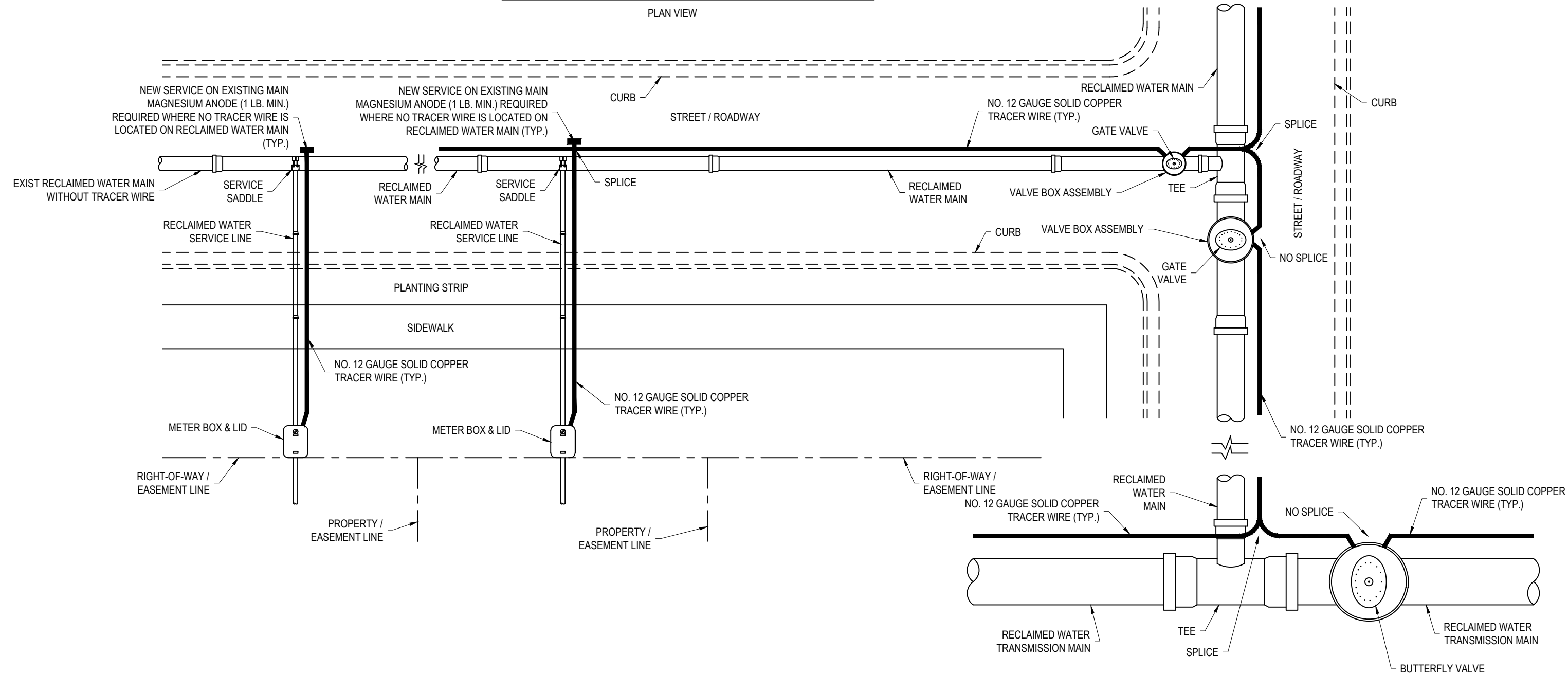


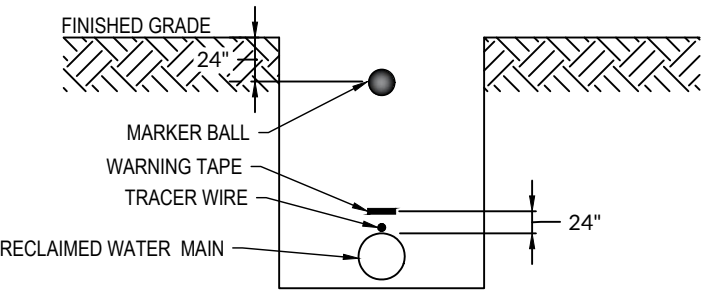
STREET VIEW - RECLAIMED WATER MAIN TRACER WIRE

