

GEORGETOWN COUNTY

CONSTRUCTION PLANS FOR

MURRELLS INLET BIKE PATH PARKING LOT

ROADSIDE PARKING AND DRAINAGE IMPROVEMENTS ADJACENT TO HIGHWAY 17
NOVEMBER 2021



SHEET SCHEDULE

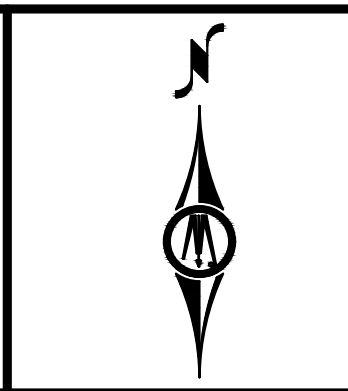
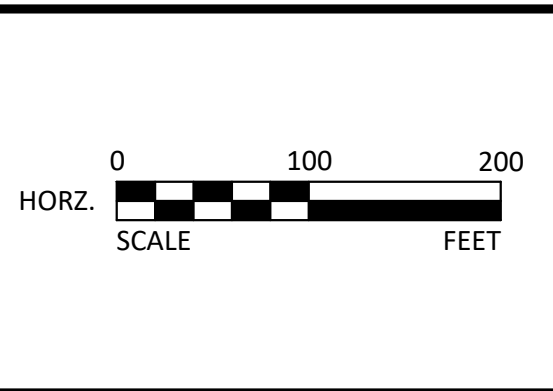
SHEET TITLE	SHEET NO.	ORIGINAL DATE	LATEST REVISION DATE
GENERAL			
TITLE SHEET	G1.01	NOVEMBER 19, 2021	FEBRUARY 28, 2023
CONSTRUCTION NOTES & LEGEND	G1.02	NOVEMBER 19, 2021	
CIVIL			
EXISTING CONDITIONS & DEMOLITION PLAN	C1.01	NOVEMBER 19, 2021	FEBRUARY 28, 2023
SEDIMENT AND EROSION CONTROL PLAN - PHASE 1 & 2	C2.01	NOVEMBER 19, 2021	FEBRUARY 28, 2023
SEDIMENT AND EROSION CONTROL PLAN - PHASE 3	C2.02	NOVEMBER 19, 2021	FEBRUARY 28, 2023
SEDIMENT AND EROSION CONTROL DETAILS	C2.03	NOVEMBER 19, 2021	DECEMBER 8, 2021
HORIZONTAL CONTROL PLAN	C3.01	NOVEMBER 19, 2021	DECEMBER 19, 2022
GRADING AND DRAINAGE PLAN	C4.01	NOVEMBER 19, 2021	FEBRUARY 28, 2023
DRAINAGE PROFILES	C4.02	NOVEMBER 19, 2021	FEBRUARY 28, 2023
SITE DETAILS	C4.03	NOVEMBER 19, 2021	DECEMBER 19, 2022
TRAFFIC CONTROL PLAN	C5.01	NOVEMBER 19, 2021	DECEMBER 19, 2022



GEORGETOWN COUNTY

**129 SCREVEN STREET
GEORGETOWN, SC 29442**

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GEORGETOWN COUNTY	SHEET
MURRELLS INLET BIKE PATH PARKING LOT	
GEORGETOWN COUNTY, SOUTH CAROLINA	
TITLE SHEET	G1.01

PROJECT #: 21130

PROJECT NAME: MURRELLS INLET BIKE PATH PARKING LOT

LEGEND

EXISTING	PROPOSED

EXISTING	WATER/SEWER	PROPOSED

EXISTING	DRAINAGE	PROPOSED

EXISTING	MISC	PROPOSED

HATCHES	

ABBREVIATIONS

A	ALGEBRAIC DIFFERENCE	F&I	FURNISH AND INSTALL	PVC	POINT OF VERTICAL CURVE
ADJ	ADJUST	FM	FORCEMAIN	PVI	POINT OF VERTICAL INTERSECTION
ALT	ALTERNATE	FO	FIBER OPTIC	PVT	POINT OF VERTICAL TANGENT
B-B	BACK TO BACK	F.O.	FIELD ORDER	PVMT	PAVEMENT
BIT	BITUMINOUS	GRAN	GRANULAR	R	RADIUS
BLDG	BUILDING	GRAV	GRAVEL	R/W	RIGHT-OF-WAY
BMP	BEST MANAGEMENT PRACTICE	GU	GUTTER	RCP	REINFORCED CONCRETE PIPE
BOC	BACK OF CURB	GV	GATE VALVE	RET	RETAINING
BR	BEGIN RADIUS	HDPE	HIGH DENSITY POLYETHYLENE	RSC	RIGID STEEL CONDUIT
BV	BUTTERFLY VALVE	HH	HANDHOLE	RT	RIGHT
CB	CATCH BASIN	HP	HIGH POINT	SAN	SANITARY SEWER
C&G	CURB AND GUTTER	HWL	HIGH WATER LEVEL	SCH	SCHEDULE
CI	CURB INLET	HYD	HYDRANT	SERV	SERVICE
CIP	CAST IRON PIPE	INV.	INVERT	SHLD	SHOULDER
CIPP	CURED-IN-PLACE PIPE	JB	JUNCTION BOX	STA	STATION
CL	CENTER LINE	K	CURVE COEFFICIENT	STD	STANDARD
CL.	CLASS	L	LENGTH	STM	STORM SEWER
CLVT	CULVERT	LO	LOWEST OPENING	TE	TEMPORARY EASEMENT
CMP	CORRUGATED METAL PIPE	LP	LOW POINT	TEMP	TEMPORARY
C.O.	CHANGE ORDER	LT	LEFT	TNH	TOP NUT HYDRANT
COMM	COMMUNICATION	MAX	MAXIMUM	TP	TOP OF PIPE
CONC	CONCRETE	MH	MANHOLE	TYP	TYPICAL
CPP	CORRUGATED PLASTIC PIPE	MIN	MINIMUM	VCP	VITRIFIED CLAY PIPE
CPPP	PERFORATED PIPE	MR	MID RADIUS	VERT	VERTICAL
DIA	DIAMETER	NIC	NOT IN CONTRACT	WM	WATERMAIN
DIP	DUCTILE IRON PIPE	NMC	NON-METALLIC CONDUIT	AC	ACRES
DWY	DRIVEWAY	NTS	NOT TO SCALE	CF	CUBIC FEET
E	EXTERNAL CURVE DISTANCE	NWL	NORMAL WATER LEVEL	CV	COMPACTED VOLUME
ELEC	ELECTRIC	OHW	ORDINARY HIGH WATER LEVEL	CY	CUBIC YARD
ELEV	ELEVATION	PC	POINT OF CURVE	EA	EACH
EOF	EMERGENCY OVERTFLOW	PCC	POINT OF COMPOUND CURVE	EV	EXCAVATED VOLUME
EOP	EDGE OF PAVEMENT	PE	PERMANENT EASEMENT	LB	POUND
ER	END RADIUS	PED	PEDESTRIAN, PEDESTAL	LF	LINEAR FEET
ESMT	EASEMENT	PERM	PERMANENT	LS	LUMP SUM
EX	EXISTING	PI	POINT OF INTERSECTION	LV	LOOSE VOLUME
FES	FLARED END SECTION	PL	PROPERTY LINE	SF	SQUARE FEET
F-F	FACE TO FACE	PRC	POINT OF REVERSE CURVE	SV	STOCKPILE VOLUME
FF	FINISHED FLOOR	PT	POINT OF TANGENT	SY	SQUARE YARD
FP	FINISHED PAD	PVC	POLYVINYL CHLORIDE PIPE		

GENERAL NOTES

- DEVELOPMENT SHALL COMPLY WITH GEORGETOWN COUNTY STANDARDS.
- SIGNAGE, LANDSCAPING AND OTHER MONUMENTATION SHALL BE PERMITTED IN CONFORMANCE WITH GEORGETOWN COUNTY ZONING ORDINANCE REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING UTILITIES AND REPAIRING ANY DAMAGE TO SAME. UTILITY LOCATIONS AS SHOWN ON PLANS ARE APPROXIMATE AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL CONTRACT ALL UTILITY COMPANIES THAT MAY HAVE SERVICE IN THE AREA FOR AN ACCURATE LOCATION PRIOR TO BEGINNING WORK.
- PROVISIONS SHALL BE MADE TO ENSURE POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. NATURAL DRAINAGE FEATURES DISTURBED BY CONSTRUCTION MUST BE RE-ESTABLISHED. NO PONDING DUE TO SPOILS STOCKPILING OR OTHER ACTIVITIES SHALL BE PERMITTED.
- WORK IN PUBLIC RIGHT-OF-WAYS OR PRIVATE EASEMENTS SHALL BE ACCOMPLISHED BY THE CONTRACTOR ACCORDING TO THE REQUIREMENTS OR CONDITIONS OF THE ENCROACHMENT PERMIT OR OTHER LEGAL DOCUMENTS AS THOUGH DOCUMENTS WERE ISSUED IN THE CONTRACTOR NAME. THE CONTRACTOR SHALL MAINTAIN COPIES OF THESE DOCUMENTS ON THE SITES AT ALL TIMES.
- WHEN THE CONTRACTOR IS UNABLE TO COMPLETE HIS WORK AS SHOWN ON THE PLANS BECAUSE OF AN EXISTING UTILITY, CONTRACTOR SHALL STAKE THE LOCATION OF THE UTILITY PRIOR TO PROCEEDING AND CONTACT THE ENGINEER.
- THE CONTRACTOR SHALL NOTIFY ALL PUBLIC AGENCIES, THE OWNER, THE ENGINEER AND ALL OTHER CONCERNED PARTIES WHEN CONSTRUCTION IS TO COMMENCE. PRIOR TO ANY CONSTRUCTION A PRECONSTRUCTION MEETING SHALL BE HELD WITH THE MUNICIPALITY / AUTHORITY, THE CONTRACTOR, THE ENGINEER AND ANY OTHER INTERESTED PARTY.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE APPLICABLE FEDERAL, SOUTH CAROLINA AND LOCAL ORDINANCES, REGULATIONS, SPECIFICATIONS AND PERMITS. THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ALL LICENSES AND PERMITS AS REQUIRED.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION, AND ADDENDA EXCEPT AS MODIFIED BY THESE CONSTRUCTION DRAWINGS.
- INSPECTIONS SHALL BE CONDUCTED IN ACCORDANCE WITH GEORGETOWN COUNTY STANDARDS. A MINIMUM OF TWO WORKING DAYS NOTICE SHALL BE GIVEN FOR ANY REQUESTED INSPECTION.
- WHEN CONCRETE SIDEWALKS, CURB AND GUTTER SECTIONS OR ASPHALT PAVEMENT ARE DAMAGED DUE TO CONSTRUCTION ACTIVITIES, THEY SHALL BE REPLACED IN A TIMELY MANNER BY THE CONTRACTOR TO ASSURE THE CONTINUED USE OF THESE FACILITIES BY ALL CONCERNED.
- CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL MEASURES AS SHOWN IN THE PLANS AND REQUIRED BY THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION ENCROACHMENT PERMITS.
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ALL PRODUCTS AND MATERIALS SPECIFIED UNDER THIS CONTRACT.
- CONTRACTOR IS TO COMPLY WITH ALL PROVISIONS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES WHEN WORKING ADJACENT TO AN EXISTING PUBLIC HIGHWAY RIGHT OF WAY.
- THE CONTRACTOR WILL MAINTAIN ALL EXISTING ROADS IN A NEAT AND CLEAN CONDITION THROUGHOUT THE COURSE OF THE PROJECT CONSTRUCTION.
- ALL PROPOSED STREET LIGHTING MUST BE AT LEAST 6' BEHIND ROLLED CURBING & 4' BEHIND STAND-UP CURBING.
- NO LIVE OAKS 24-INCHES DBH OR GREATER ARE LOCATED WITHIN THIS PROJECT CONSTRUCTION LIMITS.
- ALL PAVEMENT MARKINGS WITHIN GEORGETOWN COUNTY ROADWAYS MUST BE THERMOPLASTIC PER SCDOT GUIDELINES.
- VERTICAL CONTROL BASED UPON NORTH AMERICAN VERTICAL DATUM, 1988. HORIZONTAL CONTROL BASED UPON SOUTH CAROLINA STATE PLAN COORDINATE SYSTEM NAD 83.
- THE PROPERTY IS LOCATED IN FLOOD ZONE "AE" AND "X" AS SHOWN ON FLOOD INSURANCE RATE MAP NUMBER 4500850108E DATED 10/16/82.

