



# CHILLED WATER SERVICE ENTRANCE PIPING SCHEMATIC

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A1.01 SCALE: NO SCALE

- # KEY NOTES
- SMOOTH CORE DRILLED PENETRATION OR GROUTED IN-PLACE WALL SLEEVE. SLEEVE TO BE STANDARD WEIGHT DUCTILE IRON OR STEEL PIPE.
  - "LINK-SEAL" WITH SS HARDWARE. INSTALL SO THAT THREADED NUTS ARE EXPOSED.
  - CHILLED WATER FLOW METER PROVIDED BY UNL INSTALLED BY CONTRACTOR.
  - PROVIDE MIN. 15" SPACE BETWEEN METER LEG AND BYPASS LEG.
  - SPARE THERMOWELL FOR TEMPERATURE SENSOR CALIBRATION.
  - DUPLEX BASKET STRAINER WITH 1/8" SS SCREEN. TWO SINGLE BASKET STRAINERS MAY BE PROVIDED IN LIEU OF DUPLEX.
  - FULL SIZE BLOW-DOWN VALVE AND PIPE TO NEAREST FLOOR DRAIN.
  - PRESSURE GAGE AND SENSOR LEG ACROSS EACH STRAINER.
  - EXTERIOR SYSTEM DRAIN (SUPPLY AND RETURN). FULL PORT BALL VALVE WITH HOSE ADAPTER AND CAP.
  - INTERIOR SYSTEM DRAIN (SUPPLY AND RETURN). FULL PORT BALL VALVE WITH HOSE ADAPTER AND CAP. INSTALL ON SYSTEM LOW POINT WITHIN BUILDING.
  - PRESSURE SENSOR PROVIDED BY UNL, INSTALLED BY CONTRACTOR.
  - TEMPERATURE SENSOR PROVIDED BY UNL, INSTALLED BY CONTRACTOR.
  - FLANGE OR UNION AT STRAINER.