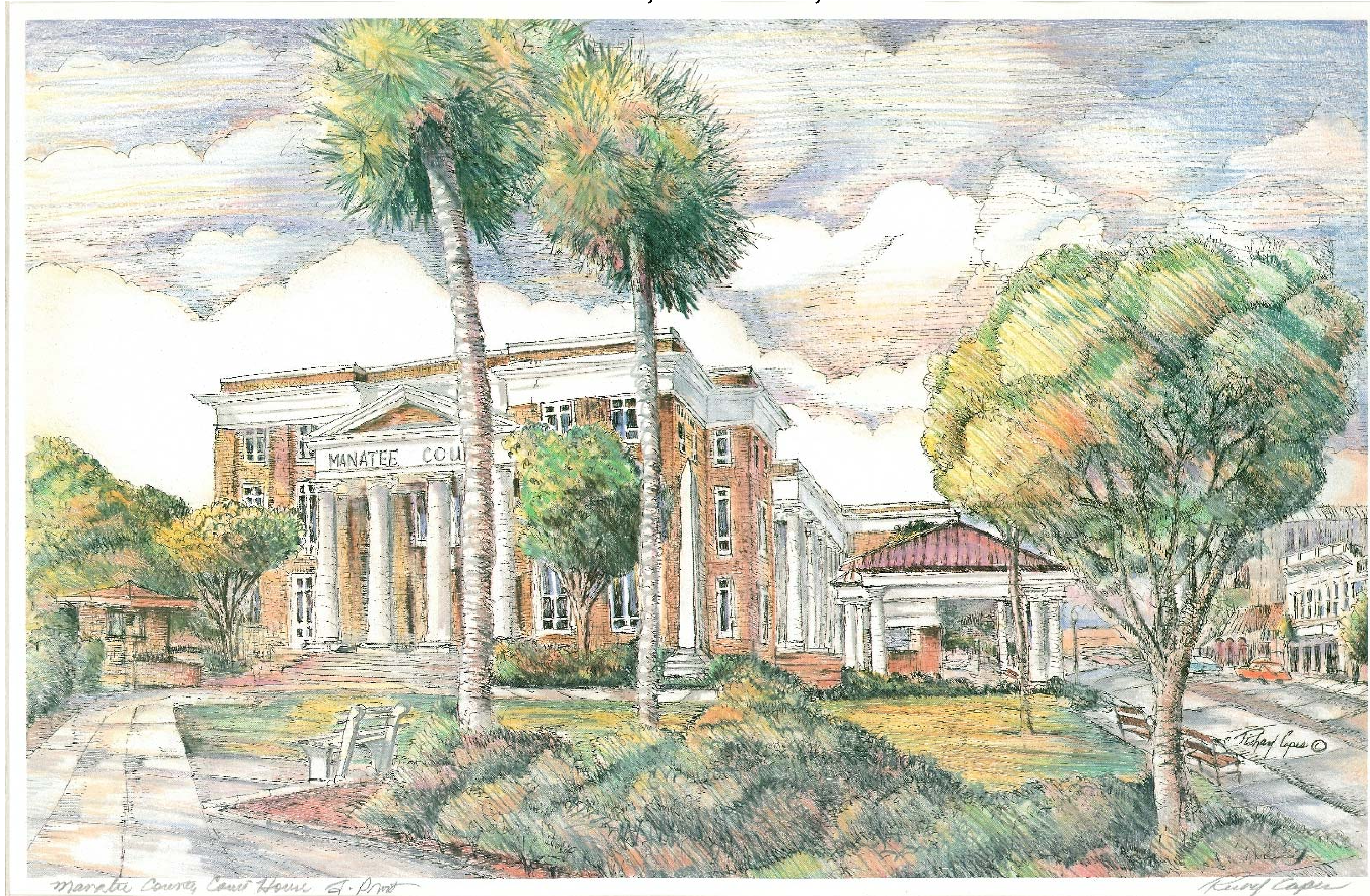


# MANATEE COUNTY HISTORIC COURTHOUSE

EXTERIOR RENOVATION  
1115 Manatee Avenue West  
Bradenton, Florida, 34205



ATTACHMENT "B"

**JERRY N. ZOLLER**  
AA C000557  
**ARCHITECT / PLANNER**

**AIA**  
**P.A.**

**ZNS ENGINEERING**



**FORNEY ENGINEERING, INC.**  
Mechanical & Electrical Consulting Engineers

job no	84341
date	09/21/10
drawn	
checked	
revisions	

sheet  
**TTL**  
of

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
1115 MANATEE AVENUE WEST  
BRADENTON, FLORIDA

**JERRY N. ZOLLER**  
**ARCHITECT / PLANNER**

**AIA**  
**P.A.**

914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465

fl. reg. 5926



## MATERIAL SYMBOLS

	EARTH
	CONCRETE
	CONCRETE BLOCK
	BRICK
	STUCCO OR PLASTER
	WOOD (ROUGH FRAMING)
	WOOD (FINISH FRAMING)
	PLYWOOD (LARGE SCALE)
	GYPSUM BOARD (LARGE SCALE)
	INSULATION (BATT OR LOOSE FILL)
	INSULATION (RIGID)
	STEEL OR IRON

## GRAPHIC SYMBOLS

NORTH ARROW	
BUILDING SECTION	SECTION LETTER SHEET ON WHICH SECTION IS DRAWN 
WALL SECTION	SECTION LETTER SHEET ON WHICH SECTION IS DRAWN 
DETAIL	DETAIL NUMBER SHEET ON WHICH DETAIL IS DRAWN 
INTERIOR ELEVATION	ELEVATION NUMBER SHEET ON WHICH ELEVATION IS DRAWN 
COLUMN CENTER LINE	
ROOM NUMBER	
DOOR NUMBER	
WINDOW MARK	
MATERIAL MARK	MATERIAL INDEX NUMBER SIZE OR NUMBER REQ'D 

## ABBREVIATIONS

A	AND	K.O.	KNOCK-OUT
A.B.	ANCHOR BOLT	LAV.	LAVATORY
A/C	AIR CONDITIONING	LL	LIVE LOAD
ADJ.	ADJUSTABLE	LT	LIGHT
AFF.	ABOVE FINISH FLOOR	MAX.	MAXIMUM
A.H.U.	AIR HANDLING UNIT	M.C.	MEDICINE CABINET
ALUM.	ALUMINUM	MECH.	MECHANICAL
AMP	AMPERE	MFG.	MANUFACTURE
ANOD.	ANODIZED	M.H.	MAN-HOLE
APPROX.	APPROXIMATE	MIN.	MINIMUM
BD.	BOARD	M.O.	MASONRY OPENING
BLDG.	BUILDING	M.R.	MOISTURE RESISTANT
BLK.	BLOCK	MTD.	MOUNTED
BM	BEAM	MTL.	METAL
BRG.	BEARING	M.T.	METAL THRESHOLD
CB	CUBIC FEET PER MINUTE	N.C.	NOT IN CONTRACT
CFM	CENTRAL	NO. OR #	NUMBER
C.J.	CONTROL JOINT	NOM.	NOMINAL
C.O.G.	CEILING	N.T.S.	NOT TO SCALE
C.O.L.	CLOSET	O.A.	OVERALL
C.O.M.	CLEAR	O.C.	ON CENTER
C.O.M.U.	CONCRETE MASONRY UNIT	O.D.	OUTSIDE DIAMETER
C.O.	CLEAN OUT	O.F.	ORANGE PEEL
COL.	COLUMN	O.P.G.	OPENING
CONC.	CONCRETE	O.H.	OVERHEAD
COND.	CONDENSER	P.	NUMBER OR POUND
CONST.	CONSTRUCTION	P.H.	TOILET PAPER HOLDER
CONT.	CONTINUOUS	FL. OR B.	FLATE
CORR.	CORRUGATED	PLAS. LAM.	PLASTIC LAMINATE
C.T.	CERAMIC TILE	PLNG.	PLUMBING
C.W.	COLD WATER	PLYWD.	PLYWOOD
CBL	CUBES	PNL	PANEL
D.F.	DRINKING FOUNTAIN	FR	PAIR
DDIA. OR	DIAMETER	PSF	POUNDS PER SQUARE FOOT
DM.	DOUBLE HUNG	PSI	POUNDS PER SQUARE INCH
D.H.	DEAD HUNG	P.T.	PRESSURE TREATED
D.L.	DEAD LOAD	Q.T.	QUARRY TILE
DN.	DOWN	R	RADIUS
D.S.	DOWNSPOUT	RD.	ROOF DRAIN
DUG.	DRAWING	REBAR.	REINFORCING
EXP.	EXPANSION JOINT	REQ'D	REQUIRED
ELEV. EL	ELEVATION	RM	ROOM
ELEC.	ELECTRICAL	R.O.	ROUGH OPENING
ELLU.	EMERGENCY LIGHTING UNIT	R.S.	ROUGH SAUN
EQ. OR	EQUAL	R/W	RIGHT OF WAY
EQUIP	EQUIPMENT	RWL	RAIN WATER LEADER
E.W.C.	ELECTRIC WATER COOLER	S.C.	SOIL CORE
EXT.	EXISTING	S.D.	SOAP DISPENSER
F.A.P.	FIRE ALARM PANEL	SF./SQFT.	SQUARE FOOT
F.D.	FLOOR DRAIN	S.H.	SINGLE HUNG
F.E.	FIRE EXTINGUISHER	SHT	SHEET
F.E.C.	FIRE EXTINGUISHER CABINET	SHUR	SHOWER
FIN.	FINISH	SIM.	SIMILAR
FLR.	FLOOR	SQ.	SQUARE
FLUOR.	FLUORESCENT	SS	STAINLESS STEEL
FND.	FOUNDATION	STL.	STEEL
F.O.B.	FACE OF BLOCK	STD.	STANDARD
FT. OR	FEET	STRUC.	STRUCTURAL
FTG.	TYING	T.D.	TOWEL DISPENSER
GA.	GAUGE	T&G	TONGUE AND GROOVE
GALV.	GALVANIZED	TEMP.	TEMPERED
GB.	GRAB BAR	TYP.	TYPICAL
GL.	GLASS	UNO.	UNLESS NOTED OTHERWISE
GYP.	GYPSUM	UL.	UNDERWRITERS LABORATORY
H.B.	HOSE BIB	UR.	URINAL
H.C.	HOLLOW CORE	V.	VOL.
HDCP	HANDICAPPED	V.B.	VAPOR BARRIER
H.M.	HOLLOW METAL	VERT.	VERTICAL
HORIZ.	HORIZONTAL	VT.	VINTL TILE
H.R.	HEIGHT	VTR	VENT THRU ROOF
HVAC	HEATING VENTILATING AIR CONDITIONING	W	WATT
H.W.	HOT WATER	W	WITH
I.D.	INSIDE DIAMETER	W.C.	WATER CLOSET
IN. or	INCHES	WD.	WOOD
INSUL.	INSULATION	WH.	WATER HEATER
INT.	INTERIOR	WTR.	WATER-PROOF
		WJ.F.	WELDED WIRE FABRIC
		YD.	YARD

## INDEX OF DRAWINGS

TTL	TITLE PAGE - RENDERING	STRUCTURAL
T-1	INDEX SHEET	S-1 CORNICE / PARAPET SECTIONS
		S-2 CORNICE DETAILS / NOTES
		S-3 WINDOW SECTIONS & DETAILS
	<b>ARCHITECTURAL</b>	<b>ELECTRICAL</b>
A-0	PHASE PLAN	LP-1 LIGHTNING PROTECTION PLANS
D-1	EXISTING EXTERIOR ELEVATIONS W/ DEMOLITION	LP-2 LIGHTNING PROTECTION DETAILS
D-1.2	EXISTING EXTERIOR ELEVATIONS W/ DEMOLITION	
D-1.3	EXISTING EXTERIOR ELEVATIONS W/ DEMOLITION	
D-1.4	EXISTING EXTERIOR ELEVATIONS W/ DEMOLITION	
D-2	EXISTING EXTERIOR WINDOW ELEVATIONS W/ DEMOLITION	
D-2.2	EXISTING EXTERIOR WINDOW ELEVATIONS W/ DEMOLITION	
D-2.3	EXISTING EXTERIOR WINDOW ELEVATIONS W/ DEMOLITION	
A-3.3	THIRD FLOOR PLAN	
A-3.4	PENTHOUSE FLOOR PLAN	
A-4.1	WINDOW SCHEDULES	
A-4.2	WINDOW TYPES	
A-6.1	ROOFING LAYOUT / PATCHING DETAILS	
A-6.2	ROOFING DETAILS	
A-6.3	ROOFING DETAILS	
A-6.4	ROOFING DETAILS	
A-7.1	PROPOSED EXTERIOR ELEVATIONS	
A-7.2	PROPOSED EXTERIOR ELEVATIONS	
A-7.3	PROPOSED EXTERIOR ELEVATIONS	
A-7.4	PROPOSED EXTERIOR ELEVATIONS	
A-8.1	PROPOSED EXTERIOR WINDOW ELEVATIONS	
A-8.2	PROPOSED EXTERIOR WINDOW ELEVATIONS	
A-8.3	PROPOSED EXTERIOR WINDOW ELEVATIONS	
A-9.1	ENLARGED BUILDING DETAILS	
A-9.2	ENLARGED BUILDING DETAILS	
A-9.3	ENLARGED BUILDING DETAILS	
A-9.4	ENLARGED WINDOW DETAILS	

### SCOPE OF WORK:

THESE DRAWINGS DESCRIBE PROPOSED WORK FOR 1115 MANATEE AVENUE WEST CONSISTING OF THE REMOVAL OF ALL DETERIORATING PARAPETS, COPINGS AND CORNICES AND REPLACING WITH STRUCTURALLY SOUND MASONRY AND GRC CORNICE PANELS AS WELL AS THE REPLACEMENT OF THE CURRENT LIGHTNING PROTECTION SYSTEM.

## BUILDING CODE ANALYSIS

EXISTING BLDG	AREA OF EXISTING BLDG
BASEMENT	22,830± SQFT.
1st FLOOR	22,830± SQFT.
2nd FLOOR	22,830± SQFT.
3rd FLOOR	20,285± SQFT.
TOTAL BLDG	88,775± SQFT.

C-1/UCBD  
ZONING: HISTORIC DISTRICT REQUIRED SETBACKS TO PROPERTY LINES: (F) N/A (R) N/A (LS) N/A (RS) N/A SQFT.  
CLASSIFICATION OF BUILDING BY OCCUPANCY: BUSINESS  
CLASSIFICATION OF BUILDING BY CONSTRUCTION TYPE: III-B LEVEL 3 RENOVATION  
SPRINKLERED: YES XXX THRESHOLD BUILDING: NO XXX  
FLOOD ZONE: X-0N EXIST 500 BFE: \_\_\_\_\_  
YEAR AND CODE IN EFFECT BY BUILDING DEPT.: 2021 FLORIDA BUILDING CODE  
2021 EXISTING BUILDING FLORIDA BUILDING CODE  
2021 FBC AND MECHANICAL & PLUMBING w/03 REVISIONS  
2020 NEC  
2021 FLORIDA FIRE PREVENTION CODE

### BUILDING HEIGHT & AREA / AREA MODIFICATION (TABLE 503)

ALLOWABLE BUILDING HEIGHT/NUMBER OF STORIES 4 / 55' ACTUAL BUILDING HEIGHT/NUMBER OF STORIES 4 / 42'  
MAXIMUM ALLOWABLE FLOOR AREA 19,020 SF. ACTUAL FLOOR AREA per FLOOR 22,830± SF.  
FLOOR AREA ENTIRE BUILDING 88,775± SF. MODIFIED AREA, IF USED 202± SF.  
GENERAL OR OCCUPANCY AREA MODIFICATION, CALCULATIONS USED: 19,020 + 22,800 = 51,820

### FIRE RESISTANCE RATING OF BUILDING COMPONENTS AND PERCENTAGE OF OPENINGS (TABLES 601 AND 602)

HORIZONTAL SEPARATION FROM PROPERTY LINES AND/OR BUILDINGS: (F) 20'± (R) 20'± (LS) 20'± (RS) 20'± FEET  
STRUCTURAL FRAME (INCLUDING COLUMNS, GIRDERS AND TRUSSES): 0 HR  
EXTERIOR BEARING WALL RATING REQUIREMENTS: 0 HR  
EXTERIOR NON-BEARING WALL RATING REQUIREMENTS: 0 HR  
INTERIOR BEARING WALL RATING REQUIREMENTS: 0 HR  
INTERIOR NON-BEARING WALL RATING REQUIREMENTS: 0 HR  
FLOOR CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS): 0 HR  
ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS): 0 HR  
EXIT ACCESS ENCLOSURES/CORRIDORS: 0 HR. EXIT ENCLOSURES/STAIRS: 2  
PERCENTAGE OF ALLOWABLE OPENINGS (UNPROTECTED): (F) NO LIMIT (R) NO LIMIT (LS) NO LIMIT (RS) NO LIMIT %  
PERCENTAGE OF PROVIDED OPENINGS (PROTECTED): (F) NO LIMIT (R) NO LIMIT (LS) NO LIMIT (RS) NO LIMIT %

### DESIGN LOADS AND STRESSES

ROOF LIVE LOAD: \_\_\_\_\_ DEAD LOAD: \_\_\_\_\_ ROOF SLOPE: FLAT  
FLOOR LIVE LOAD: 50 CORRIDORS LIVE LOAD: 100 PSF BALCONY AND DECK LIVE LOAD: 100 PSF  
WIND LOAD: VELOCITY: 130 MPH WIND PRESSURE: \_\_\_\_\_ PSF WIND EXPOSURE CATEGORY: B  
IMPORTANCE FACTOR: 1.0 ENCLOSURE CLASSIFICATION (OPEN, ENCLOSED): ENCLOSED  
INTERNAL PRESSURE COEFFICIENT: 0.18± COMPONENTS & CLADDING DESIGN WIND PRESSURE: \_\_\_\_\_ PSF  
SOIL BEARING CAPACITY: \_\_\_\_\_ PSF NOTE: SOILS ANALYSIS IS NOT REQUIRED.  
\* REFER TO STRUCTURAL DRAWINGS

MAXIMUM ALLOWABLE TRAVEL DISTANCE WITHIN ROOMS OR SPACES ALONG ROUTES OF EXIT ACCESS (10/15) 202 BUSINESS OCCUPANCY WITH SPRINKLER SYSTEM

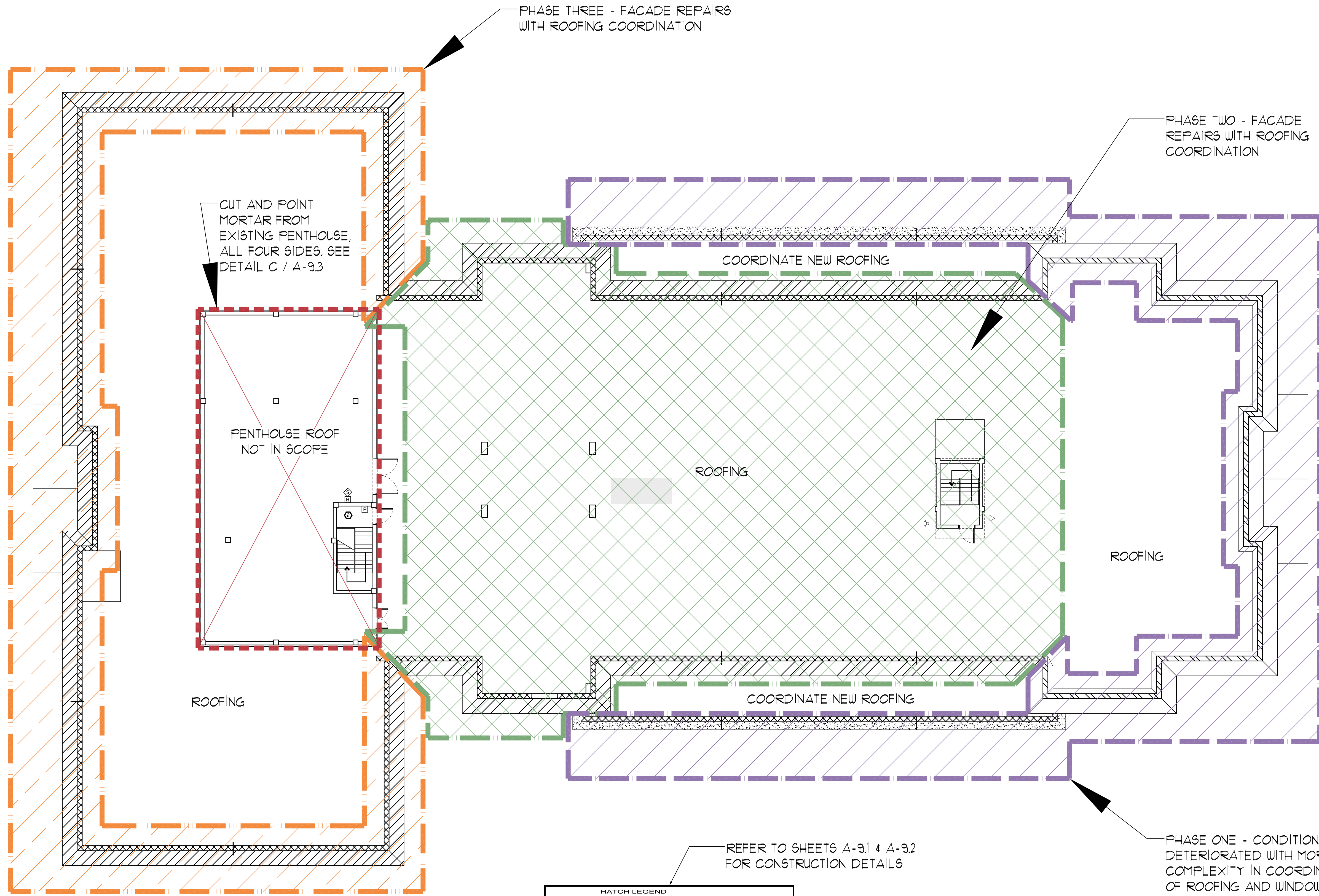
ATTACHMENT "B"

JERRY N. ZOLLER  
ARCHITECT / PLANNER  
P.A.

PROPOSED FACADE RENOVATION FOR:  
MANATEE COUNTY HISTORIC COURTHOUSE  
EXTERIOR RENOVATION  
1115 MANATEE AVENUE WEST  
BRADENTON, FLORIDA

job no 84541  
date 09/21/10  
drawn DB  
checked JZ  
revisions

sheet  
T-1  
of



HATCH LEGEND

	TYPE I - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM. SEE STRUCTURAL DRAWINGS.
	TYPE II - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM. SEE STRUCTURAL DRAWINGS.
	TYPE III - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM. SEE STRUCTURAL DRAWINGS.
	TYPE IV - EXISTING CORNICE TO REMAIN NORTH END
	TYPE I, II & III - PARAPET TO BE REPLACED WITH THRU-WALL FLASHING AND PERIMETER FLASHING UNDER NEW COPING.
	TYPE IV - COPING TO BE REPLACED AND PERIMETER FLASHING INSTALLED UNDER NEW COPING.



**PHASE PLAN**

SCALE : 3/32" = 1'-0"

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**

1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

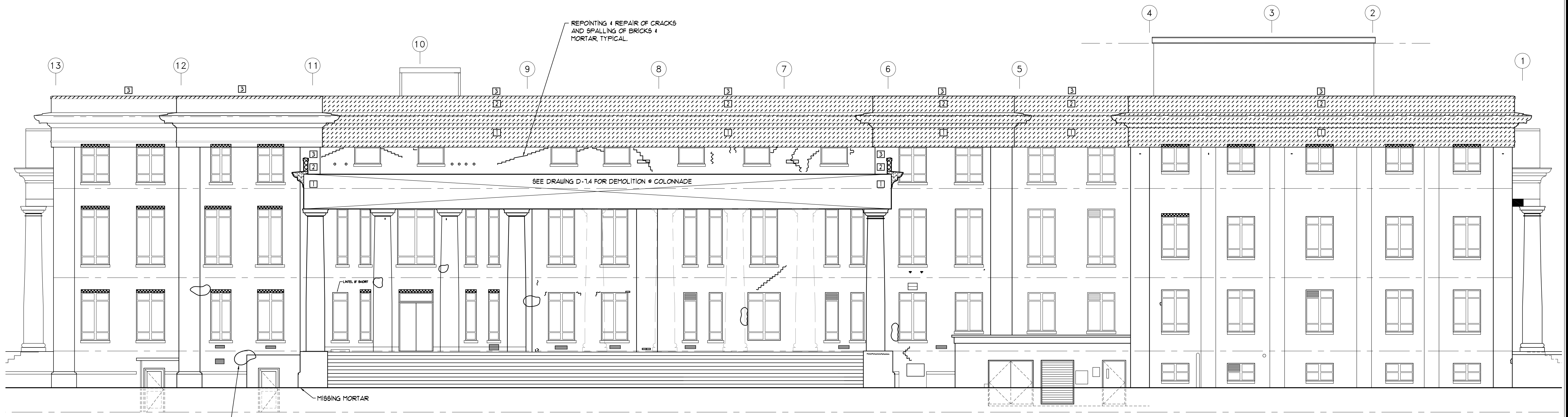
job no. 84541  
 date 09/21/10  
 drawn DAB  
 checked  
 revisions

sheet  
**A-0**  
 of

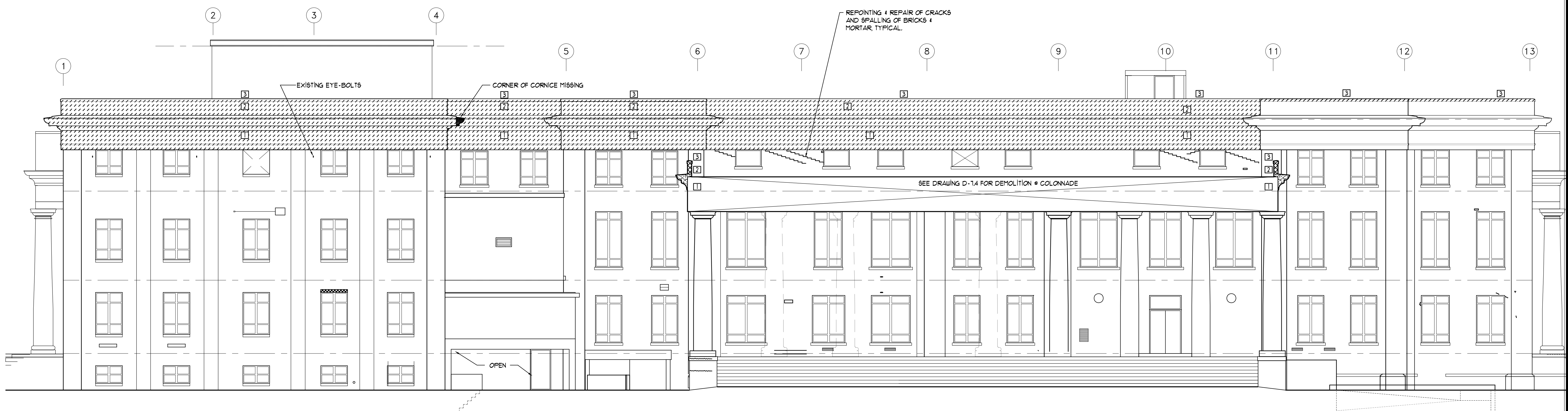
**JERRY N. ZOLLER**  
 ARCHITECT / PLANNER

**AIA**  
 P.A.

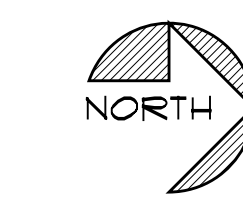
914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465  
 fl. reg. 5926



**1**  
**DEMOLITION ELEVATION**  
**@ WEST ELEVATION**  
 SCALE: 1/8" = 1'-0"

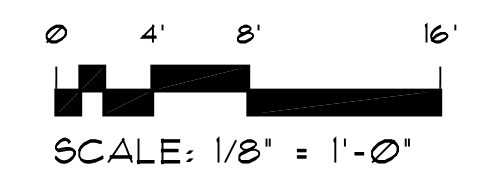


**2**  
**DEMOLITION ELEVATION**  
**@ EAST ELEVATION**  
 SCALE: 1/8" = 1'-0"



**DEMOLITION TAG LEGEND:**

1	REMOVE EXISTING CORNICE SYSTEM
2	REMOVE EXISTING PARAPET
3	REMOVE EXISTING COPING



**FACADE DETAILS**

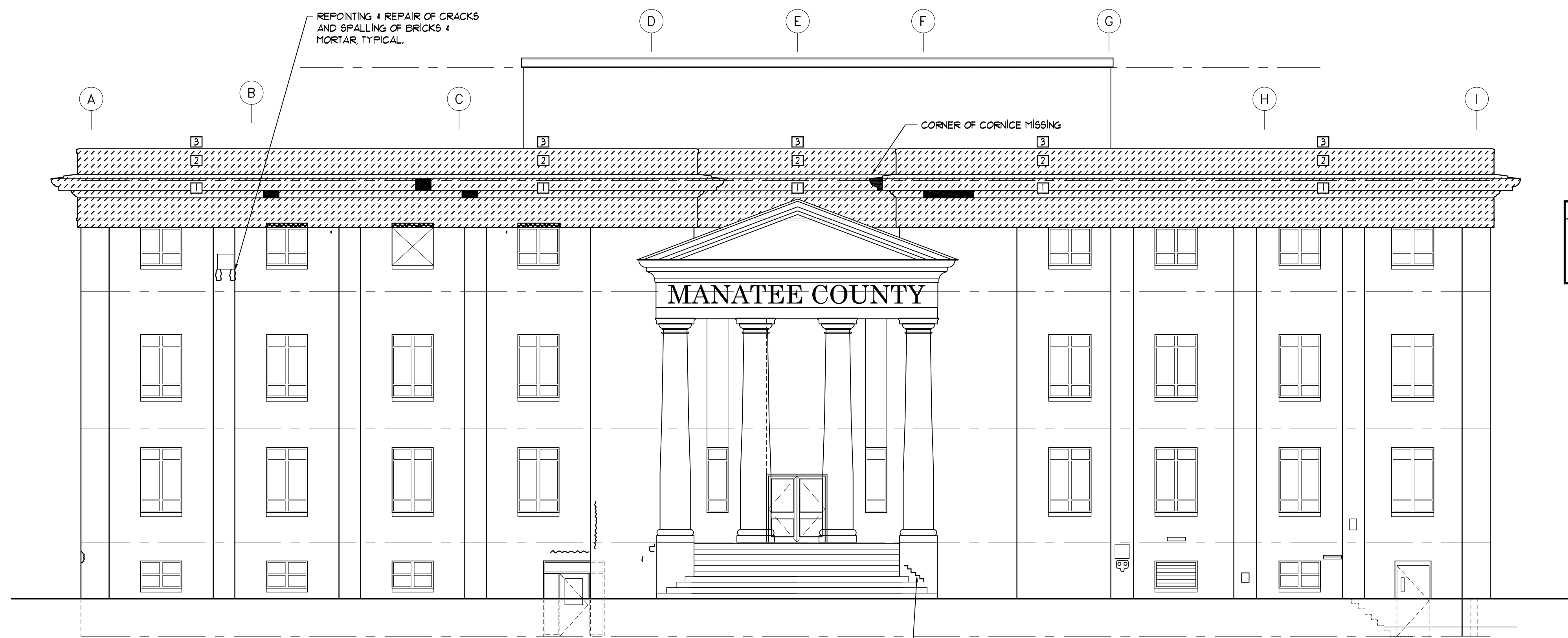
**AIA**  
**JERRY N. ZOLLER**  
 ARCHITECT / PLANNER  
 P.A.  
 914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465  
 fl. reg. 5926

