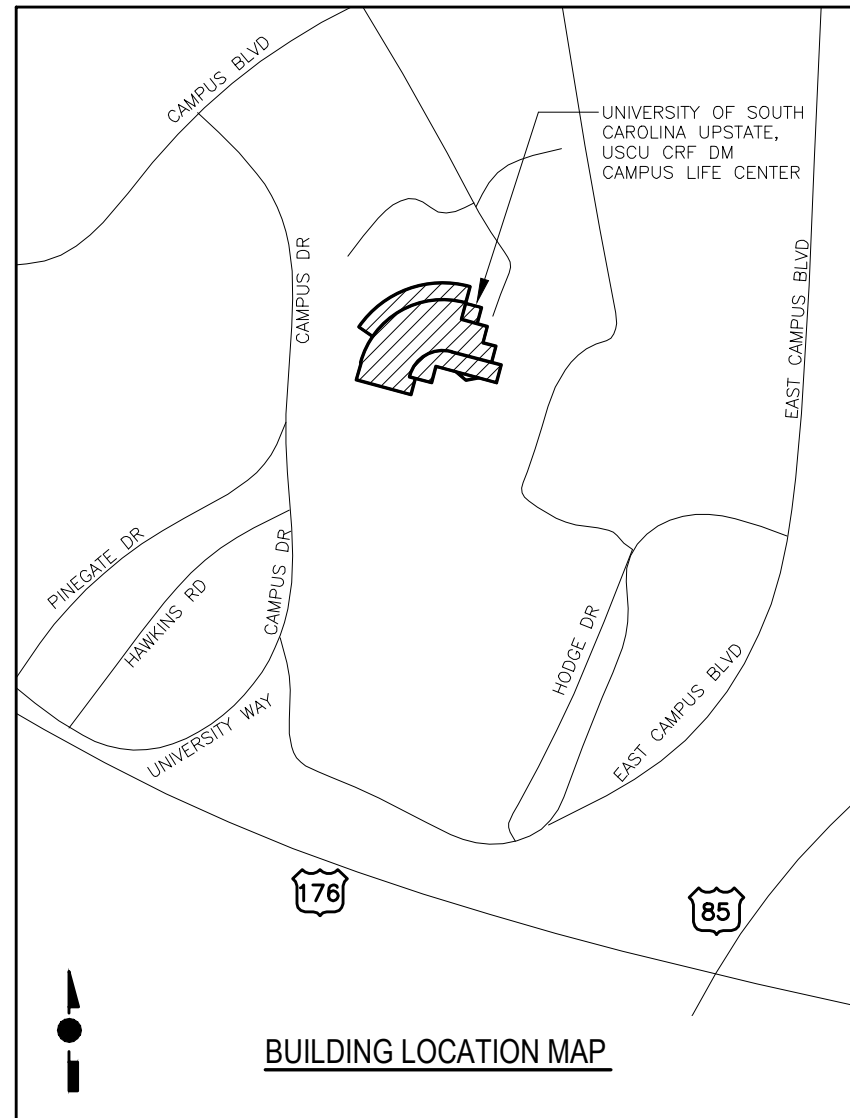
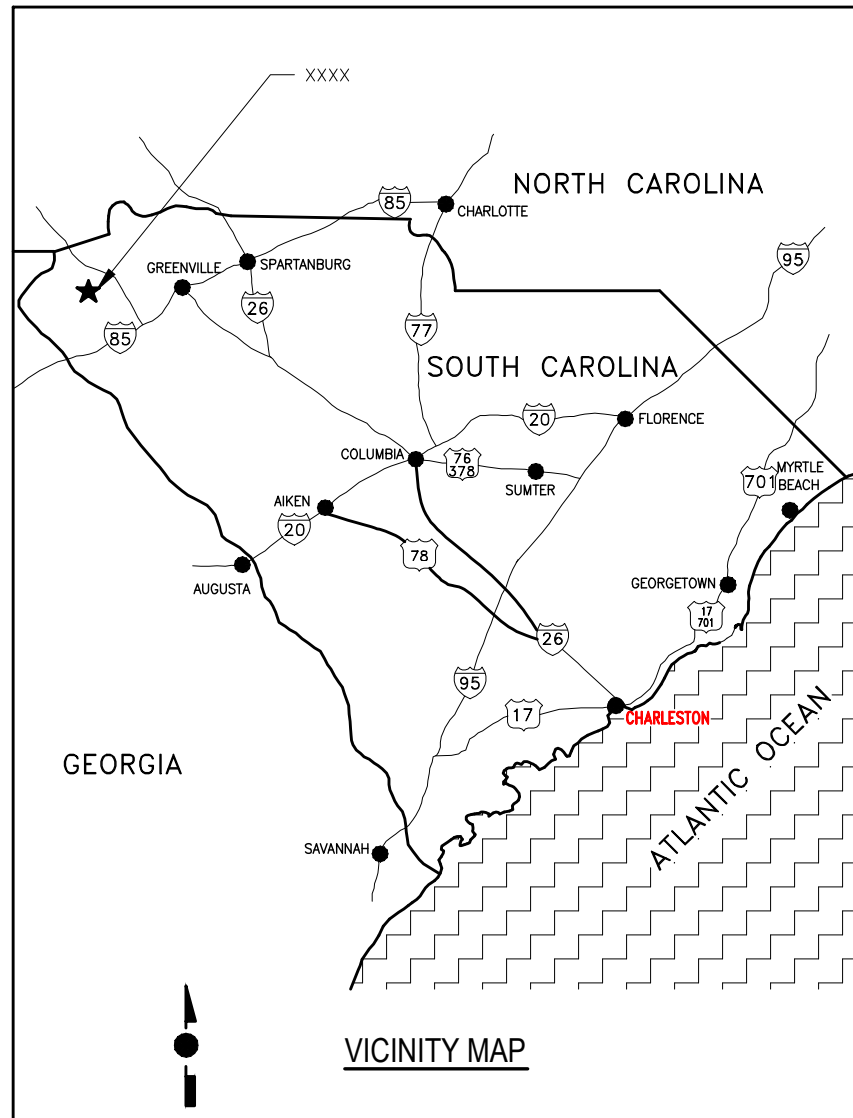


