

# Stantec

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Town of Summerville

200 S. Main Street

Summerville, SC

(843) 871-6000

## Hutchinson Square Improvements - Phase II

### BID SET - ROAD

January 24, 2018

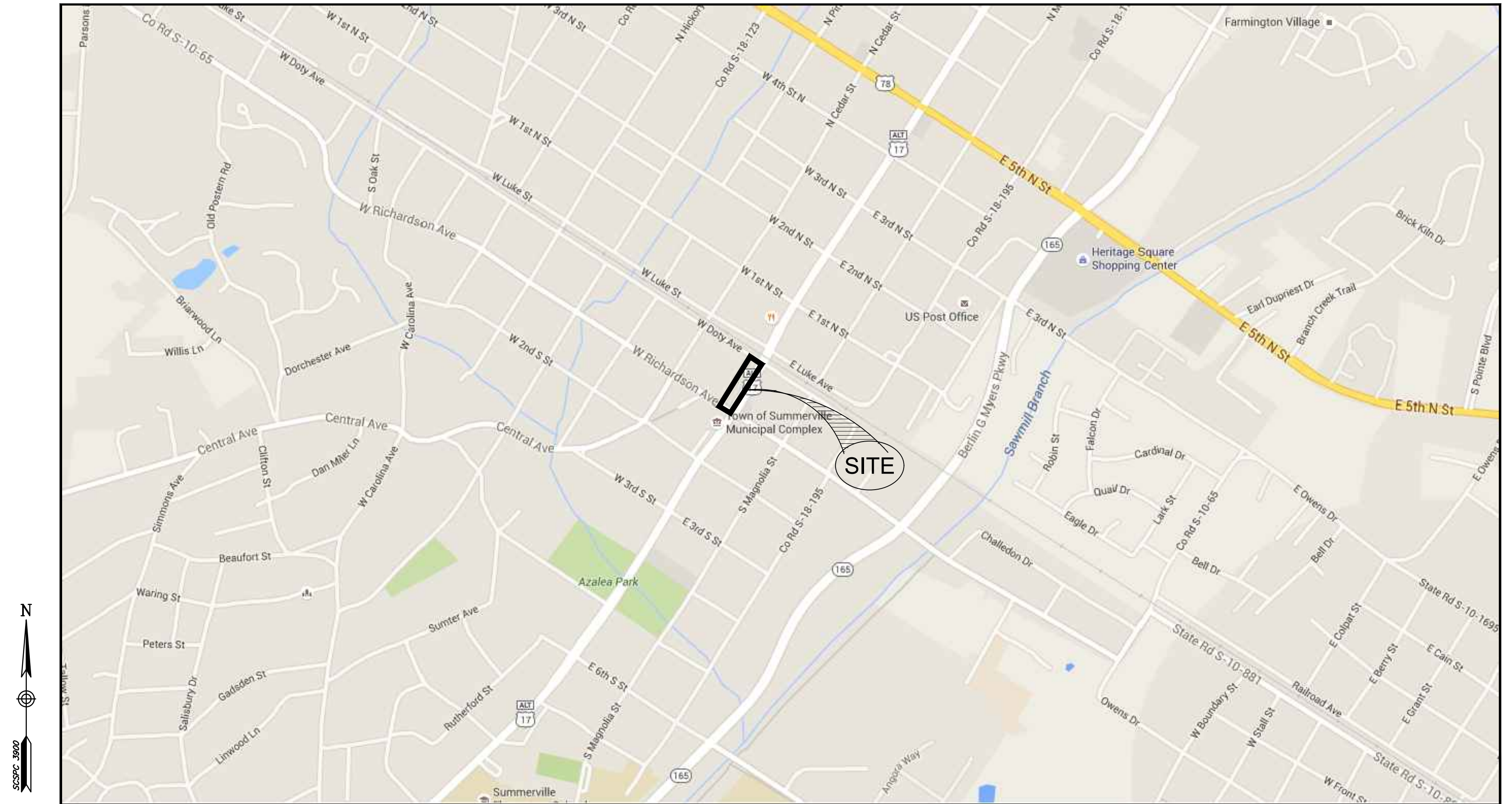
Project Number: 178420699

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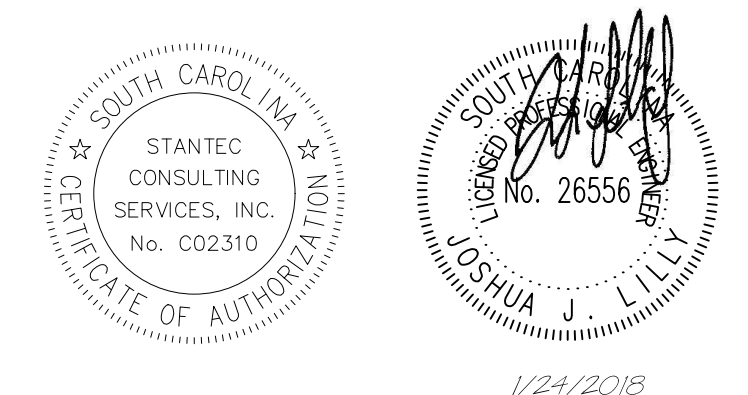


Know what's below.  
Call before you dig.

PROJECT CONTACTS			
SUBJECT	MUNICIPALITY / UTILITY PROVIDER	CONTACT	TELEPHONE
PARKS DEPARTMENT	TOWN OF SUMMERVILLE	DOYLE BEST	(843) 851-5211
PLANNING & ZONING	TOWN OF SUMMERVILLE	JESSI SHULER	(843) 851-4217
ROADS AND DRAINAGE	TOWN OF SUMMERVILLE	RUSSELL CORNETTE	(843) 851-4226
WATER	SUMMERVILLE CPW	R. CHRISTOPHER KAHLER	(843) 875-8761
SEWER	SUMMERVILLE CPW	R. CHRISTOPHER KAHLER	(843) 875-8761
ELECTRICAL POWER	SCE&G	WILLIAM SEILGER	(843) 851-4970
NPDES LAND DIST.	SCDHEC - OCRM	RICHARD GEER	(843) 953-0238



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	COVER
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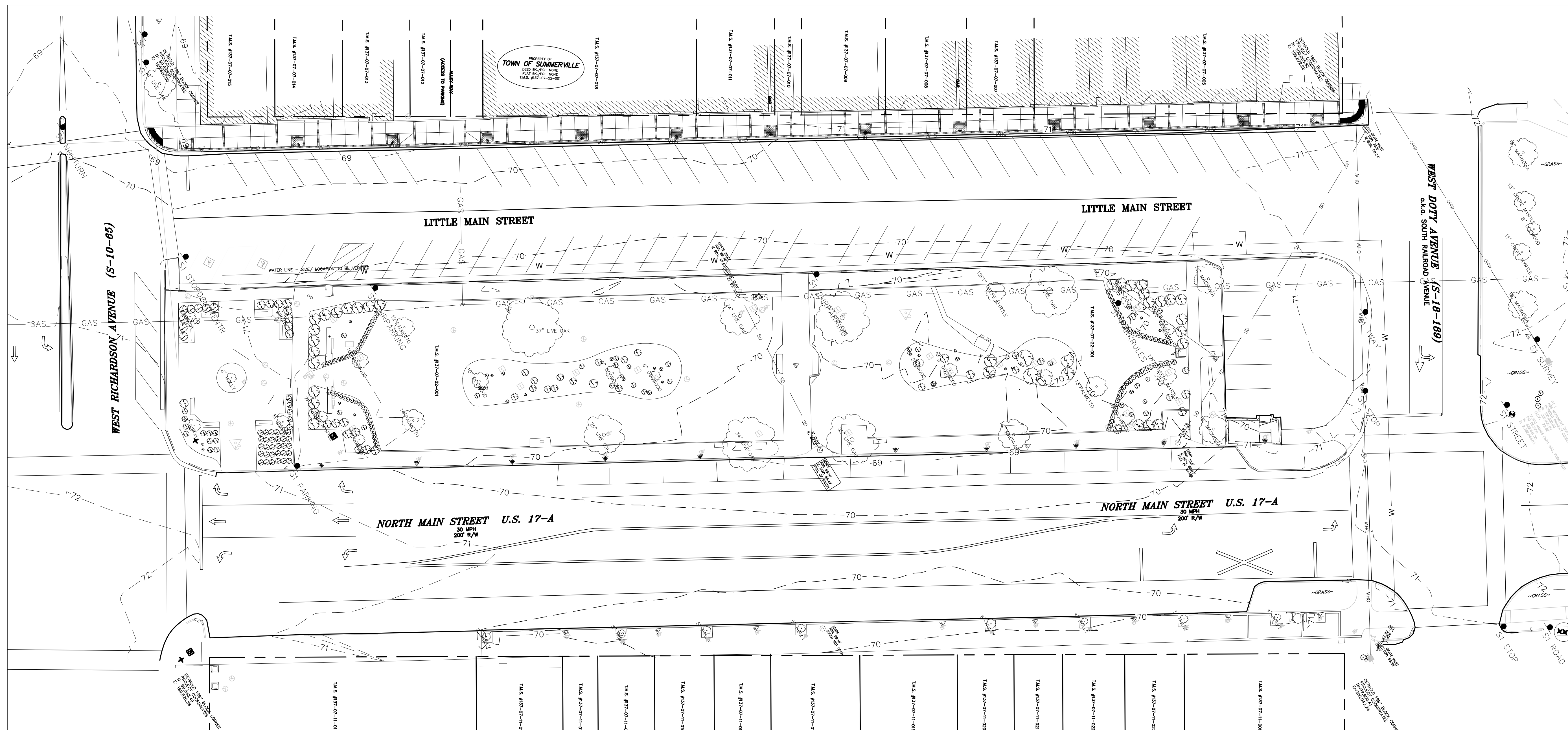


*This drawing is not to be used for construction purposes unless signed and sealed by the Engineer of Record and stamped "Approved For Construction." Use of this drawing for quantity take-offs and pricing is preliminary until all applicable permits have been obtained.*

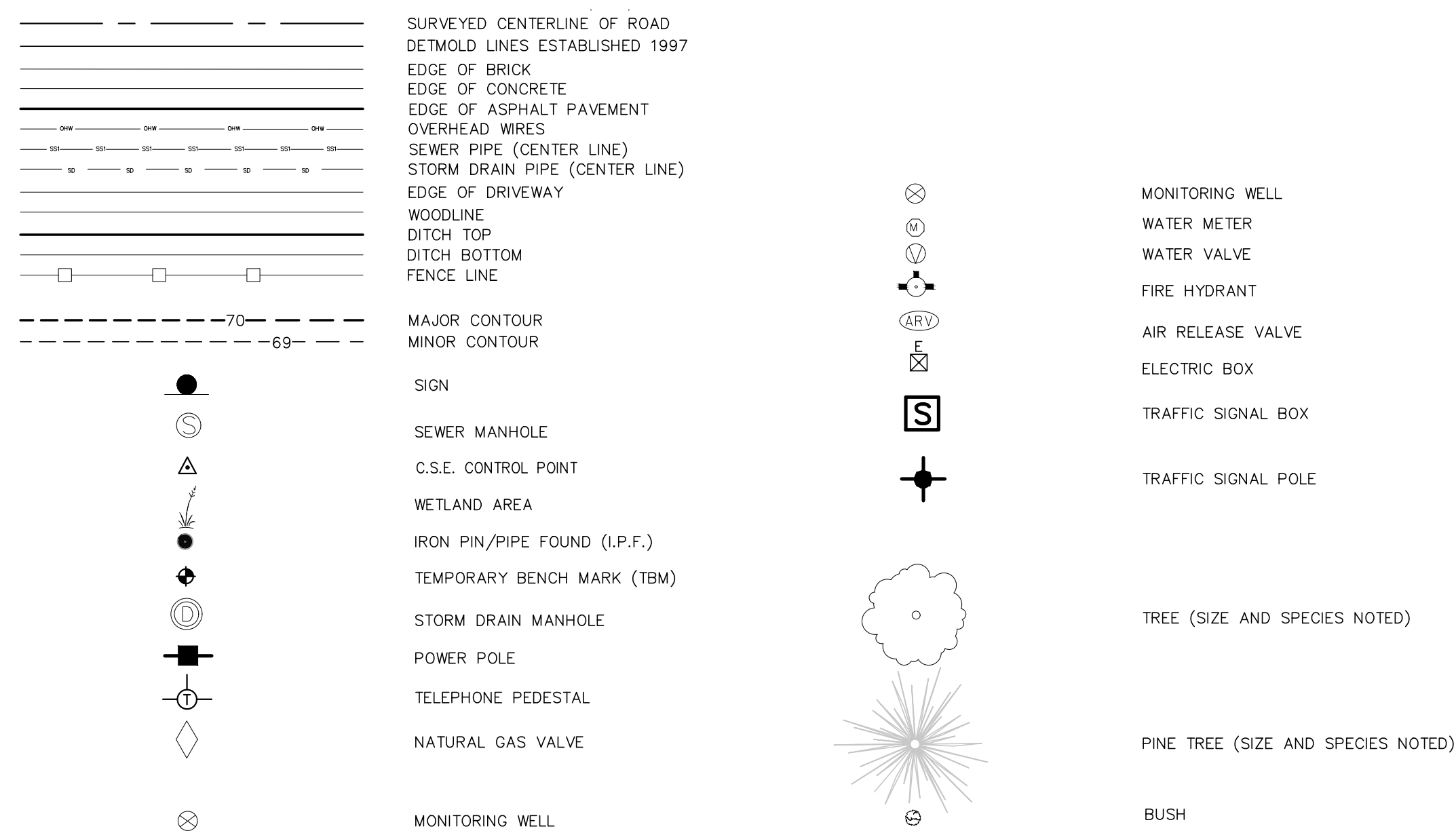
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FOR BID	KV	JUL	01.24.18
BID SET FOR REVIEW	KV	JUL	12.01.17
DESIGN DEVELOPMENT	KV	JUL	08.24.17
Issued	By	Appd.	MM.DD.YY

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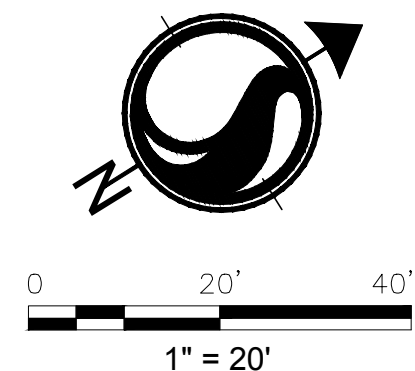


Property #	TMS #	Owners	Deed Book & Page	Plat Book & Page
1	137-07-22-001	Town of Summerville	None Found	None Found
3	137-07-06-002	Town of Summerville	None Found	None Found
4	137-07-07-015	Charles H. Dunning, Jr.	763-335	A-107
5	137-07-07-014	138 South Main St., LLC	8968-89	B-3
6	137-07-07-013	Main Street Partnership	1889-59	B-3
7	137-07-07-012	Main Street Partnership	1889-59	B-3
8	137-07-07-016	Chellis Building, LLC (The)	7778-121	13-115
9	137-07-07-011	Gen Partners Act I A SC	643-286	B-5
10	137-07-07-010	Elaine Y. Niketas, et al.	560-359	D-36
11	137-07-07-009	120 South Main St., LLC	7692-153	I-145
12	137-07-07-008	Southeastern Property Management, Inc	2479-274	G-55
13	137-07-07-007	Betty J. Johnson	8974-144	16-25
14-A	137-07-07-005.000	Summerville Town Square Venture 5 LLC	1721-70	F-31
14-B	137-07-07-005.001	Muckenfuss Properties, LLC	8978-321	F-31
14-C	137-07-07-005.002	Norbert E. Cummings, Jr.	3271-159	F-31
14-D	137-07-07-005.003	Cummings Law Firm	6618-268	F-31
14-E	137-07-07-005.004	Two Five Ninety Nine, LLC	3549-272	F-31
14-F	137-07-07-005.005	Two Five Ninety Nine, LLC	2470-223	F-31
14-G	137-07-07-005.006	Two Five Ninety Nine, LLC	2470-223	F-31
14-H	137-07-07-005.007	Muckenfuss Properties, LLC	8798-321	F-31
14-I	137-07-07-005.008	Rutherford P. C. Smith	2470-227	F-31
14-J	137-07-07-005.009	Cross Ties LLC	4540-285	F-31
14-K	137-07-07-005.010	Robert L. Pratt, LLC	4369-122	F-31
14-L	137-07-07-005.011	Maggie Enterprises, LLC	7573-341	F-31
14-M	137-07-07-005.012	Robert L. Pratt, LLC	4369-122	F-31
14-N	137-07-07-005.013	Robert L. Pratt, LLC	4369-122	F-31
14-O	137-07-07-005.014	Ramp Patch, LLC	8636-98	G-55
15	137-07-11-001	Mark J. Deitch	3288-210	02-151
16	137-07-11-023	Red Tide Construction	9242-350	02-151
17	137-07-11-022	Anna Louise Perry	626-112	02-151
18	137-07-11-021	Robert L. Pratt LLC	5307-36	A-27
19	137-07-11-020	Beryl A. Cox	1230-245	A-27
20	137-07-11-019	Beryl A. Cox	6960-211	A-27
21	137-07-11-018	123 S. Main St., LLC	5173-213	A-27
22	137-07-11-017	Penn Properties, LLC	2963-37	A-27
23	137-07-11-016	Seventeen-A Associates, LLC	7398-54	L-141
24	137-07-11-015	Eva B. Hinson	130-107	A-27
25	137-07-11-014	Helen L. Hiott (Knight)	126-97	A-27
26	137-07-11-013	Flowerstown Players, Inc.	570-158	A-27
27	137-07-11-012	139 Main Street, LLC	6567-270	L-96
28	137-07-10-001	Robert L. Pratt, LLC	3149-51	05-86

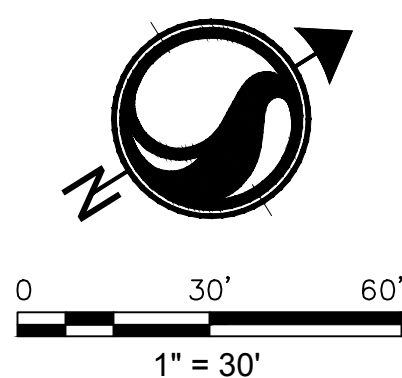
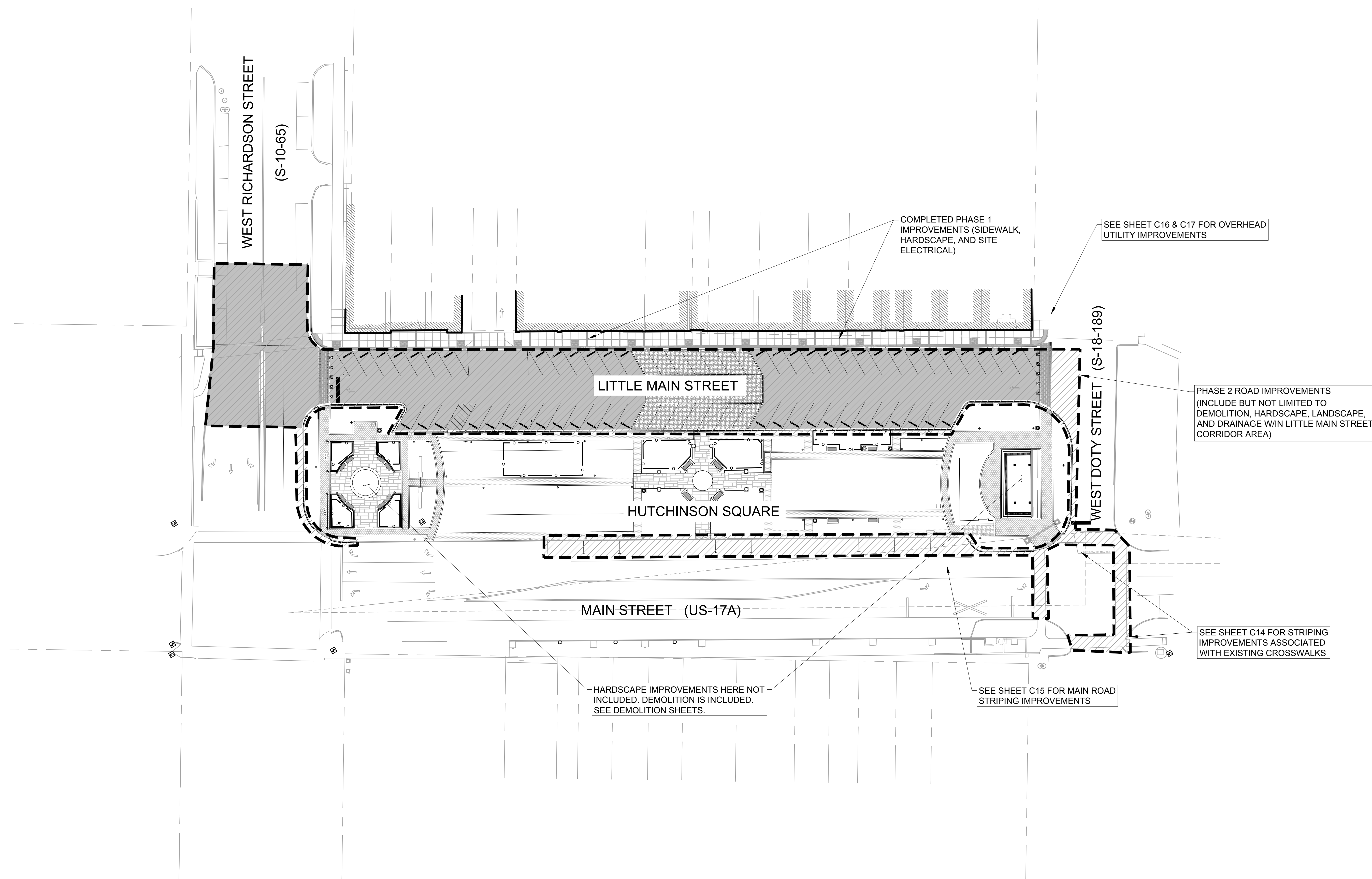
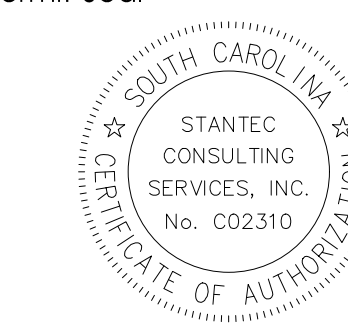


NOTES

- THE PURPOSE OF THIS DRAWING IS TO MAP THE EXISTING CONDITIONS OF HUTCHINSON SQUARE PARK AT THE INTERSECTION OF HWY. 17-A AND WEST DOTY AVENUE. IT DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE ADJACENT PARCELS. THE BOUNDARIES SHOWN FOR THE ADJACENT PARCELS ARE APPROXIMATIONS ONLY. THE ROAD/STREET/RIGHTS-OF-WAYS ARE BASED ON THE 1997 DETMOLD BASE LINE READJUSTMENT SURVEY.
- THE HORIZONTAL AND VERTICAL DATUM FOR THIS PROJECT ARE TIED TO THE 1997 DETMOLD BASE LINE READJUSTMENT SURVEY AND NAVD 88 RESPECTIVELY. THE PROJECT HAS BEEN SCALED TO GROUND AT CSE-1 (NGS MONUMENT "DOTY"). DETMOLD SURVEY COORDINATES: N: 100,000.00, E: 200,000.00 AND AN ELEVATION OF 72.32' NAVD 88 (U.S. SURVEY FOOT, GEOID12A). THE PROJECT HAS ALSO BEEN TIED TO STATE PLANE COORDINATES AT CSE-1 (NGS MONUMENT "DOTY"), NAD 83 (2011 ADJ. PUBLISHED, INTERNATIONAL FOOT): N: 432,841.30, E: 2,252,844.02. TO GET GRID SCALED COORDINATES MULTIPLY BY THE COMBINED SCALE FACTOR AT CSE-1 OF 0.9998990078 FOR THIS PROJECT AREA.
- ALL DISTANCES AND LINE WORK ARE SCALED TO GROUND.
- NO OTHER SUBSURFACE OR ENVIRONMENTAL INVESTIGATIONS and/or SURVEYS WERE MADE FOR THIS PROPERTY; THEREFORE, THIS MAP DOES NOT REFLECT THE EXISTENCE OR NONEXISTENCE OF CONTAMINATION, ENDANGERED SPECIES, OR OTHER CONDITIONS, WHETHER NATURAL OR MANMADE, WHICH MAY AFFECT THIS PROPERTY AS POTENTIALLY REVEALED THROUGH ADDITIONAL TYPES OF SURVEYS OR INVESTIGATIONS.
- ALL T.M.S. NUMBERS NOTED HEREON ARE FROM THE DORCHESTER COUNTY GEOGRAPHIC INFORMATION SYSTEM (G.I.S) UNLESS NOTED OTHERWISE.
- CONTOUR INTERVAL IS ONE (1) FOOT, NAVD 88.



