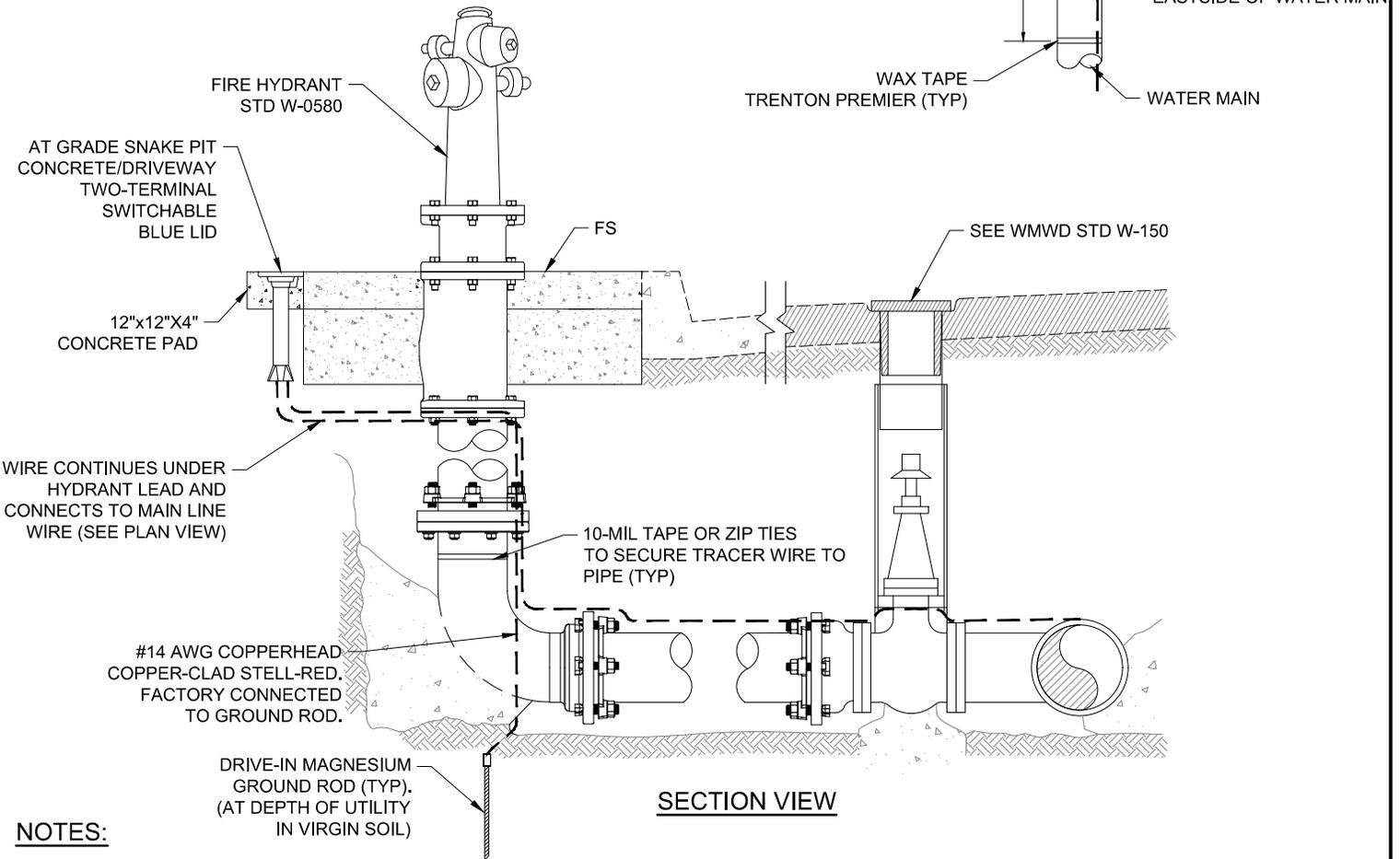


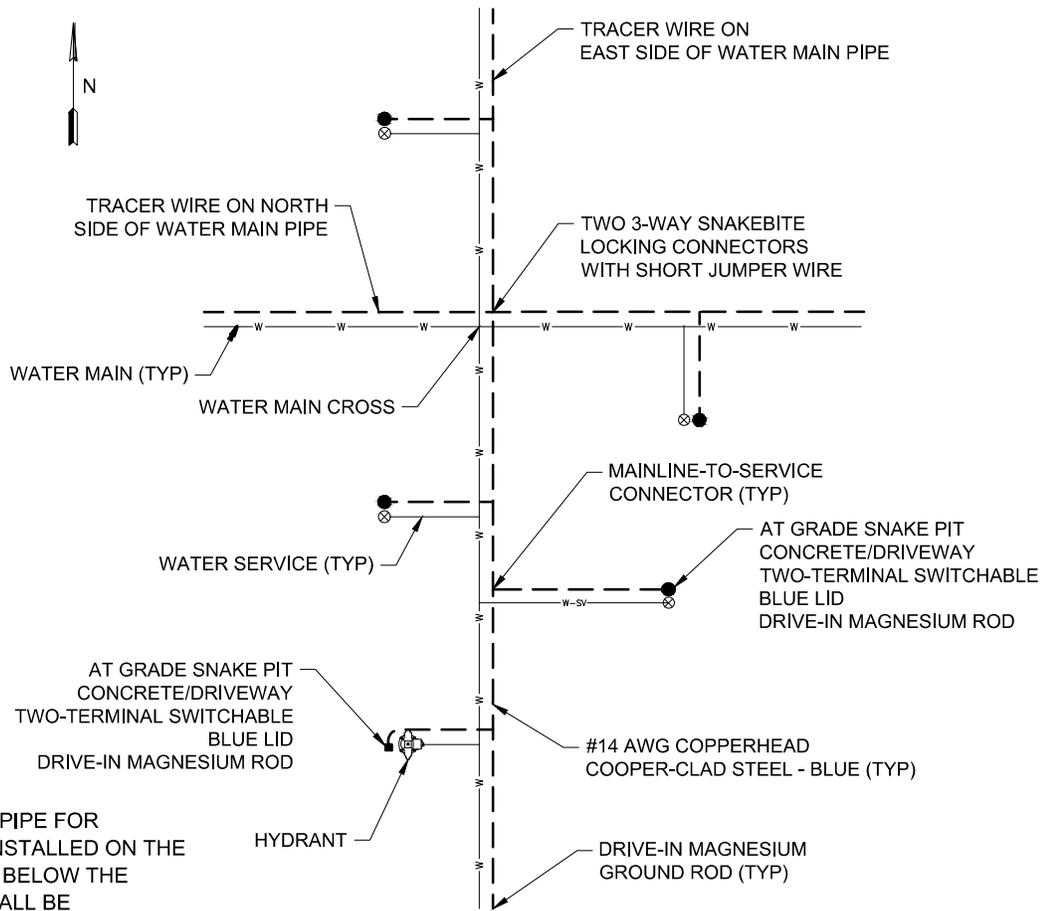
PLAN VIEW



SECTION VIEW

NOTES:

1. LOCATOR WIRE TO BE #14 COPPER-CLAD STEEL (CSS) WIRE PART #1430B-HS MANUFACTURED BY COPPERHEAD INDUSTRIES, LLC
2. WIRE TO BE 14 AWG CONTINUOUS STRAND.
3. LOCATOR WIRE SHALL BE BROUGHT TO THE SURFACE CONNECTING TO SNAKE PIT. SNAKE PIT TO BE INSTALLED 18" FROM FIRE HYDRANTS IN A 12x12x4 CONCRETE PAD..
4. LOCATOR WIRE SHALL BE INSTALLED OVER ALL WATERLINES, AND SEWER FORCEMAINS WHETHER OR NOT TELEMETRY WIRE IS BURIED WITH THE PIPE.
5. FOR PIPE DEPTHS GREATER THAN 8' PIPE AT MAX. 8' DEPTH. MARKER TAPE SHALL BE PLACED ABOVE THE LOCATOR WIRE.
6. A CONDUCTIVITY TEST IS TO BE PERFORMED ON ALL LOCATOR WIRES.
7. ANY SPLICING OF LOCATING WIRE MUST BE APPROVED BY WESTERN, AND THE CONNECTION IS TO BE MADE 14 AWG COPPERHEAD SNAKEBITE LOCKING CONNECTOR PART #LSC1430C.
8. MAGNESIUM GROUNDING ROD SHALL BE 14AWG GROUND ROD PART# ANO-14 , INSTALLED AT THE SAME DEPTH OF THE PIPELINE POUNDED IN VIRGIN SOIL.
9. LONG-RUNS, MORE THAN 2,500 LINEAR FEET, WITHOUT SERVICE LATERALS OR HYDRANTS – TRACER WIRE ACCESS MUST BE PROVIDED UTILIZING AN APPROVED AT-GRADE COPPERHEAD SNAKEPIT® ACCESS POINT AND GROUNDED AT DEAD-ENDS UTILIZING A 1.5-LB., DRIVE-IN, MAGNESIUM COPPERHEAD GROUND ROD.

