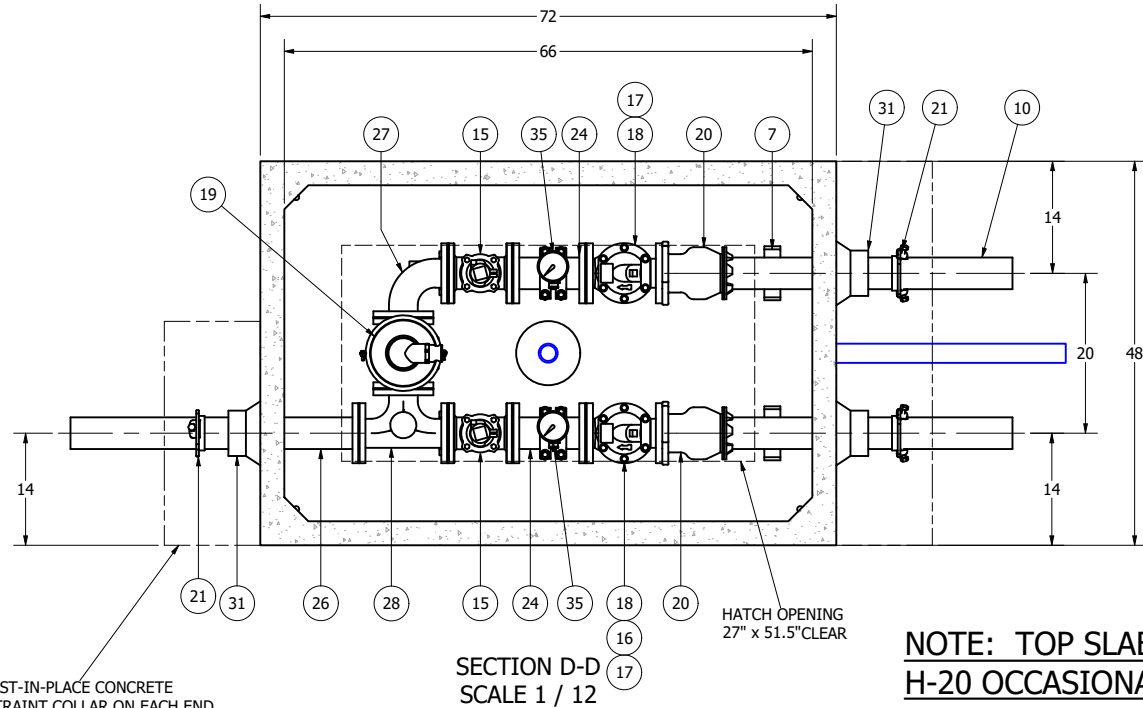
DATE: 3-9-20

REVISION HISTORY



660 VALVE VAULT
3" PIPING AND VALVES
with ARV

12" THICK CAST-IN-PLACE CONCRETE
THRUST RESTRAINT COLLAR ON EACH END.
(BY OTHERS)



SECTION D-D
SCALE 1 / 12

NOTE: TOP SLAB AND HATCH ARE
H-20 OCCASIONAL TRAFFIC RATED

FOR PRODUCTION

COLOR LEGEND

- MAJOR CONCRETE COMPONENTS WITH PRE-INSTALLED COMPONENTS.
- COMPONENTS PRE-ASSEMBLED TO THE EXTENT POSSIBLE AND WILL NEED TO BE FIELD INSTALLED.

NOTE: PRE-ASSEMBLY IS DONE AT ROMTEC UTILITIES' DISCRETION AND MAY CHANGE AT THE TIME OF PRODUCTION.

