

ORDINANCE NO.: 2021-075

Granting an encroachment to the University of South Carolina for the use of the right of way area of the 1300 block of Barnwell Street for the installation and maintenance of a concrete sidewalk adjacent to 1307 Barnwell Street, Richland County TMS#11402-09-01

WHEREAS, the University of South Carolina (hereinafter "Grantee") desires to utilize a portion of the right of way area of the 1300 block of Barnwell Street for the installation and maintenance of a concrete sidewalk adjacent to 1307 Barnwell Street, as shown on the attached drawings; and,

WHEREAS, it appears that the encroachment will not interfere with the use of the medians or street for traffic, utility locations or other uses within the foreseeable future; NOW, THEREFORE,

BE IT ORDAINED by the Mayor and City Council of the City of Columbia, South Carolina, this 21st day of December, 2021, that Grantee is hereby granted the right to use the right of way areas of the 1300 block of Barnwell Street adjacent to 1307 Barnwell Street, Richland County TMS#11402-09-01, for the installation and maintenance of a concrete sidewalk measuring approximately five (5') feet in width three hundred eighty-one (381') feet in length, as shown on the attached drawings.

PROVIDED FURTHER that all work shall comply with the requirements of The City of Columbia, South Carolina Department of Transportation (SCDOT) and Federal Emergency Management Agency (FEMA) now in existence or hereafter enacted. The materials and type of finish to be used are to be approved by the City Engineer prior to installation. Any damage to the street or sidewalk caused by Grantee's construction shall be repaired to the satisfaction of the City Manager. Improvements within the encroachment shall be maintained by the grantee at no cost to the City in a manner approved by the City Manager; and,

PROVIDED further that in the event the City has to make repairs or maintain utility lines located within the encroachment area the City will replace any items removed for the utility repair or maintenance with like items to those removed; and,

PROVIDED FURTHER that the privilege granted hereby may be modified or terminated by Columbia City Council at any time without notice to the Grantee, its successors and assigns; and,

PROVIDED FURTHER that the privilege granted hereby is subject to the Grantee complying with the following conditions, restrictions or limitations:

1. No item, including landscaping, shall be placed, planted or allowed to grow such that it creates a visual impediment to persons safely entering or exiting the driveway or to persons safely walking along the sidewalk. The City reserves the right to remove or cut any item located within the right of way which it deems to be a safety hazard.

2. Grantee is responsible for all maintenance and assuring that all accessibility and ADA requirements are met and maintained.

3. Grantee is responsible for maintaining landscaping and improvements.

4. Irrigation must be designed to avoid spraying walkways, sidewalks and streets and/or creating hazardous conditions upon the walkways, sidewalks and streets.

5. Obstructions of more than be four (4') feet in height are prohibited within the sight-visibility triangle.

6. Forestry and Beautification shall be provided access to trees within the right of way for maintenance purposes.

7. All trees shall be protected and no large tree roots shall be removed from any existing trees.

BE IT FURTHER ORDAINED that Grantee, in consideration of the above privilege, shall at its expense provide for protection and relocation of all utilities that might be within this area to the satisfaction of the City Manager.

Requested by:

Assistant City Manager Gentry



Mayor

Approved by:



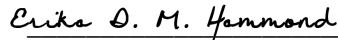
City Manager

Approved as to form:

ATTEST:



City Attorney



City Clerk

Introduced: 12/7/2021

Final Reading: 12/21/2021

**CITY COUNCIL
ENCROACHMENT SUMMARY
2021-075**



**1300 BLOCK OF BARNWELL STREET
ADJACENT TO 1307 BARNWELL STREET
SIDEWALK**

Subject Property:	Right-of-way adjacent to 1307 Barnwell Street
Council District:	2
Proposal:	The applicant is requesting an encroachment for installation and maintenance of a sidewalk
Applicant:	University of South Carolina
Staff Recommendation:	Approval.

Detail:	<p>The applicant is requesting an encroachment for installation and maintenance of a concrete sidewalk measuring approximately five (5') feet in width three hundred eighty-one (381') feet in length, as shown on the attached drawings; and,</p> <p>Conditions of the proposed encroachment are as follows:</p> <ol style="list-style-type: none"> 1. No item, including landscaping, shall be placed, planted or allowed to grow such that it creates a visual impediment to persons safely entering or exiting the driveway or to persons safely walking along the sidewalk. The City reserves the right to remove or cut any item located within the right of way which it deems to be a safety hazard. 2. Grantee is responsible for all maintenance and assuring that all accessibility and ADA requirements are met and maintained. 3. Grantee is responsible for maintaining landscaping and improvements. 4. Irrigation must be designed to avoid spraying walkways, sidewalks and streets and/or creating hazardous conditions upon the walkways, sidewalks and streets. 5. Obstructions of more than be four (4') feet in height are prohibited within the sight-visibility triangle. 6. Forestry and Beautification shall be provided access to trees within the right of way for maintenance purposes. 7. All trees shall be protected and no large tree roots shall be removed from any existing trees.
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CITY AGENCY COMMENTS FOR ENCROACHMENT

Lucinda Statler, Planning Department	Recommend approval.
Robert Anderson, Street Division	Recommend approval.
Denny Daniels, Columbia Water Engineering	Recommend approval.

Andrew Ritter, Traffic Engineering	Recommend approval.
Caleb King, Forestry Division	Recommend approval.
Johnathan Chambers, Land Development	Recommend approval.
Kris Scott, Fire Department	Recommend approval.

