

ORDINANCE NO. 2013-101

Granting encroachment to the University of South Carolina for use of the right of way area of the 800 block of Sumter Street, Richland County TMS #11304-05-01, adjacent to the USC Arnold School of Health for installation and maintenance of stamped asphalt pavement, concrete curbing, driveway and brick wall

WHEREAS, the University of South Carolina (hereinafter "Grantee") desires to use a portion of the right of way area of the 800 block of Sumter Street and 1300 block of Greene Street adjacent to the west and south sides of the Arnold School of Health for installation and maintenance of stamped asphalt pavement approximately twelve (12') feet in width and twenty-five (25') feet in length, concrete curbing approximately thirty (30') feet in length and two (2') feet in width, reconstruction, realignment and repaving of a driveway approximately thirty-two (32') feet in length and sixty (60') feet in width, and a brick wall approximately two hundred thirty (230') feet in length and eight (8') feet in height, 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 ___ day of _____, that Grantee is hereby granted the right to use the right of way area of the 800 block of Sumter Street and 1300 block of Greene Street adjacent to the west and south sides of the Arnold School of Health for installation and maintenance of stamped asphalt pavement approximately twelve (12') feet in width and twenty-five (25') feet in length, concrete curbing approximately thirty (30') feet in length and two (2') feet in width, reconstruction, realignment and repaving of a driveway approximately thirty-two (32') feet in length and sixty (60') feet in width, and a brick wall approximately two hundred thirty (230') feet in length and eight (8') feet in height, as shown on the attached drawings.

ALL WORK SHALL COMPLY with the requirements of The City of Columbia and South Carolina Department of Transportation 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 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.

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

1. All trees shall be protected;
2. Grantee is responsible for all maintenance and assuring that all accessibility and ADA requirements are met and maintained.
3. Grantee is to coordinate existing and proposed crosswalks, ramps and curb cuts to insure proper alignment.

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.

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:

University of South Carolina

MAYOR

Approved by:

City Manager

Approved as to form:



City Attorney

ATTEST:

City Clerk

Introduced:

Final Reading:

**CITY COUNCIL
ENCROACHMENT SUMMARY
2012-101**



**800 BLOCK OF SUMTER STREET
ADJACENT TO USC ARNOLD SCHOOL OF HEALTH
STAMPED ASPHALT PAVEMENT, CONCRETE CURBING,
DRIVEWAY AND BRICK WALL**

Subject Property:	Right-of-way adjacent to Arnold School of Health, 800 Block of Sumter Street, TMS#11304-05-01
Council District:	3
Proposal:	The applicant is requesting an encroachment for installation and maintenance of stamped asphalt pavement, concrete curb, driveway and brick wall
Applicant:	University of South Carolina
Staff Recommendation:	Approval

Detail:	<p>The applicant is requesting an encroachment for installation and maintenance of stamped asphalt pavement approximately twelve (12') feet in width and twenty-five (25') feet in length, concrete curbing approximately thirty (30') feet in length and two (2') feet in width, reconstruction, realignment and repaving of a driveway approximately thirty-two (32') feet in length and sixty (60') feet in width, and a brick wall approximately two hundred thirty (230') feet in length and eight (8') feet in height, as shown on the attached drawings.</p> <p>Conditions of the proposed encroachment are as follows:</p> <ol style="list-style-type: none"> 1. All trees shall be protected; 2. Grantee is responsible for all maintenance and assuring that all accessibility and ADA requirements are met and maintained. 3. Grantee is to coordinate existing and proposed crosswalks, ramps and curb cuts to insure proper alignment.
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CITY AGENCY COMMENTS FOR ENCROACHMENT

Planning & Development Services	Recommend approval.
Streets	Recommend approval.
Utilities and Engineering	Recommend approval.
Traffic Engineering	Recommend approval.
Forestry	Recommend approval. Request notification of when the soil improvements on Sumter Street start.
Land Development	Recommend approval.
Fire	Recommend approval.

REQUEST FOR AN ENCROACHMENT ORDINANCE

For a continuing encroachment on any type of property in which the City has an interest (i.e., rights of way, tree zone, sidewalk, streets), the person or entity is required to have an encroachment ordinance enacted by City Council permitting the encroachment. Encroachment ordinances are required for but not limited to: irrigation systems; landscaping; fencing; walls; pavers; walkways; outdoor dining items (chairs, tables, umbrellas, etc.); awnings; bollards and directional signs (i.e., churches) *Business signs are NOT permitted via an encroachment. An encroachment must comply with all existing City codes, rules and regulations, the Americans with Disabilities Act, if applicable, and is subject to review and approval by City staff. Enactment of the encroachment ordinance by a majority vote of City Council, which is a discretionary legislative act, is also required. In order to obtain an encroachment ordinance from the City of Columbia, it will be necessary for the City of Columbia to be named as an additional insured on your homeowners' policy with limits being increased to \$600,000 as required by Sec. 11-71. It is recommended that you contact your insurance provider to determine if it will name the City of Columbia as an additional insured prior to submitting your request for an encroachment ordinance. If you have any questions concerning these requirements, please contact Chip Timmons with Risk Management.*

Please complete and submit this form along with any attachment(s) to Shari Ardis by e-mail at slardis@columbiasc.net ; fax at 803-737-4250; or mail to Shari Ardis, Legal Department, POB 147 Columbia, SC 29217, for preparation of an encroachment ordinance. Copies to City departments should be directed to the contact person for that department as shown below and not through the Legal Department. Chip Timmons with Risk Management (343-8778 or catimmons@columbiasc.net) should be contacted regarding the insurance requirements.

Date: 03/18/10 Property Owner: University of South Carolina

Applicant's Name if different from Property Owner: Ms. Ann Derrick

Contact Information: Telephone Number: 803-777-5811 Fax Number: 803-777-7334

Mailing address: 743 Greene Street, Columbia SC 29204 E-mail address: ADERRICK@fmc.sc.edu

Encroachment Location (Address): 800 Sumter Street

(If corner lot, include name and block number of side street, i.e., 1737 Main Street and 1100 block of Laurel Street)

Tax Map Number for Encroachment Location: 11304-05-01

Encroachment type: Wall Fence Columns Steps Irrigation System Landscaping Driveway Pavers
 Walkway/Side walk Underground Utilities other

If Other - specify: stamped asphalt pavement, concrete curbing, reconstruct/realign existing

Dimensions (height/width/length): driveway, Fire Department Connection and meter pit.

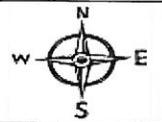
(i.e., 6'x42' wooden privacy fence; two 12"x4' concrete step; two 12"x12" x24" brick columns; 4'x15' brick paver walkway)

Construction material: Brick pavers, asphalt, concrete curbs

Please provide photographs and drawing or site plan **drawn to scale** - no larger than 8-1/2 x 11.

