COX RESEARCH & TECHNOLOGY LEACHATE PUMP CONTROL PANEL AND TRANSDUCER EQUIPMENT LIST, MODEL CP-5676	
QUANTITY	ITEM
1	HOFFMAN NEMA 4X ENCLOSURE, PART # CSD24201OSS
1	COX RESEARCH BACKPLATE/SWING PANEL, PART # CAMO242010CSD
1	SQUARE D CIRCUIT 40 AMP BREAKER, PART # QOU140
1	SQUARE D CIRCUIT 15 AMP BREAKER, PART # QOU115
1	SQUARE D CIRCUIT 10 AMP BREAKER, PART # QOU110
1	HUBBELL GFI RECEPTACLE
1	TPS SURGE SUPPRESSOR, PART # TK-LT120-15A-DIN2
1	PRECISION DIGITAL SETPOINT CONTROLLER, PART # PD6000-6R7
1	MJK SUBMERSIBLE TRANSDUCER, PART # 3400
1	ABB H.O.A. SWITCH, PART # C3SS110B-20
1	ABB BLUE PILOT LIGHT, PART # CL513L
1	CONERY ALARM LIGHT, PART # R40-XLS
1	ASCO AIR SOLENOID VALVE, PART # 8210G002
2	IDEC ELECTROMECHANICAL RELAY, PART # RY4SULCAC120
1	HOFFMAN PAD LOCK HANDLE, PART # GPDLOCKHDL
1	MASTER PNEUMATIC FILTER, PART # CF5AR350
2	1/2" x 1/2" BULKHEAD COPPER ADAPTER
2	1/2" COPPER UNION
2	1/2" x 6" COPPER PIPE
2	1/2" 90° COPPER ELBOW
1	1/2" MALE TO MALE FITTING

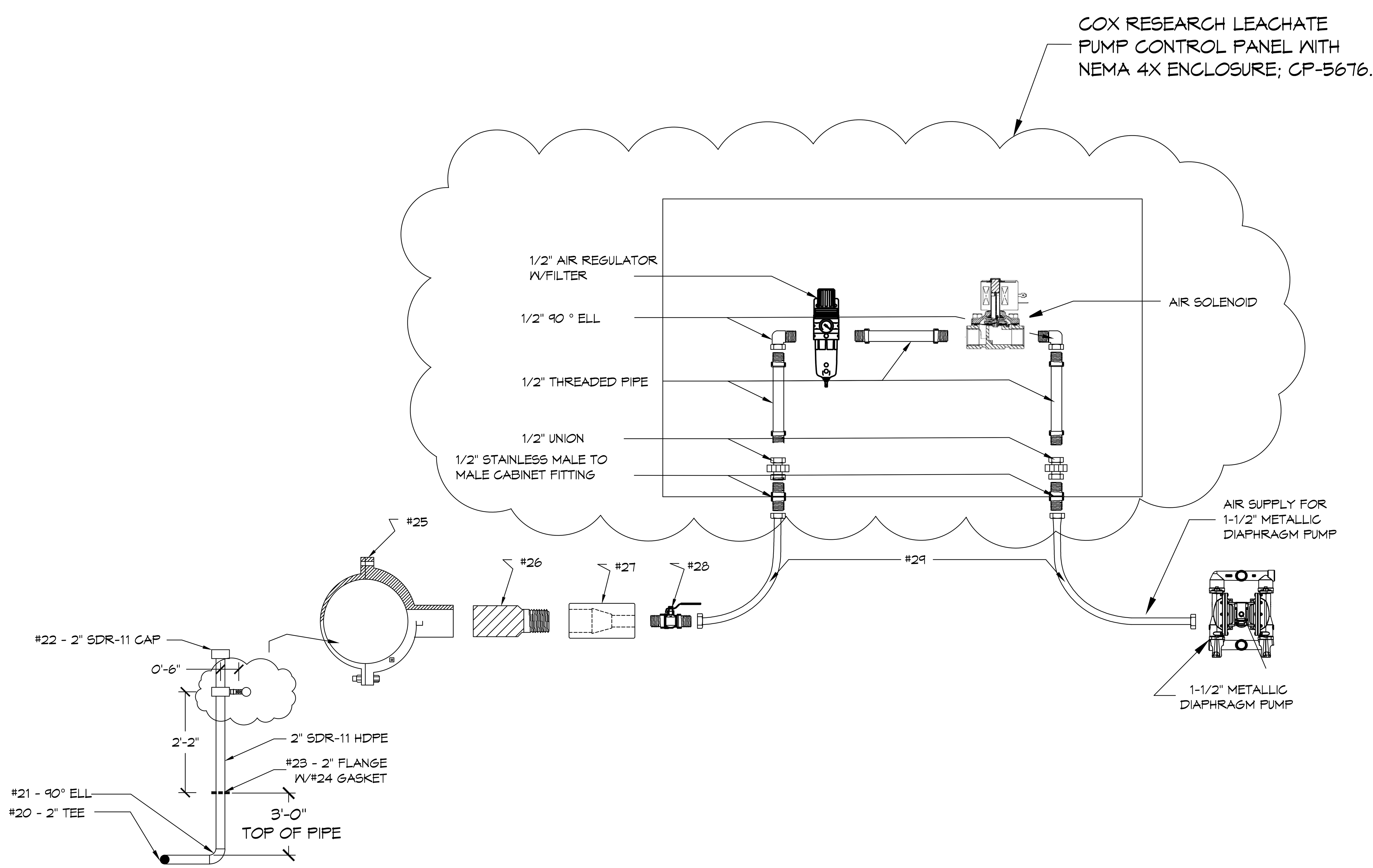
DIAPHRAGM PUMP DESIGNED TO OPERATE, 40 GPM, 22scfm @50psi

