

GIBBES GREEN HISTORIC FACILITIES RENOVATION - PETIGRU COLLEGE SITEWORK

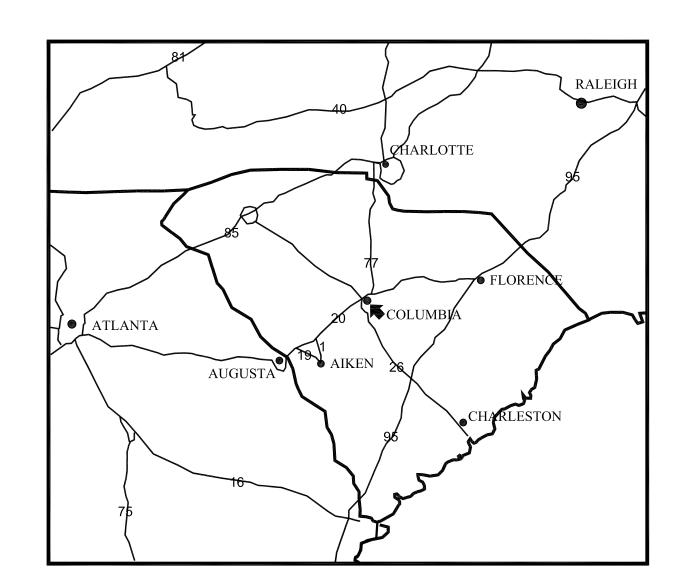
OSE Project # H27-9835-PD-C
A/E Project #13031.01
JANUARY 15, 2014
CONSTRUCTION DOCUMENTS

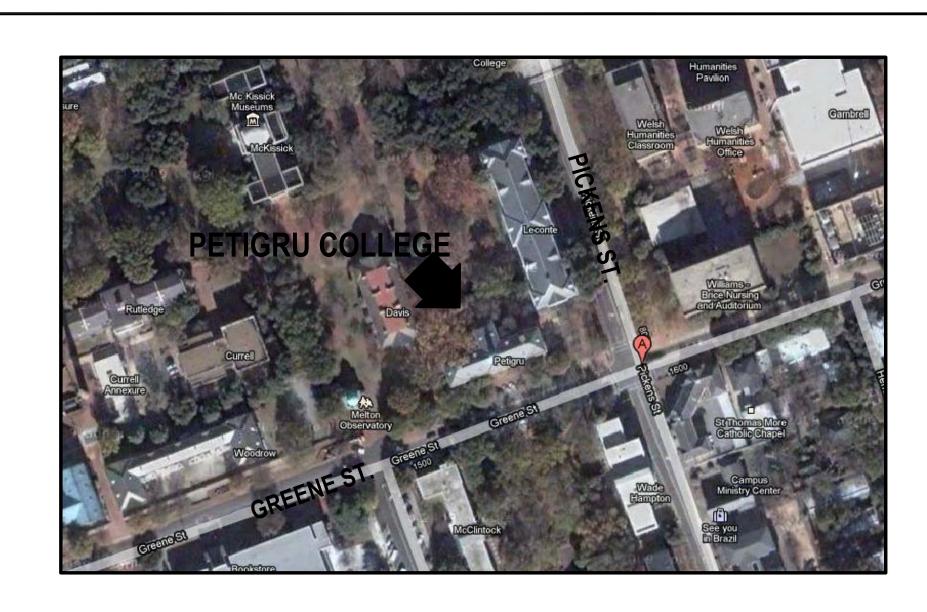
Prepared by:



Architects/Engineers/Planners 1201 Main Street Columbia, South Carolina 29201-3299 tel. 803-256-0000 fax 803-255-7243

LOCATOR MAPS





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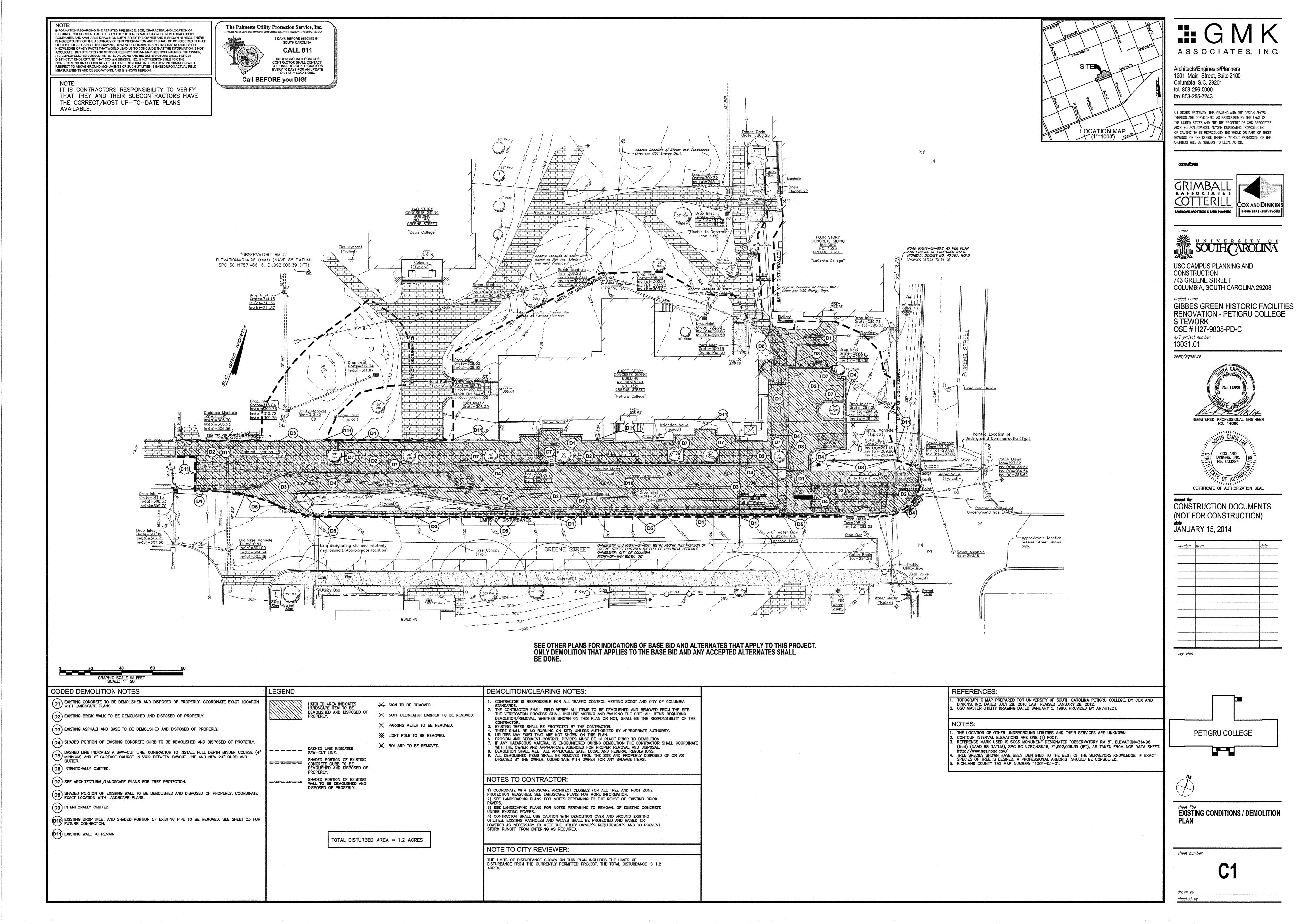
E1.0 ELECTRICAL SITE PLAN

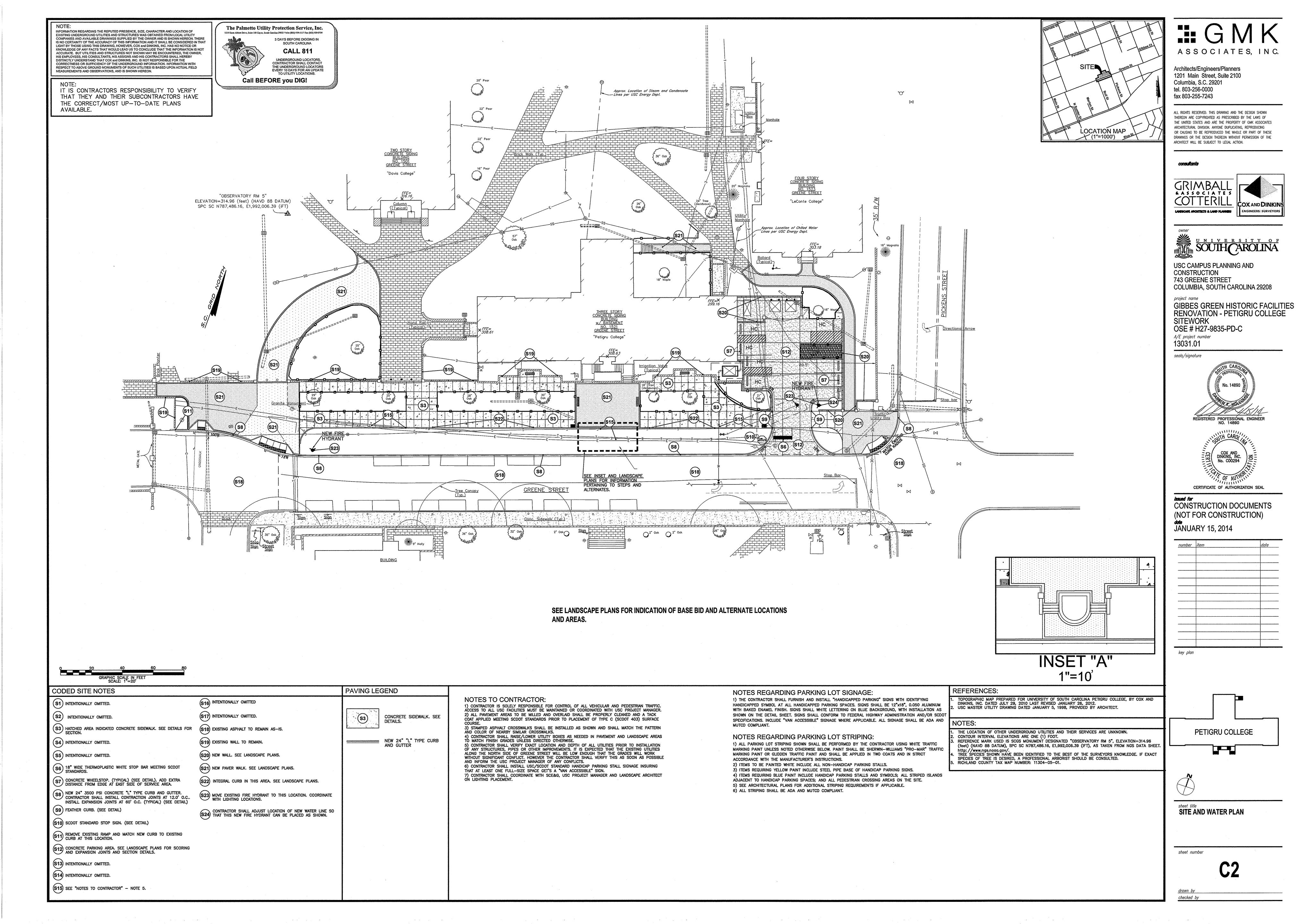
LANDSCAPE

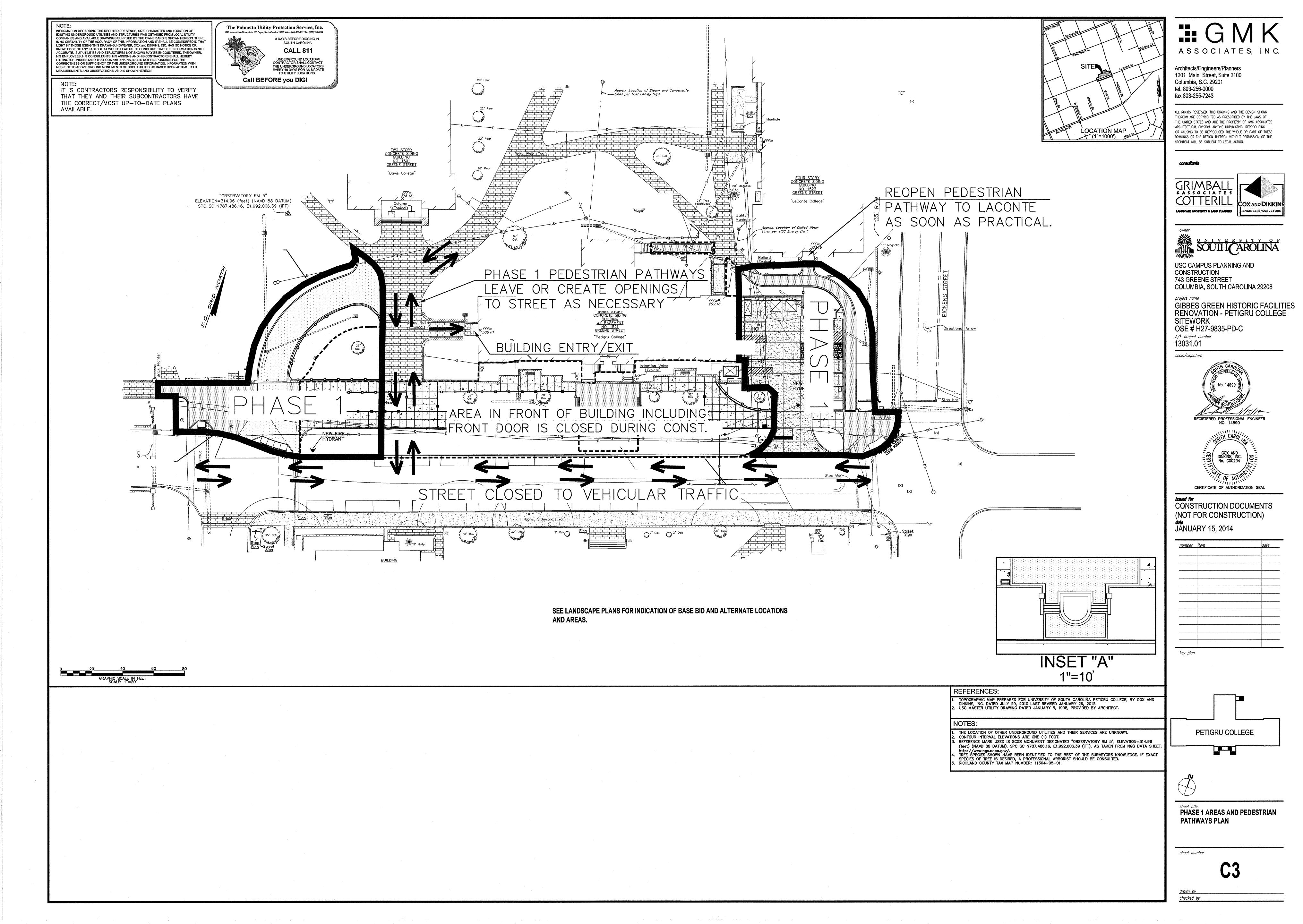
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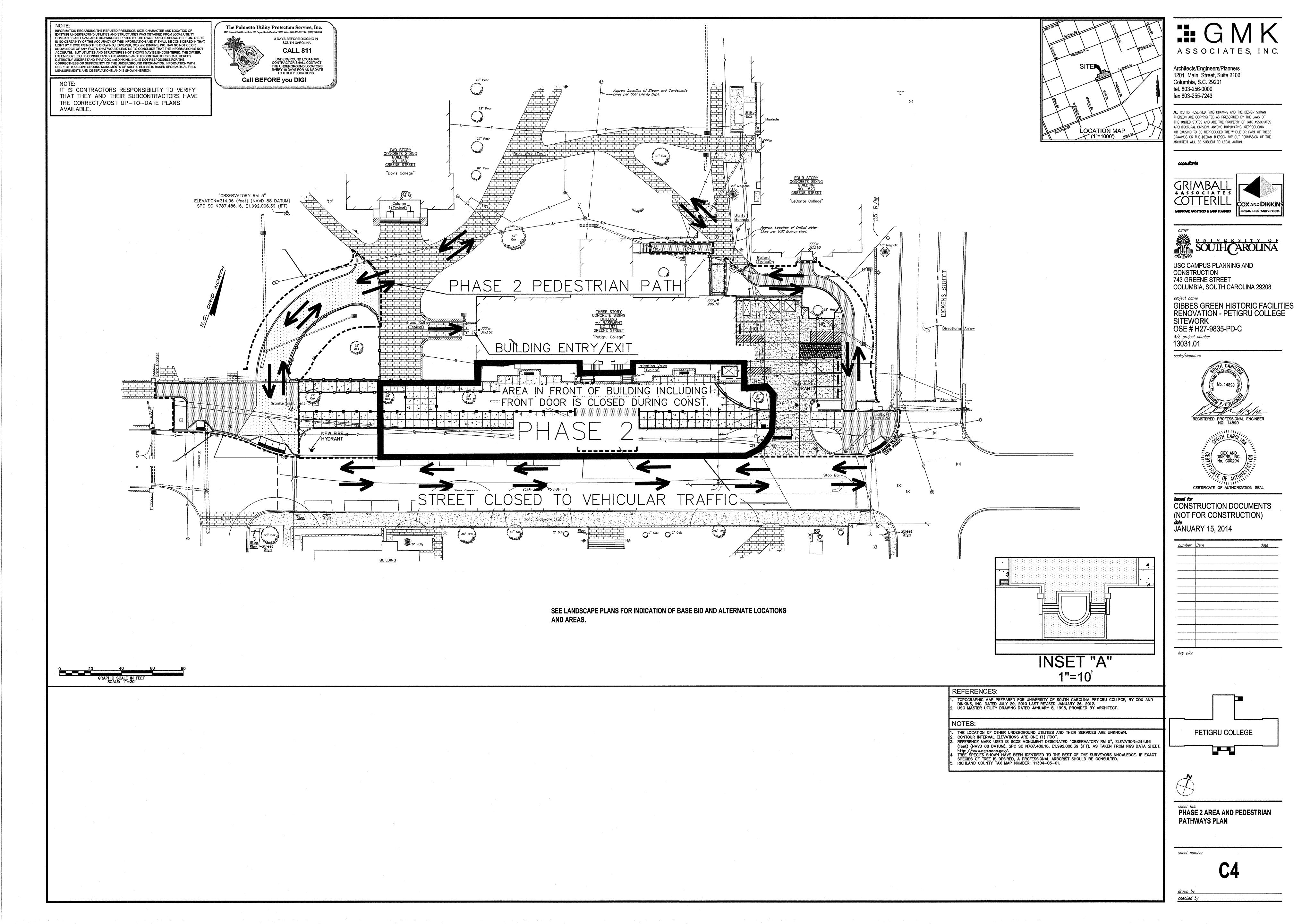
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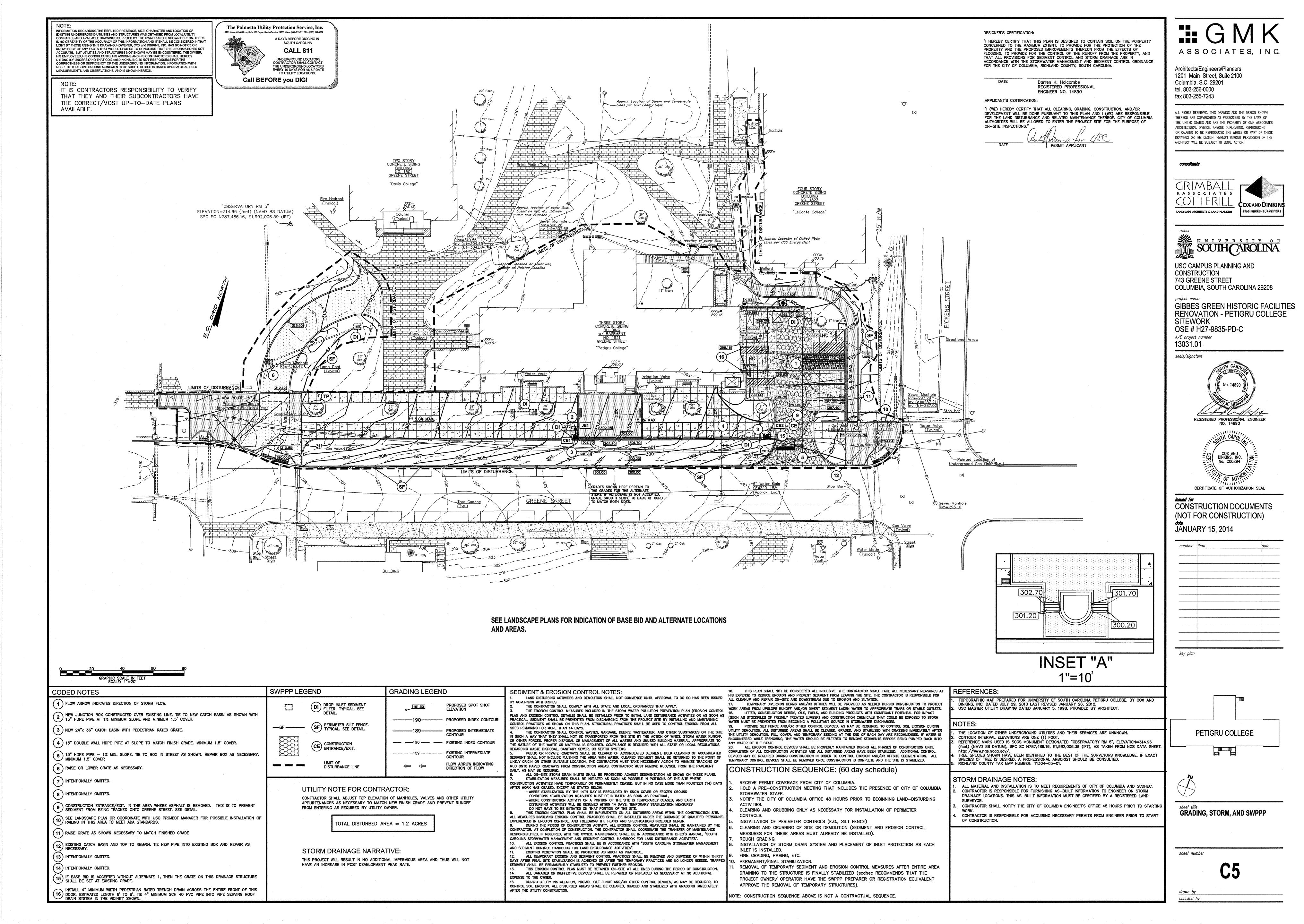
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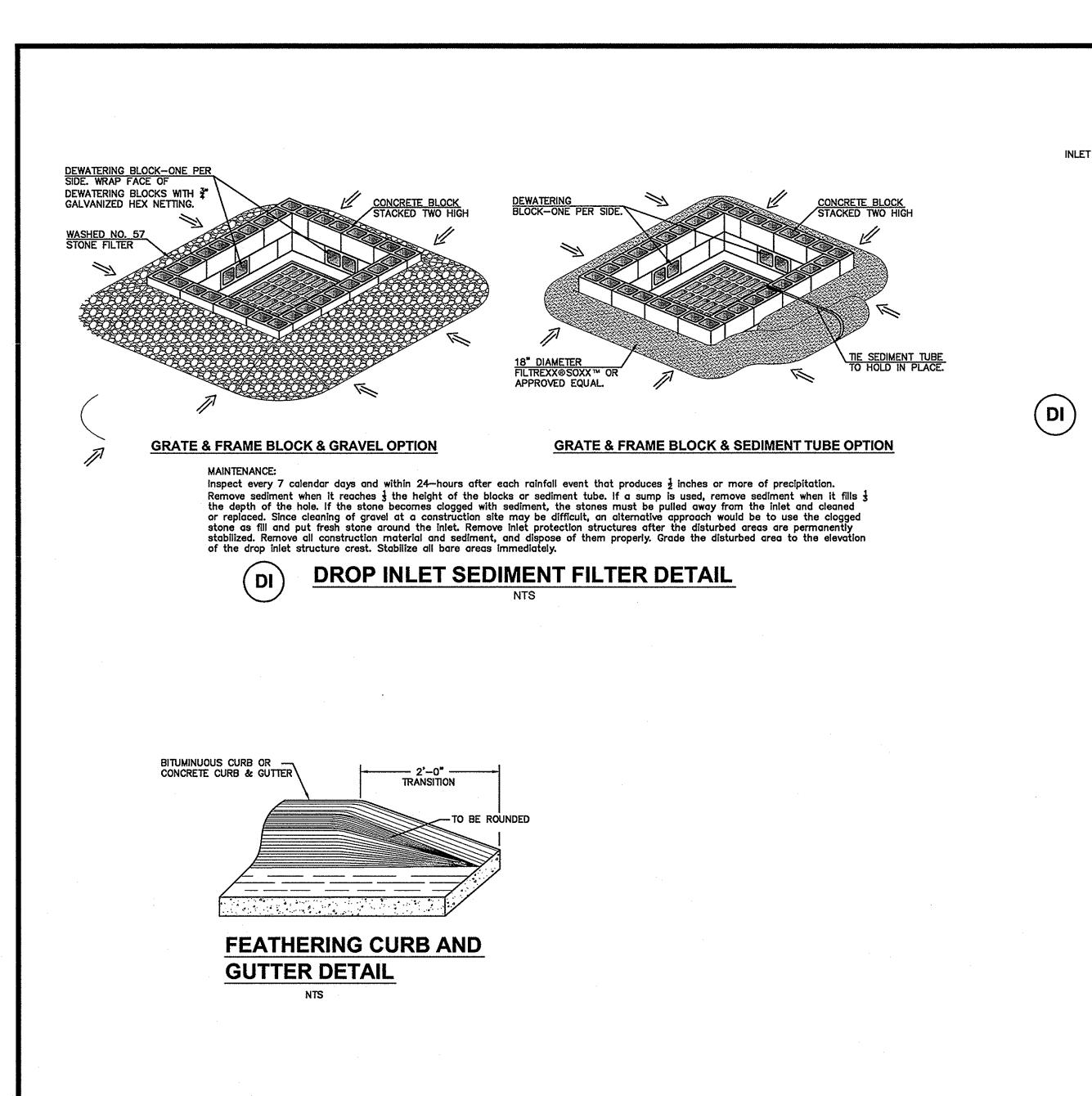


