



- NOTES:
- 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.
  - DRAIN VALVES SHALL BE MOUNTED DIRECTLY ADJACENT TO DRIP LEGS WHERE ACCESSIBLE.
  - LOCATE TW AS CLOSE AS POSSIBLE TO ST INTERFACE.
  - THREADED HALF COUPLING TO BE INSTALLED DURING PIPE SHIPPING FOR THREAD PROTECTION. COUPLING MAY BE REMOVED AFTER PIPING INSTALLATION.
  - SEE KIEWIT DWG: 94.03.64-PD-0001-001  
SEE VENDOR DWG:T3463AAAA230
  - CONTRACTOR TO PROVIDE 3/4" NPT CONNECTION WITH CAP ON PRESSURE TAP. WEEP HOLE REQUIRED. LOCATE CONNECTIONS AS CLOSE TO STG INTERFACE AS POSSIBLE.
  - SLOPE DRAINS MINIMUM 1/8" PER FOOT CONTINUOUS DOWN TO DRAINS HEADER OR BLOWDOWN TANK WITHOUT POCKETS.
  - HYDROLAZING PORTS TO BE LOCATED USING THE FOLLOWING CRITERIA:
    - HYDROLAZING NOZZLE WILL REACH 250 FEET FROM PORT IN EACH DIRECTION WITH NO MORE THAN THREE 90 DEGREE ELBOWS.
    - CONTROL VALVES ARE CONSIDERED OBSTRUCTIONS TO THE HYDROLAZING ASSEMBLY.
    - THERMOWELLS ARE NOT CONSIDERED OBSTRUCTIONS TO THE HYDROLAZING ASSEMBLY.
  - SEE KIEWIT DWG: 94.03.68.100.01-GA-0006-001  
SEE VENDOR DWG: A42990US-13
  - SEE KIEWIT DWG: 94.03.40.100.02-PD-0001-001  
SEE VENDOR DWG: 11737
  - VENT AS PER INSTRUMENT DETAIL 20023894-ID-039

LEGEND	START-UP CODE		
	LPS1.1-	BALANCE	
	ACC1.1-	(1)	
	HPS1.2-	(1)	
	STG1.1-	(1)	

1	CONFORMED TO CONSTRUCTION RECORDS		
	K. GALLAGHER	T. SHINO	01-17-22
0	ISSUED FOR CONSTRUCTION		
	E. BURKEMPER	D. WHEAT	01-09-20
REV	DESIGN BY	CHECKED BY	DATE

JACKSON GENERATION, LLC.  
JACKSON GENERATION

ILLINOIS DESIGN FIRM REGISTRATION NUMBER 184004213-0008

KEVIN GALLAGHER  
062.073087  
OF ILLINOIS  
EXPIRES: 11/30/23

PIPING AND INSTRUMENTATION DIAGRAM LPS - LOW PRESSURE STEAM		
ENGINEER/DESIGN ORIGINATOR E. BURKEMPER	DRAWING NUMBER 20023894-PD-041A	
LEAD ENG P. NOVOGORATZ		
ENG MGR T. SHINO		
PROJ MGR F. BUSCH		