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

job no	84541
date	09/21/10
drawn	DAB
checked	
revisions	
sheet	

**D-7.1**  
 of

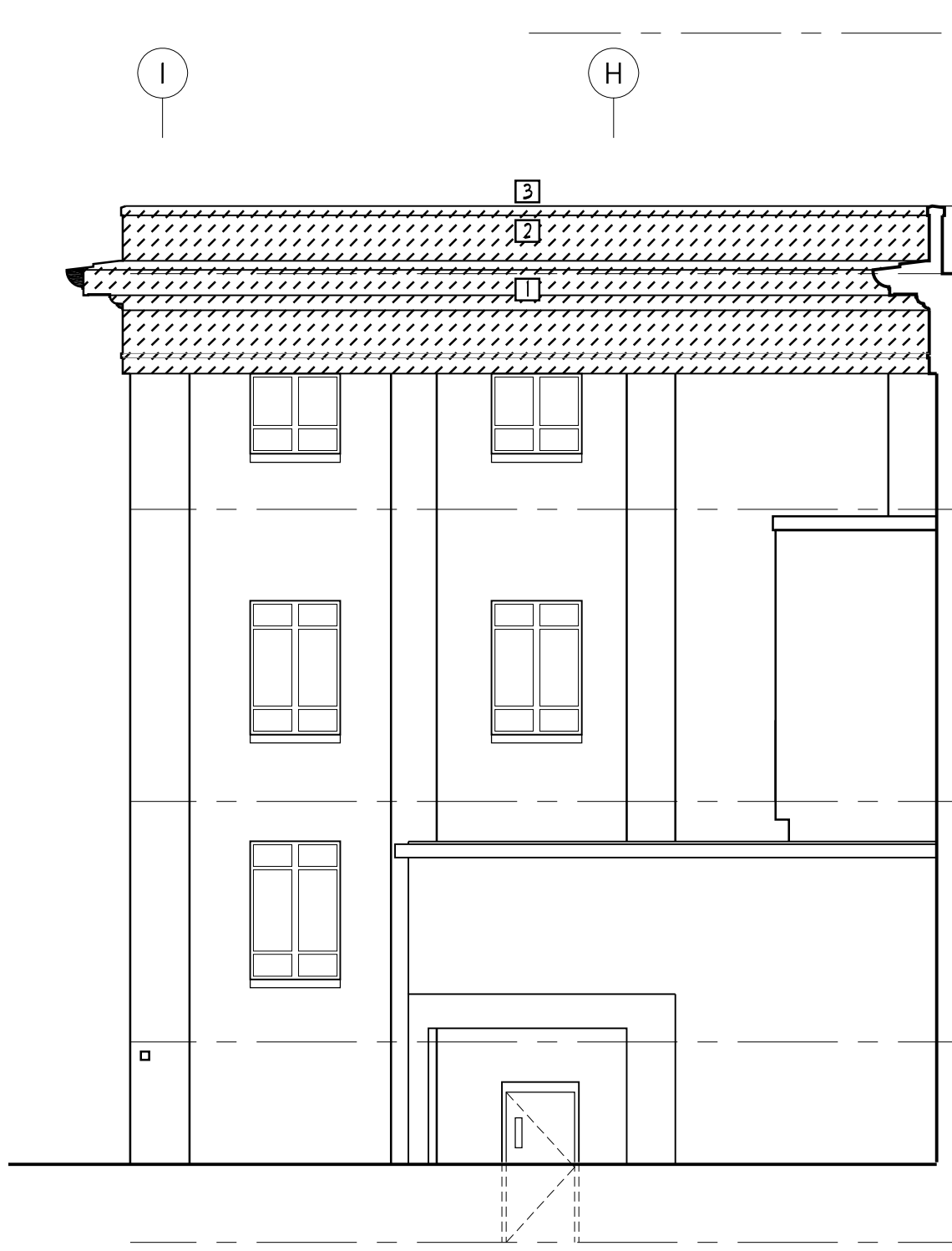




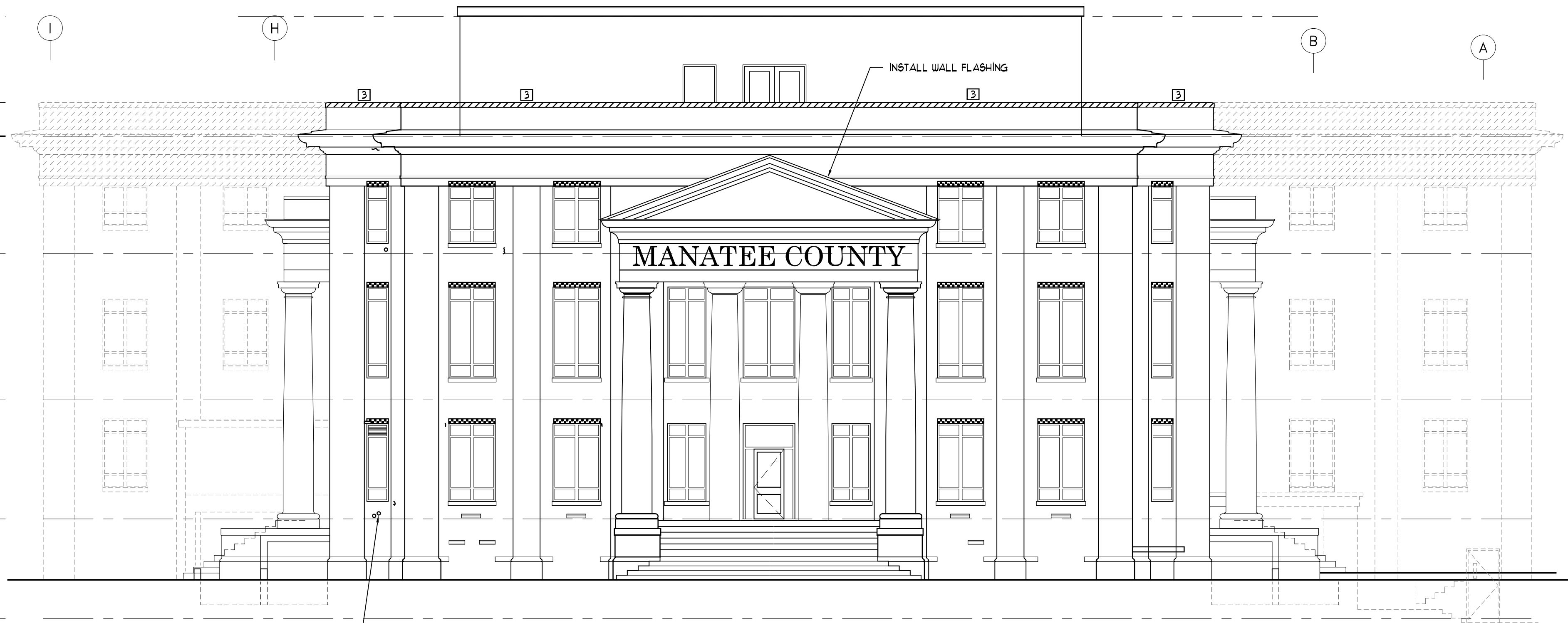
**DEMOLITION TAG LEGEND :**

1	REMOVE EXISTING CORNICE SYSTEM
2	REMOVE EXISTING PARAPET
3	REMOVE EXISTING COPING

**3**  
**DEMOLITION ELEVATION @ SOUTH ELEVATION**  
 SCALE : 1/8" = 1'-0"



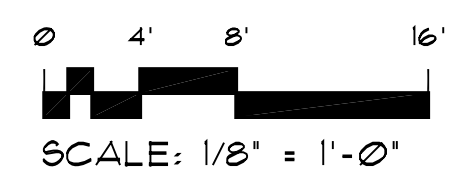
**4**  
**DEMOLITION ELEVATION NORTH ELEVATION**  
 SCALE : 1/8" = 1'-0"



**5**  
**DEMOLITION ELEVATION @ NORTH ELEVATION**  
 SCALE : 1/8" = 1'-0"



**6**  
**DEMOLITION ELEVATION NORTH ELEVATION**  
 SCALE : 1/8" = 1'-0"



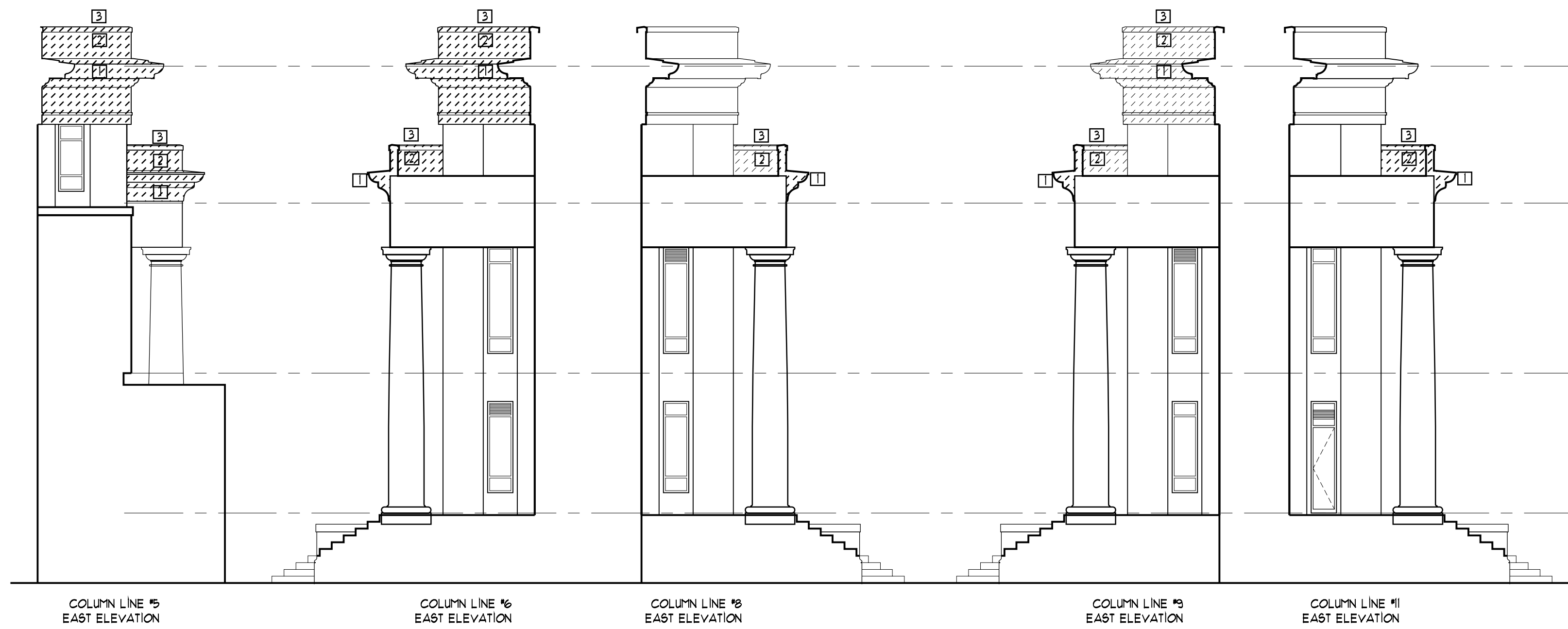
**FACADE DETAILS**

**AIA**  
**JERRY N. ZOLLER**  
**ARCHITECT / PLANNER**  
 P.A.  
 914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465  
 fl. reg. 5926

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

job no	84341
date	09/21/10
drawn	DAB
checked	
revisions	
sheet	
<b>D-7.2</b>	
of	





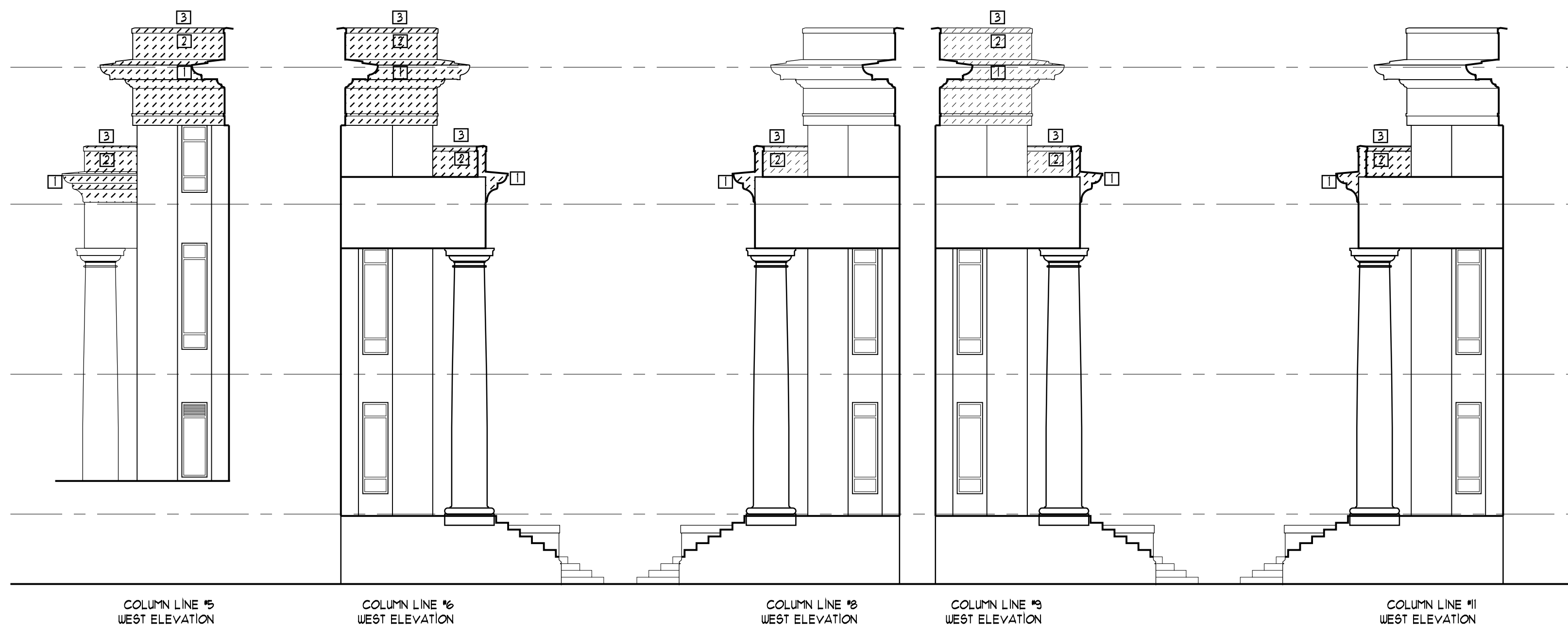
**7 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**8 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**9 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**10 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**11 SIDE LEGS**  
SCALE: 1/8" = 1'-0"



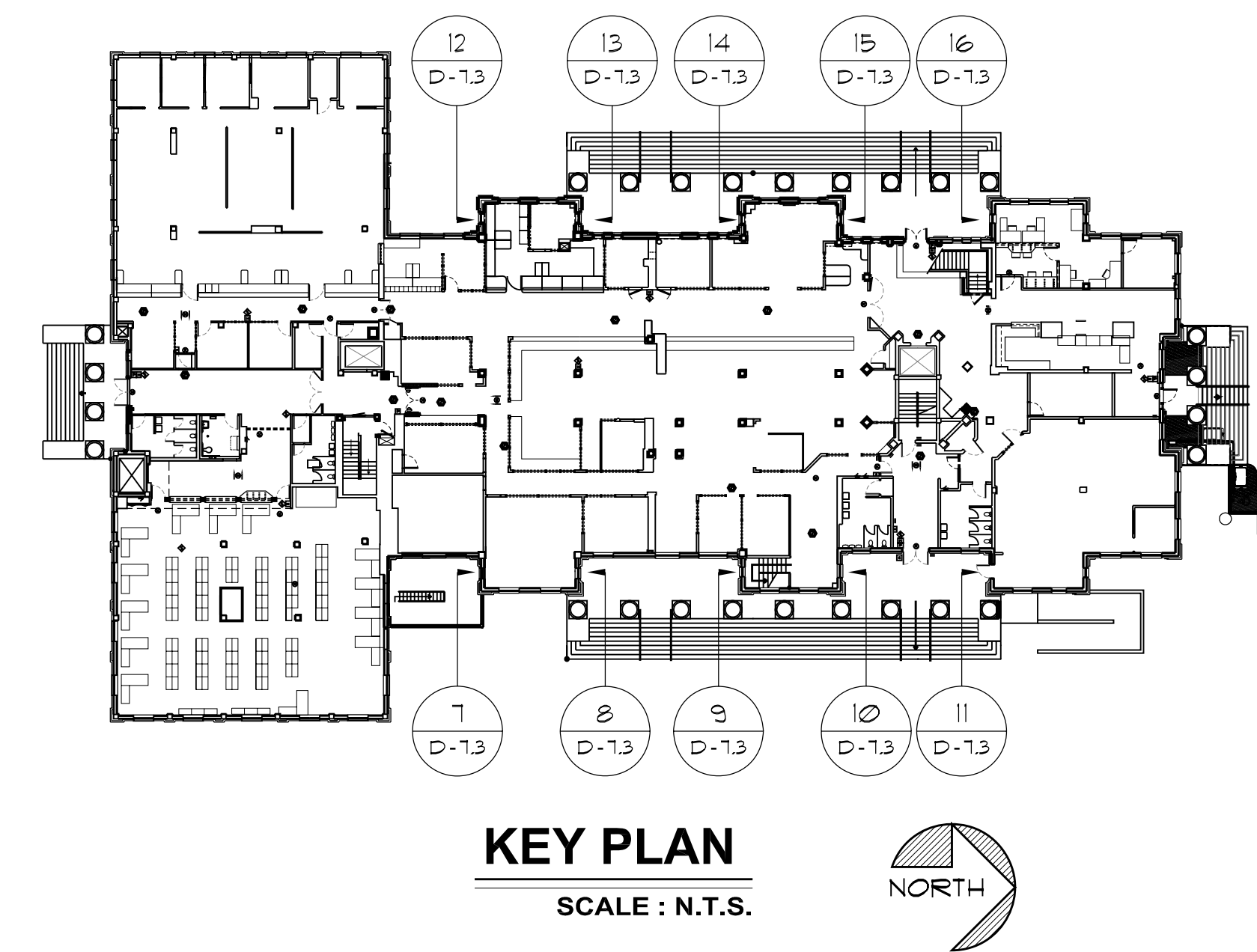
**12 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**13 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**14 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**15 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

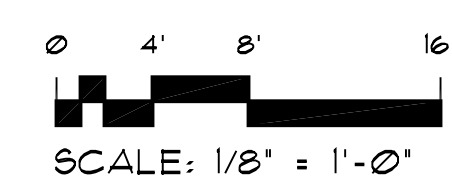
**16 SIDE LEGS**  
SCALE: 1/8" = 1'-0"



**DEMOLITION TAG LEGEND:**

1	REMOVE EXISTING CORNICE SYSTEM
2	REMOVE EXISTING PARAPET
3	REMOVE EXISTING COPING

**DEMOLITION ELEVATIONS**



**FACADE DETAILS**

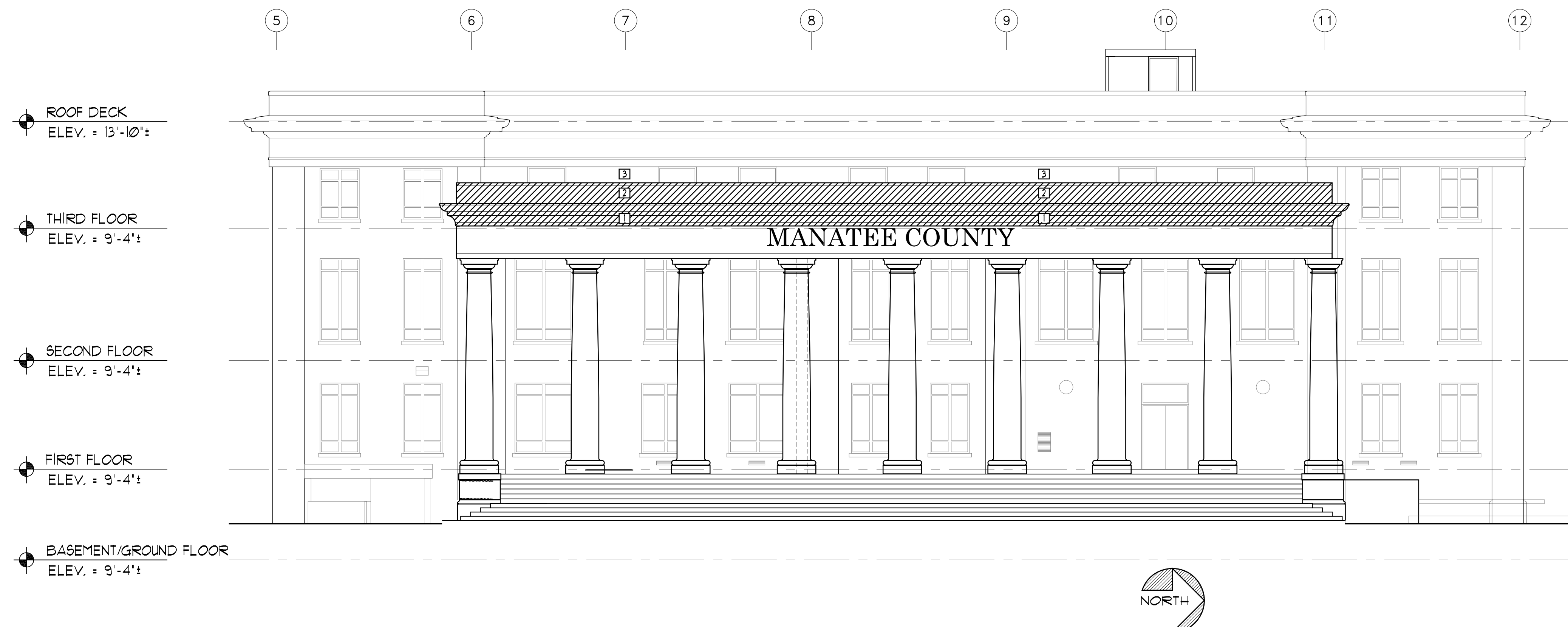
**AIA**  
**JERRY N. ZOLLER**  
**ARCHITECT / PLANNER**  
P.A.

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
1115 MANATEE AVENUE WEST  
BRADENTON, FLORIDA

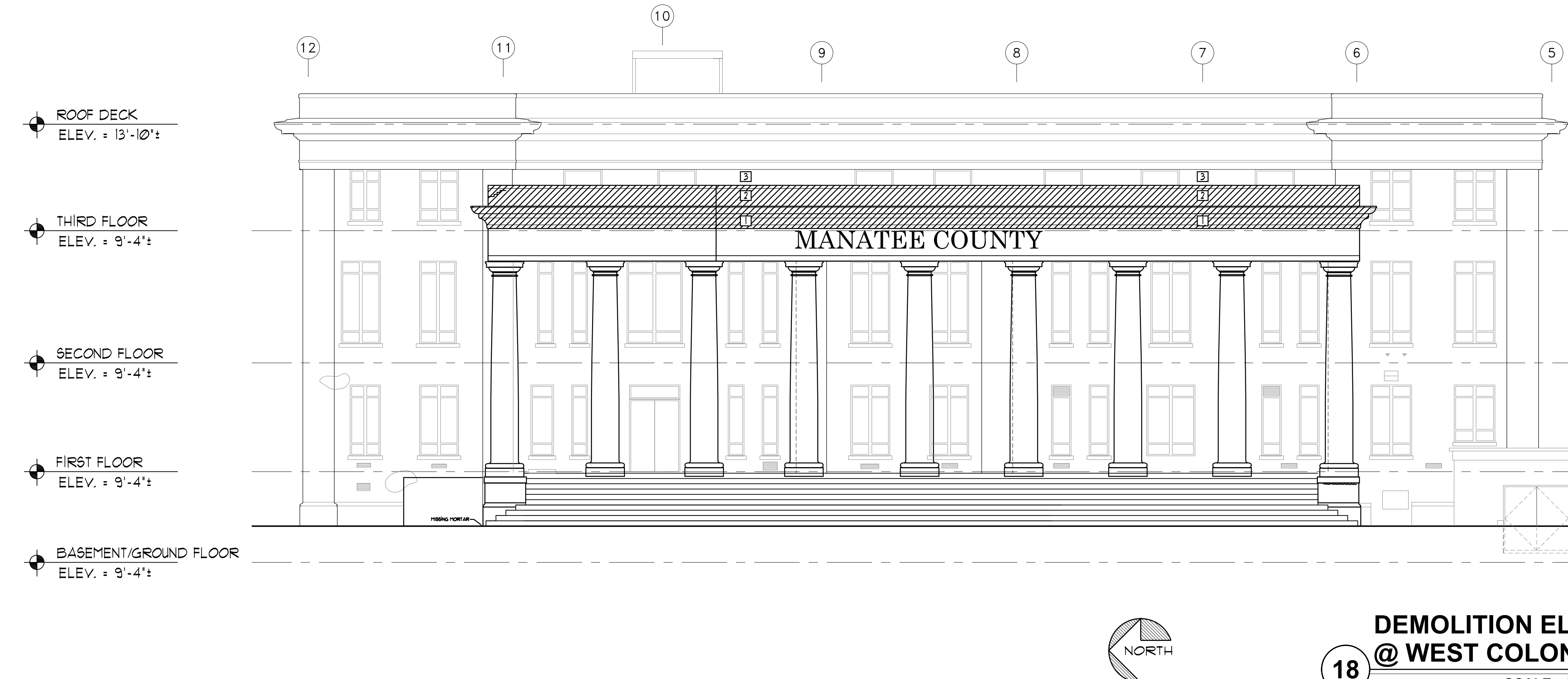
job no. 84541  
date 09/21/10  
drawn DAB  
checked  
revisions

sheet  
**D-7.3**  
of





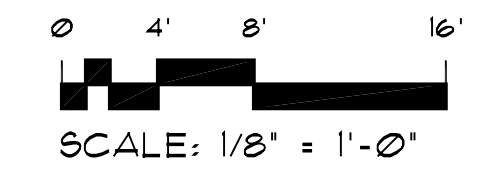
**DEMOLITION ELEVATION**  
**@ EAST COLONNADE**  
 17 SCALE : 1/8" = 1'-0"



**DEMOLITION ELEVATION**  
**@ WEST COLONNADE**  
 18 SCALE : 1/8" = 1'-0"

**DEMOLITION TAG LEGEND :**

1	REMOVE EXISTING CORNICE SYSTEM
2	REMOVE EXISTING PARAPET
3	REMOVE EXISTING COPING



**JERRY N. ZOLLER**  
 ARCHITECT / PLANNER  
 AIA  
 P.A.

914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465 fl. reg. 5926

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

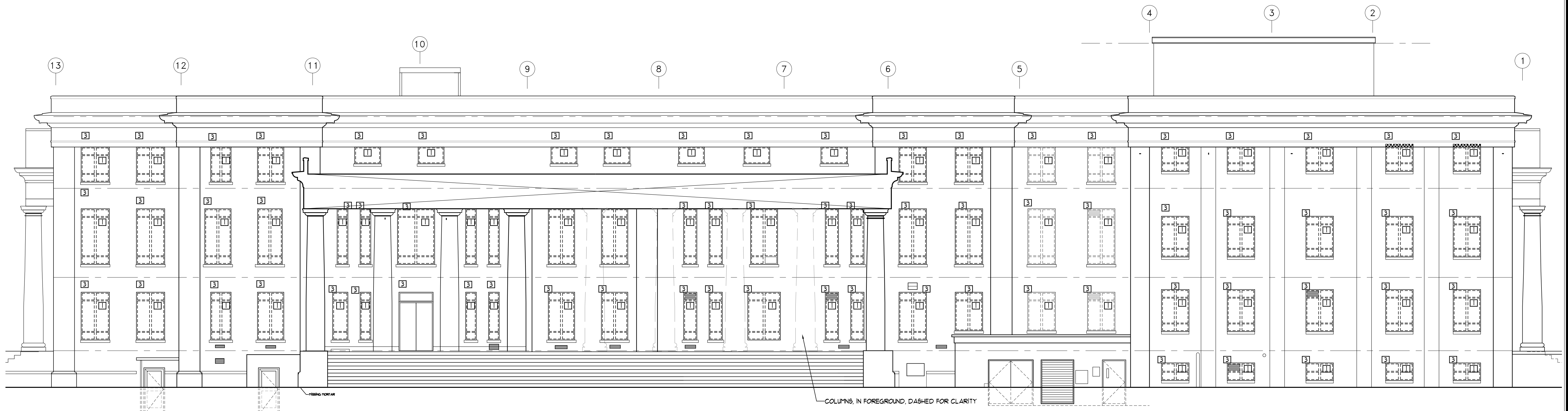
job no	84541
date	09/21/10
drawn	DAB
checked	
revisions	
sheet	

**D-7.4**  
 of

**FACADE DETAILS**

P:\101188181\101188181 - Courthouse Facade Renovation\101188181 - Courthouse Facade Renovation.dwg, 09/21/10 10:33:34 AM, 09/21/10 10:33:34 AM, 09/21/10 10:33:34 AM

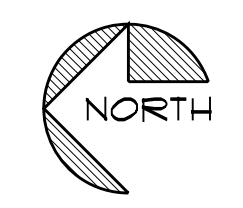




**DEMOLITION ELEVATION  
@ WEST ELEVATION**

1

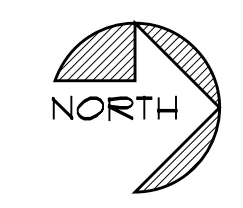
SCALE: 1/8" = 1'-0"



**DEMOLITION ELEVATION  
@ EAST ELEVATION**

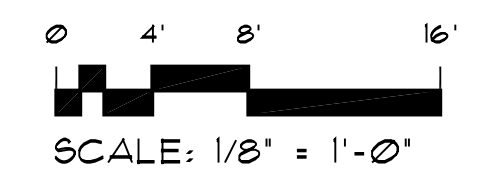
2

SCALE: 1/8" = 1'-0"



**DEMOLITION TAG LEGEND:**

1	REMOVE EXISTING WINDOW
2	REMOVE EXISTING PLYWOOD BLOCKING OPENING
3	REMOVE EXISTING LINTEL FOR REFURBISHMENT/REPLACEMENT



**AIA**  
**JERRY N. ZOLLER**  
**ARCHITECT / PLANNER**  
**P.A.**

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**

job no	84341
date	09/21/10
drawn	DAB
checked	
revisions	

sheet  
**D-8.1**  
of

1115 MANATEE AVENUE WEST  
BRADENTON, FLORIDA  
914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465  
fl. reg. 5926

**WINDOW DETAILS**



**DEMOLITION ELEVATION  
@ SOUTH ELEVATION**

SCALE : 1/8" = 1'-0"



**DEMOLITION ELEVATION  
NORTH ELEVATION**

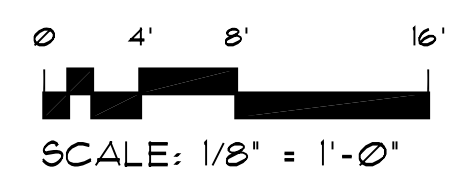
SCALE : 1/8" = 1'-0"

**DEMOLITION ELEVATION  
@ NORTH ELEVATION**

SCALE : 1/8" = 1'-0"

**DEMOLITION ELEVATION  
NORTH ELEVATION**

SCALE : 1/8" = 1'-0"

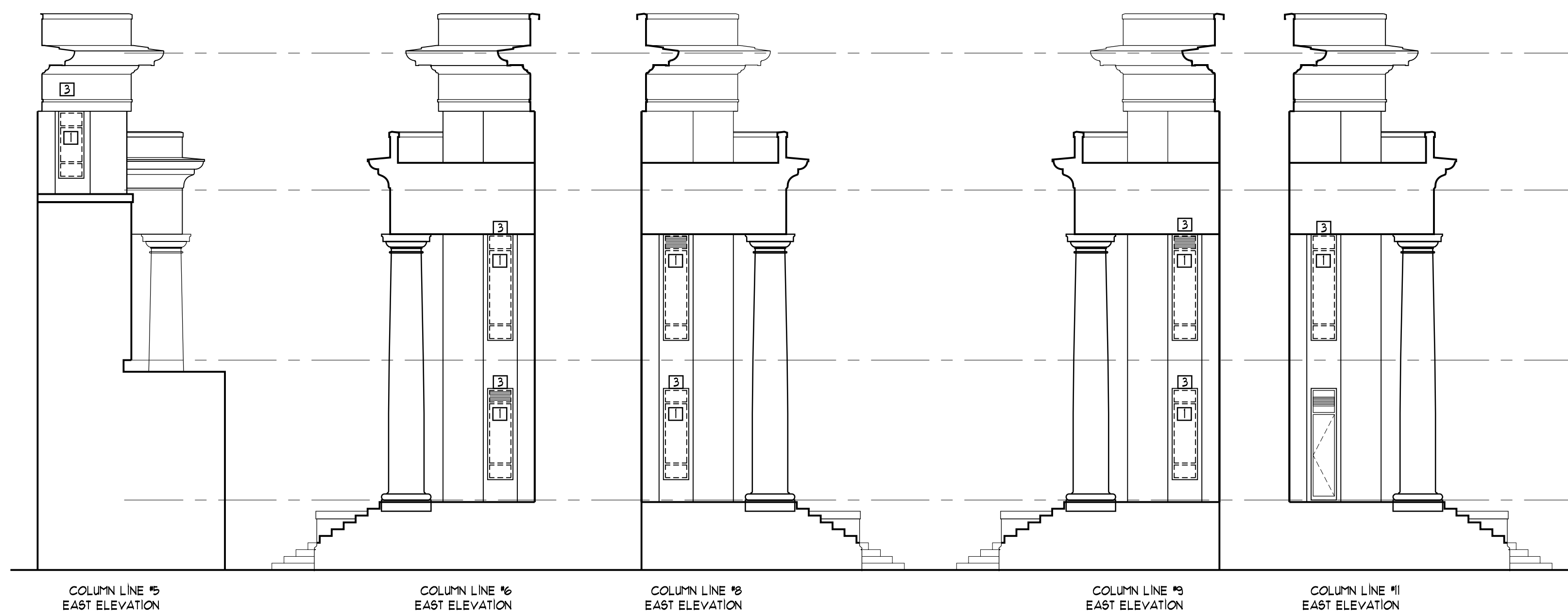


DEMOLITION TAG LEGEND :	
1	REMOVE EXISTING WINDOW
2	REMOVE EXISTING PLYWOOD BLOCKING OPENING
3	REMOVE EXISTING LINTEL FOR REPURBISHMENT/REPLACEMENT