CRF DM CAMPUS LIFE CENTER SELECTIVE BUILDING ENVELOPE REPAIR

UNIVERSITY OF SOUTH CAROLINA - UPSTATE

FACILITIES MANAGEMENT, 800 UNIVERSITY WAY
SPARTANBURG, SOUTH CAROLINA 29303

OWNER PROJECT NO: H34-9542/CP00336293
ADC PROJECT NO: 11337

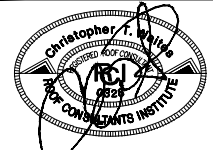
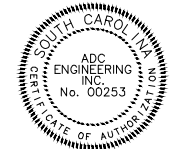


LEGEND		ABBREVIATIONS	
	TEST CUT LOCATIONS	A	ABANDONED
	CONTROL JOINT LOCATIONS	ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
	APPROX. LOCATION OF THRU-WALL FLASHING	BIA	BRICK INDUSTRY ASSOCIATION
	PRECAST CONCRETE	DS	DOWNSPOUT
	BRICK VENEER	EPDM	SINGLE PLY
	SHEET METAL COPING	ETC	ET CETERA
	STUCCO	HVAC	HEAT/VENTILATION/AIR CONDITION
	WINDOW	LB	POUND
	DOUBLE DOOR	MAX	MAXIMUM
	OVERFLOW SCUPPER	MIN	MINIMUM
		N.I.C.	NOT IN CONTRACT
		NRCA	NATIONAL ROOFING CONTRACTORS ASSOCIATION
		O.C.	ON CENTER
		OSHA	OCCUPATIONAL SAFETY AND HEALTH ASSOCIATION
		PVC	POLYVINYLCHLORIDE
		RD	ROOF DRAIN
		SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS ASSOCIATION, INC.
		SWRI	SEALANT WATERPROOFING RESTORATION INSTITUTE
		TYP	TYPICAL
		VTR	VENT THRU ROOF
		W/	WITH
DETAILS/SECTION IDENTIFIER			
	DETAIL/SECTION LABEL		
	SHEET SHOWN ON		
DRAWING INDEX			
R101	COVER SHEET		
R102	GENERAL NOTES		
R103	EXISTING EXTERIOR PLAN		
R104	NEW EXTERIOR PLAN		
R201	DETAILS / SECTIONS		

CRF DM CAMPUS LIFE CENTER SELECTIVE BUILDING ENVELOPE REPAIRS

OWNER PROJECT NUMBER: H34-9542/CP00336293
ADC PROJECT NUMBER: 11337

UNIVERSITY OF SOUTH CAROLINA - UPSTATE
FACILITIES MANAGEMENT, 800 UNIVERSITY WAY
SPARTANBURG, SOUTH CAROLINA 29303



ENGINEERING SPECIALISTS
SITE SERVICES \ BUILDING ENVELOPE \ STRUCTURAL
1226 YEAMANS HALL ROAD
HANAHAN, SC 29410
843-566-0161
fax 843-566-0162
ADCENGINEERING.COM

DATE: 4-18-2012
ADC PROJECT #: 11337
DESIGNED: CTW
CHECKED: CTW
DRAWN: DAN
REVISION:

COVER SHEET

R101

SHEET 1 OF 5

SUMMARY OF WORK

- A. THE BUILDING WILL REMAIN COMPLETELY FUNCTIONAL DURING THE CONSTRUCTION WORK AND SHALL BE FULLY PROTECTED AT ALL TIMES.
- B. BASE BID WORK INCLUDES SELECTIVE REMOVAL OF EXISTING BRICK VENEER AS REQUIRED TO REPLACE THE THRU-WALL FLASHING SYSTEM ABOVE THE STORE FRONT WINDOW UNITS.
 - 1. SELECTIVE DEMOLITION OF THE EXISTING BRICK VENEER IN ACCORDANCE WITH SECTION 02 04 00, CUTTING AND PATCHING AND SECTION 02 05 00, DEMOLITION AND REMOVAL.
 - 2. BRICK MASONRY RESTORATION AND REPAIRS IN ACCORDANCE WITH SECTION 04 50 01, MASONRY, REPLACEMENT, RESTORATION AND CLEANING.
 - 3. CLEANING AND PAINTING IN ACCORDANCE WITH SECTION 05 13 00, STRUCTURAL STEEL CLEANING AND PAINTING.
 - 4. SHEET METAL, COMPONENTS AND ACCESSORIES PER SECTION 07 60 00, SHEET METAL.
 - 5. REPLACEMENT OF SEALANT SYSTEMS FROM THE ROOFING AND SHEET METAL IN ACCORDANCE WITH SECTION 07 92 10, SEALANTS FOR BUILDING ENVELOPE.
- C. UNIT PRICES AND ALLOWANCES ARE INCLUDED IN ACCORDANCE WITH SECTION 01 21 10, UNIT PRICES AND ALLOWANCES.