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2018/07/23 3:38 PM By: Jordan, Beth



	LIMITS OF DISTURBANCE
	SAWCUT
	HARDSCAPE REMOVAL
	MILL AND OVERLAY

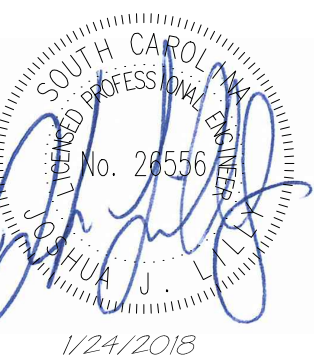
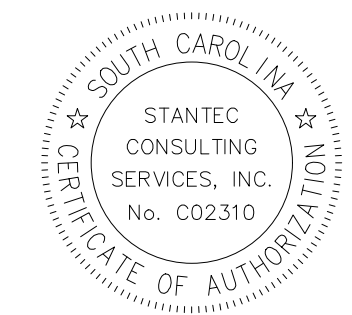
- ACCESS TO ALL SHOPS AND ENTRANCES TO THE EXISTING BUILDINGS ARE TO REMAIN THROUGH OUT CONSTRUCTION.
- CONTRACTOR TO INSTALL SIDEWALK CLOSED AND SIDEWALK DETOUR SIGNS TO DIRECT PEDESTRIANS AROUND THE CONSTRUCTION ZONE. SEE PHASING NOTES ON SHEET C2.

Revision	By	Appd.	YY.MM.DD

BD DOCUMENTS	KV	JLL	18.01.24
Issued	By	Appd.	YY.MM.DD

File Name:	Dwn.	Chkd.	Dgnr.	YY.MM.DD
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Permit-Seal



Client/Project

Town of Summerville

HUTCHINSON SQUARE IMPROVEMENTS - PHASE II  
BID SET - ROAD

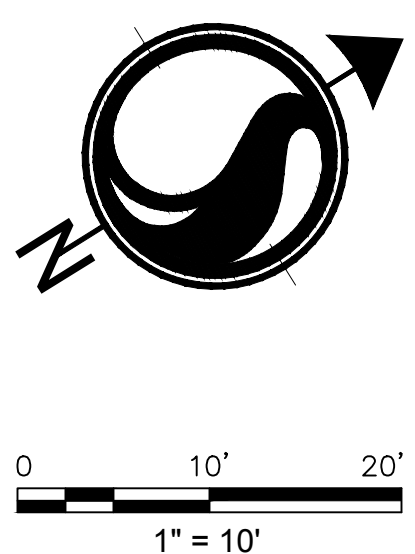
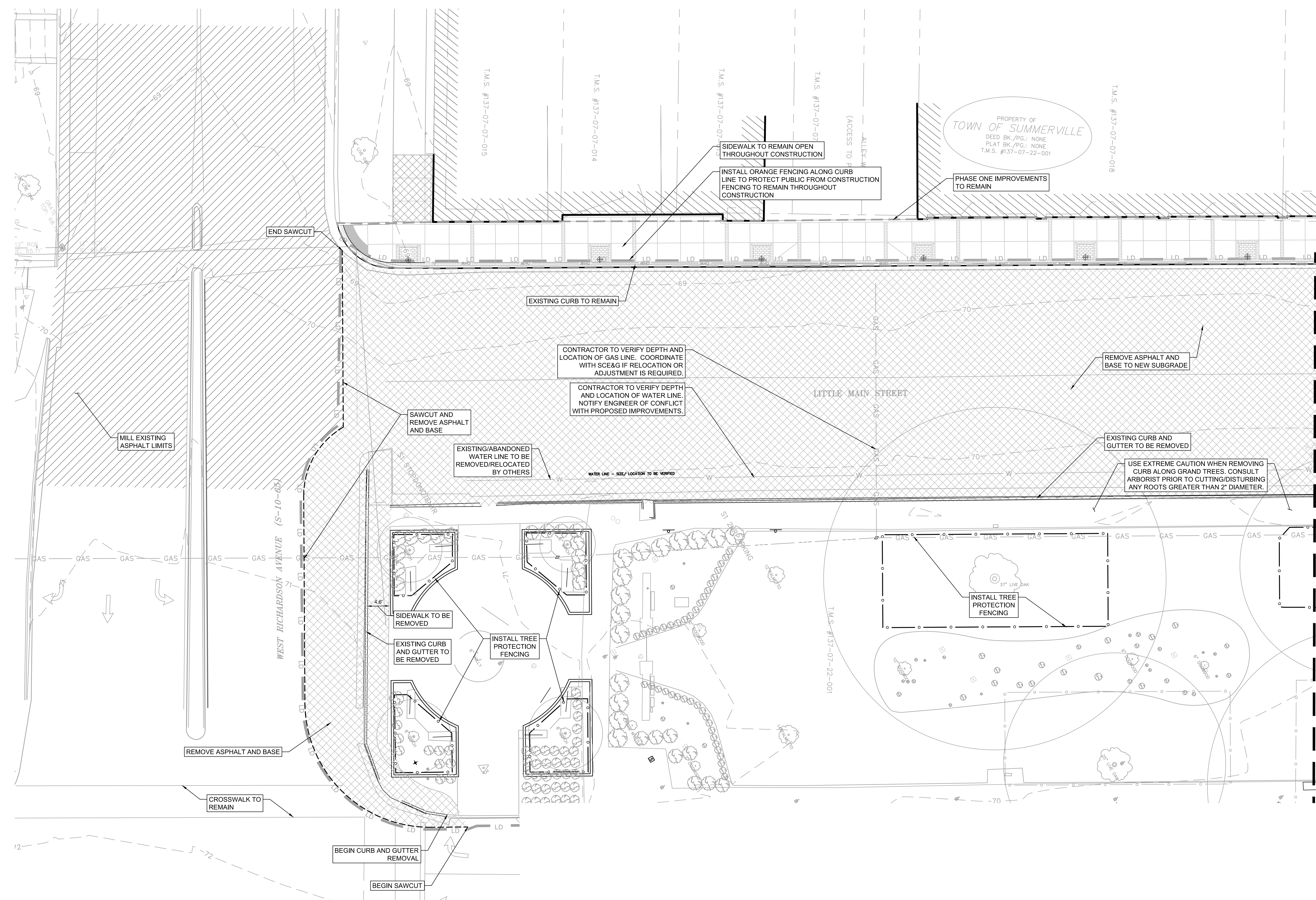
Summerville, SC

Title

DEMOLITION - TREE PROTECTION

Project No.	Scale
178420699	1" = 10'

Drawing No.	Sheet	Revision
C4	5 of 17	0



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 2018/01/23 3:39 PM By: hghill, bjh

Consultants

Legend

- LD LIMITS OF DISTURBANCE
- SAWCUT
- HARDSCAPE REMOVAL

Notes

1. ACCESS TO ALL SHOPS AND ENTRANCES TO THE EXISTING BUILDINGS ARE TO REMAIN THROUGH OUT CONSTRUCTION.
2. CONTRACTOR TO INSTALL SIDEWALK CLOSED AND SIDEWALK DETOUR SIGNS TO DIRECT PEDESTRIANS AROUND THE CONSTRUCTION ZONE. SEE PHASING NOTES ON SHEET C2.
3. COORDINATE W/ SCE&G AND OTHER COMMUNICATION COMPANIES PRIOR TO REMOVING OVERHEAD POWER LINES.

Revision

Revision	By	Appd.	YY.MM.DD
BD DOCUMENTS	KV	JLL	18.01.24
Issued	By	Appd.	YY.MM.DD

File Name: \_\_\_\_\_ Dwn. Chkd. Dgn. YY.MM.DD

Permit-Seal



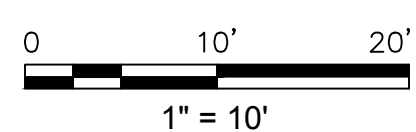
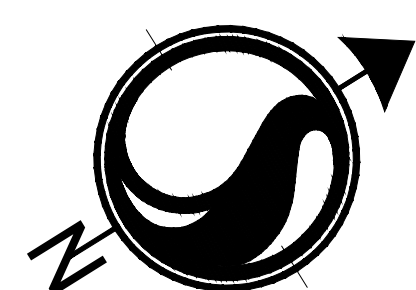
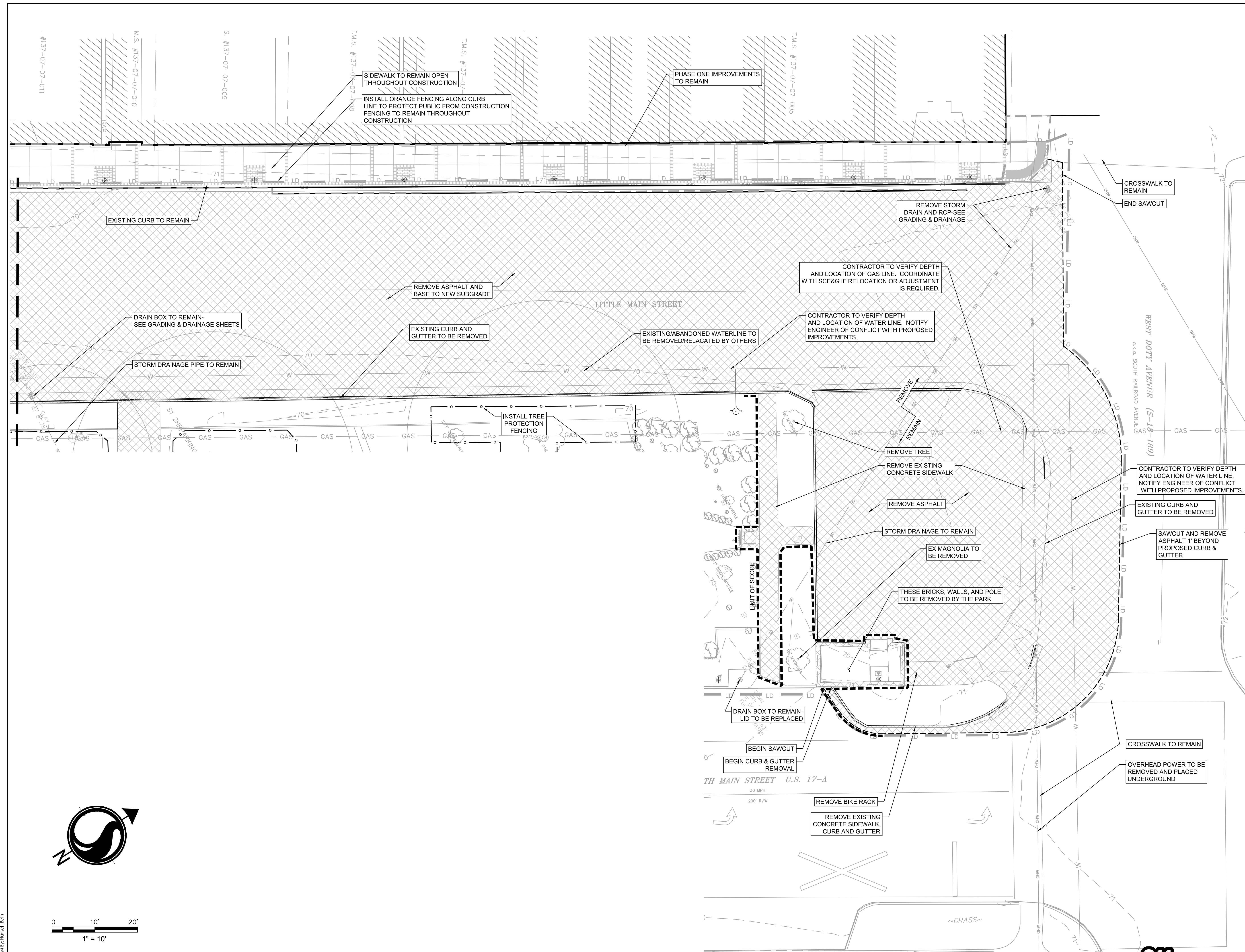
Client/Project

Town of Summerville  
HUTCHINSON SQUARE IMPROVEMENTS - PHASE II  
BID SET - ROAD  
Summerville, SC

Title

DEMOLITION - TREE PROTECTION

Project No.	Scale	Revision
178420699	1" = 10'	
Drawing No.	Sheet	Revision
C5	6 of 17	0



Legend

- LIMITS OF DISTURBANCE
- EXISTING CONTOURS
- PROPOSED CONTOUR
- SILT FENCE
- DRAINAGE FLOW ARROW
- TEMPORARY SEEDING
- DUST CONTROL
- INLET FILTER BAG

Notes

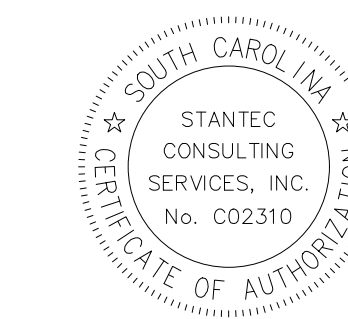
1. SEE SHEET C7 FOR NOTES AND DETAILS.

Revision \_\_\_\_\_ By \_\_\_\_\_ Appd. YY.MM.DD

BD DOCUMENTS \_\_\_\_\_ KV \_\_\_\_\_ JLL 18.01.24  
 Issued \_\_\_\_\_ By \_\_\_\_\_ Appd. YY.MM.DD

File Name: \_\_\_\_\_ Dwn. Chkd. Dgn. YY.MM.DD

Permit-Seal



*[Signature]*  
 1/24/2018

Client/Project

Town of Summerville  
 HUTCHINSON SQUARE IMPROVEMENTS - PHASE II  
 BID SET - ROAD  
 Summerville, SC

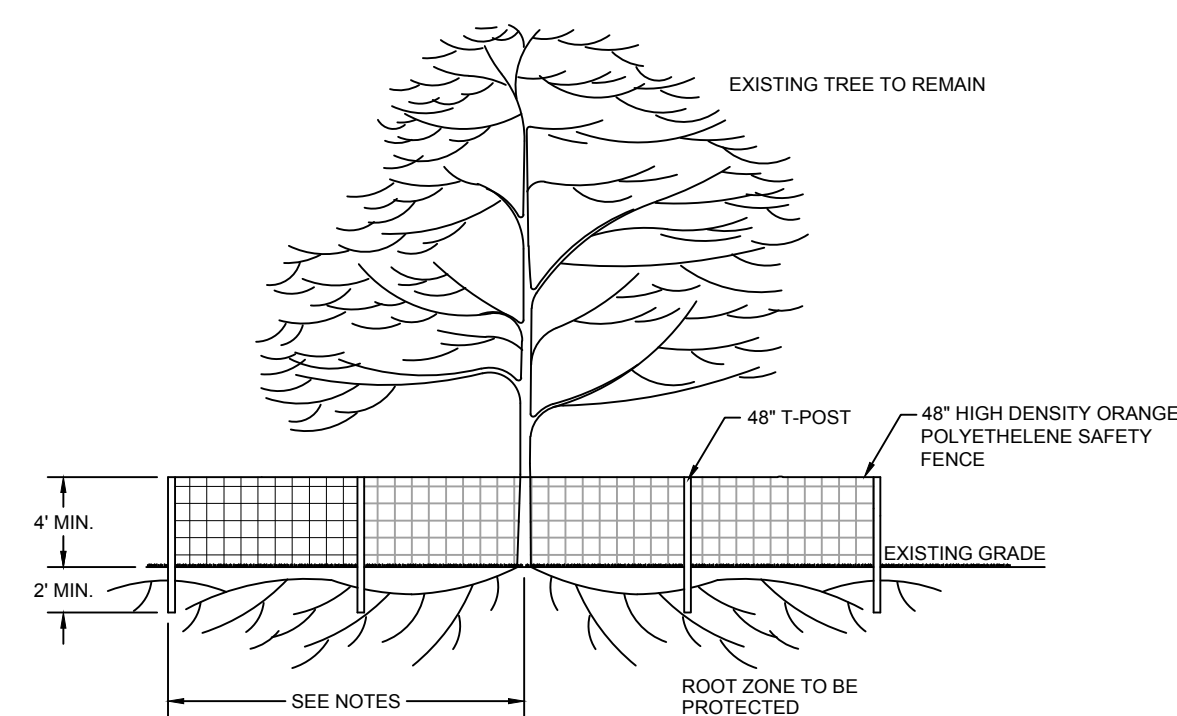
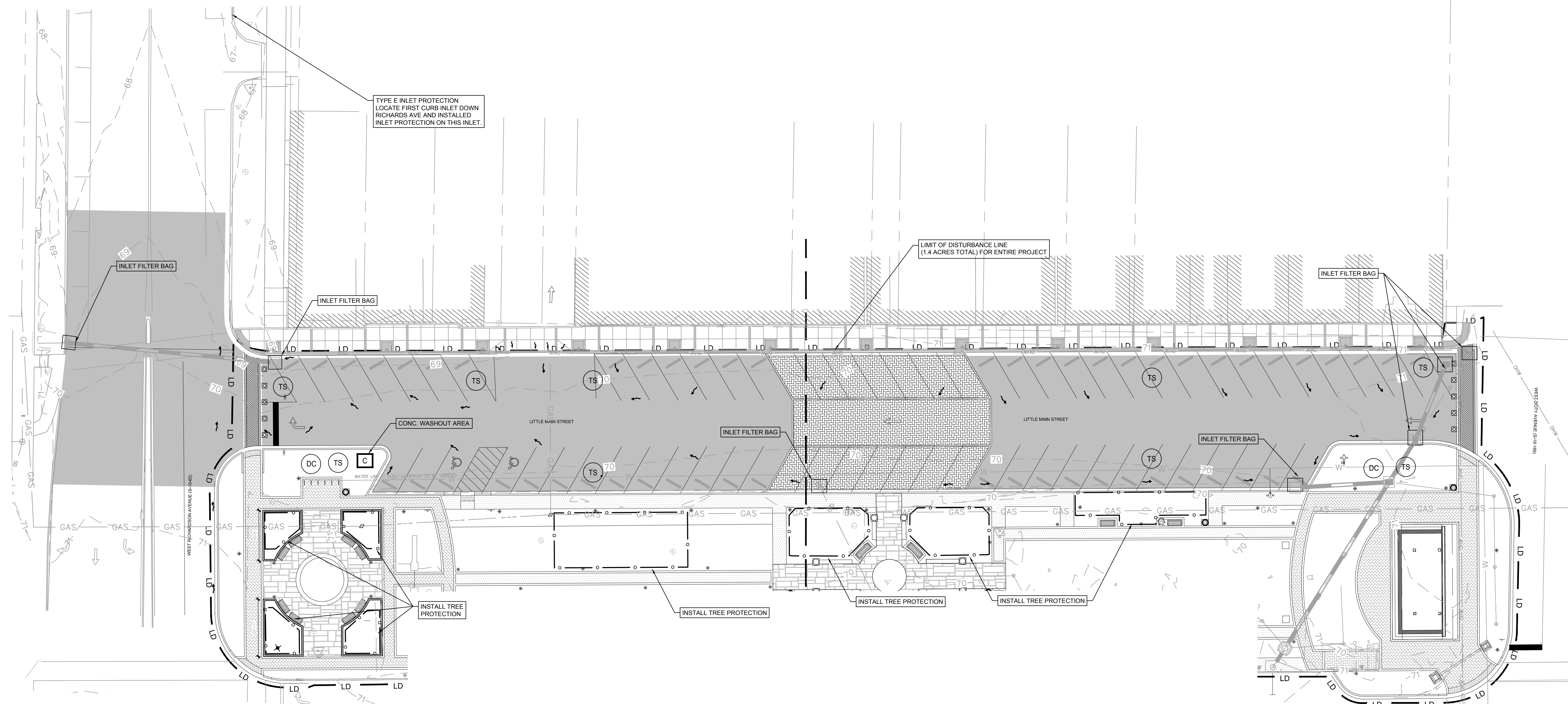
Title

EROSION AND SEDIMENT CONTROL PLAN

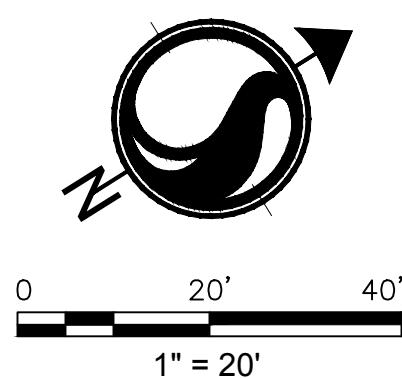
Project No. 178420699 Scale 1" = 20'

Drawing No. \_\_\_\_\_ Sheet \_\_\_\_\_ Revision \_\_\_\_\_

C6 \_\_\_\_\_ 7 of 17 0



- NOTES:
1. ALL TREE PROTECTION BARRICADES MUST HAVE TWO HORIZONTAL CROSS RAILS.
  2. BARRICADES SHALL BE ERECTED AT A MINIMUM DISTANCE FROM THE BASE OF PROTECTED TREES AND GRAND TREES ACCORDING TO THE FOLLOWING STANDARDS.  
 A. FOR GRAND TREES THE BARRICADE SHALL BE PLACED AT THE DRIPLINE OF THE TREE.  
 B. FOR PROTECTED TREES TEN INCHES (10") OR LESS D.B.H. (DIAMETER BREAST HEIGHT), PROTECTIVE BARRICADES SHALL BE PLACED A MINIMUM DISTANCE OF TEN FEET (10') FROM THE BASE OF EACH PROTECTED TREE, OR TO THE EDGE OF THE DRIP LINE, WHICHEVER IS GREATER.  
 C. FOR PROTECTED TREES GREATER THAN TEN INCHES (10") D.B.H., PROTECTIVE BARRICADES SHALL PROVIDE A DIAMETER OF PROTECTION AROUND THE TREE EQUAL TO THE DIAMETER BREAST HEIGHT OF THE TREE (i.e., A 24" DIAMETER TREE WOULD REQUIRE A 24 FOOT DIAMETER PROTECTIVE BARRICADE), OR TO THE EDGE OF THE DRIP LINE, WHICHEVER IS GREATER.  
 D. CONTRACTOR TO INSTALL SILT FENCING ON THE SIDE OF THE TREE ADJACENT TO THE ROADWAY.
  3. ALL GRADING AROUND PROTECTED TREES IS TO BE DONE BY HAND. CONTRACTOR SHALL NOT OPERATE HEAVY EQUIPMENT WITHIN THE TREE PROTECTION BARRIERS.
  4. CONTRACTOR SHALL NOTIFY CITY OF NORTH CHARLESTON UPON INSTALLATION OF TREE PROTECTION FOR INSPECTION AND APPROVAL PRIOR TO LAND DISTURBANCE.