City of Columbia

UofSC Sidewalks



Tuesday, August 3, 2021



CITY OF COLUMBIA GIS DATA DISCLAIMER

The City of Columbia GIS data represented on this map or plan is the product of compilation, as produced by others. It is provided for informational purposes only and the City of Columbia makes no representation as to its accuracy. Its use without field verification is at the sole risk of the user.



There shall be no excavation of soil nearer than two feet of any public utility line or appurtenant facility except with the consent of the owner thereof, or except upon special permission of this Department. A bond in the amount of \$ 0.00 shall be posted with the City Treasurer prior to commencement of work authorized herein.

GENERAL SPECIFICATIONS

1. NOTICE PRIOR TO STARTING WORK: Before starting the work contemplated herein within the limits of the street right-of-way, City Engineer shall be notified sufficiently in advance so that he or his representative may be present while work is under way.
2. PERMIT SUBJECT TO INSPECTION: This permit shall be kept at the site of the work at all times while said work is under way and must be shown to any representative of the City of Columbia.
3. PROTECTION OF STREET TRAFFIC: Adequate provisions shall be made for the protection of the traffic at all times. Necessary detours, barricades, warning signs and watchmen shall be provided by and at the expense of the permittee. The work shall be planned and carried out so that there will be the least possible inconvenience to the traffic. The permittee agrees to observe all rules and regulations of the State, County, and City while carrying on the work contemplated herein and take all other precautions that circumstances warrant.
4. STANDARDS OF CONSTRUCTION: All work shall conform to recognized standards of construction and shall be performed in a workmanlike manner. Adequate provisions shall be made for maintaining the proper drainage of the street. All work shall be subject to the supervision and satisfaction of the Engineering Department.
5. FUTURE MOVING OF ENCROACHMENT: If, in the opinion of the City, it should ever become necessary to move or remove the encroachment, or any part thereof, contemplated herein, on account of change in location of the street, widening of the street, or for any other sufficient reason, such moving or removing shall be done on demand of the City of Columbia at the expense of the permittee.
6. RESTORATION OF STREET FACILITIES UPON MOVING OR REMOVING OF ENCROACHMENT: If, and when, the encroachment contemplated herein shall be moved or removed, either on the demand of the City or at the option of the permittee, the street and facilities shall immediately be restored to their original condition at the expense of the permittee.
7. COSTS: All work in connection with the construction, maintenance, moving or removing of the encroachment contemplated herein shall be done by and at the expense of the permittee.
8. PERMITTEE: The word "Permittee" used herein shall mean the name of the person, firm, or corporation to whom this permit is addressed, his, her, its, heirs, successors and assigns.
9. PERMISSION OF ABUTTING PROPERTY OWNERS: It is distinctly understood that this permit does not in any wise grant or release any rights lawfully possessed by the abutting property owners. Any such right necessary shall be secured from said abutting property owners by the permittee.
10. PIPES, CONDUITS, ETC.: All piping placed within the paved area, both parallel and/or perpendicular to paving, shall be installed in accordance with Ordinance of City Council Relating to Installation of Utility Lines in City Streets.
 - a. Service and other small diameter pipes shall be jacked, driven, or otherwise forced underneath the pavements on any surfaced road without disturbing said pavement. No pavement shall be cut unless specifically authorized herein.
 - b. Tunnelling shall not be permitted except on major work and as may be specifically authorized herein.
 - c. No excavation shall be made nearer than three feet to the edge of the pavement on any hard surfaced road unless specifically authorized herein and all trenches or tunnels within the limits of the street right-of-way shall be backfilled, and thoroughly tamped in layers not greater than six inches in thickness.
 - d. The section of pipe, of service and other small pipes, under the street pavement and within a distance of two feet on either side shall be continuous and without joints.
 - e. Unless specifically authorized herein all pipes and conduits under the street shall be placed at approximately right angles to the center line of the street and at least two feet below the surface of the street.
 - f. Pipes and utilities paralleling the street shall be located at a distance beyond the edge of the street surfacing and at a depth as specifically stipulated herein.



CITY OF COLUMBIA
DEPARTMENT OF ENGINEERING
APPLICATION FOR ENCROACHMENT PERMIT

PERMIT #
DATE:

Name of Applicant: University of South Carolina (c/o Pete Fisher)
Email Address of Applicant: PFisher@email.sc.edu
Telephone Number of Applicant: (803) 777-9675
Mailing Address of Applicant: 1300 Pickens Street, Columbia, SC 29208

Project Reference: Barnwell Lot Sidewalk Addition

The undersigned applicant hereby applies to the City of Columbia for permit for encroachment on Street Right-of-way as shown by sketch plan below. (Include description of work and method of execution proposed; attach additional sheets if necessary.)

SKETCH PLAN

The University of South Carolina is proposing the addition of sidewalk along the front of the Barnwell Lot. This will connect the bus stop to the existing sidewalk on Barnwell Street towards Gervais Street. The Barnwell Lot is located on Barnwell St, between Washington Street & Gervais Street in Columbia, SC 29201.

See Included Site Plan for Details

Peter L. Fisher

Signature of Applicant

ENCROACHMENT PERMIT

In compliance with your request and subject to all the provisions, terms, conditions and restrictions written herein, including Ordinance of City Council defining the Privileges of Use of Streets, and Ordinance Relating to Installation of Utility Lines in City Streets, and in accordance with regulations and specifications of the City of Columbia, you are Hereby Authorized and Permitted to:

APPROVED BY

DATE

This permit shall not become operative until a written acceptance of same by permittee shall have been received by the City of Columbia and further shall become null and void unless the work contemplated herein shall have been completed prior to: _____.

