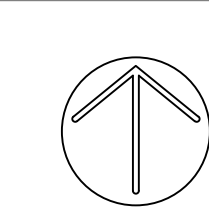
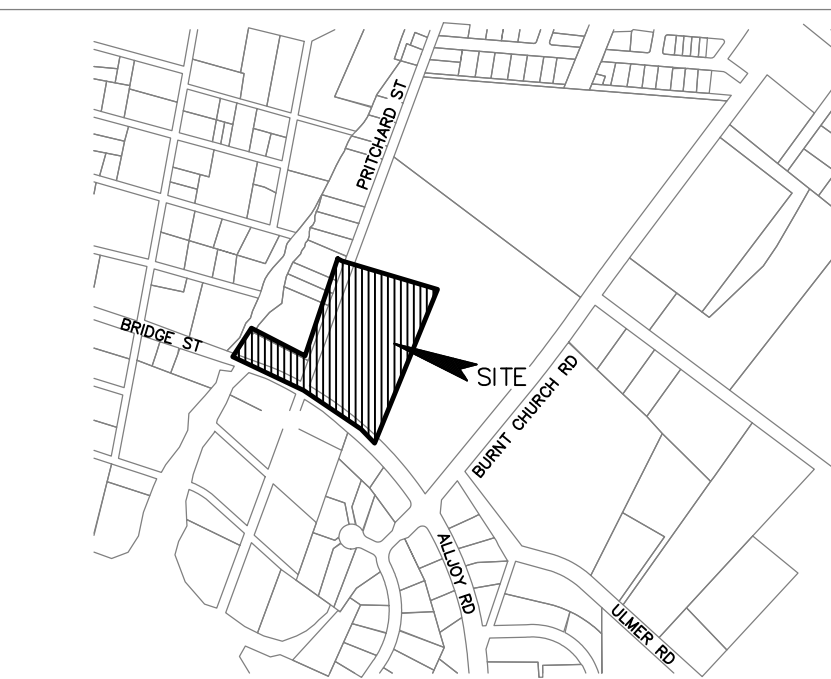


SITE DEVELOPMENT PLANS FOR TOWN HALL PARKING LOT IMPROVEMENTS

TOWN OF BLUFFTON, SOUTH CAROLINA

VICINITY MAP (NOT TO SCALE)



GENERAL NOTES:

- BOUNDARY INFORMATION PROVIDED BY AN ASBLUIT, BOUNDARY, TREE AND TOPOGRAPHIC SURVEY, DATED 7-11-17, BY SEA ISLAND LAND SURVEYING, LLC.
- TOPOGRAPHIC DATA PROVIDED BY SEA ISLAND LAND SURVEYING, LLC, DATED 7-11-17.
- APPROXIMATE LOCATION OF CERTAIN EXISTING UNDERGROUND UTILITY LINES AND STRUCTURES ARE SHOWN ON THE PLANS FOR INFORMATION ONLY. ADDITIONAL UNDERGROUND LINES OR STRUCTURES MAY EXIST THAT ARE NOT SHOWN. CALL SOUTH CAROLINA 811 AT 811 OR 1-888-721-7877 BETWEEN THE HOURS OF 7:00 AM AND 7:00 PM MONDAY THRU FRIDAY AT LEAST THREE WORKING DAYS BEFORE COMMENCING CONSTRUCTION. REQUEST UNDERGROUND UTILITIES TO BE LOCATED AND MARKED WITHIN AND NEAR THE CONSTRUCTION SITE.
- COMPLY WITH "SOUTH CAROLINA UNDERGROUND FACILITY DAMAGE PREVENTION ACT (EFFECTIVE JUNE 7, 2012), NOTIFICATION OF INTENT TO EXCAVATE MAY BE GIVEN BY CALLING THE TOLL FREE NUMBER: 1-800-922-0963.
- PROTECT BENCH MARKS AND PROPERTY MONUMENTS FROM DAMAGE DURING CONSTRUCTION OPERATIONS. REPLACE ANY BENCH MARKS OR MONUMENTS DAMAGED OR DESTROYED AS A RESULT OF CONTRACTOR'S OPERATIONS, AT NO COST TO THE OWNER, BY A LICENSED SURVEYOR IN THE STATE OF SOUTH CAROLINA.
- OFF-STREET PARKING FOR THE CONTRACTOR'S EMPLOYEES AND AUTHORIZED VISITORS TO THE SITE MUST BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR ADHERING TO WEIGHT LIMITS PRESCRIBED FOR ALL PUBLIC ROADS WHEN HAULING EQUIPMENT AND MATERIALS TO AND FROM THE PROJECT SITE. DAMAGES TO EXISTING PAVEMENT DUE TO THE CONTRACTOR'S CONSTRUCTION OPERATIONS OR IMPROPER TRANSPORTATION OF MATERIALS AND EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- AT LEAST ONE DRIVING LANE ON PUBLIC ROADS SHALL REMAIN OPEN TO TRAFFIC AT ALL TIMES. TRAFFIC LANES WILL ONLY BE CLOSED WITH THE EXPRESS WRITTEN CONSENT OF THE AGENCY HAVING JURISDICTION OVER THE ROADWAY. NOTIFY AGENCY HAVING JURISDICTION AT LEAST 5 DAYS BEFORE CLOSING ANY DRIVING LANES TO TRAFFIC. PROVIDE TRAFFIC CONTROL DEVICES, SIGNS AND FLAGMEN AS REQUIRED TO ENSURE PUBLIC SAFETY.
- CONTRACTOR SHALL COORDINATE DEMOLITION, CLEARING AND CONSTRUCTION OF IMPROVEMENTS TO MINIMIZE INTERFERENCE WITH VEHICULAR AND PEDESTRIAN TRAFFIC AND WITH OPERATIONS OF EXISTING FACILITIES.

WATER AND SEWER LINE CONSTRUCTION:

- ALL WATER AND SEWER LINE CONSTRUCTION SHALL CONFORM TO APPLICABLE STATE AND BEAUFORT JASPER WATER SEWER AUTHORITY (BWSA) REQUIREMENTS AND SPECIFICATIONS.
- BWSA WILL BE RESPONSIBLE FOR INSPECTION AND APPROVAL OF ALL WATER AND SEWER SYSTEM CONSTRUCTION AND FOR ACCEPTANCE FOR OPERATION AND MAINTENANCE.
- ALL UTILITIES SHOWN ARE APPROXIMATE LOCATIONS. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFICATION OF ALL UTILITY OWNERS AND FOR FIELD VERIFICATION OF BOTH HORIZONTAL AND VERTICAL LOCATIONS PRIOR TO COMMENCING CONSTRUCTION. ANY DAMAGES TO EXISTING UTILITIES DUE TO THIS CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- NOTIFY THE PROJECT ENGINEER, IF CONFLICTS WITH EXISTING STRUCTURES REQUIRE THAT PROPOSED UTILITIES BE RELOCATED.
- THE CONTRACTOR MUST NOTIFY BWSA FORTY-EIGHT (48) HOURS PRIOR TO ANY CONSTRUCTION, INSPECTION OR TESTING OF THE WATER DISTRIBUTION SYSTEM.
- PIPE, FITTINGS, VALVES AND APPURTENANCES FOR WATER AND SEWER LINES SHALL ALL BE IN ACCORDANCE WITH THE REQUIREMENTS CONTAINED IN THE BWSA TECHNICAL SPECIFICATIONS.
- INSTALLATION OF WATER AND SEWER LINES AND APPURTENANCES SHALL BE IN ACCORDANCE WITH THE BWSA STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS.
- CONTRACTOR SHALL INSTALL MECHANICAL RESTRAINTS ON ALL BENDS, PLUGS AND TEES, 2" OR LARGER, ON WATERLINES AND SANITARY SEWER FORCE MAINS.
- ALL WATER MAINS SHALL BE STERILIZED AND PRESSURE TESTED IN ACCORDANCE WITH BWSA SPECIFICATIONS.
- SEPARATION OF WATER MAINS AND SEWERS:
 - PARALLEL INSTALLATION: UNLESS OTHERWISE SPECIFICALLY SHOWN IN A SPECIAL DETAIL ON THE PLANS, INSTALL WATER MAINS AT LEAST 10-FT. HORIZONTALLY FROM ANY EXISTING OR PROPOSED SANITARY SEWER OR SANITARY SEWER FORCE MAIN, THE DISTANCE BEING MEASURED IN A HORIZONTAL PLANE BETWEEN THE OUTSIDE SURFACES OF THE PIPES.
 - CROSSINGS: UNLESS OTHERWISE SPECIFICALLY SHOWN IN A SPECIAL DETAIL ON THE PLANS, INSTALL WATER LINES CROSSING SANITARY SEWERS OR SANITARY SEWER FORCE MAINS TO PROVIDE A MINIMUM VERTICAL SEPARATION OF 18-INCHES BETWEEN THE OUTSIDE SURFACES OF THE PIPES. THIS SHALL BE THE CASE WHETHER THE WATER LINE IS ABOVE OR BELOW THE SANITARY SEWER LINE. WHENEVER POSSIBLE LOCATE THE WATER LINE ABOVE THE SEWER LINE. WHERE A NEW WATER LINE CROSSES A NEW SEWER LINE, PLACE A FULL LENGTH OF DUCTILE IRON PIPE FOR WATER LINE AT THE CROSSING WITH PIPE POSITIONED SO THAT THE JOINTS ARE AS FAR AS POSSIBLE FROM THE POINT OF CROSSING. WHERE A NEW WATER LINE CROSSES AN EXISTING SEWER LINE, PLACE ONE FULL LENGTH OF DUCTILE IRON PIPE WATER LINE SO THAT THE JOINTS ARE AS FAR FROM THE POINT OF CROSSING AS POSSIBLE.
- THE CONTRACTOR SHALL CUT AND PATCH EXISTING PAVEMENT AS REQUIRED FOR THE INSTALLATION OF UTILITY LINES.
- SANITARY MANHOLE RIM GRADES SHOWN ARE APPROXIMATE. ADJUST RIM ELEVATIONS TO BE FLUSH WITH FINISHED GRADE.
- THE CONTRACTOR UNDER THIS CONTRACT SHALL NOT MAKE ANY CONNECTIONS TO THE EXISTING WATER OR SANITARY SEWER SYSTEMS UNLESS EXPRESSLY AUTHORIZED TO DO SO BY THE BWSA. ALL WATER AND SEWER IMPROVEMENTS UNDER THIS CONTRACT MUST BE CONSTRUCTED COMPLETE, TESTED, INSPECTED AND APPROVED BY THE BWSA BEFORE ANY AUTHORIZATION TO CONNECT WILL BE GIVEN. COORDINATION OF TESTING, INSPECTION AND CONNECTIONS WITH THE BWSA IS THE RESPONSIBILITY OF THE CONTRACTOR UNDER THIS CONTRACT.
- ALL WATER MAINS SHALL BE INSTALLED WITH THIRTY-SIX (36") MINIMUM COVER (FROM FINISHED GRADE). MAXIMUM DEPTH SHALL BE FIVE FEET (5'), WHERE WATER MAINS MAY CONFLICT WITH OTHER UTILITIES, THE WATER MAIN CROSSING SHALL BE CONSTRUCTED WITH DUCTILE IRON PIPE, MECHANICAL JOINT 45-DEG. BENDS AND MECHANICAL RESTRAINTS.

WORK ON SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY:

- CONTRACTOR SHALL REVIEW AND COMPLY WITH ALL CONDITIONS AND SPECIAL PROVISIONS CONTAINED IN THE SCOTD ENCROACHMENT PERMIT(S) ISSUED FOR THIS PROJECT.
- CONTRACTOR IS RESPONSIBLE FOR SUBMITTING CONSTRUCTION NOTIFICATION FORM (48 HOUR MINIMUM) AND COORDINATION OF ALL WORK WITHIN SCOTD RIGHTS-OF-WAY WITH THE LOCAL AND/OR DISTRICT SCOTD ENGINEERING REPRESENTATIVE.
- CONTRACTOR IS RESPONSIBLE FOR PREPARING AND SUBMITTING A TRAFFIC CONTROL PLAN TO SCOTD FOR APPROVAL MINIMUM 48 HOURS PRIOR TO CONDUCTING WORK IN THE RIGHT-OF-WAY. ALL TRAFFIC CONTROL PLANS SHALL CONFORM TO MUTCD AND SCOTD GUIDELINES AND SPECIFICATIONS.
- ALL SIGNAGE, PAVEMENT MARKINGS, AND MARKERS SHALL CONFORM TO MUTCD GUIDELINES AND SCOTD STANDARD SPECIFICATIONS AND DRAWINGS.
- ALL PAVING AND DRAINAGE CONSTRUCTION SHALL CONFORM TO SCOTD STANDARD SPECIFICATIONS AND DRAWINGS.
- ALL PAVEMENT MARKINGS IN SCOTD RIGHT-OF-WAY SHALL BE THERMOPLASTIC AND CONFORM TO MUTCD GUIDELINES AND SCOTD STANDARD SPECIFICATIONS AND DRAWINGS.
- REMOVAL OF PAVEMENT MARKINGS SHALL CONFORM TO SCOTD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION SECTION 609.4.1.2.

TREE PROTECTION-BEAUFORT COUNTY

- ALL TREES HAVING A TRUNK DIAMETER OF 8-INCHES (DBH) OR LARGER, AND SPECIMEN TREES MUST BE PRESERVED UNLESS SPECIFICALLY APPROVED FOR REMOVAL IN ACCORDANCE WITH THE BEAUFORT COUNTY ZONING AND DEVELOPMENT STANDARDS ORDINANCE AND INDICATED ON THE PLANS TO BE REMOVED.
- PRIOR TO COMMENCING ANY CLEARING OR CONSTRUCTION OPERATIONS ON THE SITE, THE CONTRACTOR SHALL ERECT TREE PROTECTION BARRIERS AROUND EACH TREE OR GROUP OF TREES DESIGNATED FOR PRESERVATION IN ACCORDANCE WITH THE DETAILS ON THE PLANS AND THE REQUIREMENTS CONTAINED IN ARTICLE V, SECTION 106-1648 OF THE BEAUFORT COUNTY ZONING AND DEVELOPMENT STANDARDS ORDINANCE.
- A TREE PROTECTION ZONE SHALL BE ESTABLISHED IN ACCORDANCE WITH THE PROVISIONS CONTAINED IN ARTICLE VI, SECTION 106-1648 OF THE BEAUFORT COUNTY ZONING AND DEVELOPMENT STANDARDS ORDINANCE FOR EACH EXISTING TREE DESIGNATED FOR PRESERVATION. THE MINIMUM TREE PROTECTION ZONE AS DEFINED IN THE ORDINANCE IS A CIRCULAR AREA CENTERED ON THE TREE AND HAVING A RADIUS OF THE GREATER OF 5-FT. OR ONE-HALF FOOT PER INCH DBH (DIAMETER AT GREATEST HEIGHT). THE SIZE OR CONFIGURATION OF THE TREE PROTECTION ZONE MAY BE MODIFIED ONLY UPON APPROVAL BY THE DEVELOPMENT REVIEW TEAM.
- THE AREA WITHIN THE TREE PROTECTION ZONE MUST REMAIN OPEN AND UNPAVED. NO CHANGE OF GRADE WILL BE ALLOWED WITHIN THE TREE PROTECTION ZONE EXCEPT FOR A 2-INCH CUT OR 2-INCH FILL OF TOPSOIL, SOIL OR MULCH. ANY ACTIVITY WITHIN THE TREE PROTECTION ZONE IS SUBJECT TO APPROVAL BY THE ZONING AND DEVELOPMENT ADMINISTRATOR. THE FOLLOWING ACTIVITIES ARE PROHIBITED WITHIN THE TREE PROTECTION ZONE:
 - PLACEMENT OR STORAGE OF ANY SOIL, DEBRIS, OILS, FUEL, PAINTS, BUILDING MATERIALS OR ANY OTHER MATERIALS.
 - BURNING
 - VEHICLE PARKING
 - PAVING
 - TRENCHING FOR UTILITIES
- WHERE UTILITY LINES MUST PASS THRU THE TREE PROTECTION ZONE, THEY SHALL BE INSTALLED BY HORIZONTAL BORING BENEATH THE ROOTS OF THE TREE.
- WHERE IT IS NECESSARY FOR MACHINERY AND EQUIPMENT TO PASS WITHIN THE TREE PROTECTION ZONE, APPROVAL MUST BE OBTAINED FROM THE ZONING AND DEVELOPMENT ADMINISTRATOR. SPECIAL MEASURES WILL BE REQUIRED TO PROTECT THE ROOTS FROM EXCESSIVE COMPACTION.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL TREE REMOVAL PERMITS AND FOR COORDINATING ALL INSPECTIONS REQUIRED BY BEAUFORT COUNTY IN CONNECTION WITH TREE PRESERVATION AND REMOVAL ACTIVITIES DURING CONSTRUCTION.

SITE GRADING AND DRAINAGE:

- ALL UTILITIES SHOWN ARE APPROXIMATE LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING 72-HOUR NOTICE TO ALL RESPECTIVE UTILITY COMPANIES FOR FIELD VERIFICATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. ANY DAMAGES TO EXISTING UTILITIES DUE TO THIS CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- TEMPORARY CONTROL OF STORM WATER DRAINAGE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SEQUENCING AND CONSTRUCTION TECHNIQUES SHALL PREVENT OBSTRUCTION OF STORM SEWERS, PONDING IN TRAFFIC AREAS OR RISING OF WATER LEVELS WHICH WOULD ENTER ADJACENT BUILDINGS OR STRUCTURES.
- FULL WIDTH OF STREET AND ROAD RIGHTS-OF-WAY MUST BE CLEARED AND GRADED AS SHOWN IN THE DETAILS ON THE DRAWINGS
- SUBGRADE PREPARATION: TOP SOIL SHALL BE REMOVED FROM PAVED AREAS TO A MINIMUM DEPTH AS RECOMMENDED IN THE PROJECTS GEOTECHNICAL REPORT. ALL EXCAVATION SHALL BE TO SUBGRADE LIMITS.
- ALL UTILITY PIPE LINES, CONDUITS AND SLEEVES UNDER PAVED AREAS MUST BE IN PLACE PRIOR TO COMPLETION OF THE ROADWAY SUBGRADE COMPACTION.
- FINISH GRADING SHALL INCLUDE THE PLACEMENT OF TOPSOIL OVER ALL UNPAVED AREAS NOT OCCUPIED BY BUILDINGS OR STRUCTURES AND FINE GRADING AROUND BUILDINGS, ADJACENT TO WALKS, CURBS, GUTTERS AND STRUCTURES TO ASSURE POSITIVE DRAINAGE.

SCDHEC/OCRM SEDIMENT AND EROSION CONTROL STANDARD NOTES (REVISED DEC-2012):

- 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 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 CLEARED, GRADED, AND STABILIZED 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 SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
- ALL EROSION CONTROL DEVICES SHALL BE PERMANENTLY 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 SCR10000.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPOPE RUNOFF AND/OR TO 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 CAN'T 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 PERMANENTLY OR TEMPORARILY CEASED, AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
- MINIMIZE SOIL COMPACTION AND UNLESS NECESSARY, 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.
 - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
- 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.

DRY UTILITY CONDUITS FOR ELECTRIC, TELEPHONE AND CABLE TV:

- ALL DRY UTILITY CONDUIT ENDS SHALL BE CAPPED AND MARKED WITH A STEEL REBAR STAKE IMBEDDED ONE (1) FOOT BELOW GROUND SURFACE.
- 48" MINIMUM BURY DEPTH FOR ALL ELECTRICAL CONDUITS.
- MAINTAIN MINIMUM 12" VERTICAL CLEARANCE WHEN CROSSING WATER, SEWER, AND STORM DRAIN LINES.
- 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.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF THE INSTALLATION OF ALL UTILITY SERVICE CONNECTIONS. REFER TO APPROVED BUILDING PLANS FOR THE EXACT LOCATION AND SERVICE CONNECTIONS. THE CONTRACTOR MUST INSTALL ALL CONDUITS, AS SHOWN ON THE PLANS OR AS REQUIRED BY RESPECTIVE UTILITY COMPANIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE STRICT COMPLIANCE WITH ALL APPLICABLE CODES AND REGULATIONS WITH REGARDS TO THE INSTALLATION OF UTILITIES AND CONDUIT.
- LOCATIONS SHOWN ON THE PLANS FOR PROPOSED DRY UTILITY CONDUITS ARE APPROXIMATE ONLY. ALL DIMENSIONING AND STAKING SHOULD BE BASED ON ECONOMIC AND PRACTICAL CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE RESPECTIVE UTILITY REPRESENTATIVES, PRIOR TO ANY CONDUIT INSTALLATION.
- TRANSFORMER PADS SHALL BE LOCATED AS DIRECTED BY THE RESPECTIVE UTILITY REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE CODE REQUIREMENTS.
- NOTIFY THE ENGINEER IF CONFLICTS WITH EXISTING OR PROPOSED STRUCTURES REQUIRE PROPOSED UTILITIES BE RELOCATED.

SITE CLEARING AND DEMOLITION:

- NO CLEARING SHALL OCCUR WITHIN DESIGNATED BUFFER ZONES, TREE PROTECTION ZONES, OUTSIDE OF THE PROPERTY LINES OR WITHIN A BUFFER ZONE UNLESS OTHERWISE SPECIFICALLY SHOWN ON THE PLANS.
- ONLY THOSE TREES DESIGNATED ON THE DRAWINGS FOR REMOVAL ARE TO BE REMOVED AS PART OF THE SITE CLEARING OPERATIONS.
- THE CONTRACTOR SHALL INSTALL A CONTINUOUS LINE OF FLAGGING OR FENCING ALONG THE LIMITS OF CLEARING PRIOR TO COMMENCING ANY CLEARING, DEMOLITION, OR CONSTRUCTION WORK ON THE PROJECT.
- EXERCISE CAUTION DURING CLEARING OPERATIONS TO AVOID FELLING TREES INTO DESIGNATED TREE PROTECTION ZONES.
- NO BURNING WILL BE ALLOWED WITHIN TREE PROTECTION ZONE OR TREE DRIP LINE. CONTRACTOR SHALL COORDINATE ANY BURNING OPERATIONS WITH LOCAL JURISDICTION AND FIRE DEPARTMENTS.
- SELECTIVE CLEARING AREAS SHALL BE CLEARED OF ALL BRUSH AND UNDERSTORY GROWTH.

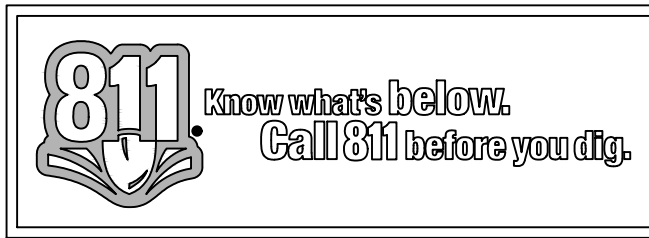
UTILITY CONTACTS:

PALETTO ELECTRIC	843-208-5512	1 COOPERATIVE WAY, HARDEEVILLE, SC 29927
SC2&G	843-525-7700	108 ROBERT SMALLS PKWY, BEAUFORT, SC 29906
BWSA	843-987-9292	6 SNAKE ROAD, OKATIE, SC 29909
HARGRAY COMMUNICATIONS	843-815-1675	PO BOX 3380, BLUFFTON, SC 29910
THE WARRIOR CABLE	843-913-7240	11 OFFICE PARK ROAD, HILTON HEAD, SC 29928
CENTURY LINK	843-525-0044	2127 BOUNDARY ST #16, BEAUFORT, SC 29902
SANTEC COOPER	843-761-8000	1 RIVERWOOD DRIVE, MONCKS CORNER, SC 29461

CONTRACTOR NOTE:

CONTRACTOR TO OBTAIN AND BECOME FAMILIAR WITH GEOTECHNICAL REPORT # _____ PREPARED BY _____

ALL WORK MUST CONFORM TO PROJECT TECHNICAL SPECIFICATIONS FOR (TOWN HALL PARKING LOT IMPROVEMENTS) PREPARED BY WARD EDWARDS ENGINEERING. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A COPY OF THE TECHNICAL SPECIFICATIONS IF NOT PROVIDED WITH THE DRAWINGS.



PROJECT INFORMATION

DEVELOPER:
TOWN OF BLUFFTON
20 BRIDGE STREET
BLUFFTON, SC 29910
843-706-4500

PROJECT STREET ADDRESS:
20 BRIDGE STREET BLUFFTON, SC 29910

PROPERTY IDENTIFICATION NO.:
DISTRICT 611, AP 39A, PARCELS 57 & 244
COUNTY I.D. #R610 039 000 0057 0000

DEVELOPMENT PERMIT JURISDICTION:
TOWN OF BLUFFTON

PROPERTY ZONING:
NEIGHBORHOOD GENERAL - HD

VERTICAL CONTROL DATUM:
NAVD88

USE:
EXISTING: INSTITUTIONAL
PROPOSED: PARKING EXPANSION

PROPERTY OWNER:

TOWN OF BLUFFTON
20 BRIDGE STREET
BLUFFTON, SC 29910
843-706-4500

LATITUDE / LONGITUDE:

N 32° 13' 57"
W 80° 51' 32"

FLOOD ZONE:

C (BASE FLOOD ELEV-NONE)

SITE AREA:

TOTAL: 17.25 ACRES
DISTURBED: 1.8 ACRES

SHEET NO.

- C001 COVER SHEET & CONSTRUCTION NOTES
- C002 OVERALL SITE PLAN
- C101 EXISTING CONDITIONS PLANS
- C201 INITIAL EROSION CONTROL PLANS AND DETAILS
- C301 CLEARING & DEMOLITION PLANS AND DETAILS
- C401 SITE LAYOUT & UTILITY PLANS AND DETAILS
- C501 GRADING & DRAINAGE PLANS AND DETAILS
- C601 PAVING, SIGNAGE & MARKING PLANS AND DETAILS
- C701 INTERMEDIATE & FINAL EROSION CONTROL PLANS

SCHEDULE OF DRAWINGS

SHEET NO.	DESCRIPTION
C001	COVER SHEET & CONSTRUCTION NOTES
C002	OVERALL SITE PLAN
C101	EXISTING CONDITIONS PLANS
C201	INITIAL EROSION CONTROL PLANS AND DETAILS
C301	CLEARING & DEMOLITION PLANS AND DETAILS
C401	SITE LAYOUT & UTILITY PLANS AND DETAILS
C501	GRADING & DRAINAGE PLANS AND DETAILS
C601	PAVING, SIGNAGE & MARKING PLANS AND DETAILS
C701	INTERMEDIATE & FINAL EROSION CONTROL PLANS

RELEASE NO.

