

Isaac B. Cox, R.L.S. (1918-1989)

Gene L. Dinkins, P.L.S., P.E.
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Robert T. Blackwell, P.E.
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J. Donald Rawls, Jr., P.L.S.
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Cox and Dinkins, Inc.
724 Beltline Boulevard
Columbia, South Carolina 29205

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November 7, 2014

ADDENDUM NO. 1

Williams Brice Stadium Plaza Site Upgrades – Construction

State Project No. H27-6104-MJ-B

NOTICE TO BIDDER

This Addendum is issued pursuant to the Conditions of the Contract and is hereby made part of the Contract Documents. The addendum serves to clarify, revise, and supersede information in the Project Manual, the Drawings. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form. Failure to do so may subject the Bidder to disqualification. A list of attachments, if any, is part of this document.

The date for receipt of bids for this project is unchanged by this Addendum.

Answers to questions verbalized on the day of the pre-bid meeting.

- 1) It was noted on the Civil sheets (C201 through C205) that the unshaded area shown in the legend and indicating standard duty pavement could be interpreted to apply to all unshaded areas shown on those plans. However that unshaded area only applies to the three asphalt parking areas located behind (south) of the Gameday Building and to the asphalt parking area across Key Road. All other areas are open or landscaped unless indicated otherwise. Refer to the landscape site plans and existing condition plans for more clarity.
- 2) A question was asked if recycled concrete could be used as base material under paved areas. The answer is that concrete demolished and crushed on site can NOT be used as base for paved areas on this project. The reason is that the proper gradation meeting SCDOT specifications cannot be met without extraordinary measures and testing. If the contractor wants to use properly certified (to meet SCDOT specifications) recycled concrete from another source it will be accepted as long as the contractor provides proper certifications and adds one inch (1") thickness to the base to account for possible reduced structural number with using this material.
- 3) No trees or plants are being donated for this project.
- 4) Christmas Break dates will be provided in the next addendum if known.

- 5) Temporary lighting and security were discussed during the meeting with all present to hear what USC officials had to say. There is nothing to add that was not said in the meeting unless a contractor has a specific written question.
- 6) Contained in the addendum are two details pertaining to the catch basins located in George Rogers Blvd. These details replace the similar detail located on plan sheet C601.
- 7) The City of Columbia Utilities and Engineering department issued an approval letter with conditions that may impact this project. I have attached the approval letter for reference. It is the contractor's responsibility to comply with this letter and to make the bids reflective of the conditions of the letter. The owner will pay all City-imposed meter and sanitary sewer fees. The contractor shall be responsible for all construction not specifically covered by City forces and paid for by fees paid by the owner.
- 8) Specification Section 102113- Toilet Compartments
 - a. At Paragraph 2.2, A, add the following subparagraph 6, as follows:
"6. Guardian Partitions"
- 9) The City of Columbia has an updated meter detail that shows the line through the meter vault offset. See attached.
- 10) Monday 11/10/14 at close of business is the deadline for substitution submittals.

ATTACHMENTS

1. University of South Carolina Pre Bid Sign In Sheet – 8 pages
2. Details pertaining to the catch basins located in George Rogers Blvd. (2 pages "A" and "B").
3. City of Columbia approval letter dated October 24, 2014. (5 pages)
4. City of Columbia meter vault detail.

Comment from Project Engineer: None.

General comments: None.

END OF ADDENDUM NO. 1

University of South Carolina Pre Bid Sign In Sheet

Columbia, South Carolina

Project Name: Williams Brice Stadium Plaza Site Upgrades-Construction
 Project Number: H27-6104-MJ-B
 Pre Bid Date & Time: Thursday, November 6, 2014 @ 10:00am

