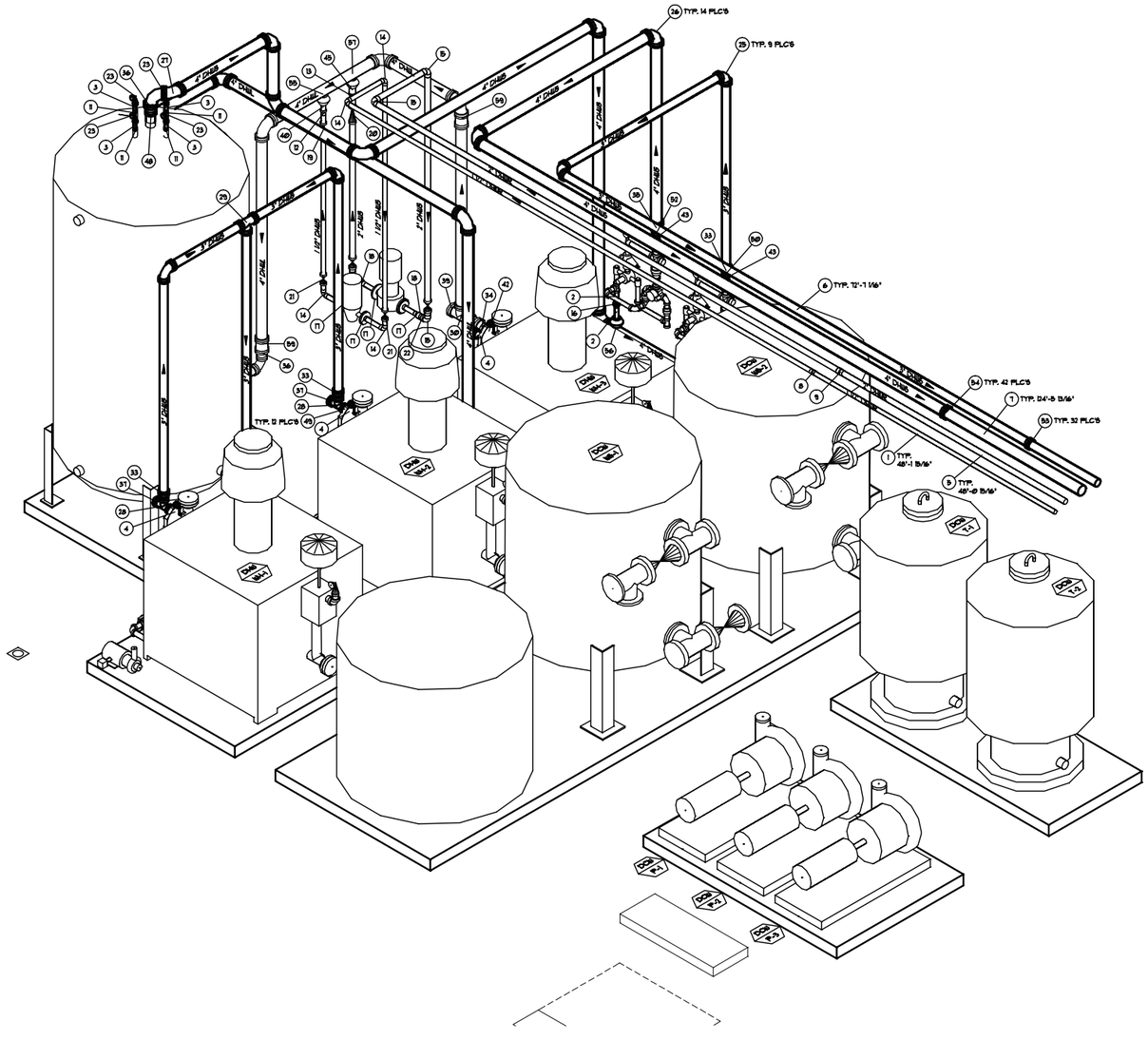

1 MECHANICAL ROOM - DHW ISOMETRIC
SCALE: N.T.S.

BILL OF MATERIAL

MARK	QTY	SIZE	DESCRIPTION	LENGTH
1	1	1-1/2"	PIPE, COPPER TYPE L (NIBCO)	49'-3 15/16"
2	1	1-1/4"	PIPE, COPPER TYPE L (NIBCO)	2'-1 1/4"
3	1	1"	PIPE, COPPER TYPE L (NIBCO)	1'-4"
4	1	2-1/2"	PIPE, STD CS A53gr B, GRV X GRV	1'-10 1/16"
5	1	2"	PIPE, COPPER TYPE L (NIBCO)	48'-0 15/16"
6	1	3"	PIPE, STD CS A53gr B, GRV X GRV	72'-7 1/16"
7	1	4"	PIPE, STD CS A53gr B, GRV X GRV	124'-5 13/16"
8	1	1-1/2"	CPLG, C X C DIMPLED TUBE STOP	
9	1	2"	CPLG, C X C DIMPLED TUBE STOP	
10	–	–	–	
11	4	1"	ADPTER, C x M (NIBCO)	
12	1	1-1/2"	ADAPTER, Ftg x F (NIBCO)	
13	1	2"	ADAPTER, Ftg x F (NIBCO)	
14	4	1-1/2"	90 ELL, CxC, (NIBCO)	
15	4	2"	90 ELL, CxC, (NIBCO)	
16	2	1-1/4"	UNION, CXC (NIBCO)	
17	4	1-1/2"	FLG, FF 150# CAST FLANGE (NIBCO)	
18	2	2 X 1 1/2"	REDUCING COUPLING, C X C (NIBCO)	
19	1	1-1/2"	CHECK , SW	
20	1	2"	CHECK , SW	
21	2	1-1/2"	GATE , SW,	
22	2	2"	GATE , SW,	
23	4	1"	RELIEF , SW 800LB	
24	2	2-1/2"	ELL, 90 GRVxGRV S/# 7110	
25	9	3"	ELL, 90 GRVxGRV S/# 7110	
26	14	4"	ELL, 90 GRVxGRV S/# 7110	
27	1	4"	ELL, 45 GRVxGRV S/# 7111	
28	2	2-1/2"	TEE, GRVxGRV S/# 7120	
29	1	3"	TEE, GRVxGRV S/# 7120	
30	1	4"	TEE, GRVxGRV S/# 7120	
31	1	3X2-1/2"	TEE, RED. GRVxGRV, S/# 7121	
32	1	3X2"	REDUCER, CONC, GRVxGRV S/#7150	
33	3	3X2"	REDUCER, CONC, GRVxGRV S/#7150	
34	2	4X2-1/2"	REDUCER, CONC, GRVxGRV S/#7150	
