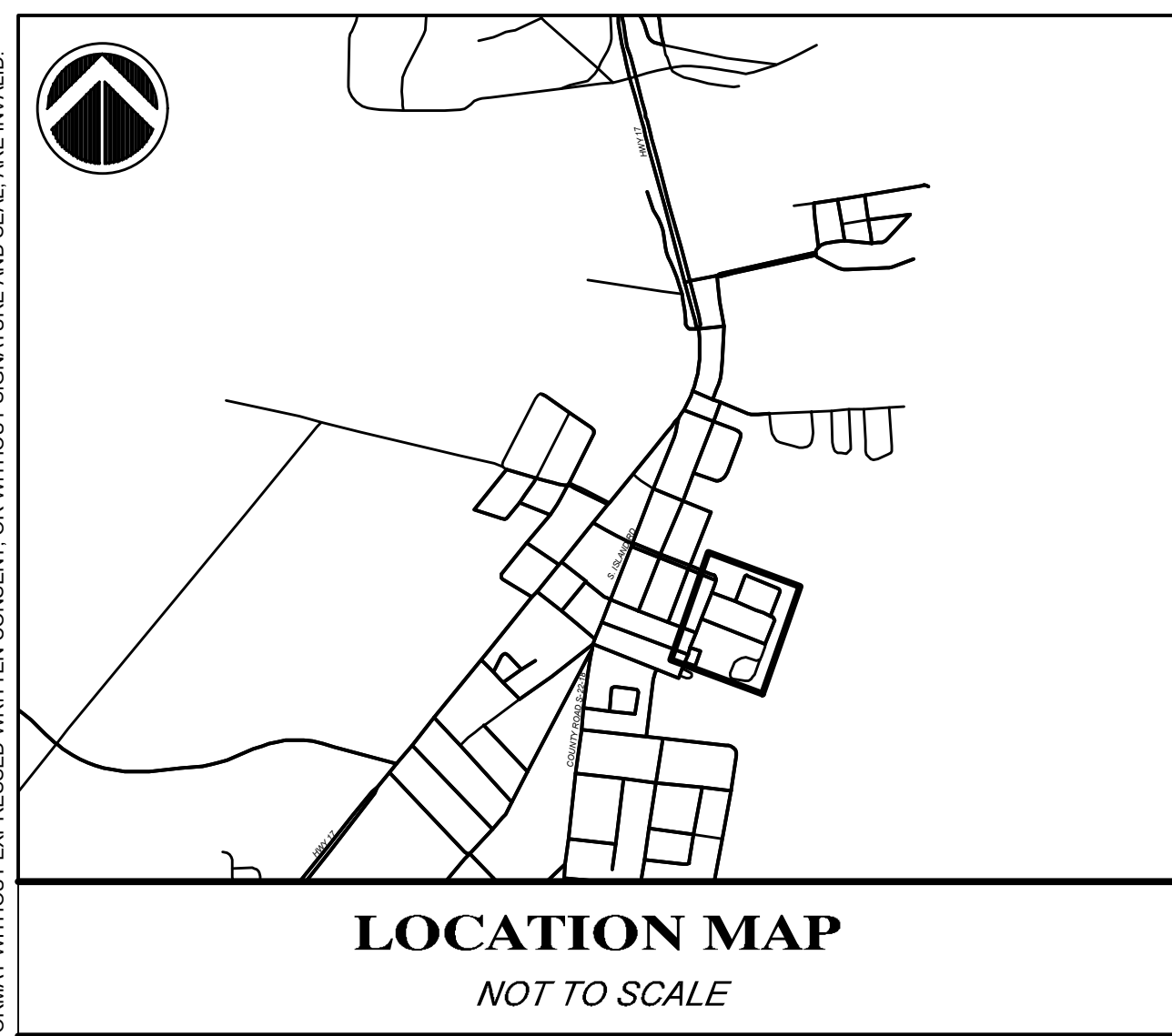


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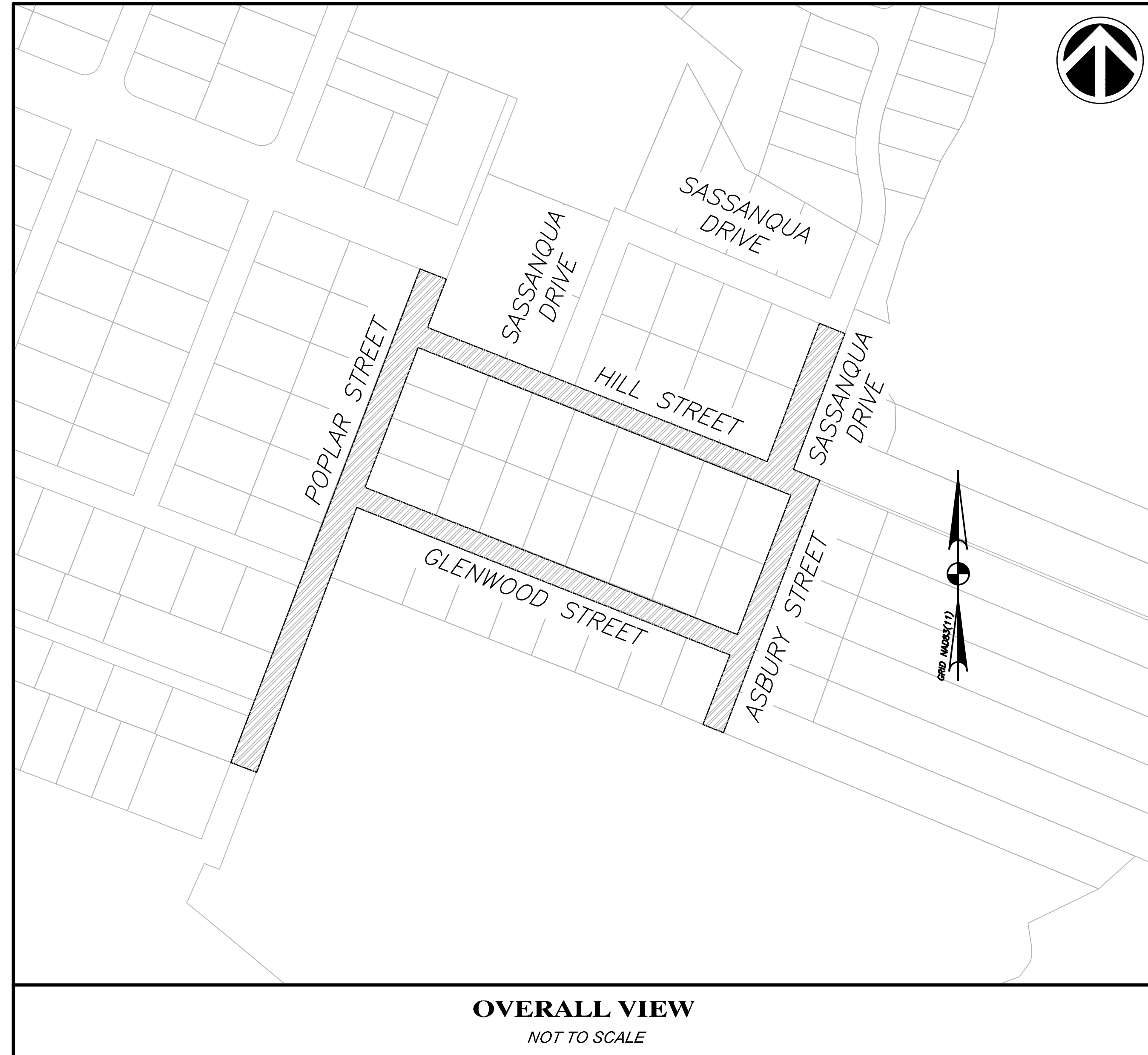


MARYVILLE WATER DISTRIBUTION IMPROVEMENT

PHASE 1

GEORGETOWN, SOUTH CAROLINA

SHEET #	SHEET TITLE	ORIGINAL DATE	REV #	REVISION DATE
C-1	COVER	6/22/2023	2	2/26/2024
C-2	GENERAL NOTES AND LEGENDS	6/22/2023	2	2/26/2024
C-3.1	SEDIMENT & EROSION CONTROL PLAN	6/22/2023	-	-
C-3.2	SEDIMENT & EROSION CONTROL PLAN	6/22/2023	-	-
C-3.3	SEDIMENT & EROSION CONTROL PLAN	6/22/2023	-	-
C-4.1	SEDIMENT & EROSION CONTROL DETAILS	6/22/2023	-	-
C-4.2	SCDOT DETAILS	6/22/2023	-	-
C-4.3	SCDOT DETAILS	6/22/2023	-	-
C-5.1	WATER LINE PLAN/PROFILE	6/22/2023	-	-
C-5.2	WATER LINE PLAN/PROFILE	6/22/2023	-	-
C-5.3	WATER LINE PLAN/PROFILE	6/22/2023	-	-
C-5.4	WATER LINE PLAN/PROFILE	6/22/2023	-	-
C-5.5	WATER LINE PLAN/PROFILE	6/22/2023	-	-
C-5.6	WATER LINE PLAN/PROFILE	6/22/2023	-	-
C-6.1	WATER DISTRIBUTION DETAILS	6/22/2023	-	-



PROJECT CONTACTS	
CLIENT	
NAME:	CITY OF GEORGETOWN
CONTACT:	ORLANDO ARTEAGA, P.E.
ADDRESS:	POST OFFICE BOX 939 GEORGETOWN, SC 29440
PHONE:	(843) 545-4500
SURVEYOR	
NAME:	G3 ENGINEERING AND SURVEYING
CONTACT:	KEN CRAWFORD
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PHONE:	(843) 237-1001
CITY OF GEORGETOWN	
DEPT:	ENGINEERING & PUBLIC WORKS
CONTACT:	ORLANDO ARTEAGA, P.E.
ADDRESS:	PO DRAWER 939 GEORGETOWN, SC 29442
PHONE:	(843) 545-4500

Construction Plan Set

RELEASED FOR CONSTRUCTION

THESE PLANS ARE HEREBY RELEASED FOR CONSTRUCTION BASED UPON THE APPROVALS FROM THE FOLLOWING AGENCIES:

AGENCY / MUNICIPALITY _____	DATE _____
AGENCY / MUNICIPALITY _____	DATE _____
AGENCY / MUNICIPALITY _____	DATE _____
AGENCY / MUNICIPALITY _____	DATE _____

ALL PLAN SHEETS HAVE BEEN STAMPED, AND ANY PLAN SHEET NOT STAMPED SHALL NOT BE VALID FOR CONSTRUCTION.

APPROVED FOR G3 ENGINEERING _____ DATE _____

PREPARED BY:

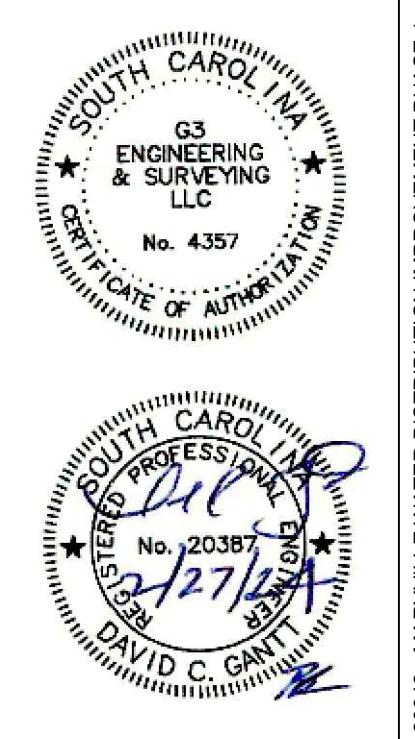
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ENGINEERING & SURVEYING

P.O. BOX 2666
PAWLEYS ISLAND, SC 29585
PHONE: 843.237.1001
www.G3Engineering.org
PROJECT NO: 23042

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REV #	DESCRIPTION	DATE
2	DRAWING EXISTING FORECAMAN	2/26/2024
1	CITY OF GEORGETOWN COMMENTS	12/17/2023

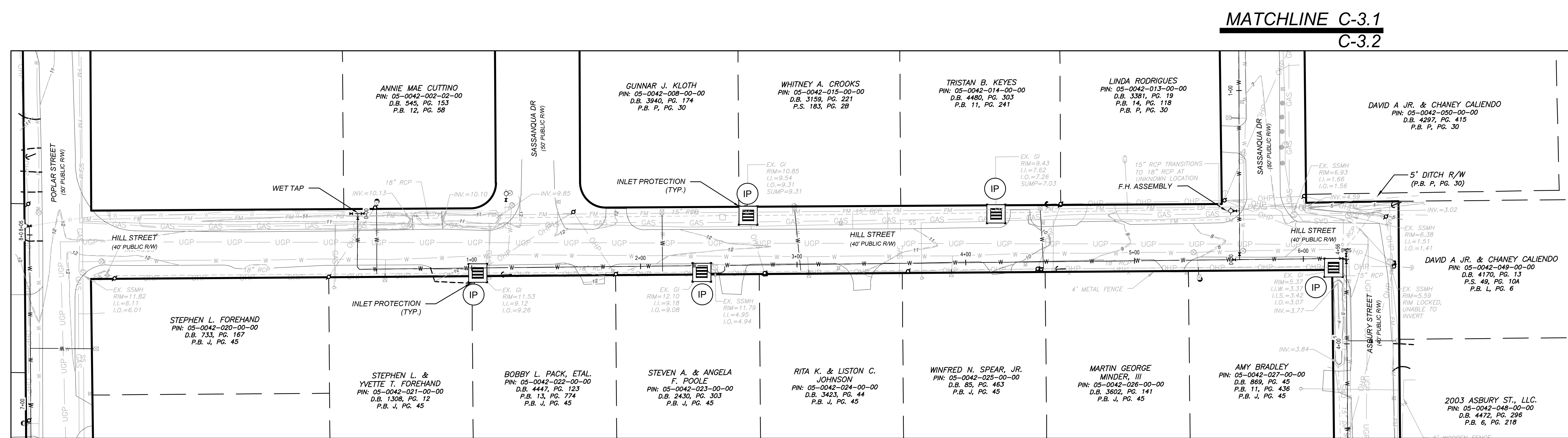


C1

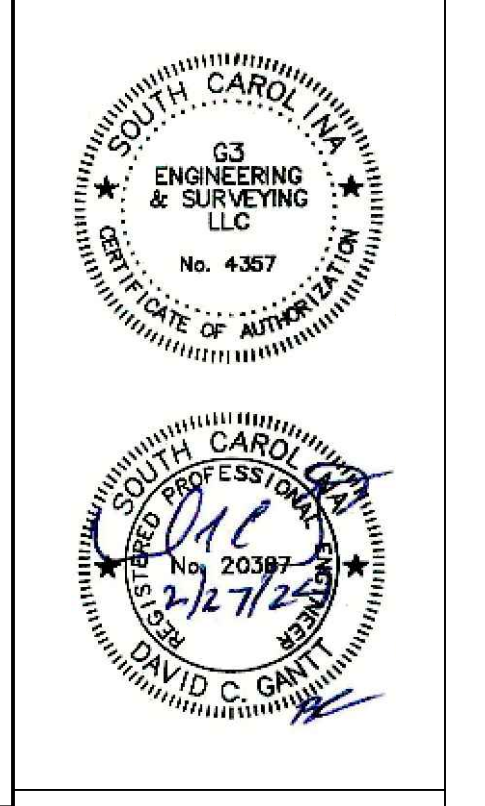
23042 - MARYVILLE WATER DISTRIBUTION IMPROVEMENT PHASE 1

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2/27/2024 11:33:48 AM S:\2024 - Maryville Water Distribution Improvements Ph. 1\DWG\23042_Sect.dwg



REV#	DESCRIPTION	DATE
1		12/12/2023
2	DRAWING EXISTING FORCE MAIN	2/26/2024



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MARYVILLE WATER DISTRIBUTION
 GEORGETOWN COUNTY, GEORGETOWN, SOUTH CAROLINA
 PREPARED FOR
CITY OF GEORGETOWN
SEDIMENT AND EROSION CONTROL PLAN

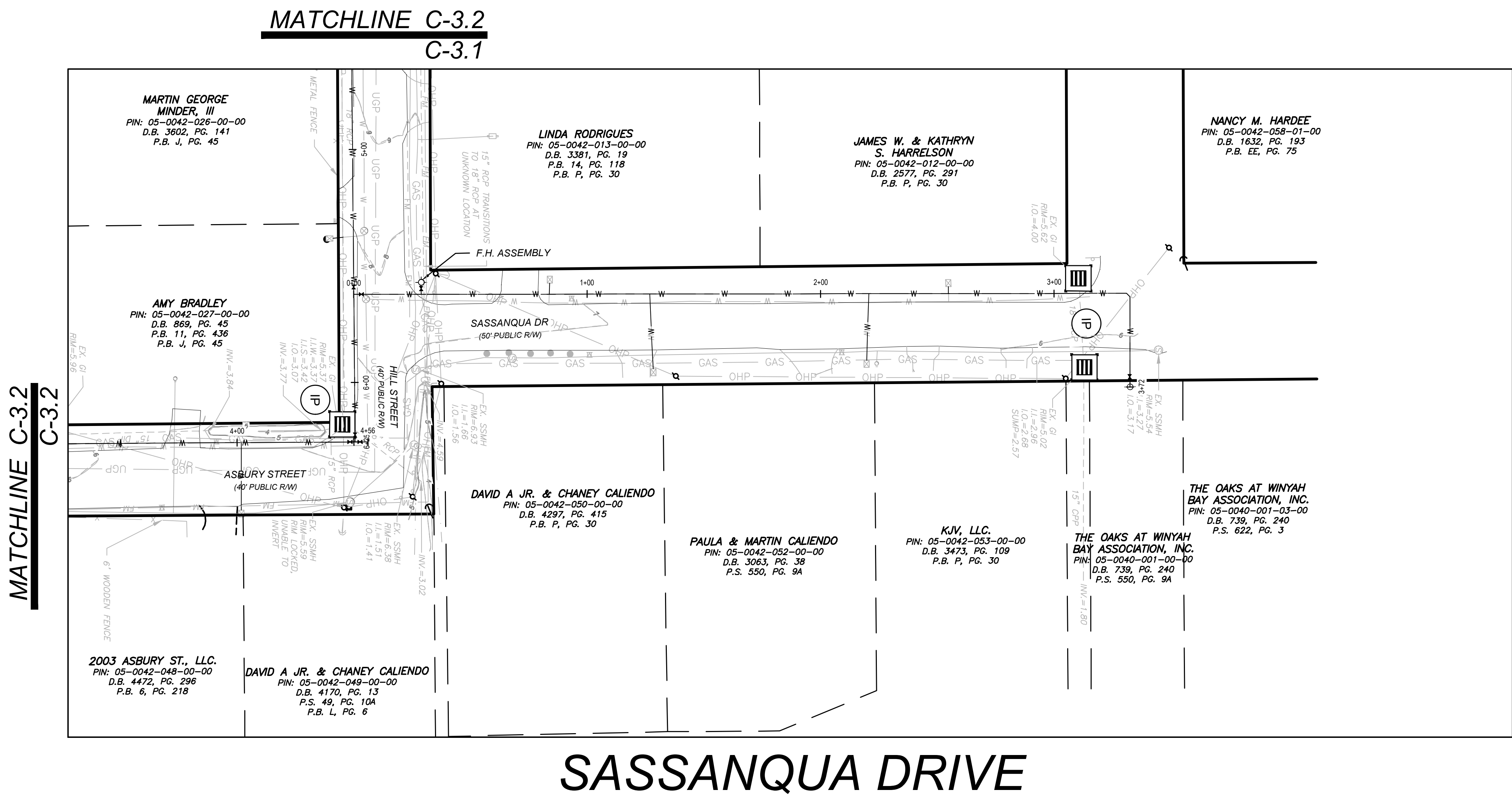
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DESIGNED: TEH
 DRAWN: BMB
 APPROVED: DCG
 PROJ. NO. 23042
 DATE: 08/03/2023