GRADING AND DRAINAGE NOTES

- RIM ELEVATIONS REPRESENT FINISH GRADE ELEVATION WHERE APPLICABLE. CURB INLETS NOTE EOP GRADE CENTERED ON STRUCTURE AT EDGE OF PAVEMENT, SEE CONCRETE CURB AND GUTTER DETAIL.
- ALL PIPE LENGTHS ARE MEASURED FROM CENTER OF STRUCTURE. CONTRACTOR TO ORDER PIPE MATERIAL BASED ON ACTUAL INSTALLED LENGTHS NEEDED.
- ALL STORM DRAIN PIPE TO BE CLASS 3 REINFORCED CONCRETE UNLESS NOTED OTHERWISE.
- CURB INLETS AND ALL BOX CONSTRUCTION MUST USE TYPE S OR M MORTAR, MIXED TO SCDOT SPECIFICATIONS. CONSTRUCTION OF STRUCTURE IS TO MEET SCDOT REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE ENGINEER WITH DATA FOR RECORD DRAWINGS IN ACCORDANCE WITH THE Horry COUNTY LAND DEVELOPMENT REGULATIONS, BASED ON ACTUAL FIELD SURVEYS FOR LOCATIONS AND ELEVATION INFORMATION, PREPARED AND CERTIFIED BY A SURVEYOR REGISTERED AND LICENSED IN THE STATE OF SOUTH CAROLINA.
- PROVIDE MINIMUM 1 FOOT COVER OVER STORM DRAINAGE PIPE.
- PIPE INVERT ELEVATIONS HAVE PRECEDENCE OVER PIPE SLOPES. HOWEVER, SLOPES SHALL NOT BE DECREASED FROM THOSE SHOWN ON THE PLAN WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- CONTRACTOR TO VERIFY THAT STORM DRAINAGE PIPE DOES NOT CONFLICT WITH SANITARY SEWER PIPE PRIOR TO LAYING PIPE. NOTIFY ENGINEER OF ANY CONFLICTS IN PIPE CROSSINGS AND DO NOT PROCEED WITH PIPE CONSTRUCTION UNTIL CONFLICTS ARE RESOLVED.
- TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS WAS PREPARED FROM A FIELD RUN TOPOGRAPHIC SURVEY PERFORMED BY DDC ENGINEERS, INC. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS PRIOR TO BEGINNING WORK.
- ALL PROPOSED CONTOURS AND SPOT ELEVATIONS ARE FINISHED SURFACE GRADE.
- EXISTING AND PROPOSED CONTOURS ARE AT ONE FOOT INTERVALS.
- ALL CUT AND FILL SLOPES ARE TO BE 3:1 MAXIMUM GRADE UNLESS OTHERWISE NOTED ON THE PLANS OR DETAILS.
- NO SOIL DISTURBANCE OR COMPACTION, CONSTRUCTION MATERIALS, TRAFFIC, TRENCHING, OR OTHER LAND DISTURBING ACTIVITY SHALL BE PERMITTED BEYOND LIMITS OF GRADING WITHOUT PRIOR APPROVAL FROM THE OWNER.
- PROVISIONS SHALL BE MADE TO ENSURE POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. NATURAL DRAINAGE FEATURES DISTURBED BY CONSTRUCTION MUST BE RE-ESTABLISHED. NO PONDING DUE TO SPOILS, STOCKPILING OR OTHER ACTIVITIES SHALL BE PERMITTED.
- ALL EXCAVATED EXCESS OR WASTE SOILS AND MATERIAL SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR EXCEPT AS SPECIFICALLY APPROVED IN WRITING BY BOTH THE ENGINEER AND OWNER.
- ALL LAND DISTURBING ACTIVITIES SHALL BE PERFORMED PER THE FINAL APPROVED PLANS. GEORGETOWN COUNTY RESERVES THE RIGHT TO CONDUCT ON-SITE INSPECTIONS AS NEEDED. A SCDHEC CERTIFIED INSPECTOR MUST STILL PERFORM ALL REQUIRED SITE INSPECTIONS / REPORTING AS OUTLINED IN THE SCDHEC GENERAL PERMIT SCR100000.
- VERTICAL CONTROL BASED ON THE NORTH AMERICAN VERTICAL DATUM, NAVD1988.

EROSION CONTROL NOTES

- DISTURBED AREA: ± 0.4 ACRES
- 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 EVERY CALENDAR WEEK. IF PERIODIC INSPECTION OR OTHER INFORMATION INDICATES THAT A BMP HAS BEEN INAPPROPRIATELY OR INCORRECTLY INSTALLED, 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 CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER 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 ROADWAYS FROM CONSTRUCTION AREAS AND THE GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR DIVERT SEDIMENT-LOADED 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, INSPECTION 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 TEMPORARILY OR PERMANENTLY 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 REASONABLE 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.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL SILT BARRIERS AND SEDIMENT CONTROL INSTALLATIONS DURING CONSTRUCTION UNTIL THE COMPLETION OF THE SITE DEVELOPMENT.

EROSION CONTROL DEVICES MUST BE INSTALLED IMMEDIATELY AFTER LAND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE CONTROL DEVICES MAY BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS, IF DRAINAGE PATTERNS DURING CONSTRUCTION VARY FROM THE FINAL DRAINAGE PATTERNS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SOIL EROSION CONTROL FOR ALL DRAINAGE PATTERNS DURING ALL STAGES OF CONSTRUCTION. ALL INADEQUACIES IN SOIL EROSION CONTROL DURING ANY PHASE OF CONSTRUCTION MUST BE REPORTED IMMEDIATELY TO THE ENGINEER.

THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. THE CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE PROPER FUNCTIONING OF ALL DEVICES.

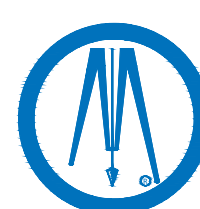
FAILURE TO INSTALL, OPERATE AND MAINTAIN ALL EROSION CONTROL MEASURES, AS SHOWN ON THE APPROVED PLANS OR AS DIRECTED BY THE ENGINEER AND/OR O.C.R.M., WILL RESULT IN ALL WORK ON THE CONSTRUCTION SITE BEING STOPPED UNTIL PROPER CORRECTIVE MEASURES HAVE BEEN MET, AS REQUIRED AND/OR DIRECTED.

ALL LAND DISTURBING ACTIVITIES REQUIRES COMPLIANCE UNDER THE NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM THE CONSTRUCTION ACTIVITIES (PERMIT NO. SCR100000). ANY NON-COMPLIANCE WITH THESE REGULATIONS IS A VIOLATION OF THE FEDERAL CLEAN WATER ACT AND MAY REQUIRE ENFORCEMENT ACTION BY GEORGETOWN COUNTY OR SCDHEC / OCRM.

CONTRACTOR SHALL PROVIDE A WATER TIGHT ENCLOSURE FOR STORAGE OF THE OCRM CERTIFIED PLANS AND INSPECTION REPORTS. ENCLOSURE SHALL BE LOCATED IN AN AREA ACCESSIBLE TO REGULATORY PERSONNEL.

ALL STOCKPILE TO BE PROTECTED WITH SILT FENCE.

ALL CONCRETE TO BE WASHED OUT IN AN APPROVED AREA.



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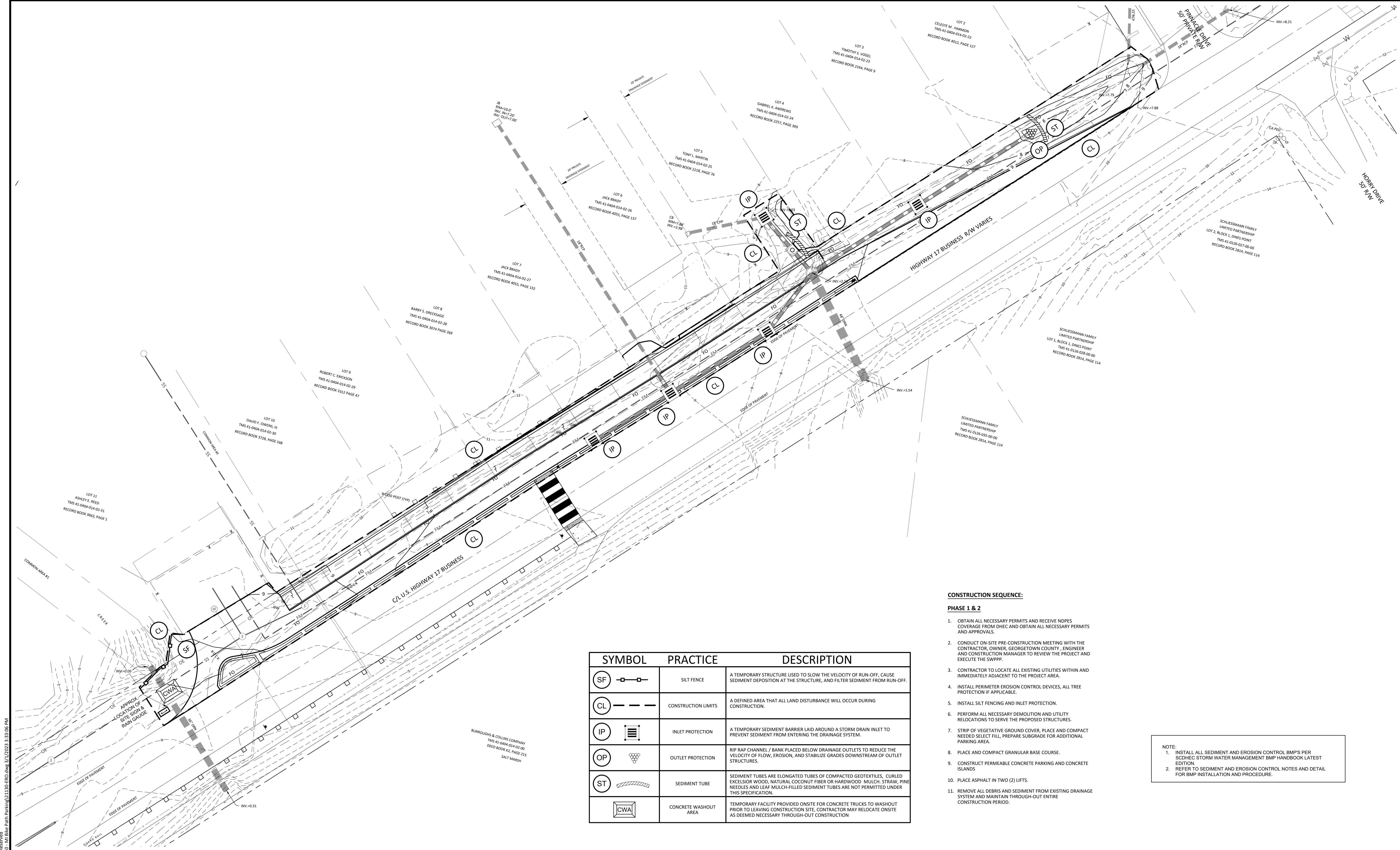
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GEORGETOWN COUNTY
MURRELLS INLET BIKE PATH PARKING LOT
GEORGETOWN COUNTY, SOUTH CAROLINA

G1.02

CONSTRUCTION NOTES & LEGEND



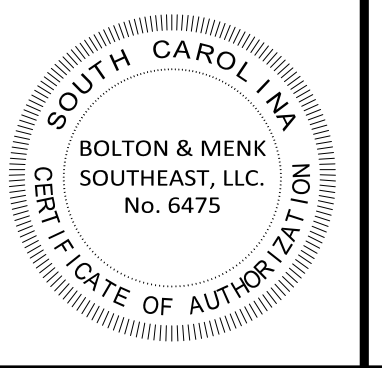
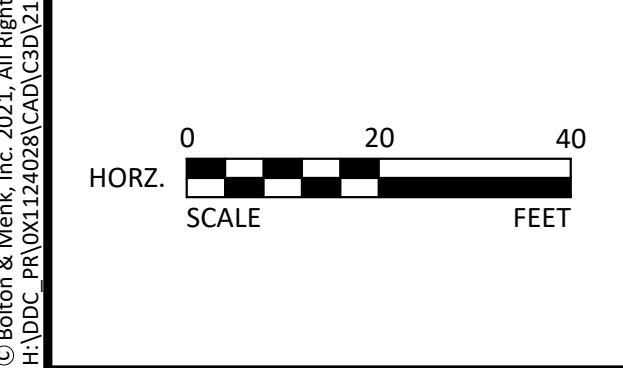
CONSTRUCTION SEQUENCE:

PHASE 1 & 2

1. OBTAIN ALL NECESSARY PERMITS AND RECEIVE NDPS COVERAGE FROM DHEC AND OBTAIN ALL NECESSARY PERMITS AND APPROVALS.
2. CONDUCT ON-SITE PRE-CONSTRUCTION MEETING WITH THE CONTRACTOR, OWNER, GEORGETOWN COUNTY, ENGINEER AND CONSTRUCTION MANAGER TO REVIEW THE PROJECT AND EXECUTE THE SWPPP.
3. CONTRACTOR TO LOCATE ALL EXISTING UTILITIES WITHIN AND IMMEDIATELY ADJACENT TO THE PROJECT AREA.
4. INSTALL PERIMETER EROSION CONTROL DEVICES, ALL TREE PROTECTION IF APPLICABLE.
5. INSTALL SILT FENCING AND INLET PROTECTION.
6. PERFORM ALL NECESSARY DEMOLITION AND UTILITY RELOCATIONS TO SERVE THE PROPOSED STRUCTURES.
7. STRIP OF VEGETATIVE GROUND COVER, PLACE AND COMPACT NEEDED SELECT FILL, PREPARE SUBGRADE FOR ADDITIONAL PARKING AREA.
8. PLACE AND COMPACT GRANULAR BASE COURSE.
9. CONSTRUCT PERMEABLE CONCRETE PARKING AND CONCRETE ISLANDS
10. PLACE ASPHALT IN TWO (2) LIFTS.
11. REMOVE ALL DEBRIS AND SEDIMENT FROM EXISTING DRAINAGE SYSTEM AND MAINTAIN THROUGH-OUT ENTIRE CONSTRUCTION PERIOD.

NOTE:
 1. INSTALL ALL SEDIMENT AND EROSION CONTROL BMP'S PER SCDHCC STORM WATER MANAGEMENT BMP HANDBOOK LATEST EDITION.
 2. REFER TO SEDIMENT AND EROSION CONTROL NOTES AND DETAIL FOR BMP INSTALLATION AND PROCEDURE.