Name	Company Name	Address	Phone #	Email
Doreen HALLERMAN	Cox and Dinkins	724 BELTONE BLVD, Columbia	803 254-0518	DHALLERMAN@COXANDINKINS.COM
Ron Brantley	Brantley Const.	8300 DORCHESTER RD, CHARLESTON, S.C.	843 552-0150	C.A.CALHANEY@BRANTLEYCONSTRUCTION.COM
DAVID A. SMITH SR	STRICKLAND WATERPROOFING CO	500 N. HOSKINS RD, CHARLOTTE, NC 28216	803 367-6670	OSMITH@STRICKLANDWATERPROOFING.COM
TOM BAER	TRIANGLE CONST.	2624 Laurens Rd Greenville	864 288-5500	tbayer@triangleconstruction.com
Tyler Self	New South Construction	1132 W Peachtree St Atlanta, GA	404 310-1996	tsself@newSouthConstruction.com
ROGER FARIAS	Precision Fire Solutions	2229 LEAPHART RD W. Columbia SC, 29169	803 796-2722	rafarias@precisionfiresolutions.com
JEFF DAVIS	ATHLETICS	1304 Heyward St, Columbia, SC	803 777-0459	jeffdavis@box.s.c.edu
Andrew Jones	B Manning Construction	4 Monckton Blvd, Columbia SC 29206	803-661-7505	bmanningconstruction57@aol.com

Please make sure you list your company name as registered with LLC.

By filling out this form, you are certifying that you are a registered contractor with the University of South Carolina and are eligible to bid on University of South Carolina projects.

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University of South Carolina Pre Bid Sign In Sheet

Columbia, South Carolina

Project Name: Williams Brice Stadium Plaza Site Upgrades-Construction

Project Number: H27-6104-MJ-B

Pre Bid Date & Time: Thursday, November 6, 2014 @ 10:00am

Name	Company Name	Address	Phone #	Email
Andrew Gambrell	Premier Construction	P.O. Box 3453 West Columbia, SC 29171	803-309-1472	AGambrell@PremierConstruction.net
Greg Jolly	Premier Construction	11 11	803-360-4869	Jolly@PremierConstruction.net
MATT PROVENZANO	PONYHILL NURSERY & LANDSCAPING	207 RUMELHASE WAY WINSTON-SALEM, NC 27109	888-916-5153	MATT@PONYHILL.COM
Ric Mull	FENCE BUILDERS, INC	1230 OLD SALESBURY RD. WINSTON-SALEM, NC 27127	336-788-9090	rmull@fencebuildersinc.com

This is to certify that you list your company name as registered with LLC, or, S-Corp and provide your contact information, phone number, and email address, for the University of South Carolina. This information is for informational purposes only.

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University of South Carolina Pre Bid Sign In Sheet

Project Name: Williams Brice Stadium Plaza Site Upgrades-Construction
 Project Number: H27-6104-MJ-B
 Pre Bid Date & Time: Thursday, November 6, 2014 @ 10:00am

Name	Company Name	Address	Phone #	Email
John Gourdin	Cullum Constructors, Inc.	P.O. Box 40368 Charlotte, SC 29423-0368	843-554-6645 843-529-2668 Fax	GourdinJE@Culluminc.com
Marion Guntzel	China Construction America of SC, Inc.	700 SATURN PARKWAY COLUMBIA, S.C. 29212	803-771-2777 803-771-2377 Fax	GUNTZEL-MARION@CHINA CONSTRUCTION.US
Clark Cox	USC Athletics	1304 Heyward St. Columbia, SC 29108	803-777-7220	ClarkCox@mailbox.sc.edu
Margaret Spear	OSE		737-0773	mspear@usmo.sc.gov
Jeremy Rouse	Hood Construction Company, Inc.	1060 SHOP ROAD, SUITE A COLUMBIA, SC 29204	765-2940	JEREMY ROUSE@HOODCONSTRUCTION.COM
Kleck Hanna	Heritage Lodge	141 Peachtree St Gileet, SC 29054	803-957-5576	Kleck@Yolo.com
Bobby Richard	RCL	P.O. Box 3489 Columbia, SC 29203	803-7869741	Estimator@RCLH DIAT.COM
Jason Rouse	Hammer Const.	785 Hampton Churchway Columbia 29209	803-783-7023	JASON@HAMMERLLC.COM -OE-
Brad Stutts	LAD Corporation	214 Martin Neese Rd. Swansea, SC 29160	803-309-6015	LEE@HAMMERLLC.COM bstutts@ladcorporation.com

Please make sure you list your company name as registered with the
 State of South Carolina to send the information electronically.

