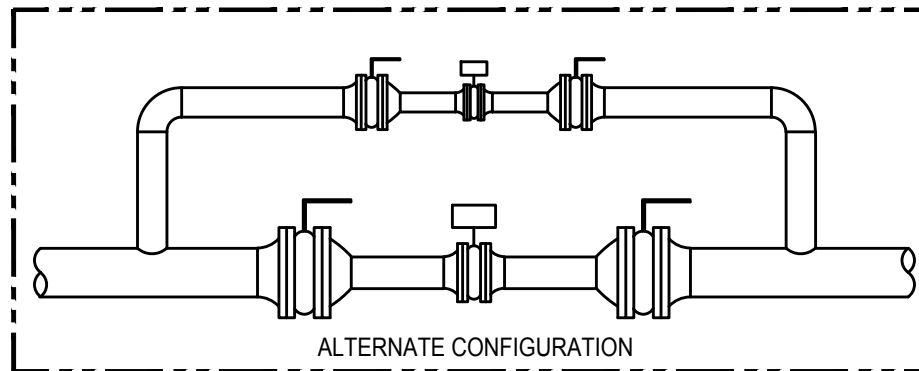
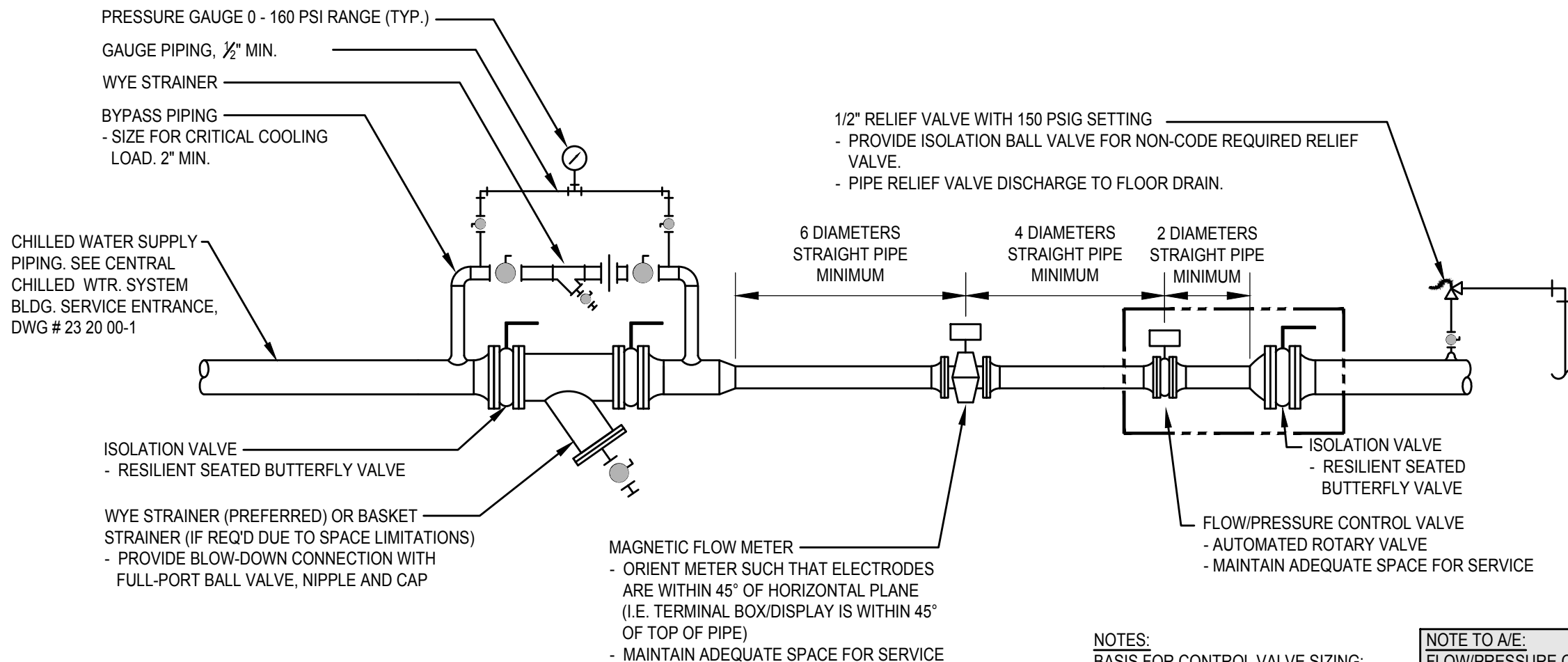


NOTES:

1. SIZE METER/CONTROL VALVE LINE-UP FOR 7-15 FPS FLUID VELOCITY BASED UPON FLOW RATE FOR FULL SYSTEM BUILD-OUT.
2. LOCATE CHW METERING STATION AS CLOSE AS PRACTICAL TO BUILDING SERVICE ENTRY (SEE DRAWING 23 20 00-1 FOR CHILLED WATER SERVICE ENTRANCE DETAIL.)
3. ALL THREADED NIPPLES SHALL BE SCHED. 80 GALVANIZED OR BLACK STEEL.



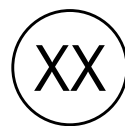
NOTE TO A/E:
 REPLACE SINGLE CONTROL VALVE WITH ALTERNATE CONFIGURATION AS REQUIRED FOR SYSTEM TURN DOWN. DISCUSS WITH F & S ENGINEERING.



NOTE:
 PROVIDE FLANGED PIPE SPOOLS BETWEEN ISOLATION VALVES AND STRAINER BODY AS REQUIRED FOR CLEARANCE BETWEEN VALVE DISC AND INTERIOR OF STRAINER (SPOOLS NOT SHOWN)

NOTES:
 BASIS FOR CONTROL VALVE SIZING:
 - 30 PSI CENTRAL SYSTEM DP
 - 5-10 PSID ACROSS VALVE
 BASIS FOR METER SIZING:
 - 7-15 FPS AT MAXIMUM GPM

NOTE TO A/E:
 FLOW/PRESSURE CONTROL VALVE(S) TYPICALLY NOT REQUIRED IF CONTROL VALVES IN BUILDING ARE PRESSURE INDEPENDENT TYPE. DISCUSS WITH F & S ENGINEERING.



CENTRAL CHILLED WATER SYSTEM METERING STATION

NOT TO SCALE

23 09 13-3