PLAN VIEW



TRENCH DETAIL

PROFILE VIEW



- NOTES:
1. TRACER WIRE SHOWN AWAY FROM PIPE FOR CLARITY. TRACER WIRE SHALL BE INSTALLED IMMEDIATELY ADJACENT TO THE RECLAIMED WATER PIPE. TRACER WIRE SHALL BE FASTENED TO THE PIPE WITH ZIP TIES AT 10 FOOT INTERVALS.
 2. TRACER WIRE SHALL BE SOLID COPPER NO. 12 WITH 30 MILS PURPLE HDPE INSULATION.
 3. LOCATOR POST REQUIRED FOR 30 INCH AND LARGER DISTRIBUTION MAINS ONLY.

TRACER WIRE - PVC PRESSURE PIPE (RECLAIMED WATER MAIN)

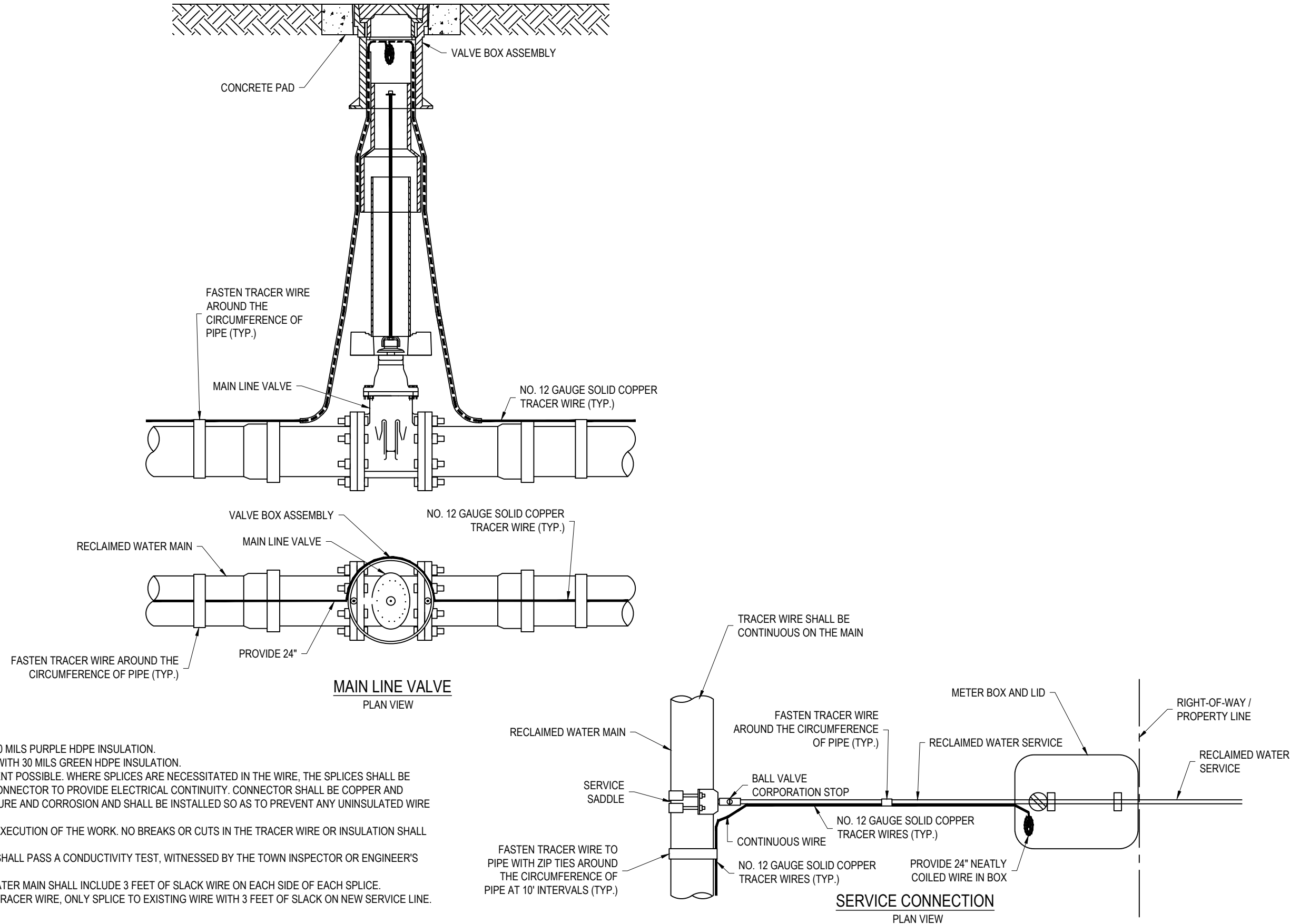
TOWN OF HOLLY SPRINGS

STANDARD DETAIL NUMBER: HS501

DATE REVISIONS

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- NOTES:
1. TRACER WIRE SHALL BE AWG NO. 12 GAUGE SOLID COPPER WITH 30 MILS PURPLE HDPE INSULATION.
 2. SEWER FORCE MAIN SHALL BE AWG NO. 12 GAUGE SOLID COPPER WITH 30 MILS GREEN HDPE INSULATION.
