

NOTES:

1. SEE SCWA STANDARD SPECIFICATIONS FOR ADDITIONAL BEDDING AND TRENCH BACKFILL REQUIREMENTS.
2. DEPTH OF COVER OVER WATER MAINS LESS THAN 12" DIA SHALL BE MINIMUM 4'-0"; FOR DIA GREATER THAN 12", MINIMUM COVER SHALL BE 5'-0". FOR GRAVITY SEWER MAINS, MINIMUM COVER SHALL BE 4'-0". FOR SANITARY SEWER FORCE MAINS, MINIMUM COVER SHALL BE 5'-0". DEPTH OF COVER IS AS MEASURED FROM TOP OF PAVEMENT OR FINISHED GRADE TO TOP OF PIPE.
3. FOR FORCE MAINS, INSTALL TRACER WIRE ABOUT 12-18 INCHES ABOVE THE CROWN OF THE FORCE MAIN CONTINUOUSLY ALONG THE TRENCH IN ACCORDANCE WITH STANDARD DETAIL G04.
4. NO ROCK, ONLY BEDDING MATERIAL IN BACKFILL FOR FIRST 2'-0" ABOVE TOP OF PIPE.
5. FINAL BACKFILL MATERIAL UNDER NON-PAVED AREAS WITHIN THE ROAD RIGHT-OF-WAY SHALL BE PLACED IN LAYERS NOT TO EXCEED EIGHT (8) INCH THICKNESS AND SHALL BE COMPACTED TO NOT LESS THAN 90 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 698 - STANDARD PROCTOR. FINAL BACKFILL MATERIAL IN NON-PAVED AREAS OUTSIDE OF ROAD RIGHT-OF-WAY SHALL BE COMPACTED TO NOT LESS THAN 85 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 698 - STANDARD PROCTOR.
6. FINAL BACKFILL MATERIAL UNDER ROADWAYS AND OTHER PAVED AREAS SHALL BE PLACED IN LAYERS NOT TO EXCEED EIGHT (8) INCHES IN THICKNESS AND SHALL BE COMPACTED TO A DENSITY OF NOT LESS THAN 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D 698 - STANDARD PROCTOR. THE TOP TWELVE (12) INCHES OF SUB-BASE SHALL BE COMPACTED TO 98% OF MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D 698.
7. FINAL BACKFILL TO BE CRUSHER RUN UNDER ALL PAVING FROM 12" ABOVE THE TOP OF PIPE TO THE BOTTOM OF THE CONCRETE ROAD CAP.
8. BACKFILL TO BE FREE OF ORGANICS, OBJECTIONABLE MATERIAL AND STONES LARGER THAN 3" IN ITS LONGEST DIMENSION.
9. PLACE SUITABLE FILL IN LAYERS NOT EXCEEDING SIX (6) INCHES IN THICKNESS AND CONSOLIDATE BY TAMPING ON BOTH SIDES OF THE PIPE.