ALL MATERIALS SHOWN ON THIS SHEET WILL BE SUPPLIED BY ROMTEC UTILITIES AND DELIVERED TO THE SITE AFTER THE HOLE HAS BEEN EXCAVATED AND SHORED. THE CONTRACTOR SHALL SUPPLY A CRANE OF SUFFICIENT SIZE TO LOWER ALL THE CONCRETE PIECES INTO THE HOLE SAFELY. THE CONTRACTOR SHALL INSTALL THE WET WELL (AND VALVE VAULT AND METERING VAULT IF APPLICABLE). ROMTEC UTILITIES WILL PROVIDE A REPRESENTATIVE FOR TECHNICAL ASSISTANCE ON THE DAY OF INSTALLATION TO ANSWER ANY QUESTIONS THAT MAY ARISE. THE CONTRACTOR IS RESPONSIBLE FOR ALL PLUMBING AND ELECTRICAL CONNECTIONS AND INSTALLATION. ITEMS NOTED AS "BY OTHERS" WILL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. ROMTEC UTILITIES WILL NOT INSTALL ANY OF THE COMPONENTS SHOWN ON THIS PAGE.



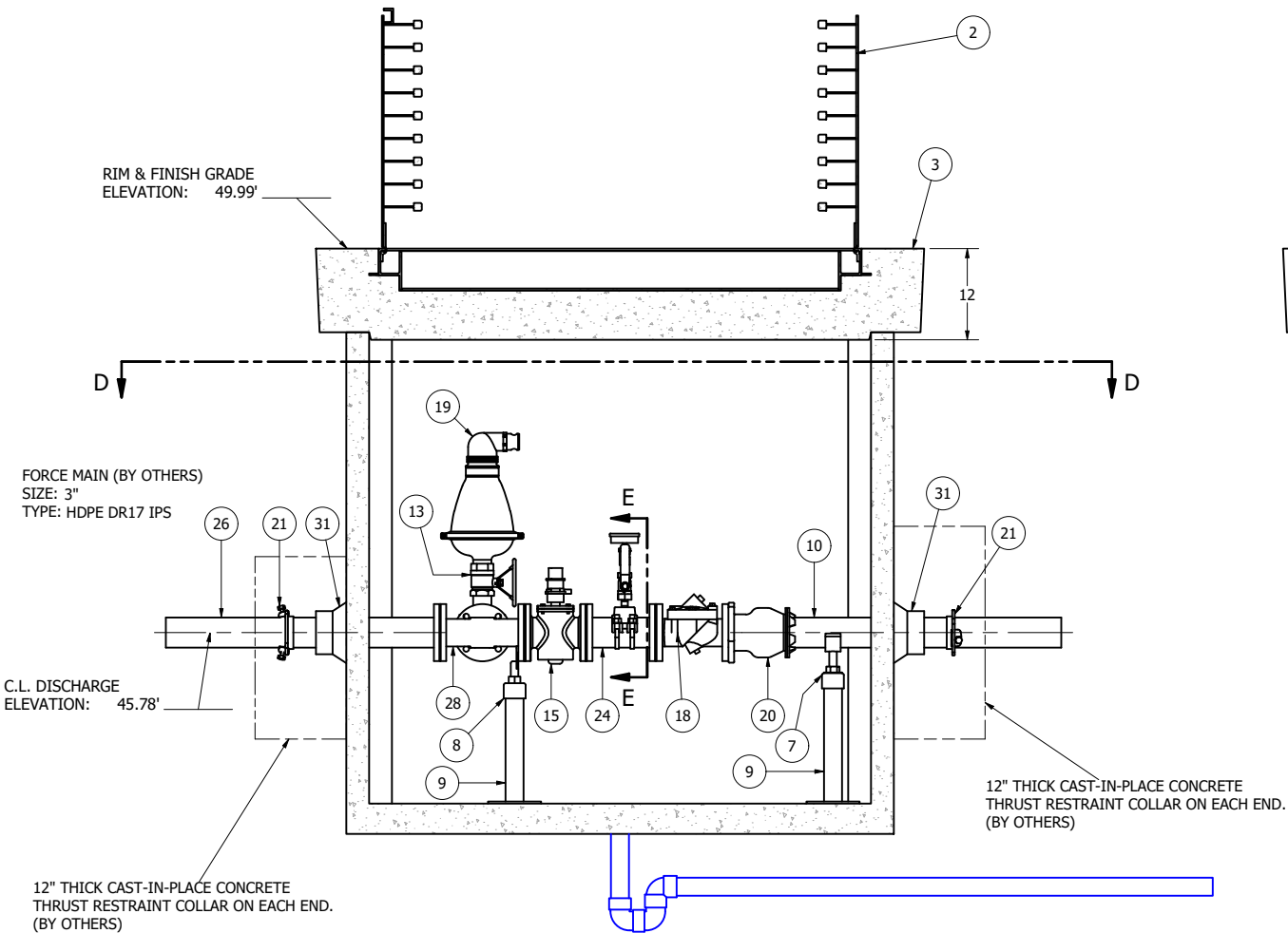
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RIM & FINISH GRADE
ELEVATION: 49.99'

