

● GRADE LEVEL /  
IN-GROUND TRACE WIRE  
ACCESS BOX

--- HDPE INSULATED  
#12 AWG COPPER CLAD  
STEEL - BLUE  
(TYP)

× DRIVE-IN MAGNESIUM  
GROUNDING ANODE (SEE  
WATER SERVICE DETAIL)  
PART # ANO-12

TRACE WIRE ON NORTH  
SIDE OF WATER MAIN  
PIPE

TRACE WIRE ON EAST  
SIDE OF WATER MAIN  
PIPE

4-WAY CONNECTOR OR  
TWO 3-WAY  
CONNECTORS WITH  
SHORT JUMPER WIRE

WATER MAIN  
(TYP)

WATER MAIN  
CROSS

WATER SERVICE (TYP)

MAINLINE TO LATERAL  
LUG CONNECTOR  
(TYP)

GRADE LEVEL /  
IN-GROUND TRACE WIRE  
ACCESS BOX AND  
DRIVE-IN MAGNESIUM  
GROUNDING ANODE (SEE  
WATER SERVICE DETAIL)

CURB STOP (TYP)

ABOVE GROUND ACCESS  
BOX SECURED TO  
HYDRANT FLANGE  
(SEE HYDRANT DETAIL)

HYDRANT

#12 AWG COPPER CLAD  
STEEL - BLUE  
(TYP)

DRIVE-IN MAGNESIUM  
GROUNDING ANODE  
(TYP)

**NOTES:**

1. WIRE SHOWN AWAY FROM PIPE FOR CLARITY. WIRE SHALL BE INSTALLED ON THE BOTTOM SIDE OF THE PIPE BELOW THE SPRING LINE. THE WIRE SHALL BE FASTENED TO THE PIPE WITH TAPE OR PLASTIC TIES AT 5' INTERVALS.

TRACE WIRE PLAN  
(WATER)  
NO SCALE

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CITY ENGINEER REG 23110

**TRACER WIRE PLAN  
(WATER)**

MINNESOTA RURAL WATER  
ASSOCIATION STANDARD DETAIL



**GV-WM-070**