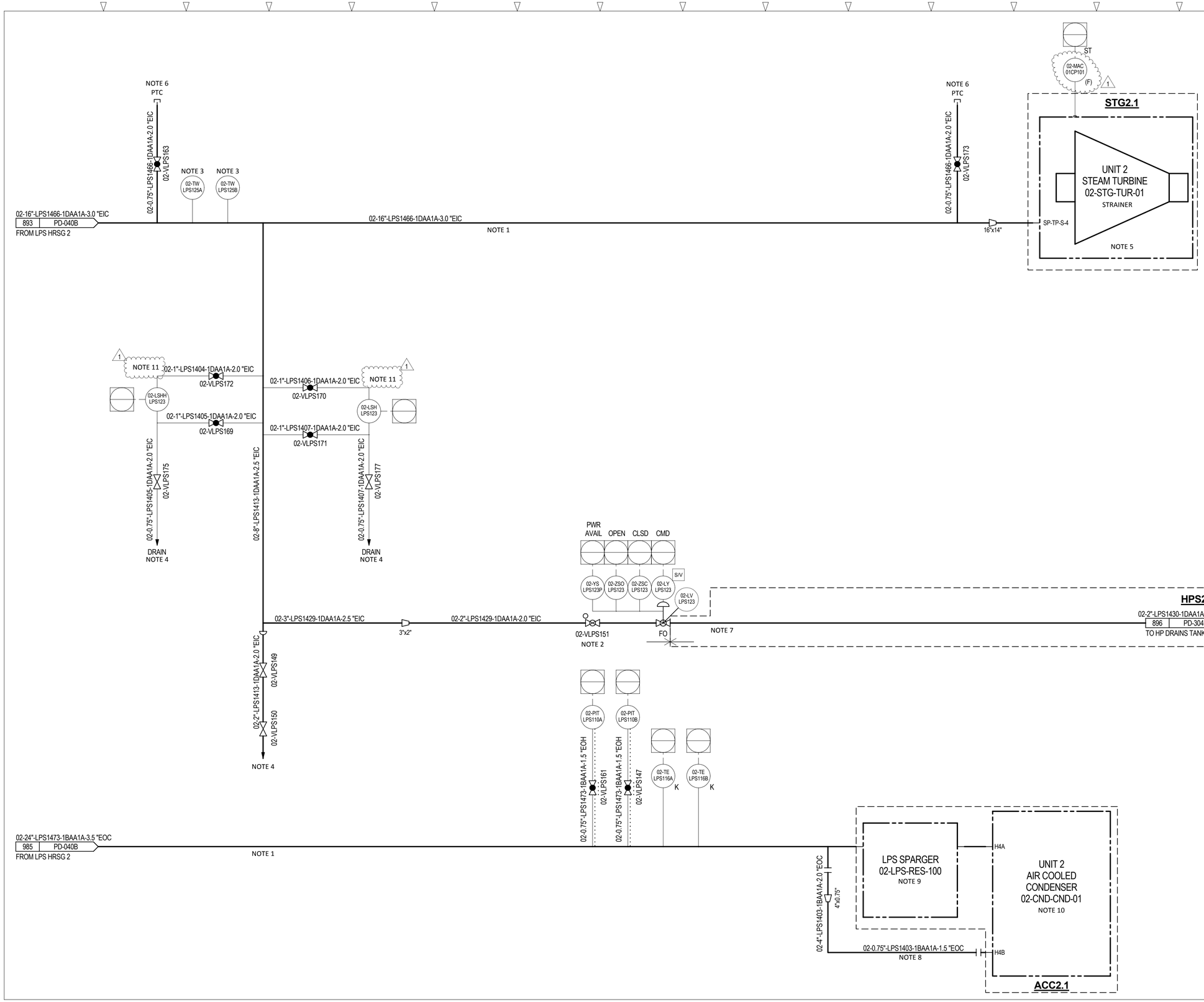

NOTES:

1. 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.
2. DRAIN VALVES SHALL BE MOUNTED DIRECTLY ADJACENT TO DRIP LEGS WHERE ACCESSIBLE.
3. LOCATE TW AS CLOSE AS POSSIBLE TO ST INTERFACE.
4. THREADED HALF COUPLING TO BE INSTALLED DURING PIPE SHIPPING FOR THREAD PROTECTION. COUPLING MAY BE REMOVED AFTER PIPING INSTALLATION.
5. SEE KIEWIT DWG: 94.03.64-PD-0001-001
   SEE VENDOR DWG:T3463AAAA230
6. CONTRACTOR TO PROVIDE 3/4" NPT CONNECTION WITH CAP ON PRESSURE TAP. WEEP HOLE REQUIRED. LOCATE CONNECTIONS AS CLOSE TO STG INTERFACE AS POSSIBLE.
7. SLOPE DRAINS MINIMUM 1/8" PER FOOT CONTINOUS DOWN TO DRAINS HEADER OR BLOWDOWN TANK WITHOUT POCKETS.
8. 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.
9. SEE KIEWIT DWG: 94.03.68.100.01-GA-0006-001
   SEE VENDOR DWG: A42990US-13
10. SEE KIEWIT DWG: 94.03.40.100.02-PD-0001-001
    ~~SEE VENDOR DWG: 11737~~
11. VENT AS PER INSTRUMENT DETAIL 20023894-ID-039

1

LEGEND	START-UP CODE
	LPS2.1- BALANCE
	ACC2.1- (1)
	HPS2.2- (1)
	STG2.1- (1)

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

JACKSON GENERATION, LLC.
JACKSON GENERATION

Kiewit
ILLINOIS DESIGN FIRM REGISTRATION NUMBER 184004213-0006

Kevin.Gallagher
Digitally signed by Kevin.Gallagher
DN: CN=Kevin.Gallagher, OU=Employees, OU=Users, OU=Kiewit, DC=KIEWITPLAZA, DC=com
Date: 2022.01.21 08:52:14-06'00'

LICENSED PROFESSIONAL ENGINEER
KEVIN GALLAGHER
062.073087
OF ILLINOIS
EXPIRES: 11/30/23

PIPING AND INSTRUMENTATION DIAGRAM
LPS - LOW PRESSURE STEAM

ENGINEER/DESIGN ORIGINATOR	E. BURKEMPER
LEAD ENG	P. NOVOGORATZ
ENG MGR	T. SHINO
PROJ MGR	F. BUSCH

DRAWING NUMBER
20023894-PD-041B