



- NOTES:
- NOT USED
 - PROVIDE A MINIMUM OF 6 FEET STRAIGHT RUN UPSTREAM, A MINIMUM OF 10 FEET OF STRAIGHT RUN TO CONDENSER.
 - SLOPE STEAM PIPES MINIMUM 1/8" PER FOOT IN THE DIRECTION OF FLOW (MINIMUM 1/4" PER FOOT IF SLOPED AGAINST FLOW) UNLESS NOTED OTHERWISE ON ISOMETRIC. MINIMUM SLOPE SHALL BE MET IN HOT AND COLD POSITIONS. SLOPE DRAINS 1/8" PER FOOT WITHOUT POCKETS.
 - NOT USED
 - SEE KIEWIT DWG: 94.03.32.100-PD-0012-001
SEE VENDOR DWG: 2080_00004-4
 - LOCATE THERMOWELLS AS CLOSE TO BOP/HRSG INTERFACE AS POSSIBLE WHILE PROVIDING ACCESS.
 - CONTRACTOR TO PROVIDE 3/4" NPT CONNECTION WITH CAP ON PRESSURE TAP. WEEP HOLE REQUIRED. LOCATE CONNECTIONS AS CLOSE TO HRSG INTERFACE AS POSSIBLE.
 - PROVIDE 10 DIAMETERS UPSTREAM AND 5 DIAMETERS DOWNSTREAM OF FLOW ELEMENT IN STRAIGHT PIPE.
 - THREADED HALF COUPLING TO BE INSTALLED DURING PIPE SHIPPING FOR THREAD PROTECTION. COUPLING MAY BE REMOVED AFTER PIPING INSTALLATION.
 - A MINIMUM OF 50 PIPE DIAMETERS ARE REQUIRED BETWEEN THE TERMINAL ATTEMPERATORS AND THE STEAM TURBINE INLET.
 - PROVIDE 6 FEET STRAIGHT RUN UPSTREAM AND 21 FEET DOWNSTREAM OF DSH.
 - DRAIN SHIELD SHALL BE PROVIDED AT DRAIN VALVE DISCHARGE TO PREVENT INIURY FROM FLASHING STEAM.
 - WATER SUPPLY TO BE ROUTED UNDER THE ATTEMPERATOR TO RETAIN A WATER POCKET IN THE SUPPLY LINE.
 - THREE THERMOCOUPLES SHALL BE PLACED 62 FT (MIN) DOWNSTREAM OF THE TERMINAL ATTEMPERATOR. THE THERMOCOUPLES SHALL BE LOCATED TOP DEAD CENTER, 3 FEET APART.
 - DRAIN VALVES SHALL BE MOUNTED DIRECTLY ADJACENT TO DRIP LEGS WHERE ACCESSIBLE.
 - PROVIDE A MINIMUM OF 3 FEET STRAIGHT RUN UPSTREAM AND A MINIMUM OF 6 FEET DOWNSTREAM OF BYPASS VALVE.
 - LOCATE 01-IKS-HRS906F A MINIMUM OF 70 FEET STRAIGHT RUN DOWNSTREAM OF 01-DSH-HRS904F AND PROVIDE A MINIMUM OF 8 FEET STRAIGHT RUN DOWNSTREAM OF 01-IKS-HRS906F.
 - VENDOR TAG: 01-FE-HRS913
SEE KIEWIT DWG: 94.03.32.100-GA-0171-001
SEE VENDOR DWG: 2080_71043
 - SCHEDULE TRANSITION SPOOL.
 - SLOPE 2" WARMING LINE TO 0.5" DRAIN. CONTINUOUSLY SLOPE 0.5" DRAIN TO DRIP LEG.
 - REVISED CND BUILDING PENETRATION AND INSULATION, ADDED VENT, REVISED WARMING LINE ROUTING.
 - HRSG VENDOR TAG: 01-FCV-HRS902.

LEGEND	
START-UP CODE	
RHS1.1-	BALANCE
BFW1.1-	(1)
CND1.1-	(1)
HRG1.1-	(1)
PDR0.1-	(1)
SMP0.1-	(1)
HPS1.2-	(1)

1	CONFORMED TO CONSTRUCTION RECORDS	K. GALLAGHER	T. SHINO	01-17-22
0	ISSUED FOR CONSTRUCTION	E. BURKEMPER	D. DIECKMANN	01-08-20
REV	DESIGN BY	CHECKED BY	DATE	

JACKSON GENERATION, LLC.
JACKSON GENERATION

ILLINOIS DESIGN FIRM REGISTRATION NUMBER
184004213-0008

PIPING AND INSTRUMENTATION DIAGRAM
HRH - HOT REHEAT STEAM

ENGINEER/DESIGN ORIGINATOR E. BURKEMPER	DRAWING NUMBER 20023894-PD-034A
LEAD ENG P. NOVOGORATZ	
ENG MGR T. SHINO	
PROJ MGR F. BUSCH	