UNIT PRICE QUANTITIES

- 1. IN ACCORDANCE WITH SECTION 01 11 00, SUMMARY OF WORK, THE CONTRACT DOCUMENTS INCLUDE WITHIN THE BASE BID SPECIFIC QUANTITIES.
- 2. THE SPECIFIC QUANTITIES ARE LISTED WITHIN THE INDIVIDUAL SPECIFICATION SECTIONS OF THIS PROJECT AND ARE INCLUDED ON THE BID FORM AS NOTED.

A SINGLE UNIT PRICE WILL BE PROVIDED FOR EACH ITEM, TO BE USED AS AN 'ADD' OR 'DEDUCT', BASED ON ACTUAL FIELD CONDITIONS. ANY QUANTITY ABOVE OR BELOW THESE SPECIFIED AMOUNTS WILL RESULT IN AN 'ADD' OR 'DEDUCT' TO THE CONTRACT SUM BASED ON THE REQUIRED UNIT PRICES.
- 3. IN ACCORDANCE WITH SECTION 01 21 10 UNIT PRICES AND ALLOWANCES, THE FOLLOWING DOCUMENTATION IS REQUIRED.
 - A. THE CONTRACTOR SHALL MAINTAIN A LOG OF ALL REPAIR UNIT PRICED QUANTITIES USED BASED ON CONTRACT REQUIREMENTS.
 - B. CONTRACTOR SHALL NOTIFY OWNER IN WRITING WHEN 80% OF QUANTITY IS USED FOR EACH UNIT PRICE ITEM.
 - C. OWNER IS NOT RESPONSIBLE FOR QUANTITIES WHICH EXCEED 80% UNLESS OWNER IS NOTIFIED IN WRITING PRIOR TO EXCEEDING THESE QUANTITIES, AND CONTRACTOR RECEIVES APPROVAL TO PROCEED.
 - D. PROVIDE PHOTOGRAPH OR VIDEOTAPE DOCUMENTATION OF REPAIRS AND ACTUAL QUANTITIES USED.
 - E. LOCATE QUANTITIES AND SHOW THEIR LOCATIONS ON DRAWINGS.
 - F. PROVIDE ACTUAL USED QUANTITIES ON EACH APPLICATION FOR PAYMENT REQUEST.
- 4. PROVIDE SUMMARY OF UNIT QUANTITIES 'REQUIRED' VERSE 'USED' AND ABOVE DOCUMENTATION WHEN REQUESTED, AND AS PART OF PROJECT CLOSE-OUT REQUIREMENTS OF SECTION 01 77 00, CONTRACT CLOSE-OUT.

CONSTRUCTION NOTES

- 1. SUBSTRATE SHALL BE INSPECTED AND REPAIRED AS SPECIFIED PRIOR TO SYSTEM INSTALLATION.
- 2. ALL FLASHING TERMINATIONS SHALL HAVE CONFORMING WATERTIGHT SHEET METAL CLOSURES, AND WATERPROOF UNDERLAYMENT ALL SHEETMETAL BELOW W/ SEALED LAPS.
- 3. SPECIFIC AND TYPICAL DETAILS ARE PROVIDED W/ GENERIC TYPE DECK SHOWN. TYPICAL DETAILS APPLY TO ALL INSTANCES WHERE SIMILAR CONDITION OCCURS.
- 4. ALL WORK SHALL BE CONDUCTED IN A SUBSTANTIAL WORKMANLIKE MANNER IN ACCORDANCE WITH SPECIFIED REQUIREMENTS.

DEMOLITION NOTES

- 1. SEE SECTION 01 50 00, CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS, SECTION 02 04 00, CUTTING AND PATCHING, AND SECTION 02 05 00, DEMOLITION AND REMOVAL.
- 2. REMOVE EXISTING SYSTEMS IN THEIR ENTIRETY IN INDICATED AREAS OF REPLACEMENT. AVOID DAMAGING THE SURROUNDING AREAS. NO MORE MASONRY SHALL BE REMOVED THAN CAN BE REPLACED BY THE COMPLETE SYSTEM THE SAME DAY.
- 3. BUILDING ENVELOPE DEMOLITION IS REQUIRED TO THE VARIOUS COMPONENTS AND SYSTEMS TO COMPLETE THE REQUIRED REPAIRS, MODIFICATIONS AND REPLACEMENTS OF THIS PROJECT.
- 4. REMOVE ALL TRIM, FLASHINGS AND ACCESSORIES AS NOTED, SPECIFIED OR REQUIRED TO COMPLETE THE WORK, ALL NEW SHEET METAL REQUIRED.
- 5. ALL DEMOLITION SHALL ADHERE TO ANSI AND OSHA GUIDELINES, AND SECTION 01 52 50.