SPALDING COUNTY WATER AUTHORITY

**BACKFILL AND
ALLOWABLE TRENCH
WIDTHS DETAIL**

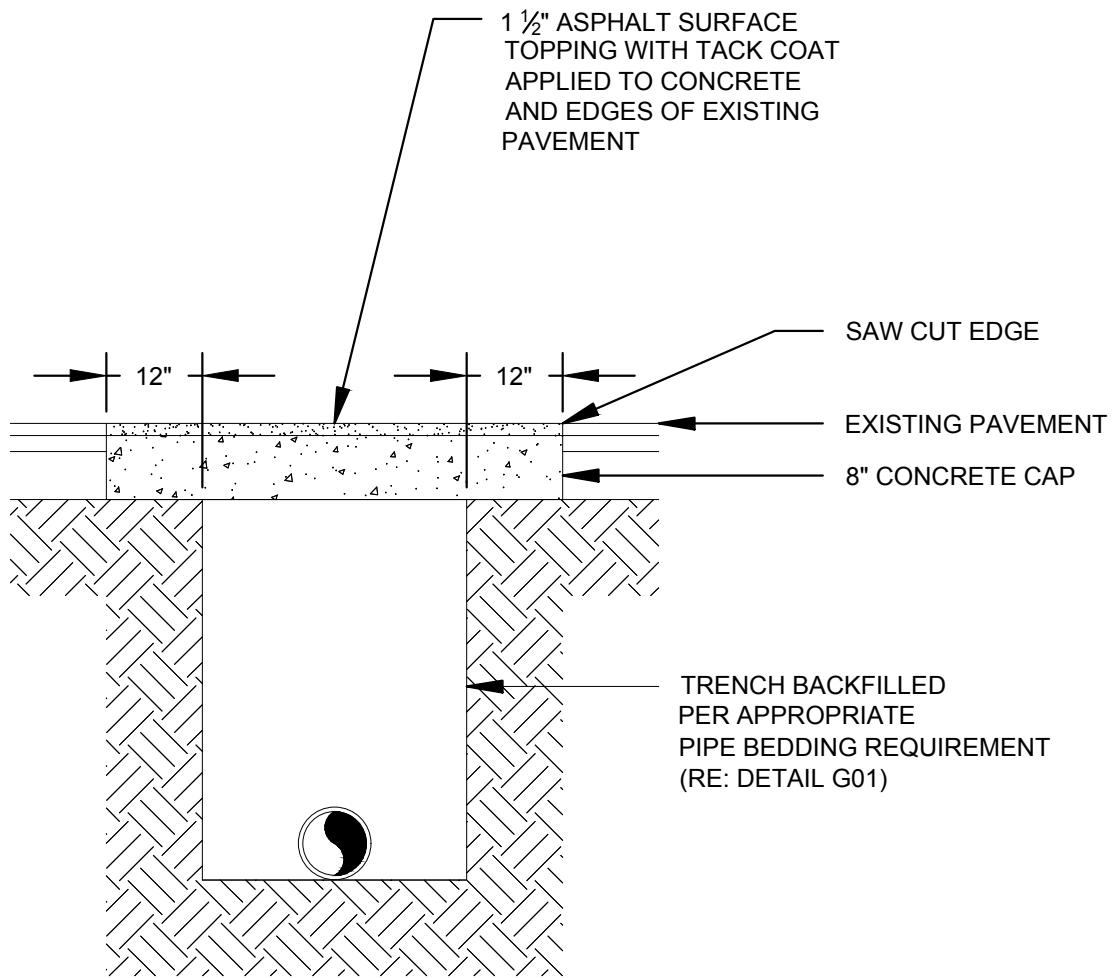
SPEC. DATE: 2024

REVISED: N/A

SCALE: N.T.S.

DETAIL NO.

G01



NOTES:

1. THIS DETAIL IS THE MINIMUM PAVEMENT REPAIR REQUIREMENT. SPALDING COUNTY DOT OR GEORGIA DOT PAVEMENT REPAIR DETAILS SHALL SUPERCEDE THIS DETAIL AND SHALL BE USED WHERE APPLICABLE.
2. CONCRETE FOR CONCRETE CAP SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 2,500 PSI @ 28 DAYS.