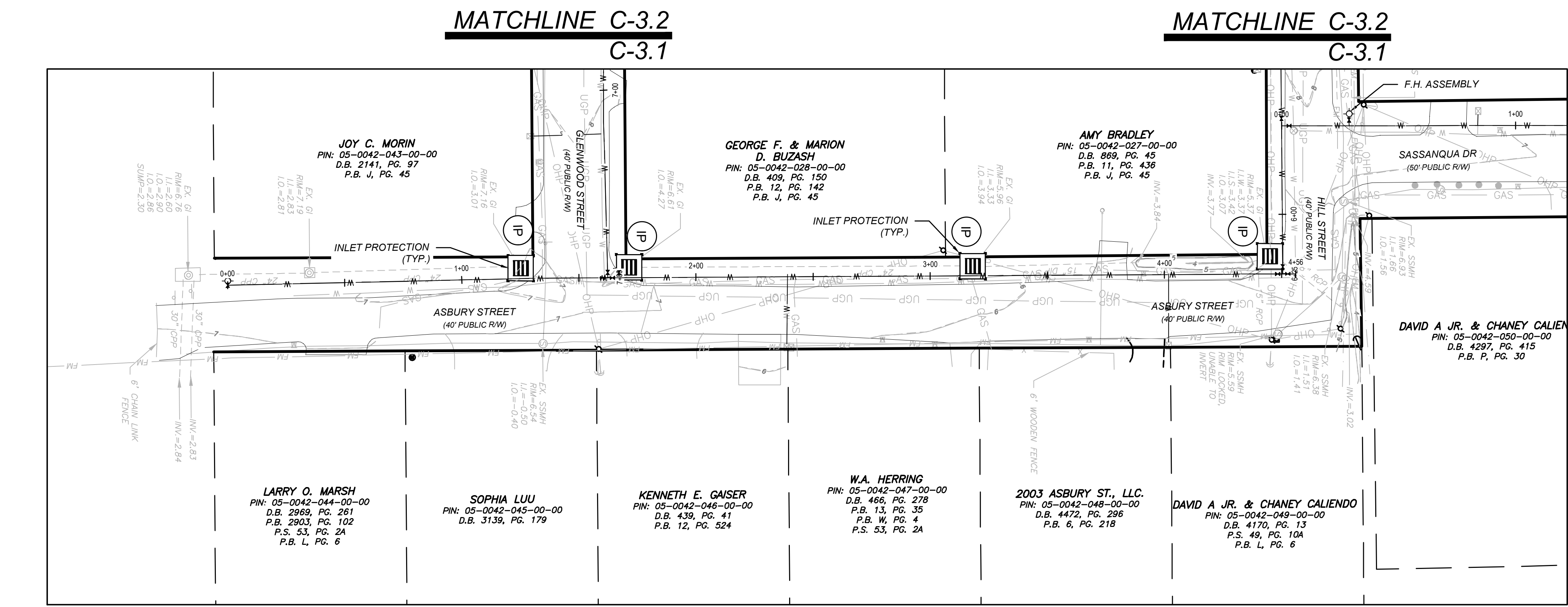
SHEET **C-3.1**

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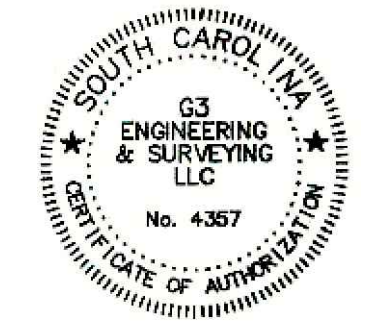


SASSANQUA DRIVE



ASBURY STREET

REV #	DESCRIPTION	BY	DATE
2	DRAWING EXISTING FORCE MAIN CITY OF GEORGETOWN COMMENTS	RTH	2/26/24
1		TEH	12/12/23



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MARYVILLE WATER DISTRIBUTION
 GEORGETOWN COUNTY, GEORGETOWN, SOUTH CAROLINA
 PREPARED FOR
CITY OF GEORGETOWN
SEDIMENT AND EROSION CONTROL PLAN

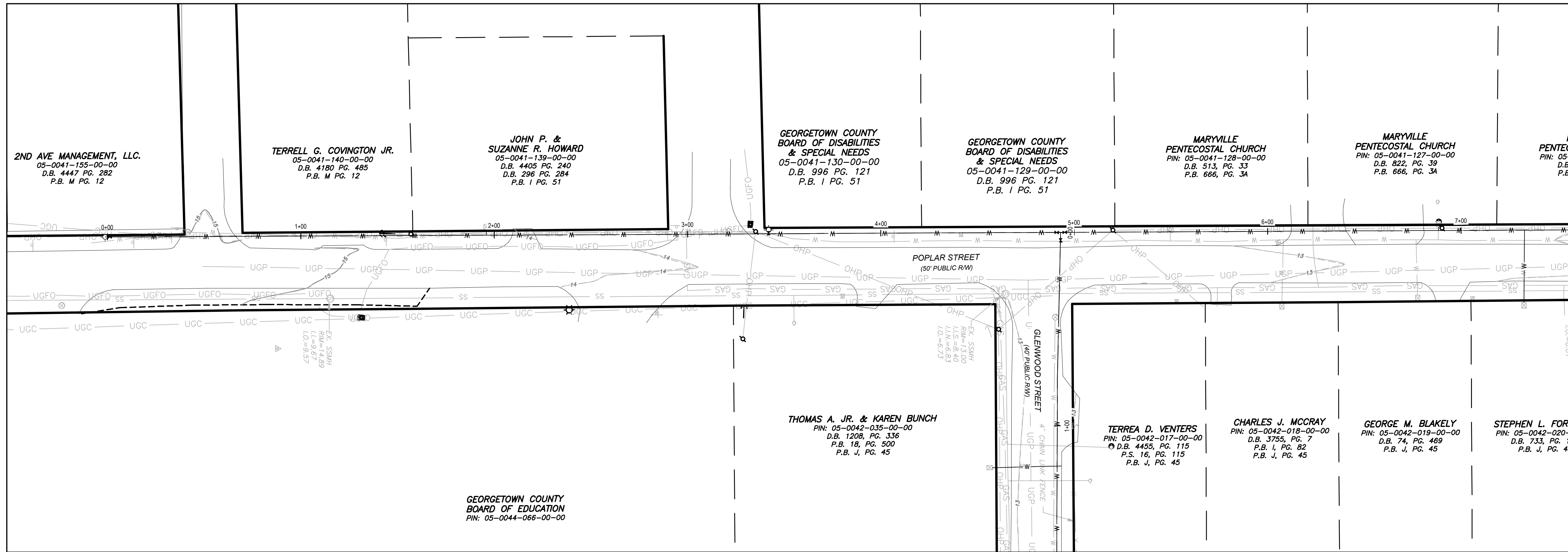
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DESIGNED: TEH
 DRAWN: BMB
 APPROVED: DCG
 PROJ. NO: 23042
 DATE: 08/03/2023

SHEET **C-3.2**

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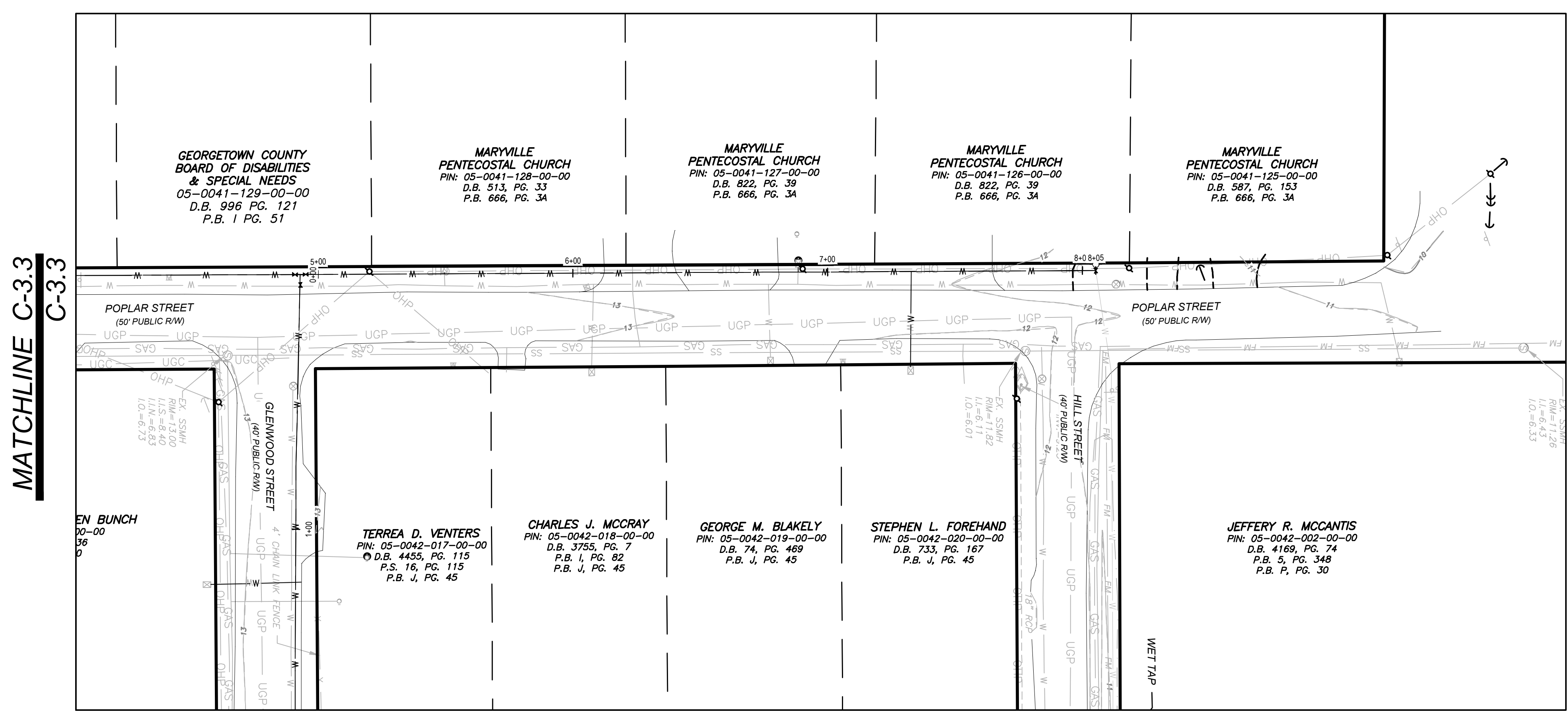
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POPLAR STREET

MATCHLINE C-3.3
C-3.1

MATCHLINE C-6.5
C-6.6

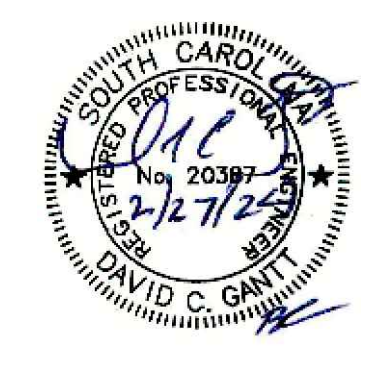
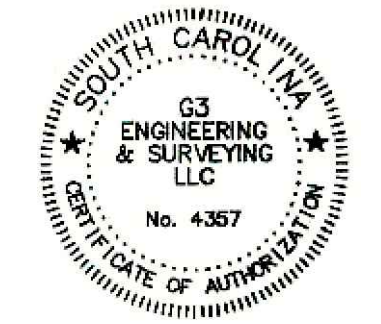


POPLAR STREET

MATCHLINE C-3.3
C-3.1

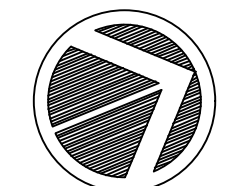
MATCHLINE C-3.3
C-3.1

REV #	DESCRIPTION	DATE
2	DRAWING EXISTING FORCE MAIN	2/26/2024
1	CITY OF GEORGETOWN COMMENTS	12/12/2023



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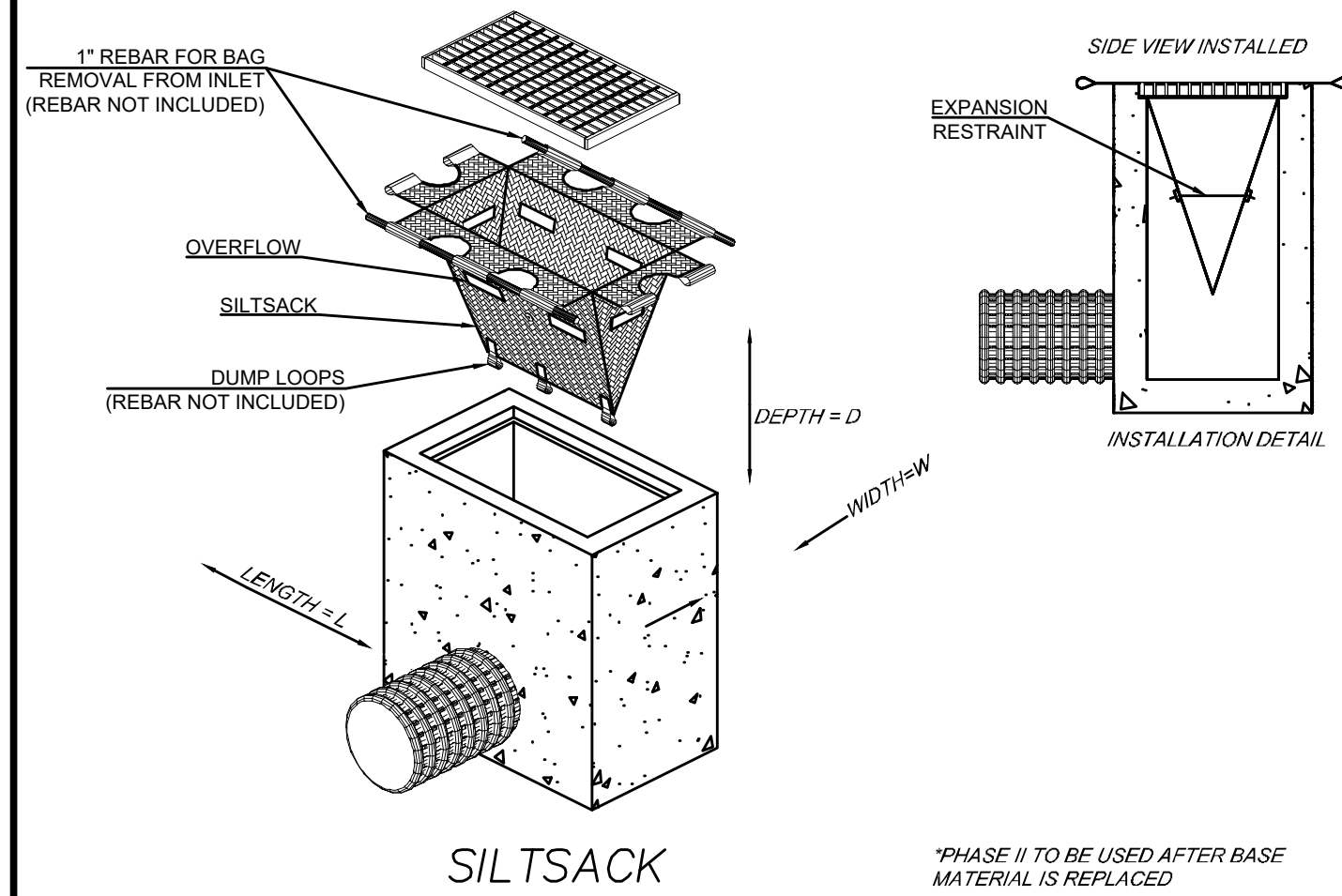
MARYVILLE WATER DISTRIBUTION
 GEORGETOWN COUNTY, SOUTH CAROLINA
 PREPARED FOR
CITY OF GEORGETOWN
SEDIMENT AND EROSION CONTROL PLAN



SCALE: 1" = 30'
0 15 30 60

DESIGNED: TEH
 DRAWN: BMB
 APPROVED: DCG
 PROJ. NO: 23042
 DATE: 08/03/2023

SHEET **C-3.3**



TYPE S - INLET PROTECTION

SCALE: N.T.S.

FILTER FABRIC INLET PROTECTION

MATERIALS:
USE FILTER FABRIC THAT CONFORMS TO SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (LATEST EDITION). REFER TO THE SILT FENCE GEOTEXTILE FABRICS APPROVAL SHEET #34.

USE STEEL POSTS THAT MEET THE FOLLOWING MINIMUM PHYSICAL REQUIREMENTS:
BE COMPOSED OF HIGH STRENGTH STEEL WITH MINIMUM YIELD STRENGTH OF 50,000 PSI.
HAVE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38-INCHES AND NOMINAL "T" LENGTH OF 1.48-INCHES. WEIGHT 1.25 POUNDS PER FOOT (± 8%).
BE PAINTED WITH A WATER BASED BAKED ENAMEL PAINT.

ATTACH FABRIC TO METAL POSTS WITH HEAVY-DUTY PLASTIC TIES.

INSTALLATION:
EXCAVATE A TRENCH 6-INCHES WIDE AND 6-INCHES DEEP AROUND THE OUTSIDE PERIMETER OF THE INLET UNLESS THE FABRIC IS PNEUMATICALLY INSTALLED.

EXTEND THE FILTER FABRIC A MINIMUM OF 12-INCHES INTO THE TRENCH. BACKFILL THE TRENCH WITH SOIL OR CRUSHED STONE AND COMPACT OVER THE FILTER FABRIC UNLESS THE FABRIC IS PNEUMATICALLY INSTALLED.

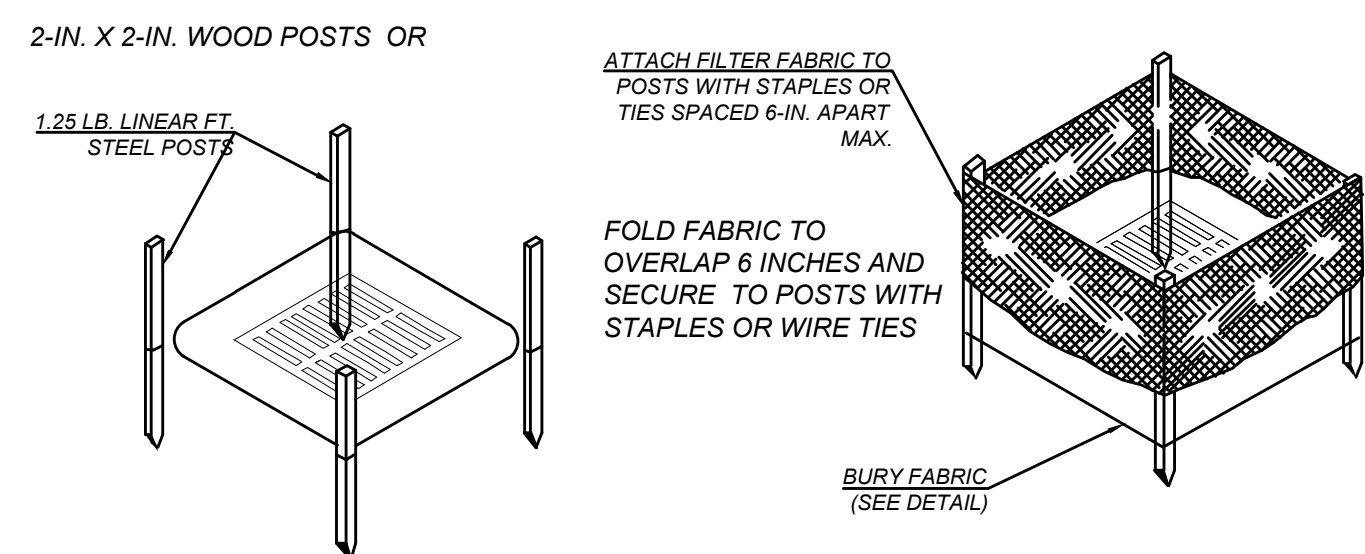
USE STEEL POSTS WITH A MINIMUM POST LENGTH OF 60-INCHES CONSISTING OF STANDARD "T" SECTIONS WITH A WEIGHT OF 1.25 POUNDS PER FOOT (±8%). INSTALL THE FILTER FABRIC TO A MINIMUM HEIGHT OF 24-INCHES ABOVE GRADE. SPACE THE STEEL POSTS AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3-FEET APART AND DRIVE THEM INTO THE GROUND A MINIMUM OF 24-INCHES. CUT THE FILTER FABRIC FROM A CONTINUOUS ROLL TO THE LENGTH OF THE PROTECTED AREA TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, WRAP FILTER FABRIC TOGETHER ONLY AT A SUPPORT POST WITH BOTH ENDS SECURELY FASTENED TO THE POST, WITH A MINIMUM 6-INCH OVERLAP.

ATTACH FABRIC TO STEEL POSTS WITH HEAVY-DUTY PLASTIC TIES.

ATTACH AT LEAST FOUR (4) EVENLY SPACED TIES IN A MANNER TO PREVENT SAGGING OR TEARING OF THE FABRIC. IN ALL CASES, AFFIX TIES IN NO LESS THAN FOUR (4) PLACES.

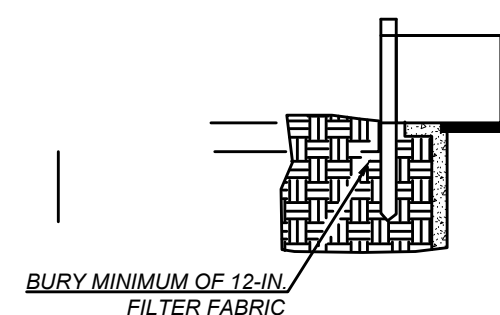
INSPECTION AND MAINTENANCE:
INSPECTIONS SHOULD BE MADE EVERY 7 CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH STORM THAT PRODUCES ½-INCHES OR MORE OF RAIN. IF THE FABRIC BECOMES CLOGGED, IT SHOULD BE REPLACED. SEDIMENT SHOULD BE REMOVED WHEN IT REACHES APPROXIMATELY 1/3 THE HEIGHT OF THE FENCE. TAKE CARE NOT TO DAMAGE OR UNDERCUT FABRIC WHEN REMOVING SEDIMENT. IF A SUMP IS USED, SEDIMENT SHOULD BE REMOVED WHEN IT FILLS APPROXIMATELY 1/3 THE DEPTH OF THE HOLE. MAINTAIN THE POOL AREA, ALWAYS PROVIDING ADEQUATE SEDIMENT STORAGE VOLUME FOR THE NEXT STORM.