The undersigned permittee accepts the permit herein granted and agrees to comply with all the provisions, terms, conditions and restrictions set out herein. The undersigned permittee does hereby further agree to assume, hold harmless and fully indemnify the City of Columbia from and against any claims, demands, actions, liens, judgments or any other liability of any nature whatsoever arising from, as a result of or caused by the installation, construction, maintenance, use, moving or removing the encroachment permitted herein or by reason of the past, present or future existence of the said encroachment by any person or entity, including but not limited to any act or failure to act or carelessness or negligence by the City of Columbia or its employees. These obligations are binding upon the undersigned permittee and the permittee's heirs, successors and assigns as the case may be and shall survive the expiration of the encroachment permit, if any.

SPECIAL PROVISIONS

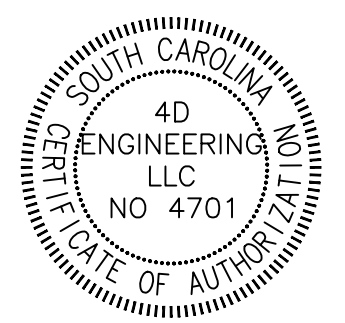
(In case of conflict between Special Provisions and General Specifications, Special Provisions shall govern.)

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SITE IMPROVEMENTS FOR BARNWELL LOT SIDEWALK ADDITION LOCATED IN COLUMBIA, SC

PREPARED FOR
UNIVERSITY OF SOUTH CAROLINA
PREPARED BY
4D ENGINEERING

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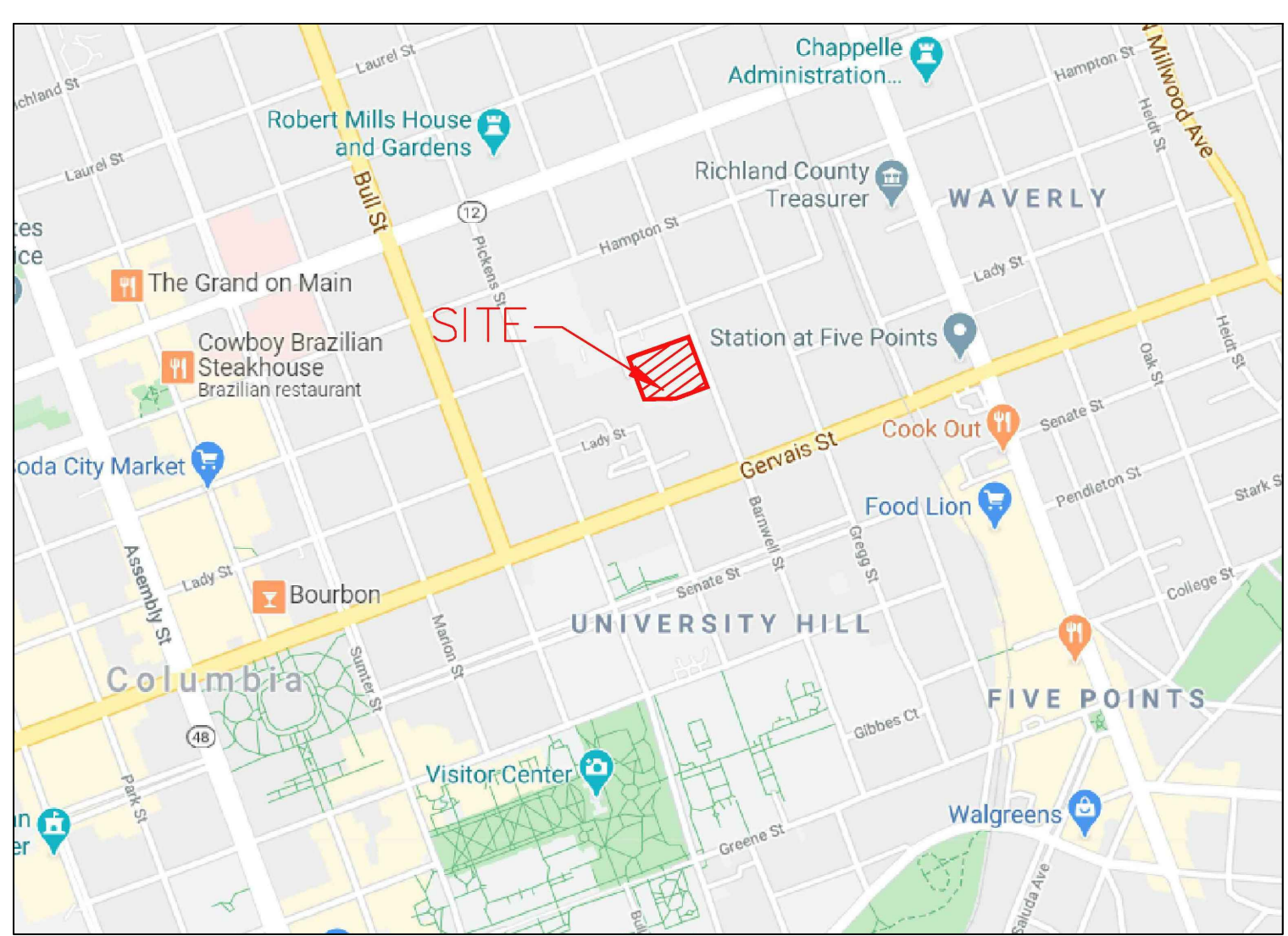


REVISIONS		
#	DESCRIPTION	DATE

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PROJECT
BARNWELL LOT
SIDEWALK ADDITION
IN
COLUMBIA, SC

LOCATION MAP



SCALE: 1"=1,000'

DRAWING INDEX

- C0 - COVER
- C1 - EXISTING CONDITIONS & DEMOLITION PLAN
- C2 - SITE LAYOUT PLAN
- C3 - GRADING & STORM DRAINAGE PLAN
- C4 - CONSTRUCTION DETAILS

