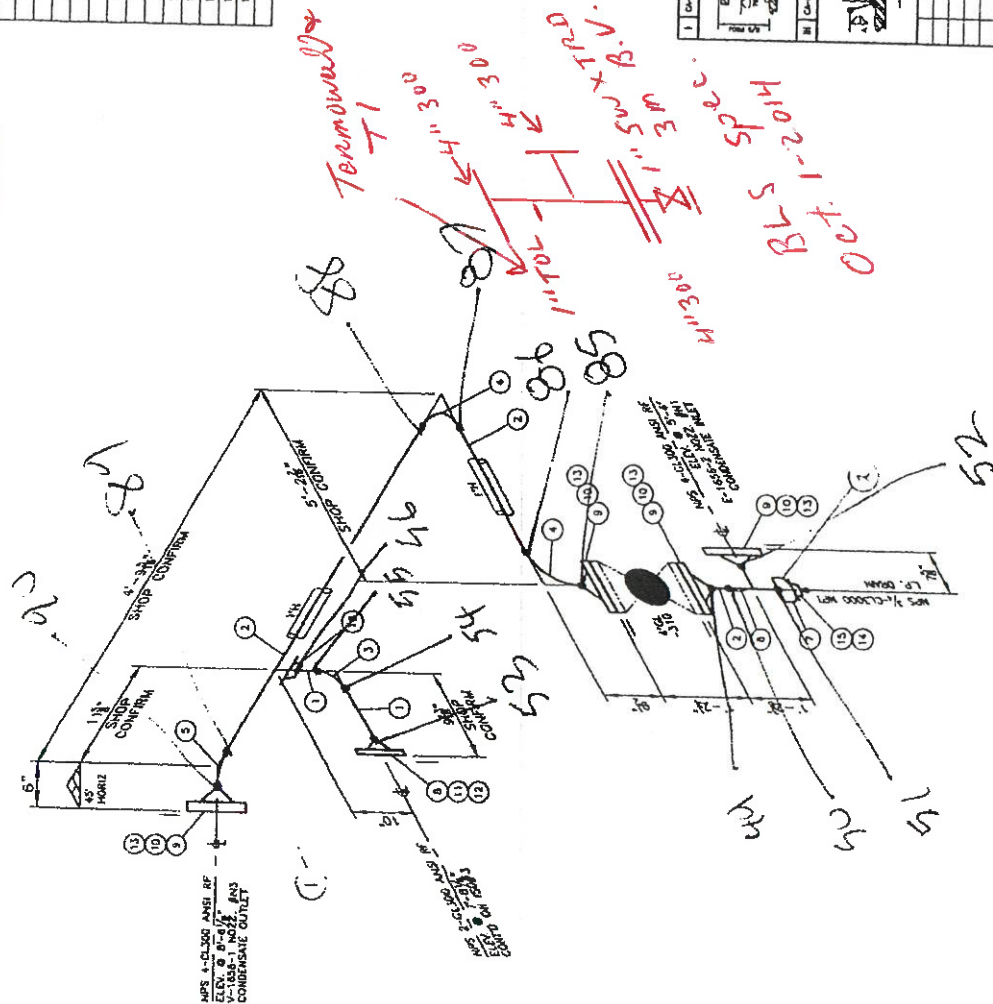


*** NOTE ***
SHOP TO LOCATE 4" HIGH
PIPE BOMES AS REQD



BILL OF MATERIAL

MARK	QTY	SIZE (NPS)	DESCRIPTION	LENGTH	WEIGHT
1	1	2"	PIPE, SCH 40S, SA-106 GR B	8 13/16"	2.79
2	1	4"	PIPE, SCH 40S, SA-106 GR B	8'-0 3/8"	24.63
3	1	2"	ELL, 90° LR SCH 40S, SA-106 GR B		2.10
4	2	4"	ELL, 90° LR SCH 40S, SA-234-WPB		17.40
5	1	4"	ELL, 45° LR SCH 40S, SA-234-WPB		4.30
6	1	4"	TEC, STR, SCH 40S, SA-234-WPB		13.50
7	1	4"	CAP, SCH 40S, SA-234-WPB		30.00
8	1	2"	PLG, RPW, CL 3000 SCH 40S BORE, SA-106		30.00
9	4	4"	STUDS SA-193-87M 6/8 (2) HEX NUTS SA-194-2HM 4"-CL 3000	4 1/2"	4.00
10	32	3/4"	STUDS SA-193-87M 6/8 (2) HEX NUTS SA-194-2HM 2"-CL 3000	3 1/2"	3.02
11	8	5/8"	GASKET, 1/8" TH, CL 3000 RT, CO Flange Super Pastic 316SS		4.00
12	1	2"	GASKET, 1/8" TH, CL 3000 RT, CO Flange Super Pastic 316SS		0.38
13	4	4"	PLUG, THRD CL 3000, SA-106		0.35
14	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		1.75
15	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
16	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
17	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
18	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
19	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
20	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
21	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
22	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
23	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
24	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
25	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
26	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
27	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
28	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
29	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
30	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
31	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
32	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
33	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
34	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
35	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
36	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
37	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
38	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
39	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
40	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
41	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
42	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
43	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
44	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
45	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
46	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
47	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
48	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
49	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
50	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
51	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
52	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
53	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
54	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
55	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
56	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
57	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
58	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
59	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
60	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
61	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
62	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
63	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
64	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
65	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
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71	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
72	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
73	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
74	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
75	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
76	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
77	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
78	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
79	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
80	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
81	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
82	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
83	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
84	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
85	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
86	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
87	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
88	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
89	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
90	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
91	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
92	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
93	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
94	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
95	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
96	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
97	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
98	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
99	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		
100	1	4"x2 1/4"	WELDOLET, SCH 40S, SA-106		

TOTAL WEIGHT: 291.71

MATERIAL IS TO COMPLY WITH WAGE MRO175/ISO 15158-1.

1. CARBON AND LOW ALLOY STEELS NOT TO EXCEED 230C AND MATERIALS SHALL BE "HOT ROLLED".
2. MATERIALS MUST CONFORM TO THE REQUIREMENTS OF ASTM A106, A133, A135, A136, A137, A138, A139, A140, A141, A142, A143, A144, A145, A146, A147, A148, A149, A150, A151, A152, A153, A154, A155, A156, A157, A158, A159, A160, A161, A162, A163, A164, A165, A166, A167, A168, A169, A170, A171, A172, A173, A174, A175, A176, A177, A178, A179, A180, A181, A182, A183, A184, A185, A186, A187, A188, A189, A190, A191, A192, A193, A194, A195, A196, A197, A198, A199, A200, A201, A202, A203, A204, A205, A206, A207, A208, A209, A210, A211, A212, A213, A214, A215, A216, A217, A218, A219, A220, A221, A222, A223, A224, A225, A226, A227, A228, A229, A230, A231, A232, A233, A234, A235, A236, A237, A238, A239, A240, A241, A242, A243, A244, A245, A246, A247, A248, A249, A250, A251, A252, A253, A254, A255, A256, A257, A258, A259, A260, A261, A262, A263, A264, A265, A266, A267, A268, A269, A270, A271, A272, A273, A274, A275, A276, A277, A278, A279, A280, A281, A282, A283, A284, A285, A286, A287, A288, A289, A290, 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