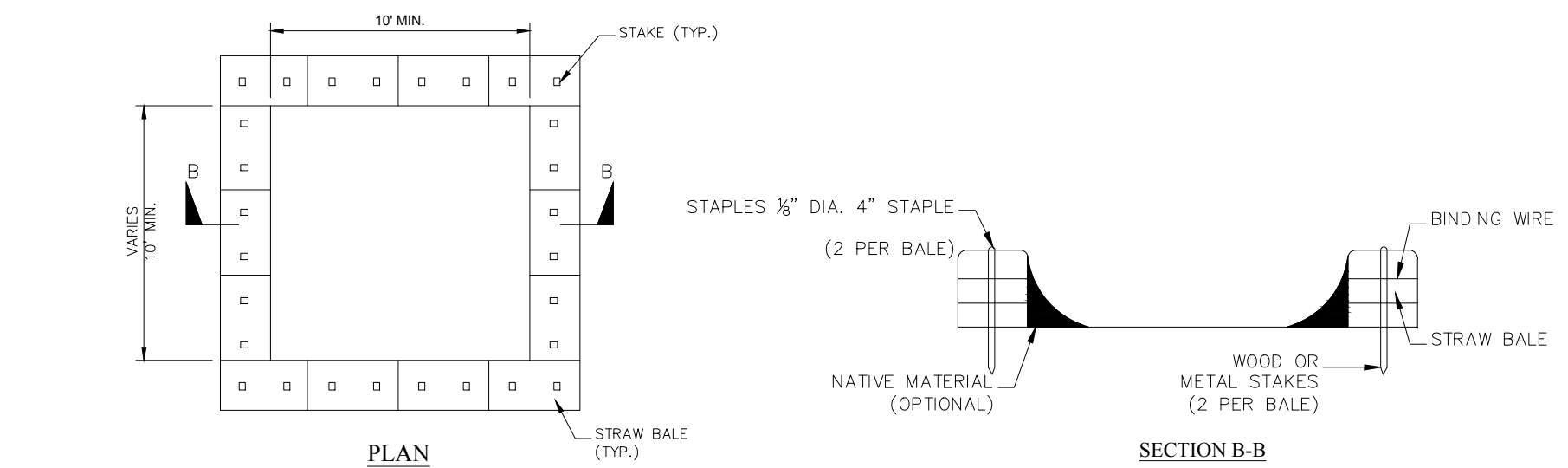


TREE PROTECTION DETAIL  
 N.T.S.





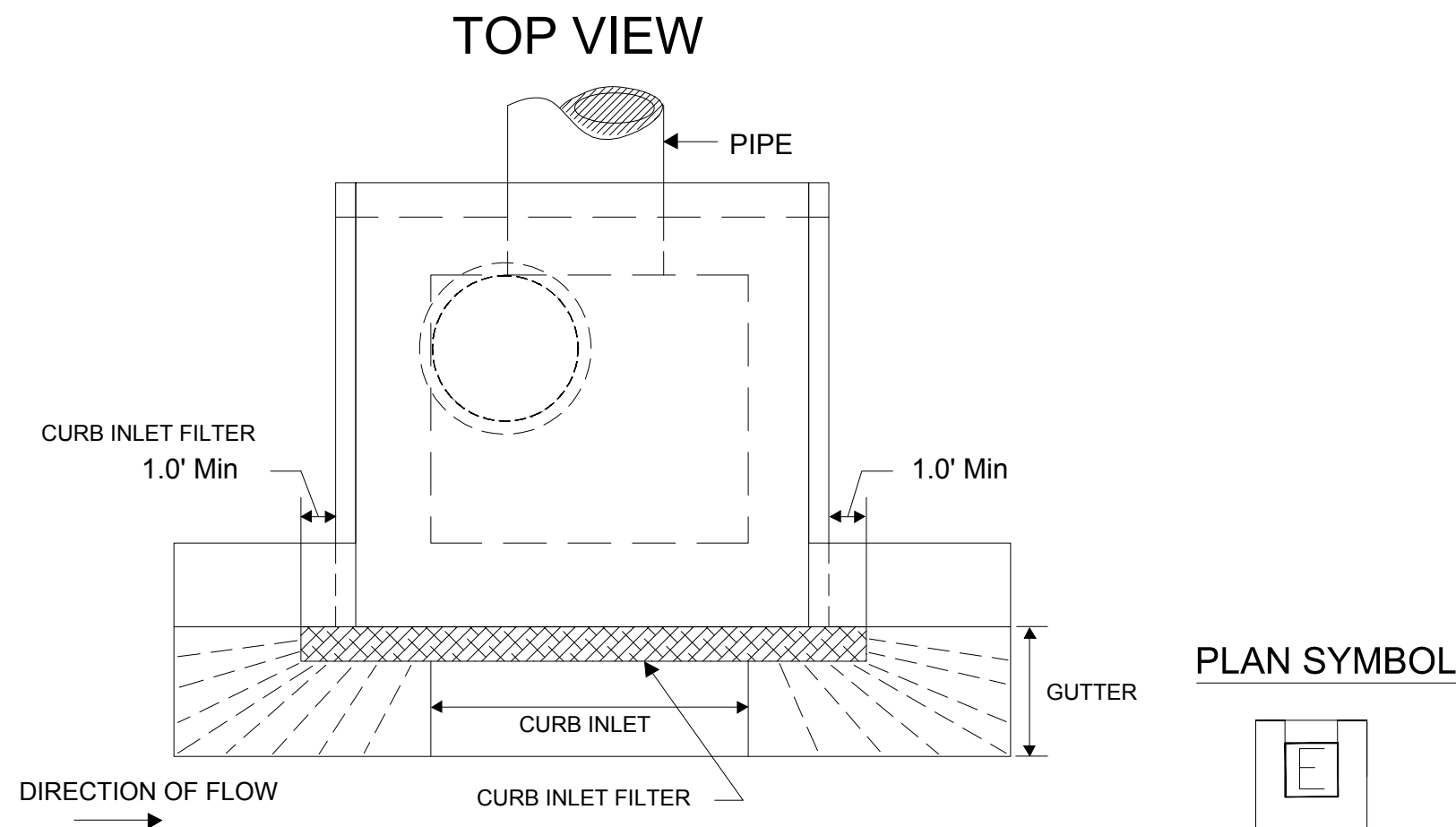
STRAW BALE BARRIER CONCRETE WASHOUT



- 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
- LOCATION TO BE DETERMINED IN THE FIELD BY OWNER/ENGINEER

South Carolina Department of Health and Environmental Control  
Type E  
SURFACE COURSE CURB INLET FILTERS  
STANDARD DRAWING NO. SC-10 PAGE 1 of 2  
FEBRUARY 2014 DATE  
NOT TO SCALE

South Carolina Department of Health and Environmental Control  
Type E  
SURFACE COURSE CURB INLET FILTERS  
STANDARD DRAWING NO. SC-10 PAGE 2 of 2  
FEBRUARY 2014 DATE  
GENERAL NOTES



South Carolina Department of Health and Environmental Control  
Type E  
SURFACE COURSE CURB INLET FILTERS  
STANDARD DRAWING NO. SC-10 PAGE 1 of 2  
FEBRUARY 2014 DATE  
NOT TO SCALE

SURFACE COURSE CURB INLET PROTECTION

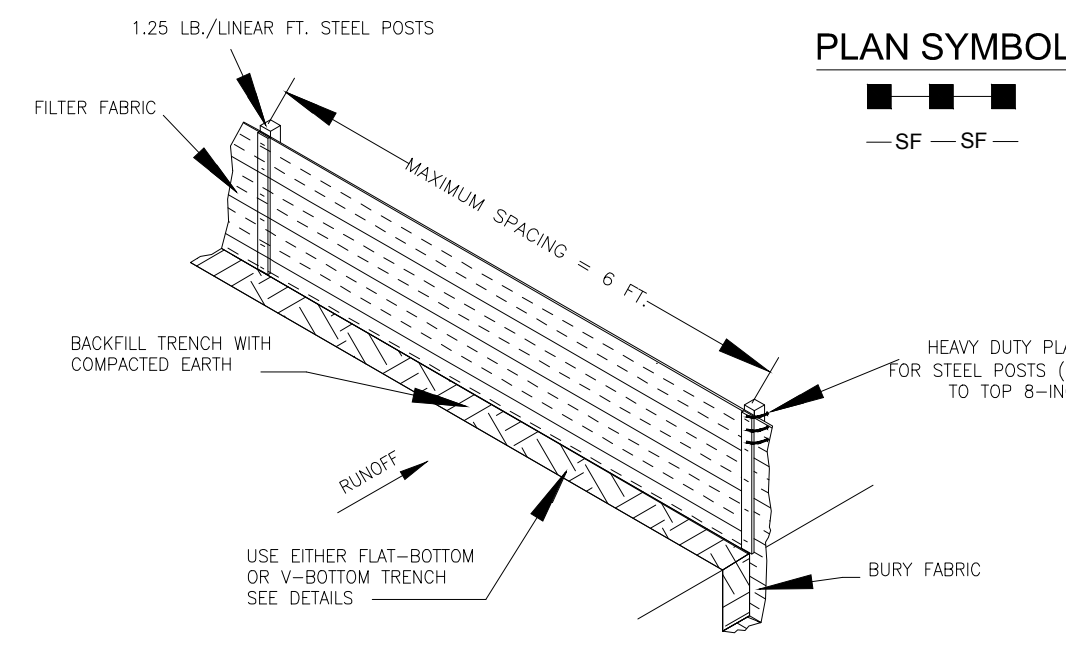
- GENERAL NOTES
1. Only use surface curb inlet filters that have a minimum height or diameter of 9-inches and have a minimum length that is 2-feet longer than the length of the curb opening.
  2. Surface course inlet filters that are designed to completely block the inlet opening are prohibited. Acceptable inlet filters should allow for overflows to enter the catch basin.
  3. Surface course inlet filters should be constructed with a synthetic material that will allow stormwater to freely flow through while trapping sediment and debris.
  4. Straw, straw fiber, straw bales, pine needles and leaf mulch are not permissible filter materials.
  5. Each filter should have aggregate compartments for stone, sand, and other weighted materials or mechanisms to hold unit in place. Fill aggregate compartments to a level (at 1/2 full) to hold the filter in place and create a seal between the filter and the road surface.
  6. Use only Type E inlet filters appearing on SC DOT's Qualified Products Listing (QPL), Approval Sheet #58, or filters meeting the most current edition of the SC DOT Standard Specifications for Highway Construction.

INSPECTION AND MAINTENANCE

1. The key to functional inlet protection is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of all 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 inlet protection is extremely important. Accumulated sediment should be continually monitored and removed when necessary.
4. Remove accumulated sediment when silt and/or debris has built up around the filter preventing stormwater to flow through the filter.
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. 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.

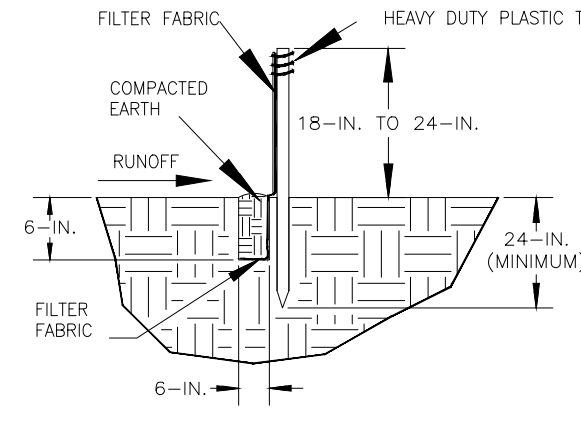
South Carolina Department of Health and Environmental Control  
Type E  
SURFACE COURSE CURB INLET FILTERS  
STANDARD DRAWING NO. SC-10 PAGE 2 of 2  
FEBRUARY 2014 DATE  
GENERAL NOTES

SILT FENCE INSTALLATION

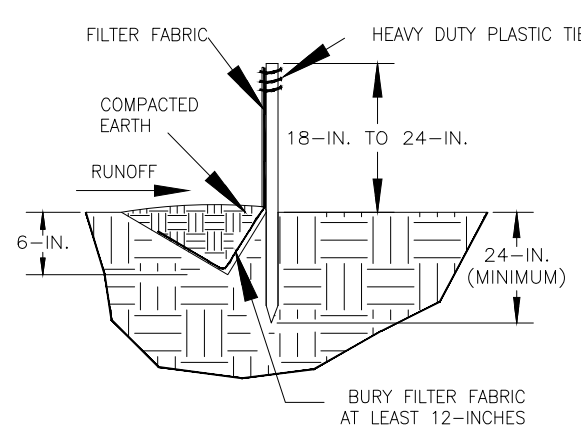


- SILT FENCE - GENERAL NOTES
1. Do not locate silt fence across ditches or in other areas subject to concentrated flows. Silt fence should not be used as a velocity control BMP. Concentrated flows are any flows greater than 0.5 cfs.
  2. Maximum sheet or overland flow path length to the silt fence shall 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 removal.
  7. Install Silt Fence Checks (Tea-Boxes) 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.

FLAT-BOTTOM TRENCH DETAIL



V-SHAPED TRENCH DETAIL



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.

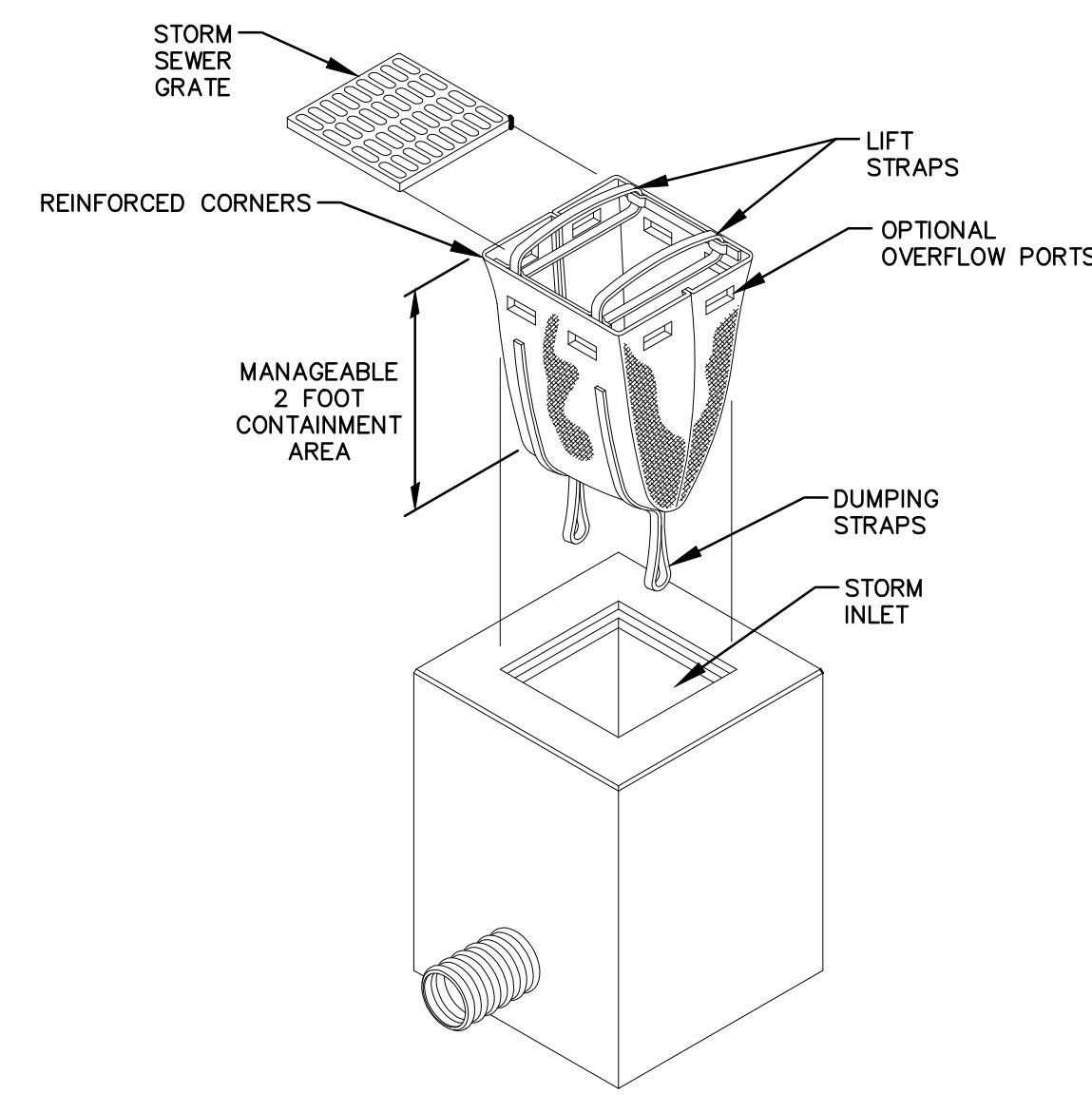
SILT FENCE - FABRIC REQUIREMENTS

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 affect 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 #58, 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 overlapping the silt fence. Install checks/tea-boxes and/or rainfall 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 re-install 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.

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

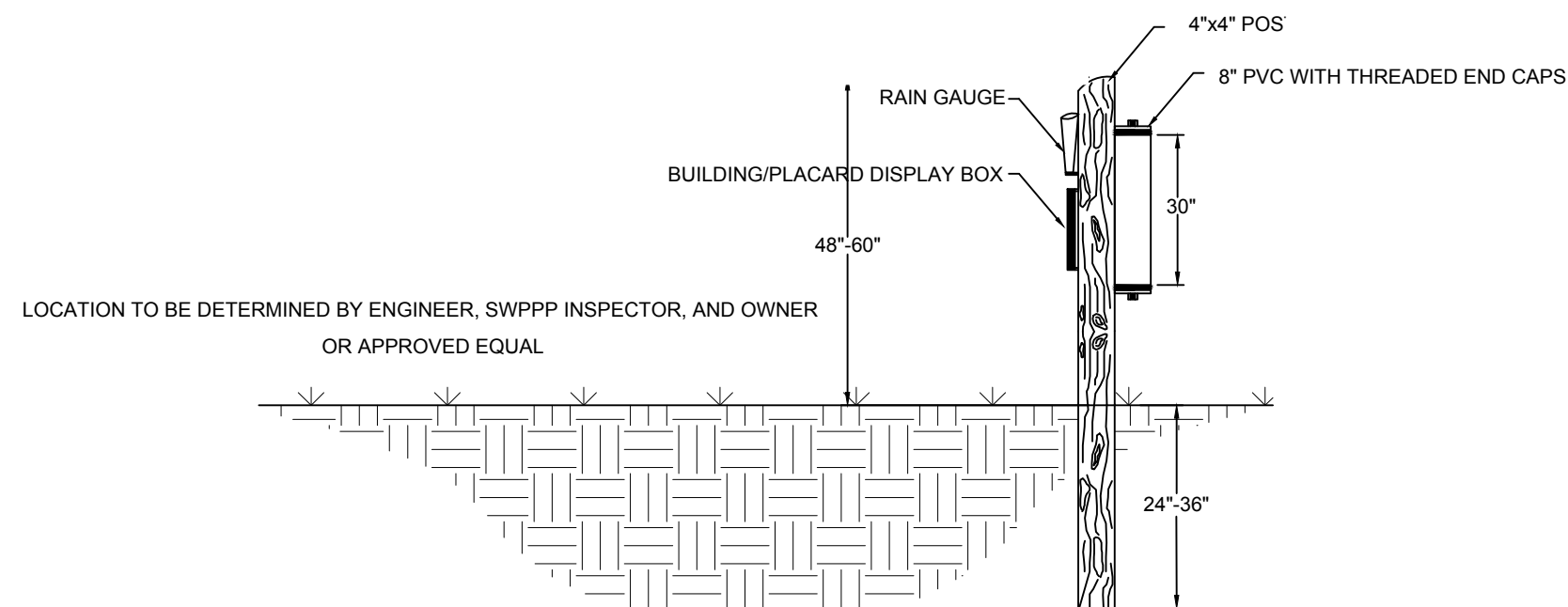


SWPPP NOTES:

1. STORM WATER POLLUTION PREVENTION PLAN MUST BE KEPT ON SITE OR WITHIN THIRTY MINUTES OF THE SITE AT ALL TIMES, AND IN A DESIGNATED AREA THAT IS ACCESSIBLE TO THE INSPECTORS.
2. THE PROPERTY OWNER SHALL MAINTAIN ALL STORM WATER DETENTION FACILITIES SHOWN HEREON.
3. SWPPP SHOULD INCLUDE A CONCRETE WASHOUT/STAGING AREA FOR SITE AND BUILDING CONSTRUCTION AND ALL OTHER PURPOSES OF THE DEVELOPMENT TO INCLUDE BUT NOT LIMITED TO PAINTERS.
4. A CERTIFIED STORM WATER AS-BUILT MUST BE SUBMITTED TO DHEC PRIOR TO RECEIVING A NOTICE OF TERMINATION.
5. SITE MUST BE BUILT ACCORDING TO APPROVED DHEC PLANS UNLESS SWPPP DOCUMENTS ARE UPDATED BY THE ORIGINAL SWPPP PREPARER, OTHERWISE, PERMITS WILL BE INVALIDATED.
6. NO OBSTRUCTIONS, INCLUDING BUT NOT LIMITED TO FENCES, DIRT MOUNDS, AND/OR THE LANDSCAPING OF BUSHES, SHRUBS AND TREES, MAY BE PERMITTED AND/OR BUILT WITHIN ANY SWALE AND/OR DRAINAGE EASEMENT.
7. WETLAND BUFFERS WILL BE MAINTAINED IN THEIR UNDISTURBED STATE.