STORM DRAIN INLET PROTECTION STRUCTURES SHOULD BE REMOVED ONLY AFTER THE DISTURBED AREAS ARE PERMANENTLY STABILIZED. REMOVE ALL CONSTRUCTION MATERIAL AND SEDIMENT, AND DISPOSE OF THEM PROPERLY. GRADE THE DISTURBED AREA TO THE ELEVATION OF THE DROP INLET STRUCTURE CREST. USE APPROPRIATE PERMANENT STABILIZATION METHODS TO STABILIZE BARE AREAS AROUND THE INLET.



POST INSTALLATION DETAIL

FILTER FABRIC INSTALLATION DETAIL



FILTER FABRIC BURIAL DETAIL

SC-7 TYPE A - FILTER FABRIC INLET PROTECTION
SCALE: N.T.S.

SILT FENCE DETAIL

WHEN AND WHERE TO USE IT
SILT FENCE IS APPLICABLE IN AREAS:

WHERE THE MAXIMUM SHEET OR OVERLAND FLOW PATH LENGTH TO THE FENCE IS 100- FEET.
WHERE THE MAXIMUM SLOPE STEEPNESS (NORMAL [PERPENDICULAR] TO FENCE LINE) IS 2H:1V.
THAT DO NOT RECEIVE CONCENTRATED FLOWS GREATER THAN 0.5 CFS.

DO NOT PLACE SILT FENCE ACROSS CHANNELS OR USE IT AS A VELOCITY CONTROL BMP.

MATERIALS

STEEL POSTS
USE 48-INCH LONG STEEL POSTS THAT MEET THE FOLLOWING MINIMUM PHYSICAL REQUIREMENTS:
COMPOSED OF HIGH STRENGTH STEEL WITH MINIMUM YIELD STRENGTH OF 50,000 PSI.
HAVE A STANDARD "T" SECTION WITH A NOMINAL FACE WIDTH OF 1.38-INCHES AND NOMINAL "T" LENGTH OF 1.48-INCHES.
WEIGH 1.25 POUNDS PER FOOT (± 8%).
HAVE A SOIL STABILIZATION PLATE WITH A MINIMUM CROSS SECTION AREA OF 17-SQUARE INCHES ATTACHED TO THE STEEL POSTS.
PAINTED WITH A WATER BASED BAKED ENAMEL PAINT.

USE STEEL POSTS WITH A MINIMUM LENGTH OF 4- FEET, WEIGHING 1.25 POUNDS PER LINEAR FOOT (± 8%) WITH PROJECTIONS TO AID IN FASTENING THE FABRIC. EXCEPT WHEN HEAVY CLAY SOILS ARE PRESENT ON SITE, STEEL POSTS WILL HAVE A METAL SOIL STABILIZATION PLATE WELDED NEAR THE BOTTOM SUCH THAT WHEN THE POST IS DRIVEN TO THE PROPER DEPTH, THE PLATE WILL BE BELOW THE GROUND LEVEL FOR ADDED STABILITY. THE SOIL PLATES SHOULD HAVE THE FOLLOWING CHARACTERISTICS:
BE COMPOSED OF MINIMUM 15 GAUGE STEEL. HAVE A MINIMUM CROSS SECTION AREA OF 17-SQUARE INCHES.

GEOTEXTILE FILTER FABRIC

FILTER FABRIC IS:
COMPOSED OF FIBERS CONSISTING OF LONG CHAIN SYNTHETIC POLYMERS COMPOSED OF AT LEAST 85% BY WEIGHT OF POLYOLEFINS, POLYESTERS, OR POLYAMIDES. FORMED INTO A NETWORK SUCH THAT THE FILAMENTS OR YARNS RETAIN DIMENSIONAL STABILITY RELATIVE TO EACH OTHER. FREE OF ANY TREATMENT OR COATING WHICH MIGHT ADVERSELY ALTER ITS PHYSICAL PROPERTIES AFTER INSTALLATION. FREE OF DEFECTS OR FLAWS THAT SIGNIFICANTLY AFFECT ITS PHYSICAL AND/OR FILTERING PROPERTIES. CUT TO A MINIMUM WIDTH OF 36 INCHES.

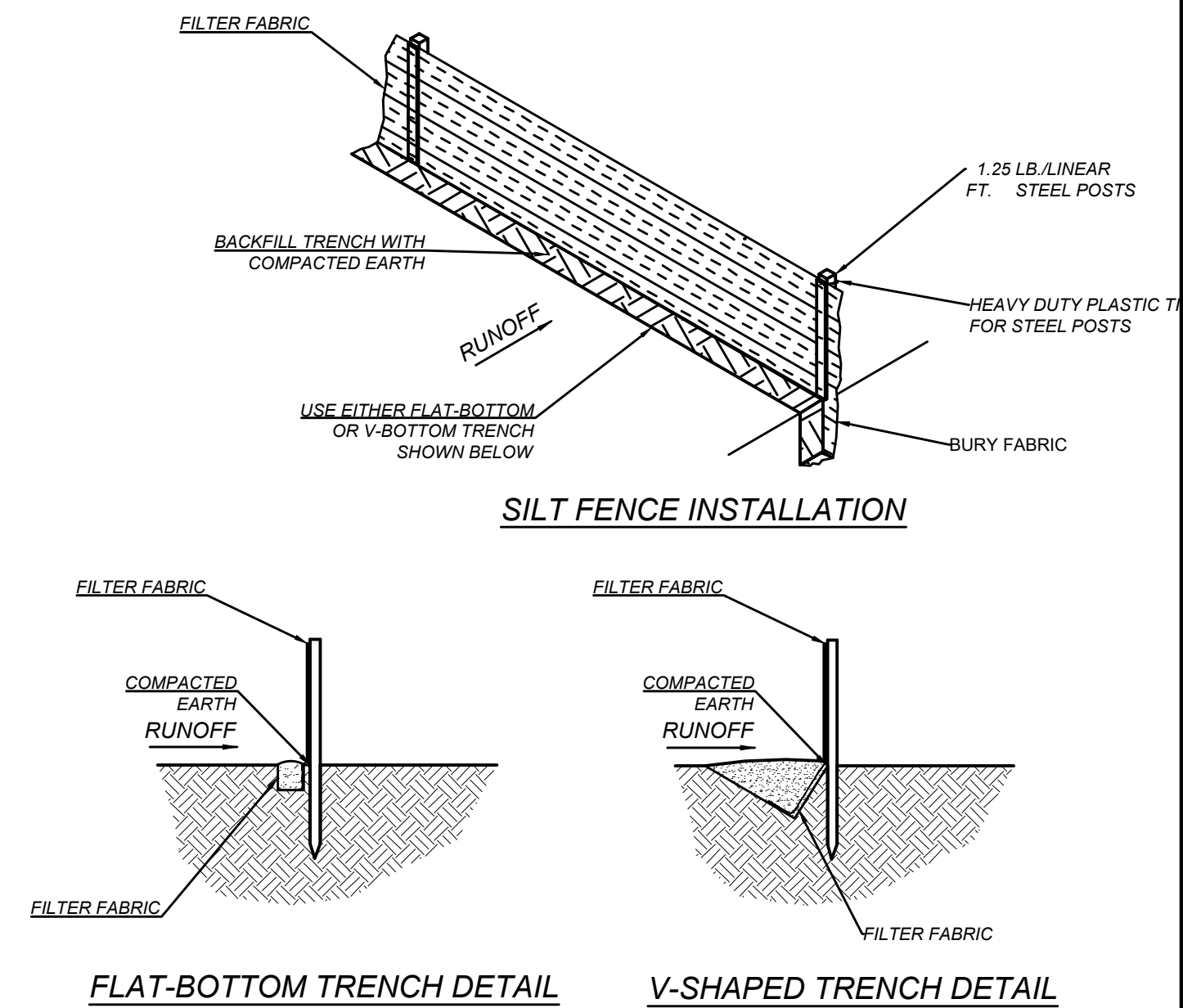
USE ONLY FABRIC APPEARING ON SCDOT APPROVAL SHEET #34 MEETING THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

INSTALLATION

EXCAVATE A TRENCH APPROXIMATELY 6-INCHES WIDE AND 6-INCHES DEEP WHEN PLACING FABRIC BY HAND. PLACE 12-INCHES OF GEOTEXTILE FABRIC INTO THE 6-INCH DEEP TRENCH, EXTENDING THE REMAINING 6-INCHES TOWARDS THE UPSLOPE SIDE OF THE TRENCH. BACKFILL THE TRENCH WITH SOIL OR GRAVEL AND COMPACT. BURY 12-INCHES OF FABRIC INTO THE GROUND WHEN PNEUMATICALLY INSTALLING SILT FENCE WITH A SLICING METHOD. PURCHASE FABRIC IN CONTINUOUS ROLLS AND CUT TO THE LENGTH OF THE BARRIER TO AVOID JOINTS. WHEN JOINTS ARE NECESSARY, WRAPPED THE FABRIC TOGETHER AT A SUPPORT POST WITH BOTH ENDS FASTENED TO THE POST. WITH A 6-INCH MINIMUM OVERLAP. INSTALL POSTS TO A MINIMUM DEPTH OF 24-INCHES. INSTALL POSTS A MINIMUM OF 1- TO 2- INCHES ABOVE THE FABRIC, WITH NO MORE THAN 3- FEET OF THE POST ABOVE THE GROUND. SPACE POSTS TO MAXIMUM 6- FEET CENTERS. ATTACH FABRIC TO WOOD POSTS USING STAPLES MADE OF HEAVY-DUTY WIRE AT LEAST 1½-INCH LONG, SPACED A MAXIMUM OF 6-INCHES APART. STAPLE A 2-INCH WIDE LATHE OVER THE FILTER FABRIC TO SECURELY FASTEN IT TO THE UPSLOPE SIDE OF WOODEN POSTS. ATTACH FABRIC TO THE STEEL POSTS USING HEAVY-DUTY PLASTIC TIES THAT ARE EVENLY SPACED AND PLACED IN A MANNER TO PREVENT SAGGING OR TEARING OF THE FABRIC. IN ALL CASES, TIES SHOULD BE AFFIXED IN NO LESS THAN 4 PLACES. INSTALL THE FABRIC A MINIMUM OF 24-INCHES ABOVE THE GROUND. WHEN NECESSARY, THE HEIGHT OF THE FENCE ABOVE GROUND MAY BE GREATER THAN 24-INCHES. IN TIDAL AREAS, EXTRA SILT FENCE HEIGHT MAY BE REQUIRED. THE POST HEIGHT WILL BE TWICE THE EXPOSED POST HEIGHT. POST SPACING WILL REMAIN THE SAME AND EXTRA HEIGHT FABRIC WILL BE 4-, 5-, OR 6- FEET TALL. LOCATE SILT FENCE CHECKS EVERY 100 FEET MAXIMUM AND AT LOW POINTS. INSTALL THE FENCE PERPENDICULAR TO THE DIRECTION OF FLOW AND PLACE THE FENCE THE PROPER DISTANCE FROM THE TOE OF STEEP SLOPES TO PROVIDE SEDIMENT STORAGE AND ACCESS FOR MAINTENANCE AND CLEANOUT.

INSPECTION AND MAINTENANCE

INSPECT EVERY SEVEN CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES ½-INCHES OR MORE OF PRECIPITATION. CHECK FOR SEDIMENT BUILDUP AND FENCE INTEGRITY. CHECK WHERE RUNOFF HAS ERODED A CHANNEL BENEATH THE FENCE, OR WHERE THE FENCE HAS SAGGED OR COLLAPSED BY FENCE OVERTOPPING. IF THE FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE SECTION OF FENCE IMMEDIATELY. REMOVE SEDIMENT ACCUMULATED ALONG THE FENCE WHEN IT REACHES 1/3 THE HEIGHT OF THE FENCE, ESPECIALLY IF HEAVY RAINS ARE EXPECTED. REMOVE TRAPPED SEDIMENT FROM THE SITE OR STABILIZE IT ON SITE. REMOVE SILT FENCE WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED OR AFTER TEMPORARY BEST MANAGEMENT PRACTICES (BMPs) ARE NO LONGER NEEDED. PERMANENTLY STABILIZE DISTURBED AREAS RESULTING FROM FENCE REMOVAL.



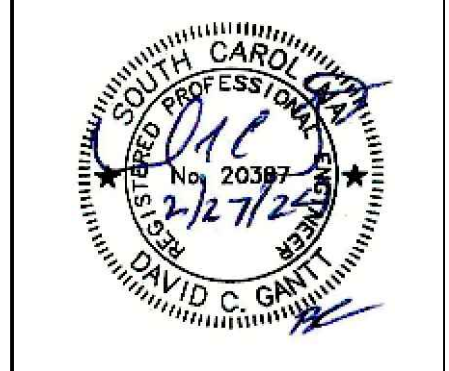
SILT FENCE INSTALLATION

FLAT-BOTTOM TRENCH DETAIL

V-SHAPED TRENCH DETAIL

SC-3 SILT FENCE DETAIL
SCALE: N.T.S.

NO.	DATE	BY	DESCRIPTION
2	2/26/24	RTH	DRAWING EXISTING FORCE MAIN CITY OF GEORGETOWN COMMENTS
1	12/12/23	TEH	

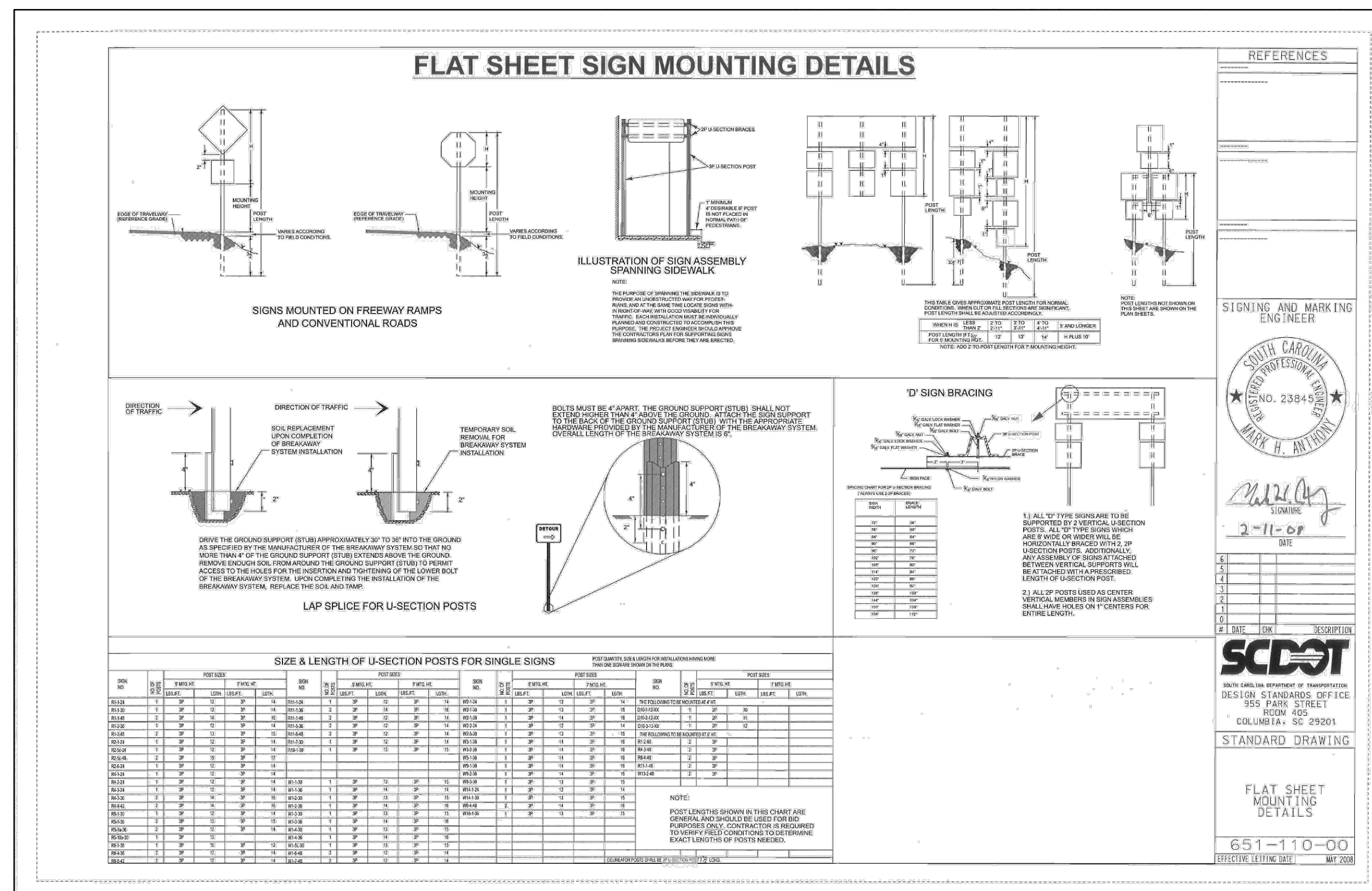
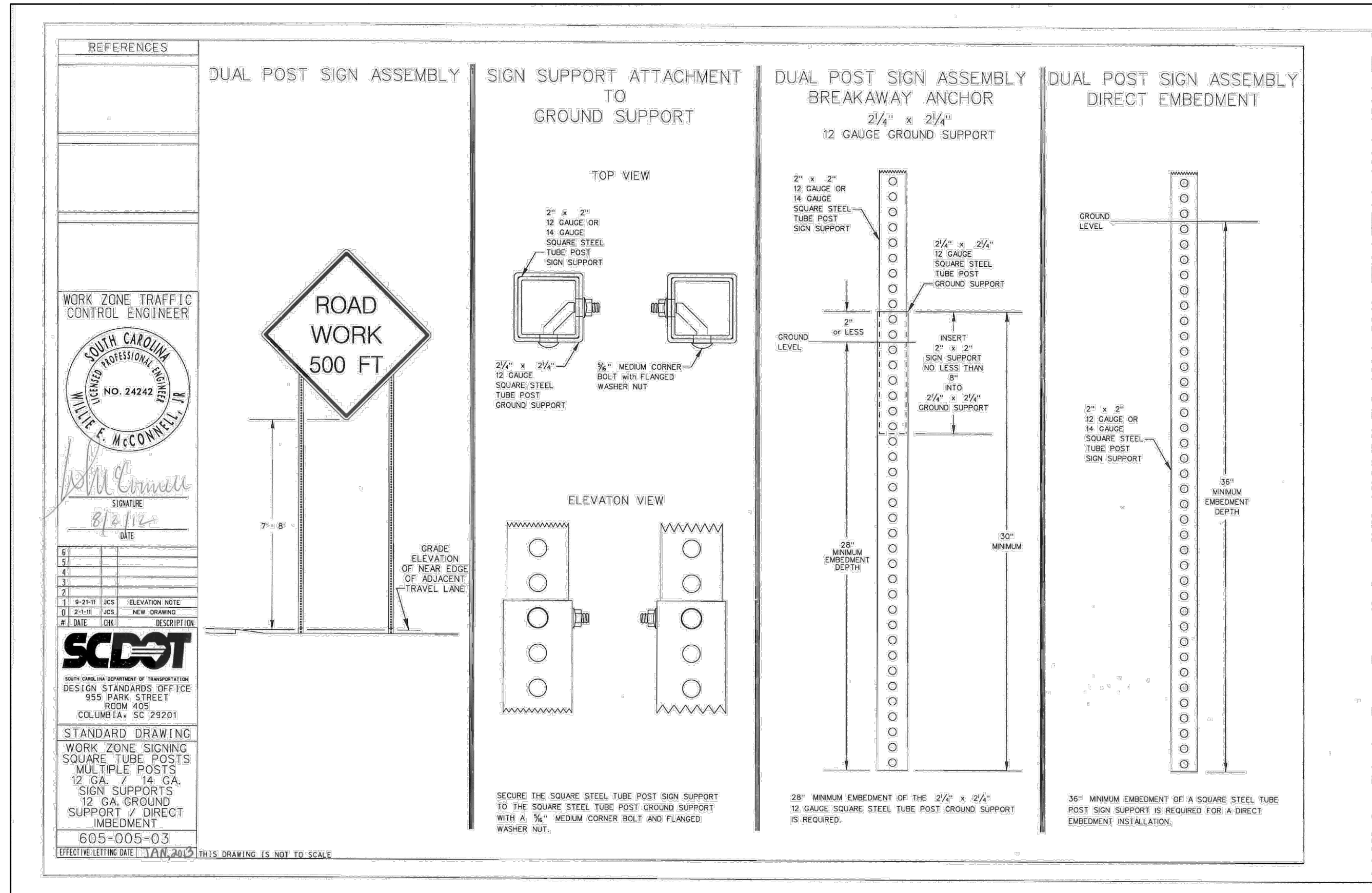


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MARYVILLE WATER DISTRIBUTION
GEORGETOWN COUNTY, GEORGETOWN, SOUTH CAROLINA
PREPARED FOR
CITY OF GEORGETOWN
SEDIMENT & EROSION CONTROL DETAILS