SYMBOL	PRACTICE	DESCRIPTION
	SILT FENCE	A TEMPORARY STRUCTURE USED TO SLOW THE VELOCITY OF RUN-OFF, CAUSE SEDIMENT DEPOSITION AT THE STRUCTURE, AND FILTER SEDIMENT FROM RUN-OFF.
	CONSTRUCTION LIMITS	A DEFINED AREA THAT ALL LAND DISTURBANCE WILL OCCUR DURING CONSTRUCTION.
	INLET PROTECTION	A TEMPORARY SEDIMENT BARRIER LAID AROUND A STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM.
	OUTLET PROTECTION	RIP RAP CHANNEL / BANK PLACED BELOW DRAINAGE OUTLETS TO REDUCE THE VELOCITY OF FLOW, EROSION, AND STABILIZE GRADES DOWNSTREAM OF OUTLET STRUCTURES.
	SEDIMENT TUBE	SEDIMENT TUBES ARE ELONGATED TUBES OF COMPACTED GEOTEXTILES, CURLED EXCESSOR WOOD, NATURAL COCONUT FIBER OR HARDWOOD. MULCH, STRAW, PINE NEEDLES AND LEAF MULCH-FILLED SEDIMENT TUBES ARE NOT PERMITTED UNDER THIS SPECIFICATION.
	CONCRETE WASHOUT AREA	TEMPORARY FACILITY PROVIDED ONSITE FOR CONCRETE TRUCKS TO WASHOUT PRIOR TO LEAVING CONSTRUCTION SITE, CONTRACTOR MAY RELOCATE ONSITE AS DEEMED NECESSARY THROUGH-OUT CONSTRUCTION



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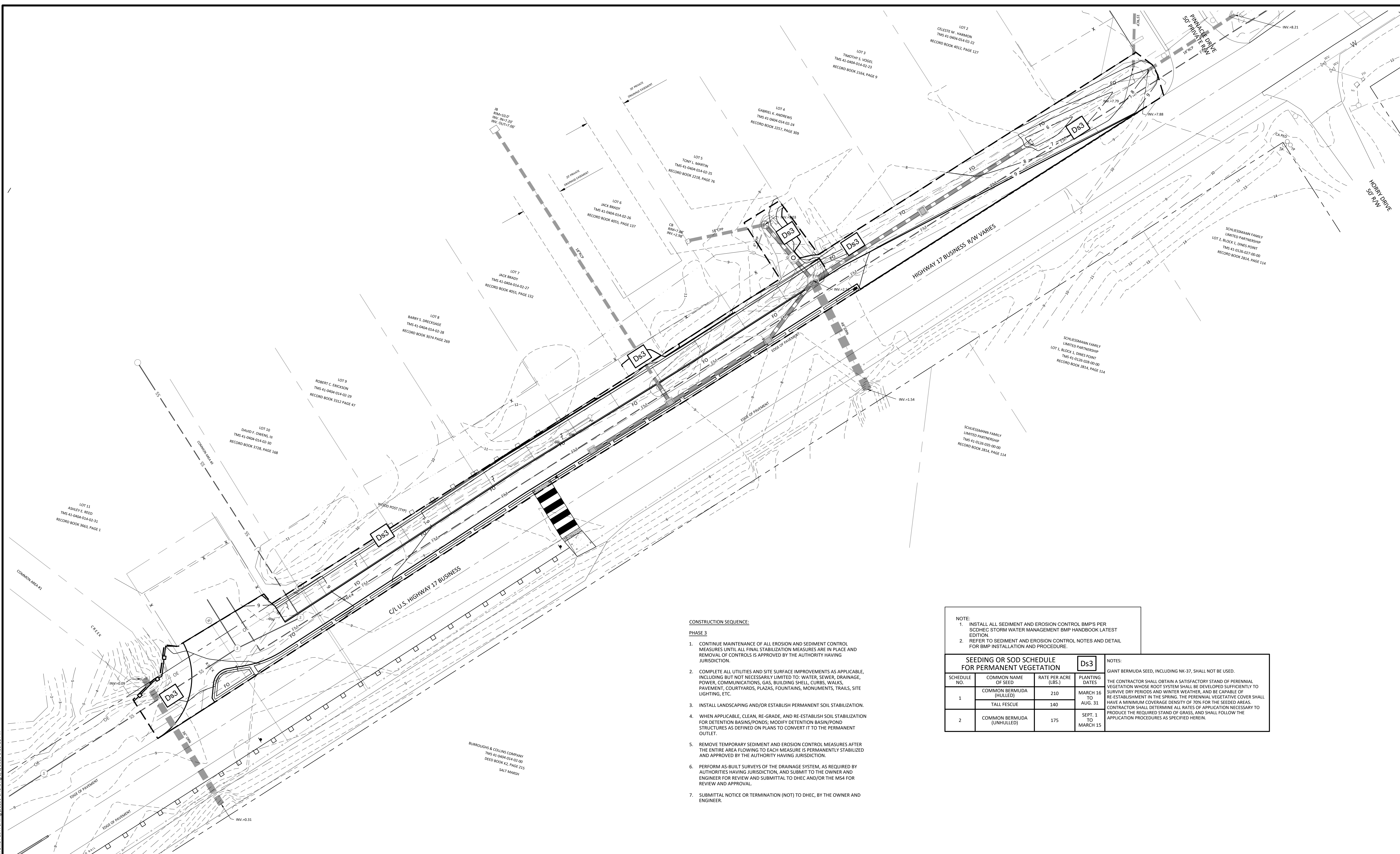
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 Email: MyrtleBeach@bolton-menk.com
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DATE	NO.	DATE	REVISION DESCRIPTION	BY
11/19/21				
SCALE				
DESIGNED	TED			
DRAWN	ALL	4 2/28/2023	REVISED GRADING PER GC COMMENT REGARDING EXISTING UTILITIES	TED
CHECKED	JTW	3 1/23/2023	REVISED PER GCPW COMMENTS	TED
		2 12/19/2022	REVISED DRAINAGE ON LOT 5	TED
		1 12/8/2021	REVISED PER COUNTY / SCDOT COMMENTS RECEIVED	TED
CLIENT PROJ. NO.	21130			

GEORGETOWN COUNTY
 MURRELLS INLET BIKE PATH PARKING LOT
 GEORGETOWN COUNTY, SOUTH CAROLINA
SEDIMENT AND EROSION CONTROL PLAN
 - PHASE 1 & 2

SHEET
C2.01

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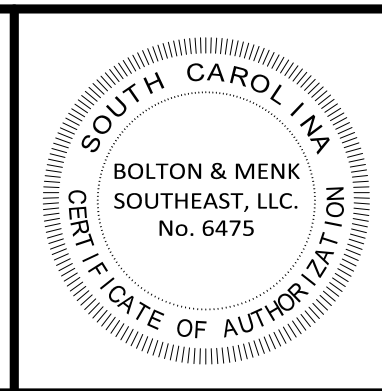
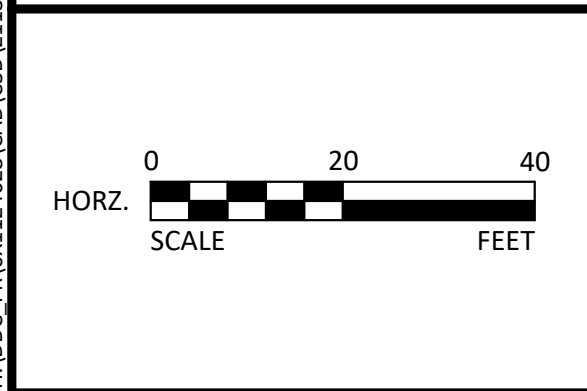
- CONSTRUCTION SEQUENCE:**
- PHASE 3**
1. CONTINUE MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL ALL FINAL STABILIZATION MEASURES ARE IN PLACE AND REMOVAL OF CONTROLS IS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
 2. COMPLETE ALL UTILITIES AND SITE SURFACE IMPROVEMENTS AS APPLICABLE, INCLUDING BUT NOT NECESSARILY LIMITED TO: WATER, SEWER, DRAINAGE, POWER, COMMUNICATIONS, GAS, BUILDING SHELL, CURBS, WALKS, PAVEMENT, COURTYARDS, PLAZAS, FOUNTAINS, MONUMENTS, TRAILS, SITE LIGHTING, ETC.
 3. INSTALL LANDSCAPING AND/OR ESTABLISH PERMANENT SOIL STABILIZATION.
 4. WHEN APPLICABLE, CLEAN, RE-GRADE, AND RE-ESTABLISH SOIL STABILIZATION FOR DETENTION BASINS/PONDS; MODIFY DETENTION BASIN/POND STRUCTURES AS DEFINED ON PLANS TO CONVERT IT TO THE PERMANENT OUTLET.
 5. REMOVE TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AFTER THE ENTIRE AREA FLOWING TO EACH MEASURE IS PERMANENTLY STABILIZED AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.
 6. PERFORM AS-BUILT SURVEYS OF THE DRAINAGE SYSTEM, AS REQUIRED BY AUTHORITIES HAVING JURISDICTION, AND SUBMIT TO THE OWNER AND ENGINEER FOR REVIEW AND SUBMITTAL TO DHEC AND/OR THE MS4 FOR REVIEW AND APPROVAL.
 7. SUBMITTAL NOTICE OR TERMINATION (NOT) TO DHEC, BY THE OWNER AND ENGINEER.

NOTE:
 1. INSTALL ALL SEDIMENT AND EROSION CONTROL BMP'S PER SCDHEC STORM WATER MANAGEMENT BMP HANDBOOK LATEST EDITION.
 2. REFER TO SEDIMENT AND EROSION CONTROL NOTES AND DETAIL FOR BMP INSTALLATION AND PROCEDURE.

SEEDING OR SOD SCHEDULE FOR PERMANENT VEGETATION			Ds3
SCHEDULE NO.	COMMON NAME OF SEED	RATE PER ACRE (LBS.)	PLANTING DATES
1	COMMON BERMUDA (HULLED)	210	MARCH 16 TO AUG. 31
	TALL FESCUE	140	
2	COMMON BERMUDA (UNHULLED)	175	SEPT. 1 TO MARCH 15

NOTES:
 GIANT BERMUDA SEED, INCLUDING NK-37, SHALL NOT BE USED.
 THE CONTRACTOR SHALL OBTAIN A SATISFACTORY STAND OF PERENNIAL VEGETATION WHOSE ROOT SYSTEM SHALL BE DEVELOPED SUFFICIENTLY TO SURVIVE DRY PERIODS AND WINTER WEATHER, AND BE CAPABLE OF RE-ESTABLISHMENT IN THE SPRING. THE PERENNIAL VEGETATIVE COVER SHALL HAVE A MINIMUM COVERAGE DENSITY OF 70% FOR THE SEEDING AREAS. CONTRACTOR SHALL DETERMINE ALL RATES OF APPLICATION NECESSARY TO PRODUCE THE REQUIRED STAND OF GRASS, AND SHALL FOLLOW THE APPLICATION PROCEDURES AS SPECIFIED HEREIN.

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DATE	NO.	DATE	REVISION DESCRIPTION	BY
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SCALE				
1" = 20'				
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	1	12/8/2021	REVISED PER COUNTY / SCDOT COMMENTS RECEIVED	TED
CLIENT PROJ. NO.	21130			

GEORGETOWN COUNTY
 MURRELLS INLET BIKE PATH PARKING LOT
 GEORGETOWN COUNTY, SOUTH CAROLINA

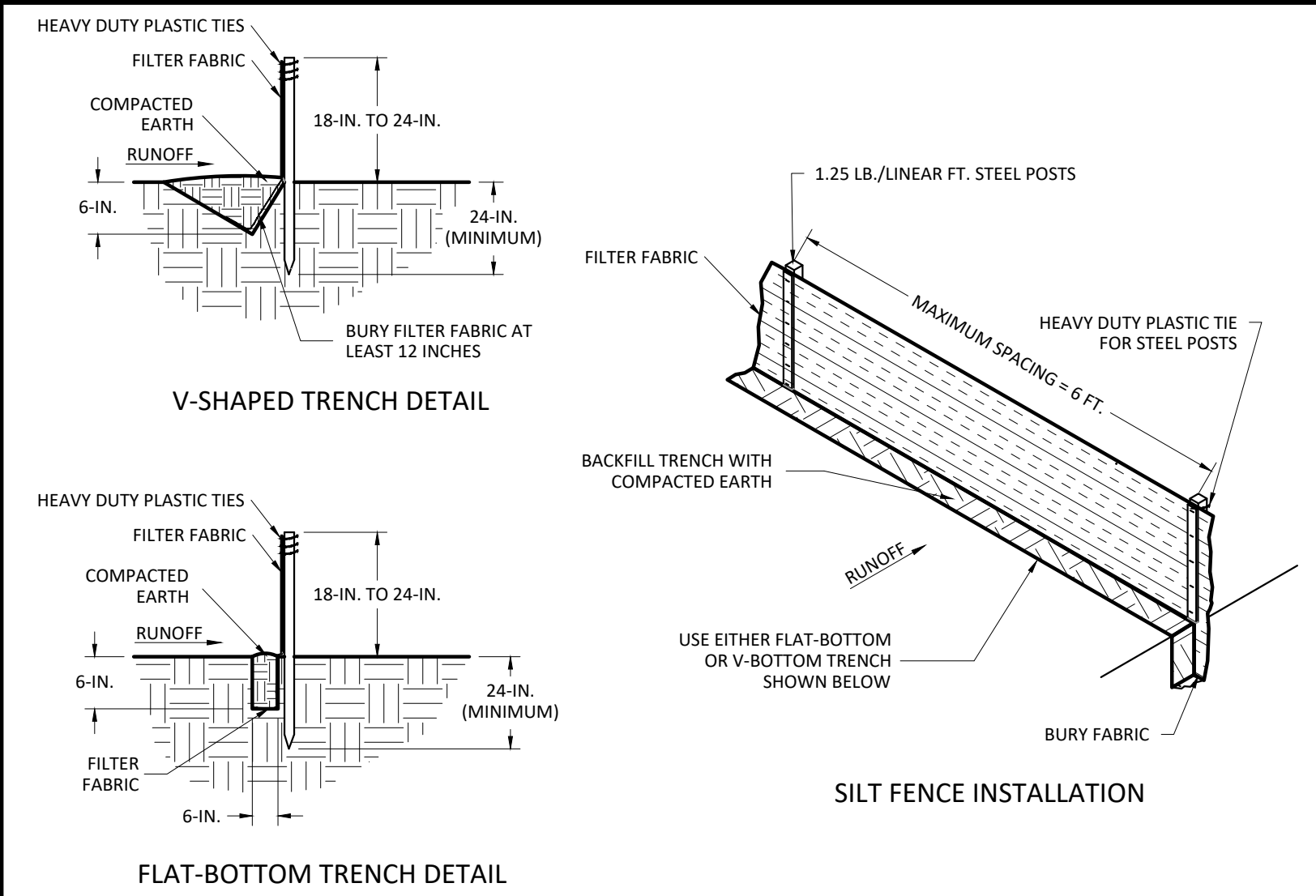
SEDIMENT AND EROSION CONTROL PLAN -
 PHASE 3

SHEET
C2.02

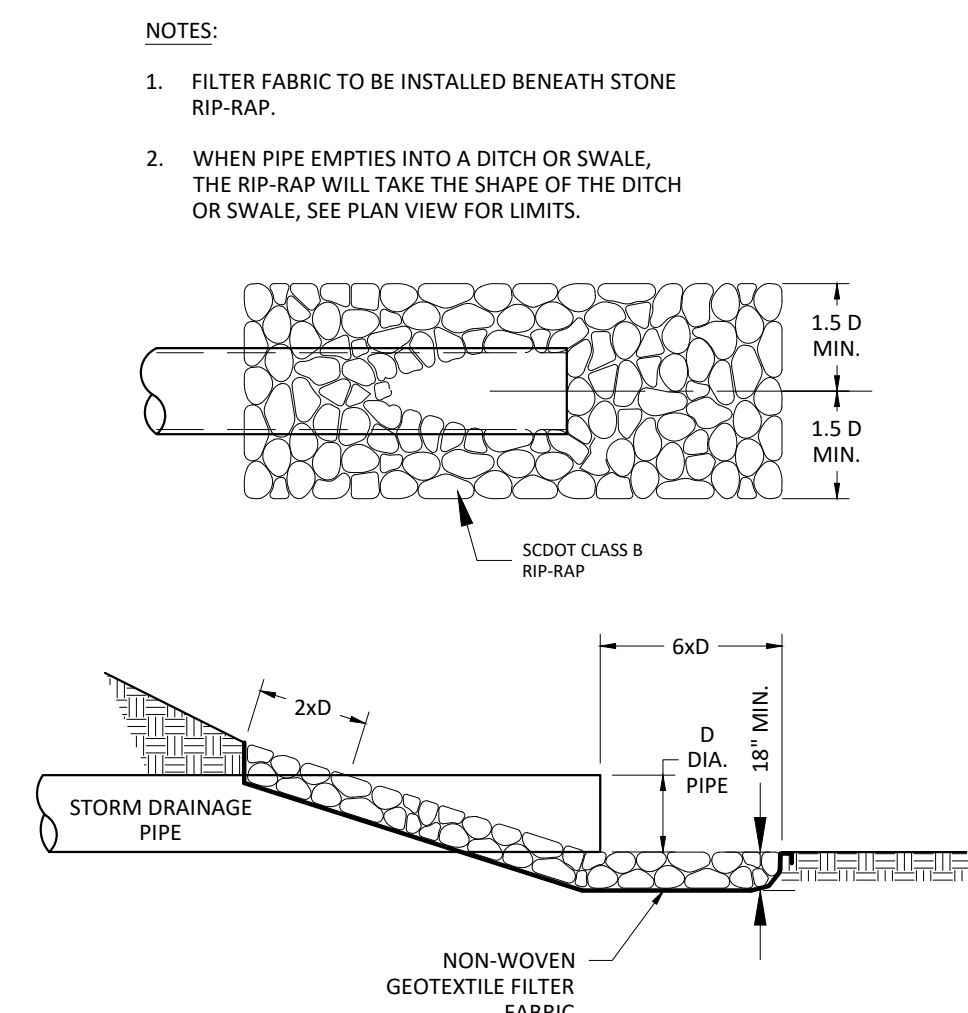
REFER TO THE FOLLOWING SCDOT STANDARD DRAWINGS FOR FURTHER EROSION AND SEDIMENT CONTROL DETAILS.