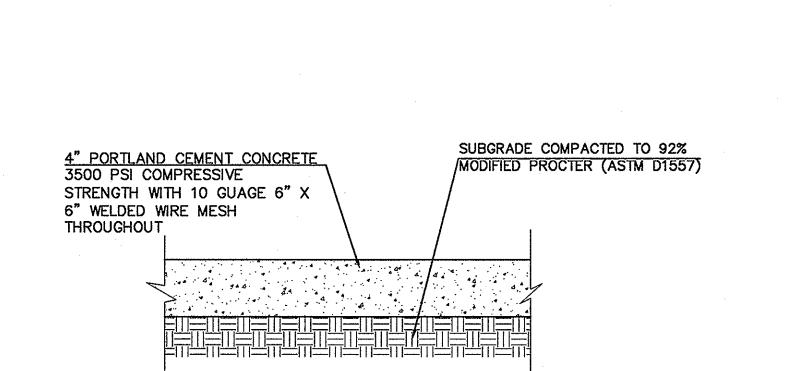












TEMPORARY GRASSING:

FROM MAY 1 - AUGUST 31

1 LB. BROWN TOP MILLET

2 LBS. HULLED BERMUDA

1 LB. BROWN TOP MILLET

1 LB. HULLED BERMUDA

25 LBS. 10-10-10 FERTILIZER

DEEP SANDY SOILS

2 LBS. BROWN TOP MILLET

25 LBS. 10-10-10 FERTILIZER

*3 LBS. BAHIA GRASS

75 LBS. LIMESTONE

*2 LB. BAHIA GRASS

75 LBS. LIMESTONE

75 LBS, LIMESTONE

25 LBS. 10-10-10 FERTILIZER

TEMPORARY AND PERMANENT GRASS PLANTINGS BY SEASON WITH THE

REQUIRED AMOUNTS OF FERTILIZER AND LIMESTONE PER 1,000 SQUARE FEET.

FROM SEPTEMBER 1 - APRIL 30

2 LBS. ANNUAL RYE GRASS

1.5 LBS. UNHULLED BERMUDA

25 LBS. 10-10-10 FERTILIZER

2 LBS. ANNUAL RYE GRASS

1 LB. UNHULLED BERMUDA

25 LBS. 10-10-10 FERTILIZER

1 LB. ANNUAL RYE GRASS

DEEP SANDY SOILS

1 LB. UNHULLED BERMUDA

25 LBS. 10-10-10 FERTILIZER

*2 LBS. BAHIA GRASS

75 LBS. LIMESTONE

*BAHIA GRASS IS A GOOD EROSION CONTROL GRASS. HOWEVER IT PRODUCES

MANY SEED HEADS WHICH SCATTER TO OTHER AREAS. BAHIA GRASS IS HARD

TO MOW. HOWEVER IT DOES NOT REQUIRE THE CARE THAT OTHER GRASSES REQUIRE. AROUND OFFICE BUILDINGS AND WITHIN SUBDIVISIONS USE 4 TO 6

OZS. CENTIPEDE GRASS IN LIEU OF BAHIA GRASS OR IN COMBINATION WITH

**FOR SOILS WITH CLAY SUBSOIL. DO NOT PLANT IN SANDY SOILS.

ALL VEGETATED SWALES AND DITCHES WITH SIDE SLOPES (CUT OR FILL) STEEPER THAN 2:1 ADD 4 TO 6 OUNCES/1,000 SQUARE FEET OF WEEPING LOVE GRASS SEED TO ANY OF THE ABOVE MIXTURES. SWALE AND DITCH BOTTOMS SHOULD BE DOUBLE SEEDED. ALSO ALL SIDE SLOPES STEEPER

THAN 2:1 SHALL BE HYDROSEEDED. GROWTH OF RYE GRASS IN EARLY

SPRING MUST BE SUPPRESSED TO PREVENT RYE FROM CHOKING OUT

PERMANENT GRASS SUCH AS BERMUDA, BAHIA OR FESCUE.

**3 LBS. FESCUE GRASS 25 LBS. 10-10-10 FERTILIZER

0.5 LB. HULLED BERMUDA

*2 LBS. BAHIA GRASS

75 LBS. LIMESTONE

75 LBS. LIMESTONE

0.5 LB. HULLED BERMUDA

75 LBS. LIMESTONE

2" x 2" WOODEN STAKE

-STORM GUTTER INLET

FILTERSOXX

-WEATHER RESISTANT

WIRE MESH COVERING

8" DIAMETER SEDIMENT TUBE TYP. (FILTREX

OR APPROVED EQUAL) -SOCK TIED TO WIRE MESH

MATERIAL TO BE DRAWN IN AND TIED OFF TO STAKE AT

BACK OF CURBLINE

" DIAMETER SEDIMENT UBE TYP. (FILTREX

OR APPROVED EQUAL)

WEATHER RESISTANT WIRE MESH COVERING INLET OPENING

FILTERSOXX

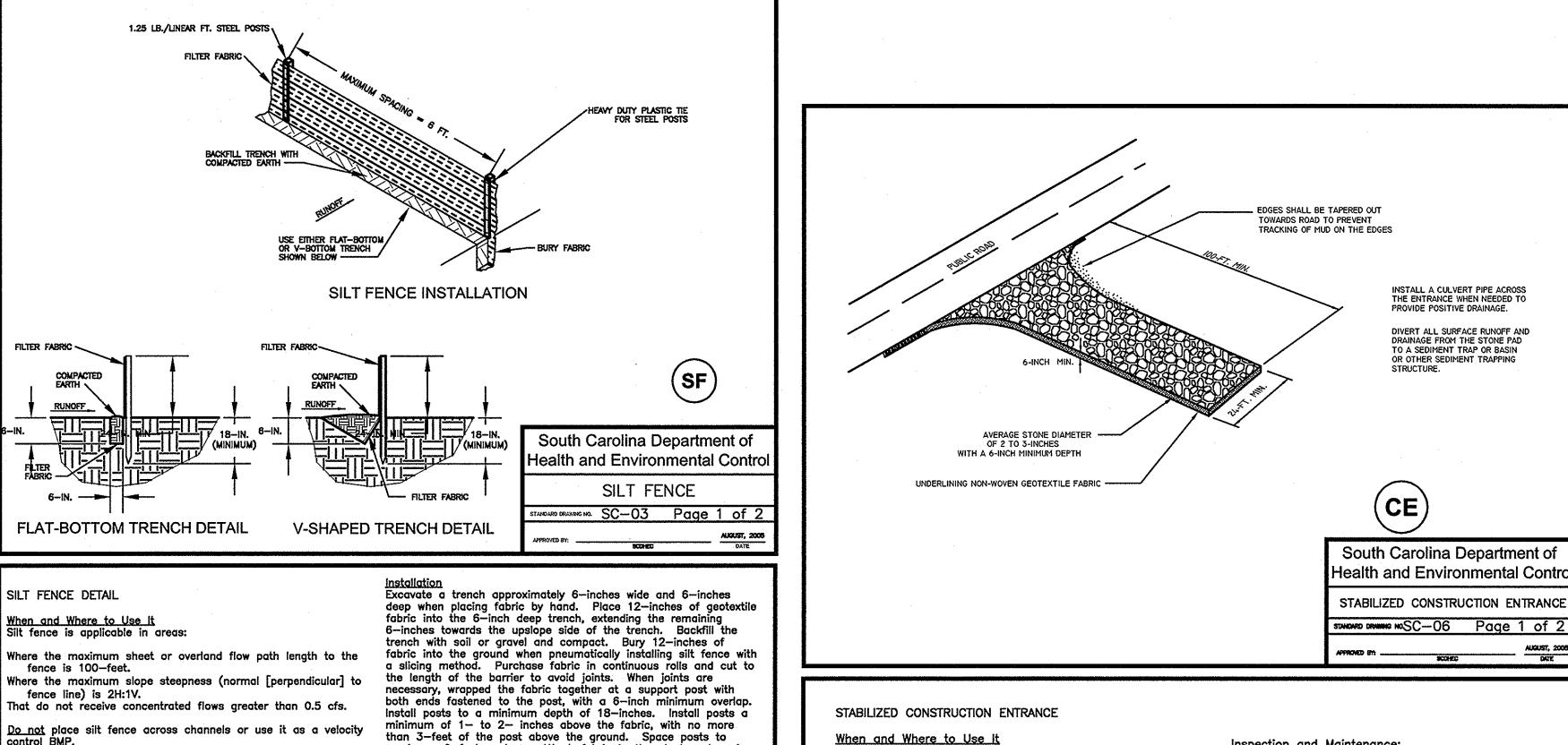
SECTION VIEW

SEDIMENT TUBE INLET

PROTECTION DETAILS

BOTH ENDS AT

CONCRETE PAVEMENT FOR PEDESTRIAN SIDEWALKS



moving directly onto a public road

Construction entrances should be used in conjunction with

the stabilization of construction roads to reduce the

-Remove all vegetation and any objectionable material

-Divert all surface runoff and drainage from stones to a

-Install a culvert pipe across the entrance when needed

-The entrance shall consist of 1-inch to 3-inch D50

-Minimum dimensions of the entrance shall be 24-feet

-The edges of the entrance shall be tapered out towards

the road to prevent tracking of mud at the edge of the

stone placed at a minimum depth of 6-inches.

wide by 100-feet long, and may be modified as

necessary to accommodate site constraints.

-Install a non-woven geotextile fabric prior to placing any

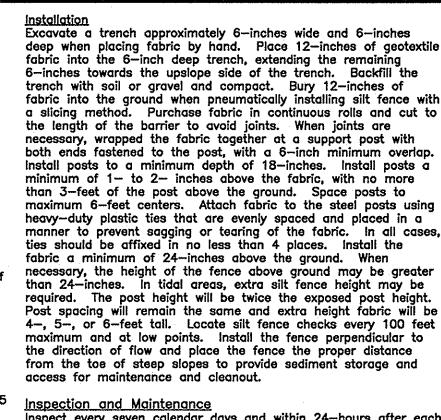
amount of mud picked up by vehicles.

mportant Considerations

from the foundation area.

to provide positive drainage.

sediment trap or basin.



Use steel posts with a minimum length of 4-feet, weighing 1.25 pounds per linear foot (± 8%) with projections to aid in Inspect every seven calendar days and within 24-hours after each fastening the fabric. Except when heavy clay soils are present rainfall event that produces 1/2-inches or more of precipitation. on site, steel posts will have a metal soil stabilization plate Check for sediment buildup and fence integrity. Check where runoff has eroded a channel beneath the fence, or where the welded near the bottom such that when the post is driven to the proper depth, the plate will be below the ground level for added stability. The soil plates should have the following fence has sagged or collapsed by fence overtopping. If the fence fabric tears, begins to decompose, or in any way becomes characteristics: ineffective, replace the section of fence immediately. Remove Be composed of minimum 15 gauge steel.

Have a minimum cross section area of 17—square inches. sediment accumulated along the fence when it reaches 1/3 the height of the fence, especially if heavy rains are expected. Remove trapped sediment from the site or stabilize it on site. Geotextile Filter Fabric Filter fabric is: Remove silt fence within 30 days after final stabilization is achieved or after temporary best management practices (BMPs) Composed of fibers consisting of long chain synthetic polymers are no longer needed. Permanently stabilize disturbed areas resulting from fence removal. composed of at least 85% by weight of polyolefins, polyesters,

lave a standard "T" section with a nominal face width of

1.38—inches and nominal "T" length of 1.48—inches.