Church Directional Signs (Must provide picture or drawing of proposed signs that reflect dimensions)

Location(s) signs are to be placed (i.e. Northeast corner of Main Street) _____



Businesses only: Outdoor dining No. of chairs: _____ No. of Tables _____

Hours of operation for outdoor dining: _____

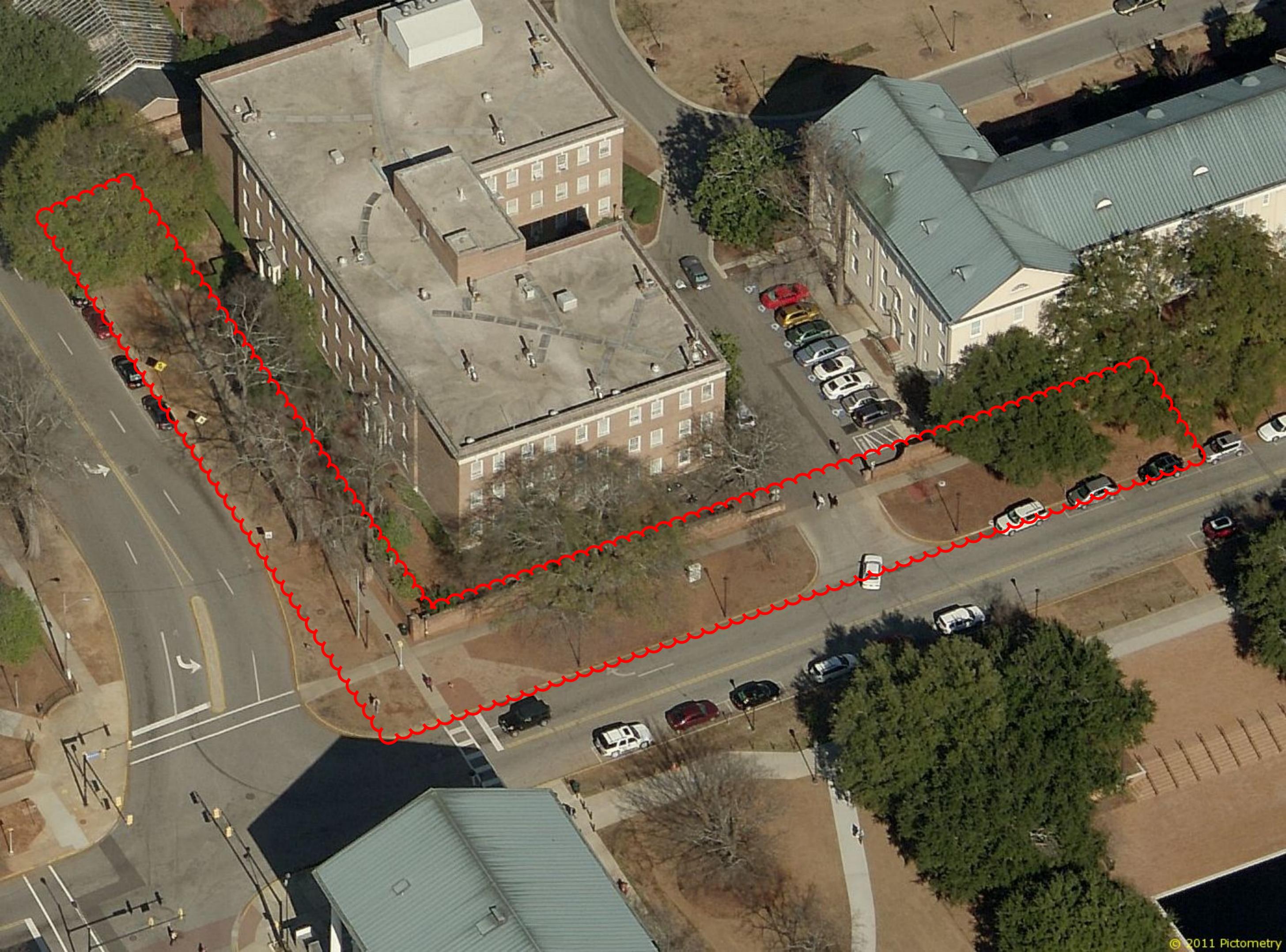
Number of planters: _____ Awning: _____ (dimensions - size/material) _____

Other: _____ (or complete applicable "Encroachment type" section above)

The proposed ordinance will be sent to the requesting party and City offices for review and approval. Krista Hampton will compile the recommendations and forward them to the City Clerk for scheduling before City Council. This process may take from 30-90 days.

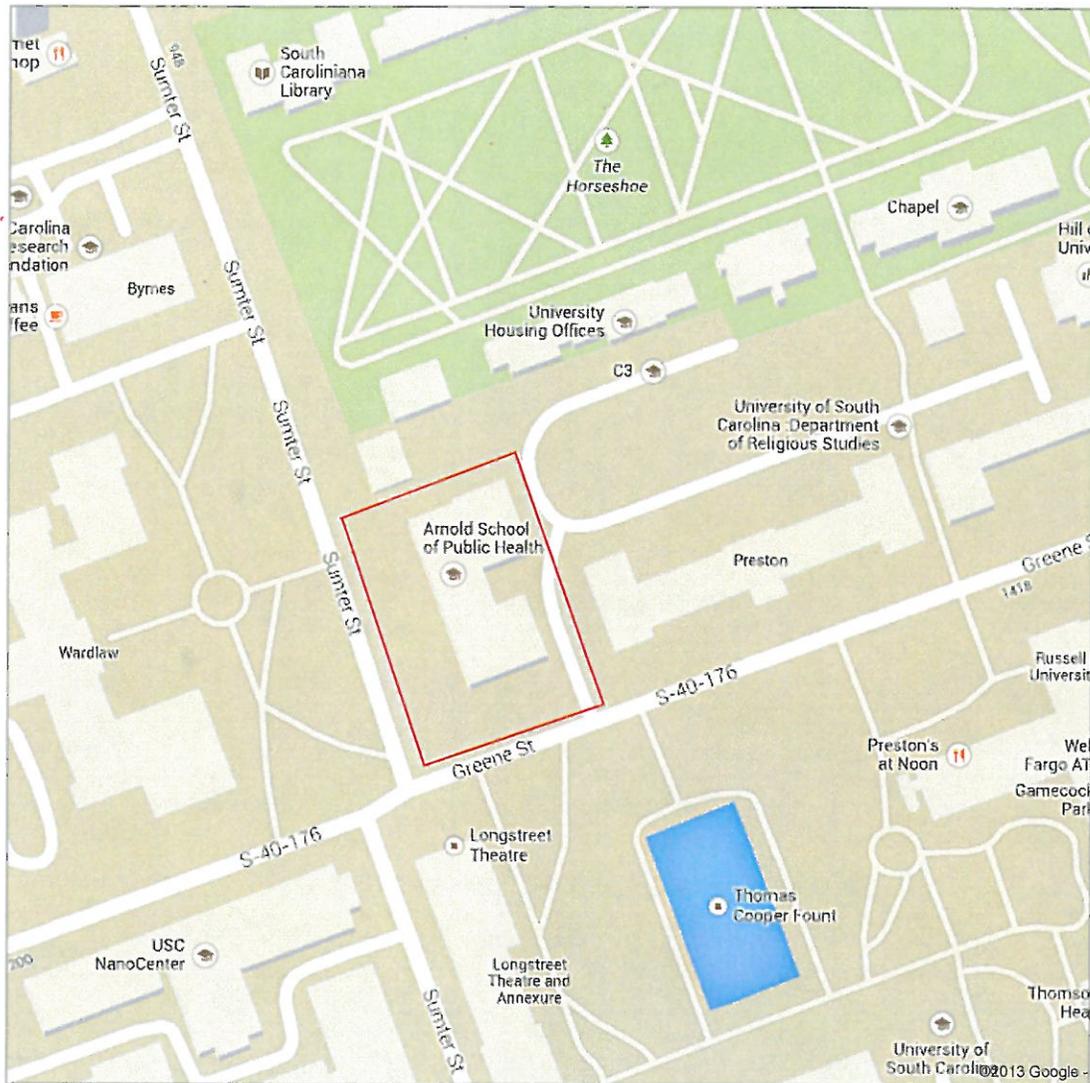
Contact	Department	Telephone Number	Fax Number
John Dooley	Utilities and Engineering	545-3240	733-8674
Joey Jaco	Engineering	545-3400	988-8199
Missy Gentry	Public Works	545-3780	733-8648
Marc Mylott	Planning and Development Services	545-3426	255-8935
Krista Hampton	Planning and Development Services	545-3420	733-8647
Jerry Thompson	Building Official	545-3442	733-8699
Sara Hollar	Forestry & Beautification	545-3860	733-8648
Amy Moore	Historic Preservation	545-3222	733-8647
Fred Delk	Columbia Dev. Corporation	988-8040	988-8039
Chip Timmons	Risk Management	343-8778	733-8245
Dana Higgins	Construction Management	545-3372	545-4130
David Brewer	Traffic Engineering	545-3850	733-8648
Robert Sweatt	Street Division	545-3790	545-3785
Jonathan Chambers	Planning and Development Services	545-3206	343-8779
Carmen Floyd	Fire Marshall	545-3703	401-8839
Nancy Lee Trihey	Planning and Development Services	545-3218	733-8647
Lucinda Statler	Planning and Development Services	545-3222	733-8647



