SECTION 00 9111

ADDENDUM NUMBER 1

PARTICULARS

1.01 DATE: 6-17-2015

1.02 OWNER: UNIVERSITY OF SOUTH CAROLINA

1.03 PROJECT: UPSTATE ADMINISTRATION BUILDING REPAIRS AND RENOVATIONS

1.04 STATE PROJECT#: H34-9541-JV-B

1.05 ARCHITECT: GMK ASSOCIATES

1.06 ARCHITECTS PROJECT #: 11049.03

TO: PROSPECTIVE BIDDERS :

2.01 THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND MODIFIES THE ORIGINAL PROCUREMENT DOCUMENTS DATED 5-28-2015 , WITH AMENDMENTS AND ADDITIONS NOTED BELOW.

2.02 ACKNOWLEDGE RECEIPT OF THIS ADDENDUM IN THE SPACE PROVIDED IN THE BID FORM . FAILURE TO DO SO MAY DISQUALIFY THE BIDDER.

2.03 THIS ADDENDUM CONSISTS OF 1 PAGE(S) AND THE FOLLOWING DRAWINGS:

A. Pre-Bid Sign in Sheets - Issued for Information Only
B. C2.0
C. C3.0
D. C6.0
E. A2.1
F. S001
G. S501

CHANGES TO THE DRAWINGS:

3.01 DRAWING C2.0, C3.0, C6.0, A2.1, S001, S501

A. Replace the existing sheets listed above with the new revised sheets attached.

END OF ADDENDUM NUMBER 1

University of South Carolina Upstate- Pre Bid Sign In Sheet

Spartanburg, South Carolina

Project Name: Upstate Administration Building Repairs and Renovations
Project Number: H34-9541-JV-B
Pre Bid Date & Time: June 9, 2015 at 10:00 am

Name	Company Name	Address	Phone #	Email
Matt Bello	Melloul - Blaney	55 Commerce Ctr Greenville, SC	864-627-0302	estimatingsc@melloul.com
DAVID SMITH	STRICKLAND WATERPROOFING CO	500 N. HOSKINS RD CHARLOTTE, NC	803 367 6670	DSMITH@STRICKLANDWATERPROOFING.COM
Don Ford	Lesco	1341 Nazareth Church Rd Spartanburg, SC	843-200-3539	dford@lesco.net
Zack Savitz	GMK	1201 Main St. Suite 2100	803-600-4981	ZSAVITZ@GMKA.com
TOM WEILAND	GMK	1201 Main St. 2100 Columbia, SC 29201	803-256-0000	tweiland@gmka.com
Hoyt Burnett	Landplan Group	1621 Pickens St. Columbia, SC 29201	803-256-0562	hburnette landplansouth.com
Andy Derrick	USC		7-5811	aderrick@fmc.sc.edu
Glen Jackson	USC			
Fred Scott	USCUPSTATE		864.503.5320	fscott@uscupstate.edu

*****By signing this sheet you agree to receive information electronically.*

University of South Carolina Upstate- Pre Bid Sign In Sheet

Spartanburg, South Carolina

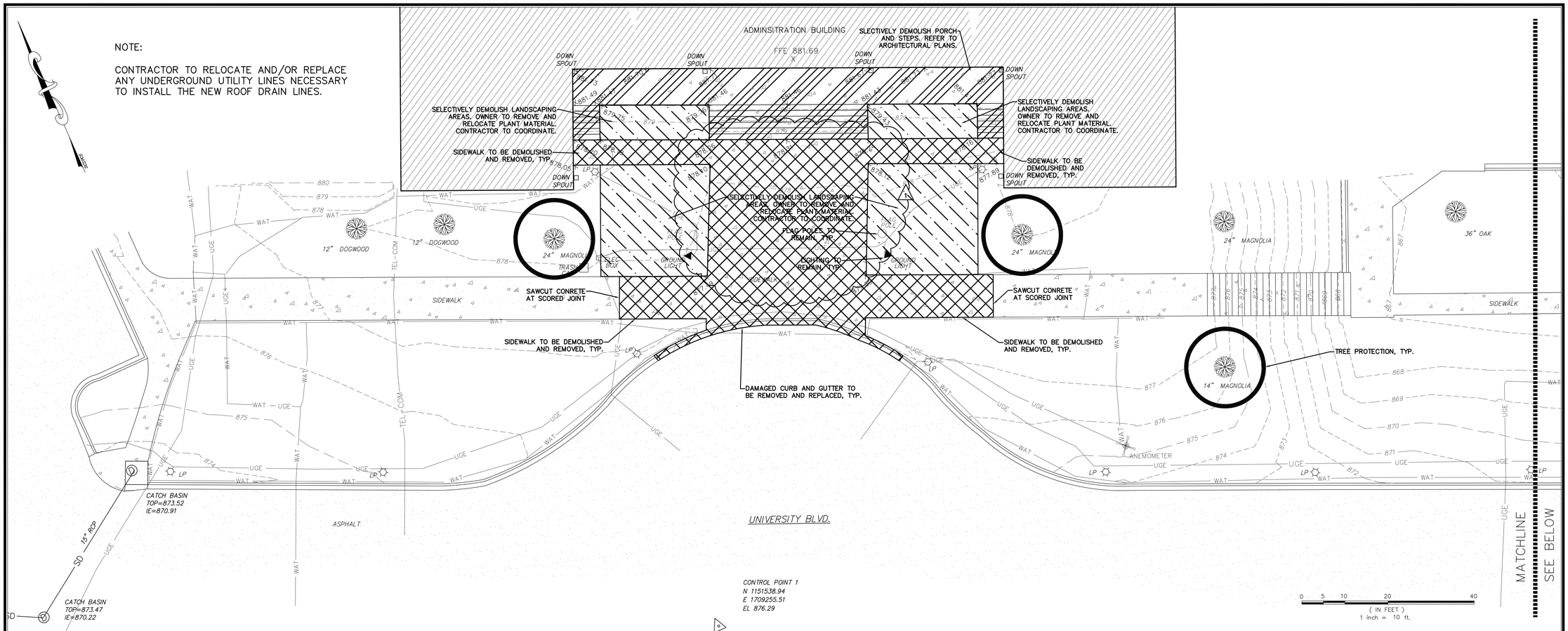
Project Name: Upstate Administration Building Repairs and Renovations
Project Number: H34-9541-JV-B
Pre Bid Date & Time: June 9, 2015 at 10:00 am

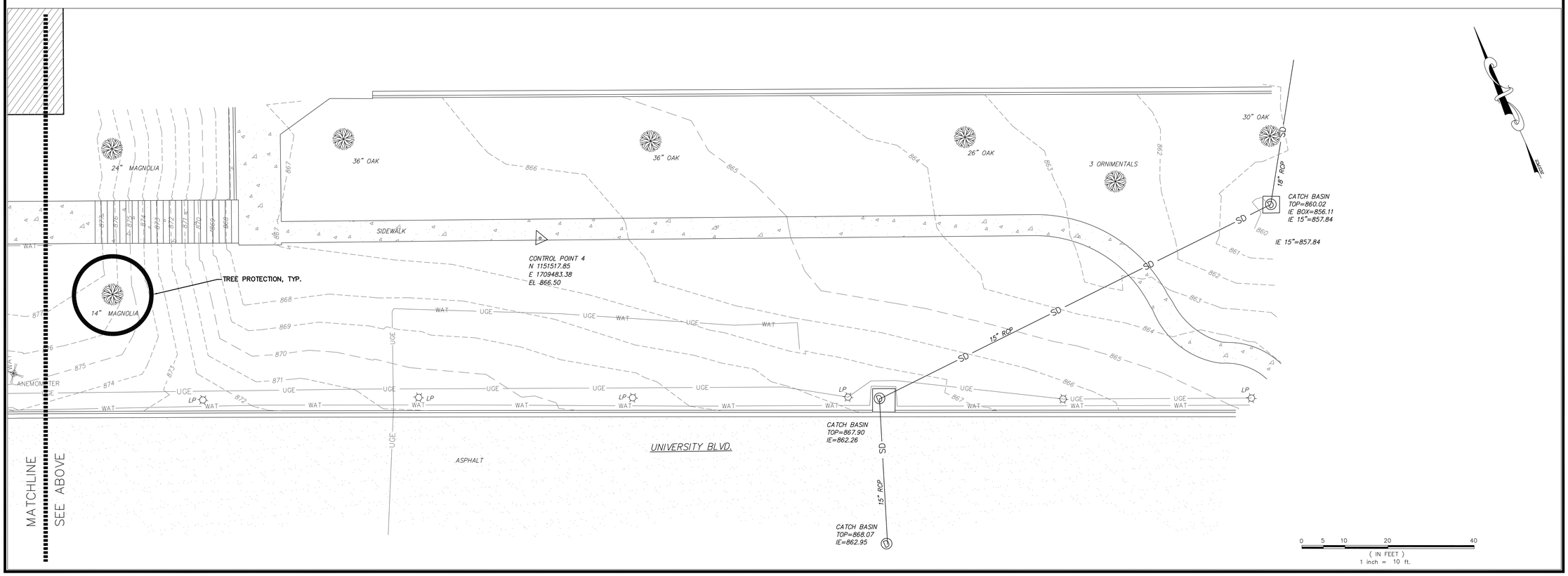
Name	Company Name	Address	Phone #	Email
Rick Cook	ADC		843 Exc 0161	rickc@adcengineering.com
Cody Godfrey	FMC Upstate		864-503-5500	cgodfrey@uscupstate.edu
DENO WHITE	CAPITOL Const		864-809 8101	DENO@CAPITOLCONSTRUCTION.US

****By signing this sheet you agree to receive information electronically.*

NOTE:

CONTRACTOR TO RELOCATE AND/OR REPLACE ANY UNDERGROUND UTILITY LINES NECESSARY TO INSTALL THE NEW ROOF DRAIN LINES.





GMK ASSOCIATES, INC.