- 804-305
- 815-605

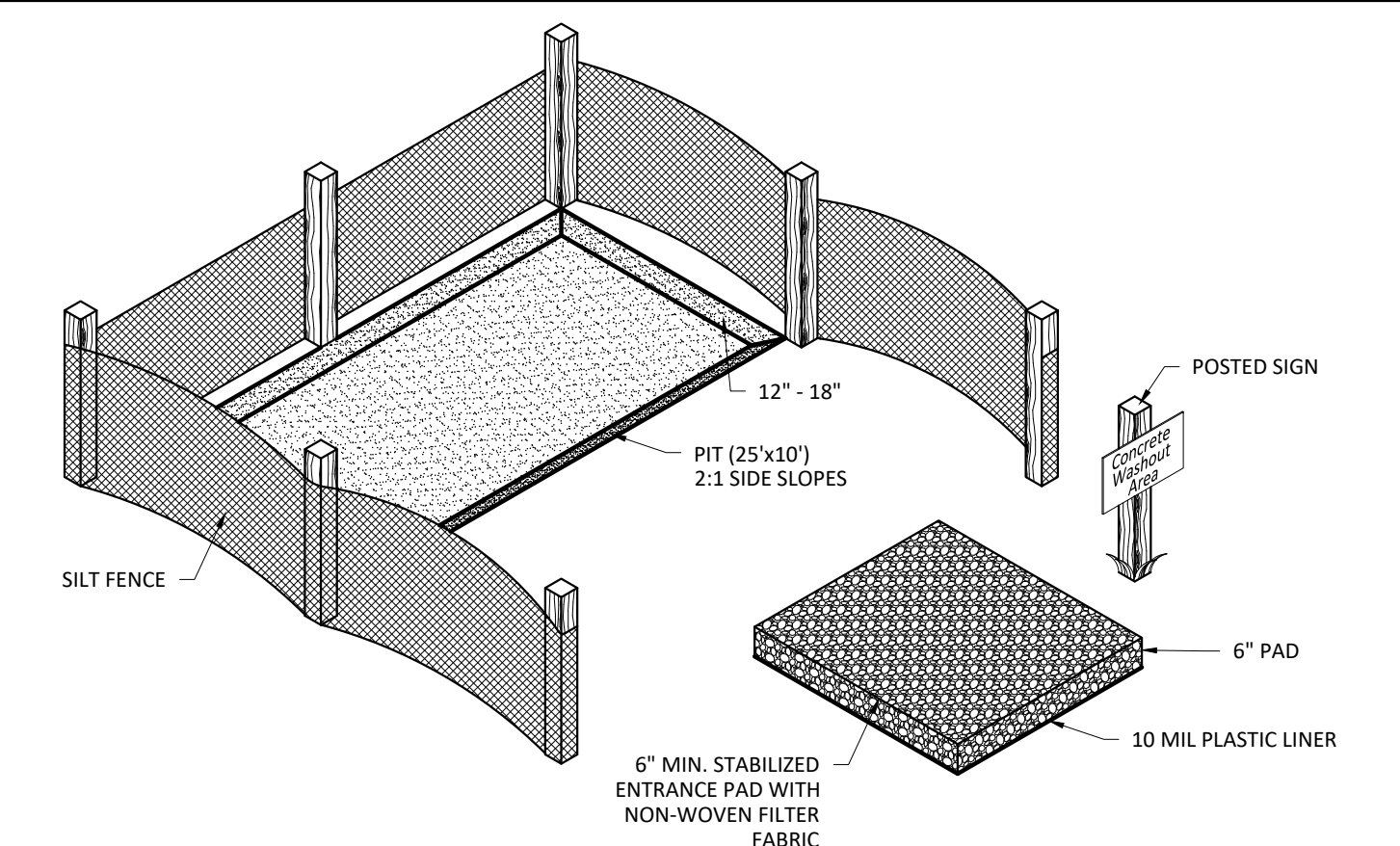
CONTRACTOR TO INSTALL SEDIMENT AND EROSION CONTROL BMP'S PER SCDHEC STORMWATER MANAGEMENT BMP HANDBOOK LATEST EDITION.



SF SILT FENCE
SCALE: N.T.S.



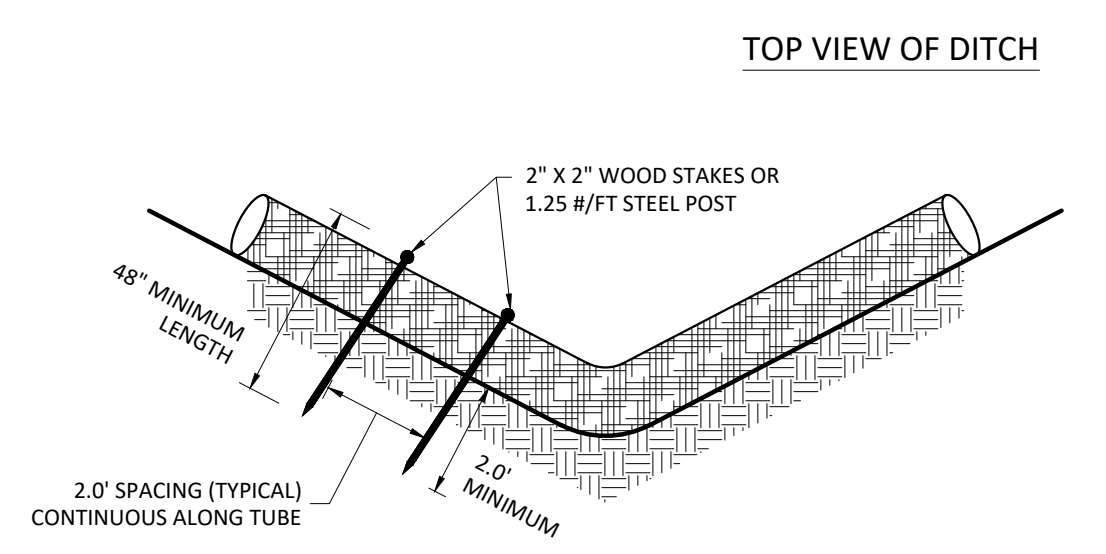
OP RIP-RAP PIPE OUTLET
SCALE: N.T.S.



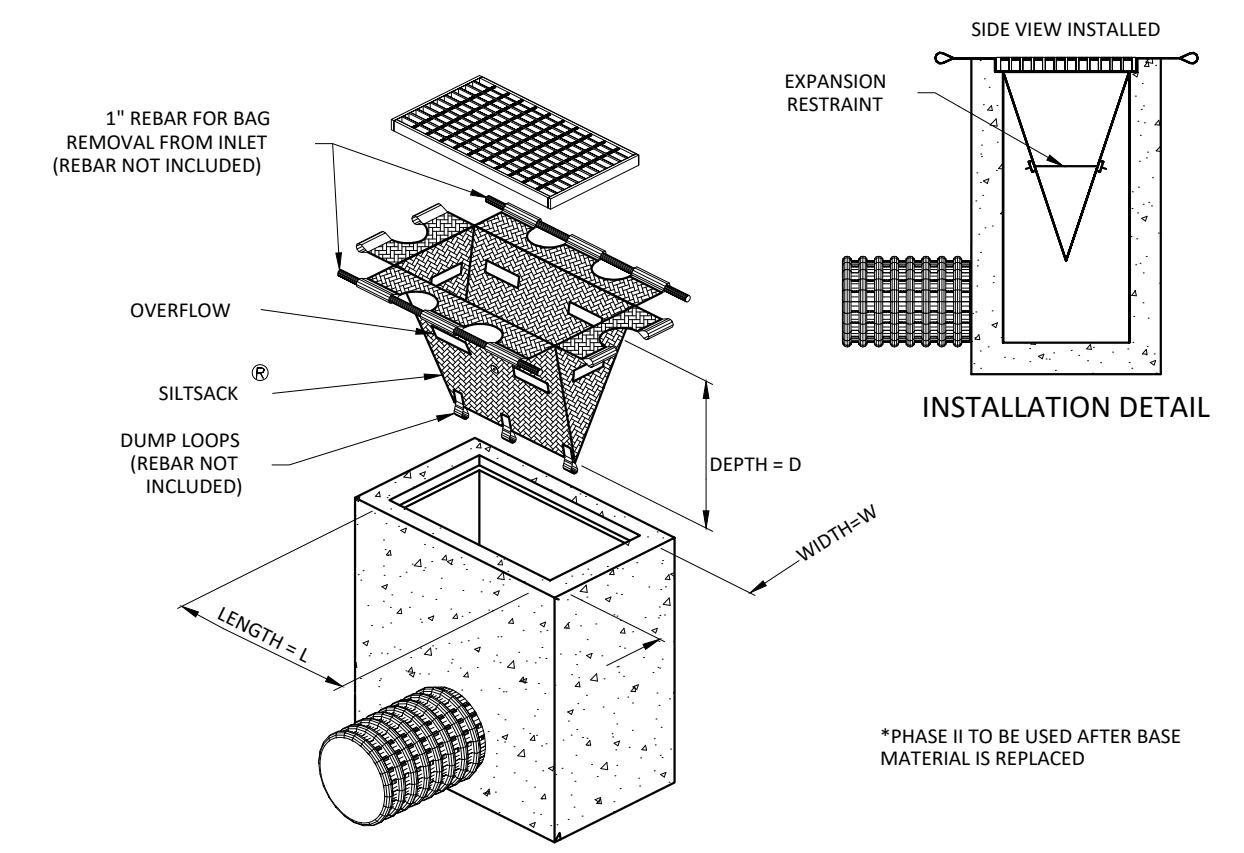
NOTE:
CONTRACTOR TO MAINTAIN THROUGH OUT CONSTRUCTION BY REMOVING CONCRETE & LEGALLY DISPOSING OF WHEN PIT IS FULL.
CONTRACTOR TO MAINTAIN PROPER CONSTRUCTION OF WASH-OUT FACILITY FOR THE DURATION OF THE PROJECT.
CONTRACTOR MAY RELOCATE ON SITE IF NEEDED.

CWA CONCRETE WASHOUT AREA
SCALE: N.T.S.

SEDIMENT TUBE SPACING	
SLOPE	MAXIMUM SEDIMENT TUB SPACING
LESS THAN 2%	150- FEET
2%	100- FEET
3%	75- FEET
4%	50- FEET
5%	40- FEET
6%	30- FEET
GREATER THAN 6%	25- FEET



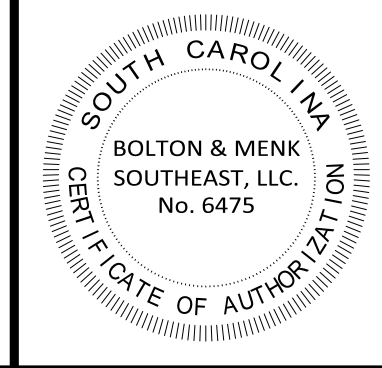
ST SEDIMENT TUBE
SCALE: N.T.S.



IP PHASE 2 INLET PROTECTION
SCALE: N.T.S.

