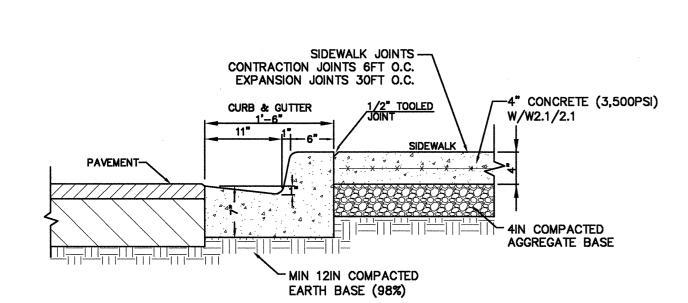
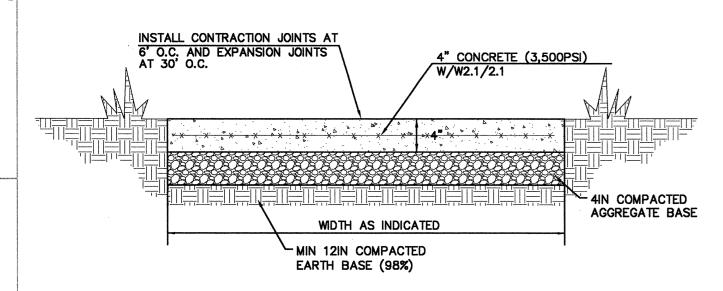


PAINTED CROSSWALK DETAIL

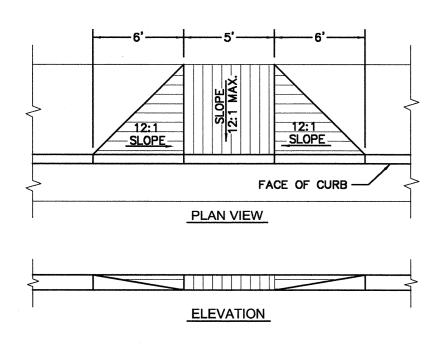
NTS



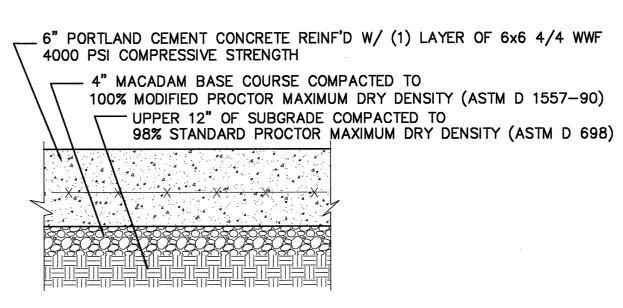
CONCRETE CURB & GUTTER & SIDEWALK DETAIL



CONCRETE SIDEWALK DETAIL FROM BUILDING TO PARK STREET SIDEWALK FROM STAIRS TO ASSEMBLY STREET SIDEWALK

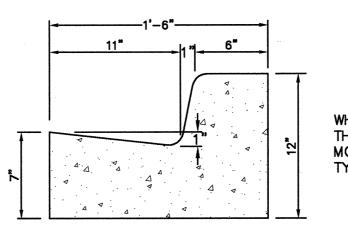


ACCESSIBLE CURB CUT DETAIL



HEAVY DUTY CONCRETE PAVEMENT SECTION

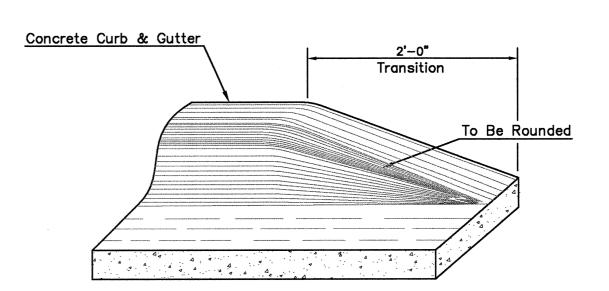
(PAVEMENT SECTION THICKNESS PER S&ME ADDENDUM-PAVEMENT SECTION RECOMMENDATIONS DATED 4/25/2011) NTS



WHERE GRADES INDICATE, THIS CURB SECTION TO BE MODIFIED TO EXPULSION

"L" TYPE CURB AND GUTTER

Min. Concrete Strength = 3500 p.s.i.
NTS



FEATHERING CURB AND GUTTER DETAIL

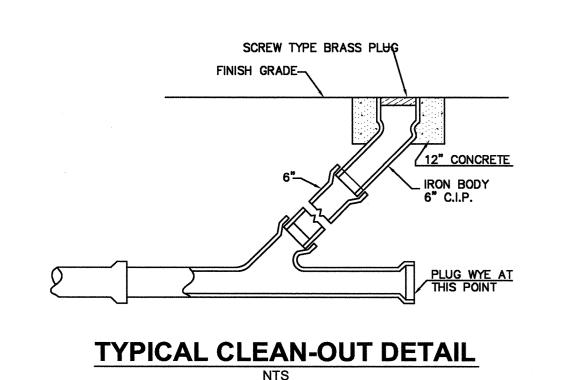
USC BUSINESS PARTNERSHIP FOUNDATION ON BEHALF OF USC CAMPUS PLANNING & CONSTRUCTION PROJECT NAME: UNIVERSITY OF SOUTH CAROLINA DARLA MOORE SCHOOL OF BUSINESS CONSTRUCTION BID PACKAGE 1C: SITE PREPARATION OSE PROJECT NUMBER: H27-6069-AC-1C 743 GREENE STREET COLUMBIA, SC 20298 TEL: 803 777 4022 FAX: 803 777 0484 RAFAEL VINOLY ARCHITECTS PC 50 VANDAM STREET NEW YORK, NY 10013 TEL: 212 924 5060 FAX: 212 924 5858 STRUCTURAL ENGINEER, MEP ENGINEER, CIVIL ENGINEER, FIRE PROTECTION ENGINEER: STEVENS & WILKINSON 1501 MAIN STREET, FLOOR 1 COLUMBIA, SC 29201-5801 TEL: 803 765 0320 FAX: 803 254 6209 LANDSCAPE ARCHITECT: GRIMBALL-COTTERILL ASSOCIATES 600 BELTLINE BOULEVARD COLUMBIA, SC 29205 TEL: 803 738 9525 FAX: SURVEYOR: BP BARBER & ASSOCIATES, INC. 101 RESEARCH DRIVE COLUMBIA, SC 29202-1116 TEL: 803 429 4028 FAX: SPECIFICATIONS:
ROBERT SCHWARTZ & ASSOCIATES 589 8TH. AVE., 17TH. FLOOR NEW YORK, NY 10018 TEL: 212 691 3248 FAX: 212 633 1613 BID PACKAGE 10 SITE PREPARATION OCTOBER 21, 2011 STEVENS & WILKINSON OF SOUTH CAROLINA, INC. SEAL & SIGNATURE ISSUE ISSUE ISSUE ISSUE ISSUE ISSUE NO. DATE NO. DATE