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University of South Carolina Pre Bid Sign In Sheet

Columbia, South Carolina

Project Name: Williams Brice Stadium Plaza Site Upgrades-Construction
 Project Number: H27-6104-MJ-B
 Pre Bid Date & Time: Thursday, November 6, 2014 @ 10:00am

Name	Company Name	Address	Phone #	Email
BRAD NEWMAN	CNA Construction	55 main Rd Spartanburg	803 309-0463	bradnew4@yahoo.com
Chris Branham	JC Wilkie Construction	349 Buck Corker Ct. Lexington, SC 29073	803-808-3220	cbranham@jcwilkie.com
Travis Higginbottom	W.P. Law, Inc	303 Riverchase Way Lexington, SC 29072	803-600-7969	travish@wplawinc.com
Joel Sutton	Fitts + Gooden	PO Box 515 Columbia SC 29202	803-796-4666	joel@fittsandgooden.com

Site work

*Please note: you list your company name as registered with LLC.
 *By filling in, you are providing your information to the University of South Carolina and its affiliates.

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University of South Carolina Pre Bid Sign In Sheet

Columbia, South Carolina

Project Name: Williams Brice Stadium Plaza Site Upgrades-Construction

Project Number: H27-6104-MJ-B

Pre Bid Date & Time: Thursday, November 6, 2014 @ 10:00am

Name	Company Name	Address	Phone #	Email
JIM ROYSTER	WASHBURN CONSTRUCTION COMPANY, INC. WASHBURN CONSTRUCTION	1820 SUMMIT ST	803-400-1000	JROYSTER@WASHBURNCONSTRUCTION.COM
Will OWENS	Contract Construction INC.	P.O. Box 269 Ballentine, SC 29002	803-781 7058	quotes@contractconstruction.net
Jeff McDaniel	Brad's Electric Inc.	604 Greenwood Rd W. Columbia	803-791 7344	Jeff.McDaniel@Bradselectricinc.com
Robert A. Hearn	Pyramid	1108 ALYSSA LANE NORFOLK, SC 29063	732-2050	robpyramidcontracting.com

Please make sure you notify our company, as we are registered with LLC. The meeting and public opening will only be open to those registered with the University of South Carolina. Please make sure you have a valid photo ID.

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University of South Carolina Pre Bid Sign In Sheet

Columbia, South Carolina

Project Name: Williams Brice Stadium Plaza Site Upgrades-Construction
 Project Number: H27-6104-MJ-B
 Pre Bid Date & Time: Thursday, November 6, 2014 @ 10:00am

Name	Company Name	Address	Phone #	Email
PAUL DROBACH	MELOUL - BLAMEY	50 COMMERCE CENTER - GREENVILLE	864-627 0302	estimating@melboisc.com
DAVE Lefevre	THE CHASTMAN COMPANY	2812 Hillcrest Dr 2812 Hillcrest Dr Augusta GA 30909	706 550 1010	dave.lefevre@chastmanco.com
Thomas Horton	UNIT-PAVING INC	8105 Charlotte Hwy Fort Mill, SC 29715	3770 803 882 3000	thorton@unitpaving.com
DAVE BEU	WATSON TATE SURVEY		803 799 5181	GABEL@WATSONTATESURVEY.COM

*Please make sure you list your company name as registered with LLP.
 *By signing and printing your name and company name, you are certifying the University of South Carolina and you understand and agree to the terms and conditions of the bid.

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University of South Carolina Pre Bid Sign In Sheet

Columbia, South Carolina

Project Name: Williams Brice Stadium Plaza Site Upgrades-Construction
 Project Number: H27-6104-MJ-B
 Pre Bid Date & Time: Thursday, November 6, 2014 @ 10:00am

Name	Company Name	Address	Phone #	Email
CLARK SEWAL	PENN CONTRACTING LLC	P.O. BOX 204 BAILLETINE SC 29102	803 407 9724 803 781 4142 FAX	BOB@PENNCORTRADING.COM
MIKE MITCHELL	TALOVING CO	PO BOX 919 GREENWOOD NC 27530	919 734 8400	mmitche1@taloving.com
BRIAN COPELAND	SMITH TURF & IRRIGATION	550 COMELY MILL RD LEXINGTON, SC 29072	803 540 9188	brian.copeland@smithturf.com
SKYLAR ASHBY	DAUMETIC CONSTRUCTION GROUP	DAUMETIC CONSTRUCTION FARM RD CHARLOTTE, NC 28112	843-544-8397	BAD@PCGLUC.NET SKYLAR@PCGLUC.NET
WAYNE MIXSON	GREEN VIEW	907 BELL ROAD LEXINGTON SC 29072	803 356 0696	GVIEW@WINDSTREAM.NET
SMITH ROCK	TRQ CONSTRUCTORS INC	1145 E HINDS AVE METTER GA 30439	828-234-8242	SMITH@TRQCONSTRUCTORSINC.COM
PATRICK TOOLE	TRQ CONSTRUCTORS INC	"	912 685 7950	PTOOLE@TRQCONSTRUCTORSINC.COM
WALLACE WIGGINS	TRQ CONSTRUCTORS INC	"	"	WALLACE@TRQCONSTRUCTORSINC.COM
DAN HORT	DAN HORT SIGNING & AIR LLC	521 OLD COUNTRY - BUCKLE UP LEXINGTON SC	803 520-7575	DAN@HORTSIGNING-AIR.COM