RELEASE NO.	DESCRIPTION	DATE
A.	RELEASED FOR REVIEW	09/17/18
B.	RELEASED FOR REVIEW	09/20/18
C.	RELEASED FOR REVIEW	09/26/18
D.	RELEASED FOR REVIEW	10/15/18

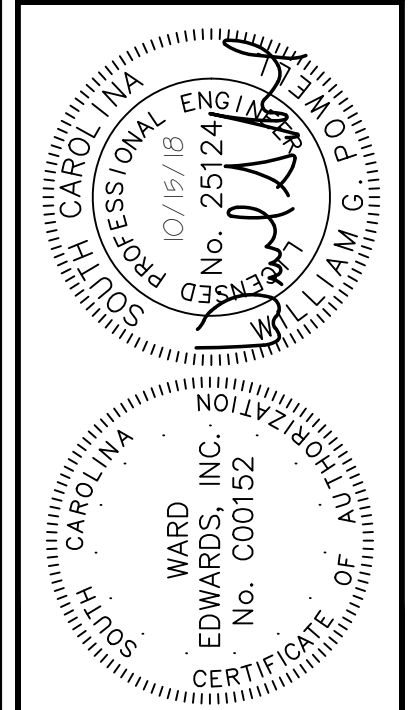
SEQUENCE OF CONSTRUCTION ACTIVITIES

- ESTIMATED START DATE: 11-01-18 ESTIMATED COMPLETION DATE: 04-01-19
- ITEMS MUST OCCUR IN THE ORDER LISTED; ITEMS CANNOT OCCUR CONCURRENTLY UNLESS SPECIFICALLY NOTED.
- PHASE 1: (INITIAL)**
- RECEIVE NPDES COVERAGE FROM DHEC.
 - HOLD PRE-CONSTRUCTION MEETING.
 - NOTIFY DHEC EDC REGIONAL OFFICE OR OCRM OFFICE 48 HOURS PRIOR TO BEGINNING LAND-DISTURBING ACTIVITIES.
 - INSTALLATION OF CONSTRUCTION ENTRANCE.
 - CLEARING & GRUBBING ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS.
 - INSTALLATION OF PERIMETER CONTROLS (E.G. SILT FENCE).
 - INSTALL TREE PROTECTION.
 - INSTALL INLET PROTECTION.
 - INSTALL SEDIMENT TUBES.
 - CLEARING & GRUBBING ONLY IN AREAS OF BASIN.
- PHASES 2 & 3: (INTERMEDIATE & FINAL)**
- INSTALLATION OF BASIN AND INSTALLATION OF DIVERSIONS TO THOSE STRUCTURES (OUTLET STRUCTURES MUST BE COMPLETELY INSTALLED AS SHOWN ON THE DETAILS BEFORE PROCEEDING TO NEXT STEP). THESE STRUCTURES CANNOT BE DISTURBED WITH THE STRUCTURES & DIVERSIONS TO THE STRUCTURES ARE COMPLETELY INSTALLED). INSTALL SURFACE DEWATERING SKIMMER PRIOR TO MOVING TO NEXT STEP.
 - CLEARING & GRUBBING ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS.
 - INSTALL PERMANENT SEEDING.
 - FLUSH ANY SEDIMENT FROM STORM SEWER PIPES AND INLETS.
 - REMOVE OF TEMPORARY SEDIMENT & EROSION CONTROL MEASURES (INCLUDING SKIMMER) AFTER ENTIRE AREA DRAINING TO THE STRUCTURE IS FINALLY STABILIZED (THE DEPARTMENT RECOMMENDS THAT THE PROJECT OWNER / OPERATOR HAVE THE SWPPP PREPARER OR REGISTRATION EQUIVALENT APPROVE THE REMOVAL OF TEMPORARY STRUCTURES).
 - PERFORM AS-BUILT SURVEYS OF ALL DETENTION STRUCTURES AND SUBMIT TO DHEC OR M54 FOR ACCEPTANCE.
 - SUBMIT NOTICE OF TERMINATION (NOT) TO DHEC AS APPROPRIATE.
- NOTE: PERFORM WEEKLY SITE INSPECTIONS DURING LAND DISTURBING ACTIVITIES AND MAKE RECOMMENDATIONS FOR ADDITIONAL BMPs OR MAINTENANCE OF EXISTING BMPs
 - NOTE: ALL PUMPED DEWATERING SHALL BE PERFORMED USING AN APPROPRIATELY SIZED PUMPED WATER FILTER BAG.

SCDHEC-OCRM CERTIFICATION:

"I HAVE PLACED MY SIGNATURE AND SEAL ON THE DESIGN DOCUMENTS SUBMITTED SIGNIFYING THAT I ACCEPT RESPONSIBILITY FOR THE DESIGN OF THE SYSTEM. FURTHER, I CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THE DESIGN IS CONSISTENT WITH THE REQUIREMENTS OF TITLE 48, CHAPTER 14 OF THE CODE OF LAWS OF SC, 1976 AS AMENDED, PURSUANT TO REGULATION 72-300 ET SEQ. (IF APPLICABLE), AND IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF SCR100000."

**TOWN HALL PARKING LOT IMPROVEMENTS
BWSA PROJECT #: 2017-XXX**



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Ward Edwards
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TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
COVER SHEET & CONSTRUCTION NOTES

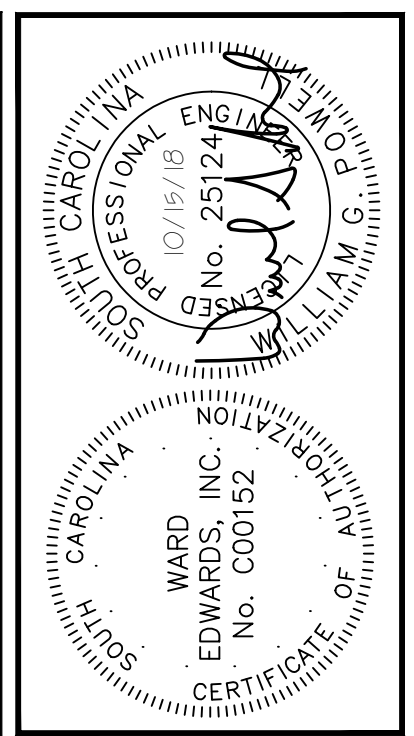
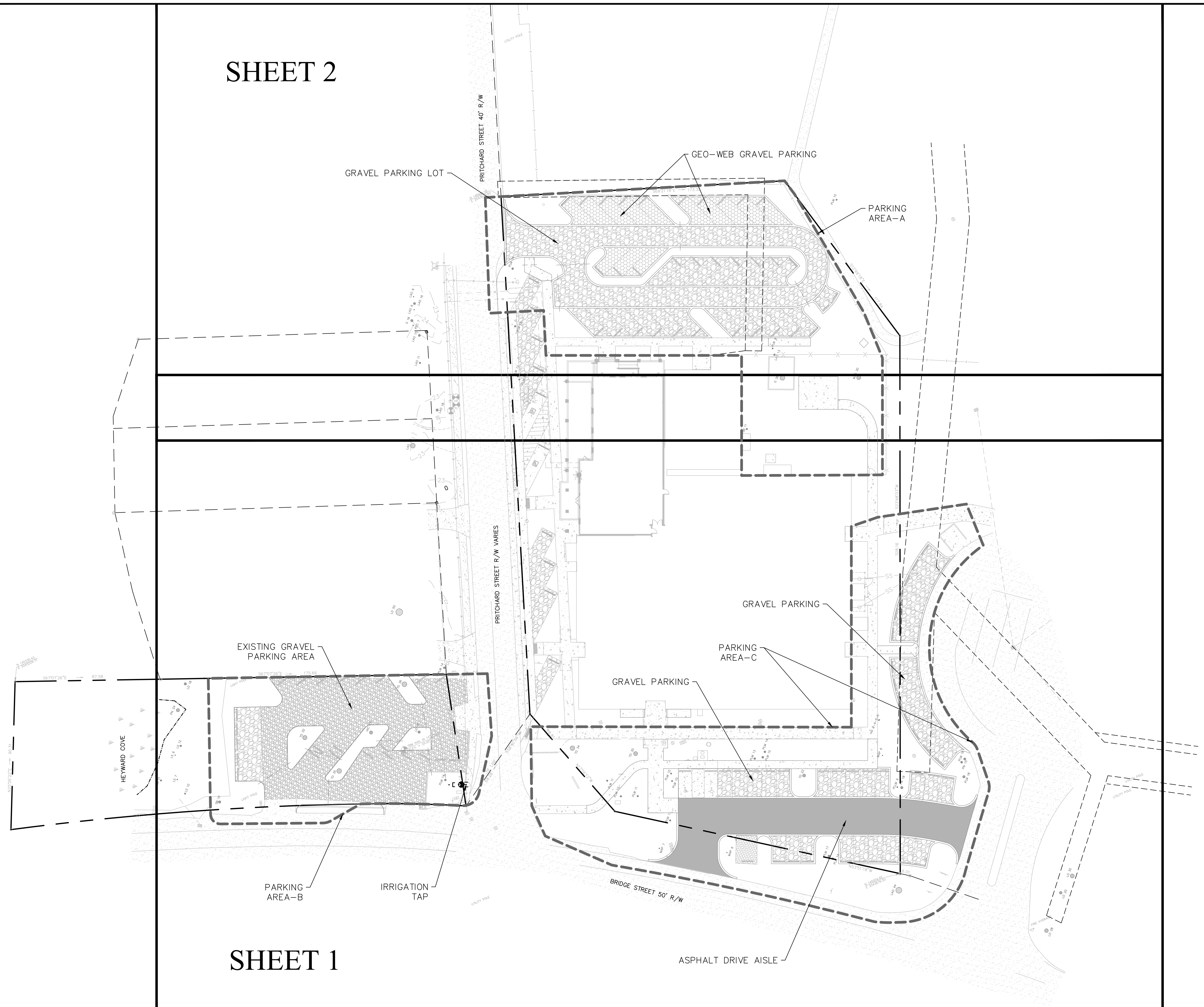
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<input type="checkbox"/> RELEASED FOR CONSTRUCTION	
PROJECT #:	170102
DATE:	10/15/18
DESIGNED BY:	CPB
CHECKED BY:	WGP
SCALE:	NO SCALE

SHEET
C001

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SHEET 2

SHEET 1



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TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
OVERALL SITE PLAN

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PROJECT #:	170102
DATE:	10/15/18
DESIGNED BY:	CPB
CHECKED BY:	WGP
SCALE:	1"=30'

SHEET C002

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- NOTES:**
- 1) UNDERGROUND UTILITIES NOT LOCATED EXCEPT AS SHOWN.
 - 2) SEA ISLAND LAND SURVEY, LLC. CERTIFIES TO THE BOUNDARY, TOPOGRAPHIC AND ASBUILT INFORMATION PROVIDED HEREON AS THE DATE OF THE SURVEY. THIS SURVEY MAY BE USED IN DIGITAL FORMAT AS A BASE FOR OTHERS AND ANY REVISIONS OR ADDITIONS MADE HEREAFTER IS NOT THE RESPONSIBILITY OF SEA ISLAND LAND SURVEY, LLC. A HARD COPY AVAILABLE FROM SEA ISLAND LAND SURVEY, LLC. WILL BE THE ONLY OFFICIAL DOCUMENT.
 - 3) HORIZONTAL DATUM IS S.C. STATE PLANE NAD 83.
 - 4) VERTICAL DATUM IS NAVD88.
 - 5) CONTOUR INTERVAL IS 1'
 - 6) BUILDING SETBACKS, WHETHER SHOWN OR NOT, SHOULD BE VERIFIED BY THE LOCAL BUILDING AUTHORITY.
 - 7) THIS SURVEY HAS BEEN PREPARED WITHOUT BENEFIT OF A COMPLETE TITLE SEARCH AND IS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.
 - 8) THIS SURVEY DOES NOT CERTIFY TO THE EXISTENCE OR ABSENCE OF FRESHWATER WETLANDS.
 - 9) IF IDENTIFICATION OF TREES IS CRITICAL TO DEVELOPMENT, AN ARBORIST SHOULD BE CONSULTED TO VERIFY SUCH TREE IDENTIFICATION.

LEGEND & SYMBOLS:

<p>TREE SIZES ARE INCHES IN DIAMETER</p> <ul style="list-style-type: none"> ○ SPOT ELEVATION — CONTOUR ■ 3" CONCRETE MONUMENT FOUND ● 1/2" IRON PIN FOUND ■ P.K. NAIL FOUND ○ TEMPORARY BENCH MARK IE INVERT ELEVATION FFE FINISHED FLOOR ELEVATION — POLYVINYL CHLORIDE — CORRUGATED PLASTIC PIPE — RCP REINFORCED CONCRETE PIPE — HDPE HIGH DENSITY POLYETHYLENE PIPE LO LIVE OAK LAO LAUREL OAK MAG MAGNOLIA TO TURKEY OAK PN PINE PLM PALM WO WATER OAK WHO WHITE OAK MAP MAPLE G GUM HIC HICKORY TUP TUPELO BIR BIRCH HOL HOLLY 	<ul style="list-style-type: none"> ⊕ ELECTRIC SERVICE ⊕ ELECTRIC TRANSFORMER ⊕ TELEPHONE SERVICE ⊕ TELEVISION SERVICE ⊕ WATER METER ⊕ VALVE BOX ⊕ IRRIGATION CONTROL VALVE ⊕ SANITARY MANHOLE ⊕ STORM MANHOLE ⊕ FIRE HYDRANT ⊕ UTILITY POLE ⊕ GUY ⊕ SIGN ⊕ LIGHT POLE ⊕ FLOOD LIGHT ⊕ CATCH BASIN ⊕ MAIL BOX ⊕ CLEANOUT ⊕ A/C HEAT PUMP
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- REFERENCE PLAT**
- 1) A BOUNDARY SURVEY & DIVISION OF PARCEL 50, TAX MAP 39A, DISTRICT 800, BLUFFTON TOWNSHIP, BEAUFORT COUNTY, SOUTH CAROLINA.
DRAWN: 10/10/95
RECORDED IN BOOK 54, PAGE 104, DATED 11/02/95
ROD. BEAUFORT COUNTY, SC
BY: FORREST F. BAUGHMAN S.C.R.L.S. # 4922
 - 2) AN ASBUILT PLAT OF PARCEL R610-39A-52, PARCELS A & B, TOWN OF BLUFFTON, BEAUFORT COUNTY, SOUTH CAROLINA.
DRAWN: 2/06/96
RECORDED IN BOOK 59, PAGE 110, DATED 02/13/97
ROD. BEAUFORT COUNTY, SC
BY: MATTHEW M. CRAWFORD S.C.R.L.S. # 9756
 - 3) AN EXHIBIT OF PROPOSED SANITARY SEWER EASEMENT ACROSS PARCEL 57, TOWN OF BLUFFTON, BEAUFORT COUNTY, SOUTH CAROLINA.
DRAWN: 7/30/08
RECORDED IN BOOK 127 PAGE 84, DATED 1/27/09
ROD. BEAUFORT COUNTY, SC
BY: FORREST F. BAUGHMAN S.C.R.L.S. # 4922
 - 4) AN EASEMENT PLAT OF MC RILEY ELEMENTARY SCHOOL, TOWN OF BLUFFTON, BEAUFORT COUNTY, SOUTH CAROLINA.
DRAWN: 11/27/06
RECORDED IN BOOK 125, PAGE 137, DATED 7/08/08
ROD. BEAUFORT COUNTY, SC
BY: WILLIAM H. GRAY S.C.R.L.S. # 22744
 - 5) A PLAT PREPARED FOR BEAUFORT COUNTY SCHOOLS, McCRAKEN MIDDLE SCHOOL, TOWN OF BLUFFTON, BEAUFORT COUNTY, SOUTH CAROLINA.
DRAWN: 6/09/92
ROD. BEAUFORT COUNTY, SC
BY: JACK JONES S.C.R.L.S. # 13852
 - 6) A PLAT OF TWO LOTS IN BLUFFTON, LOTS A & B, TOWN OF BLUFFTON, BEAUFORT COUNTY, SOUTH CAROLINA.
DRAWN: 1/19/70
RECORDED IN BOOK 18, PAGE 104, DATED 5/25/70
ROD. BEAUFORT COUNTY, SC
BY: S.S. SNOOK

ADDRESS: BRIDGE STREET & PRITCHARD STREET
DISTRICT: 611, MAP: 39A, PARCELS: 57 & 244

THIS PROPERTY LIES IN F.E.M.A. ZONE C
BASE FLOOD ELEVATION = NO MINIMUM ELEVATION
COMMUNITY NO. 450251, PANEL 0001A, DATED: 12/18/86

ASBUILT, BOUNDARY,
TREE AND TOPOGRAPHIC SURVEY OF:
TOWN OF BLUFFTON MUNICIPAL BUILDING,
TOWN OF BLUFFTON,
BEAUFORT COUNTY, SOUTH CAROLINA
PREPARED FOR: THE TOWN OF BLUFFTON

DATE: 7/07/15 SCALE: 1" = 20'
UPDATED: 7/11/17

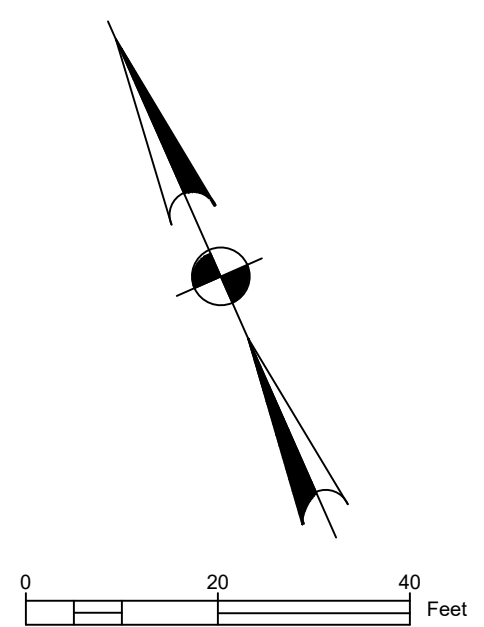


SIS Sea Island Land Survey, LLC.
4D Mathews Court, Tel (843) 681-3248
Hilton Head Island, Fax (843) 689-3871
SC 29926, E-mail: sils@sprynet.com
FILE No.: 15118/2, DWG No.: 9-1668
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CURVE TABLE

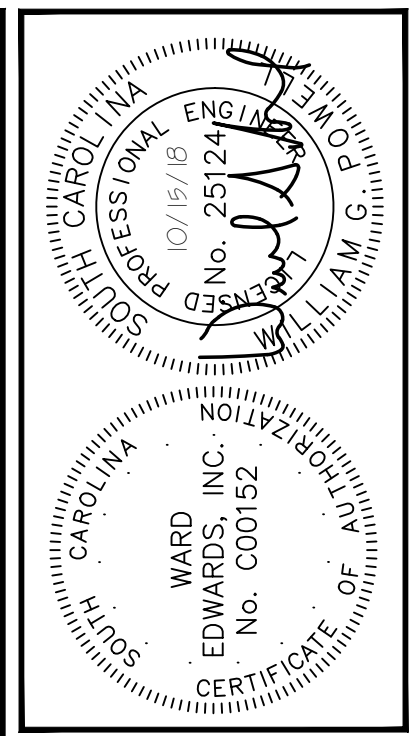
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C2	136.12	1889.44	136.09	N69°10'51"W	4°07'40"
C3	64.29	895.06	64.28	N65°03'33"W	4°06'56"

R611 039 000 0057 0000
BLUFFTON SCHOOL
PO DRAWER 309
BEAUFORT SC 29901-0309



SHEET 02
SHEET 01

SHEET 02
SHEET 01



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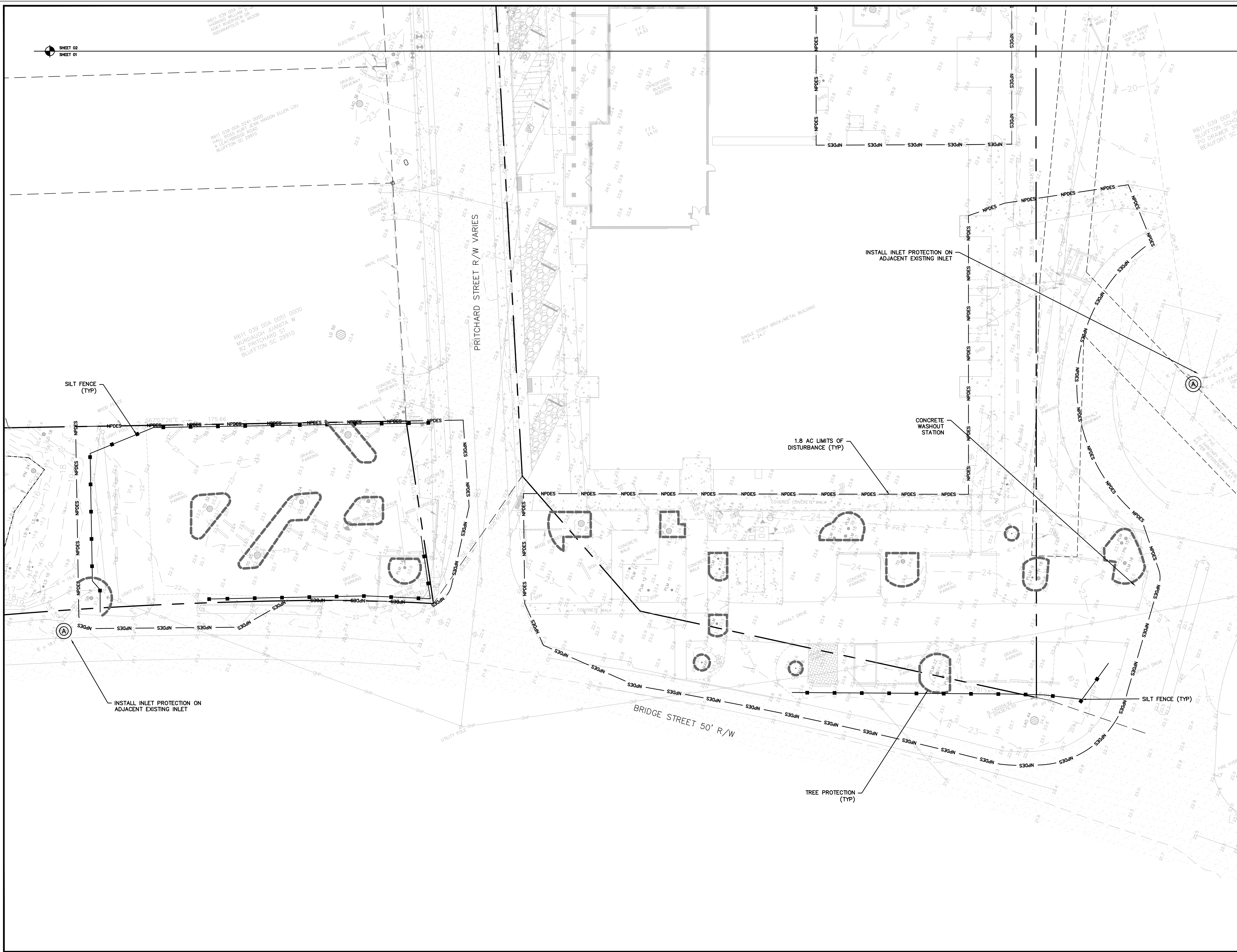
TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
EXISTING CONDITIONS PLAN

NOT FOR CONSTRUCTION
 RELEASED FOR CONSTRUCTION

PROJECT #: 170102
DATE: 10/15/18
DESIGNED BY: CWP
CHECKED BY: WGP
SCALE: 1"=30'

SHEET C102

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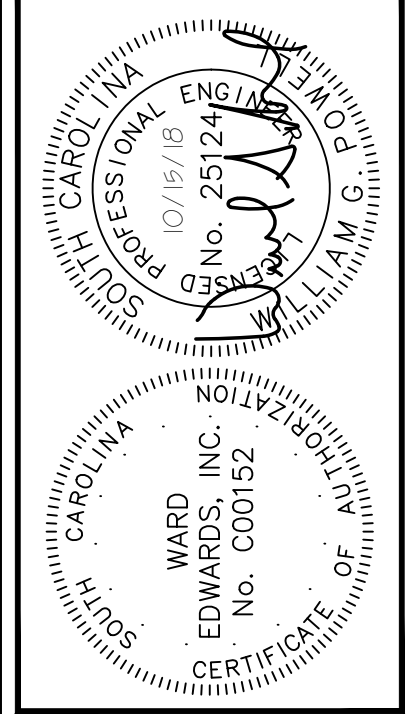


LIMITS OF DISTURBANCE:	
NPDES	

EROSION PREVENTION	
LAND GRADING:	OR
SURFACE ROUGHENING:	
TOPSOILING:	
TEMPORARY SEEDING:	
MULCHING:	
ECB OR TRM:	
FGM:	
BFM:	
PERMANENT SEEDING:	
SODDING:	
RIPRAP:	
OUTLET PROTECTION:	
DUST CONTROL:	
POLYACRYLAMIDE (PAM):	

SEDIMENT CONTROL	
SEDIMENT BASIN:	
TEMPORARY SEDIMENT TRAP:	
ROCK SEDIMENT DIKE:	
ROCK CHECK DAM:	
SEDIMENT TUBE:	
SILT FENCE:	
REINFORCED SILT FENCE:	
TYPE A - FABRIC INLET PROTECTION:	
TYPE A - SEDIMENT TUBE INLET PROTECTION:	
TYPE B - WIRE MESH AND STONE DROP INLET PROTECTION:	
TYPE C - BLOCK AND GRAVEL INLET PROTECTION:	
TYPE D - RIGID INLET FILTERS:	
TYPE E - SURFACE COURSE CURB INLET FILTER:	
TYPE F - INLET TUBE:	
TYPE FB - FILTER BAG:	
CONCRETE WASHOUT:	

