

APPROVED MATERIALS FOR COPPER & (PLASTIC) PIPING:

CURB STOP - 1" CURB STOP AY MCDONALD 76104 OR (PLASTIC 76104-33)

CURB BOX - CURB BOX AY MCDONALD SERIES 5622A 8 CURB BOX COMPLETE

W/ 5623LTW LID

<u>PIPE MATERIAL</u> — ACCORDING TO STATE PLUMBING CODE: COPPER AND PLASTIC (PLASTIC PIPE REQUIRES 1" STAINLESS STEEL INSERT AY MCDONALD 6136)

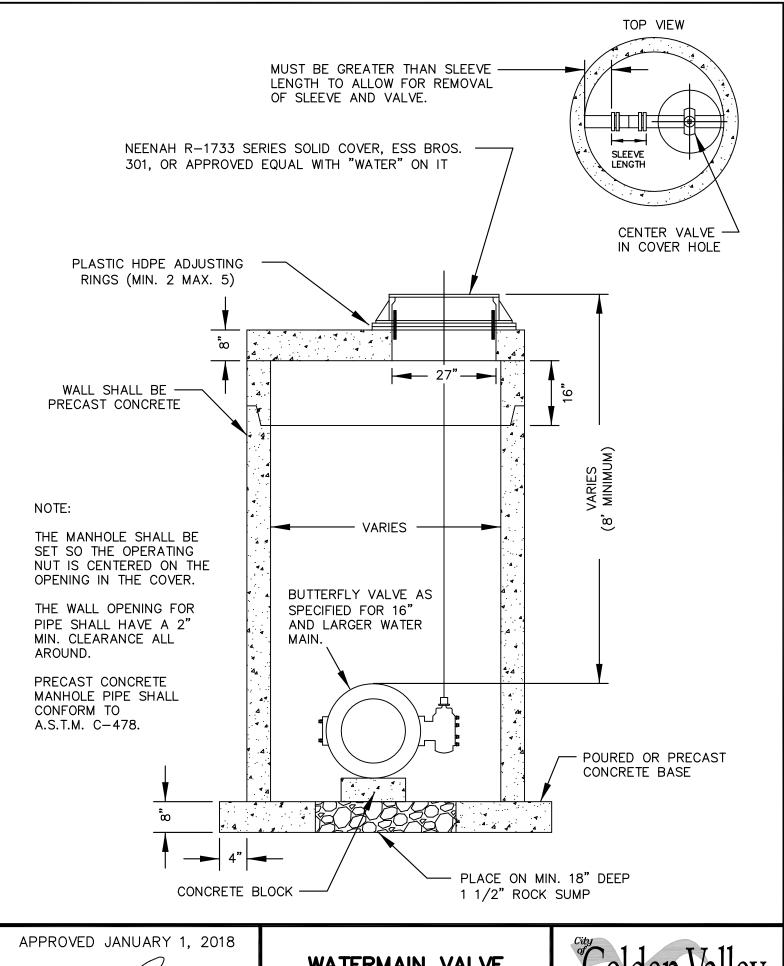
TRACER BOX ACCESS BOX — SHALL INCLUDE SNAKEPIT BRACKET BY COPPERHEAD

APPROVED JANUARY 16, 2020

THE STATE OF THE S

TYPICAL WATER SERVICE (PROPERTY LINE TO HOUSE)



