SAFETY VALVE DISCHARGE PIPE FULL SIZE TO EXTERIOR OF BUILDING. TERMINATE W/ EXHAUST HEAD

Drip pan elbow—refer to detail

3/4" PIPE TO FLOOR

1/2" PILOT LINE (TYP.) PITCH AWAY FROM VALVE

NEEDLE VALVE

PRESSURE GAUGE WITH ANTI-SIPHON AND S.S NEEDLE VALVE (TYP.)

SOLENOID PILOT (TURN OFF DURING ZERO FLOW DEMANDS) (TYP.)

UNION (TYP.)

ECCENTRIC REDUCER (TYP.)

CONCENTRIC INCREASE (TYP.)

① DESIGN SELECTION AND SET POINT BETWEEN VALVES SHALL VARY BY 3.0 PSIG (i.e. 15 PSIG & 12 PSIG)

② USE SINGLE STAGE

STRAINER W/VALVE & CAPPED BLOWDOWN (TYP.) INSTALL TURNED SIDEWAYS

MINIMUM 6" DIRT LEG

NOTE: USE SINGLE STAGE ONLY IF LOAD RATIO IS 10:1 OR LESS AND THE SPECIFIC VOLUME RATIO OF THE STEAM OUTLET TO INLET IS LESS THAN 3:1 OTHERWISE, USE A TWO STAGE REDUCING STATION.