TOWN OF SUMMERVILLE SWPPP STANDARD NOTES

1. SWPPP INSPECTION RECORDS, AND RAINFALL DATA MUST BE KEPT ON SITE OR WITHIN THIRTY (30) MINUTES OF THE SITE AT ALL TIMES FROM THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE THAT FINAL STABILIZATION IS ACHIEVED. THESE ITEMS ARE TO BE IN A DESIGNATED AREA THAT IS ACCESSIBLE TO THE INSPECTORS.
2. A CERTIFIED STORMWATER AS-BUILT MUST BE SUBMITTED TO THE TOWN OF SUMMERVILLE PRIOR TO LETTER OF OCCUPANCY, CLOSOUT PACKAGE, AND TO SCDEH PRIOR TO RECEIVING A NOTICE OF TERMINATION.
3. THE PROJECT/SITE MUST BE BUILT ACCORDING TO APPROVED TOWN AND SCDEH PLANS UNLESS SWPPP DOCUMENTS ARE UPDATED BY THE ORIGINAL SWPPP PREPARER, OTHERWISE PERMITS AND APPROVALS WILL BE INVALIDATED.



SWPPP MOUNTING POST  
N.T.S.

SPECIES	RATE (LBS./AC)	OPTIMUM DATES TO PLANT	REMARKS
BROWNIOP WHEAT (ALPINE)	40	APRIL 20 - AUGUST 15	QUICK, DENSE COVER
BROWNIOP WHEAT (BMP)	10	APRIL 20 - AUGUST 15	QUICK, DENSE COVER
PTE. GRASS (ALPINE)	50	FEBRUARY - MARCH, AUGUST 15 - NOVEMBER 30	QUICK COVER
PTE. GRASS (BMP)	10	FEBRUARY - MARCH, AUGUST 15 - NOVEMBER 30	QUICK COVER
PTE. GRASS (ALPINE)	50	AUGUST 10 - OCTOBER 10	COMPETITIVE, DENSE
PTE. GRASS (BMP)	8	AUGUST 10 - OCTOBER 10	COMPETITIVE, DENSE

\* FOR DETAILS ON MIXES CONSULT THE CLEMSON UNIVERSITY HOME AND GARDEN INFORMATION CENTER AT (888) 656-9988 OR AT HTTP://HG.CLEMSON.EDU

THE SEEDING SCHEDULE IS FOR ONLY TEMPORARY STABILIZATION IF REQUIRED. FOR PERMANENT STABILIZATION, SEE LANDSCAPE PLANS. UNUSUAL SITE CONDITIONS MAY REQUIRE HEAVIER SEEDING RATES. SEEDING DATES MAY NEED TO BE ALTERED TO FIT TEMPERATURE VARIATIONS AND LOCAL CONDITIONS.

TEMPORARY SEEDING SCHEDULE

NOTE: WOVEN MONOFILAMENT FABRIC THAT MEETS OR EXCEEDS THE FOLLOWING SPECIFICATIONS

MECHANICAL PROPERTIES	TEST METHOD	UNITS	MARV
Grab Tensile Strength	ASTM D 4832	KN (lbs)	1.78 (400) x 1.40 (315)
Grab Tensile Elongation	ASTM D 4832	%	15 x 15
Puncture Strength	ASTM D 4833	KN (lbs)	0.67 (150)
Median Burst Strength	ASTM D 5776	KPa (PSI)	3500 (600)
Trapezoidal Tear Strength	ASTM D 4833	KN (lbs)	0.67 (150) x 0.73 (165)
UV Resistance	ASTM D 4355	%	4355
Apparent Opening Size	ASTM D 4757	Mm (US Std Sieve)	0.425 (40)
Flow Rate	ASTM D 4491	1/mi/m <sup>2</sup> (gd/mi <sup>2</sup> /h)	2850 (70)
Permeability	ASTM D 4491	Sec	0.26

INLET FILTER BAG  
N.T.S.



Consultants

Legend

- BRICK PAVERS
- ASPHALT PAVEMENT

Notes

1. ALL ANGLES ARE 90° DEGREES UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION. ANY DAMAGE TO THE UTILITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. THE CONTRACTOR SHALL REVIEW THE EXISTING SITE CONDITIONS PRIOR TO BIDDING AND IF ANY DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL CONTACT THE ENGINEER.
4. THE LIMIT OF WORK IS CONFINED TO AREAS WITHIN THE CLEARING LIMITS UNLESS OTHERWISE INDICATED.
5. THE CONTRACTOR SHALL USE THIS DRAWING FOR STAKE OUT OF ALL SITE ELEMENTS IN THE FIELD AND SHALL OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO CONSTRUCTION.

Revision	By	Appd.	YY.MM.DD

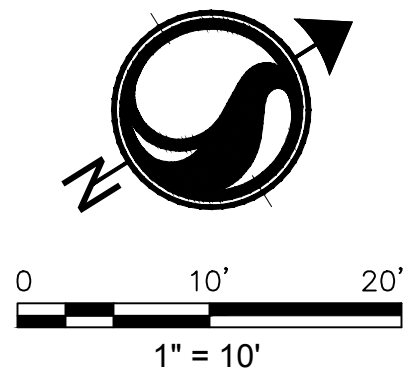
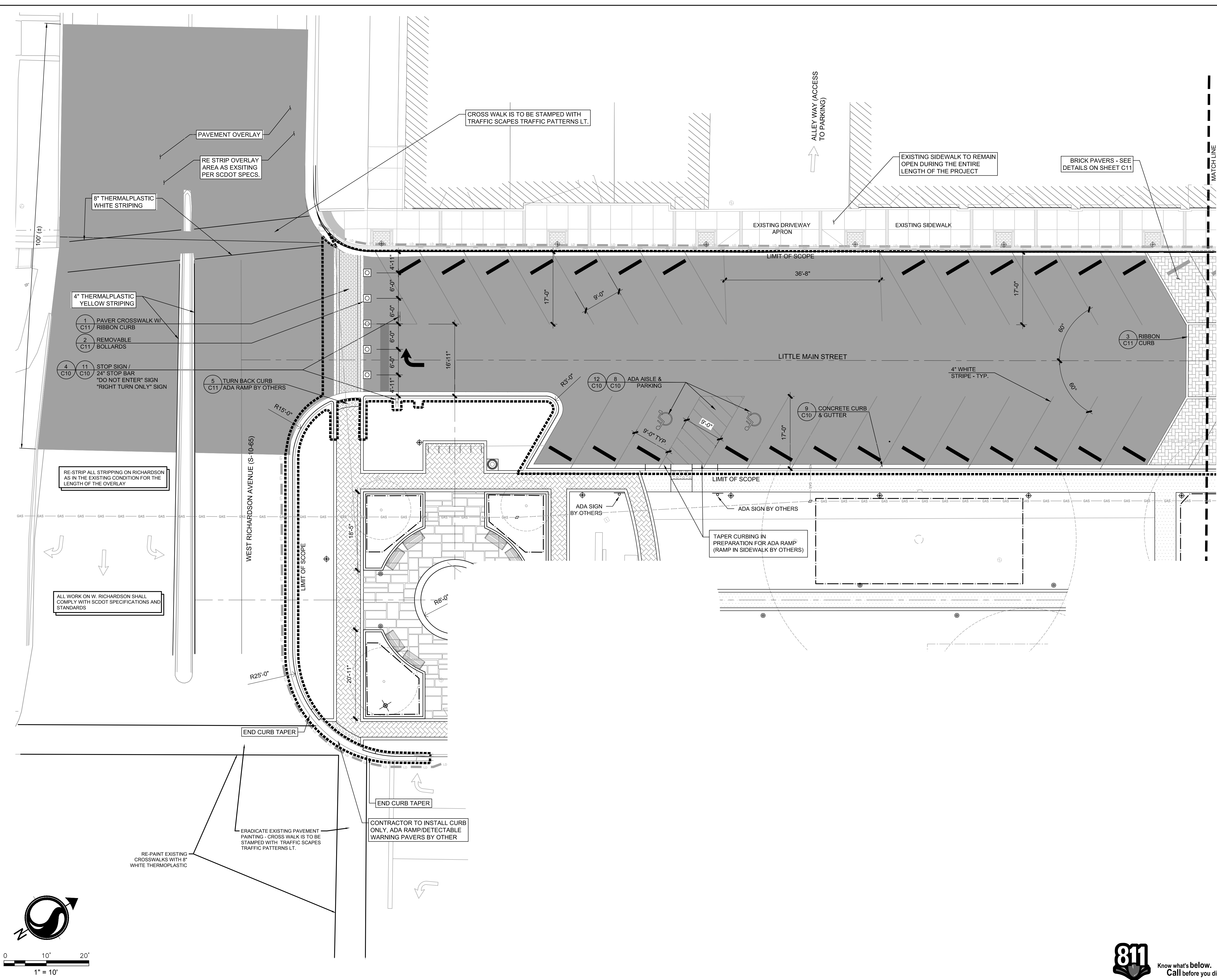
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Permit-Seal

Client/Project  
**Town of Summerville**  
**HUTCHINSON SQUARE IMPROVEMENTS - PHASE II**  
**BID SET - ROAD**  
 Summerville, SC

Title  
**SITE LAYOUT & KEY PLAN**

Project No.	Scale	Revision
178420699	1" = 10'	
Drawing No.	Sheet	Revision
C8	9 of 17	0



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 2018/01/23 3:39 PM By: hghill

- BRICK PAVERS
- SALT FINISH CONCRETE
- BLUESTONE PAVING
- ASPHALT PAVEMENT

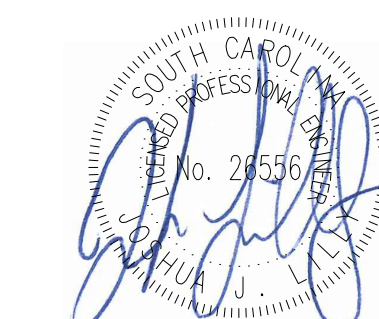
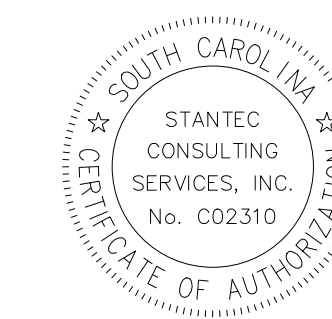
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Revision \_\_\_\_\_ By \_\_\_\_\_ Appd. \_\_\_\_\_ YY.MM.DD

BID DOCUMENTS \_\_\_\_\_ KV \_\_\_\_\_ JLL \_\_\_\_\_ 18.01.24  
Issued \_\_\_\_\_ By \_\_\_\_\_ Appd. \_\_\_\_\_ YY.MM.DD

File Name: \_\_\_\_\_ Dwn. \_\_\_\_\_ Chkd. \_\_\_\_\_ Dsgn. \_\_\_\_\_ YY.MM.DD

Permit-Seal



1/24/2018

Client/Project

Town of Summerville

HUTCHINSON SQUARE IMPROVEMENTS - PHASE II  
BID SET - ROAD

Summerville, SC

Title

SITE LAYOUT & KEY PLAN

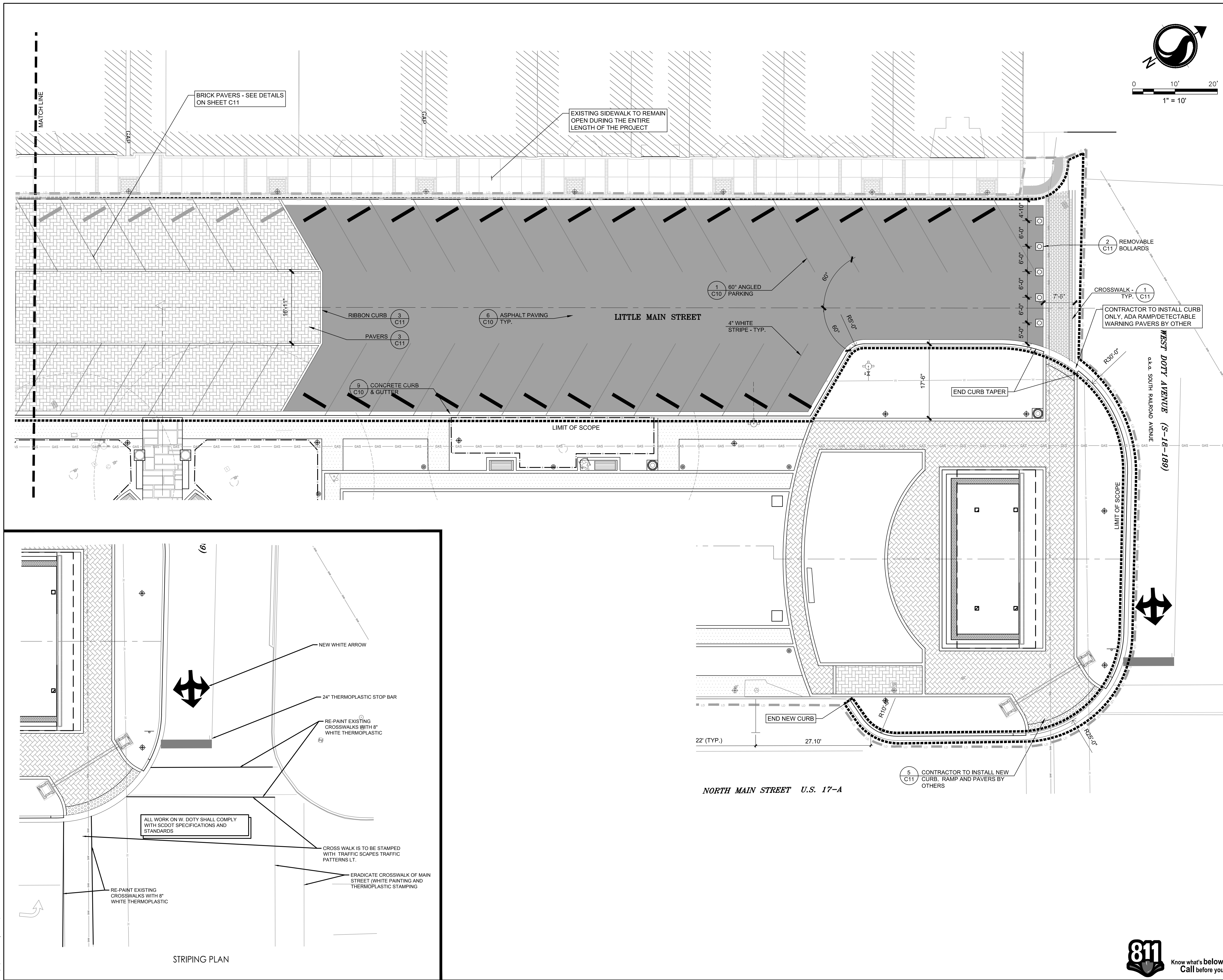
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Drawing No. \_\_\_\_\_ Sheet \_\_\_\_\_ Revision \_\_\_\_\_

C9

10 of 17

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Revision	By	Appd.	YY.MM.DD

Revision	By	Appd.	YY.MM.DD

File Name: \_\_\_\_\_ Dwn. Chkd. Dgn. YY.MM.DD

Permit-Seal



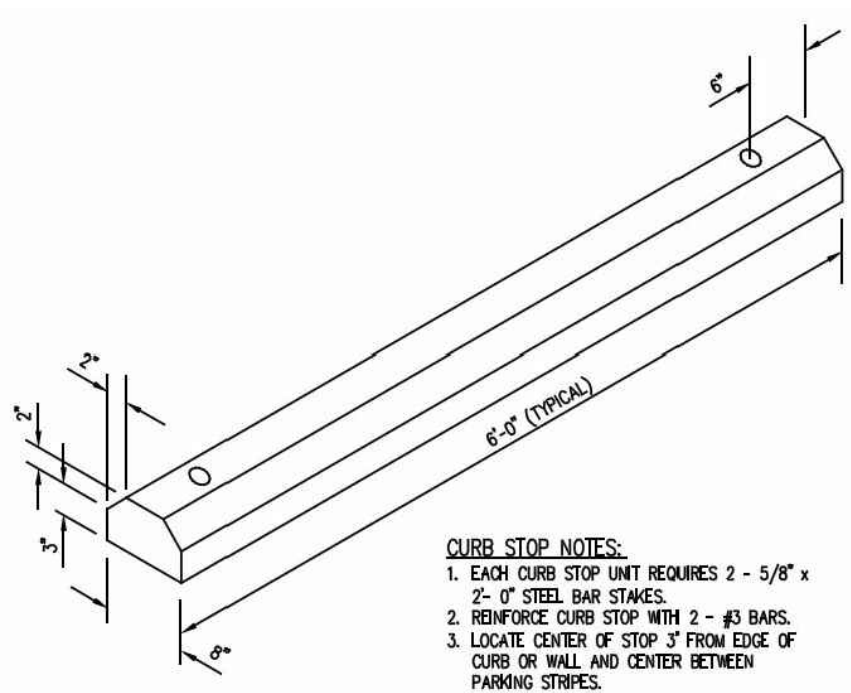
Client/Project  
**Town of Summerville**

HUTCHINSON SQUARE IMPROVEMENTS - PHASE II  
BID SET - ROAD

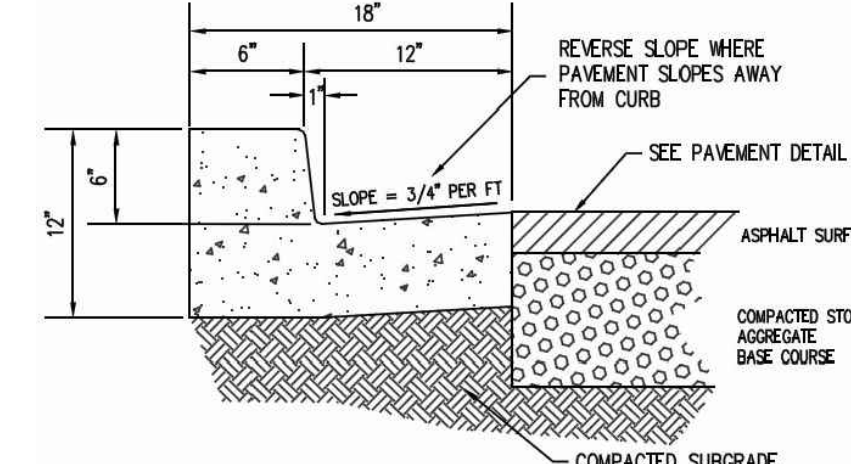
Summerville, SC

Title  
SITE DETAILS

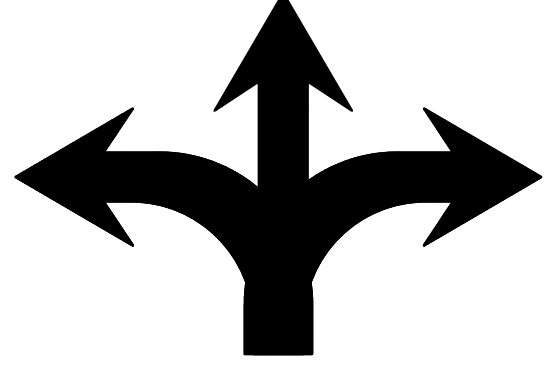
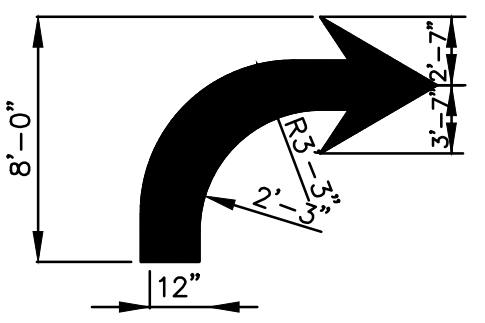
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178420699	
Drawing No.	Sheet
C10	



**5 WHEEL STOP DETAIL**  
N.T.S.



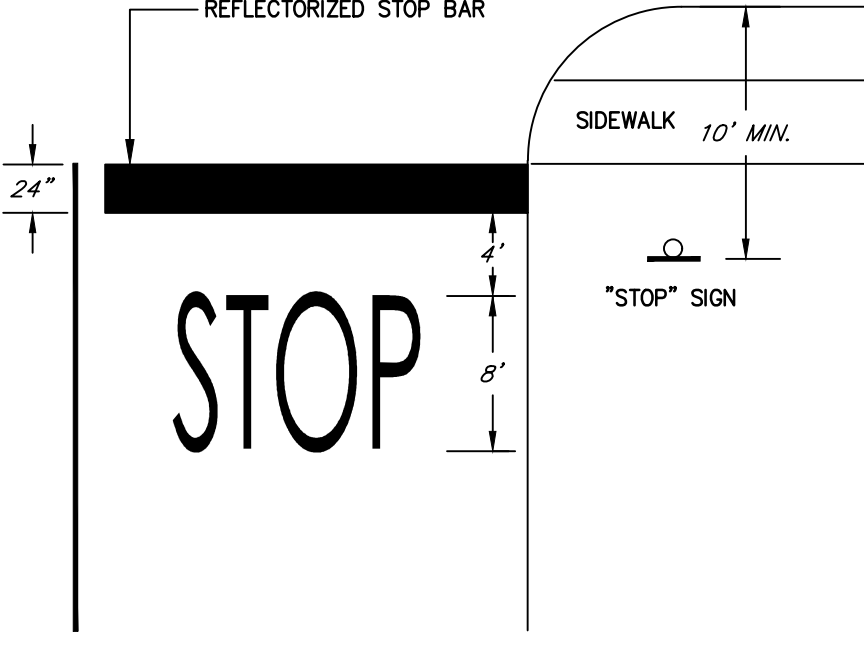
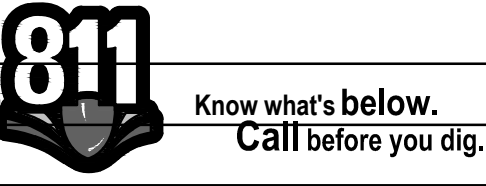
**9 6" STANDARD CURB & GUTTER**  
N.T.S.