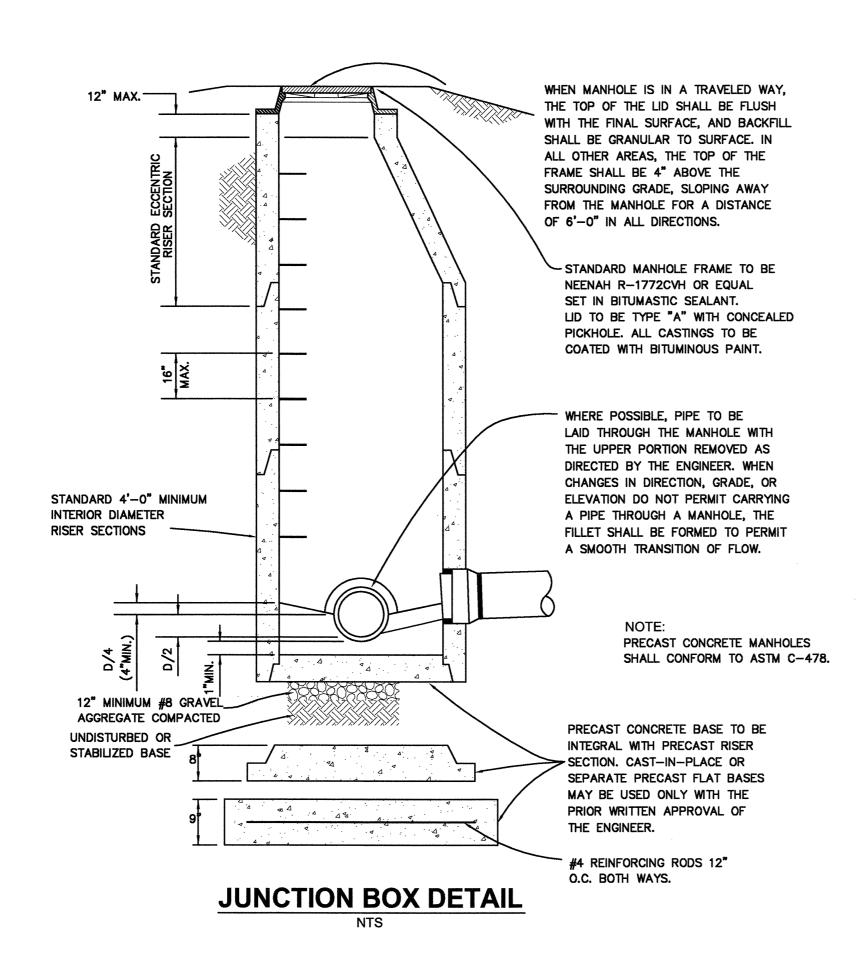
KEY PLAN & NORTH SIGN

SITE DETAILS

SHEET TITLE:

SHEET NUMBER :

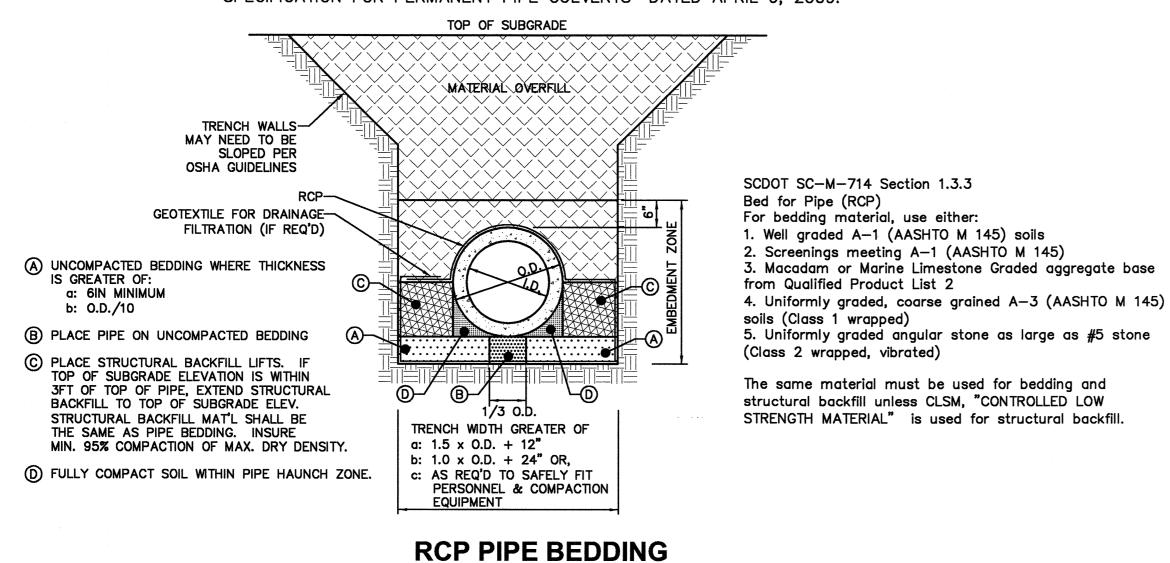




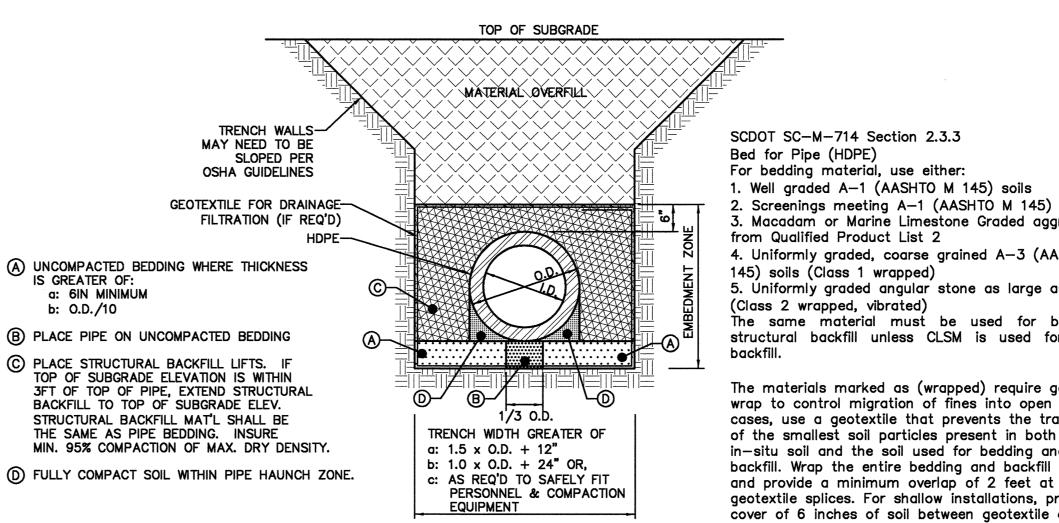
GRATE AND FRAME (1) NEEHAH NO. R-3429-A FOR 18"x18" OR EQUAL GRATE AND FRAME (1) NEEHAH NO. R-3433 FOR 24"x24" OR EQUAL - GRATE AND FRAME (1) NEEHAH NO. R-3455-C FOR 24"x36" OR EQUAL GRATE AND FRAME (1) NEEHAH NO. R-3437 FOR 36"x36" OR EQUAL PRECAST BOX PRE-CAST CATCH BASIN ~ PER D.O.T. HEAVY DUTY 3'-0" MIN. TRAFFIC RATING ROUND PRECAST CAN BE SUBSTITUTED FOR 5'-4" BARS @ 12" E.W.