Design/Planning/Construction
1201 Main Street, Suite 2100
Columbia, S.C. 29201
tel. 803-256-0000
fax 803-255-7243

consultants

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1621 PICKENS STREET
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WWW.LANDPLANSOUTH.COM

owner

UNIVERSITY OF SOUTH CAROLINA
FACILITIES OFFICE
743 GREENE STREET
COLUMBIA, SC 29208

project name/number

USC UPSTATE
ADMINISTRATION BUILDING
PORCH REPAIRS
H34-9541-JV-B

project number

11049.03

seals/signature

SOUTH CAROLINA CERTIFICATE OF AUTHORIZATION
THE LANDPLAN GROUP SOUTH, INC.
No. 3092

SOUTH CAROLINA LICENSED PROFESSIONAL ENGINEER
No. 26168
HENRY C. BURNETT III

issued for

CONSTRUCTION DOCUMENTS

date

MAY 28, 2015

number	item	date
1	Addendum No. 001	6.15.15

key plan

JOHN C. STOCKWELL ADMINISTRATION BUILDING

sheet title

EXISTING CONDITIONS & DEMOLITION PLAN

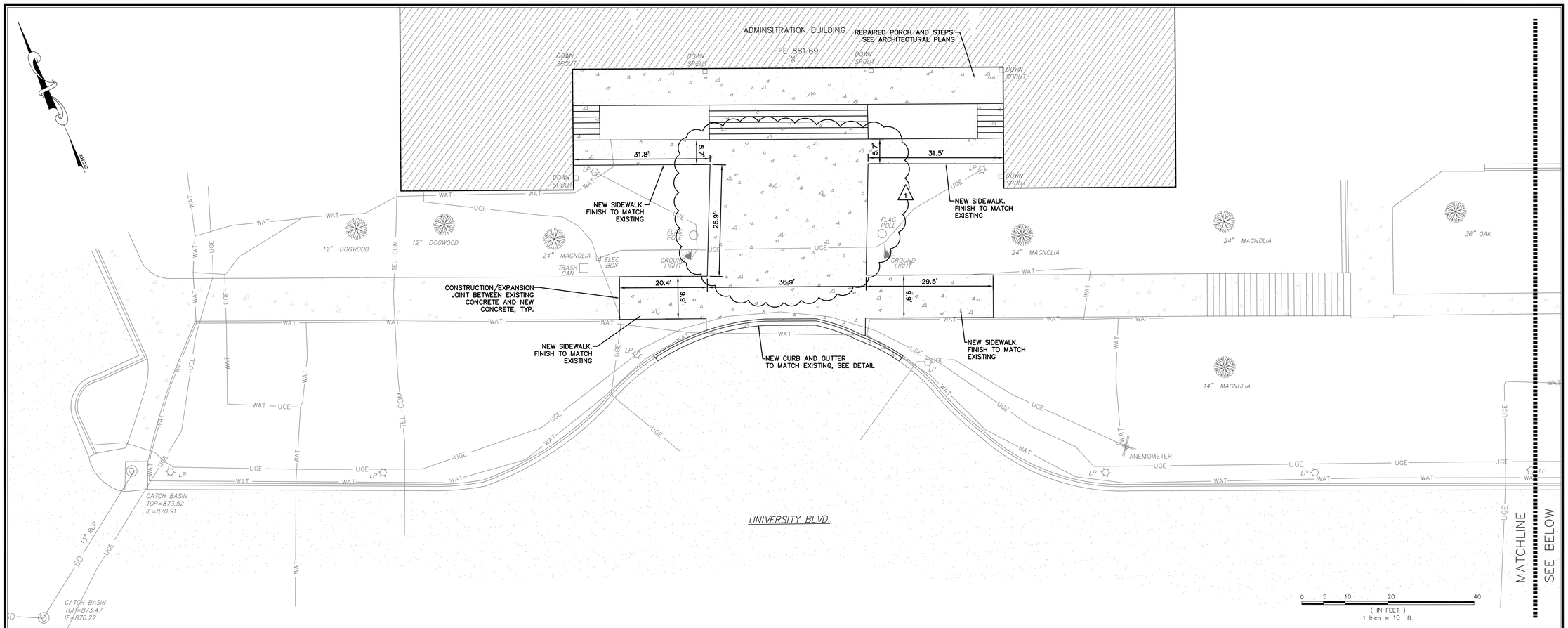
TLPGS NO. - 721

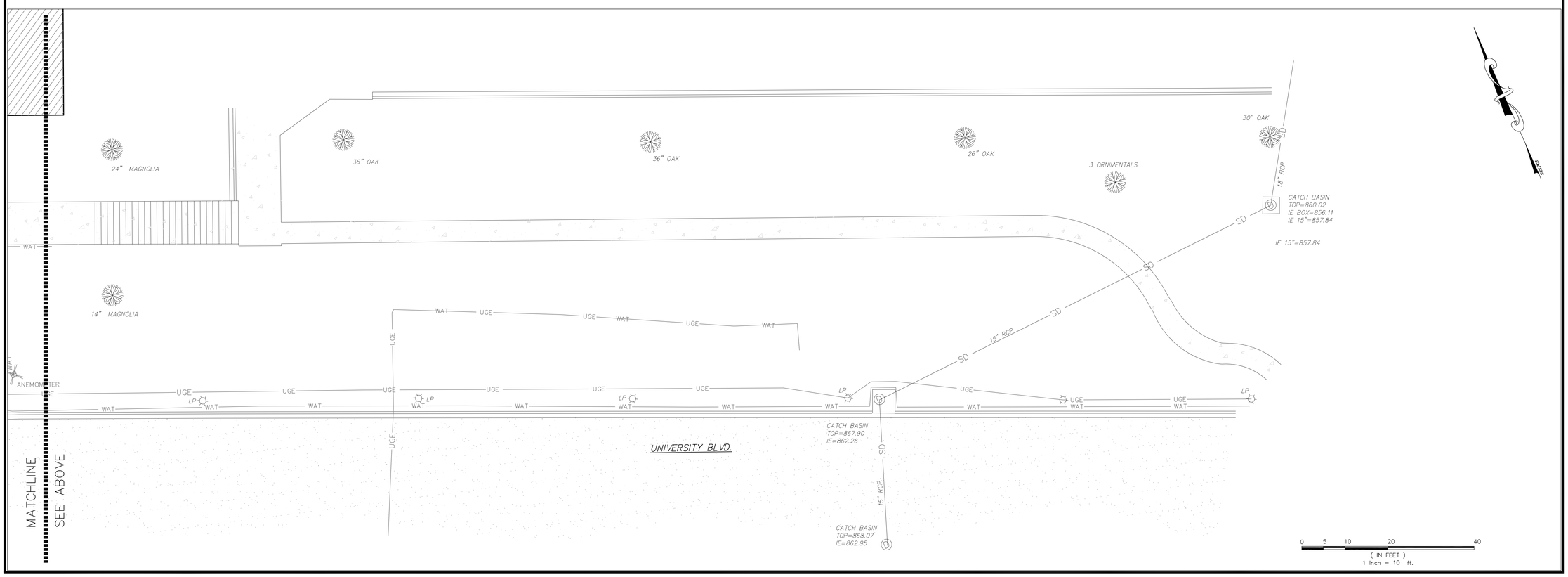
sheet number

C2.0

drawn by HCB

checked by HCB





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UPSTATE
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UNIVERSITY OF SOUTH CAROLINA
FACILITIES OFFICE
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COLUMBIA, SC 29208

project name/number

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ADMINISTRATION BUILDING
PORCH REPAIRS
H34-9541-JV-B

project number

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seals/signature

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THE LANDPLAN GROUP SOUTH, INC.
No. 3092
CERTIFICATE OF AUTHORIZATION

SOUTH CAROLINA
REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
No. 26168
HENRY C. BURNETT III

issued for

CONSTRUCTION DOCUMENTS

date

MAY 28, 2015

number	item	date
1	Addendum No. 001	6.15.15

key plan

sheet title

LAYOUT PLAN

TLPGS NO. - 721

sheet number

C3.0

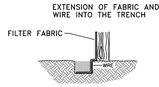
drawn by HCB

checked by HCB

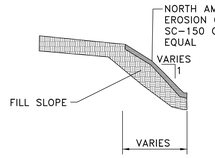
NOTES:
1. THE HEIGHT OF A SILT FENCE SHOULD NOT EXCEED 36 INCHES. HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE THE STRUCTURE TO FAIL.
2. THE FILTER FABRIC SHOULD BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE FENCE TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, A FILTER CLOTH SHOULD BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP AND SEALED SECURELY.
3. METAL 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 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 WIRED TO THE FENCE, AND 8 INCHES OF THE 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.

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

3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



TEMPORARY SILT FENCE DETAIL
NOT TO SCALE



SECTION VIEW

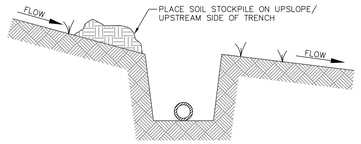
NOTES:
1. SEED AND FERTILIZE AREA PRIOR TO BLANKET INSTALLATION.
2. STAKE/STAPLE OR OTHERWISE FIX BLANKET IN PLACE PER MANUFACTURER'S RECOMMENDATIONS.
3. CONTRACTOR SHALL SUBMIT EROSION CONTROL BLANKET SHOP DRAWING AND/OR MANUFACTURER SUPPLIED SPECIFICATIONS. INSTALLATION DETAILS AND INSTRUCTIONS 10 DAYS PRIOR TO PROPOSED USAGE FOR ENGINEER'S APPROVAL.

EROSION CONTROL MATTING DETAIL (IF NECESSARY)
NOT TO SCALE

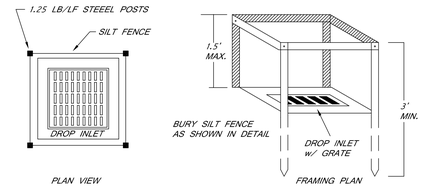
TEMPORARY SEEDING SCHEDULE

FROM MAY 1 – AUGUST 31	FROM SEPT. 1 – APRIL 30
1 LB. BROWN TOP MILLET	2 LBS. ANNUAL RYE GRASS
2 LBS. HULLED BERMUDA	0.5 LB. HULLED BERMUDA
25 LBS. 10-10-10 FERTILIZER	1.5 LBS. UNHULLED BERMUDA
75 LBS. LIMESTONE	25 LBS. 10-10-10 FERTILIZER
OR	75 LBS. LIMESTONE
1 LB. BROWN TOP MILLET	OR
1 LB. HULLED BERMUDA	2 LBS. ANNUAL RYE GRASS
2 LBS. UNHULLED BERMUDA	0.5 LB. HULLED BERMUDA
25 LBS. 10-10-10 FERTILIZER	1 LB. HULLED BERMUDA
75 LBS. LIMESTONE	2 LBS. UNHULLED BERMUDA
OR	25 LBS. 10-10-10 FERTILIZER
DEEP SANDY SOILS	75 LBS. LIMESTONE
2 LBS. BROWN TOP MILLET	OR
3 LBS. UNHULLED BERMUDA	1 LB. ANNUAL RYE GRASS
25 LBS. 10-10-10 FERTILIZER	3 LBS. FESCUE GRASS
75 LBS. LIMESTONE	25 LBS. 10-10-10 FERTILIZER
	75 LBS. LIMESTONE
	OR
	DEEP SANDY SOILS
	1 LB. HULLED BERMUDA
	2 LBS. RYE GRASS OR 2 LBS. GRAIN RYE
	2 LBS. UNHULLED BERMUDA
	25 LBS. 10-10-10 FERTILIZER
	75 LBS. LIMESTONE

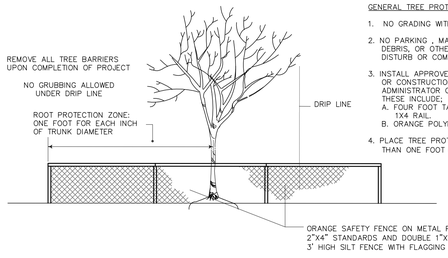
* QUANTITIES ARE PER 1000 SF OF SEEDING AREA.