PROTECTION NOTES

- 1. FACILITIES MAY BE OCCUPIED DURING CONSTRUCTION. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE FACILITY, CONTENTS, AND OCCUPANTS.
- 2. THE BUILDING SHALL BE WATERTIGHT AT THE END OF EACH DAY'S WORK AND WHEN INCLEMENT WEATHER THREATENS.
- 3. CONTRACTOR SHALL PROTECT THE BUILDING EXTERIOR AND GROUNDS INCLUDING SURFACES, GRASS, PLANTS, TREES, SHRUBS, AND OTHER LANDSCAPING. THE CONTRACTOR SHALL RETURN THE SITE AND ANY DAMAGED ITEMS TO ORIGINAL OR BETTER CONDITION.
- 4. ANY SURFACES STAINED, MARRED, OR DAMAGED BY THE WORK OR THE CONTRACTOR, THE CONTRACTOR SHALL RETURN THE SITE AND ANY DAMAGED ITEMS OF THE SITE OR FACILITY TO ORIGINAL OR BETTER CONDITION AND MATCH ADJACENT SURFACES.
- 5. WORK SHALL BE SEQUENCED TO MINIMIZE TRAFFIC ON THE NEW WORK.

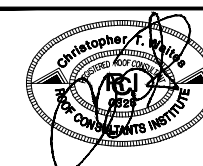
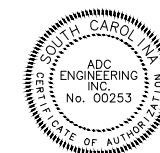
GENERAL NOTES

- 1. PRIOR TO PERFORMING WORK, CONTRACTOR SHALL INSPECT SURFACES AND SUBSTRATE CONDITIONS. PROVIDE FOR THE SAFETY AND PROTECTION OF WORKERS AND OCCUPANTS THROUGHOUT THE COURSE OF WORK.
- 2. ALL BUILDING DIMENSIONS, EXISTING CONDITIONS, ITEM LOCATIONS, AND SIZE AND QUANTITY OF PENETRATIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BID.
- 3. LAYDOWN / STORAGE AREA IS LIMITED AND SHALL BE AS APPROVED BY THE OWNER.
- 4. SITE SHALL BE CLEANED ON A DAILY BASIS AND SECURED AT THE END OF EACH WORK DAY.
- 5. BUILDING ACCESS SHALL BE COORDINATED WITH THE OWNER AND SHALL BE ONLY AS REQUIRED TO ACCOMPLISH CONTRACT WORK.

CRF DM CAMPUS LIFE CENTER SELECTIVE
BUILDING ENVELOPE REPAIRS

OWNER PROJECT NUMBER: H34-9642/CP00336293
ADC PROJECT NUMBER: 11337

UNIVERSITY OF SOUTH CAROLINA - UPSTATE
FACILITIES MANAGEMENT, 800 UNIVERSITY WAY
SPARTANBURG, SOUTH CAROLINA 29303



ENGINEERING SPECIALISTS

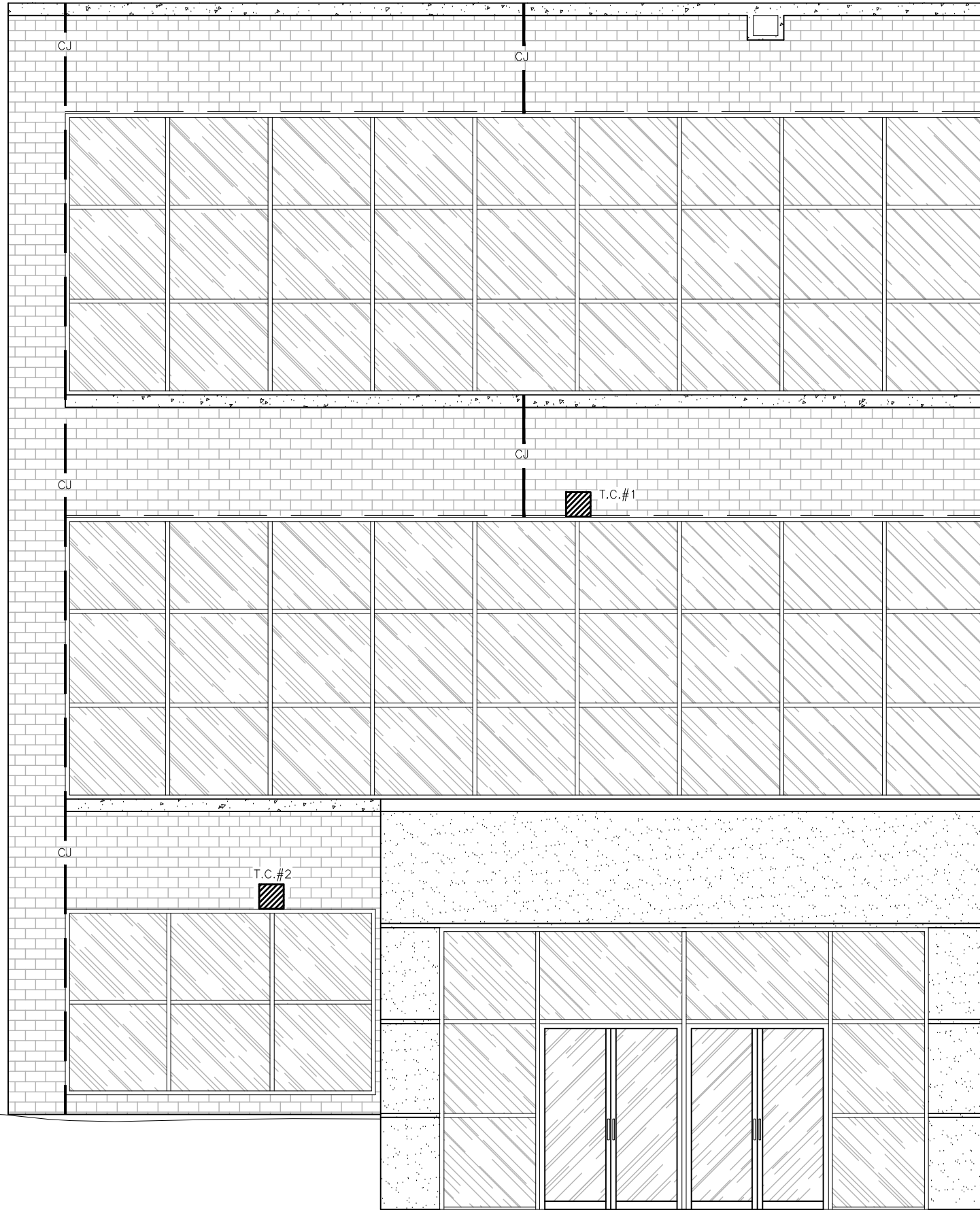
SITE SERVICES \ BUILDING ENVELOPE \ STRUCTURAL
1226 YEAMANS HALL ROAD
HANAHAN, SC 29410
843-566-0161
fax 843-566-0162
ADCENGINEERING.COM