MECHANICAL EQUIPMENT LIST	
QUANTITY	ITEM
3	1-1/2" METALLIC DIAPHRAGM PUMP, 40 GPM, MANUFACTURE: ARO; MODEL: PD-15A-AAS-CC

MATERIAL LIST

#	ITEM
1	1.5" SUMP STRAINER, 50 GPM; PART # CASS - 50 - 1-1/2 - NIPPLE - 100
2	1.5" SCH 80 PVC FEMALE ADAPTER NPT x SOCKET
3	1.5" SCH 80 PVC PIPE
4	1.5" PVC ZOELLER UNICHECK VALVE; PART # 30-0041 CLEAR BODY
5	1.5" FLEXIBLE SUCTION TUBING, 90 psi; STAINLESS STEEL NPTF (F) BOTH ENDS
6	1.5" POLYCAM TRANSITION HDPE TO STAINLESS STEEL
7	1.5" FLEXIBLE TUBING, 150 psi; STAINLESS STEEL CAMLOCK DISCONNECT (FEMALE) x NPTF (F)
8	1.5" STAINLESS CAMLOCK DISCONNECT (MALE) W/FEMALE PIPE THREADS
9	1.5" STAINLESS BALL VALVE W/ MALE PIPE THREADS
10	1.5" STAINLESS COLLAR
11	6" X 1.5" HDPE SADDLE
12	6" SDR-11 CAP
13	6" SDR-11 FLANGE W/CI RING
14	6" POLYETHYLENE GASKET
15	6" SDR-11 90 ° ELL
16	6" STAINLESS BALL OR GATE VALVE WITH FLANGE
17	6" CAMLOCK STANLESS (MALE) W/FEMALE PIPE THREADS
18	6" BLIND FLANGE
19	6" SDR-11 BUTT TEE
20	2" SDR-11 BUTT TEE
21	2" SDR-11 90 ° ELL
22	2" SDR-11 CAP
23	2" SDR-11 FLANGE W/CI RING
24	2" POLYETHYLENE GASKET
25	2" X 1" HDPE SADDLE
26	1" POLYCAM TRANSITION HDPE TO STAINLESS STEEL
27	1" TO 1/2" STAINLESS STEEL REDUCER
28	1/2" STAINLESS STEEL BALL VALVE
29	1/2" FLEXIBLE HOSE, 150 PSI RATED WITH FEMALE THREADED STAINLESS COUPLINGS EACH END.

NOTE: NAMING A CERTAIN BRAND, MAKE OR MANUFACTURER IS TO DESIGNATE THE GENERAL STYLE, TYPE, CHARACTER AND QUALITY STANDARD OF THE PRODUCT DESIRED. SUBSTITUTION REQUESTS MUST BE SUBMITTED PRIOR TO BIDDING.



COMPRESSED AIR HEADWALL DETAILS

N.T.S.

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M103 M103

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LOUISIANA & MISSISSIPPI

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#	DESCRIPTION	REVISIONS	DATE

SEAL:

TANGIPAHOA CELL 14 BUILDOUT

TANGIPAHOA REGIONAL SOLID WASTE FACILITY
57510 HANO ROAD
INDEPENDENCE, LOUISIANA

JOB No:	2374	DATE:	4/5/2019
DRAWN BY:	DPD	CHECKED BY:	BM

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SHEET TITLE:
COMPRESSED AIR DETAILS

DRAWING NUMBER:
M103

SHEET No: of #