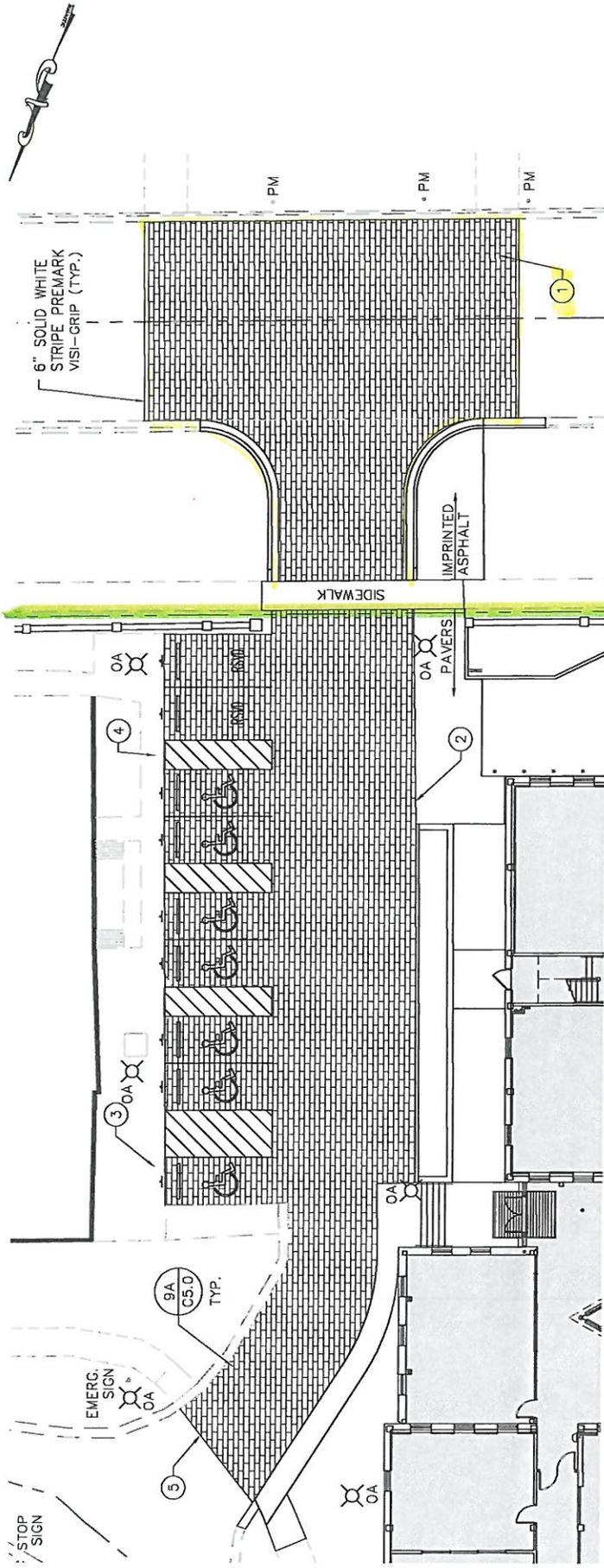




USC Health Science





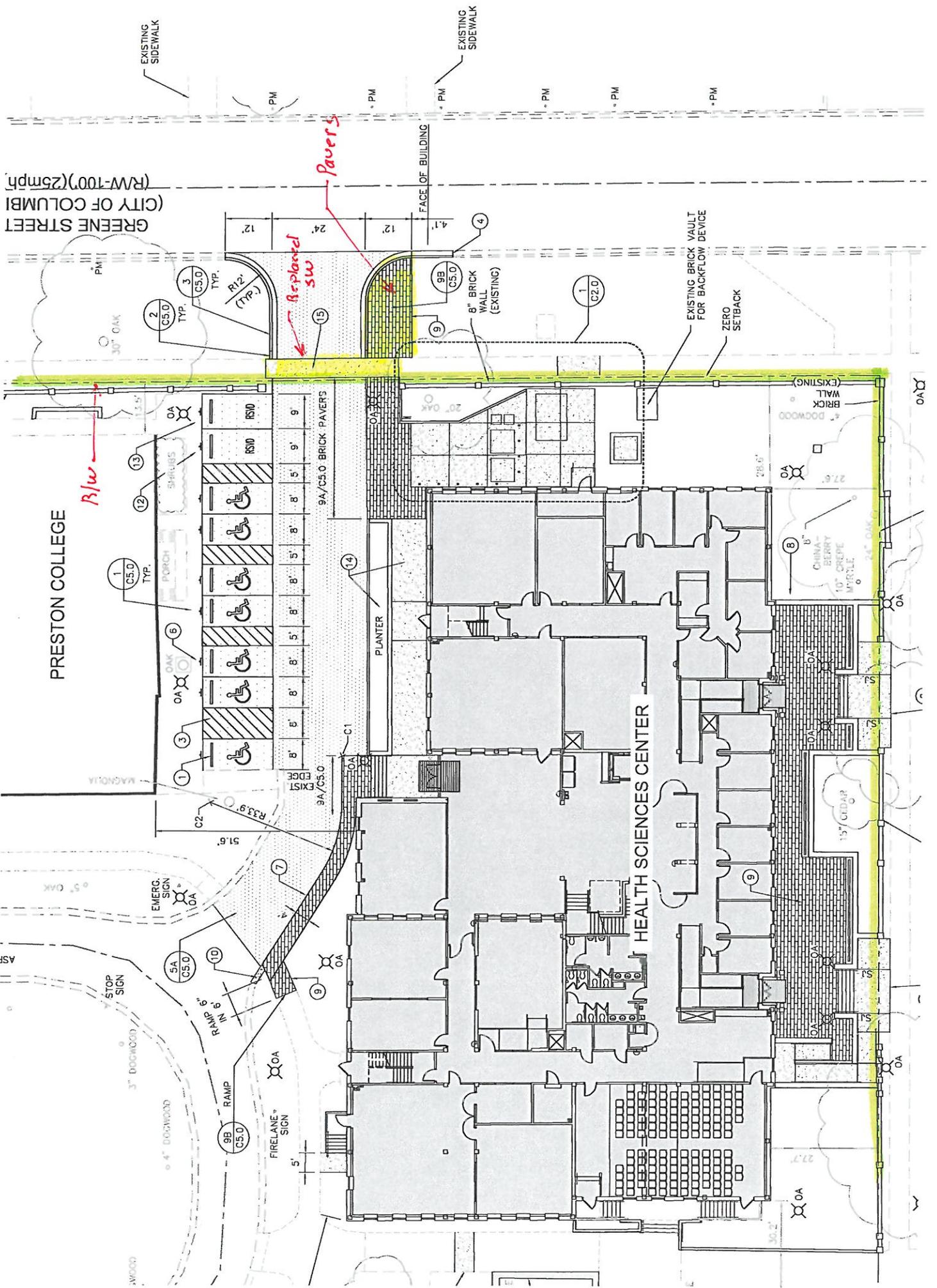


STAKING
SCALE: 1" = 20'

- KEY NOTES**
1. INSTALL IMPRINTED ASPHALT (RUNNING BOND - HERITAGE RED) SOUTH OF SIDEWALK.
 2. INSTALL PAVERS NORTH OF SIDEWALK (RUNNING BOND w/STACK BOND ALONG PERIMETER - GRAY).
 3. INSTALLATION OF HANDICAP SIGNS AND WHEELSTOPS INCLUDED IN BASE BID.
 4. BRICK IN AREAS OF HANDICAP ACCESS AISLES. SURFACING NOT SHOWN FOR CLARITY OF STRIPING.
 5. BRICK HATCH PATTERN SHOWN ON THIS PLAN INDICATES VEHICULAR BRICK PAVERS AND IMPRINTED ASPHALT TO BE PROVIDED UNDER ADD. ALTERNATE NO. 1. SEE SHEET C2.0 FOR BITUMINOUS PAVEMENT TO BE PROVIDED UNDER BASE BID IN THESE AREAS.

LEGEND
SEE SHEET C2.0 FOR LEGEND.

ADD ALTERNATE No. 1 - VEHICULAR BRICK PAVERS / IMPRINTED (STAMPED) ASPHALT