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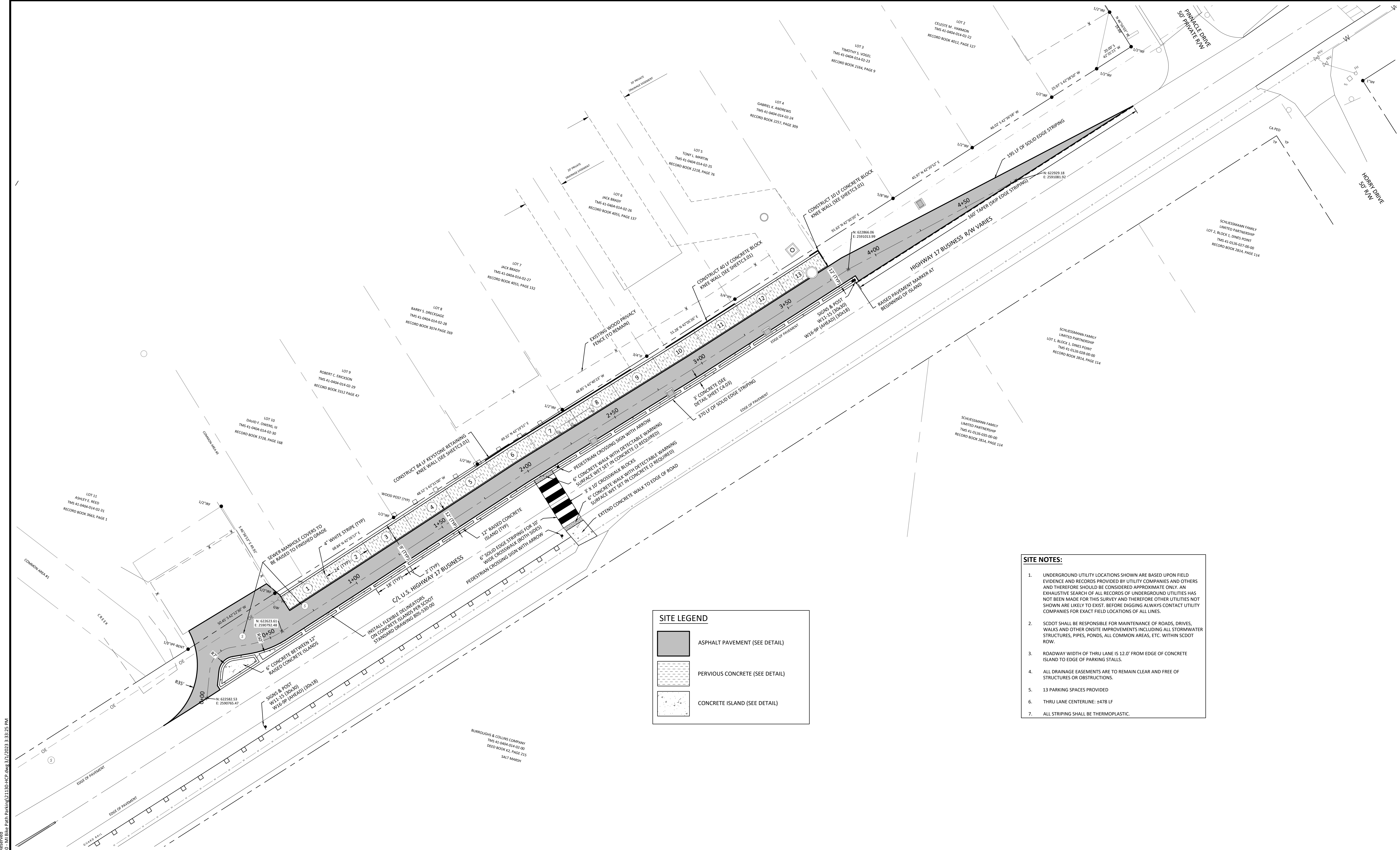
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DESIGNED	TED				
DRAWN	ALL				
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CLIENT PROJ. NO.	21130	NO.	DATE	REVISION DESCRIPTION	BY


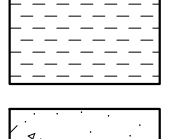
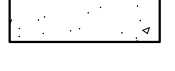
GEORGETOWN COUNTY
MURRELLS INLET BIKE PATH PARKING LOT
GEORGETOWN COUNTY, SOUTH CAROLINA
SEDIMENT AND EROSION CONTROL
DETAILS

SHEET

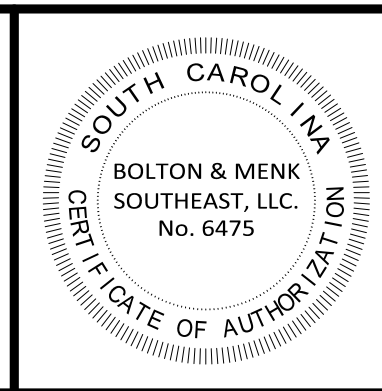
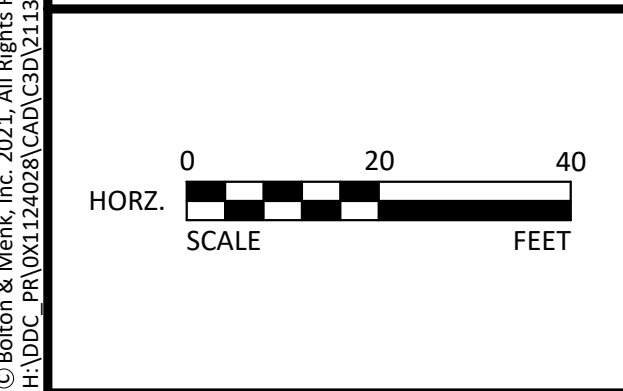
C2.03



SITE LEGEND

-  ASPHALT PAVEMENT (SEE DETAIL)
-  PERVIOUS CONCRETE (SEE DETAIL)
-  CONCRETE ISLAND (SEE DETAIL)

- SITE NOTES:**
- UNDERGROUND UTILITY LOCATIONS SHOWN ARE BASED UPON FIELD EVIDENCE AND RECORDS PROVIDED BY UTILITY COMPANIES AND OTHERS AND THEREFORE SHOULD BE CONSIDERED APPROXIMATE ONLY. AN EXHAUSTIVE SEARCH OF ALL RECORDS OF UNDERGROUND UTILITIES HAS NOT BEEN MADE FOR THIS SURVEY AND THEREFORE OTHER UTILITIES NOT SHOWN ARE LIKELY TO EXIST. BEFORE DIGGING ALWAYS CONTACT UTILITY COMPANIES FOR EXACT FIELD LOCATIONS OF ALL LINES.
 - SCDOT SHALL BE RESPONSIBLE FOR MAINTENANCE OF ROADS, DRIVES, WALKS AND OTHER ONSITE IMPROVEMENTS INCLUDING ALL STORMWATER STRUCTURES, PIPES, PONDS, ALL COMMON AREAS, ETC. WITHIN SCDOT ROW.
 - ROADWAY WIDTH OF THRU LANE IS 12.0' FROM EDGE OF CONCRETE ISLAND TO EDGE OF PARKING STALLS.
 - ALL DRAINAGE EASEMENTS ARE TO REMAIN CLEAR AND FREE OF STRUCTURES OR OBSTRUCTIONS.
 - 13 PARKING SPACES PROVIDED
 - THRU LANE CENTERLINE: ±478 LF
 - ALL STRIPING SHALL BE THERMOPLASTIC.



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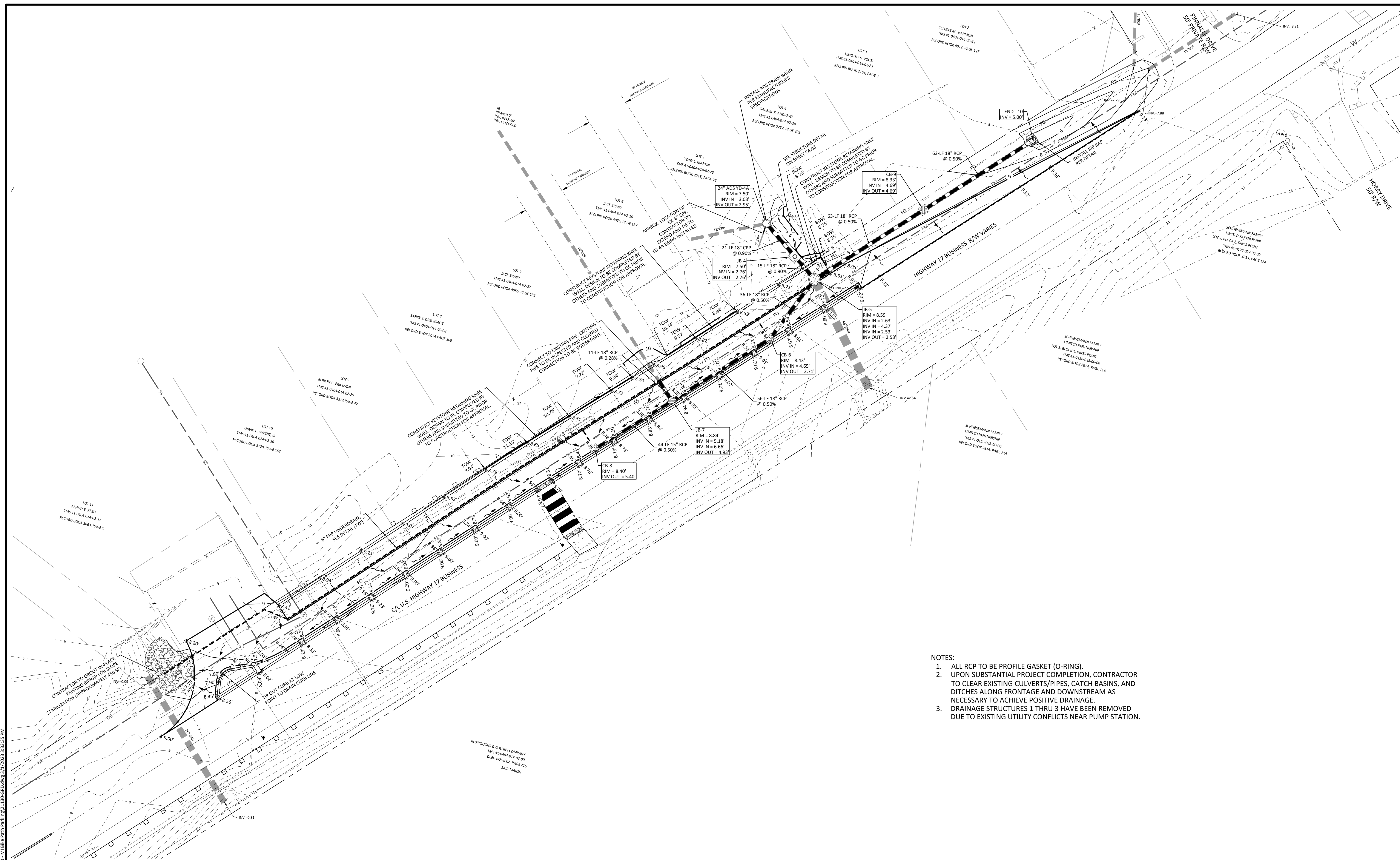
DATE	NO.	DATE	REVISION DESCRIPTION	BY
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SCALE				
1" = 20'				
DESIGNED				
TED				
DRAWN				
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CLIENT PROJ. NO.				
21130				

GEORGETOWN COUNTY
 MURRELLS INLET BIKE PATH PARKING LOT
 GEORGETOWN COUNTY, SOUTH CAROLINA

HORIZONTAL CONTROL PLAN

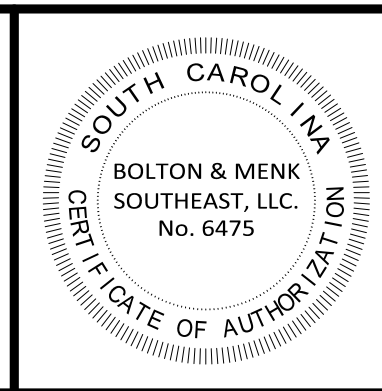
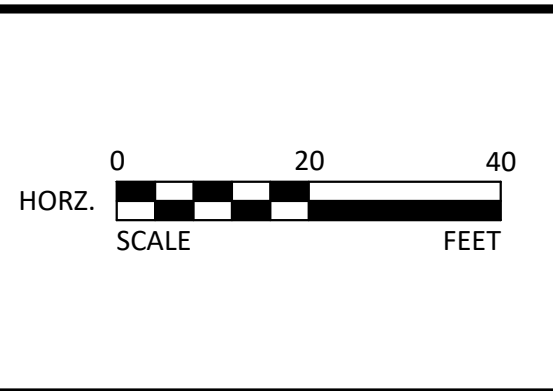
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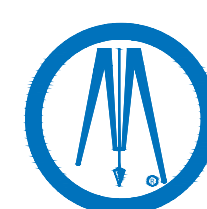
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- NOTES:
1. ALL RCP TO BE PROFILE GASKET (O-RING).
 2. UPON SUBSTANTIAL PROJECT COMPLETION, CONTRACTOR TO CLEAR EXISTING CULVERTS/PIPES, CATCH BASINS, AND DITCHES ALONG FRONTAGE AND DOWNSTREAM AS NECESSARY TO ACHIEVE POSITIVE DRAINAGE.
 3. DRAINAGE STRUCTURES 1 THRU 3 HAVE BEEN REMOVED DUE TO EXISTING UTILITY CONFLICTS NEAR PUMP STATION.

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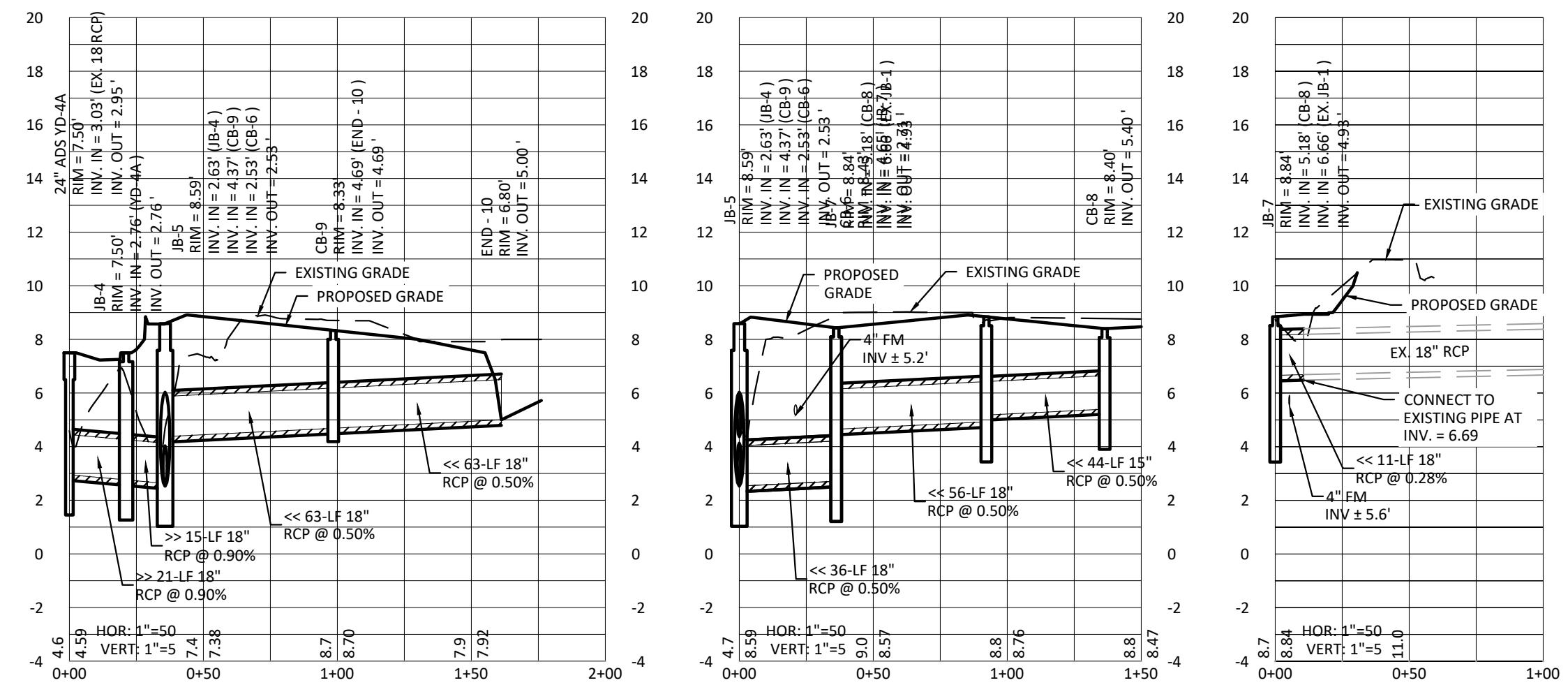
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 MURRELLS INLET BIKE PATH PARKING LOT
 GEORGETOWN COUNTY, SOUTH CAROLINA