Please make sure you list your company name as registered with U.S. Copyrighting and Publishing your name as a new signatory to check the U.S. Copyrighting and Publishing your information at Copyright.com

DAN HORT SIGNING - AIR LLC

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Project Name:
Project Number:
Pre Bid Date & Time:

[illegible]

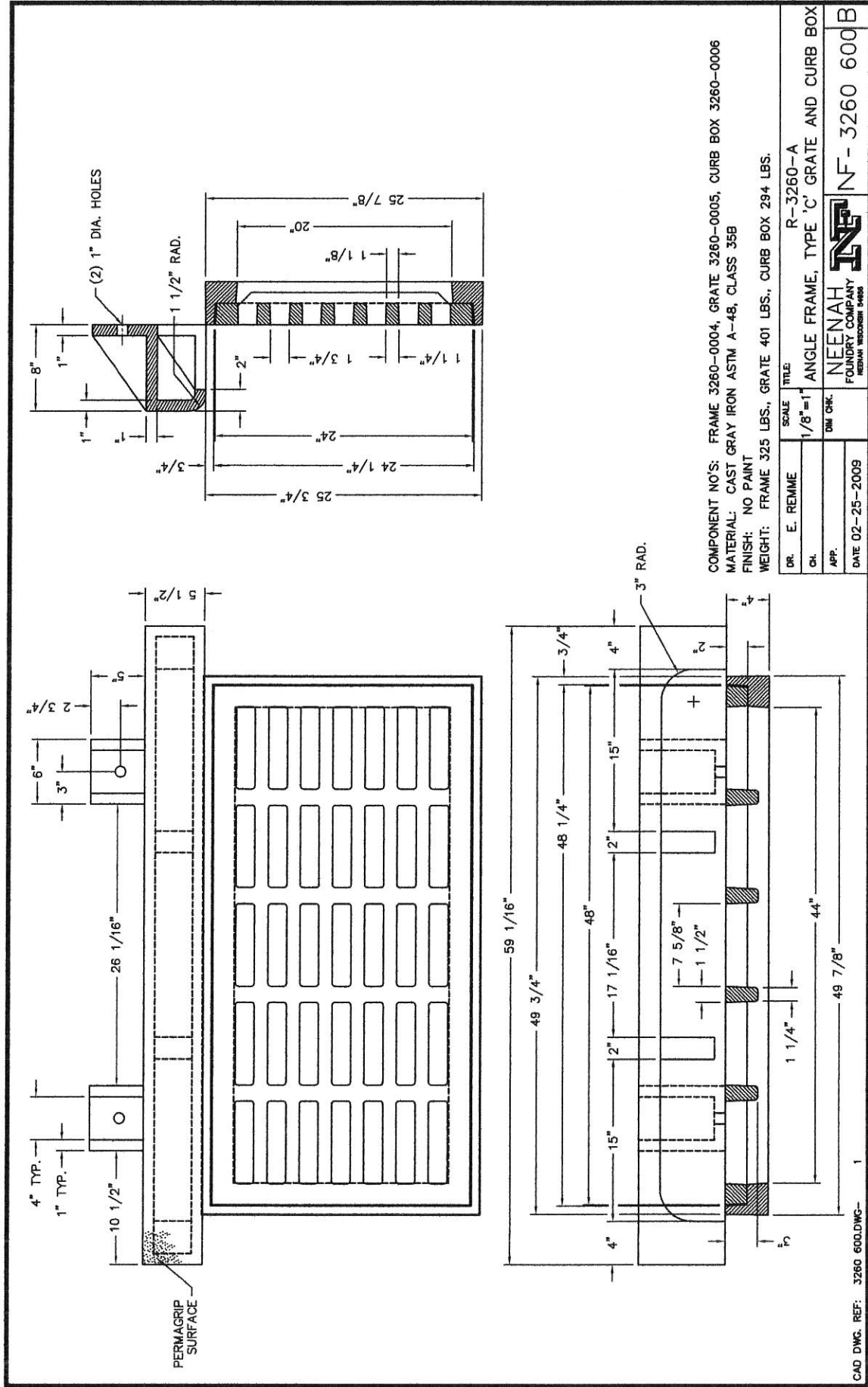
Please make sure you list your company name as registered with IIR, by signing and providing your email address, you are authorizing the University of South Carolina to send you information electronically.