DATE: 4-18-2012
ADC PROJECT #: 11337
DESIGNED: CTW
CHECKED: CTW
DRAWN: DAN
REVISION:

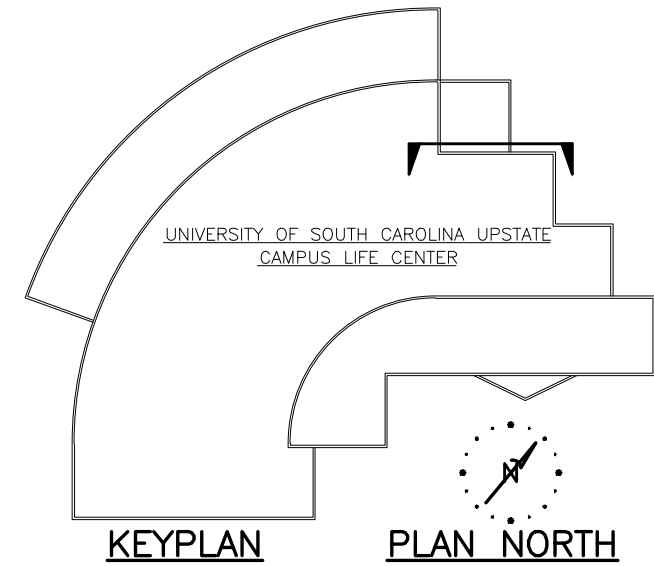
GENERAL NOTES

R102

THESE PROJECT DRAWINGS ARE THE PROPERTY OF ADC ENGINEERING, INC. DRAWINGS ARE PROVIDED FOR PROJECT RECORD FILING ONLY. ANY OTHER USE, REPRODUCTION OR COPYING IN WHOLE OR IN PART IS NOT AUTHORIZED. ALL RIGHTS RESERVED.

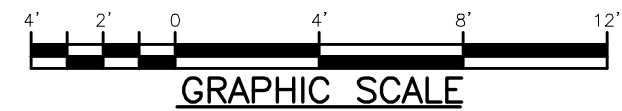


**EXISTING EXTERIOR PLAN
NORTH-EAST WING (PARTIAL)**



KEYPLAN

PLAN NORTH

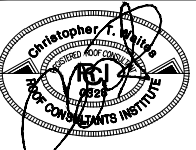
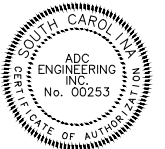


GRAPHIC SCALE

**CRF DM CAMPUS LIFE CENTER SELECTIVE
BUILDING ENVELOPE REPAIRS**

OWNER PROJECT NUMBER: H34-9542/CP00336293
ADC PROJECT NUMBER: 11337

UNIVERSITY OF SOUTH CAROLINA - UPSTATE
FACILITIES MANAGEMENT, 800 UNIVERSITY WAY
SPARTANBURG, SOUTH CAROLINA 29303



SITE SERVICES \ BUILDING ENVELOPE \ STRUCTURAL
1226 YEAMANS HALL ROAD
HANAHAN, SC 29410
843-566-0161
fax 843-566-0162
ADCENGINEERING.COM