GRATE & FRAME CATCH BASIN

PIPE TRENCHES PER SCDOT SC-M-714 "SUPPLEMENTAL TECHNICAL SPECIFICATION FOR PERMANENT PIPE CULVERTS" DATED APRIL 6, 2009.



PIPE TRENCHES PER SCDOT SC-M-714 "SUPPLEMENTAL TECHNICAL SPECIFICATION FOR PERMANENT PIPE CULVERTS" DATED APRIL 6, 2009.



3. Macadam or Marine Limestone Graded aggregate base from Qualified Product List 2 4. Uniformly graded, coarse grained A-3 (AASHTO M 145) soils (Class 1 wrapped) 5. Uniformly graded angular stone as large as #5 stone (Class 2 wrapped, vibrated) The same material must be used for bedding and structural backfill unless CLSM is used for structural backfill.

The materials marked as (wrapped) require geotextile wrap to control migration of fines into open voids. In all cases, use a geotextile that prevents the transmission of the smallest soil particles present in both the in-situ soil and the soil used for bedding and structural backfill. Wrap the entire bedding and backfill envelope and provide a minimum overlap of 2 feet at all geotextile splices. For shallow installations, provide a cover of 6 inches of soil between geotextile and hot mix asphalt.

HDPE PIPE BEDDING

USC BUSINESS PARTNERSHIP FOUNDATION ON BEHALF OF USC CAMPUS PLANNING & CONSTRUCTION

PROJECT NAME: UNIVERSITY OF SOUTH CAROLINA DARLA MOORE SCHOOL OF BUSINESS CONSTRUCTION BID PACKAGE 1C: SITE PREPARATION OSE PROJECT NUMBER:

H27-6069-AC-1C 743 GREENE STREET

COLUMBIA. SC 20298

TEL: 803 777 4022 FAX: 803 777 0484 RAFAEL VIÑOLY ARCHITECTS PC

50 VANDAM STREET NEW YORK, NY 10013 TEL: 212 924 5060 FAX: 212 924 5858 STRUCTURAL ENGINEER, MEP ENGINEER,

CIVIL ENGINEER, FIRE PROTECTION ENGINEER: STEVENS & WILKINSON 1501 MAIN STREET, FLOOR 1 COLUMBIA, SC 29201-5801 TEL: 803 765 0320 FAX: 803 254 6209

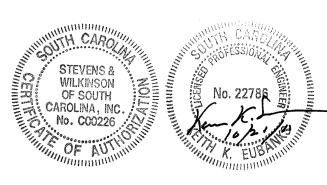
LANDSCAPE ARCHITECT: GRIMBALL-COTTERILL ASSOCIATES 600 BELTLINE BOULEVARD COLUMBIA, SC 29205 TEL: 803 738 9525 FAX:

SURVEYOR: BP BARBER & ASSOCIATES, INC. 101 RESEARCH DRIVE COLUMBIA, SC 29202-1116 TEL: 803 429 4028 FAX:

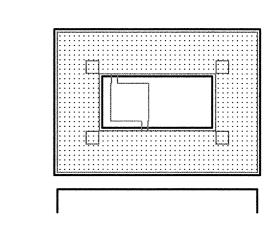
SPECIFICATIONS: ROBERT SCHWARTZ & ASSOCIATES 589 8TH, AVE., 17TH, FLOOR NEW YORK, NY 10018 TEL: 212 691 3248 FAX: 212 633 1613

BID PACKAGE 1C SITE PREPARATION

OCTOBER 21, 2011



SEAL & SIGNAT	URE		
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KEY PLAN & NORTH SIGN

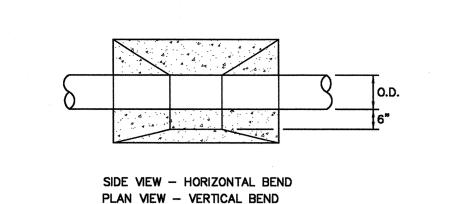
STORM DRAINAGE DETAILS

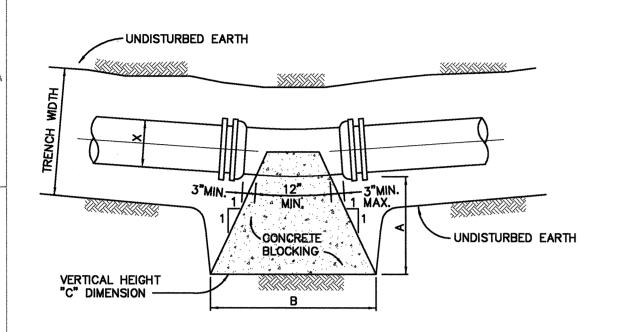
SHEET TITLE:

SHEET NUMBER :