TYPICAL TRENCH EXCAVATION STOCKPILE
NOT TO SCALE



TEMPORARY INLET PROTECTION DETAIL
NOT TO SCALE

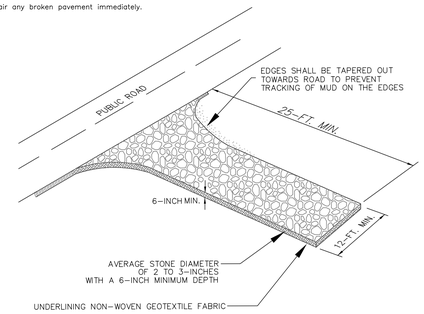


GENERAL TREE PROTECTION NOTES:
1. NO GRADING WITHIN THE TREE PROTECTION ZONE.
2. NO PARKING , MATERIAL STORAGE, BURY PITS, CONCRETE WASHOUT, BURNING OF DEBRIS, OR OTHER SIMILAR CONSTRUCTION SITE ACTIVITIES THAT COULD DISTURB OR COMPACT THE SOIL WITHIN THE TREE PROTECTION ZONE.
3. INSTALL APPROVED TREE PROTECTION BARRIERS PRIOR TO ANY LAND DISTURBANCE OR CONSTRUCTION ACTIVITY AND KEEP BARRIERS IN PLACE UNTIL ZONING ADMINISTRATOR OR LAND DEVELOPMENT PLANNER APPROVES THEIR REMOVAL. THESE INCLUDE;
   A. FOUR FOOT TALL WOODEN POST AND RAIL FENCING OF 2X4 POSTS AND DOUBLE 1X4 RAIL.
   B. ORANGE POLYETHYLENE LAMINAR FENCING MOUNTED ON WOODEN POSTS.
4. PLACE TREE PROTECTION BARRIERS AROUND THE TREES IN A RADIUS OF NO LESS THAN ONE FOOT (1') FOR EVERY ONE INCH (1") OF TREE DIAMETER.

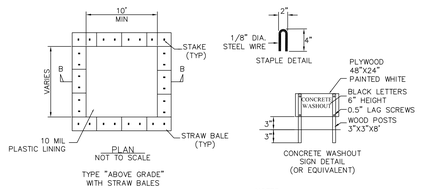
TREE PROTECTION DETAIL
NOT TO SCALE

NOTES:
1. EXACT DIMENSIONS OF EXISTING CURB AND GUTTER ARE UNKNOWN. CONTRACTOR TO MATCH EXISTING CURB AND GUTTER.
2. CURB AND GUTTER TO BE CONSTRUCTED IN 10-FOOT LENGTHS.
3. 1/2 INCH EXPANSION JOINT SHALL BE PROVIDED AT INTERVALS NOT TO EXCEED 100 FEET, AT THE ENDS AND MID-POINT OF RETURNS, AND AT ANY POINT WHERE THE NEW CURB AND GUTTER ABUTS OTHER CONCRETE STRUCTURES.
4. CONTRACTOR TO REMOVE BRICKS FROM BRICK BORDER COURSE, CLEAN MORTAR FROM BRICKS AND RE-USE BRICKS IN NEW INSTALLATION.
5. IT IS UNKNOWN IF CONCRETE UNDER BRICK BORDER COURSE IS PART OF CONCRETE CURB AND GUTTER. THE CONTRACTOR MAY REMOVE CURB AND GUTTER WITHOUT REMOVING THE BRICK BORDER COURSE. SHOULD BRICK BORDER COURSE HAVE TO BE REMOVED, THIS DETAIL SHALL BE USED.

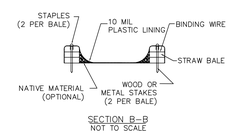
BARRIER TYPE CURB AND GUTTER WITH BRICK BORDER COURSE DETAIL
NOT TO SCALE



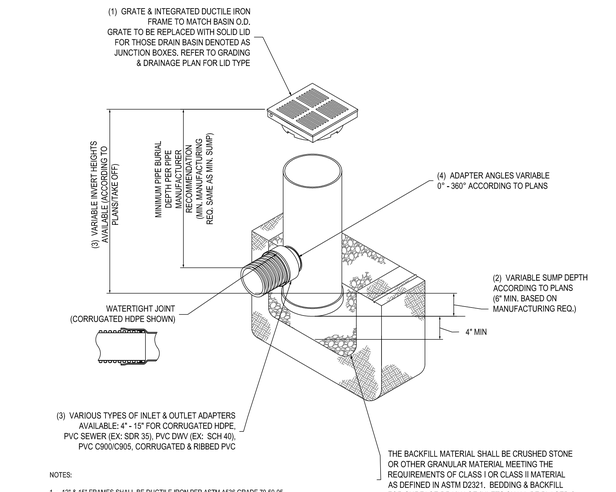
CONSTRUCTION ENTRANCE DETAIL
NOT TO SCALE



NOTES
1. ACTUAL LOCATION SHOWN ON SHEET 5.
2. ONLY CONCRETE FROM MIXER TRUCK CHUTES SHOULD BE WASHED INTO CONCRETE WASHOUT AREA.
3. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
4. ONCE CONCRETE WASTES ARE WASHED INTO THE WASHOUT AREA AND ALLOWED TO HARDEN, THE CONCRETE SHOULD BE BROKEN UP, REMOVED, AND DISPOSED OF PER WM-5, SOLID WASTE MANAGEMENT.
5. WASHOUT AREAS MUST BE CLEANED OUT WHEN IT IT 75% FULL.
6. WHEN WASHOUT AREA IS NO LONGER NEEDED, MATERIALS USED TO CONSTRUCT THE WASHOUT AREA SHOULD BE REMOVED FROM THE SITE AND DISPOSED OF.
7. HOLES, DEPRESSIONS OR OTHER GROUND DISTURBANCE CAUSED BY THE REMOVAL OF THE CONCRETE WASHOUT AREA SHOULD BE BACKFILLED AND REPAIRED.

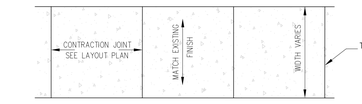


CONCRETE WASHOUT AREA DETAIL
NOT TO SCALE



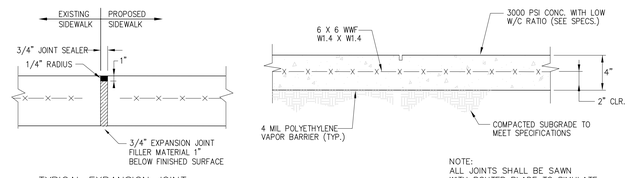
NOTES:
1 - 12" & 15" FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
2 - DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS.
3 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE & PVC SEWER.
4 - ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°.

8"-15" DRAIN BASIN DETAIL
NOT TO SCALE



CONCRETE SIDEWALK

NOTE:
EXPANSION JOINTS SHALL BE PROVIDED EVERY 30' IN ACCORDANCE WITH TYPICAL EXPANSION JOINT DETAIL.

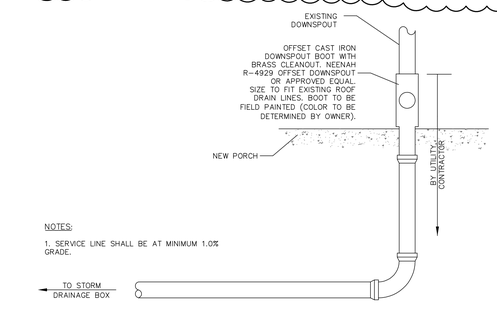


TYPICAL EXPANSION JOINT
(FOR SIDEWALK)

NOTE:
ALL JOINTS SHALL BE SAWN WITH ROUTER BLADE TO SIMULATE TOOLED JOINT. MATCH EXISTING TO THE GREATEST EXTENT POSSIBLE.

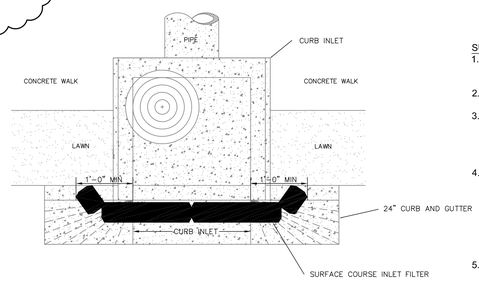
NOTES
1. CONCRETE SCORING 5' O.C. AND EXPANSION JOINTS AT 30' O.C. OR MATCH EXISTING SIDEWALK JOINT SPACING.
2. SIDEWALK CROSS SLOPE BE NO STEEPER THAN 1:48 AND SHALL MEET 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (SECTION 403.3).

SIDEWALK DETAIL
NOT TO SCALE



NOTES:
1. SERVICE LINE SHALL BE AT MINIMUM 1.0% GRADE.

TYPICAL ROOF DRAIN DETAIL
NOT TO SCALE



SURFACE COURSE INLET FILTER NOTES:
1. DRAWING SHOWS TYPE 16 CATCH BASIN. TYPE E INLET STRUCTURE FILTERS ARE APPLICABLE FOR CATCH BASIN TYPE 1, 16, 17, AND 18 AFTER THE ROAD SURFACE COURSE IS PLACED.
2. PLACE CURB INLET FILTER AS SHOWN IN AREA WHERE SILT MAY SPILL OVER SIDEWALK AND CURB AFTER BASE IS PLACED.
3. CURB INLET FILTER SHALL BE INSTALLED IN FRONT OF THE CURB INLET OPENING. THE FILTER SHALL HAVE A MINIMUM DIAMETER OF 9 INCHES AND A MINIMUM LENGTH 2 FEET LONGER THAN THE LENGTH OF THE CURB OPENING. THIS WILL ALLOW FOR SUFFICIENT LENGTH TO COVER THE INLET WITH AT LEAST ONE FOOT BEYOND THE INLET ON BOTH ENDS.
4. THE FILTER SHALL BE CONSTRUCTED WITH A SYNTHETIC MATERIAL THAT WILL ALLOW STORM WATER TO FREELY FLOW THROUGH WHILE TRAPPING SEDIMENT DEGRADATION BY ULTRAVIOLET EXPOSURE AND IS RESISTANT TO CONTAMINANTS COMMONLY ENCOUNTERED IN STORM WATER. STRAW, STRAW FIBER, STRAW BALES, PINE NEEDLES, AND LEAVE MULCH ARE NOT A PERMISSIBLE MATERIAL FOR FILTER CONSTRUCTION. MUSE FILTER FABRIC THAT IS CAPABLE OF REDUCING EFFLUENT SEDIMENT CONCENTRATIONS BY NO LESS THAN 80% UNDER TYPICAL SEDIMENT MIGRATION CONDITIONS.
5. FILL THE SGGREGATE COMPARTMENT TO A LEVEL (AT LEAST ½ FULL) THAT WILL KEEP THE SURFACE COURSE INLET FILTER IN PLACE AND CREATE A SEAL BETWEEN THE FILTER AND ROAD SURFACE.
6. PONDING IS LIKELY IF SEDIMENT IS NOT REMOVED REGULARLY. INSPECTINO OF CURB INLET FILTER SHOULD BE MADE EVERY SEVEN (7) CALENDAR DAYS. ANY NEEDED REPAIRS SHOULD BE HANDLED IMMEDIATELY. THE CURB INLET FILTER SHOULD BE CLEANED IF A VISUAL INSPECTION SHOWS SILT AND DEBRIS BUILT UP AROUND THE FILTER. SEDIMENT REMOVAL SHALL BE PAID FOR AS SILT BASINS.