**WINDOW DETAILS**

job no	84341
date	09/21/10
drawn	DAB
checked	
revisions	
sheet	





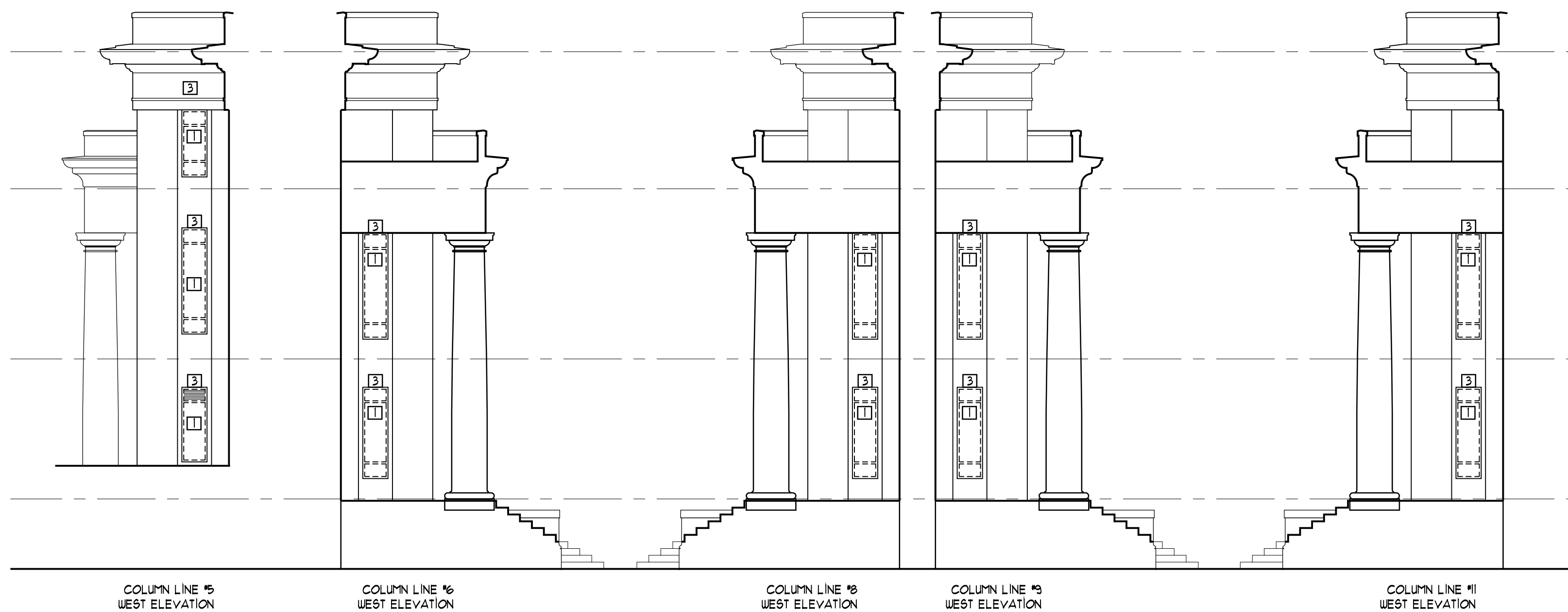
**7 SIDE LEGS**  
SCALE : 1/8" = 1'-0"

**8 SIDE LEGS**  
SCALE : 1/8" = 1'-0"

**9 SIDE LEGS**  
SCALE : 1/8" = 1'-0"

**10 SIDE LEGS**  
SCALE : 1/8" = 1'-0"

**11 SIDE LEGS**  
SCALE : 1/8" = 1'-0"



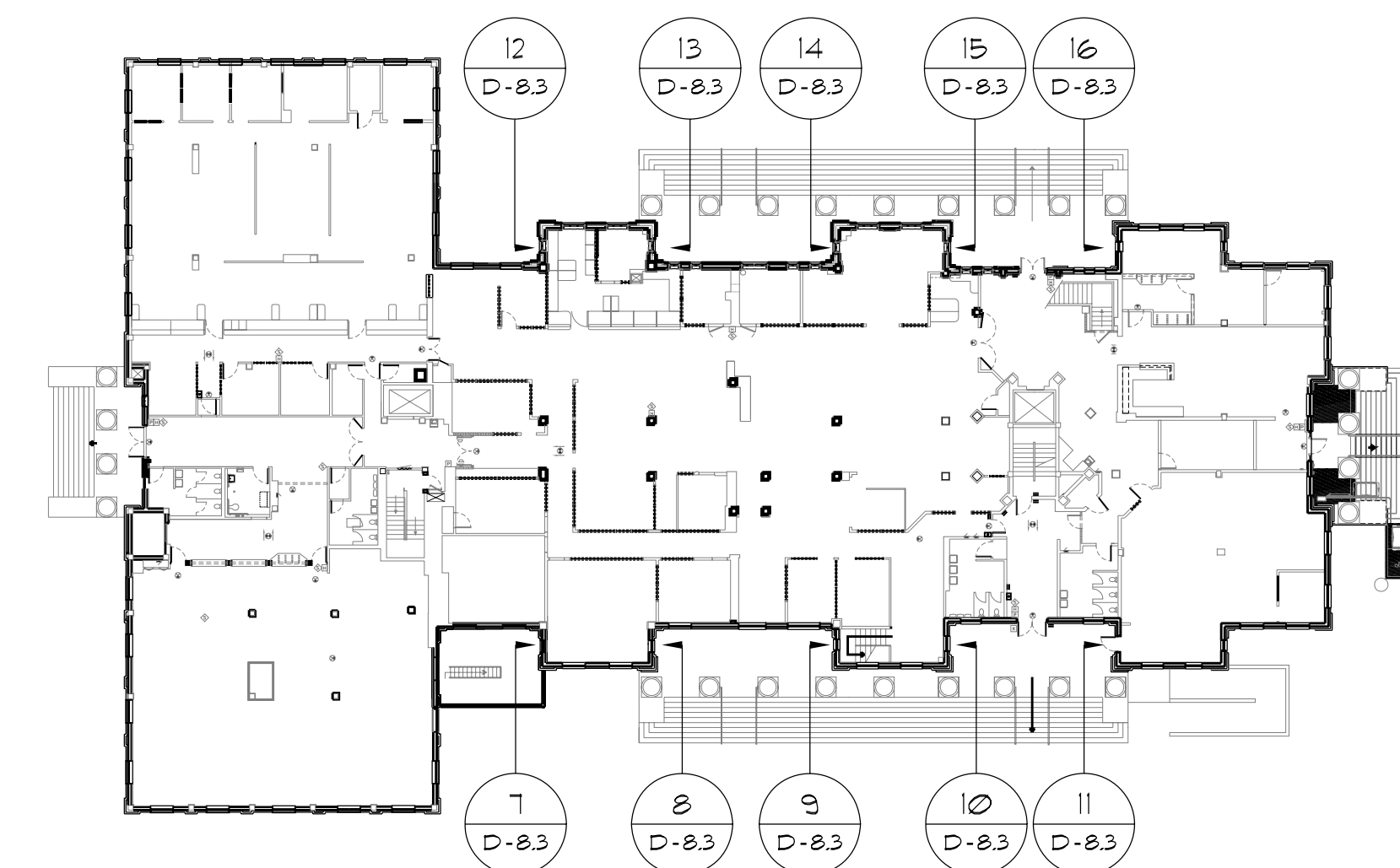
**12 SIDE LEGS**  
SCALE : 1/8" = 1'-0"

**13 SIDE LEGS**  
SCALE : 1/8" = 1'-0"

**14 SIDE LEGS**  
SCALE : 1/8" = 1'-0"

**15 SIDE LEGS**  
SCALE : 1/8" = 1'-0"

**16 SIDE LEGS**  
SCALE : 1/8" = 1'-0"



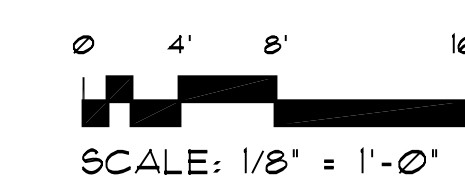
**KEY PLAN**  
SCALE : N.T.S.



**DEMOLITION TAG LEGEND :**

1	REMOVE EXISTING WINDOW
2	REMOVE EXISTING FLYWOOD BLOCKING OPENING
3	REMOVE EXISTING LINTEL FOR REFURBISHMENT/REPLACEMENT

**DEMOLITION ELEVATIONS**



**WINDOW DETAILS**

**JERRY N. ZOLLER**  
ARCHITECT / PLANNER  
AIA  
P.A.

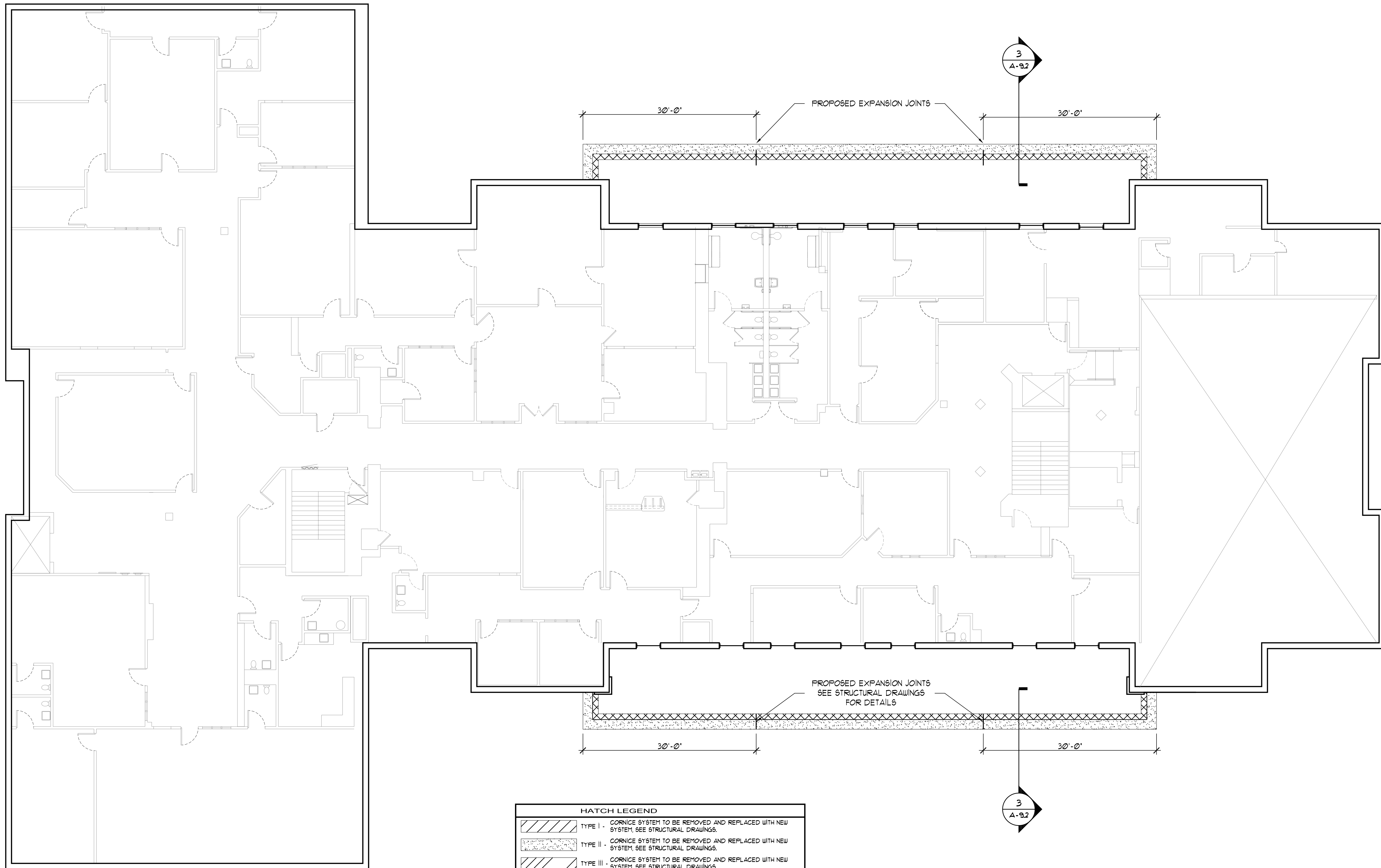
fl. reg. 5926

914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
1115 MANATEE AVENUE WEST  
BRADENTON, FLORIDA

job no	84541
date	09/21/10
drawn	DAB
checked	
revisions	

sheet  
**D-8.3**  
of



HATCH LEGEND	
	TYPE I - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM, SEE STRUCTURAL DRAWINGS.
	TYPE II - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM, SEE STRUCTURAL DRAWINGS.
	TYPE III - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM, SEE STRUCTURAL DRAWINGS.
	TYPE IV - EXISTING CORNICE TO REMAIN, NORTH END
	TYPE I, II, III - PARAPET TO BE REPLACED WITH THRU-WALL FLASHING AND MEMBRANE FLASHING UNDER NEW COPING
	TYPE IV - COPING TO BE REPLACED AND MEMBRANE FLASHING INSTALLED UNDER NEW COPING



**THIRD FLOOR PLAN**

SCALE : 1/8" = 1'-0"

fl. reg. 5926

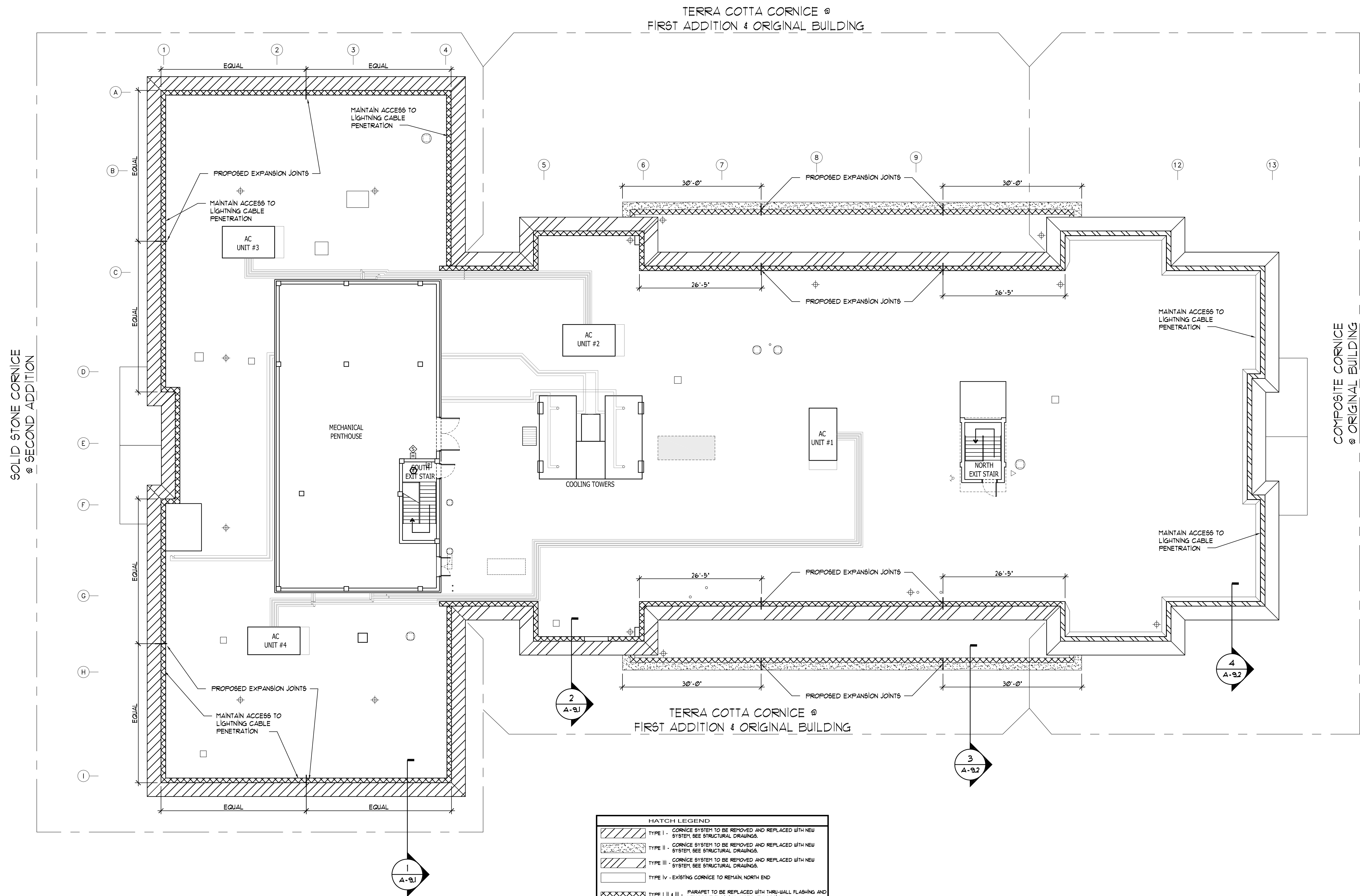
**AIA**  
**JERRY N. ZOLLER**  
 ARCHITECT / PLANNER  
 P.A.  
 914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

job no. 84341  
 date 09/21/10  
 drawn DAB  
 checked  
 revisions

sheet  
**A-3.3**  
 of





**HATCH LEGEND**

	TYPE I - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM. SEE STRUCTURAL DRAWINGS.
	TYPE II - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM. SEE STRUCTURAL DRAWINGS.
	TYPE III - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM. SEE STRUCTURAL DRAWINGS.
	TYPE IV - EXISTING CORNICE TO REMAIN NORTH END
	TYPE I, II & III - PARAPET TO BE REPLACED WITH THRU-WALL FLASHING AND MEMBRANE FLASHING UNDER NEW COPING.
	TYPE IV - COPING TO BE REPLACED AND MEMBRANE FLASHING INSTALLED UNDER NEW COPING.



**PENTHOUSE PLAN**  
SCALE : 3/32" = 1'-0"

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**

1115 MANATEE AVENUE WEST  
BRADENTON, FLORIDA

**JERRY N. ZOLLER**  
ARCHITECT / PLANNER

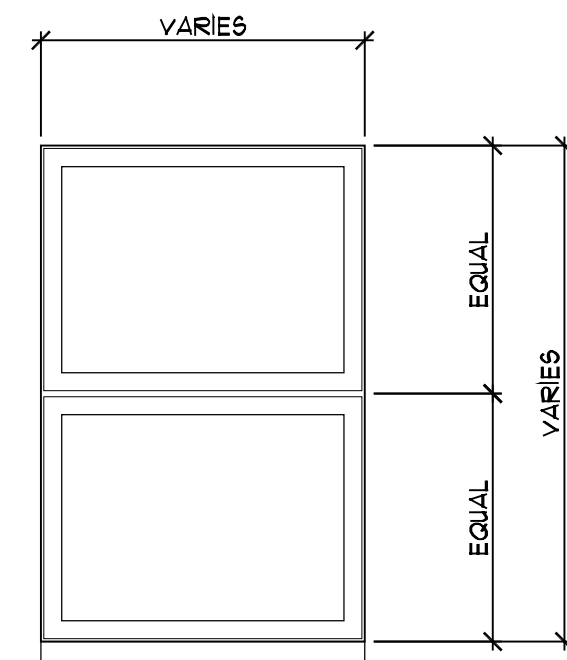
**AIA**  
P.A.

914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465  
fl. reg. 5926

job no. 84341  
date 09/21/10  
drawn DAB  
checked  
revisions  
sheet  
**A-3.4**  
of

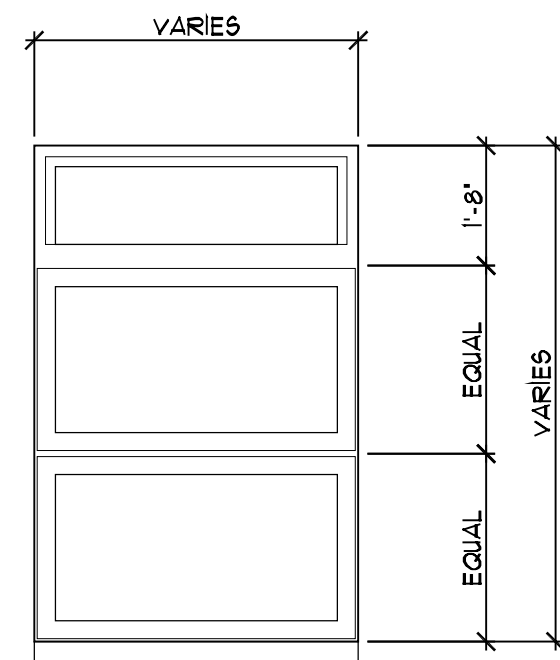






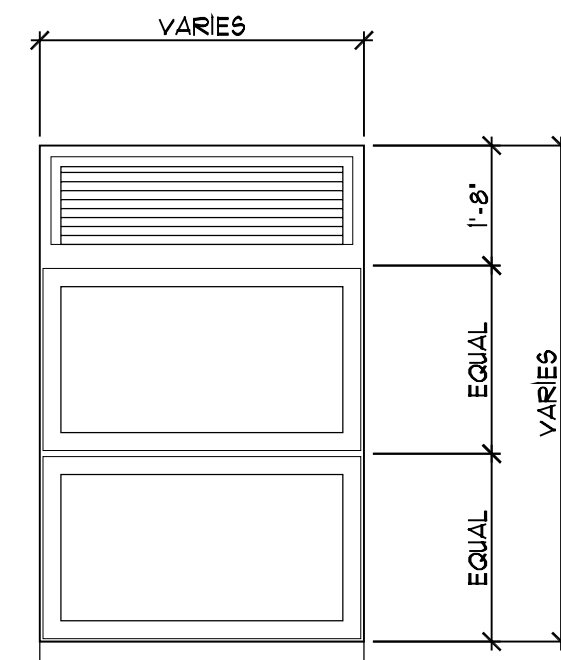
(A)

GGI WINDOWS & DOORS  
 SERIES 360 ALUMINUM SINGLE HUNG WINDOW  
 NOA No. 08-1208.06  
 APPROVAL DATE: FEBRUARY 11, 2009  
 EXPIRATION DATE: MAY 05, 2010



(B)

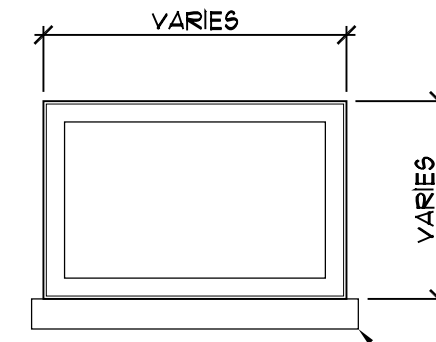
GGI WINDOWS & DOORS  
 SERIES 360 ALUMINUM SINGLE HUNG WINDOW  
 NOA No. 08-1208.06  
 APPROVAL DATE: FEBRUARY 11, 2009  
 EXPIRATION DATE: MAY 05, 2010



(C)

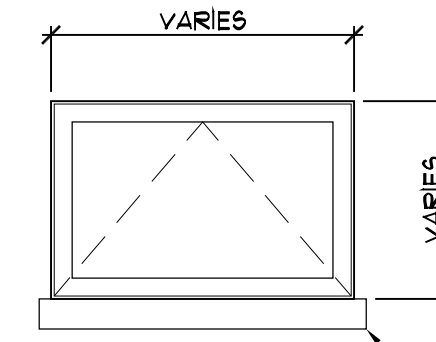
GREENHECK FAN CORPORATION  
 LOUVER MODEL: E5D-435X  
 FLORIDA PRODUCT APPROVAL No. FL6876.3  
 DATE APPROVED: FEBRUARY 02, 2010  
 IMPACT RESISTANT: YES  
 DESIGN PRESSURE: -200/-200

GGI WINDOWS & DOORS  
 SERIES 360 ALUMINUM SINGLE HUNG WINDOW  
 NOA No. 08-1208.06  
 APPROVAL DATE: FEBRUARY 11, 2009  
 EXPIRATION DATE: MAY 05, 2010



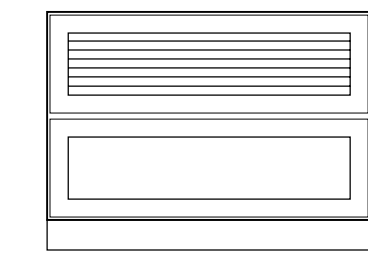
(D)

GGI WINDOWS & DOORS  
 SERIES 238 ALUMINUM FIXED WINDOW  
 NOA No. 08-114.06  
 APPROVAL DATE: FEBRUARY 18, 2009  
 EXPIRATION DATE: OCTOBER 26, 2013



(E)

GGI WINDOWS & DOORS  
 SERIES 738 ALUMINUM PROJECT OUT WINDOW  
 NOA No. 08-1010.03  
 APPROVAL DATE: DECEMBER 11, 2008  
 EXPIRATION DATE: OCTOBER 31, 2013



(F)

GREENHECK FAN CORPORATION  
 LOUVER MODEL: E5D-435X  
 FLORIDA PRODUCT APPROVAL No. FL6876.3  
 DATE APPROVED: FEBRUARY 02, 2010  
 IMPACT RESISTANT: YES  
 DESIGN PRESSURE: -200/-200

GGI WINDOWS & DOORS  
 SERIES 238 ALUMINUM FIXED WINDOW  
 NOA No. 08-114.06  
 APPROVAL DATE: FEBRUARY 18, 2009  
 EXPIRATION DATE: OCTOBER 26, 2013

## WINDOW TYPES

GENERAL WINDOW NOTES:

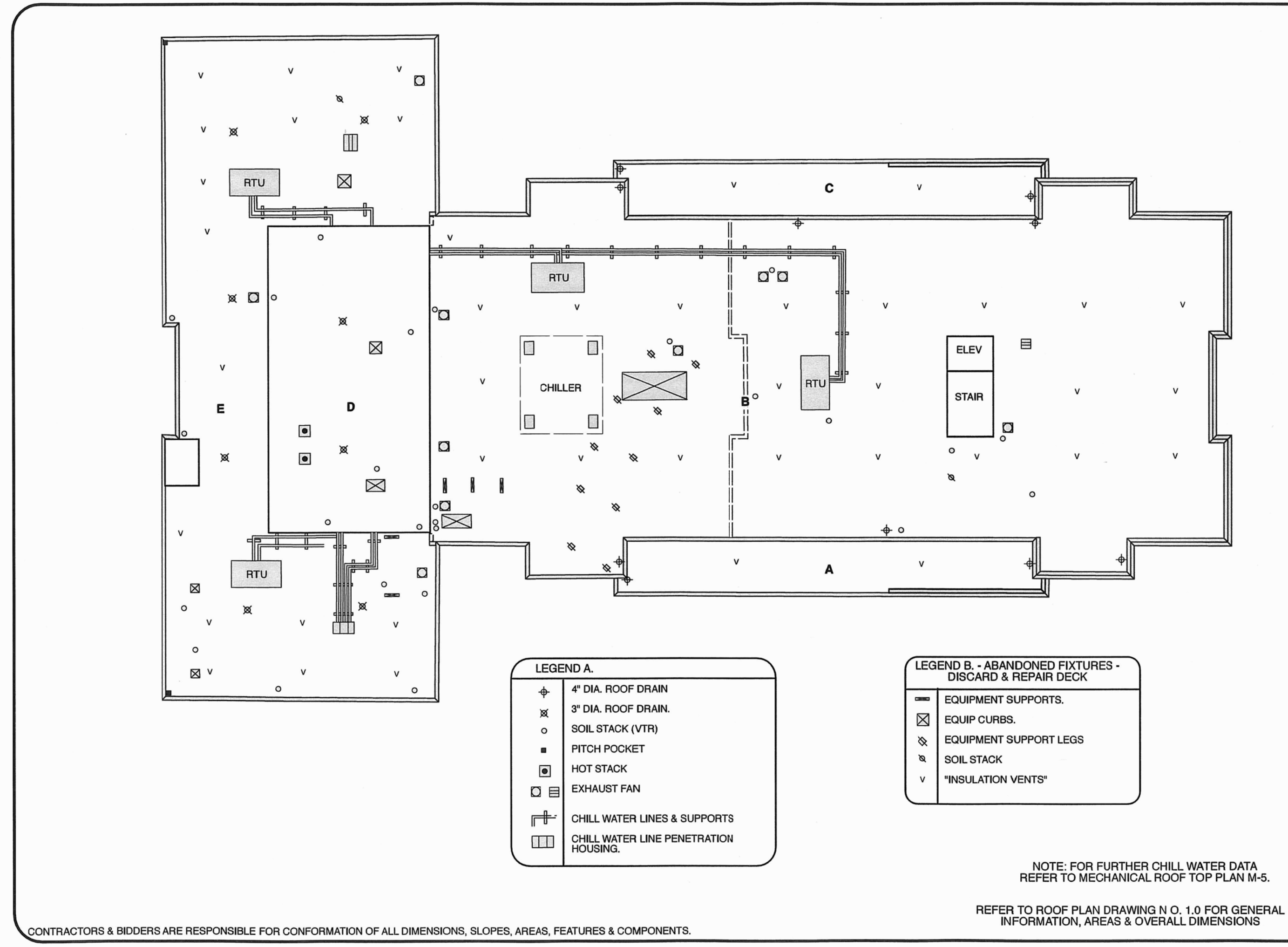
- ALL PROPOSED WINDOWS SHALL HAVE FLASHING INSTALLED. SEE DETAIL 4/A-91 FOR DETAILS.

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

**JERRY N. ZOLLER**  
 ARCHITECT / PLANNER  
 AIA  
 P.A.

job no. 84341  
 date 09/21/10  
 drawn DAB  
 checked JZ  
 revisions

sheet  
**A-4.2**  
 of



**D.H. GRACEY AND ASSOCIATES, INC.**  
5608 4TH AVENUE, N.W. BRADENTON, FL. 34209-1804  
PH: 941/792-5826  
FAX: 941/761-0829

**PROJECT**  
**HISTORIC COURTHOUSE**  
1115 Manatee Avenue, W. Bradenton, Florida 34205

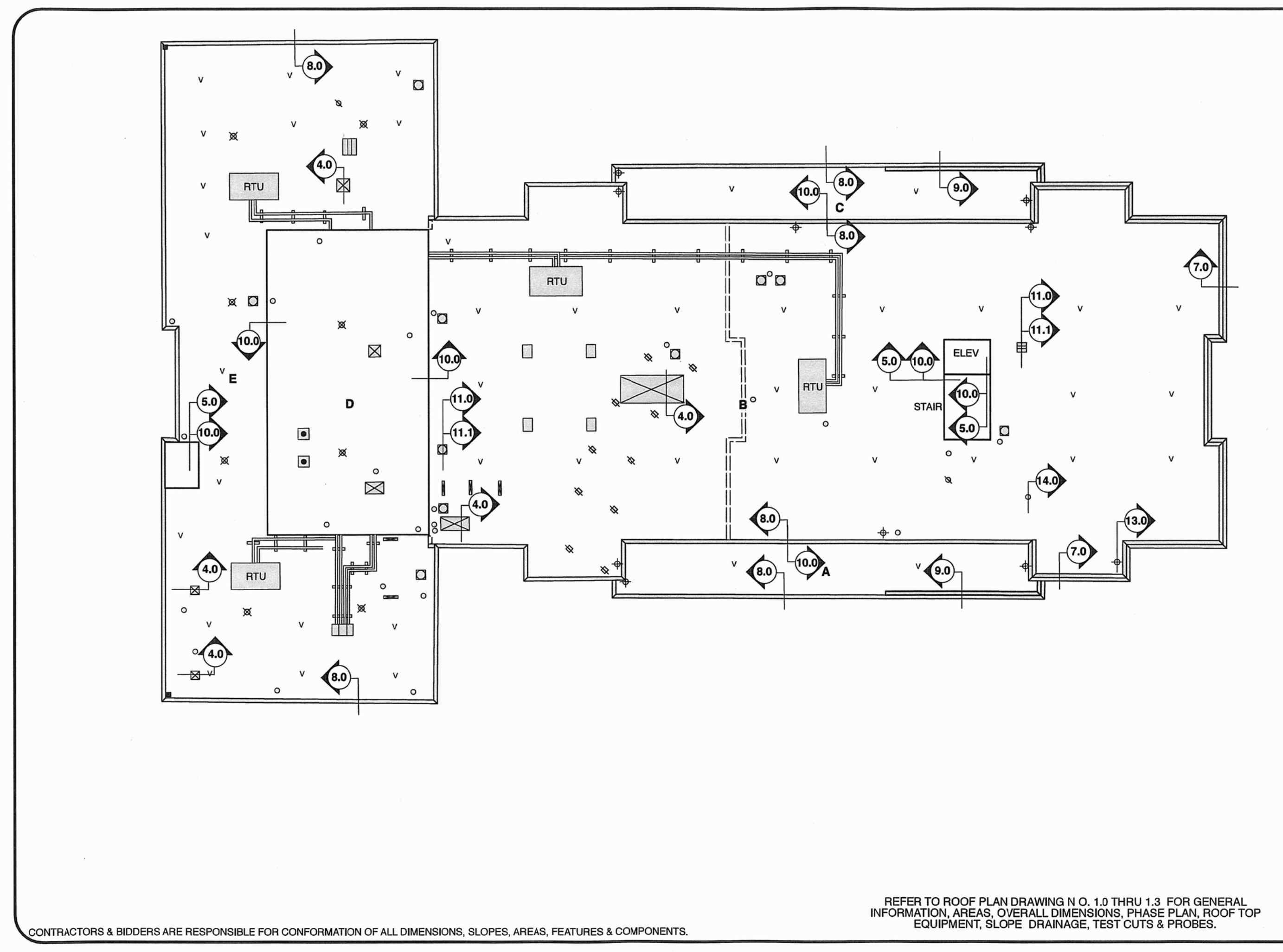
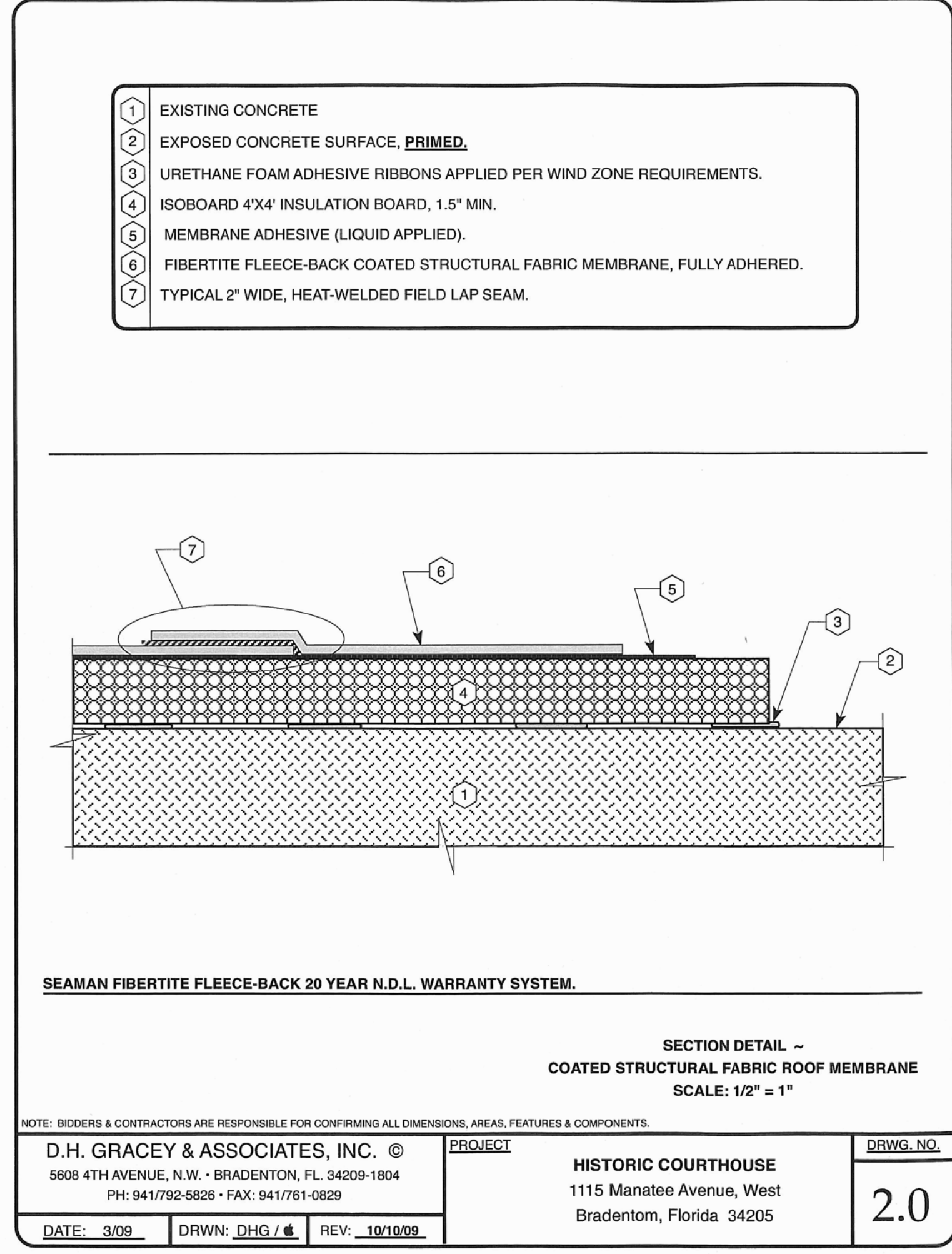
**TOPIC**  
**ROOF TOP EQUIPMENT; PROJECTIONS; PENETRATIONS**