Weigh 1.25 pounds per foot (± 8%). Have a soil stabilization plate with a minimum cross section

or polyamides. Formed into a network such that the filaments

of any treatment or coating which might adversely alter its physical properties after installation. Free of defects or flaws

that significantly affect its physical and/or filtering properties. Cut to a minimum width of 36 inches.

Use only fabric appearing on SCDOT Approval Sheet #34 meeting

the requirements of the most current edition of the SCDOT

Standard Specifications for Highway Construction.

or yarns retain dimensional stability relative to each other. Free

area of 17-square inches attached to the steel

Painted with a water based baked enamel paint.

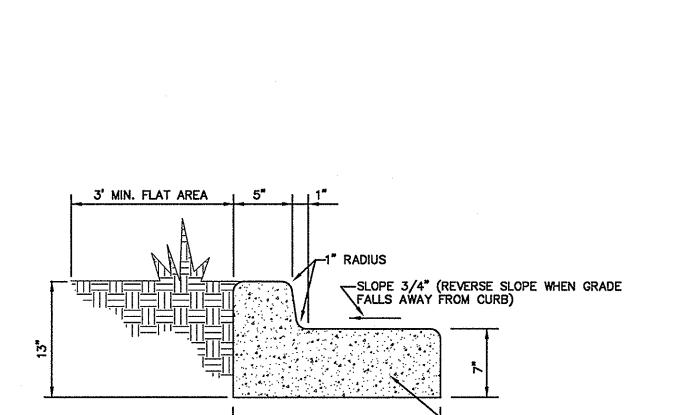
South C	arolina D	epartm	ent c
Health ar	nd Enviror	nmental	Col
	SILT F	ENCE	
STANDARD DRAWING N	¤SC-03	Page	2 o
APPROVED IN			AUGUST

Inspection and Maintenance: Stabilized construction entrances should be used at all Inspect construction entrances every seven (7) points where traffic will be leaving a construction site and calendar days and within 24-hours after each rainfall event that produces 1/2-inches or more of precipitation, or after heavy use. Check for mud and sediment buildup and pad integrity. Make daily inspections during periods of wet weather. washing is used, provisions must be made to intercept Maintenance is required more frequently in wet the wash water and trap the sediment before it is weather conditions. Reshape the stone pad as carried offsite. Washdown facilities shall be required as needed for drainage and runoff control. directed by SCDHEC as needed. Washdown areas in general must be established with crushed gravel and drain into a sediment trap or sediment basin.

Wash or replace stones as needed and as directed by the inspector. The stone in the entrance should be washed or replaced whenever the entrance fails to reduce mud being carried off-site by vehicles. Frequent washing will extend the useful life of stone. Immediately remove mud and sediment tracked or washed onto public roads by brushing or sweeping. Flushing should only be used when the water can be

discharged to a sediment trap or basin. Repair any broken pavement immediately.

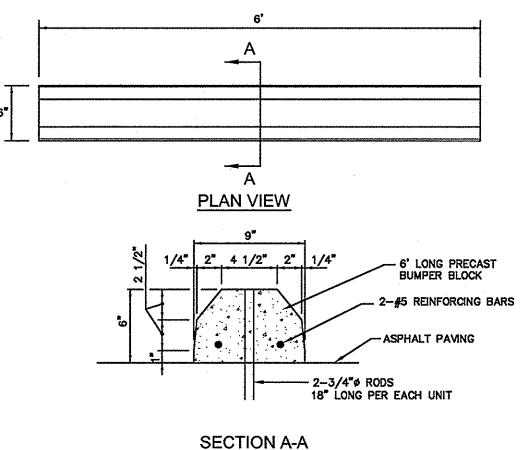
> South Carolina Department of Health and Environmental Contro STABILIZED CONSTRUCTION ENTRANCE STANDARD DRIVING HOSC-06 Page 2 of 2 AUQUST, 2005 DATE



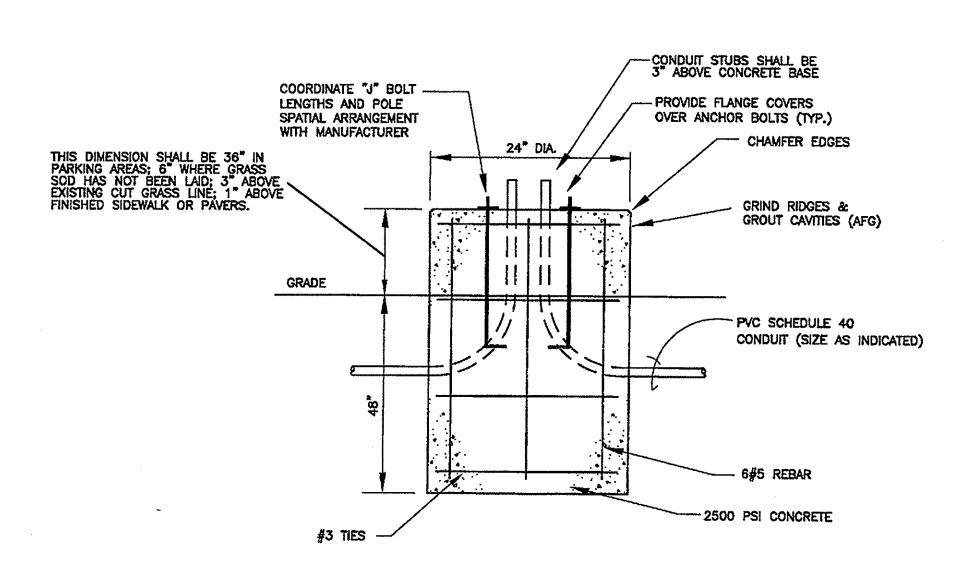
-USE 3,500 PSI CONCRETE

24" CONCRETE CURB & GUTTER DETAIL

2'-0"



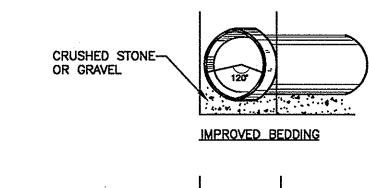
PRECAST CONCRETE WHEEL STOP



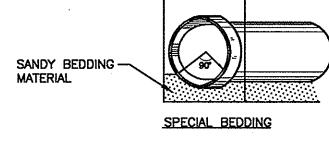


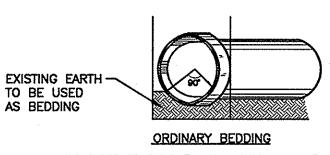
--- 7" PORTLAND CEMENT CONCRETE FLEXURAL STRENGTH 4500 psi. WITH 10 GAUGE 6"X6" WELDED WIRE MESH (4,000 PSI COMPRESSIVE STRENGTH, VERIFY WITH GEOTECHNICAL REPORT) 4" MACADAM BASE COURSE (SCDOT, SECTION 305), (COMPACTED TO 95% MODIFIED PROCTOR MAXIMUM DRY DENSITY (ASTM D-1557) - UPPER 12" OF SUBGRADE COMPACTED TO 98% STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D 698) 1) ALL THICKNESSES SHOWN ARE MINIMUM COMPACTED. 2) PAVEMENT SECTIONS ARE TO BE VERIFIED W/ GEOTECHNICAL ENGINEER BEFORE CONSTRUCTION. 3) ALL PAVEMENTS AND BASES

HEAVY DUTY RIGID CONCRETE PAVEMENT



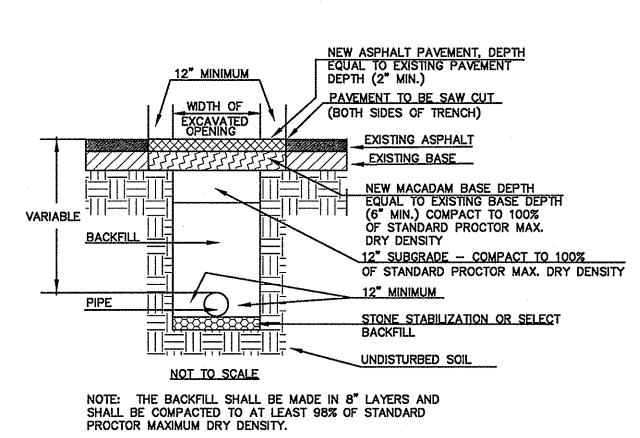
SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF SCDOT SPECIFICATIONS.





BEDDING DETAILS MIN. DEPTH OF BEDDING TO BE ONE FOURTH PIPE DIAMETER BUT IN NO CASE LESS THAN 4"

LOCAL SANDY BEDDING MATERIAN TO BE USED WHERE UNSUITABLE OR UNUSABLE DITCH BOTTOMS ARE ENCOUNTERED.



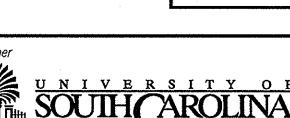
PAVEMENT REPAIR DETAIL



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& ASSOCIATES LANDKAPE ARCHITECTS & LAND PLANNERS

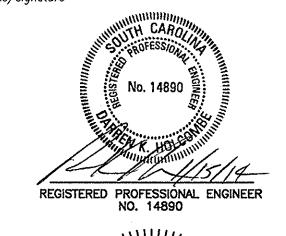


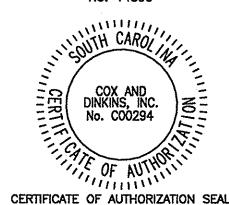
USC CAMPUS PLANNING AND CONSTRUCTION 743 GREENE STREET COLUMBIA, SOUTH CAROLINA 29208

GIBBES GREEN HISTORIC FACILITIES **RENOVATION - PETIGRU COLLEGE** SITEWORK OSE # H27-9835-PD-C

A/E project number 13031.01

seals/signature





CONSTRUCTION DOCUMENTS (NOT FOR CONSTRUCTION) JANUARY 15, 2014

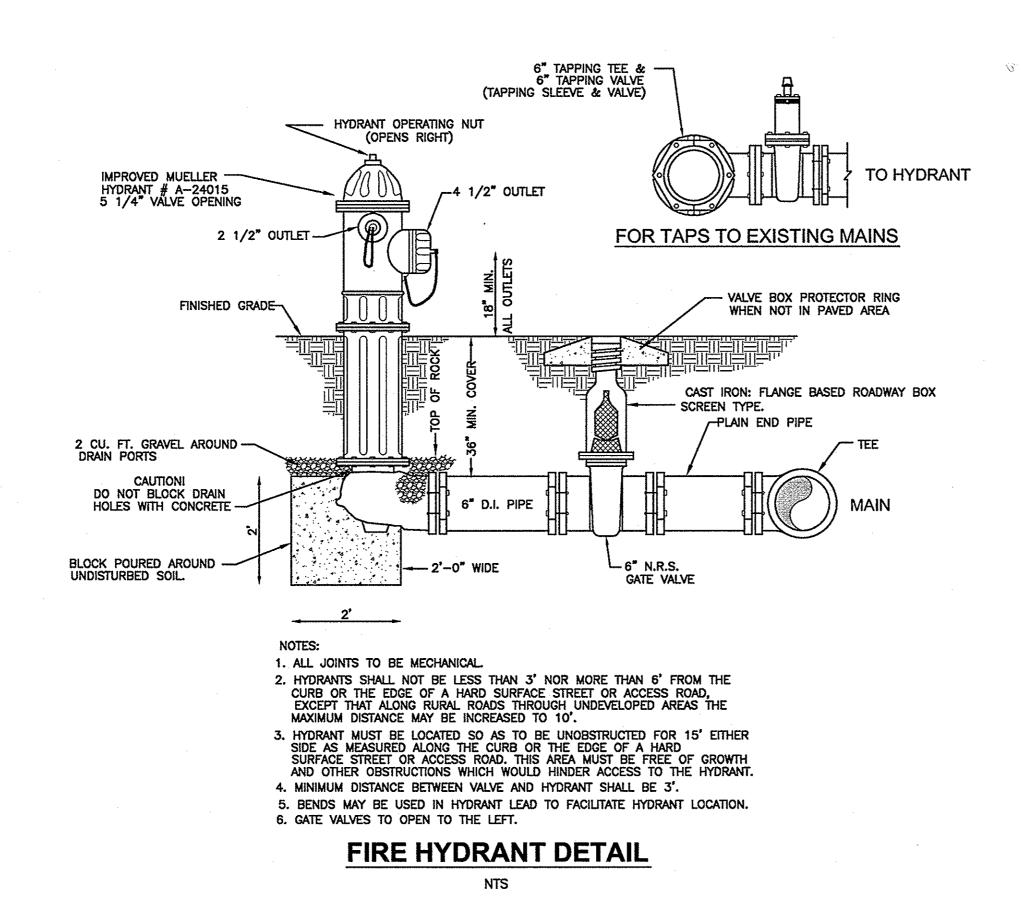
PETIGRU COLLEGE

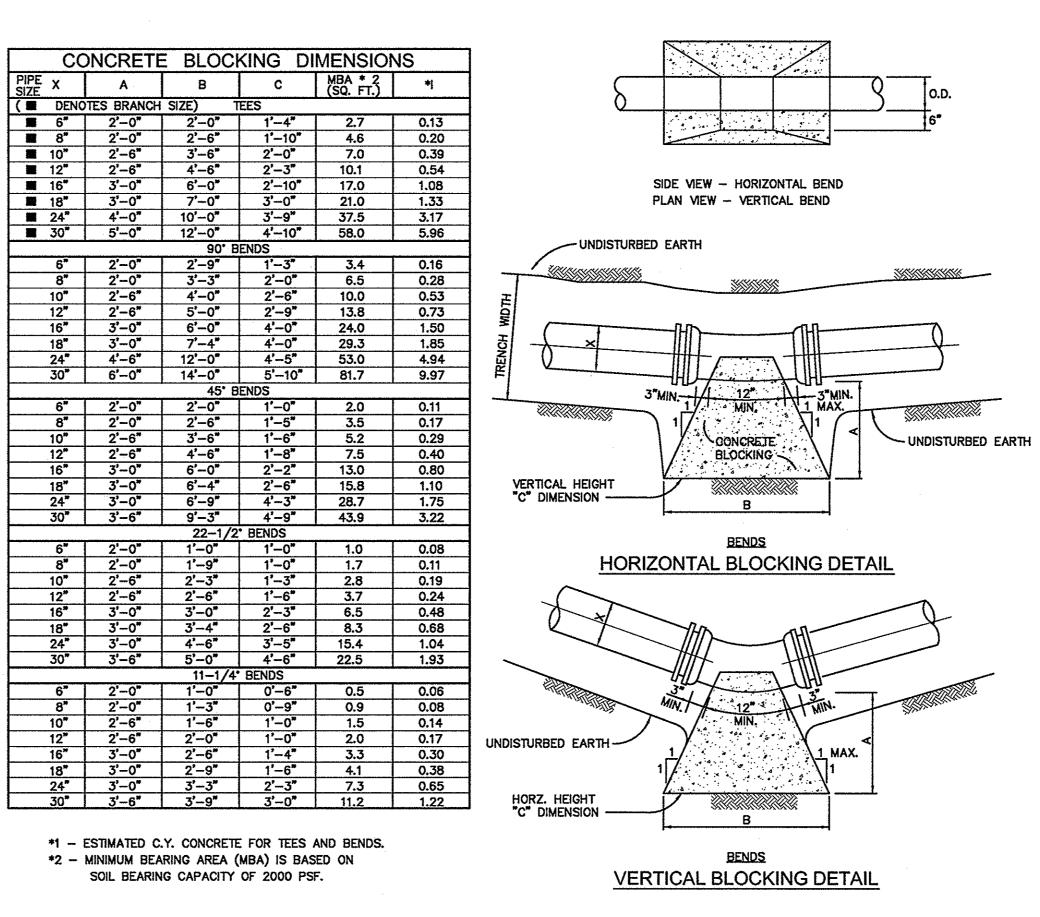


DETAIL SHEET

sheet number

<u>drawn by</u> checked by





THRUST BLOCK DETAILS

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GRIMBALL & A S S O C I A T E S COTTERILL LAUDICAME APPRIENTS & LAND PLANNES

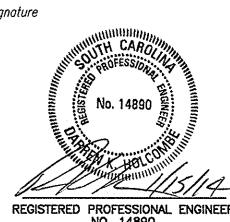


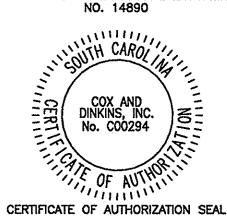
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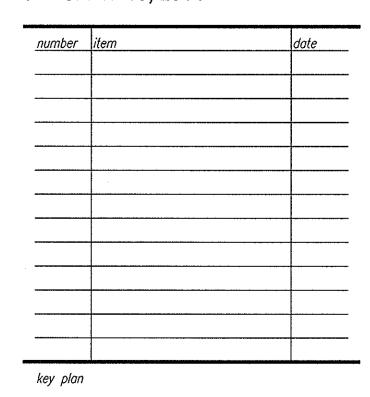
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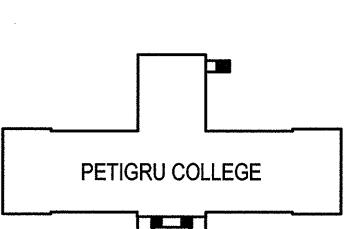