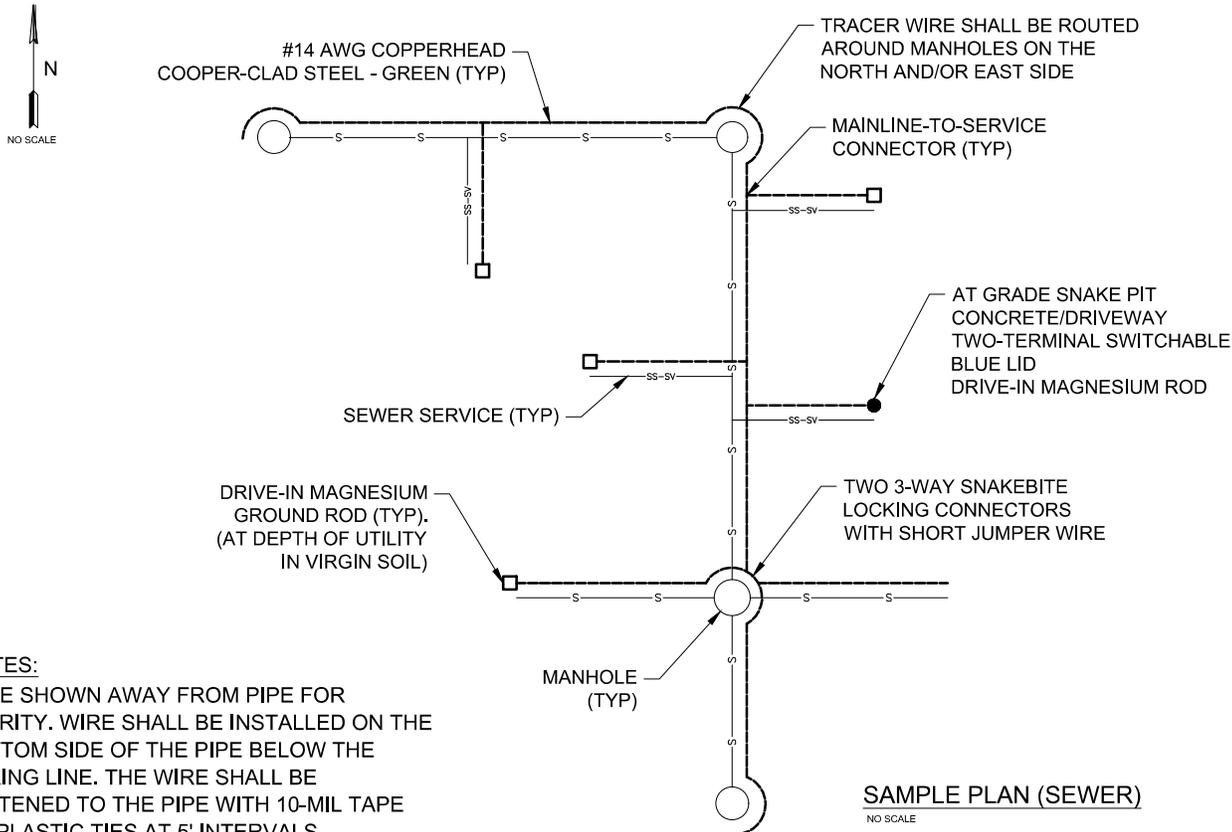


SAMPLE PLAN (WATER)

NO SCALE

NOTES:

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 10-MIL TAPE OR PLASTIC TIES AT 5' INTERVALS.



SAMPLE PLAN (SEWER)

NO SCALE

NOTES:

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 10-MIL TAPE OR PLASTIC TIES AT 5' INTERVALS.