**ROOF PLAN**  
SCALE: 1" = 20'(±)

DRAWN: DHG/J  
DATE: 2/18/09  
REVISED: 8/26/10

**NORTH**

**DRAWING NO.**  
**1.1**



**D.H. GRACEY AND ASSOCIATES, INC.**  
5608 4TH AVENUE, N.W. BRADENTON, FL. 34209-1804  
PH: 941/792-5826  
FAX: 941/761-0829

**PROJECT**  
**HISTORIC COURTHOUSE**  
1115 Manatee Avenue, W. Bradenton, Florida 34205

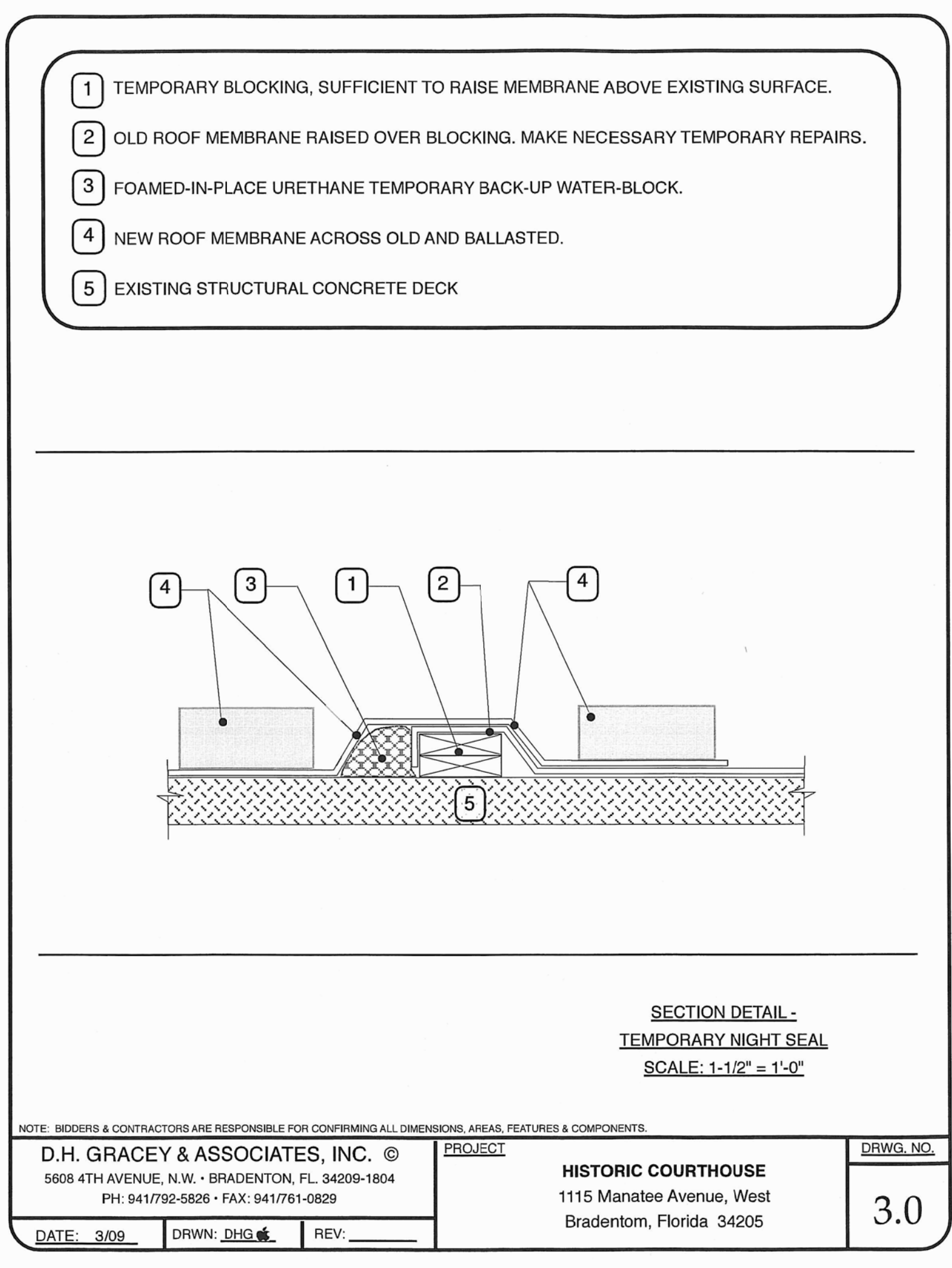
**TOPIC**  
**SECTION DETAILS REF: DETAIL DRAWINGS**

**ROOF PLAN**  
SCALE: 1" = 20'(±)

DRAWN: DHG/J  
DATE: 2/18/09  
REVISED: 8/26/10

**NORTH**

**DRAWING NO.**  
**1.4**



**JERRY N. ZOLLER**  
**ARCHITECT / PLANNER**  
 AIA  
 P.A.  
 914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

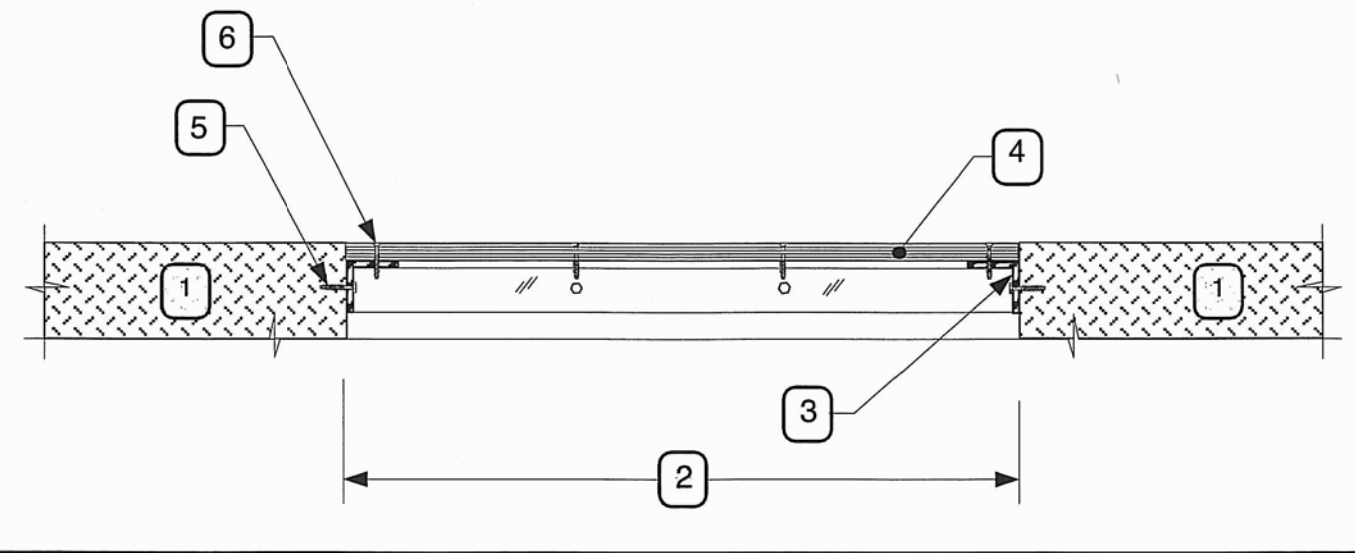
job no	84341
date	
drawn	DAB
checked	
revisions	
sheet	

**A-6.1**  
of

**ROOF DETAILS**



- 1 EXISTING ROOF DECK SURFACE & OPENING (VARIES) CLEARED OF OLD ROOFING & CURB MATERIALS.
- 2 ABANDONED CURB DECK OPENING.
- 3 NEW 1/4"x2" ALUMINUM ANGLE INSTALLED TO DECK OPENING TO OPENING INSIDE PERIMETER - 3/4" BELOW ROOF DECK SURFACE.
- 4 3/4" EXTERIOR GRADE PLYWOOD INSTALLED ON ALUMINUM ANGLE TO ENTIRE OPENING.
- 5 ANGLE SECURED WITH PRE-DRILLED 1/4"x1-1/2" STAINLESS STEEL CONCRETE SCREWS, OR WITH PRE-DRILLED 1/4"x1-1/2" ALUMINUM DRIVE PINS. FASTENERS 12" O/C OR CLOSER.
- 6 PLYWOOD SECURED WITH 1/4"x1-1/2" STAINLESS STEEL, SELF-DRILLING SCREWS. INSTALL 2 "H" CLIPS AT BUTT JOINTS.



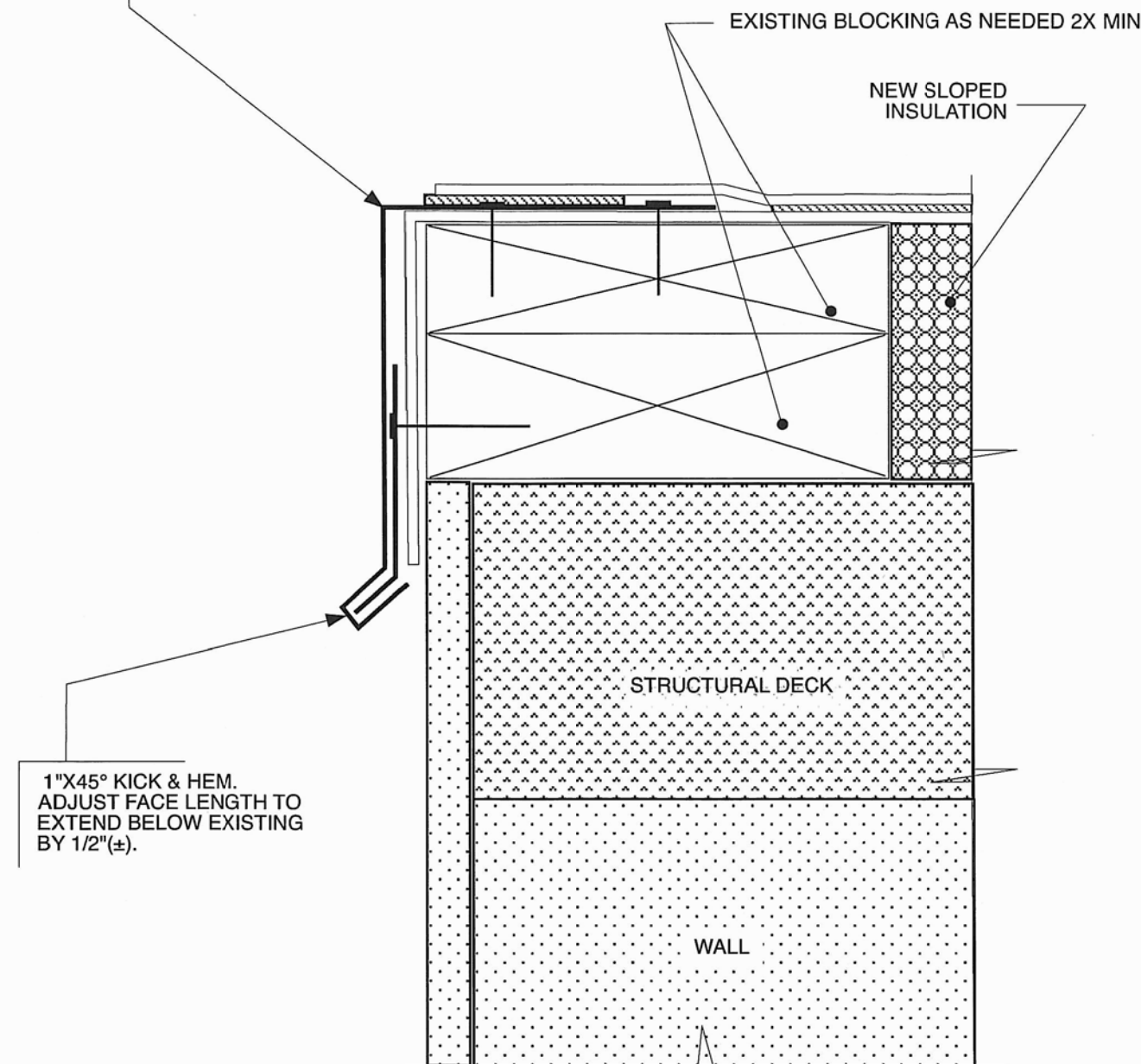
SECTION DETAIL -  
ABANDONED DECK CURB OPENING  
SCALE: 1-1/2" = 1'-0"

NOTE: BIDDERS & CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS, AREAS, FEATURES & COMPONENTS.

D.H. GRACEY & ASSOCIATES, INC. © 5608 4TH AVENUE, N.W. • BRADENTON, FL. 34209-1804 PH: 941/792-5826 • FAX: 941/761-0829	PROJECT <b>HISTORIC COURTHOUSE</b> 1115 Manatee Avenue, West Bradenton, Florida 34205	DRWG. NO. <b>4.0</b>
DATE: 9/2/10	DRWN: DHG / J	REV: _____

ALUMINUM CLAD METAL DRIP EDGE W/CONTINUOUS OUTSIDE FACE CLEAT. ATTACH 8" O/C W/1-1/2" STAINLESS STEEL, SPIRAL SHANK NAILS. COLOR: (OFF-WHITE?). PAINT TO BLEND WITH EXISTING.

DRIP EDGE METAL: DECK FLANGE - LAP SEAMS - 4", SET IN 5/8"(±) BEAD OF URETHANE SEALANT. FASTENERS: ATTACH DRIP EDGE DECK FLANGE - 4" TO 6" O/C MAX. W/1-1/2" STAINLESS STEEL, SPIRAL SHANK NAILS STAGGERED.

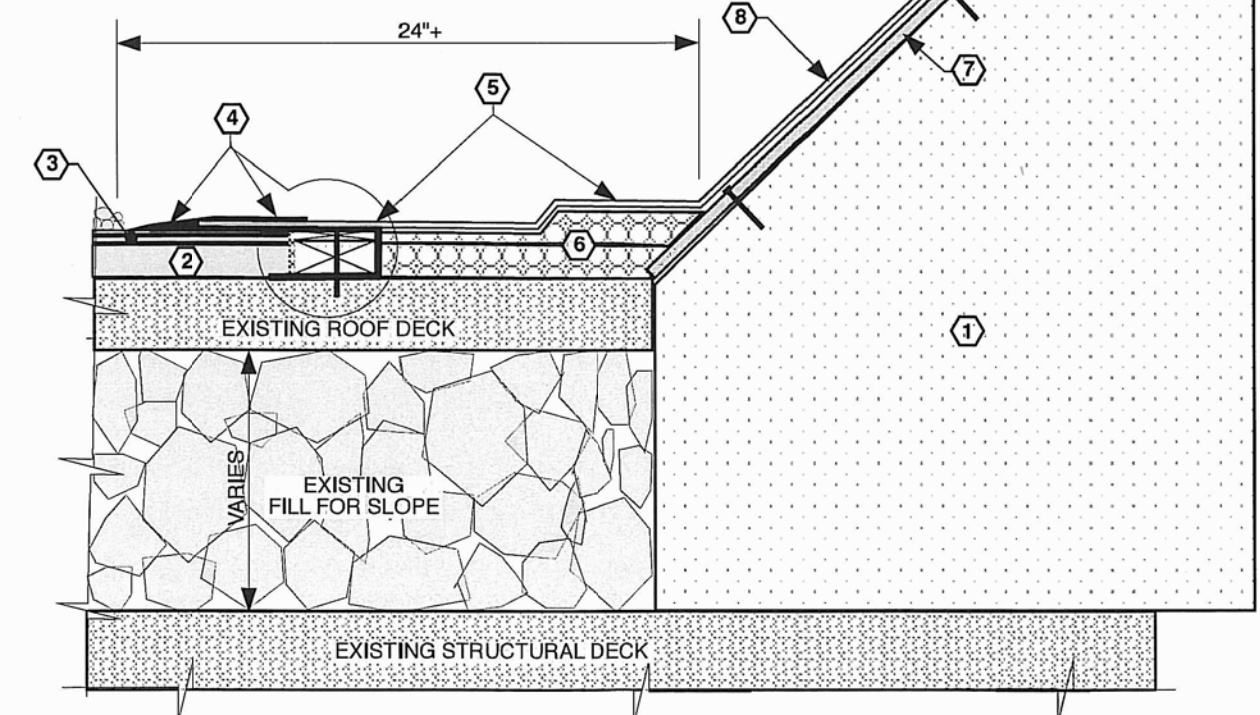


SECTION DETAIL -  
CLAD-METAL DRIP EDGE CLOSURE  
SCALE: 1/2" = 1'-0"

NOTE: BIDDERS & CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS, AREAS, FEATURES & COMPONENTS.

D.H. GRACEY & ASSOCIATES, INC. © 5608 4TH AVENUE, N.W. • BRADENTON, FL. 34209-1804 PH: 941/792-5826 • FAX: 941/761-0829	PROJECT <b>HISTORIC COURTHOUSE</b> 1115 Manatee Avenue, West Bradenton, Florida 34205	DRWG. NO. <b>5.0</b>
DATE: 3/09	DRWN: DHG / J	REV: 9/8/10

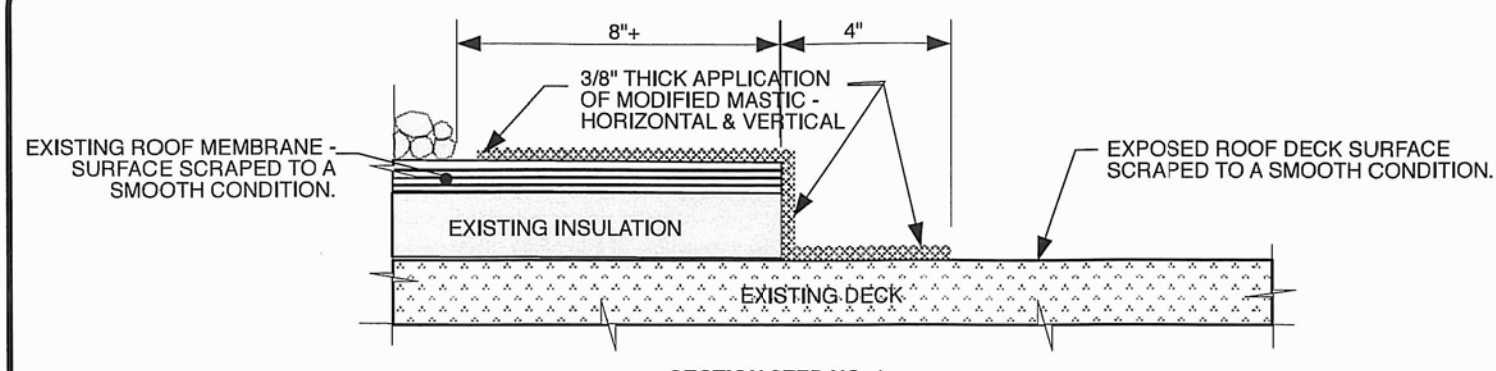
- 1 REFER TO 'CORNICER REPAIR TYPE III' JERRY N. ZOLLER ARCHITECT / PLANNER; DETAIL DRAWING SHEET A-6.1.
- 2 EXISTING ROOF INSULATION
- 3 EXISTING BUILT-UP ROOF SURFACE SCRAPED SMOOTH & CLEAN - MIN. 24" OUT FROM PARAPET BASE.
- 4 REF: DETAIL DRAWING NO. 7.0 FOR TIE-IN & WATER-STOP.
- 5 NEW MEMBRANE FLASHING HORIZONTAL LEG - MIN. 12" - NOT ADHERED, EXCEPT PER ITEM #4.
- 6 TEMPORARY FILL INSULATION EVEN W/TOP OF NEW ROOF SYSTEM.
- 7 EXISTING FLASHING MATERIALS (NOT SHOWN) SHALL REMAIN IN PLACE. NEW FLASHING BACKER BOARD SHALL BE: 1/2" #1 EXTERIOR GRADE PLYWOOD. ATTACH: TOP & BOTTOM & 12"(±) IN FIELD W/1/4"x1-1/2" ALUMINUM DRIVE PINS.
- 8 FIBERTITE MEMBRANE (45 MIL SMOOTH) FULLY ADHERED TO BACKER BOARD WITH 190 ADHESIVE. MEMBRANE TO BE OVER PARAPET TOP & DOWN OUTSIDE FACE 1'-2".
- 9 TYPICAL MEMBRANE FIELD HEAT-WELD.
- 10 NEW THRU-WALL COPPER COPING CAP OVER TOP OF MEMBRANE.



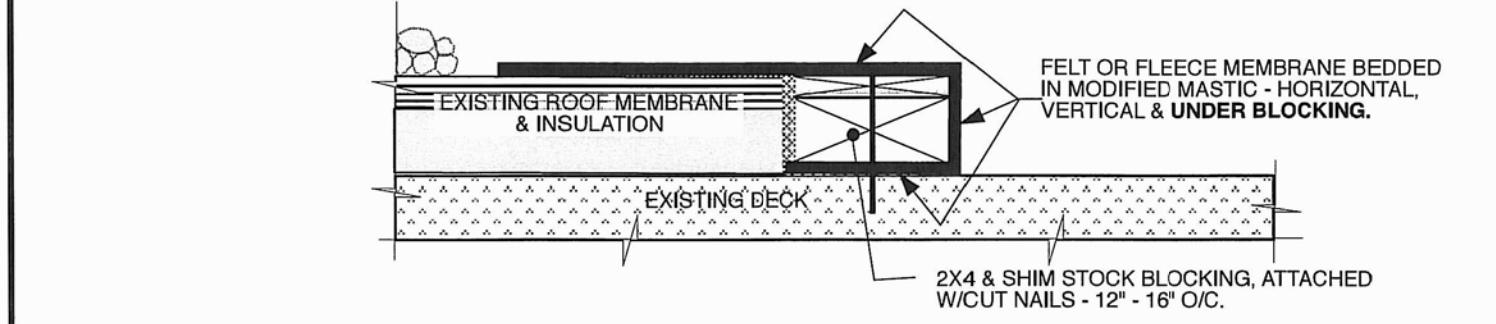
SECTION DETAIL  
PARAPET - TEMPORARY WATER STOP / TIE-IN.  
SCALE: 1-1/2" = 1'-0"(±)

NOTE: BIDDERS & CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS, AREAS, FEATURES & COMPONENTS.

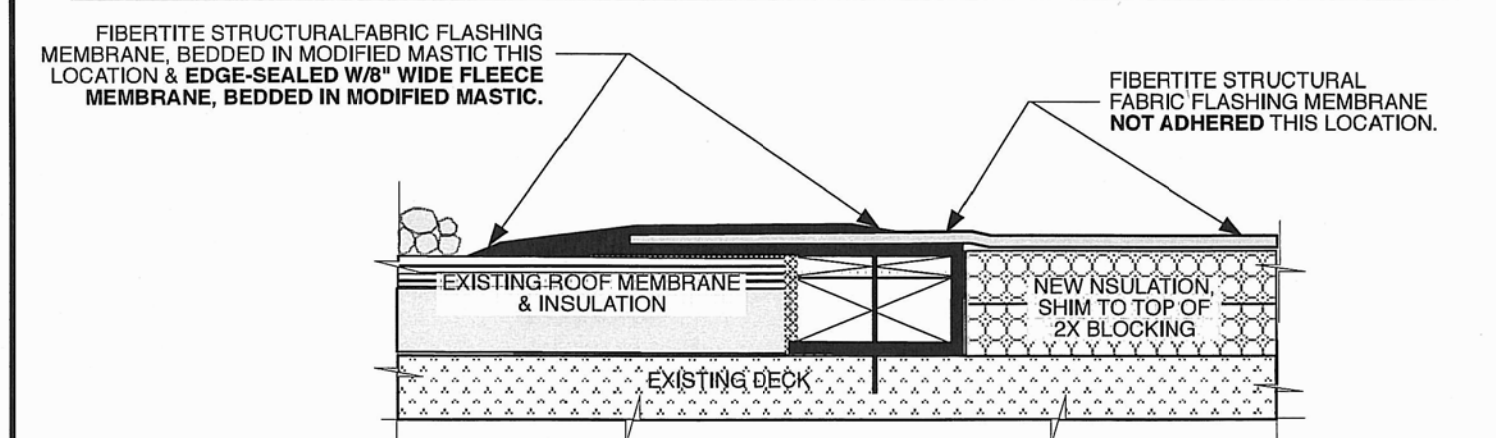
D.H. GRACEY & ASSOCIATES, INC. © 5608 4TH AVENUE, N.W. • BRADENTON, FL. 34209-1804 PH: 941/792-5826 • FAX: 941/761-0829	PROJECT <b>HISTORIC COURTHOUSE</b> 1115 Manatee Avenue, West Bradenton, Florida 34205	DRWG. NO. <b>6.0</b>
DATE: 5/11/10	DRWN: DHG / J	REV: 9/8/10



SECTION STEP NO. 1



SECTION STEP NO. 2  
(REF: STEP NO. 1 FOR OTHER DETAILS)



SECTION STEP NO. 3  
(REF: STEP NO'S. 1 & 2 FOR OTHER DETAILS)

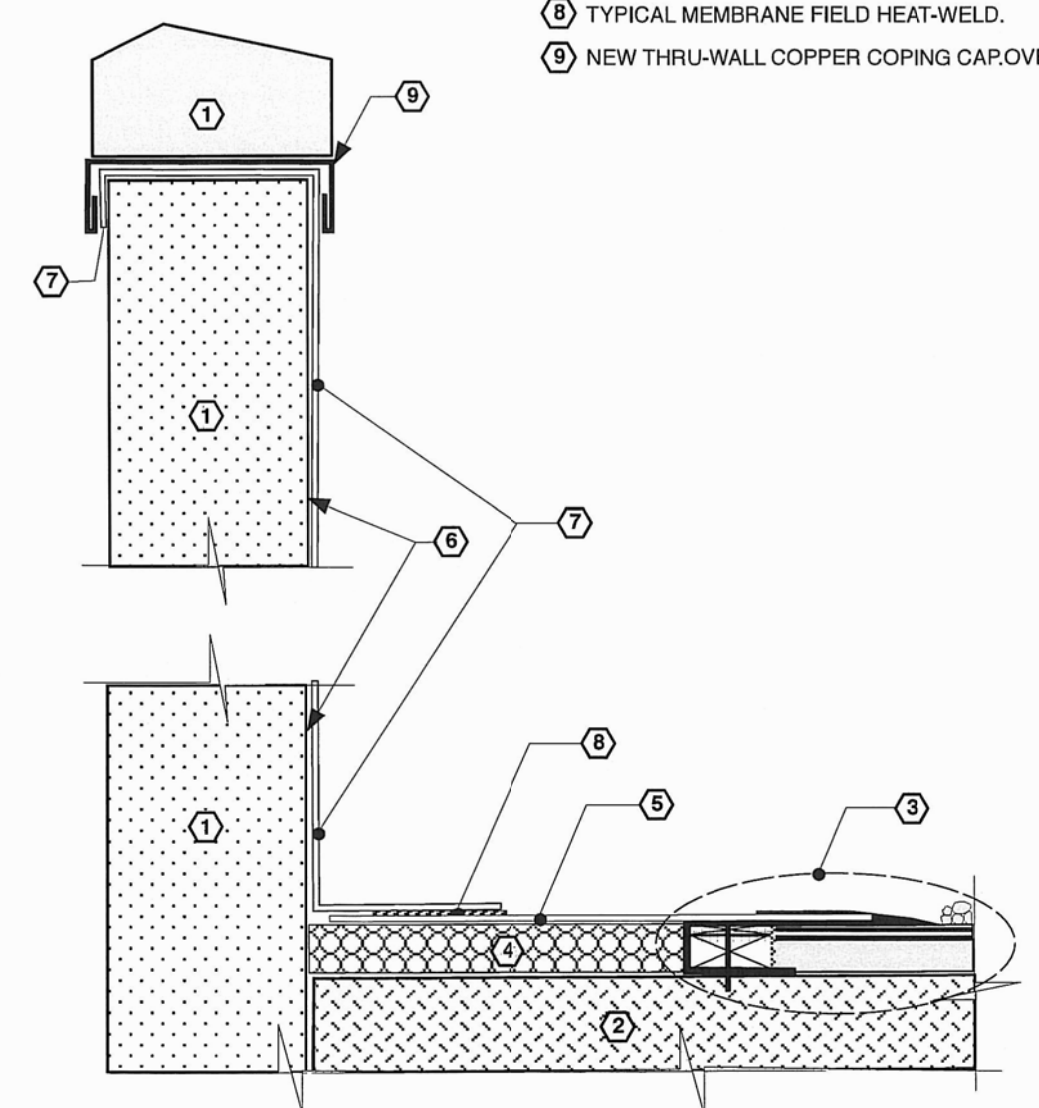
REFER TO ROOF PLAN DRAWING NO. 1.2 FOR NEW ROOF ESTIMATED THICKNESS  
REFER TO DETAIL DRAWING 6.0 FOR FULL DETAIL.

SECTION DETAIL  
TEMPORARY WATER-STOP  
SCALE: 3" = 1'-0"(±)

NOTE: BIDDERS & CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS, AREAS, FEATURES & COMPONENTS.

D.H. GRACEY & ASSOCIATES, INC. © 5608 4TH AVENUE, N.W. • BRADENTON, FL. 34209-1804 PH: 941/792-5826 • FAX: 941/761-0829	PROJECT <b>HISTORIC COURTHOUSE</b> 1115 Manatee Avenue, West Bradenton, Florida 34205	DRWG. NO. <b>7.0</b>
DATE: 5/12/10	DRWN: DHG / J	REV: 9/8/10

- 1 NEW CORNICER/PARAPET ASSEMBLY.
- 2 ROOF AREA B, ONLY: EXISTING (TOP) CONCRETE ROOF DECK. ALL OTHER ROOF AREAS: MAIN STRUCTURAL ROOF DECK.
- 3 REF: DETAIL DRAWINGS NO'S. 6.0 & 7.0 FOR TIE-IN & WATER-STOP.
- 4 NEW ISOBOARD INSULATION
- 5 FIBERTITE MEMBRANE 45 MIL FULLY ADHERED TO ISOBOARD INSULATION.
- 6 CONCRETE & CONCRETE BLOCK SURFACE CLEANED & LIGHTLY PARGE COATED W/MORTAR TO FILL VOIDS LARGER THAN 1/4".
- 7 FIBERTITE MEMBRANE (45 MIL SMOOTH) FULLY ADHERED TO BACKER BOARD WITH 190 ADHESIVE. MEMBRANE TO BE OVER PARAPET TOP & DOWN OUTSIDE FACE 1'-2".
- 8 TYPICAL MEMBRANE FIELD HEAT-WELD.
- 9 NEW THRU-WALL COPPER COPING CAP OVER TOP OF MEMBRANE.

