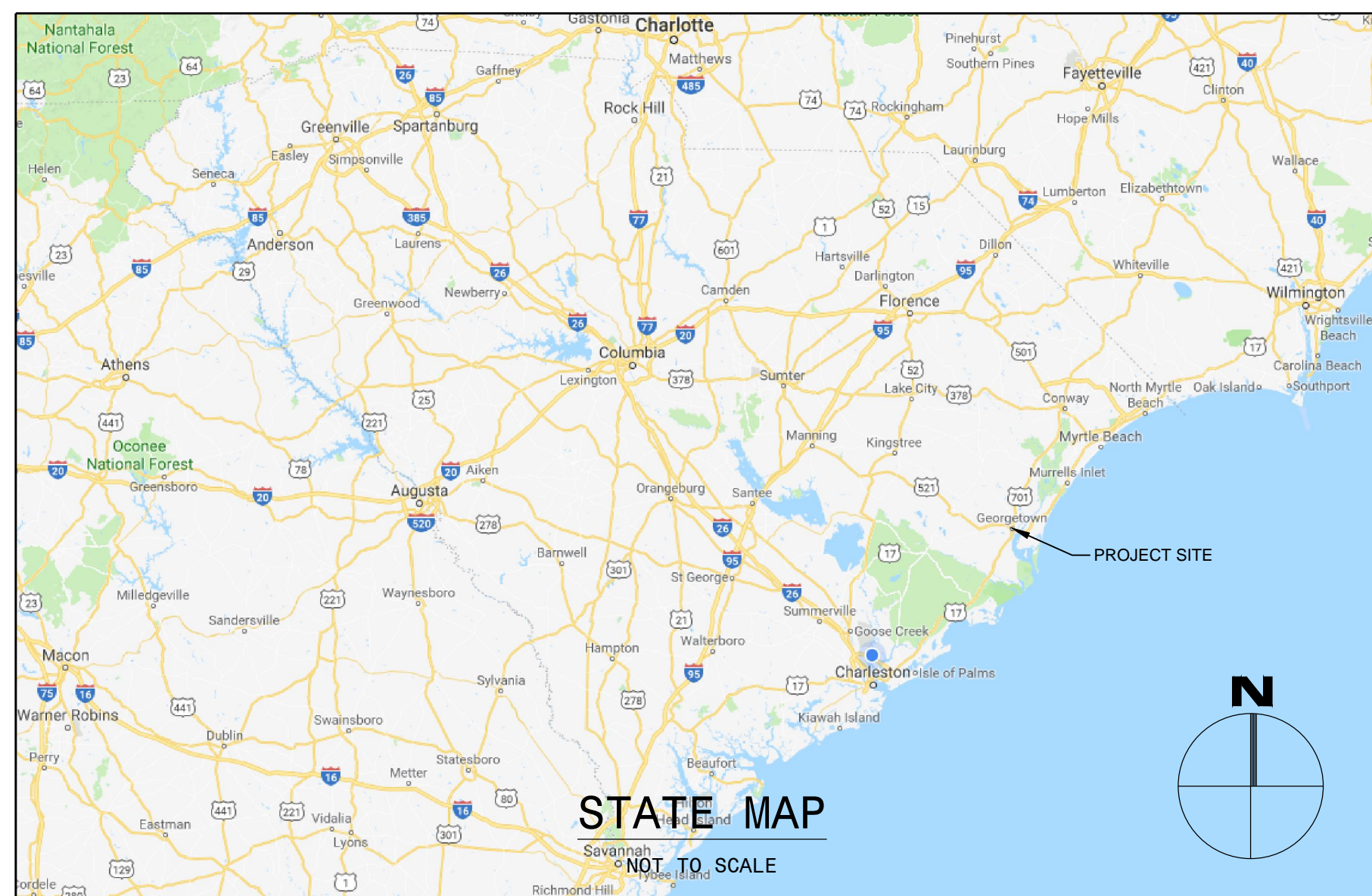


# CITY OF GEORGETOWN KAMINSKI STREET (PROJECT NO. 1511) AND HEYWARD STREET (PROJECT NO. 1509) WATER IMPROVEMENTS

## GEORGETOWN, SC GEORGETOWN COUNTY



### LOCATOR SERVICES:

PRIOR TO EXCAVATION, CONTRACTOR SHALL ARRANGE FOR LOCATING AND MOVING, IF NECESSARY, UNDERGROUND UTILITIES AS FOLLOWS:

GAS LINES	SOUTH CAROLINA ELECTRIC AND GAS CO. - 1-800-251-7234 DOMINION CAROLINA GAS TRANSMISSION - 803-206-0940
WATER/SEWER	CITY OF GEORGETOWN - 843-545-4500
ELEC. POWER	CITY OF GEORGETOWN - 843-545-4600
TELEPHONE LINES	HORRY TELEPHONE - 843-369-7399
T.V. CABLES	TIME WARNER - MURRELS INLET - 855-272-2862 FRONTIER COMM. (FORMERLY VERIZON) - 843-536-7203
SCDOT SIGNAL LINES	GLENN COLLINS - 843-661-4812
PALMETTO UTILITY PROTECTION SERVICES (PUPS)	803-939-1117

### WATER NOTES:

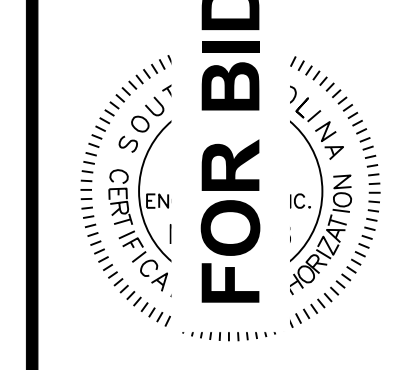
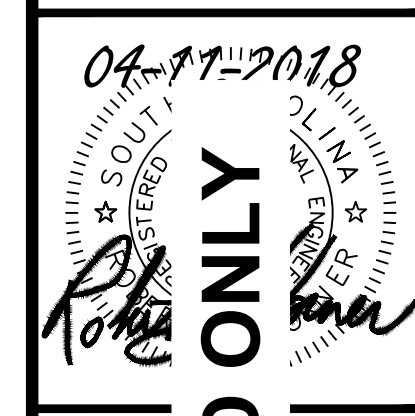
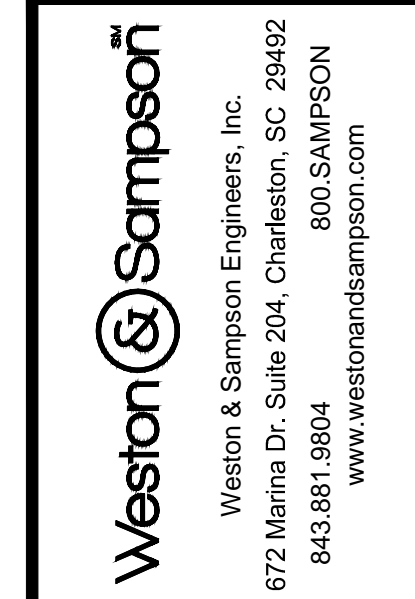
- ALL WATER SERVICES AFFECTED BY THIS CONSTRUCTION SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THIS PROJECT.
- WATER INSTALLATION SHALL BE IN ACCORDANCE WITH "TEN STATES STANDARDS," SCDHEC AND COG STANDARDS.
- CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH COG AT LEAST 72 HOURS PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OR CONTINUING WORK. ANY DEVIATIONS FROM THE CONSTRUCTION PLANS SHALL NEED TO BE APPROVED IN WRITING BY COG REPRESENTATIVE.
- CONTRACTOR SHALL VERIFY ALL EXISTING WATER PIPE DIAMETER AND MATERIAL BEFORE ANY PURCHASE OF MATERIAL IS MADE FOR CONNECTIONS.
- CONNECTIONS TO EXISTING WATER SYSTEM SHALL BE MADE IN THE PRESENCE OF COG PUBLIC WATER UTILITY REPRESENTATIVE WITH AT LEAST 72 HOURS ADVANCED NOTICE.
- ALL WATER LINES SHALL HAVE A MINIMUM COVER OF 36".
- A MINIMUM CLEARANCE OF 18" SHALL BE MAINTAINED FROM ALL OTHER EXISTING UTILITIES. THE PROPOSED WATER LINE SHALL PASS ABOVE ANY EXISTING SANITARY SEWER PIPE OR INFRASTRUCTURE.
- WATER SERVICE AND SEWER SERVICE FOR EACH LOT SHALL MAINTAIN A MINIMUM 5' OF SEPARATION, WHERE POSSIBLE.
- THE MINIMUM REQUIRED SPACING BETWEEN ANY NEW WATER LINE AND ANY EXISTING GAS LINE (MAIN OR SERVICE) IS 6 INCHES VERTICAL AND 12 INCHES HORIZONTAL. THIS DISTANCE IS MEASURED FROM OUTER EDGE OF PIPE (ONE UTILITY) TO OUTSIDE EDGE OF PIPE (OTHER UTILITY).
- ANY EXISTING WATER MAIN (WITH NOMINAL DIAMETER OF 4 INCHES OR GREATER) UNDERNEATH OF A SCDOT ROADWAY THAT IS TO BE ABANDONED SHALL BE CAPPED OUTSIDE OF THE EDGE OF PAVEMENT AND FILLED WITH NON-SHRINK FLOWABLE FILL PER SCDOT STANDARDS.
- USE 45° OR FLATTER BENDS WHEN GOING UNDER RCP, AND DO NOT INSTALL VALVES, HYDRANTS, OR SERVICES ON DEEP PIPE SECTIONS.
- DEFLECT WATER LINES IN LIEU OF FITTINGS IN ACCORDANCE WITH THE PIPE MANUFACTURER'S SPECIFICATIONS.
- ALL FITTINGS, VALVES AND HYDRANTS SHALL BE PROVIDED WITH RESTRAINED JOINT FITTINGS PER COG REQUIREMENTS.
- WATER SERVICE STUBOUTS & SERVICE TEE SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY OR GENERAL UTILITY EASEMENT (GUE).
- BEFORE THE WATER MAIN IS PLACED INTO SERVICE, THE CONTRACTOR SHALL CONDUCT AND SUCCESSFULLY COMPLETE PRESSURE TESTING AND LEAKAGE TESTING IN ACCORDANCE WITH AWMA'S STANDARD ON HYDROSTATIC TESTING (AWMA C600), AND THIS PROJECTS SPECIFICATIONS.
- BEFORE THE WATER MAIN IS PLACED INTO SERVICE, THE CONTRACTOR SHALL SUCCESSFULLY CONDUCT DISINFECTION IN ACCORDANCE WITH AWMA'S STANDARD ON DISINFECTING WATER MAINS (AWMA C651), THIS PROJECTS SPECIFICATIONS, AND AS REQUIRED BY SCDHEC.
- CONTRACTOR SHALL SCHEDULE ALL REQUIRED TESTS AND INSPECTIONS WITH A COG REPRESENTATIVE AT LEAST 72 HOURS IN ADVANCE. A SET OF RECORD DRAWINGS SHALL BE PROVIDED TO COG PUBLIC WATER UTILITY REPRESENTATIVE FOR FINAL INSPECTION.
- CONTRACTOR SHALL KEEP A RED-LINED SET OF THE CONSTRUCTION DRAWINGS ON SITE AT ALL TIMES.

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### GENERAL CONSTRUCTION NOTES:

- CONTRACTOR TO VERIFY ALL INFORMATION CONTAINED HEREIN PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OR OWNER OF ANY DISCREPANCY PRIOR TO CONSTRUCTION.
- ALL CONSTRUCTION, METHODS, MATERIALS, AND WORKMANSHIP SHALL CONFORM TO CITY OF GEORGETOWN PUBLIC SERVICES DEPARTMENT SPECIFICATIONS, LATEST EDITION. WHERE CONFLICT OCCURS BETWEEN CONSTRUCTION PLANS, SPECIFICATIONS, AND/OR FIELD CONDITIONS, CONTRACTOR IS TO CONTACT ENGINEER OR OWNER FOR CLARIFICATION PRIOR TO CONSTRUCTION.
- CONTRACTOR TO COORDINATE WITH OWNER AND ENSURE ALL APPLICABLE CONSTRUCTION AND LAND DISTURBANCE PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCING ANY WORK.
- CONTRACTOR TO NOTIFY CITY OF GEORGETOWN WATER UTILITY DEPARTMENT A MINIMUM OF 48 HOURS BEFORE ANY WATER WORK IS TO BEGIN.
- CONTRACTOR TO NOTIFY SCE&G CONSTRUCTION & ENGINEERING REPRESENTATIVE (DAVID ETHRIDGE, 843-745-7511) A MINIMUM OF 48 HOURS BEFORE ANY WATER WORK IS TO BEGIN. THIS REPRESENTATIVE SHALL BE PRESENT DURING THE CROSSING OF BLACK RIVER ROAD, AS THERE IS A 4" STEEL GAS MAIN ON THE EASTERN SIDE THAT IS CRITICAL.
- IN ALL AREAS WHERE THE PROPOSED WATER LINES CROSS AN EXISTING STORM DRAIN, THE CONTRACTOR SHALL HAVE THE CROSSING INSPECTED BY SCDOT'S GEORGETOWN MAINTENANCE OFFICE PRIOR TO BACKFILLING. SCDOT RESERVES THE RIGHT TO REQUEST ANY EXPOSED JOINTS TO BE RESEALED BEFORE IT IS COVERED.
- ALL PROPOSED CONSTRUCTION ACTIVITY SHALL BE CONFINED TO THE RIGHT OF WAY.
- NO GRAND TREES WILL BE REMOVED DURING THE CONSTRUCTION OF THIS PROJECT.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER ON ALL MATERIALS PRIOR TO PURCHASE.
- ALL WORK PERFORMED IN CONNECTION WITH THE SCDOT ROAD ENCROACHMENT PERMIT MUST COMPLY WITH SCDOT'S UTILITY ACCOMMODATION MANUAL.
- CONTRACTOR SHALL SUBMIT CALCULATIONS FOR JACK AND BORE OPERATIONS TO THE SCDOT FOR REVIEW PRIOR TO CONSTRUCTION, IF REQUIRED.
- CONTRACTOR SHALL WARRANT ALL REPAIRED OR DISTURBED SURFACE AREAS (ROADWORK AND SIDEWALKS) FOR A PERIOD OF TWO YEARS AFTER FINAL ACCEPTANCE.
- ALL TRAFFIC CONTROLS WITHIN WORK ZONE MUST MEET THE CRITERIA OF THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- CONTRACTOR SHALL ADEQUATELY PROTECT ALL EXCAVATED AREAS FROM PEDESTRIAN TRAFFIC.
- CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS.
- HORIZONTAL DATUM USED IS NAD83. VERTICAL DATUM USED IS NAVD88.