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JANUARY 15, 2014





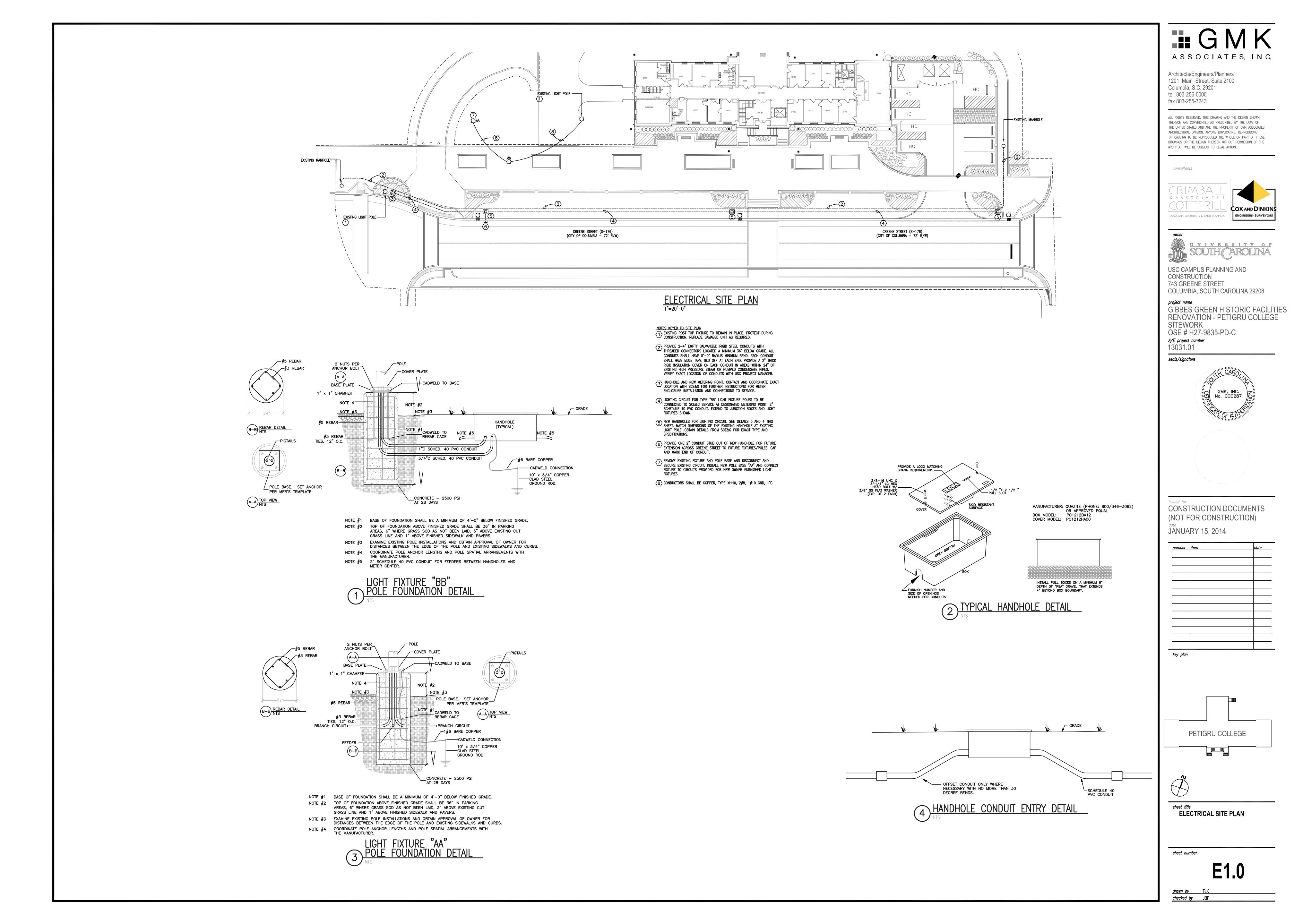


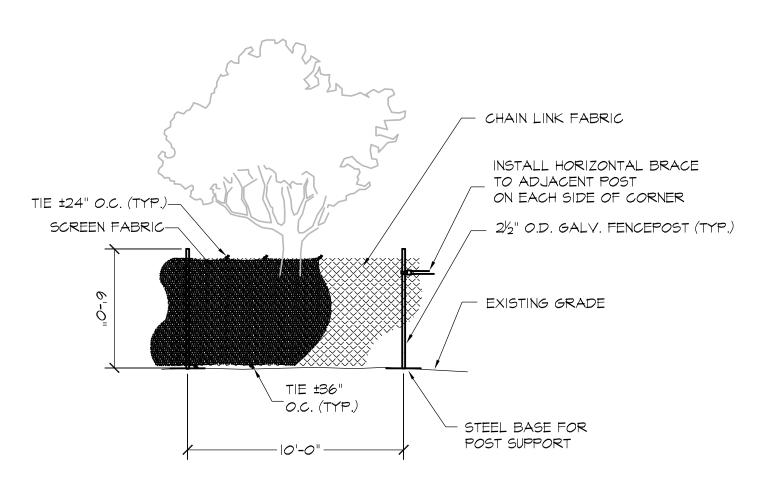
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- NOTES:

 I. SEE LANDSCAPE PLANS FOR LOCATION OF TREE PROTECTION FENCING. 2. SEE "USC SUPPLEMENTAL GENERAL CONDITIONS FOR CONSTRUCTION
- PROJECTS" FOR ADDITIONAL INFORMATION. 3. PROVIDE PROTECTION FENCE FOR ALL TREES TO REMAIN.
- 4. PROTECTION FENCING TO BE PLACED OUTSIDE OF DRIPLINE OF TREE CANOPY UNLESS OTHERWISE INDICATED ON LANDSCAPE PLAN OR APPROVED BY USC PROJECT
- 5. A 4" LAYER OF HARDWOOD MULCH SHALL BE PLACED OVER TREE PROTECTION AREA.
- 6. PROTECTION FENCING SHALL BE IN PLACE AND HARDWOOD MULCH PLACED PRIOR TO BEGINNING CONSTRUCTION.
- 7. REQUESTS FOR PAYMENT SHALL NOT BE APPROVED UNTIL PROTECTION
- FENCING AND MULCH IS IN PLACE. 8. LOCATION OF THE PROTECTION FENCING SHALL BE MARKED BY USC ARBORIST AND APPROVED BY USC PROJECT MANAGER BEFORE INSTALLATION. WHERE CONSTRUCTION IS LIKELY TO OCCUR WITHIN 5' OF PROPOSED LOCATION OF PROTECTION FENCING, CONTRACTOR SHALL HAVE LIMITS OF
- CONSTRUCTION MARKED BY SURVEY BEFORE PROTECTION FENCING IS INSTALLED. 9. SCREEN FABRIC SHALL BE DARK GREEN 85% OPAQUE, POLYETHEYLENE KNIT MESH, UV STABILIZED WITH BURST STRENGTH OF AT LEAST 210 P.S.I.



TREE PROTECTION FENCING

NOT TO SCALE

LANDSCAPE PLAN NOTES 1.15.14

NONE

PROJECT	ΓAREA		
1.06	ACRE @ 30 UNITS/AC	REQUIRED DENSITY FACTOR:	31.8
	C	•	
556	/		
PROTEC	TED TREES REMOVED (UNITS)		0.0

31.8

TOTAL REQUIRED TREE UNITS

REES				4.5
DBH	SPECIES	DFU	UNITS	
3"	LIVE OAK	1.5	1.5	
3"	JAP. MAPLE	1.5	3.0	
NED (UNITS)				
DRH	SPECIES	CONDITION	LINITS	200.0
				200.0
	IVIAPLE	GOOD		
18"	MAPLE	GOOD	8.4	
18"	MAPLE	GOOD	8.4	
18"	DECIDUOUS	GOOD	8.4	
21"	OAK	GOOD	9.6	
25"	OAK	GOOD	20.4	
	DBH 3" 3" NED (UNITS) DBH 17" 18" 18" 18" 21"	DBH SPECIES 3" LIVE OAK 3" JAP. MAPLE NED (UNITS) DBH SPECIES 17" MAPLE 18" MAPLE 18" MAPLE 18" DECIDUOUS 21" OAK	DBH SPECIES DFU 3" LIVE OAK 1.5 3" JAP. MAPLE 1.5 NED (UNITS) DBH SPECIES CONDITION 17" MAPLE GOOD 18" MAPLE GOOD 18" MAPLE GOOD 18" MAPLE GOOD 18" DECIDUOUS GOOD 21" OAK GOOD	DBH SPECIES DFU UNITS 3" LIVE OAK 1.5 1.5 3" JAP. MAPLE 1.5 3.0 NED (UNITS) DBH SPECIES CONDITION UNITS 17" MAPLE GOOD 8 18" MAPLE GOOD 8.4 18" MAPLE GOOD 8.4 18" DECIDUOUS GOOD 8.4 21" OAK GOOD 9.6

OAK

SUMMARY

TOTAL REQUIRED TREE UNITS	31.8
TOTAL TREES PROVIDED (UNITS)	4.5
TOTAL TREES TO REMAIN (UNITS)	200.0
SITE SURPLUS (UNITS)	172.7

GOOD

GOOD

GOOD

GOOD

GOOD

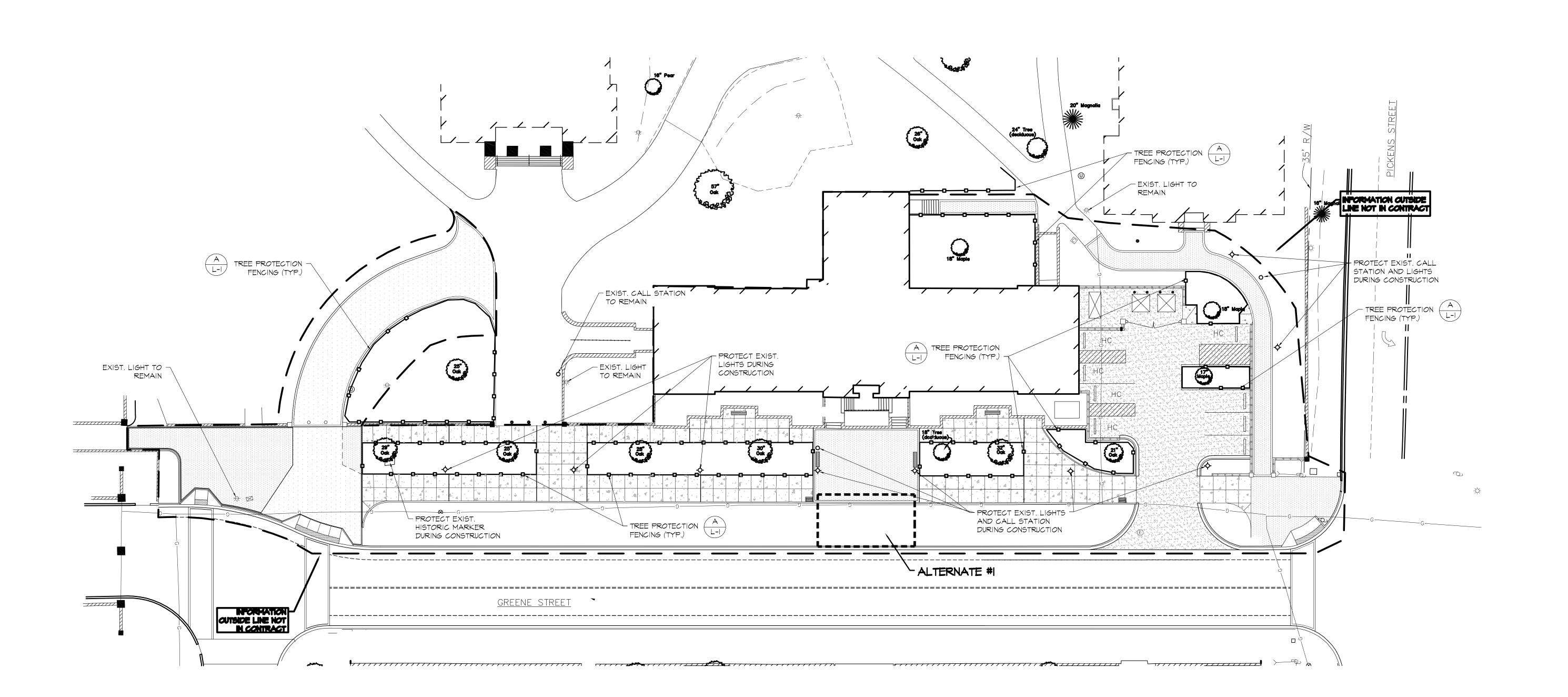
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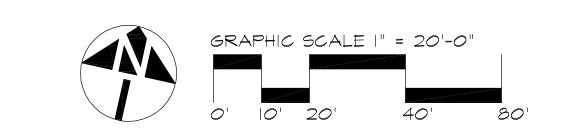
25.8

27.6

29.4

33.6







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& A S S O C I A T E



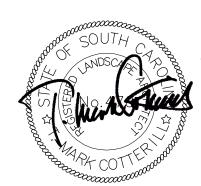


CONSTRUCTION 743 GREENE STREET COLUMBIA, SOUTH CAROLINA 29208 project name

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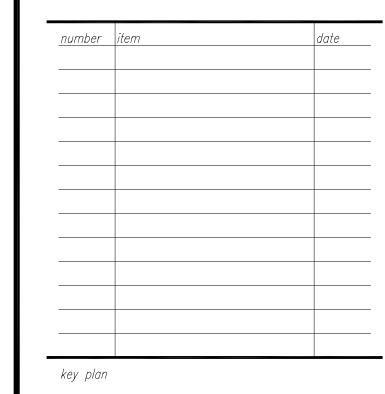
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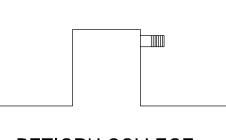




CONSTRUCTION DOCUMENTS

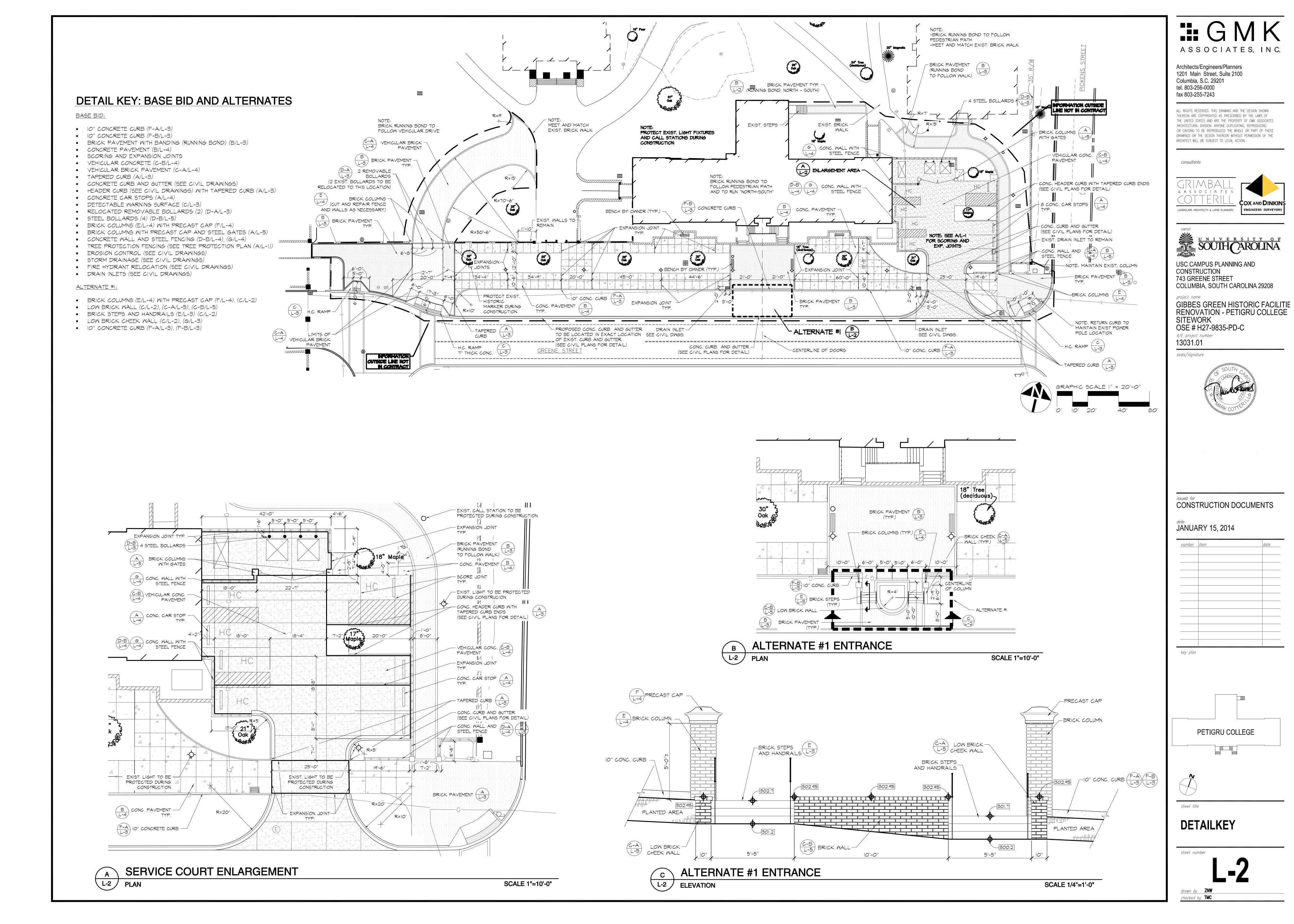
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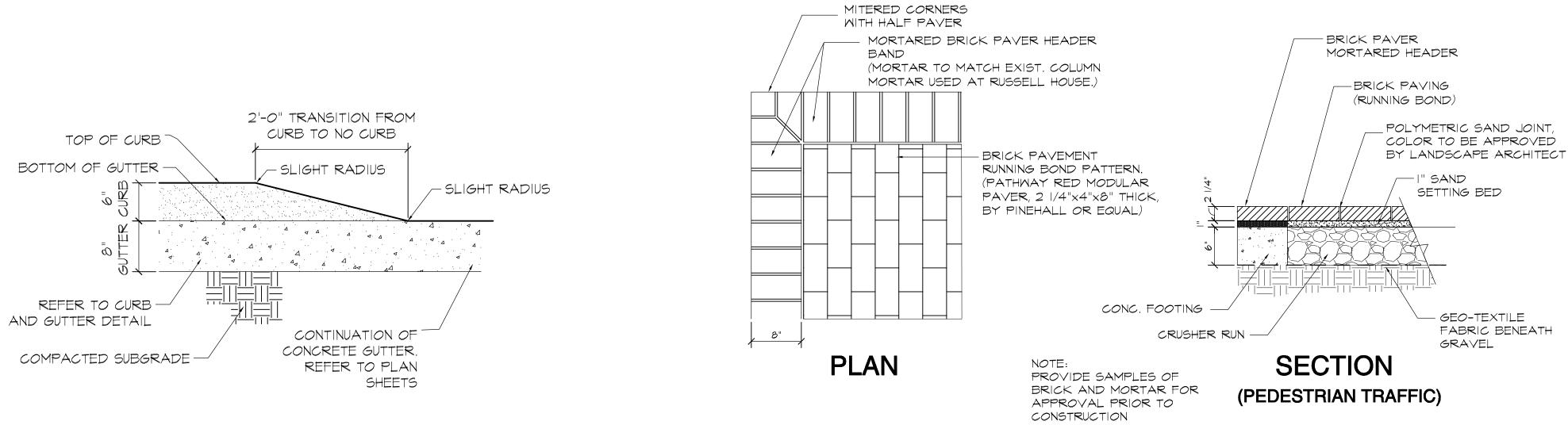