ROGERS BLVD. CURB DETAIL

CONTRACTOR SHALL INSTALL A 6" THICK 4,000 PSI CONCRETE BASE WITH NUMBER 4 BARS AT 10" ON CENTER. THE BASE SHALL EXTEND A MINIMUM OF 6" BEYOND EXTERIOR BOX WALL. CONSTRUCT CATCH BASIN WITH CONCRETE BLOCK. SIZE THE BOX TO FIT THE DIMENSIONS OF THE GRATE AND FRAME DETAIL. THE BOX SHALL BE CONSTRUCTED AS SHALLOW AS POSSIBLE DUE TO AN EXISTING GAS MAIN LOCATED JUST OFF THE BACK SIDE.

H27-6104-MT-B Addendum #1 B





CITY OF COLUMBIA

Department of Utilities and Engineering

Division of Engineering

P.O. Box 147 | Columbia, South Carolina 29217
Phone: 803-545-3400 Fax: 803-988-8199

October 24, 2014

Re: Proposed Water Service Construction, Water Service Connection, Sewer Connection, Fire Hydrant Relocation, Sewer Abandonment for Williams Brice Stadium Plaza Site Upgrades (Intersection of Bluff Rd. and George Rogers Blvd.); Cox and Dinkins, Inc.; Plans Dated October 20, 2014; CF# 117-10G

USC Campus Planning and Construction
743 Green St.
Columbia, SC 29210
Attn: Ann Derrick

H27-6104-MJ-B
ADDENDUM #1

Dear Mrs. Derrick,

The referenced plans received October 21, 2014 have been examined and are approved for water service construction and sewer connection.

Note: This is not a grading/building permit, please consult with the Development Center for steps required to obtain a Land Disturbance Permit.
www.columbiadevelopmentservices.net or 803-545-3483.

1. All work and materials must conform to City Regulations and Specifications, latest revision at beginning of construction.
2. The developer must provide the City Engineer forty-eight (48) hours notice prior to beginning construction. It is requested that this notice be given to Angela Jones at 545-3247. Once the developer's contractor provides a work notice and the City confirms all preconstruction requirements have been met (permits, insurance, etc.), the contractor **must** hold an on-site pre-construction conference with the City inspector (Jeff Jeffers) **prior to** performing any work on the project. The purpose of this meeting is to allow the contractor and **inspector** to review the plans and approval letter, as well as discuss concerns either party may have. **This is a mandatory meeting, no exceptions!** The contractor shall call the inspector at 545-3400 to schedule the meeting. The best time to contact the inspector is from 8:00 a.m. - 9:30 a.m.
3. The developer through his engineer must provide the project contractor a copy of this approval letter, which must be maintained on the site until construction is completed (Permit to Operate issued).
4. In the event any of the work related to this project is to be performed within a Public Street or road rights-of-way or in an existing City

easement by other than City of Columbia forces, indemnification of the City in accordance with Chapter 11, Article III, Section 11-71 of the City Code is required. Proof of insurance must be provided prior to beginning construction. Should additional information regarding this be required, please contact Ms. Susan Leitner at 545-3250.