GRADING AND DRAINAGE PLAN

SHEET
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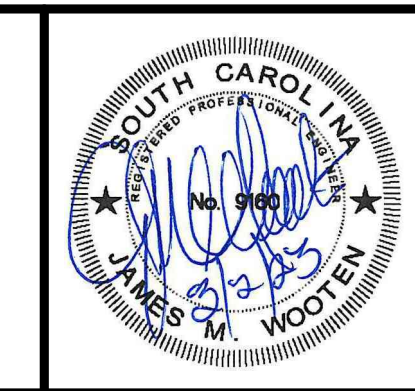
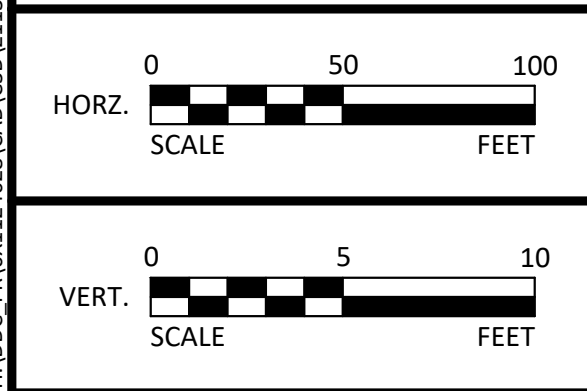


DRAINAGE PROFILES

SCALE: HORZ: 1" = 50'
VERT: 1" = 5'

- NOTE:
1. DRAINAGE STRUCTURES 1 THRU 3 HAVE BEEN REMOVED DUE TO EXISTING UTILITY CONFLICTS NEAR PUMP STATION.

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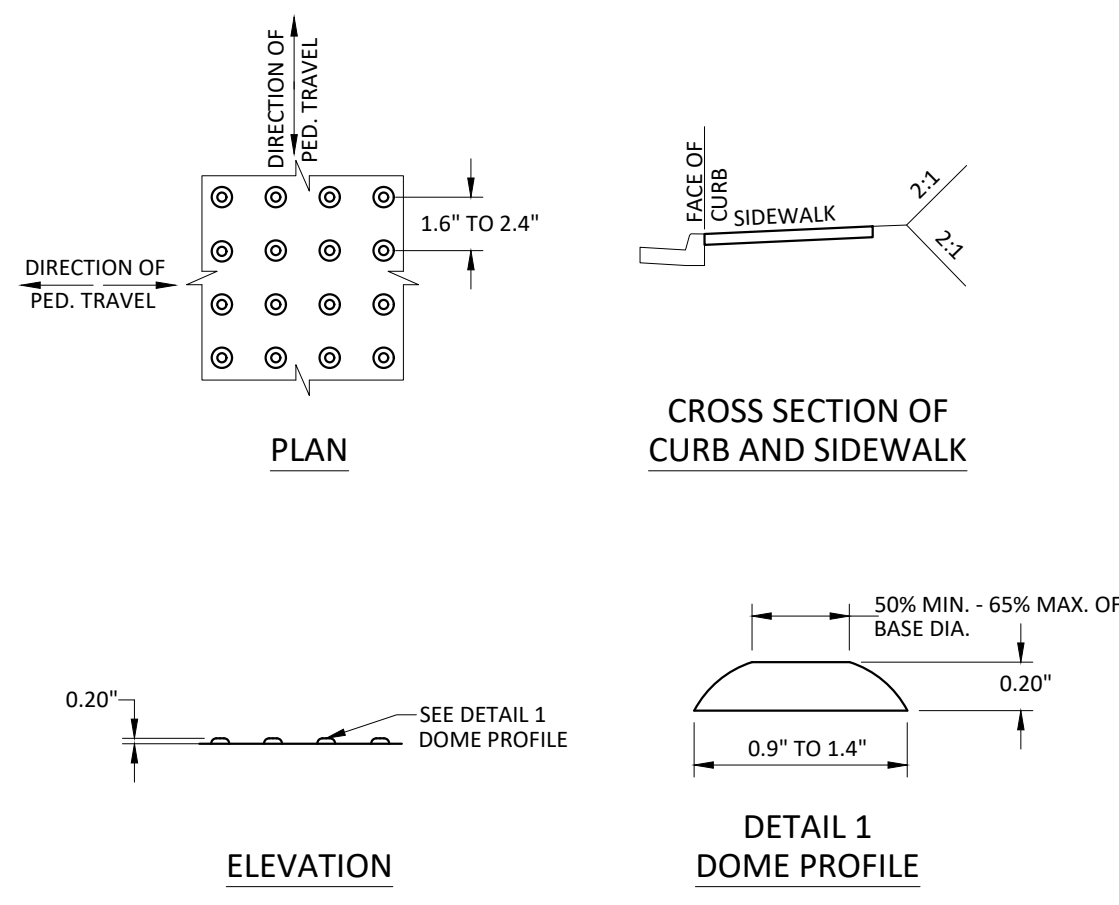
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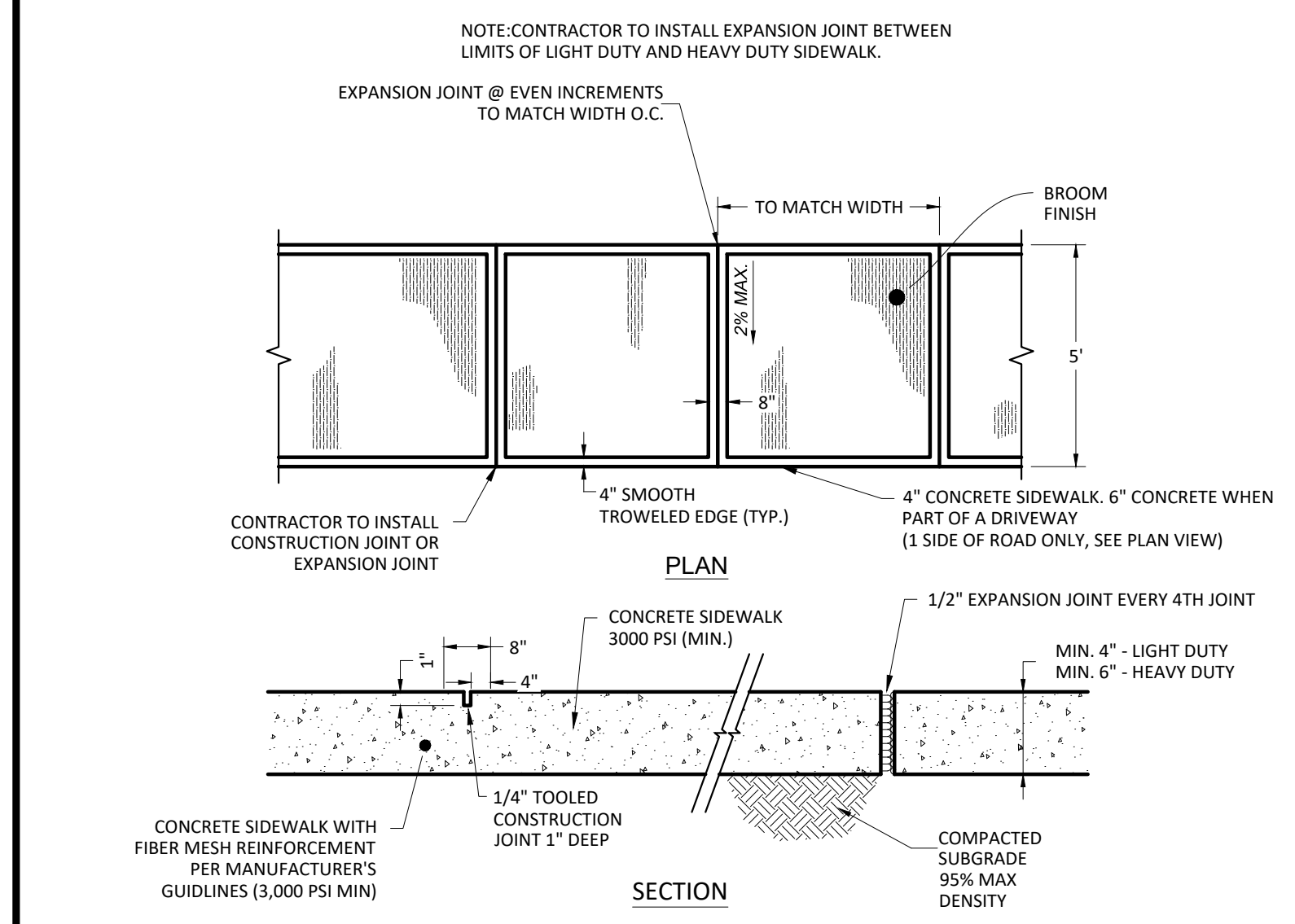
GEORGETOWN COUNTY
MURRELLS INLET BIKE PATH PARKING LOT
GEORGETOWN COUNTY, SOUTH CAROLINA