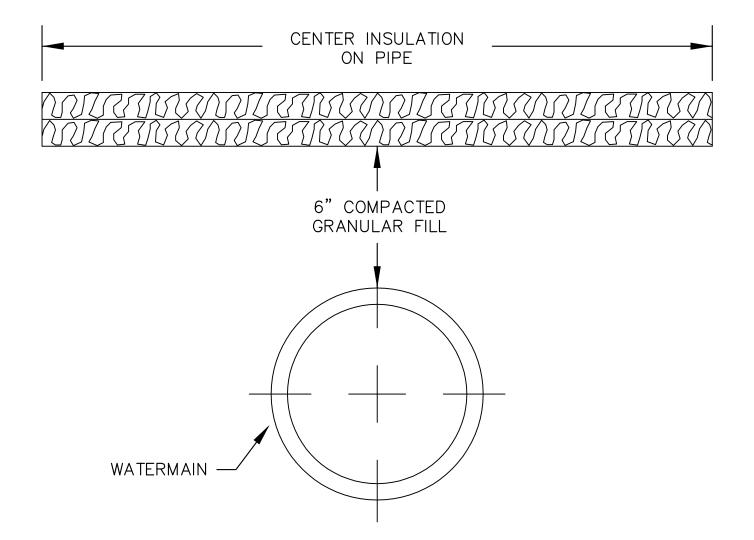


CITY ENGINEER REG 23110

WATERMAIN VALVE MANHOLE

Golden Valley

GV-WM-040



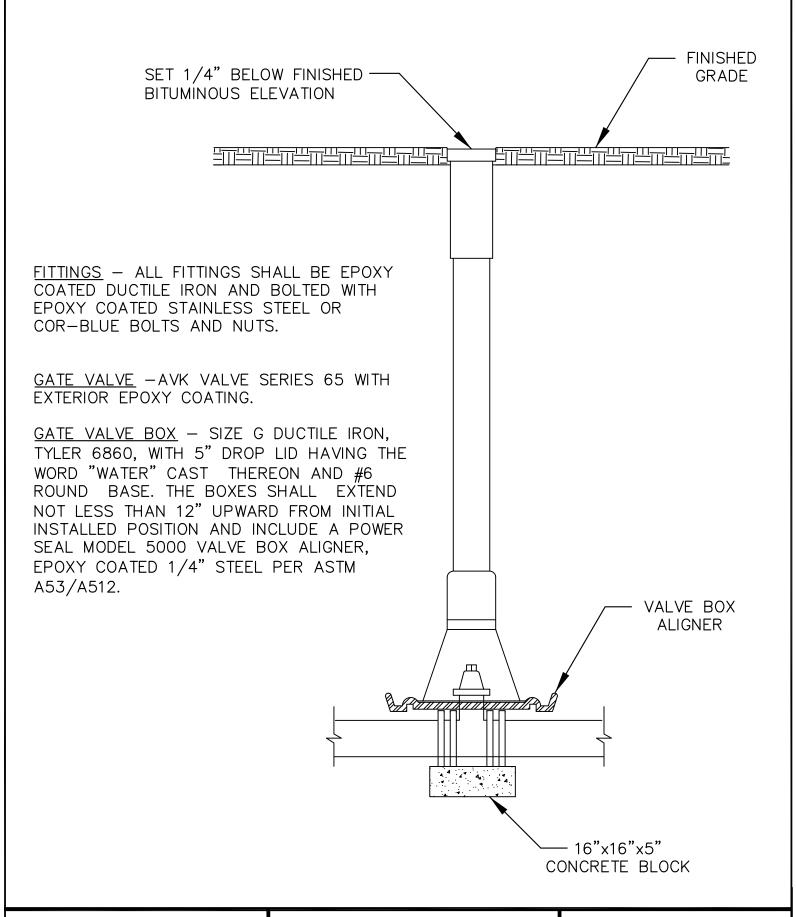
NOTE:
MINIMUM 2" PER FOOT UNDER 8' OF
COVER — 2" THICK HIGH DENSITY
POLYSTYRENE INSULATION (MINIMUM
TOTAL R VALUE OF 20) LAYERS WITH
JOINTS STAGGERED AND EXTENDING A
MINIMUM OF 2' EACH WAY FROM
WATERMAIN C/L OR AS DIRECTED BY
THE ENGINEER.