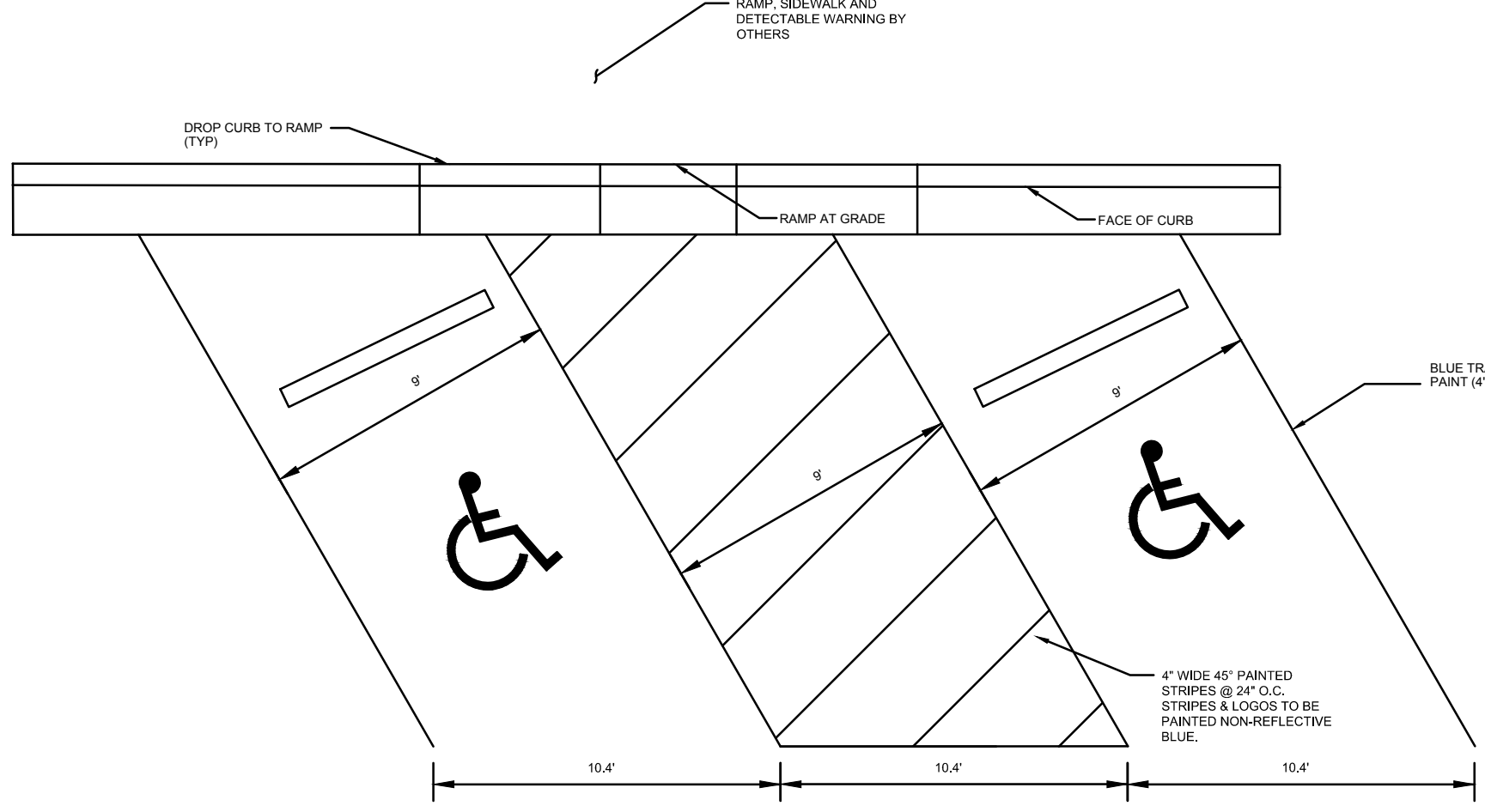
ALL ARROWS TO COMPLY WITH SCDOT STANDARD DRAWINGS

**NOTE:**  
PAINTED ARROW PAINT SHALL BE STANDARD PARKING STRIPE PAINT AS MANUFACTURED BY GLIDDEN PAINT CO. OR APPROVED EQUAL.

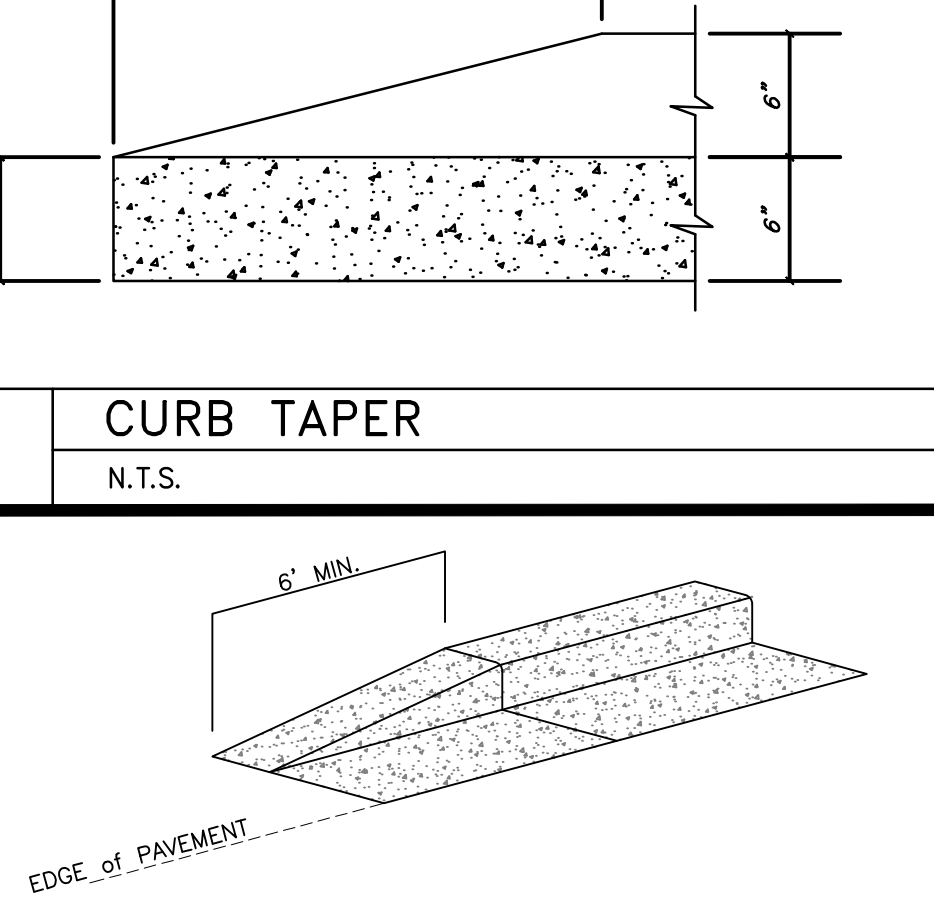
**13 ROADWAY ARROWS**  
N.T.S.



**4 STOP BAR DETAIL**  
N.T.S.

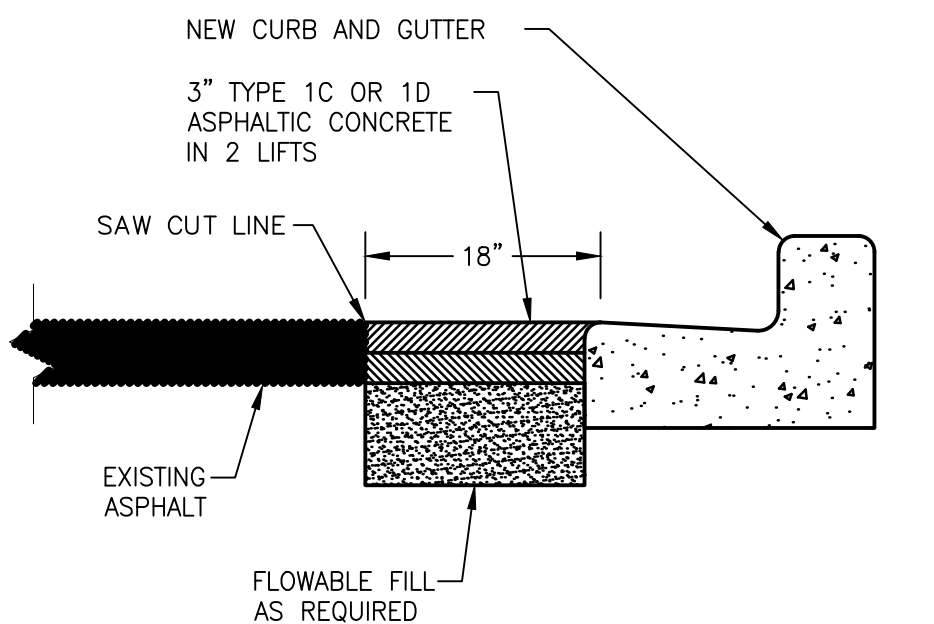


**8 ACCESSIBLE PARKING DETAIL**  
N.T.S.

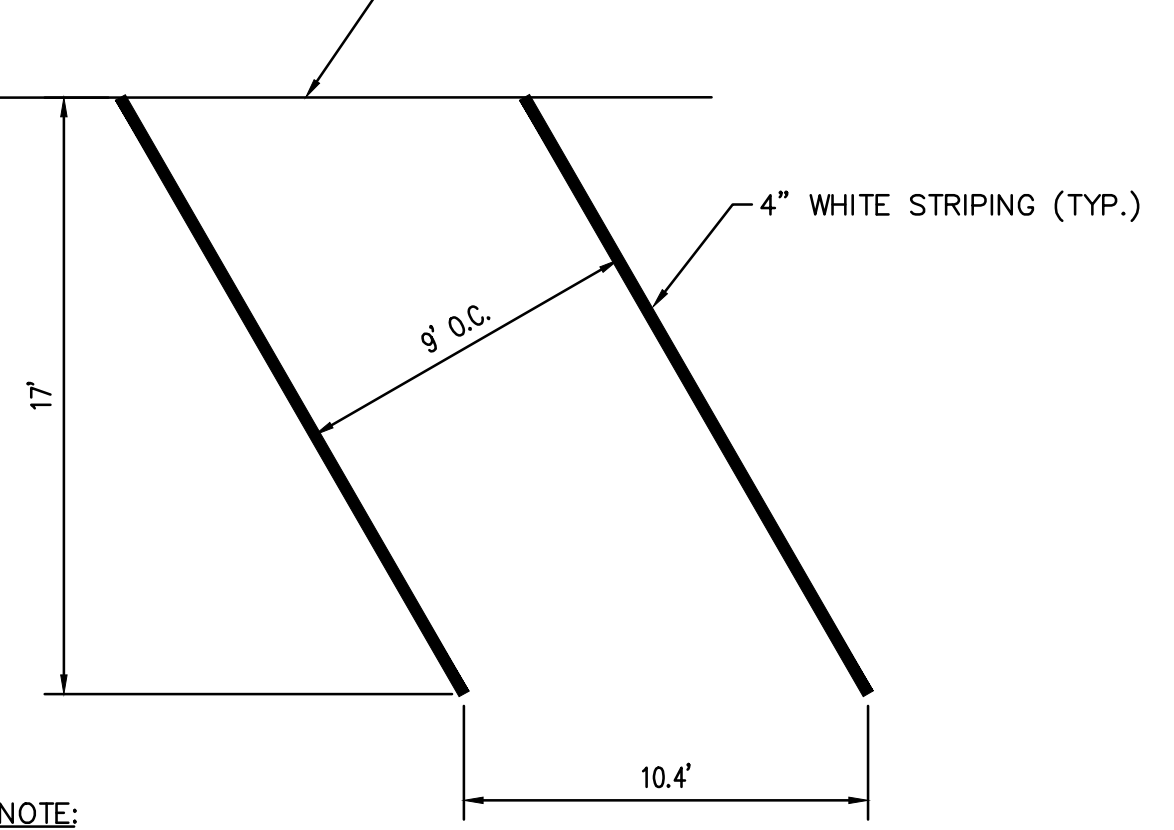


**2 CURB TAPER**  
N.T.S.

**3 CURB TERMINATION**  
N.T.S.

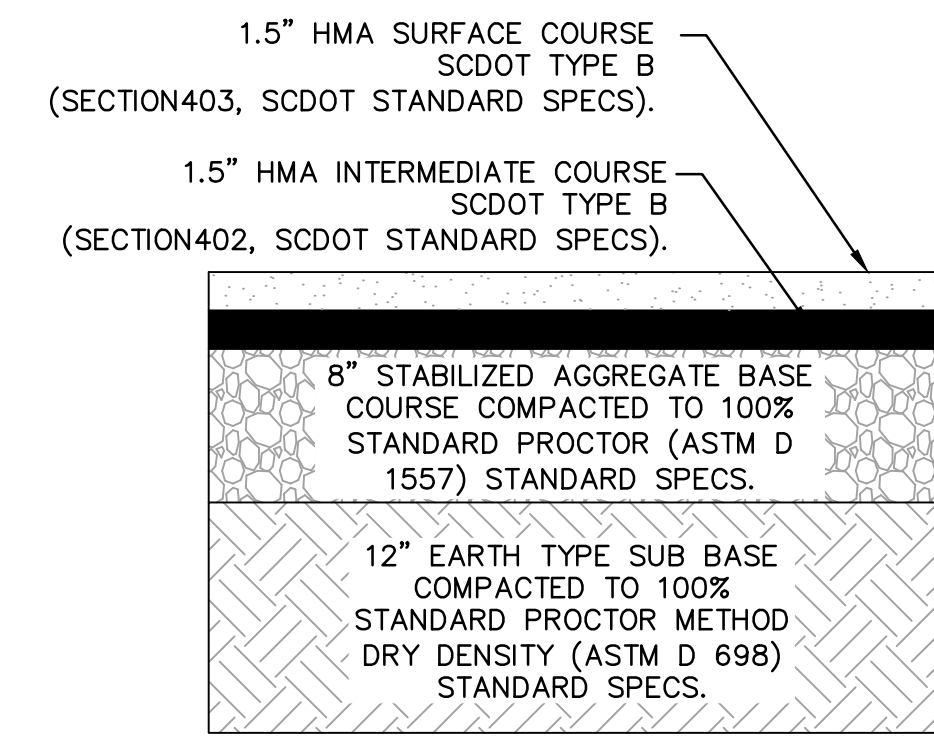


**7 PAVEMENT REPLACEMENT AT CURB & GUTTER**  
N.T.S.

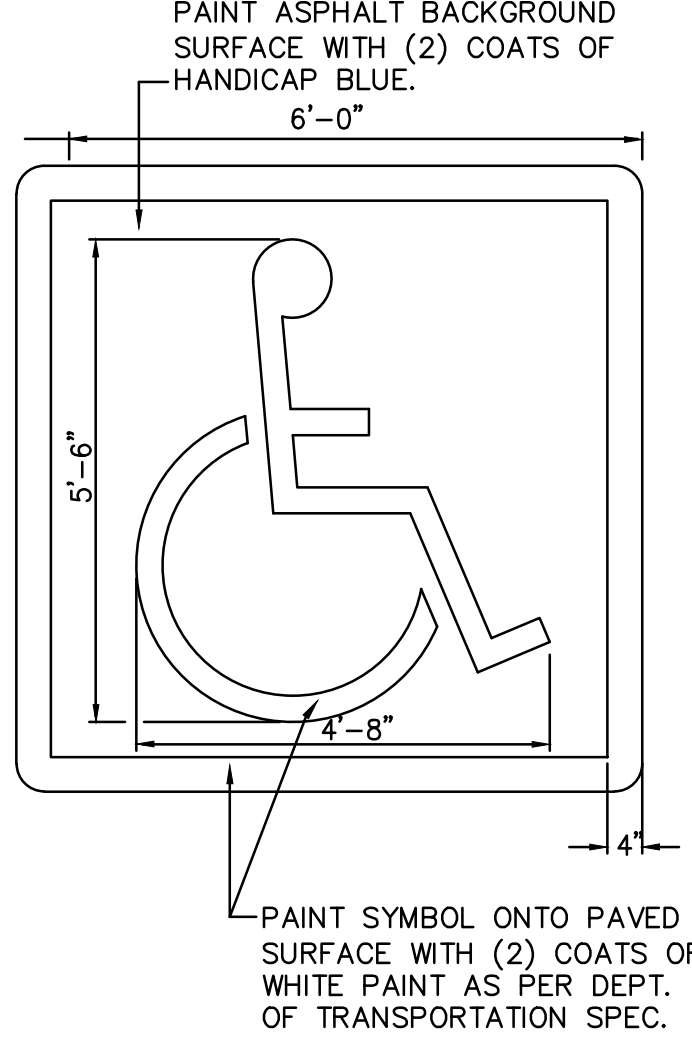


**1 60° PARKING SPACE**  
N.T.S.

**NOTE:**  
FOR MORE INFORMATION REGARDING EXISTING SUBGRADE SOILS, REFER TO "PRELIMINARY REPORT OF SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING ANALYSIS" PROVIDED BY ECS CAROLINAS, LLP DATED JANUARY 5, 2017.



**6 HEAVY DUTY ASPHALT PAVEMENT SECTION**  
N.T.S.



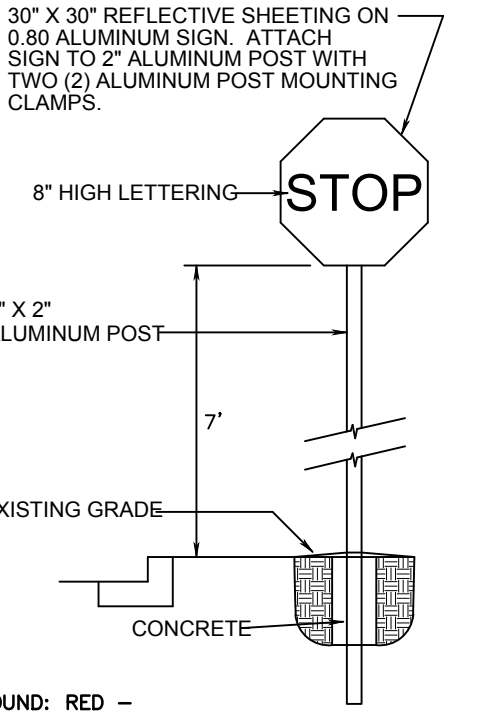
**ADA PARKING SYMBOL**  
N.T.S.

- AMERICANS WITH DISABILITIES ACT:**
- DISABLE ACCESSIBLE ROUTES SHALL START AT HANDICAP PARKING AND GO INTO THE PRIMARY ENTRANCE OF ALL NEW OR RENOVATED BUILDING OR TENANT SPACES. IT IS ALSO REQUIRED THAT THE PARKING SPACE AND ITS ADJACENT AISLE BE RELATIVELY LEVEL, LESS THAN 2%.
  - HANDICAP PARKING SPACES SHALL BE AT LEAST 8 FEET WIDE AND BE PROVIDED WITH AN ADJACENT ACCESS AISLE OF NO LESS THAN 8 FEET WIDE TO COMPLY WITH 4.6.2 OF THE ANSI 1986 STANDARD. ADDITIONALLY, HANDICAP PARKING SPACES SHALL BE DESIGNATED AS RESERVED FOR THE DISABLED BY A SIGN SHOWING THE SYMBOL OF ACCESSIBILITY. SUCH SIGNS SHALL BE 12 INCHES BY 18 INCHES REFLECTIVE BLUE METAL SIGN MOUNTED ON A 2 INCH X 2 INCH STEEL POST. SIGN TO BE MOUNTED 80 INCHES FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE WALKING SURFACE.
  - RAMPS SHALL BE PROVIDED WHEREVER AN ACCESSIBLE ROUTE CROSSES A CURB OR IS PART OF AN ACCESSIBLE ROUTE THAT HAS A SLOPE OF GREATER THAN 1:20. RAMPS SHALL HAVE A MINIMUM WIDTH OF 3 FT. EXCLUSIVE OF FLARED SIDES AND A MAXIMUM SLOPE OF 1:12.
  - RAMPS RUNS HAVING A RISE OF MORE THAN SIX INCHES OR A HORIZONTAL RISE OF MORE THAN 6 FEET SHALL HAVE HANDRAILS ON THE ANSI 117-1-1986 STANDARD.

**12 ADA PARKING SYMBOL**  
N.T.S.

**NOTE:**  
ALL SIGNAGE, STRIPING, AND INSTALLATION SHALL CONFORM TO SCDOT AND MUTCD STANDARDS AND SPECIFICATIONS. SIGN POSTS TO BE BREAK-AWAY TYPE PER SCDOT STD. DWG #720-920-05.

SIGN TYPE	SIGN # (MUTCD)	SIZE
STOP SIGN	R1-1	30"x30"
DO NOT ENTER	R5-1-30	30"x30"



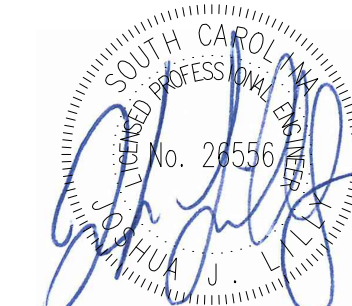
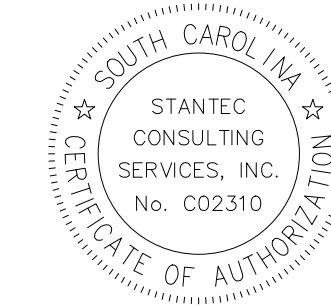
BACKGROUND: RED - REFLECTORIZED LEGEND AND BORDER: WHITE REFLECTORIZED

USE MUTCD TYPE R1-1 30"x30" SIGN MOUNTED ON GALVANIZED U-CHANNEL POSTS.