SURFACE COURSE INLET FILTER FOR EXISTING CATCH BASIN DETAIL
NOT TO SCALE

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owner

UPSTATE
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number	Item	date
1	Addendum No. 001	6.15.15

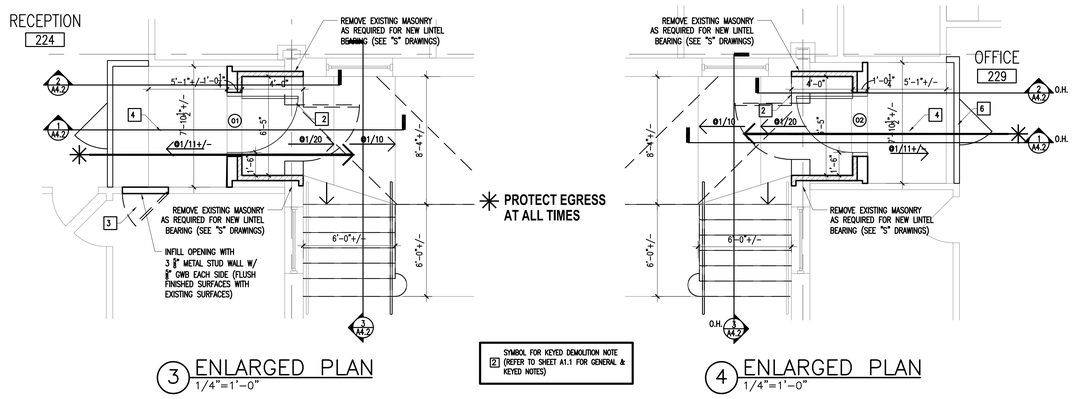
key plan

sheet title
DETAILS

TLPGS NO. - 721

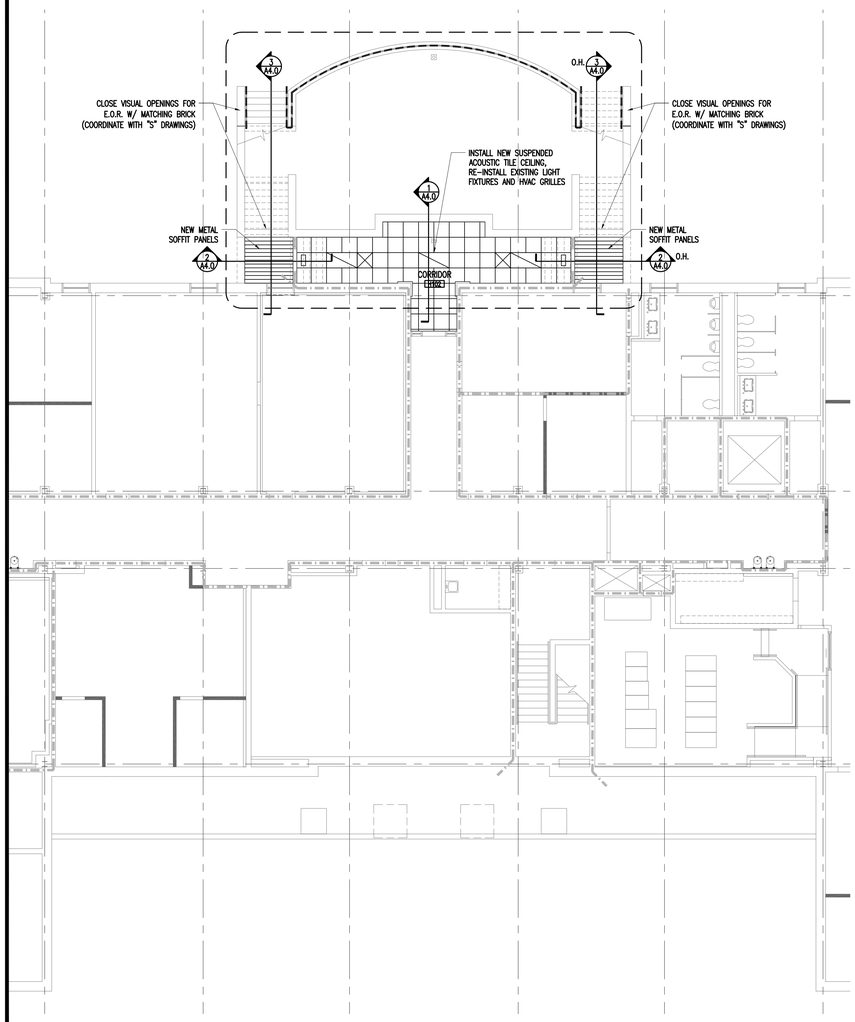
sheet number
C6.0

drawn by HCB
checked by HCB

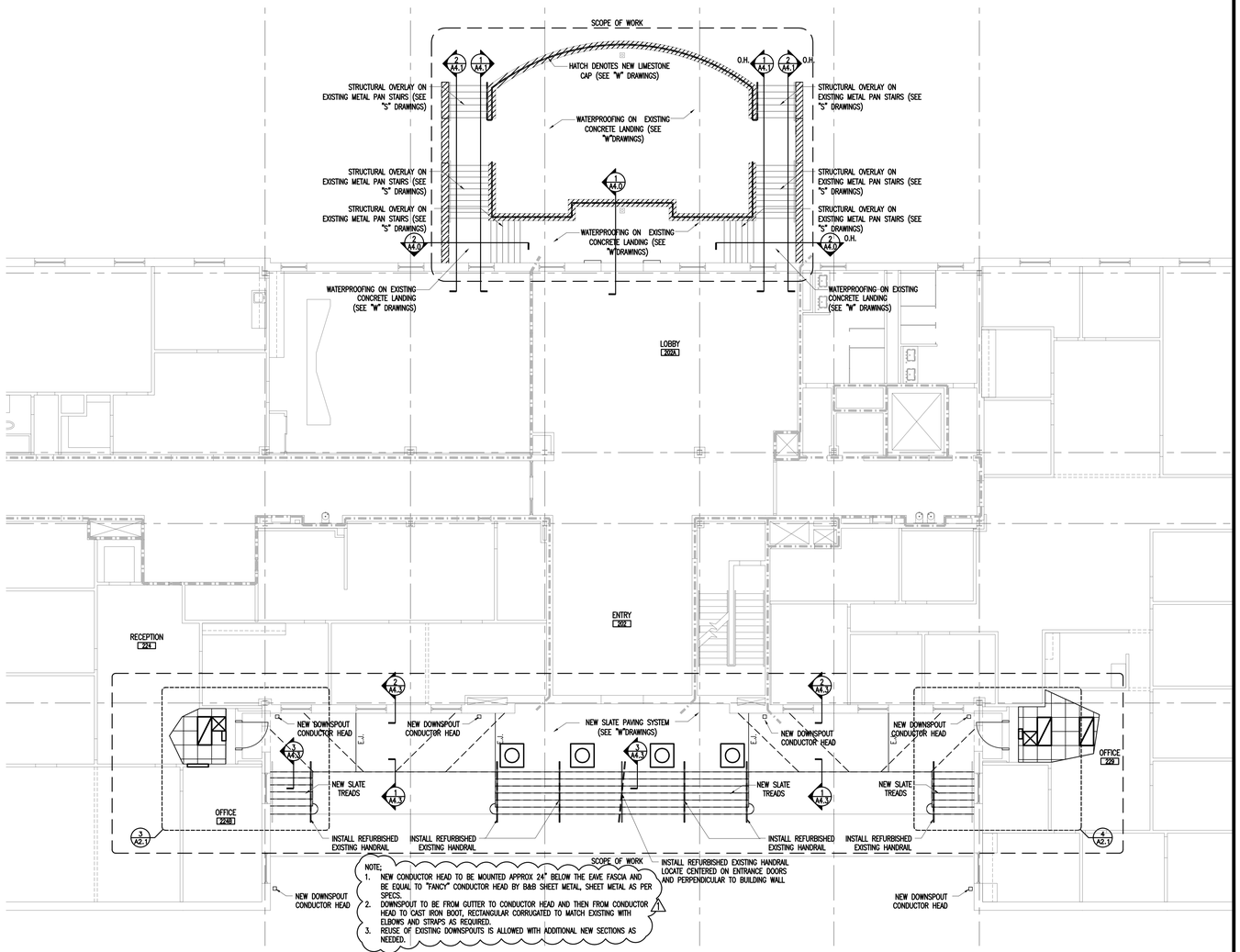


3 ENLARGED PLAN
1/4"=1'-0"

4 ENLARGED PLAN
1/4"=1'-0"



1 PARTIAL FIRST FLOOR RENOVATION PLAN
1/8"=1'-0"



2 PARTIAL SECOND FLOOR RENOVATION PLAN
1/8"=1'-0"

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project name/number

UPSTATE ADMINISTRATION BUILDING REPAIRS AND RENOVATIONS
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project number

11049.03

seals/signature

issued for

CONSTRUCTION DOCUMENTS

date

MAY 28, 2015

number	item	date
1	ADDENDUM NO 001	6/15/15

key plan

JOHN C. STOCKWELL ADMINISTRATION BUILDING

sheet title

PARTIAL FIRST AND SECOND RENOVATION FLOOR PLANS ENLARGED PLANS

sheet number

A2.1

drawn by RTC
checked by TMW

ABBREVIATIONS:

AB	ANCHOR BOLT	LB	POUND
ADJ	ADJACENT	LG	LONG
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	LL	LIVE LOAD
AFF	ABOVE FINISHED FLOOR	LLBB	LONG LEG BACK TO BACK
AHU	AIR HANDLING UNIT	LLH	LONG LEG HORIZONTAL
ALUM	ALUMINUM	LLV	LONG LEG VERTICAL
ALT	ALTERNATE	LONG	LONGITUDINAL
APPD	APPROVED	LSL	LONG SLOTTED HOLES
APPROX	APPROXIMATE	LT	LIGHT
ARCH	ARCHITECT	LTWT	LIGHTWEIGHT
B/	BOTTOM OF	MAS	MASONRY
BLDG	BUILDING	MAX	MAXIMUM
BM	BEAM	MECH	MECHANICAL
BOT	BOTTOM	MEZZ	MEZZANINE
BRDG	BRIDGING	MFR	MANUFACTURER
BRG	BEARING	MID	MIDDLE
BLK	BLOCK	MIN	MINIMUM
BTWN	BETWEEN	MISC	MISCELLANEOUS
CANT	CANTILEVER	MJ	MASONRY JOINT
C/C	CENTER TO CENTER	MO	MASONRY OPENING
CHAM	CHAMFER	N	NORTH
CIRC	CIRCULAR	NIC	NOT IN CONTRACT
CJ	CONTROL JOINT	NO	NUMBER
CLR	CLEAR	NOM	NOMINAL
CMU	CONCRETE MASONRY UNITS	NS	NEAR SIDE
COL	COLUMN	NTS	NOT TO SCALE
CONC	CONCRETE	O/O	OUT TO OUT
CONN	CONNECTION	OC	ON CENTER
CONST	CONSTRUCTION	OD	OUTSIDE DIAMETER
CONT	CONTINUOUS	OF	OUTSIDE FACE
CONTR	CONTRACTOR	OPNG	OPENING
COORD	COORDINATE	OPP	OPPOSITE
CTRD	CENTERED	OW	OPEN WEB
D	DEPTH	PAF	POWDER ACTUATED FASTENER
DBE	DECK BEARING ELEVATION	PL	PLATE
DBL	DOUBLE	PLF	POUNDS PER LINEAL FOOT
DET	DETAIL	PROJ	PROJECTION
DIA	DIAMETER	PSF	POUNDS PER SQUARE FOOT
DIAG	DIAGONAL	PSI	POUNDS PER SQUARE INCH
DIM	DIMENSION	PT	PRESSURE TREATED
DL	DEAD LOAD		
DWGS	DRAWINGS		
E	EAST	RAD	RADIUS
EA	EACH	REF	REFERENCE
EB	EXPANSION BOLT	REINF	REINFORCEMENT
EF	EACH FACE	RET	RETURN
EJ	EXPANSION JOINT	REV	REVISION
EL	ELEVATION	RP	RADIUS POINT
ELEV	ELEVATOR	RT	RIGHT
EMBED	EMBEDMENT	RTU	ROOF TOP UNIT
ENGR	ENGINEER		
ESS	EDGE OF SLAB	S	SOUTH
EQ	EQUAL	SA	SLEEVE ANCHOR
EQUIP	EQUIPMENT	SB	SLAB BOLSTER
EQUIV	EQUIVALENT	SCHED	SCHEDULE
ES	EACH SIDE	SECT	SECTION
EW	EACH WAY	SF-	STEP FOOTING
EXP	EXPANSION	SIM	SIMILAR
EXIST	EXISTING	SPEC	SPECIFICATIONS
EXT	EXTERIOR	SP	SPACING,ES
		SQ	SQUARE
FC	FILLED CELL	SSL	SHORT SLOTTED HOLES
FF	FINISHED FLOOR	SS	STAINLESS STEEL
FIN	FINISH	STD	STANDARD
FLR	FLOOR	STIFF	STIFFENERS
FDN	FOUNDATION	STL	STEEL
FRMG	FRAMING	SYMM	SYMMETRICAL
FT	FEET		
FTG	FOOTING	T/	TOP OF
FV	FIELD VERIFY	TB	TIE BEAM
		TC	TIE COLUMN
GALV	GALVANIZED	TCX	TOP CHORD EXTENSION
GA	GAUGE	T&B	TOP AND BOTTOM
		TEMP	TEMPORARY
HORIZ	HORIZONTAL	TRAN	TRANSVERSE
HSA	HEADED STUD ANCHOR	TS	TUBE STEEL
HSB	HIGH STRENGTH BOLT	TYP	TYPICAL
HT	HEIGHT		
		UNO	UNLESS NOTED OTHERWISE
ID	INSIDE DIAMETER		
IF	INSIDE FACE	VERT	VERTICAL
IN	INCH		
INCL	INCLUDE, ING	W	WEST
INT	INTERIOR	W/	WITH
		W/O	WITHOUT
JBE	JOIST BEARING ELEVATION	WP	WORK POINT
		WT	WEIGHT
		WWM	WELDED WIRE MESH

GENERAL NOTES

1. STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THE ENTIRE SET OF PROJECT DRAWINGS, PROJECT MANUAL, AND ALL SHOP DRAWING SUBMITTALS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING AND COORDINATING DIMENSIONS, CLEARANCES AND ALL OTHER COORDINATION ISSUES WITH OTHER TRADES.
3. IN CASE OF CONFLICT BETWEEN VARIOUS STRUCTURAL DRAWINGS, STRUCTURAL PLANS, OR STRUCTURAL DETAILS THE MORE STRINGENT SHALL GOVERN. THE CONTRACTOR SHALL MAKE ALLOWANCE IN HIS BID FOR THE MORE COSTLY CONDITION.
4. IN CASE OF CONFLICT BETWEEN DRAWINGS, DRAWING NOTES, AND SPECIFICATIONS THE MORE STRINGENT SHALL GOVERN. THE CONTRACTOR SHALL MAKE ALLOWANCE IN HIS BID FOR THE MORE COSTLY CONDITION.
5. WORK NOT INDICATED ON THE DRAWINGS, BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT SHOWN AT CORRESPONDING PLACES SHALL BE REPEATED.
6. ALL NOTES, DETAILS AND SECTIONS ARE INTENDED TO BE TYPICAL FOR THE GENERAL CONDITIONS INDICATED OR REFERENCED. ALL NOTES, DETAILS AND SECTIONS SHALL APPLY TO ANY SIMILAR SITUATION THROUGHOUT THE ENTIRE PROJECT UNLESS A SEPARATE NOTE, DETAIL OR SECTION IS PROVIDED.
7. REVIEW ALL PROJECT DOCUMENTS PRIOR TO FABRICATION AND START OF CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE OWNER OR OWNER'S REPRESENTATIVE PRIOR TO PROCEEDING WITH WORK.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROTECT EXISTING AND IN PLACE WORK OR UTILITIES DURING CONSTRUCTION
9. COORDINATE STRUCTURAL DRAWINGS WITH OTHER CONTRACT DRAWINGS, SPECIFICATIONS, OR SHOP DRAWINGS WHICH MAY AFFECT THE STRUCTURAL WORK.
10. USE OF REPRODUCED CONTRACT DRAWINGS IN PART OR WHOLE FOR THE PURPOSE OF SHOP DRAWING PREPARATION SHALL NOT RELIEVE THE CONTRACTOR OR SUBCONTRACTOR FROM THE REQUIREMENT TO ACCURATELY LAYOUT, COORDINATE, DETAIL, FABRICATE AND INSTALL A COMPLETE STRUCTURE.
11. ALL SUBMITTALS SHALL BE REVIEWED BY THE SUBCONTRACTOR AND CONTRACTOR FOR CONFORMANCE TO THE CONTRACT DOCUMENTS, FOR COMPLETENESS, AND TO RESPOND TO CONTRACTOR COORDINATION RELATED QUESTIONS PRIOR TO SUBMITTING FOR APPROVAL. ALL SHEETS SHALL BE STAMPED AND INITIALED BY THE CONTRACTOR INDICATING SUCH A REVIEW HAS BEEN COMPLETED PRIOR TO ISSUING SUBMITTAL FOR APPROVAL.
12. CONTRACTOR SHALL MAKE NO DEVIATIONS FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN APPROVAL.
13. ALL ELEVATIONS INDICATED IN STRUCTURAL DRAWINGS ARE IN REFERENCED TO A LOW LANDING FINISHED SLAB ELEVATION OF 0'-0" UNLESS NOTED OTHERWISE. SEE CIVIL FOR LOW LANDING FINISHED SLAB ELEVATION.
14. ALL EXTERIOR FINISH COMPONENTS ARE SUBJECT TO COMPONENTS AND CLADDING LOADING AS DIRECTED BY THE IBC. IT IS THE G.C. AND COMPONENT MANUFACTURER'S RESPONSIBILITY TO ENSURE ALL COMPONENTS HAVE BEEN DESIGNED AND/OR TESTED TO MEET THE COMPONENTS AND CLADDING LOADING SPECIFIC TO THIS SITE AS REQUIRED BY THE IBC.
15. ALL DIMENSIONS LABELED WITH THE PREFIX "±" ARE APPROXIMATE AND SHALL BE FIELD-VERIFIED BY GC

MASONRY

1. ALL MASONRY SHALL CONFORM TO SPECIFICATION SECTION 042000-"UNIT MASONRY"
2. MASONRY CONSTRUCTION SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" (ACI/ASE 530-05) AND "SPECIFICATIONS FOR MASONRY STRUCTURES (ACI/ASCE 530.0-05) EXCEPT AS MODIFIED OR AMENDED BY THE CONTRACT DOCUMENTS
3. LAP SPLICES FOR STEEL REINFORCING SHALL BE PER SCHEDULES.
4. GROUT MASONRY AT ALL REINFORCING. LOCATIONS SHOWN IN PLANS, SCHEDULES AND DETAILS AND AS REQUIRED FOR MISCELLANSOUS ANCHORAGE.
5. GROUT SOLID ALL MASONRY BELOW GRADE, INCLUDING BUT NOT LIMITED TO STEM WALLS AND RETAINING WALLS.
6. CAP ALL UNREINFORCED CELLS NOT SPECIFICALLY NOTED TO BE GROUTED WITH CLOSURE PLATES OR SCREENS PRIOR TO GROUTING.
7. EXTEND ALL NON-LOAD BEARING WALLS A MINIMUM OF 8" ABOVE CEILING AND CAP WITH A CONTINUOUS BOND BEAM REINFORCED WITH (2)-#5'S UNLESS NOTED OTHERWISE
8. PROVIDE LINTELS OVER ALL OPENINGS PER PLANS, SCHEDULES, AND DETAILS. PROVIDE OVER ALL OPENINGS WIDER THAN 12" INCLUDING HVAC DUCTS, PIPING, EMBEDED PANELS AND CABINETS, AND CONDUIT.
9. PROVIDE POURED SILL UNITS WITH KNOCK-OUT BOTTOMS AT THE BOTTOM OF ALL OPENINGS AND REINFORCE PER SCHEDULES AND DETAILS.
10. ALL OPENINGS FOR ELEMENTS PASSING THROUGH MASONRY WALLS SHALL BE BUILT IN AS WORK PROGRESSES. SAW CUTTING OR CORING OF COMPLETED MASONRY CONSTRUCTION IS NOT PERMITTED.
11. ALL OPENINGS FOR ELEMENTS PASSING THROUGH MASONRY WALLS SHALL BE COORDINATED SUCH THAT THEY DO NOT PASS THROUGH OR INFRINGE ON OTHER MASONRY LINTELS INCLUDING THE FULL DEPT OF THE LINTEL FOR THE FULL WIDTH OF THE BEARING.
12. COORDINATE VERTICAL REINFORCING WITH ALL SCHEDULES, DETAILS AND TYPICAL DETAILS
13. PROVIDE MASONRY CONTROL JOINTS LOCATED AND REINFORCED PER PLANS, NOTES AND TYPICAL DETAILS
14. GROUT A MINIMUM OF 24" (OR TO BOND BEAM BELOW IF LESS THAN 24") ALL BEARING PLATES.
15. COORDINATE INSTALLATION OF MASONRY WALLS WITH ALL TRADES AND STRUCTURAL DETAILS TO ENURE PROPER INSTALLATION SEQUENCE
16. THE MASONRY WALLS ARE NOT DESIGNED TO WITHSTAND TEMPORARY CONSTRUCTION LOADS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN, INSTALL AND MAINTAIN BRACING TO STABILIZE MASONRY WALLS DURING CONSTRUCTION.
17. FIELD TESTING AND INSPECTION OF MASONRY MATERIALS AND MASONRY CONSTRUCTION SHALL BE COMPLETED BY AN INDEPENDENT TESTING AGENCY COMMISSIONED BY THE OWNER, AND SHALL BE IN ACCORDANCE WITH THE SCHEDULE OF SPECIAL INSPECTIONS.