PRESTON COLLEGE
 (CITY OF COLUMBI
 (R/W-100')(25mph)

PRESTON COLLEGE

HEALTH SCIENCES CENTER

B/W

Pavers

Re-placed SW

B/W

EXISTING SIDEWALK

EXISTING SIDEWALK

FACE OF BUILDING

EXISTING BRICK VAULT FOR BACKFLOW DEVICE
 ZERO SETBACK

8" BRICK WALL (EXISTING)

9A/C5.0 BRICK PAVERS

PLANTER

EMERG. SIGN

FIRELANE SIGN

MAGNOLIA

BRICK WALL (EXISTING)

DOORWOOD

CHINA BERRY

10" CREPE MYRTLE

15' OGDAR

STOP SIGN

RAMP 6"

3" DOGWOOD

6" 4" DOGWOOD

30" OAK

20" OAK

30" OAK

2 C5.0 TYP.

3 C5.0 TYP.

R12' (TYP.)

R12' (TYP.)

15

9B C5.0

9

4

1 C2.0

13

12

9

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1 C5.0 TYP.

6

13

12

9A/C5.0

EXIST. EDGE

9A/C5.0

C1

14

7

51.6'

R33.9'

C2

10

9A

9B

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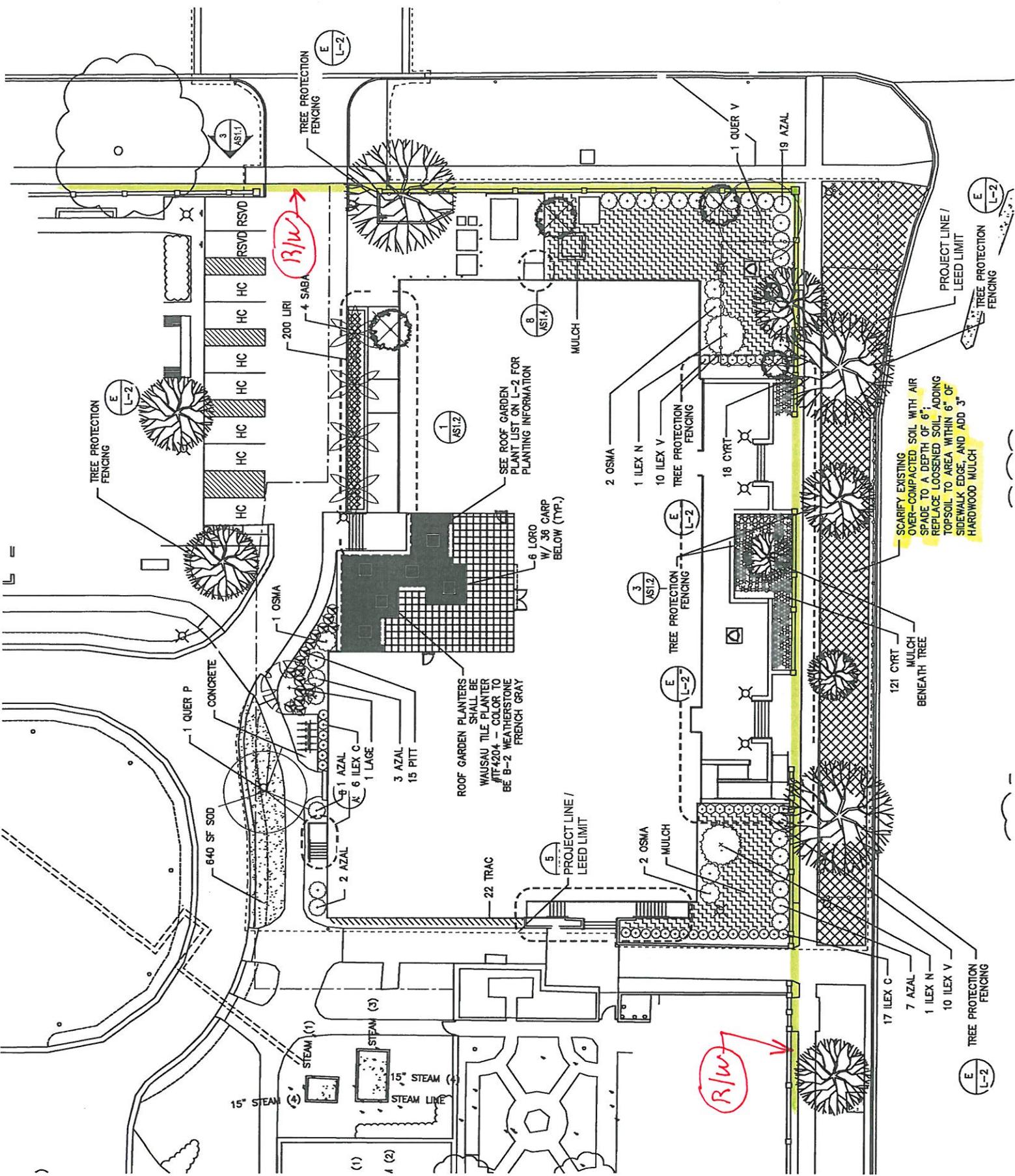
27.6'