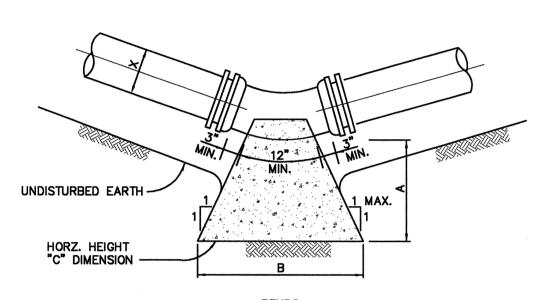
STORM DRAINAGE DETAILS 00

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HORIZONTAL BLOCKING DETAIL



VERTICAL BLOCKING DETAIL

GRADE

CC	ONCRETE	BLOCK	KING DI	MENSION	NS
PIPE X SIZE	Α	В	С	MBA * 2 (SQ. FT.)	*
	TES BRANCH	SIZE) T	EES		
6 *	2'-0"	2'-0"	1'-4"	2.7	0.13
8 *	2'-0"	2'-6"	1'-10"	4.6	0.20
■ 10 [™]	2'-6"	3'-6"	2'-0"	7.0	0.39
12 **	2'-6"	4'-6"	2'-3"	10.1	0.54
16	3'-0"	6'-0"	2'-10"	17.0	1.08
18 *	3'-0"	7'-0"	3'-0"	21.0	1.33
24	4'-0"	10'-0"	3'-9"	37.5	3.17
30 "	5'-0"	12'-0"	4'-10"	58.0	5.96
		90. B			
6 *	2'-0"	2'-9"	1'-3"	3.4	0.16
8"	2'-0"	3'-3"	2'-0"	6.5	0.28
10"	2'-6"	4'-0"	2'-6"	10.0	0.53
12"	2'-6"	5'-0"	2'-9"	13.8	0.73
16"	3'-0"	6'-0"	4'-0"	24.0	1.50
18*	3'-0"	7'-4"	4'-0"	29.3	1.85
24"	4'-6"	12'-0"	4'-5"	53.0	4.94
30°	6'-0"	14'-0"	5'-10"	81.7	9.97
		45° B			
6*	2'-0"	2'-0"	1'-0"	2.0	0.11
8*	2'-0"	2'-6"	1'-5"	3.5	0.17
10**	2'-6"	3'-6"	1'-6"	5.2	0.29
12"	2'-6"	4'-6"	1'-8"	7.5	0.40
16"	3'-0"	6'-0 "	2'-2"	13.0	0.80
18"	3'-0"	6'-4"	2'-6"	15.8	1.10
24"	3'-0"	6'-9"	4'-3"	28.7	1.75
30 *	3'-6"	9'-3"	4'-9"	43.9	3.22
		22-1/2	* BENDS		
6*	2'-0"	1'-0"	1'-0"	1.0	0.08
8"	2'-0"	1'-9"	1'-0"	1.7	0.11
10"	2'-6"	2'-3"	1'-3"	2.8	0.19
12 *	2'-6"	2'6"	1'-6"	3.7	0.24
16"	3'-0"	3'-0"	2'-3"	6.5	0.48
18"	3'-0"	3'-4"	2'-6"	8.3	0.68
24"	3'-0"	4'-6"	3'-5"	15.4	1.04
30"	3'-6"	5'-0"	4'-6"	22.5	1.93
		11-1/4			
6"	2'-0"	1'-0"	0'-6"	0.5	0.06
8"	2'-0"	1'-3"	0'-9"	0.9	0.08
10"	2'-6"	1'-6"	1'-0"	1.5	0.14
12"	2'-6"	2'-0"	1'-0"	2.0	0.17
16"	3'-0"	2'-6"	1'-4"	3.3	0.30
18"	3'-0"	2'-9"	1'-6"	4.1	0.38
24"	3'-0"	3'-3"	2'-3"	7.3	0.65
30"	3'-6"	3'-9 " PLU	3'-0"	11.2	1.22
12*	2'-6"	4'-6"	2'-6"	12.0	1.0
12	<u> </u>	4-0	2-0	12.0	1.0

- *1 ESTIMATED C.Y. CONCRETE FOR TEES, BENDS AND PLUGS.
- *2 MINIMUM BEARING AREA (MBA) IS BASED ON SOIL BEARING CAPACITY OF 2000 PSF.
- *3 PLACE 6MIL POLYETHYLENE OVER PLUG PRIOR TO POURING CONCRETE

THRUST BLOCK DETAILS NTS

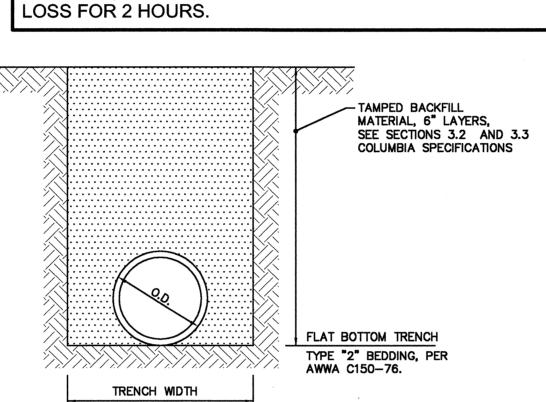
FLUSHING TABLE FOR FIRE

SERVICE MAINS

NOTE

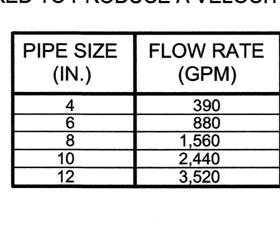
FLUSHING AND TESTING OF PRIVATE FIRE SERVICE MAINS AND LEAD-IN CONNECTIONS TO SYSTEM RISERS MUST BE PERFORMED PER NFPA 24 SECTIONS 9-1 AND 9-2. A COPY OF THE COMPLETED AND SIGNED "CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR UNDERGROUND PIPING" MUST BE SUBMITTED PER NFPA 24 9-2.1 BEFORE FINAL APPROVAL OF THE INSTALLATION IS REQUESTED.

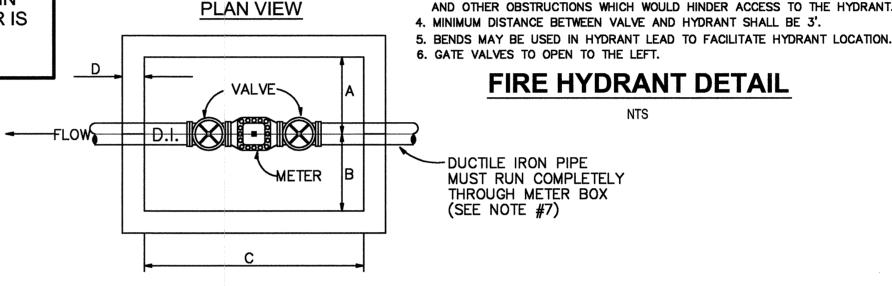
PER NFPA 24 10.10.2.2.1, ALL PIPING AND ATTACHED APPURTENANCES SUBJECTED TO SYSTEM WORKING PRESSURE SHALL BE HYDROSTATICALLY TESTED AT 200 PSI OR 50 PSI IN EXCESS OF THE SYSTEM WORKING PRESSURE, WHICHEVER IS GREATER, AND SHALL MAINTAIN THAT PRESSURE WITHOUT





(FLOW REQUIRED TO PRODUCE A VELOCITY OF 10 FT/SEC)





60"MAX.