POST INSTALLED STRUCTURAL ANCHORS

1. ALL POST INSTALLED STRUCTURAL ANCHORS SHALL CONFORM TO SPECIFICATION SECTION 050520-"POST INSTALLED STRUCTURAL ANCHORS"
2. NOTED EMBEDMENT DEPTHS ARE FROM FACE OF CMU OR FACE OF CONCRETE
3. ALL INSTALLATION SHALL BE IN STRICT ACCORDANCE WITH THE MANUFACTURER'S DATA AND THE ASSOCIATED ICC REPORT.
4. ALL PERSONNEL INSTALLING ANCHORS SHALL HAVE ATTENDED INSTALLER TRAINING PER THE SPECIFICATIONS
5. FIELD TESTING AND INSPECTION OF POST INSTALLED ANCHOR MATERIALS AND POST INSTALLED ANCHOR INSTALLATION SHALL BE COMPLETED BY AN INDEPENDENT TESTING AGENCY COMMISSIONED BY THE OWNER, AND SHALL BE IN ACCORDANCE WITH THE SCHEDULE OF SPECIAL INSPECTIONS.

STRUCTURAL STEEL FRAMING

1. ALL STRUCTURAL STEEL FRAMING SHALL CONFORM TO SPECIFICATION SECTION 051200-"STRUCTURAL STEEL FRAMING".
2. ALL STRUCTURAL STEEL ERECTION SHALL COMPLY WITH AISC 360-05 AND AISC 303-05.
3. CUTS OR BURNING OF HOLES IN STRUCTURAL STEEL MEMBERS IN THE FIELD WILL NOT BE PERMITTED.
4. THE CONTRACTOR SHALL PROVIDE TEMPORARY BRACING OR GUYS TO PROVIDE LATERAL SUPPORT OF THE STRUCTURAL STEEL UNTIL THE PERMANENT LATERAL FORCE RESISTING SYSTEM IS COMPLETED.
5. THE ERECTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE OWNER'S SPECIAL INSPECTOR FOR PRE-INSTALLATION VERIFICATION OF SLIP CRITICAL BOLT TIGHTENING PROCEDURES.
6. FIELD TESTING AND INSPECTION OF STRUCTURAL STEEL MATERIALS AND STRUCTURAL STEEL T INSTALLATION SHALL BE COMPLETED BY AN INDEPENDENT TESTING AGENCY COMMISSIONED BY THE OWNER, AND SHALL BE IN ACCORDANCE WITH THE SCHEDULE OF SPECIAL INSPECTIONS.

FIELD WELDING

1. ALL FIELD WELDING SHALL CONFORM TO SPECIFICATION SECTION 051200-"STRUCTURAL STEEL FRAMING" FOR WELDING STRUCTURAL STEEL FRAMING
2. ALL FIELD WELDING SHALL CONFORM TO SPECIFICATION SECTION 054000-"COLD FORMED METAL FRAMING", 054100-"ENGINEERED COLD FORMED METAL FRAMING", AND 054400-"ENGINEERED COLD FORMED METAL TRUSSES" FOR WELDING COLD FORMED MEMBERS
3. ALL FIELD WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1, "STRUCTURAL WELDING CODE-STEEL" AND AWS D1.3, "STRUCTURAL WELDING CODE-SHEET STEEL", LATEST EDITIONS
4. ALL FIELD WELDING SHALL BE IN STRICT ACCORDANCE WITH WRITTEN WELD PROCEDURE (WPS) FOR THE GIVEN WELD CONDITION
5. REPAIR ALL DAMAGED GALVANIZING, PRIMER OR PAINT ONCE WELDING IS COMPLETE
6. ELECTRODES SHALL BE STORED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
7. ALL PERSONNEL COMPLETING FIELD WELDS SHALL BE CERTIFIED IN ACCORDANCE WITH AWS TO PERFORM THE GIVEN WELD.
8. FIELD TESTING AND INSPECTION OF FIELD WELDING MATERIALS AND FIELD WELDING SHALL BE COMPLETED BY AN INDEPENDENT TESTING AGENCY COMMISSIONED BY THE OWNER, AND SHALL BE IN ACCORDANCE WITH THE SCHEDULE OF SPECIAL INSPECTIONS.

COLD-FORMED STEEL FRAMING

1. ALL PRESCRIPTIVE BASED COLD-FORMED STEEL FRAMING SHALL CONFORM TO SPECIFICATION SECTION 054000-" COLD-FORMED STEEL FRAMING".
2. THE USE OF THE TERM LIGHT GAUGE SHALL BE EQUIVALENT TO COLD-FORMED
3. WHERE NOT SPECIFICALLY INDICATED ALL FASTENERS SHALL BE MINIMUM OF #10 SELF DRILLING SCREWS.
4. ALL FASTENERS UNDER SHEATHING SHALL HAVE LOW PROFILE HEADS
5. ALL MECHANICAL FASTENERS SHALL HAVE A MINIMUM SPACING AND EDGE DISTANCE OF THREE FASTENER DIAMETERS
6. ALL MECHANICAL FASTENERS SHALL EXTEND THROUGH CONNECTED MEMBERS BY A MINIMUM OF THREE THREADS
7. FRAMER SHALL ENSURE PUNCHOUT ALIGNMENT WHEN USING COLD ROLLED CHANNEL BRIDGING
8. FIELD TESTING AND INSPECTION OF COLD FORMED STEEL FRAMING AND ASSOCIATED INSTALLATION SHALL BE COMPLETED BY AN INDEPENDENT TESTING AGENCY COMMISSIONED BY THE OWNER, AND SHALL BE IN ACCORDANCE WITH THE SCHEDULE OF SPECIAL INSPECTIONS.

STRUCTURAL DESIGN CRITERIA

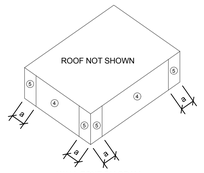
1. FOUNDATION DESIGN VALUES: N/A
2. GRAVITY LOAD DESIGN VALUES: IBC-2012 / ASCE 7-10

   FLOOR LIVE LOADS:
   STAIRS AND EXIT WAYS 100-PSF

   GROUND SNOW LOADS:
   SNOW 10-PSF

   DEAD LOADS:
   ACTUAL MATERIAL WEIGHTS PER ASCE 7-10, SEE ARCHITECTURAL DRAWINGS FOR ROOF, WALL, AND FLOOR CONSTRUCTION

3. SEISMIC DESIGN VALUES: IBC-2012 / ASCE 7-10
   SITE CLASS: D (ASSUMED)
   BUILDING RISK CATEGORY "III"
   IMPORTANCE FACTOR: 1.25
   S1 = 0.106 g
   Ss = 0.268 g
   Sd1 = 0.167 g
   Sds = 0.283 g
   SEISMIC DESIGN CATEGORY: C
   METHOD OF ANALYSIS: N/A
   LATERAL SYSTEM: N/A



WALL ZONE DIAGRAM
(ROOF ZONES NOT APPLICABLE)
a=6.5 ft.

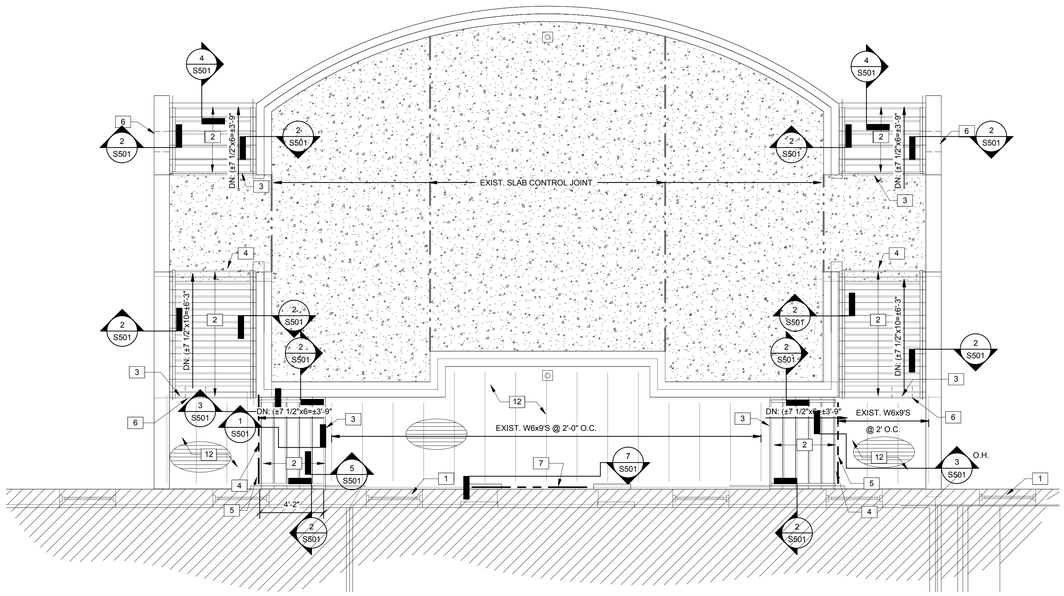
4. WIND LOAD DESIGN VALUES: IBC-2012 / ASCE 7-10
   V = 120 mph (3-sec gust)
   BUILDING RISK CATEGORY: "III"
   EXPOSURE CATEGORY: "C"
   ENCLOSURE CLASSIFICATION: ENCLOSED

