

BILL OF MATERIALS

PC. QUAN.	DESCRIPTION	ITEM	UNIT	PRICE	DATE
21	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
22	ASTM A 53 GR. B	355	355		
23	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
24	ASTM A 53 GR. B	355	355		
25	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
26	ASTM A 53 GR. B	355	355		
27	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
28	ASTM A 53 GR. B	355	355		
29	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
30	ASTM A 53 GR. B	355	355		
31	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
32	ASTM A 53 GR. B	355	355		
33	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
34	ASTM A 53 GR. B	355	355		
35	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
36	ASTM A 53 GR. B	355	355		
37	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
38	ASTM A 53 GR. B	355	355		
39	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
40	ASTM A 53 GR. B	355	355		
41	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
42	ASTM A 53 GR. B	355	355		
43	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
44	ASTM A 53 GR. B	355	355		
45	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
46	ASTM A 53 GR. B	355	355		
47	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
48	ASTM A 53 GR. B	355	355		
49	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
50	ASTM A 53 GR. B	355	355		
51	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
52	ASTM A 53 GR. B	355	355		
53	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
54	ASTM A 53 GR. B	355	355		
55	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
56	ASTM A 53 GR. B	355	355		
57	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
58	ASTM A 53 GR. B	355	355		
59	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
60	ASTM A 53 GR. B	355	355		
61	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
62	ASTM A 53 GR. B	355	355		
63	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
64	ASTM A 53 GR. B	355	355		
65	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
66	ASTM A 53 GR. B	355	355		
67	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
68	ASTM A 53 GR. B	355	355		
69	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
70	ASTM A 53 GR. B	355	355		
71	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
72	ASTM A 53 GR. B	355	355		
73	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
74	ASTM A 53 GR. B	355	355		
75	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
76	ASTM A 53 GR. B	355	355		
77	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
78	ASTM A 53 GR. B	355	355		
79	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
80	ASTM A 53 GR. B	355	355		
81	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
82	ASTM A 53 GR. B	355	355		
83	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
84	ASTM A 53 GR. B	355	355		
85	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
86	ASTM A 53 GR. B	355	355		
87	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
88	ASTM A 53 GR. B	355	355		
89	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
90	ASTM A 53 GR. B	355	355		
91	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
92	ASTM A 53 GR. B	355	355		
93	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
94	ASTM A 53 GR. B	355	355		
95	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
96	ASTM A 53 GR. B	355	355		
97	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
98	ASTM A 53 GR. B	355	355		
99	PIPE GALV. STL. SCH. 80 SMLS.	358	358		
100	ASTM A 53 GR. B	355	355		

REV.	DATE	DESCRIPTION	BY	CHKD.	DATE
1	10/30/53	AS BUILT IN FIELD			
2		ADDED GEM. NOTE 5 IN A/C WITH U.S.P.H.S. LETTER TO H.M.S. INC. 8/14/53			
3		REV. PIPING TO ORIGINAL MIN. D.K.			
4		REV. SUCT. LINE TO SANIT. PRESS. REV. FROM SEA CHEST IN ENG. RM.			
5		REV. FLUSHING LINE FROM FIRE MAIN IN ENGINE RM. TO ENG. RM. V-8, V-9, IN BILL OF MATERIALS.			

GENERAL NOTES

1. ALL PIPING IN QUARTERS AND GALLEY SHALL BE 1/2" DIA. UNLESS OTHERWISE SPECIFIED.
2. ALL PIPING SHALL BE MARKED SHOWING SIZE, MATERIAL, AND COLOR CODED IN ACCORDANCE WITH THE NATIONAL COLOR CODE AND SHALL INDICATE DIRECTION OF FLOW.
3. SANITARY SYSTEM USE GALV. STL. PIPE ASTM A 53 GR. B W/ M.V. GALV. FITTINGS ASTM A 47 UNLESS OTHERWISE SPECIFIED.
4. ALL PIPING SUBJECT TO MECHANICAL INJURY OR PROTECTIVE AND/OR SUPPORTED.
5. PIPING SHALL BE THOROUGHLY CLEANED AND PROTECTED AGAINST RUST AND CORROSION.
6. POT. & SANITARY PRESS. SETS ARE FITTED WITH PRESS. SWITCH PRESS. GAUGE, AIR VOLUME CONTROL & THROTTLING VALVE BY MANUFACTURER. THE POTABLE WATER VALVE SHALL BE CLOSED PRIOR TO FILLING W/ HOT WATER.
7. FLOW CONTROL VALVES FOR LAUNDRY TUB, GALLEY SINK, LAB, WASH BASIN, DISH WASHER, DRYER, AND URINAL SHALL BE INSTALLED DIRECTLY OUT TO FAUCET ON HOT & COLD LINES FOR LAV. TO BE INSTALLED.
8. POT. WATER PIPE IN LAB SHALL BE EXPOSED. WATER HTS. ARE FOR DISK SERVICE BOXES, WASH BASIN IN ENGR. RM., LAUNDRY, DRYER, DISH WASHER, GALLEY SINK, DISH WASHER & TUB.
9. WATER HTS. ABOVE MESS AREA & SHRS. BELOW IS ALL COMPONENTS OF THE POT. WATER SYS. PREVENTING THEIR SUBMERGENCE IN ANY WATER THAT MIGHT ACCUMULATE IN THE TUNNEL.

PC. QUAN.	DESCRIPTION	ITEM	UNIT	PRICE	DATE
1	POTABLE WATER PRESSURE SET	355	355		
2	REDUCING ELBOW 1/2" W/ HOT WATER	355	355		
3	REDUCING ELBOW 1/2" W/ HOT WATER	355	355		
4	REDUCING ELBOW 1/2" W/ HOT WATER	355	355		
5	REDUCING ELBOW 1/2" W/ HOT WATER	355	355		
6	REDUCING ELBOW 1/2" W/ HOT WATER	355	355		
7	REDUCING ELBOW 1/2" W/ HOT WATER	355	355		
8	REDUCING ELBOW 1/2" W/ HOT WATER	355	355		
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