3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA
CALL 1-888-721-7877
Palmetto Utility Protection Service

OWNER/DEVELOPER:
UNIVERSITY OF SOUTH CAROLINA
1300 PICKENS STREET
COLUMBIA, SC 29208
(803) 777-9675
PFISHER@EMAIL.SC.EDU

ENGINEER:
4D ENGINEERING LLC
603 S LAKE DRIVE
LEXINGTON, SC 29072
(803) 356-0909
4DENGR@4DENGR.COM

SCALE: NTS
PROJ NO: 20020
C0
JULY 27, 2021

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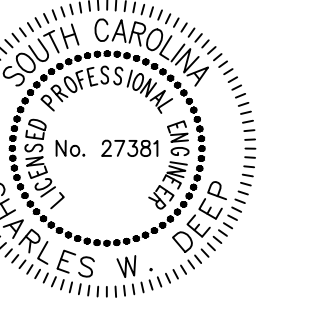
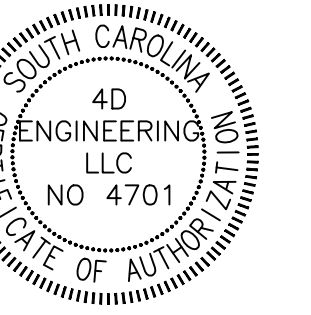
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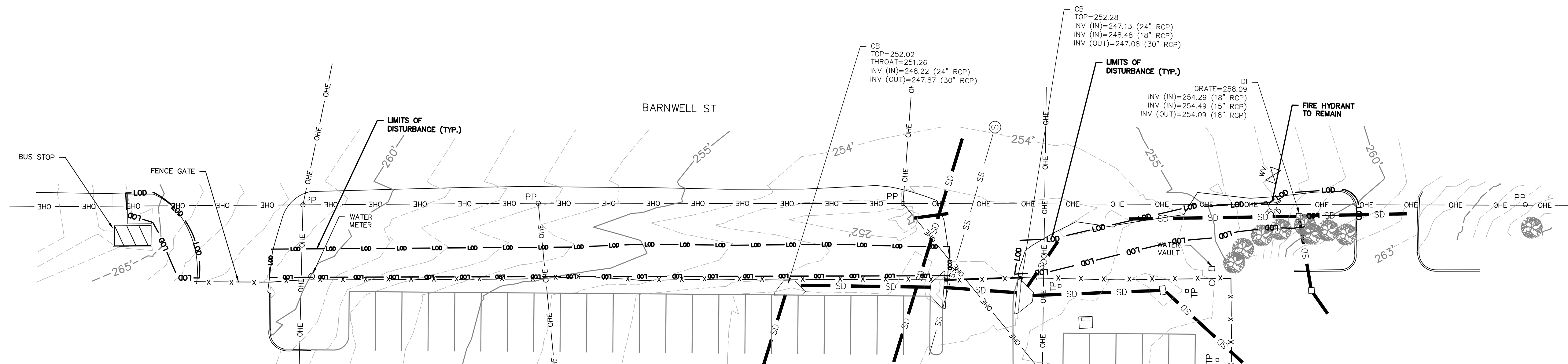
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SITE INFORMATION:

1. DISTURBED AREA: 0.09 ACRES



REVISIONS

#	DESCRIPTION	DATE

SHEET
**EXISTING CONDITIONS &
DEMOLITION PLAN**

PROJECT
**BARNWELL LOT
SIDEWALK ADDITION
IN
COLUMBIA, SC**

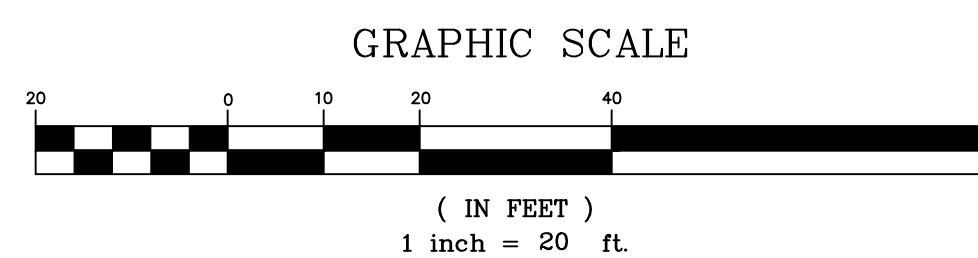
SCALE: 1"=20'

PROJ NO: 20020

C1

JULY 27, 2021

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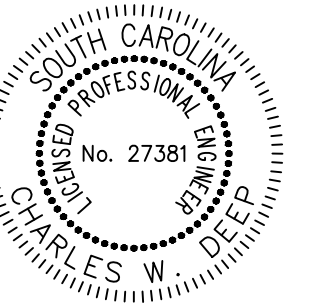
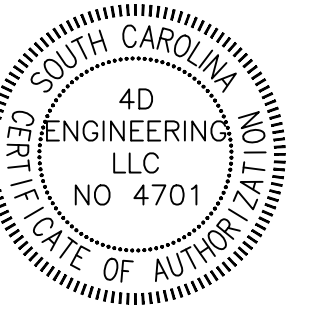
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REVISIONS