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R/W

R/W

1 QUER P

CONCRETE

640 SF SOD

15" STEAM

3 AS1.1

HC

HC

HC

HC

HC

RSVD

RSVD

RSVD

RSVD

RSVD

RSVD

200 LRI

4 SABA

1 OSMA

2 AZAL

2 OSMA

17 ILEX C

3 AZAL

15 PITT

6 ILEX C

1 LAGE

7 AZAL

1 ILEX N

1 QUER V

19 AZAL

18 CVRT

121 CVRT

10 ILEX V

10 ILEX V

2 OSMA

1 ILEX N

10 ILEX V

2 OSMA

2 OSMA

2 OSMA

3 AS1.2

3 AS1.2

3 AS1.2

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6 LORO

W/ 36 CARP

BELOW (TYP.)

22 TRAC

PROJECT LINE / LEED LIMIT

PROJECT LINE / LEED LIMIT

SEE ROOF GARDEN PLANT LIST ON L-2 FOR PLANTING INFORMATION

ROOF GARDEN PLANTERS SHALL BE WAUSAU TILE PLANTER #174204 - COLOR TO BE B-2 WEATHERSTONE FRENCH GRAY

MULCH

MULCH

MULCH

MULCH

SCARIFY EXISTING OVER-COMPACTED SOIL WITH AIR SPADE TO A DEPTH OF 6". REPLACE LOOSENED SOIL, ADDING TOPSOIL TO AREA WITHIN 6" OF SIDEWALK EDGE, AND ADD 3" HARDWOOD MULCH

PROJECT LINE / LEED LIMIT

121 CVRT

MULCH

BENEATH TREE

121 CVRT

121 CVRT

121 CVRT

121 CVRT

MULCH

BENEATH TREE

121 CVRT

121 CVRT

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7436 Broad River Road – Suite 212
Irmo S.C. 29063
803-781-3141 P
803-781-3142 F

Transmittal

To: Mr. Zachary Kay AS REQUESTED
Office: City of Columbia FOR INFORMATION
Date: August 09, 2013 FOR SIGNATURE
From: Bruce Todd, P.E. FOR APPROVAL

Reference: USC Health Science Renovations – Encroachment Ordinance

Mr. Kay,

On behalf of our client, the University of South Carolina, I am submitting the above referenced project to the City of Columbia for an Encroachment Ordinance.

The request is for the following new/renovated items in the RW:

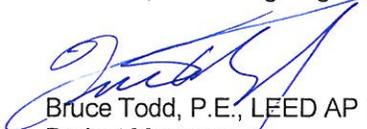
- Water meter pit (Greene Street).
- Fire Department Connection (Greene Street).
- Landscape area improvements (Sumter Street).
- Stamped Asphalt roadway (Greene Street).
- Brick Pavers sidewalk (Greene Street).

Please find enclosed the following:

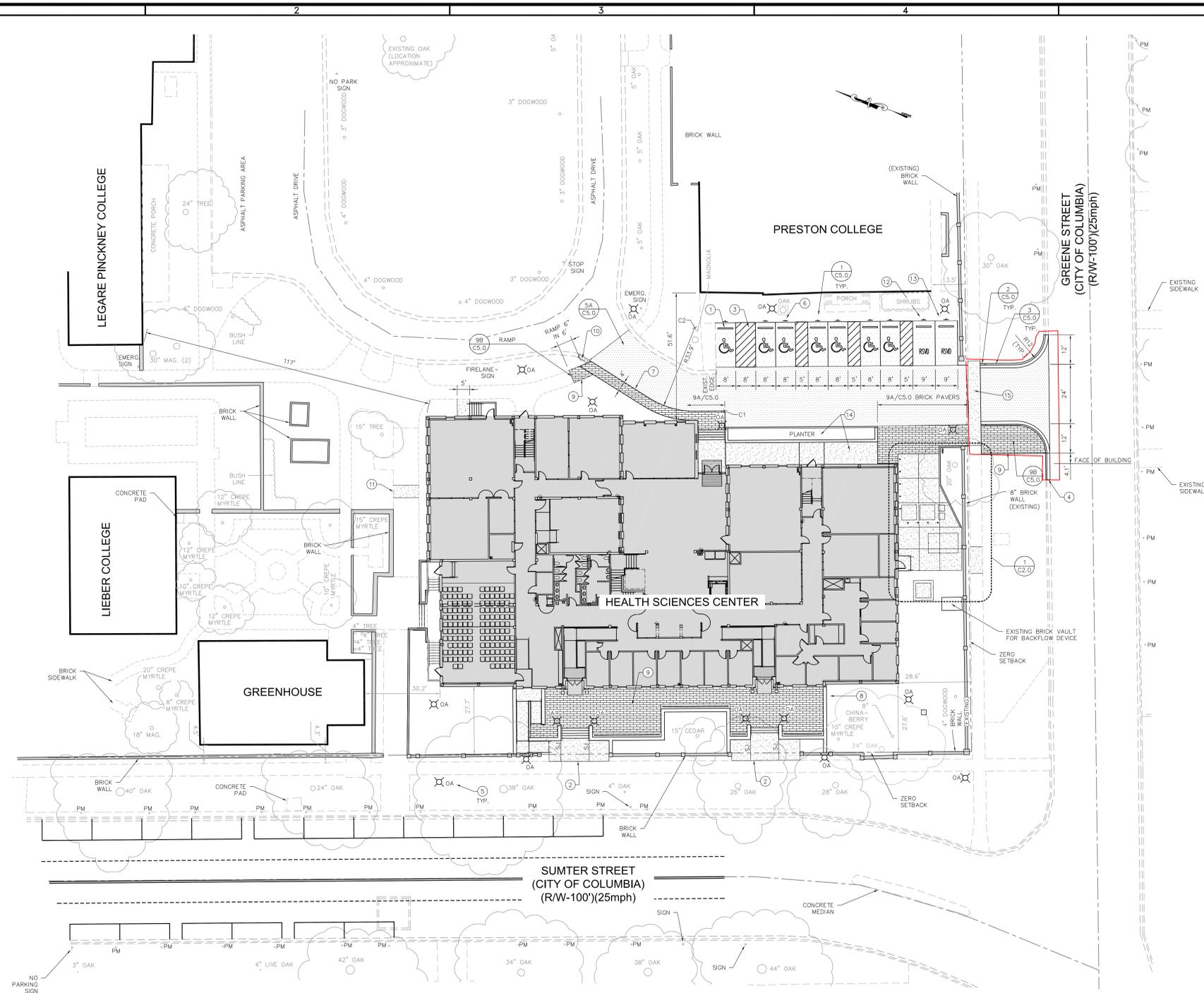
- Application for Encroachment Ordinance.
- Supporting 8.5x11 maps.