IMPROVED MUELLER — HYDRANT # A-24015 5 1/4" VALVE OPENING

2 CU. FT. GRAVEL AROUND -DRAIN PORTS

CAUTION DO NOT BLOCK DRAIN

HOLES WITH CONCRETE

BLOCK POURED AROUND UNDISTURBED SOIL.

2 1/2" OUTLET -

NOTES:

FINISHED GRADE

FIRE HYDRANT DETAIL

NTS

2. HYDRANTS SHALL NOT BE LESS THAN 3' NOR MORE THAN 6' FROM THE

CURB OR THE EDGE OF A HARD SURFACE STREET OR ACCESS ROAD, EXCEPT THAT ALONG RURAL ROADS THROUGH UNDEVELOPED AREAS THE

3. HYDRANT MUST BE LOCATED SO AS TO BE UNOBSTRUCTED FOR 15' EITHER SIDE AS MEASURED ALONG THE CURB OR THE EDGE OF A HARD SURFACE STREET OR ACCESS ROAD. THIS AREA MUST BE FREE OF GROWTH

-DUCTILE IRON PIPE MUST RUN COMPLETELY THROUGH METER BOX (SEE NOTE #7)

- STANDARD

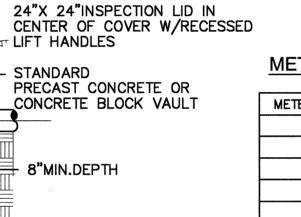
6"OF #5 DRAIN ROCK

1. ALL JOINTS TO BE MECHANICAL.

MAXIMUM DISTANCE MAY BE INCREASED TO 10'.

- HYDRANT OPERATING NUT

-4 1/2" OUTLET



METER BO	X DIME	ENSIO	NS W	BY-F	PASS
METER SIZE	3"	4"	6"	8"	10"
Α	30"	30"	36"	42"	48"
В	30"	30"	36"	38"	54"
С	108"	108"	128"	132"	168 "
D	6"	6"	6 "	8"	8"
F	12"	12"	10"	10"	10"

ACCESS DOOR 24" 24" 24" 24" 24"

- US FOUNDARY COVER

USE ALL TRAFFIC-RATED

PAVED AREAS.

MATERIALS WHEN PLACED IN

- VALVE BOX PROTECTOR RING

WHEN NOT IN PAVED AREA

CAST IRON: FLANGE BASED ROADWAY BOX

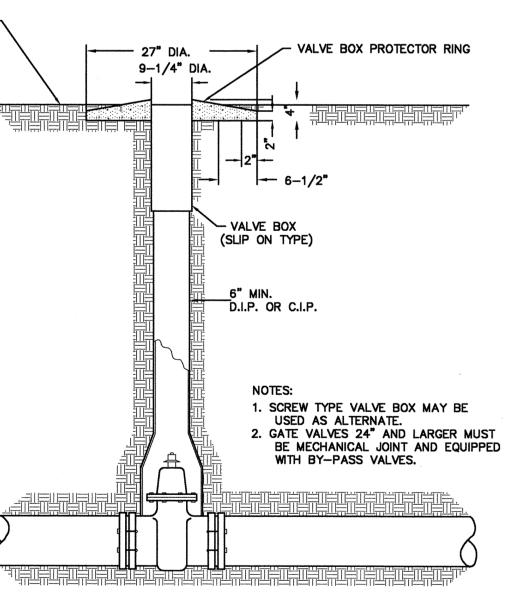
- HYDRANT TEE

SCREEN TYPE.

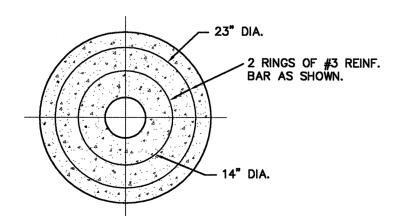
- 6" N.R.S.

GATE VALVE

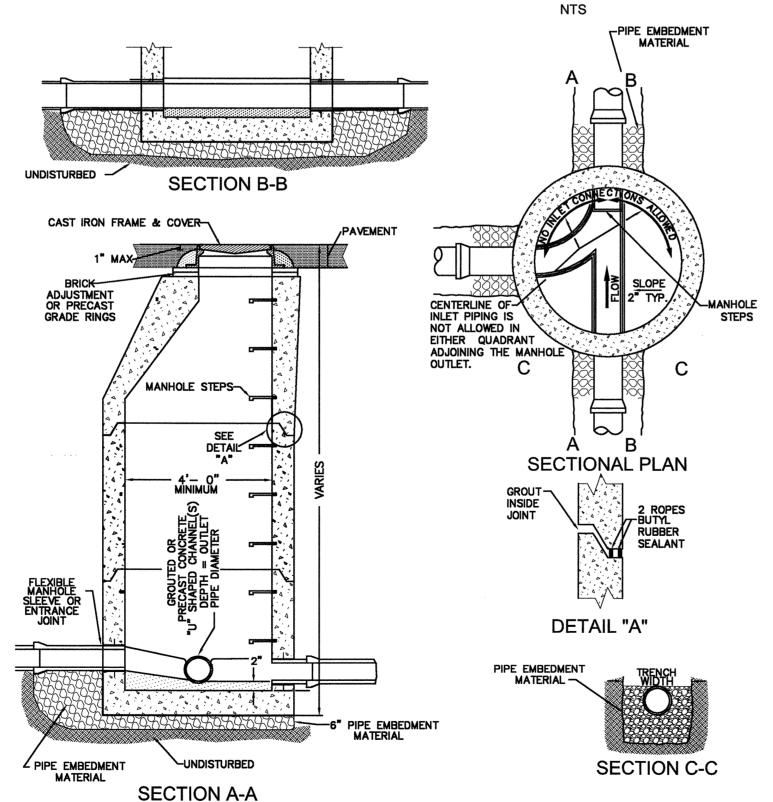
DUCTILE IRON PIPE BEDDING & BACKFILLING DETAIL



GATE VALVE BOX DETAIL



VALVE BOX PROTECTOR RING DETAIL



TYPICAL STANDARD PRECAST MANHOLE WITH CONCRETE BOTTOM

MANHOLE STEPS TO BE VERTICALLY IN LINE WITH "INVERT OUT" FOR PIPE 18" AND LESS. OVER 18" TO BE LOCATED IN LINE WITH BENCH.



