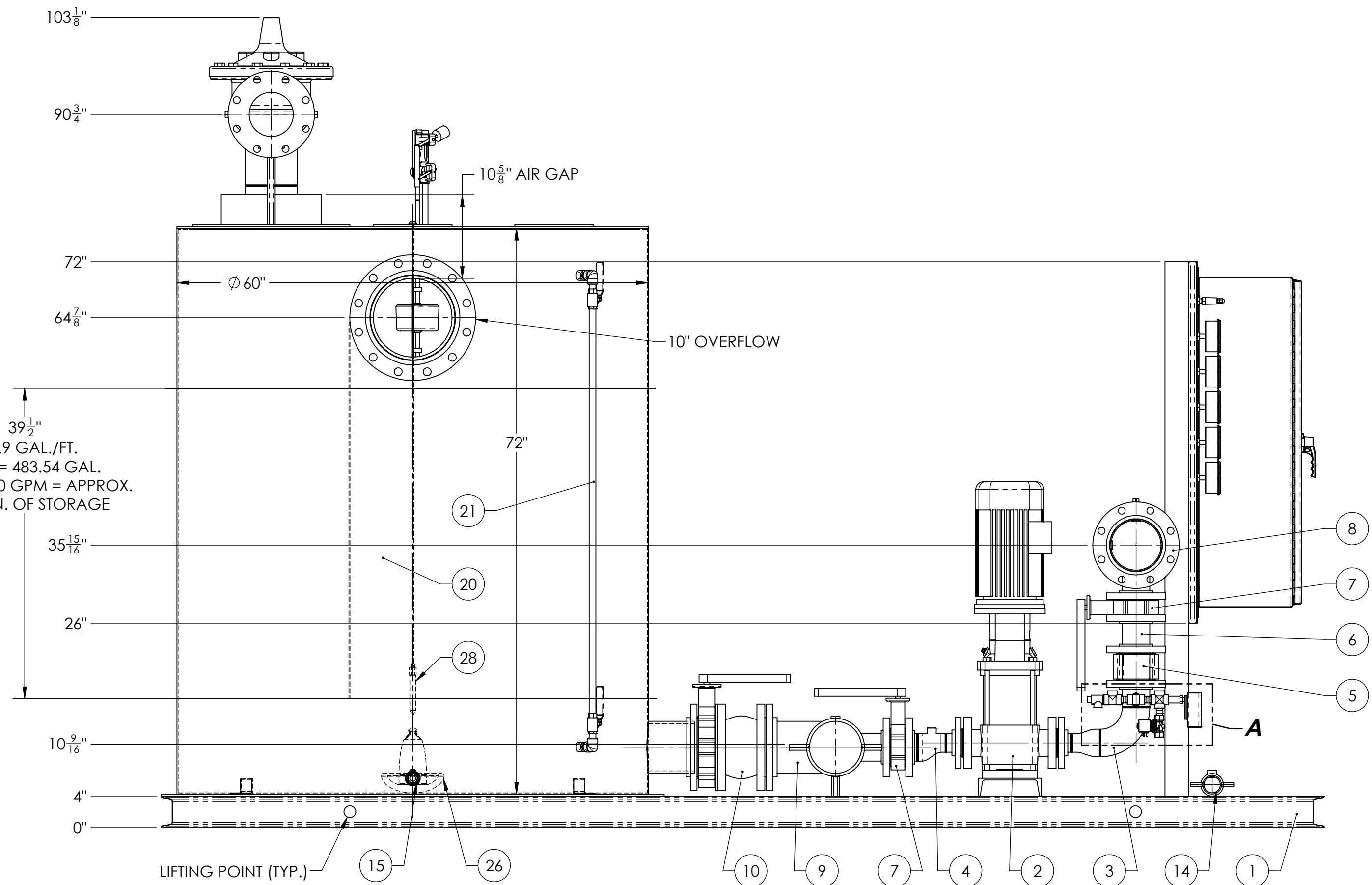
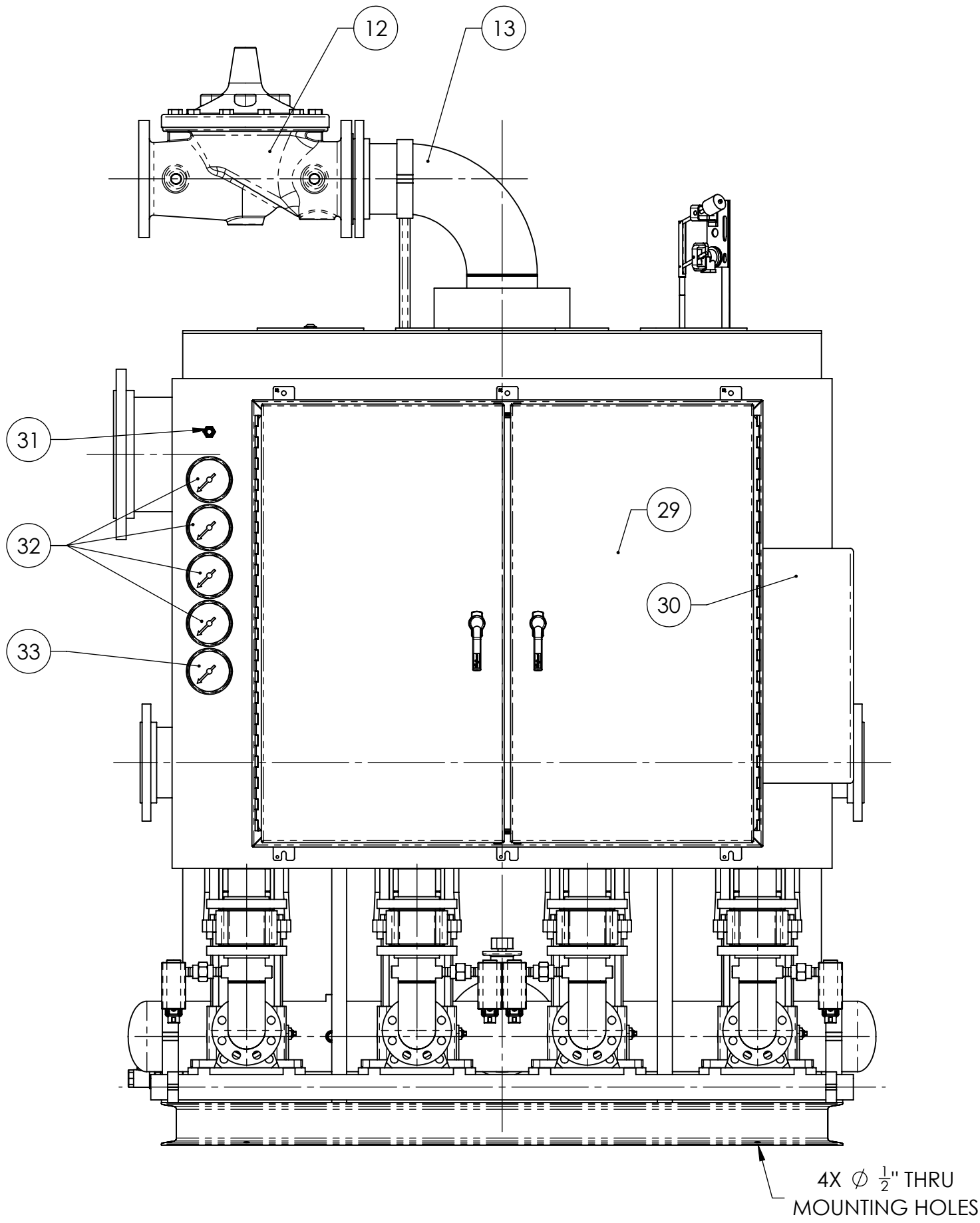


DETAIL A
SCALE 1 : 6

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	STRUCTURAL STEEL FRAME		1
2	CR 15-4	7 1/2 HP VERTICAL MULTI-STAGE PUMP	4
3	3' X 2" FABRICATED ELBOW	ANSI CLASS 300 X 150 FLANGES, STAINLESS STEEL PIPE	4
4	3' X 2" FABRICATED SPOOL	ANSI CLASS 300 X 150 FLANGES, STAINLESS STEEL PIPE	4
5	3" WAFER SILENT CHECK VALVE	SILENT CHECK VALVE, WAFER STYLE, ANSI CLASS 125/250	4
6	3" FABRICATED SPOOL	ANSI CLASS 150 FLANGES, STAINLESS STEEL PIPE	4
7	3" BUTTERFLY VALVE - 31H	ANSI CLASS 125/150 BUTTERFLY VALVE - 250 PSI MAX	8
8	6" DISCHARGE HEADER	ANSI CLASS 150 FLANGES, STAINLESS STEEL PIPE	1
9	6" SUCTION HEADER	ANSI CLASS 150 FLANGES, STAINLESS STEEL PIPE	1
10	6" EPC		1
11	6" BUTTERFLY VALVE - 31H	ANSI CLASS 125/150 BUTTERFLY VALVE - 250 PSI MAX	1
12	6" FILL VALVE		1
13	6" FILL ELBOW	ANSI CLASS 150 FLANGE BY P.E. PIPE, STAINLESS STEEL PIPE	1