File No.	Job No.	Scale	Contract	Project Title	CADD No.	Drawn By	Checked By	App'd By	Date	Description
C-100	NTS			KAMINSKI STREET AND HEYWARD STREET WATER IMPROVEMENTS						

GEORGETOWN SOUTH CAROLINA  
CITY OF GEORGETOWN, ENGINEERING DEPARTMENT  
KAMINSKI STREET AND HEYWARD STREET WATER IMPROVEMENTS  
PROJECT TITLE SHEET

C-100  
SHEET 1 OF 12



Know what's below.  
Call before you dig.

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## STANDARD EROSION CONTROL NOTES:

- IF NECESSARY, SLOPES, WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
  - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
  - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED ONCE CALENDAR EVERY WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY, OR INCORRECTLY, THE PERMITTEE MUST ADDRESS THE NECESSARY REPLACEMENT OR MODIFICATION REQUIRED TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.
- PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEARED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ. AND SCR100000.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CANT BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WOS. A 10-FOOT BUFFER SHOULD BE MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WOS.
- LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
- A COPY OF THE SWPPP, INSPECTIONS RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY LOCATION EASILY ACCESSIBLE DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS REACHED.
- INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND-DISTURBING ACTIVITIES HAVE PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
- MINIMIZE SOIL COMPACTION AND, UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE;
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH APPROPRIATE BMPS (SEDIMENT BASIN, FILTER BAG, ETC.).
- THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
  - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
  - WASTEWATER FROM WASHOUT AND CLEANOUT OF STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
  - FUELS, OILS, OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE;
  - AND SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
- AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTIONS MUST BE CONDUCTED AT A MINIMUM OF AT LEAST ONCE EVERY CALENDAR WEEK AND MUST BE CONDUCTED UNTIL FINAL STABILIZATION IS REACHED ON ALL AREAS OF THE CONSTRUCTION SITE.
- IF EXISTING BMPS NEED TO BE MODIFIED OR IF ADDITIONAL BMPS ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.
- A PRE-CONSTRUCTION CONFERENCE MUST BE HELD FOR EACH CONSTRUCTION SITE WITH AN APPROVED ON-SITE SWPPP PRIOR TO THE IMPLEMENTATION OF CONSTRUCTION ACTIVITIES. FOR NON-LINEAR PROJECTS THAT DISTURB 10 ACRES OR MORE THIS CONFERENCE MUST BE HELD ON-SITE UNLESS THE DEPARTMENT HAS APPROVED OTHERWISE.

## TREE PROTECTION NOTES:

- NO PROTECTED (ACCORDING TO CITY OF GEORGETOWN'S ARTICLE XII:TREE PROTECTION REGULATIONS) TREES SHALL BE REMOVED DURING THE CONSTRUCTION OF THIS PROJECT.
- PROTECTIVE BARRICADES SHALL BE PLACED AROUND ALL PROTECTED TREES (ACCORDING TO CITY OF GEORGETOWN'S ARTICLE XII:TREE PROTECTION REGULATIONS) LOCATED IN THE CONSTRUCTION AREA PRIOR TO COMMENCEMENT OF ANY WORK, AND SHALL REMAIN IN PLACE UNTIL CONSTRUCTION ACTIVITIES ARE COMPLETE.
- PROTECTIVE BARRICADES SHALL BE ERECTED A MINIMUM DISTANCE FROM THE BASE OF A PROTECTED TREE ACCORDING TO THE FOLLOWING STANDARDS:
  - FOR PROTECTED TREES UNDER TEN INCHES DBH, PROTECTIVE BARRICADES SHALL BE PLACED A MINIMUM DISTANCE OF FIVE FEET FROM THE BASE OF EACH PROTECTED TREE, OR TO THE DRIP LINE, WHICHEVER IS GREATER.
  - FOR PROTECTED TREES GREATER THAN TEN INCHES DBH, PROTECTIVE BARRICADES SHALL BE PLACED A MINIMUM DISTANCE OF TEN FEET FROM THE BASE OF EACH PROTECTED TREE, OR TO THE DRIP LINE, WHICHEVER IS GREATER.
- LOCATION OF TREE PROTECTION SHALL BE FIELD DETERMINED BASED ON PROXIMITY TO ROAD, SIDEWALK, ETC.
- IF CONSTRUCTION ACTIVITIES WILL CONFLICT WITH THE TREE ROOT SYSTEM, A TREE EXPERT (ANY INDIVIDUAL LICENSED AS OR WHO IS OTHERWISE PRACTICING LANDSCAPE ARCHITECTURE, ARBORIST, FORESTER, OR HORTICULTURIST) SHALL BE CONSULTED PRIOR TO THE ACTIVITY TO MINIMIZE IMPACT TO TREE. IF TREE IS DAMAGED, CONTRACTOR SHALL IMMEDIATELY CONSULT WITH TREE EXPERT AND THE CITY OF GEORGETOWN FOR TREE REPAIR.
- ALL ROOTS TO BE REMOVED DURING CONSTRUCTION SHALL BE SEVERED CLEAN AND A 2" LAYER OF MULCH SHALL BE APPLIED OVER THE SURFACE OF EXPOSED ROOTS DURING CONSTRUCTION.
- MODERATE FILL CAN BE TOLERATED WITHIN A TREE'S CRITICAL ROOT ZONE WITH THE PROPER UTILIZATION OF AN AERATION SYSTEM. COMMERCIALY AVAILABLE SYSTEMS ARE SUBJECT TO REVIEW BY THE CITY GROUNDS MAINTENANCE SUPERVISOR.
- CONTRACTOR SHALL AVOID DAMAGE TO TREE LIMBS. IF PRUNING IS NECESSARY, THE CITY OF GEORGETOWN'S GROUND MAINTENANCE SUPERVISOR MUST FIRST BE CONSULTED.
- ALL PRUNING OF TREES SHALL BE DONE BY A QUALIFIED TREE SERVICE DURING CONSTRUCTION ACCORDING TO THE TREE CARE INDUSTRY ASSOCIATION'S PRUNING STANDARDS FOR SHADE TREES.
- THE AREA WITHIN THE PROTECTIVE BARRICADE SHALL REMAIN FREE OF ALL BUILDING MATERIALS, DIRT OR OTHER CONSTRUCTION MATERIALS, DEBRIS, MACHINERY , VEHICLES, AND CONSTRUCTION ACTIVITIES.

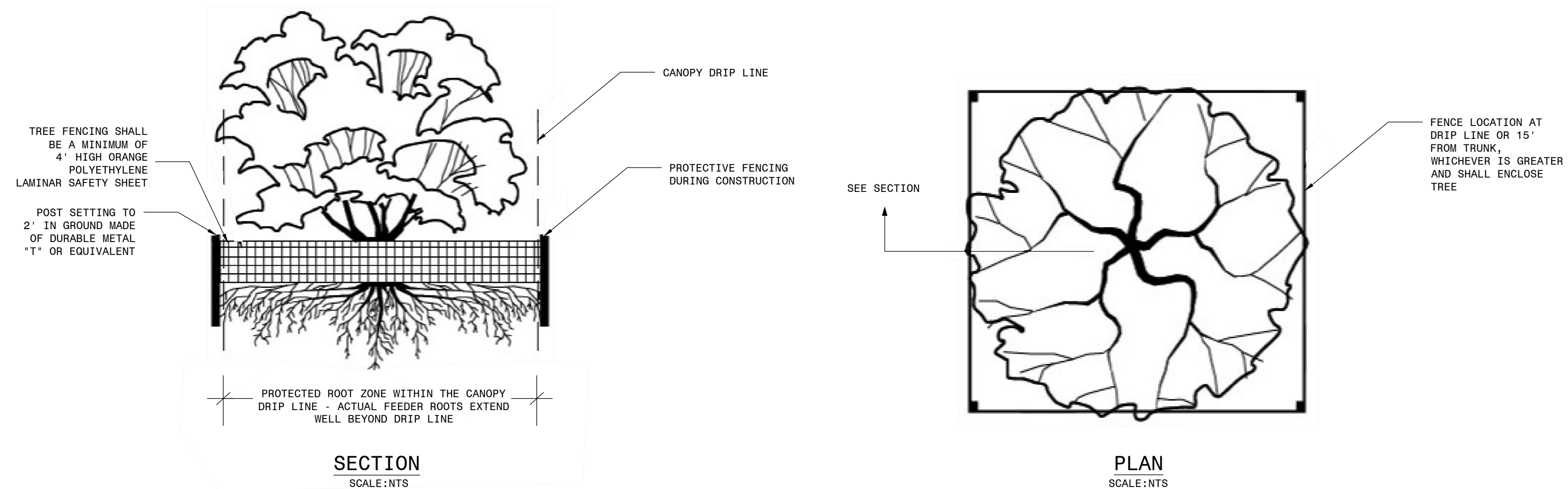
## LEGEND:

EXISTING	PROPOSED
TBM (TEMPORARY BENCH MARK)	WATER VALVE
	FIRE HYDRANT
	PROPOSED WATER MAIN PROFILE
REBAR FOUND	LIMIT OF DISTURBANCE
GROUND CONTOUR	JACK & BORE PIT
LIGHT POLE	STEEL CASINGS
MAIL BOX	OPEN CUT ROAD OR DRIVEWAY PATCH/OVERLAY REQUIRED
ROAD SIGN	TREE PROTECTION
SEWER MANHOLE	SILT FENCE
WATER METER	LIMIT OF DISTURBANCE
FIRE HYDRANT	SEDIMENT TUBE
WATER VALVE	TYPE A INLET PROTECTION
GRATE INLET	"SIDEWALK CLOSED" SIGN SUPPORTED BY SCDOT TYPE 2 BARRICADE
GUY WIRES	TEMPORARY FENCING
POWER POLES	
POWER LINES	
UNDERGROUND FIBER OPTICS	
UNDER GROUND GAS LINE	
EASEMENT LINES	
RIGHT-OF-WAY LINES	
FORCE MAIN	
SANITARY SEWER	
STORM DRAIN	
WATER MAIN	
FENCELINE	

## ABBREVIATIONS:

COG	CITY OF GEORGETOWN PUBLIC WATER UTILITY	UGFO	UNDERGROUND FIBER OPTICS
W&S	WESTON & SAMPSON	HDD	HORIZONTAL DIRECTIONAL DRILL
SCDHEC	SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL	SF	SILT FENCE
SCDOT	SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION	EOP	EDGE OF PAVEMENT
AWWA	AMERICAN WATER WORKS ASSOCIATION	RCP	REINFORCED CONCRETE PIPE (STORM)
TBM	TEMPORARY BENCH MARK	DIP	DUCTILE IRON PIPE
WV	WATER VALVE	HDPE	HIGH DENSITY POLYETHYLENE PIPE
WM	WATER MAIN	PVC	POLYVINYL CHLORIDE
HYD	FIRE HYDRANT	AC	ASBESTOS CEMENT
GV	GAS VALVE	MJ	MECHANICAL JOINT
OHP	OVERHEAD POWER	DBH	DIAMETER BREST HEIGHT
UGE	UNDERGROUND ELECTRIC	DW	DOGWOOD TREE
		GUM	GUM TREE
		HIC	HICKORY TREE
		LO	LIVE OAK TREE
		MAG	MAGNOLIA TREE