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 ENTIRE BOX. COVERS MUST HAVE A HINGED 24" x 24" INSPECTION LID IN THE CENTER OF THE COVER WITH LIFT HANDLES FOR MANIPULATING THE LID. COVER HANDLES

ELEVATION VIEW

D X 2 -\

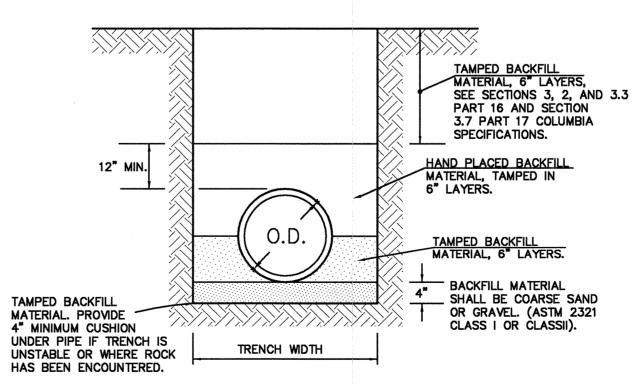
- MUST LAY FLAT AND BELOW SURFACE COVER.
 THE BOX COVER SHALL BE FLUSH WITH THE SURROUNDING GROUND SURFACE AND SHALL
- HAVE 2" GUIDES ALONG ADJACENT SIDES TO PREVENT LATERAL MOVEMENT.
- THE BOX SHALL BE PRECAST CONCRETE.

 SIX (6") INCHES OF #5 CRUSHED STONE SHALL BE PLACED IN THE BOTTOM OF THE BOX.

 SEE "E" FOR PROPER CLEARANCE BETWEEN THE TOP OF STONE AND THE BOTTOM OF THE PIPE.

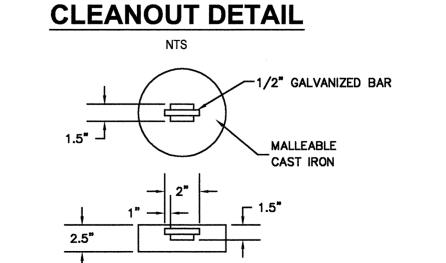
 DUCTILE IRON PIPE MUST RUN COMPLETELY THROUGH METER BOX. METER SHALL BE INSTALLED
- (CUT-IN) BY CITY-APPROVED CONTRACTOR.
- VALVE WITH BOX SHALL BE INSTALLED BETWEEN METER BOX AND SOURCE WATER MAIN. METER BOX SHALL HAVE THE DIMENSIONS SHOWN BY THE ABOVE TABLE.

METER VAULT NTS



THE PIPE IS TO BE BEDDED IN COMPACTED 6" LAYERS TO THE SPRING LINE FIRST, THEN BACKFILLED WITH HAND PLACED MATERIAL COMPACTED IN 6" LAYERS TO A DEPTH OF 12" MINIMUM ABOVE THE PIPE. SEE SECTION 3.2 AND 3.3 (PART 16) AND SECTION 3.7 (PART 17) COLUMBIA SPECIFICATIONS FOR REMAINDER OF THE BACKFILL.

PVC PIPE BEDDING & BACKFILLING DETAIL



CLEANOUT PLUG DETAIL

CLEAN-OUT PLUG -

(SEE DETAIL)

CONCRETE PAD

8"THICK x 2'-0" SQUARE BY SITE

6" BEND -

UTILITY CONTRACTOR

WATER & SANITARY SEWER DETAILS 10

USC BUSINESS PARTNERSHIP FOUNDATION ON BEHALF OF **USC CAMPUS PLANNING & CONSTRUCTION**

PROJECT NAME: UNIVERSITY OF SOUTH CAROLINA DARLA MOORE SCHOOL OF BUSINESS CONSTRUCTION BID PACKAGE 1C: SITE PREPARATION

OSE PROJECT NUMBER H27-6069-AC-1C 743 GREENE STREET

COLUMBIA, SC 20298

RAFAEL VIÑOLY ARCHITECTS PC **50 VANDAM STREET** NEW YORK, NY 10013 TEL: 212 924 5060 FAX: 212 924 5858

TEL: 803 777 4022 FAX: 803 777 0484

STRUCTURAL ENGINEER, MEP ENGINEER, CIVIL ENGINEER, FIRE PROTECTION ENGINEER: STEVENS & WILKINSON 1501 MAIN STREET, FLOOR COLUMBIA. SC 29201-5801

TEL: 803 765 0320 FAX: 803 254 6209 LANDSCAPE ARCHITECT: GRIMBALL-COTTERILL ASSOCIATES 600 BELTLINE BOULEVARD COLUMBIA, SC 29205

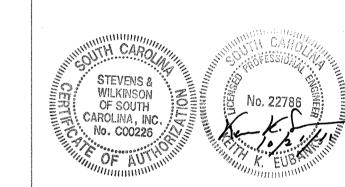
TEL: 803 738 9525 FAX SURVEYOR: BP BARBER & ASSOCIATES, INC. 101 RESEARCH DRIVE COLUMBIA, SC 29202-1116

SPECIFICATIONS: ROBERT SCHWARTZ & ASSOCIATES 589 8TH. AVE., 17TH, FLOOR NEW YORK, NY 10018 TEL: 212 691 3248 FAX: 212 633 1613

TEL: 803 429 4028 FAX

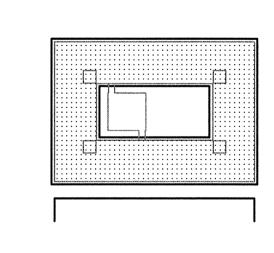
BID PACKAGE 10 SITE PREPARATION

OCTOBER 21, 2011



SEAL & SIGNATURE

ISSUE ISSUE ISSUE ISSUE ISSUE ISSUE NO. DATE NO. DATE ISSUE ISSUE ISSUE ISSUE

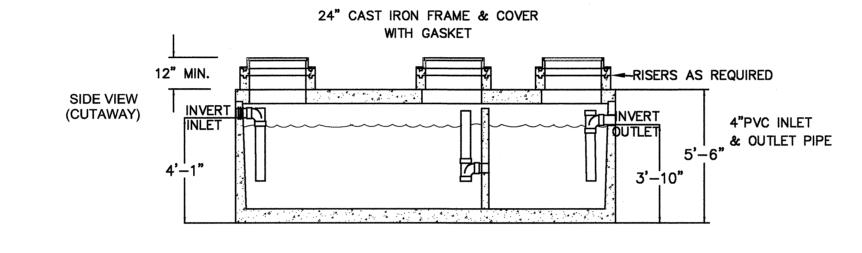


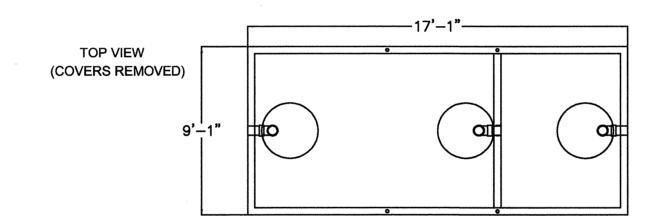
KEY PLAN & NORTH SIGN

WATER & SANITARY SEWER DETAILS

SHEET TITLE:

SHEET NUMBER:





1) DIMENSIONS ARE APPROXIMATE & MAY VARY PER MANUFACTURER

- 2) TANK SHALL BE DESIGNED FOR H-20 WHEEL LOADING & WATER TABLE AT ONE FOOT BELOW GRADE.
- 3) SUB-BASE & CONCRETE PAD (IF NECESSARY) DESIGN SHALL BE PER CONTRACTOR (THROUGH A LICENSED ENGINEER) OR MANUFACTURER'S INSTRUCTIONS.