14	2" DRAIN HEADER	SCHED. 40 STAINLESS STEEL PIPE	1
15	1" BALL VALVE		1
16	AQUASTAT TREE	SCHED. 40 STAINLESS STEEL PIPING & FITTINGS	4
17	AQUA-STAT	PUMP CASING WATER TEMP MONITOR	4
18	0.5 530 C STD LF	50 TO 175 PSI, CONTRACTOR TO PIPE TO DRAIN	4
19	1/2" SOLENOID VALVE	VALVE, SOLENOID (COMPLETE) 120 VAC, 1/2" SST	4
20	BREAK TANK	60" DIA. x 72" STAINLESS STEEL	1
21	SIGHT GLASS LIQUID LEVEL GAUGE		1
22	TANK COVER	60" DIAMETER, 1/4" THICK, STAINLESS STEEL	1
23	CORD GRIP PLATE	10" DIAMETER, 1/4" THICK, STAINLESS STEEL	1
24	INSPECTION PLATE	10" DIAMETER, 1/4" THICK, STAINLESS STEEL	1
25	FILL PLATE	20" DIAMETER, 1/4" THICK, STAINLESS STEEL	1
26	ANCHOR	10lbs CAST IRON, WITH STAINLESS STEEL CHAIN FOR LEVEL CONTROL MOUNTING	1
27	CLA-VAL FILL VALVE CONTROL	MODULATING, USE WITH CLA-VAL	1
28	SUBMERSIBLE LEVEL TRANSDUCER		1
29	CONTROL ENCLOSURE		1
30	CONTROL AIR CONDITIONER		1
31	PRESSURE TRANSDUCER 300 PSI	300 PSI	1