DRAINAGE PROFILES

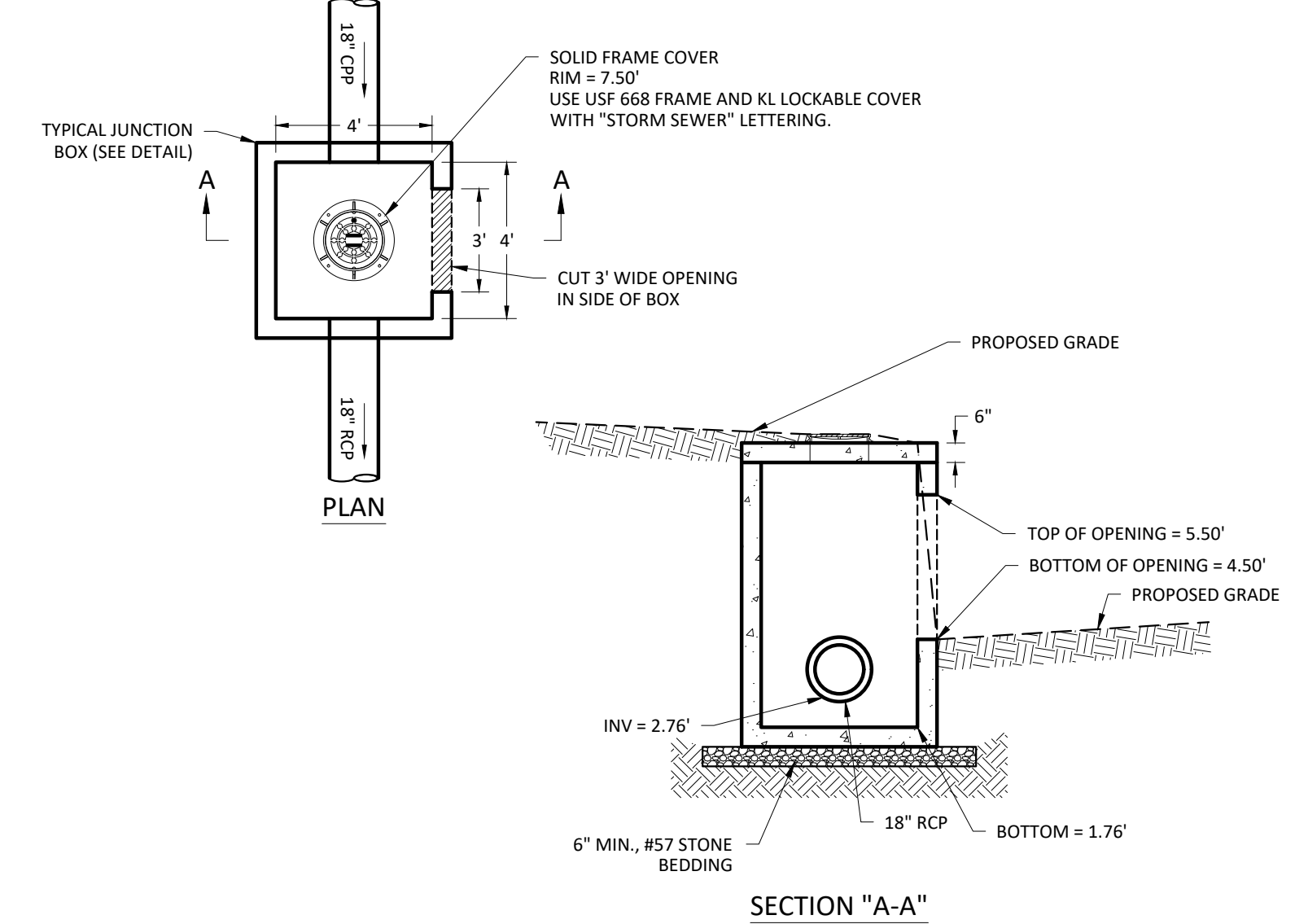
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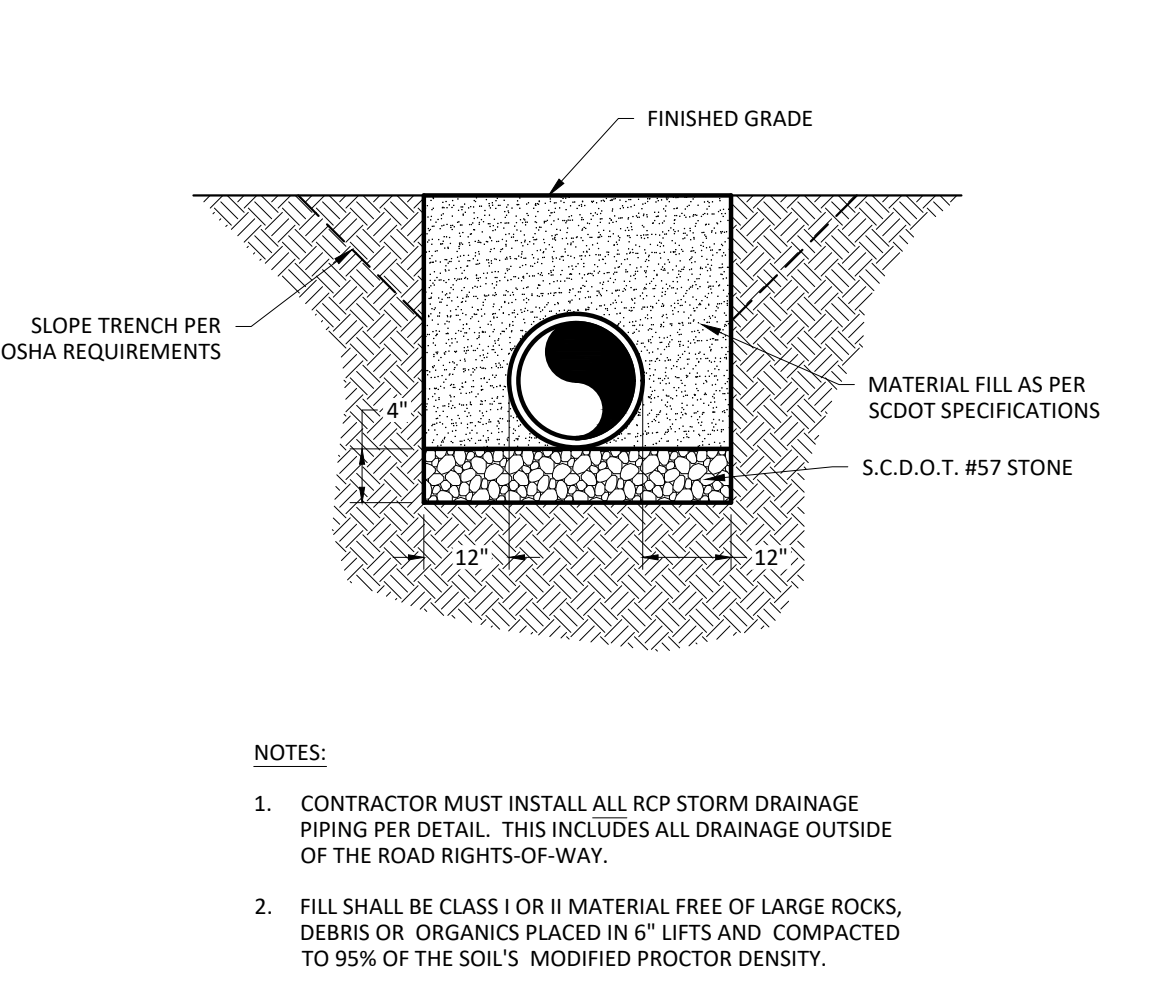
TACTILE WARNING SURFACE TREATMENT DETAIL
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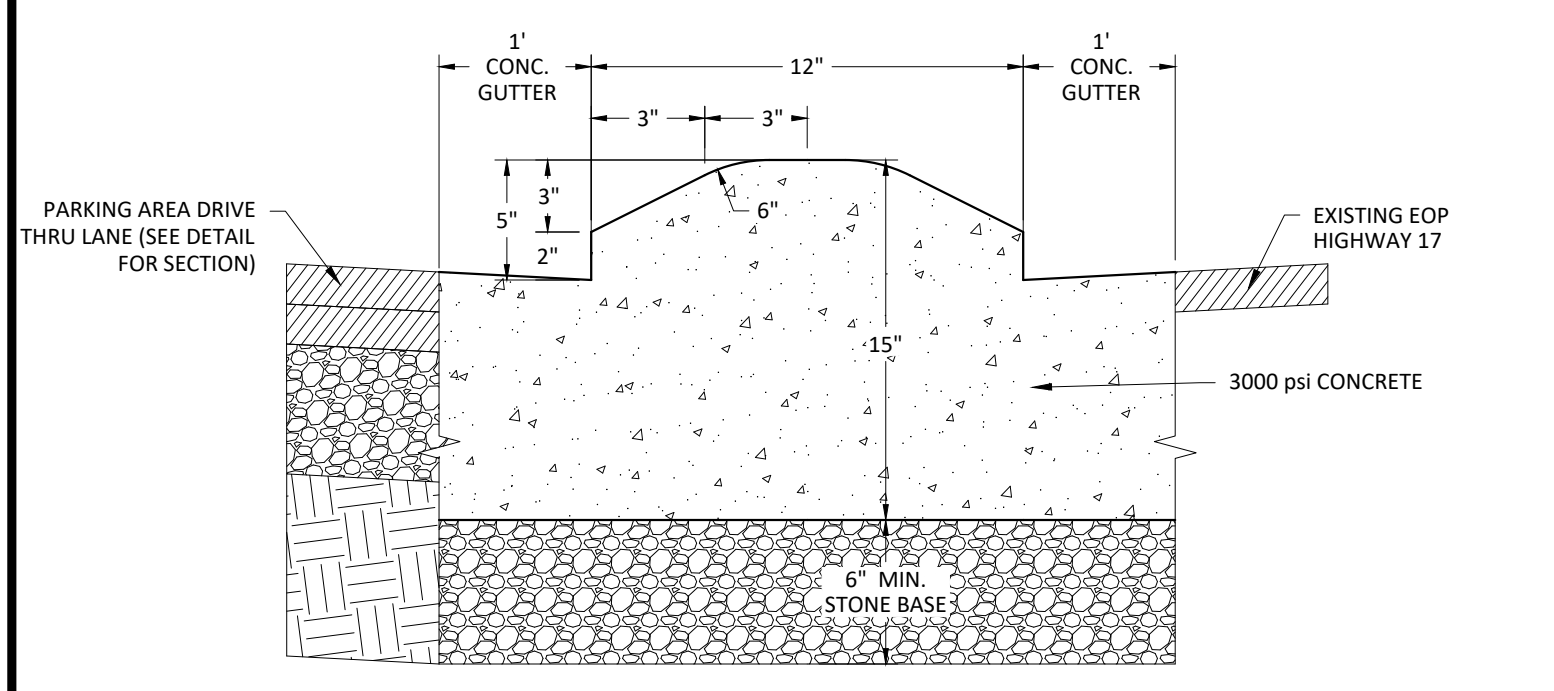
SIDEWALK DETAIL
SCALE: N.T.S.



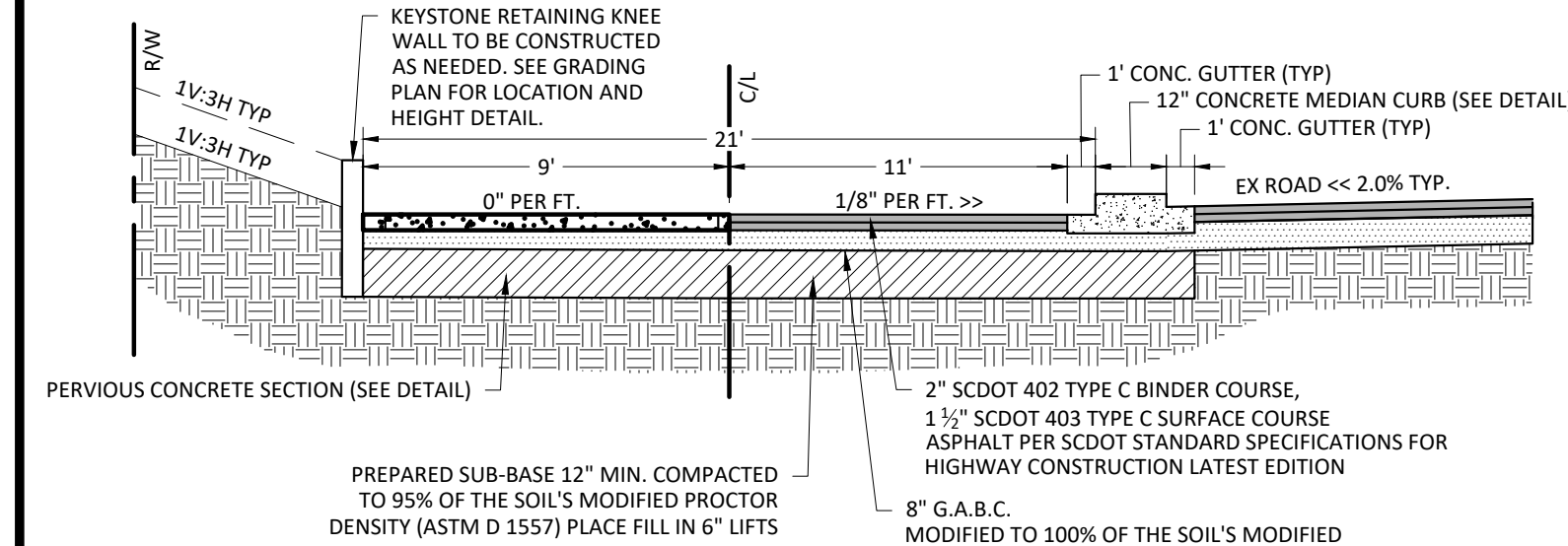
JB-4 STRUCTURE DETAIL
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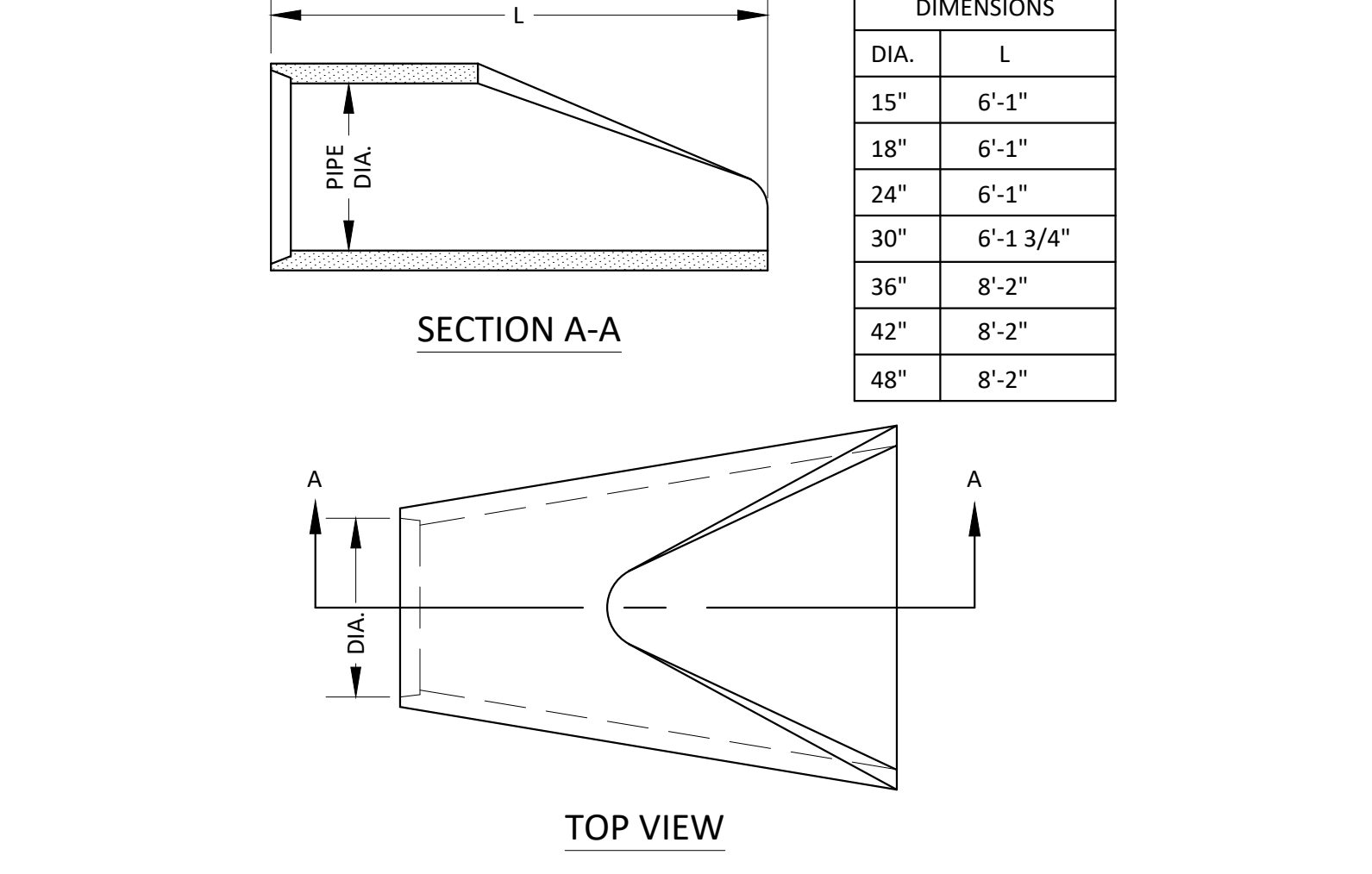
REINFORCED CONCRETE PIPE BEDDING
SCALE: N.T.S.