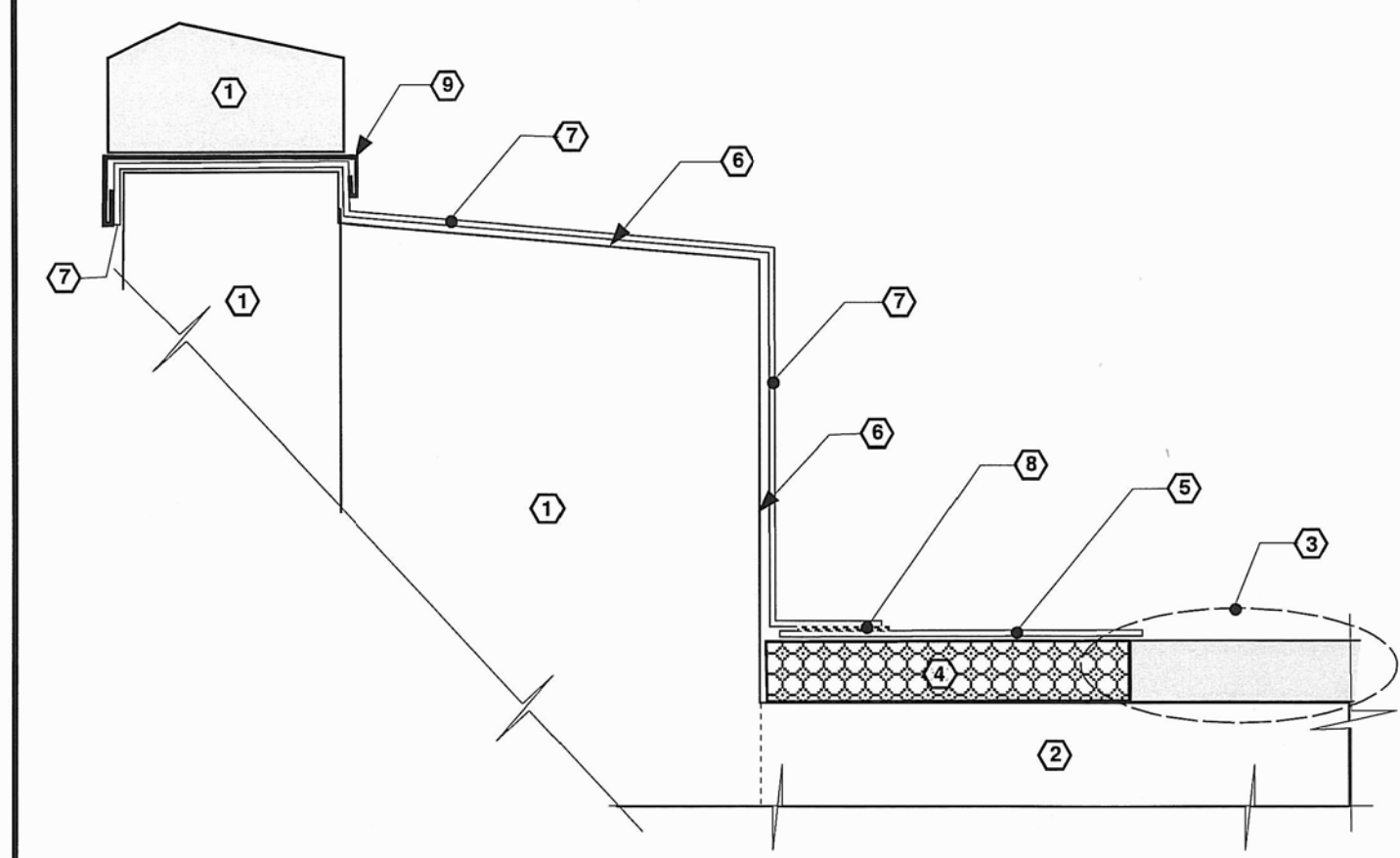


SECTION DETAIL - COATED FABRIC  
ROOF PARAPET & COPING  
SCALE: 1-1/2" = 1'-0"

NOTE: BIDDERS & CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS, AREAS, FEATURES & COMPONENTS.

D.H. GRACEY & ASSOCIATES, INC. © 5608 4TH AVENUE, N.W. • BRADENTON, FL. 34209-1804 PH: 941/792-5826 • FAX: 941/761-0829	PROJECT <b>HISTORIC COURTHOUSE</b> 1115 Manatee Avenue, West Bradenton, Florida 34205	DRWG. NO. <b>8.0</b>
DATE: 3/09	DRWN: DHG / J	REV: 9/8/10

- 1 NEW CORNICER/PARAPET ASSEMBLY.
- 2 STRUCTURAL ROOF DECK.
- 3 REF: DETAIL DRAWINGS NO'S. 6.0 & 7.0 FOR TIE-IN & WATER-STOP.
- 4 NEW ISOBOARD INSULATION
- 5 FIBERTITE MEMBRANE 45 MIL FULLY ADHERED TO ISOBOARD INSULATION.
- 6 CONCRETE & CONCRETE BLOCK SURFACE CLEANED & LIGHTLY PARGE COATED W/MORTAR TO FILL VOIDS LARGER THAN 1/4".
- 7 FIBERTITE MEMBRANE (45 MIL SMOOTH) FULLY ADHERED TO BACKER BOARD WITH 190 ADHESIVE. MEMBRANE TO BE OVER PARAPET TOP & DOWN OUTSIDE FACE 1'-2".
- 8 TYPICAL MEMBRANE FIELD HEAT-WELD.
- 9 NEW THRU-WALL COPPER COPING CAP OVER TOP OF MEMBRANE.



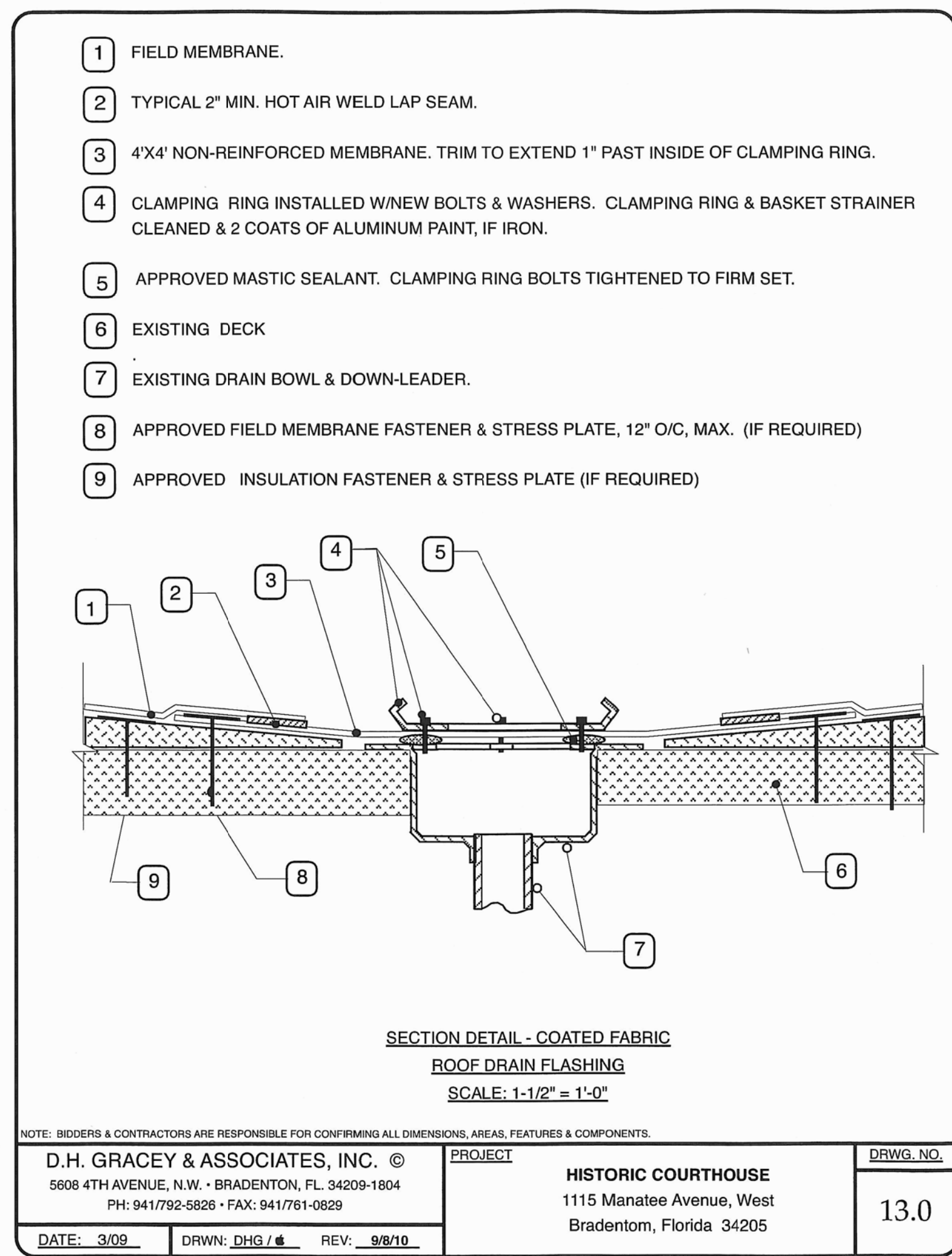
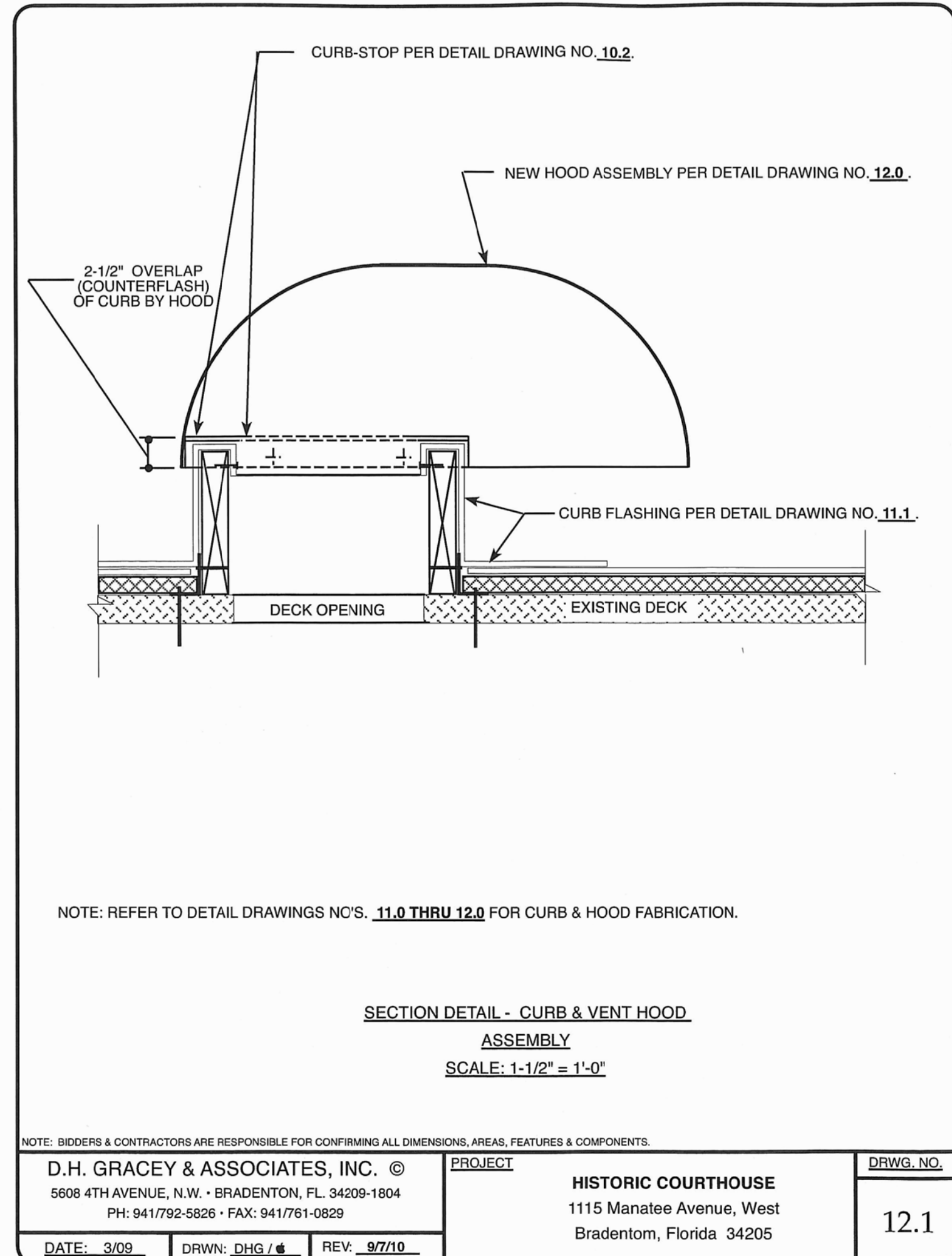
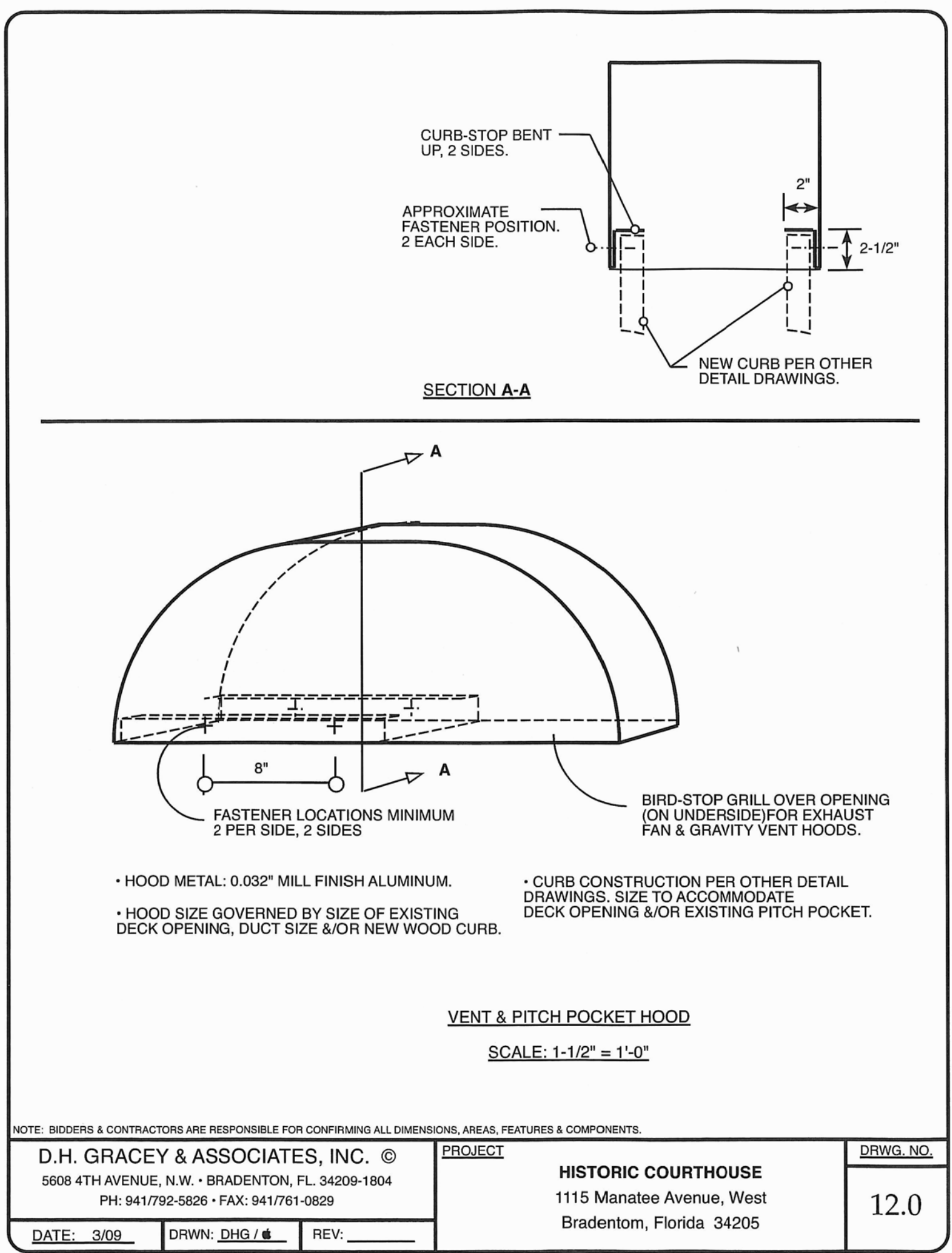
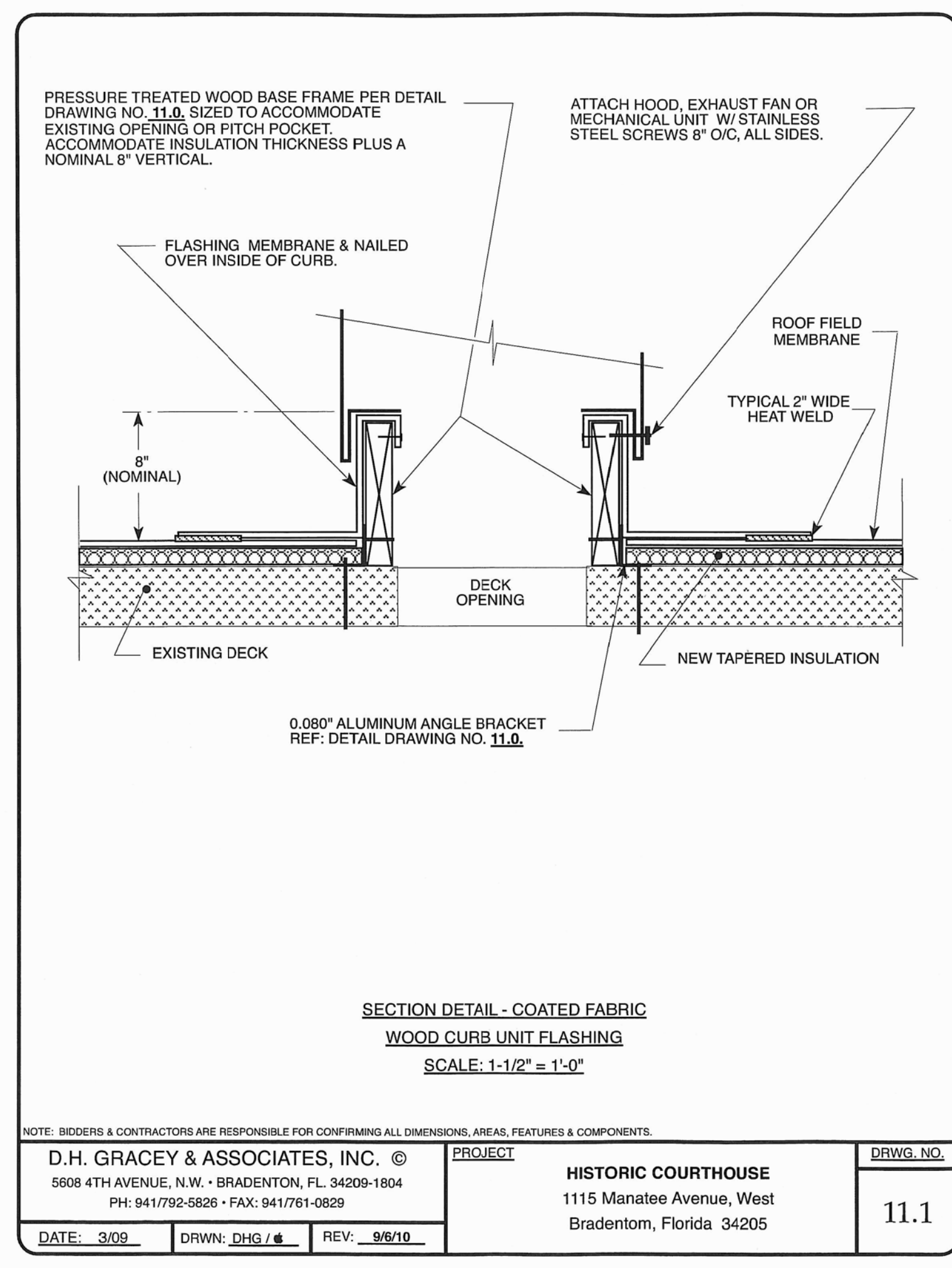
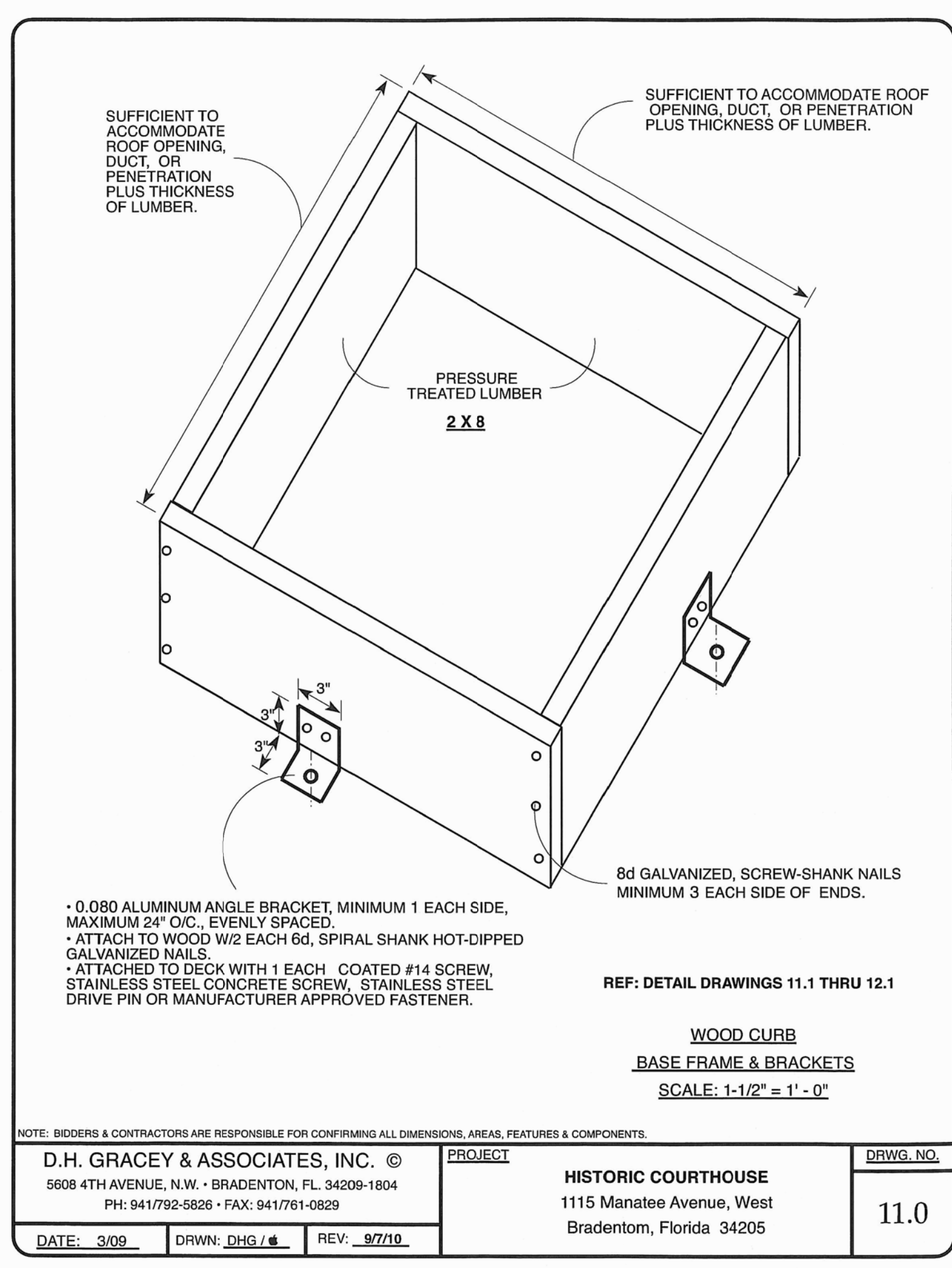
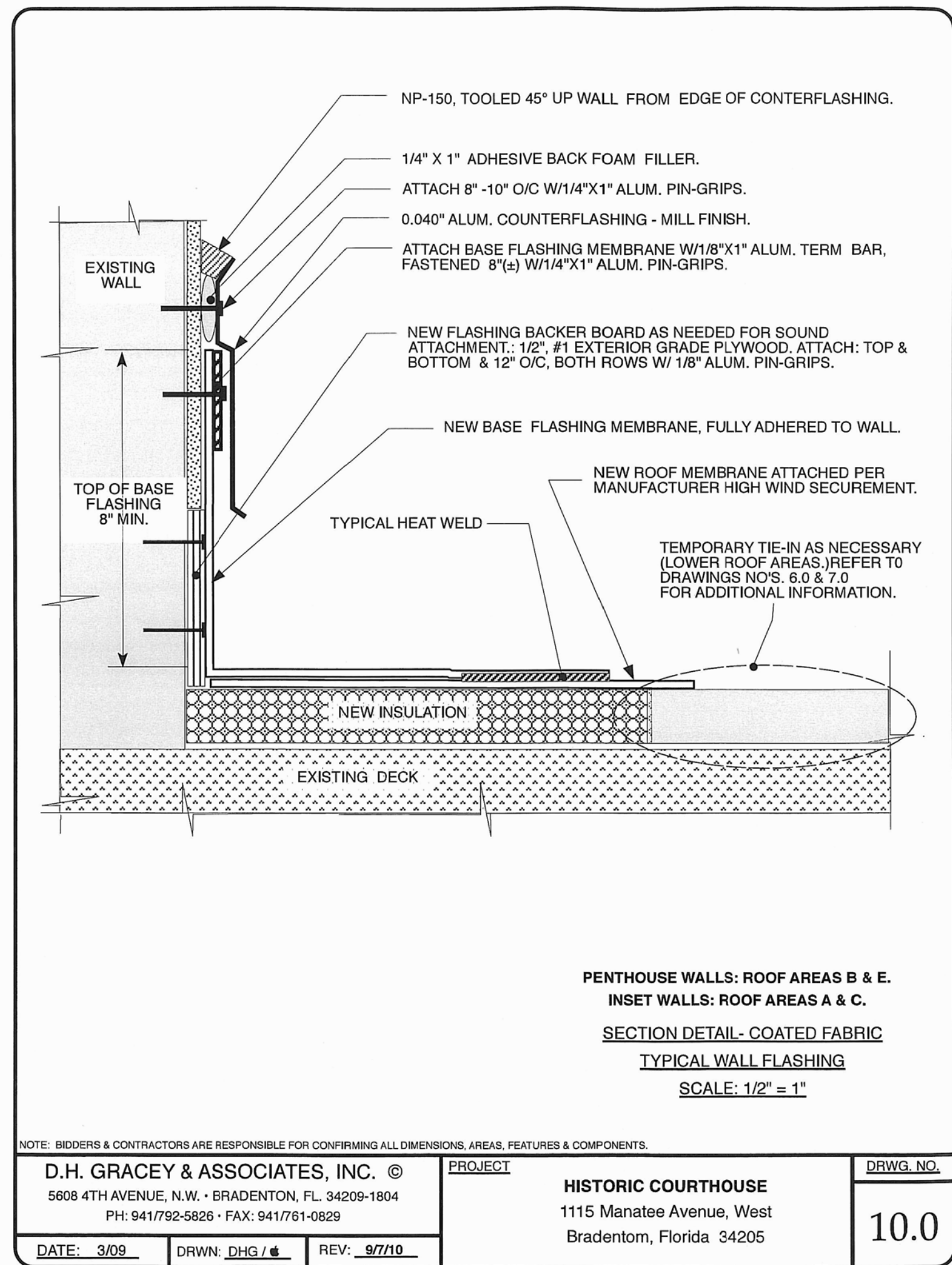
SECTION DETAIL - COATED FABRIC  
PARAPET FLASHING  
SCALE: 1-1/2" = 1'-0"

NOTE: BIDDERS & CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS, AREAS, FEATURES & COMPONENTS.

D.H. GRACEY & ASSOCIATES, INC. © 5608 4TH AVENUE, N.W. • BRADENTON, FL. 34209-1804 PH: 941/792-5826 • FAX: 941/761-0829	PROJECT <b>HISTORIC COURTHOUSE</b> 1115 Manatee Avenue, West Bradenton, Florida 34205	DRWG. NO. <b>9.0</b>
DATE: 3/09	DRWN: DHG / J	REV: 9/8/10

job no	84341
date	
drawn	DAB
checked	
revisions	
sheet	





**JERRY N. ZOLLER**  
**ARCHITECT / PLANNER**  
 AIA  
 P.A.  
 914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

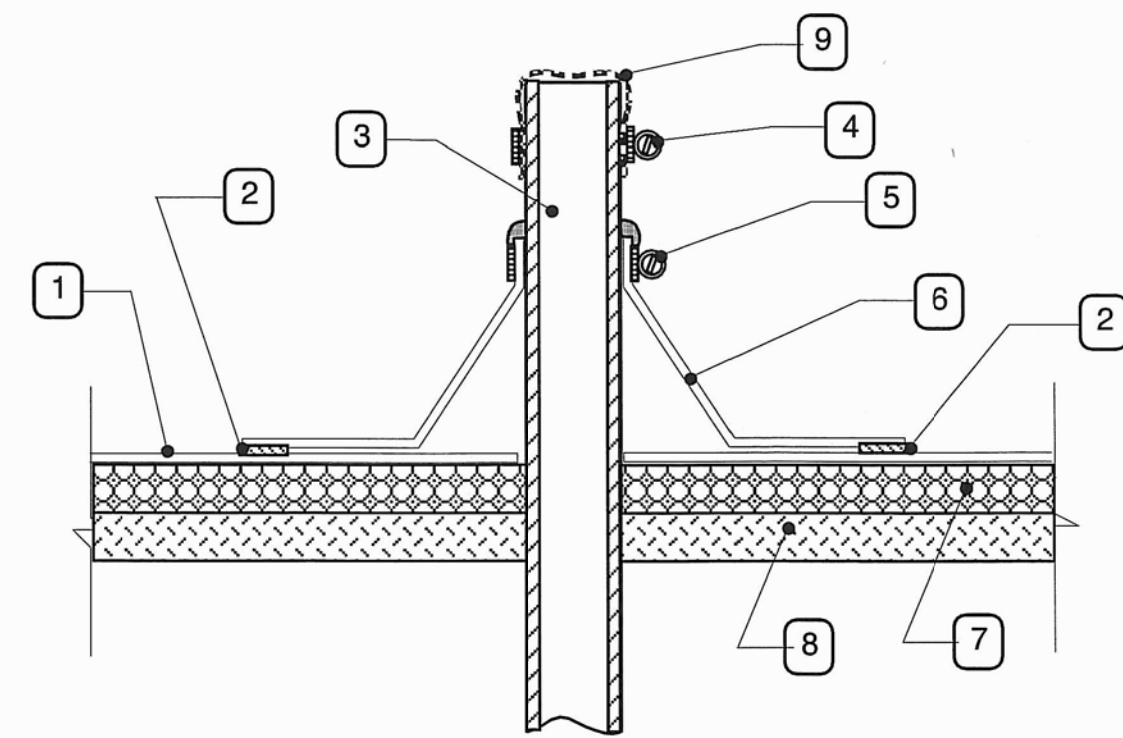
job no	84341
date	
drawn	DAB
checked	
revisions	
sheet	

**A-6.3**  
of

**ROOF DETAILS**



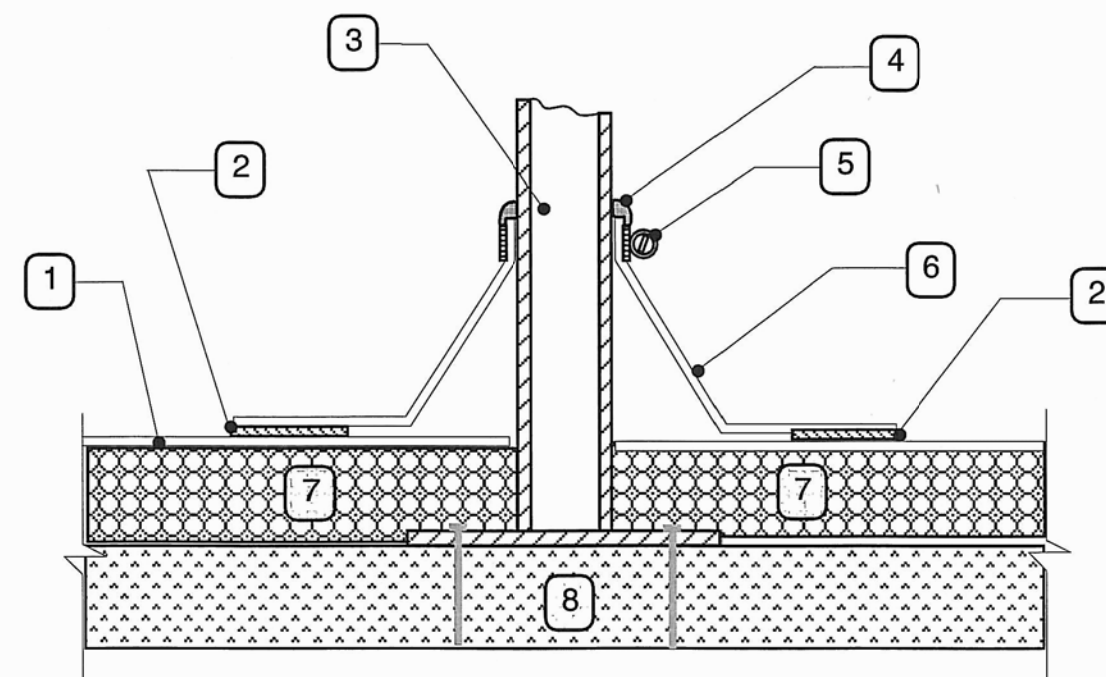
- 1 FIELD MEMBRANE.
- 2 2" MIN. HOT AIR WELD LAP SEAM.
- 3 EXISTING STACK UNIT.
- 4 APPROVED MASTIC SEALANT.
- 5 300 SERIES STAINLESS STEEL WORM-GEAR CLAMP (DRAW BAND).
- 6 PERFORMED STACK FLASHING UNIT, MANUFACTURER SUPPLIED.
- 7 INSULATION
- 8 EXISTING DECK.
- 9 VERMIN SCREEN (1/4" SQUARE GRID SS HARDWARE CLOTH) SECURED W/SS DRAW-BAND.