RUNOFF CONVEYANCE MEASURES	
VEGETATED CHANNELS:	
RIPRAP-LINED CHANNELS:	
ECB OR TRM-LINED CHANNELS:	
PAVED CHANNELS:	
PIPE SLOPE DRAINS:	
TEMPORARY STREAM CROSSING:	
TEMPORARY DIVERSION DITCH OR SWALE:	
PERMANENT DIVERSION DITCH:	
DIVERSION DIKE OR BERM:	
LEVEL SPREADER:	
SUBSURFACE DRAIN:	



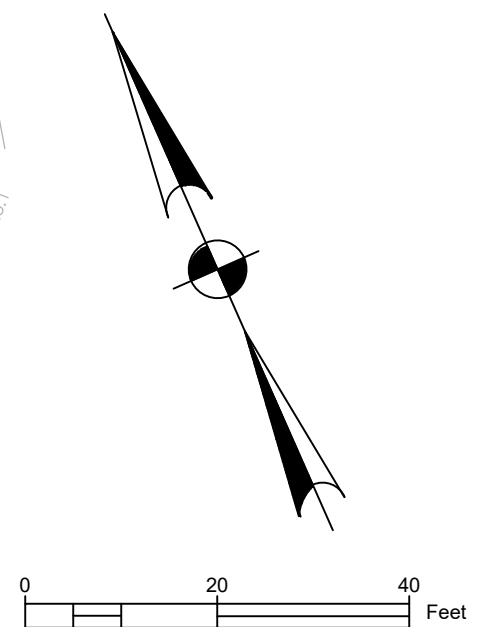
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TOWN HALL PARKING LOT IMPROVEMENTS
 TOWN OF BLUFFTON, SOUTH CAROLINA
 TOWN OF BLUFFTON, SOUTH CAROLINA
INITIAL EROSION CONTROL PLAN

PROJECT #:	170102
DATE:	10/15/18
DESIGNED BY:	CPB
CHECKED BY:	WGP
SCALE:	1"=30'

SHEET C201



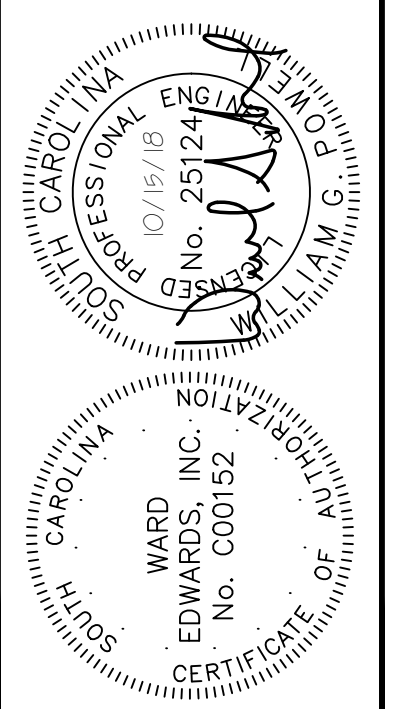
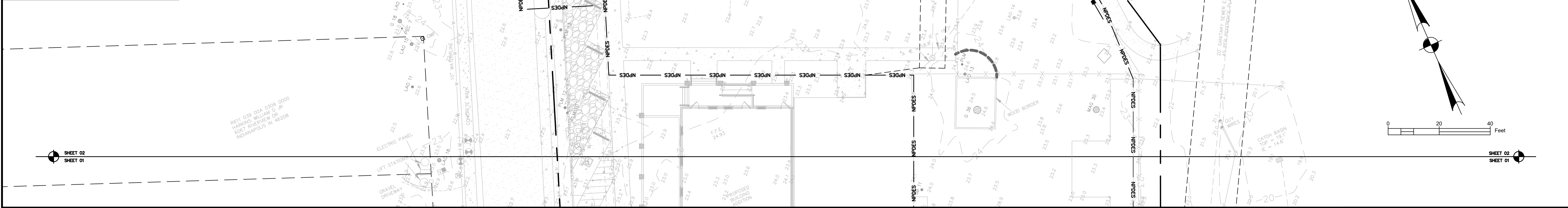
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LIMITS OF DISTURBANCE:	NPDES
EROSION PREVENTION	
LAND GRADING:	LG OR
SURFACE ROUGHENING:	
TOPSOILING:	
TEMPORARY SEEDING:	TS
MULCHING:	M
ECB OR TRM:	
FGM:	FGM
BFM:	BFM
PERMANENT SEEDING:	PS
SODDING:	SO
RIPRAP:	
OUTLET PROTECTION:	RIPRAP ECB or TRM
DUST CONTROL:	DC
POLYACRYLAMIDE (PAM):	PAM

SEDIMENT CONTROL	
SEDIMENT BASIN:	
TEMPORARY SEDIMENT TRAP:	
ROCK SEDIMENT DIKE:	
ROCK CHECK DAM:	
SEDIMENT TUBE:	
SILT FENCE:	
REINFORCED SILT FENCE:	
TYPE A--FABRIC INLET PROTECTION:	A
TYPE A--SEDIMENT TUBE INLET PROTECTION:	
TYPE B - WIRE MESH AND STONE DROP INLET PROTECTION:	B
TYPE C - BLOCK AND GRAVEL INLET PROTECTION:	
TYPE D - RIGID INLET FILTERS:	D
TYPE E - SURFACE COURSE CURB INLET FILTER:	E
TYPE F - INLET TUBE:	F
TYPE FB - FILTER BAG:	FB
CONCRETE WASHOUT	CWS

RUNOFF CONVEYANCE MEASURES	
VEGETATED CHANNELS:	
RIPRAP-LINED CHANNELS:	
ECB OR TRM-LINED CHANNELS:	
PAVED CHANNELS:	PC
PIPE SLOPE DRAINS:	
TEMPORARY STREAM CROSSING:	
TEMPORARY DIVERSION DITCH OR SWALE:	TD
PERMANENT DIVERSION DITCH:	PD
DIVERSION DIKE OR BERM:	DD
LEVEL SPREADER:	
SUBSURFACE DRAIN:	SSD



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TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA

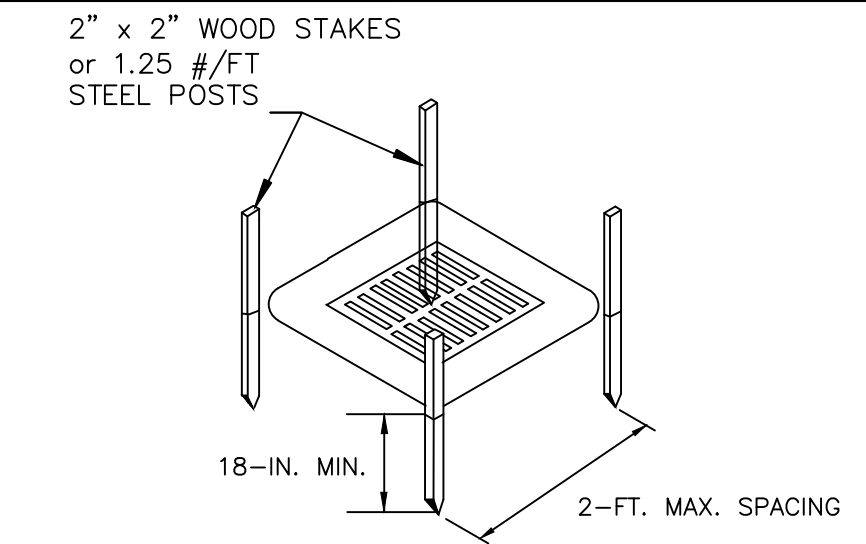
TOWN OF BLUFFTON, SOUTH CAROLINA

INITIAL EROSION CONTROL PLAN

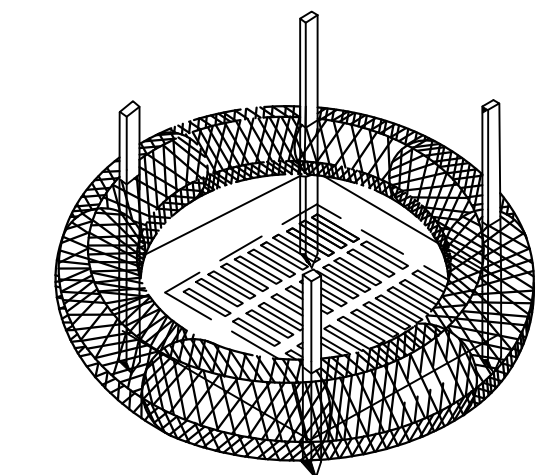
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DATE:	10/15/18
DESIGNED BY:	CPB
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SHEET
C202

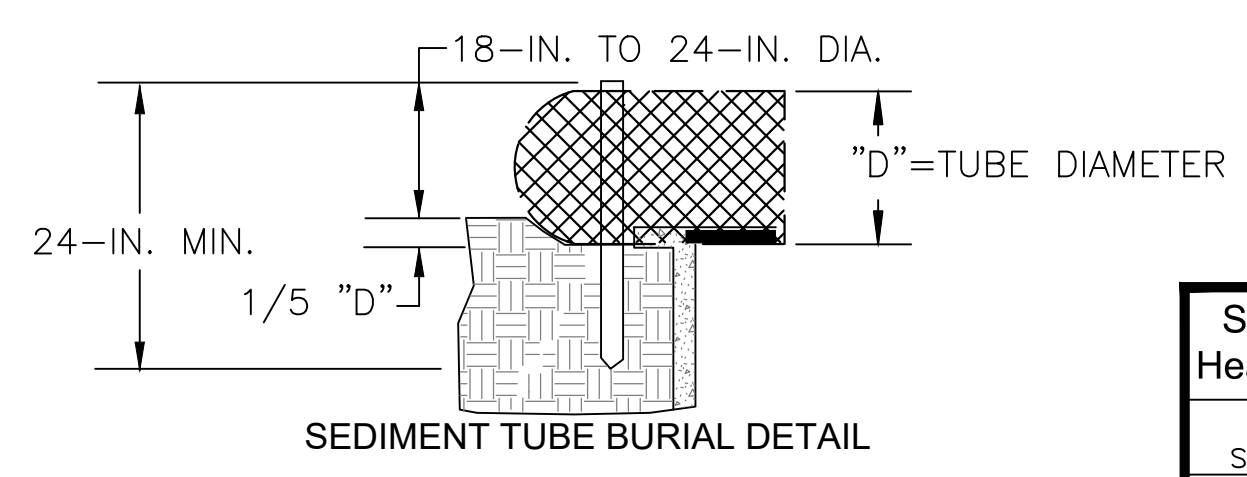
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POST INSTALLATION DETAIL

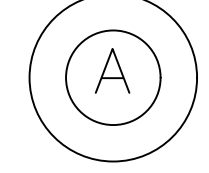


SEDIMENT TUBE INSTALLATION DETAIL



SEDIMENT TUBE BURIAL DETAIL

PLAN SYMBOL



South Carolina Department of Health and Environmental Control
Type A
SEDIMENT TUBE INLET PROTECTION
STANDARD DRAWING NO. SC-07A PAGE 1 of 2
NOT TO SCALE FEBRUARY 2014 DATE

TYPE A - SEDIMENT TUBE INLET PROTECTION

GENERAL NOTES

- 1. Sediment tubes are elongated tubes of compacted geotextiles, curled excelsior wood, natural coconut fiber, or hardwood mulch. Straw, pine needle, and leaf mulch-filled sediment tubes are not permitted.
- 2. The outer netting of the sediment tube should consist of seamless, high-density polyethylene photodegradable materials treated with ultraviolet stabilizers or a seamless, high-density polyethylene non-degradable material.
- 3. Sediment tube diameters shall range from 18-inches to 24-inches. Sediment tubes with smaller diameters are prohibited when used as inlet protection.
- 4. Curled excelsior wood, or natural coconut products that are rolled up to create a sediment tube are not allowed.
- 5. Sediment tubes should be staked using wooden oak stakes (2-inch X 2-inch) or steel posts (standard "u" or "m" sections with a minimum weight of 1.25 pounds per foot) at a minimum of 48-inches in length placed on 2-foot centers.
- 6. Install all sediment tubes to ensure that no gaps exist between the soil and the bottom of the tube. Manufacturer's recommendations should always be consulted before installation.
- 7. The ends of adjacent sediment tubes should be overlapped 6-inches to prevent flow and sediment from passing through the field joint.
- 8. Sediment tubes should not be stacked on top of one another.
- 9. Each sediment tube should be installed in a trench with a depth equal to 1/5 the diameter of the sediment tube.
- 10. Install stakes at a diagonal facing incoming runoff.

INSPECTION & MAINTENANCE

- 1. The key to functional inlet protection is weekly inspections, routine maintenance, and regular sediment removal.
- 2. Regular inspections of sediment tube inlet protection shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
- 3. Attention to sediment accumulations in front of the sediment tube is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
- 4. Remove accumulated sediment when it reaches 1/3 the height of the sediment tube. When a sump is installed in front of the inlet protection, sediment shall be removed when it fills approximately 1/3 the depth of the sump.
- 5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
- 6. Large debris, trash, and leaves should be removed from in front of tubes when found.
- 7. Inlet protection structures should be removed 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. Stabilize all bare areas immediately.

South Carolina Department of Health and Environmental Control
Type A
SEDIMENT TUBE INLET PROTECTION
STANDARD DRAWING NO. SC-07A PAGE 2 of 2
NOT TO SCALE FEBRUARY 2014 DATE

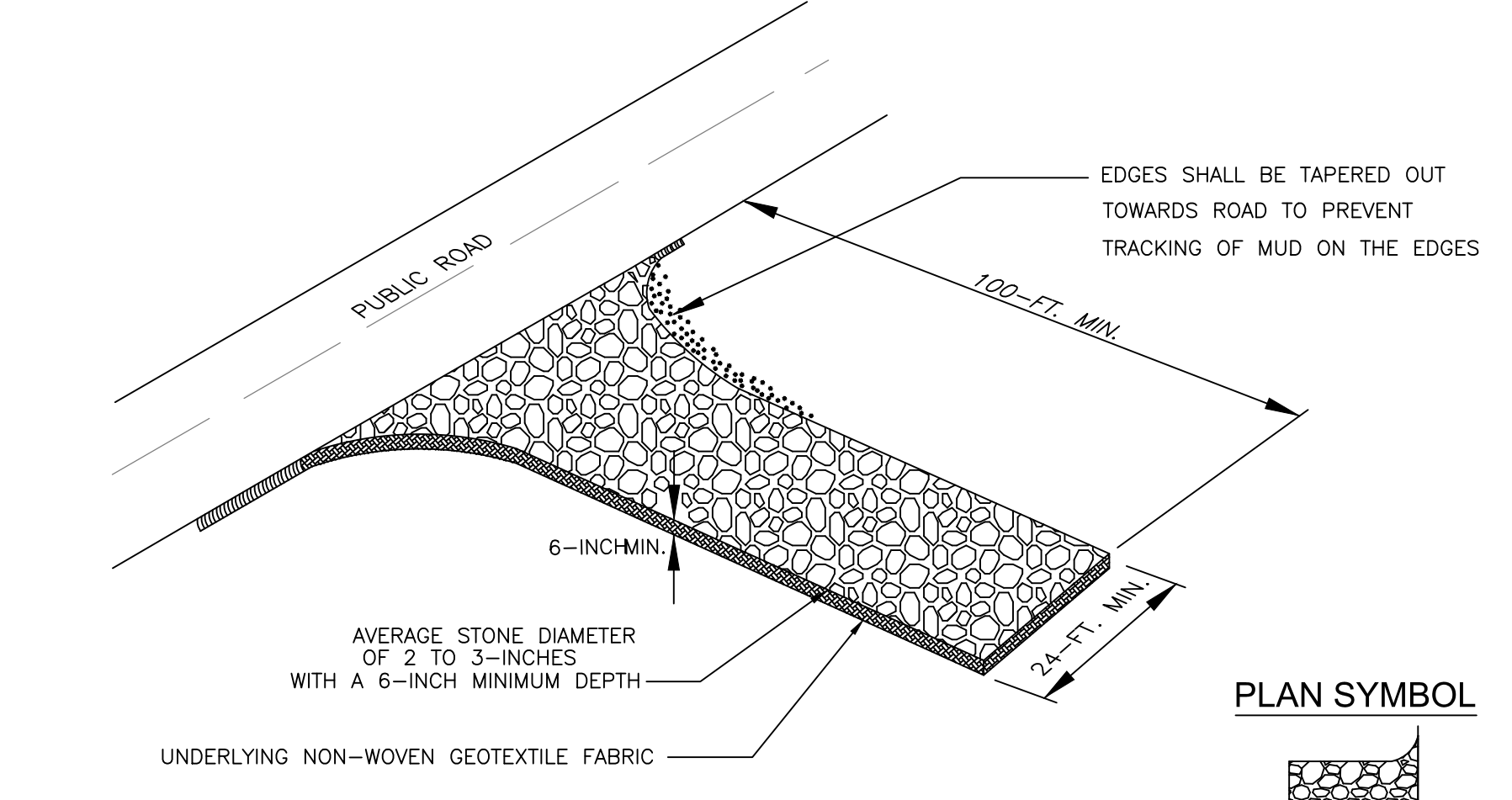
CONSTRUCTION ENTRANCE - GENERAL NOTES

- 1. Stabilized construction entrances should be used at all points where traffic will egress/ingress a construction site onto a public road or any impervious surfaces, such as parking lots.
- 2. Install a non-woven geotextile fabric prior to placing any stone.
- 3. Install a culvert pipe across the entrance when needed to provide positive drainage.
- 4. The entrance shall consist of 2-inch to 3-inch D50 stone placed at a minimum depth of 6-inches.
- 5. Minimum dimensions of the entrance shall be 24-feet wide by 100-feet long, and may be modified as necessary to accommodate site constraints.
- 6. The edges of the entrance shall be tapered out towards the road to prevent tracking of the edge of the entrance.
- 7. Divert all surface runoff and drainage from the stone pad to a sediment trap or basin or other sediment trapping structure.
- 8. Limestone may not be used for the stone pad.

CONSTR. ENTRANCE - INSPECTION & MAINTENANCE

- 1. The key to functional construction entrances is weekly inspections, routine maintenance, and regular sediment removal.
- 2. Regular inspections of construction entrances shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
- 3. During regular inspections, check for mud and sediment buildup and pad integrity. Inspection frequencies may need to be more frequent during long periods of wet weather.
- 4. Reshape the stone pad as necessary for drainage and runoff control.
- 5. Wash or replace stones as needed and as directed by site inspector. The stone in the entrance should be washed or replaced whenever the entrance fails to reduce the amount of mud being carried off-site by vehicles. Frequent washing will extend the useful life of stone pad.
- 6. Immediately remove mud and sediment tracked or washed onto adjacent impervious surfaces by brushing or sweeping. Flushing should only be used when the water can be discharged to a sediment trap or basin.
- 7. During maintenance activities, any broken pavement should be repaired immediately.
- 8. Construction entrances should be removed after the site has reached final stabilization. Permanent vegetation should replace areas from which construction entrances have been removed, unless area will be converted to an impervious surface to serve post-construction.

South Carolina Department of Health and Environmental Control
CONSTRUCTION ENTRANCE
STANDARD DRAWING NO. SC-06 PAGE 2 of 2
GENERAL NOTES FEBRUARY 2014 DATE



PLAN SYMBOL

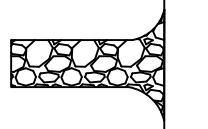
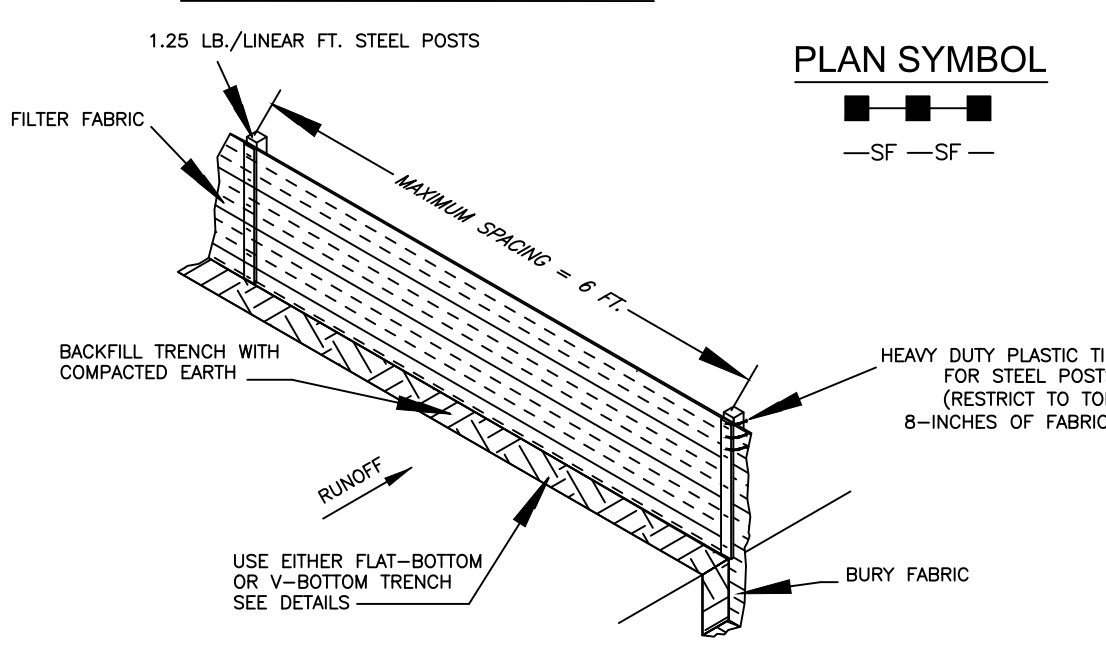


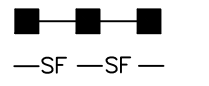
Table with 2 columns: SPECIFICATION and SIZE. Rows include: ROCK PAD THICKNESS (6 INCHES), ROCK PAD WIDTH (24 FEET), ROCK PAD LENGTH (100 FEET), ROCK PAD STONE SIZE (D = 2-3 INCHES).

South Carolina Department of Health and Environmental Control
CONSTRUCTION ENTRANCE
STANDARD DRAWING NO. SC-06 PAGE 1 of 2
NOT TO SCALE FEBRUARY 2014 DATE

SILT FENCE INSTALLATION



PLAN SYMBOL



- 1. Do not place silt fence across channels or in other areas subject to concentrated flows. Silt fence should not be used as a velocity control BMP. Concentrated flows are any flows greater than 0.5 cfs.
- 2. Maximum sheet or overlaid flow path length to the silt fence shall be 100-feet.
- 3. Maximum slope steepness (normal [perpendicular] to the fence line) shall be 2:1.
- 4. Silt fence joints, when necessary, shall be completed by one of the following options:
 - Wrap each fabric together at a support post with both ends fastened to the post, with a 1-foot minimum overlap;
 - Overlap silt fence by installing 3-feet passed the support post to which the new silt fence roll is attached. Attach old roll to new roll with heavy-duty plastic ties; or,
 - Overlap entire width of each silt fence roll from one support post to the next support post.
- 5. Attach filter fabric to the steel posts using heavy-duty plastic ties that are evenly spaced within the top 8-inches of the fabric.
- 6. Install the silt fence perpendicular to the direction of the stormwater flow and place the silt fence the proper distance from the toe of steep slopes to provide sediment storage and access for maintenance and cleanout.
- 7. Install Silt Fence Checks (Tie-Backs) every 50-100 feet, dependent on slope, along silt fence that is installed with slope and where concentrated flows are expected or are documented along the proposed/installed silt fence.

SILT FENCE - POST REQUIREMENTS

- 1. Silt fence posts must be 48-inch long steel posts that meet, at a minimum, the following physical characteristics:
 - Composed of a high strength steel with a minimum yield strength of 50,000 psi.
 - Include a standard "T" section with a nominal face width of 1.38-inches and a nominal "T" length of 1.48-inches.
 - Weigh 1.25 pounds per foot (± 8%).
- 2. Posts shall be equipped with projections to aid in fastening of filter fabric.
- 3. Steel posts may need to have a metal soil stabilization plate welded near the bottom when installed along steep slopes or installed in loose soils. The plate should have a minimum cross section of 17-square inches and be composed of 15 gauge steel, at a minimum. The metal soil stabilization plate should be completely buried.
- 4. Install posts to a minimum of 24-inches. A minimum height of 1- to 2-inches above the fabric shall be maintained, and a maximum height of 3 feet shall be maintained above the ground.
- 5. Post spacing shall be at a maximum of 6-feet on center.

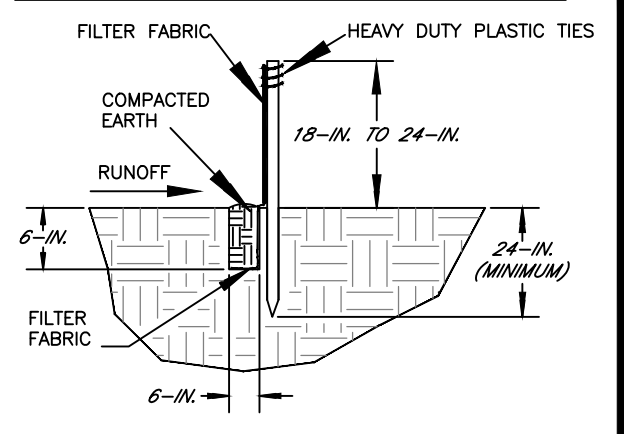
SILT FENCE - FABRIC REQUIREMENTS

- 1. Silt fence must be composed of woven geotextile filter fabric that consists of the following requirements:
 - Composed of fibers consisting of long chain synthetic polymers of at least 85% by weight of polyolefins, polyesters, or polyamides that are 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 any defects or flaws that significantly affect its physical and/or filtering properties; and,
 - Have a minimum width of 36-inches.
- 2. Use only fabric appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #34, meeting the requirements of the most current edition of the SC DOT Standard Specifications for Highway Construction.
- 3. 12-inches of the fabric should be placed within excavated trench and toed in when the trench is backfilled.
- 4. Filter Fabric shall be purchased in continuous rolls and cut to the length of the barrier to avoid joints.
- 5. Filter Fabric shall be installed at a minimum of 24-inches above the ground.