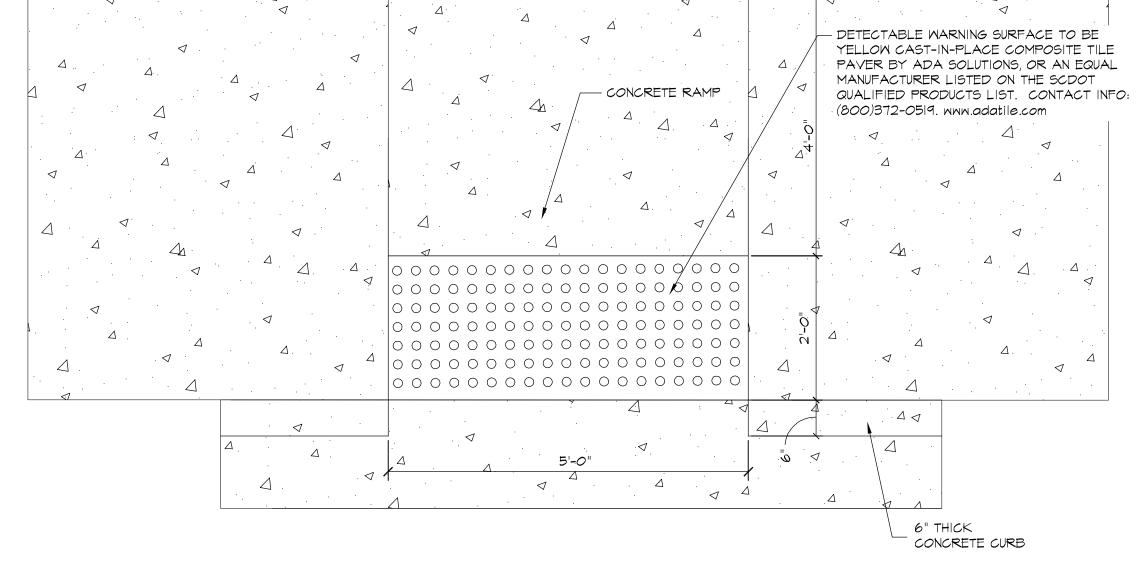


PETIGRU COLLEGE









-FOR LENGTH OF HANDRAILS

MEASURE IN FIELD

DETECTABLE WARNING SURFACE L-3 PLAN

USC CAMPUS PLANNING AND CONSTRUCTION

743 GREENE STREET COLUMBIA, SOUTH CAROLINA 29208

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COX AND DINKIN

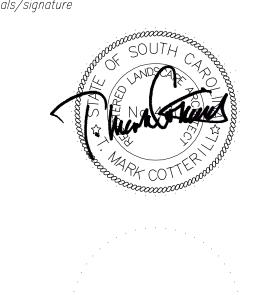
ENGINEERS · SURVEYORS

13031.01

A/E project number

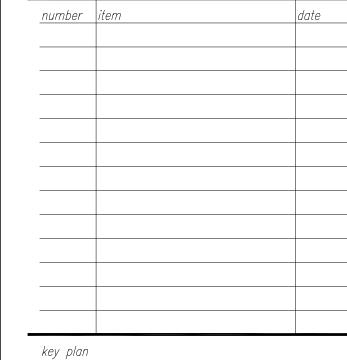
seals/signature

SCALE 3/4"=1'-0"



CONSTRUCTION DOCUMENTS

JANUARY 15, 2014



SCALE 1"=1'-0"

PETIGRU COLLEGE

DETAILS

BRICK PAVEMENT / PEDESTRIAN

PLAN / SECTION SCALE 1"=1'-0"

SCALE 1"=1'-0"

" SAND

SETTING BED

- GEO-TEXTILE

GRAVEL

FABRIC BENEATH

I. BOLLARDS TO BE BY FAIRMEATHER SITE FURNISHINGS, PORT ORCHARD, WA (800-323-1798) OR APPROVED EQUAL. 2. BOLLARDS TO BE POWDER-COATED BLACK. 3. INSTALL BOLLARD RECEIVER 1/4" BELOW FINISH GRADE TO ALLOW COVER TO BE FLUSH WITH FINISH GRADE. 4. PROVIDE SOLID BRONZE PADLOCK EQUAL TO WILSON BOHANNON #660 FOR ALL RELOCATED REMOVABLE BOLLARDS. COORDINATE KEYING WITH USC MAINTENANCE. 5. PROVIDE 6" RECEIVER COVER ACCESSORY.

-LOCK TAB

COVER

LOCK WELL

SCALE 1"=1'-0"

TAPERED CURB

6" X 36" REMOVABLE

FOR LOCATIONS OF

BOLLARD INSERT-

RELOCATED REMOVABLE BOLLARD

BOLLARD BY FAIRWEATHER,

MODEL # B-I. SEE SHEET L-I

SECTION A

FINISH GRADE -

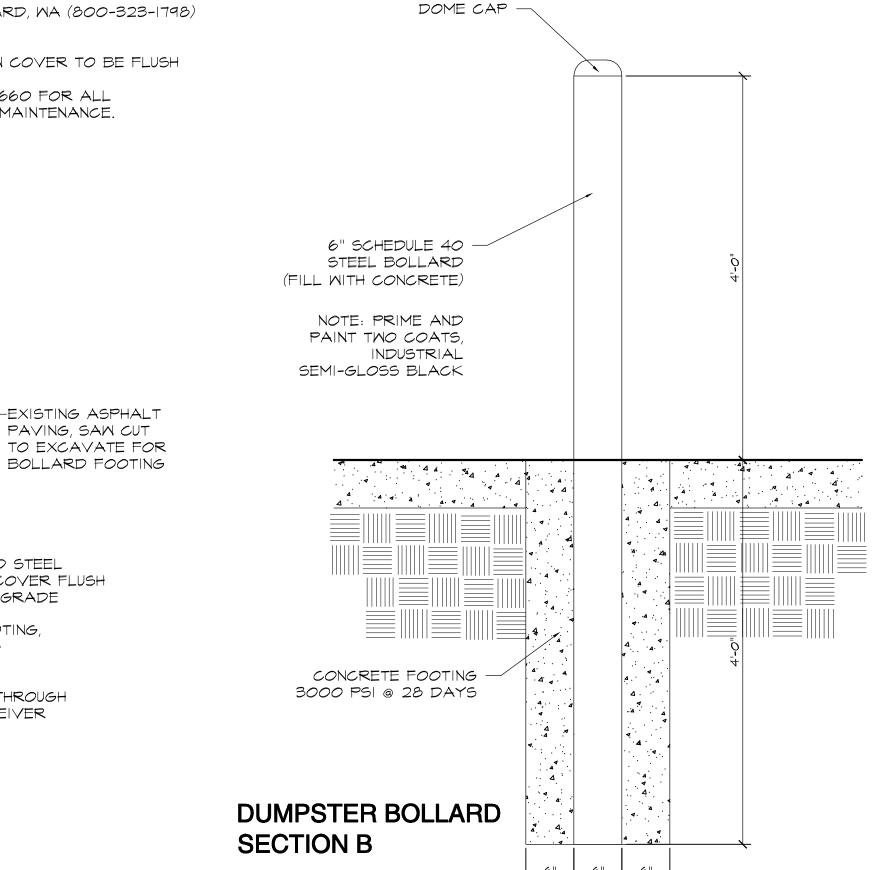
#4 REBAR

28 DAYS

CONTINUOUS TYP.

3000 PSI, CURE

REMOVABLE BOLLARDS.



STEEL / RELOCATED REMOVABLE BOLLARD / DUMPSTER BOLLARD L-3 / SECTION

GALVANIZED STEEL

WITH FINISH GRADE

12" #3 REBAR THROUGH BOLLARD RECEIVER

CONCRETE FOOTING,

3000 PSI @ 28

6" POCKET #57

- CONC. WALK

(3,000 PSI)

4" COMPACTED CRUSHER RUN STONE BASE (98%)

98% COMPACTED SUBGRADE

STONE FOR

DRAINAGE

SUBGRADE (95 %

COMPACTED

RECEIVER, COVER FLUSH

-EXISTING ASPHALT

PAVING, SAW CUT

 $_{-}$ $^{3}4$ " RADIUS TYP. POLYMETRIC SAND JOINT, COLOR TO BE APPROVED BY LANDSCAPE ARCHITECT - BRICK PAVING RUNNING BOND FINISH GRADE -- SAND SETTING BED 4" COMPACTED CRUSHER RUN STONE BASE (98%) GEO-TÈXTILE FABRIC BENEATH GRAVEL - 98% COMPACTED SUBGRADE #4 REBAR 3000 PSI, CURE -28 DAYS

CONSTRUCTION.

I. ALL BRICK PATHWAY RED MODULAR PAVER 21/4"x4"x8" THICK BY PINEHALL OR EQUAL 2. MORTAR TO MATCH EXIST. COLUMN MORTAR USED AT RUSSELL HOUSE. 3. PROVIDE SAMPLES OF BRICK AND MORTAR FOR APPROVAL PRIOR TO

SECTION B

CONCRETE CURB AT WALK / BRICK PAVERS

SECTION A

3/4" RADIUS TYP.

THICKENED EDGE

- EXPANSION

L-3 / SECTION SCALE 1"=1'-0"

/-CONTRACTOR SHALL SUPPLY CHANNEL TO CONNECT HANDRAIL MOULDING TO JULIUS BLUM #444IS STEEL -I-I/2" STEEL POST STRAIGHT LAMB'S TOUNGE (TYP.) ¥ 1'-0" -JULIUS BLUM #4441 STEEL HANDRAIL MOULDING (TYP.) I-I/2" SQ. TUBULAR STEEL -POST (TYP.) -NOTE: RAKE JOINT 1/2" DEEP UNDER STEP TREAD BRICK EXPANSION JOINT -SANDSWEPT BRICK WALK -I" SAND SETTING BED — -EXPANSION JOINT -SET POSTS WITH NON SHRINK GROUT - JULIUS BLUM #203 CAST IRON TUBE SOCKET (TYP.) -SANDSWEPT BRICK WALK 6" COMPACTED GRAVEL BASE -I" SAND SETTING BED GEOTEXTILE FABRIC CONCRETE FOOTING COMPACT (3000 PSI) SUBGRADE COMPACT SUB-GRADE TO 95% SPD -6" COMPACTED GRAVEL BASE #4 REBAR |2" O.C.-COMPACTED SUBGRADE EACH MAY - CONCRETE FOOTING (3000 PSI) ALL BRICK PATHWAY RED MODULAR PAVER 21/4"x4"x8" THICK BY MORTAR TO MATCH EXIST. COLUMN MORTAR USED AT RUSSELL HOUSE.

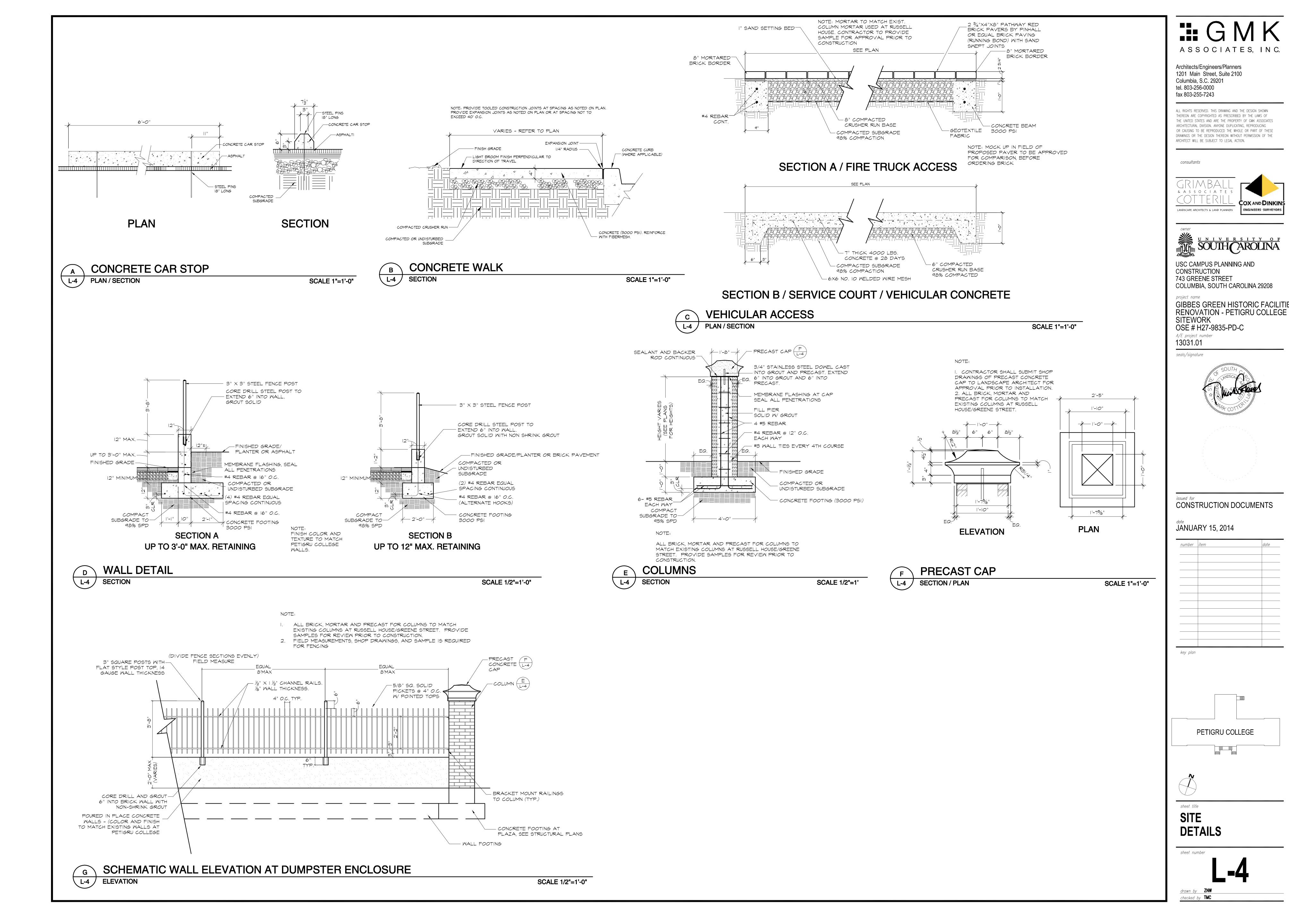
BRICK STEPS (ALTERNATE #1)

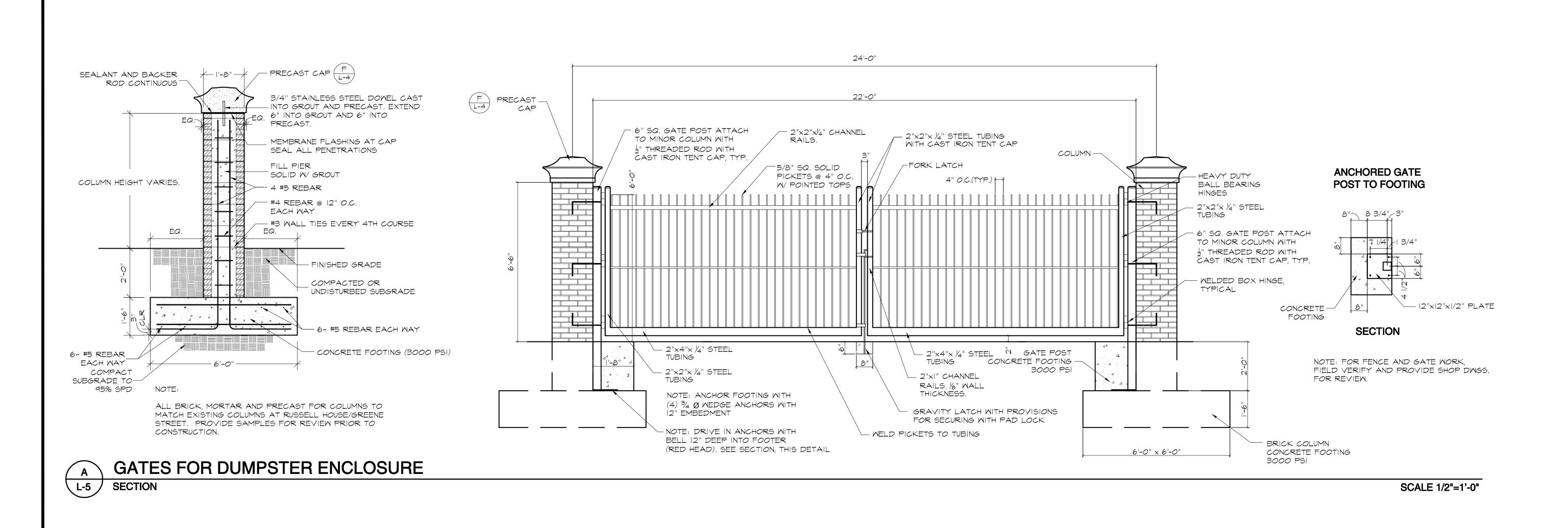
TO CONSTRUCTION.

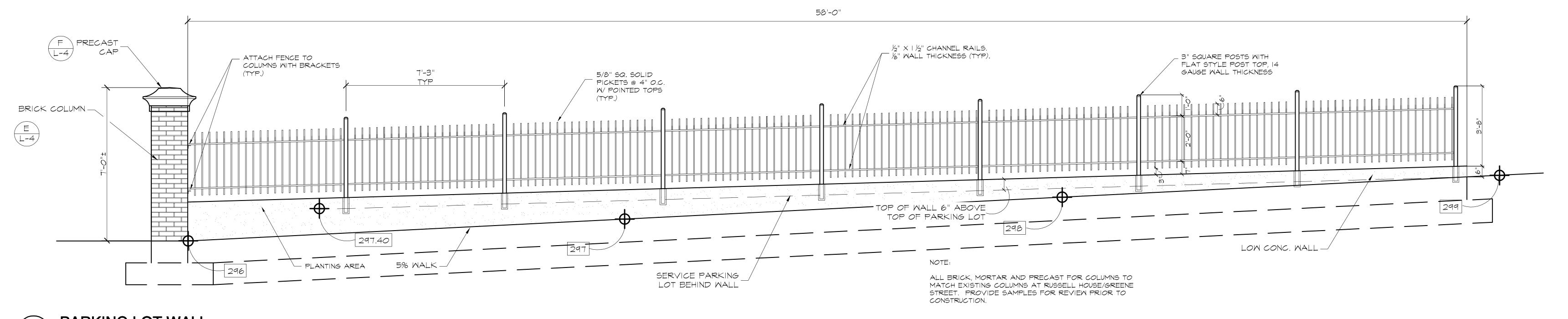
PROVIDE SAMPLES OF BRICK AND MORTAR FOR APPROVAL PRIOR

4. SHOP DRAWING AND SAMPLE IS REQUIRED FOR HANDRAIL

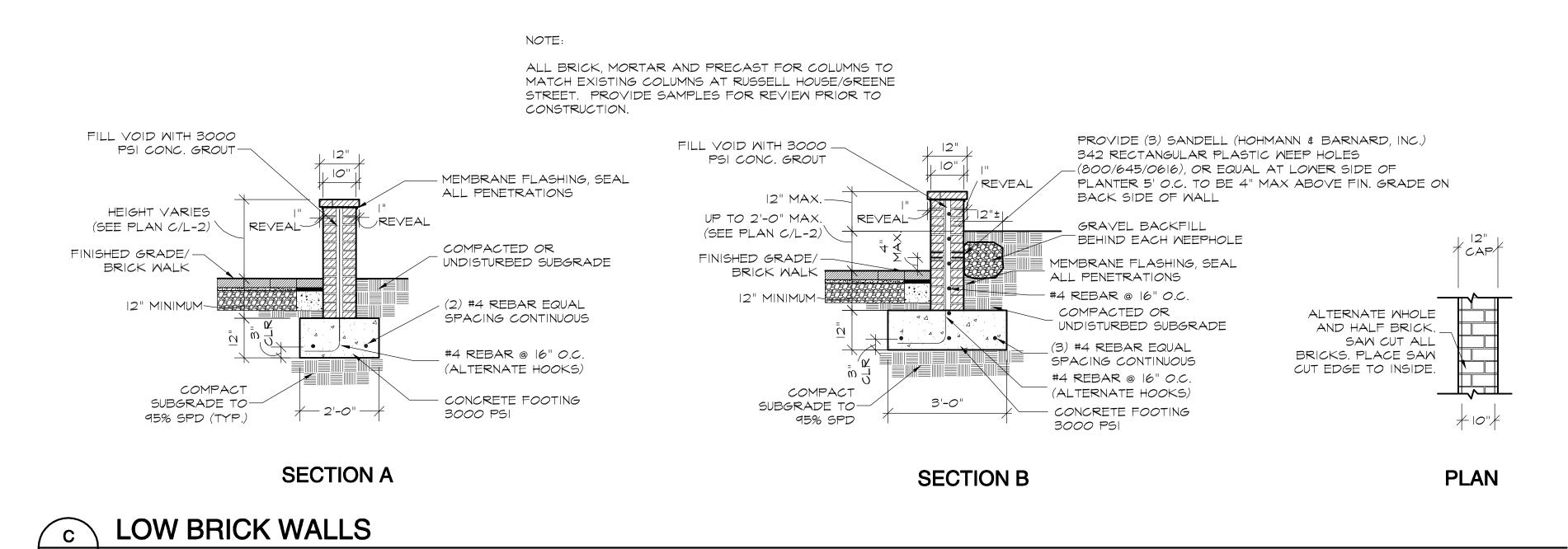
SECTION ∖ L-3 */*







PARKING LOT WALL L-5 ELEVATION SCALE 1/2"=1'-0"



SCALE 1/2"=1'-0"

ASSOCIATES, INC.