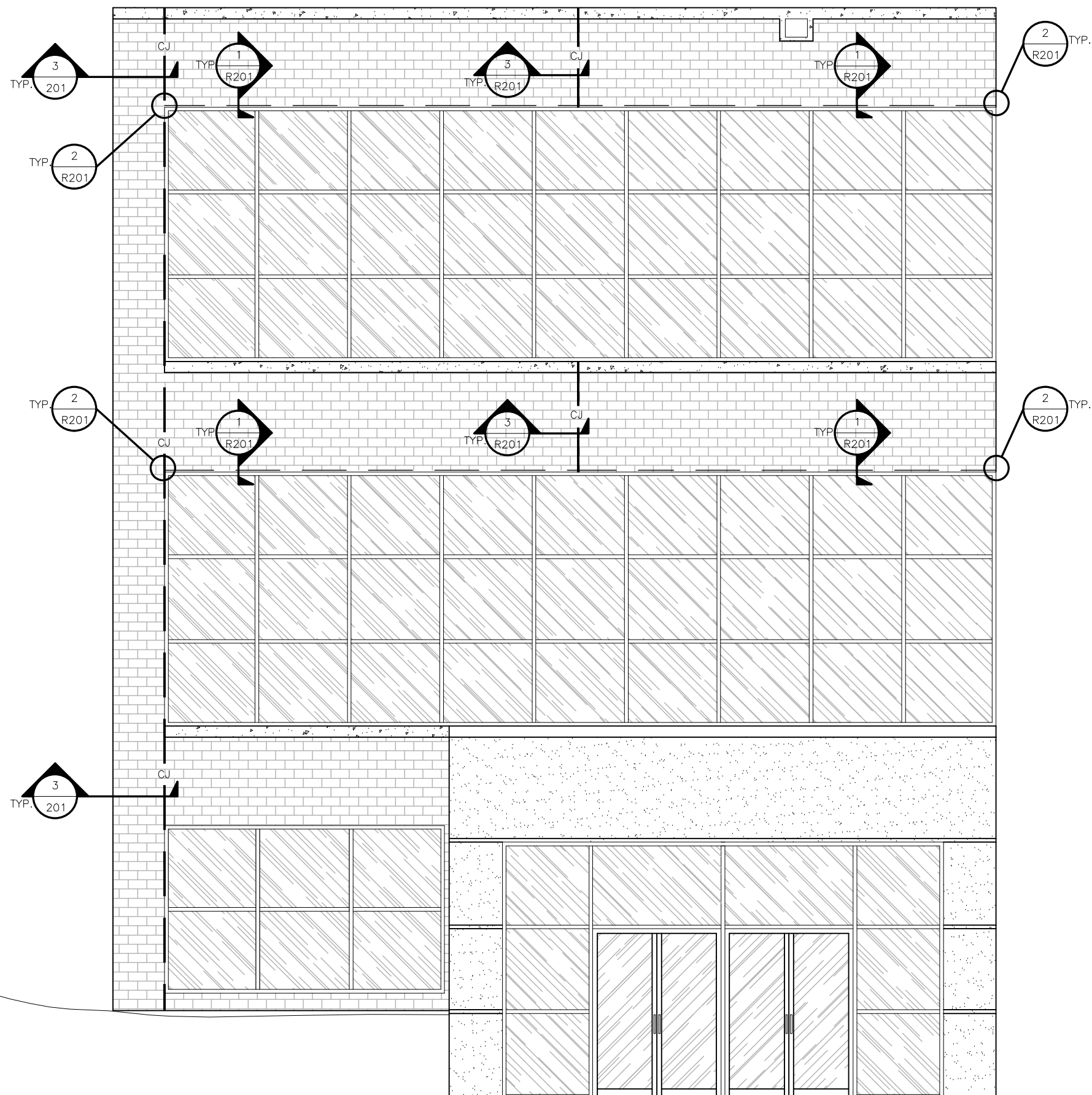
DATE: 4-18-2012
ADC PROJECT #: 11337
DESIGNED: CTW
CHECKED: CTW
DRAWN: DAN
REVISION:

**EXISTING
EXTERIOR PLAN
NORTH-EAST WING
(PARTIAL)**

R103

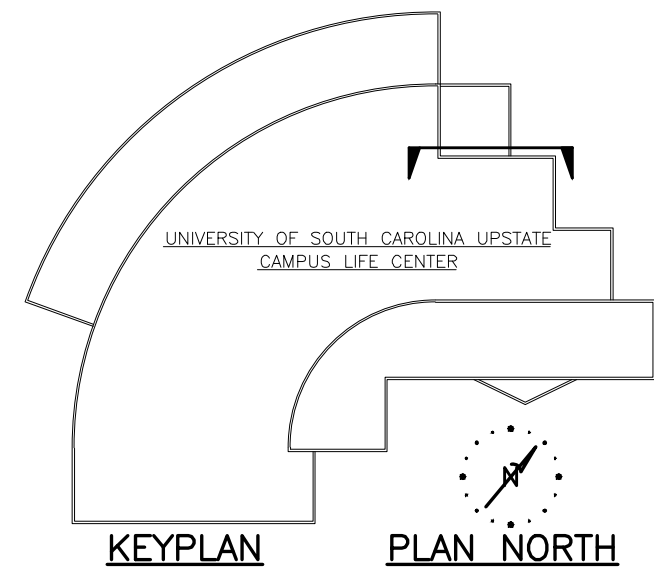
SHEET 3 OF 5

THESE PROJECT DRAWINGS ARE THE PROPERTY OF ADC ENGINEERING, INC. DRAWINGS ARE PROVIDED FOR PROJECT RECORD FILING ONLY. ANY OTHER USE, REPRODUCTION OR COPYING IN WHOLE OR IN PART IS NOT AUTHORIZED. ALL RIGHTS RESERVED.