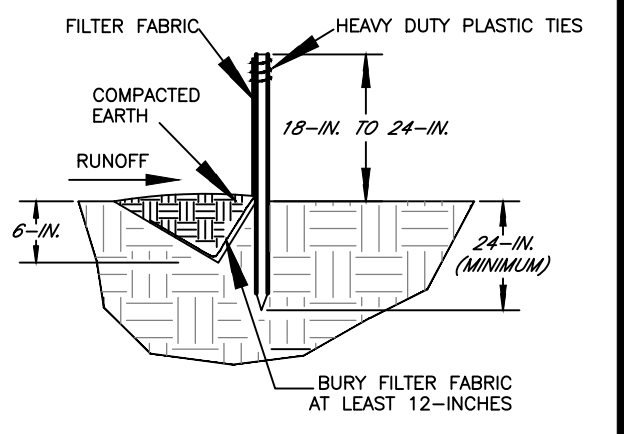
SILT FENCE - INSPECTION & MAINTENANCE

- 1. The key to functional silt fence is weekly inspections, routine maintenance, and regular sediment removal.
- 2. Regular inspections of silt fence shall be conducted once every calendar week and, as recommended, within 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
- 3. Attention to sediment accumulations along the silt fence is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
- 4. Remove accumulated sediment when it reaches 1/3 the height of the silt fence.
- 5. Removed sediment shall be placed in stockpile storage areas or spread thinly across disturbed area. Stabilize the removed sediment after it is relocated.
- 6. Check for areas where stormwater runoff has eroded a channel beneath the silt fence, or where the fence has sagged or collapsed due to runoff overtopping the silt fence. Install checks/tie-backs and/or reinstall silt fence, as necessary.
- 7. Check for tears within the silt fence, areas where silt fence has begun to decompose, and for any other circumstance that may render the silt fence ineffective. Removed damaged silt fence and reinstall new silt fence immediately.
- 8. Silt fence should be removed within 30 days after final stabilization is achieved and once it is removed, the resulting disturbed area shall be permanently stabilized.

FLAT-BOTTOM TRENCH DETAIL



V-SHAPED TRENCH DETAIL



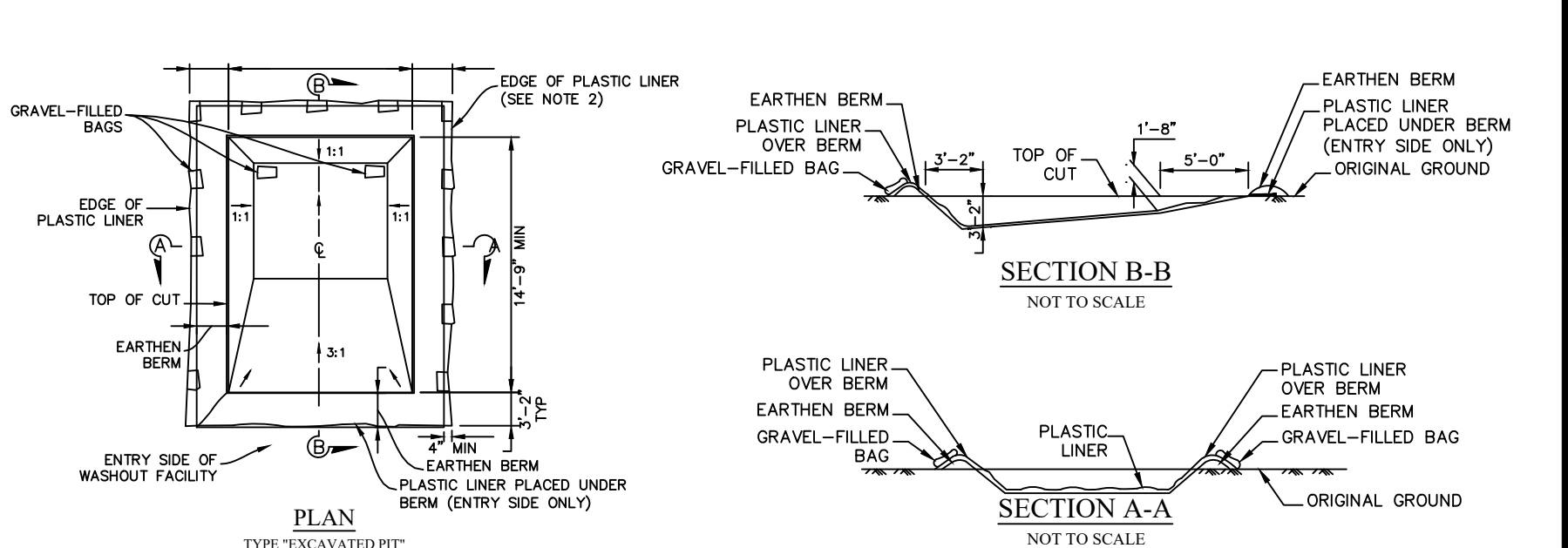
South Carolina Department of Health and Environmental Control
SILT FENCE
STANDARD DRAWING NO. SC-03 PAGE 1 of 2
NOT TO SCALE FEBRUARY 2014 DATE

SILT FENCE - INSPECTION & MAINTENANCE

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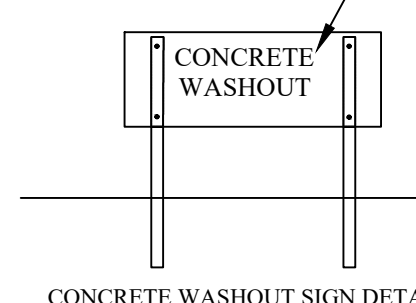
South Carolina Department of Health and Environmental Control
SILT FENCE
STANDARD DRAWING NO. SC-03 PAGE 2 of 2
GENERAL NOTES FEBRUARY 2014 DATE

EXCAVATED PIT CONCRETE WASHOUT



NOTES:

- 1. ACTUAL LAYOUT DETERMINED IN FIELD.
- 2. INSTALL CONCRETE WASHOUT SIGN (24"X24", MINIMUM) WITHIN 30' OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
- 3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM A STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
- 4. CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
- 5. THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
- 6. SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF CONCRETE WASHOUT AREA EXCEPT FOR THE SIDE UTILIZED FOR ACCESSING THE WASHOUT.
- 7. A ROCK CONSTRUCTION ENTRANCE MAY BE NECESSARY ALONG ONE SIDE OF THE WASHOUT TO PROVIDE VEHICLE ACCESS.



CONCRETE WASHOUT SIGN DETAIL

South Carolina Department of Health and Environmental Control
CONCRETE WASHOUT EXCAVATED PIT
STANDARD DRAWING NO. RC-08 PAGE 1 of 1
NOT TO SCALE FEBRUARY 2014 DATE

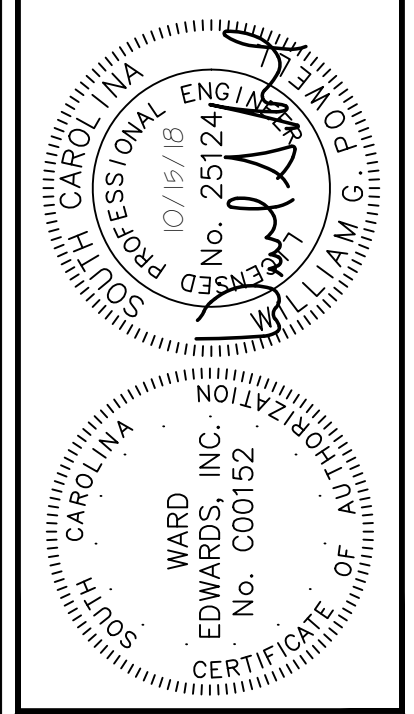


Table with 3 columns: NO., DESCRIPTION, DATE. It is a revision table for the drawing.

Ward Edwards ENGINEERING
P.O. BOX 381, BLUFFTON, SOUTH CAROLINA 29910
PH: (803) 837-5555 FAX: (843) 837-2536
WWW.WARDEDWARDS.COM

TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
INITIAL EROSION CONTROL DETAILS

NOT FOR CONSTRUCTION
RELEASED FOR CONSTRUCTION

PROJECT #: 170102
DATE: 10/15/18
DESIGNED BY: CPB
CHECKED BY: WGP
SCALE: AS NOTED

SHEET C203

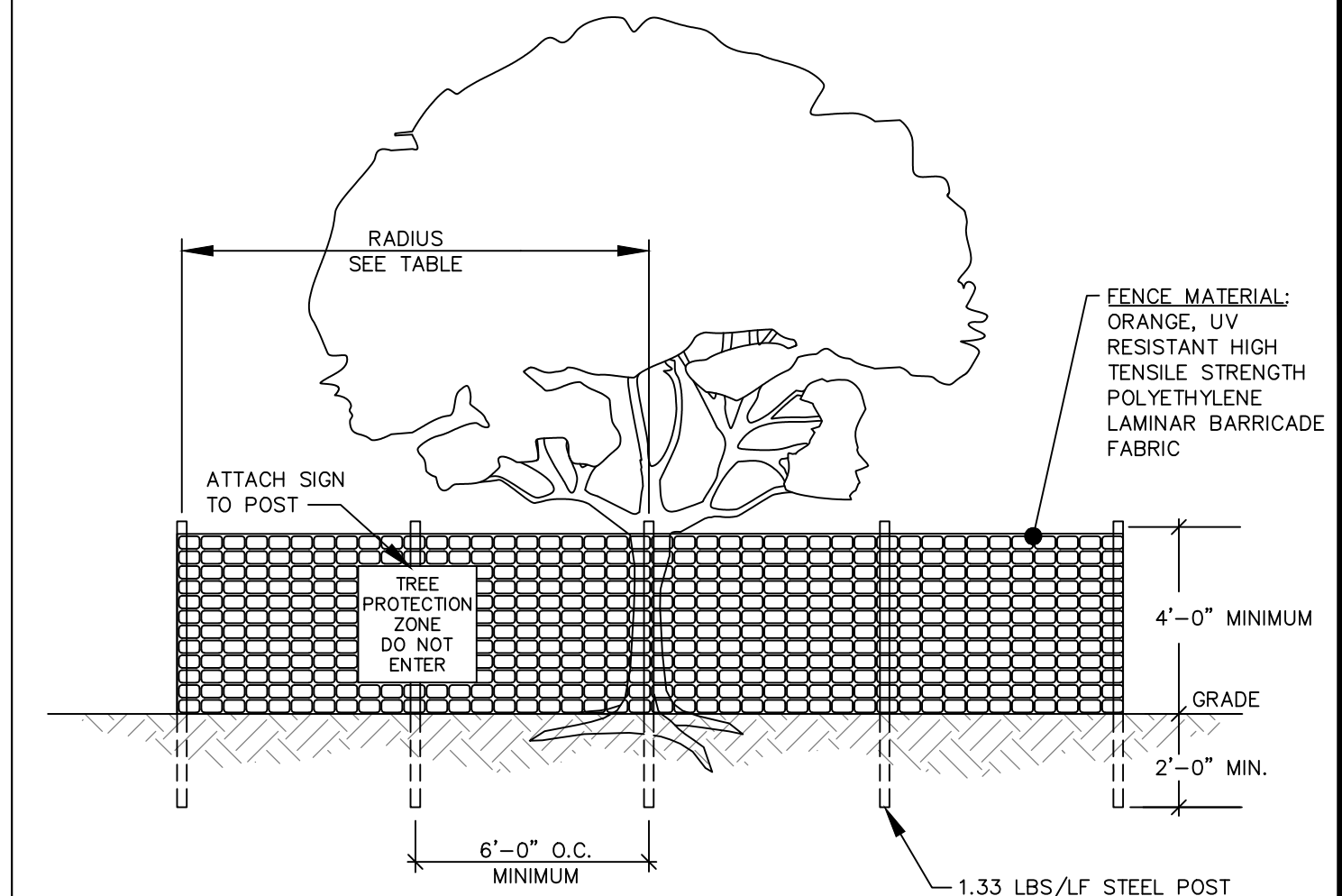
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ADHESIVE	WATER DILUTION	NOZZLE TYPE	APPLICATION (GAL./ACRE)
ANIONIC ASPHALT EMULSION	7:1*	COARSE SPRAY	1,200
LATEX EMULSION	12.5:1*	FINE SPRAY	235
RESIN-IN-WATER EMULSION	4:1*	FINE SPRAY	300

*USE MANUFACTURER'S RECOMMENDATIONS WHEN AVAILABLE.

- MAINTENANCE:**
- PROHIBIT TRAFFIC ON SURFACE AFTER SPRAYING.
 - SUPPLEMENT SURFACE COVERING AS NEEDED.
- INSTALLATION:**
- APPLY ACCORDING TO APPROVED PLAN.
 - MULCH DISTURBED AREAS AND TACKIFY WITH RESINS SUCH AS ASPHALT, CURASOL OR TERRATAK according to MANUFACTURER'S RECOMMENDATIONS.
 - STABILIZE DISTURBED AREAS WITH TEMPORARY OR PERMANENT VEGETATION.
 - IRRIGATE DISTURBED AREAS UNTIL SURFACE IS WET.
 - COVER SURFACES WITH CRUSHED STONE OR GRAVEL.
 - APPLY CALCIUM CHLORIDE AT A RATE TO KEEP SURFACES MOIST.
 - APPLY SPRAY-ON ADHESIVES TO MINERAL SOILS (NOT MUCK SOILS) AS DESCRIBED IN TABLE 1.

DC DUST CONTROL ON DISTURBED AREAS



NOTES:

- ALL TREES DESIGNATED TO BE SAVED SHALL BE PROTECTED BY FENCING.
- INSTALL TREE PROTECTION FENCE TO RADIUS INDICATED IN TABLE UNLESS OTHERWISE INDICATED ON PLANS.
- WARNING SIGNS TO BE MADE OF DURABLE WATERPROOF MATERIAL.
- ALL WARNING SIGN LETTERS TO BE AT LEAST 3 INCHES HIGH, CLEARLY LEGIBLE AND SPACED A MINIMUM OF ONE EVERY 40 FT. FOR PROTECTION AREAS LESS THAN 40 FT IN PERIMETER, PROVIDE NO LESS THAN ONE SIGN PER SIDE.
- THE SIZE OF EACH WARNING SIGN MUST BE A MINIMUM OF 2' x 2' AND BE VISIBLE FROM BOTH SIDES OF THE FENCE.
- ATTACH SIGNS SECURELY TO FENCE POSTS AND FABRIC.
- THERE SHALL BE NO STORAGE OF MATERIAL WITHIN THE BOUNDARIES OF THE TREE PROTECTION FENCING.
- TREE PROTECTION FENCING SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. FENCING MUST REMAIN UPRIGHT AND SLACK FREE.

JURISDICTION	RADIUS OF CIRCULAR TPZ
BEAUFORT COUNTY DSO 106-1846(b)(2)OR	1 FOOT PER INCH OF TRUNK DBH OR 5 FEET, WHICHEVER IS GREATER
TOWN OF BLUFFTON UDO 5.3.3, C(1)	1.5 FEET PER INCH OF TRUNK DBH
TOWN OF HILTON HEAD LMO 16-6-104, J	FENCING AT DRIP LINE FOR ALL TREES PROPOSED TO BE RETAINED
CITY OF BEAUFORT UDO 7.3, D(3)	0.5 FOOT PER INCH OF TRUNK DBH OR 5 FEET, WHICHEVER IS GREATER
JASPER COUNTY ZONING ORD. ART. 13	FENCING AT DRIP LINE FOR "SIGNIFICANT" AND "LANDMARK" TREES
CITY OF HARDEEVILLE MZDSO 4.8, F	FENCING AT DRIP LINE FOR "PROTECTED TREES", SEE PLANS FOR ALL OTHERS

DBH = TRUNK DIAMETER AT BREAST HEIGHT

TREE PROTECTION FENCE

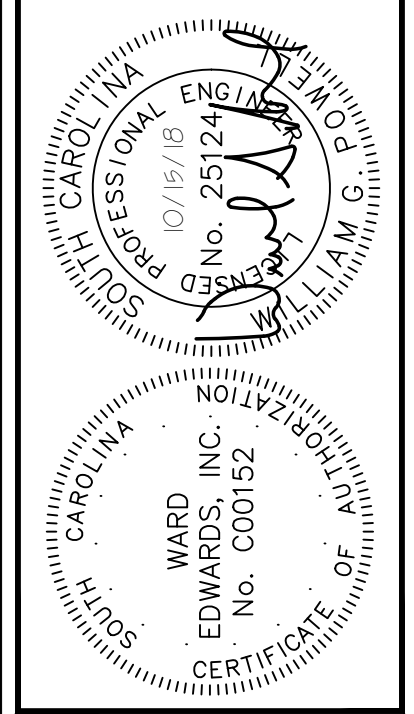
DETAIL #02915-008

TEMPORARY SEEDING - COASTAL

SPECIES	LBS/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SANDY, DROUGHTY SITES													
BROWNTOP MILLET	40 LBS/AC												
RYE, GRAIN	56 LBS/AC												
RYEGRASS	50 LBS/AC												
WELL DRAINED, CLAYEY/LOAMEY SITES													
BROWNTOP MILLET OR JAPANESE MILLET	40 LBS/AC												
RYE, GRAIN OR OATS	56 LBS/AC 75 LBS/AC												
RYEGRASS	50 LBS/AC												

TS TEMPORARY SEEDING - COASTAL

DETAIL 02370-011



NO.	DESCRIPTION	DATE
7		
6		
5		
4		
3		
2		
1		

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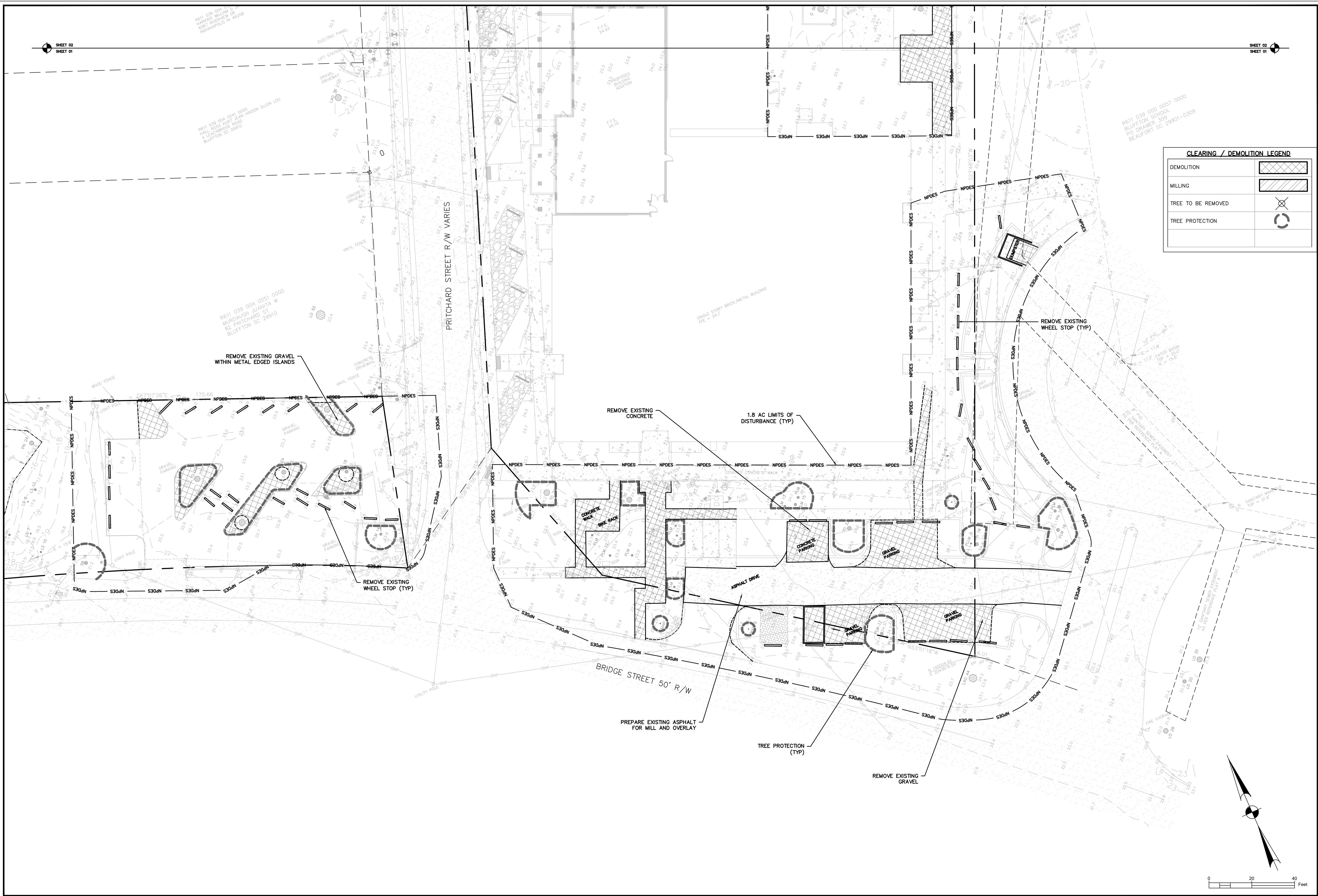
TOWN HALL PARKING LOT IMPROVEMENTS
 TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
INITIAL EROSION CONTROL DETAILS

NOT FOR CONSTRUCTION
 RELEASED FOR CONSTRUCTION

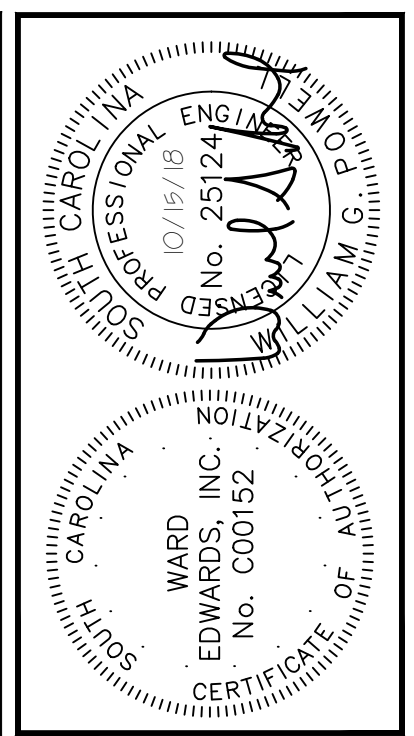
PROJECT #: 170102
 DATE: 10/15/18
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 CHECKED BY: WGP
 SCALE: AS NOTED

SHEET C204

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DEMOLITION	
MILLING	
TREE TO BE REMOVED	
TREE PROTECTION	



NO.	DESCRIPTION	DATE
7		
6		
5		
4		
3		
2		
1		

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ENGINEERING

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TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
CLEARING & DEMOLITION PLAN

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PROJECT #: 170102
DATE: 10/15/18
DESIGNED BY: CPB
CHECKED BY: WGP
SCALE: 1"=30'

SHEET C301

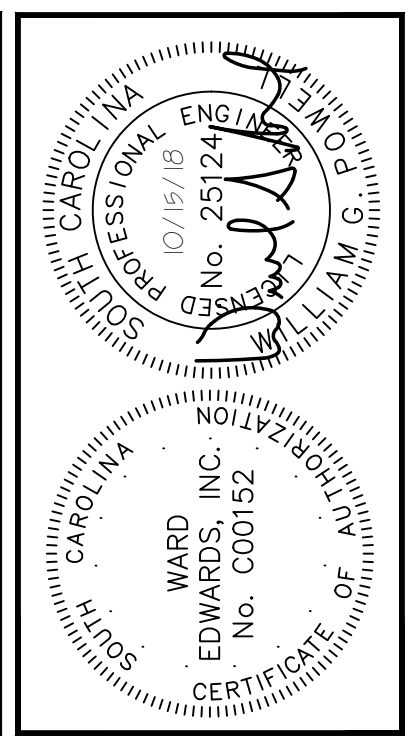
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CLEARING / DEMOLITION LEGEND

DEMOLITION	
MILLING	
TREE TO BE REMOVED	
TREE PROTECTION	



NO.	DESCRIPTION	DATE
7		
6		
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1		