35	1	4X2"	REDUCER, CONC, GRVxGRV S/#7150	
36	3	4X3"	REDUCER, CONC, GRVxGRV S/#7150	
37	2	2-1/2"	CAP, S/#7160H	
38	1	3"	CAP, S/#7160H	
39	2	4"	CAP, S/#7160H	
40	1	1-1/2"	DIELECTRIC NIPPLE, IPSxCTS	4"
41	1	2-1/2"	ADAPTER NIPPLE, S/# 59	4"
42	1	2-1/2"	ADAPTER NIPPLE, S/# 58	4"
43	2	2"	ADAPTER NIPPLE, S/# 57	4"
44	1	2"	ADAPTER NIPPLE, S/# 59	4"
45	1	2"	DIELECTRIC NIPPLE, IPSxCTS	4"
46	1	3"	ADAPTER NIPPLE, S/# 59	3"
47	1	3"	ADAPTER NIPPLE, S/# 57	3"
48	1	3"	ADAPTER NIPPLE, S/# 59	4"
49	12	2-1/2"	COUPLING S/# 7705	
50	1	2"	COUPLING S/# 7771 RIDIG	
51	1	2"	COUPLING S/# 7705	
52	1	2"	COUPLING S/# 7705	
53	32	3"	COUPLING S/# 7705	
54	42	4"	COUPLING S/# 7705	
55	1	4X1-1/2"	MECHANICAL-T OUTLET, S/# C-7	
56	2	4X1-1/2"	MECHANICAL-T OUTLET, S/# C-7	
57	1	4X2"	MECHANICAL-T OUTLET, S/# C-7	
58	1	3"	BUTTERFLY VALVE, SJ-700W	
59	3	4"	BUTTERFLY VALVE, SJ-700W	

SAMPLE DRAWING
MECHANICAL - ISOMETRIC
MECHANICAL ROOM DHW ISOMETRIC

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NOTE: These drawings are provided as a convenience. It is each contractors responsibility to verify sizes, dimensions, etc. We assume no liability, MDS Inc.

REVISIONS

REV	BY	DESCRIPTION	DATE
A	XX	ISSUE FOR REVIEW	00/00/00

GENERAL NOTES

KEY NOTES

DRAWING

PROJECT NUMBER:	
MDS JOB No:	
PROJECT MGR:	
DRAWN BY:	DATE:
CHECKED BY:	DATE:
CAD FILE: MP-003	
SCALE: NONE	
DRAWING NUMBER: MP-003	REVISION: A

MECHANICAL PIPING