5. Erosion control devices shall be maintained in good working order throughout the project until permanent control measures have been established. Siltation of existing paved areas shall be removed after each occurrence.
6. Following completion and City acceptance of the water service construction (provided by a private City approved contractor), water service connection (provided by the City), sewer connection (provided by the City) and Fire Hydrant Relocation (provided by the City) (including receipt and acceptance of all appropriate deeds, easements and record drawings,) water and sewer service will be provided upon the owner's application and payment of appropriate fees.
7. All grading of areas where water lines are approved for construction must be completed prior to installation of pipe. If for any reason the grades are changed, thereby reducing the required minimum cover over these lines, the developer shall bear the expense for correcting line depth to that specified by Current Regulations.
8. The developer through his engineer is responsible for conducting final inspections of systems to be deeded to the City for operation and maintenance. Inspections must be coordinated with the Department of Engineering Inspector.
9. The proposed water service must be deeded to the City of Columbia prior to final acceptance of the system(s) for operation and maintenance.
10. The proposed water services not located inside the right-of-way must be installed in private easements, which must be dedicated exclusively to the City of Columbia. They shall be granted prior to final acceptance for operation and maintenance by the City. All easements required by the City must be shown on record drawings.
11. This approval does not relieve the developer of meeting requirements set forth by the South Carolina Department of Health and Environmental Control
12. Backflow prevention devices meeting South Carolina Department of Health and Environmental Control Regulations are required for all water service connections. In low hazard situations where 3/4" and 1" meters are contracted for, dual backflow valves will be installed by City Forces with the meter. **Where meters larger than 1" and/or service to high hazard projects are proposed, the developer shall be responsible through his engineer for specifying type of backflow preventor and shall be responsible for installation**

thereof. Type of device must be determined prior to application for service. This information shall be furnished with the application since this data must be maintained as a part of the water customer record. Installation of backflow prevention material must be completed before meters will be set.

The backflow device must be tested by a certified backflow inspector. The results are to be submitted to the City's Cross Connection Control Program within 10 days after the installation of the water meter. Failure to comply may result in the interruption of water service. For any questions, please call 545-3923.

13. Static pressure will exceed 75 psi at elevations below 207 feet mean sea level. This information is furnished for the developer's consideration of providing pressure reducing devices to protect building plumbing systems.
14. All water service construction shall be D.I.P. when within 15 feet of a building or structure.
15. The developer/owner shall be responsible for installation of an additional valve (where applicable) for all water meter pits. Location of this valve shall be coordinated with the City's utility inspector.
16. All costs of installation and materials for installation of 4" and larger water meters (water service construction) shall be the responsibility of the applicant. The cost shall include but not be limited to connection to the main, cutting and repairing pavement, and restoration required to install the water meter. All 4" and larger water meters shall be purchased from the City of Columbia Utilities and Engineering Department (803-545-3400). Installation shall be by a City approved contractor hired by the owner at the owner's expense. A list of approved contractors shall be provided by the Utilities and Engineering Department. Installation of this water meter, including service and connection, must be coordinated with the City of Columbia Utility inspector and approved prior to operation.
17. Prior to construction (if applicable) an encroachment permit shall be approved by the appropriate right-of-way agency. The encroachment permit application shall be entirely completed by the owner/developer and forwarded to the City of Columbia Engineering Department for review and subsequent submittal to the appropriate right-of-way agency. All encroachment applications shall identify the City of Columbia as the sole applicant.
18. Initial and continued delivery of water or sewer service to this property is subject to such ordinances, policies, rules and regulations as the City of Columbia may, from time to time, adopt or amend.
19. **Prior to any construction, the attached "Agreement to Comply" statement shall be signed and returned to the City.**
20. All new construction, addition or modification of sidewalks,

driveways with through sidewalks and wheel chair ramps, must meet current SCDOT Standards and the Americans with Disabilities Act (ADA). This includes, but is not limited to, drawings No. 720-405-00, 720-410-00, 720-415-00, 720-905-01 and 720-905-02; located in the SCDOT Standard Drawings for Road Construction manual.