Ward Edwards
ENGINEERING

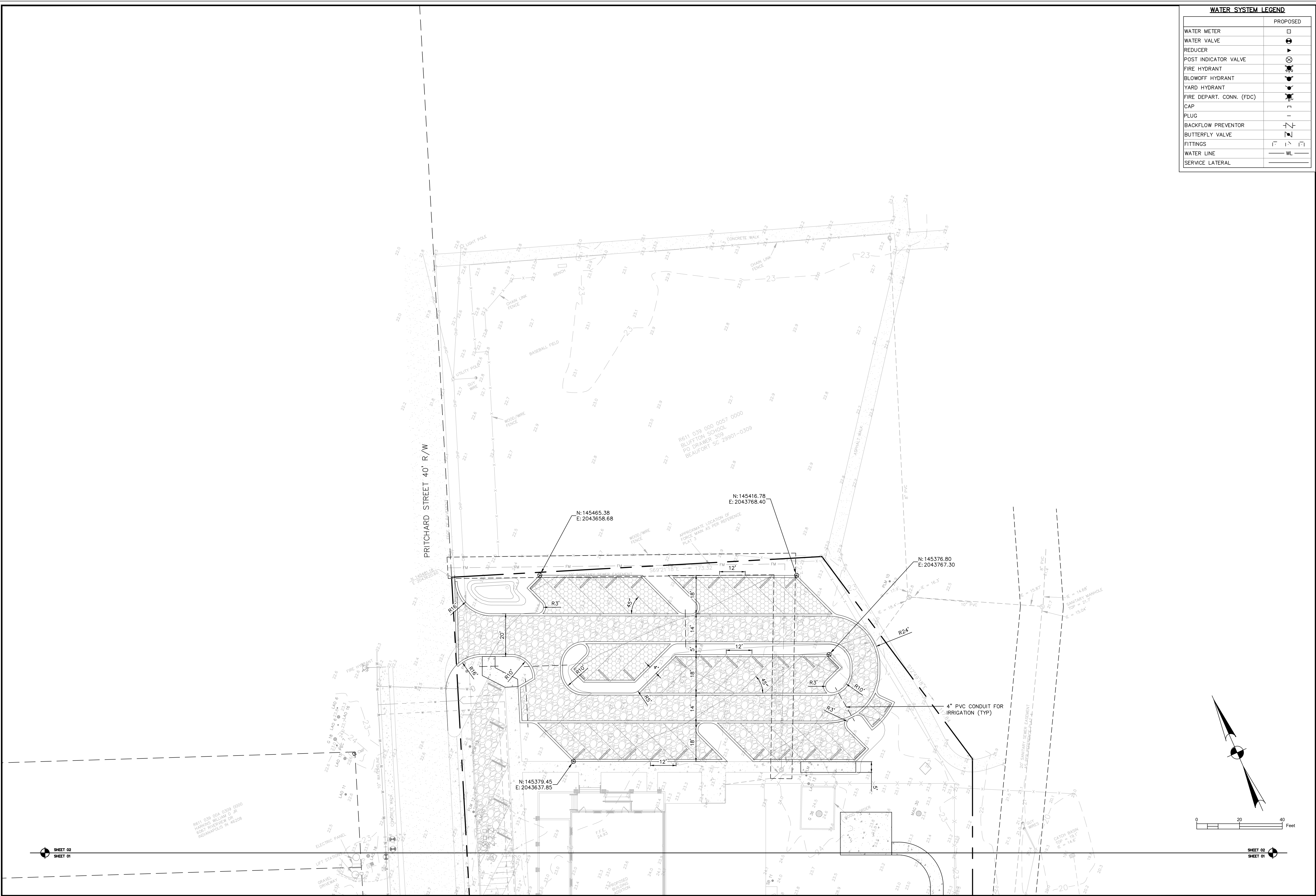
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TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
CLEARING & DEMOLITION PLAN

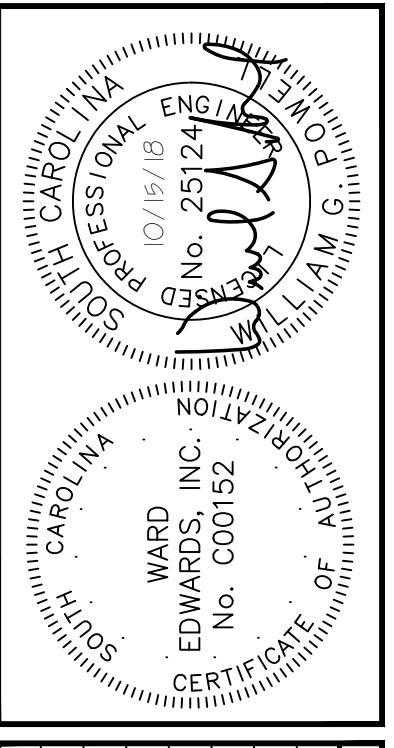
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PROJECT #:	170102
DATE:	10/15/18
DESIGNED BY:	CPB
CHECKED BY:	WGP
SCALE:	1"=30'

SHEET C302

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WATER SYSTEM LEGEND	
	PROPOSED
WATER METER	
WATER VALVE	
REDUCER	
POST INDICATOR VALVE	
FIRE HYDRANT	
BLOWOFF HYDRANT	
YARD HYDRANT	
FIRE DEPART. CONN. (FDC)	
CAP	
PLUG	
BACKFLOW PREVENTOR	
BUTTERFLY VALVE	
FITTINGS	
WATER LINE	
SERVICE LATERAL	



NO.	DESCRIPTION	DATE
7		
6		
5		
4		
3		
2		
1		

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TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
SITE LAYOUT & UTILITY PLAN

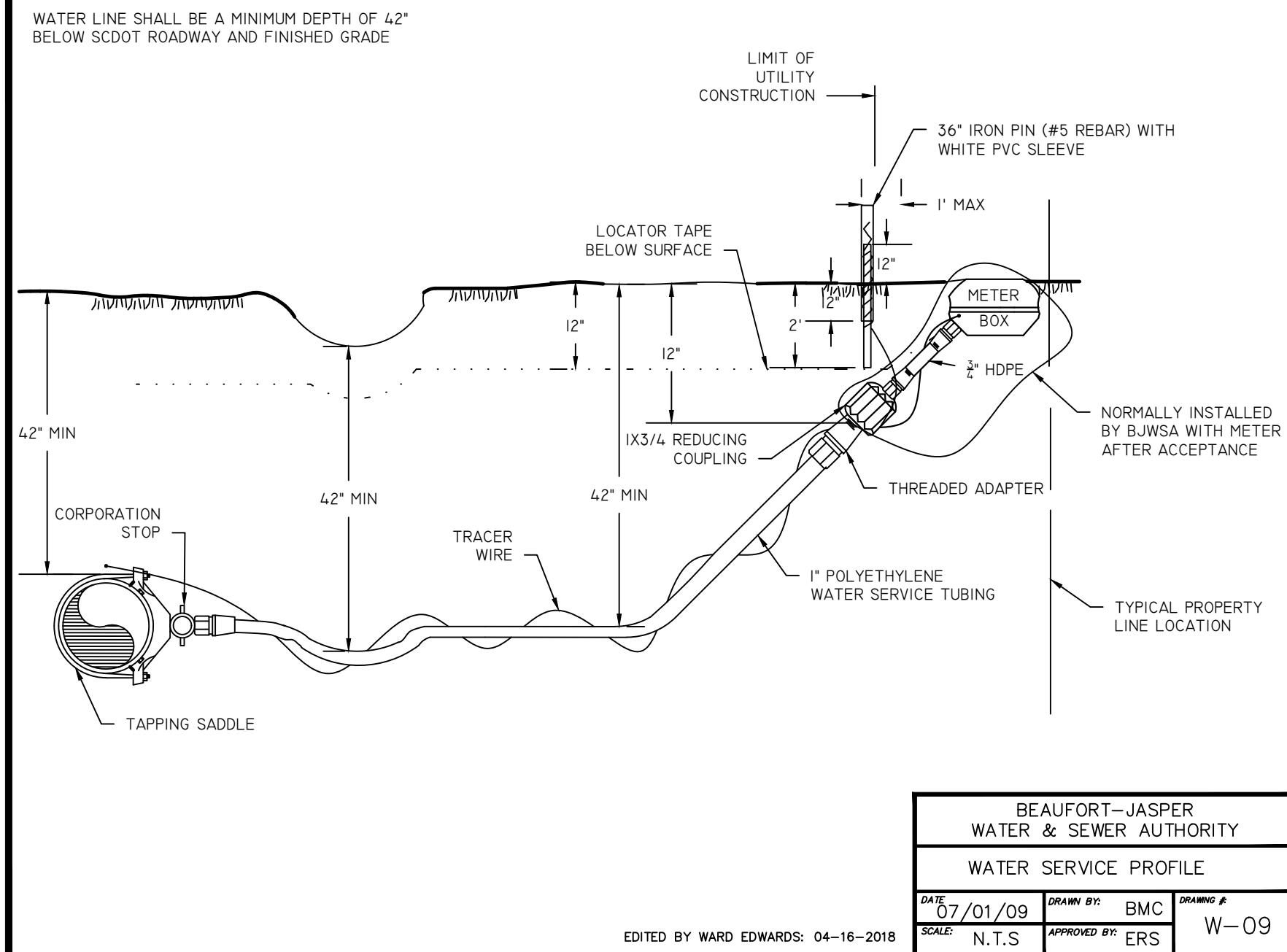
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PROJECT #: 170102
DATE: 10/15/18
DESIGNED BY: CPB
CHECKED BY: WGP
SCALE: 1"=30'

SHEET C402

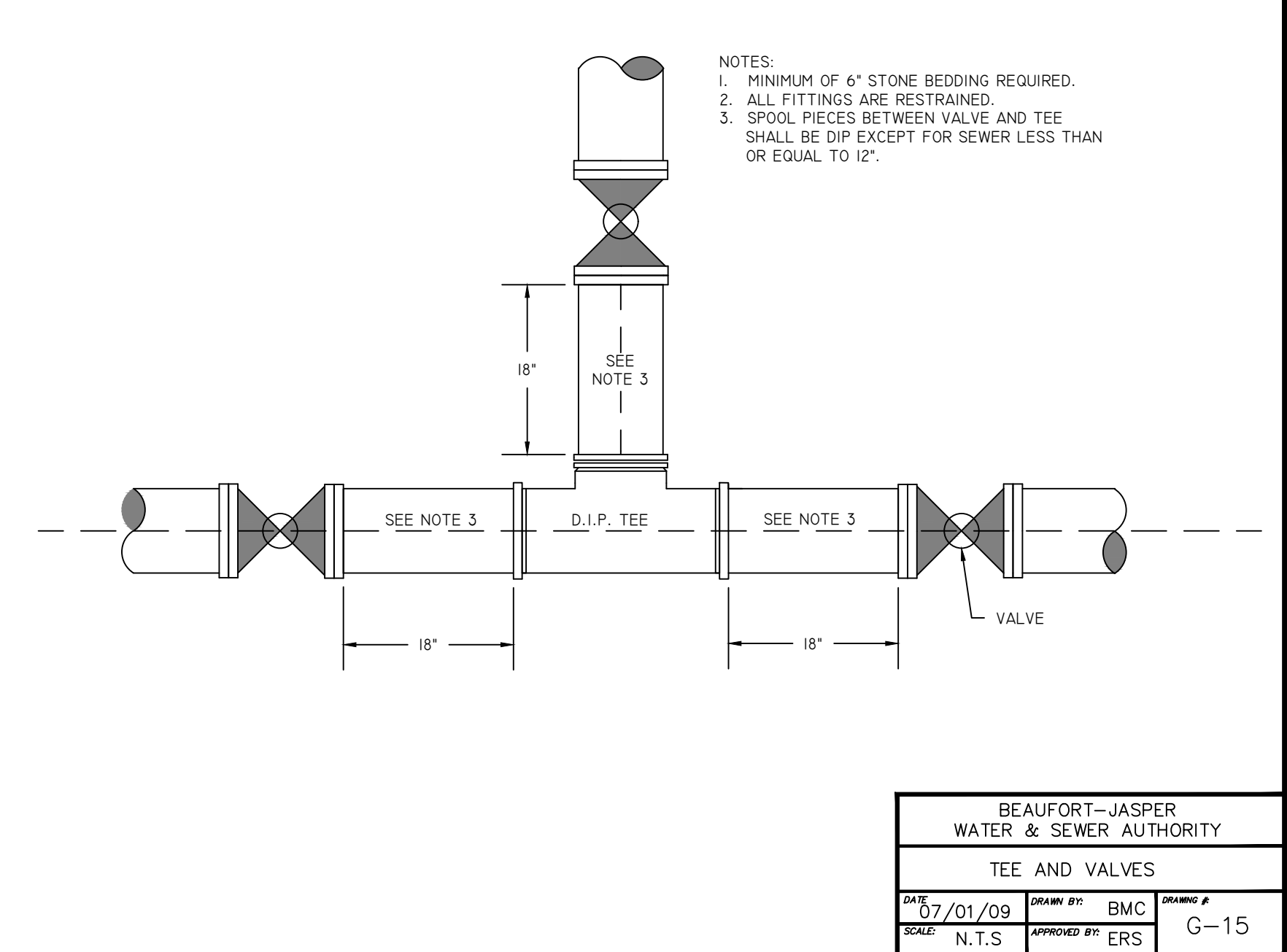
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- BIWSA UTILITY AS-BUILT SURVEY REQUIREMENTS**
- CONTRACTOR SHALL PROVIDE ENGINEER WITH ELECTRONIC FILE OF SURVEYED UTILITY AS-BUILT POINTS. POINT DESCRIPTIONS SHALL BE CLEAR AND UNDERSTANDABLE.
 - CONTRACTOR SHALL ALSO PROVIDE CORRESPONDING REDLINE DRAWING TO SUPPLEMENT OR CLARIFY ELECTRONIC FILE CONTENT.
 - CONTRACTOR SHALL SCHEDULE SURVEYOR TO BE PRESENT DURING INSTALLATION IN ORDER TO OBTAIN ACCURATE INFORMATION ON UNDERGROUND FITTINGS AND SANITARY/STORM CROSSING ELEVATIONS. MULTIPLE SURVEYOR MOBILIZATIONS MAY BE NEEDED. IF SURVEYOR IS NOT PRESENT DURING INSTALLATION, CONTRACTOR SHALL ENSURE SURVEYOR HAS ACCESS TO ALL UTILITY COMPONENTS LISTED IN THESE NOTES.
 - CONTRACTOR'S SURVEYOR SHALL BE A PROFESSIONAL LAND SURVEYOR LICENSED IN SOUTH CAROLINA. CONTRACTOR'S SURVEYOR WILL REVIEW AND SIGN THE BIWSA CERTIFICATION ON THE UTILITY AS-BUILT DRAWING PREPARED BY ENGINEER UPON COMPLETION.
 - UTILITY AS-BUILT POINTS SHALL BE BASED UPON THE NORTH AMERICAN DATUM OF 1983 (NAD83) AND THE USGS NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29).
 - AS BUILT SURVEY SHALL INCLUDE, BUT NOT NECESSARILY BE LIMITED TO, THE FOLLOWING:
 - GRAVITY SEWER**
 - MANHOLE LOCATIONS, FRAME ELEVATION, ALL INVERT ELEVATIONS
 - CLEANOUT LOCATIONS, GROUND ELEVATION, INVERT ELEVATION
 - POINTS FOR PERMANENT VISIBLE STRUCTURES NEARBY MANHOLES AND CLEANOUTS FOR REFERENCE (PAVEMENT, BUILDINGS, MANHOLES, CATCH BASINS, POWER POLES, OR PROPERTY CORNERS)
 - FORCE MAIN**
 - ELEVATION ON TOP OF FORCE MAIN CONNECTION TO MANHOLE OR FORCE MAIN MANIFOLD
 - AIR RELEASE VALVES
 - SIMPLE FORCE MAIN ALIGNMENTS ON 100 LF INCREMENTS
 - ARCS, BENDS ON 50 LF INCREMENTS
 - WATER**
 - HORIZONTAL AND VERTICAL LOCATION OF ALL VALVES, BENDS, TEES, AND STORM/SANITARY CROSSING POINTS (FOR AS-BUILT SEPARATION CALCULATIONS)
 - FIRE HYDRANTS
 - CONCRETE MARKERS, CONNECTIONS TO EXISTING LINES, BACKFLOW PREVENTORS, AIR RELEASE VALVES
 - POINTS FOR PERMANENT VISIBLE STRUCTURES NEAR WATER SYSTEM ELEMENTS DESCRIBED ABOVE FOR REFERENCE (PAVEMENT, BUILDINGS, MANHOLES, CATCH BASINS, POWER POLES, OR PROPERTY CORNERS). TWO SURVEYED REFERENCE POINT LOCATIONS ARE REQUIRED FOR EACH FITTING.
 - PUMP STATIONS**
 - COMPLETE LAYOUT OF PUMP STATION
 - MANHOLE LOCATIONS, FRAME ELEVATION, ALL INVERT ELEVATIONS
 - FENCING & GATES, CONTROL PANEL
 - TOP OF SLAB (INCL. BRASS BENCHMARK) & BOTTOM OF WETWELL
 - INFLUENT LINE INVERT
 - FLOAT LEVELS (PUMP OFF, PUMP ON, LEAD/LAG, BOHT PUMPS ON, HIGH WATER)
 - PROPERTY CORNERS, YARD HYDRANT, LIGHT POLE, DISCHARGE PIPING/VALVES



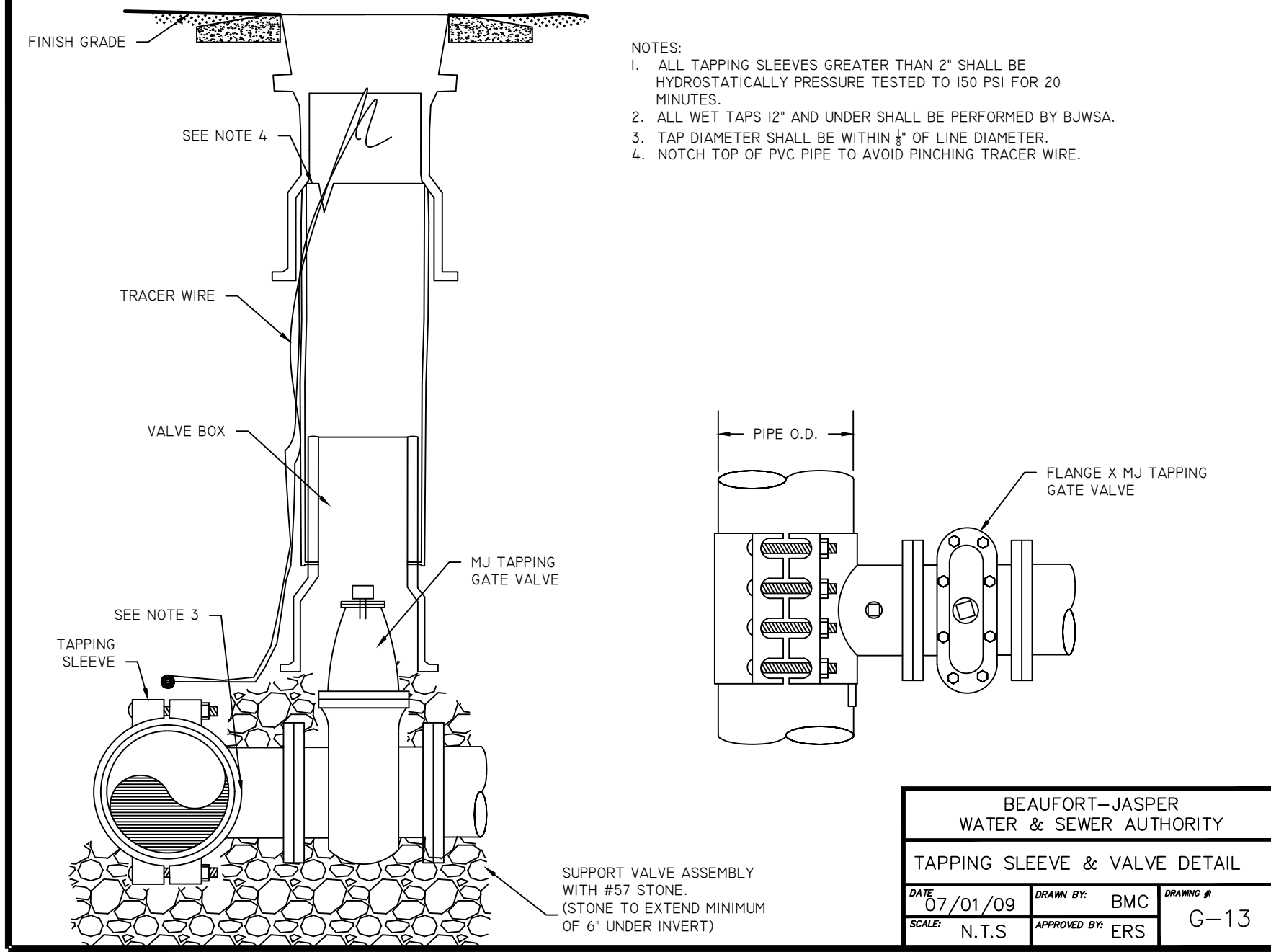
BEAUFORT-JASPER WATER & SEWER AUTHORITY			
WATER SERVICE PROFILE			
DATE	DRAWN BY	DRAWING #	
07/01/09	BMC	W-09	
SCALE	APPROVED BY		
N.T.S.	ERS		

EDITED BY WARD EDWARDS: 04-16-2018



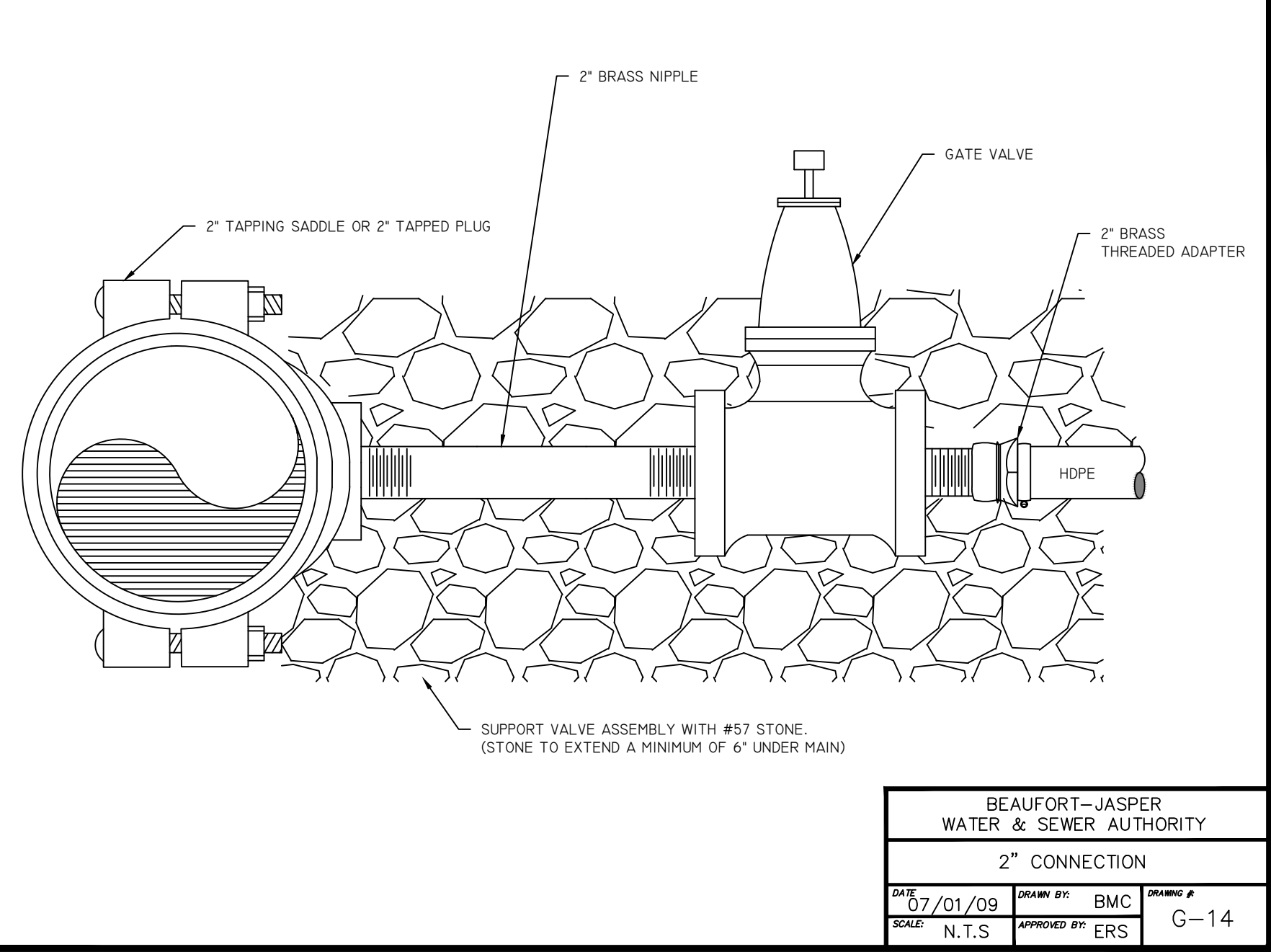
BEAUFORT-JASPER WATER & SEWER AUTHORITY			
TEE AND VALVES			
DATE	DRAWN BY	DRAWING #	
07/01/09	BMC	G-15	
SCALE	APPROVED BY		
N.T.S.	ERS		

- NOTES:
- MINIMUM OF 6" STONE BEDDING REQUIRED.
 - ALL FITTINGS ARE RESTRAINED.
 - SPOOL PIECES BETWEEN VALVE AND TEE SHALL BE DIP EXCEPT FOR SEWER LESS THAN OR EQUAL TO 12".

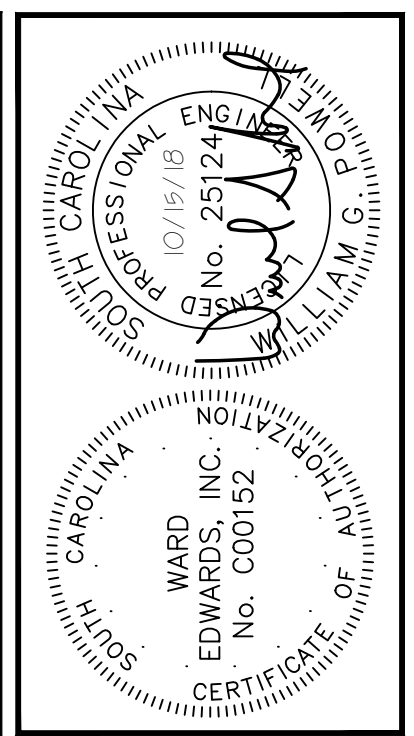


BEAUFORT-JASPER WATER & SEWER AUTHORITY			
TAPPING SLEEVE & VALVE DETAIL			
DATE	DRAWN BY	DRAWING #	
07/01/09	BMC	G-13	
SCALE	APPROVED BY		
N.T.S.	ERS		

- NOTES:
- ALL TAPPING SLEEVES GREATER THAN 2" SHALL BE HYDROSTATICALLY PRESSURE TESTED TO 150 PSI FOR 20 MINUTES.
 - ALL WET TAPS 12" AND UNDER SHALL BE PERFORMED BY BIWSA.
 - TAP DIAMETER SHALL BE WITHIN ± OF LINE DIAMETER.
 - NOTCH TOP OF PVC PIPE TO AVOID PINCHING TRACER WIRE.