DESIGNED: TEH
DRAWN: BMB
APPROVED: DCG
PROJ. NO: 23042
DATE: 08/03/2023



SCDOT STANDARD NOTES:

1. THERE CAN BE NO WORK PERFORMED IN THE SCDOT R/W BEFORE AN ENCROACHMENT PERMIT HAS BEEN ISSUED AND A PRECONSTRUCTION MEETING HAS BEEN HELD. THE PROPERTY OWNER AND CONTRACTOR MUST SCHEDULE AND ATTEND THE PRECONSTRUCTION MEETING.
2. ANY WORK PERFORMED BEFORE THE PRECONSTRUCTION MEETING WILL HAVE TAKEN PLACE WITHOUT SCDOT KNOWLEDGE, OVERSIGHT, AND CONSENT AND SHALL BE SUBJECT TO REMOVAL BY THE APPLICANT AND/OR AT THE APPLICANT'S EXPENSE.
3. ANY REVISIONS TO THIS APPROVED PLAN SET MUST HAVE PRIOR, WRITTEN APPROVAL FROM SCDOT OR ARE SUBJECT TO REMOVAL AT THE APPLICANT'S EXPENSE.
4. THE CONSTRUCTION ENTRANCE MUST BE ESTABLISHED AT THE LOCATION DESIGNATED IN THIS PLAN SET AND ACCORDING TO SCDOT TYPICAL 815-505-00. NO ADDITIONAL ENTRANCES OR LOCATIONS OTHER THAN SHOWN IN THIS PLAN SET ARE ALLOWED WITHOUT WRITTEN NOTICE FROM SCDOT. APPROVED CONSTRUCTION ENTRANCE SHALL BE INSTALLED PROPERLY AND SHALL BE MAINTAINED AT ALL TIMES. KEEP ROADWAY PROTECTED AND SWEEPED OFF AT ALL TIMES. ANY ADDITIONAL, EXISTING DRIVEWAYS OR CONSTRUCTION ENTRANCES, IF ANY, SHALL BE REMOVED FROM SCDOT RIGHT OF WAY AT NO EXPENSE TO SCDOT.
5. NO DEWATERING ACTIVITIES SHALL BE PERFORMED WITHIN SCDOT R/W OR BRING FORTH WATER TO THE SCDOT RIGHT OF WAY BY DIRECT OR INDIRECT METHODS.
6. POST DEVELOPMENT STORMWATER FLOWS TO THE SCDOT R/W CANNOT EXCEED PREDEVELOPMENT FLOW RATES AT ANY TIME FOR ANY REASON.
7. THE APPLICANT IS SOLELY RESPONSIBLE FOR REPAIRS OF ANY AND ALL DAMAGE TO THE TRAVEL WAY DUE TO ANY WORK ALONG THE FRONTAGE OF THIS SITE, AT NO EXPENSE TO SCDOT AND ALL REPAIRS MUST MEET CURRENT SCDOT STANDARDS.
8. ANY DAMAGE TO THE TRAVEL LANE WILL REQUIRE A FULL DEPTH ASPHALT PATCH AND TOTAL ROADWAY (ALL ADJACENT TRAVEL LANES) ASPHALT OVERLAY. PATCHES LARGER THAN A FEW SQUARE FEET OR EXTENDING PAST 1 FOOT INTO THE TRAVEL LANE SHALL REQUIRE AN OVERLAY OF THE ENTIRE WIDTH OF THE EXISTING TRAVEL WAY FOR 50 FEET BEYOND EACH SIDE OF THE FULL DEPTH PATCH. ALL OF THIS WORK WILL BE SOLELY AT THE EXPENSE OF THE APPLICANT AND MUST MEET CURRENT SCDOT STANDARDS.
9. BEFORE INSTALLATION OF ANY NEW DRIVEWAY, THE EXISTING TRAVEL EDGE MUST BE SAW CUT TO PROVIDE A STRAIGHT AND UNIFORM EDGE ALONG THE MOUTH OF THE PROPOSED DRIVEWAY. CARE MUST BE TAKEN TO NOT TO DAMAGE THE EDGE ONCE CUT. ANY DAMAGE TO THE TRAVEL LANE MUST BE REPAIRED AT THE APPLICANT'S EXPENSE.
10. PAVEMENT SECTION IN THE SCDOT R/W SHALL BE, AT A MINIMUM:
 - a. 6 INCHES OF COMPACTED GABC
 - b. 4 INCHES OF COMPACTED TYPE B BINDER COURSE HOT MIX ASPHALT
 - c. 2 INCHES OF COMPACTED TYPE B SURFACE COURSE HOT MIX ASPHALT

SEE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION FOR SURFACE COURSE HOT MIX ASPHALT INSTALLATION TIME AND TEMPERATURE RESTRICTIONS AND THERMO PLASTIC TIME AND TEMPERATURE RESTRICTIONS.

OR

 - d. 8 INCHES OF COMPACTED GABC
 - e. 4 INCHES OF 4,000 PSI CONCRETE

NO REINFORCEMENT WIRE, REBAR, OR METAL OF ANY KIND IS PERMITTED

11. DRIVEWAY LANES SHALL BE A MINIMUM OF 12 FEET IN WIDTH MEASURED FROM EDGE TO EDGE OF ASPHALT.
12. DRIVEWAY RADIUS SHALL BE 30 FEET. (UNLESS NOTED OTHERWISE ON THE SCDOT APPROVED PLANS.)
13. PAVEMENT MARKINGS SHALL BE THERMOPLASTIC WITH REFLECTIVE BEADS PER SECTION 627 OF THE SCDOT STANDARD SPECIFICATIONS:
 - a. ALL WHITE MARKINGS SHALL BE 125 MIL MINIMUM THICKNESS
 - b. ALL YELLOW MARKINGS SHALL BE 90 MIL MINIMUM THICKNESS
14. ALL PERMANENT SIGNAGE SHALL BE INSTALLED ON BREAKAWAY POSTS PER SCDOT STANDARD DRAWING 651-110-00 AND SHALL HAVE A 7 VERTICAL FOOT CLEARANCE FROM THE GROUND TO THE BOTTOM OF THE SIGN.
15. DRIVEWAYS SHALL BE CONSTRUCTED TO HAVE A MINIMUM OF A 2 FOOT GRASSED SHOULDER ON EACH SIDE OF THE DRIVEWAY THROAT.
16. DITCH SLOPES SHALL BE NO STEEPER THAN 3H:1V.
17. ALL DRIVEWAY CULVERTS SHALL BE INSTALLED AND SEALED ACCORDING TO SCDOT TYPICAL 714-205-01 DETAIL 4 AND 5 WITH AN AASHTO M 315 RUBBER GASKET SEAL, ON PROPER GRADE TO ALLOW FOR POSITIVE STORM WATER FLOW WITHIN THE PIPE AND TO/FROM ADJACENT PIPES/CROSS LINES.

18. ALL CULVERTS INSIDE OF THE SCDOT R/W ARE TO BE INSTALLED WITH BEVELED ENDS PER SCDOT STANDARD DRAWING 719-610-00 AND SEALED PER SCDOT STANDARD DRAWING 714-205-01 AND CANNOT BE COVERED UNTIL AFTER AN INSPECTION BY THE SCDOT INSPECTOR ASSIGNED TO THE PROJECT AT THE REQUIRED SCDOT PRECONSTRUCTION MEETING.
19. LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY. SEE SCDOT LOCAL MAINTENANCE WORK RESTRICTIONS FOR ADDITIONAL INFORMATION.
20. SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK IN THE SCDOT R/W BEYOND ONE FOOT FROM THE TRAVEL WAY.
21. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SCHEDULE ALL REQUIRED INSPECTIONS IN ADVANCE. IF WORK REQUIRING INSPECTION IS PERFORMED WITHOUT PRIOR NOTICE BEING GIVEN TO SCDOT, THAT INSTALLATION SHALL BE SUBJECT TO REMOVAL AT THE APPLICANT'S EXPENSE. SEVERAL MEANS OF CONTACT WILL BE GIVEN AT THE PRECONSTRUCTION MEETING. FAILURE TO OBTAIN CONTACT IS NOT AN APPROVAL TO PROCEED WITH ANY WORK.
22. NO VEGETATION INSTALLED ON PRIVATE PROPERTY SHALL BLOCK THE SCDOT SIGHT TRIANGLES OR SIGHT DISTANCES FOR MOTORISTS INGRESS OR EGRESSING FROM APPROVED DRIVEWAYS AND/OR ROADWAY INTERSECTIONS. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR KEEPING OFFSITE LANDSCAPINGS PROPERLY MAINTAINED TO IMPROVE ALL SIGHT DISTANCES. THE PROPERTY OWNER SHALL ALSO BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGES TO SIDEWALK, DRIVEWAY OR ROADWAY, UTILITY, DRAINAGE OR OTHER STRUCTURES DAMAGED DUE TO THE INSTALLATION OR EXISTENCE OF OFFSITE LANDSCAPING.
23. THE DEPARTMENT SHALL NOT BE RESPONSIBLE FOR DAMAGE TO ANY UTILITY STRUCTURES LOCATED WITHIN THE RIGHT-OF-WAY AS A RESULT OF ROUTINE HIGHWAY MAINTENANCE OPERATIONS. THESE STRUCTURES INCLUDE BUT ARE NOT LIMITED TO ARV, METERS, VALVES, MANHOLES, ALL TYPE OF PEDESTALS AND UTILITY LINES (OVERHEAD AND/OR UNDERGROUND). THE APPLICANT SHOULD USE MECHANICAL MOWERS TO CUT AROUND THESE TYPE STRUCTURES TO INCREASE VISIBILITY FOR HIGHWAY MAINTENANCE WORKERS.
24. APPLICANT IS RESPONSIBLE FOR THE INSTALLATION AND SECURING OF ANY VALVE OR MANHOLE RISERS AS NEEDED.
25. THE DEPARTMENT SHALL BE HELD HARMLESS FROM AND AGAINST ANY AND ALL CLAIMS, DAMAGES AND LOSSES ASSOCIATED WITH WORK AS APPROVED UNDER THIS PERMIT APPLICATION. ANY SUCH DAMAGE CLAIMS RECEIVED BY THE DEPARTMENT SHALL BE THE RESPONSIBILITY OF THE APPLICANT TO PROCESS ACCORDINGLY. THE HOLD HARMLESS AGREEMENT SHALL BE FOR THE LIFE OF THE FACILITY, STRUCTURE(S) OR ENCROACHMENT AS IT REMAINS WITHIN PUBLIC RIGHT-OF-WAY.
26. APPLICANT IS RESPONSIBLE FOR THE REPAIR OF ANY TRAFFIC SIGNAL LOOPS/WIRES/HEAD/CABINETS IF DAMAGED DUE TO THIS INSTALLATION. ALL WORK SHALL BE APPROVED UNDER THE DIRECTION OF THE SCDOT DISTRICT SIGNAL SHOP AND PERFORMED BY A SCDOT APPROVED SIGNAL CONTRACTOR, AT NO EXPENSE TO THE DEPARTMENT.
27. IF REQUIRED UNDER THE APPROVED SCDOT ENCROACHMENT PERMIT, A THIRD PARTY TESTER SHALL BE REQUIRED AT THE APPLICANT'S EXPENSE TO PERFORM COMPACTION ANALYSIS AND WITNESS A PASSING PROOF ROLL ON ALL SUB-GRADE, BASE, AND ASPHALT. ONE THIRD PARTY INSPECTOR SHALL TAKE DENSITY READINGS AT RANDOM STATION NUMBERS. A SECOND (2ND) THIRD PARTY INSPECTOR/TESTER SHALL BE AT THE ASPHALT PLANT TESTING THE ASPHALT AT THE TIME THAT SURFACE ASPHALT IS BEING PRODUCED AND PUT DOWN ON THE JOB. ONE CORE SAMPLE (LOCATIONS TO BE DETERMINED) SHALL BE TAKEN AND WEIGHED BY THE THIRD PARTY INSPECTOR. ALL RESULTS TO BE SUBMITTED IN WRITING TO SCDOT FOR REVIEW THE FOLLOWING DAY. WINTER WORK RESTRICTIONS AND HOLIDAY WORK RESTRICTIONS MUST BE ADHERED TO. SEE PERMIT FOR MORE DETAILS.
28. AN INSPECTION DATE SHALL BE SET UP IN ADVANCE FOR WHICH THE INSPECTOR WILL COME OUT AND INSPECT THE SIDEWALK FORMS BEFORE POURING CONCRETE. DO NOT LEAVE MORE THAN A 2" DROP OFF UNATTENDED. NO MORE THAN A 2" DROP OFF OR A 3:1 DITCH SLOPE IS PERMITTED ANYWHERE WITHIN THE RIGHT OF WAY DUE TO THE CONSTRUCTION ASSOCIATED WITH THIS SIDEWALK. THE INSTALLATION OF SIDEWALK SHALL BE FLUSH WITH SHOULDER OR HAVE A DRAINAGE INLET BUILT UNDERNEATH TO ALLOW FOR PROPER STORM WATER FLOW. NO WATER SHALL POND IN SHOULDER, ROADWAY, DRIVEWAYS, OR RIGHT OF WAY DUE TO THIS INSTALLATION.
29. ADA MATS (RAISED DETECTABLE WARNING PADS) SHALL BE INSTALLED AS WET INSETS AND AT ROADWAY INTERSECTIONS ONLY.
30. NO VALVES OR OTHER APPURTENANCES IN ROADWAY ASPHALT, WITHIN 5 FEET OF EDGE OF PAVEMENT, OR WITHIN DITCH LINE OR SWALE LINE. APPLICANT SHALL INSTALL 8-16 FEET OF NEW, UNMATERIALIZED RCP ON PROPER GRADE, FACING THE PROPER DIRECTION, MATCHING THE DIAMETER OF DRIVEWAY AND/OR CROSS LINE UPSTREAM, BUT NOT EXCEEDING THE PIPE DIAMETER DOWNSTREAM. IF THE ABOVE CANNOT BE AVOIDED, INSTALL RIP RAP AROUND ANY EXPOSED PIPES, COVER AND SOD TO MEET SCDOT MINIMUM STANDARDS. CALL SCDOT ENCROACHMENT OFFICE FOR INSPECTION OF PIPE BEFORE COVERING.
31. PROPOSED UTILITY INSTALLATION LOCATED IN SHOULDER AREA SHALL HAVE A MINIMUM COVER OF 42" ACCORDING TO FIGURE 6 OF APPENDIX B. ANY EXPOSED ROOTS TO BE REMOVED OR TRIMMED FLUSH WITH SHOULDER/DITCH.

DATE	12/12/2023
BY	TEH
REV #	1
DESCRIPTION	CITY OF GEORGETOWN COMMENTS
REV #	2
DESCRIPTION	DRAWING EXISTING FORCE MAIN
REV #	1
DESCRIPTION	CITY OF GEORGETOWN COMMENTS

DESIGNED: TEH
DRAWN: BMB
APPROVED: DCG
PROJ. NO: 23042
DATE: 08/03/2023

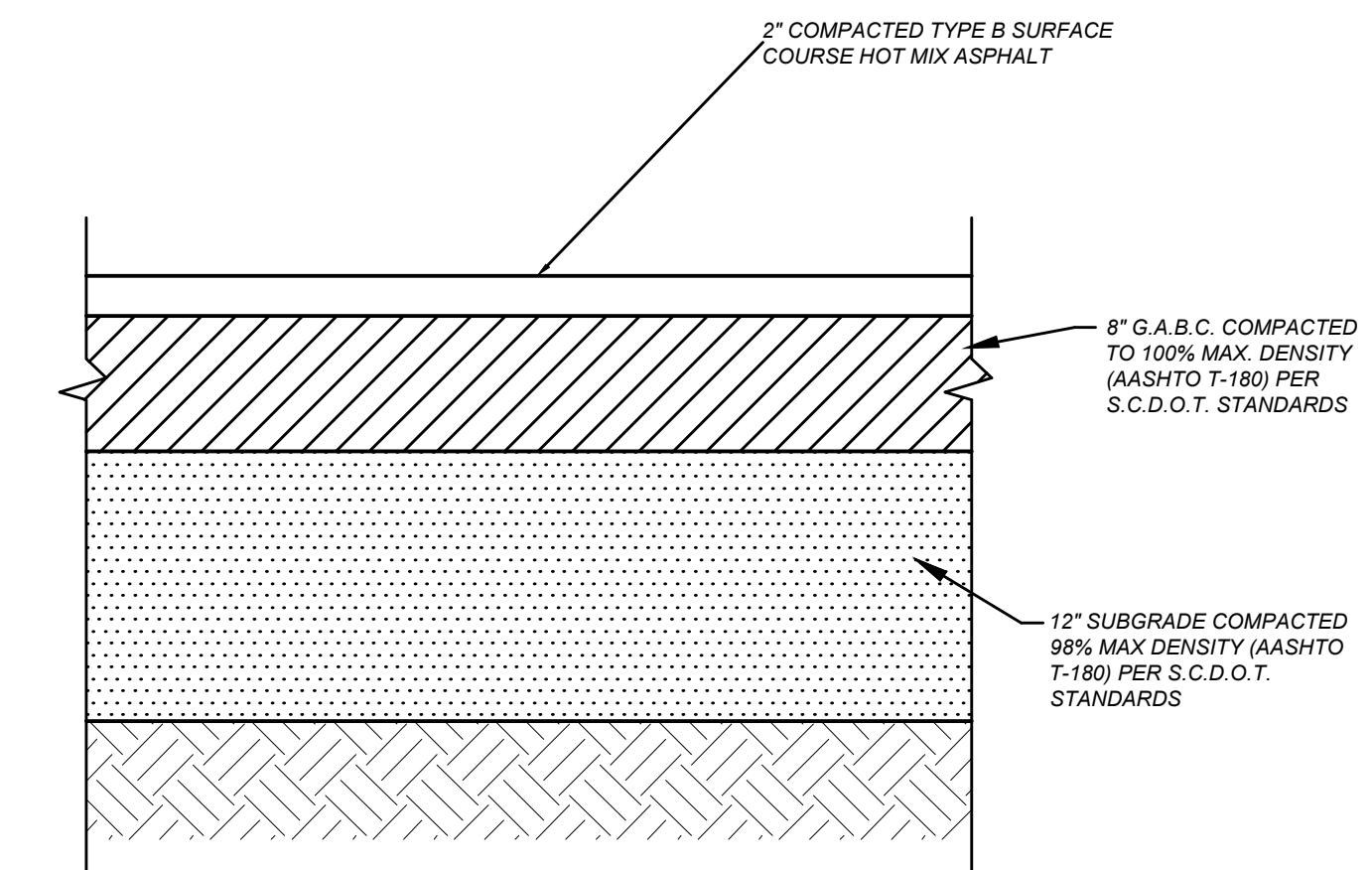
SCALE: NONE
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PREPARED FOR
CITY OF GEORGETOWN
SCDOT DETAILS

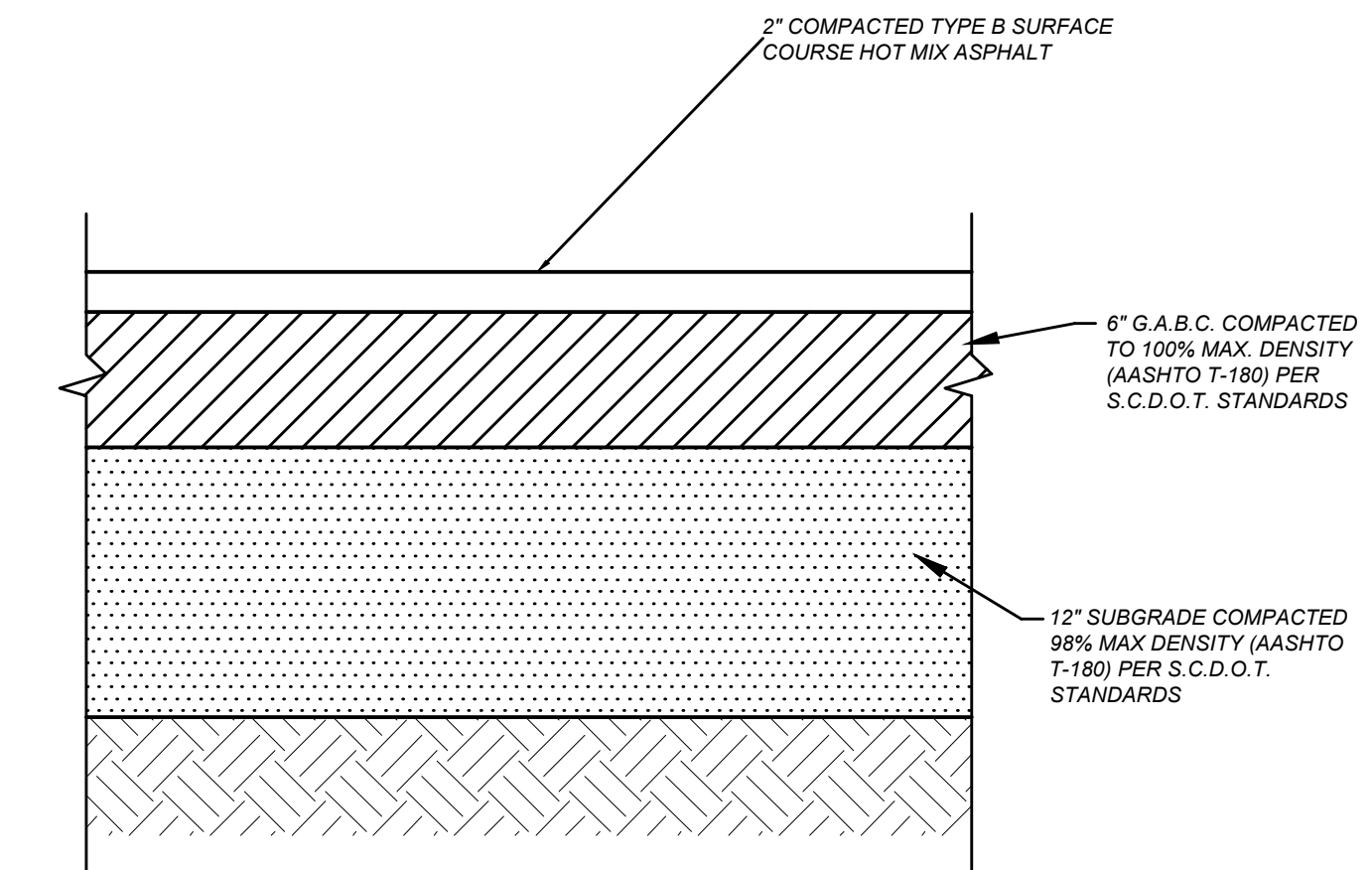
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SCDOT STANDARD NOTES
SCALE: N.T.S.