SECTION DETAIL - PERFORMED PIPE /PENETRATION FLASHING  
SCALE: 1-1/2" = 1'-0"

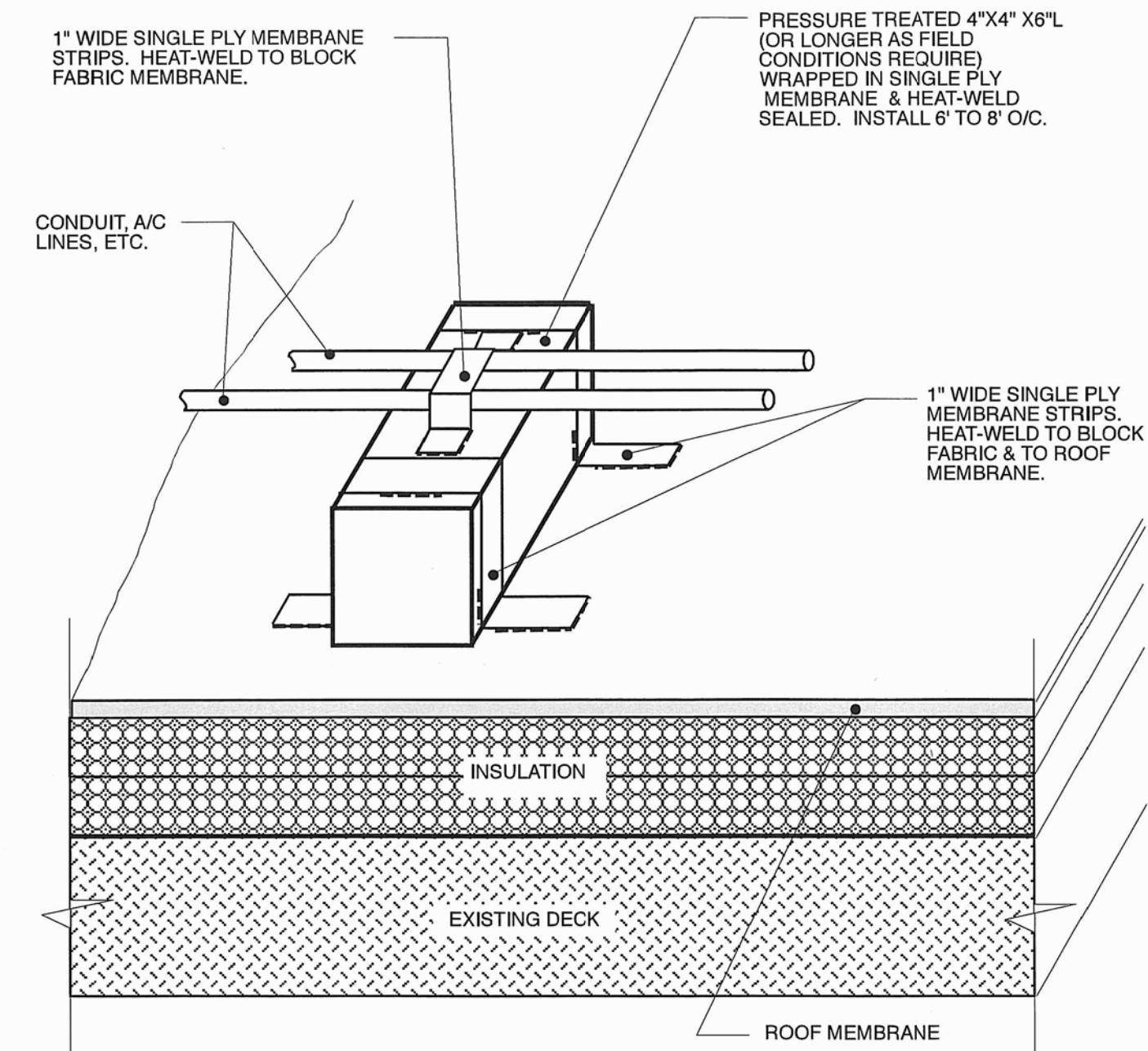
NOTE: BIDDERS & CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS, AREAS, FEATURES & COMPONENTS.		PROJECT	DRWG. NO.
D.H. GRACEY & ASSOCIATES, INC. © 5608 4TH AVENUE, N.W. • BRADENTON, FL. 34209-1804 PH: 941/792-5826 • FAX: 941/761-0829		HISTORIC COURTHOUSE 1115 Manatee Avenue, West Bradenton, Florida 34205	14.0
DATE: 3/09	DRWN: DHG / #	REV: 9/8/10	

- 1 FIELD MEMBRANE.
- 2 2" MIN. HOT AIR WELD LAP SEAM.
- 3 TUBULAR STANCHION LEG
- 4 APPROVED NP-150 SEALANT.
- 5 300 SERIES STAINLESS STEEL WORM-GEAR CLAMP.
- 6 PERFORMED STACK FLASHING UNIT, MANUFACTURER SUPPLIED.
- 7 INSULATION
- 8 EXISTING DECK/SUBSTRATE.



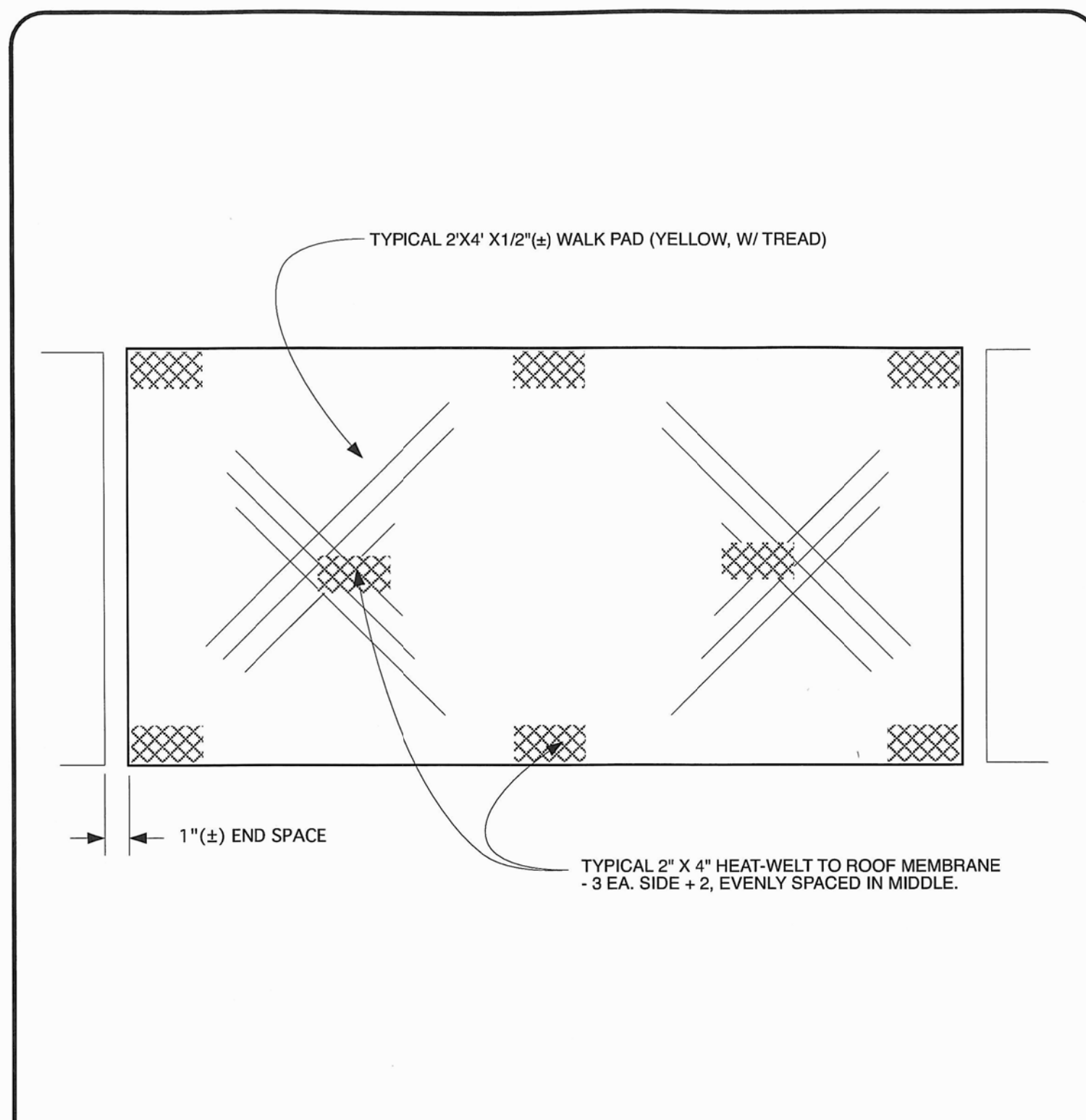
SECTION DETAIL - PERFORMED STANCHION FLASHING  
SCALE: 1-1/2" = 1'-0"

NOTE: BIDDERS & CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS, AREAS, FEATURES & COMPONENTS.		PROJECT	DRWG. NO.
D.H. GRACEY & ASSOCIATES, INC. © 5608 4TH AVENUE, N.W. • BRADENTON, FL. 34209-1804 PH: 941/792-5826 • FAX: 941/761-0829		HISTORIC COURTHOUSE 1115 Manatee Avenue, West Bradenton, Florida 34205	15.0
DATE: 3/09	DRWN: DHG / #	REV: 9/7/10	



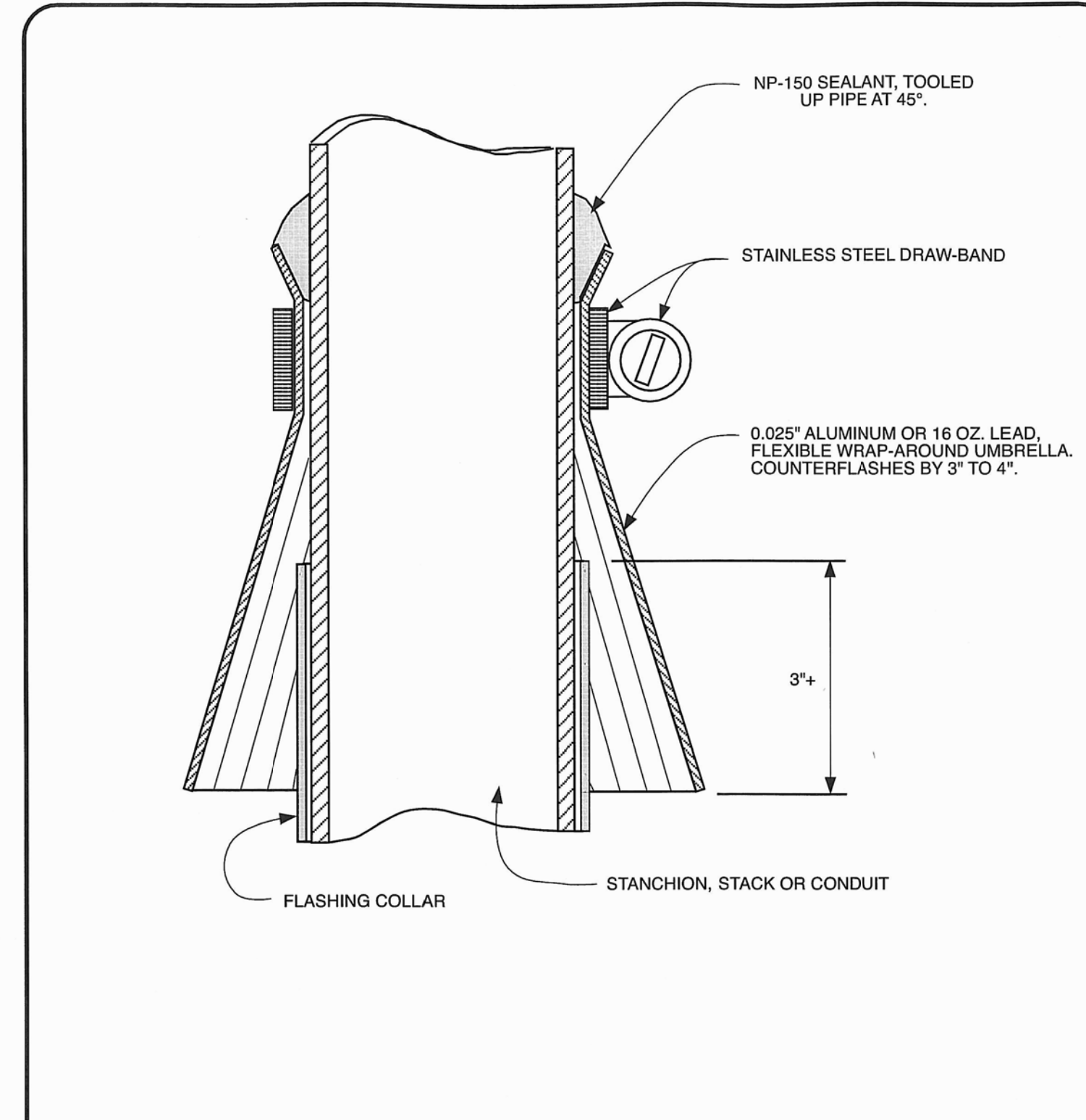
ISOMETRIC DETAIL -  
PIPE & CONDUIT SUPPORT (SMALL)  
SCALE: 3" = 1'-0"

NOTE: BIDDERS & CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS, AREAS, FEATURES & COMPONENTS.		PROJECT	DRWG. NO.
D.H. GRACEY & ASSOCIATES, INC. © 5608 4TH AVENUE, N.W. • BRADENTON, FL. 34209-1804 PH: 941/792-5826 • FAX: 941/761-0829		HISTORIC COURTHOUSE 1115 Manatee Avenue, West Bradenton, Florida 34205	16.0
DATE: 3/09	DRWN: DHG / #	REV: 9/8/10	



DETAIL -  
PROTECTION BOARD INSTALLATION  
SCALE: 1/2" = 1"

NOTE: BIDDERS & CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS, AREAS, FEATURES & COMPONENTS.		PROJECT	DRWG. NO.
D.H. GRACEY & ASSOCIATES, INC. © 5608 4TH AVENUE, N.W. • BRADENTON, FL. 34209-1804 PH: 941/792-5826 • FAX: 941/761-0829		HISTORIC COURTHOUSE 1115 Manatee Avenue, West Bradenton, Florida 34205	17.0
DATE: 3/09	DRWN: DHG / #	REV: 8/28/10	



SECTION DETAIL  
CONDUIT / STACK FLEXIBLE UMBRELLA  
COUNTERFLASHING  
SCALE: 1/2" = 1"

NOTE: BIDDERS & CONTRACTORS ARE RESPONSIBLE FOR CONFIRMING ALL DIMENSIONS, AREAS, FEATURES & COMPONENTS.		PROJECT	DRWG. NO.
D.H. GRACEY & ASSOCIATES, INC. © 5608 4TH AVENUE, N.W. • BRADENTON, FL. 34209-1804 PH: 941/792-5826 • FAX: 941/761-0829		HISTORIC COURTHOUSE 1115 Manatee Avenue, West Bradenton, Florida 34205	18.0
DATE: 3/09	DRWN: DHG / #	REV: 8/27/10	

ROOF DETAILS

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

JERRY N. ZOLLER  
 ARCHITECT / PLANNER  
 AIA  
 P.A.  
 914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465

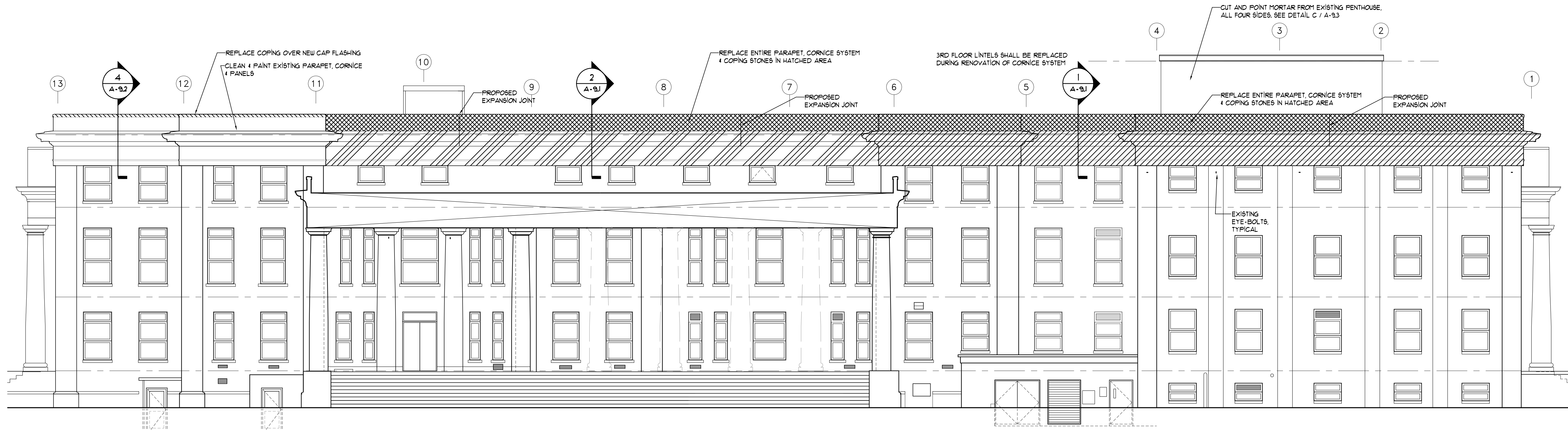
job no	84341
date	
drawn	DAB
checked	
revisions	

sheet

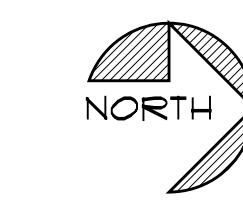
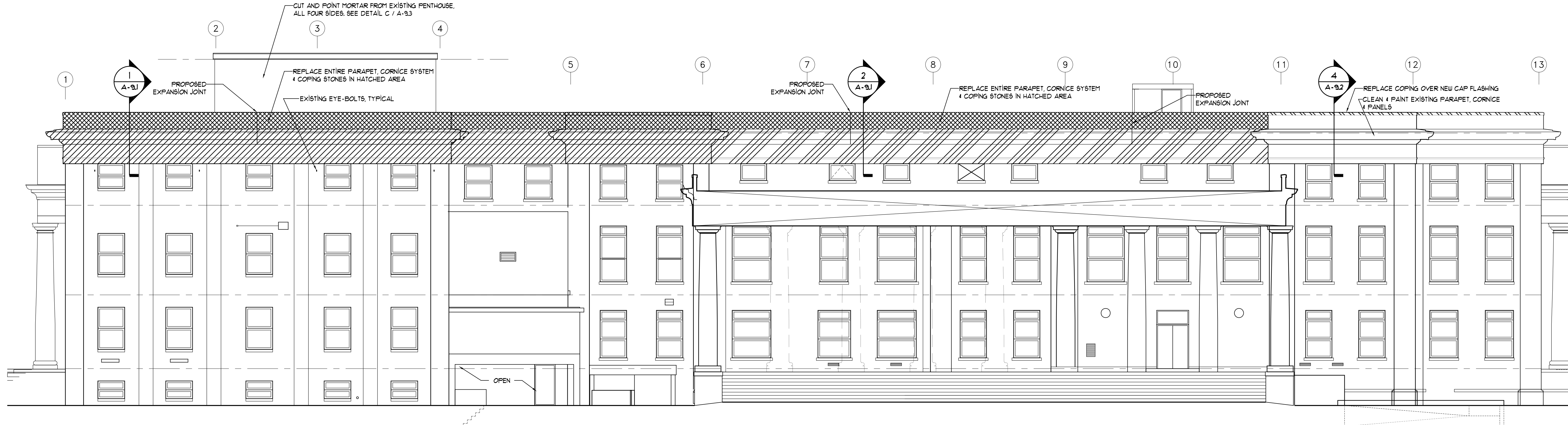
A-6.4

of



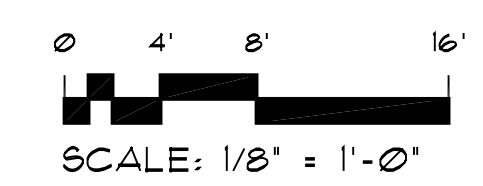


**1 WEST ELEVATION**  
SCALE: 1/8" = 1'-0"



**2 EAST ELEVATION**  
SCALE: 1/8" = 1'-0"

HATCH LEGEND	
	TYPE I - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM, SEE STRUCTURAL DRAWINGS.
	TYPE II - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM, SEE STRUCTURAL DRAWINGS.
	TYPE III - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM, SEE STRUCTURAL DRAWINGS.
	TYPE IV - EXISTING CORNICE TO REMAIN, NORTH END
	TYPE I, II & III - PARAPET TO BE REPLACED WITH THRU-WALL FLASHING AND MEMBRANE FLASHING UNDER NEW COPING
	TYPE IV - COPING TO BE REPLACED AND MEMBRANE FLASHING INSTALLED UNDER NEW COPING

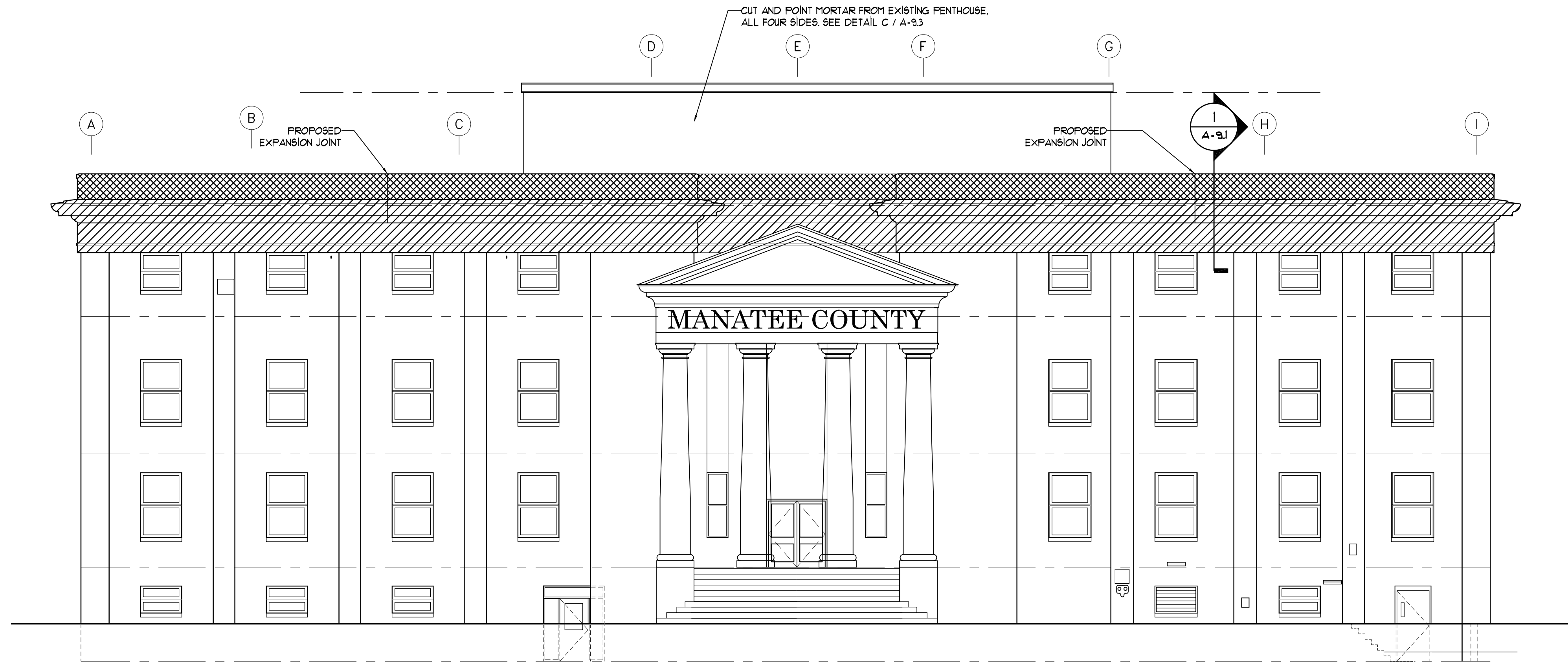


**FACADE DETAILS**

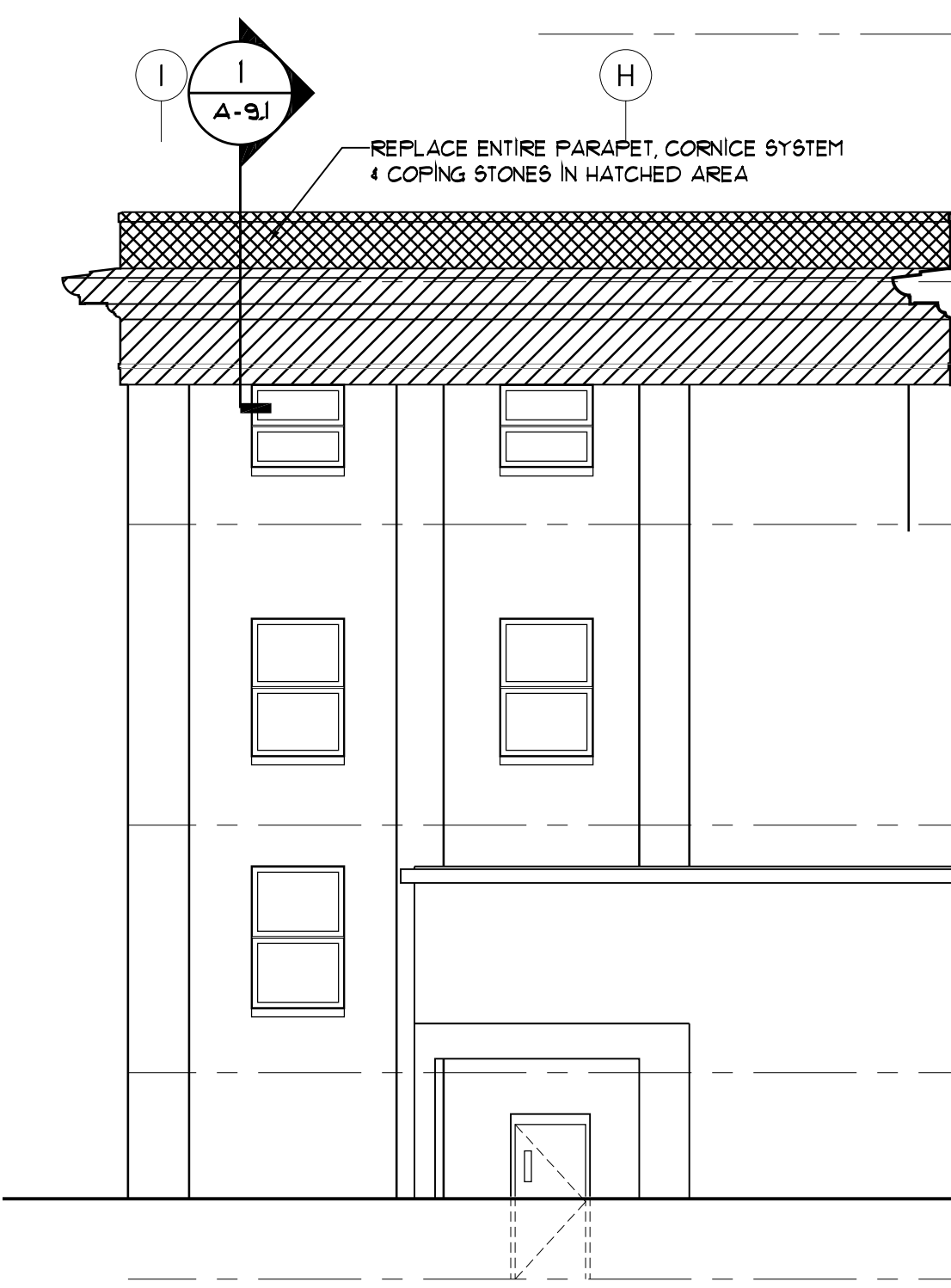
AIA  
**JERRY N. ZOLLER**  
 ARCHITECT / PLANNER  
 P.A.  
 914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465  
 fl. reg. 5926

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

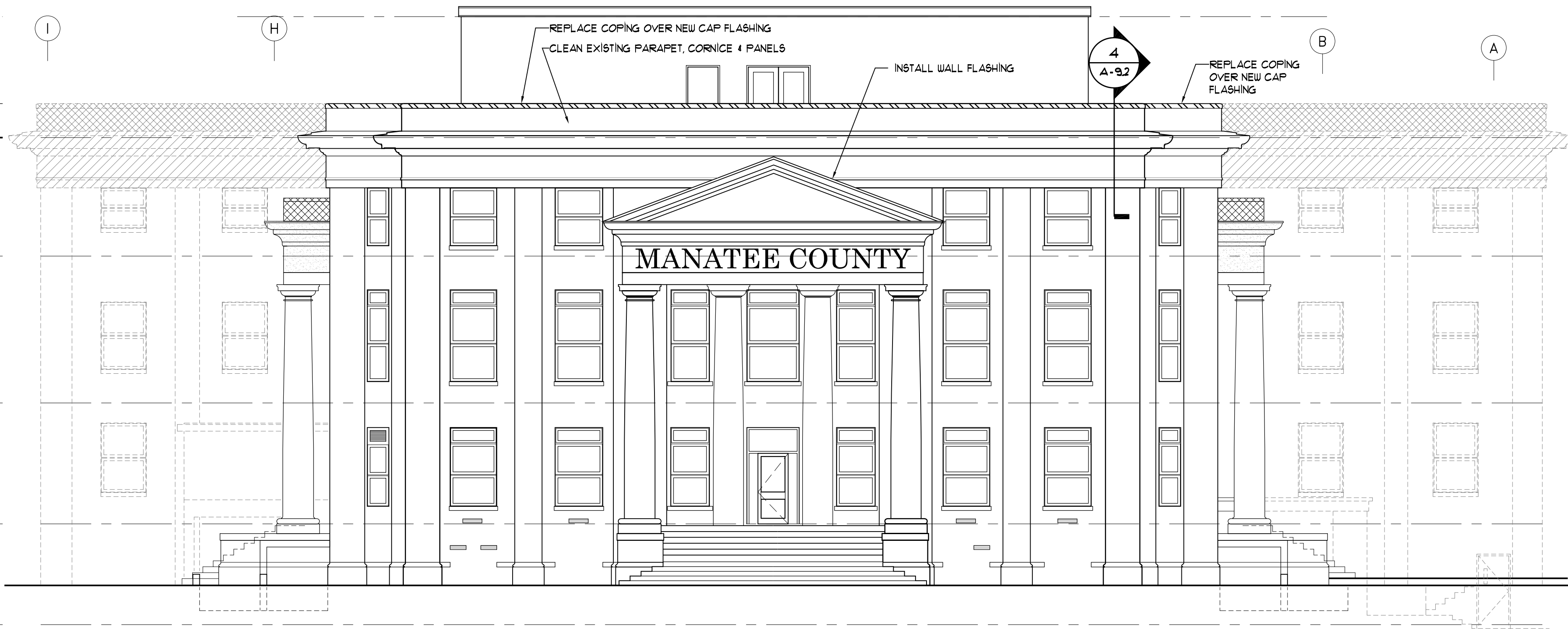
job no. 84541  
 date 09/21/10  
 drawn DAB  
 checked  
 revisions  
 sheet  
**A-7.1**  
 of



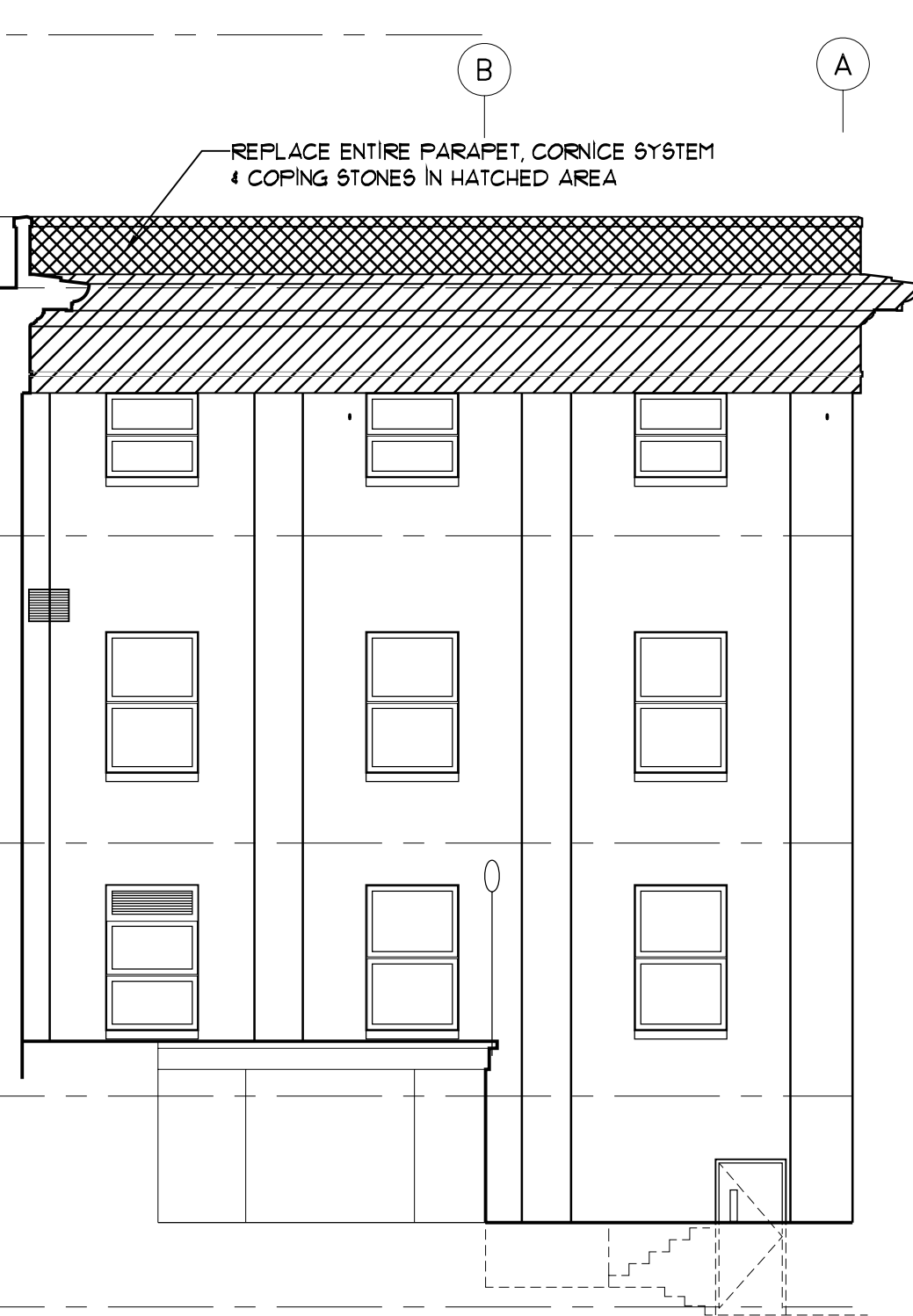
**3 SOUTH ELEVATION**  
SCALE : 1/8" = 1'-0"