 3. THE TRACER WIRE SHALL BE CONTINUOUS TO THE GREATEST EXTENT POSSIBLE. WHERE SPLICES ARE NECESSITATED IN THE WIRE, THE SPLICES SHALL BE SECURELY BONDED TOGETHER WITH AN APPROVED INDUSTRIAL CONNECTOR TO PROVIDE ELECTRICAL CONTINUITY. CONNECTOR SHALL BE COPPER AND INSULATION SHALL BE REPAIRED AS DETAILED TO SEAL OUT MOISTURE AND CORROSION AND SHALL BE INSTALLED SO AS TO PREVENT ANY UNINSULATED WIRE EXPOSURE.
 4. TRACER WIRE SHALL BE PROTECTED FROM DAMAGE DURING THE EXECUTION OF THE WORK. NO BREAKS OR CUTS IN THE TRACER WIRE OR INSULATION SHALL BE PERMITTED.
 5. PRIOR TO ACCEPTANCE (POST PUNCH LIST) EACH WIRE SEGMENT SHALL PASS A CONDUCTIVITY TEST, WITNESSED BY THE TOWN INSPECTOR OR ENGINEER'S REPRESENTATIVE.
 6. SPLICES IN THE PRIMARY TRACER WIRE ALONG THE RECLAIMED WATER MAIN SHALL INCLUDE 3 FEET OF SLACK WIRE ON EACH SIDE OF EACH SPLICE.
 7. FOR INSTALLING A NEW SERVICE LINE ON AN EXISTING MAIN WITH TRACER WIRE, ONLY SPLICE TO EXISTING WIRE WITH 3 FEET OF SLACK ON NEW SERVICE LINE.

TRACER WIRE - PVC PRESSURE PIPE (RECLAIMED WATER MAIN)