#	DESCRIPTION	DATE



SHEET
SITE LAYOUT PLAN

PROJECT
**BARNWELL LOT
SIDEWALK ADDITION
IN
COLUMBIA, SC**

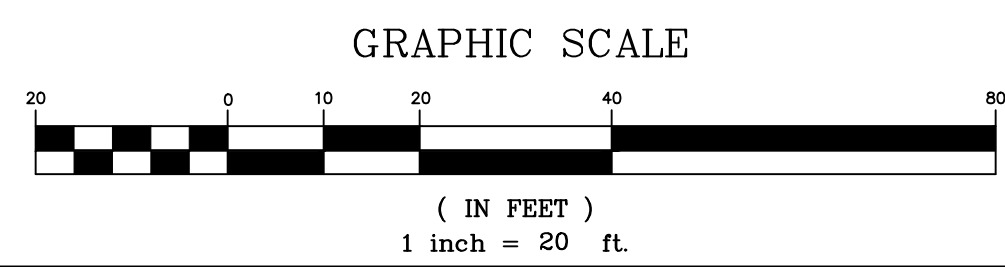
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PROJ NO: 20020

C2

JULY 27, 2021

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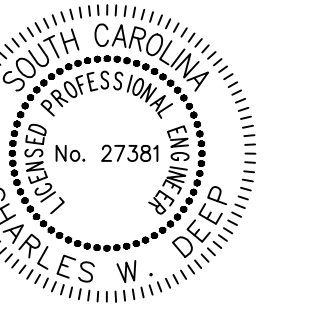
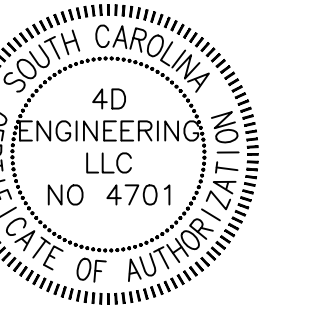
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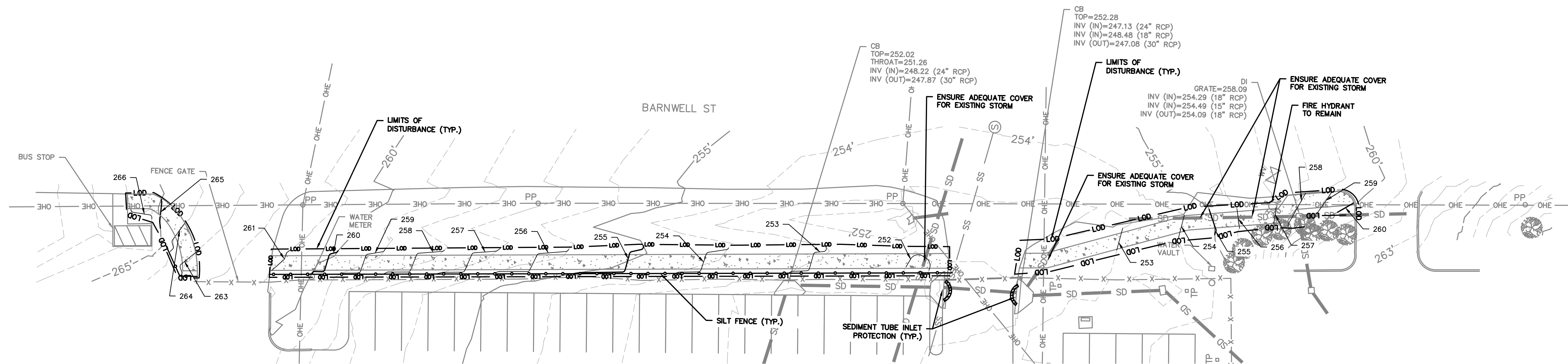
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SITE INFORMATION:

1. DISTURBED AREA: 0.09 ACRES



REVISIONS

#	DESCRIPTION	DATE

SHEET
GRADING & STORM
DRAINAGE PLAN

PROJECT
BARNWELL LOT
SIDEWALK ADDITION
IN
COLUMBIA, SC

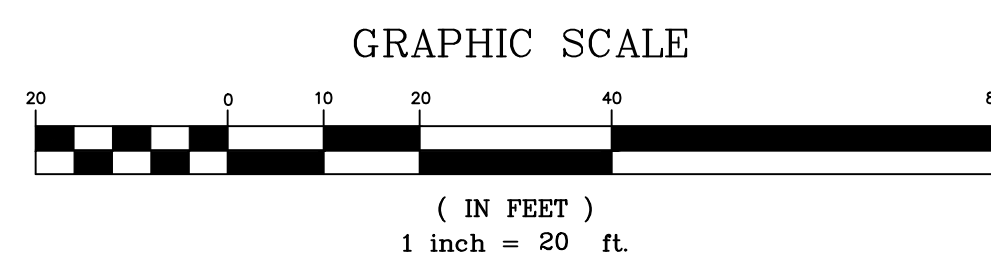
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PROJ NO: 20020

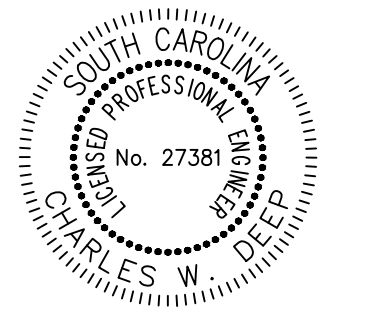
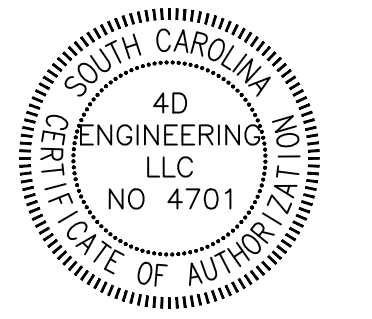
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JULY 27, 2021

