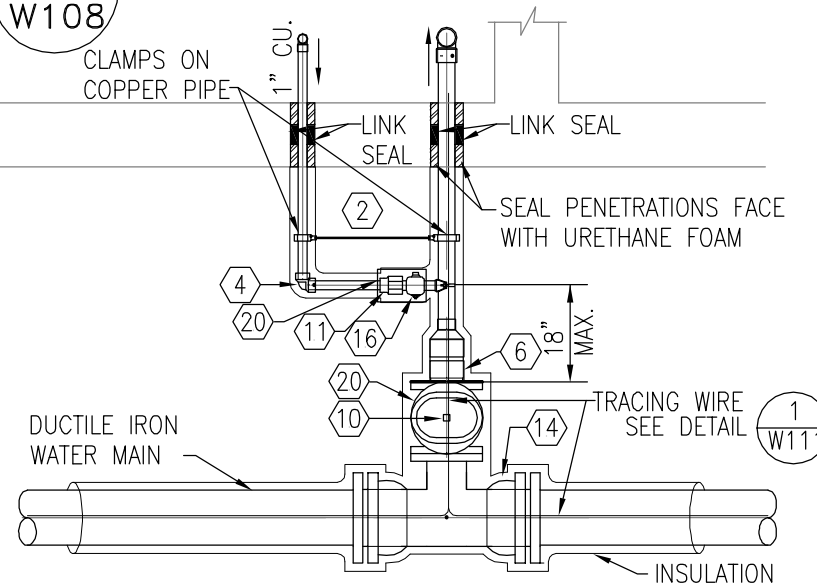


INSIDE BUILDING ELEVATION VIEW

SCALE: 1/2"=1'-0"

1
W108



CONNECTION AT MAIN - PLAN

SCALE: 1/2"=1'-0"

2
W108

NOTES:

1. WATER SERVICE PIPE SHALL HAVE A LEVEL OR POSITIVE GRADE FROM THE WATER MAIN TO THE BUILDING (NO HUMPS OR DIPS) TO PREVENT AIR TRAPS.
2. SEALED BY-PASS VALVE REQUIRED ON 2" AND LARGER METERS.
3. METER SHALL BE A MINIMUM OF 1'-0" AND A MAXIMUM OF 4'-0" ABOVE FLOOR LEVEL.
4. INSTALL CIRCULATION PUMP ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
5. CHECK WITH DU FOR LAYING LENGTH REQUIRED FOR METER INSTALLATION LAYING LENGTHS WILL VARY WITH METER SIZE AND TYPE.
6. COORDINATE ALL GROUNDING WIRING WITH BUILDING ELECTRICAL CONTRACTOR.
7. SINGLE STRAP ON 4" - 8" MAINS, DOUBLE STRAP ON 10" - 14" MAINS. OUTLETS ON 8" CENTERS.

MATERIAL LIST - INSTALLER ITEMS

ITEM	DESCRIPTION
1	PIPING PER UES-TS-W003
2	THAW BUS #1 AWG MIN. LENGTH AS REQUIRED
3	PIPE AND NIPPLES, LENGTHS AS REQUIRED
4	ELBOW
5	PLATE STRAINER (SUPPLIED BY DU)
6	COPPER FLANGE
7	BACKFLOW PREVENTOR
8	CONDUIT OR #18, 2-CONDUCTOR WIRE
9	CIRCULATION PUMP (MANDATORY)
10	BALL VALVE
11	FLARE NUT
12	NOT USED
13	PRESSURE REDUCING VALVE, 80-40 PSI
14	FLANGED DUCTILE IRON TEE - (NEW INSTALLATION)
15	CHECK VALVE
16	CORPORATION STOP
17	REDUCER FITTING
18	TEE FITTING
19	REDUCING TEE
20	VALVE BOX & COVER
21	PRESSURE INDICATOR W/SHUT-OFF
22	THERMOMETER W/SHUT-OFF

CIRCULATING LOOP FOR 2 INCH & LARGER WATER SERVICE



Jimmy Huntington Building
714 Fourth Avenue, Suite 201
Fairbanks, Alaska 99701
Telephone (907) 455-1500
Fax (907) 455-6788

Date: 14 FEB 2010
Scale: NOTED
Designed By: CDH
Drawn By: DLW
Checked By: NEM

**DIRECT BURIED WATER DISTRIBUTION SYSTEM
CIRCULATING LOOP 2" & LARGER-WATER SERVICE**
DESIGN & CONSTRUCTION STANDARDS

Drawing No.

UES-DD-W108