



MAIN STEAM RELIEF VALVE VENT STACKS
(SIZES BASED ON 30 LBS/HR STEAM
WITH NO EFFICIENCY OF STACKS)

VALVE NUMBER	VENT LINE NUMBER
MSRV-3102-A	24" IHD-197
MSRV-3103-A	24" IHD-198
MSRV-3104-A	24" IHD-199
MSRV-3105-A	24" IHD-200
MSRV-3106-A	24" IHD-201
MSRV-3107-A	24" IHD-204
MSRV-3108-A	20" IHD-203
MSRV-3109-A	20" IHD-205
MSRV-3102-B	24" IHD-305
MSRV-3103-B	24" IHD-306
MSRV-3104-B	24" IHD-307
MSRV-3105-B	24" IHD-308
MSRV-3106-B	24" IHD-309
MSRV-3107-B	24" IHD-310
MSRV-3108-B	20" IHD-311
MSRV-3109-B	20" IHD-312

- NOTES:
1. MAIN STEAM LINES FROM F-CONCRETE PILED HEAD UP TO FIRST WELD BEYOND THE CONTAINMENT ISOLATION VALVES SHALL BE MAINTAINED AT 33.465 IS.
 2. CAPPED CONNECTION FOR FUTURE TMS DUMP VALVES.
 3. HEAT TRACE ALL DRIP LEGS AND DRAINLINE SECTIONS LOCATED OUTSIDE TURBINE BUILDING AND REACTOR BUILDING.
 4. CROSS CONNECTION LINES 35" IEBD-54 AND 35" IEBD-55 AND 35" IEBD-56 SHALL BE MAINTAINED AT 33.688" IS AND 2" WELL THICKNESS.
 5. VALVES 10-3177A AND 10-3177B ARE DC POWERED.
 6. CAPPED CONNECTION FOR FUTURE ADDITIONAL CAPACITY.
 7. IN (R) ARE 66 DESIGATORS AND ARE LOCAL TO THE P.I.C.
 8. BY INSTRUMENTATION CONNECTED WITH BNC IS NOT SHOWN HERE. THEY ARE LISTED IN INSTRUMENTATION INDEX UNDER THE SAME TAG NUMBER AS THEIR CORRESPONDING VALUE BHP/96.
 9. REVERSED DIRECTION AND CONNECTION IS TO BE PROVIDED.
 10. BNC-399 ARE ARE INDICATED AUTO/MANUAL LANDING STATIONS MOUNTED NEAR THE VALVES.

PRO
APERTURE
CARD

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

BECHTEL	
MIDLAND PLANT UNITS 1 & 2 CONSUMERS POWER COMPANY	
P IPING & INSTRUMENT DIAGRAM MAIN STEAM & TURBINE STEAM UNIT 1	
JOB NO.	DRAWING NO.
7223	M-431SH-A(Q)
REV	
3	

30X

RIDS

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