   WIND DIRECTIONALITY FACTOR: Kd = 0.85
   TOPOGRAPHIC FACTOR: Kzt = 2.0 (AT 1ST FLR TERRACE),
   Kzt = 1.22 (AT 2ND FLR ABOVE TERRACE)
   VELOCITY EXPOSURE COEFFICIENT: Kz = 1.103
   VELOCITY PRESSURE: q = ###.# psf

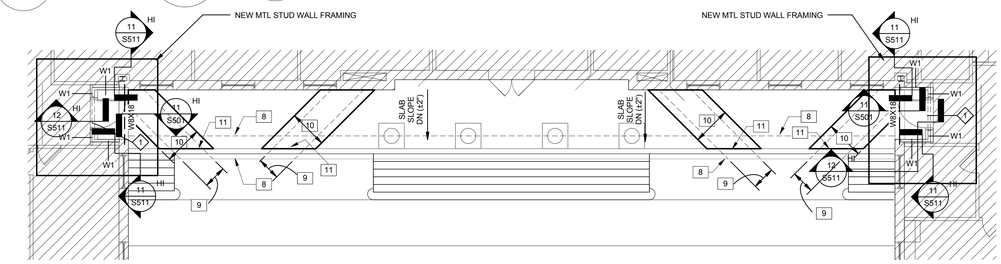
   INTERNAL PRESSURE COEFFICIENT: GCpi = +/- 0.18

   ALLOWABLE INTERSTORY DRIFT: N/A
   COMPONENTS AND CLADDING PRESSURES: SEE TABLE BELOW

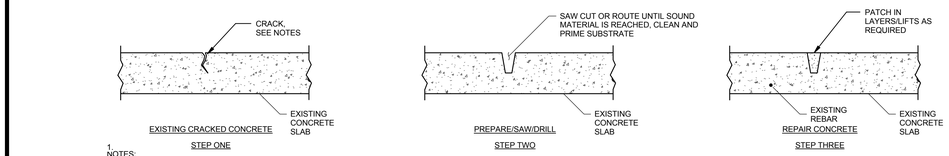
Area (sf)	Zone	Wind Press (psf) Max.	Min
10	4	38.66	-41.94
20	4	36.87	-40.15
50	4	34.63	-37.91
100	4	32.84	-36.12
10	5	38.66	-51.79
20	5	36.87	-48.36
50	5	34.63	-43.73
100	5	32.84	-40.15



1 TERRACE REPAIR AND REAR WALL FRAMING PLAN
1/4" = 1'-0"

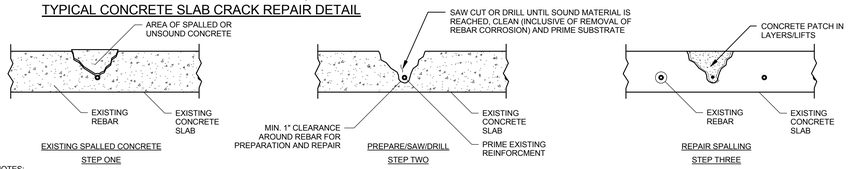


2 WALL FRAMING AT FRONT PLAZA DECK
1/8" = 1'-0"



NOTES:
PROVIDE SIKADUR 35 HI-MOD LV FOR CRACK REPAIR UP TO 1/4 " WIDE.

TYPICAL CONCRETE SLAB CRACK REPAIR DETAIL



NOTES:
1. REBAR SHALL BE CONSIDERED SIGNIFICANTLY DAMAGED IF CORROSION/LOSS OF MATERIAL IS EQUAL TO OR GREATER THAN 1/16 IN. IN DEPTH. SEE TYP. DETAIL OF REPLACEMENT AND SPLICE OF DAMAGED REBAR FOR REPAIR WHEN REBAR IS SIGNIFICANTLY DAMAGED.
2. PRIMER (FOR SUBSTRATE, INCLUSIVE OF REBAR) SHALL CONSIST OF SIKADUR 32 HI-MOD BONDING AGENT
3. PROVIDE SIKA REPAIR 222 (MORTAR) FOR REPAIR OF ALL HORIZONTAL SPALLING CONCRETE SURFACES BELOW.

REPAIR AT REBAR W/ SURFACE (INSIGNIFICANT) CORROSION OF REBAR

3 CONCRETE SLAB REPAIR DETAIL
1" = 1'-0"

EPOXIES FOR CRACK REPAIRS:

EPOXIES AND SEALANTS SHALL BE SIKA PRODUCTS.

THE SIKA REPRESENTATIVE SHALL VERIFY THE PROPER PRODUCT IS BEING USED FOR THE PROPER REPAIR:
1. SEALANT FOR BRICK WORK SHALL BE SIKAFLEX 15LM.
2. INJECTION RESIN FOR CMU & BRICK SHALL BE SIKADUR 35 HI MOD LV.
3. INJECTION RESIN FOR CONCRETE SHALL BE SIKADUR 35 HI MOD LV.
4. SPALL REPAIRS HORIZONTAL SHALL BE SIKA REPAIR 222 FOR HORIZONTAL SURFACES, AND SIKA REPAIR 223 FOR OVERHEAD AND VERTICAL SURFACES.

PLAZA DECK AND TERRACE REPAIR GENERAL NOTES

- TYPICAL EXIST. SLAB CONSTRUCTION IS 4" SLAB ON GRADE, U.N.O. (SEE LEGEND BELOW FOR EXCEPTION)
- INDICATES SPAN DIRECTION OF EXISTING SLAB ON DECK, WHICH CONSISTS OF 3" LIGHTWEIGHT SLAB W/ ONE LAYER OF WWR ON 9/16" DEEP NON-COMPOSITE FLOOR DECK (TOTAL DEPTH = 3").

WALL FRAMING PLAN GENERAL NOTES

W#— • INDICATES LIGHT GAUGE METAL STUD WALL OF WALL TYPE "W#" - SEE SCHEDULE ON 1/S511 AND TYPICAL DETAILS ON S511 FOR FRAMING REQUIREMENTS

• INDICATES LIGHT GAUGE METAL STUD WALL OPENING OF TYPE "#" - SEE SCHEDULE ON 1/S511 AND TYPICAL DETAILS ON S511 FOR FRAMING REQUIREMENTS

KEYED NOTES (THIS SHEET ONLY)

1 FACE OF EXISTING BUILDING; BRICK VENEER FACE
2 PROVIDE 1/8" THK H.D.G. STEEL PLATE OVERLAY ON STAIRS PER TYPICAL DETAILS (1 & 2/S501); ALL FIELD WELDS SHALL BE REPAIRED W/ COLD GALVANIZING REPAIR PAINT
3 TERMINATE OVERLAY PLATE ON STAIRS INTO SLAB AS SHOWN ON TYPICAL DETAIL 5/S501
4 TERMINATE OVERLAY PLATE ON STAIRS INTO SLAB AS SHOWN ON TYPICAL DETAIL 6/S501
5 REMOVE EXIST. W6x9 @ BASE OF STAIRS & REPLACE W/ HDG HSS8x4x1/4, W/ 1/4" CAP PLATE EA. END; PROVIDE NEW 1/2" x 10"x6" BRG. PLATE W/ (2) 5/8" DIA. x 5" EMBED. EPOXY BOLTS @ EA. END FOR ATTACHMENT TO EXISTING CMU WALL; ATTACH TO BRG. PLATE W/ MIN. EFF. 5/16" x 3" FLARE BEVEL WELD. ALL COMPONENTS TO BE HDG. BRG. CONDITION SHALL BE VERIFIED PRIOR TO FABRICATION

KEYED NOTES (THIS SHEET ONLY)

6 PRIOR TO PROVISION OF PLATE OVERLAY AT ADJACENT STAIRS, GC CREATE OPENING IN EXISTING CMU (PLUS BRICK) WALL TO ALLOW VISUAL ACCESS TO UNDERSIDE OF EXISTING STAIR. NOTIFY EOR ONCE OPENING IS ADDED, SO THAT EOR CAN EVALUATE WHETHER SPECIFIED OVERLAY MAY BE DELETED FROM SCOPE AND WHETHER ADDITIONAL REPAIRS ARE REQUIRED. ONCE EOR REVIEW IS COMPLETE AND DIRECTION PROVIDED, GC SHALL REPAIR OPENING WITH SIMILAR CMU AND/OR DRY-PACKED GROUT, AND BRICK VENEER TO MATCH EXISTING (SEE ARCH.)
7 REMOVE & REPLACE 4'-0" WIDE PIECE OF EXISTING C8x11.5 SUPPORTING EXISTING W8'S; CENTER SEGMENT TO BE REMOVED AT CORRODED SEGMENT; MAKE CUTS OF C8 ADJACENT TO AND BEYOND EXISTING ANCHORAGE POINTS; PROVIDE 3/4" x 6" EMBED. EPOXY BOLTS @ 24" O.C. (MIN=3) TO FACE OF WALL; PROVIDE NEW 3/8" TAB PLATES, TO BE WELDED TO C8 & TO WEBS OF W6('S) W/ 1/4" FILLET WELD
8 EDGE OF EXIST. +/-1'-0" THK. x +/-3'-0" WIDE FTG BELOW CONCR. WALL; T/FTG EL = APPROX. 5'-0" BELOW SLAB; NOTE THAT EXCAVATION FOR PIPE IS TO EXTEND BELOW FTG. SEE TYP DTL 10/S501 FOR REQUIREMENTS WHERE PIPE EXTENDS UNDER EXIST. FTG.
9 SEE CIVIL DRAWINGS FOR PIPING; MAX WIDTH OF EXCAVATION FOR INSTALLATION OF PIPE BELOW GRADE = +/-3'-0"
10 SEE CIVIL DRAWINGS FOR PIPING; CUT SLAB +/- 5'-0" WIDE AND EXCAVATE AS NOTED ON THIS DRAWING, W/ EDGE OF EXCAVATION 1'-0" MIN. FROM EA. EDGE OF SLAB CUT; AFTER BACK-FILLING PER SLAB TRENCHING DETAIL, PROVIDE NEW SLAB W/ THK & SLOPE TO MATCH EXIST. (5'-0" THK) W/ ONE LAYER OF 6x6--W2.1xW2.1 WWR; SEE TYP. DTL FOR ATTACHMENT TO ADJACENT EXIST. SLAB; PROVIDE CONCR. PROPERTIES AS FOLLOWS: N.W. CONCR. W/ f'c=3 KSI; AIR CONTENT = 5% +/- 1.5%; PROVIDE STEEL TROWEL FINISH; SEE 10/S501 FOR REQUIREMENTS OF BACK-FILL AND PIPE ELEVATION UNDER EXIST. FTG.
11 AT INTERSECTION OF NEW SLAB W/ EXIST. WALL AT EDGE OF PLAZA DECK, PROVIDE 1/2" THK. EXPANSION JOINT FILLER MATERIAL BTW. SLAB & WALL
12 CONTRACTOR SHALL SOUND THE SLAB WITHIN EXTENTS OF THIS LANDING AND CHIP OUT HOLLOW OR LOOSE CONCRETE, THEN PROVIDE PATCHING PER EOR DIRECTION. IF REQUIRED PATCHING IS LESS THAN 6" IN WIDTH AND LENGTH, OR IF ONLY CRACKS (LESS THAN 3/16" IN WIDTH) ARE TO BE REPAIRED, THEN REFER TO CONCRETE REPAIR DETAIL 3/S001