## TREE PROTECTION:

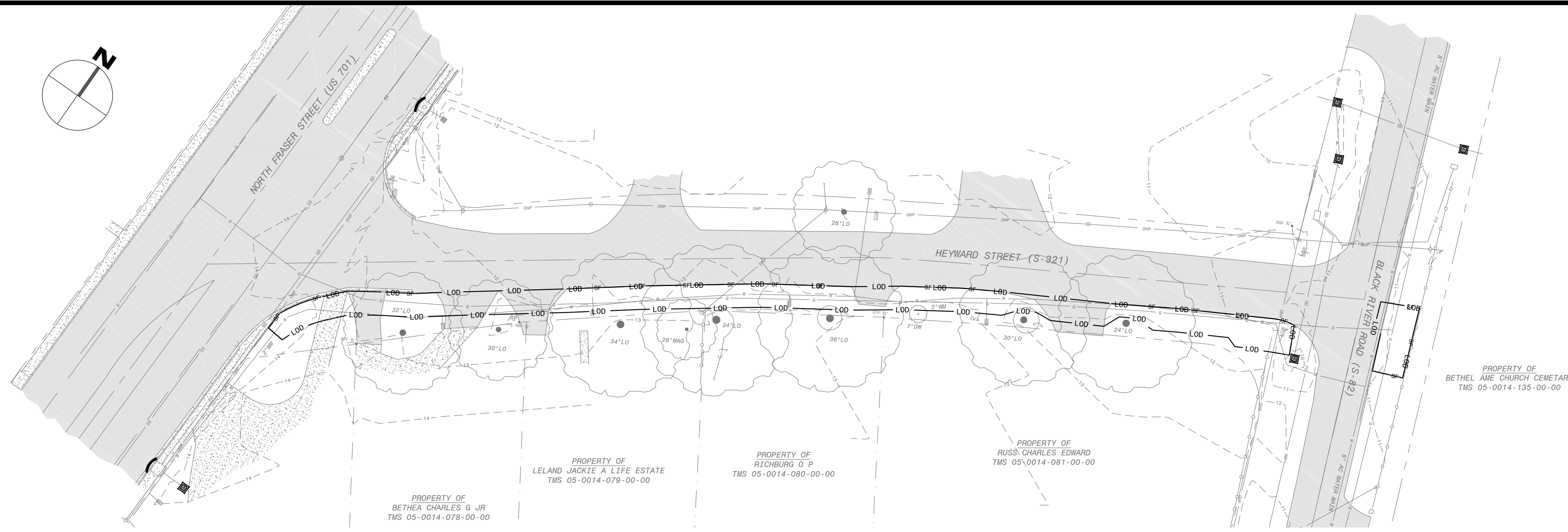


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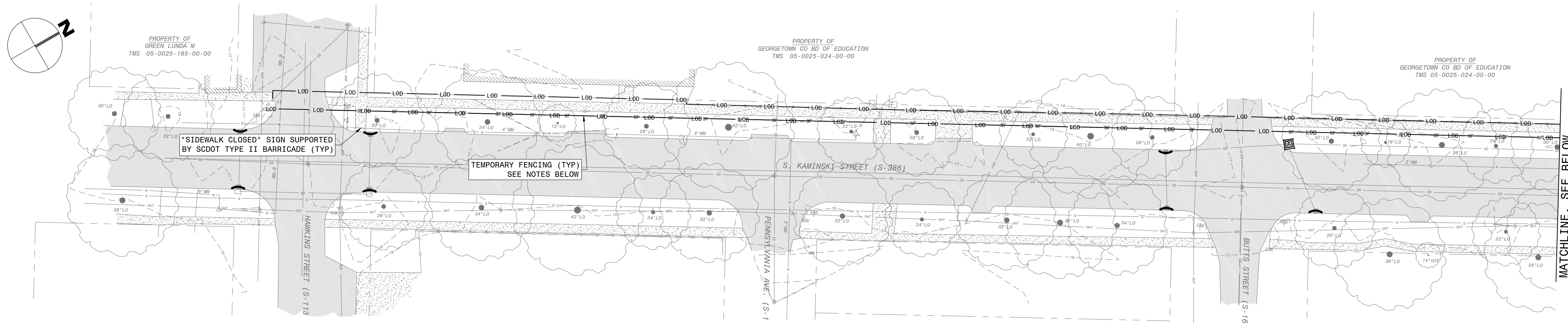
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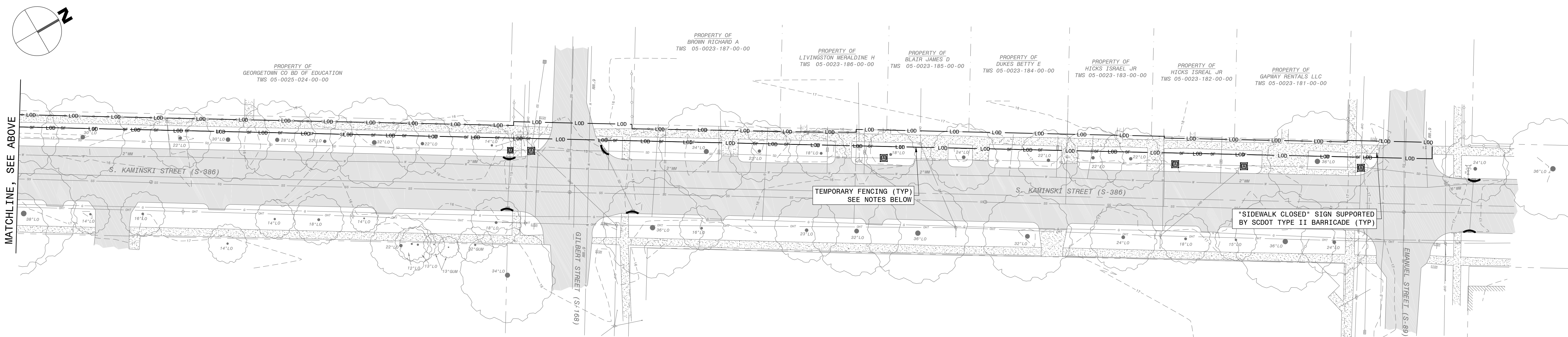




HEYWARD ST. PLAN



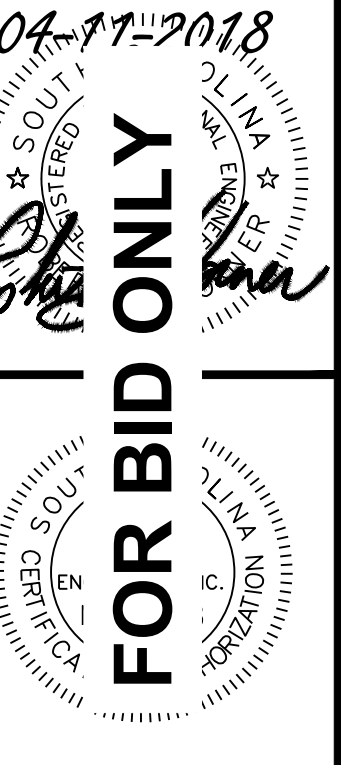
KAMINSKI ST. PLAN, STA 0+00 TO 7+00



KAMINSKI ST. PLAN, STA 7+00 TO 16+00

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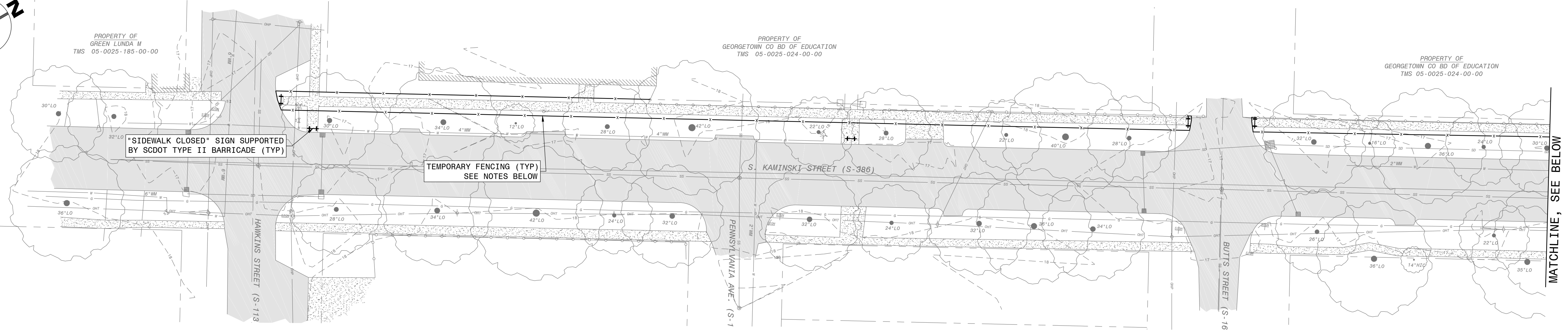
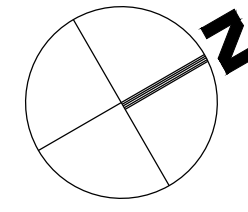
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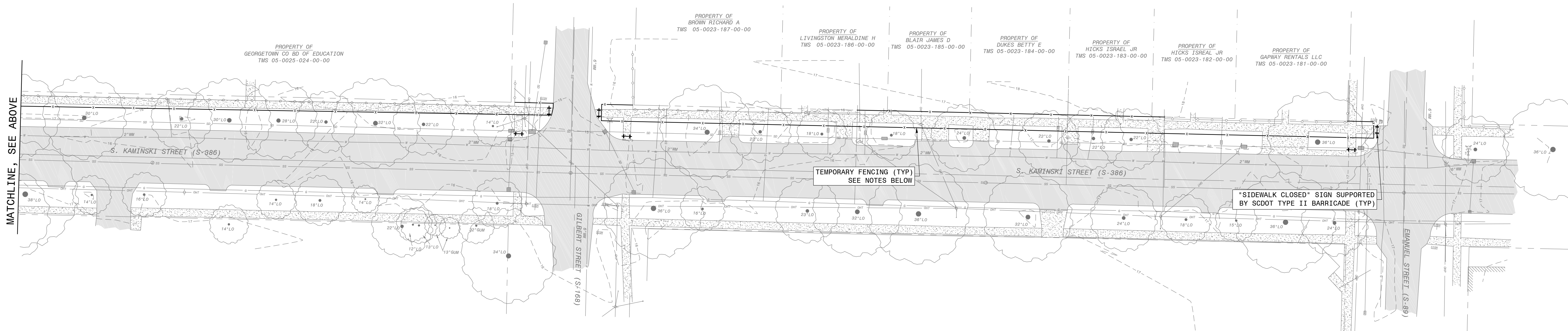
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GEORGETOWN SOUTH CAROLINA  
 CITY OF GEORGETOWN, ENGINEERING DEPARTMENT  
 KAMINSKI STREET AND HEYWARD STREET WATER IMPROVEMENTS  
 SEDIMENT AND EROSION CONTROL PLAN

**C-103**



KAMINSKI ST. PLAN, STA 0+00 TO 7+00



KAMINSKI ST. PLAN, STA 7+00 TO 16+00



- TEMPORARY FENCING NOTES:**
- FENCING SHALL BE A MINIMUM OF 4 FEET HIGH ORANGE POLYETHYLENE LAMINAR SAFETY SHEET.
  - POST SHALL BE SET 2 FEET INTO THE GROUND AND BE MADE OF A DURABLE METAL "T" OR EQUIVALENT.
  - TEMPORARY FENCING SHALL BE IN PLACE AROUND ANY EXCAVATION WHICH HAS THE POTENTIAL FOR PEDESTRIAN TRAFFIC.
- SIGNAGE NOTES:**
- "SIDEWALK CLOSED" SIGNS SHOULD BE INSTALLED AT THE BEGINNING OF THE CLOSED SIDEWALK, AT THE INTERSECTIONS PRECEDING THE CLOSED SIDEWALK, AND ELSEWHERE ALONG THE CLOSED SIDEWALK AS NEEDED.
  - SIGN SHALL BE SUPPORTED BY A SCODOT TYPE II BARRIER.



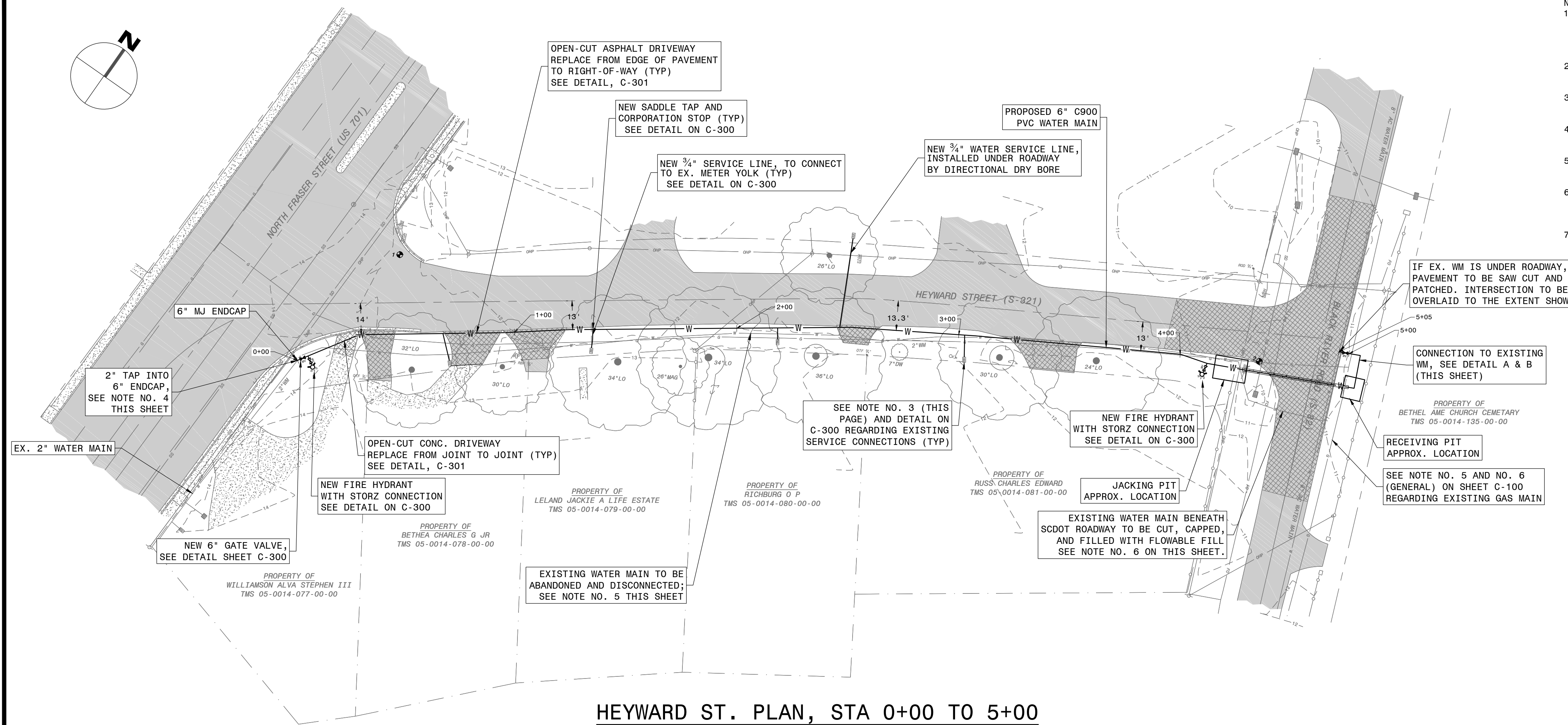
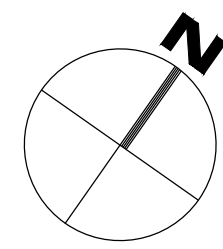
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A	04/11/18	BJG	WRL	RLH	BID SET		

GEORGETOWN SOUTH CAROLINA  
 CITY OF GEORGETOWN, ENGINEERING DEPARTMENT  
 KAMINSKI STREET AND HEYWARD STREET WATER IMPROVEMENTS  
 PEDESTRIAN SAFETY PLAN  
 SCALE: 1" = 30'  
 CONTRACT: \_\_\_\_\_  
 JOB NO. \_\_\_\_\_  
 DRBY: BJJ  
 DSN BY: BJJ  
 CHK BY: WRL  
 APP BY: RLH