BEAUFORT-JASPER WATER & SEWER AUTHORITY			
2" CONNECTION			
DATE	DRAWN BY	DRAWING #	
07/01/09	BMC	G-14	
SCALE	APPROVED BY		
N.T.S.	ERS		



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Ward Edwards
ENGINEERING
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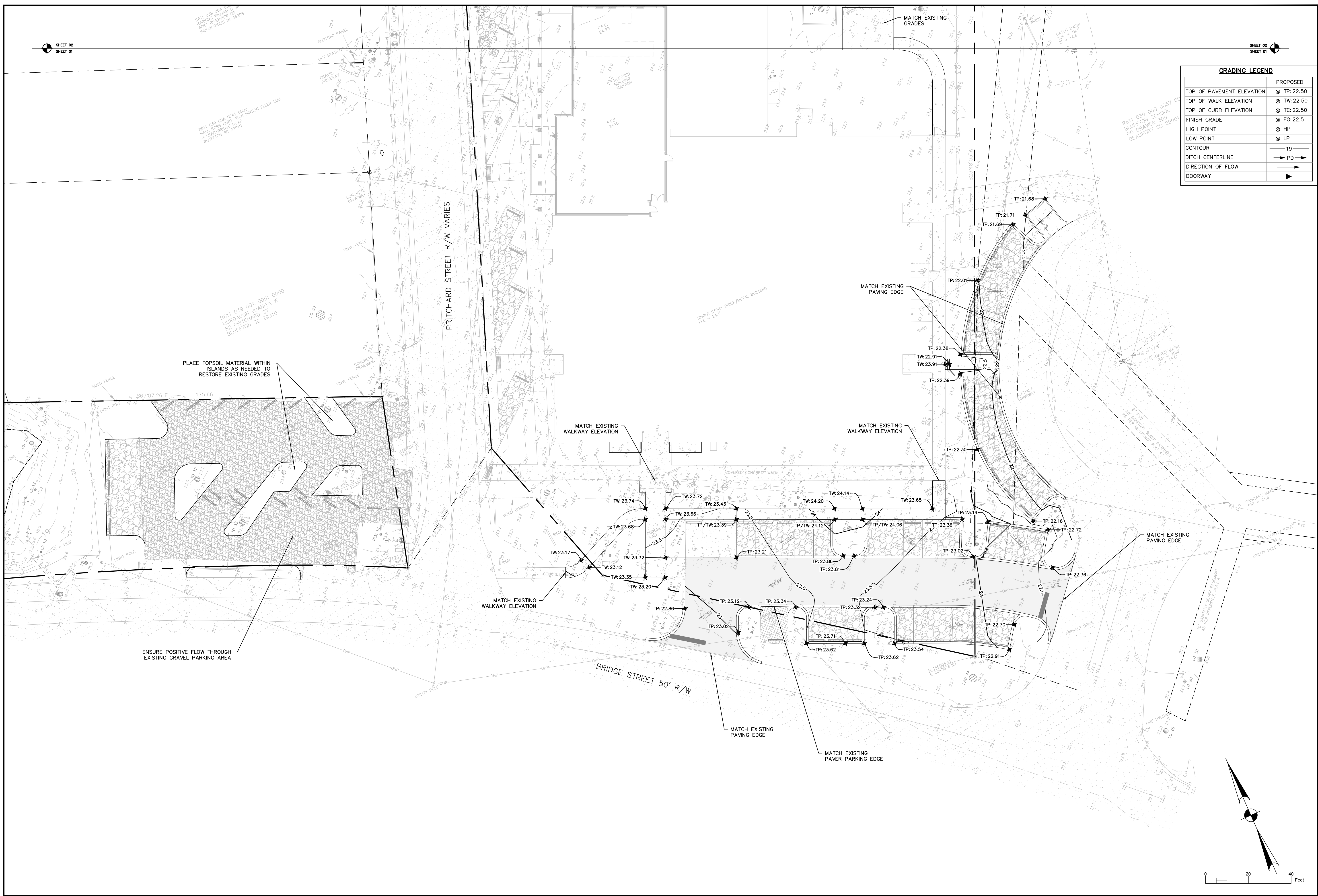
TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
SITE LAYOUT & UTILITY DETAILS

NOT FOR CONSTRUCTION
 RELEASED FOR CONSTRUCTION

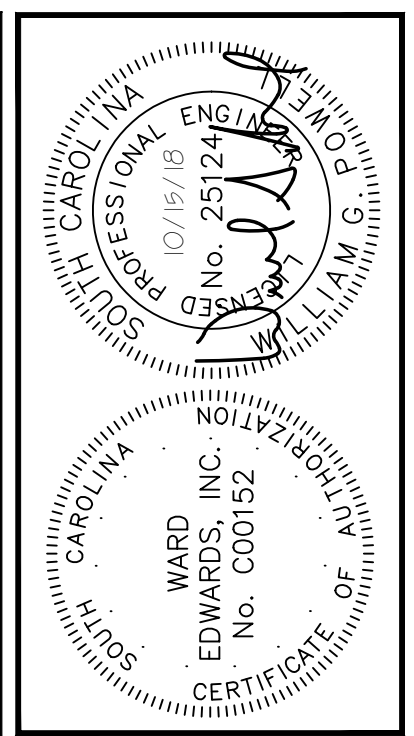
PROJECT #:	170102
DATE:	10/15/18
DESIGNED BY:	CPB
CHECKED BY:	WGP
SCALE:	AS NOTED

SHEET
C403

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GRADING LEGEND	
	PROPOSED
TOP OF PAVEMENT ELEVATION	⊗ TP: 22.50
TOP OF WALK ELEVATION	⊗ TW: 22.50
TOP OF CURB ELEVATION	⊗ TC: 22.50
FINISH GRADE	⊗ FG: 22.5
HIGH POINT	⊗ HP
LOW POINT	⊗ LP
CONTOUR	— 19 —
DITCH CENTERLINE	→ PD →
DIRECTION OF FLOW	→
DOORWAY	▶



PLAN REVISIONS	
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TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
GRADING & DRAINAGE PLAN

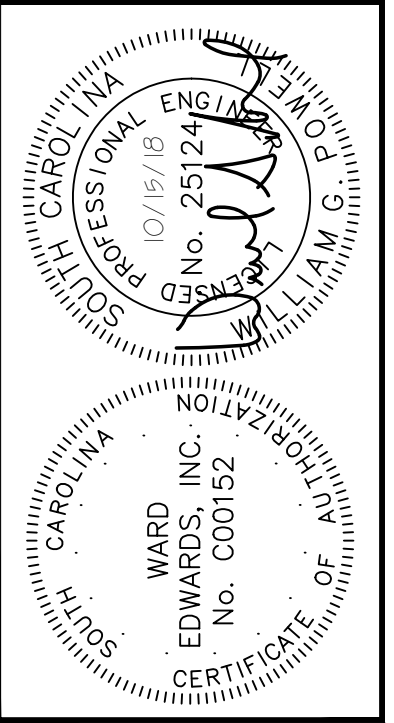
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PROJECT #: 170102
DATE: 10/15/18
DESIGNED BY: CPB
CHECKED BY: WGP
SCALE: 1"=30'

SHEET C501

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GRADING LEGEND	
	PROPOSED
TOP OF PAVEMENT ELEVATION	⊗ TP: 22.50
TOP OF WALK ELEVATION	⊗ TW: 22.50
TOP OF CURB ELEVATION	⊗ TC: 22.50
FINISH GRADE	⊗ FG: 22.5
HIGH POINT	⊗ HP
LOW POINT	⊗ LP
CONTOUR	— 19 —
DITCH CENTERLINE	→ PD →
DIRECTION OF FLOW	→
DOORWAY	▶



NO.	DESCRIPTION	DATE
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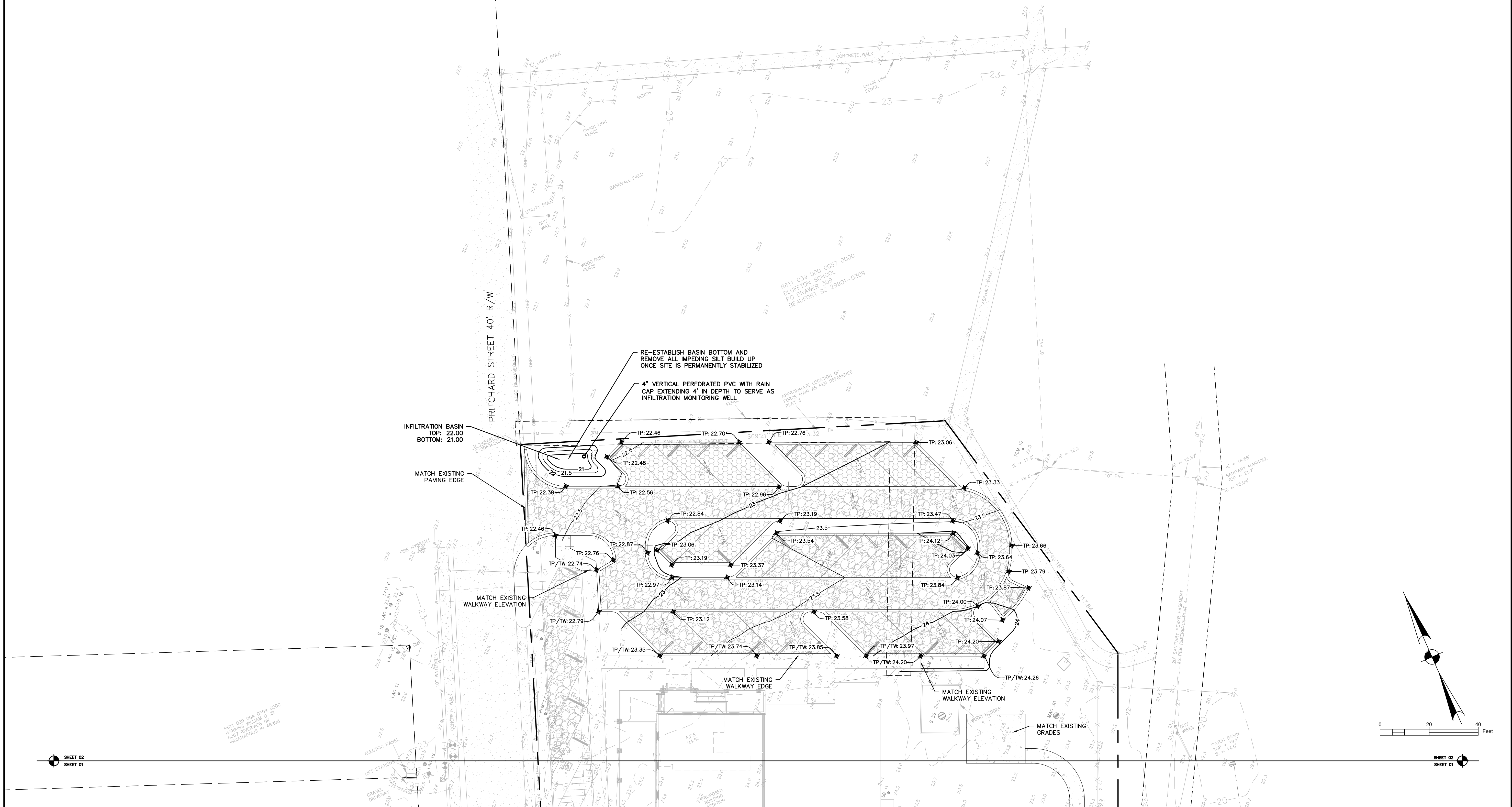
TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA

TOWN OF BLUFFTON, SOUTH CAROLINA

GRADING & DRAINAGE PLAN

<input checked="" type="checkbox"/> NOT FOR CONSTRUCTION	<input type="checkbox"/> RELEASED FOR CONSTRUCTION
PROJECT #:	170102
DATE:	10/15/18
DESIGNED BY:	CPB
CHECKED BY:	WGP
SCALE:	1"=30'

SHEET C502



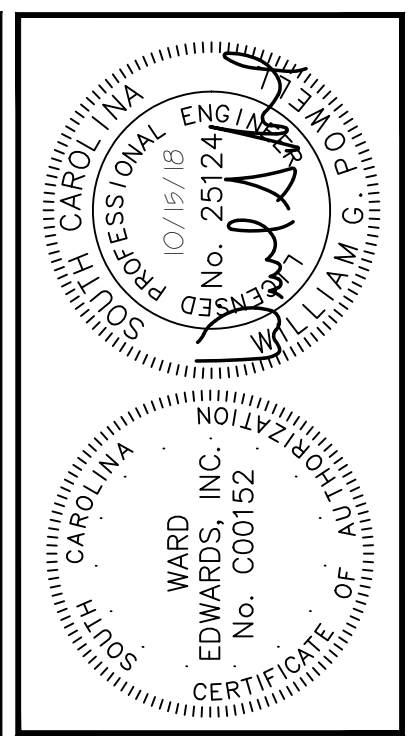
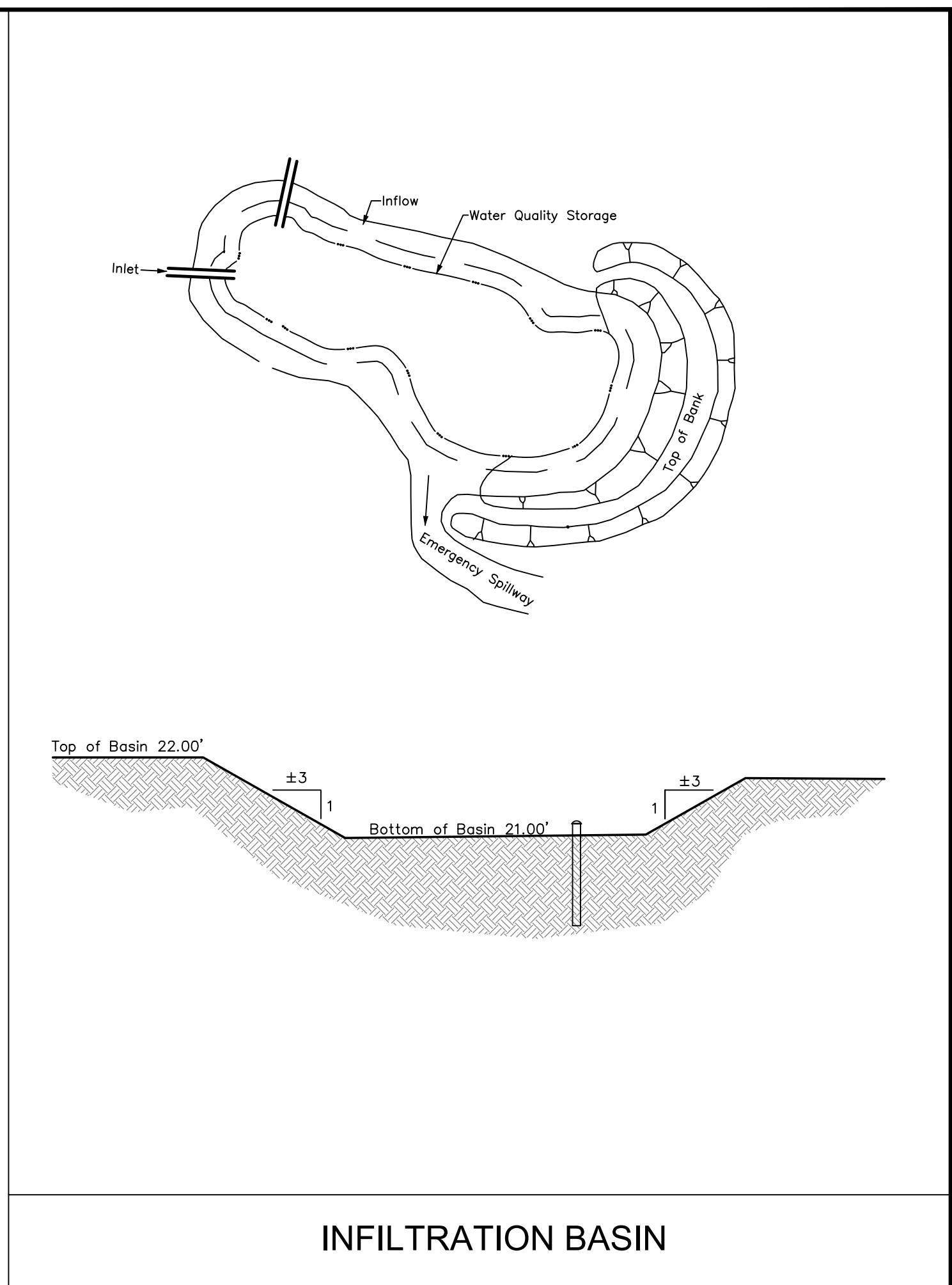
RS11 039 000 0057 0000
HARRISON, WILLIAM D JR
1607 STRAVER DR
INDIANAPOLIS IN 46228

SHEET 02
SHEET 01

SHEET 02
SHEET 01

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NO.	DESCRIPTION	DATE
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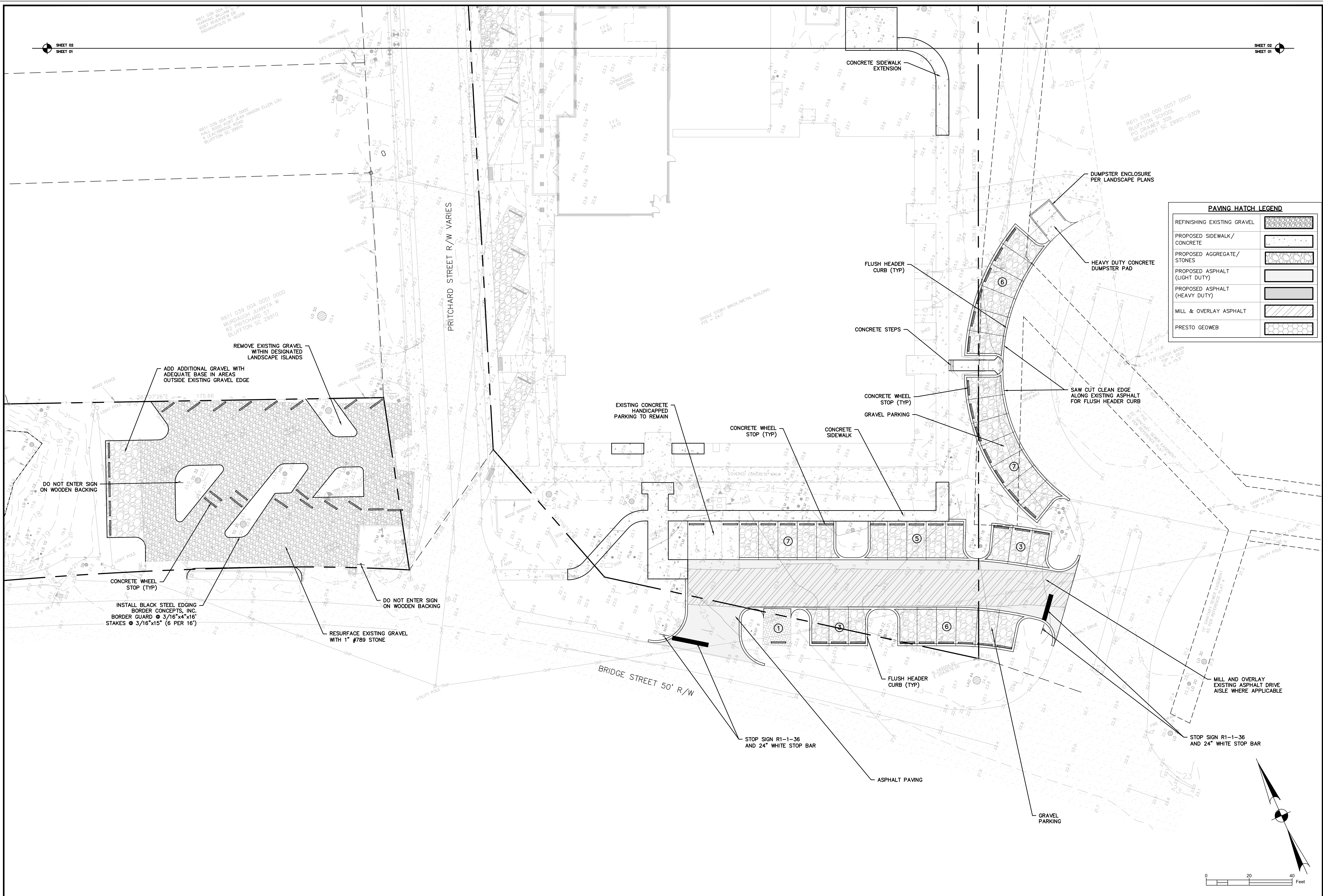
TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
GRADING & DRAINAGE DETAILS

NOT FOR CONSTRUCTION
 RELEASED FOR CONSTRUCTION

PROJECT #: 170102
DATE: 10/15/18
DESIGNED BY: CPB
CHECKED BY: WGP
SCALE: AS NOTED

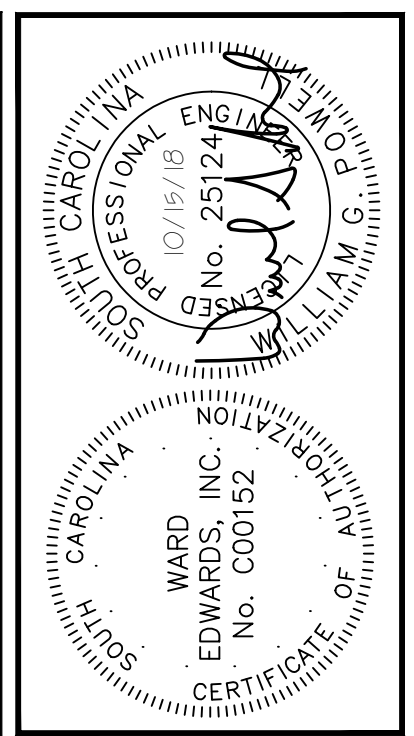
SHEET
C503

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PAVING HATCH LEGEND

REFINISHING EXISTING GRAVEL	
PROPOSED SIDEWALK/ CONCRETE	
PROPOSED AGGREGATE/ STONES	
PROPOSED ASPHALT (LIGHT DUTY)	
PROPOSED ASPHALT (HEAVY DUTY)	
MILL & OVERLAY ASPHALT	
PRESTO GEOWEB	



NO.	DESCRIPTION	DATE
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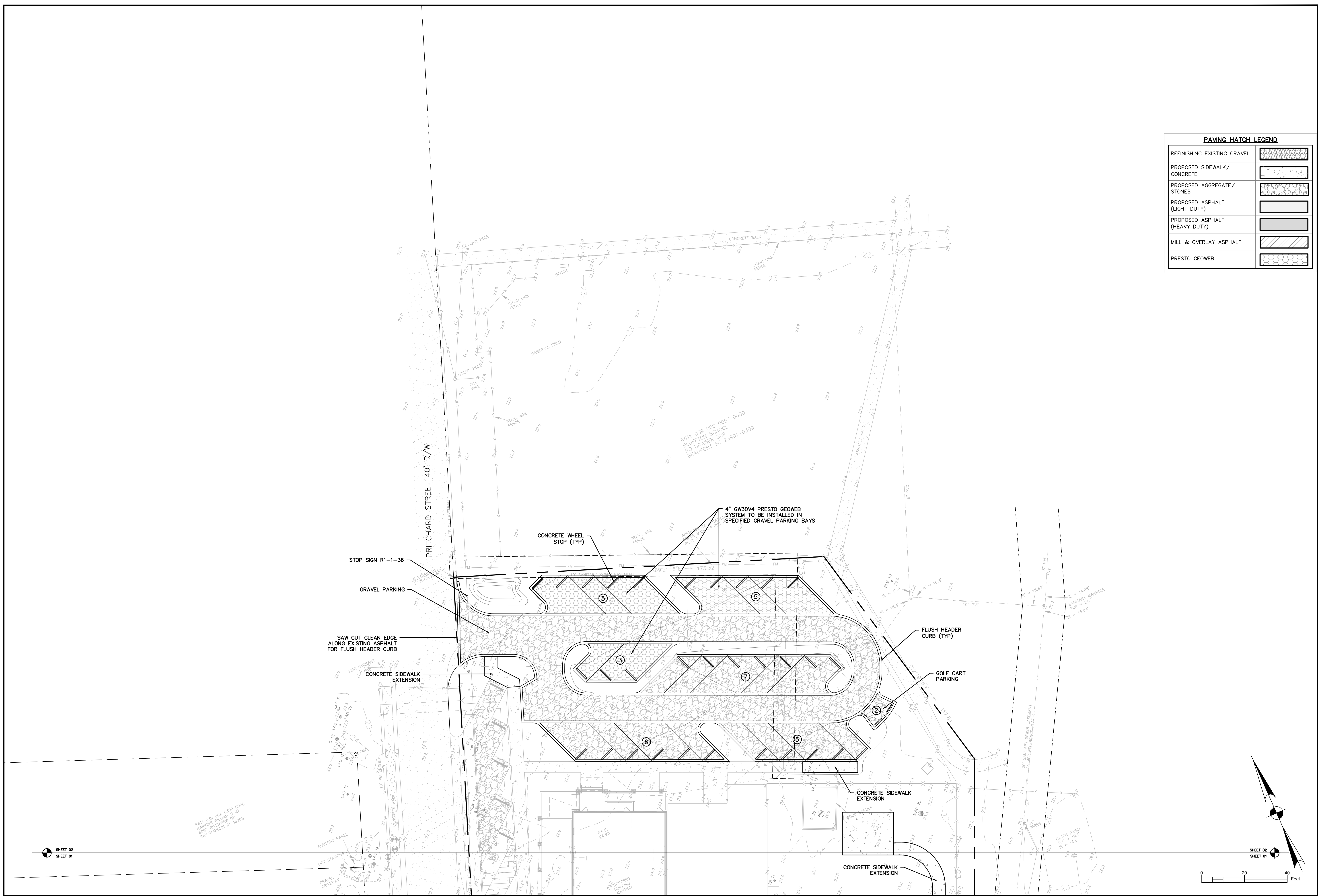
TOWN HALL PARKING LOT IMPROVEMENTS
 TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
PAVING, SIGNAGE & MARKING PLAN