C-4.2
SHEET



SCDOT RIGHT OF WAY PAVEMENT SECTION
SCALE: N.T.S.



DRIVEWAY PAVEMENT SECTION
SCALE: N.T.S.

WORK ZONE TRAFFIC CONTROL ENGINEER
SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER
No. 24248
W. L. McCORMICK

GENERAL NOTES

1. ALL SIGN LOCATIONS ARE TO BE MEASURED FROM THE WORK AREA WORK LIMITS FOR THE PROJECT AND BE DETERMINED BY THE ENGINEER AND AS INDICATED IN THE CONTRACT.
2. ALL ADVANCE WARNING SIGNS MOUNTED ON PORTABLE SIGNS SHOULD BE LESS THAN 4 FEET FROM THE NEAR EDGE OF THE ROAD TO THE NEAR EDGE OF AN ADJACENT TRAVEL LANE OR SHOULDER, WITH LANE SHOULDER AND SHOULDERS FROM 1 FEET TO 1.5 FEET FROM THE NEAR EDGE OF THE ROAD TO THE NEAR EDGE OF AN ADJACENT TRAVEL LANE. THE SIGN SHOULD BE LESS THAN 4 FEET FROM THE NEAR EDGE OF THE ROAD TO THE NEAR EDGE OF AN ADJACENT TRAVEL LANE.
3. SPACINGS INDICATED ARE FOR NORMAL CONDITIONS. ADJUSTMENTS MAY BE REQUIRED DUE TO HORIZONTAL, VERTICAL, ALIGNMENT OR OTHER SIGN DISTANCE RESTRICTIONS.
4. ALL SIGNS MOUNTED ON PORTABLE SIGNS SHOULD BE PLACED FROM A MINIMUM VERTICAL HEIGHT OF 5 FEET FROM THE TOP OF THE SIGN TO THE BOTTOM OF THE SIGN. ALL SIGNS MOUNTED ON PORTABLE SIGNS SHOULD BE PLACED FROM A MINIMUM VERTICAL HEIGHT OF 5 FEET FROM THE TOP OF THE SIGN TO THE BOTTOM OF THE SIGN. ALL SIGNS MOUNTED ON PORTABLE SIGNS SHOULD BE PLACED FROM A MINIMUM VERTICAL HEIGHT OF 5 FEET FROM THE TOP OF THE SIGN TO THE BOTTOM OF THE SIGN.
5. REFLECTORIZED ADVANCE WARNING SIGNS MAY BE USED INSTEAD OF A 36" DIAMETER ADVANCE WARNING SIGN WITH A FLUORESCENT ORANGE COLORED PNEUMATIC RETROREFLECTIVE SHEETING. IN SUCH CASES, THE ADVANCE WARNING SIGN SHOULD BE PLACED FROM A MINIMUM VERTICAL HEIGHT OF 5 FEET FROM THE TOP OF THE SIGN TO THE BOTTOM OF THE SIGN.
6. ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH ALL NORTH CAROLINA DEPARTMENT OF TRANSPORTATION AND SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARDS. TRAFFIC CONTROL DEVICES SHALL COMPLY WITH ALL NORTH CAROLINA DEPARTMENT OF TRANSPORTATION AND SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARDS.
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8. LANE CLOSURES ARE RESTRICTED TO A MAXIMUM DISTANCE OF 2 MILES UNLESS OTHERWISE DIRECTED BY THE SPECIAL PROVISIONS. THE PLANS SHOW THE LOCATION OF TRAFFIC CONTROL DEVICES.
9. DURING NIGHTTIME FLAGGING OPERATIONS, FLAGGERS SHALL WEAR SAFETY VESTS THAT MEET THE REQUIREMENTS OF AASHTO M 311. FLAGGERS SHALL WEAR SAFETY VESTS THAT MEET THE REQUIREMENTS OF AASHTO M 311.
10. DURING NIGHTTIME FLAGGING OPERATIONS, FLAGGERS SHALL WEAR SAFETY VESTS THAT MEET THE REQUIREMENTS OF AASHTO M 311. FLAGGERS SHALL WEAR SAFETY VESTS THAT MEET THE REQUIREMENTS OF AASHTO M 311.
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15. IF WORK IS BEING CONDUCTED AT TWO DIFFERENT LOCATIONS AT THE SAME TIME, THE TWO LOCATIONS ARE TO BE SEPARATED BY AT LEAST ONE (1) MILE FROM THE END OF THE FIRST LANE CLOSURE TO THE BEGINNING OF THE TAPER OF THE SECOND LANE CLOSURE.
16. THE CONTRACTOR RECEIVES THE RIGHT TO RESTRICT WORK OPERATIONS UNDER ANY OF THE FOLLOWING CIRCUMSTANCES:
 - a. IF THE TRAFFIC CONTROL IS NOT PROPERLY INSTALLED OR MAINTAINED.
 - b. IF THE TRAFFIC CONTROL IS NOT MAINTAINED AS SPECIFIED IN THE SPECIAL PROVISIONS.
 - c. IF THE TRAFFIC CONTROL IS NOT MAINTAINED AS SPECIFIED IN THE SPECIAL PROVISIONS.
 - d. IF THE TRAFFIC CONTROL IS NOT MAINTAINED AS SPECIFIED IN THE SPECIAL PROVISIONS.

ADVANCE WARNING ARROW PANEL

DURING FLAGGING OPERATIONS, ALL ADVANCE WARNING ARROW PANELS SHALL OPERATE IN THE "FOR AHEAD" POSITION. THE "FOR AHEAD" POSITION SHALL BE USED FOR ALL ADVANCE WARNING ARROW PANELS. THE "FOR AHEAD" POSITION SHALL BE USED FOR ALL ADVANCE WARNING ARROW PANELS.

TRUCK MOUNTED ATTENUATOR

A TRUCK MOUNTED ATTENUATOR (TMA) SHALL BE USED TO PROTECT THE REAR OF A TRUCK FROM IMPACT. THE TMA SHALL BE USED TO PROTECT THE REAR OF A TRUCK FROM IMPACT. THE TMA SHALL BE USED TO PROTECT THE REAR OF A TRUCK FROM IMPACT.

PORTABLE TRUCK MOUNTED ATTENUATOR

A PORTABLE TRUCK MOUNTED ATTENUATOR (PTMA) SHALL BE USED TO PROTECT THE REAR OF A TRUCK FROM IMPACT. THE PTMA SHALL BE USED TO PROTECT THE REAR OF A TRUCK FROM IMPACT. THE PTMA SHALL BE USED TO PROTECT THE REAR OF A TRUCK FROM IMPACT.

TRAFFIC CONTROL DEVICES NOTE

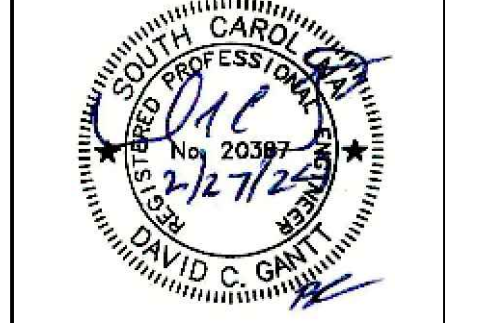
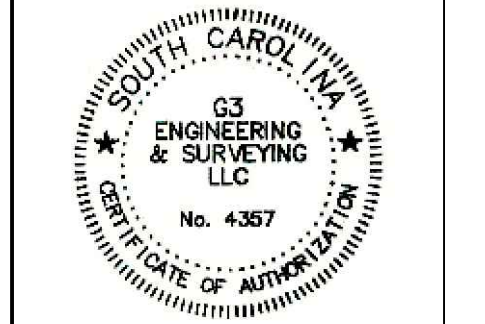
THE CONTRACTOR SHALL MAINTAIN THE LANE CLOSURE AREA AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE LANE CLOSURE AREA AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN THE LANE CLOSURE AREA AT ALL TIMES.

SIGN PLACEMENT INTERVALS

ROAD TYPE	1	2	3
• 45 MPH (LOW SPEED)	300	300	200
• 55 MPH (INTERMEDIATE SPEED)	350	350	300
• 65 MPH (HIGH SPEED)	500	500	500

* REGULATORY POSTED SPEED LIMIT PRIOR TO ROADWORK

NO.	DATE	BY	DESCRIPTION
1	02/12/2023	TEH	DRAWING EXISTING FORCE MAIN
2	2/28/2024	TEH	CITY OF GEORGETOWN COMMENTS



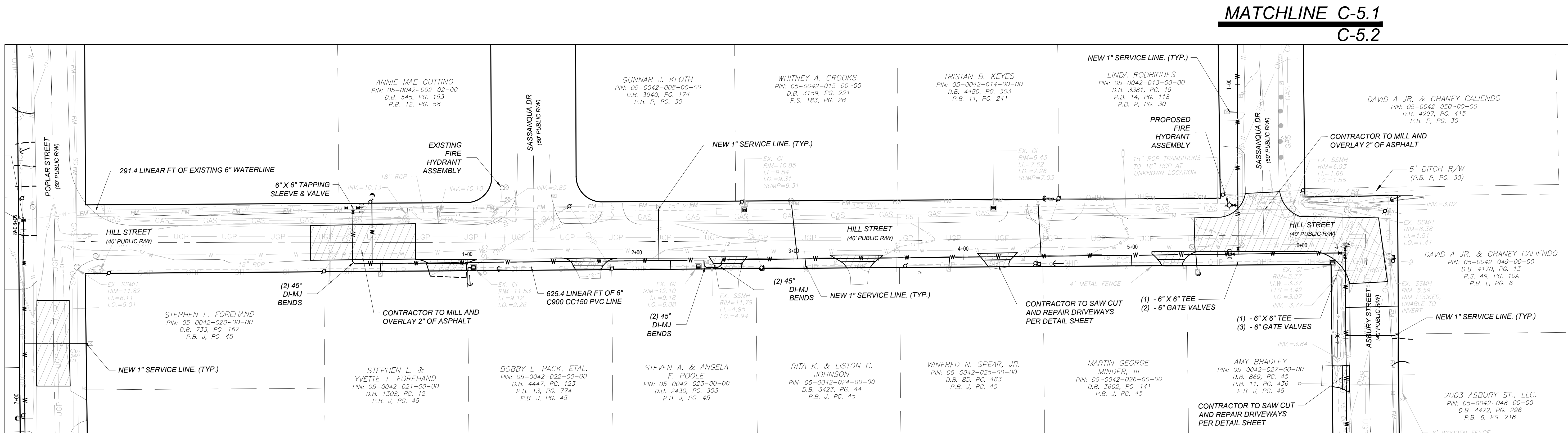
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GEORGETOWN COUNTY, SOUTH CAROLINA
PREPARED FOR
CITY OF GEORGETOWN
SCDOT DETAILS

SCALE: NONE
DESIGNED: TEH
DRAWN: BMB
APPROVED: DCG
PROJ. NO. 23042
DATE: 08/03/2023

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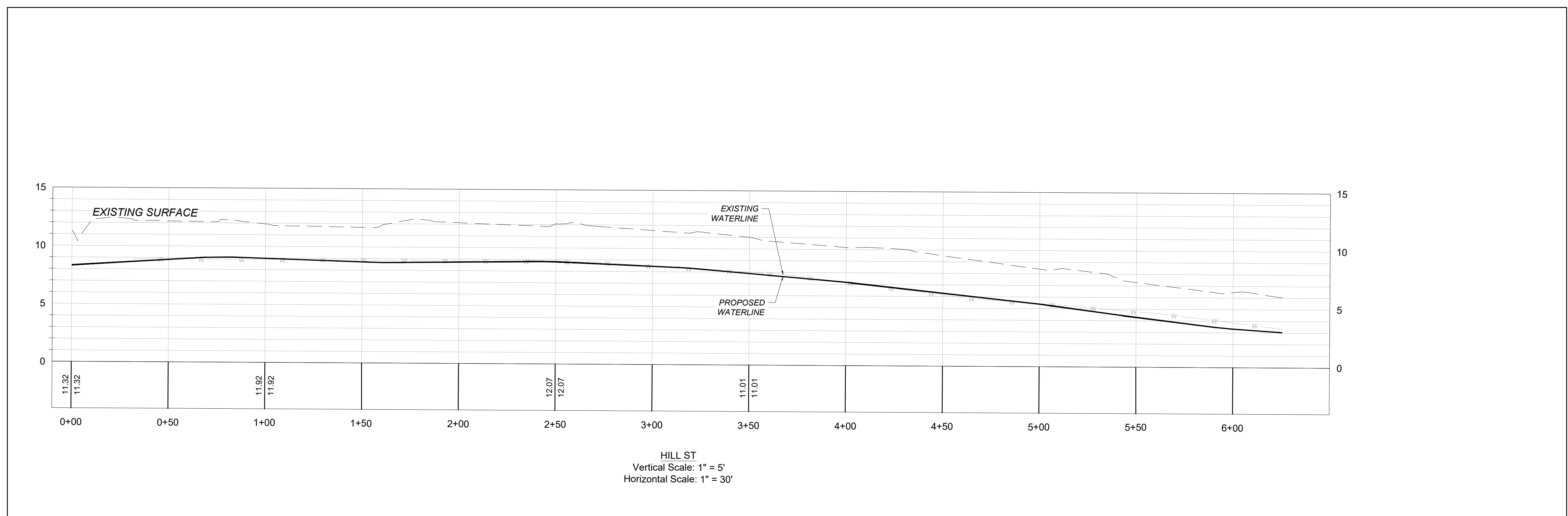
MATCHLINE C-5.1
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MATCHLINE C-5.1
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MATCHLINE C-5.1
C-5.3

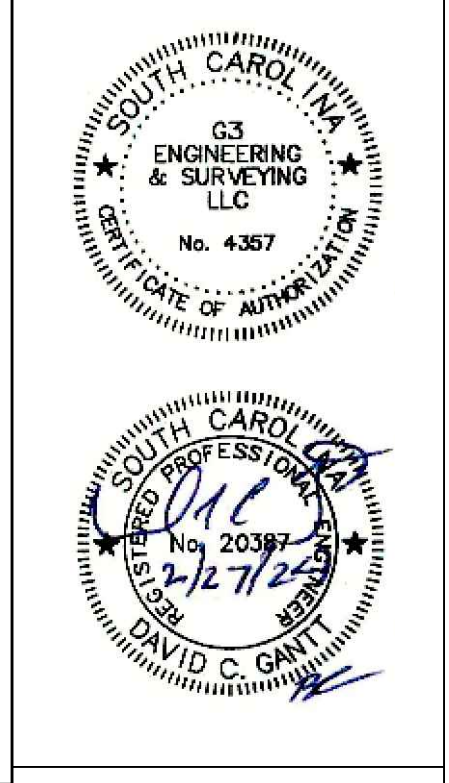
HILL STREET



WATER MAIN NOTES:

1. CONTRACTOR IS RESPONSIBLE TO FURNISH AND INSTALL THE NEW 6-IN. PVC MAIN AND SERVICE TAPS.
2. OLD WATER MAIN AND SERVICES TO BE ABANDONED IN PLACE.
3. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH CITY STAFF FOR CHANGE OVER.
4. CONTRACTOR IS RESPONSIBLE FOR ALL SOIL BACKFILL COMPACTION TESTING, WATER LINE PRESSURE TESTING, BAC-T TESTING AND REPORTING.
5. CITY STAFF WILL MONITOR INSTALLATION AND WITNESS TESTING.
6. CONTRACTOR IS RESPONSIBLE TO PROVIDE AS-BUILT DRAWINGS CERTIFIED BY A PROFESSIONAL LAND SURVEYOR (PLS).
7. THE CONTRACTOR SHALL FOLLOW THE CITY'S CLOSEOUT PROCEDURES.
8. CONTRACTOR IS RESPONSIBLE FOR HIRING SURVEYOR TO STAKE ALL PROPERTY CORNERS TO AVOID ENTERING PRIVATE PROPERTY.
9. CONTRACTOR IS RESPONSIBLE TO DISCONNECT AND RECONNECT ALL WATER SERVICES.