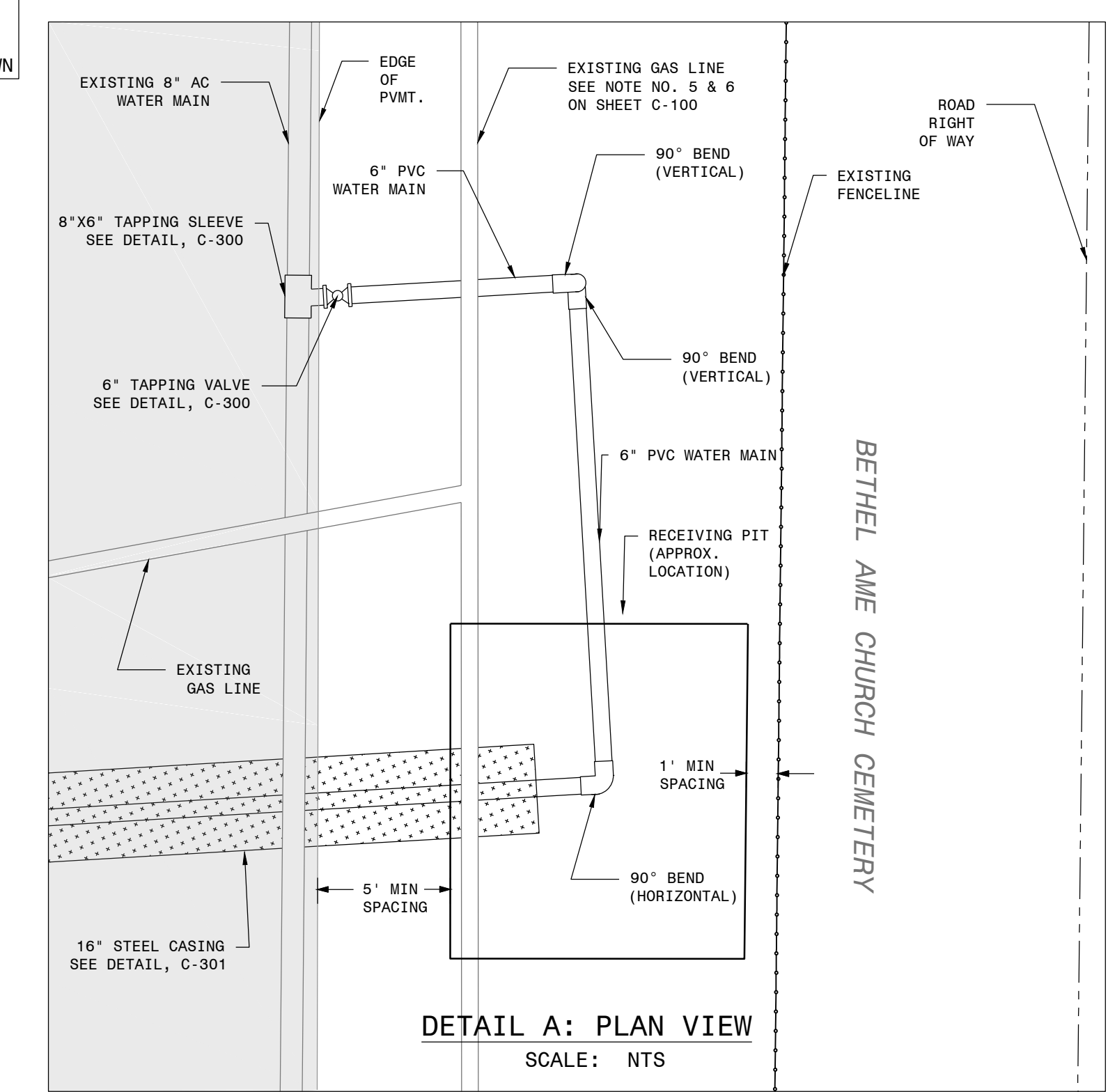
C-104  
 FILE NO. \_\_\_\_\_

P:\SC\_CHARLESTON\DESIGN\GEORGETOWN\2107819 KAMINSKI AND HEYWARD WATER MAINS\04 DESIGN\2107819.DWG PLOTTED 4/9/2018 4:20:04 PM BY Graham, Brian

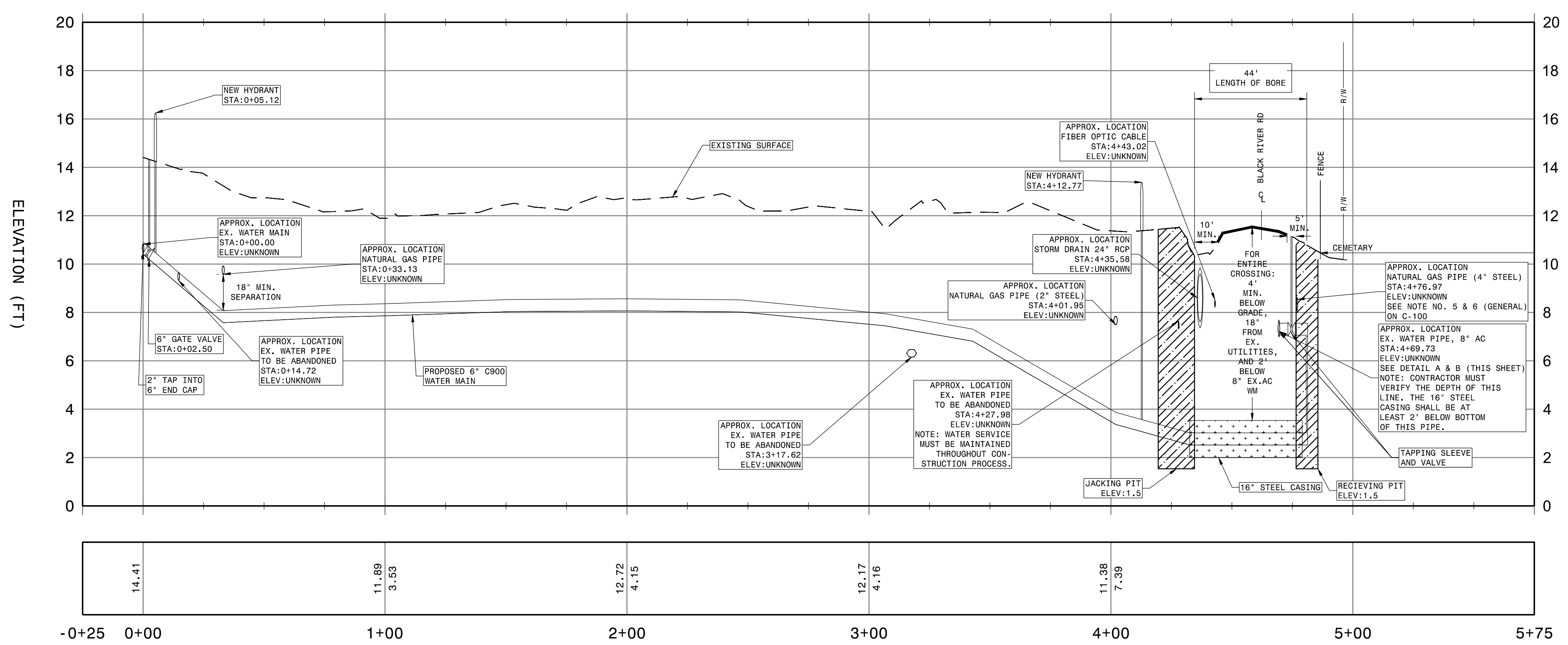


SCALE: 1"=30'

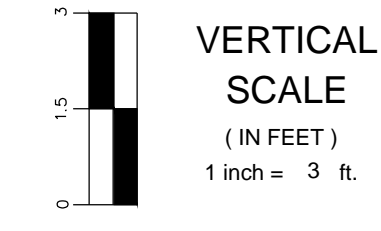
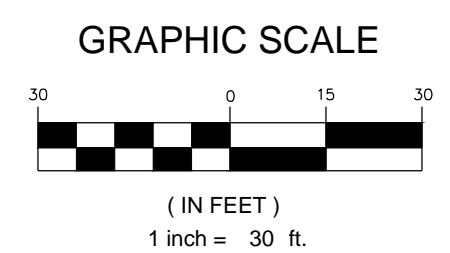
- NOTES:
1. LOCATION OF UNDERGROUND UTILITIES AS SHOWN ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES, AND ANY AND ALL DAMAGES RESULTING FROM FAILURE TO DO SO. CONTACT PALMETTO UTILITY PROTECTION SERVICE (PUPS) AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION FOR LOCATION OF UTILITIES.
  2. A MINIMUM CLEARANCE OF 18" SHALL BE MAINTAINED FROM ALL OTHER EXISTING UTILITIES. THE PROPOSED WATER LINE SHALL PASS ABOVE ANY EXISTING SANITARY SEWER PIPE OR INFRASTRUCTURE.
  3. CONTRACTOR SHALL RE-ESTABLISH CONNECTIONS TO ALL EXISTING WATER SERVICE LINES. SEE DETAIL ON SHEET C-300.
  4. THE EXISTING 2" WATER MAIN SHALL BE CUT AND COUPLED TO THE NEW 6" WATER MAIN AFTER ALL TESTING AND PERMITTING OF THE NEW WATER MAIN HAS BEEN COMPLETED.
  5. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH CITY WATER UTILITY SUPERVISOR FOR ABANDONMENT OF EXISTING PIPE.
  6. ALL EXISTING WATER MAINS (WITH NOMINAL DIAMETER EQUAL TO OR GREATER THAN 4 INCHES) LOCATED BENEATH SCDDOT ROADWAY SHALL BE CUT, CAPPED, FILLED WITH FLOWABLE FILL AND ABANDONED. FLOWABLE FILL SPECIFICATIONS AND THE METHODS USED FOR COMPLETION OF THIS TASK SHALL FOLLOW SCDDOT STANDARDS.
  7. IF ANYTHING UNEXPECTED IS ENCOUNTERED DURING EXCAVATION NEAR THE CEMETERY, WORK SHALL STOP AND THE OWNER SHALL BE CONSULTED BEFORE WORK CONTINUES.



SCALE: NTS



HORIZONTAL SCALE: 1"=30'  
VERTICAL SCALE: 1"=3'

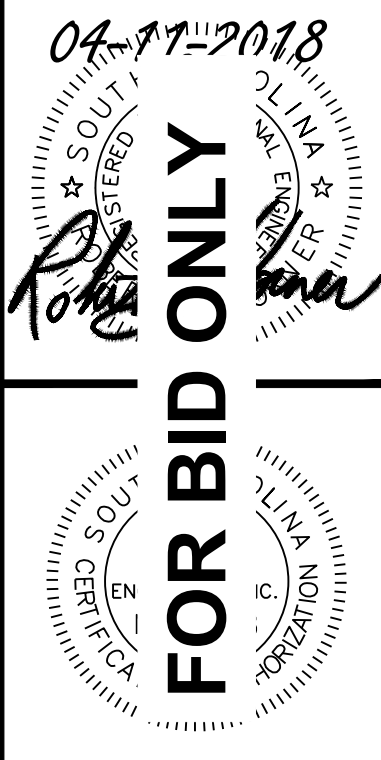


VERTICAL SCALE  
(IN FEET)  
1 inch = 3 ft.

TEMPORARY BENCH MARKS (TBM)			
NO.	NORTHING (FT)	EASTING (FT)	ELEVATION (FT)
1	567219.82	2522705.87	12.76
2	567402.15	2523050.28	10.79

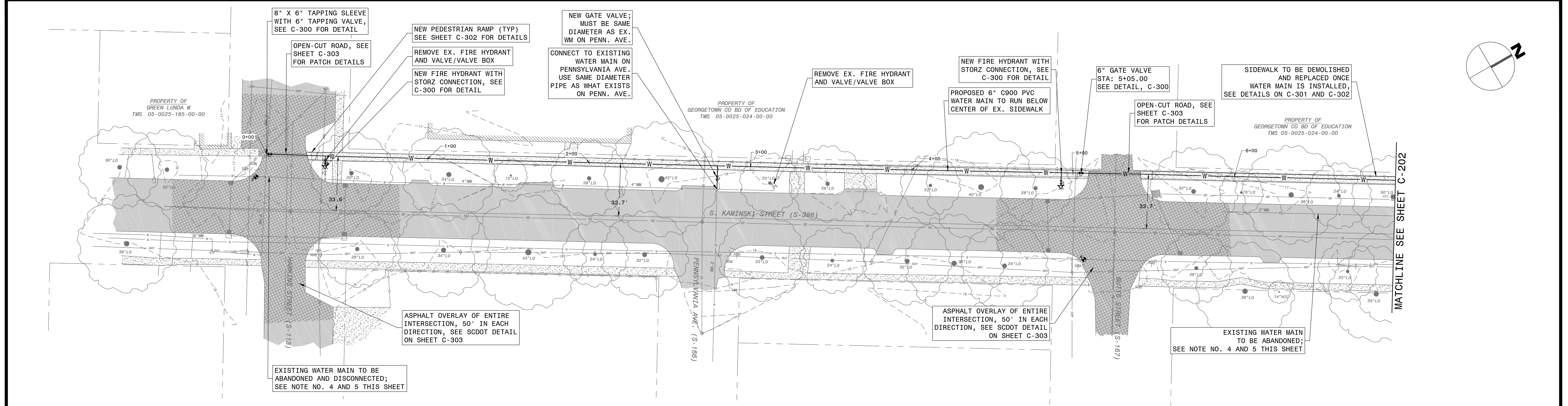
NOTE: TBMS WERE DETERMINED BY GPS ROVER IN CONNECTION WITH SOUTH CAROLINA'S REAL TIME NETWORK (RTN) VIA VIRTUAL RELAY STATIONS (VRS). ACCURACY: +/- 0.05' HORIZONTAL, +/- 0.10' VERTICAL. HORIZONTAL DATUM IS NAD83 AND VERTICAL DATUM IS NAVD88.

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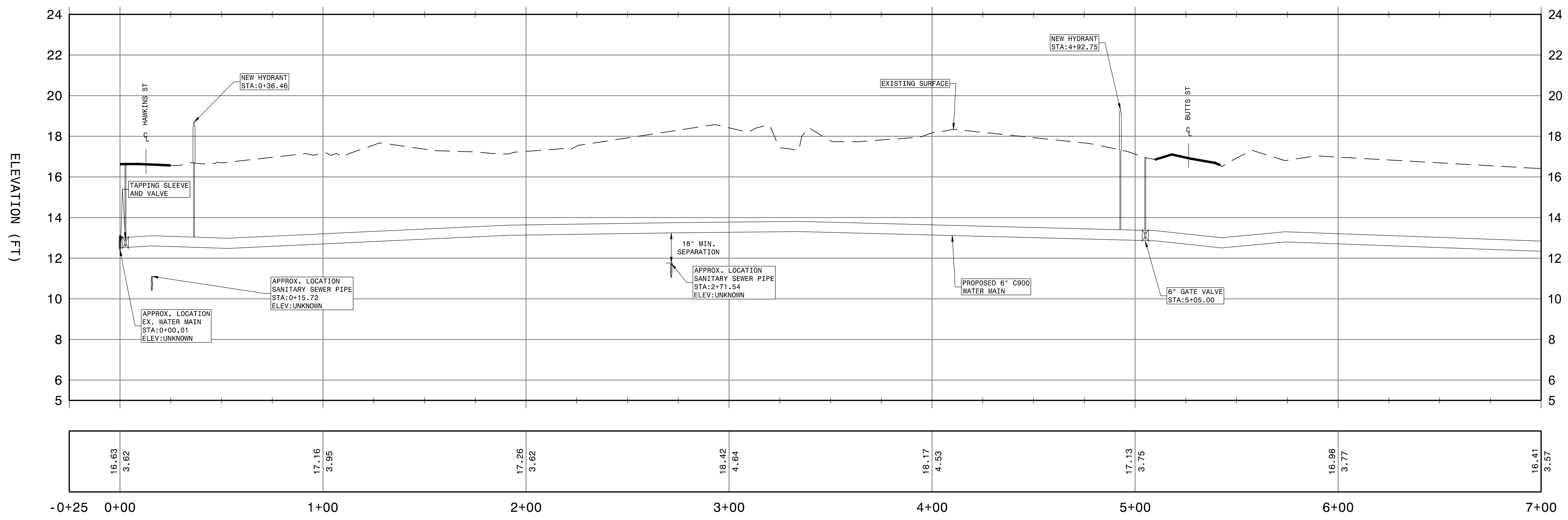


