



POOR ORIGINAL

PRO APERTURE CARD

—	GUIDE	→	FLOW DIRECTION
↔	SPRING MOUNTED	↔	SHOCK MOUNTED
↕	DIRECTION OF RESTRAINT	↕	DIRECTION OF EXPANSION
⊕		⊕	BLIND

1. ALL PIPING TO BE FABRICATED AND INSTALLED IN ACCORDANCE WITH SPECIFICATIONS 1200-20.
2. THE MATERIAL SPECIFIED IN PIPE, VALVES AND FITTINGS, USE PIPING CLASS SPECIFIED IN W-21.
3. FOR PIPING AND EXTENSION BEARING THE WEIGHT OF THE PIPE AND EQUIPMENT LIST SEE W-10.
4. FOR EQUIPMENT LIST SEE W-10.
5. FOR EQUIPMENT CONNECTION DETAIL SEE DRAWING W-41.
6. IN ALL SPACES HAS BEEN MADE FOR WELDING JOINTS OR CASSETS AND ALL PIPING IS TO BE WELDED IN THE FIELD EXCEPT PORTION CLASSIFIED AS TO BE WELDED.
7. FOR PIPING SYSTEM COMPENSATION DIMENSIONS: FIELD AREA SEE W-20 AND W-25 AND W-30.
8. FOR DIMENSIONS SEE SPEC. W-40.
9. PIPE BENDS SHALL BE MADE IN SUCH A MANNER AS TO MAINTAIN A MINIMUM OF FIVE (5) TIMES THE INTERNAL PIPE DIAMETER.
10. FOR PIPING AND EXTENSION WEIGHTS SEE SPEC. W-40 THROUGH W-43.
11. FIELD JOINTS SHALL BE SPECIFICALLY MARKED AND INDICATED ON DRAWING.
12. FOR WELD AND WELDER SEE DRAWING W-40. WELDS AND WELDER ARE INDICATED ON W-10.
13. ALL PIPES TO BE WELDED TO THE END OF FORMER VALVES AND FOR OTHER USES, SHALL BE WELDED TO THE END.
14. INDICATED FIELD JOINTS SHALL BE SPECIFICALLY MARKED AND INDICATED ON DRAWING.
15. INDICATED FIELD JOINTS SHALL BE SPECIFICALLY MARKED AND INDICATED ON DRAWING.
16. INDICATED FIELD JOINTS SHALL BE SPECIFICALLY MARKED AND INDICATED ON DRAWING.
17. INDICATED FIELD JOINTS SHALL BE SPECIFICALLY MARKED AND INDICATED ON DRAWING.

NOTES CONT.