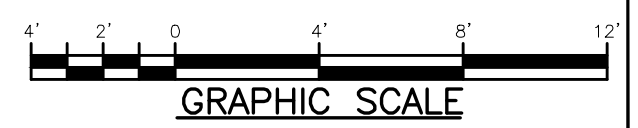


**NEW EXTERIOR PLAN
NORTH-EAST WING (PARTIAL)**

NOTE: REMOVE ALL ATTEMPTED REPAIRS/ SEALANTS FROM SILL FLASHING & SILL STONES



KEYPLAN **PLAN NORTH**

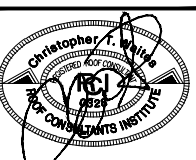
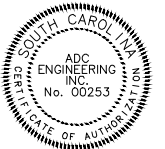


GRAPHIC SCALE

**CRF DM CAMPUS LIFE CENTER SELECTIVE
BUILDING ENVELOPE REPAIRS**

OWNER PROJECT NUMBER: H34-9542/CP00336293
ADC PROJECT NUMBER: 11337

UNIVERSITY OF SOUTH CAROLINA - UPSTATE
FACILITIES MANAGEMENT, 800 UNIVERSITY WAY
SPARTANBURG, SOUTH CAROLINA 29303



ADC
ENGINEERING SPECIALISTS
SITE SERVICES \ BUILDING ENVELOPE \ STRUCTURAL
1226 YEAMANS HALL ROAD
HANAHAN, SC 29410
843-566-0161
fax 843-566-0162
ADCENGINEERING.COM

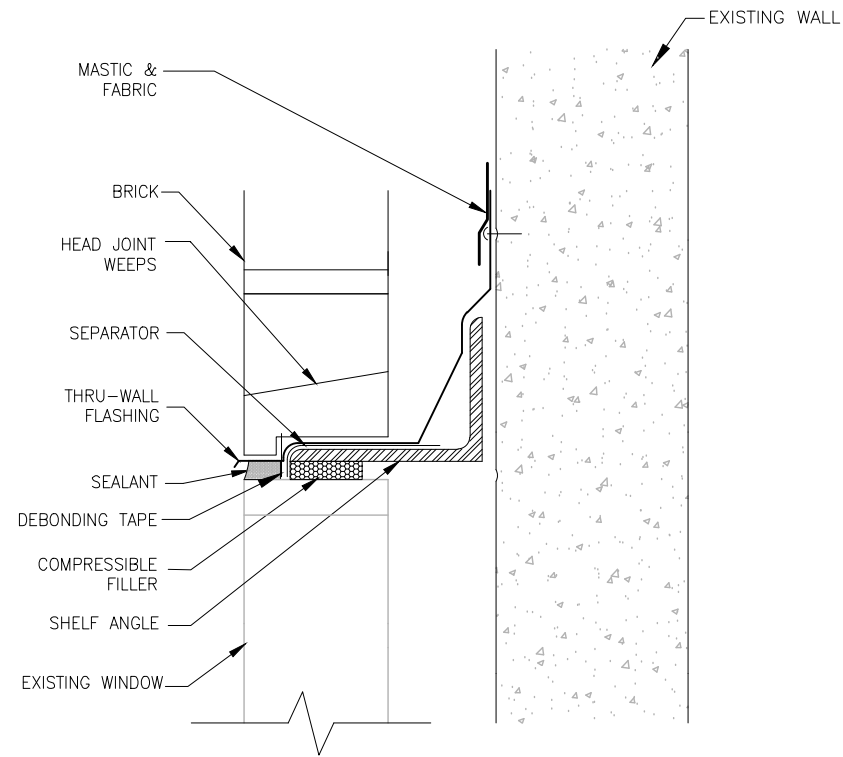
DATE: 4-18-2012
ADC PROJECT #: 11337
DESIGNED: CTW
CHECKED: CTW
DRAWN: DAN
REVISION:

**NEW
EXTERIOR PLAN
NORTH-EAST WING
(PARTIAL)**

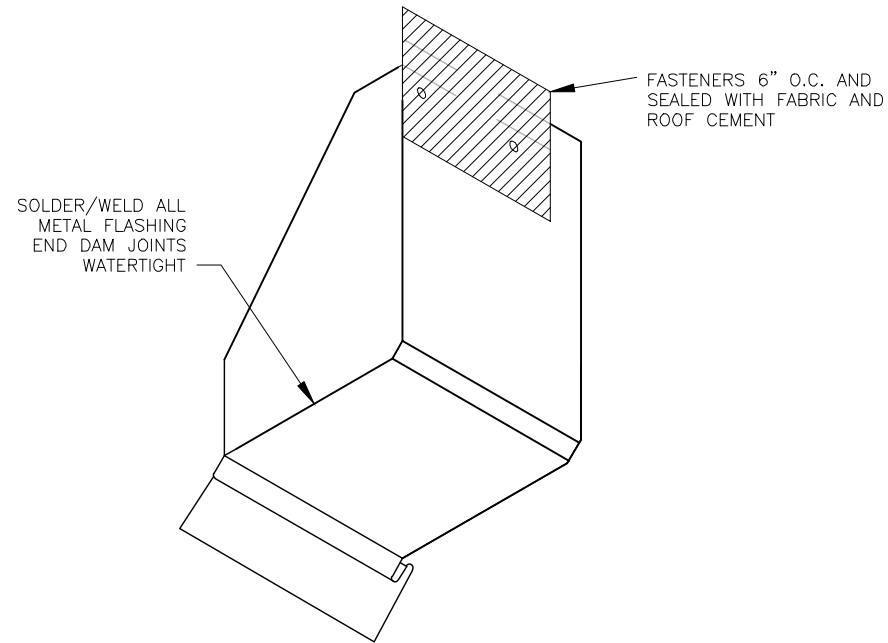
R104

SHEET 4 OF 5

THESE PROJECT DRAWINGS ARE THE PROPERTY OF ADC ENGINEERING, INC. DRAWINGS ARE PROVIDED FOR PROJECT RECORD FILING ONLY. ANY OTHER USE, REPRODUCTION OR COPYING IN WHOLE OR IN PART IS NOT AUTHORIZED. ALL RIGHTS RESERVED.

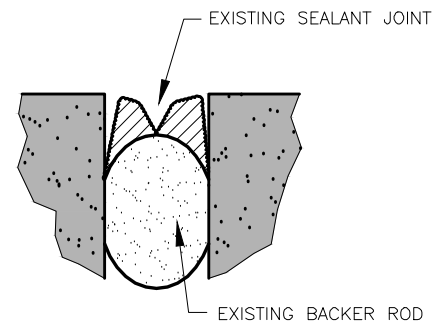


1 THRU WALL FLASHING
R201 NOT TO SCALE (TYPICAL)

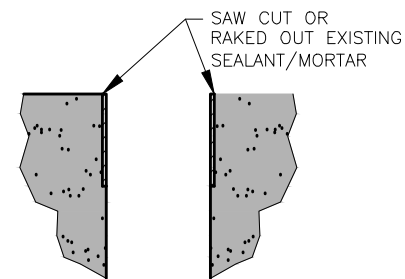


2 END DAM
R201 NOT TO SCALE (TYPICAL)

INTENTIONALLY LEFT BLANK



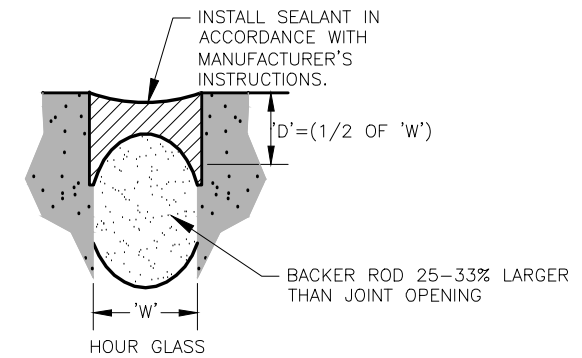
EXISTING STANDARD JOINT
STEP ONE



PREPARE STANDARD JOINT
STEP TWO

- NOTES:**
1. A SEALANT IS NO BETTER THAN THE SURFACE TO WHICH IT IS ATTACHED. PROPER PREPARATION IS CRITICAL.
 2. THE MANUFACTURERS INSTRUCTIONS MUST BE CAREFULLY FOLLOWED TO OBTAIN PROPER SEALANT ADHESION.
 3. ADHERE TO THE JOINT DESIGN AND APPLICATION REQUIREMENTS.

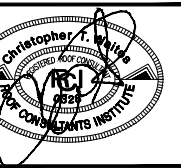
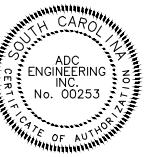
3 STANDARD JOINT DETAIL
R201 NOT TO SCALE (TYPICAL)



CRF DM CAMPUS LIFE CENTER SELECTIVE
BUILDING ENVELOPE REPAIRS

OWNER PROJECT NUMBER: H34-9542/CP00336293
ADC PROJECT NUMBER: 11337

UNIVERSITY OF SOUTH CAROLINA - UPSTATE
FACILITIES MANAGEMENT, 800 UNIVERSITY WAY
SPARTANBURG, SOUTH CAROLINA 29303



ENGINEERING SPECIALISTS

SITE SERVICES \ BUILDING ENVELOPE \ STRUCTURAL
1226 YEAMANS HALL ROAD
HANAHAN, SC 29410
843-566-0161
fax 843-566-0162
ADCENGINEERING.COM

DATE: 4-18-2012
ADC PROJECT #: 11337
DESIGNED: CTW
CHECKED: CTW
DRAWN: DAN
REVISION:

DETAILS/
SECTIONS

R201

SHEET 5 OF 5