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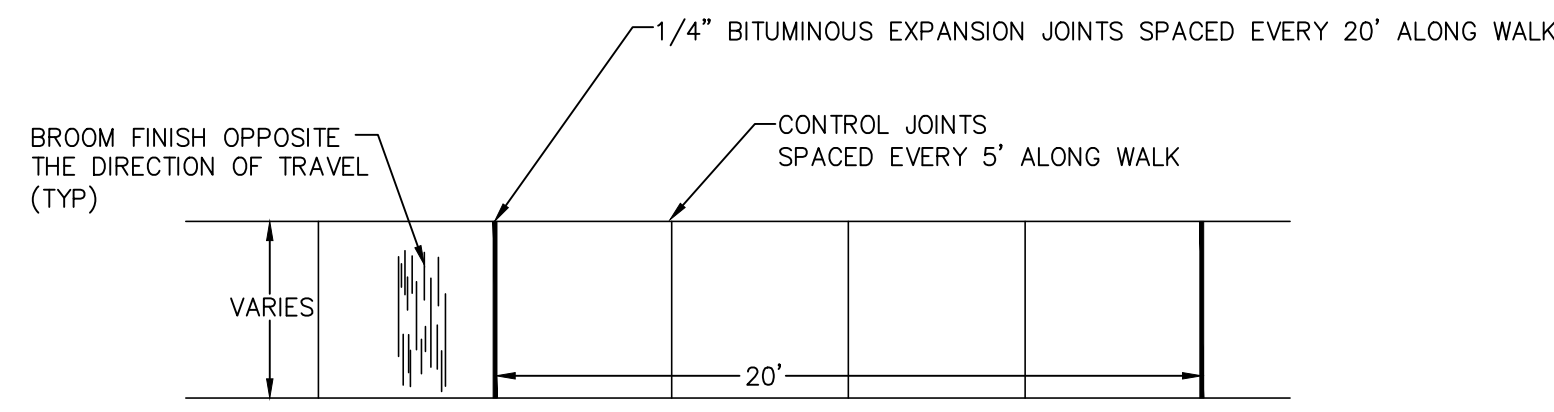
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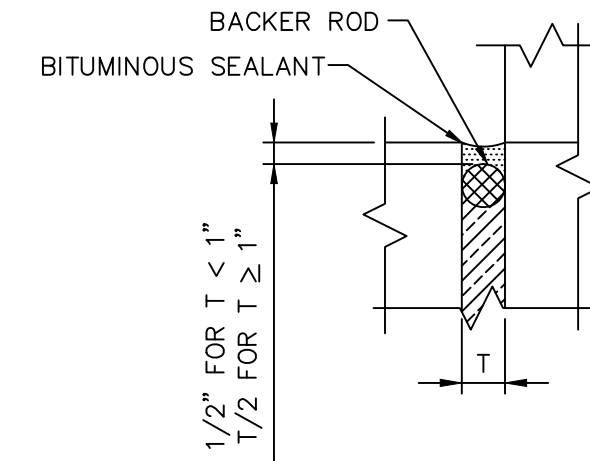
SHEET
 CONSTRUCTION DETAILS

PROJECT
 BARNWELL LOT
 SIDEWALK ADDITION
 IN
 COLUMBIA, SC



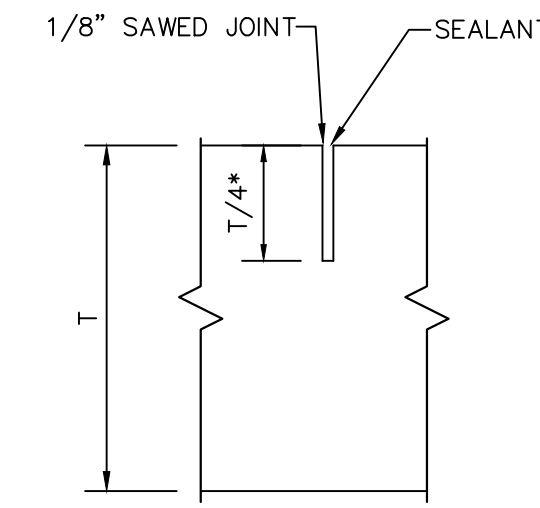
- NOTES:**
- SLOPE SIDEWALKS AWAY FROM BUILDINGS AT 2% MAX CROSS SLOPE. MAXIMUM SLOPE ALONG SIDEWALK IS 5%.
 - PROVIDE 1/4" BITUMINOUS EXPANSION JOINTS BETWEEN EXISTING SIDEWALK.
 - DOUBLE SIZE OF EXPANSION JOINT WHEN ADJACENT TO A STRUCTURE.
 - SEE EXPANSION AND CONTROL JOINT DETAILS FOR ADDITIONAL REQUIREMENTS.