SPALDING COUNTY WATER AUTHORITY

SPEC. DATE: 2024

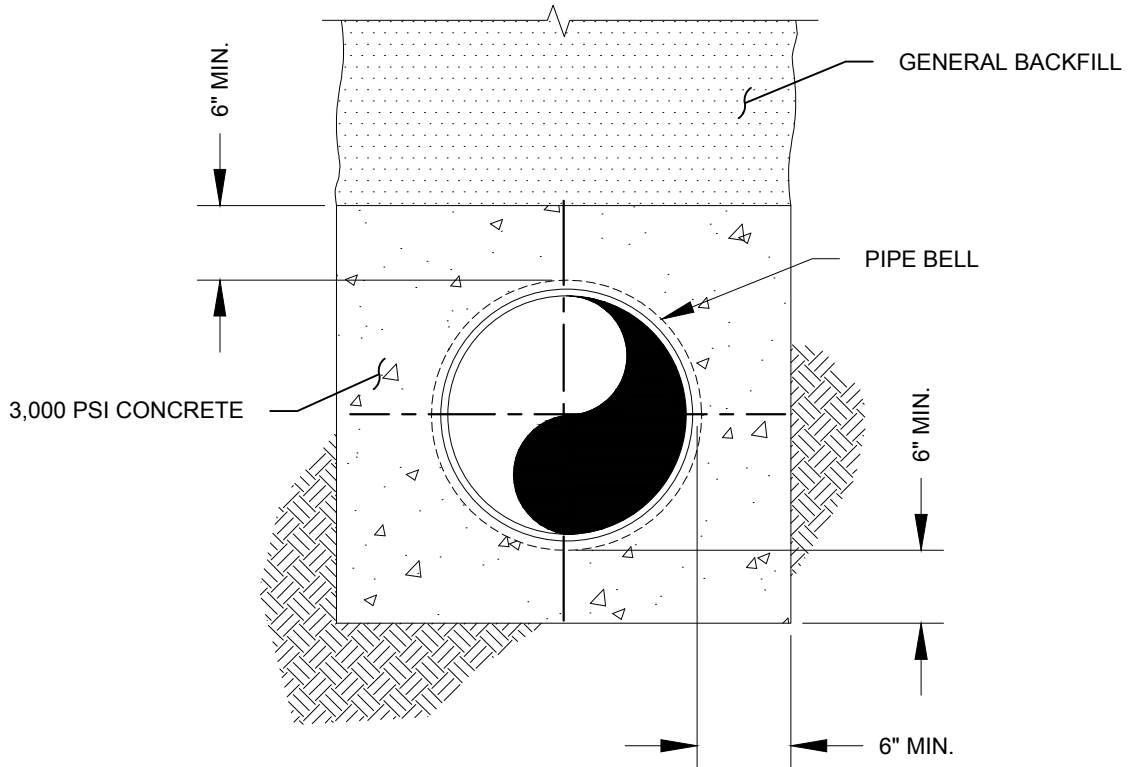
REVISED: N/A

SCALE: N.T.S.

PAVEMENT REPAIR

DETAIL NO.