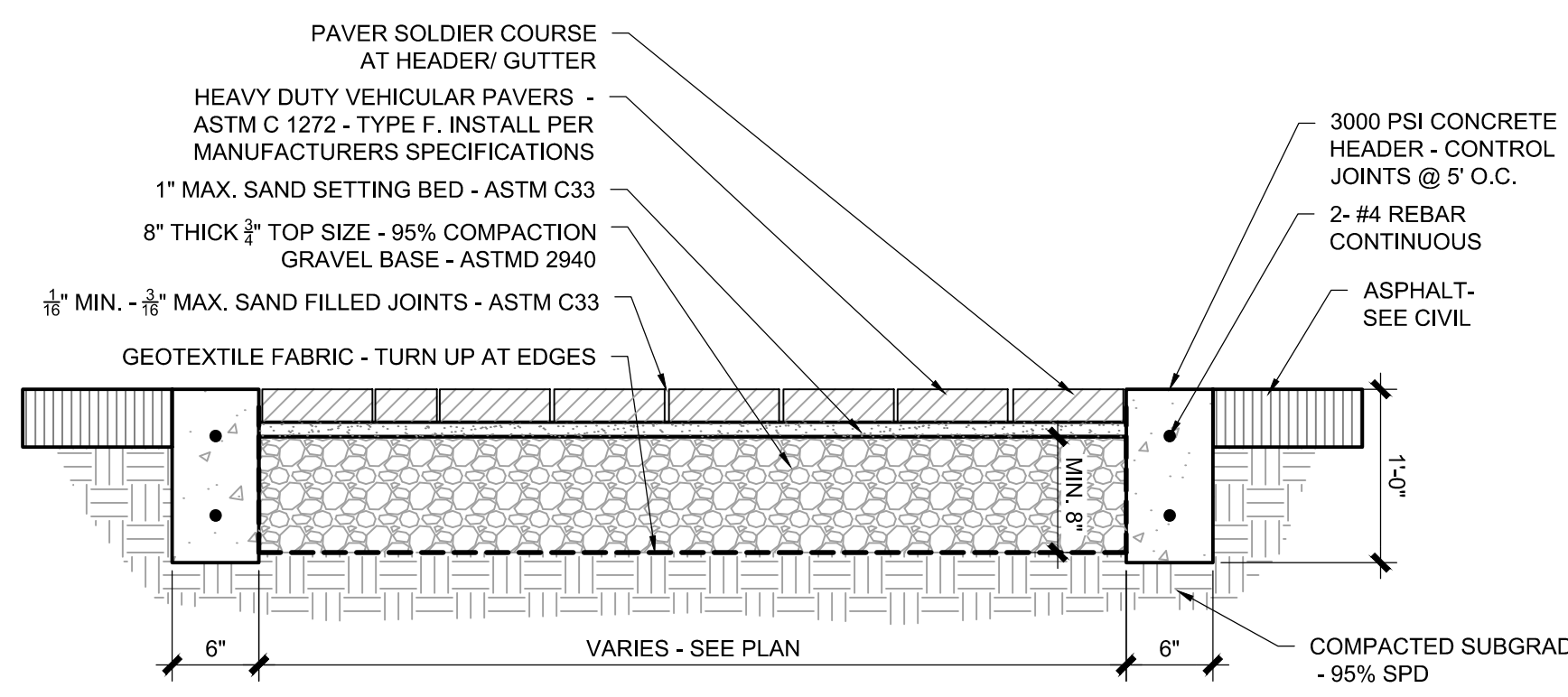
SIGNS SHALL BE VERTICALLY MOUNTED AT RIGHT ANGLES TO THE DIRECTION OF, AND FACING, THE TRAFFIC THAT THEY ARE INTENDED TO SERVE.

SIGN POSTS, FOUNDATION AND MOUNTINGS SHALL BE SO CONSTRUCTED AS TO HOLD SIGNS IN PROPER AND PERMANENT POSITION, AND TO RESIST SWAYING IN THE WIND OR DISPLACEMENT BY VANDALISM.

**11 ROAD SIGN DETAILS**  
N.T.S.

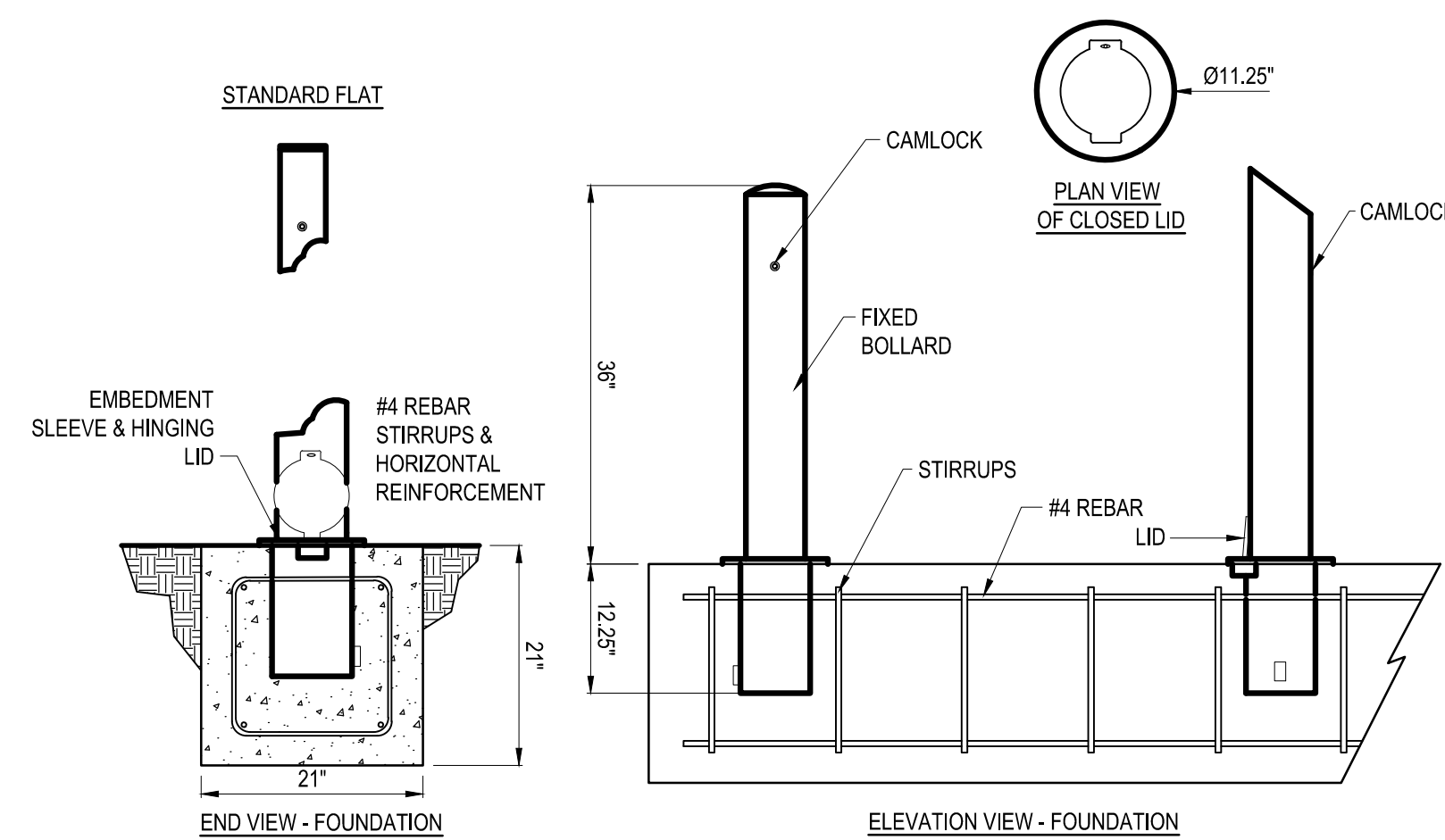


1/24/2018



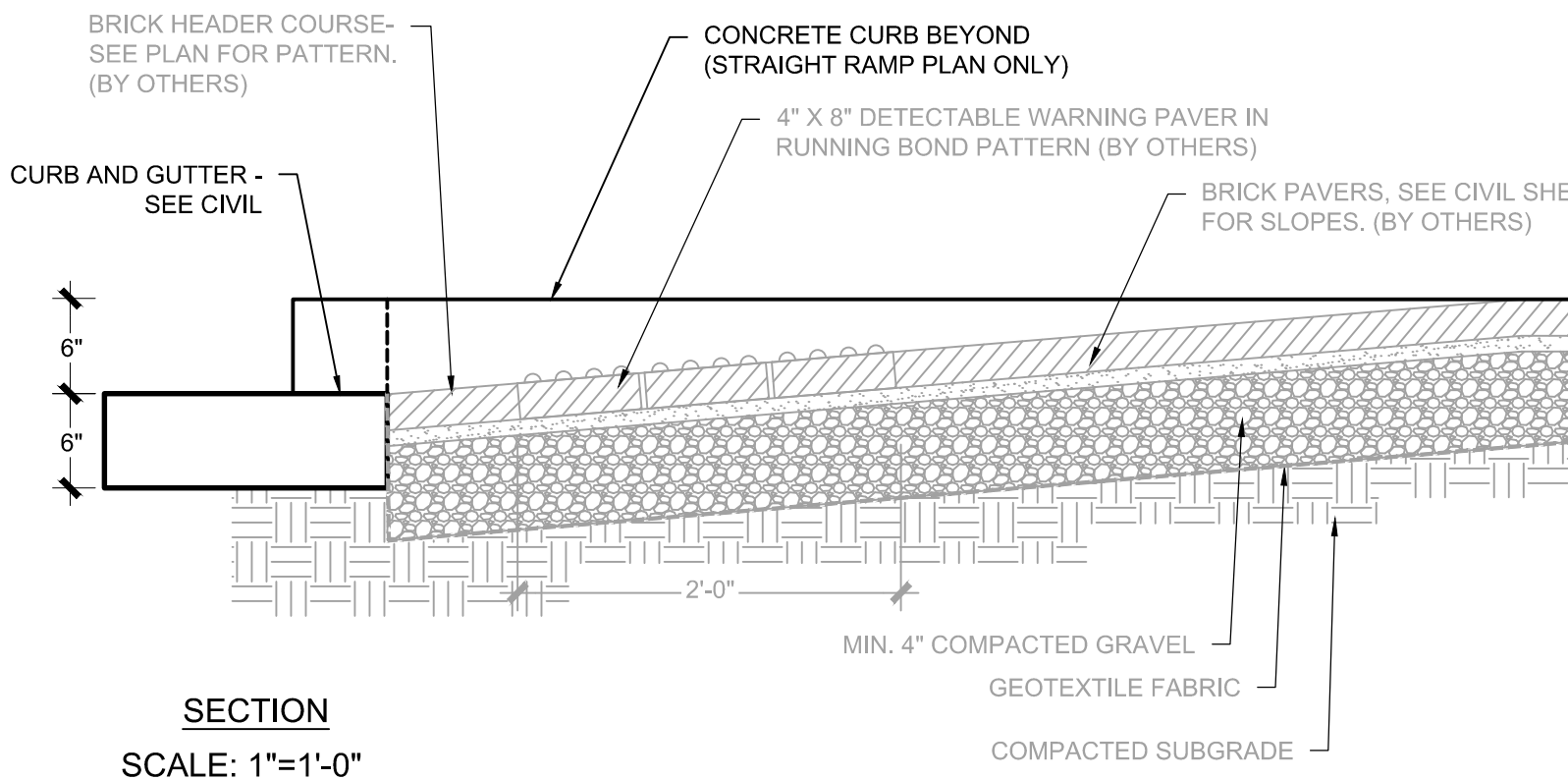
- NOTE:**
- BRICK SHALL BE PINE HALL HEAVY DUTY VEHICULAR - COCOA COLOR TO MATCH THE PAVERS ON LITTLE MAIN. SUBMIT SAMPLE FOR APPROVAL TO OWNER'S REPRESENTATIVE.
  - INSTALL PER MANUFACTURERS SPECIFICATIONS FOR ROADWAY APPLICATION.
  - MINIMIZE CUT PAVERS AND SLIVERS. MINIMUM PAVES SIZE SHALL BE ONE HALF OF A PAVES.

1 CROSSWALK DETAIL  
N.T.S.



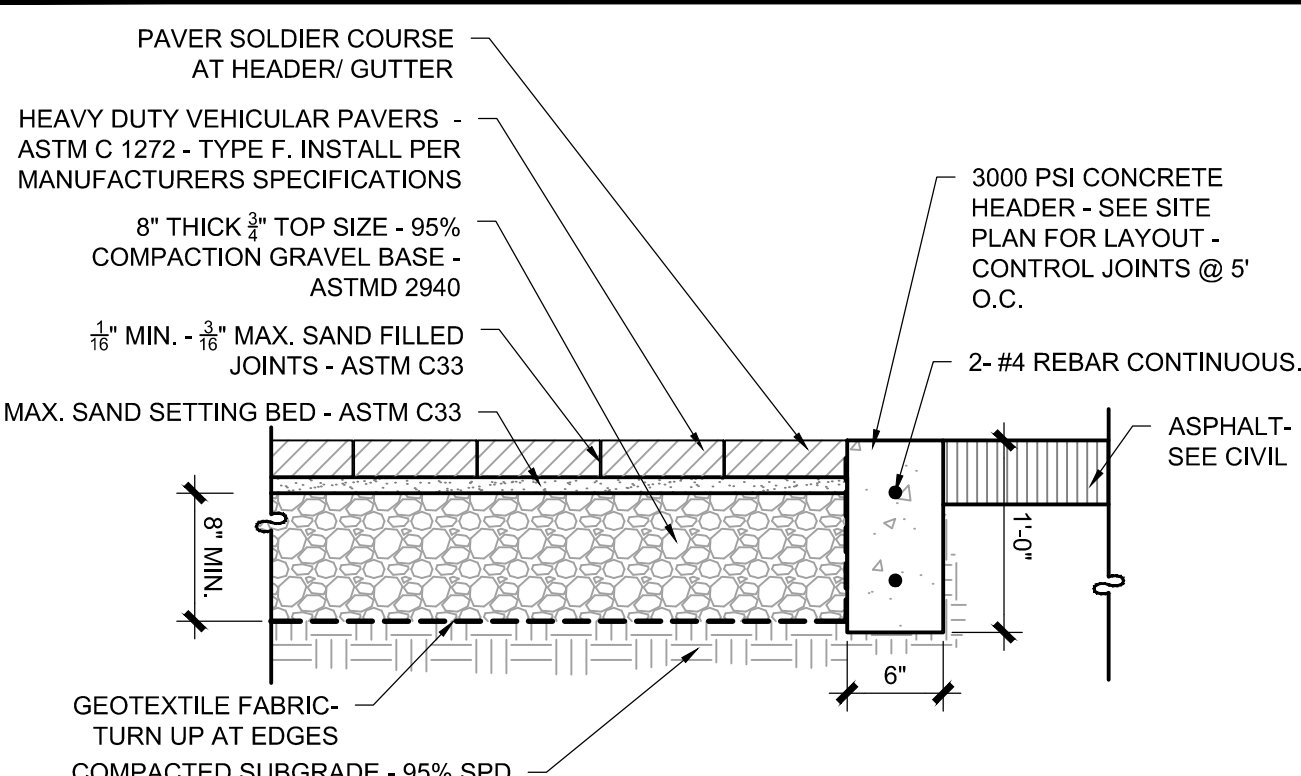
- NOTES:**
- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
  - ALL DIMENSIONS ARE CONSIDERED TRUE AND REFLECT MANUFACTURER'S SPECIFICATIONS.
  - DO NOT SCALE DRAWING.
  - CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT [www.CADdetails.com/info](http://www.CADdetails.com/info)

2 REMOVABLE BOLLARD AND EMBEDMENT SLEEVE  
N.T.S.



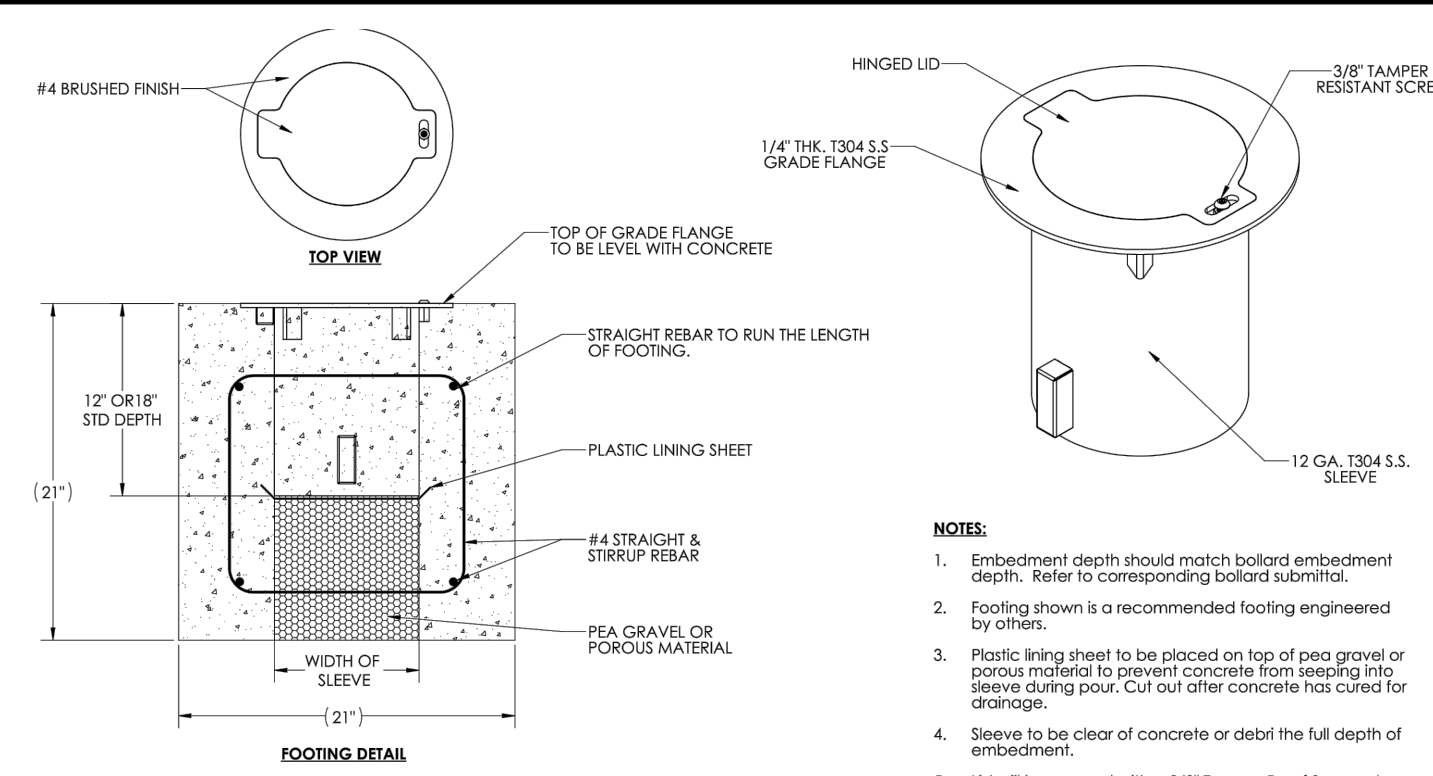
SECTION  
SCALE: 1"=1'-0"

ADA RAMPS - SECTION  
SCALE: 1" = 1'-0"



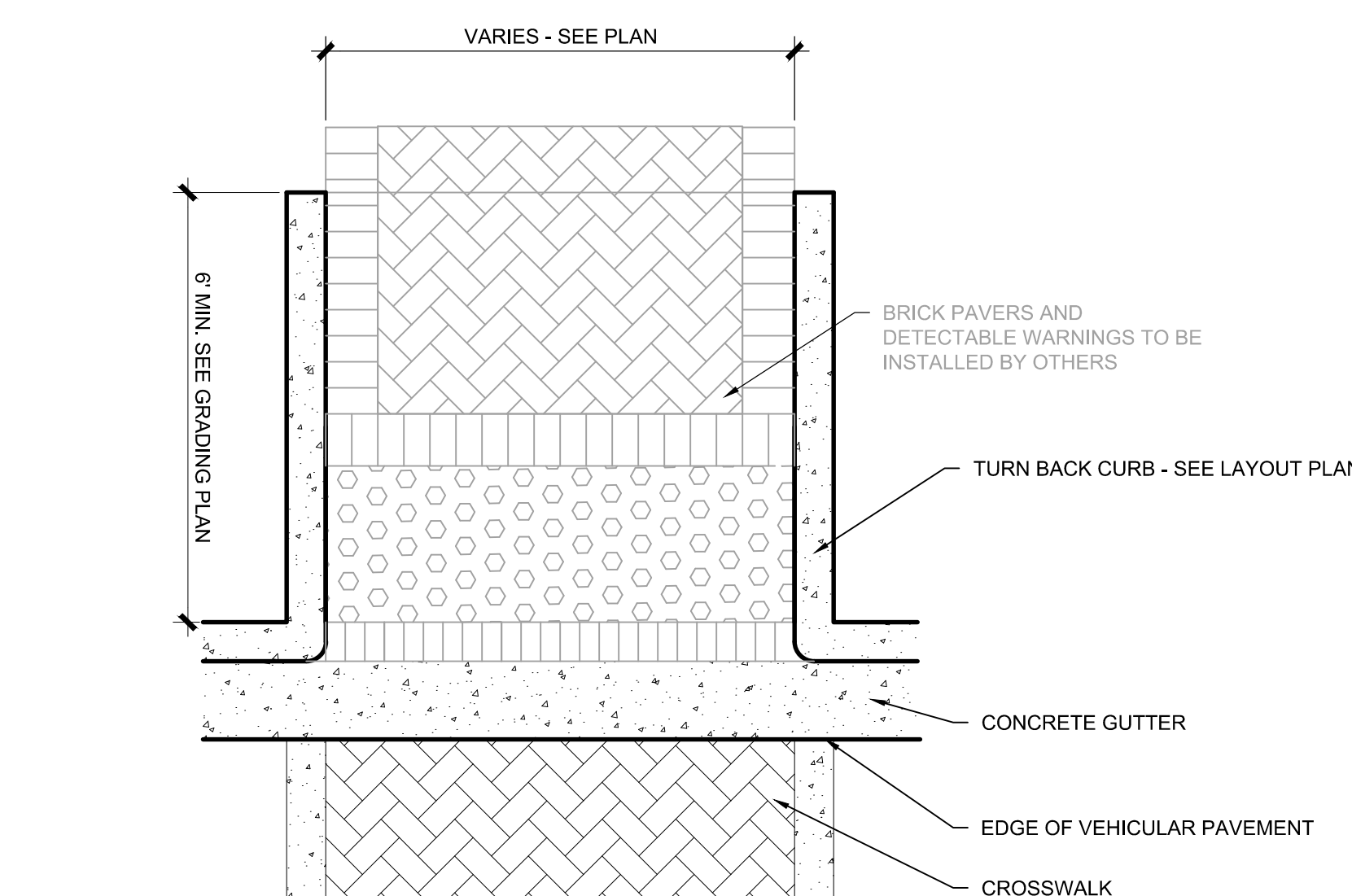
- NOTE:**
- BRICK SHALL BE PINE HALL HEAVY DUTY VEHICULAR - COCOA COLOR TO MATCH THE PAVERS ON LITTLE MAIN. SUBMIT SAMPLE FOR APPROVAL TO OWNER'S REPRESENTATIVE.
  - INSTALL PER MANUFACTURERS SPECIFICATIONS FOR ROADWAY APPLICATION.
  - MINIMIZE CUT PAVERS AND SLIVERS. MINIMUM PAVES SIZE SHALL BE ONE HALF OF A PAVES.