APPROVED JANUARY 1, 2018

CITY ENGINEER REG 23110

WATERMAIN INSULATION



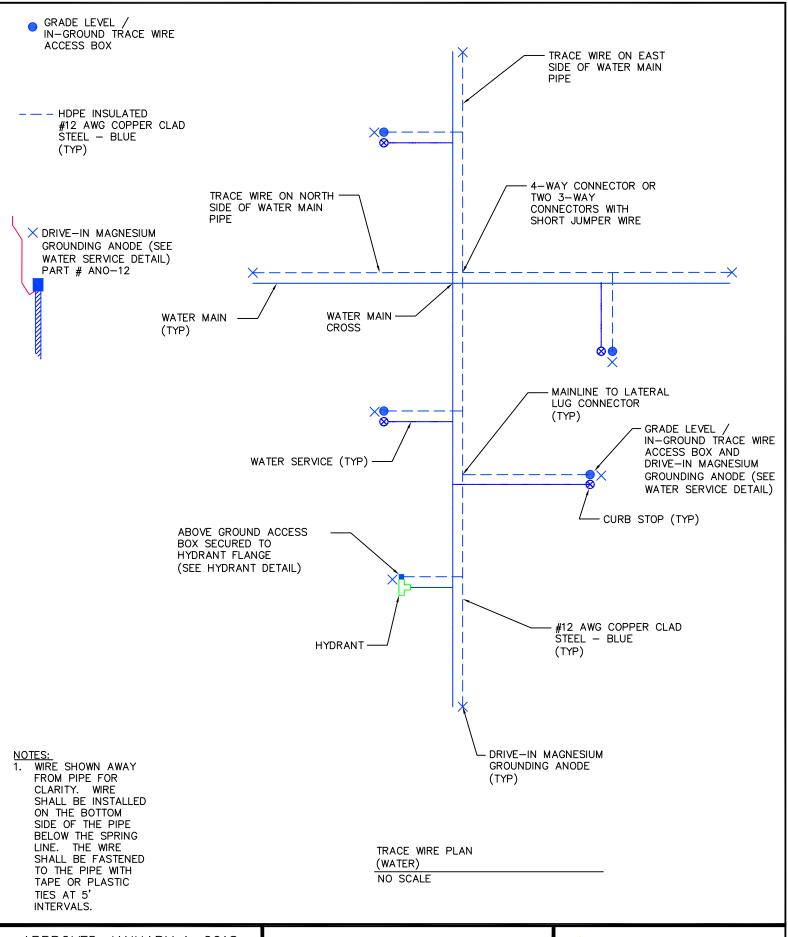


APPROVED JANUARY 1, 2018

CITY ENGINEER REG 23110

TYPICAL GATE VALVE INSTALLATION





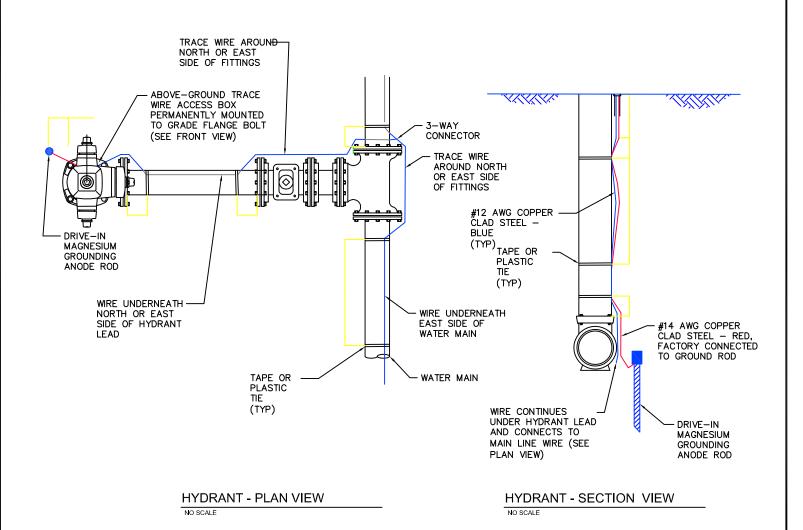
APPROVED JANUARY 1, 2018

CITY ENGINEER REG 23110

TRACER WIRE PLAN (WATER)