Please call or email me if you have any questions.

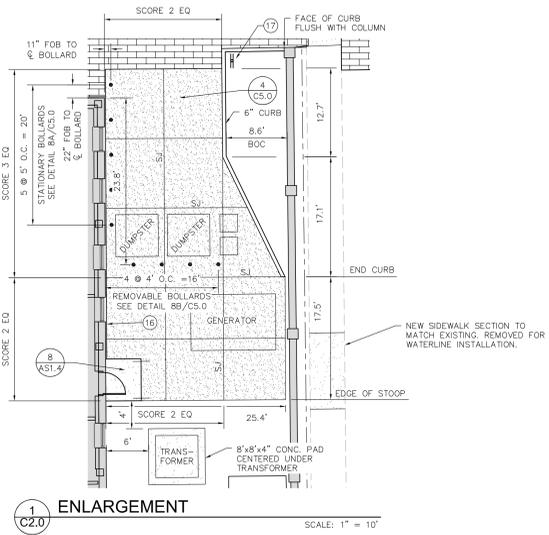
RB Todd, Consulting Engineers



Bruce Todd, P.E., LEED AP BD+C
Project Manager
Phone 803.781.3141
Fax 803.781.3142
bruce@rbtodd.com



COORDINATE SCHEDULE			
COORDINATE	DESCRIPTION	NORTHING	EASTING
C1	CORNER OF BRICK	787162.67	1991181.84
C2	RADIUS	787185.50	1991209.51

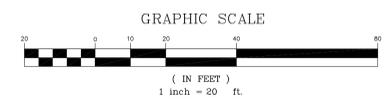


LEGEND (CIVIL)		
NEW	EXISTING	DESCRIPTION
N/A	---	RIGHT OF WAY
---	---	CURB AND GUTTER
---	---	BITUMINOUS PAVEMENT (LIGHT DUTY)
---	---	BITUMINOUS PAVEMENT (HEAVY DUTY)
---	---	CONCRETE SURFACE
---	---	BRICK PAVEMENT
---	---	BUILDING
---	---	PARKING METER
---	---	LIGHT POLE
---	---	HC SYMBOL
---	---	PARKING STRIPING
---	---	KEY NOTE

- ### GENERAL NOTES
- SURVEY INFORMATION PROVIDED BY AMERICAN ENGINEERING CONSULTANTS, INC., DATE 07/15/09.
 - a. CONTOUR INTERVAL: 1 FOOT
 - b. DATUM: NAD 83
 - PROPERTY INFORMATION
 - TMS# 11304-05-01
 - OWNER: UNIVERSITY OF SOUTH CAROLINA
 - DEVELOPMENT ADDRESS: 800 SUMTER STREET, COLUMBIA, SC 29208
 - CONTACT: ANN DERRICK
 - PHONE NO.: 803-960-1277
 - FAX NO.: 803-777-8739
 - TOTAL ACREAGE: 0.75 ACRES
 - DISTURBED AREA: 0.36 ACRES
 - ACCORDING TO FEMA FLOOD INSURANCE RATE MAP 45079C 0094H, DATED 02/20/02, THIS PROPERTY IS LOCATED IN FLOOD ZONE "X".
 - ZONING INFORMATION
 - ZONED: C-1 (OFFICE & INSTITUTIONAL)
 - SETBACK (FRONT): ZERO
 - SETBACK (REAR): ZERO
 - SETBACK (SIDE): ZERO
 - ALL DIMENSIONS ARE TO FACE OF CURB, FACE OF BUILDING, FACE OF RETAINING WALL, EDGE OF PAVEMENT, OR PROPERTY LINE UNLESS OTHERWISE INDICATED.
 - THE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS FOR ALL BUILDING DIMENSIONS.
 - THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES IN WRITING PRIOR TO CONSTRUCTION.
 - INSTALL BITUMINOUS EXPANSION JOINT MATERIAL AT ALL LOCATIONS WHERE CONCRETE ADJUTS BUILDING FACE, RETAINING WALL, AND EXISTING CONCRETE.
 - SEE ARCHITECT AND LANDSCAPE ARCHITECT PLANS FOR DETAILED INFORMATION RELATED TO HARDSCAPING, PLANTERS, BENCHES, STAIRS, ETC.