REV#	DESCRIPTION	DATE
2	DRAWING EXISTING FORCE MAIN	2/26/2024
1	CITY OF GEORGETOWN COMMENTS	12/12/2023



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WATERLINE PLAN/PROFILE

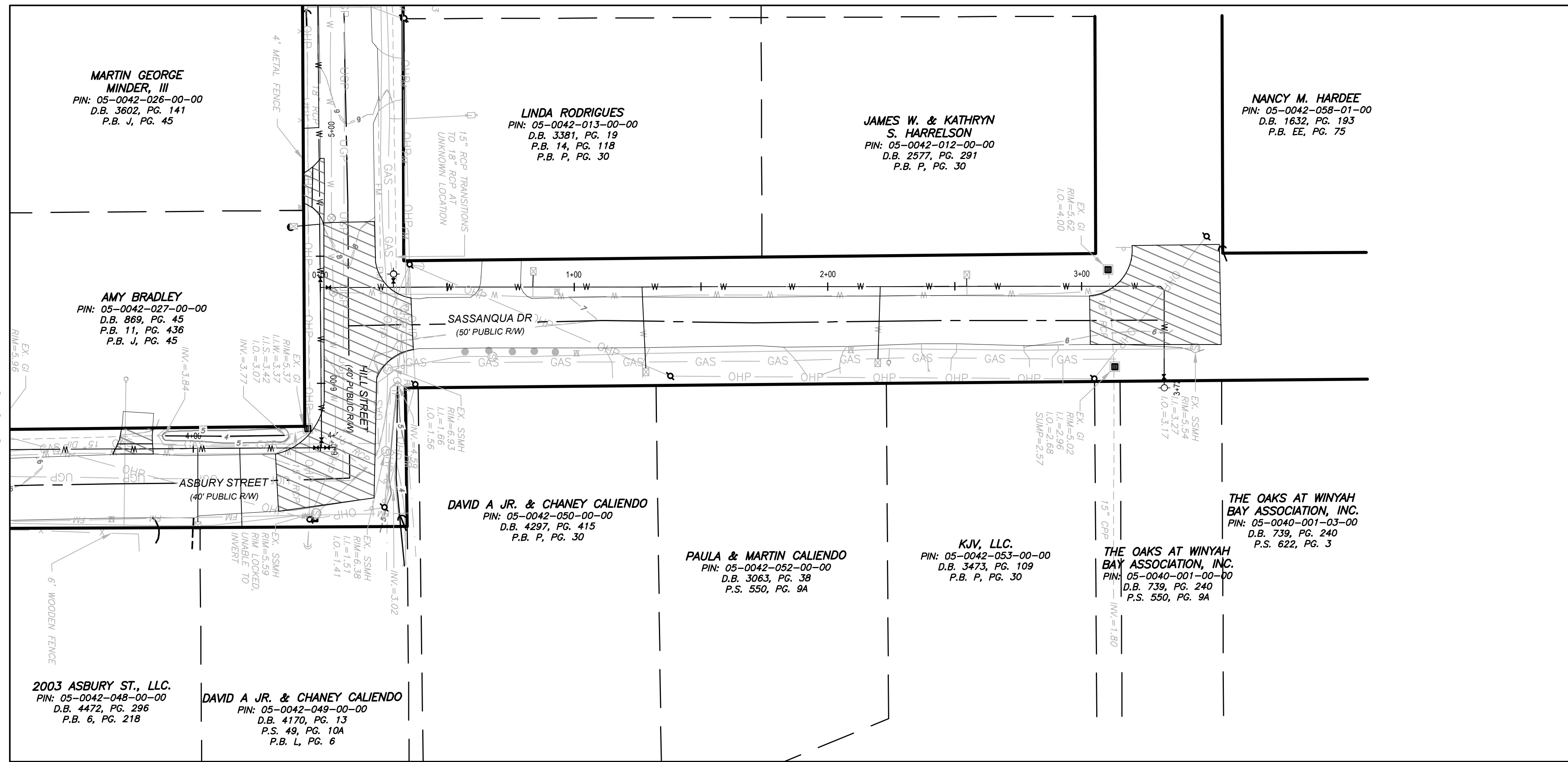
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DESIGNED: TEH
DRAWN: BMB
APPROVED: DCG
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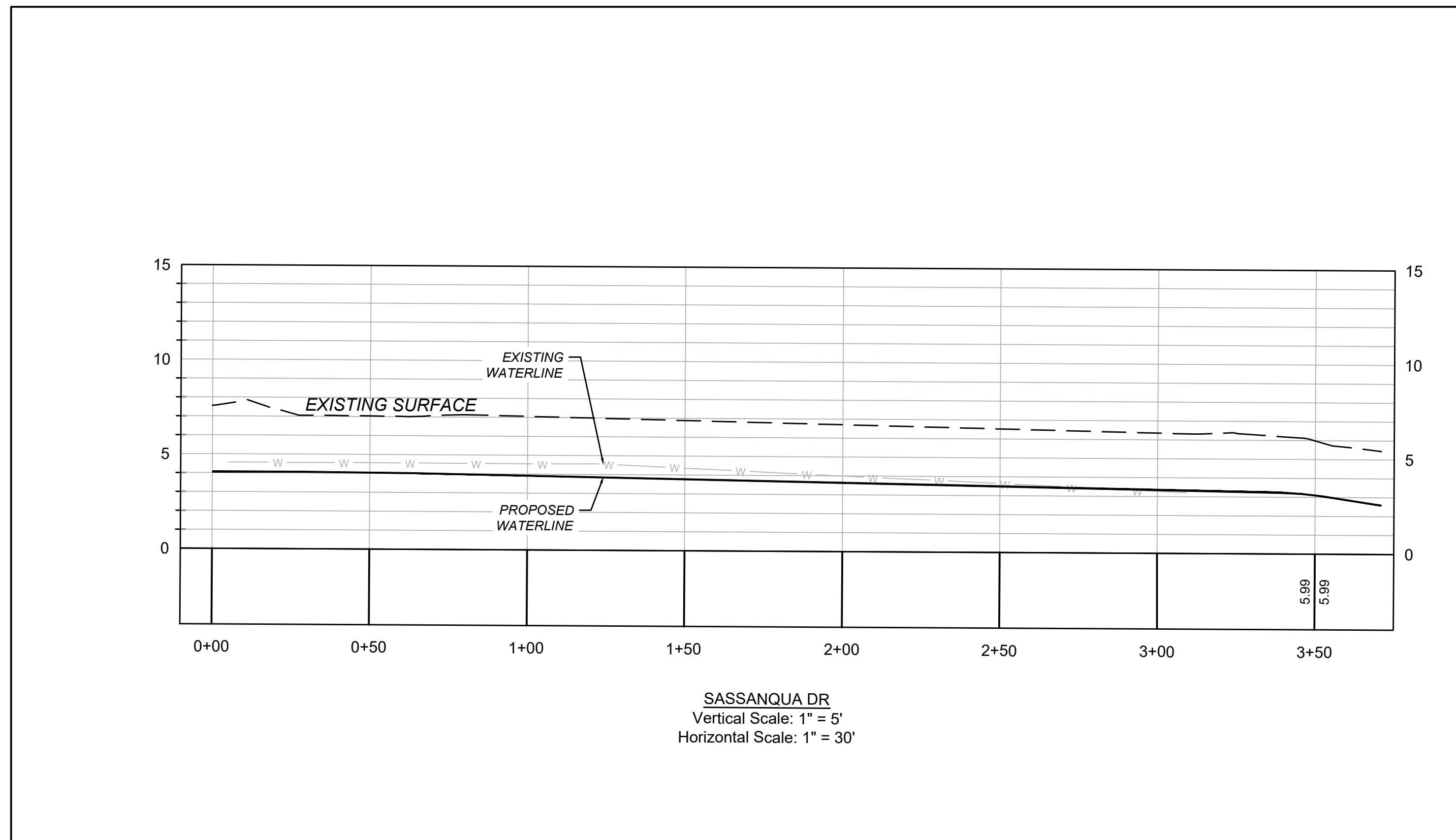
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C-5.3



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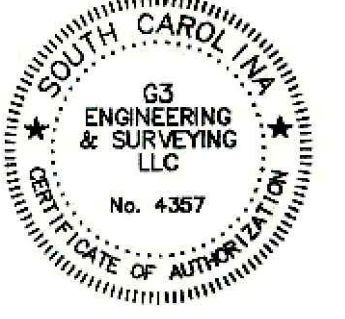


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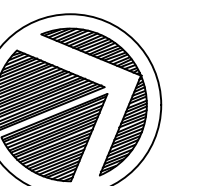
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REV#	DESCRIPTION	DATE
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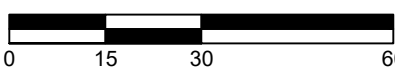


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SCALE: 1" = 30'

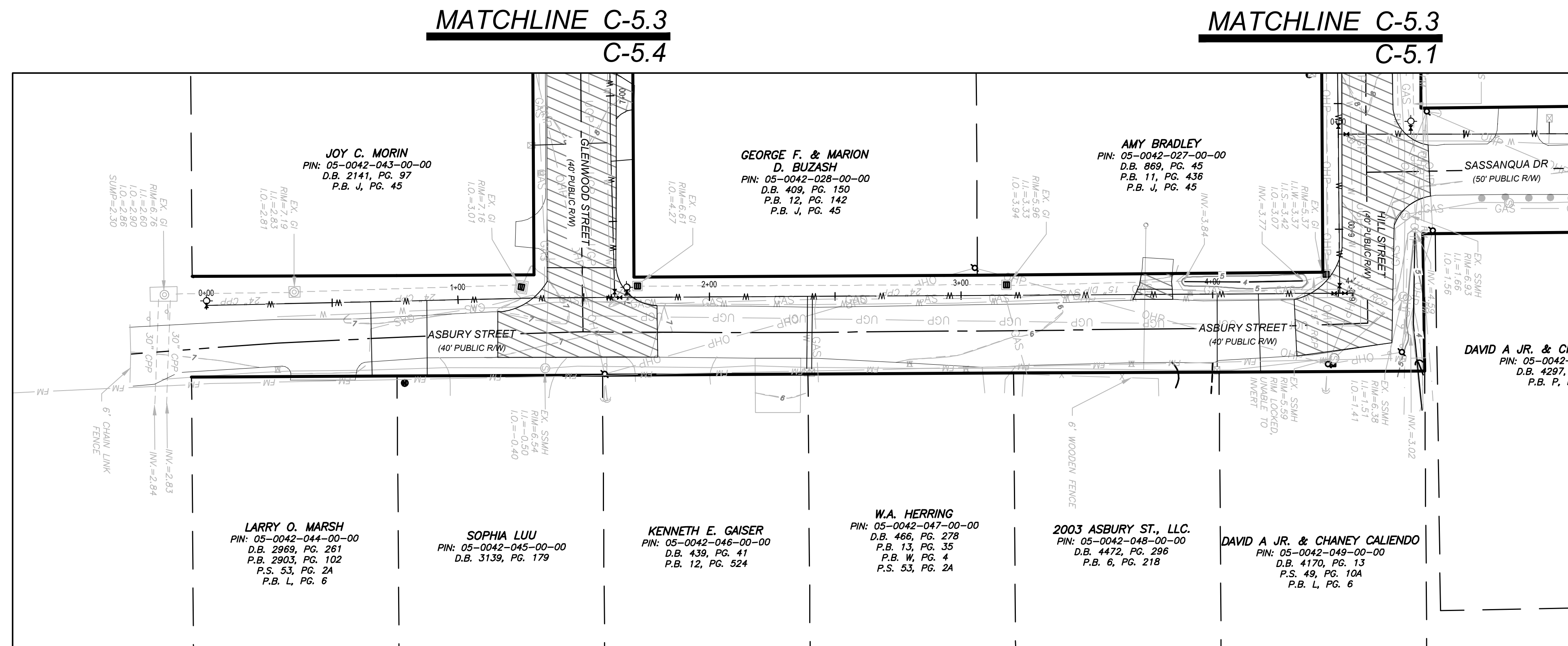


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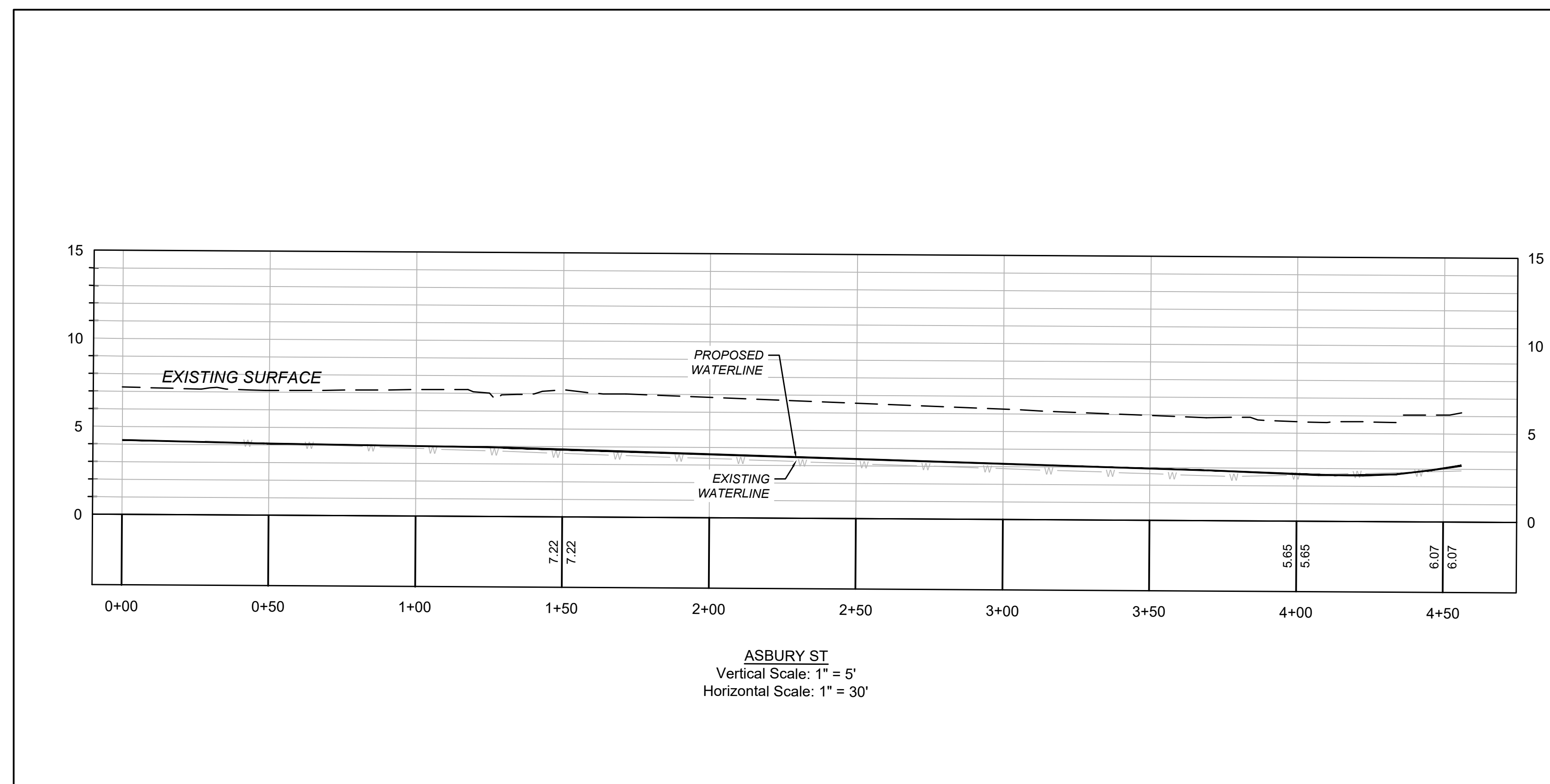
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ASBURY STREET



WATER MAIN NOTES:

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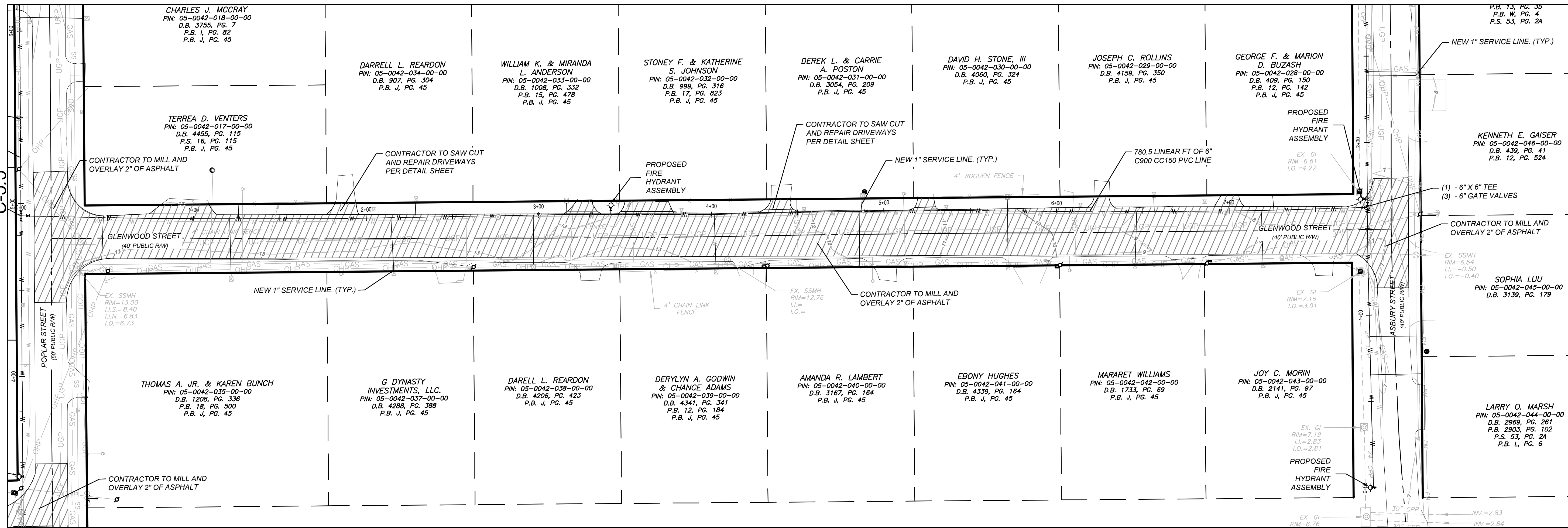
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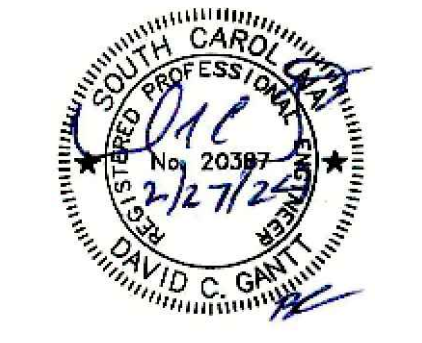
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GLENWOOD STREET

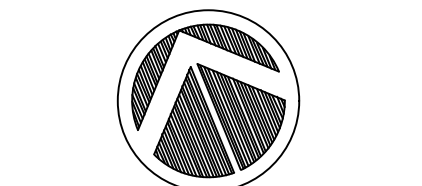
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REV#	DESCRIPTION	DATE
2	DRAWING EXISTING FOREMAN	2/26/2024
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MARYVILLE WATER DISTRIBUTION
GEORGETOWN COUNTY, GEORGETOWN, SOUTH CAROLINA
PREPARED FOR
CITY OF GEORGETOWN
WATER LINE PLAN/PROFILE



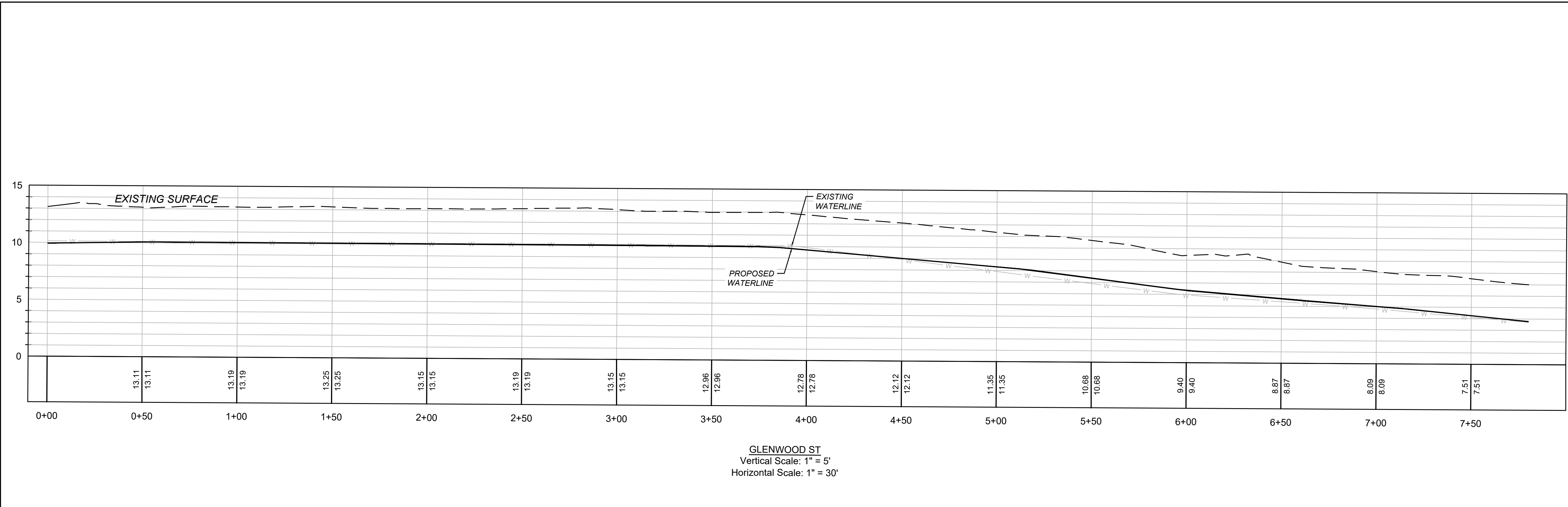
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DESIGNED: TEH
DRAWN: BMB
APPROVED: DCG
PROJ. NO. 23042
DATE: 08/03/2023

SHEET **C-5.4**

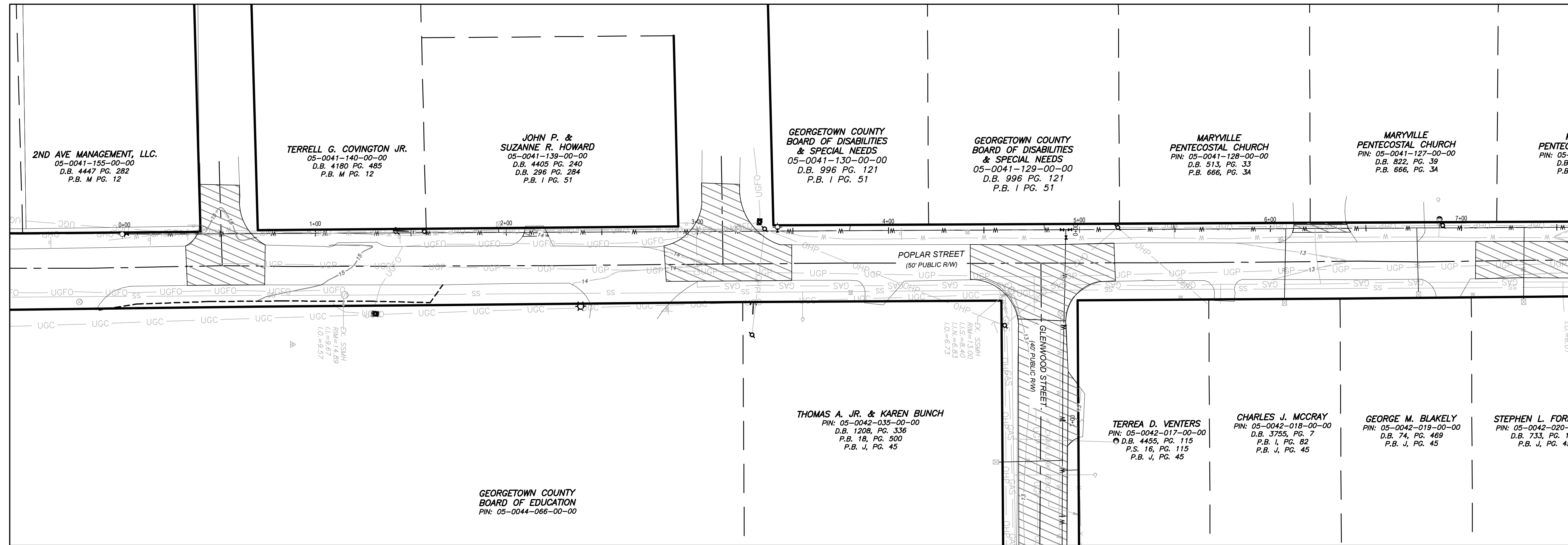
WATER MAIN NOTES:

- CONTRACTOR IS RESPONSIBLE TO FURNISH AND INSTALL THE NEW 6-IN. PVC MAIN AND SERVICE TAPS.
- OLD WATER MAIN AND SERVICES TO BE ABANDONED IN PLACE.
- THE CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH CITY STAFF FOR CHANGE OVER.
- CONTRACTOR IS RESPONSIBLE FOR ALL SOIL BACKFILL COMPACTION TESTING, WATER LINE PRESSURE TESTING, BAC-T TESTING AND REPORTING.
- CITY STAFF WILL MONITOR INSTALLATION AND WITNESS TESTING
- CONTRACTOR IS RESPONSIBLE TO PROVIDE AS-BUILT DRAWINGS CERTIFIED BY A PROFESSIONAL LAND SURVEYOR (PLS).
- THE CONTRACTOR SHALL FOLLOW THE CITY'S CLOSEOUT PROCEDURES.
- CONTRACTOR IS RESPONSIBLE FOR HIRING SURVEYOR TO STAKE ALL PROPERTY CORNERS TO AVOID ENTERING PRIVATE PROPERTY.
- CONTRACTOR IS RESPONSIBLE TO DISCONNECT AND RECONNECT ALL WATER SERVICES.