3 RIBBON CURB / PAVERS IN STREET  
N.T.S.



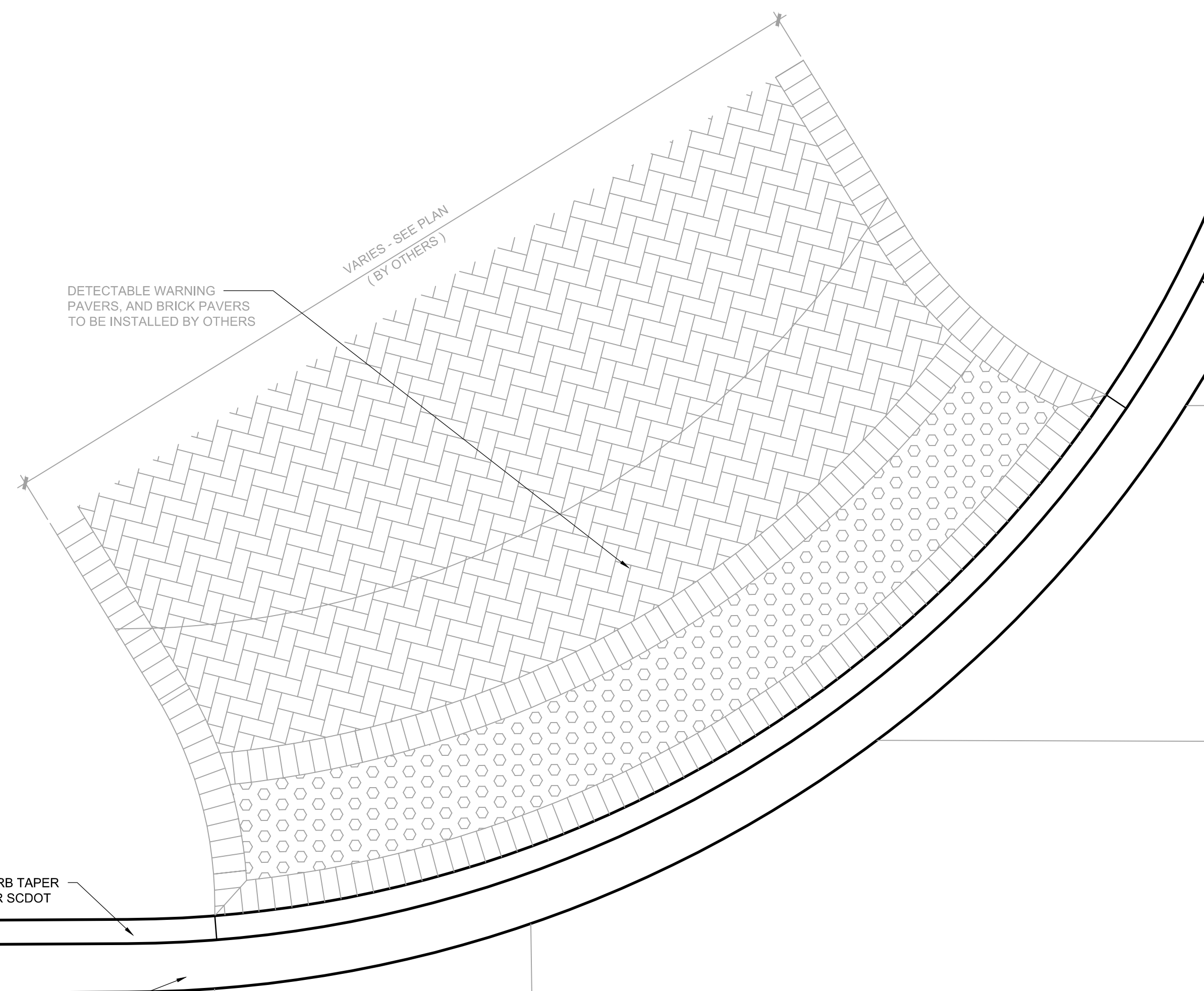
- NOTES:**
- Embedment depth should match bollard embedment depth. Refer to corresponding bollard submittal.
  - Footing shown is a recommended footing engineered by others.
  - Plastic lining sheet to be placed on top of pea gravel or porous material to prevent concrete from seeping into sleeve during pour. Cut out after concrete has cured for storage.
  - Sleeve to be clear of concrete or debris the full depth of embedment.
  - Lid will be secured with a 3/8" Tamper Proof Screw when lid is in the closed position.

Company:  
6" REMOVABLE STEEL BOLLARD BY CALPIPE INDUSTRIES OR APPROVED EQUAL - SUBMIT CUT SHEET FOR APPROVAL:  
1. MODEL: BR06040 SCH 40 ASTM A-53 CARBON  
2. 36" HEIGHT  
3. STEEL STANDARD FLAT TOP  
4. INSTALL EMBEDMENT SLEEVE  
5. COLOR: BLACK  
6. PROVIDE MINIMUM 3 CAM KEYS TO OWNER.  
7. INSTALL ALL ITEMS PER MANUFACTURERS SPECIFICATIONS.  
[WWW.CALPIPEBOLLARDS.COM](http://WWW.CALPIPEBOLLARDS.COM)



- NOTE:**
- THIS CONTRACT IS RESPONSIBLE FOR THE INSTALLATION OF THE CURB AND GUTTER AND THE CURB TURN BACKS ASSOCIATED WITH THIS ADA RAMP. OTHER ELEMENTS TO BE INSTALLED BY OTHERS

5 ADA RAMPS  
N.T.S.



- NOTE:**
- THIS CONTRACT IS RESPONSIBLE FOR THE INSTALLATION OF THE CURB AND CURB TAPERS ASSOCIATED WITH THIS ADA RAMP. OTHER ELEMENTS TO BE INSTALLED BY OTHERS
  - PATCH EXISTING ASPHALT PER DETAIL.



Consultants

Legend

EP - EXISTING PAVEMENT ELEVATION  
BL - EXISTING BUILDING ELEVATION  
TC - NEW TOP OF CONCRETE CURB ELEVATION  
FC - FLUSH CONCRETE CURB

Notes

- NEW SIDEWALK IS TO COMPLY WITH THE MOST RECENT VERSION OF THE ADA STANDARDS FOR ACCESSIBLE DESIGN. THE CROSS SLOPE OF THE SIDE WALK SHALL NOT EXCEED 1:48 (2%) FROM THE EXISTING BUILDING TO THE TOP OF CURB ELEVATION. THE HORIZONTAL SLOPE SHALL NOT EXCEED 1:20 (5%).

Revision

Revision	By	Appd.	YY.MM.DD

BD DOCUMENTS

BD DOCUMENTS	By	Appd.	YY.MM.DD

File Name:

File Name:	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal



Client/Project

Town of Summerville  
HUTCHINSON SQUARE IMPROVEMENTS - PHASE II  
BID SET - ROAD

Summerville, SC

Title

GRADING PLAN

Project No.

178420699

Drawing No.

C12

Scale

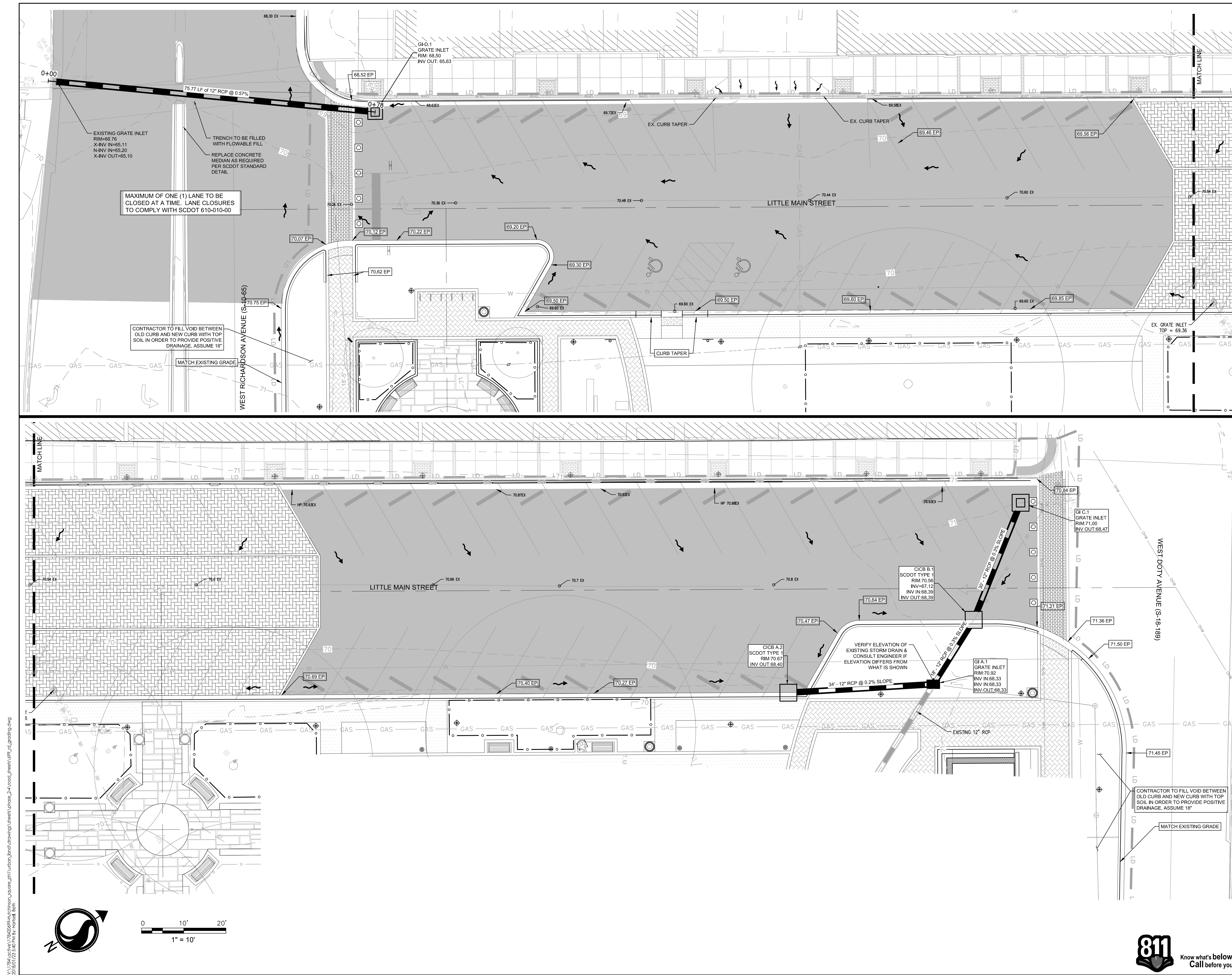
1" = 10'

Sheet

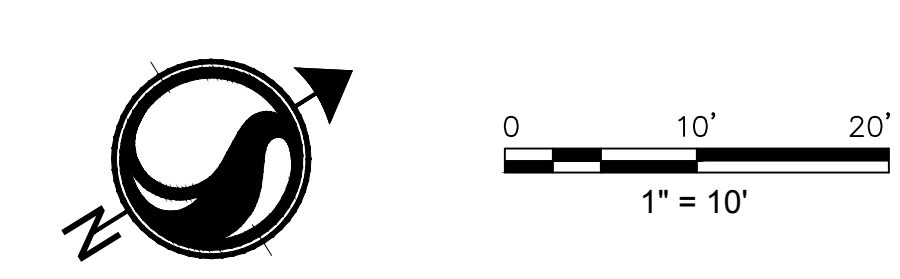
1 of 17

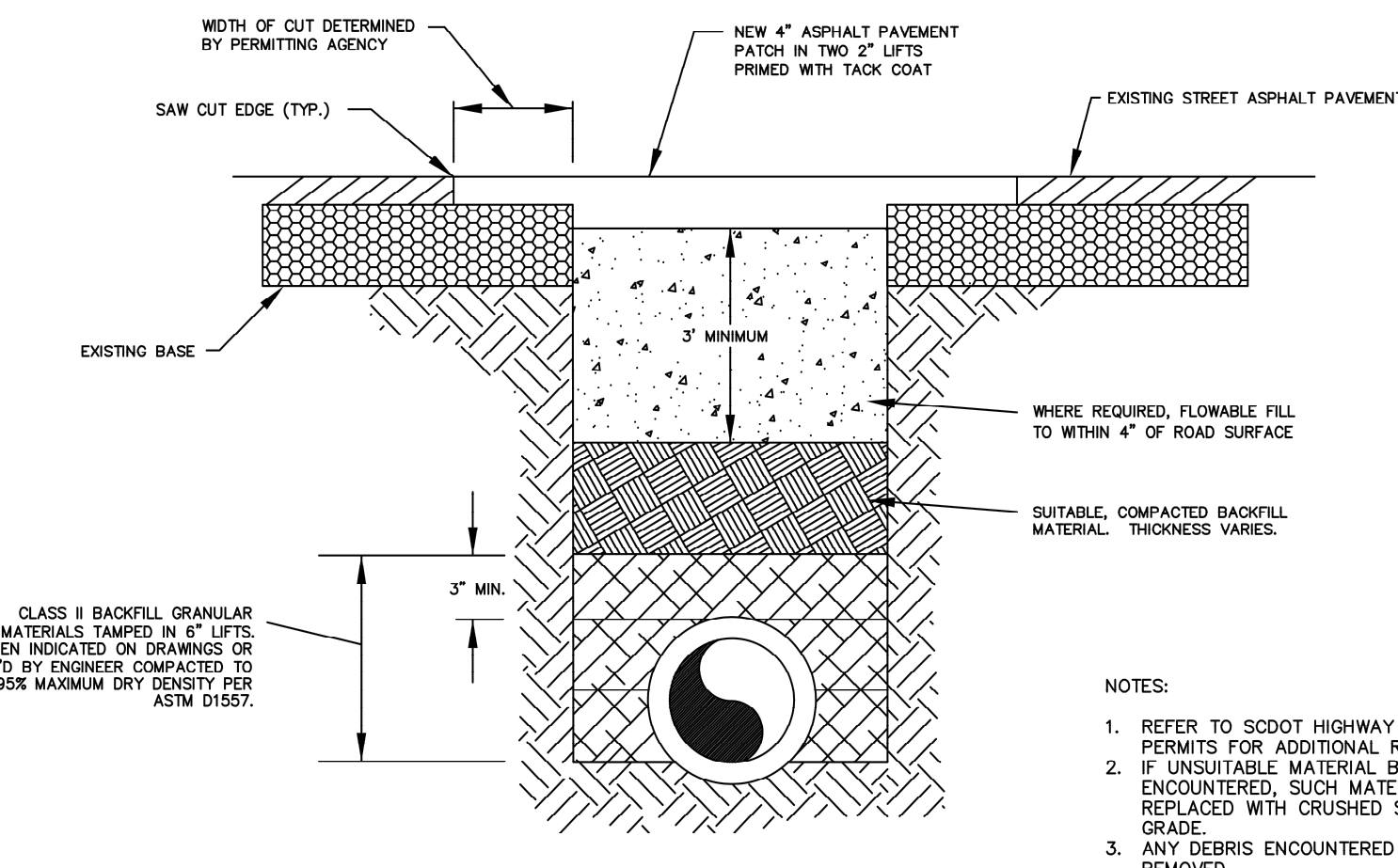
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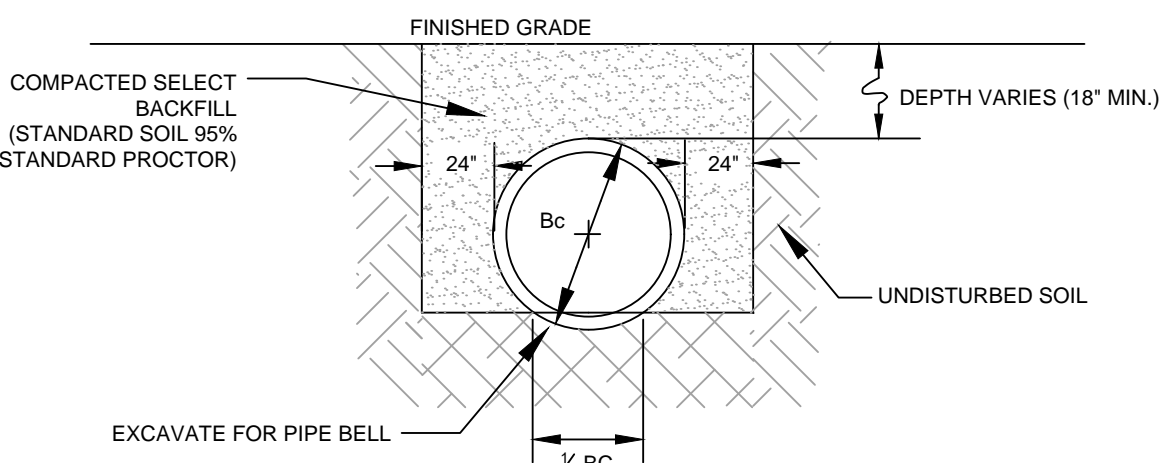


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TRENCH IN ROAD DETAIL  
N.T.S.



BEDDING FOR CONCRETE STORM  
DRAINAGE PIPE  
N.T.S.

**REFERENCES**

**GENERAL NOTES:**

- CONCRETE SHALL BE PLACED AND FINISHED TO THE FINISH SURFACE TO BE SHOWN UNLESS OTHERWISE NOTED.
- CONCRETE SHALL BE 4" THICK WITH A MINIMUM REINFORCING STEEL AREA OF 0.25 SQ. IN. PER SQ. FT. OF AREA TO BE CONCRETED. REINFORCING SHALL BE #4 BARS AT 18" O.C. WITH 90° BENDS AT ENDS.
- CONCRETE SHALL BE 4" THICK WITH A MINIMUM REINFORCING STEEL AREA OF 0.25 SQ. IN. PER SQ. FT. OF AREA TO BE CONCRETED. REINFORCING SHALL BE #4 BARS AT 18" O.C. WITH 90° BENDS AT ENDS.
- CONCRETE SHALL BE 4" THICK WITH A MINIMUM REINFORCING STEEL AREA OF 0.25 SQ. IN. PER SQ. FT. OF AREA TO BE CONCRETED. REINFORCING SHALL BE #4 BARS AT 18" O.C. WITH 90° BENDS AT ENDS.