No.	Date	Dr/By	Chk/By	App/By	Description
A	04/11/18	BJG	WRL	RLH	BID SET

CADD NO.	SCALE	CONTRACT	JOB NO.	DR BY	CHK BY	APP BY
	1"=30'			BJG	WRL	RLH

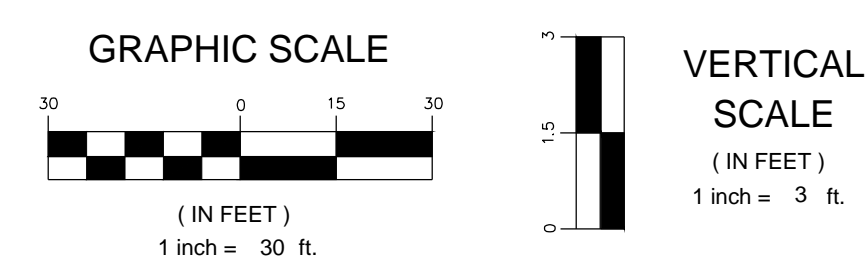


**KAMINSKI ST. PLAN, STA 0+00 TO 7+00**  
SCALE: 1"=30'



**KAMINSKI ST. PROFILE, STA -0+25 TO 7+00**  
HORIZONTAL SCALE: 1"=30'  
VERTICAL SCALE: 1"=3'

- NOTES:**
1. LOCATION OF UNDERGROUND UTILITIES AS SHOWN ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES, AND ANY AND ALL DAMAGES RESULTING FROM FAILURE TO DO SO. CONTACT PALMETTO UTILITY PROTECTION SERVICE (PUPS) AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION FOR LOCATION OF UTILITIES.
  2. A MINIMUM CLEARANCE OF 18" SHALL BE MAINTAINED FROM ALL OTHER EXISTING UTILITIES. THE PROPOSED WATER LINE SHALL PASS ABOVE ANY EXISTING SANITARY SEWER PIPE OR INFRASTRUCTURE.
  3. CONTRACTOR SHALL RE-ESTABLISH CONNECTIONS TO ALL EXISTING WATER SERVICE LINES. SEE DETAIL ON SHEET C-300.
  4. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH CITY WATER UTILITY SUPERVISOR FOR ABANDONMENT OF EXISTING PIPE.
  5. ALL EXISTING WATER MAINS (WITH NOMINAL DIAMETER EQUAL TO OR GREATER THAN 4 INCHES) LOCATED BENEATH SCDOT ROADWAY THAT ARE TO BE ABANDONED SHALL BE CUT, CAPPED, AND FILLED WITH FLOWABLE FILL. SPECIFICATIONS AND THE METHODS USED FOR COMPLETION OF THIS TASK SHALL FOLLOW SCDOT STANDARDS.



**TEMPORARY BENCH MARKS (TBM)**

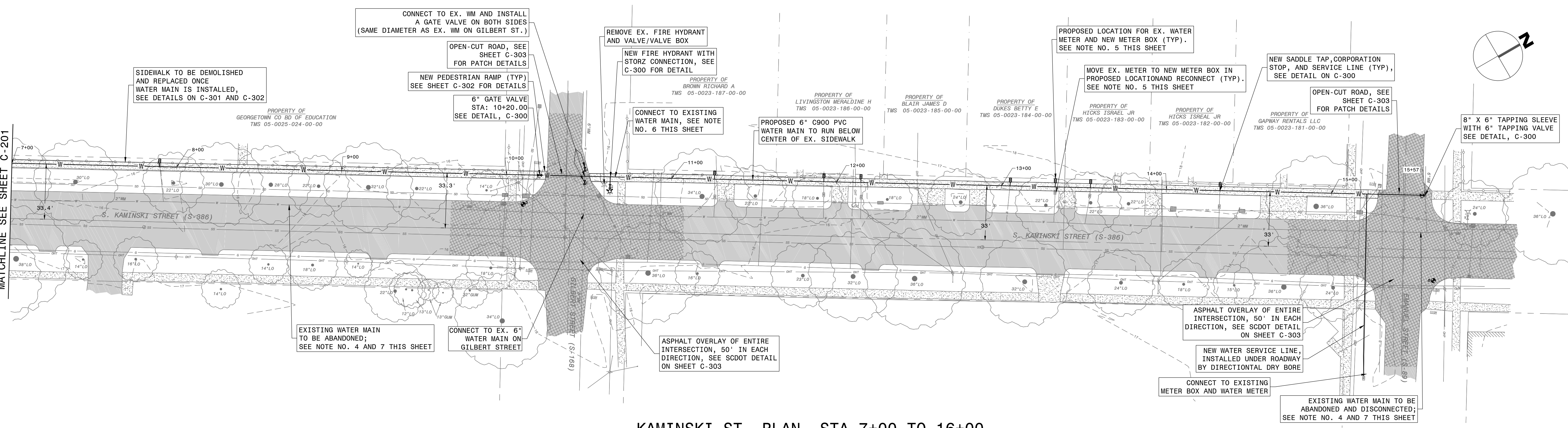
NO.	NORTHING (FT)	EASTING (FT)	ELEVATION (FT)
3	562159.66	2519649.53	16.82
4	562578.58	2519950.57	16.92

NOTE: TBMS WERE DETERMINED BY GPS ROVER IN CONNECTION WITH SOUTH CAROLINA'S REAL TIME NETWORK (RTN) VIA VIRTUAL RELAY STATIONS (VRS). ACCURACY: +/- 0.05' HORIZONTAL, +/- 0.10' VERTICAL. HORIZONTAL DATUM IS NAD83 AND VERTICAL DATUM IS NAVD88.

P:\SC CHARLESTON\DESIGN\GEORGETOWN SOUTH CAROLINA\ENGINEERING DEPARTMENT\KAMINSKI ST\KAMINSKI ST.dwg 04/11/18 10:22:29 PM BY GABRIEL.BRIN

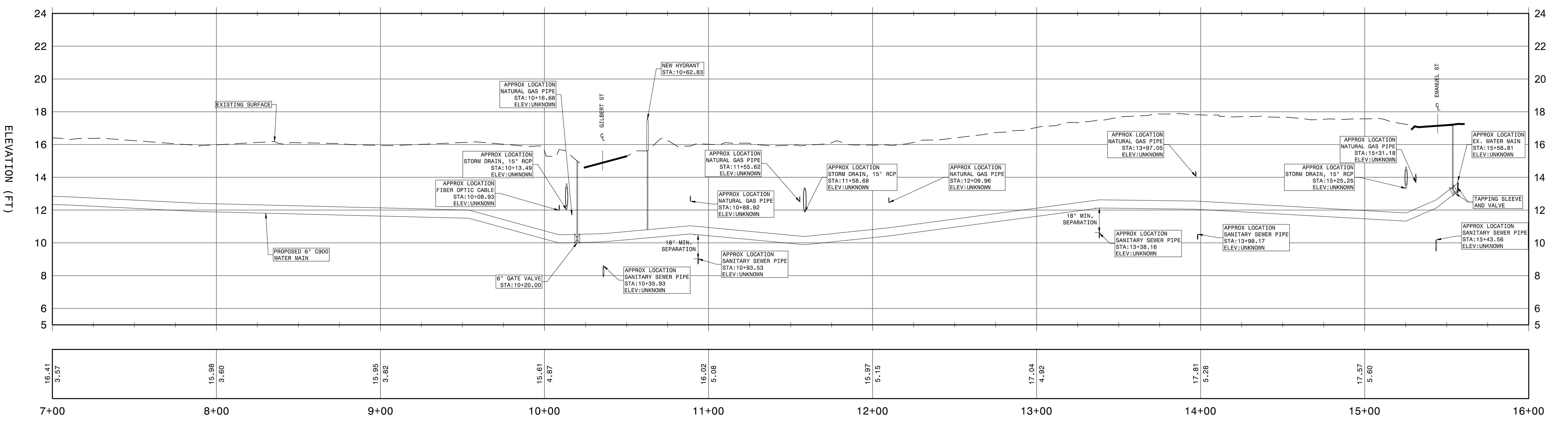
APPBY	CHKBY	DRBY	DSNBY	APPBY	RLH	BJG	WRL	RLH	BID SET	Description
A										

MATCHLINE SEE SHEET C-201



**KAMINSKI ST. PLAN, STA 7+00 TO 16+00**

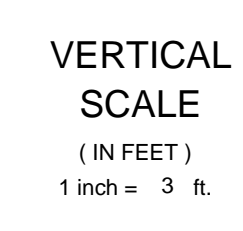
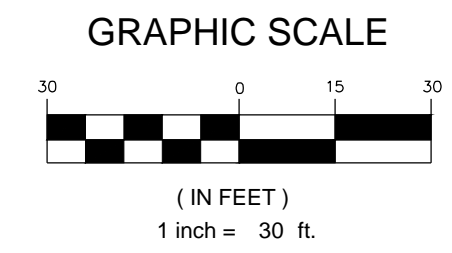
SCALE: 1"=30'



**KAMINSKI ST. PROFILE, STA 7+00 TO 16+00**

HORIZONTAL SCALE: 1"=30'  
VERTICAL SCALE: 1"=3'

- NOTES:**
- LOCATION OF UNDERGROUND UTILITIES AS SHOWN ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES, AND ANY AND ALL DAMAGES RESULTING FROM FAILURE TO DO SO. CONTACT PALMETTO UTILITY PROTECTION SERVICE (PUPS) AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION FOR LOCATION OF UTILITIES.
  - A MINIMUM CLEARANCE OF 18" SHALL BE MAINTAINED FROM ALL OTHER EXISTING UTILITIES. THE PROPOSED WATER LINE SHALL PASS ABOVE ANY EXISTING SANITARY SEWER PIPE OR INFRASTRUCTURE.
  - CONTRACTOR SHALL RE-ESTABLISH CONNECTIONS TO ALL EXISTING WATER SERVICE LINES. SEE DETAIL ON SHEET C-300.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH CITY WATER UTILITY SUPERVISOR FOR ABANDONMENT OF EXISTING PIPE.
  - ALONG KAMINSKI STREET, NEW METER BOXES SHALL BE INSTALLED (SEE SHEET C-300 FOR DETAIL) IN THE PROPOSED LOCATION SHOWN. EXISTING WATER METERS SHALL BE USED INSIDE OF THE NEW METER BOXES.
  - THE EXISTING WATER MAIN ALONG GILBERT STREET SHALL BE CUT AND CONNECTED TO THE NEW 6" WATER MAIN.
  - ALL EXISTING WATER MAINS (WITH NOMINAL DIAMETER EQUAL TO OR GREATER THAN 4 INCHES) LOCATED BENEATH SCDOT ROADWAY THAT ARE TO BE ABANDONED SHALL BE CUT, CAPPED, AND FILLED WITH FLOWABLE FILL. SPECIFICATIONS AND THE METHODS USED FOR COMPLETION OF THIS TASK SHALL FOLLOW SCDOT STANDARDS.



TEMPORARY BENCH MARKS (TBM)			
NO.	NORTHING (FT)	EASTING (FT)	ELEVATION (FT)
5	563026.41	2520181.08	15.57
6	563480.97	2520496.89	17.29

NOTE: TBMS WERE DETERMINED BY GPS ROVER IN CONNECTION WITH SOUTH CAROLINA'S REAL TIME NETWORK (RTN) VIA VIRTUAL RELAY STATIONS (VRS). ACCURACY: +/- 0.05' HORIZONTAL, +/- 0.10' VERTICAL. HORIZONTAL DATUM IS NAD83 AND VERTICAL DATUM IS NAVD88.

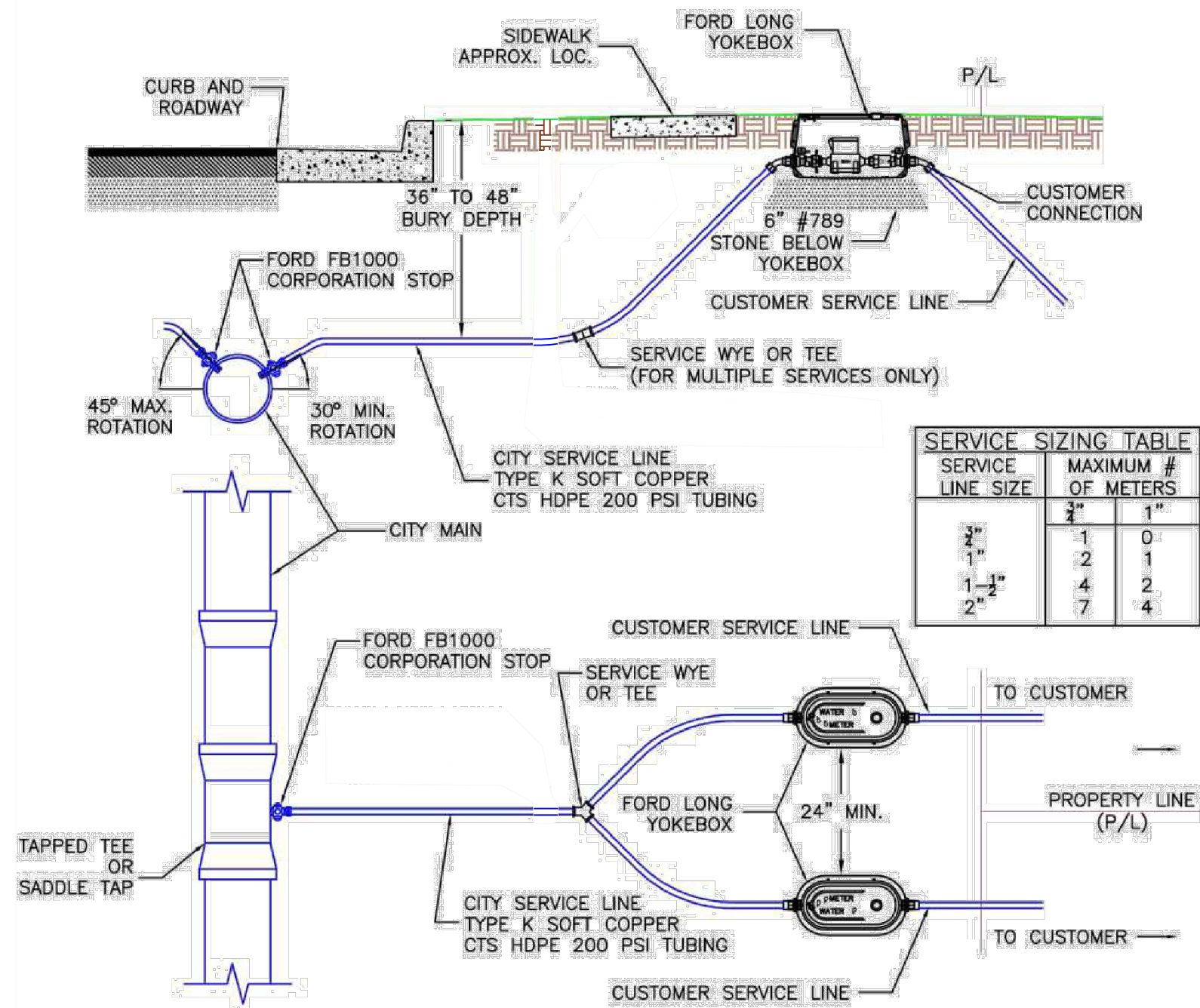
04-11-2018  
**FOR BID ONLY**

No.	Date	By	Description
A	04/11/18	BJG	WRL
		Dir. By	Chk. By / App. By

GEORGETOWN SOUTH CAROLINA  
CITY OF GEORGETOWN, ENGINEERING DEPARTMENT  
KAMINSKI STREET AND HEYWARD STREET WATER IMPROVEMENTS  
KAMINSKI STREET STA 7+00 TO STA 16+00 PLAN  
SCALE: 1"=30'