2/27/2024 11:36:39 AM
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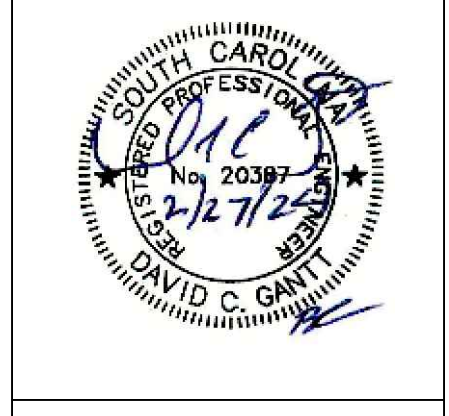
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POPLAR ST MATCHLINE C-5.5
C-5.4

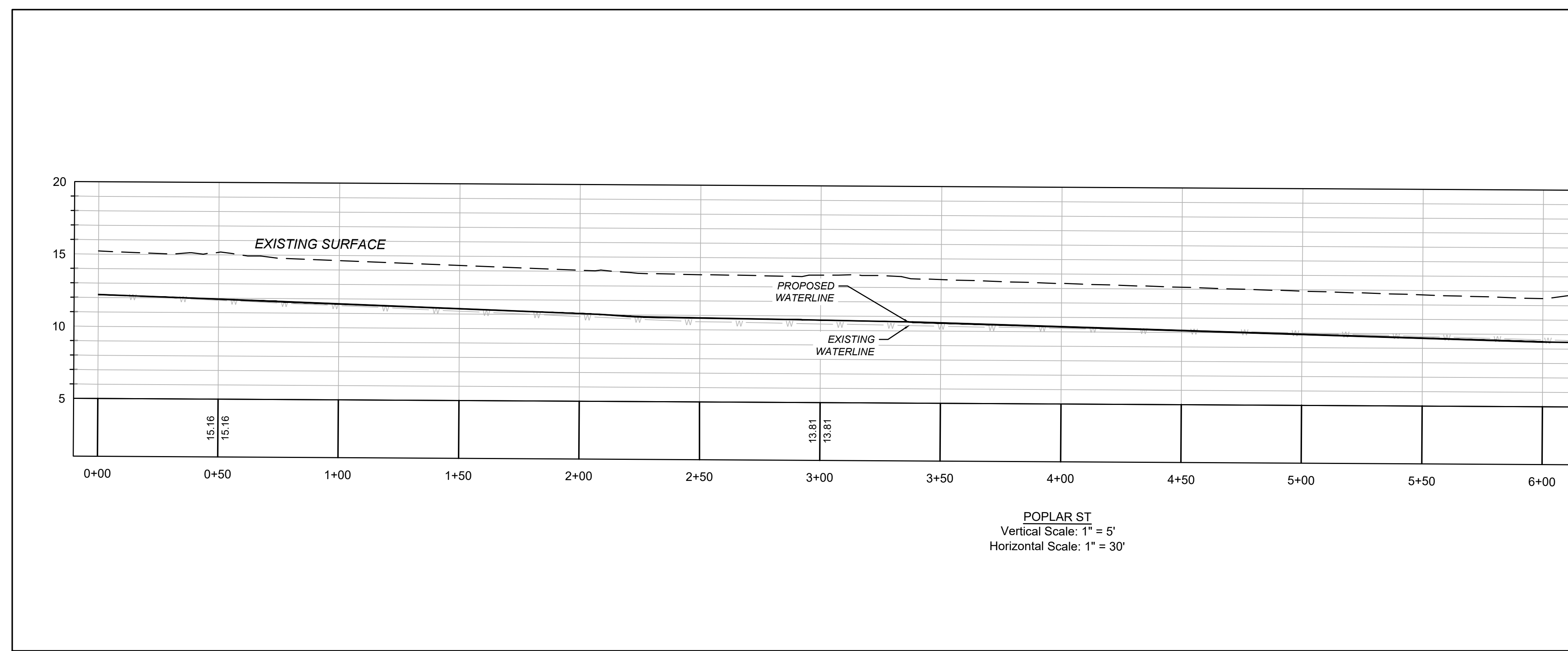
MATCHLINE C-5.5
C-5.6

REV #	DESCRIPTION	DATE
2	DRAWING EXISTING FORCE MAIN	2/26/2024
1	CITY OF GEORGETOWN COMMENTS	12/12/2023



G3 ENGINEERING & SURVEYING
P.O. BOX 2666
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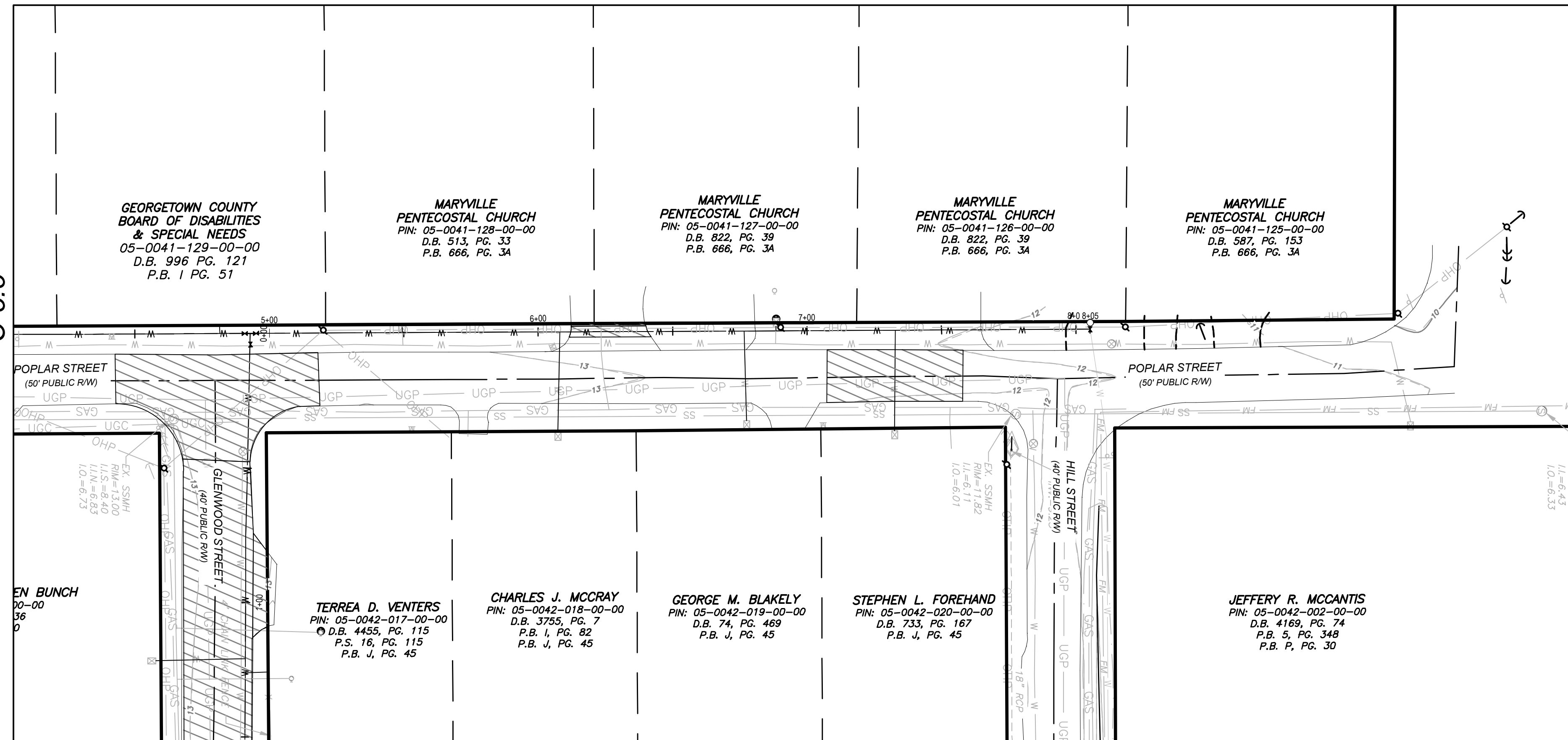
MARYVILLE WATER DISTRIBUTION
GEORGETOWN COUNTY, GEORGETOWN, SOUTH CAROLINA
PREPARED FOR
CITY OF GEORGETOWN
WATER LINE PLAN/PROFILE

DESIGNED: TEH
DRAWN: BMB
APPROVED: DCG
PROJ. NO: 23042
DATE: 08/03/2023

SHEET **C-5.5**

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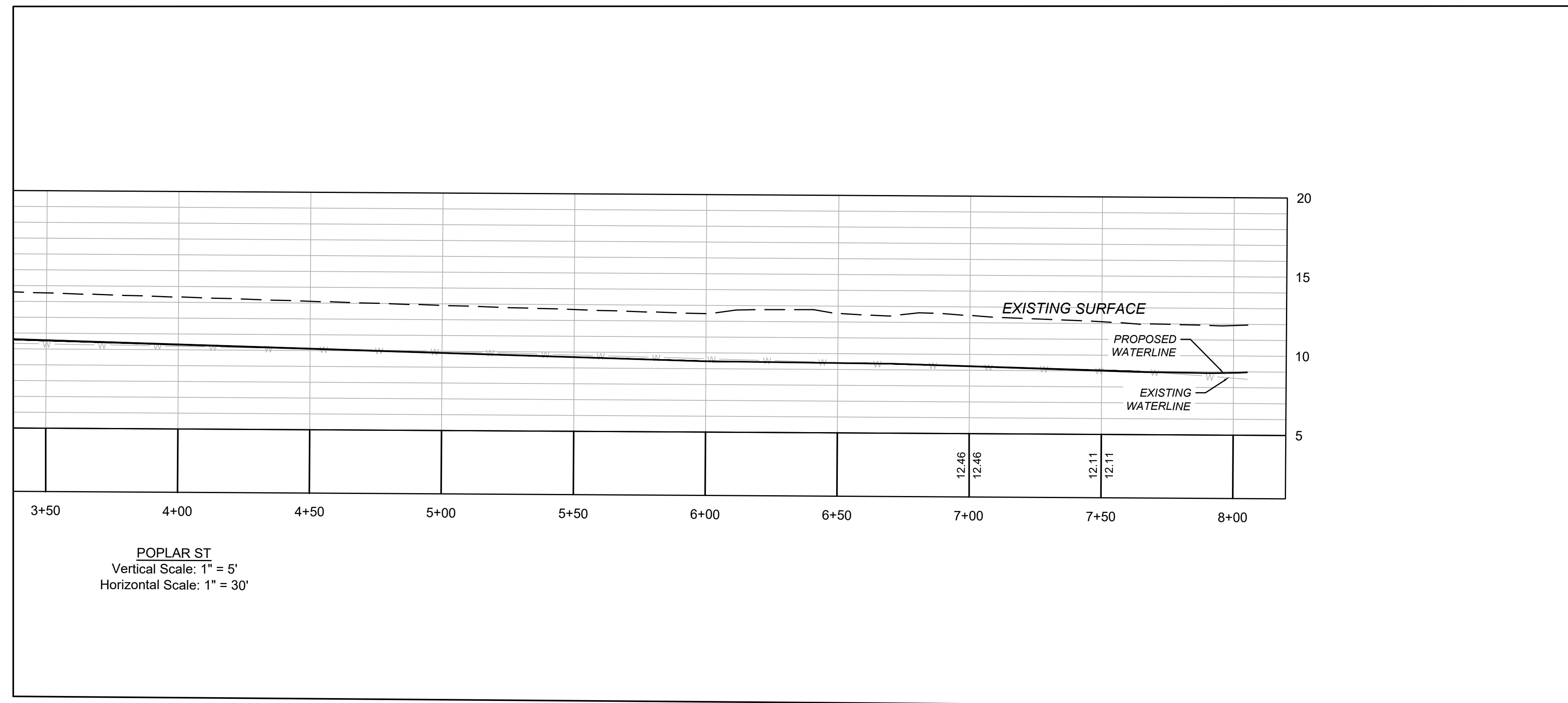
MATCHLINE C-5.6
C-5.5



MATCHLINE C-5.6
C-5.4

MATCHLINE C-5.6
C-5.1

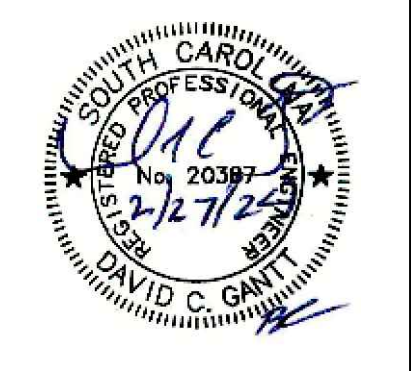
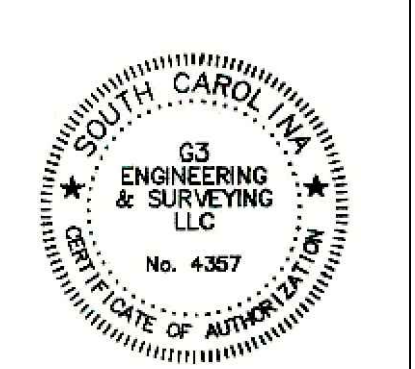
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WATER MAIN NOTES:

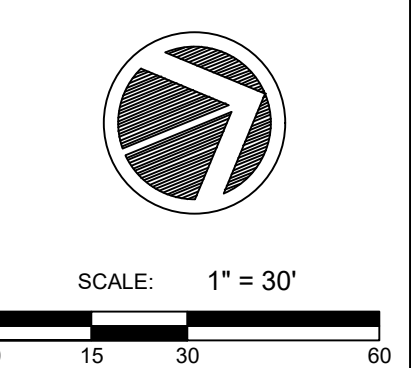
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REV #	DESCRIPTION	DATE
1		
2	DRAWING EXISTING FORCE MAIN CITY OF GEORGETOWN COMMENTS	2/26/2024



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MARYVILLE WATER DISTRIBUTION
 GEORGETOWN COUNTY, GEORGETOWN, SOUTH CAROLINA
 PREPARED FOR
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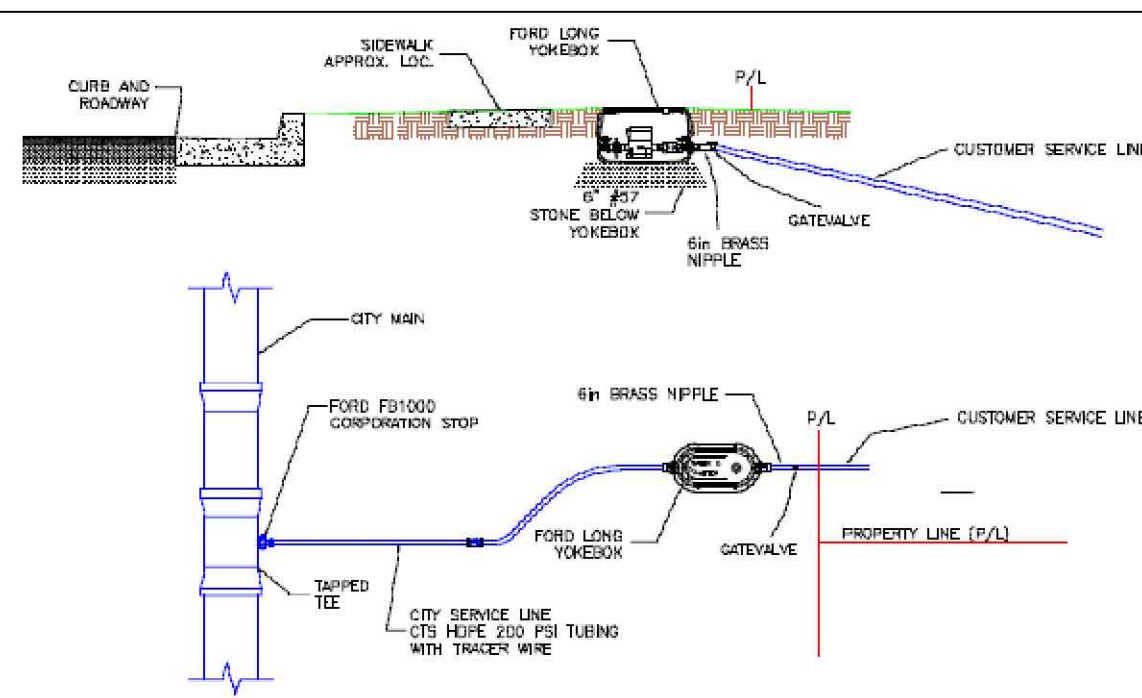


DESIGNED: TEH
DRAWN: BMB
APPROVED: DCG
PROJ. NO. 23042
DATE: 08/03/2023

SHEET **C-5.6**

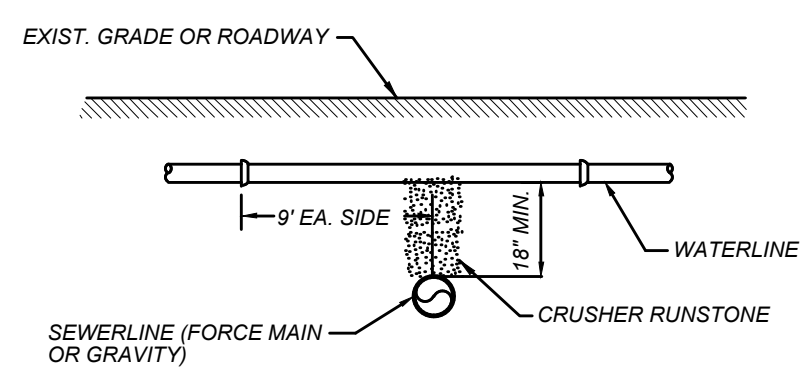
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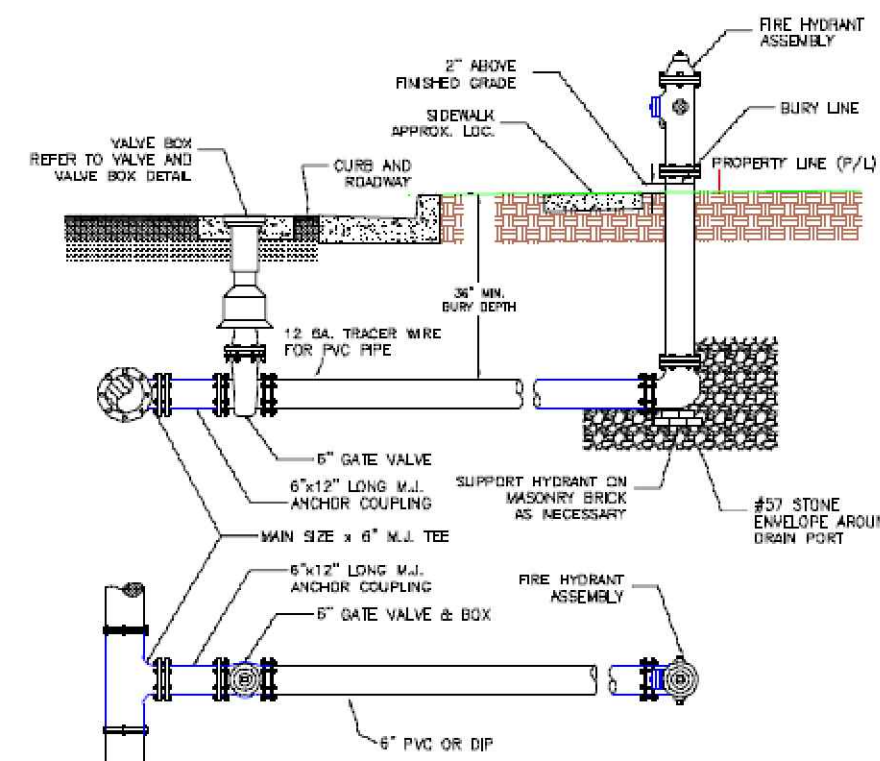
- GENERAL NOTES:**
1. ALL PROPERTIES SHALL BE SERVED BY AT LEAST ONE INDIVIDUAL AND SEPARATE METER.
 2. NO MORE THAN ONE PROPERTY MAY BE SERVED FROM A SINGLE TAP ON THE CITY MAIN.
 3. WATER METER REMOTE READ MODELS SHALL BE:
 - 3.1. SUPPLIED BY THE CITY.
 4. METER BOXES SHALL BE:
 - 4.1. LOCATED IN AREAS NOT SUBJECT TO VEHICULAR TRAFFIC.
 - 4.2. FORD LONG YONKOR.
 - 4.1.1. 8" METER - LYL241-233-T-0-NL
 - 4.1.2. 1" METER - LYL241-233-T-0-NL
 5. METHODS SHALL BE:
 - 5.1. SUPPLIED BY THE CITY.

