1. 12" TRAP ON CONDENSATE RECEIVER OVERFLOW LINE.
2. MPC/LPC CONDENSATE MIXER MAXI-THERM SERIES CM OR APPROVED EQUIVALENT.
3. CONDENSATE RECEIVER VENT. EXTEND TO ROOF AND PROVIDE BIRD SCREEN AT ROOF TERMINATION.
4. LPC FROM OTHER STEAM USAGE POINTS.
5. STEAM RELIEF DRAIN. PIPE TO NEAREST FLOOR DRAIN/FLOOR SINK.
6. STEAM PRV RELIEF PIPE. EXTEND TO ROOF AND PROVIDE BIRD SCREEN AT TERMINATION.
7. DRAIN PAN ELBOW FITTING.
8. 1/3 - 2/3 CAPACITY CONTROL VALVE PROVIDED BY UNL, INSTALLED BY CONTRACTOR.
9. REDUCERS AS REQUIRED. SHALL BE ECCENTRIC UP TO PREVENT CONDENSATE BEING PULLED INTO CONTROL VALVE OR SPRV (TYP.).
10. STEAM STRAINERS ARE TO BE FITTED ON THEIR SIDE TO PREVENT CONDENSATE BUILD UP.
11. STEAM CONDENSATE METER PROVIDED BY UNL, INSTALLED BY CONTRACTOR.
12. STRAP ON TEMP SENSOR PROVIDED BY UNL, INSTALLED BY CONTRACTOR.
13. INSTALL METER LEG BELOW MAIN SO THAT CONDENSATE METER REMAINS FLOODED.

TYPICAL BUILDING STEAM SYSTEM PIPING SCHEMATIC

KEY NOTES

- T-#:
- SPRV-#:
- HTX-#:
- CR-#:
- VACUUM BREAKER:
- TEFLON SEATED CHECK VALVE:
- MIN. 20 PIPE DIA.
- MIN. 10 PIPE DIA.
- 30" MIN.
- 15" MIN.
- 10" MIN.
- N.C.:
- TYPICAL BUILDING STEAM SYSTEM PIPING SCHEMATIC

Scale: NO SCALE

Detail Title: Facilities Planning & Construction

Detail No.: A1.01

Date: April 2020