**C-202**





SERVICE LINE SIZE	MAXIMUM # OF METERS
3/4"	1
1"	2
1 1/4"	4
1 1/2"	7

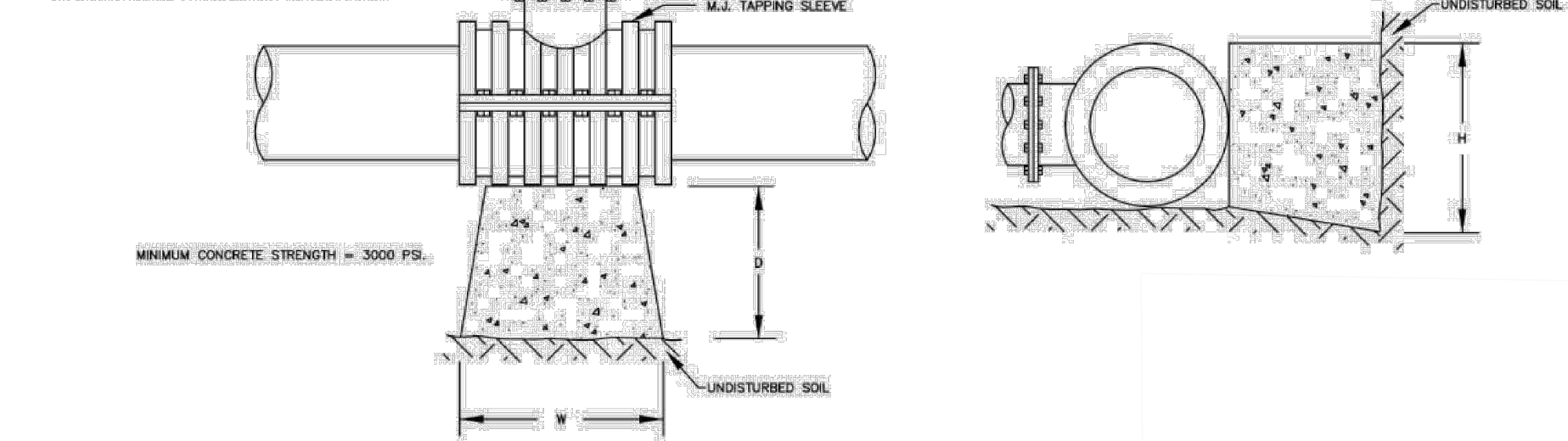
**GENERAL NOTES:**

- REFER TO STANDARD DETAIL "TYPICAL TRENCH" AND "UTILITY MAIN IN PAVED DRIVE" FOR BEDDING REQUIREMENTS.
- ALL PROPERTIES SHALL BE SERVED BY AT LEAST ONE INDIVIDUAL AND SEPARATE METER.
- NO MORE THAN TWO PROPERTIES MAY BE SERVED FROM A SINGLE TAP ON THE CITY MAIN
- WATER METER REMOTE READ NODES SHALL BE:
  - SUPPLIED BY THE CITY
  - IRON WATER METER NODE W/IRON I/O CABLE, MODEL 1025X42G21
  - IRON WATER MODULE LID LOCK & ADAPTOR KIT, MODEL CT-NO-0089
- METERS SHALL BE:
  - SUPPLIED BY THE CITY
  - BADGER RECORDALL DISC METERS
    - 3/4" METER - MODEL 25
    - 1" METER - MODEL 55
- METER BOXES SHALL BE:
  - LOCATED IN AREAS NOT SUBJECT TO VEHICULAR TRAFFIC
  - FORD LONG YOKEBOX
    - 3/4" METER - LYLB-244-244-TP-NL
    - 1" METER - LYLB-144-444-TP-NL

CITY OF GEORGETOWN, SC		
STANDARD DETAIL 3/4" & 1" WATER SERVICE		
UPDATED	SCALE	NO.
	N.T.S.	
DRAWN	CHECKED	

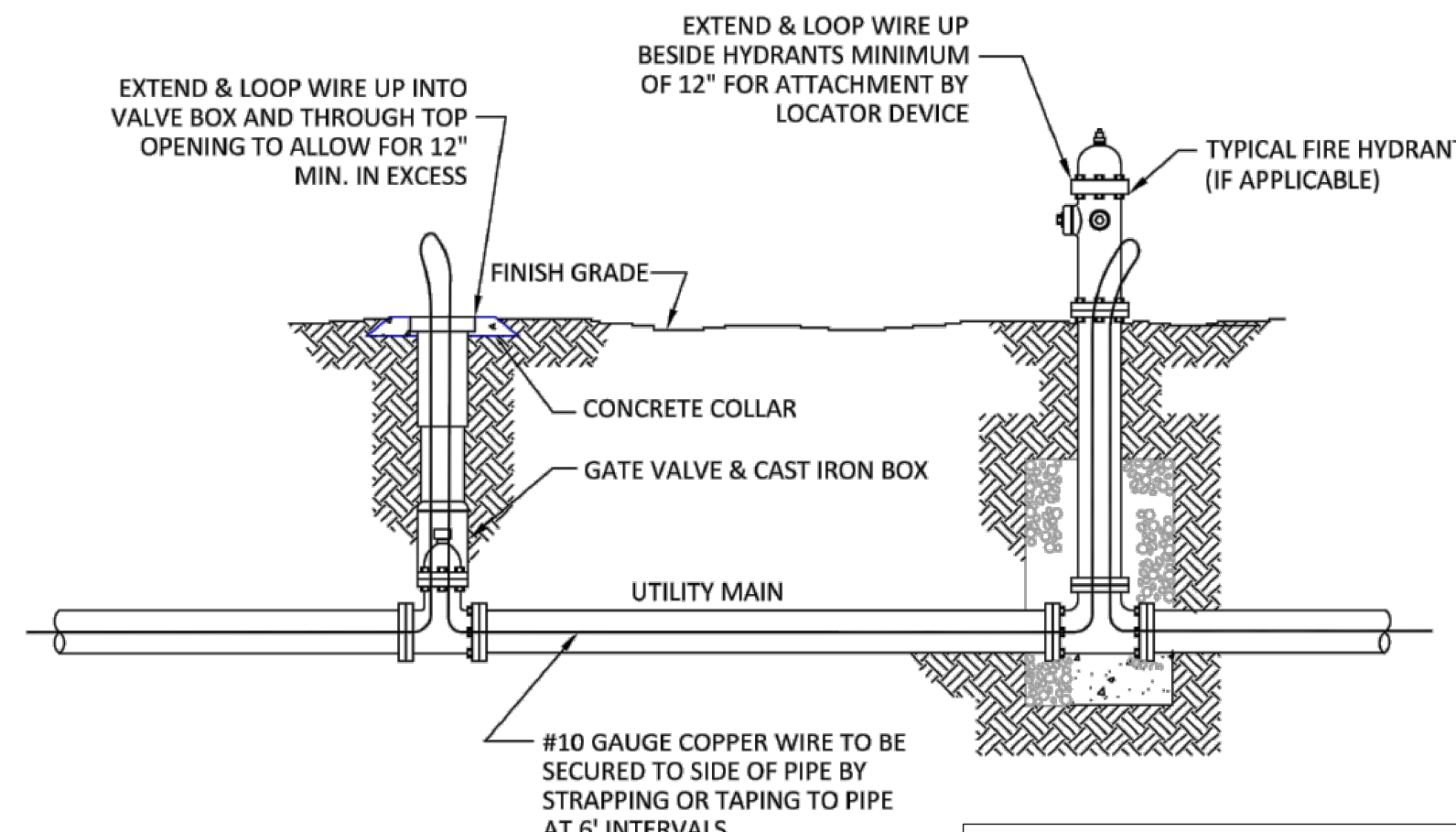
**NOTES:**

- TAPPING SADDLES ARE NOT ALLOWED FOR MAIN-ON-MAIN TAPS.
- REFER TO CITY OF GEORGETOWN MIN. STANDARDS FOR APPROVED INSTALLATION REQUIREMENTS.
- THE FOLLOWING TAPPING SLEEVES ARE APPROVED PRODUCTS:
  - 4" THROUGH 24" - MUELLER 44-815 OR AMERICAN FLOW CONTROL SERIES 2800.
  - 30" THROUGH 36" - AMERICAN FLOW CONTROL SERIES 2800 OR JCM 414 FABRICATED MECHANICAL JOINT WITH FUSION BONDED EPOXY COATING.
- BOLTS AND NUTS FOR TAPPING SLEEVES SHALL BE AS STATED IN SECTION 9 OF THE MINIMUM STANDARDS.
- USE THRUST BLOCKING ONLY FOR WET TAPS UNLESS OTHERWISE APPROVED BY CITY OF GEORGETOWN.
- DEPTH FROM GROUND SURFACE TO TOP OF BLOCKING SHALL BE GREATER THAN HEIGHT OF BLOCKING.
- THE END OF THE TAPPING SLEEVE SHALL BE NO CLOSER THAN 4 FEET TO A JOINT.



TYPICAL TAPPING SLEEVE  
NOT TO SCALE

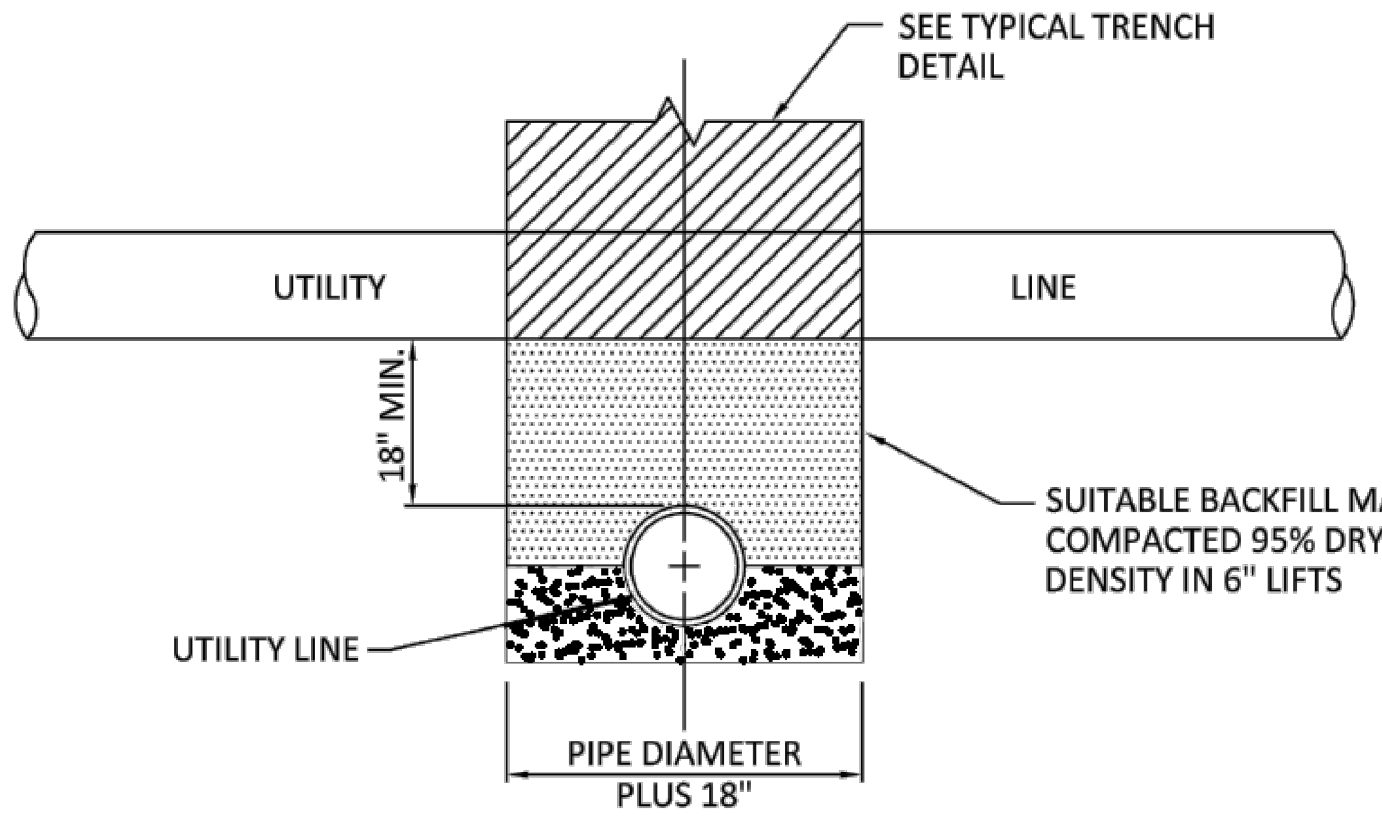
CITY OF GEORGETOWN, SC		
STANDARD DETAIL TAPPING SLEEVE & VALVE		
UPDATED	SCALE	NO.
	N.T.S.	
DRAWN	CHECKED	



**GENERAL NOTES:**

- FIRE HYDRANT SHALL BE MUELLER 423 (5 1/4")
- ALL HYDRANTS SHALL BE PAINTED RED AND OPEN LEFT.