**TABLE 719-001A**

DIMENSION	BUILT IN PLACE OPTION	PRECAST OPTION
A	8"	8"
B	2'-6"	2'-6"
C	2'-6"	3'-0"
D	3'-0"	3'-0"
E	4'-0"	4'-0"

**PRECAST OPTION**

- PRECAST BOX CONFORMING TO STD. DRAWING 719-310-00 OR 719-305-00
- BRICK WALLS 8" THICK (MINIMUM 12" DEPTH)
- OR TYPE 3 FRAME, GRATE, AND HOOD

**PRECAST ITEMS**

- TYPE 1 OR 1 BOTTOM SLAB (45"x60"x6")
- SEE ALSO STD. DRAWING 719-310-00, 719-305-00, & 719-310-01

**SCDOT TYPE 1 BOX AND GRATE N.T.S.**

**TABLE 719-105B**

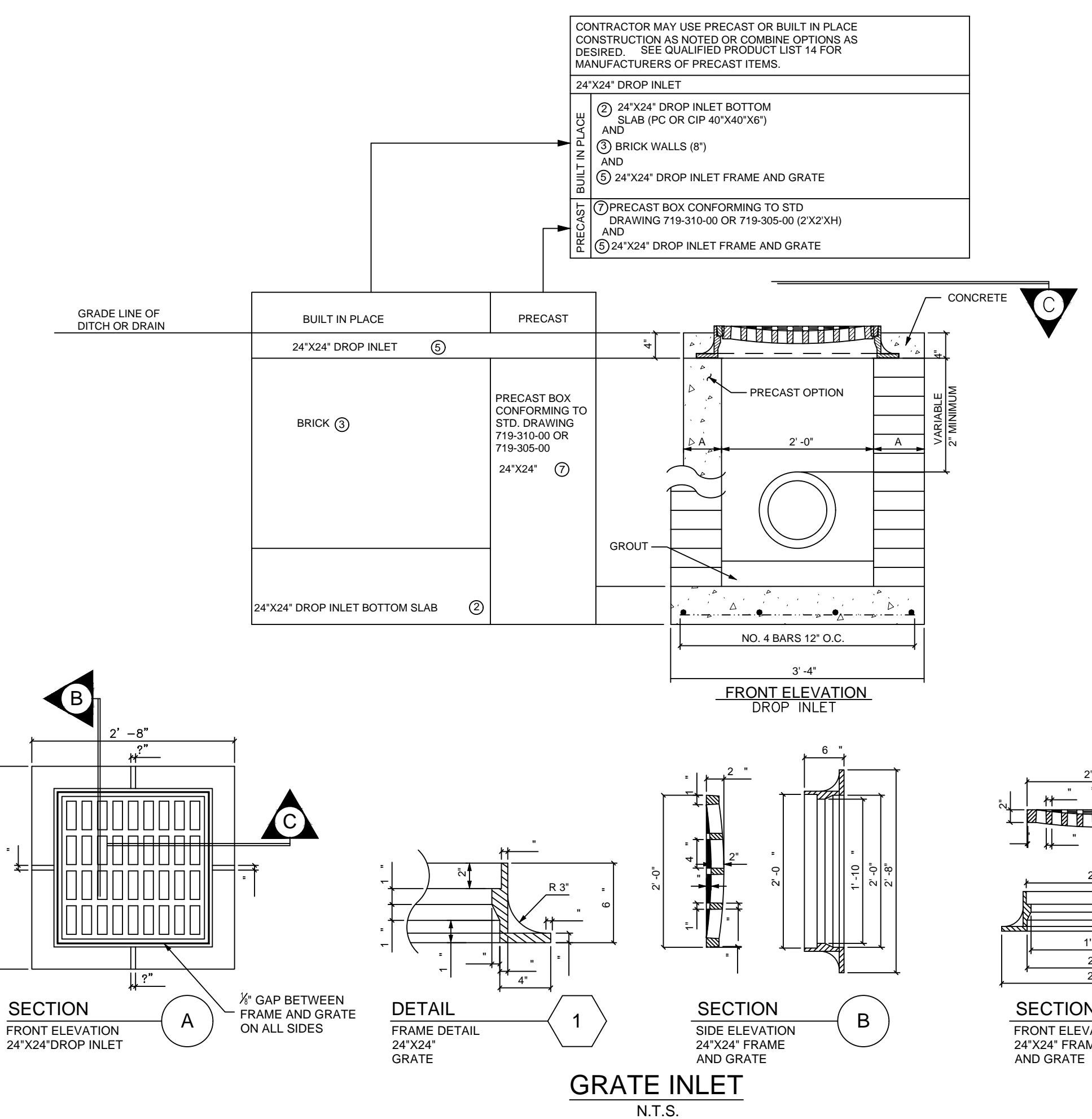
STANDARD PC ITEMS FOR DROP INLET

(24"x24") DROP INLET BOTTOM SLAB (PC OR CIP 40"x40"x6")  
SEE ALSO STD. DRAWING 719-310-00 OR 719-305-00

**TABLE 719-105A**

24"x24" DROP INLET

DIMENSION	BUILT IN PLACE OPTION	PRECAST
A	8"	8"
B	2'-6"	SEE STD. DRAWING 719-305-00 AND 719-310-00 (2'X2'X) PRECAST BOX
C	3'-4"	SEE STD. DRAWING 719-305-00 AND 719-310-00 (2'X2'X) PRECAST BOX



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- BRICK PAVERS
- SALT FINISH CONCRETE
- BLUESTONE PAVING
- ASPHALT PAVEMENT

1. ALL ANGLES ARE 90° DEGREES UNLESS OTHERWISE NOTED.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES PRIOR TO CONSTRUCTION. ANY DAMAGE TO THE UTILITIES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3. THE CONTRACTOR SHALL REVIEW THE EXISTING SITE CONDITIONS PRIOR TO BIDDING AND IF ANY DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL CONTACT THE ENGINEER.
4. THE LIMIT OF WORK IS CONFINED TO AREAS WITHIN THE CLEARING LIMITS UNLESS OTHERWISE INDICATED.
5. THE CONTRACTOR SHALL USE THIS DRAWING FOR STAKE OUT OF ALL SITE ELEMENTS IN THE FIELD AND SHALL OBTAIN APPROVAL FROM THE ENGINEER PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR IS RESPONSIBLE FOR FINE GRADING AND PROVIDING A SMOOTH TRANSITION INTO EXISTING GRADES. GRADE TO PREVENT PONDING AND TO PROVIDE POSITIVE DRAINAGE FROM STRUCTURES.

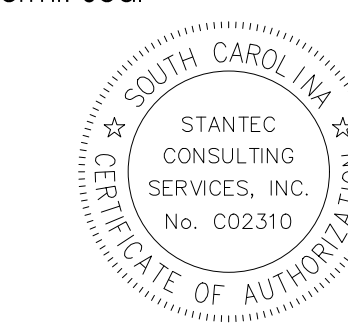
Revision By Appd. YY.MM.DD

BD DOCUMENTS KV JLL 18.01.24

Issued By Appd. YY.MM.DD

File Name: Dwn. Chkd. Dgn. YY.MM.DD

Permit-Seal



1/24/2018

Client/Project

Town of Summerville

HUTCHINSON SQUARE IMPROVEMENTS - PHASE II  
BID SET - ROAD

Summerville, SC

Title

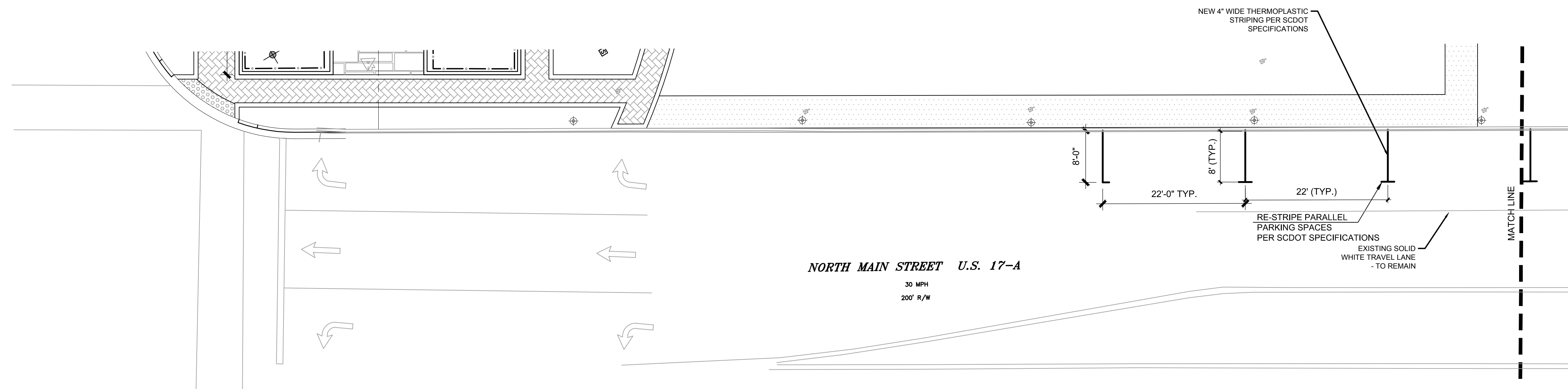
MAIN STREET STRIPING PLAN

Project No. Scale

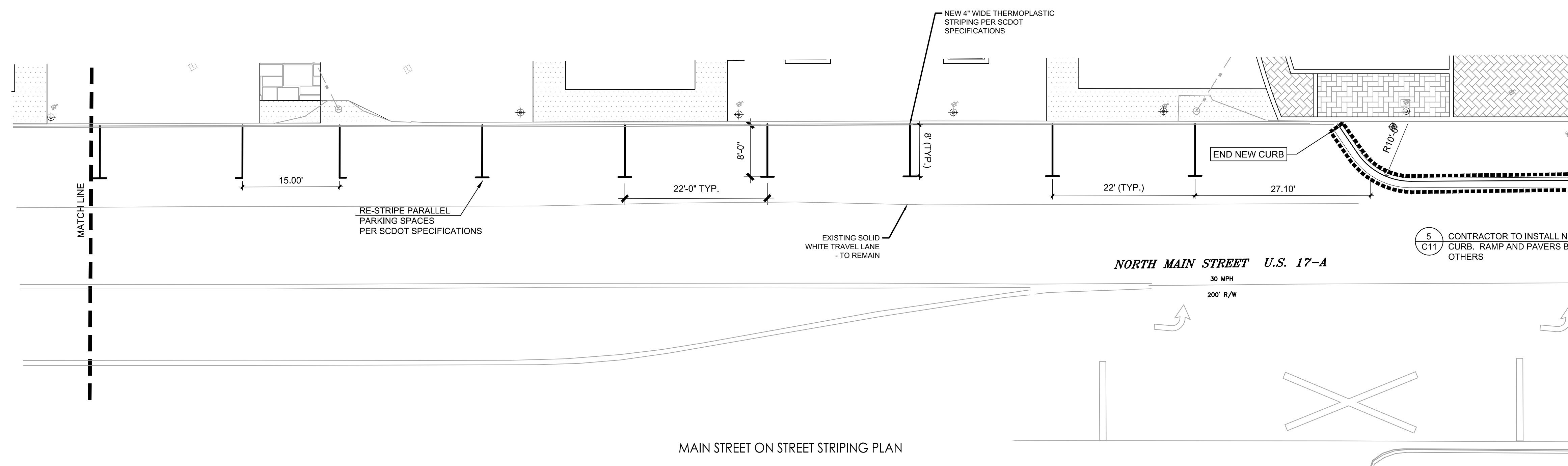
178420699 1" = 10'

Drawing No. Sheet Revision

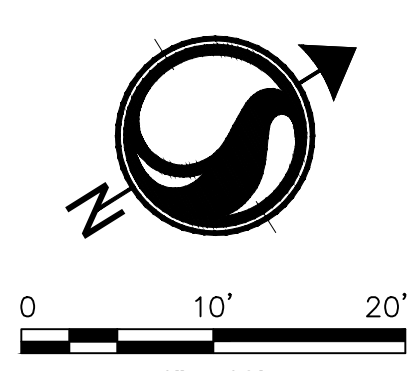
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MAIN STREET ON STREET STRIPING PLAN



MAIN STREET ON STREET STRIPING PLAN



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Know what's below.  
Call before you dig.

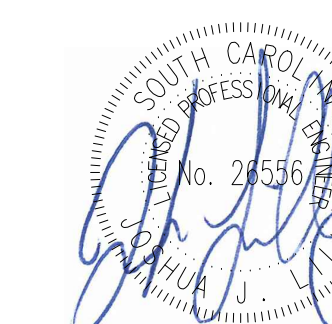
Revision By Appd. YY.MM.DD

BID DOCUMENTS KV JLL 18.01.24

Issued By Appd. YY.MM.DD

File Name: Dwn. Crkd. Dsgn. YY.MM.DD

Permit-Seal



1/24/2018

Client/Project

Town of Summerville

HUTCHINSON SQUARE IMPROVEMENTS - PHASE II  
BID SET - ROAD

Summerville, SC

Title

UTILITY RELOCATION PLAN

Project No. Scale

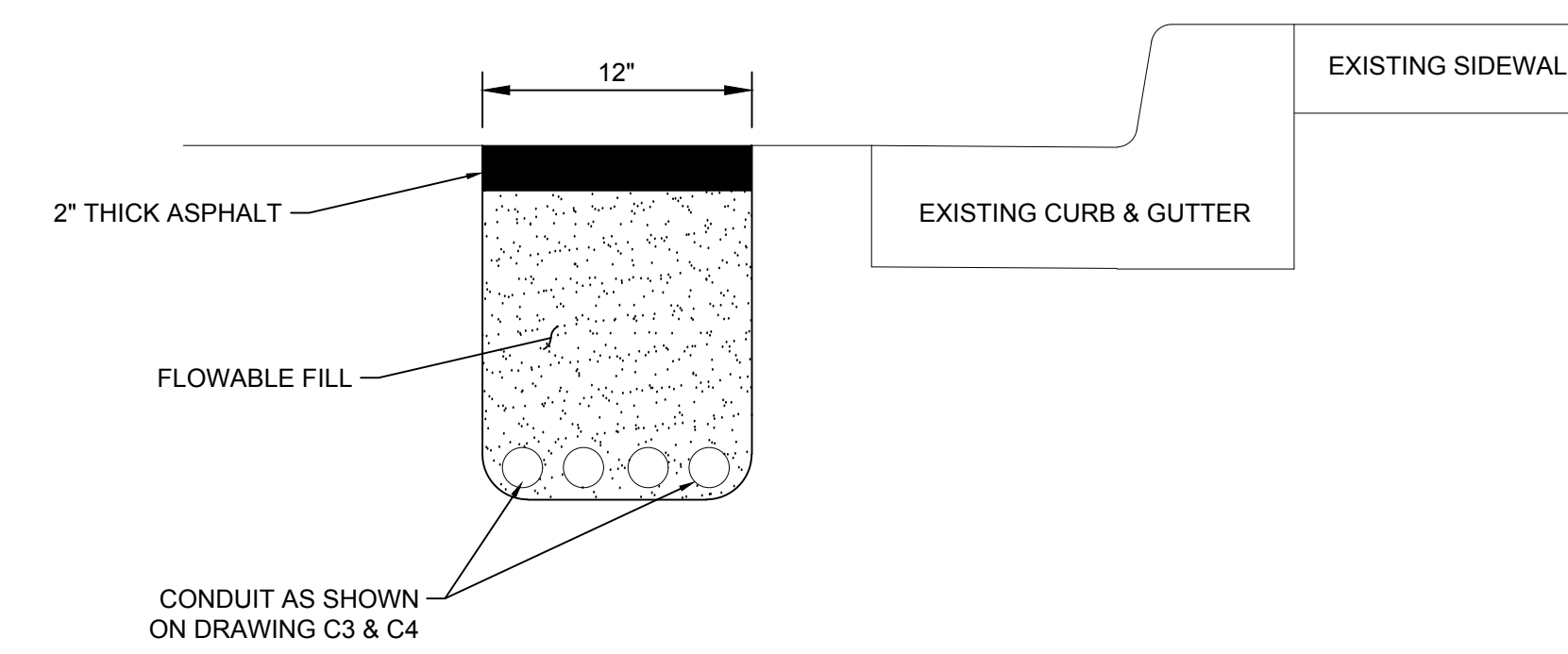
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Drawing No. Sheet Revision

C15

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TYPICAL OPEN TRENCH DETAIL  
NOT TO SCALE

**LEGEND**

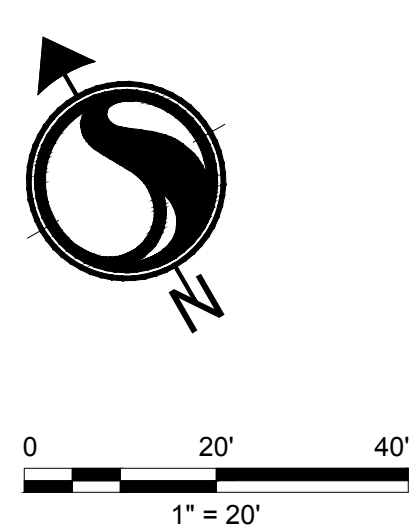
- EXISTING POWER POLE
- EXISTING STORM DRAIN
- PROPOSED OPEN CUT
- PROPOSED DIRECTIONAL DRILL
- PROPOSED NEW LIGHT POLE (BY OTHERS)
- PROPOSED NEW SINGLE PHASE TRANSFORMER
- PROPOSED COMCAST VAULT
- PROPOSED AT&T HAND HOLE
- PROPOSED AT&T PEDESTAL
- TEMPORARY HAND HOLE

**NOTES**

1. THIS PLAN IS INTENDED TO SHOW THE AREAS WHERE THE CONDUITS ARE TO BE INSTALLED BY DIRECTIONAL DRILL OR OPEN CUT.
2. ALL SCE&G CONDUITS MUST BE INSTALLED WITH THREE (3) FEET MIN. OF COVER.
3. SEE SHEET C16 FOR NUMBER AND SIZE OF CONDUITS TO BE INSTALLED.
4. COORDINATE ALL WORK WITH SCE&G, WOW ADN TIME WARNER CABLE
5. COORDINATE THE REMOVAL OF LINE WITH ALL UTILITY COMPANIES.

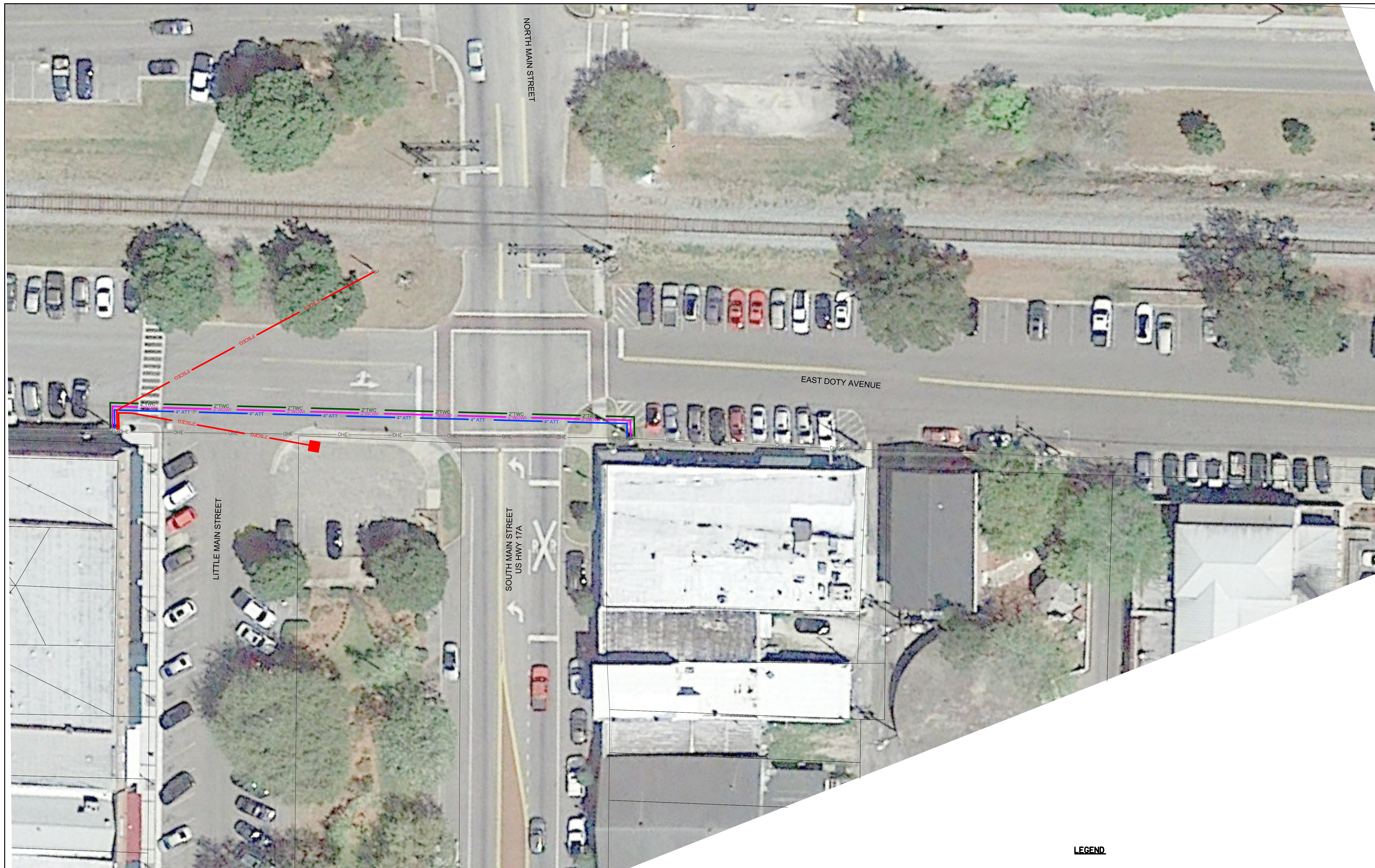
UTILITY CONTACT INFORMATION:

SCE&G RICHARD GILBERT 129 SPANIEL LANE, SUMMERVILLE SC (843) 873-4552 RGILBERT@SCANA.COM	AT&T ANDY FOLZ MGR. OSP PLANNING & ENGINEERING DESIGN+ SOUTHEAST ENGINEERING 3246 FORTUNE DRIVE, N. CHARLESTON SC (843) 552-7279 AF1896@ATT.COM	WOW HERBERT DRIGGERS (843) 614-1731	TIME WARNER MICHAEL SIZEMORE (843) 285-7621 OFFICE (843) 408-8283 CELL MICHAEL.S.SIZEMORE@CHARTER.COM
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2018/01/23 3:40 PM By: harch@stb





Revision	By	Appd.	YY.MM.DD

File Name:	Dwn.	Chkd.	Disgn.	YY.MM.DD

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Client/Project

Town of Summerville

HUTCHINSON SQUARE IMPROVEMENTS - PHASE II  
 BID SET - ROAD

Summerville, SC

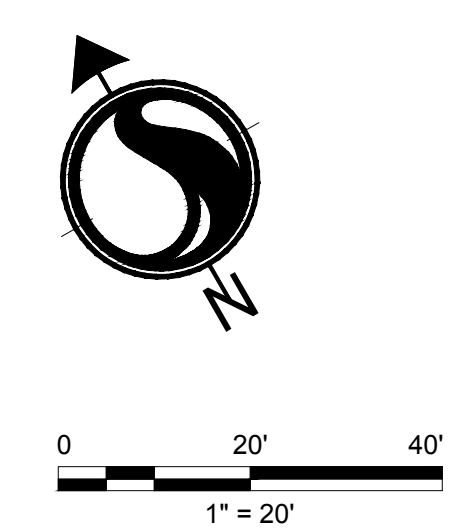
Title

UTILITY CONDUIT ROUTING SHEET

Project No.	Scale	
178420699	1" = 20'	
Drawing No.	Sheet	Revision
C16		

- LEGEND**
- EXISTING POWER POLE
  - PROPOSED OPEN CUT
  - PROPOSED DIRECTIONAL DRILL
  - PROPOSED NEW LIGHT POLE (BY OTHERS)
  - PROPOSED NEW SINGLE PHASE TRANSFORMER
  - PROPOSED COMCAST VAULT
  - PROPOSED AT&T HAND HOLE
  - PROPOSED AT&T PEDESTAL
  - SCE&G CONDUIT W/ SIZE
  - AT&T CONDUIT W/ SIZE
  - COMCAST CONDUIT W/ SIZE
  - TIME WARNER CONDUIT W/ SIZE
  - WOW TV CONDUIT W/ SIZE

- NOTES:**
- THIS PLAN IS INTENDED TO SHOW THE AREAS WHERE THE CONDUITS ARE TO BE INSTALLED BY DIRECTIONAL DRILL OR OPEN CUT.
  - ALL SCE&G CONDUITS MUST BE INSTALLED WITH THREE (3) FEET MIN. OF COVER.



UTILITY CONTACT INFORMATION:			
SCE&G RICHARD GILBERT 129 SPANIEL LANE, SUMMERVILLE SC (843) 873-4552 RGILBERT@SCANA.COM	AT&T ANDY FOLZ MGR. OSP PLANNING & ENGINEERING DESIGN+ SOUTHEAST ENGINEERING 3246 FORTUNE DRIVE, N. CHARLESTON SC (843) 552-7279 AF1896@ATT.COM	WOW HERBERT DRIGGERS (843) 614-1731	TIME WARNER MICHAEL SIZEMORE (843) 285-7621 OFFICE (843) 408-8283 CELL MICHAEL.S.SIZEMORE@CHARTER.COM

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 2018/01/23 3:46 PM By: rchrisco

