STEAM PRV STATION DETAIL PARALLEL PRVs

NOTES FOR DESIGNER:

1. SEE SHEET 4

KEYED NOTES:

1. CONNECT SENSING LINE TO A STRAIGHT SECTION OF PIPING MINIMUM 10 PIPE DIAMETERS OR 24" WHICHEVER IS GREATER.

2. PROVIDE 1/2" VALVE IN BOTTOM OF CONDENSATE LINE.

3. 3/4" BYPASS FOR INITIAL WARM-UP.

4. FIRST SHUTOFF VALVE INSIDE BUILDING.

5. ON STEAM SERVICES, PROTECT THE PRESSURE GAUGE WITH A PIGTAIL SIPHON.

6. FIRST SHUTOFF VALVE AND TRAP SHOULD BE WITHIN 10 FEET OF THE EXTERIOR WALL ENTRY POINT.

DRIP PAN ELBOW [SEE ST-D3020-4]

RELIEF VALVE, SET AT [ ] PSIG

THERMOWELL (2 PLACES)

PRV SET AT [ ] PSIG

PRESSURE GAUGE (3 PLACES)

VALVE (TYP)

F & T TRAP

GLOBE VALVE (TYP)

SAME SIZE AS SEPARATOR OUTLET DRAIN

SAME SIZE AS SEPARATOR OUTLET DRAW

3/4" BLOWDOWN VALVE

1/4" SENSING LINE, PITCH DOWN

PRV SET AT [ ] PSIG

GATE VALVE (TYP)

TEST TEE

SAME SIZE AS SEPARATOR OUTLET DRAW

3/4" BLOWDOWN VALVE

GRIP PAVILLOW (SEE ST-D3020-4)

PRESSURE GAUGE (2 PLACES)

PRV SET AT [ ] PSIG

GATE VALVE (TYP)

TEST TEE

SAME SIZE AS SEPARATOR OUTLET DRAW

3/4" BLOWDOWN VALVE

1/4" SENSING LINE, PITCH DOWN

PRV SET AT [ ] PSIG

GATE VALVE (TYP)

TEST TEE

SAME SIZE AS SEPARATOR OUTLET DRAW

3/4" BLOWDOWN VALVE

1/4" SENSING LINE, PITCH DOWN

PRV SET AT [ ] PSIG

GATE VALVE (TYP)

TEST TEE

SAME SIZE AS SEPARATOR OUTLET DRAW

3/4" BLOWDOWN VALVE

NOTES FOR DESIGNER:

(Do not include on construction/drawings)

1. SEE SHEET 4

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED.

(Remove this note when inserted into a drawing package).