TOWN OF HOLLY SPRINGS

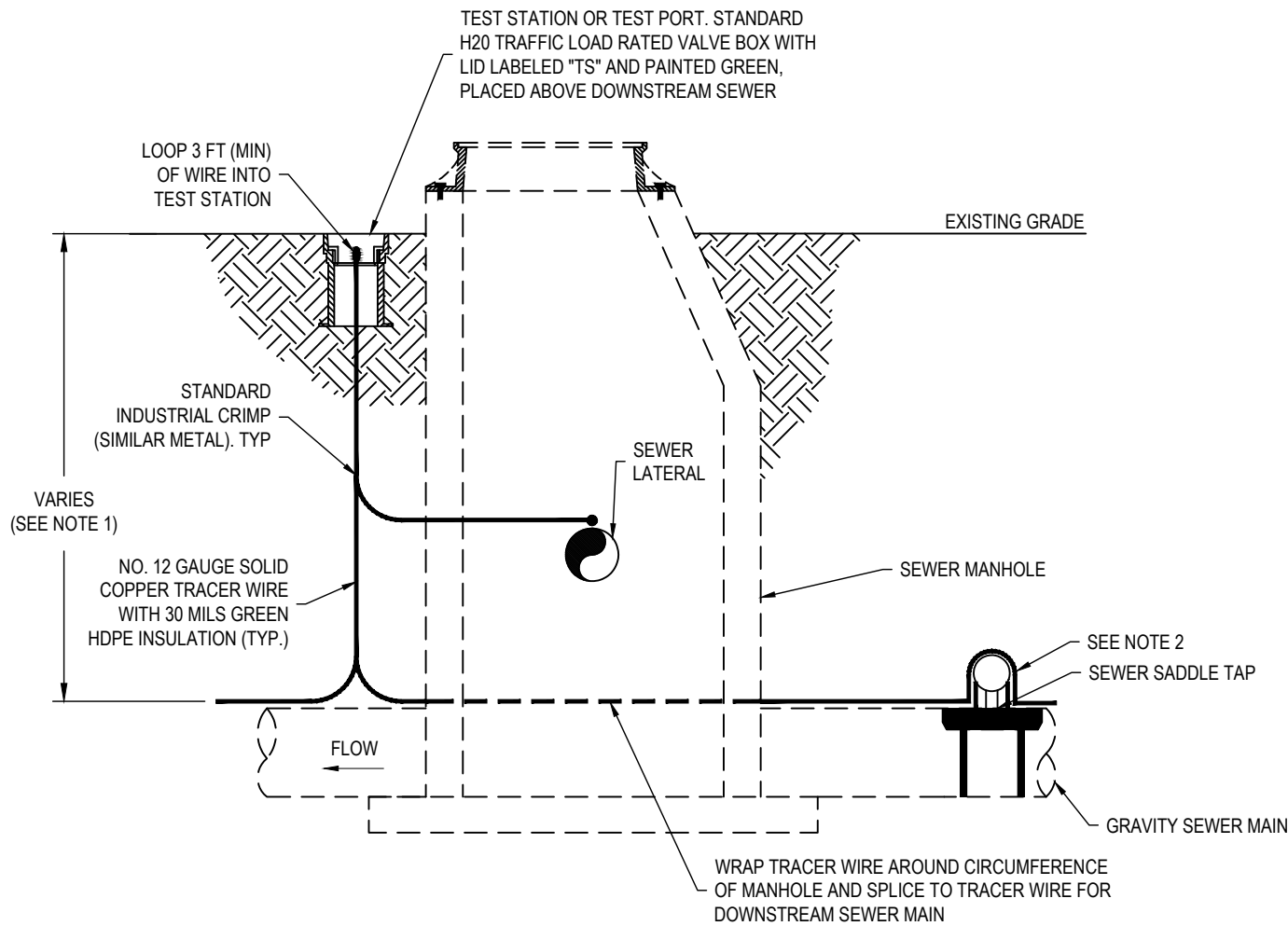
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DATE REVISIONS