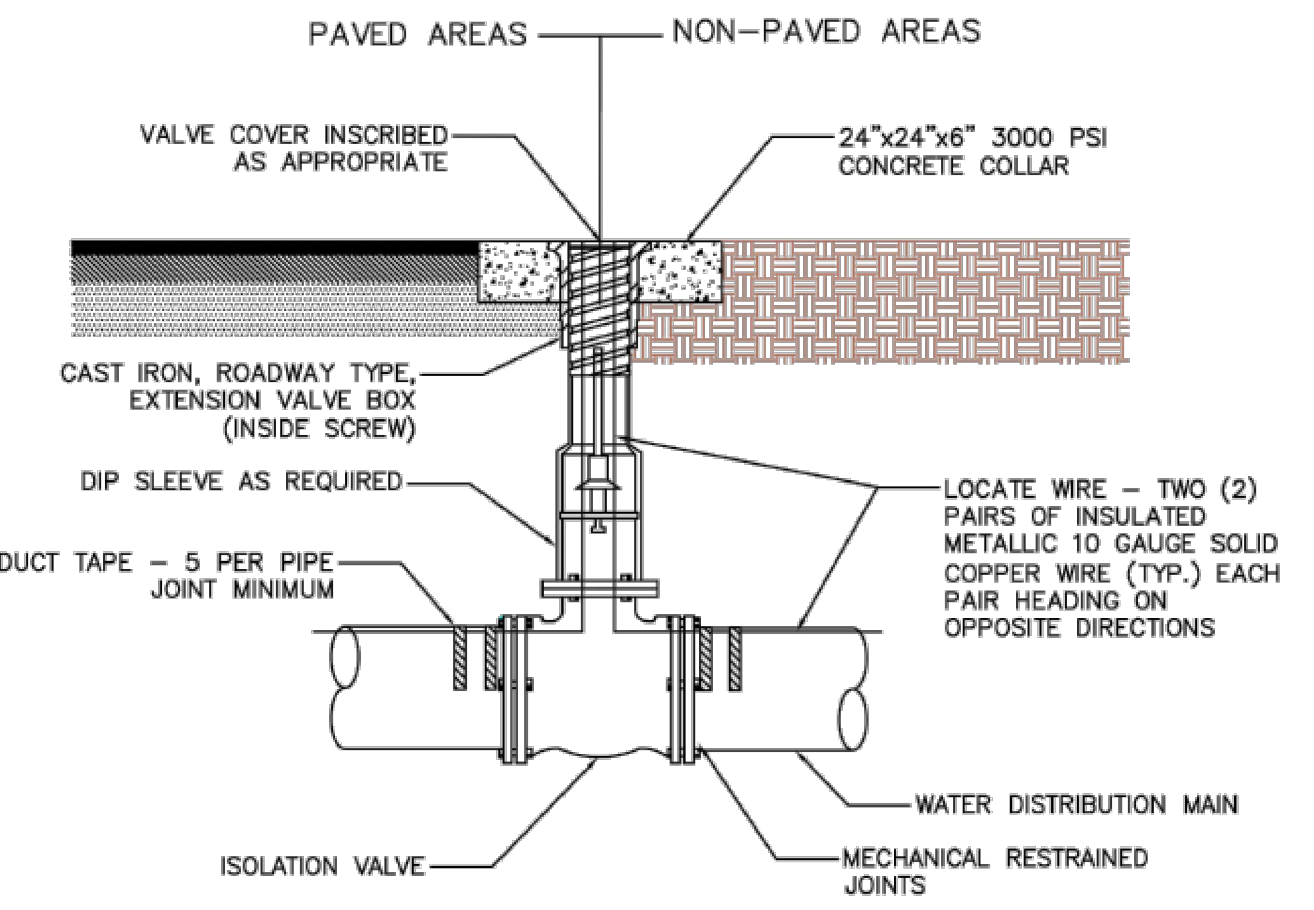
CITY OF GEORGETOWN, SC		
TYPICAL LOCATOR WIRE INSTALLATION-SECTION		
UPDATED	SCALE	NO.
	N.T.S.	
DRAWN	CHECKED	



**NOTES:**

- UTILITY LINES IN THIS DRAWING CONSIST OF WATER, WASTEWATER, AND STORMWATER LINES.
- WATER LINE AND WASTEWATER UTILITY LINE SHALL BE PVC UNLESS VERTICAL SEPARATION DISTANCE BETWEEN LINES ARE LESS THAN 18", THEN USE DIP.
- ALL UTILITY LINES SHALL BE CENTERED TO ALLOW FOR THE GREATEST DISTANCE BETWEEN PIPE JOINTS.
- MATERIAL BETWEEN LINES SHALL BE COMPACTED TO PREVENT SETTLING OF ABOVE PIPING.

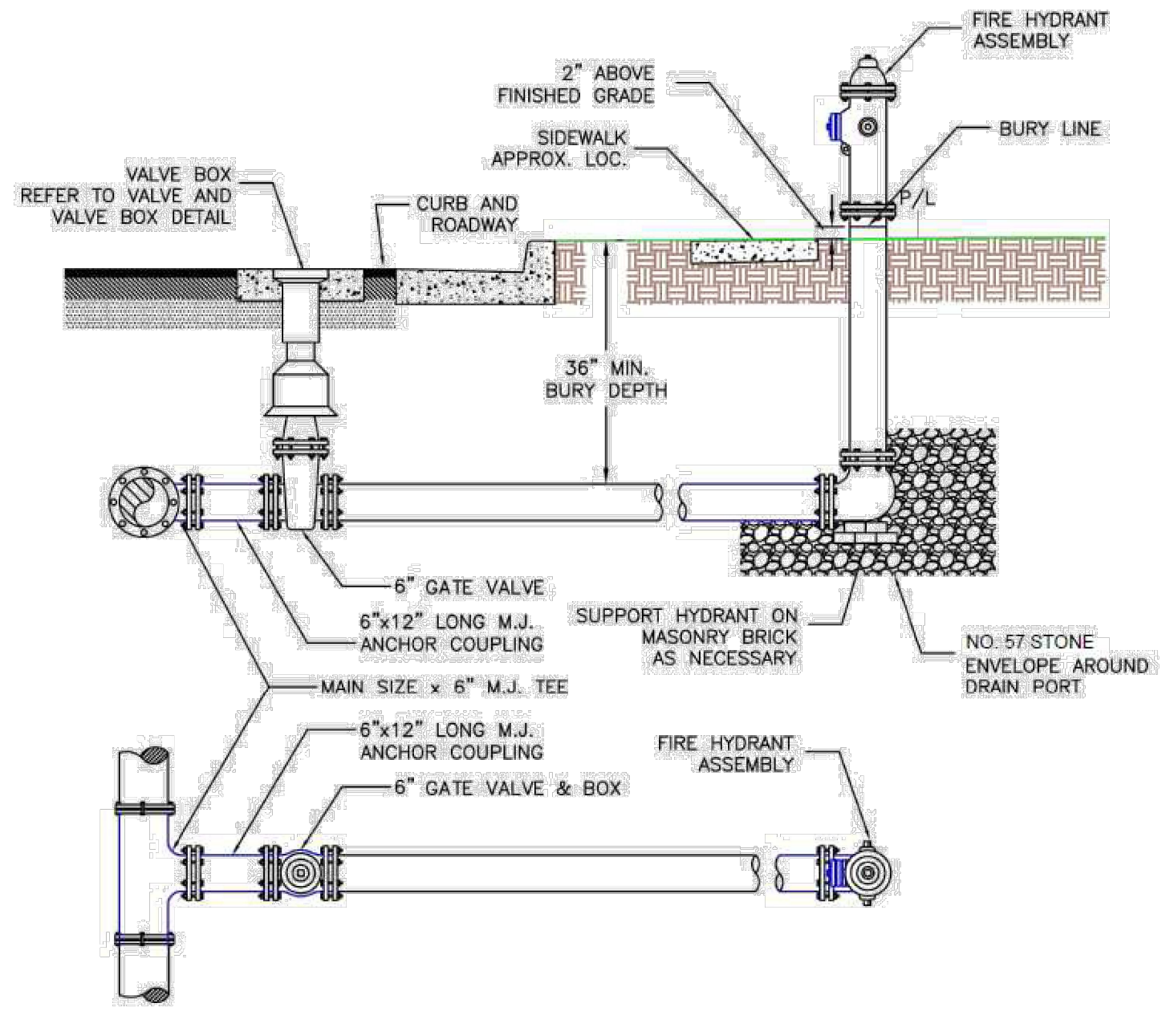
CITY OF GEORGETOWN, SC		
UTILITY LINE CROSSING NO. 1		
UPDATED	SCALE	NO.
	N.T.S.	
DRAWN	CHECKED	



**GENERAL NOTES:**

- REFER TO STANDARD TRENCH DETAILS FOR BEDDING AND BACKFILL REQUIREMENTS.
- ISOLATION VALVES SHALL BE:
  - MUELLER SQUARE NUT FOR VALVES 2" AND GREATER THAN 2"
  - HAMMOND FOR VALVES LESS THAN 2"
- ALL JOINTS SHALL BE MECHANICALLY RESTRAINED. THRUST BLOCK ARE NOT PERMITTED.
- OPERATING NUT SHALL BE WITHIN 12" OF GRADE. EXTENSION TO BE PROVIDED AS REQUIRED.
- VALVE EXTENSION SHALL BE MECHANICALLY ATTACHED AND SHALL HAVE A STAINLESS STEEL PIN AT THE VALVE AND SHEAR PIN ONLY AT THE OPERATING NUT.
- EXTENSION ON VALVE BOX SHALL BE SET TO RESERVE 1/2 OF THE ADJUSTMENT LENGTH FOR FUTURE USE.
- LOCATING WIRES:
  - ALL PVC PIPE SHALL REQUIRE TWO PAIRS OF INSULATED METALLIC LOCATING WIRES (10 GAUGE SOLID COPPER) TAPED WITH 2" WIDE DUCT TAPE TO TOP CENTERLINE OF THE PIPE AT EVERY JOINT AND AT 4 ADDITIONAL EQUALLY SPACED POINTS PER LENGTH OF PIPE.
  - LOCATING WIRES TO TERMINATE 4" ABOVE VALVE BOX AND FOLDED BACK INSIDE BOX AND PLUGGED PIPE AND PLUGGED.
  - LOCATING WIRES SHALL BE CAPABLE OF DETECTION BY A CABLE LOCATOR AND PASS A FIELD CONDUCTIVITY TEST, OBSERVED BY THE CITY, FROM END TO END OF WIRES.
  - SPLICES SHALL BE CAPABLE OF COMPLETE SUBMERSION, SUCH AS BUTT SPLICE WITH RAYCHEM HEAT SHRINK TUBING.
  - NO MORE THAN ONE SPLICE IN LOCATING WIRES BETWEEN VALVES IS ALLOWED.

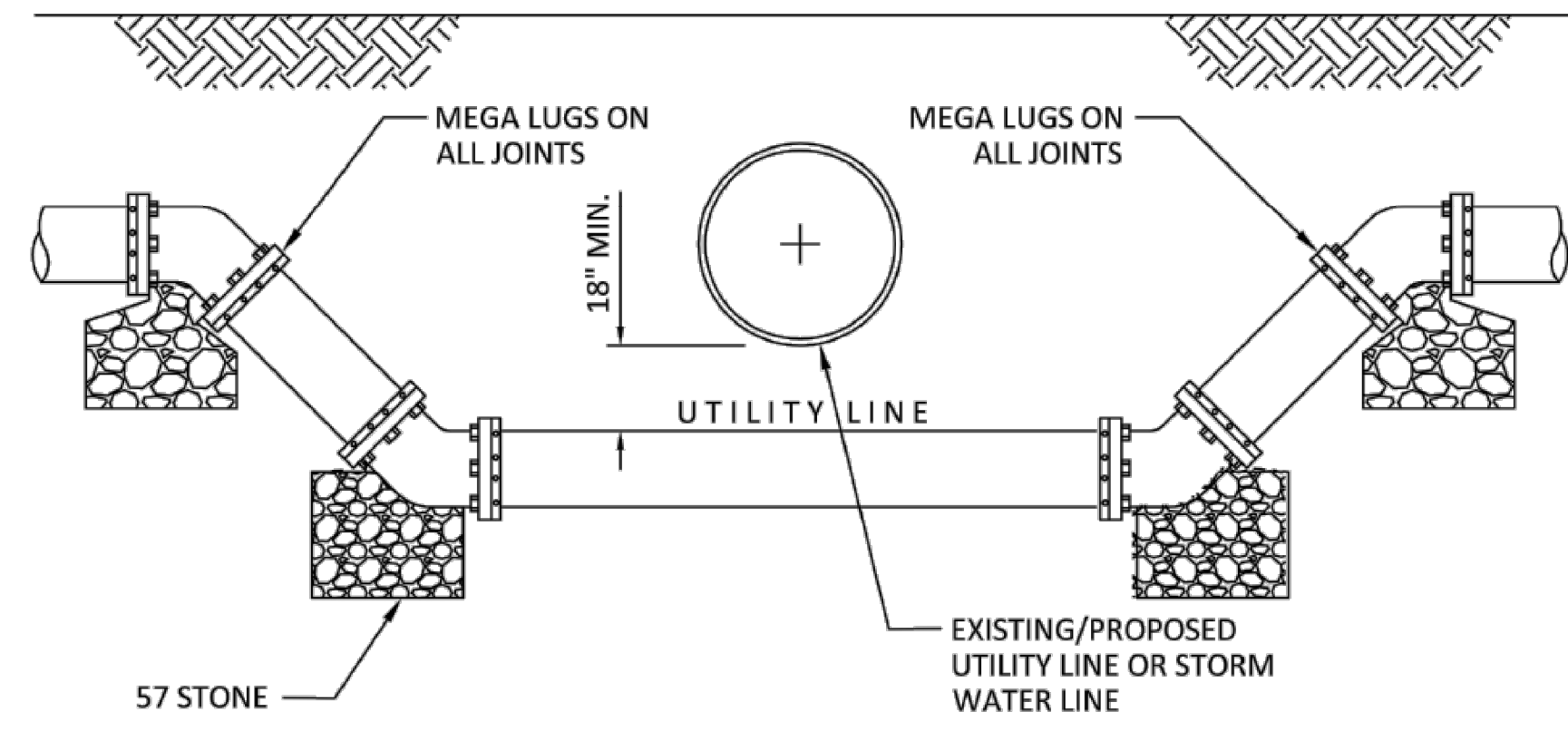
CITY OF GEORGETOWN, SC		
STANDARD DETAIL ISOLATION VALVE & VALVE BOX		
UPDATED	SCALE	NO.
	N.T.S.	
DRAWN	CHECKED	



**GENERAL NOTES:**

- REFER TO STANDARD DETAIL "TYPICAL TRENCH" AND "UTILITY MAIN IN PAVED DRIVE" FOR BEDDING REQUIREMENTS.
- FIRE HYDRANTS ASSEMBLY SHALL BE MUELLER SUPER CENTURION A423-5-1/4" FIRE HYDRANT ASSEMBLY WITH INTEGRAL STORZ PUMPER CONNECTION ON THE PUMPER NOZZLE. OR APPROVED EQUAL.
- PROVIDE A MINIMUM OF 36" CLEAR SPACE AROUND ALL HYDRANTS.
- SET HYDRANT WITH PUMPER NOZZLE FACING THE STREET AND BURY LINE 2" ABOVE FINISHED GRADE.
- ISOLATION VALVE SHALL BE MUELLER SQUARE NUT 6" MECHANICAL JOINT, RESILIENT SEAT GATE VALVE WITH VALVE BOX. REFER TO STANDARD DETAIL "ISOLATION VALVE AND VALVE BOX".
- ALL JOINTS SHALL BE MECHANICALLY RESTRAINED. THRUST BLOCK ARE NOT PERMITTED.