21. Due to extensive improvements with masonry structures, fencing and specialty pavings that would not be permitted within existing City of Columbia utility easements and over existing utilities, the City of Columbia shall convey the affected sanitary sewer mains to the University of South Carolina for operation and maintenance as labeled on the above referenced plans (sheets C501 thru C504 of 28) as "Privately Maintained". All City easements associated with the conveyed sewer shall be abandoned.
22. Abandonment of the specified portions of the existing City of Columbia sewer easements requires City Council action. For further assistance, please contact Ms. Gale Nash (803-545-3400) to initiate this process upon completion of the conveyance of all new water and sanitary sewer mains to the City of Columbia.
23. **Prior to the commencement of construction of this project**, the University of South Carolina and the State Budget and Control Board shall enter into an encroachment agreement with the City of Columbia detailing all of the conditions and agreements relative to this project. These encroachments shall include but not be limited to the following: A proposed brick wall or fence over the City's existing water service near the existing Floyd Building, any proposed decorative paving or concrete over the City's existing sewer main along Bluff Rd and George Rogers Blvd and/or any brick column or fence on top of the City's existing water main, water service lines and sewer main along the subject property's southernmost property line, which is adjacent to the existing Cockaboose Railroad. Please contact Ms. Gale Nash (803-545-3400) regarding the encroachment agreement.
24. Regarding the approval for this project, the City of Columbia does not approve any encroachments over existing utilities of other utility providers.
25. **Prior to beginning construction**, the attached "Agreement to Comply" statement shall be signed by the owners (State of South Carolina and the University of South Carolina) and returned to the City of Columbia.
26. A City approved contractor shall be responsible for raising, lowering and/or resetting the existing City sewer manholes and water meter vaults under the supervision of the City Utility inspector.
27. The City shall be responsible for installing the 2" water meter that is to serve the proposed building near the George Rogers Blvd./Key Rd intersection and relocation of the two existing fire hydrants after payment of appropriate fees by the owner/developer.
28. Construction plan approval is valid for only three (3) years. In the

event improvements have not been complete within that time, plans must be resubmitted for approval and shall be subject to ordinances and regulations in effect on that date.

It should be noted that requests for proposed curb cuts, entrance drives and parking lot construction are not handled by the City Engineer. Such requests must be forwarded to the Building Official's office.

Should you require additional information, please feel free to contact Scott Rogers at 545-3290.

Yours very truly,

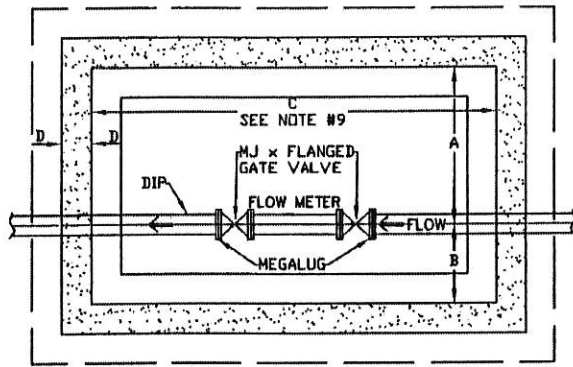


Scott Rogers
Subdivision Review Manager

SR

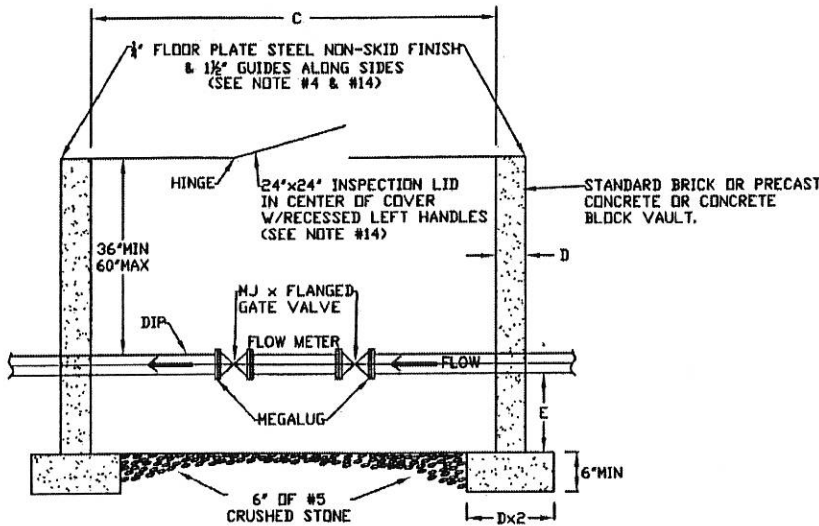
cc: Darren Holcombe, PE, Cox and Dinkins, Inc.
Jeff Jeffers (w/ Enclosures)