SIDEWALK FINISHING DETAIL
 NOT TO SCALE



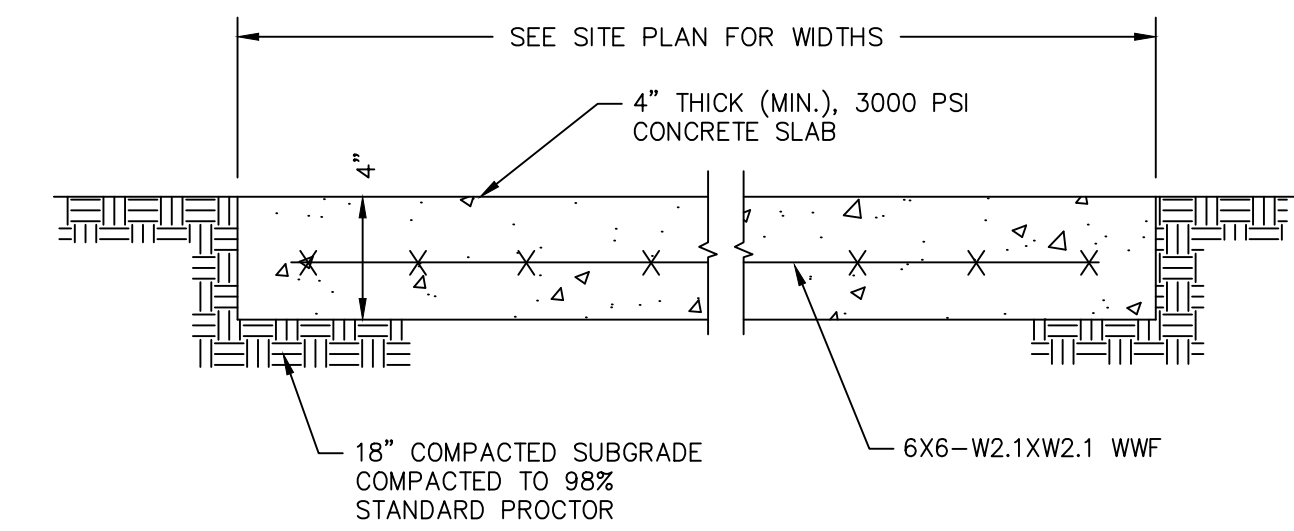
- NOTES:**
- PROVIDE 1/4" BITUMINOUS EXPANSION JOINTS AS REQUIRED OR AS SHOWN ON PLANS AND 1/2" BITUMINOUS EXPANSION JOINTS AT ALL LOCATIONS WHERE CONCRETE PAVEMENT IS ADJACENT TO BUILDING SLAB.

EXPANSION JOINT DETAIL
 NOT TO SCALE



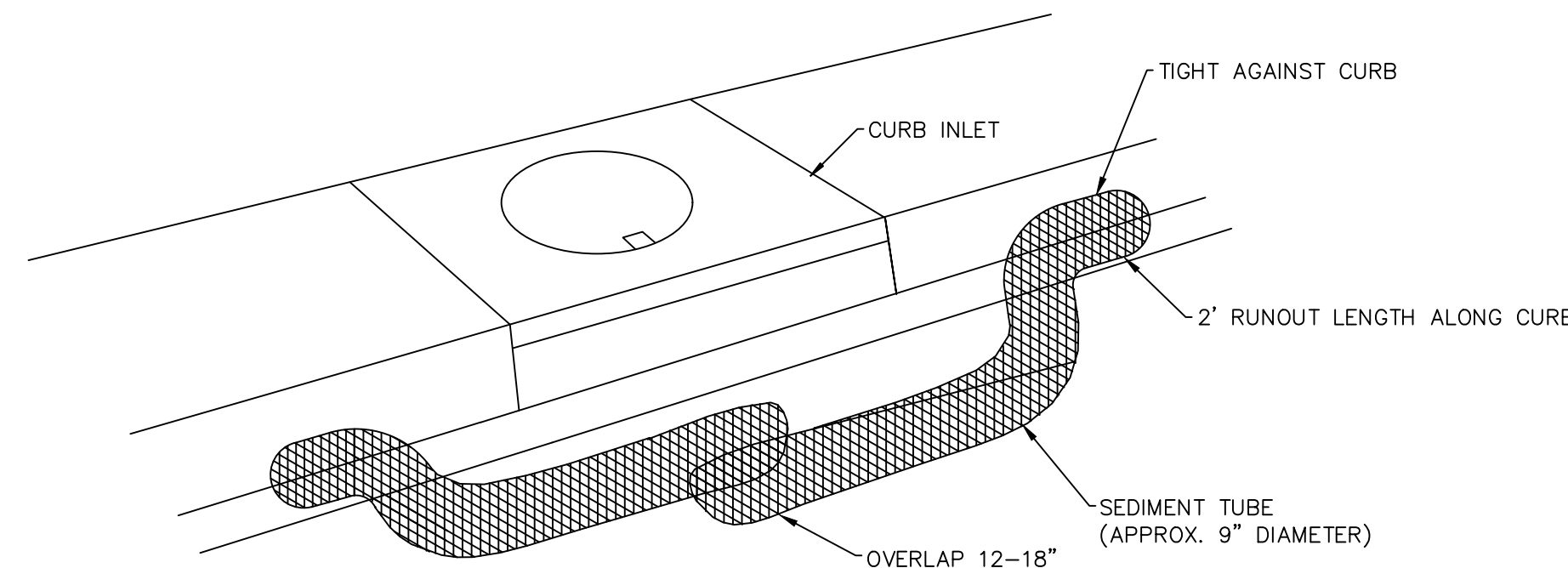
- NOTES:**
- JOINTS SHALL BE EVERY 5' IN BOTH DIRECTIONS.
 - MINIMUM JOINT DEPTH = 1"