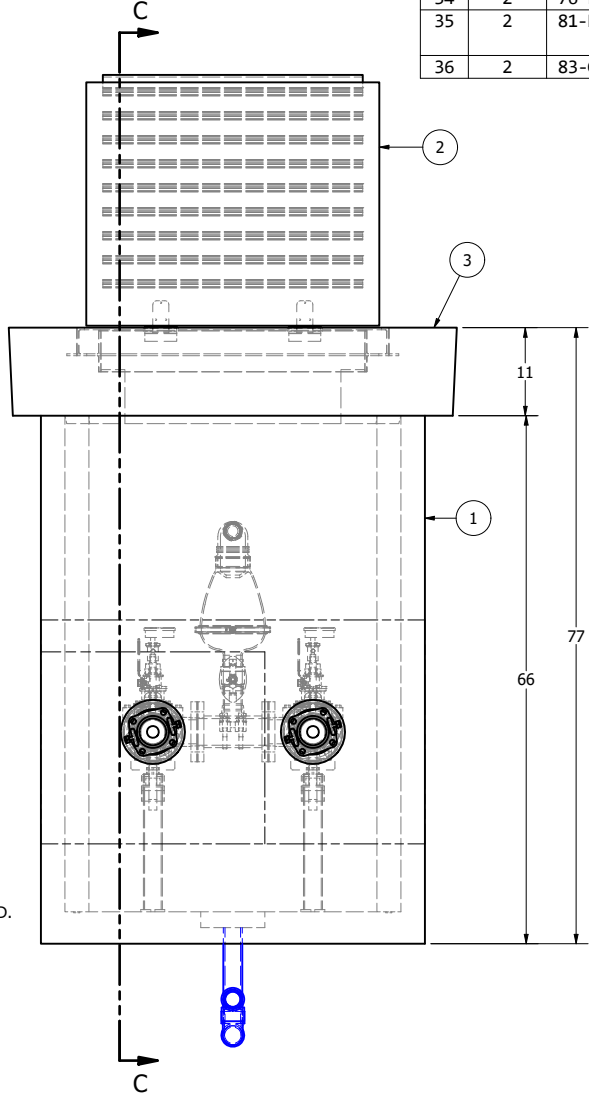
FORCE MAIN (BY OTHERS)
SIZE: 3"
TYPE: HDPE DR17 IPS

C.L. DISCHARGE
ELEVATION: 45.78'

12" THICK CAST-IN-PLACE CONCRETE
THRUST RESTRAINT COLLAR ON EACH END.
(BY OTHERS)



SECTION C-C
SCALE 1 / 12



SECTION E-E
SCALE 1 / 4

NOTE: ALL DIMENSIONS AND ELEVATIONS SHOWN ARE NOMINAL DIMENSIONS. IT IS THE RESPONSIBILITY OF THE ON-SITE CONTRACTOR OR ROMTEC UTILITIES CUSTOMER (NOT ROMTEC UTILITIES) TO VERIFY THE ACCURACY OF ANY CRITICAL DIMENSIONS OR ELEVATIONS PRIOR TO SETTING OR INSTALLING ANY EQUIPMENT.