TYPICAL METER BOX FOR METERS 4" AND ABOVE



PLAN VIEW

METER SIZE	4"	6"	8"	10"
A	30"	36"	42"	48"
B	18"	24"	26"	32"
C	84"	96"	104"	120"
D	6"	6"	8"	8"
E	12"	12"	18"	18"
ACCESS DOOR	24"	24"	24"	24"



ELEVATION VIEW

NOTES:

- METER BOXES FOR METERS 4" AND ABOVE SHALL BE SITE CONSTRUCTED OF THE MATERIALS AND TO THE DIMENSIONS SPECIFIED HEREIN.
- METER BOXES CONSTRUCTED WITHIN THE TRAVELED WAY MUST WITHSTAND HEAVY SUPERIMPOSED LOADS. EACH MUST BE DESIGNED TO MEET THE REQUIREMENTS OF THE INDIVIDUAL ENVIRONMENT IN WHICH IT IS TO BE USED. DETAILS/SHOP DRAWINGS AND DESIGN CALCULATIONS MUST BE SUBMITTED AND APPROVED PRIOR TO INSTALLATION OF THE METER.
- METER BOXES SHALL BE PROVIDED WITH A COVER FABRICATED FROM ONE FOURTH (1/4") INCH THICK FLOOR PLATE STEEL WITH A NON-SKID SURFACE PRIMED AND PAINTED TO COVER THE ENTIRE BOX. THE COVER MUST HAVE A HINGED 24"x24" INSPECTION LID IN THE CENTER OF THE COVER WITH LIFT HANDLES FOR MANIPULATING THE LID. COVER HANDLES AND HINGED MUST LAY FLAT AND BELOW THE SURFACE OF THE COVER.
- THE BOX COVER SHALL BE FLUSH WITH THE SURROUNDING GROUND SURFACE AND SHALL HAVE ONE AND A HALF (1 1/2") INCH GUIDES ALONG ADJACENT SIDES TO PREVENT LATERAL MOVEMENT.
- THE BOX SHALL BE CONSTRUCTED OF STANDARD BRICK, OR CONCRETE BLOCK USING PORTLAND CEMENT MORTAR IN A STANDARD MIXTURE OR BY USING PRECAST CONCRETE.
- SIX (6") INCHES OF #5 CRUSHED STONE SHALL BE PLACED IN THE BOTTOM OF EACH BOX.
- SEE "E" FOR PROPER CLEARANCE BETWEEN THE TOP OF THE STONE AND THE BOTTOM OF THE PIPE. DUCTILE IRON PIPE MUST RUN COMPLETELY THROUGH THE METER BOX WITHOUT EXPOSED PIPE BELL OR FITTINGS.
- VALVE WITH BOX SHALL BE INSTALLED BETWEEN METER BOX AND SOURCE WATER MAIN.
- ALL METER BOXES SHALL HAVE THE DIMENSIONS SHOWN BY THE ABOVE TABLE.
- METER BOXES FOR METERS TEN (10") INCHES AND ABOVE SHALL BE APPROVED BY THE CITY ENGINEERING DEPARTMENT PRIOR TO BEGINNING CONSTRUCTION.
- INSTALLATION OF FIRE METERS SHALL BE BY A CITY APPROVED CONTRACTOR.
- TOUCH PADS TO BE INSTALLED BY THE APPROVED CONTRACTOR.
- NO UNIFLANGES ARE ALLOWED.
- WHERE POSSIBLE, ALL METER BOXES ARE TO BE LOCATED OUTSIDE PAVED AREAS. SHOULD THE METER BOXES HAVE TO BE LOCATED IN PAVED AREAS OR SIDEWALKS, THE CONTRACTOR SHALL USE A TRAFFIC RATED SLAB AND A 30"x30" ALUMINUM HATCH-RATED H20 LOADING (TOUCH PADS SHALL BE LOCATED ON THE HINGED SIDE OF THE ALUMINUM HATCH).
- ALL PIPING ARE TO BE DISINFECTED WITH CHLORINE IN ACCORDANCE WITH AWWA STANDARDS.
- A LIEN WAIVER MUST BE PROVIDED TO THE CITY PRIOR TO ANY METER BEING INSTALLED.

DEPARTMENT OF UTILITIES & ENGINEERING
STANDARD DETAIL WC #1A



H27-6104-MJ-B APPENDUM #1