<input checked="" type="checkbox"/> NOT FOR CONSTRUCTION	<input type="checkbox"/> RELEASED FOR CONSTRUCTION
PROJECT #:	170102
DATE:	10/15/18
DESIGNED BY:	CPB
CHECKED BY:	WGP
SCALE:	1"=30'

SHEET C601

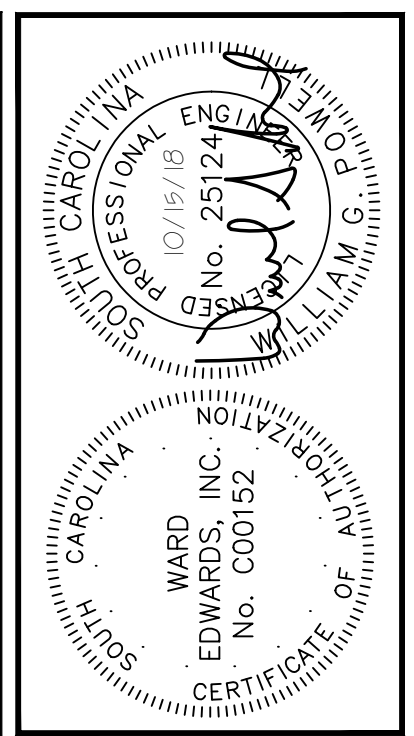
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PAVING HATCH LEGEND

REFINISHING EXISTING GRAVEL	
PROPOSED SIDEWALK/ CONCRETE	
PROPOSED AGGREGATE/ STONES	
PROPOSED ASPHALT (LIGHT DUTY)	
PROPOSED ASPHALT (HEAVY DUTY)	
MILL & OVERLAY ASPHALT	
PRESTO GEOWEB	



NO.	DESCRIPTION	DATE
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TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
PAVING, SIGNAGE & MARKING PLAN

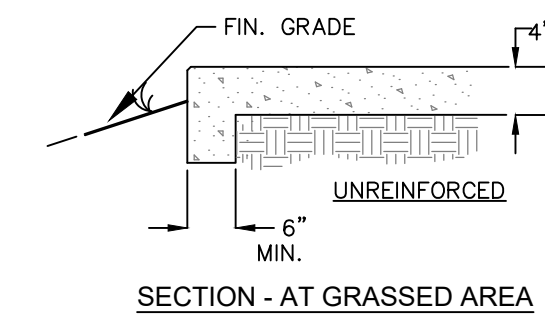
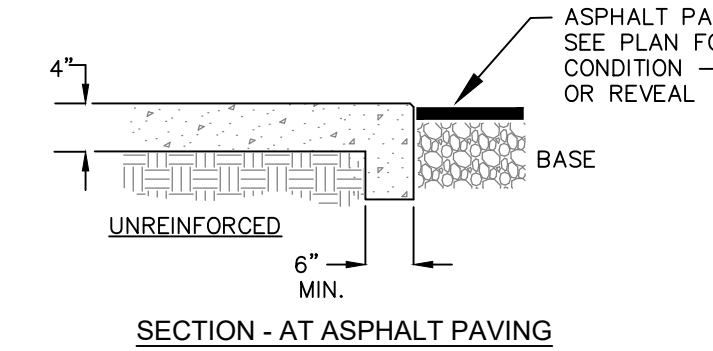
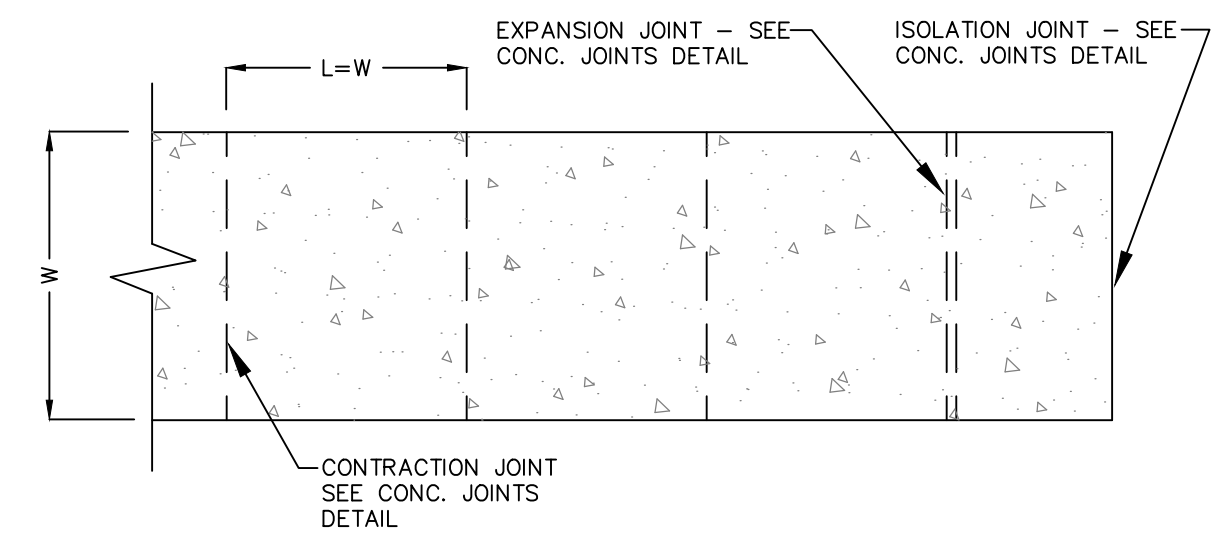
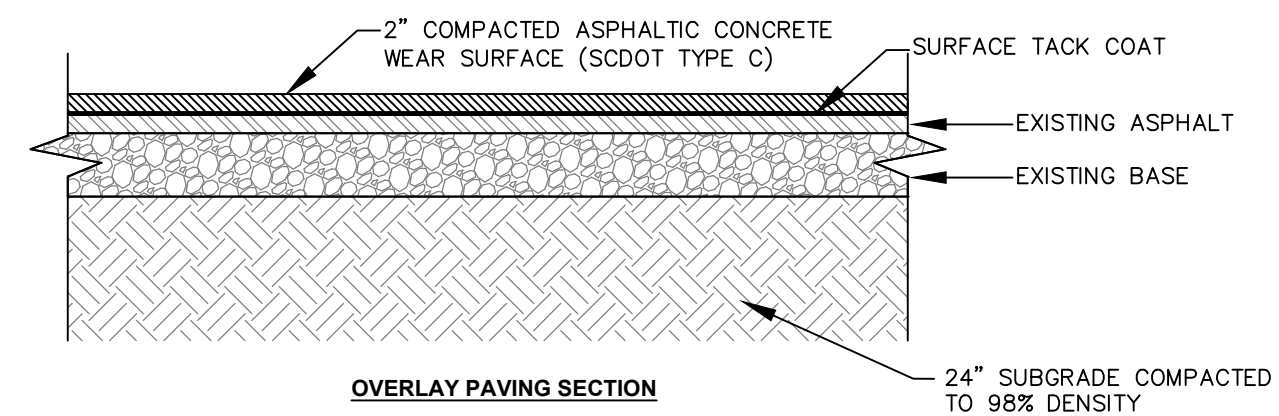
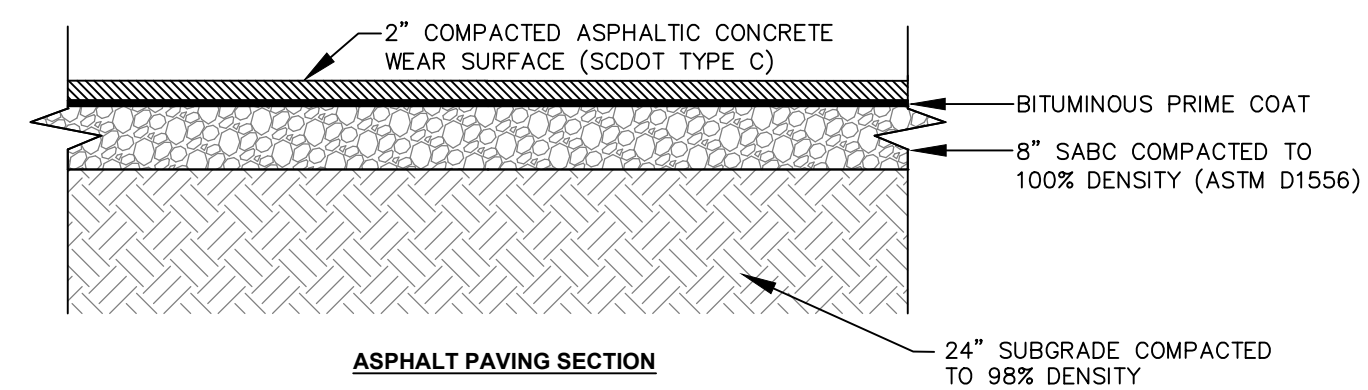
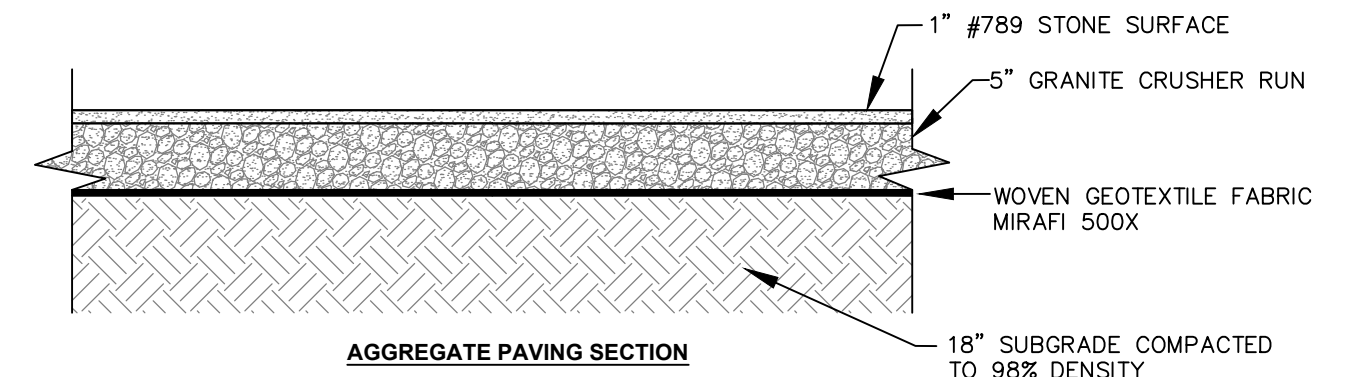
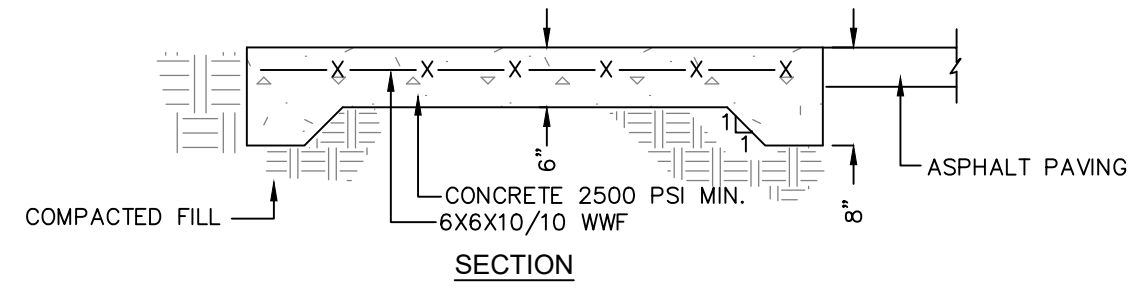
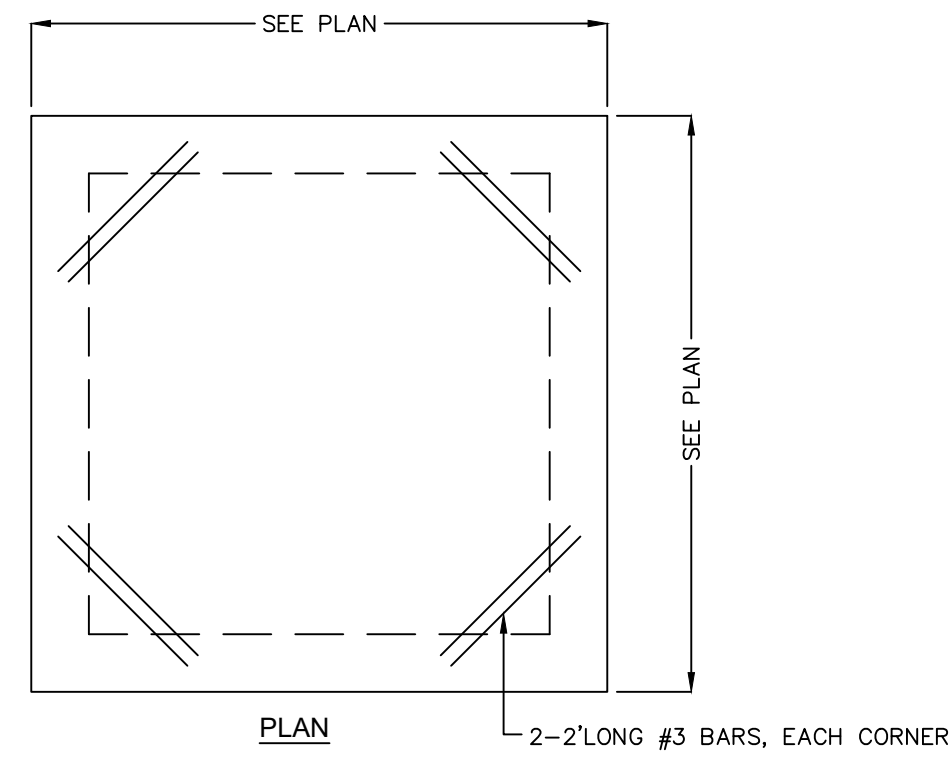
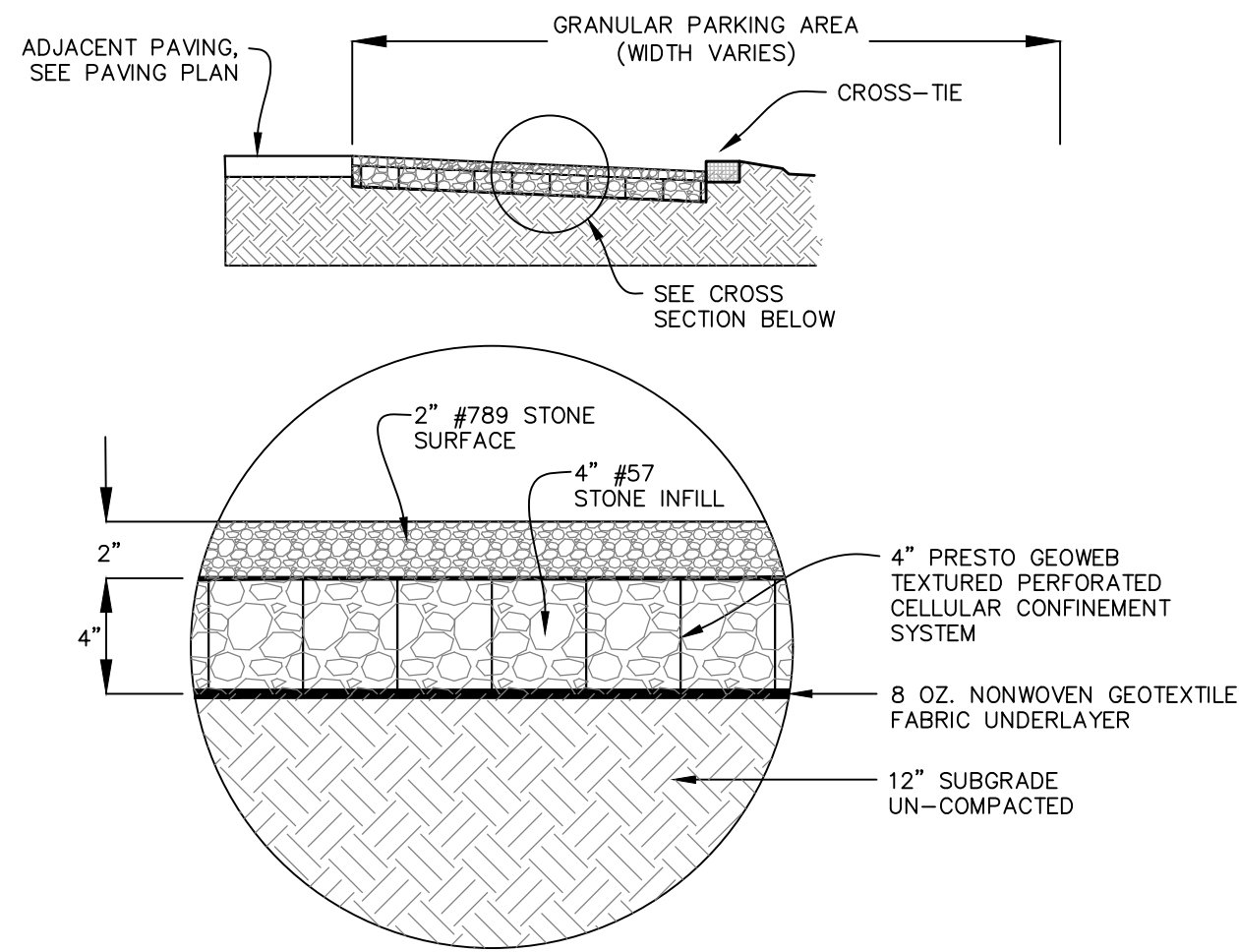
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PROJECT #: 170102
DATE: 10/15/18
DESIGNED BY: CPB
CHECKED BY: WGP
SCALE: 1"=30'

SHEET C602

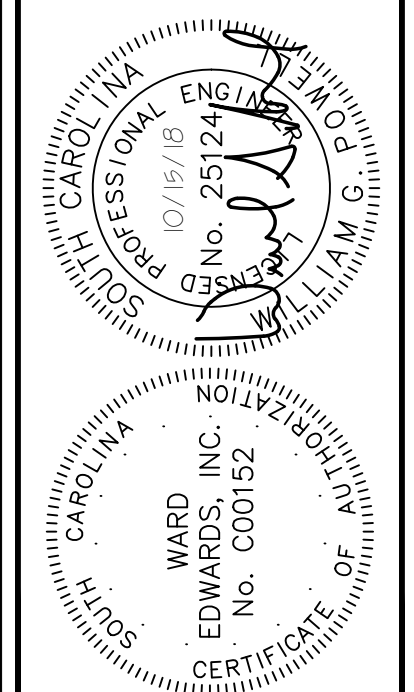
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- GEOWEB NOTES:**
- EXCAVATE OR FILL THE SUBGRADE SOIL TO THE GRADES, ELEVATIONS AND DIMENSIONS SHOWN ON THE CONSTRUCTION DRAWINGS.
 - VERIFY THAT THE SUBGRADE SOIL SATISFIES THE DESIGN STRENGTH REQUIREMENTS. IF UNACCEPTABLE SOILS ARE ENCOUNTERED, THEY SHALL BE REMOVED AND REPLACED WITH ENGINEERED FILL AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
 - EXPAND GEOWEB SECTIONS, DIMENSIONED ACCORDING TO THE CONSTRUCTION DRAWINGS, INTO POSITION USING STRETCHER FRAMES, TEMPORARY STAKES, OR OTHER SUITABLE METHOD TO TEMPORARILY HOLD IN PLACE. INTERLEAF OR OVERLAP ADJACENT SECTION ACCORDING TO WHICH SIDE WALL PROFILES ABUT. ENSURE THAT ALL ADJOINING CELLS ARE FULLY STAPLED.
 - PLACE THE SPECIFIED INFILL MATERIAL TO APPROXIMATELY 2 INCHES ABOVE THE CELL WALLS. COMPACT THE INFILL MATERIAL TO A MINIMUM OF 95% STANDARD PROCTOR DRY DENSITY.
 - PLACE AND COMPACT ADDITIONAL SURFACE MATERIAL AS REQUIRED BY DESIGN.
 - ALL INFILL MATERIAL SHALL BE GRANITE AGGREGATE, SIZE AS SPECIFIED



- NOTES:**
- W = VARIES, REFER TO STAKING PLAN.
 - L = WIDTH OF PAVING UNLESS OTHERWISE INDICATED ON PLAN.
 - SLOPE = AS INDICATED ON GRADING PLAN, NOT TO EXCEED 2% CROSS OR 8.33% LONGITUDINAL.
 - ALL CONCRETE SHALL BE CLASS A 3000 PSI.
 - FINISH: BROOM WITH HAND TOOLED JOINTS AND EDGES.



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TOWN HALL PARKING LOT IMPROVEMENTS
 TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
DRAINAGE DETAILS

