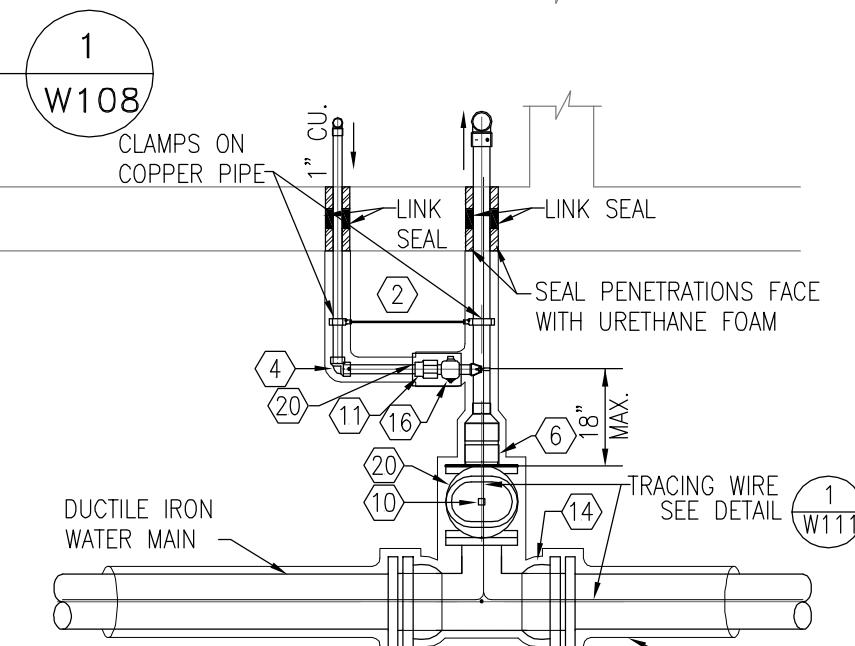


### INSIDE BUILDING ELEVATION VIEW

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



### CONNECTION AT MAIN - PLAN

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

## CIRCULATING LOOP FOR 2 INCH & LARGER WATER SERVICE



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

### 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 LARGE 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