CITY OF GEORGETOWN			
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TYPICAL SEWERLINE CROSSING

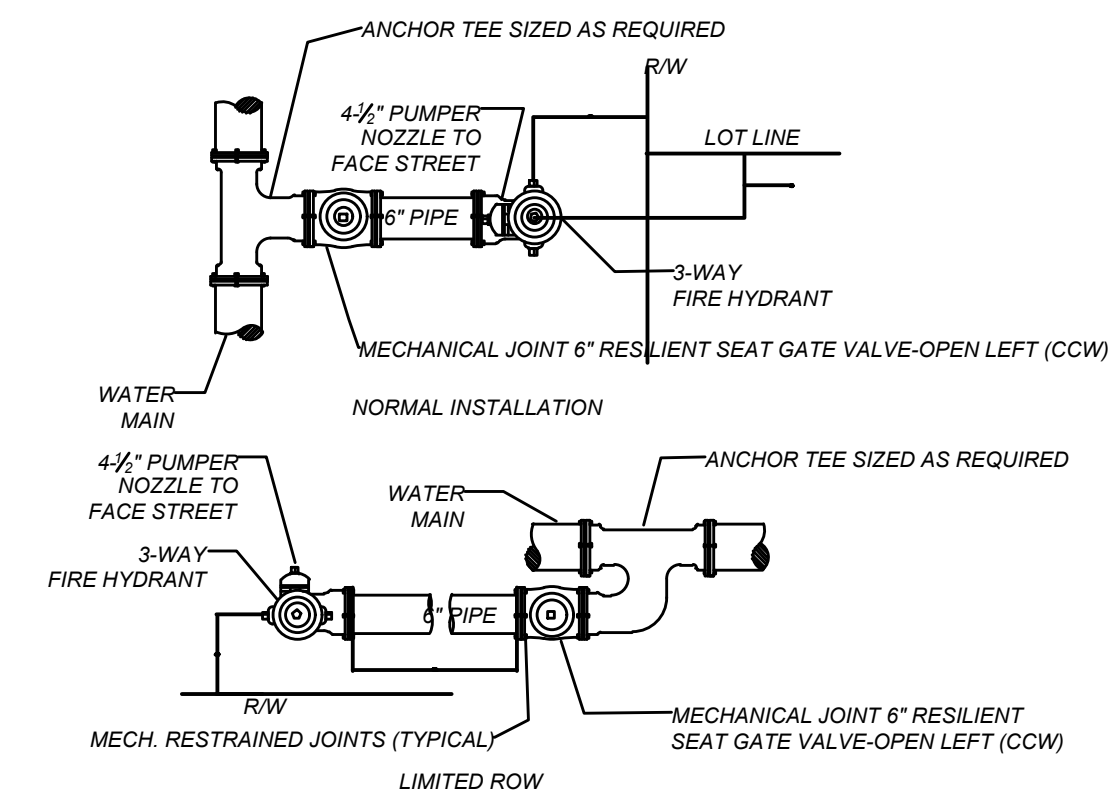
SCALE: N.T.S.



- GENERAL NOTES:**
1. THE FIRE HYDRANT ASSEMBLY SHALL BE VALUED (SEE CONNECTION AND 1/4" FIRE HYDRANT ASSEMBLY WITH INTEGRAL 3-WAY PUMPER NOZZLE OR APPROVED EQUAL).
 2. THE FIRE HYDRANT SHALL BE RECESSED UP TO 4" BELOW GRADE AND SODDED OVER.
 3. THE FIRE HYDRANT SHALL BE RECESSED UP TO 4" BELOW GRADE AND SODDED OVER.
 4. ISOLATION VALVE SHALL BE 1/2" BELOW GRADE AND 1/2" FROM THE FIRE HYDRANT ASSEMBLY.
 5. ALL JOINTS SHALL BE MECHANICALLY RESTRAINED THROUGH SLOPE AND NOT FORMED.

FIRE HYDRANT ASSEMBLY

CITY OF GEORGETOWN			
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NTS	JAN 2023	1	

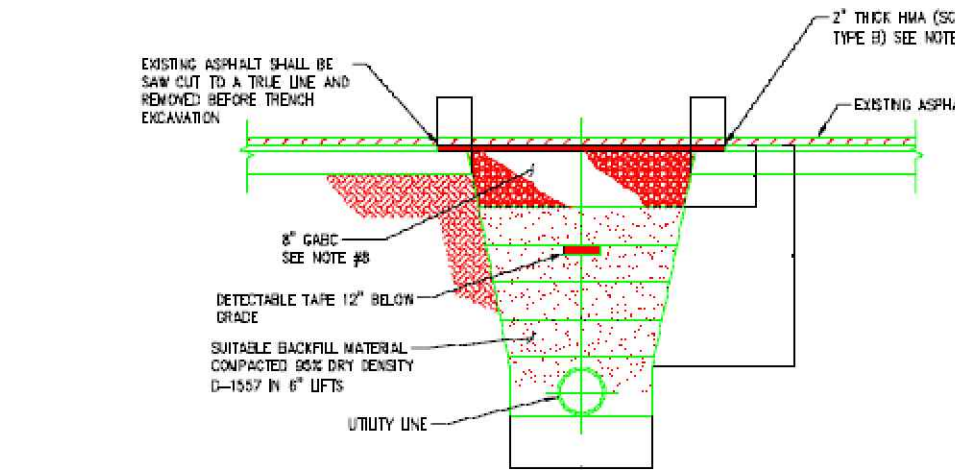


NOTES:

1. SHEAR PAD REQUIRED FOR ALL HYDRANTS. 18" MIN. CLEARANCE TO BE MAINTAINED BETWEEN PAD AND HYDRANT NOZZLES. MAY BE RECESSED UP TO 4" BELOW GRADE AND SODDED OVER.
2. CLEARANCE BETWEEN BOTTOM OF FLANGE AND TOP OF SHEAR PAD SHALL BE 6".
3. FIRE HYDRANT SHALL BE INSTALLED BETWEEN BACK OF CURB AND FACE OF SIDEWALK EXCEPT WHERE CONDITIONS AND/OR REGULATIONS PROHIBIT.
4. PUMPER NOZZLE TO FACE STREET.
5. FIRE HYDRANTS TO BE SUPPLIED WITHOUT A DRAIN OUTLET OR WITH A PERMANENTLY PLUGGED WEEP HOLE.

STANDARD DETAIL MECHANICAL JOINT RESTRAINT

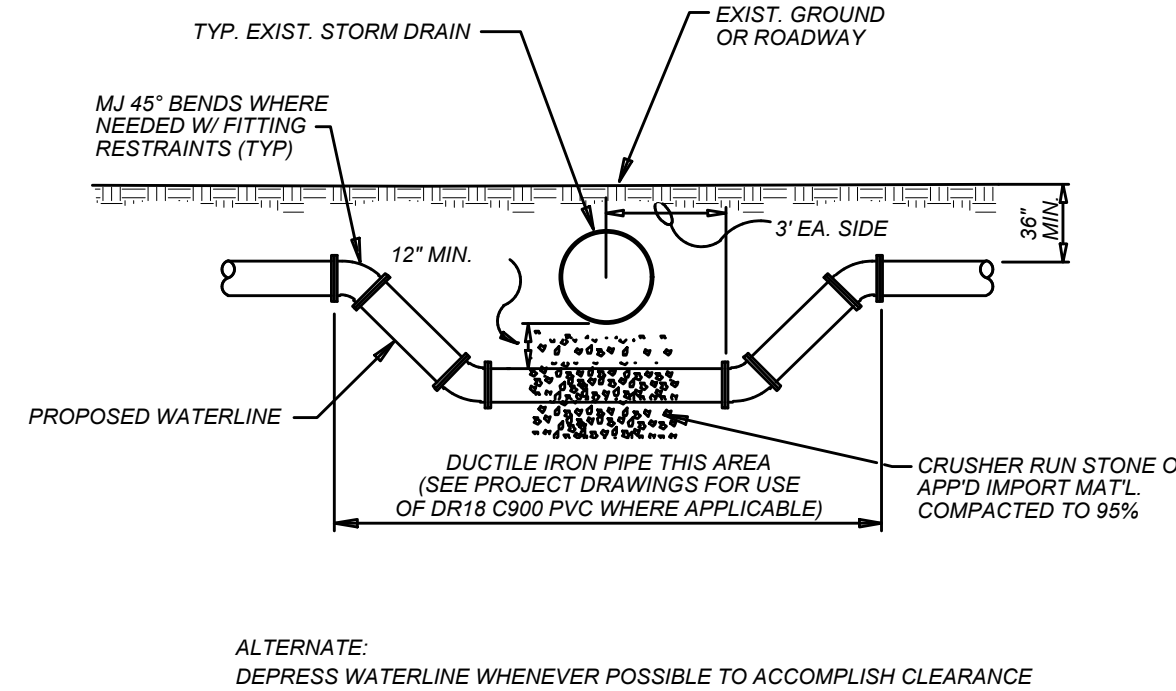
SCALE: N.T.S.



- NOTES:**
1. ALL REPAIRS TO BE IN ACCORDANCE WITH THE SCOPE SPECIFICATIONS AND THESE SPECIFICATIONS.
 2. TRENCH SHALL BE BACKFILLED AND THOROUGHLY TAMPED WITH SUITABLE MATERIAL TO THE LEVEL OF THE STONE.
 3. REPAIRS BY THE CONTRACTOR SHALL BE CONDUCTED WITH THE LEAST INTERFERENCE TO TRAFFIC.
 4. WHERE EXISTING ASPHALT IS INSUFFICIENT THICKNESS TO DEVELOP A TIGHT SEAL WITH THE NEW SURFACE, OVERLAY EXISTING SURFACE AS PER SPECIFICATIONS.
 5. SEE SPEC. FOR UTILITY LINE REPAIRS.
 6. 2" MINIMUM COVER FOR WATER MAINS AND WASTEWATER LINES.
 7. ASPHALT DRUMWAYS IN STREET RIGHT-OF-WAY TO BE RESURFACED FROM EDGE OF PAVEMENT TO THE RIGHT-OF-WAY LINE.
 8. INSTALL 1/2" BASE COURSE TO TOP OF EXISTING ASPHALT. EXCAVATE 2" BASE COURSE TO PLACE ASPHALT COURSE (TYPE 9) FLUSH TO EXISTING ASPHALT.

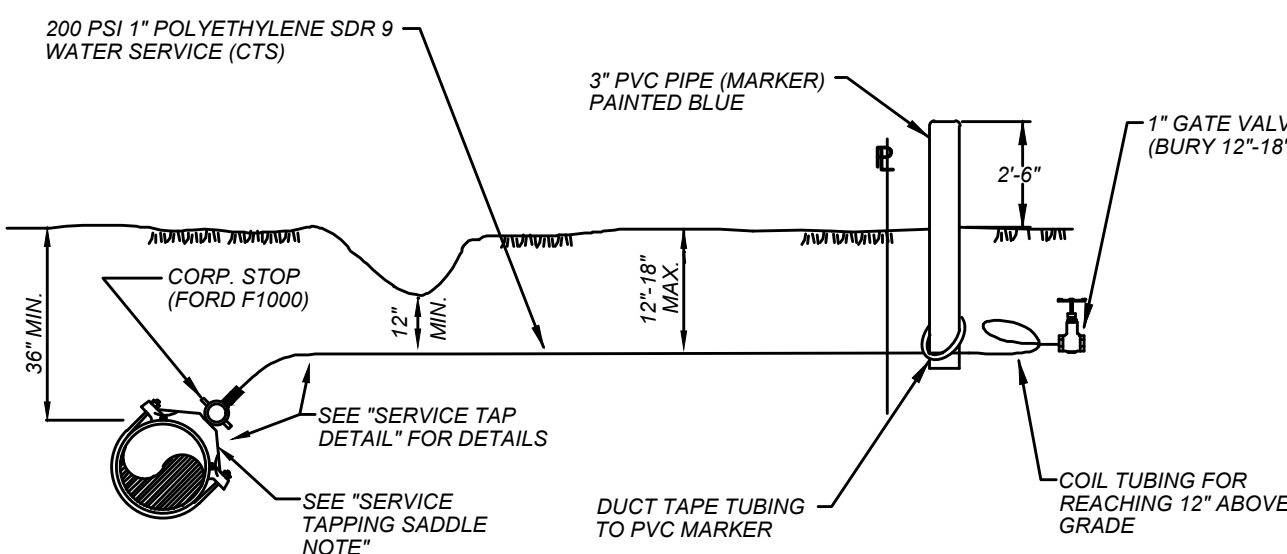
UTILITY BACKFILL TRENCH

CITY OF GEORGETOWN			
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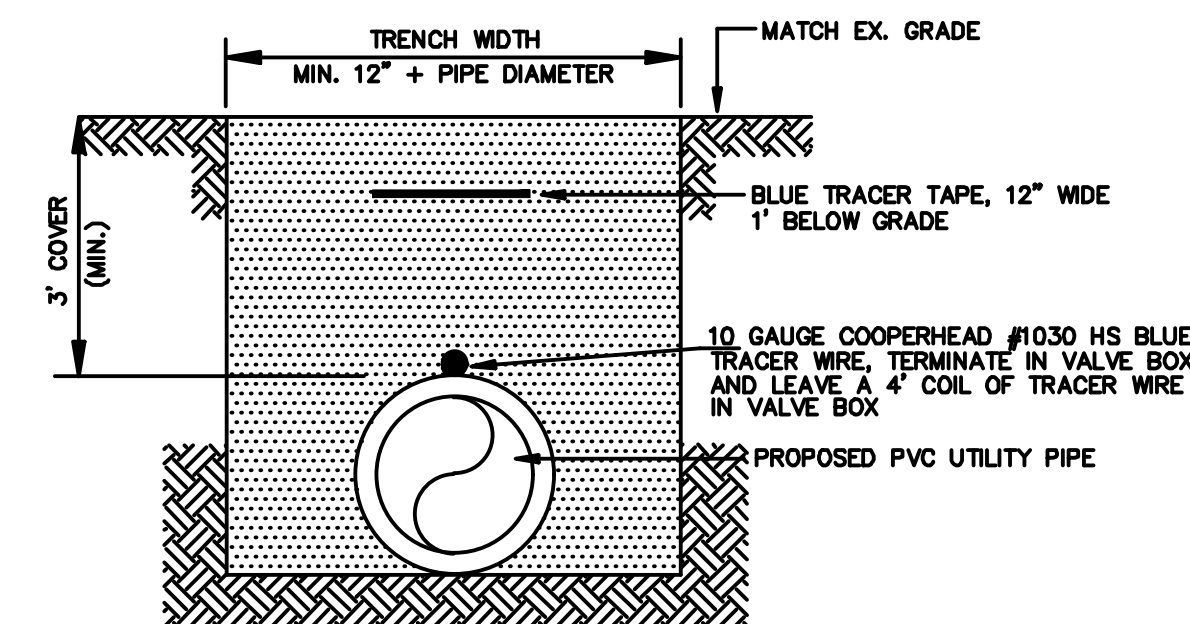
TYPICAL STORM DRAIN CROSSING

SCALE: N.T.S.



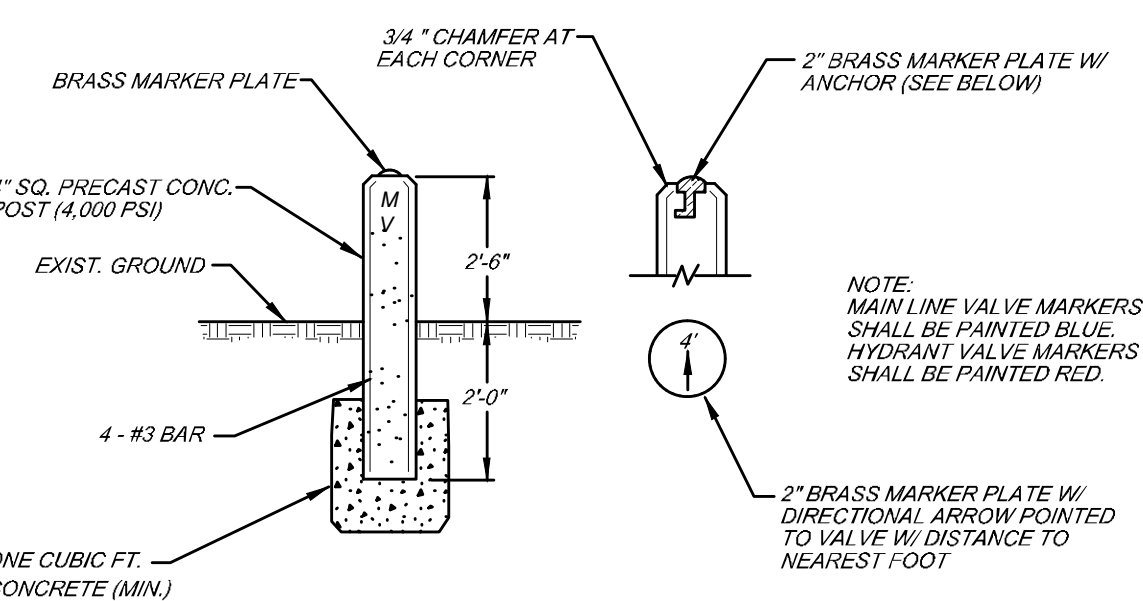
TYPICAL WATER SERVICE DETAIL FOR FUTURE CUSTOMER CONNECTIONS (FOR DEVELOPER PROJECTS ONLY)

SCALE: N.T.S.



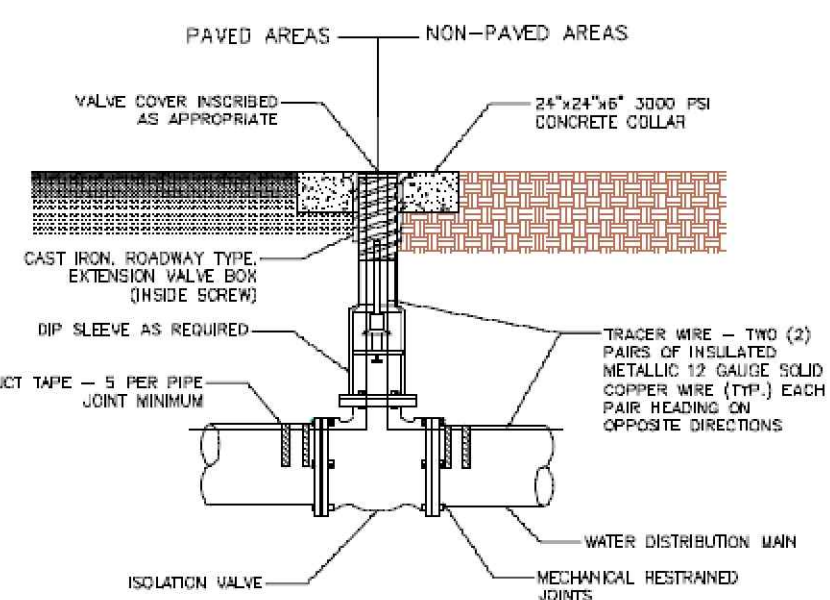
TRACER WIRE DETAIL

SCALE: N.T.S.



CONCRETE VALVE MARKER

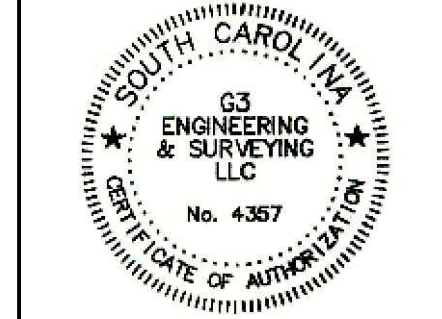
SCALE: N.T.S.



VALVE AND VALVE BOX

CITY OF GEORGETOWN			
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NTS	JAN 2023	1	

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1			
2	DRAWING EXISTING FORCE MAIN CITY OF GEORGETOWN COMMENTS	TEH	02/22/2023



MARYVILLE WATER DISTRIBUTION
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 WATER DISTRIBUTION DETAILS



DESIGNED: TEH
DRAWN: BMB
APPROVED: DCG
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DATE: 08/03/2023

2/27/2024 11:38:02 AM: Maryville Water Distribution Improvements Ph. 1(Dwg)23042 Details.dwg