**4 NORTH ELEVATION**  
SCALE : 1/8" = 1'-0"

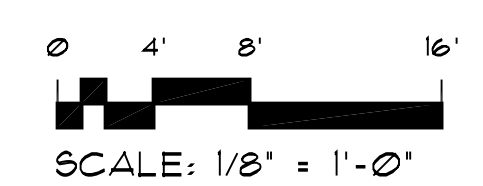


**5 NORTH ELEVATION**  
SCALE : 1/8" = 1'-0"



**6 NORTH ELEVATION**  
SCALE : 1/8" = 1'-0"

HATCH LEGEND	
	TYPE I - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM, SEE STRUCTURAL DRAWINGS.
	TYPE II - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM, SEE STRUCTURAL DRAWINGS.
	TYPE III - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM, SEE STRUCTURAL DRAWINGS.
	TYPE IV - EXISTING CORNICE TO REMAIN, NORTH END
	TYPE I, II & III - PARAPET TO BE REPLACED WITH THRU-WALL FLASHING AND MEMBRANE FLASHING UNDER NEW COPING
	TYPE IV - COPING TO BE REPLACED AND MEMBRANE FLASHING INSTALLED UNDER NEW COPING

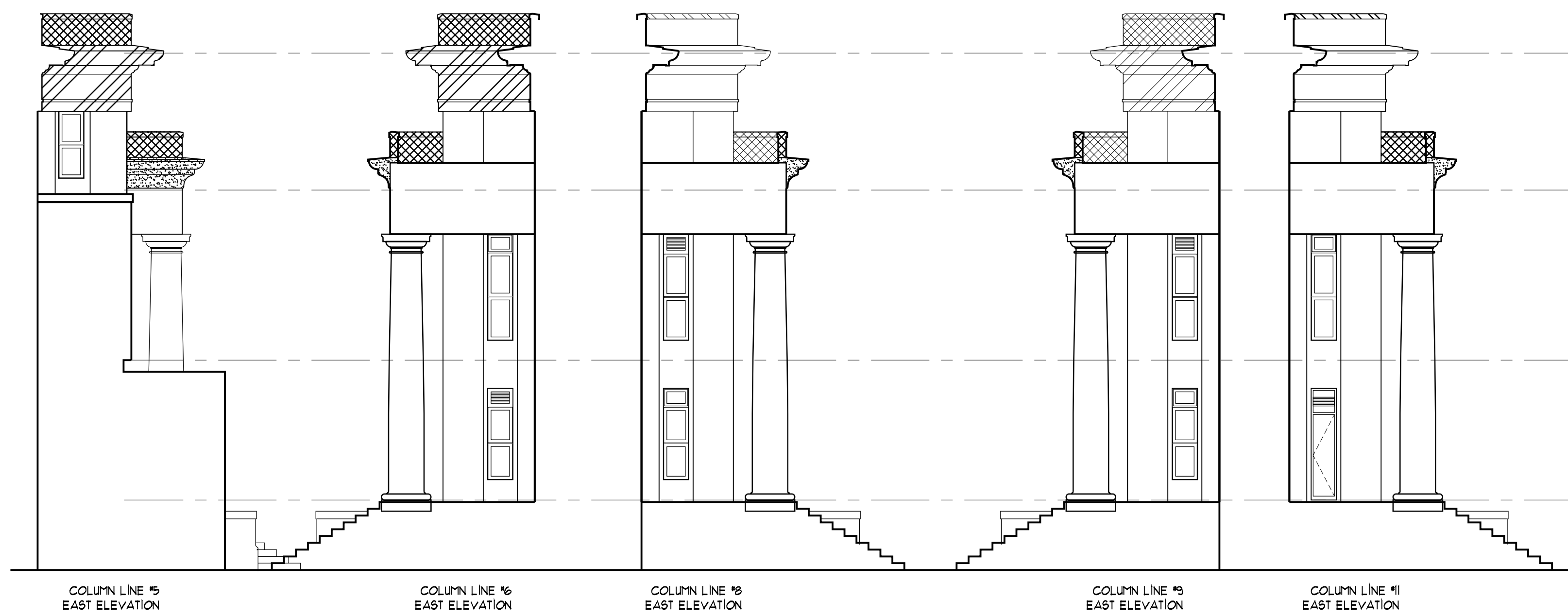


**FACADE DETAILS**

AIA  
**JERRY N. ZOLLER**  
 ARCHITECT / PLANNER  
 P.A.  
 914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465  
 fl. reg. 5926

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

job no	84341
date	09/21/10
drawn	..
checked	
revisions	
sheet	
<b>A-7.2</b>	
of	



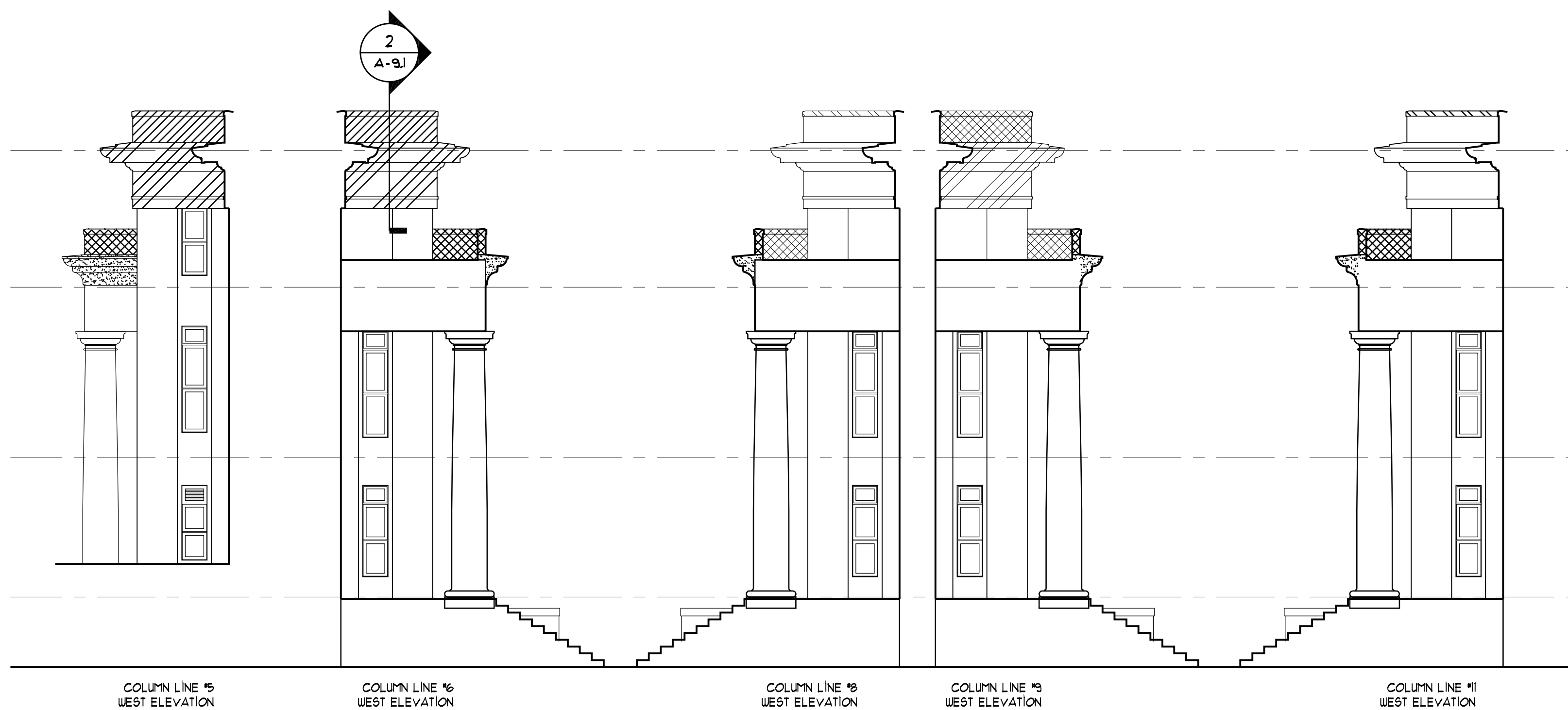
**7 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**8 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**9 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**10 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**11 SIDE LEGS**  
SCALE: 1/8" = 1'-0"



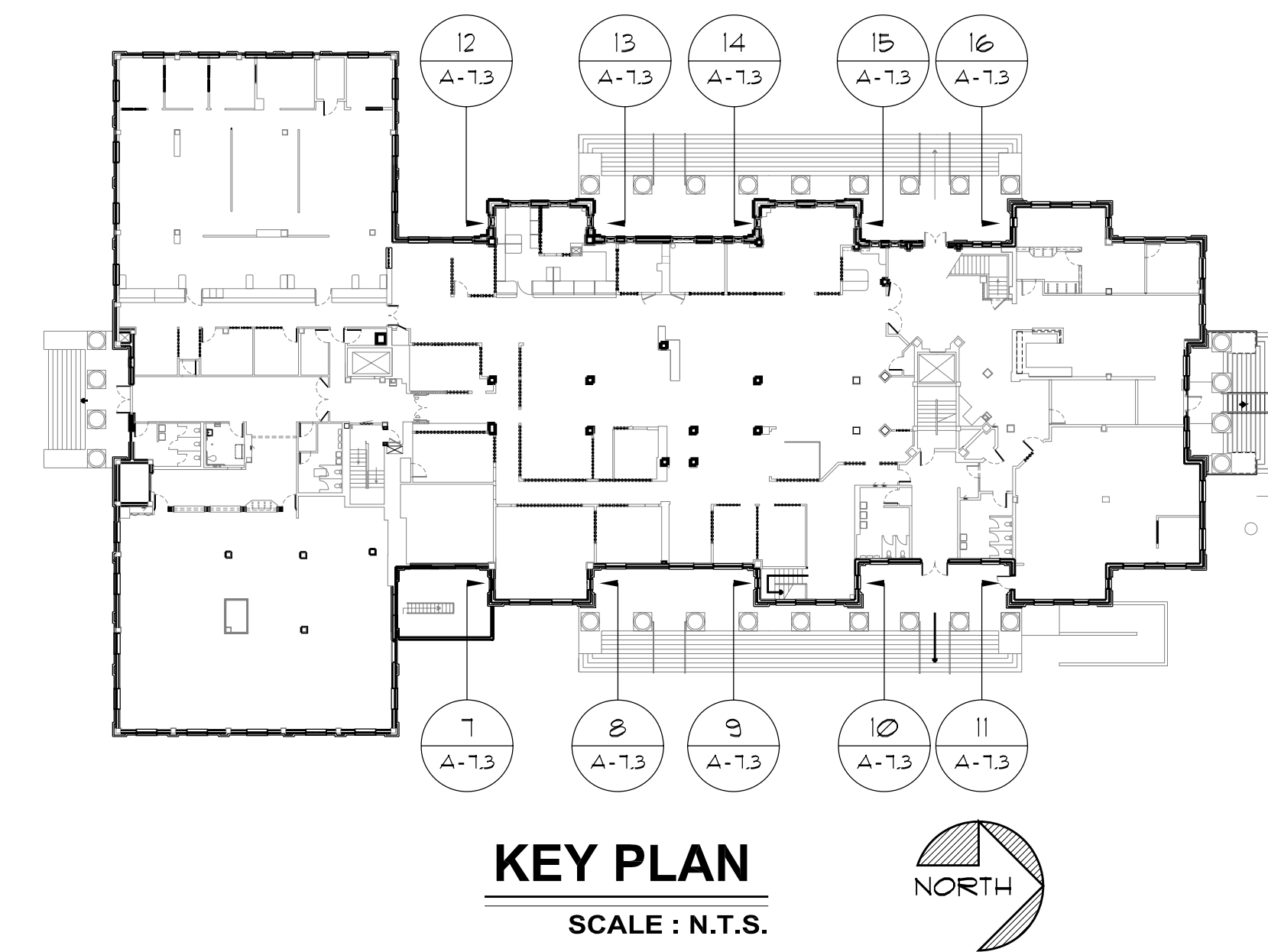
**12 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**13 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

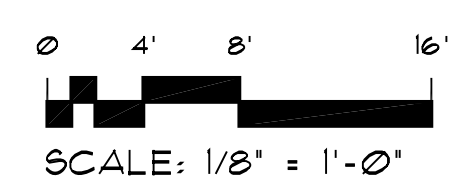
**14 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**15 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**16 SIDE LEGS**  
SCALE: 1/8" = 1'-0"



HATCH LEGEND	
	TYPE I - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM, SEE STRUCTURAL DRAWINGS.
	TYPE II - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM, SEE STRUCTURAL DRAWINGS.
	TYPE III - CORNICE SYSTEM TO BE REMOVED AND REPLACED WITH NEW SYSTEM, SEE STRUCTURAL DRAWINGS.
	TYPE IV - EXISTING CORNICE TO REMAIN, NORTH END
	TYPE I, II, III - PARAPET TO BE REPLACED WITH THRU-WALL FLASHING AND MEMBRANE FLASHING UNDER NEW COPING
	TYPE IV - COPING TO BE REPLACED AND MEMBRANE FLASHING INSTALLED UNDER NEW COPING



**FACADE DETAILS**

**JERRY N. ZOLLER**  
ARCHITECT / PLANNER  
AIA  
P.A.

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
1115 MANATEE AVENUE WEST  
BRADENTON, FLORIDA

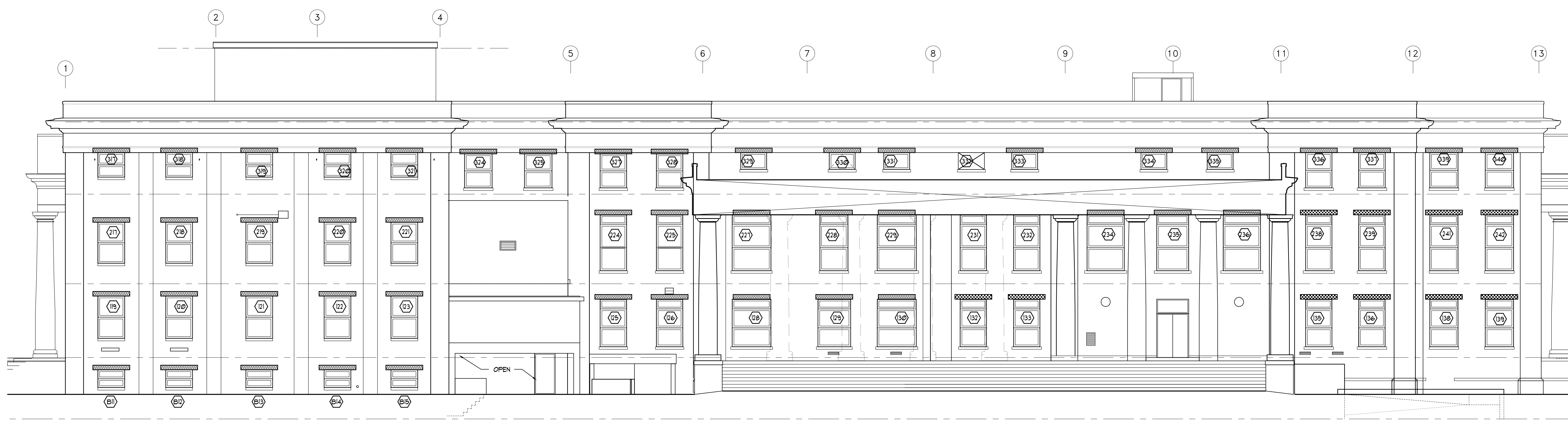
job no. 84341  
date 09/21/10  
drawn ..  
checked ..  
revisions ..  
sheet  
**A-7.3**  
of







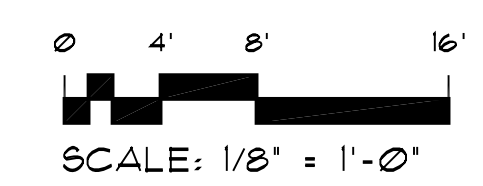
**1 WEST ELEVATION**  
SCALE: 1/8" = 1'-0"



**2 EAST ELEVATION**  
SCALE: 1/8" = 1'-0"

**WALL LEGEND:**

	REFURBISH EXISTING WINDOW LINTEL
	REPLACE EXISTING WINDOW LINTEL



**JERRY N. ZOLLER**  
ARCHITECT / PLANNER  
AIA  
P.A.

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
1115 MANATEE AVENUE WEST  
BRADENTON, FLORIDA

job no	84541
date	09/21/10
drawn	DAB
checked	
revisions	

sheet  
**A-8.1**  
of

fl. reg. 5926

914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465

**WINDOW DETAILS**



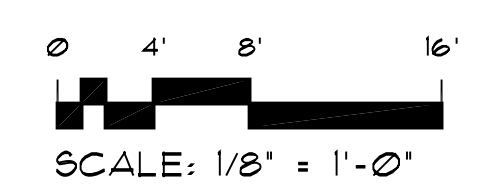
**3 SOUTH ELEVATION**  
SCALE : 1/8" = 1'-0"



**4 NORTH ELEVATION**  
SCALE : 1/8" = 1'-0"

**5 NORTH ELEVATION**  
SCALE : 1/8" = 1'-0"

**6 NORTH ELEVATION**  
SCALE : 1/8" = 1'-0"



**WALL LEGEND :**

	REFURBISH EXISTING WINDOW LINTEL
	REPLACE EXISTING WINDOW LINTEL

**WINDOW DETAILS**

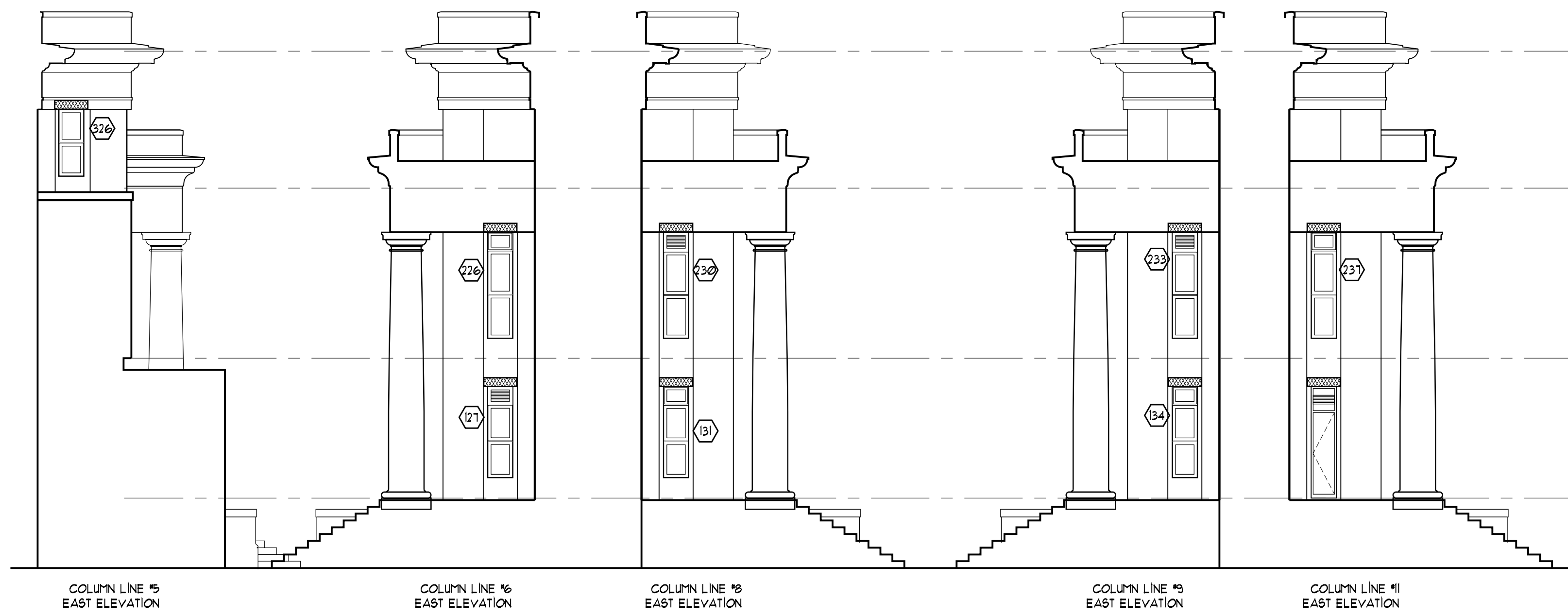
PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

**JERRY N. ZOLLER**  
 ARCHITECT / PLANNER  
 AIA  
 P.A.  
 914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465  
 fl. reg. 5926

job no	84341
date	09/21/10
drawn	..
checked	
revisions	
sheet	

**A-8.2**  
 of





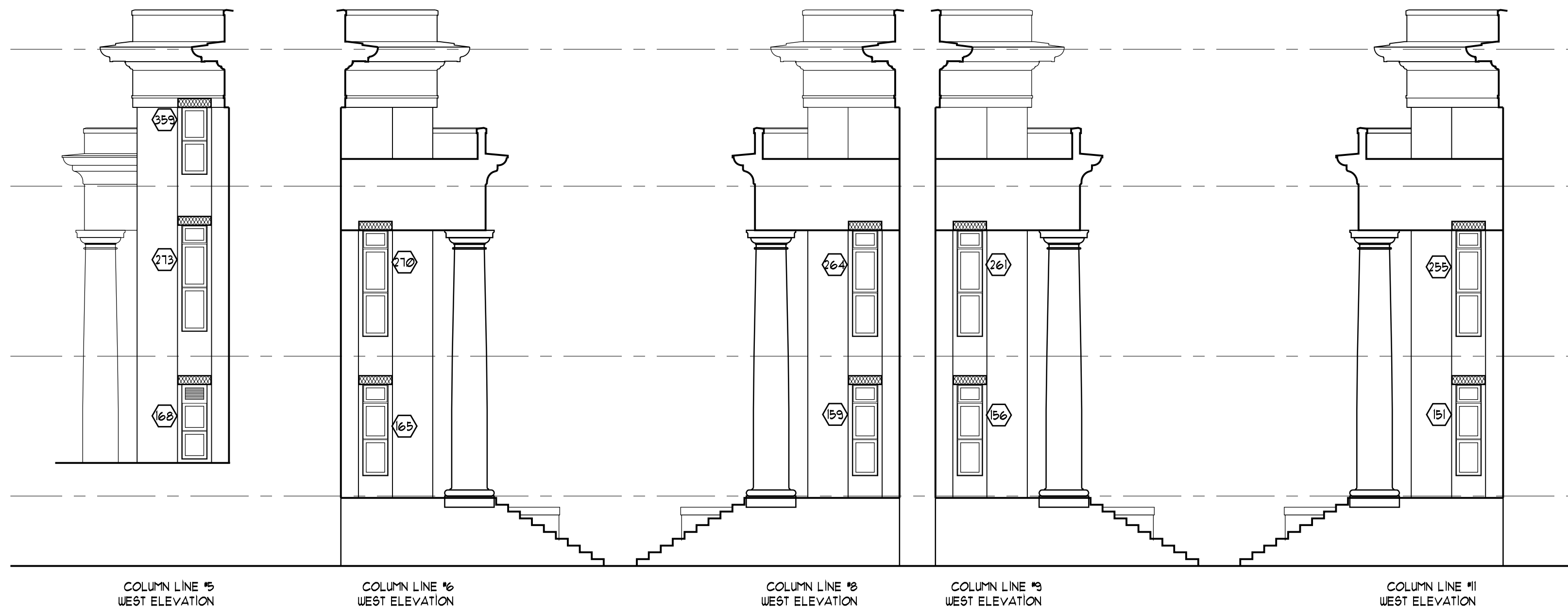
**7 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**8 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**9 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**10 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**11 SIDE LEGS**  
SCALE: 1/8" = 1'-0"



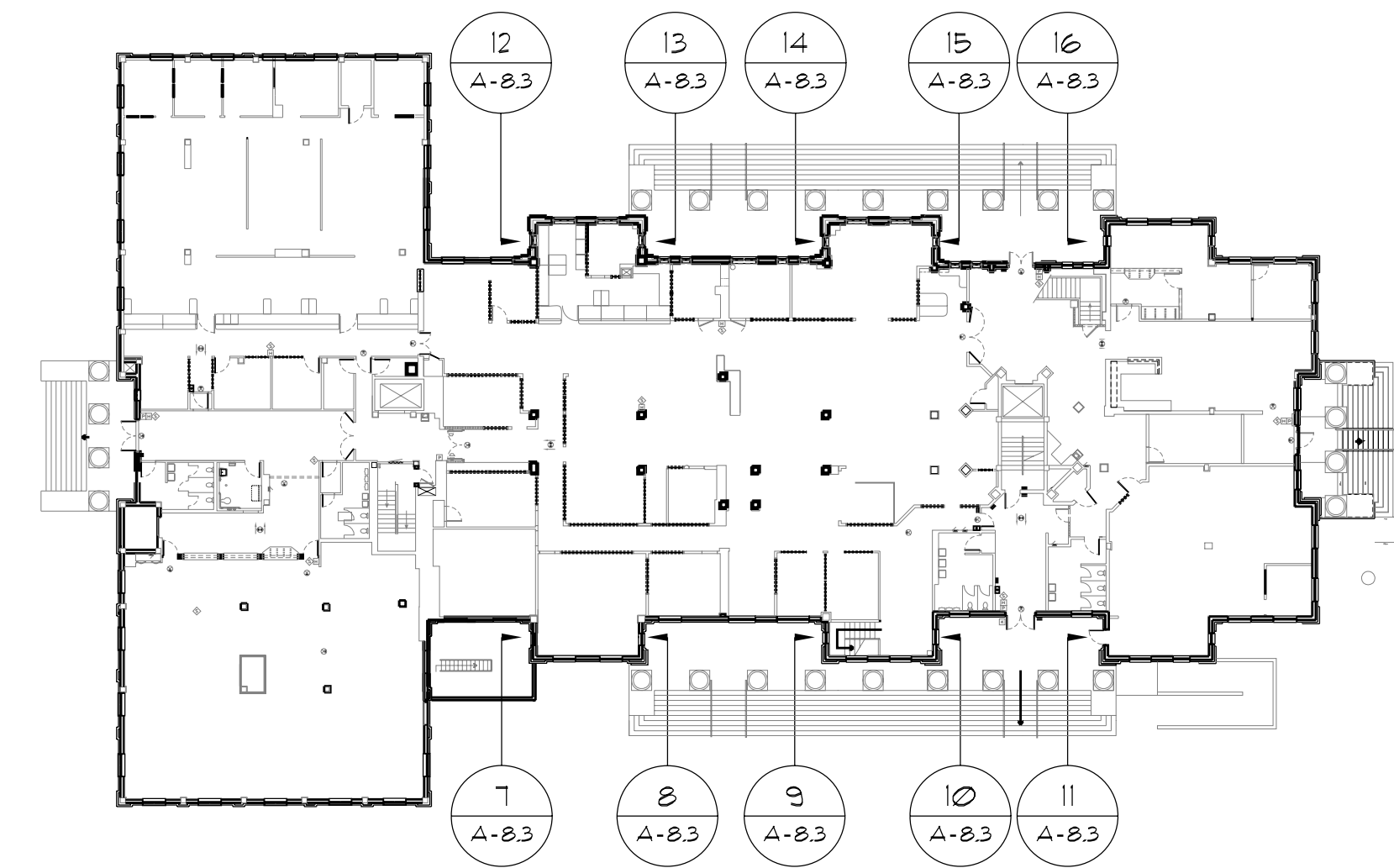
**12 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**13 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**14 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

**15 SIDE LEGS**  
SCALE: 1/8" = 1'-0"

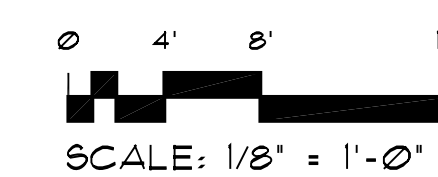
**16 SIDE LEGS**  
SCALE: 1/8" = 1'-0"



**KEY PLAN**  
SCALE: N.T.S.



WALL LEGEND:	
	REFURBISH EXISTING WINDOW LINTEL
	REPLACE EXISTING WINDOW LINTEL



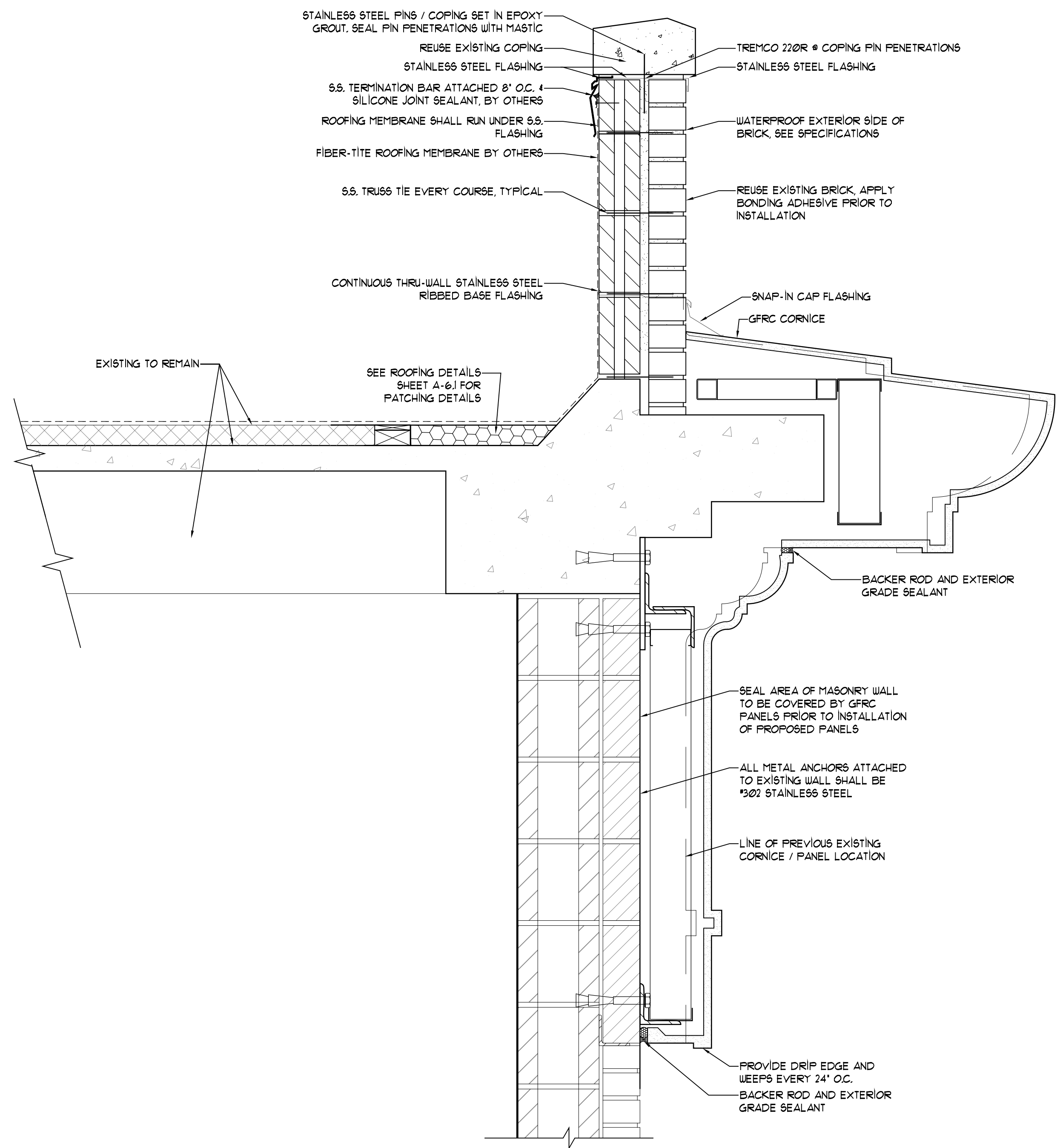
**WINDOW DETAILS**

**AIA**  
**JERRY N. ZOLLER**  
**ARCHITECT / PLANNER**  
P.A.  
914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465  
fl. reg. 5926