3,000 GALLON GREASE INTERCEPTOR DETAIL

USC BUSINESS PARTNERSHIP FOUNDATION ON BEHALF OF USC CAMPUS PLANNING & CONSTRUCTION PROJECT NAME: UNIVERSITY OF SOUTH CAROLINA DARLA MOORE SCHOOL OF BUSINESS CONSTRUCTION BID PACKAGE 1C: SITE PREPARATION OSE PROJECT NUMBER: H27-6069-AC-1C 743 GREENE STREET COLUMBIA, SC 20298 TEL: 803 777 4022 FAX: 803 777 0484 ARCHITECT: RAFAEL VINOLY ARCHITECTS PC 50 VANDAM STREET NEW YORK, NY 10013 TEL: 212 924 5060 FAX: 212 924 5858 STRUCTURAL ENGINEER, MEP ENGINEER, CIVIL ENGINEER, FIRE PROTECTION ENGINEER; TIRE PROTECTION
ENGINEER:
STEVENS & WILKINSON
1501 MAIN STREET, FLOOR 1
COLUMBIA, SC 29201–5801
TEL: 803 765 0320 FAX: 803 254 6209 LANDSCAPE ARCHITECT: GRIMBALL-COTTERILL ASSOCIATES 600 BELTLINE BOULEVARD COLUMBIA, SC 29205 TEL: 803 738 9525 FAX: SURVEYOR: BP BARBER & ASSOCIATES, INC. 101 RESEARCH DRIVE COLUMBIA, SC 29202-1116 TEL: 803 429 4028 FAX: SPECIFICATIONS:
ROBERT SCHWARTZ & ASSOCIATES 589 8TH. AVE., 17TH. FLOOR NEW YORK, NY 10018 TEL: 212 691 3248 FAX: 212 633 1613 BID PACKAGE 1C SITE PREPARATION OCTOBER 21, 2011 STEVENS & WILKINSON OF SOUTH CAROLINA, INC. No. C00226 SEAL & SIGNATURE 2011.08.19 O 2011.07.14

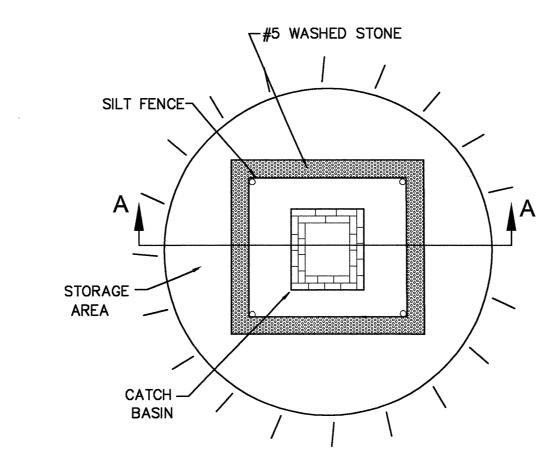
ISSUE ISSUE ISSUE ISSUE ISSUE ISSUE NO. DATE NO. DATE KEY PLAN & NORTH SIGN GREASE INTERCEPTOR DETAIL

GREASE INTERCEPTOR DETAIL NTS 10

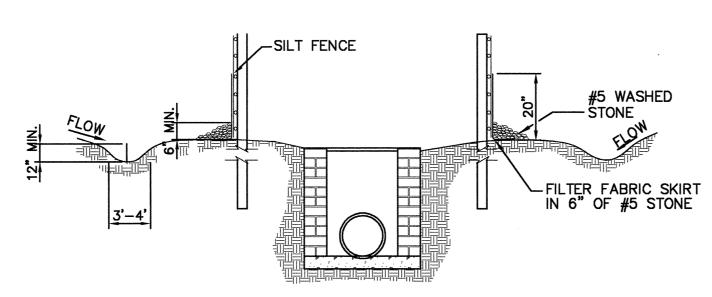
SHEET TITLE:

SHEET NUMBER:

TEMPORARY GRAVEL ENTRANCE / EXIT DRIVE



PLAN VIEW

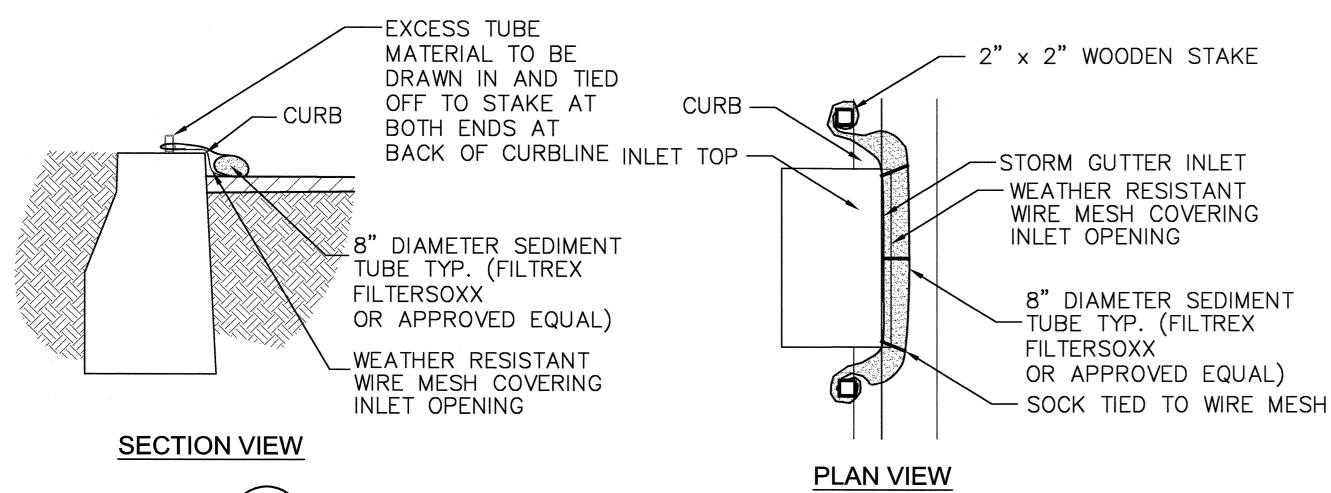


SECTION A-A

GENERAL NOTES:

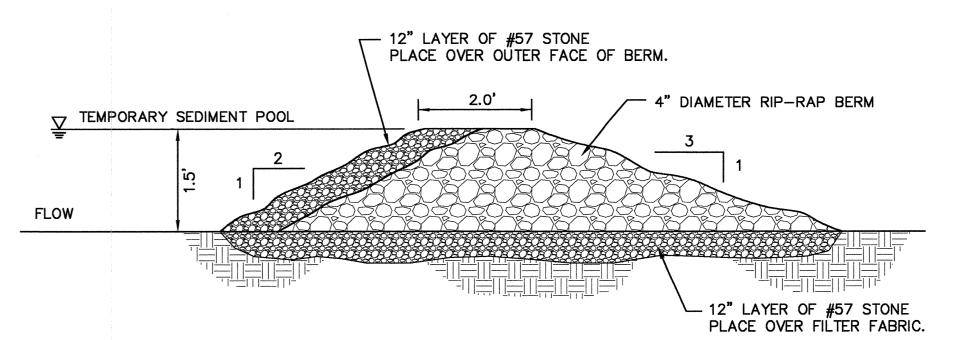
- 1. SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE TRAP.
- 2. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
- 3. THE STRUCTURE SHALL BE INSPECTED AFTER EACH STORM EVENT BY THE FINANCIALLY RESPONSIBLE PARTY OR HIS AGENT AND REPAIRS MADE AS NECESSARY.
- 4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION ARE MINIMIZED.
- 5. THE SEDIMENT TRAP SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE DRAINAGE BASIN HAS BEEN PROPERLY STABILIZED.
- 6. SEE SILT FENCE DETAIL FOR SILT FENCE INSTALLATION.

SILT-BOX INLET PROTECTION DETAIL



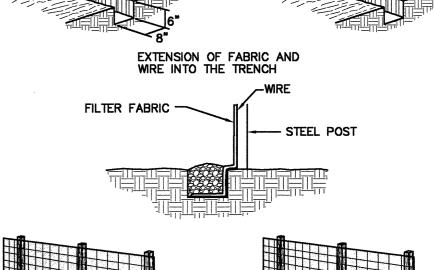
SEDIMENT TUBE INLET PROTECTION DETAILS

NTS



TEMPORARY CHECK DAM DETAIL

SET STEEL POSTS AND EXCAVATE A 4"x4" 2. ATTACH WIRE FENCING TO THE STEEL POST. TRENCH UPSLOPE ALONG THE LINE OF POSTS.



ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.

4. BACKFILL AND COMPACT THE

EXCAVATED SOIL.

SILT FENCE NOTES:

- 1. THE HEIGHT OF A SILT FENCE SHOULD NOT EXCEED 36 INCHES. HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE THE STRUCTURE TO FAIL.
- 2. THE FILTER FABRIC SHOULD BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE FENCE TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, A FILTER CLOTH SHOULD BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP AND SEALED SECURELY.
- 3. POSTS SHOULD BE SPACED A MAXIMUM OF 10 FEET APART AT THE FENCE LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 12 INCHES. WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE. POST SPACING SHOULD NOT EXCEED 6 FEET.
- 4. A TRENCH SHOULD BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF POSTS, UPSLOPE FROM THE FENCE.
- 5. WHEN STANDARD STRENGTH FILTER IS USED, A WIRE MESH SUPPORT FENCE SHOULD BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1-INCH LONG, TIE WIRES OR HOG RINGS. THE WIRE SHOULD EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES AND SHOULD NOT EXCEED MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- 6. THE STANDARD STRENGTH FILTER FABRIC SHOULD BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES OF THE FABRIC SHOULD BE EXTENDED INTO THE TRENCH. THE FABRIC SHOULD NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. DO NOT STAPLE FILTER FABRIC TO TREES.
- 7. WHEN EXTRA STRENGTH FILTER FABRIC AND CLOSER POST SPACING ARE USED, THE WIRE MESH SUPPORT FENCE MAY BE ELIMINATED. IN SUCH A CASE, THE FILTER FABRIC IS STAPLED OR WIRED DIRECTLY TO THE POSTS WITH ALL OTHER PROVISIONS OF NO. 6 APPLYING.
- 8. THE TRENCH SHOULD BE BACKFILLED AND THE SOIL
- COMPACTED OVER THE FILTER FABRIC. 9. ONLY STEEL POSTS ARE ALLOWED.
- 10. SEDIMENT SHALL BE REMOVED & SILT FENCING RESTORED WHEN SEDIMENT HAS ACCUMULATED TO A HEIGHT OF 12" AGAINST THE SILT FENCE.



ON BEHALF OF USC CAMPUS PLANNING & CONSTRUCTION PROJECT NAME: UNIVERSITY OF SOUTH CAROLINA DARLA MOORE SCHOOL OF BUSINESS CONSTRUCTION BID PACKAGE 1C: SITE PREPARATION OSE PROJECT NUMBER: H27-6069-AC-1C 743 GREENE STREET COLUMBIA, SC 20298 TEL: 803 777 4022 FAX: 803 777 0484 RAFAEL VIÑOLY ARCHITECTS PC **50 VANDAM STREET** NEW YORK, NY 10013 TEL: 212 924 5060 FAX: 212 924 5858 STRUCTURAL ENGINEER, MEP ENGINEER, CIVIL ENGINEER, FIRE PROTECTION STEVENS & WILKINSON 1501 MAIN STREET, FLOOR 1 COLUMBIA, SC 29201-5801 TEL: 803 765 0320 FAX: 803 254 6209 LANDSCAPE ARCHITECT: GRIMBALL-COTTERILL ASSOCIATES 600 BELTLINE BOULEVARD COLUMBIA, SC 29205 TEL: 803 738 9525 FAX: BP BARBER & ASSOCIATES, INC. 101 RESEARCH DRIVE COLUMBIA, SC 29202-1116 TEL: 803 429 4028 FAX: SPECIFICATIONS: ROBERT SCHWARTZ & ASSOCIATES 589 8TH. AVE., 17TH. FLOOR NEW YORK, NY 10018 TEL: 212 691 3248 FAX: 212 633 1613 BID PACKAGE 10 SITE PREPARATION OCTOBER 21, 2011 STEVENS & WILKINSON OF SOUTH CAROLINA, INC. ്. No. C00226 . SEAL & SIGNATURE ISSUE ISSUE ISSUE ISSUE ISSUE NO. DATE NO. DATE NO. DATE

USC BUSINESS PARTNERSHIP FOUNDATION

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SEDIMENT & EROSION CONTROL DETAILS

KEY PLAN & NORTH SIGN

SHEET TITLE: SHEET NUMBER:

SEDIMENT & EROSION CONTROL DETAILS