REV	DESCRIPTION	DATE
1	REVISED TO REFLECT REV. 15 OF W-10	12/15/58
2	REVISED TO REFLECT REV. 16 OF W-10	12/15/58
3	REVISED TO REFLECT REV. 17 OF W-10	12/15/58
4	REVISED TO REFLECT REV. 18 OF W-10	12/15/58
5	REVISED TO REFLECT REV. 19 OF W-10	12/15/58
6	REVISED TO REFLECT REV. 20 OF W-10	12/15/58
7	REVISED TO REFLECT REV. 21 OF W-10	12/15/58
8	REVISED TO REFLECT REV. 22 OF W-10	12/15/58
9	REVISED TO REFLECT REV. 23 OF W-10	12/15/58
10	REVISED TO REFLECT REV. 24 OF W-10	12/15/58
11	REVISED TO REFLECT REV. 25 OF W-10	12/15/58
12	REVISED TO REFLECT REV. 26 OF W-10	12/15/58
13	REVISED TO REFLECT REV. 27 OF W-10	12/15/58
14	REVISED TO REFLECT REV. 28 OF W-10	12/15/58
15	REVISED TO REFLECT REV. 29 OF W-10	12/15/58
16	REVISED TO REFLECT REV. 30 OF W-10	12/15/58
17	REVISED TO REFLECT REV. 31 OF W-10	12/15/58
18	REVISED TO REFLECT REV. 32 OF W-10	12/15/58
19	REVISED TO REFLECT REV. 33 OF W-10	12/15/58
20	REVISED TO REFLECT REV. 34 OF W-10	12/15/58
21	REVISED TO REFLECT REV. 35 OF W-10	12/15/58
22	REVISED TO REFLECT REV. 36 OF W-10	12/15/58
23	REVISED TO REFLECT REV. 37 OF W-10	12/15/58
24	REVISED TO REFLECT REV. 38 OF W-10	12/15/58
25	REVISED TO REFLECT REV. 39 OF W-10	12/15/58
26	REVISED TO REFLECT REV. 40 OF W-10	12/15/58
27	REVISED TO REFLECT REV. 41 OF W-10	12/15/58
28	REVISED TO REFLECT REV. 42 OF W-10	12/15/58
29	REVISED TO REFLECT REV. 43 OF W-10	12/15/58
30	REVISED TO REFLECT REV. 44 OF W-10	12/15/58
31	REVISED TO REFLECT REV. 45 OF W-10	12/15/58
32	REVISED TO REFLECT REV. 46 OF W-10	12/15/58
33	REVISED TO REFLECT REV. 47 OF W-10	12/15/58
34	REVISED TO REFLECT REV. 48 OF W-10	12/15/58
35	REVISED TO REFLECT REV. 49 OF W-10	12/15/58
36	REVISED TO REFLECT REV. 50 OF W-10	12/15/58
37	REVISED TO REFLECT REV. 51 OF W-10	12/15/58
38	REVISED TO REFLECT REV. 52 OF W-10	12/15/58
39	REVISED TO REFLECT REV. 53 OF W-10	12/15/58
40	REVISED TO REFLECT REV. 54 OF W-10	12/15/58
41	REVISED TO REFLECT REV. 55 OF W-10	12/15/58
42	REVISED TO REFLECT REV. 56 OF W-10	12/15/58
43	REVISED TO REFLECT REV. 57 OF W-10	12/15/58
44	REVISED TO REFLECT REV. 58 OF W-10	12/15/58
45	REVISED TO REFLECT REV. 59 OF W-10	12/15/58
46	REVISED TO REFLECT REV. 60 OF W-10	12/15/58
47	REVISED TO REFLECT REV. 61 OF W-10	12/15/58
48	REVISED TO REFLECT REV. 62 OF W-10	12/15/58
49	REVISED TO REFLECT REV. 63 OF W-10	12/15/58
50	REVISED TO REFLECT REV. 64 OF W-10	12/15/58
51	REVISED TO REFLECT REV. 65 OF W-10	12/15/58
52	REVISED TO REFLECT REV. 66 OF W-10	12/15/58
53	REVISED TO REFLECT REV. 67 OF W-10	12/15/58
54	REVISED TO REFLECT REV. 68 OF W-10	12/15/58
55	REVISED TO REFLECT REV. 69 OF W-10	12/15/58
56	REVISED TO REFLECT REV. 70 OF W-10	12/15/58
57	REVISED TO REFLECT REV. 71 OF W-10	12/15/58
58	REVISED TO REFLECT REV. 72 OF W-10	12/15/58
59	REVISED TO REFLECT REV. 73 OF W-10	12/15/58
60	REVISED TO REFLECT REV. 74 OF W-10	12/15/58
61	REVISED TO REFLECT REV. 75 OF W-10	12/15/58
62	REVISED TO REFLECT REV. 76 OF W-10	12/15/58
63	REVISED TO REFLECT REV. 77 OF W-10	12/15/58
64	REVISED TO REFLECT REV. 78 OF W-10	12/15/58
65	REVISED TO REFLECT REV. 79 OF W-10	12/15/58
66	REVISED TO REFLECT REV. 80 OF W-10	12/15/58
67	REVISED TO REFLECT REV. 81 OF W-10	12/15/58
68	REVISED TO REFLECT REV. 82 OF W-10	12/15/58
69	REVISED TO REFLECT REV. 83 OF W-10	12/15/58
70	REVISED TO REFLECT REV. 84 OF W-10	12/15/58
71	REVISED TO REFLECT REV. 85 OF W-10	12/15/58
72	REVISED TO REFLECT REV. 86 OF W-10	12/15/58
73	REVISED TO REFLECT REV. 87 OF W-10	12/15/58
74	REVISED TO REFLECT REV. 88 OF W-10	12/15/58
75	REVISED TO REFLECT REV. 89 OF W-10	12/15/58
76	REVISED TO REFLECT REV. 90 OF W-10	12/15/58
77	REVISED TO REFLECT REV. 91 OF W-10	12/15/58
78	REVISED TO REFLECT REV. 92 OF W-10	12/15/58
79	REVISED TO REFLECT REV. 93 OF W-10	12/15/58
80	REVISED TO REFLECT REV. 94 OF W-10	12/15/58
81	REVISED TO REFLECT REV. 95 OF W-10	12/15/58
82	REVISED TO REFLECT REV. 96 OF W-10	12/15/58
83	REVISED TO REFLECT REV. 97 OF W-10	12/15/58
84	REVISED TO REFLECT REV. 98 OF W-10	12/15/58
85	REVISED TO REFLECT REV. 99 OF W-10	12/15/58
86	REVISED TO REFLECT REV. 100 OF W-10	12/15/58

DECENTEL		
INDUSTRIAL PLANT UNITS 1 & 2		
CONSUMERS POWER COMPANY		
HANGER GEOMETRIC MAKE-UP AND PURIFICATION SYSTEM UNIT - 1		
REV.	DATE	BY
7220	H-603 sh(20)	12

17" 11" 8.5" 8.5" 11" 8.5" 11" 17"

30X

DESIGN CALCULATION REFERENCE	FROM CP TO CALCULATION NUMBER REV
1000	SC-1-603-1100 0
1001	SC-2-603-1100 1
1002	SC-2-603-1100 2

REV.	DATE	BY	CHKD.	APP.

RIDS

8302140219