PROJECT #:	170102
DATE:	10/15/18
DESIGNED BY:	CPB
CHECKED BY:	WGP
SCALE:	AS NOTED

SHEET C603

GEOWEB AGGREGATE PAVING

DETAIL #02890-002

HEAVY DUTY CONCRETE DUMPSTER PAD

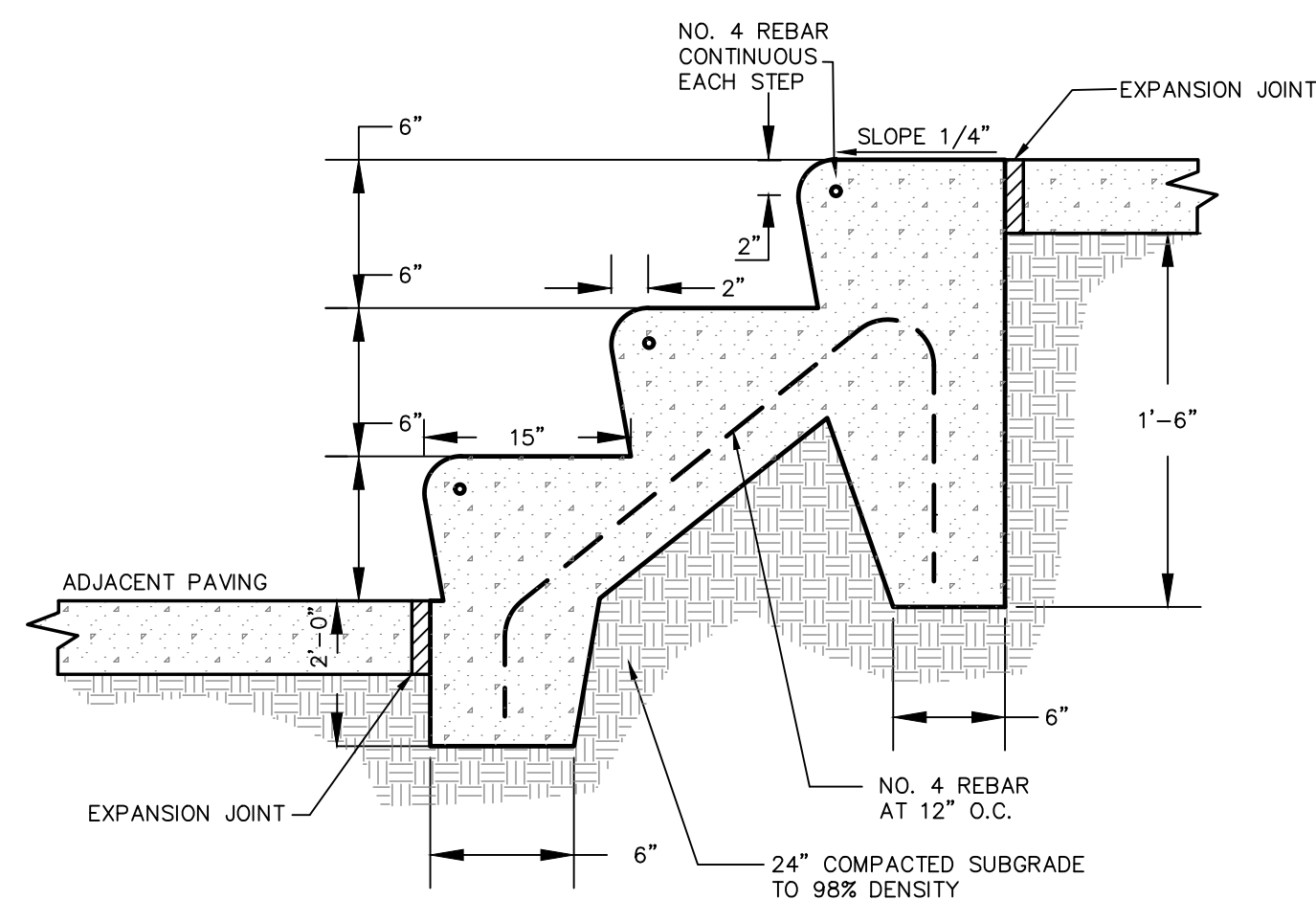
DETAIL 03300-017

TYPICAL PAVING SECTIONS

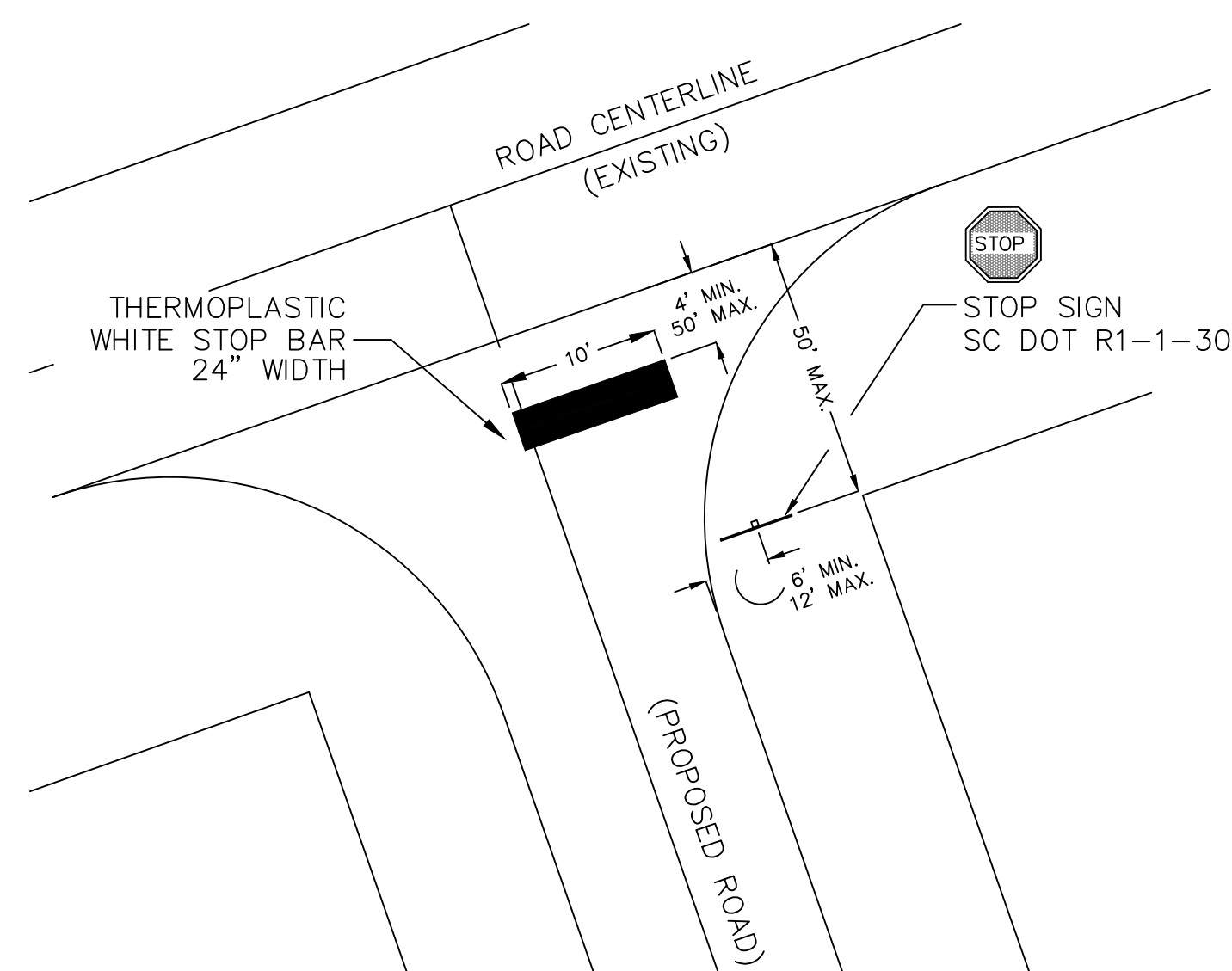
DETAIL 02740-016

CONCRETE SIDEWALK

DETAIL 03300-022



NOTE:
SEE PLANS FOR ELEVATION CHANGE AND NUMBER OF STEPS

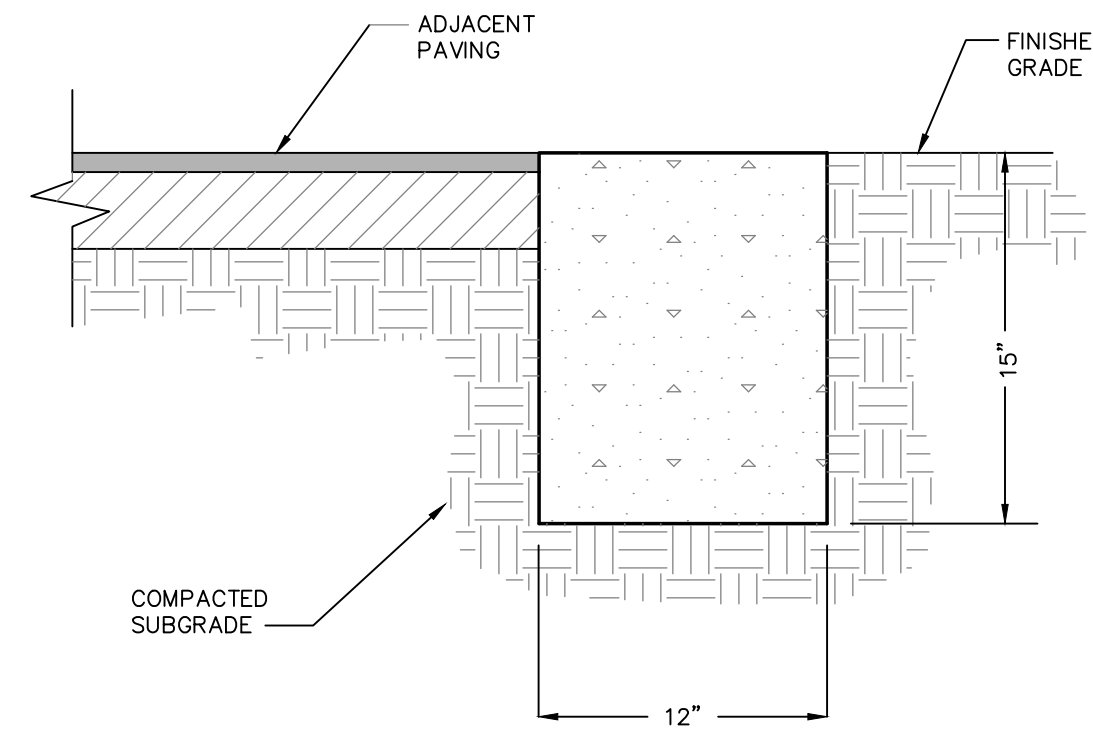


CONCRETE STEPS

DETAIL 03300-011

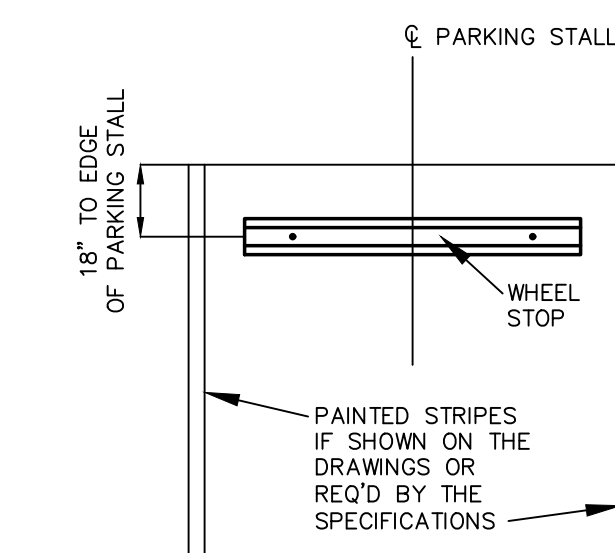
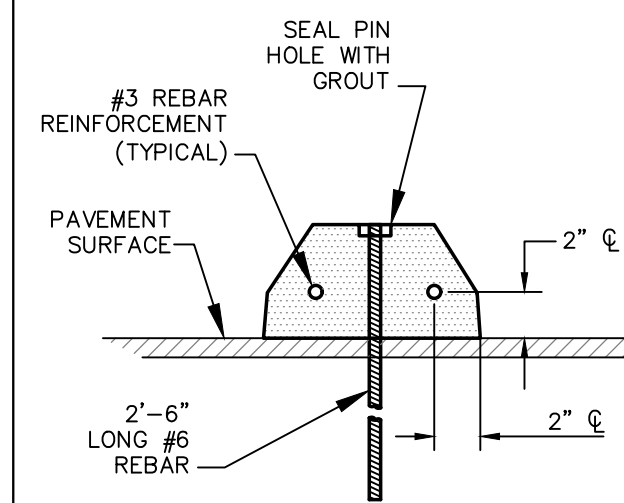
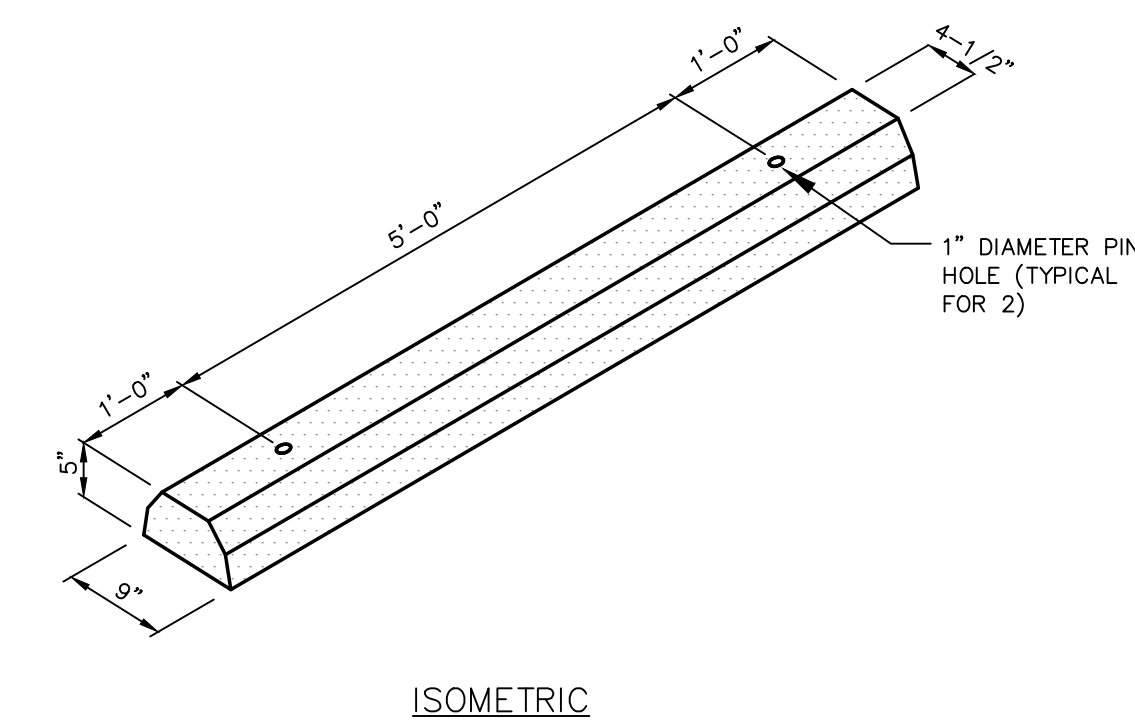
TYPICAL STOP SIGN & STOP BAR STRIPING AT INTERSECTION

DETAIL #02740-018



FLUSH HEADER CURB

DETAIL 03300-005



- NOTES:**
- WHEEL STOPS SHALL BE STEEL REINFORCED PRECAST UNITS CONSISTING OF SCDOT CLASS 3000 CONCRETE. MINIMUM ALTERNATE MATERIAL COMPOSITION MUST BE APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.
 - WHEEL STOPS SHALL BE INSTALLED PERPENDICULAR TO PARKING STALL AND SHALL BE PLACED A MINIMUM OF 18" FROM END OF PARKING STALL OR OBSTRUCTION.
 - ANCHORING PINS SHALL BE DRIVEN FLUSH TO THE TOP OF THE WHEEL STOP AND PIN HOLES SHALL BE GROUTED UPON INSTALLATION.

PRECAST CONCRETE WHEEL STOP

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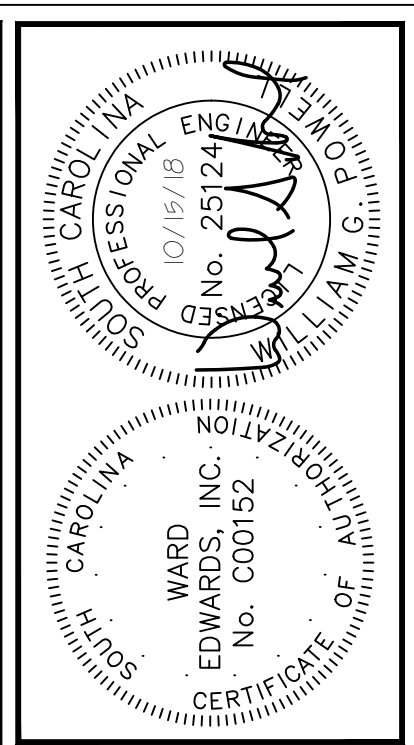
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LIMITS OF DISTURBANCE: NPDES	
EROSION PREVENTION	
LAND GRADING:	LD OR ADM
SURFACE ROUGHENING:	[Symbol]
TOPSOILING:	[Symbol]
TEMPORARY SEEDING:	TS
MULCHING:	M
ECB OR TRM:	[Symbol]
FGM:	FGM
BFM:	BFM
PERMANENT SEEDING:	PS
SODDING:	SO
RIPRAP:	[Symbol]
OUTLET PROTECTION:	RIPRAP ECB or TRM
DUST CONTROL:	DC
POLYACRYLAMIDE (PAM):	PAM
SEDIMENT CONTROL	
SEDIMENT BASIN:	[Symbol]
TEMPORARY SEDIMENT TRAP:	[Symbol]
ROCK SEDIMENT DIKE:	[Symbol]
ROCK CHECK DAM:	[Symbol] OR [Symbol]
SEDIMENT TUBE:	[Symbol]
SILT FENCE:	[Symbol]
REINFORCED SILT FENCE:	[Symbol]
TYPE A - FABRIC INLET PROTECTION:	[Symbol]
TYPE A - SEDIMENT TUBE INLET PROTECTION:	[Symbol]
TYPE B - WIRE MESH AND STONE DROP INLET PROTECTION:	[Symbol]
TYPE C - BLOCK AND GRAVEL INLET PROTECTION:	[Symbol]
TYPE D - RIGID INLET FILTERS:	[Symbol]
TYPE E - SURFACE COURSE CURB INLET FILTER:	[Symbol]
TYPE F - INLET TUBE:	[Symbol]
TYPE FB - FILTER BAG:	[Symbol]
CONCRETE WASHOUT:	[Symbol]
RUNOFF CONVEYANCE MEASURES	
VEGETATED CHANNELS:	[Symbol]
RIPRAP-LINED CHANNELS:	[Symbol]
ECB OR TRM-LINED CHANNELS:	[Symbol]
PAVED CHANNELS:	PC [Symbol] PC [Symbol] PC [Symbol]
PIPE SLOPE DRAINS:	[Symbol]
TEMPORARY STREAM CROSSING:	[Symbol]
TEMPORARY DIVERSION DITCH OR SWALE:	[Symbol]
PERMANENT DIVERSION DITCH:	[Symbol]
DIVERSION DIKE OR BERM:	[Symbol]
LEVEL SPREADER:	[Symbol]
SUBSURFACE DRAIN:	[Symbol]

SHEET 02
SHEET 01

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NO.	DESCRIPTION	DATE
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TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
INTERMEDIATE & FINAL
EROSION CONTROL PLAN

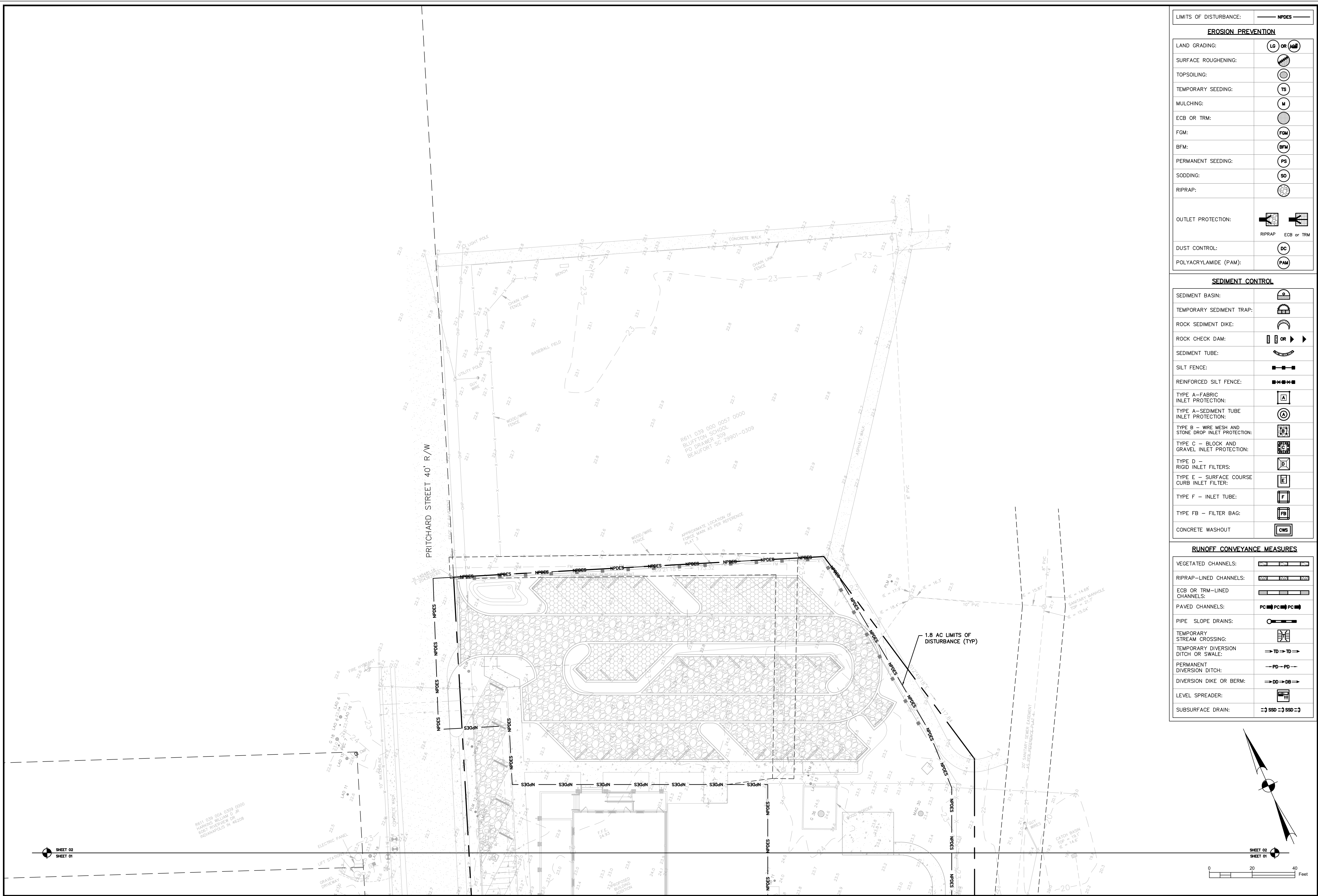
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PROJECT #: 170102
DATE: 10/15/18
DESIGNED BY: CPB
CHECKED BY: WGP
SCALE: 1"=30'

SHEET C701

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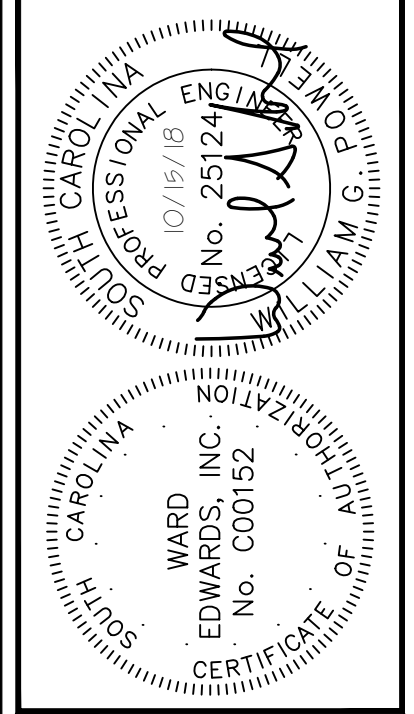
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LIMITS OF DISTURBANCE: <input type="checkbox"/> NPDES	
EROSION PREVENTION	
LAND GRADING:	<input type="checkbox"/> LG OR <input type="checkbox"/>
SURFACE ROUGHENING:	<input type="checkbox"/>
TOPSOILING:	<input type="checkbox"/>
TEMPORARY SEEDING:	<input type="checkbox"/> TS
MULCHING:	<input type="checkbox"/> M
ECB OR TRM:	<input type="checkbox"/>
FGM:	<input type="checkbox"/> FGM
BFM:	<input type="checkbox"/> BFM
PERMANENT SEEDING:	<input type="checkbox"/> PS
SODDING:	<input type="checkbox"/> SO
RIPRAP:	<input type="checkbox"/>
OUTLET PROTECTION:	<input type="checkbox"/> RIPRAP <input type="checkbox"/> ECB or TRM
DUST CONTROL:	<input type="checkbox"/> DC
POLYACRYLAMIDE (PAM):	<input type="checkbox"/> PAM

SEDIMENT CONTROL	
SEDIMENT BASIN:	<input type="checkbox"/>
TEMPORARY SEDIMENT TRAP:	<input type="checkbox"/>
ROCK SEDIMENT DIKE:	<input type="checkbox"/>
ROCK CHECK DAM:	<input type="checkbox"/>
SEDIMENT TUBE:	<input type="checkbox"/>
SILT FENCE:	<input type="checkbox"/>
REINFORCED SILT FENCE:	<input type="checkbox"/>
TYPE A - FABRIC INLET PROTECTION:	<input type="checkbox"/>
TYPE A - SEDIMENT TUBE INLET PROTECTION:	<input type="checkbox"/>
TYPE B - WIRE MESH AND STONE DROP INLET PROTECTION:	<input type="checkbox"/>
TYPE C - BLOCK AND GRAVEL INLET PROTECTION:	<input type="checkbox"/>
TYPE D - RIGID INLET FILTERS:	<input type="checkbox"/>
TYPE E - SURFACE COURSE CURB INLET FILTER:	<input type="checkbox"/>
TYPE F - INLET TUBE:	<input type="checkbox"/>
TYPE FB - FILTER BAG:	<input type="checkbox"/>
CONCRETE WASHOUT	<input type="checkbox"/>

RUNOFF CONVEYANCE MEASURES	
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RIPRAP-LINED CHANNELS:	<input type="checkbox"/>
ECB OR TRM-LINED CHANNELS:	<input type="checkbox"/>
PAVED CHANNELS:	<input type="checkbox"/>
PIPE SLOPE DRAINS:	<input type="checkbox"/>
TEMPORARY STREAM CROSSING:	<input type="checkbox"/>
TEMPORARY DIVERSION DITCH OR SWALE:	<input type="checkbox"/>
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DIVERSION DIKE OR BERM:	<input type="checkbox"/>
LEVEL SPREADER:	<input type="checkbox"/>
SUBSURFACE DRAIN:	<input type="checkbox"/>



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TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON, SOUTH CAROLINA
**INTERMEDIATE & FINAL
EROSION CONTROL PLAN**

NOT FOR CONSTRUCTION
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PROJECT #: 170102
DATE: 10/15/18
DESIGNED BY: CPB
CHECKED BY: WGP
SCALE: 1"=30'

**SHEET
C702**

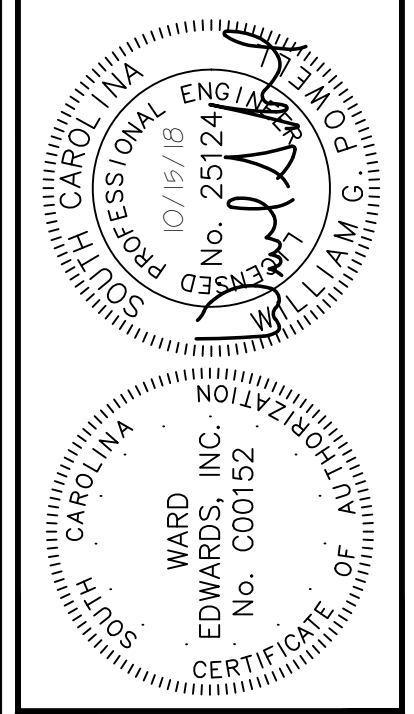
IF THIS SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT. SCALE ACCORDINGLY

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PERMANENT SEEDING – COASTAL

SPECIES	LBS/AC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
SANDY, DROUGHTY SITES													
BROWNTOP MILLET	10 LBS/AC												
BAHIAGRASS	40 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
BAHIAGRASS	30 LBS/AC												
SERICA L LESPEDEZA	40 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
ATLANTIC COASTAL PANICGRASS	15 LBS/AC PLS												
BROWNTOP MILLET	10 LBS/AC												
SWITCHGRASS	8 LBS/AC PLS												
LITTLE BLUESTEM	4 LBS/AC												
SERICA L LESPEDEZA	20 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
WEeping LOVEGRASS	8 LBS/AC												
WELL DRAINED, CLAYEY/LOAMEY SITES													
BROWNTOP MILLET	10 LBS/AC												
BAHIAGRASS	40 LBS/AC												
RYE, GRAIN	10 LBS/AC												
BAHIAGRASS	40 LBS/AC												
CLOVER, CRIMSON (ANNUAL)	5 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
BAHIAGRASS	30 LBS/AC												
SERICA L LESPEDEZA	40 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
BERMUDA, COMMON	10 LBS/AC												
SERICA L LESPEDEZA	40 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
BERMUDA, COMMON	12 LBS/AC												
KOBE LESPEDEZA (ANNUAL)	10 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
BAHIAGRASS	20 LBS/AC												
BERMUDA, COMMON	6 LBS/AC												
SERICA L LESPEDEZA	40 LBS/AC												
BROWNTOP MILLET	10 LBS/AC												
SWITCHGRASS	8 LBS/AC												
LITTLE BLUESTEM	3 LBS/AC												
INDIANGRASS	3 LBS/AC PLS												
	3 LBS/AC PLS												

PS PERMANENT SEEDING - COASTAL
DETAIL 02370-010



NO.	DESCRIPTION	DATE
7		
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TOWN HALL PARKING LOT IMPROVEMENTS
TOWN OF BLUFFTON, SOUTH CAROLINA
TOWN OF BLUFFTON
TOWN OF BLUFFTON, SOUTH CAROLINA
INTERMEDIATE & FINAL EROSION CONTROL DETAILS

NOT FOR CONSTRUCTION
 RELEASED FOR CONSTRUCTION

PROJECT #: 170102
DATE: 10/15/18
DESIGNED BY: CPB
CHECKED BY: WGP
SCALE: AS NOTED

SHEET
C703