CONTROL JOINT DETAIL
 NOT TO SCALE



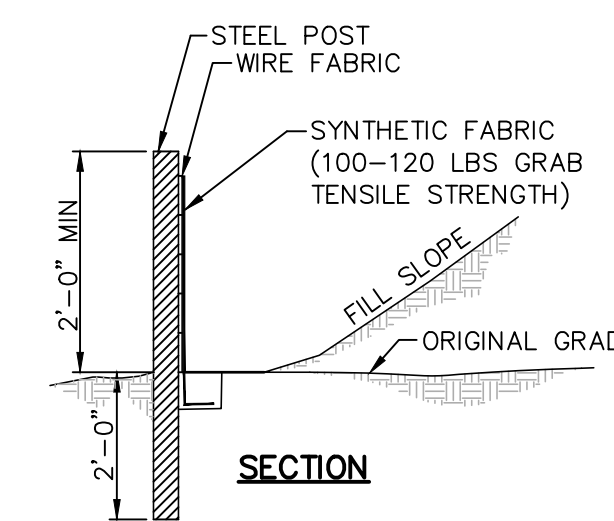
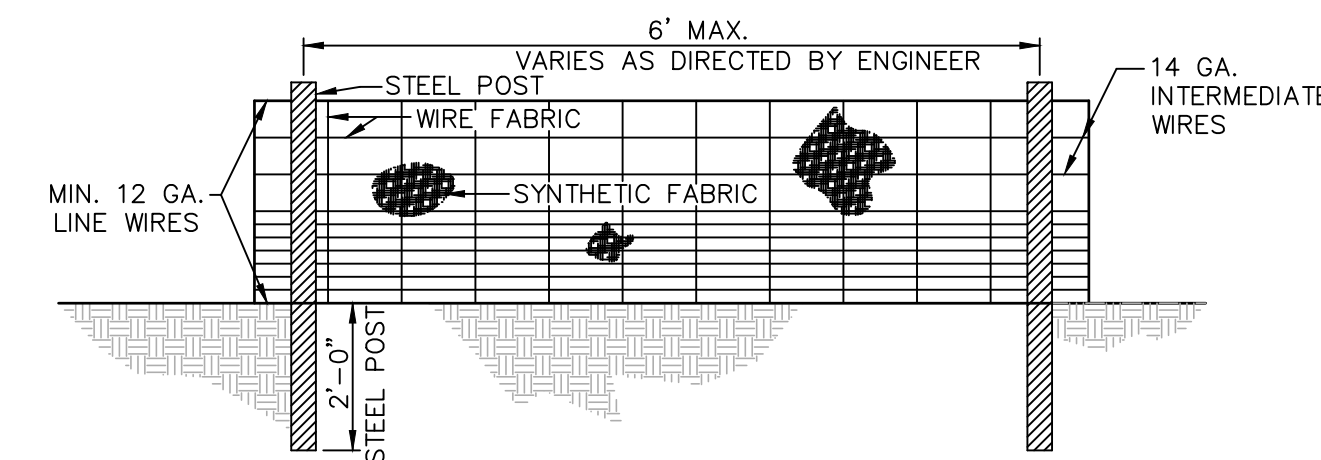
- NOTE:**
- THICKEN CONCRETE SECTION TO 6" THICK FOR THE LAST 8" WHERE CONCRETE IS ADJACENT TO CURB LINE, BUILDING, OR EDGE OF PAVEMENT.

CONCRETE SIDEWALK SECTION
 NOT TO SCALE



- NOTES:**
- APPROVED SEDIMENT TUBES ARE 'TERRA TUBES' AND 'EROSION EEL'. CONTRACTOR SHALL SUBMIT ANY OTHER SEDIMENT TUBES TO ENGINEER FOR APPROVAL BEFORE USE.
 - PLACE AN ADEQUATE NUMBER OF SEDIMENT TUBES AROUND AN INLET TO PROVIDE COMPLETE PROTECTION. LEAVE APPROXIMATELY 3"-6" BETWEEN THE SEDIMENT TUBE AND THE INLET OR GRATE.
 - ENDS SHOULD OVERLAP 12-18 INCHES. SIDES SHOULD BE PRESSED TIGHTLY TO CURB.
 - USE SMALL ROCK BAGS TO HOLD TUBES IN PLACE IN PAVED AREAS. USE WOOD STAKES TO SECURE TUBES IN PLACE IN UNPAVED AREAS.
 - INSPECT INLET PROTECTION DEVICE BEFORE AND AFTER RAIN EVENTS, AND WEEKLY THROUGHOUT THE RAINY SEASON. DURING EXTENDED RAIN EVENTS, INSPECT AT LEAST ONCE EVERY 24 HOURS.
 - REMOVE AND PROPERLY DISPOSE OF ACCUMULATED SILT AND DEBRIS TO ALLOW FOR PROPER FUNCTION OF DEVICE.
 - COMPLY WITH ALL MANUFACTURERS SPECIFICATIONS AND INSTRUCTIONS.

SEDIMENT TUBE INLET PROTECTION DETAIL
 NOT TO SCALE



- ELEVATION**
- NOTES:**
- FENCE FABRIC SHALL BE A MINIMUM OF 24" IN WIDTH ABOVE GRADE AND SHALL HAVE A MINIMUM OF 6 LINE WIRES WITH 12" STAY SPACING.
 - SYNTHETIC FABRIC SHALL BE FROM THE SCODOT APPROVED LIST OF MATERIALS.
 - STEEL POSTS SHALL BE 5'-0" IN HEIGHT AND BE OF THE SELF-FASTENER ANGLE STEEL TYPE.
 - CONTRACTOR SHALL PERFORM INSPECTION AND MAINTENANCE OF SILT FENCES WEEKLY AND FOLLOWING ALL SIGNIFICANT RAINFALL EVENTS, INSURING FENCES ARE ERECT AND CLEAR, AND REPLACING ALL TORN FENCING.
 - SILT FENCE SHALL BE CLEANED OR REPLACED WHEN SILT ACCUMULATION REACHES 1/3 THE HEIGHT OF THE FENCE.
 - FOR DOUBLE ROW SILT FENCE SPACE ADJACENT FENCES 3 FT. APART SO THAT SEDIMENT CAN BE REMOVED FROM BETWEEN THE FENCES.

SILT FENCE WITH WIRE FABRIC DETAIL
 NOT TO SCALE