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ADC PROJECT NO.: 13052

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project name/number

UPSTATE ADMINISTRATION BUILDING REPAIRS AND RENOVATIONS
H34-9541-JM

project number

11049.03

seals/signature

SOUTH CAROLINA
BUILT ENVIRONMENT
CERTIFICATE OF AUTHORIZATION
ADC ENGINEERING INC.
NO. 00253

SOUTH CAROLINA
REGISTERED
No 28200
PROFESSIONAL ENGINEER
RICHARD G HAMLET

issued for

CONSTRUCTION DOCUMENTS

date

MAY 28, 2015

number	item	date
1	ADDENDUM 001	06/15/15

key plan

JOHN C. STOCKWELL ADMINISTRATION BUILDING

sheet title

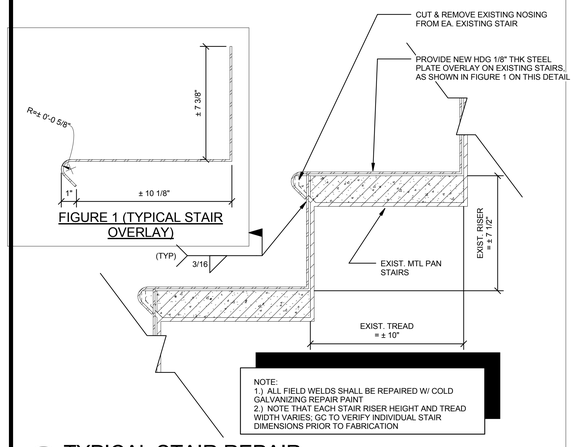
GENERAL NOTES AND FRAMING PLANS

sheet number

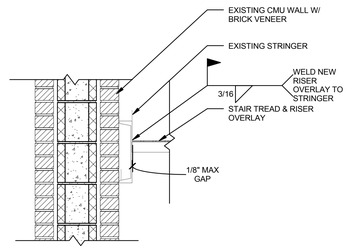
S001

drawn by

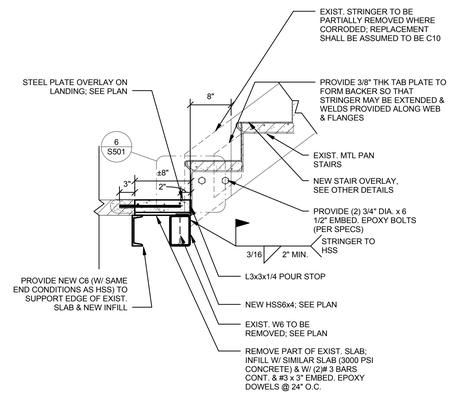
checked by



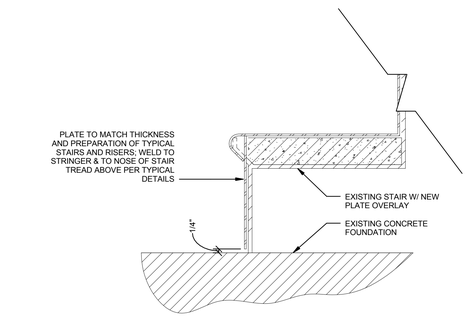
1 TYPICAL STAIR REPAIR
3" = 1'-0"



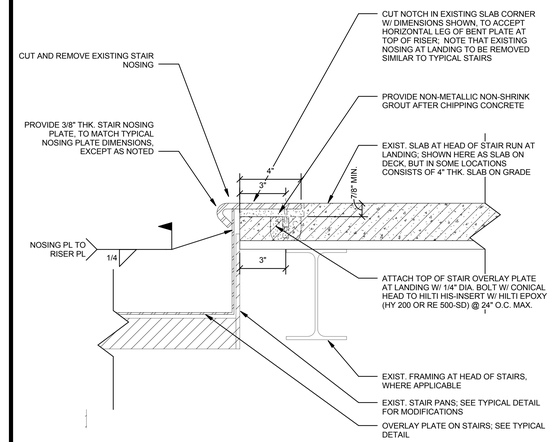
2 TYPICAL STAIR OVERLAY CONNECTION TO EXIST. STRINGERS
1" = 1'-0"



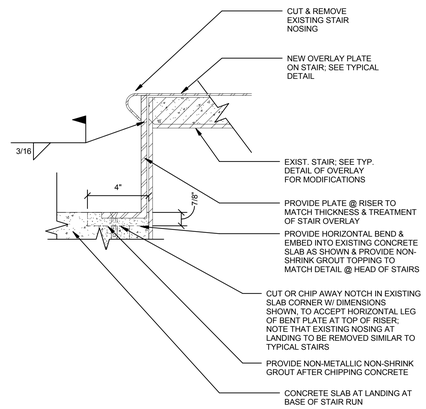
3 SECTION AT REPLACEMENT OF EXISTING W6 @ BASE OF STAIRS
1" = 1'-0"



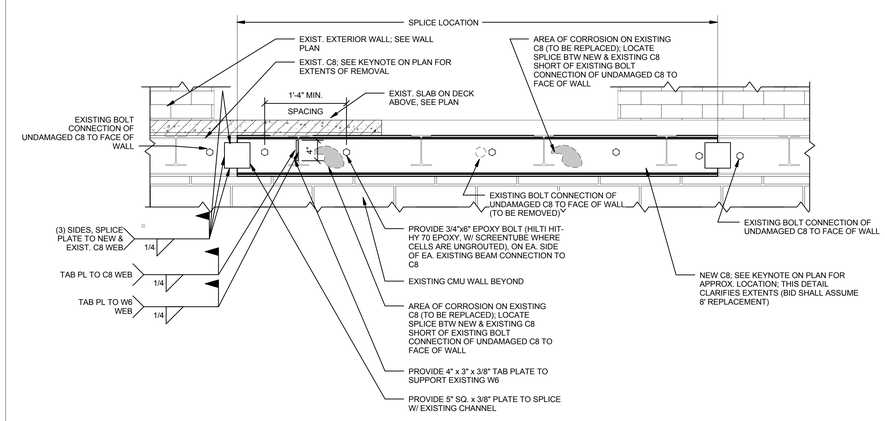
4 SECTION @ BASE OF STAIRS
3" = 1'-0"



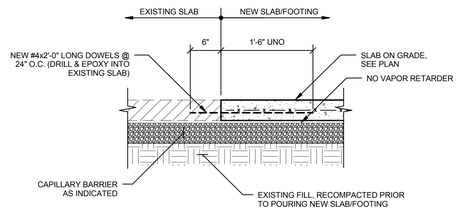
5 TYPICAL OVERLAY PLATE TERMINATION HEAD OF STAIR @ LANDING
3" = 1'-0"



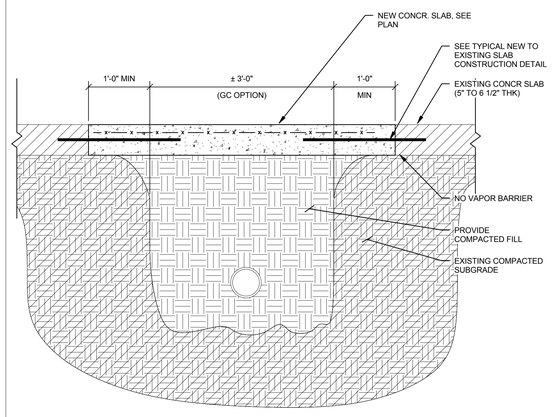
6 TYPICAL OVERLAY PLATE TERMINATION BASE OF STAIR @ LANDING
3" = 1'-0"



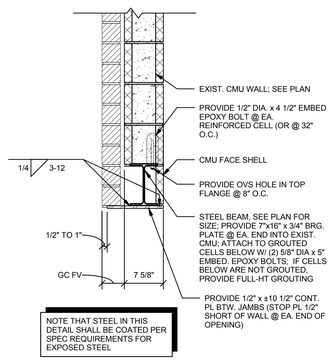
7 ELEVATION OF C8 REPLACEMENT & SPLICE AT HIGH LANDING
1" = 1'-0"



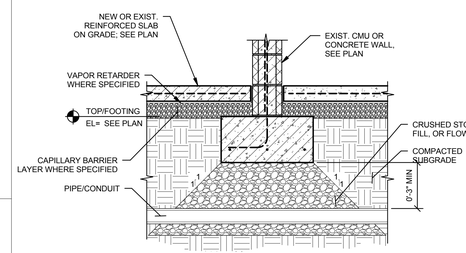
8 TYP. NEW-TO-EXISTING SLAB CONSTRUCTION
1" = 1'-0"



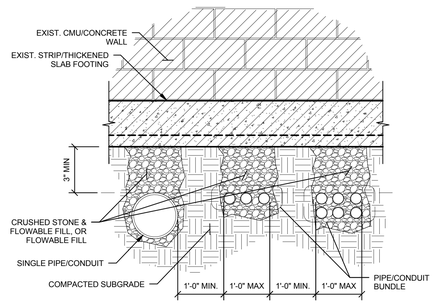
9 TYPICAL SLAB TRENCHING DETAIL
1" = 1'-0"



11 SECTION AT NEW STEEL LINTEL
1" = 1'-0"



SECTION @ STRIP FOOTING



ELEVATION

NOTES:
1. TOP OF FOOTING VARIES, COORDINATE WITH PLANS
2. DETAIL IS TYPICAL WHERE PIPE OR CONDUIT IS LESS THAN 2'-0" BELOW BOTTOM OF FOOTING
3. PIPING OR CONDUIT SHALL NOT BE PERMITTED BELOW SPREAD FOOTINGS

10 TYP. PIPE/CONDUIT BELOW STRIP/THICKENED SLAB FOOTING (OLD)
3/4" = 1'-0"

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1	ADDENDUM 001	06/15/15

key plan

JOHN C. STOCKWELL ADMINISTRATION BUILDING

sheet title

PLAZA DECK & TERRACE DETAILS

sheet number

S501

drawn by

checked by