Architects/Engineers/Planners 1201 Main Street, Suite 2100 Columbia, S.C. 29201 tel. 803-256-0000 fax 803-255-7243

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& A S S O C I A T E





USC CAMPUS PLANNING AND CONSTRUCTION 743 GREENE STREET COLUMBIA, SOUTH CAROLINA 29208

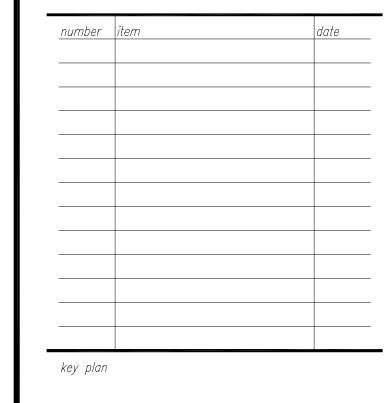
GIBBES GREEN HISTORIC FACILITIE **RENOVATION - PETIGRU COLLEGE** SITEWORK OSE # H27-9835-PD-C A/E project number 13031.01

seals/signature

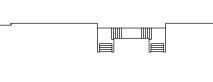


CONSTRUCTION DOCUMENTS

JANUARY 15, 2014



PETIGRU COLLEGE





sheet title SITE **DETAILS**

checked by TMC

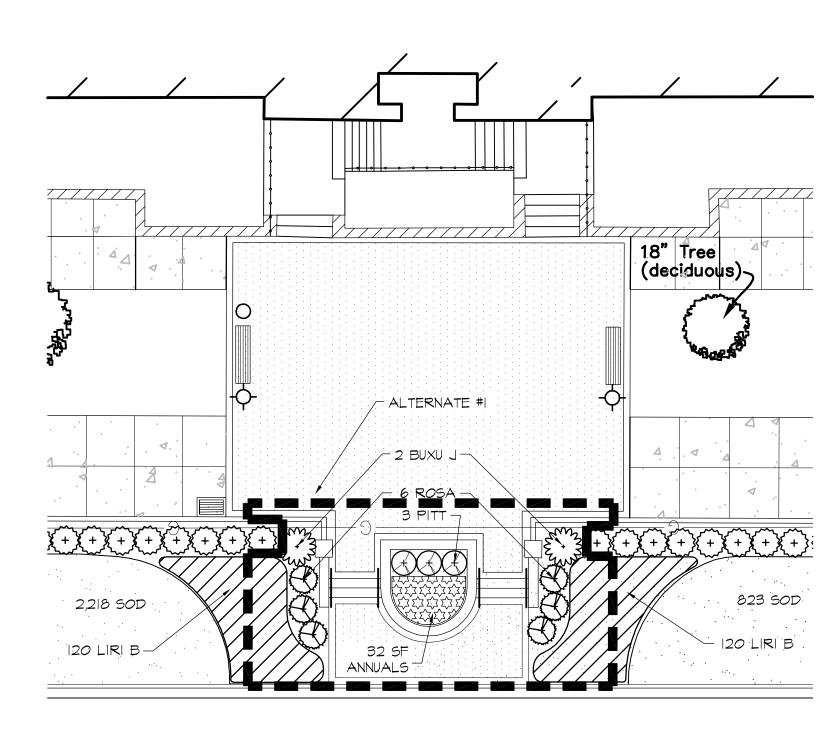
PLANT LIST - BASE BID

ABBR.	BOTANICAL NAME	COMMON NAME CALIPER SPREAD HEIGHT BALL DIA, NO. C					CANEC COMMENTS		
, (DD) (.			CALIPER	. SPREAD 	HEIGHT	BALL DIA.	NO. CANES	OOT IT IEN TO	QTY.
ACER J	ACER PALMATUM 'BLOODGOOD'	JAPANESE MAPLE	3"	5'	8'	32"	I	SPECIMEN	2
QUER V	QUERCUS VIRGINIANA	LIVE OAK	3"	6'	14'-16'	32"	I		I
ABEL S	ABELIA X GRANDIFLORA 'SHERMOOD'	'SHERWOOD' ABELIA		15"	12"	3 GAL.	3-5	PLANT 3' 0.C.	II
BUXU J	BUXUS MICROPHYLLA JAPONICUM	JAPANESE BOXWOOD		30"	30"	7 GAL.	3-5	PLANT AS SHOWN	6
DRY0	DRYOPTERIS ERYTHROSORA	AUTUMN FERN		12"	15"	I GAL.	3-5	PLANT 2' O.C.	48
HYDR	HYDRANGEA MACROPHYLLA	HYDRANGEA		24"	24"	3 GAL.	3-5	PLANT AS SHOWN	5
LEX C	ILEX CORNUTA 'CARISSA'	CARISSA HOLLY		15"-18"	12"	3 GAL.	3-5	PLANT 3' 0.C.	92
OSMA	OSMANTHUS FRAGRANS	FRAGRANT TEA OLIVE		24"	30"	7 GAL.	3-5	PLANT 4' 0.C.	8
PANI	PANICUM VIRGATUM	SWITCHGRASS		18"	18"	3 GAL.		PLANT 3' O.C.	9
PITT	PITTOSPORUM TOBIRA 'WHEELER'S DWARF'	DWARF PITTOSPORUM		15"	15"	3 GAL.	3-5	PLANT 3' O.C.	40
PODO	PODOCARPUS MACROPHYLLUS MAKI 'PRINGLES'	PODOCARPUS		12"	15"	3 GAL.	5-9	PLANT 3' O.C.	15
VIBU O	VIBURNUM OBAVATUM 'MRS. SCHILLER'S DELIGHT'	MRS. SCHILLER'S DELIGHT VIBURNUM		15"	15"	3 GAL.	3-5	PLANT 30' O.C.	28
ANNUALS	ANNUAL FLOWERS	(VARIETY TO BE SELECTED)							73 SF
LIRI B	LIRIOPE MUSCARII 'BIG BLUE'	'BIG BLUE' LIRIOPE				PINT		PLANT 12" O.C.	1,099
50D	CYNODON DACTYLON	BERMUDA GRASS - TIFFWAY 419						MELL ROOTED	5,762 Si

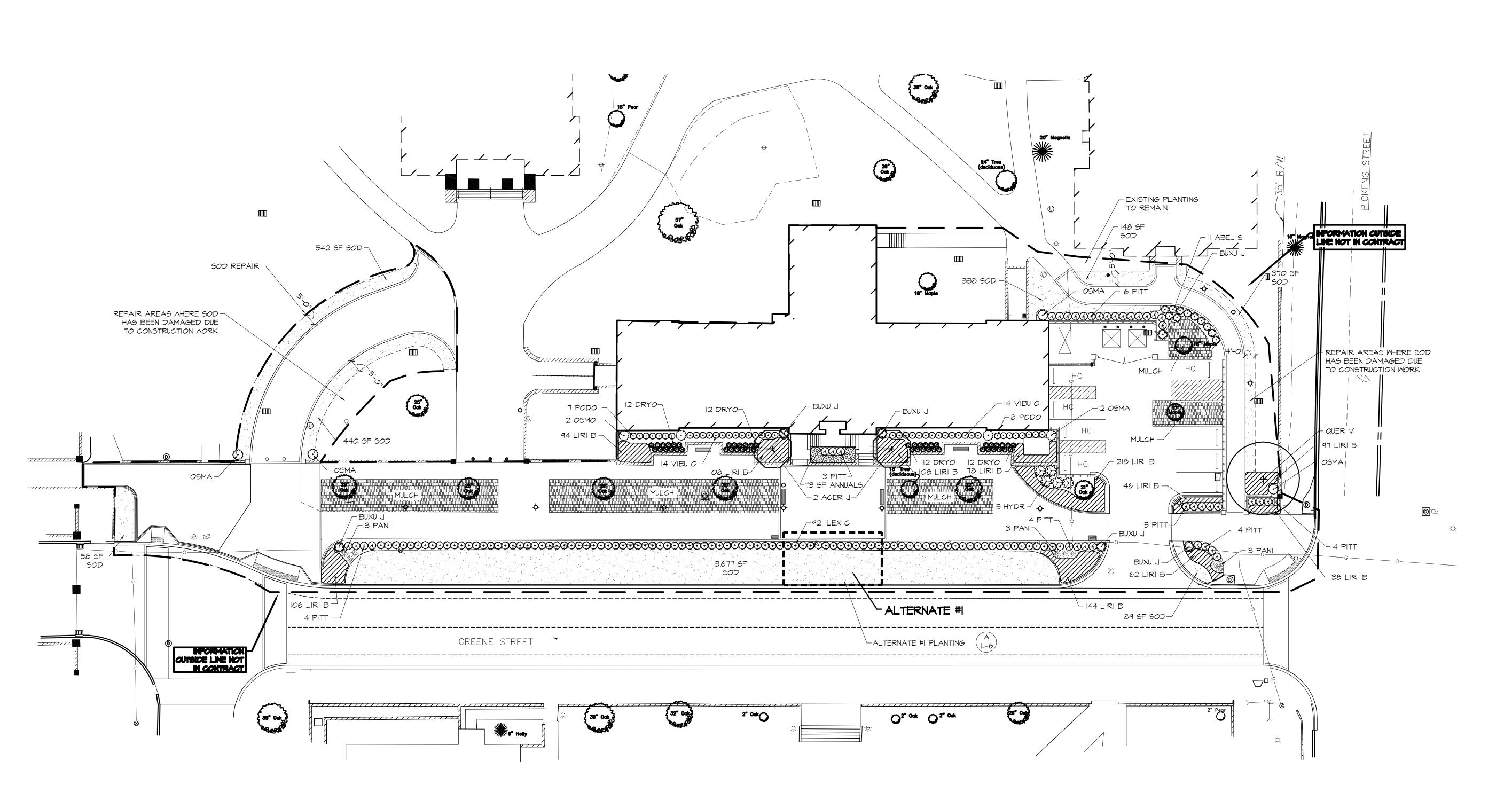
PLANT LIST - ALTERNATE #1

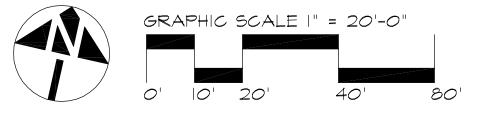
ABBR.	BOTANICAL NAME	COMMON NAME			MINIMU			COMMENTS	QTY
ADDN.	DOTANICAL NAME	COMMON NAME	CALIPER	SPREAD	HEIGHT	BALL DIA.	NO. CANES	COMMENTS	QII
BUXU J	BUXUS MICROPHYLLA JAPONICUM	JAPANESE BOXWOOD		30"	30"	7 GAL.	3-5	PLANT AS SHOWN	2
PITT	PITTOSPORUM TOBIRA 'WHEELER'S DWARF'	DWARF PITTOSPORUM		15"	15"	3 GAL.	3-5	PLANT 3' O.C.	3
ROSM	ROSMARINUS OFFICINALIS	ROSEMARY		15"	15"	3 GAL.	3-5	PLANT 3' O.C.	6
ANNUALS	ANNUAL FLOWERS	(VARIETY TO BE SELECTED)							32 S
LIRI B	LIRIOPE MUSCARII 'BIG BLUE'	'BIG BLUE' LIRIOPE				PINT		PLANT 12" O.C.	240

NOTE: DELETE II CARISSA HOLLY, DELETE 636 SF SOD FROM BASE BID PLANT LIST.











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ALTERNATE #1 NOTE

DELETE II CARISSA HOLLY

- 2 JAPANESE BOXWOOD - 3 DWARF PITTOSPORUM

- 240 BIG BLUE LIRIOPE - 32 SF OF ANNUALS

DELETE 636 SF SOD

- 6 ROSEMARY

• ADD:



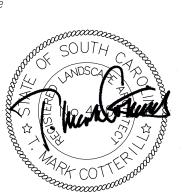


CONSTRUCTION 743 GREENE STREET COLUMBIA, SOUTH CAROLINA 29208

GIBBES GREEN HISTORIC FACILITIE RENOVATION - PETIGRU COLLEGE SITEWORK OSE # H27-9835-PD-C A/E project number

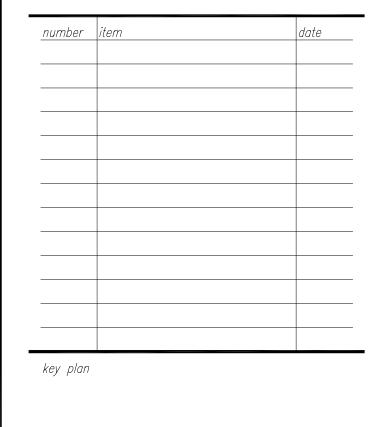
13031.01

seals/signature

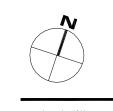


CONSTRUCTION DOCUMENTS

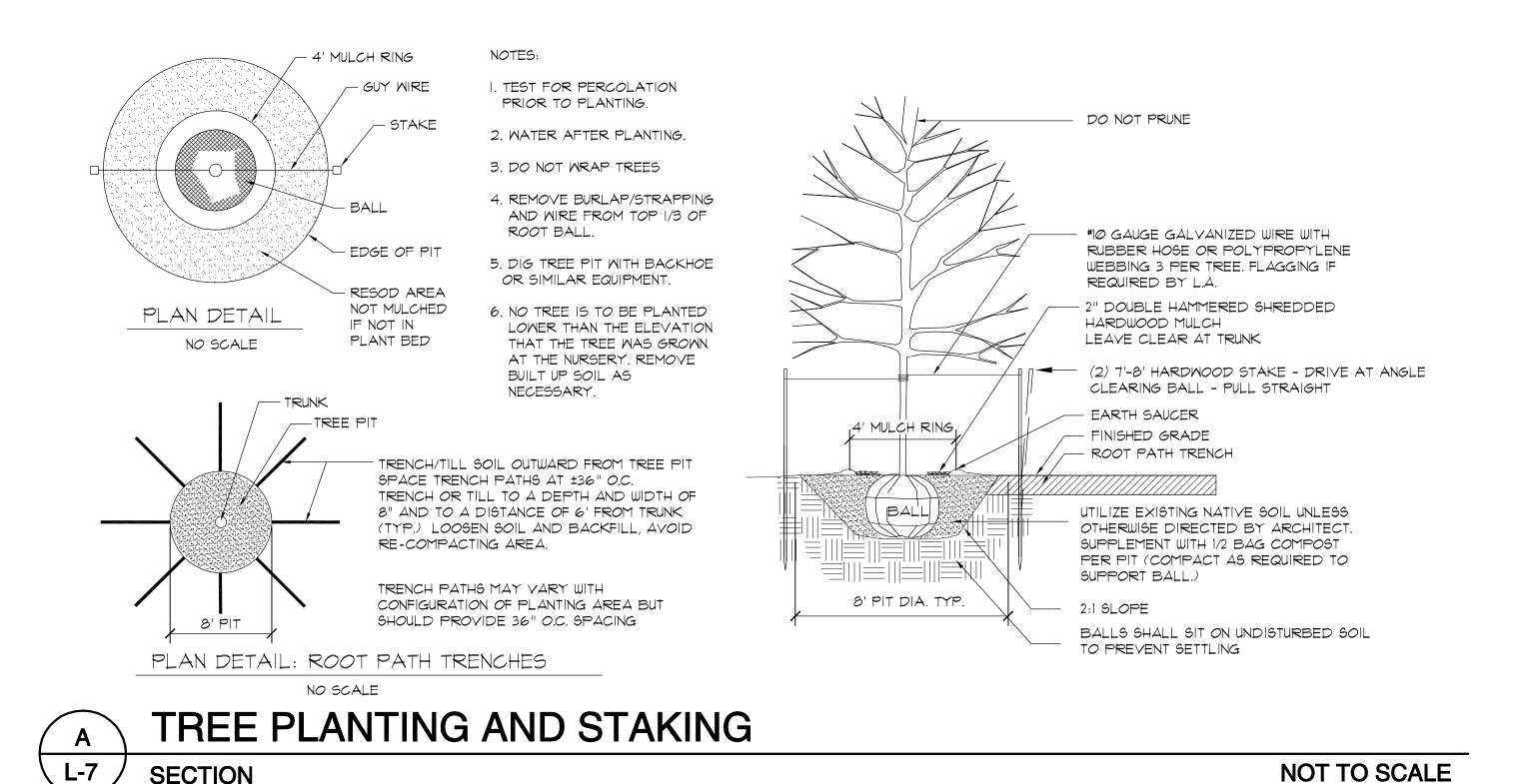
JANUARY 15, 2014



PETIGRU COLLEGE



PLANTING

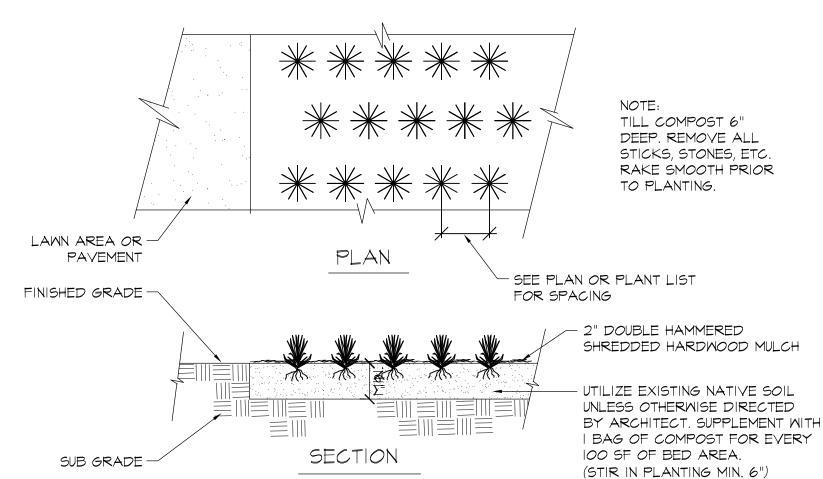


- 2" DOUBLE HAMMERED SHREDDED HARDWOOD MULCH - FINISHED GRADE UTILIZE EXISTING NATIVE SOIL UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT. SUPPLEMENT WITH 1/4 MUSHROOM COMPOST. (COMPACT AS REQUIRED TO SUPPORT BALL.) LOOSEN SUBGRADE WITH A PICK PRIOR TO ADDING TOPSOIL MIXTURE I. TEST FOR PERCOLATION PRIOR TO PLANTING. 2. REMOVE PAPER, PLASTIC OR METAL CONTAINER THAT MAY BE AROUND ROOTS 3. WATER AFTER PLANTING



4. DO BED PREPARATION ON ALL

SHRUB & GROUNDCOVER AREAS



TYPICAL GROUNDCOVER PLANTING NOT TO SCALE

INSTRUCTIONS FOR PERFORMING A PERCOLATION TEST

I. WITH A SHOVEL OR POSTHOLE DIGGER, DIG HOLE 18" TO 24" DEEP. HOLE DIAMETER SHOULD BE A MINIMUM OF 4 INCHES. THE DIAMETER OF THE HOLE SHOULD BE UNIFORM FROM TOP TO BOTTOM WITH THE BOTTOM BEING FLAT.

