



SYSTEM KJ

NO.	REFERENCE DRAWING	DATE	REV.	NO.
1	INTERCOOLER AND JACKET WATER SYSTEM	11-20-52	1	1072-001
2	EXHAUST SYSTEM	11-20-52	1	1072-002
3	EXHAUST SILENCER AND EXHAUST SYSTEM	11-20-52	1	1072-003
4	EXHAUST SILENCER AND EXHAUST SYSTEM	11-20-52	1	1072-004
5	EXHAUST SILENCER AND EXHAUST SYSTEM	11-20-52	1	1072-005
6	EXHAUST SILENCER AND EXHAUST SYSTEM	11-20-52	1	1072-006
7	EXHAUST SILENCER AND EXHAUST SYSTEM	11-20-52	1	1072-007

- THIS SET IS INTENDED TO SHOW INTERCONNECTING PIPING AND TANKS BY SECTION AND INTERSECTIONS.
- INTERCONNECTING AND INJECTOR COOLING CIRCUITS, ALUMINUM PIPING AND EXHAUST SYSTEMS ARE FURTHER DETAILED IN OTHER REFERENCE DRAWINGS.
- FOR INTERSECTIONS SEE OTHER REFERENCE DRAWINGS.
- GENERAL VALVES SHOWN ABOVE "T" DENOTE GENERATOR AND SKID LINES. THE LINES CONNECTIONS THESE VALVES MEET THE ANSI B31 REQUIREMENTS.
- VIBRATION INSTRUMENTS FOR OTHER DIESEL GENERATOR SKIDS ARE DESIGNATED BY THE LETTER IN THE SKID NUMBER. EXAMPLE: V-704AS FOR SKID 40400 V-704AS FOR SKID 40400.
- THIS SET CONTAINS SYSTEMS OR PORTIONS OF SYSTEMS:
 - AN GENERALIZED WATER MAKEUP STORAGE & TRANSFER
 - STANDBY DIESEL ENGINES
 - JACKET WATER RETURN LINE IS PROVIDED BY THE TIME SUPPLIER.

COMPUTER POINT CROSS REFERENCE TABLE

POINT NAME	SKID	POINT NAME	SKID
INTERCOOLER	A2760	A2761	A2730
TURBOCHARGER	A2750	A2755	A2760
EXHAUST SILENCER	A2751	A2752	A2761
STANDBY LINE	A2752	A2753	A2761
JACKET WATER PUMP	A2753	A2754	A2761
WATER DELIVER	D4581	D4582	D4591
HIGH PRIORITY ALARM	D4583	D4584	D4591
LOW PRIORITY ALARM	D4585	D4586	D4591

PRC APERTURE CARD

ISSUED FOR CONSTRUCTION	DATE	BY
ISSUED FOR CONSTRUCTION	DATE	BY

BEITEL
SAN FRANCISCO

PUBLIC SERVICE ELECTRIC AND GAS COMPANY
HOPE CREEK GENERATING STATION

PRC
DIESEL ENGINE AUXILIARY SYSTEMS INTERCOOLER AND INJECTOR COOLING, JACKET WATER, EXHAUST, VACUUM AND EXHAUST AND VIBRATION MONITORING SYSTEMS

100%
100%
M-30-15003 3 Q

22"
17"
11"
8.5"
8.5"
11"
17"
22"

SIZE E
22"
17"
11"
8.5"
8.5"
11"
17"
22"

RIDS

8307260035