- ### KEY NOTES
- RE-INSTALL EXISTING WHEELSTOPS (7), INSTALL NEW WHEELSTOPS (2), INSTALL SIDE OF WHEELSTOP FACING PRESTON COLLEGE 2' FROM EDGE OF EXISTING CONCRETE.
 - POUR NEW CONCRETE ALONG EDGE OF EXISTING CONCRETE SIDEWALK. INSTALL BITUMINOUS EXPANSION JOINT MATERIAL.
 - ALL PARKING LOT STRIPING SHOWN SHALL BE PERFORMED BY THE CONTRACTOR USING TRAFFIC MARKING PAINT UNLESS NOTED OTHERWISE BELOW. PAINT SHALL BE SHERWIN-WILLIAMS "PRO-MAR" TRAFFIC MARKING PAINT OR GLIDDEN TRAFFIC PAINT AND SHALL BE APPLIED IN TWO COATS AND IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. ALL STRIPING ASSOCIATED WITH HANDICAP PARKING SHALL BE 4" WIDE (BLUE). ALL STRIPING ASSOCIATED WITH "RVSD" PARKING SHALL BE 4" WIDE (WHITE). LETTERS TO BE ONE FOOT WIDE AND TWO FEET TALL.
 - CONNECT NEW CURB AND GUTTER TO EXISTING CURB AND GUTTER, MATCHING EXISTING SECTION.
 - SEE ELECTRICAL SITE PLAN FOR INFORMATION ON LIGHT POLES.
 - CONTRACTOR TO INSTALL HC SIGNS PROVIDED BY USC. MOUNT ON POSTS PROVIDED BY CONTRACTOR. COORDINATE WITH USC OFFICIALS ON HANDICAP SIGNS. CORE DRILL CONCRETE AND SET POSTS IN NON-SHRINK GROUT. INSTALL 6" FROM EDGE OF CONCRETE.
 - PREVIOUS FACE OF GUTTER.
 - SEE ARCHITECTURAL PLANS FOR INFORMATION ON WEST SIDE OF BUILDING.
 - SEE ARCHITECTURAL PLANS FOR ADDITIONAL PEDESTRIAN BRICK PAVER INFORMATION. SEE DETAIL 9B/C5.0. ALL PEDESTRIAN AND VEHICULAR BRICK PAVERS SHOWN ON THIS SHEET ARE TO BE PROVIDED UNDER BASE BID. COLOR TO BE "RED" TO MATCH EXISTING. SUBMIT COLOR SAMPLES TO ARCHITECT FOR APPROVAL. SEE ADD ALTERNATE NOTE BELOW.
 - TAPER NEW ROLL CURB SECTION TO MATCH EDGE OF NEW BRICK PAVERS.
 - INSTALL NEW 4" - 3000psi CONCRETE SIDEWALK PREVIOUSLY REMOVED TO ALLOW FOR SEWER TAP. MATCH EXISTING WIDTH.
 - INSTALL "LOW EMITTING AND FUEL EFFICIENT VEHICLES ONLY" SIGN. SEE DETAIL 1/C5.0.
 - INSTALL "RESERVED" SIGN. COORDINATE WITH USC CONTACT ON EXACT WORDING. SEE DETAIL 1/C5.0.
 - SEE ARCHITECTURAL PLANS FOR DETAILED INFORMATION ON PLANTER, WALKWAYS, AND STEPS ON EAST SIDE OF BUILDING.
 - INSTALL NEW 6" - 4000psi CONCRETE SIDEWALK. MATCH EXISTING WIDTH.
 - INSTALL WATER-TIGHT SEAL BETWEEN BUILDING AND CONCRETE PAD. COORDINATE WITH WATER-TIGHT SYSTEMS (803-796-9695) OR APPROVED EQUAL. PROVIDE SEALANT COLOR SELECTION TO ARCHITECT FOR APPROVAL.
 - NEW POST MOUNTED DOUBLE SIDED UNIVERSITY STANDARD GARNET PANEL SIGN. COORDINATE WITH ARCHITECT.

- ### ADD ALTERNATE NOTES
- SEE SHEET DAST1 FOR SPECIFIC INFORMATION RELATIVE TO BASE BID AND ADD ALTERNATE DEMOLITION ITEMS.
 - SEE SHEET C6.0 FOR ADDITIONAL INFORMATION ON ADD ALTERNATES RELATED TO SITE.



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Interdisciplinary Design Architecture Interiors Planning

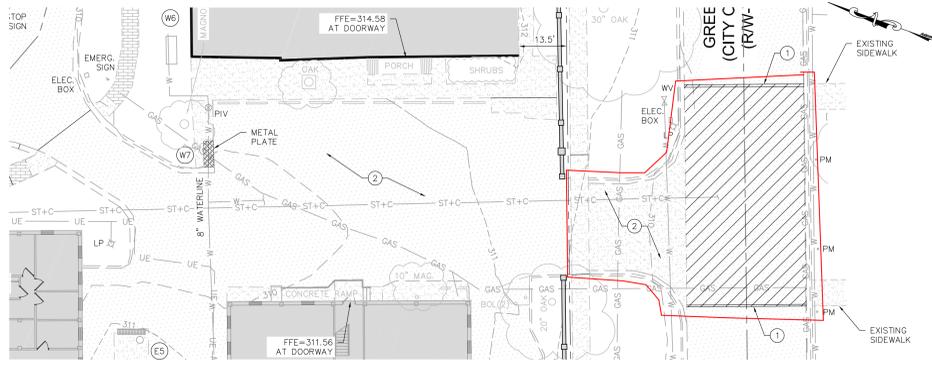
SOUTH CAROLINA ASSOCIATES, INC.
 REGISTERED PROFESSIONAL ENGINEER
 LICENSE NO. 45310
 6/28/13

UNIVERSITY OF SOUTH CAROLINA
HEALTH SCIENCES RENOVATION
STATE PROJECT NO. H27-6052-AC
100% CONSTRUCTION DOCUMENTS
 COLUMBIA, SOUTH CAROLINA

Project Title		Revision	
UN-075-09	UN-075-09	No.	Name
Drawn By	Checked By	Date	
RBT	RBT		
08/28/13			

STAKING PLAN

Drawing No. **C2.0**

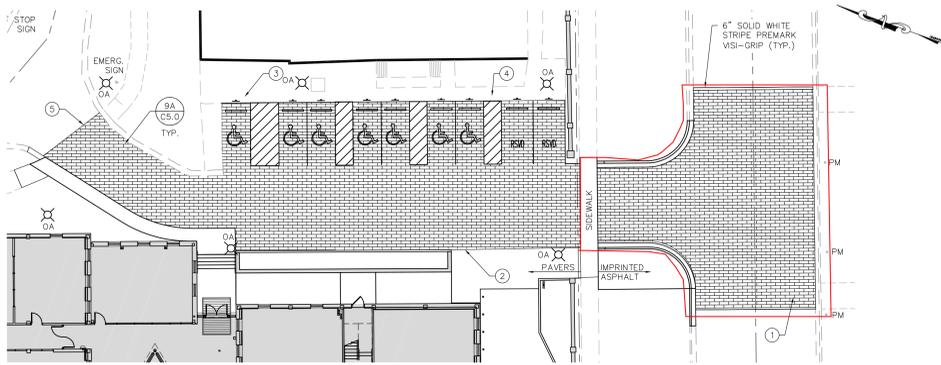


DEMOLITION
SCALE: 1" = 20'

LEGEND
SEE SHEET C1.0 FOR LEGEND.

- KEY NOTES**
- SAWCUT AND REMOVE EXISTING BASE AND PAVING BETWEEN PROJECTED EDGES OF EXISTING SIDEWALKS AS INDICATED. CURB AND GUTTER ON SOUTH SIDE TO REMAIN.
 - EXISTING PAVEMENT REMOVED UNDER BASE BID.