32	PUMP PRESSURE GAUGE	0-200 PSI	4
33	DISCHARGE PRESSURE GAUGE	0-200 PSI	1



- NOTE:
1. THIS DRAWING IS PRELIMINARY LAYOUT ONLY. NOT FOR CONSTRUCTION. CONSTRUCTION DRAWINGS WILL BE FORWARDED UPON RECEIPT OF APPROVED SUBMITTALS.
 2. SOME ITEMS NOT SHOWN FOR CLARITY.
 3. CONTRACTOR/ENGINEER TO VERIFY SUCTION & DISCHARGE CONNECTION ORIENTATION.
 4. ADEQUATE LIFTING POINTS TO BE PROVIDED.
 5. ESTIMATED SYSTEM WEIGHT: 4300 LBS



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DATE	BY	REVISION	DATE	BY	REVISION	SCALE: 1:12	METROPOLITAN INDUSTRIES, INC.	TITLE:	PROJECT:	SHEET 1 OF 1
						DRN. BY: D.P.	37 FORESTWOOD DR. ROMEOVILLE, ILLINOIS 60446	QUADRAPLEX PREFABRICATED METRO ISO-PAC	QUADRAPLEX BREAK TANK SYSTEM	4174.43
						DATE: 8/6/2020	(815)886-9200 FAX (815)886-4573	PROTECTED WATER PUMP SYSTEM	ROMEOVILLE NORTH WWTP UPGRADES	DRWG INDEX / JOB NO.
						APP. BY:	PUMPS - CONTROLS - SYSTEMS		ROMEOVILLE, IL	2020W1778408-20S