MINNESOTA RURAL WATER ASSOCIATION STANDARD DETAIL





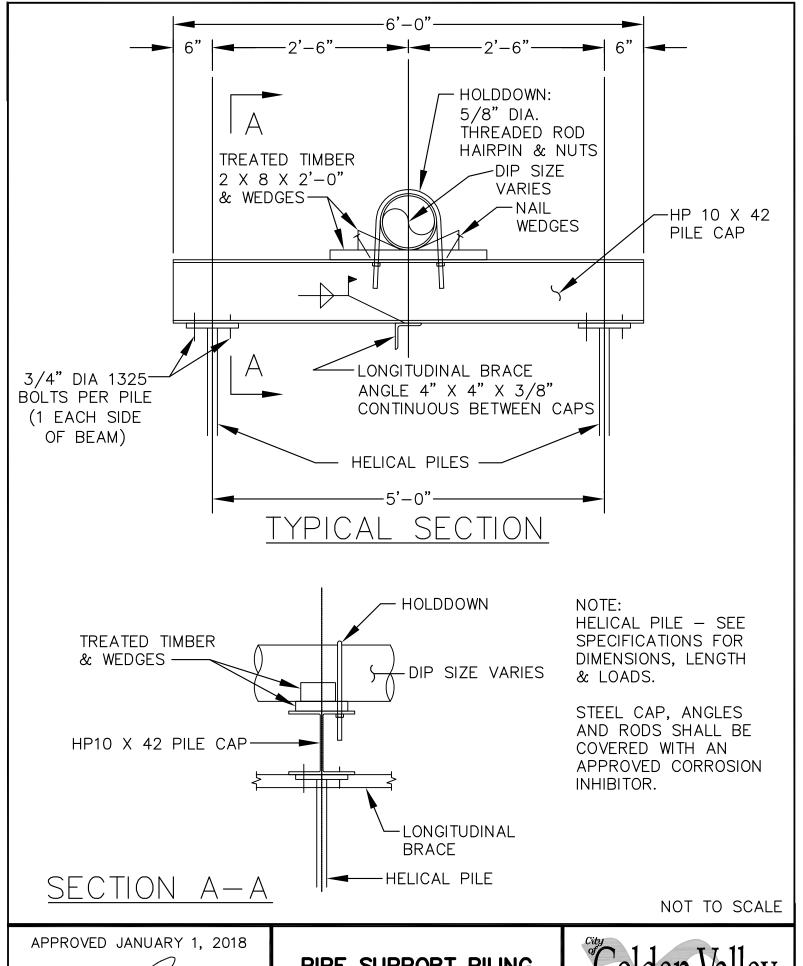
APPROVED DECEMBER 31, 2015

CITY ENGINEER REG 23110

TRACER WIRE PLAN (HYDRANT)

MINNESOTA RURAL WATER ASSOCIATION STANDARD DETAIL

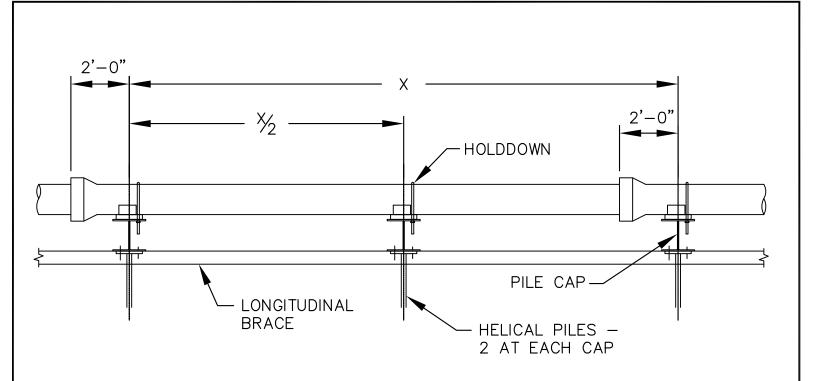




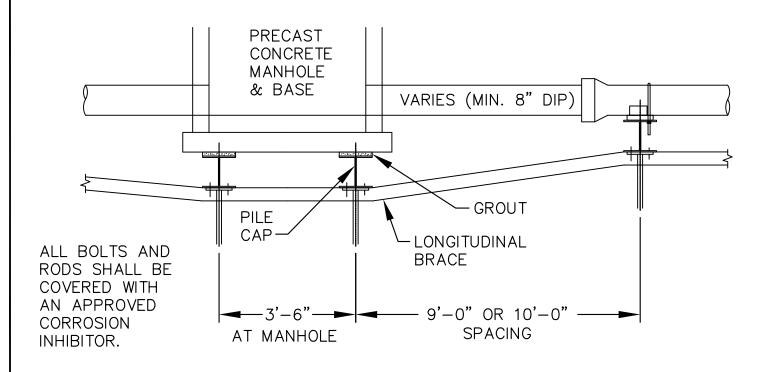
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PIPE SUPPORT PILING
(1 OF 2)

Golden Valley



ELEVATION



ELEVATION AT MANHOLE

NOT TO SCALE

APPROVED JANUARY 1, 2018

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PIPE SUPPORT PILING (2 OF 2)