CITY OF GEORGETOWN, SC		
STANDARD DETAIL FIRE HYDRANT		
UPDATED	SCALE	NO.
	N.T.S.	
DRAWN	CHECKED	



**NOTES:**

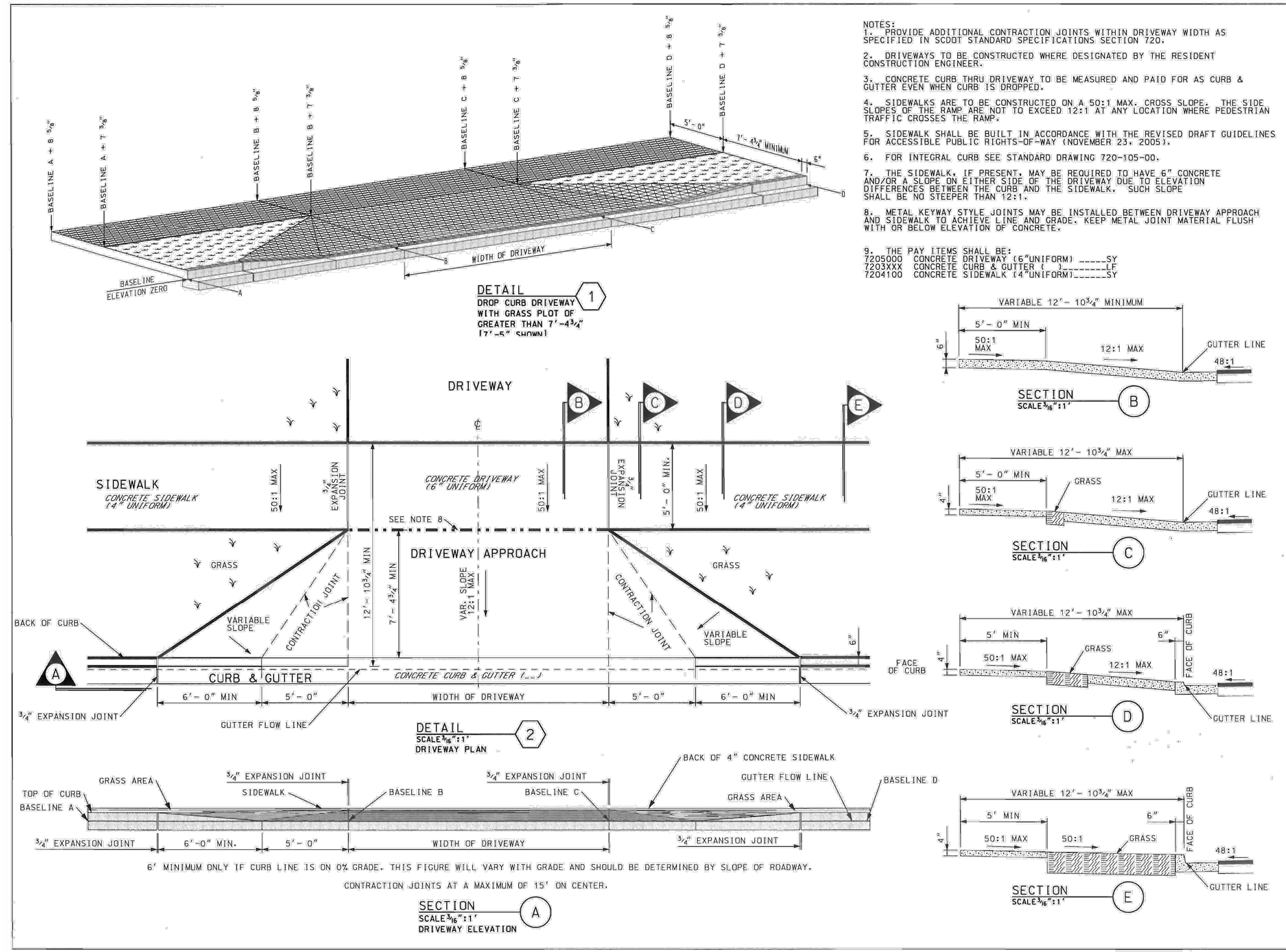
- USE PVC UNLESS SEPARATION DISTANCE BETWEEN WATER AND SANITARY SEWER LINE IS LESS THAN 18". IF SEPARATION DISTANCE CAN NOT BE MAINTAINED, THEN USE D.I.P.
- IF CROSSING A STORM PIPE, PROPOSED UTILITY LINE SHALL ALSO BE OFFSET A MINIMUM OF 36" HORIZONTALLY FROM END OF STORM PIPE.
- WHEN POSSIBLE, POTABLE WATER LINE SHALL CROSS ABOVE SANITARY SEWER LINE.

CITY OF GEORGETOWN, SC		
UTILITY LINE CROSSING NO. 2		
UPDATED	SCALE	NO.
	N.T.S.	
DRAWN	CHECKED	

DESCRIPTION									
BID SET	RLH	WRL	BJG	DR/By	CHK/By	APP/By	NO.	DATE	







- NOTES:
1. PROVIDE ADDITIONAL CONTRACTION JOINTS WITHIN DRIVEWAY WIDTH AS SPECIFIED IN SCDOT STANDARD SPECIFICATIONS SECTION 720.
  2. DRIVEWAYS TO BE CONSTRUCTED WHERE DESIGNATED BY THE RESIDENT CONSTRUCTION ENGINEER.
  3. CONCRETE CURB THRU DRIVEWAY TO BE MEASURED AND PAID FOR AS CURB & GUTTER EVEN WHEN CURB IS DROPPED.
  4. SIDEWALKS ARE TO BE CONSTRUCTED ON A 50:1 MAX. CROSS SLOPE. THE SIDE SLOPE OF THE RAMP ARE NOT TO EXCEED 12:1 AT ANY LOCATION WHERE PEDESTRIAN TRAFFIC CROSSES THE RAMP.
  5. SIDEWALK SHALL BE BUILT IN ACCORDANCE WITH THE REVISED DRAFT GUIDELINES FOR ACCESSIBLE PUBLIC RIGHTS-OF-WAY (NOVEMBER 23, 2005).
  6. FOR INTEGRAL CURB SEE STANDARD DRAWING 720-105-00.
  7. THE SIDEWALK, IF PRESENT, MAY BE REQUIRED TO HAVE 6" CONCRETE FINISH ON EITHER SIDE OF THE DRIVEWAY DUE TO ELEVATION DIFFERENCES BETWEEN THE CURB AND THE SIDEWALK. SUCH SLOPE SHALL BE NO STEEPER THAN 12:1.
  8. METAL KEYWAY STYLE JOINTS MAY BE INSTALLED BETWEEN DRIVEWAY APPROACH AND SIDEWALK TO ACHIEVE LINE AND GRADE. KEEP METAL JOINT MATERIAL FLUSH WITH OR BELOW ELEVATION OF CONCRETE.
  9. THE PAV. ITEMS SHALL BE:
    - 1205000 CONCRETE DRIVEWAY (16" UNIFORM) ----- 5"
    - 1203000 CONCRETE CURB & GUTTER (14" UNIFORM) ----- 5"
    - 1204100 CONCRETE SIDEWALK (14" UNIFORM) ----- 5"

REFERENCES

NATIONAL DOCUMENTS

REVISIONS

SCDOT DOCUMENTS

720-105-00

PRECONSTRUCTION SUPPORT ENGINEER

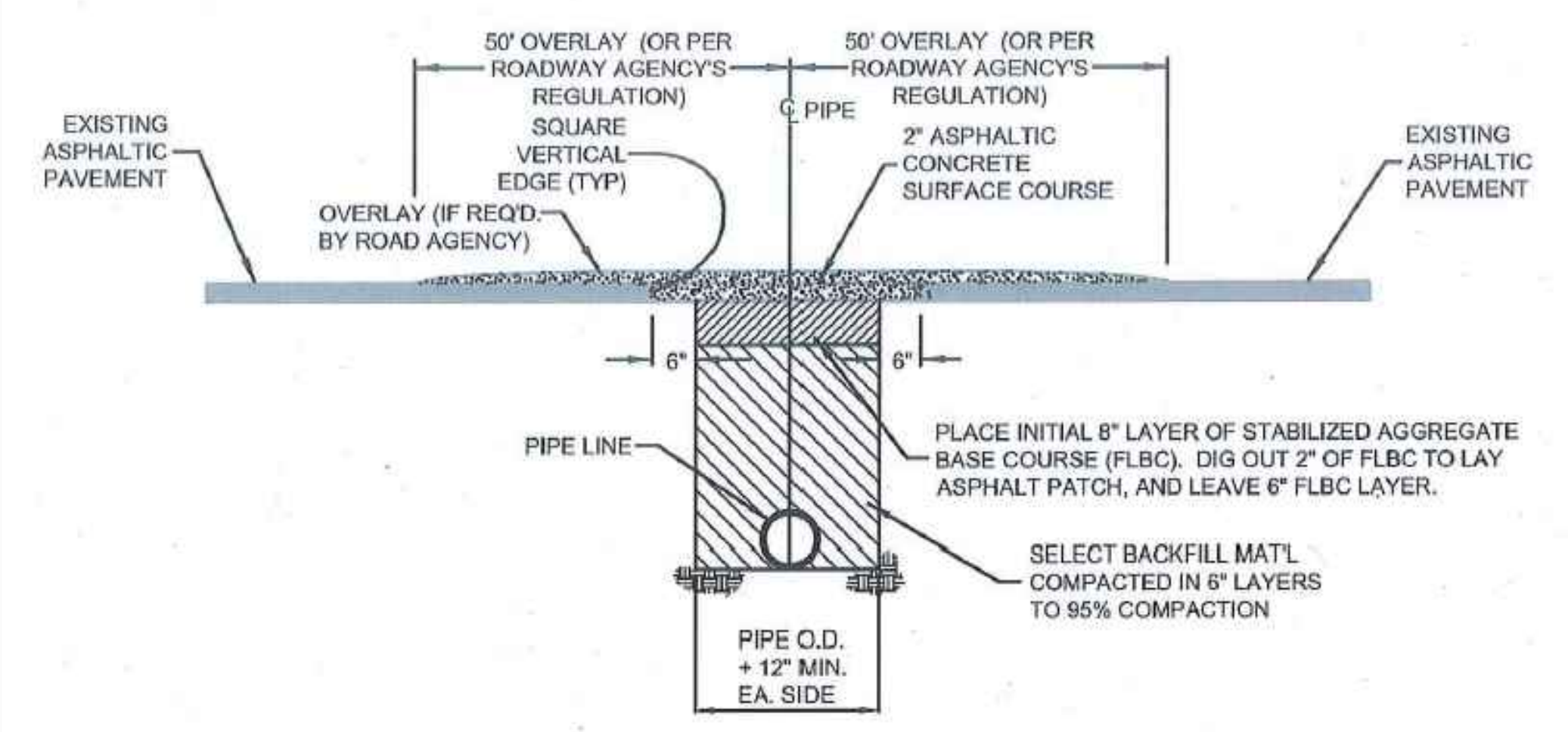
SOUTH CAROLINA PROFESSIONAL ENGINEER  
NO. 8858  
SYLVESTER ERRO, P.E.

DATE: JULY 30, 2009

SCDOT  
SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DESIGN STANDARDS OFFICE  
955 PARK STREET  
ROOM 405  
COLUMBIA, SC 29201

STANDARD DRAWING  
DRIVEWAY WITH SEPARATED SIDEWALK BEYOND 7'-4 3/4" FROM CURB

720-415-00  
EFFECTIVE LETTING DATE: SEPTEMBER 2009



- NOTES:
1. PAVEMENT CUT TO EXTEND 6" BEYOND EDGES OF TRENCH AS SHOWN. PAVEMENT SHALL BE CUT TO TRUE LINE AND REMOVED BEFORE TRENCH IS CUT. ALL PAVEMENT REPAIRS TO BE IN ACCORDANCE WITH ROAD AGENCY SPECS.
  2. ROAD AGENCY MAY REQUIRE A CUT & PATCH OF TRENCH AREA AND AN OVERLAY OF ENTIRE APRON OR ENTRANCE FROM THE EDGE OF THE MAIN ROAD TO THE EDGE OF THE ROAD RIGHT-OF-WAY (SEE ENCROACHMENT PERMIT).
  3. WHERE EXISTING PAVEMENT IS INSUFFICIENT THICKNESS TO DEVELOP TIGHT SEAL WITH NEW SURFACE, NEW PAVEMENT SHALL LAP EXISTING SURFACE WITH AT LEAST A 10' OVERLAP ON BOTH SIDES FOR SMOOTH TRANSITION OR AS PER SPEC'S. OF ROAD AGENCY.

SCDOT		
OPEN CUT REPAIR FOR LOW VOLUME ASPHALT PAVEMENT		
UPDATED	SCALE	NO.
	N.T.S.	
DRAWN	CHECKED	

P:\SC\_CHARLESTON\CDSE\DRIVEWAY\DRIVEWAY WITH SEPARATED SIDEWALK BEYOND 7'-4 3/4" FROM CURB.DWG PLOTTED 4/9/2018 4:30:22 PM BY Graham, Brian

Weston & Sampson  
Weston & Sampson Engineers, Inc.  
672 Marina Dr., Suite 204, Charleston, SC 29492  
843.881.9804  
www.westonandsampson.com

07-17-2018  
FOR BID ONLY

File No.	Scale	Contract	Job No.	DR BY	CHK BY	APP BY	Description
A	NTS			BJG	WRL	RLH	BID SET
				BJG	WRL	RLH	Dr/By/Chk/By/ App/By
			04/11/18	BJG	WRL	RLH	Date

GEORGETOWN SOUTH CAROLINA  
CITY OF GEORGETOWN, ENGINEERING DEPARTMENT  
KAMINSKI STREET AND HEYWARD STREET WATER IMPROVEMENTS  
DETAILS, SCDOT

C-303