ADD ALTERNATE No. 1 - VEHICULAR BRICK PAVERS / IMPRINTED (STAMPED) ASPHALT

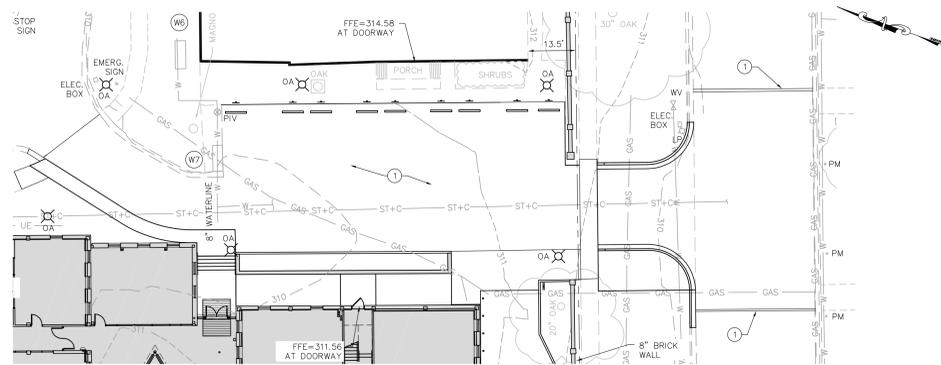


STAKING
SCALE: 1" = 20'

LEGEND
SEE SHEET C2.0 FOR LEGEND.

- KEY NOTES**
- INSTALL IMPRINTED ASPHALT (RUNNING BOND - HERITAGE RED) SOUTH OF SIDEWALK.
 - INSTALL PAVERS NORTH OF SIDEWALK (RUNNING BOND w/STACK BOND ALONG PERIMETER - GRAY).
 - INSTALLATION OF HANDICAP SIGNS AND WHEELSTOPS INCLUDED IN BASE BID.
 - BRICK IN AREAS OF HANDICAP ACCESS AISLES. SURFACING NOT SHOWN FOR CLARITY OF STRIPING.
 - BRICK HATCH PATTERN SHOWN ON THIS PLAN INDICATES VEHICULAR BRICK PAVERS AND IMPRINTED ASPHALT TO BE PROVIDED UNDER ADD ALTERNATE No. 1. SEE SHEET C2.0 FOR BITUMINOUS PAVEMENT TO BE PROVIDED UNDER BASE BID IN THESE AREAS.

ADD ALTERNATE No. 1 - VEHICULAR BRICK PAVERS / IMPRINTED (STAMPED) ASPHALT

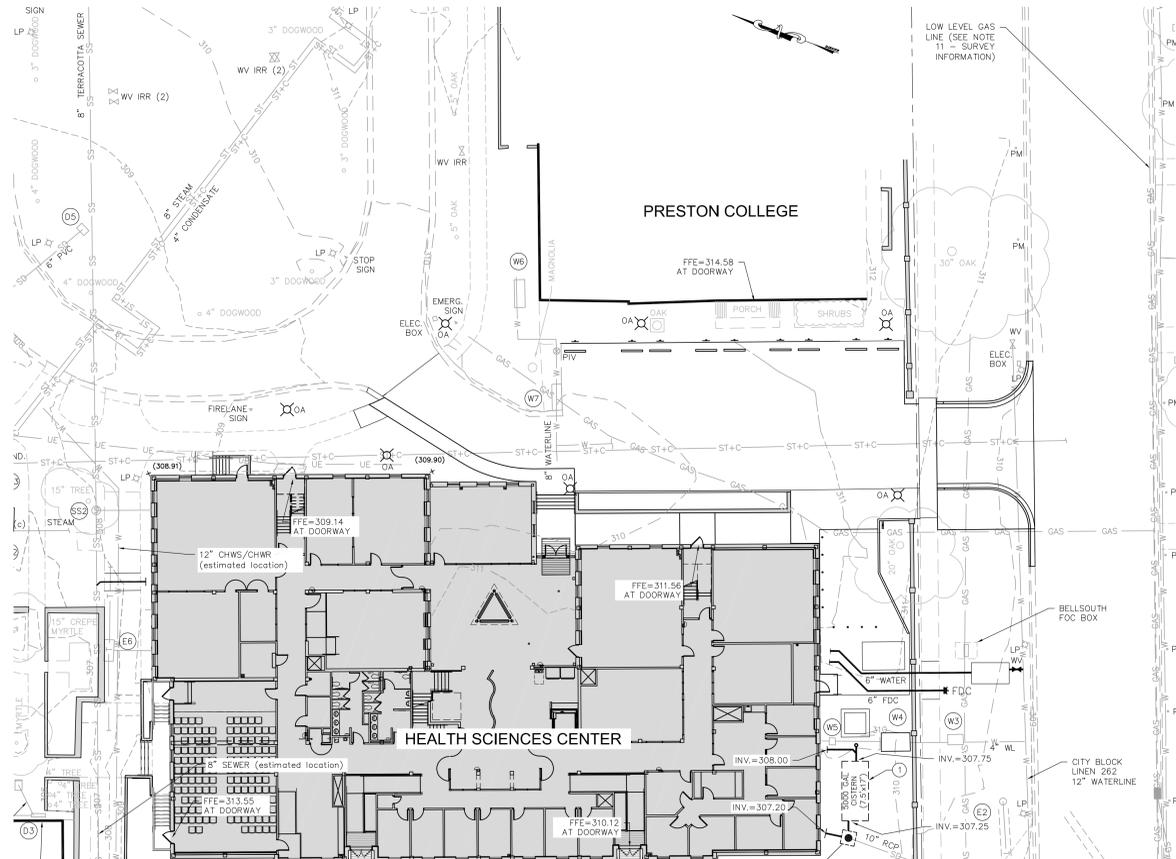


GRADING
SCALE: 1" = 20'

LEGEND
SEE SHEET C3.0 FOR LEGEND.

- KEY NOTES**
- ALL GRADES ON NEW PAVEMENT TO MATCH EXISTING GRADES UNLESS OTHERWISE INDICATED.

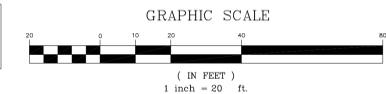
ADD ALTERNATE No. 1 - VEHICULAR BRICK PAVERS / IMPRINTED (STAMPED) ASPHALT



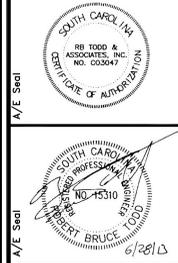
ADD ALTERNATE No. 2 - CISTERN

- KEY NOTES**
- ADD ALTERNATE No. 2 CONSISTS OF TURNKEY INSTALLATION OF UNDERGROUND CISTERN SYSTEM. COORDINATE WITH IRRIGATION PLANS.

LEGEND
SEE SHEET C3.0 FOR LEGEND.



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Drawn By: RBT
Checked By: RBT
Date: 08.28.13

Revisions	No.	Name	Date

ADD ALTERNATES - SITE

Drawing No.
C6.0