2. FILL HOLE WITH WATER TO THE TOP AND LET STAND FOR AT LEAST AN HOUR TO PRE-WET THE SOIL. 3. REFILL HOLE TO WITHIN A COUPLE INCHES OF THE TOP. DON'T OVERFLOW THE

4. TO AID IN MEASUREMENT, PLACE A STICK ACROSS THE TOP OF THE HOLE AND USE A RULER OR MEASURING TAPE TO MARK PERIODIC DROPS IN WATER

5. ALLOW THE HOLE TO DRAIN FOR AT LEAST ONE HOUR. A LONGER PERIOD OF TIME (2 TO 3 HOURS) WILL GIVE A MORE ACCURATE READING OF AVERAGE PERCOLATION RATES.

6. DETERMINE AVERAGE DROP IN WATER LEVEL PER HOUR AND REFER TO THE TABLE BELOW TO INTERPRET RESULTS.

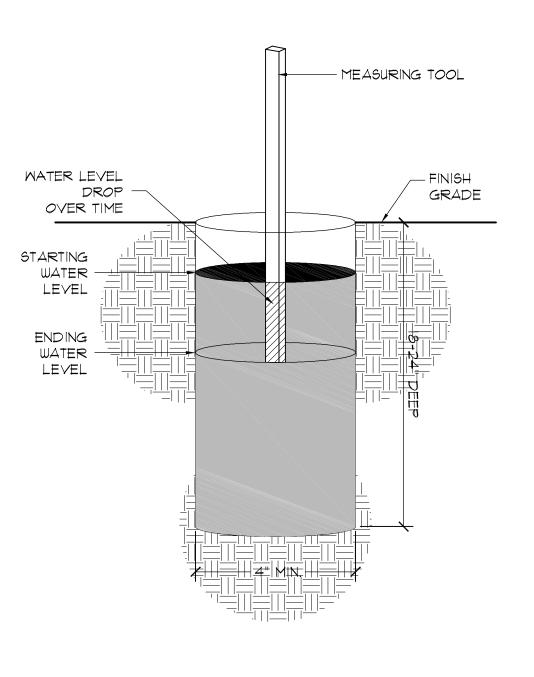
HOW TO INTERPRET RESULTS					
IF WATER LEVEL IN HOLE DROPS	SITE IS				
LESS THAN ONE-HALF INCH PER HOUR	POORLY DRAINED AND SUITED TO WET -SITE SPECIES				
ONE HALF-INCH TO ONE INCH PER HOUR	MODERATELY WELL DRAINED AND ACCEPTABLE FOR MANY SPECIES INCLUDING WET SITE SPECIES				
MORE THAN ONE INCH PER HOUR	WELL DRAINED AND SUITABLE FOR ALL SPECIES INCLUDING SENSITIVE SPECIES				

PERCOLATION TEST

ISOMETRIC

L-7

PERCOLATION TEST HOLE



NOT TO SCALE

GENERAL NOTES

I. EXISTING ECOLOGY AND AESTHETICS WILL OFTEN CAUSE ADJUSTMENT OF THESE PLANS TO FIT THE SITE. STAKE-OUT BY THE CONTRACTOR AND ADJUSTMENT BY THE LANDSCAPE ARCHITECT IS ABSOLUTELY NECESSARY.

2. LOCATIONS OF THOSE UTILITIES SHOWN ARE APPROXIMATE AND FOR INFORMATION PURPOSES ONLY. CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXACT LOCATION OF ALL UTILITIES WHETHER SHOWN OR NOT SHOWN ON THESE PLANS, AND SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGE RESULTING FROM THE FAILURE TO DO SO. CONTACT PALMETTO UTILITY PROTECTION SERVICE AT 1-888-721-7877 AT LEAST 72 HOURS PRIOR TO COMMENCING CONSTRUCTION.

3. CONTRACTOR SHALL INFORM LANDSCAPE ARCHITECT IF PROPOSED DESIGN IS IN CONFLICT WITH EXISTING OR PROPOSED UTILITIES. CONTRACTOR SHALL COORDINATE WITH LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION TO ADJUST PROPOSED DESIGN OR UTILITIES AS NECESSARY TO RESOLVE CONFLICTS.

4. BASE PLAN DATA DERIVED FROM SITE SURVEY. PROVIDED BY COX AND DINKING DATED MARCH 21, 2012.

PLANTING NOTES

I. PLANTS LABELED NIC ARE NOT IN CONTRACT AND ARE NOT A PART OF THIS PHASE OF WORK.

2. REQUIREMENTS FOR THE MEASUREMENTS, BRANCHING, GRADING, QUALITY, BALLING AND BURLAPPING OF PLANTS IN THE PLANT LIST GENERALLY FOLLOWS OR EXCEEDS A CODE OF STANDARDS CURRENTLY RECOMMENDED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN THE AMERICAN STANDARD FOR NURSERY STOCKS. SEE THE PLANT LIST FOR MORE RESTRICTIVE REQUIREMENTS.

3. ALL PLANTS SHALL HAVE A WELL FORMED HEAD WITH MINIMUM CALIPER, HEIGHT AND SPREAD OF THE SIDE BRANCHES AS SHOWN ON THE PLANT LIST. TRUNKS SHALL BE UNDAMAGED AND SHAPE SHALL BE TYPICAL OF THE SPECIES.

4. MEASUREMENT OF CONIFER HEIGHT SHALL INCLUDE NOT MORE THAN FIFTY (50) PER CENT OF THIS YEARS' VERTICAL GROWTH (TOP CANDLE).

5. THE LANDSCAPE CONTRACTOR IS HEREBY NOTIFIED OF THE EXISTENCE OF UNDERGROUND UTILITIES WITHIN THE LIMITS OF THE PROJECT AREA. THE CONTRACTOR SHOULD VERIFY THE EXACT LOCATION OF ALL UTILITY LINES PRIOR TO COMMENCEMENT OF DIGGING OPERATIONS.

6. THE CONTRACTOR WILL BE RESPONSIBLE FOR STAKING AND LAYOUT OF PLANTINGS ON THIS PROJECT. THE LANDSCAPE ARCHITECT OR OWNER SHALL BE ADVISED WHEN STAKES ARE READY FOR INSPECTION ON VARIOUS PLANTING AREAS. ALL LAYOUT WORK SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT AND OWNER PRIOR TO OPENING ANY PLANTING PITS.

7. IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO VERIFY THAT EACH EXCAVATED TREE OR SHRUB PIT WILL PERCOLATE (DRAIN) PRIOR TO ADDING TOPSOIL AND INSTALLING TREES OR SHRUBS. THE CONTRACTOR SHALL DO PERCOLATION TEST AS DETAILED ON DETAIL H/L-102. THE OWNER OR LANDSCAPE ARCHITECT SHALL VERIFY ACCURACY AND EFFECT OF PERCOLATION TESTING. IF THE SOIL AT GIVEN AREA DOES NOT DRAIN PROPERLY, A PVC DRAIN OR GRAVEL SUMP SHALL BE INSTALLED OR THE PLANTINGS RELOCATED.

8. SHOULD THE LANDSCAPE CONTRACTOR ENCOUNTER UNSATISFACTORY SURFACE OR SUBSURFACE DRAINAGE CONDITIONS, SOIL DEPTH, LATENT SOILS, HARD PANS, STEAM OR OTHER UTILITY LINES OR OTHER CONDITIONS THAT WILL JEOPARDIZE THE HEALTH AND VIGOR OF THE PLANTS, HE MUST ADVISE THE LANDSCAPE ARCHITECT IN WRITING OF THE CONDITIONS PRIOR TO INSTALLING THE PLANTS. OTHERWISE, THE LANDSCAPE CONTRACTOR WARRANTS THAT THE PLANTING AREAS ARE SUITABLE FOR PROPER GROWTH AND DEVELOPMENT OF THE PLANTS TO BE INSTALLED.

9. PLANTING PITS FOR TREE AND SHRUBS SHALL BE PREPARED AS PER DETAILS.

10. DOUBLE HAMMERED SHREDDED HARDWOOD MULCH SHALL BE APPLIED TO ALL SHRUB BEDS BY THE CONTRACTOR. BEDS SHALL BE TREATED WITH PREEMERGENT HERBICIDE BY THE CONTRACTOR BEFORE MULCH IS APPLIED. SHREDDED HARDWOOD MULCH SHALL BE TWO INCHES DEEP. A SAMPLE OF SHREDDED HARDWOOD MULCH SHALL BE PRESENTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL.

II. ALL TREES ARE TO BE STAKED IMMEDIATELY AFTER PLANTING AS DETAILED. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF STAKING HOSES, ETC. AT THE END OF THE ONE YEAR GUARANTEE PERIOD.

12. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP THE SITE AT THE COMPLETION OF THE PROJECT AND SHALL MAINTAIN THE SITE IN A REASONABLY NEAT AND CLEAN STATE THROUGHOUT THE INSTALLATION PROCESS. STREETS AND PAVED AREAS SHALL BE CLEANED REGULARLY TO REMOVE CONSTRUCTION MATERIALS AND OTHER DEBRIS RESULTING FROM WORK OF THE PROJECT.

13. PLANTS SHALL BE GUARANTEED FOR THE DURATION OF ONE (1) FULL YEAR AFTER THE FINAL ACCEPTANCE OF THE PLANTING BY THE OWNER AND SHALL BE ALIVE AND IN SATISFACTORY GROWTH AT THE END OF THE GUARANTEE PERIOD. ANY PLANT NOT IN A HEALTHY AND VIGOROUS STATE AT THE END OF THE GUARANTEE PERIOD SHALL BE REPLACED AT NO COST TO THE OWNER, PLANTS SEVERELY DAMAGED BY VANDALS ARE NOT SUBJECT TO REPLACEMENT BY THE CONTRACTOR DURING THE ONE YEAR GUARANTEE PERIOD.

14. REPLACEMENTS OF DEAD OR UNSATISFACTORY MATERIAL SHALL BE MADE AS SPECIFIED IN THE PLANT LIST. THE OWNER OR LANDSCAPE ARCHITECT SHALL INSPECT REPLACED PLANTS WHEN ALL REPLACEMENTS HAVE BEEN MADE. REPLACEMENTS ARE TO BE ALIVE AND IN A HEALTHY CONDITION WHEN THE REPLACEMENTS ARE COMPLETE, AND SHALL BE SUBJECT TO A ONE (1) YEAR GUARANTEE FROM THE DATE OF SATISFACTORY REPLACEMENT.

15. SHOULD THE CONTRACTOR NOT MAKE REPLACEMENTS IN A SATISFACTORY AND TIMELY FASHION IN ACCORD WITH THE PLANTING NOTES, THE OWNER, AFTER PROPER NOTIFICATION TO THE CONTRACTOR MAY UTILIZE THE FUNDS OF THE RETAINAGE TO HAVE THE REPLACEMENTS MADE IN ACCORD WITH THE SPECIFICATIONS BY ANOTHER CONTRACTOR.

16. NO EXCAVATION OR PLANTING PIT SHALL BE LEFT OPEN OR UNATTENDED

17. PLANT MATERIAL QUANTITIES PROVIDED IN THE PLANT LIST ARE FOR REFERENCE ONLY AND THE CONTRACTOR IS RESPONSIBLE FOR THE ACTUAL PLANT MATERIAL COUNTS. DISCREPANCIES BETWEEN QUANTITIES SHOWN ON THE PLANTING PLAN AND THOSE IN THE PLANT LIST SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR CLARIFICATION. IF CLARIFICATION OF DISCREPANCIES FROM THE LANDSCAPE ARCHITECT IS NOT POSSIBLE, THEN QUANTITIES SHOWN ON THE PLANTING PLAN SHALL TAKE PRECEDENCE.

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& A S S O C I A T E



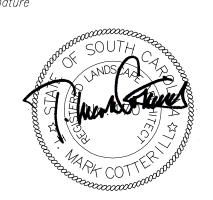


CONSTRUCTION 743 GREENE STREET COLUMBIA, SOUTH CAROLINA 29208

GIBBES GREEN HISTORIC FACILITIE RENOVATION - PETIGRU COLLEGE SITEWORK OSE # H27-9835-PD-C A/E project number

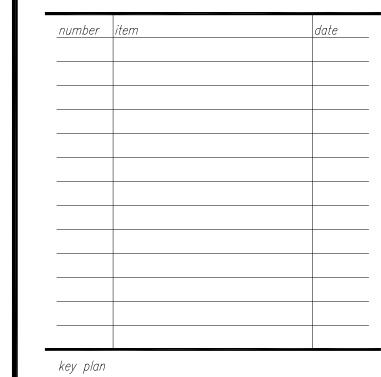
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seals/signature

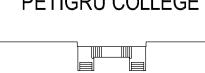


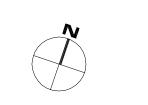
CONSTRUCTION DOCUMENTS

JANUARY 15, 2014



PETIGRU COLLEGE





PLANTING.DETAILS

checked by TMC

IRRIGATION LEGEND

M	I" IRRIGATION METER
C	RAINBIRD ESP-LXM CONTROLL! WITH RAIN SENSOR

I" DOUBLE CHECK VALVE BACKFLOW PREVENTER

RAINBIRD PGA-100 SERIES ELECTRIC VALVE

★ XCZ-100-B-C0M

		▲ 15 SST
⊗ 8H	□ I2H	■ I5 EST
	I 15Q	

RAINBIRD 1800 SERIES POP-UP ROTOR HEAD

----- | 1/2" MAINLINE

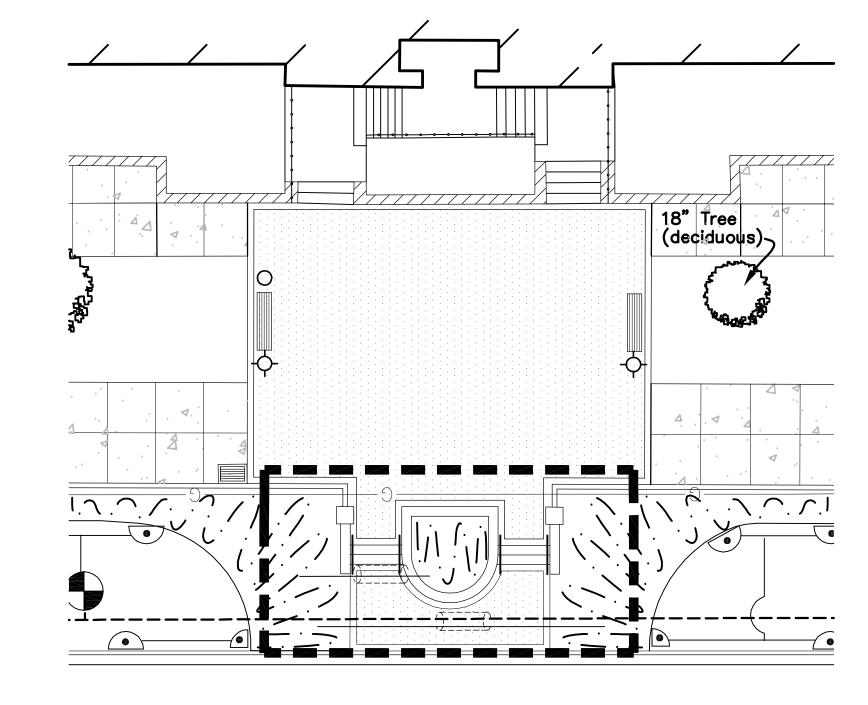
CLASS 160 OR 200 PVC PIPING SIZE AS NOTED

IN IN RAINBIRD DRIP TUBING WITH RAIN-BUG EMITTERS

1 SCH. 40 PVC SLEEVING

VALVE SCHEDULE

<u>VALVE</u>	<u>SIZ</u> E	TYPE	<u>6P</u> 1
VI	J"	1804	23.
V2	I "	1804	21.4
V 3	I "	DRIP	10±
V4	 "	1804	20.
V 5	I "	1804	19.12
V6	1"	DRIP	10±
V 7	l"	1804	20.