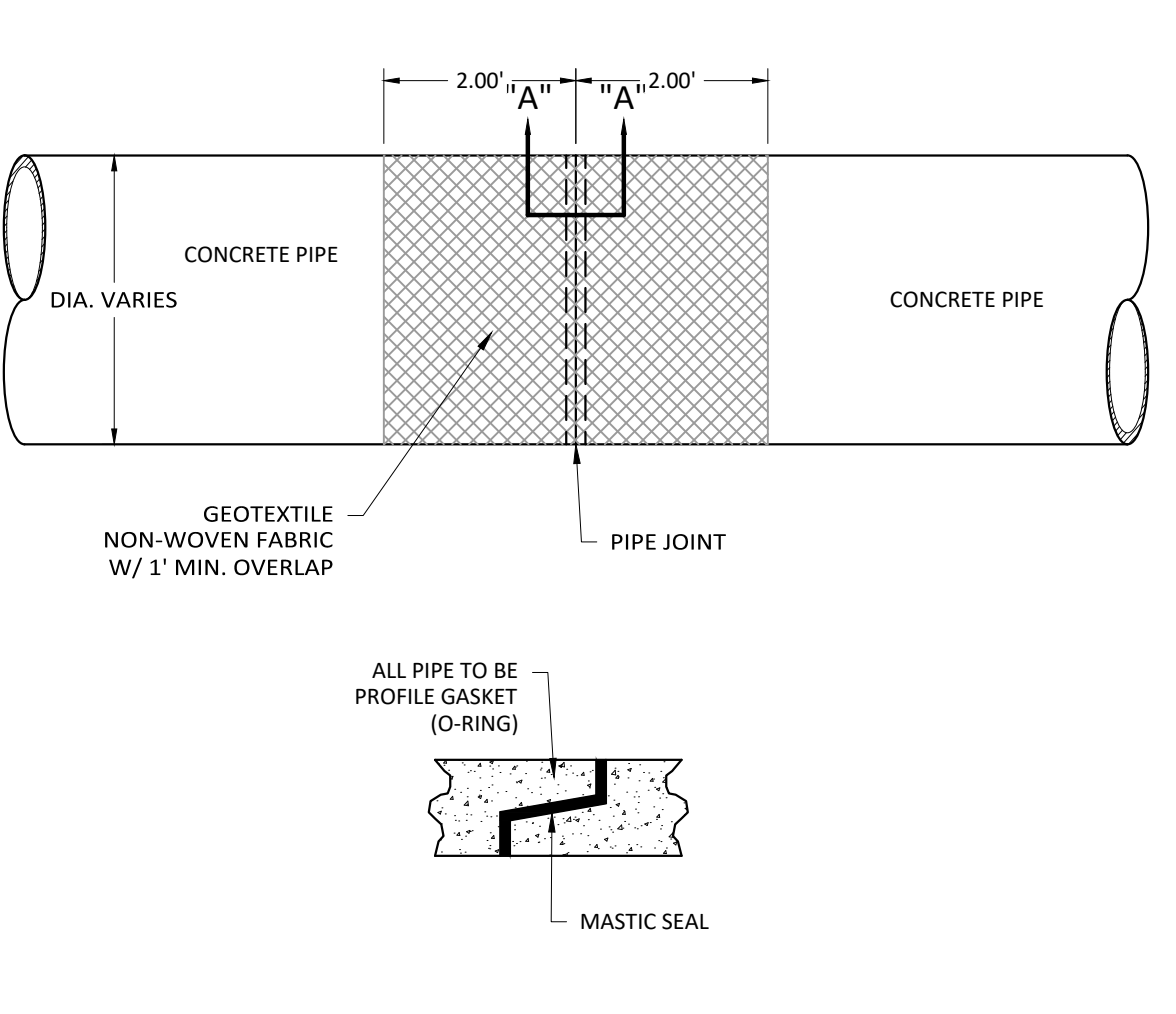
12" CONCRETE MEDIAN CURB
SCALE: N.T.S.



TYPICAL SECTION - ASPHALT PAVEMENT
SCALE: N.T.S.



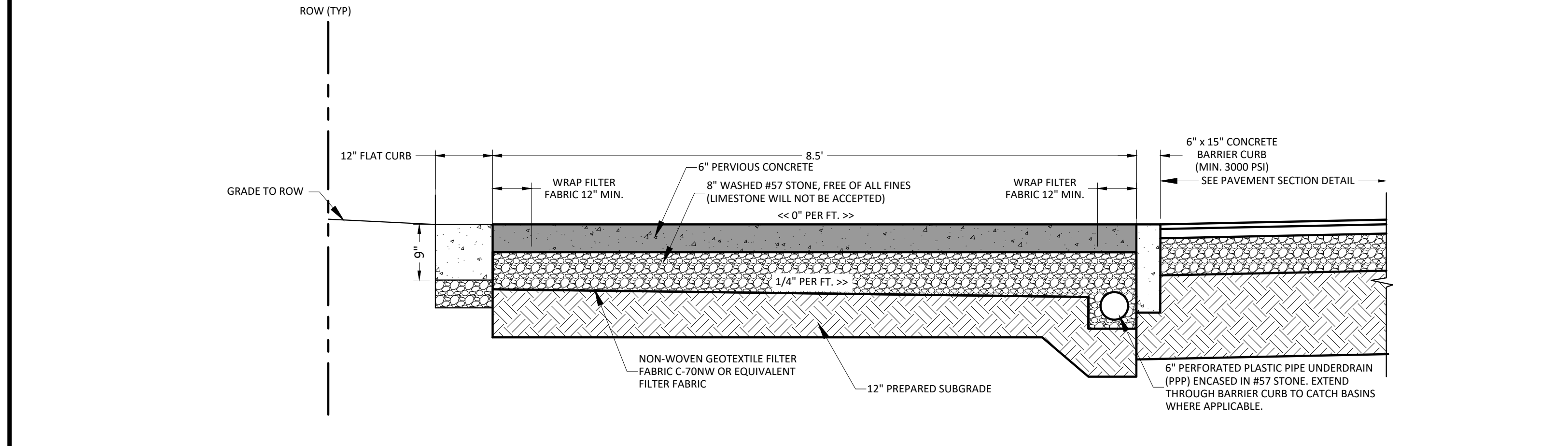
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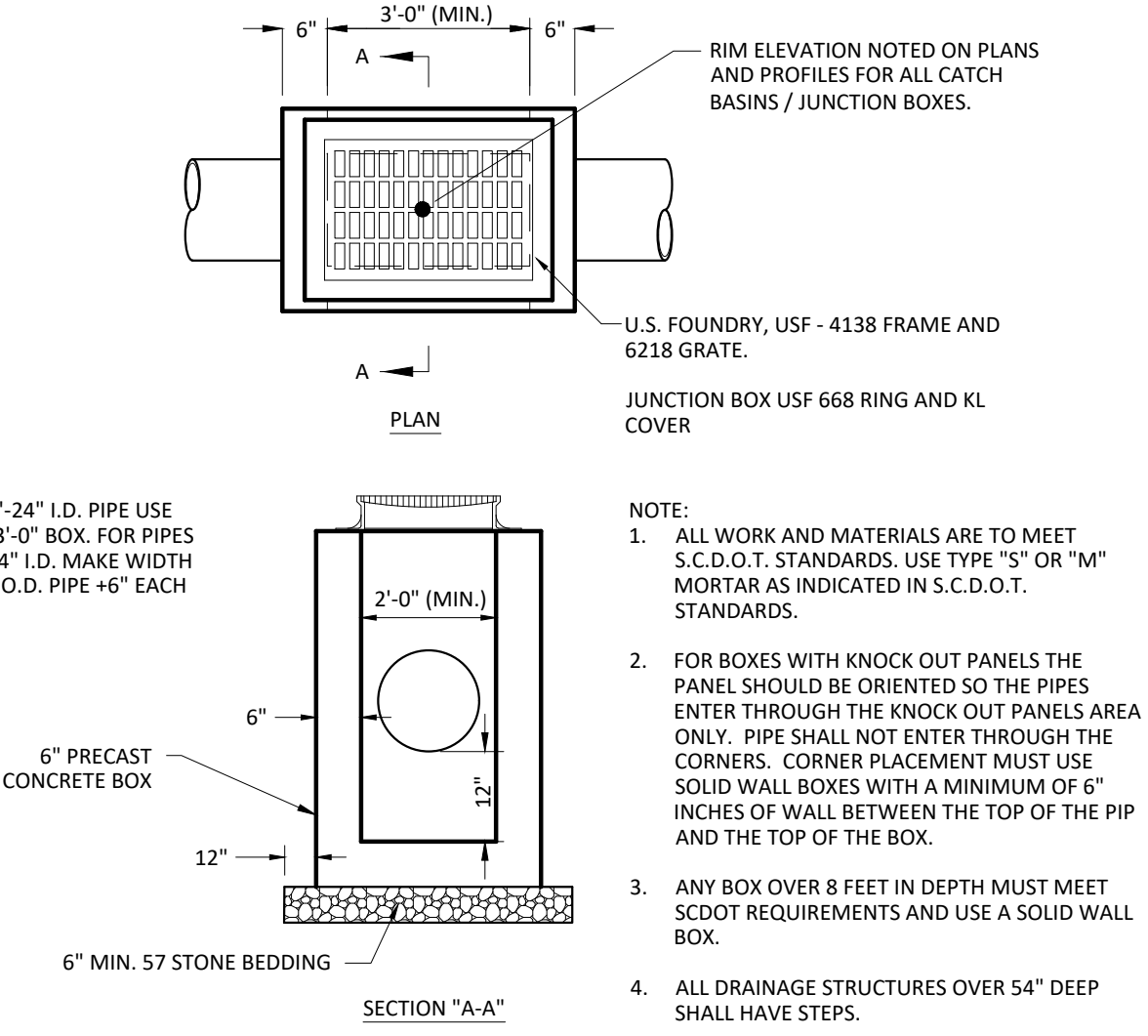
PIPE JOINT
SCALE: N.T.S.

REFER TO THE FOLLOWING SCDOT STANDARD DRAWINGS FOR FURTHER SITE AND DRAINAGE DETAILS.

- 602-005
- 610-005
- 714-005
- 719-105
- 719-110
- 720-901
- 720-910
- 802-205



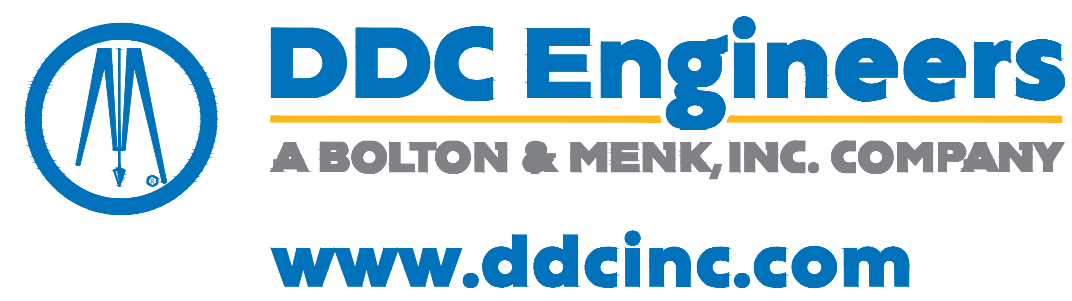
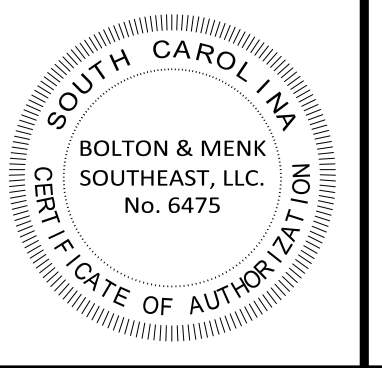
PERVIOUS CONCRETE SECTION
SCALE: N.T.S.



TYPICAL CATCH BASIN / JUNCTION BOX
SCALE: N.T.S.

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NOT TO SCALE



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DATE	11/19/21				
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GEORGETOWN COUNTY
MURRELLS INLET BIKE PATH PARKING LOT
GEORGETOWN COUNTY, SOUTH CAROLINA

SITE DETAILS

SHEET

C4.03

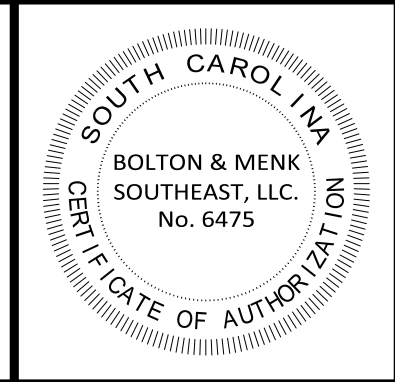
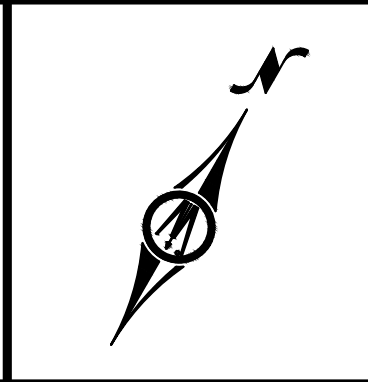
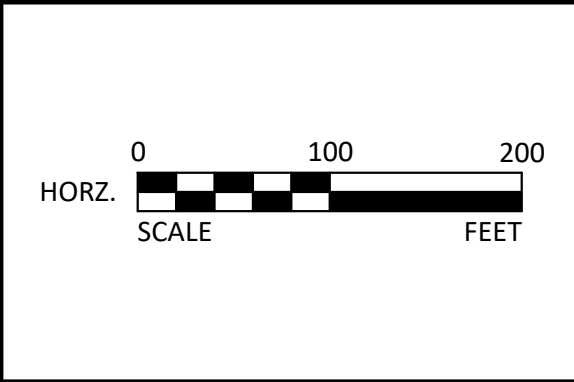
TRAFFIC CONTROL NOTES:

1. FOR FURTHER DETAIL, REFER TO SCDOT STANDARD DRAWING 610-005-30 FOR FLAGGING AND CLOSURE SIGNAGE AND OPERATIONS INCLUDING SIGN PLACEMENT INTERVALS, BUFFER AND TAPER LENGTHS.
2. THE CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN THE DEVICES IN THIS TRAFFIC CONTROL PLAN UNLESS OTHERWISE NOTED, FOR THE DURATION OF RELATED CONSTRUCTION ACTIVITIES.
3. FIELD CONDITIONS MAY REQUIRE MODIFICATIONS TO THIS LAYOUT.
4. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM AND BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION ON THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND INCLUDING THE LATEST FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS. TRAFFIC CONTROL NOT IN COMPLIANCE WITH THE MUTCD WILL BE SUBJECT TO VIOLATION.
5. PLACE ADVANCED NOTICE SIGNS 7 DAYS IN ADVANCE OF CLOSURE.
6. TRAFFIC DIVERSION PLAN IS EXPECTED TO BE IN PLACE FOR 48 HOURS. CONTRACTOR SHALL CONTACT AND COORDINATE WITH HORRY COUNTY IF DIVERSION IS NEEDED FOR AN EXTENDED PERIOD OF TIME.



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DATE	11/19/21				
SCALE	1" = 100'				
DESIGNED	TED				
DRAWN	ALL				
CHECKED	JTW	2	12/19/2022	REVISED DRAINAGE ON LOT 5	TED
		1	12/8/2021	REVISED PER COUNTY / SCDOT COMMENTS RECEIVED	TED
CLIENT PROJ. NO.	21130	NO.	DATE	REVISION DESCRIPTION	BY

GEORGETOWN COUNTY
MURRELLS INLET BIKE PATH PARKING LOT
GEORGETOWN COUNTY, SOUTH CAROLINA
TRAFFIC CONTROL PLAN

SHEET
C5.01