6/11/24

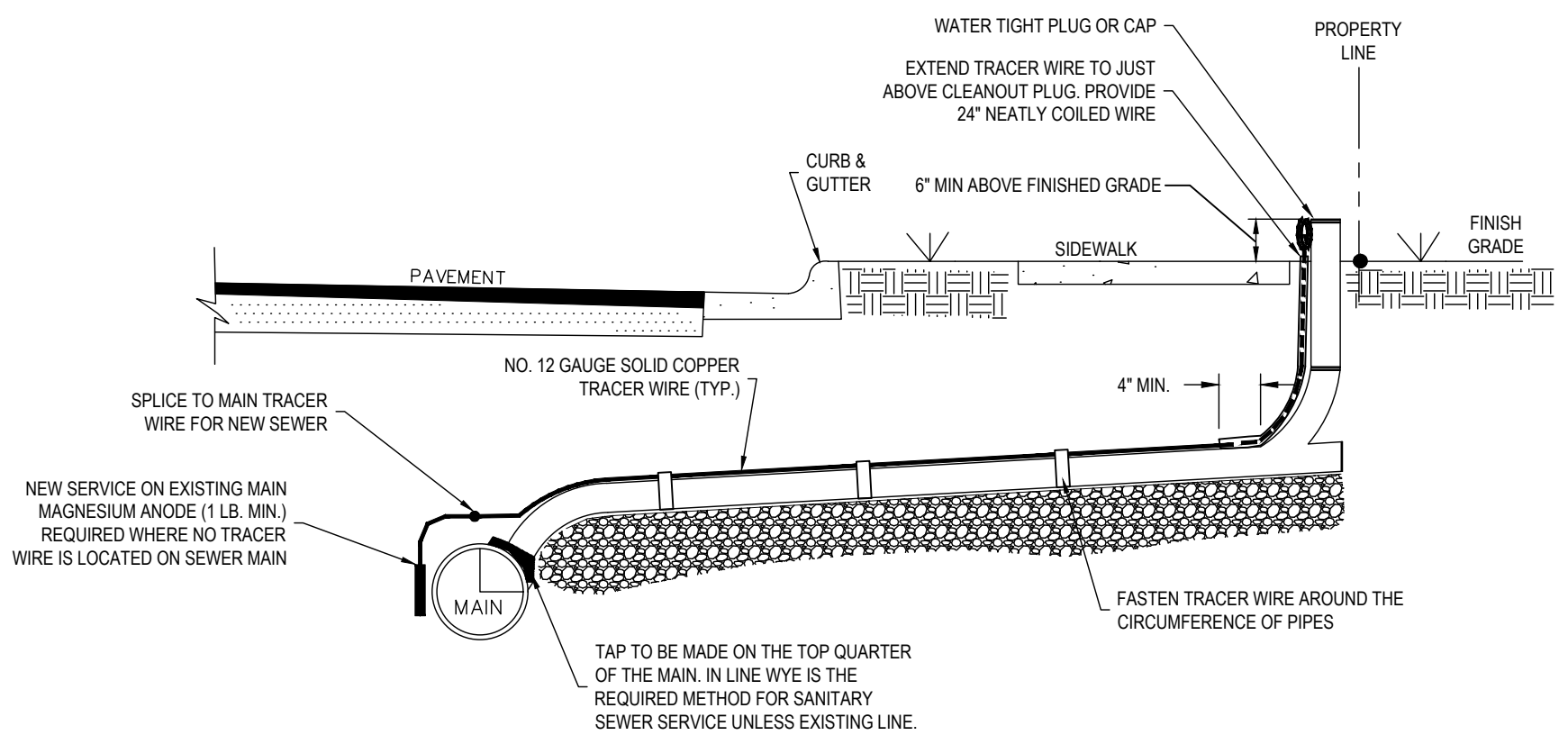
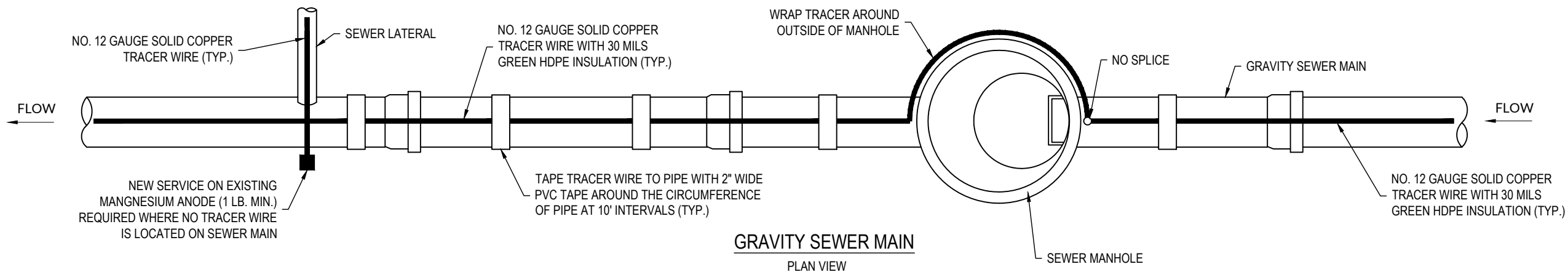
11/19/24