PARTS LIST				
ITEM	QTY	STOCK NUMBER	DESCRIPTION	
1	1	20-CB660000	BASE - VV - 660	
2	1	23-HH6600HE	HATCH - VV - 660 - H20	
3	1	24-CT660HD0	TOP SLAB - VV - 660 - H20	
4	2	25-KY0000BR	BRACKET - VALVE KEY	
5	1	25-KY0600GW	VALVE KEY - 6ft - GATE WRENCH	
6	4	25-PS00BAPL	PIPE STAND BASE PLATE - 304SS	
7	2	25-PS03S89F	PIPE STAND - 304SS - 3in SADDLE	
8	2	25-PS03S92S	PIPE STAND - 304SS - 3in FLANGE	
9	5.4 ft	40-PP0200S4	PIPE - 304SS SCH40 - 2in DIA	
10	7.0 ft	40-PP0300D0	PIPE - DI - 3in DIA (2 @ 42in, CL 52)	
11	1	40-TT0203S4	NIPPLE - 304SS - 2in DIA x 3in	
12	4	40-TT0H02S4	NIPPLE - 304SS - 0.5in DIA x 2in	
13	1	41-BV020VS6	BALL VALVE - 316SS - 2in - OVAL HANDLE	
14	2	41-BV0H00S6	BALL VALVE - 316SS - 0.5in	
15	2	41-PV0300D0	PLUG VALVE - 3in - DIRECT OP NUT	
16	1	42-AC0300BF	BACKFLOW ACTUATOR - 3in	
17	2	42-MI034600	MECHANICAL INDICATOR - 3in THRU 6in	
18	2	42-SF0300D0	CHECK VALVE - SWING FLEX - 3in	
19	1	43-AV020ARI	VALVE - AIR VACUUM RELEASE - 2in - ARI	
20	2	44-AD03HYGP	FLANGE ADAPTER - 3in - HYMAX GRIP	
21	3	44-RG030STR	RETAINER GLAND - 3in - HEAVY DUTY	
22	1	44-TS030200	TAPPING SADDLE - 3in x 2in NPT	
23	2	44-TS030H00	TAPPING SADDLE - 3in x .5in NPT	
24	2	45-FF030090	SPOOL - DI - 3in DIA x 9in - FLGxFLG	
25	1	45-FF030830	SPOOL - DI - 3in DIA x 8.75in - FLGxFLG	
26	1	45-FF030360	SPOOL - DI - 3in DIA x 36in - FLGxPE	
27	1	46-EL0390DI	ELBOW - DI - 3in x 90deg - FLGxFLG	
28	1	46-TE0303DI	TEE - DI - 3in FLGxFLG	
29	9	49-GS030000	GASKET - FLANGE - 3in	
30	29	51-SE0101SL	JOINT SEALANT - 1in - CONSEAL CS-202	
31	3	59-KB080400	KOR-N-SEAL - 8in CORE - 4in thru 1.5in PIPE	
32	7.0 ft	70-PP0200P8	PIPE - PVC SCH80 - 2in DIA	
33	1	76-EL029080	ELBOW - PVC SCH80 - 2in x 90deg - SLIP	
34	2	76-EL02908S	ELBOW - PVC SCH80 - 2in x 90deg - SLIPxSPIG	
35	2	81-PG3H00QB	PRESSURE GAUGE - 3.5in DIA x .25in MNPT	
36	2	83-GI0HF0QF	DIAPHRAGM SEAL - 0.5in FNPT x 0.25in FNPT	



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WARRENTON MIDDLE SCHOOL

WARRENTON, OR
VALVE VAULT ASSEMBLY
COMPONENT DRAWING

MECHANICAL SHEET
2 OF 4

LAUNCH DOCS
DESCRIPTION

1 7-14-20
REV DATE

DATE: 3-11-20