ALTERNATE #1 IRRIGATION AT ENTRANCE L-8 PLAN

SCALE 1"=10'-0"

743 GREENE STREET COLUMBIA, SOUTH CAROLINA 29208

USC CAMPUS PLANNING AND

ENGINEERS · SURVEYORS

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fax 803-255-7243

consultants

GIBBES GREEN HISTORIC FACILITIE **RENOVATION - PETIGRU COLLEGE** SITEWORK OSE # H27-9835-PD-C

A/E project number 13031.01

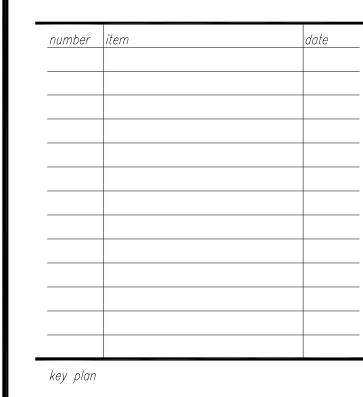
CONSTRUCTION

seals/signature



CONSTRUCTION DOCUMENTS

JANUARY 15, 2014



PETIGRU COLLEGE

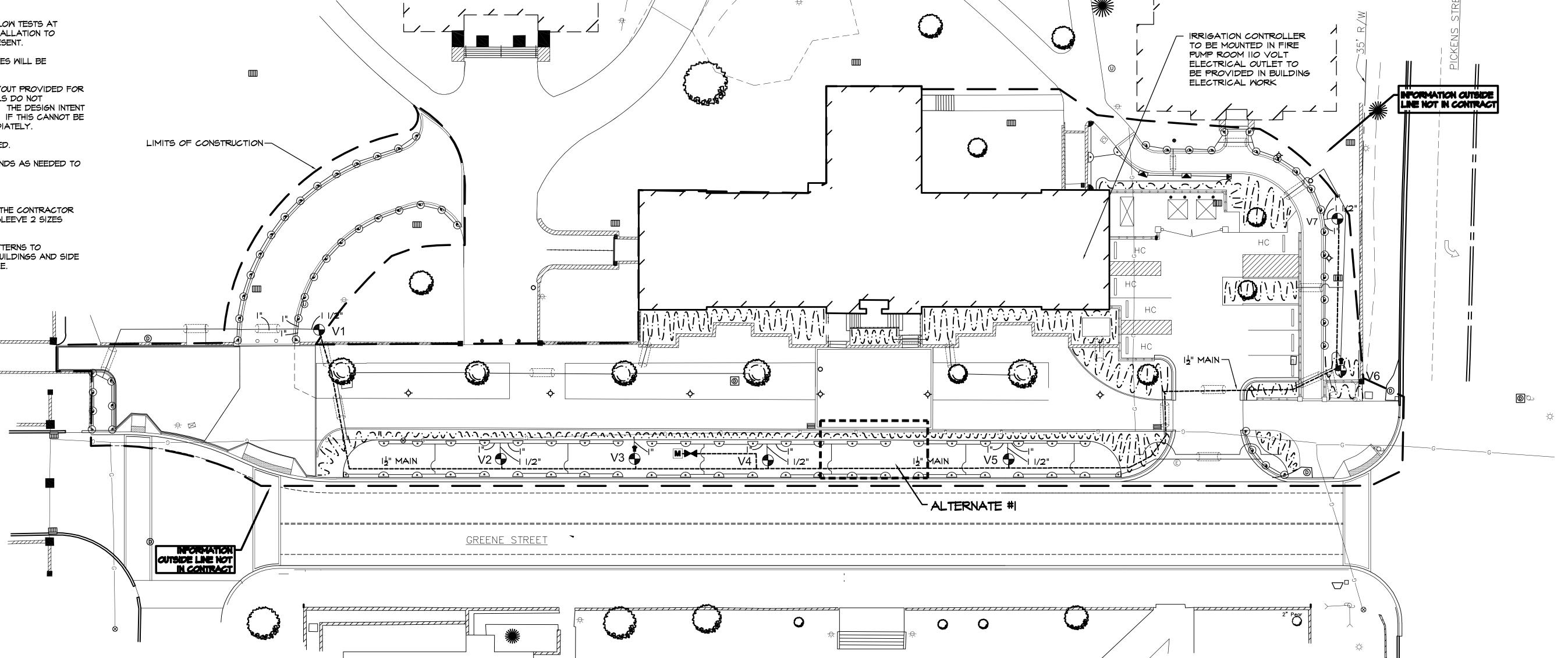
IRRIGATION

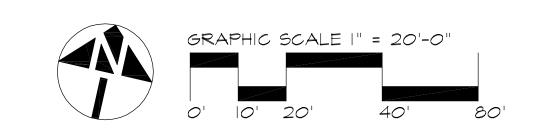


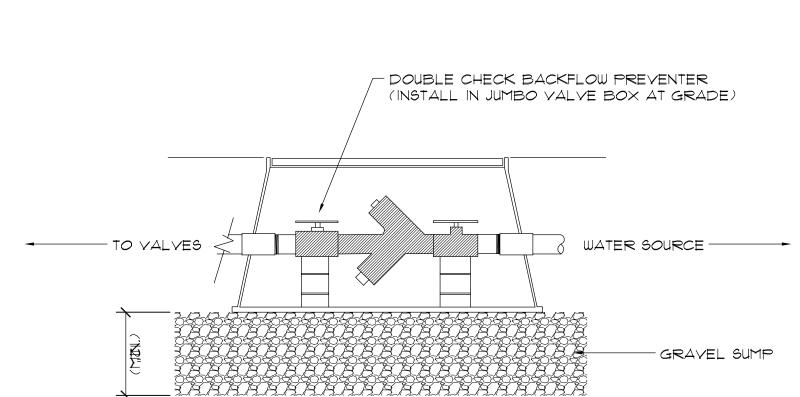
VI	1"	1804	
V2	1"	1804	
V3	1"	DRIP	
V4	Į "	1804	
V 5	1"	1804	
V6	["	DRIP	
V7	1"	1804	

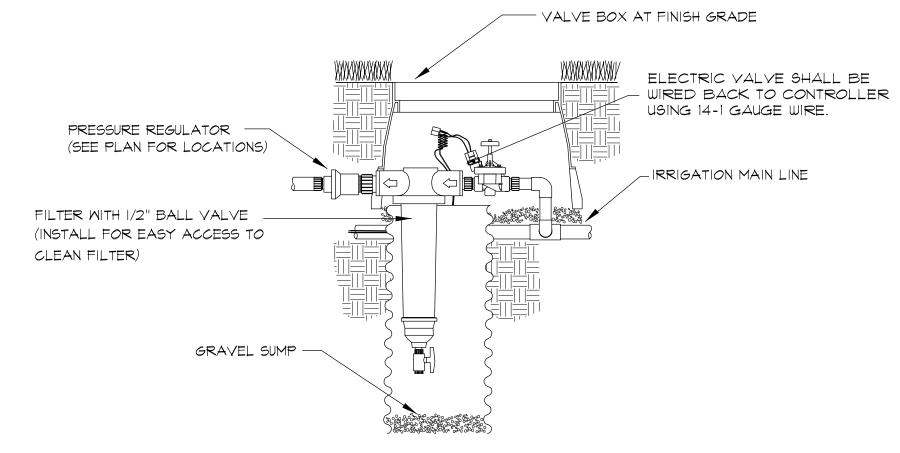
IRRIGATION NOTES

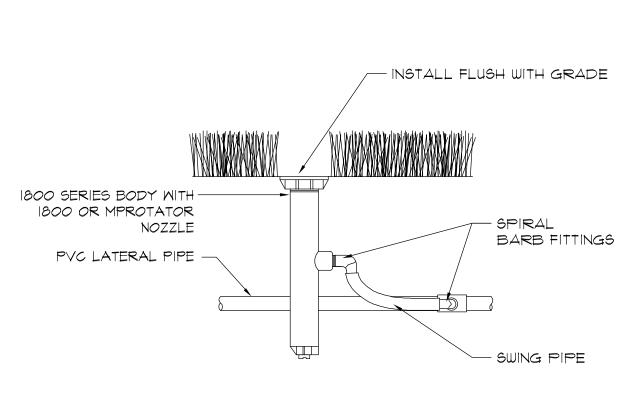
- I. ALL IRRIGATION TO BE AS SPECIFIED OR APPROVED EQUAL.
- 2. SYSTEM DESIGNED TO RUN AT 25 GPM WITH 65 PSI.
- 3. CONTRACTOR TO COORDINATE WITH OWNER CONCERNING IRRIGATION METER PRIOR TO COMMENCEMENT OF WORK SO AS NOT TO DELAY COMPLETION OF IRRIGATION.
- 4. CONTRACTOR SHALL PERFORM PRESSURE AND FLOW TESTS AT PROPOSED POINT OF CONNECTION PRIOR TO INSTALLATION TO VERIFY THAT ADEQUATE DESIGN CRITERIA IS PRESENT.
- 5. ADJUSTMENT OF SPRINKLER HEADS AND DRIP LINES WILL BE NECESSARY IN THE FIELD.
- 6. DRIP TUBE SYMBOLS AND IRRIGATION PIPING LAYOUT PROVIDED FOR GENERAL LOCATIONS IN THE FIELD ONLY, SYMBOLS DO NOT NECESSARILY PORTRAY AN ACCURATE QUANTITY. THE DESIGN INTENT IS TO PROVIDE 100% HEAD TO HEAD COVERAGE. IF THIS CANNOT BE ACHEIVED, NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY.
- 7. UTILIZE EMITTER DISTRIBUTION TUBING AS DETAILED.
- 8. INSTALL AUTO FLUSH VALVES ON DRIP TUBE AT ENDS AS NEEDED TO DRAIN DRIP TUBE AFTER EACH USE.
- 9. ALL DRIP TUBE TO BE INSTALLED UNDER MULCH.
- 10. WHERE IRRIGATION PIPING CROSSES SIDEWALKS, THE CONTRACTOR SHALL SHALL BE RESPONSIBLE FOR PLACING A SLEEVE 2 SIZES LARGER THAN THE CROSSING PIPE.
- IRRIGATION CONTRACTOR TO ADJUST SPRAY PATTERNS TO SURROUNDING PLANT BEDS. OVERSPRAY ONTO BUILDINGS AND SIDE WALKS SHALL BE AVOIDED AS MUCH AS POSSIBLE.

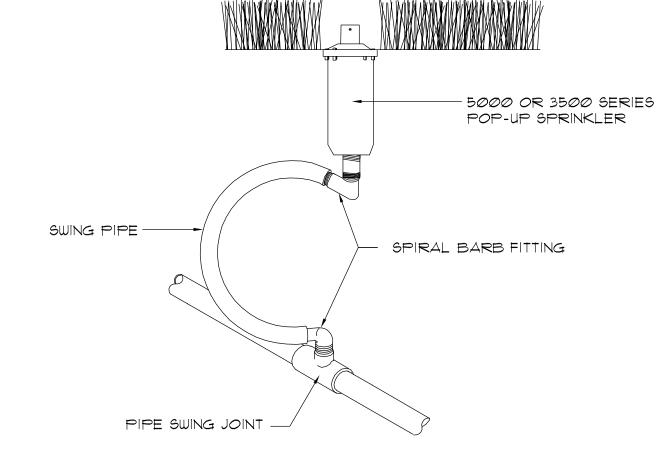














BACKFLOW PREVENTER ∟-9 NOT TO SCALE SECTION

ELECTRIC VALVE-DRIP ZONE SECTION NOT TO SCALE

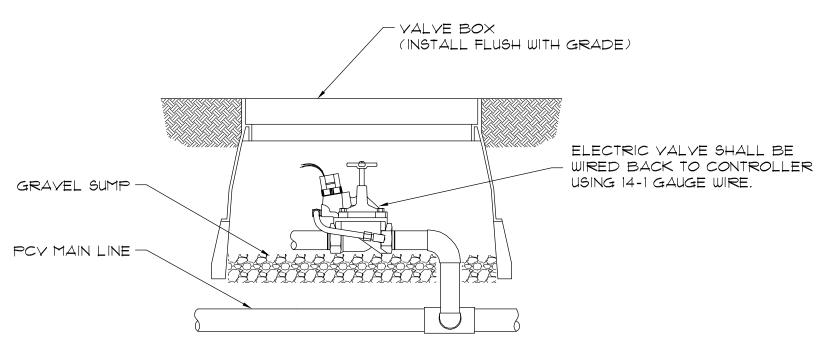
-PROPOSED SHRUB

PROPOSED TREE -

(4 EMITTERS)

NOT TO SCALE

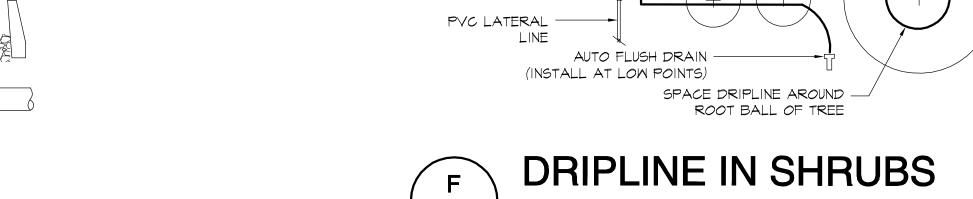
POP-UP SPRAY SPRINKLER L-9 NOT TO SCALE SECTION



NOT TO SCALE

ELECTRIC VALVE

SECTION

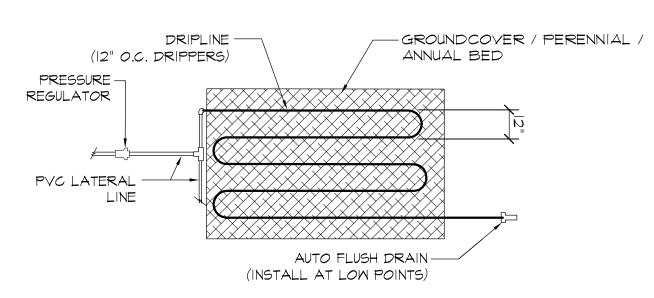


DRIPLINE WITH -

XERI BUG EMITTERS

PRESSURE -

REGULATOR





IRRIGATION NOTES

I. ALL PLASTIC PIPE FITTINGS TO BE MINIMUM SCHEDULE 40 PVC.

2. ALL MAIN LINES TO BE SCHEDULE 40 PVC OR SCHEDULE 200 PVC.

3. ALL LATERAL LINES TO BE SCHEDULE 200 PVC OR SCHEDULE 160 PVC.

BOUND INTO A FOLDER AND FURNISHED TO THE OWNER IN DUPLICATE.

4. COORDINATE WITH GENERAL CONTRACTOR FOR INSTALLATION OF SCHEDULE 40 PVC PIPE UNDER PAVED SURFACES AS NOTED ON THE DRAWINGS TO BE UTILIZED FOR IRRIGATION SLEEVING. THE LOCATION OF SLEEVING IS MARKED ON THE IRRIGATION PLAN. DEVIATIONS MAY OCCUR DURING CONSTRUCTION.

NOT TO SCALE

5. TRENCHES FOR PVC PIPE MAINLINES SHALL BE EXCAVATED TO SUFFICIENT DEPTH OF 18" MINIMUM AND AN SUFFICIENT WIDTH TO PERMIT PROPER HANDLING AND INSTALLATION OF PIPE AND FITTINGS. TRENCHES FOR PVC PIPE LATERAL SPRINKLER LINES SHALL BE EXCAVATED TO SUFFICIENT DEPTH OF 12" MINIMUM AND AN SUFFICIENT WIDTH TO PERMIT PROPER HANDLING AND INSTALLATION OF PIPE AND FITTINGS.

6. ALL CONTROL VALVES SHALL BE INSTALLED IN A VALVE BOX IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

7. ALL WIRING TO BE USED FOR CONNECTING THE AUTOMATIC REMOTE CONTROL VALVE TO THE AUTOMATIC CONTROLLERS SHALL BE TYPE "UF", 14-1, STRANDED OR SOLID COPPER, SINGLE CONDUCTION WIRE WITH PVC INSULATION AND BEAR UL APPROVAL FOR DIRECT UNDERGROUND BURIAL FEEDER CABLE. WIRE CONNECTIONS TO REMOTE CONTROL ELECTRIC VALVES AND SPLICES OF WIRE IN THE FIELD SHALL BE PEN-TITE WIRE CONNECTORS OR APPROVED EQUAL AND SCALING CEMENT.

8. THE IRRIGATION CONTRACTOR SHALL CONNECT ALL VALVE WIRING TO A SPECIFIED CONTROLLER LOCATED AS NOTED ON THIS PLAN.

9. ALL CONTROL VALVE CABLES SHALL BE INSTALLED BY DIRECT BURIAL AT A MINIMUM DEPTH OF 12".

WHERE PRACTICAL, THE WIRE SHALL BE INSTALLED IN THE SAME TRENCH AS THE MAINLINE PIPE. 10. AFTER COMPLETION OF THE PIPING INSTALLATION, THE CONTRACTOR SHALL FURNISH AN "AS-BUILT" DRAWING SHOWING ALL SPRINKLER HEADS, VALVES, DRAINS AND PIPE LINES TO SCALE WITH DIMENSIONS

WHERE REQUIRED. INSTRUCTION SHEETS AND PARTS LISTS COVERING ALL OPERATING EQUIPMENT WILL BE

II. FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE WORK PERFORMED UNDER THIS CONTRACT, THE CONTRACTOR SHALL PROMPTLY FURNISH, WITHOUT COST TO THE OWNER, ANY AND ALL PARTS AND LABOR WHICH PROVE DEFECTIVE IN MATERIAL OR WORKMANSHIP.

12. DURING THE LAST MONTH OF THE GUARANTEE PERIOD, THE LANDSCAPE ARCHITECT AND CONTRACTOR SHALL INSPECT THE INSTALLATION TO DETERMINE THE CONDITION OF THE COMPLETE SYSTEM. A LIST OF DEFECTIVE MATERIALS OR INSTALLATIONS TO BE REPLACED SHALL BE MADE BY THE CONTRACTOR WITHIN THIRTY DAYS OF RECEIVING WRITTEN NOTIFICATION. REPLACED MATERIALS AND INSTALLATION SHALL BE IN ACCORD WITH THESE SPECIFICATIONS, DRAWINGS AND OR SCHEDULES.

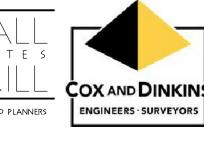
ASSOCIATES, INC.

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LANDSCAPE ARCHITECTS & LAND PLANNERS





COLUMBIA, SOUTH CAROLINA 29208 GIBBES GREEN HISTORIC FACILITIE **RENOVATION - PETIGRU COLLEGE** SITEWORK

OSE # H27-9835-PD-C A/E project number

13031.01

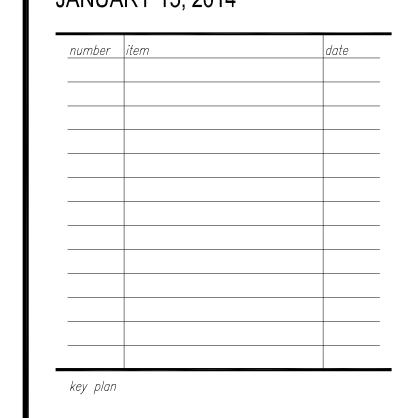
CONSTRUCTION

743 GREENE STREET

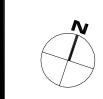


CONSTRUCTION DOCUMENTS

JANUARY 15, 2014



PETIGRU COLLEGE



IRRIGATION.DETAILS