- NOTES:**
1. THE TRACER WIRE SHALL BE CONTINUOUS TO THE GREATEST EXTENT POSSIBLE. FOR GRAVITY MAIN AND OR LATERAL INSTALLATIONS LESS THAN 8 FEET, THE TRACING WIRE SHALL BE ATTACHED TO THE PIPE. TRACER WIRE SHALL BE LAID FLAT AND SECURELY AFFIXED TO THE PIPE AT 10 FOOT INTERVALS. FOR GRAVITY MAIN AND OR LATERAL INSTALLATION DEEPER THAN 8 FEET, THE TRACING WIRE SHALL BE INSTALLED AT A DEPTH OF 7-8 FEET. THE WIRE SHALL BE PROTECTED FROM DAMAGE DURING THE EXECUTION OF THE WORK. NO BREAKS OR CUTS IN THE TRACER WIRE SHALL BE PERMITTED.
 2. WHERE LATERAL TAPS ARE MADE BY SERVICE SADDLES, THE TRACER WIRE SHALL NOT BE ALLOWED TO BE PLACED BETWEEN THE SADDLE AND MAIN.

TYPICAL SECTION



SERVICE CONNECTION

- NOTES:**
1. THE TRACER WIRE SHALL BE CONTINUOUS TO THE GREATEST EXTENT POSSIBLE. WHERE SPLICES ARE NECESSITATED IN THE WIRE, THE SPLICES SHALL BE SECURELY BONDED TOGETHER WITH AN APPROVED INDUSTRIAL CONNECTOR TO PROVIDE ELECTRICAL CONTINUITY. CONNECTOR SHALL BE COPPER AND INSULATION SHALL BE REPAIRED TO SEAL OUT MOISTURE AND CORROSION AND SHALL BE INSTALLED IN A MANNER SO AS TO PREVENT ANY UNINSULATED WIRE EXPOSURE.
 2. THE CLEANOUT AT THE RIGHT OF WAY AND OR EASEMENT SHALL SERVE AS THE TEST PORT.
 3. SPLICED CONNECTIONS SHALL BE ALLOWED BETWEEN THE MAIN LINE TRACER WIRE AND THE LATERAL TRACER WIRE.
 4. FOR NEW SEWER TAPS ON EXISTING MAINS VOID OF ANY TRACER WIRE, PROVIDE A 1 LB. MAGNESIUM ANODE FOR THE TRACING WIRE TERMINATION AT THE POINT OF THE NEW TAP ON THE EXISTING SEWER MAIN. PLACE ANODE AT BOTTOM EDGE OF TRENCH AWAY FROM MAIN & LATERAL.
 5. PRIOR TO ACCEPTANCE (POST PUNCH LIST) EACH WIRE SEGMENT SHALL PASS A CONDUCTIVITY TEST, WITNESSED BY THE TOWN INSPECTOR OR ENGINEER'S REPRESENTATIVE.