G02



SPALDING COUNTY WATER AUTHORITY

CONCRETE ENCASEMENT

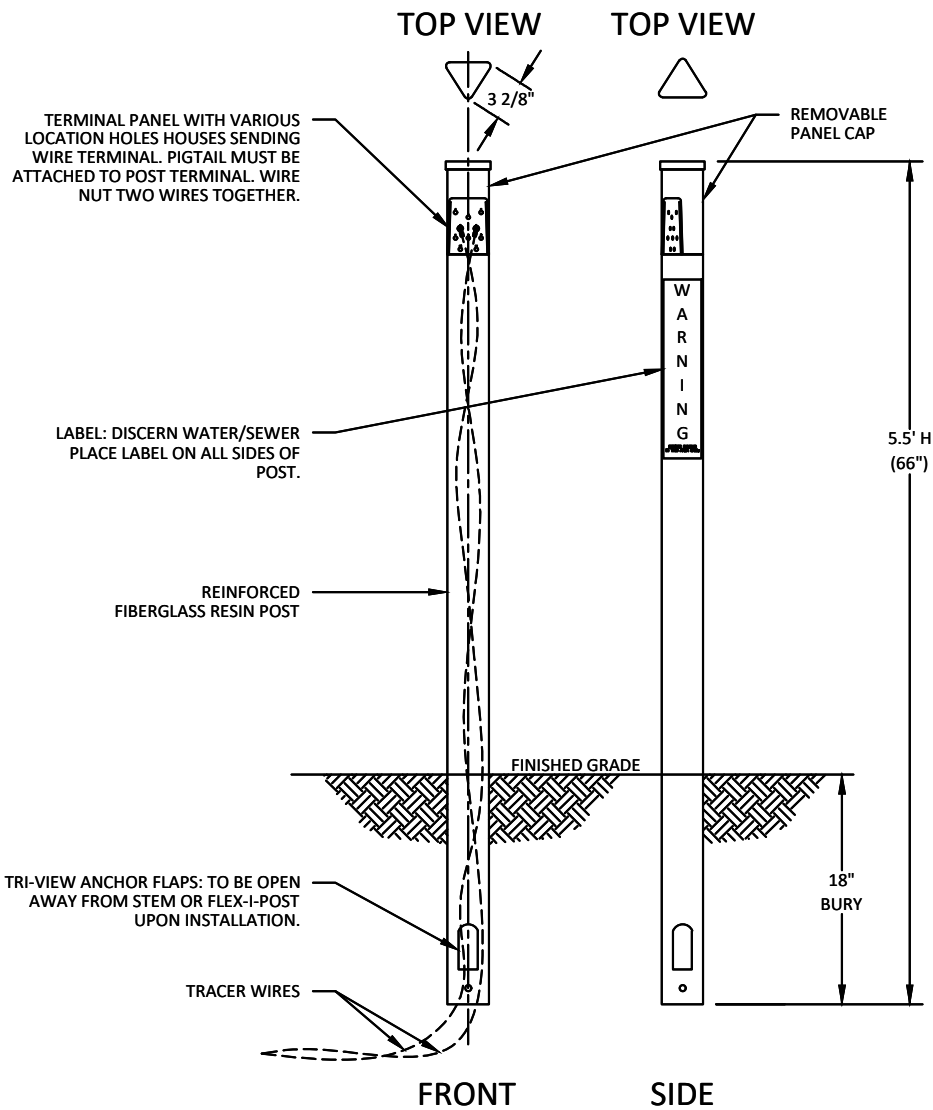
SPEC. DATE: 2024

REVISED: N/A

SCALE: N.T.S.

DETAIL NO.

G03



UTILITY COLOR CODE SPECIFICATIONS:	
BLUE	WATER
GREEN	SEWER: SEWAGE AND DRAIN LINES
ORANGE	TELECOMMUNICATION: ALARM OR SIGNAL LINES, FIBER OPTIC CABLE, OR CONDUIT.
RED	ELECTRICAL POWER LINES, CABLES OR CONDUIT, AND LIGHTING CABLES
YELLOW	NATURAL GAS: OIL, STEAM, PETROLEUM, OR OTHER GASEOUS OR FLAMMABLE MATERIAL
WHITE	PROPOSED EXCAVATION LIMITS OF ROUTE

NOTES:

1. TRACER WIRE SHALL BE DIRECT BURIAL #12 AWG SOLID, SOFT DRAWN, HIGH STRENGTH COPPER CLAD STEEL WIRE, 30-VOLT RATING.
2. TRACER WIRE SHALL BE 30-MIL HIGH MOLECULAR WIGHT, HIGH-DENSITY, POLYETHYLENE JACKET COMPLYING WITH ASTM D1248.
3. TRACER WIRES SHALL BE CONNECTED TOGETHER USING MOISTURE DISPLACEMENT CONNECTORS WITH STRAIN RELIEF.
4. TRACER WIRE COLOR SHALL BE:
 WATER SERVICE - BLUE
 SANITARY SEWAGE SERVICE - GREEN



SPALDING COUNTY WATER AUTHORITY

TRACER WIRE UTILITY MARKERS

SPEC. DATE: 2024

REVISED: N/A

SCALE: N.T.S.

DETAIL NO.

G04