DRAWING NOT TO SCALE

TRACER WIRE - GRAVITY SEWER DETAILS

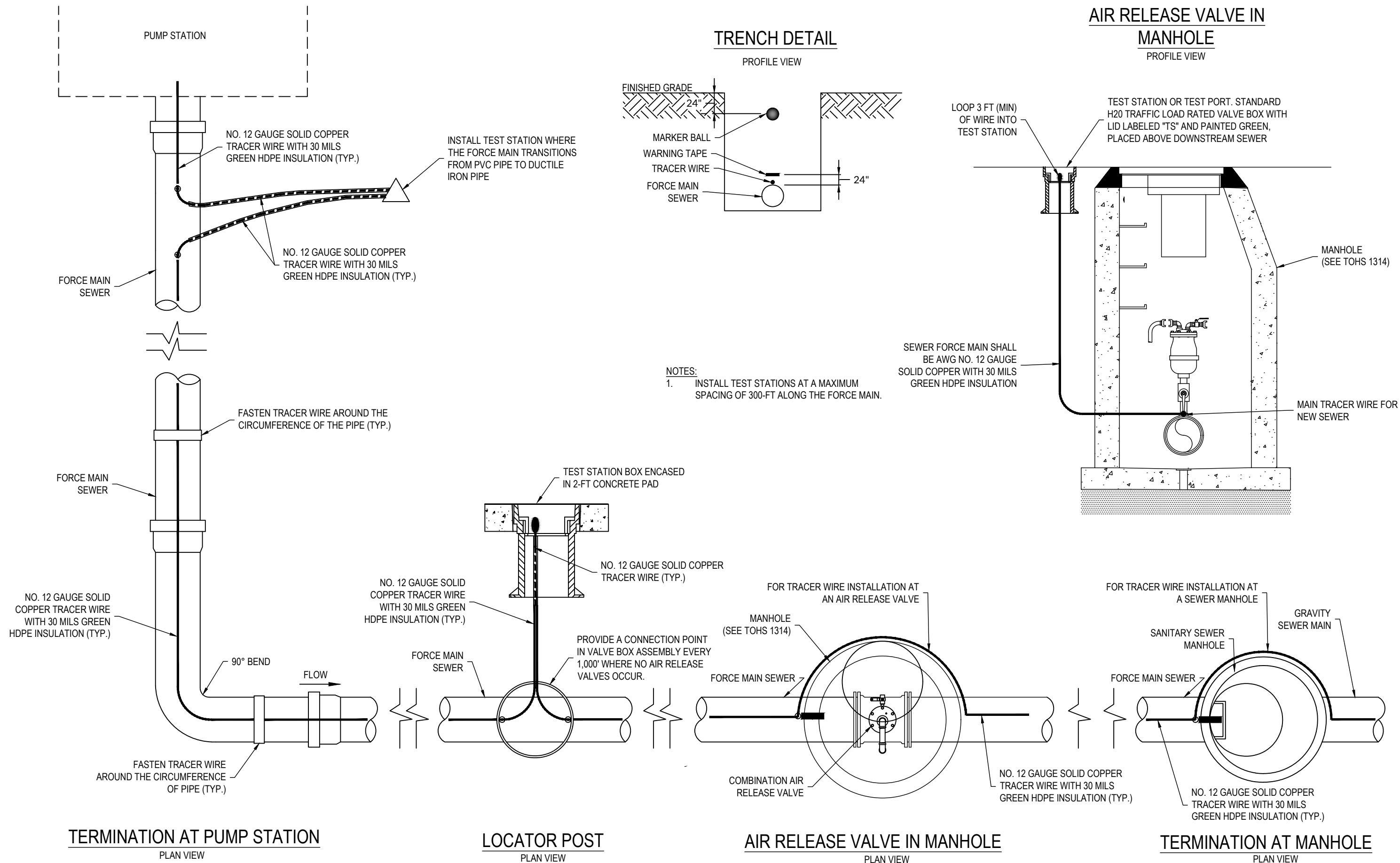
TOWN OF HOLLY SPRINGS

STANDARD DETAIL NUMBER: HS502

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TRACER WIRE - FORCE MAIN

TOWN OF HOLLY SPRINGS

STANDARD DETAIL NUMBER: HS503

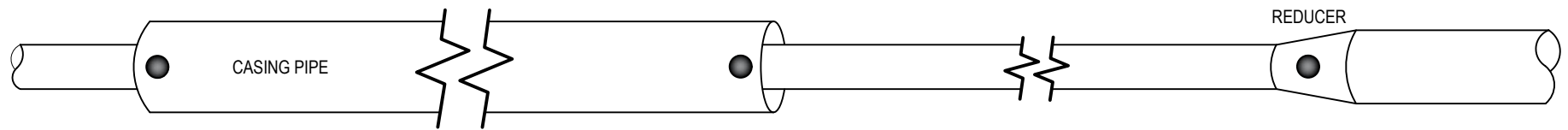
DATE REVISIONS

6/11/24

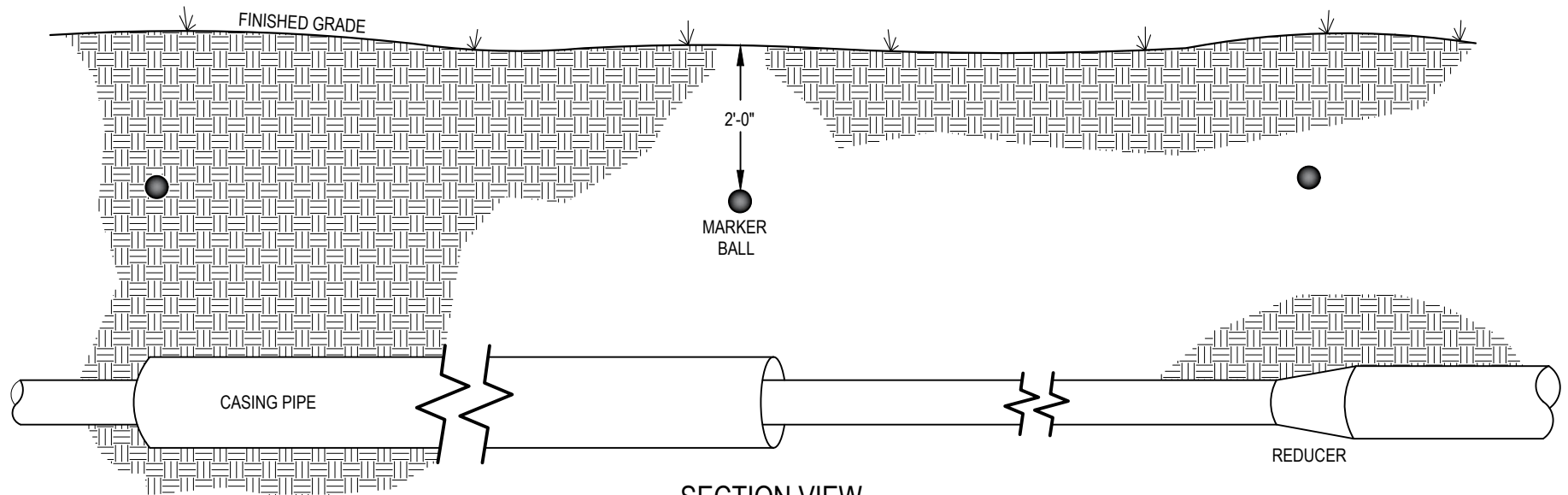
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DRAWING NOT TO SCALE





PLAN VIEW



SECTION VIEW

UTILITY MARKER BALL COLOR

GREEN - SEWER

BLUE - POTABLE WATER

PURPLE - RECLAIMED WATER

● = PRE-PROGRAMMED MARKER BALL

NOTES:

1. MARKER BALLS SHALL BE LOCATED ABOVE THE PIPE, 2 FEET BELOW FINISHED GRADE.
2. ADDITIONAL BALLS MAY BE REQUIRED AS DIRECTED BY THE TOWN IN CONGESTED AREAS OR TO MARK AN ATYPICAL ALIGNMENT.

DRAWING NOT TO SCALE

STANDARD UTILITY MARKER BALL LOCATIONS

TOWN OF HOLLY SPRINGS

STANDARD DETAIL NUMBER: HS504

DATE

REVISIONS

2/22/19
11/19/24