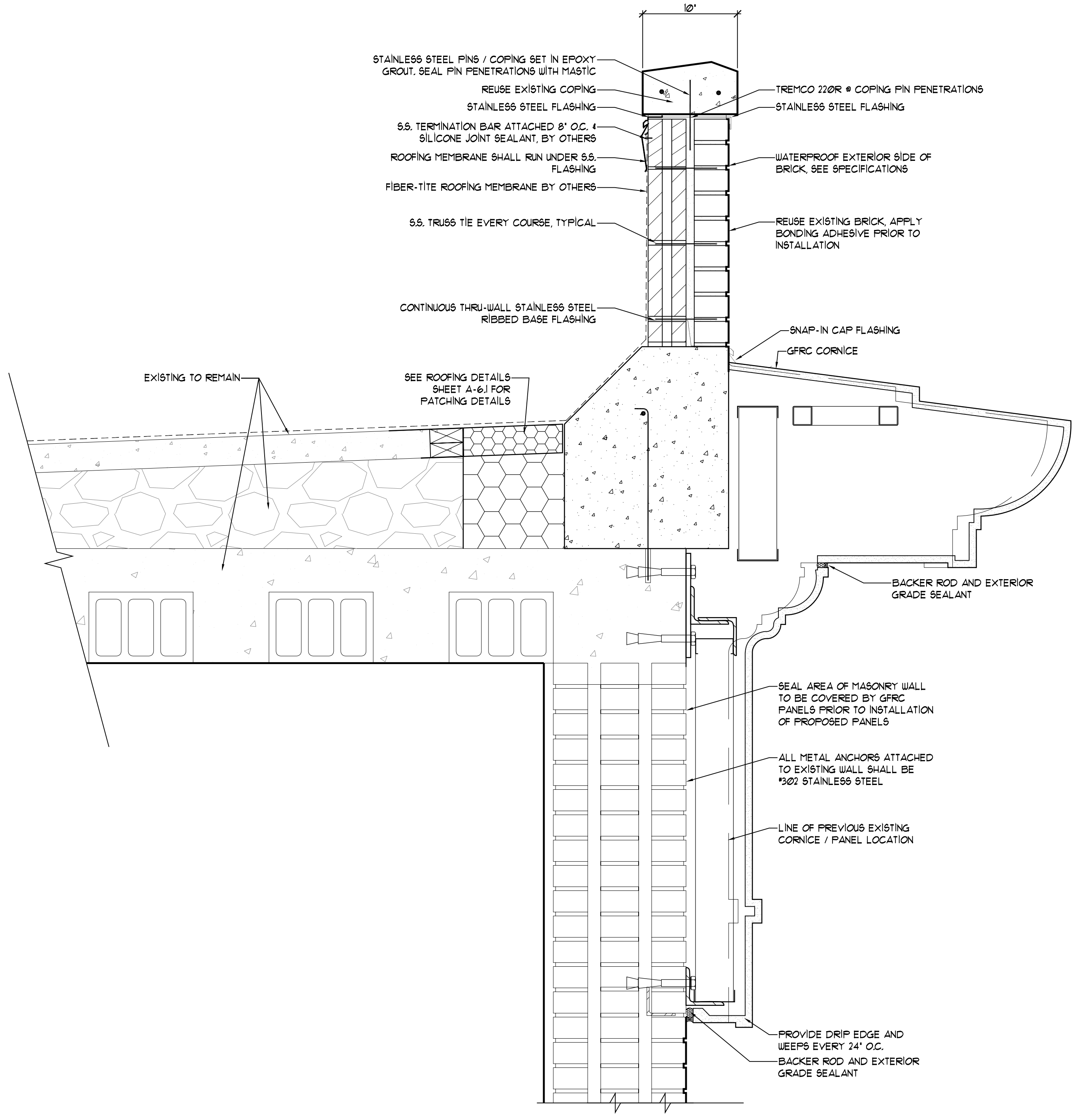
PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
1115 MANATEE AVENUE WEST  
BRADENTON, FLORIDA

job no	84341
date	09/21/10
drawn	..
checked	
revisions	

sheet  
**A-8.3**  
of



**1 CORNICE REPAIR - TYPE I**  
**SOUTH**  
 SCALE : 1 1/2" = 1'-0"



**2 CORNICE REPAIR - TYPE III**  
**MIDDLE**  
 SCALE : 1 1/2" = 1'-0"

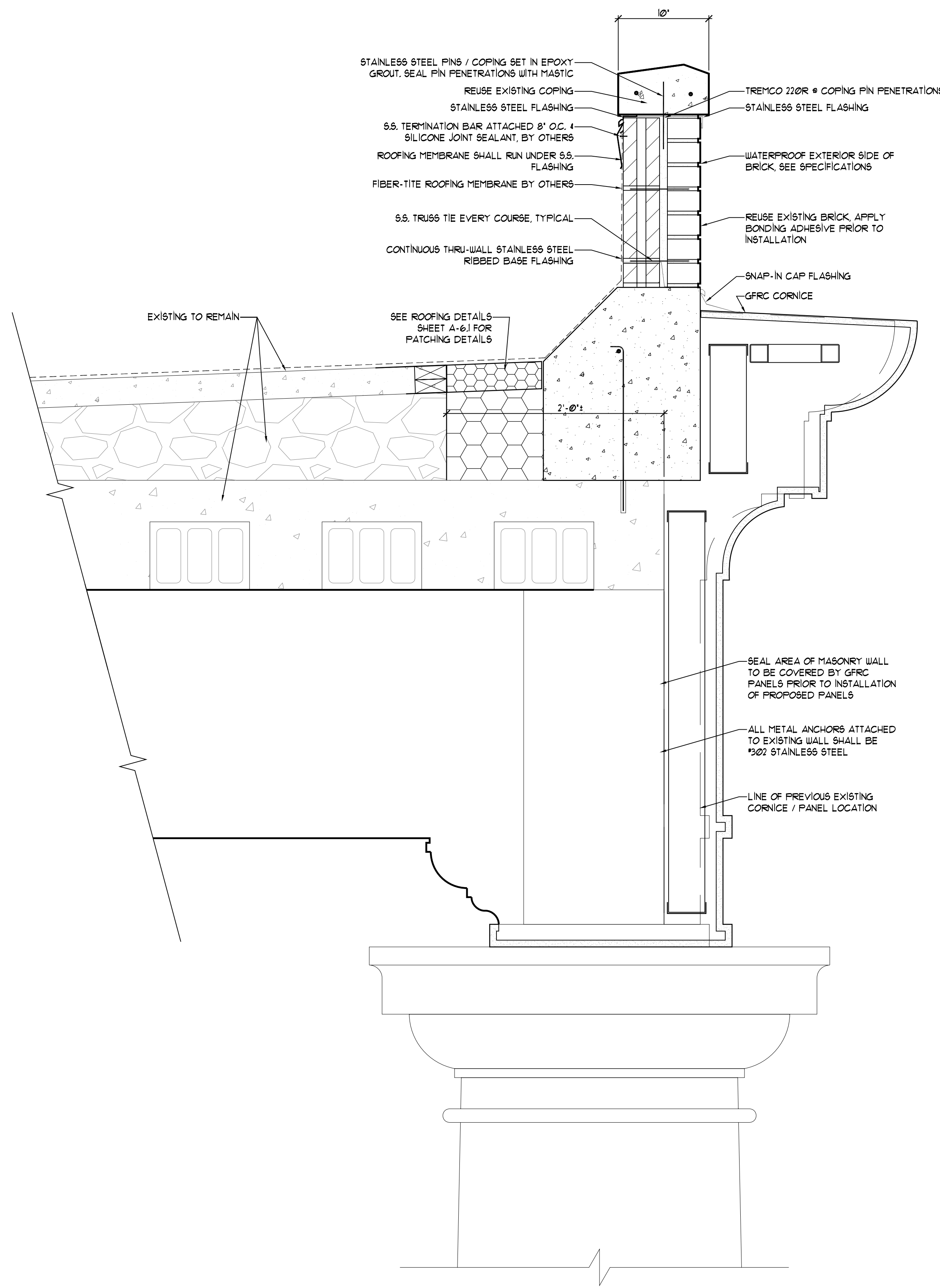
**AIA**  
**JERRY N. ZOLLER**  
**ARCHITECT / PLANNER**  
 P.A.

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

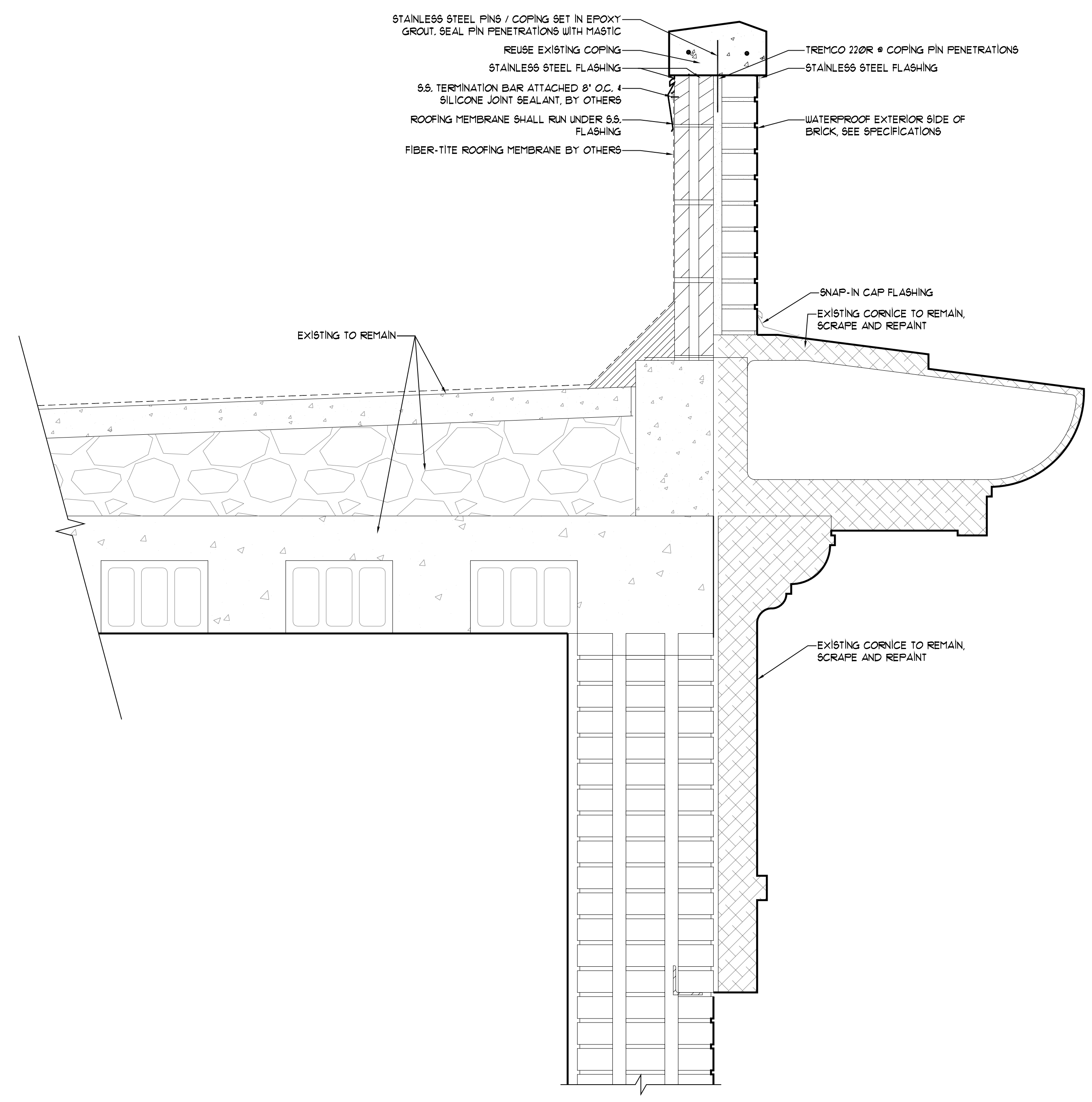
job no	84341
date	09/21/10
drawn	DAB
checked	
revisions	
sheet	

**A-9.1**  
 of

**FACADE DETAILS**



**3 CORNICE REPAIR - TYPE II**  
**COLONNADES** SCALE : 1 1/2" = 1'-0"



**4 PARAPET REPAIR - TYPE IV**  
**NORTH** SCALE : 1 1/2" = 1'-0"

**AIA**  
**JERRY N. ZOLLER**  
**ARCHITECT / PLANNER**  
 P.A.

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

job no	84341
date	09/21/10
drawn	DAB
checked	
revisions	
sheet	

**A-9.2**  
 of

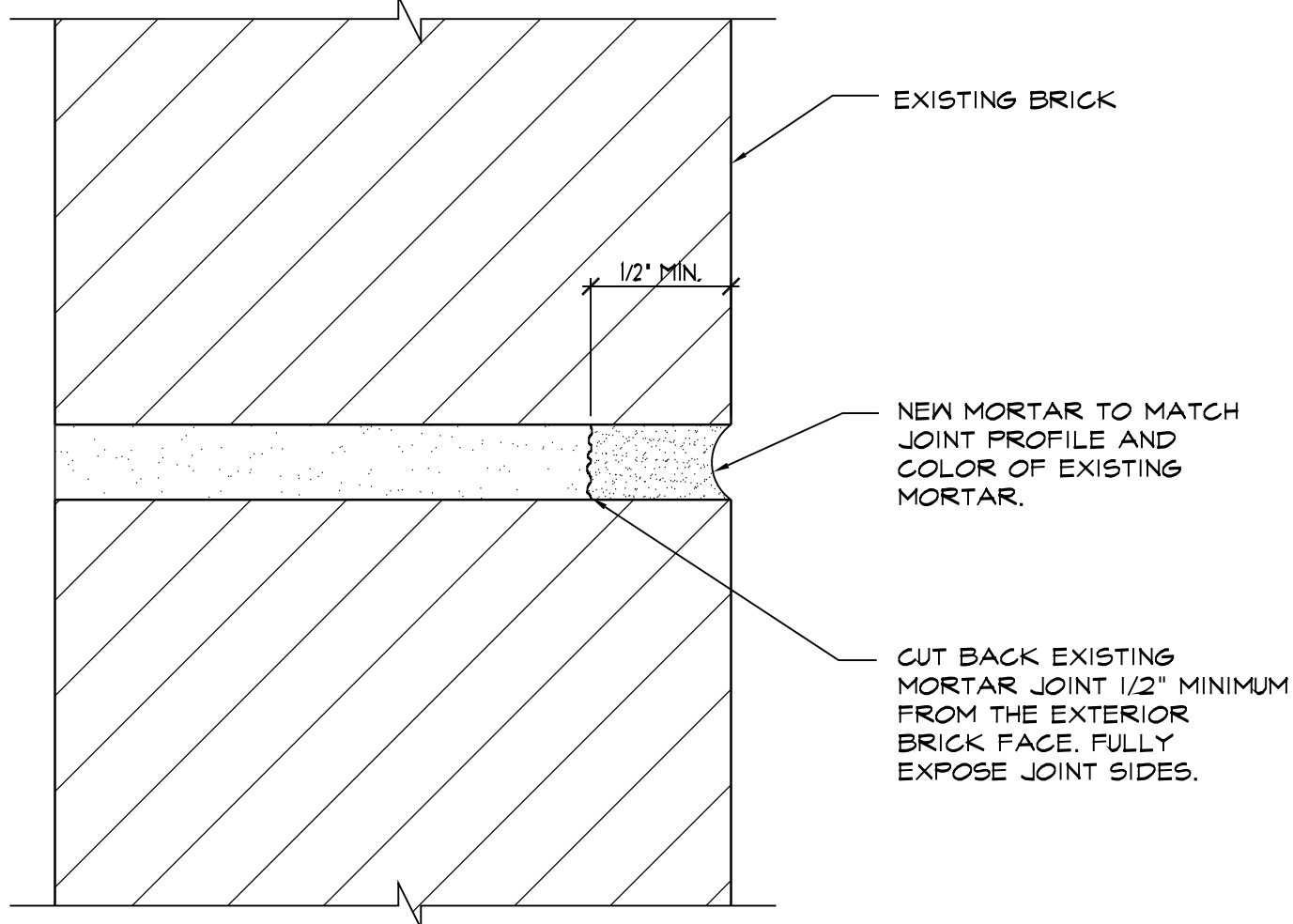
**FACADE DETAILS**

fl. reg. 5926

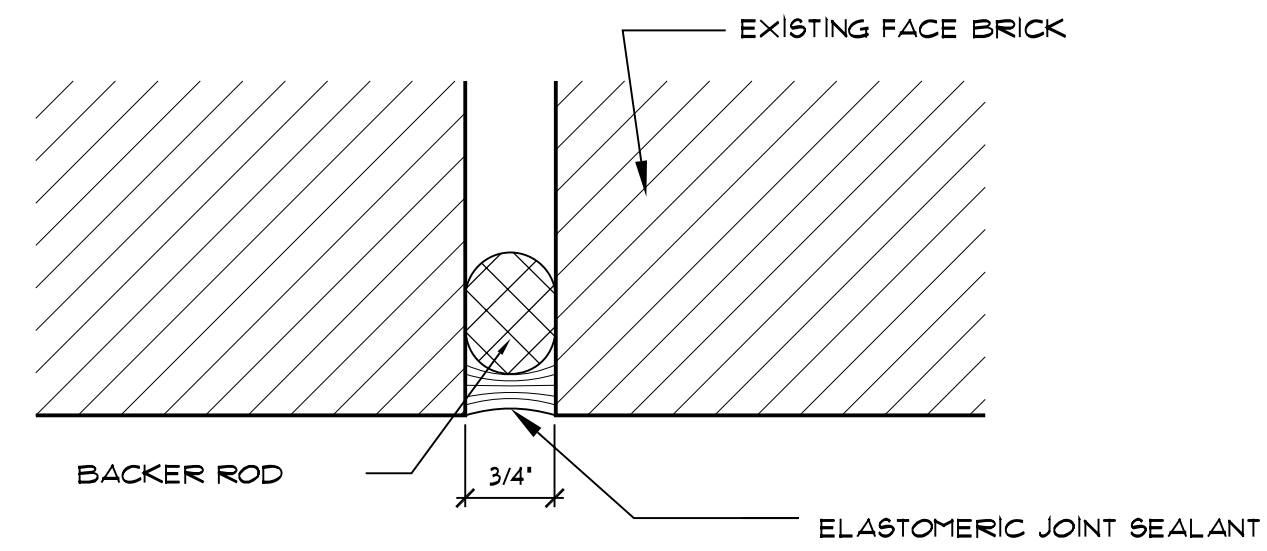
914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465

P:\31118\94101 - Courthouse Facade Renovation\94101\_Courthouse Facade Renovation\94101\_LA\_Sheet\_A-9.2\_Grande.dwg, 10/20/10 10:52:19 AM, 8/20/10

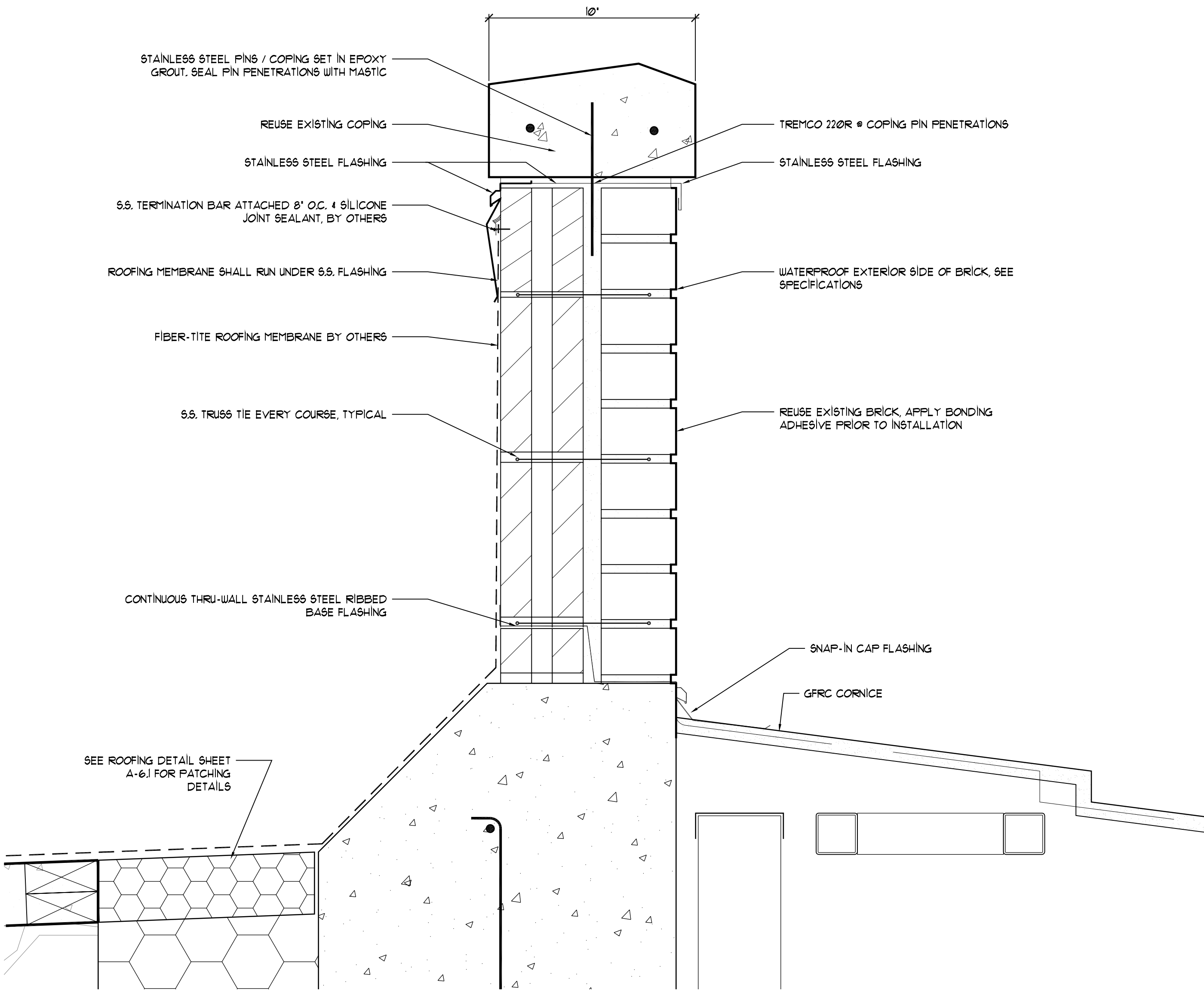




**C POINTING DETAIL**  
SCALE : 3" = 1'-0"



**A PROPOSED VERTICAL JOINT**  
SCALE : 1 1/2" = 1'-0"



**B ENLARGED PARAPET FLASHING DETAIL**  
SCALE : 3" = 1'-0"

**FACADE DETAILS**

fl. reg. 5926

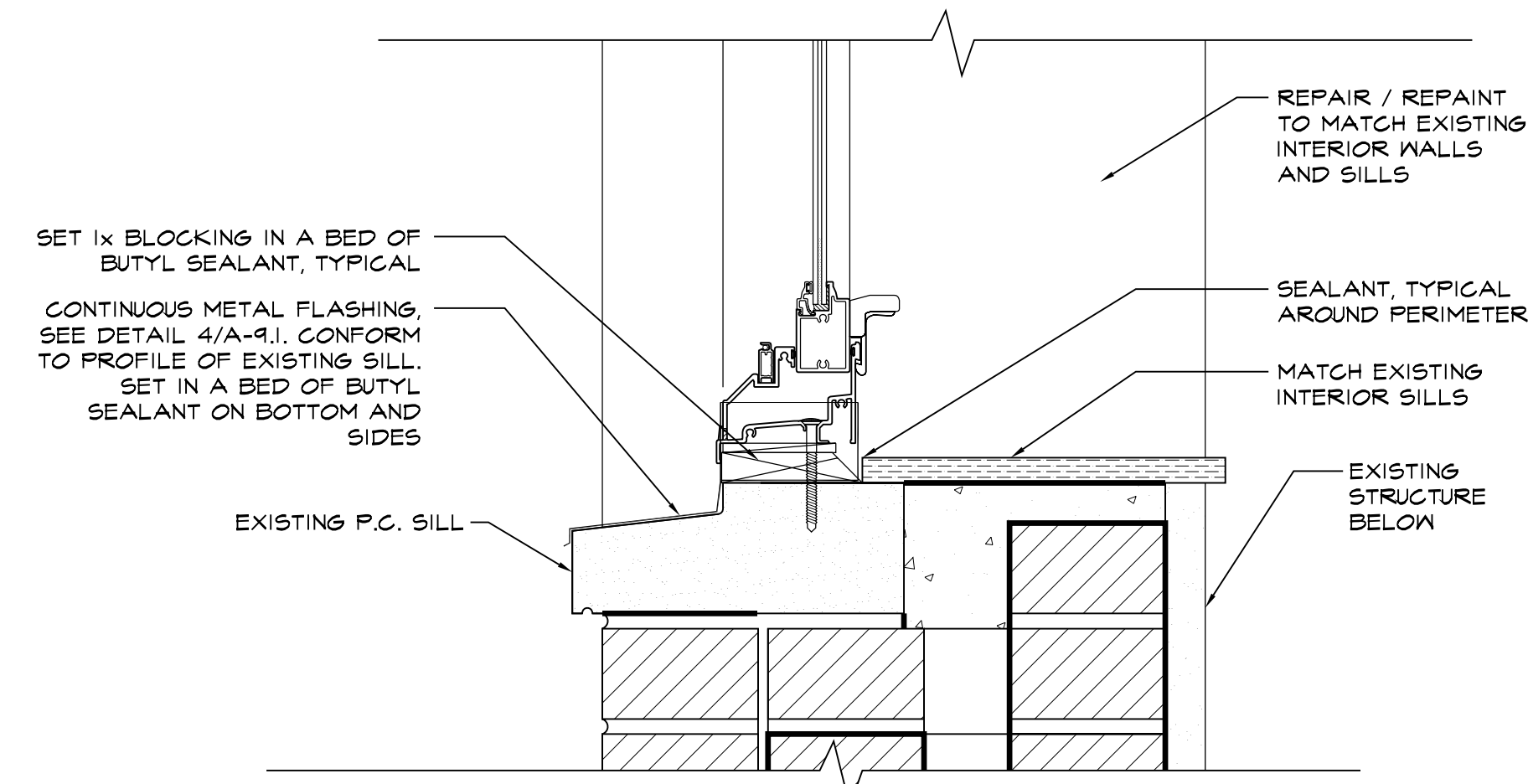
**AIA**  
JERRY N. ZOLLER  
ARCHITECT / PLANNER  
P.A.

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
1115 MANATEE AVENUE WEST  
BRADENTON, FLORIDA

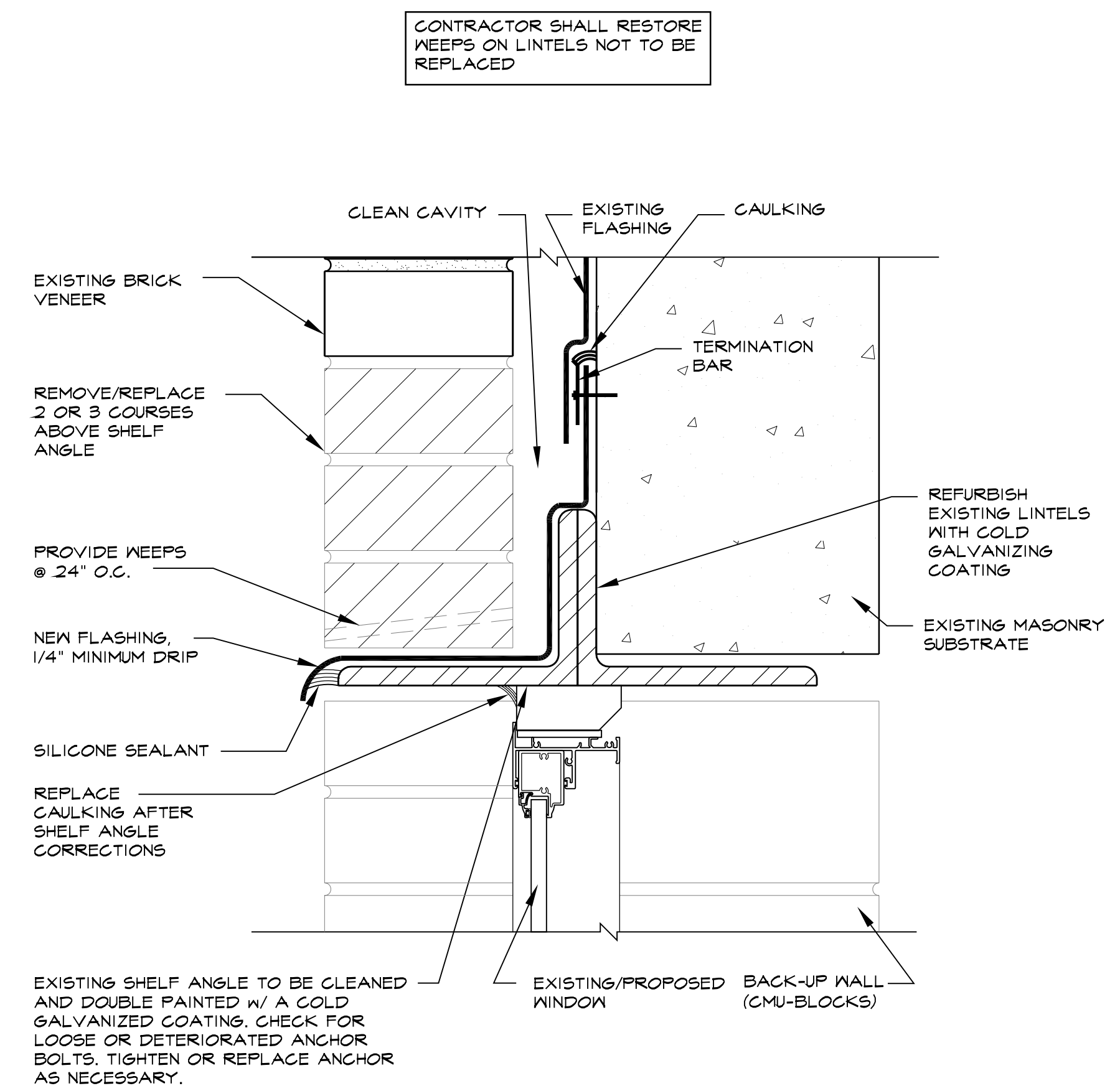
job no	84341
date	09/21/10
drawn	DAB
checked	
revisions	

sheet  
**A-9.3**  
of

P:\031918\031918-01 - Courthouse Facade Renovation\031918-01\_Courthouse\_Facade\_Renov\031918-01\_092110.dwg, A-9.3.dwg, 10/22/2010 10:05:56 AM, larryphd

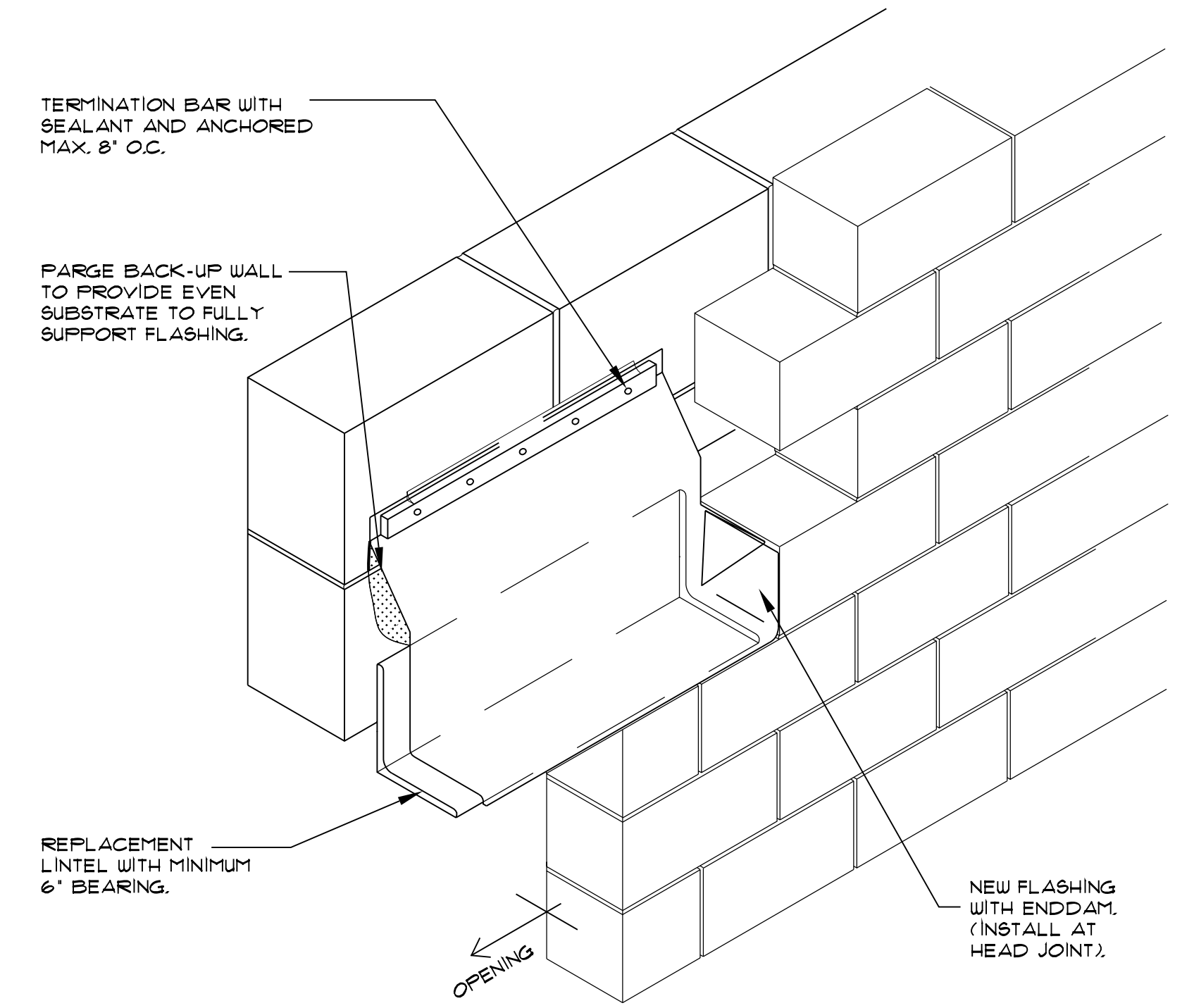


**1** TYPICAL DETAIL AT WINDOW SILL  
SCALE : 3" = 1'-0"

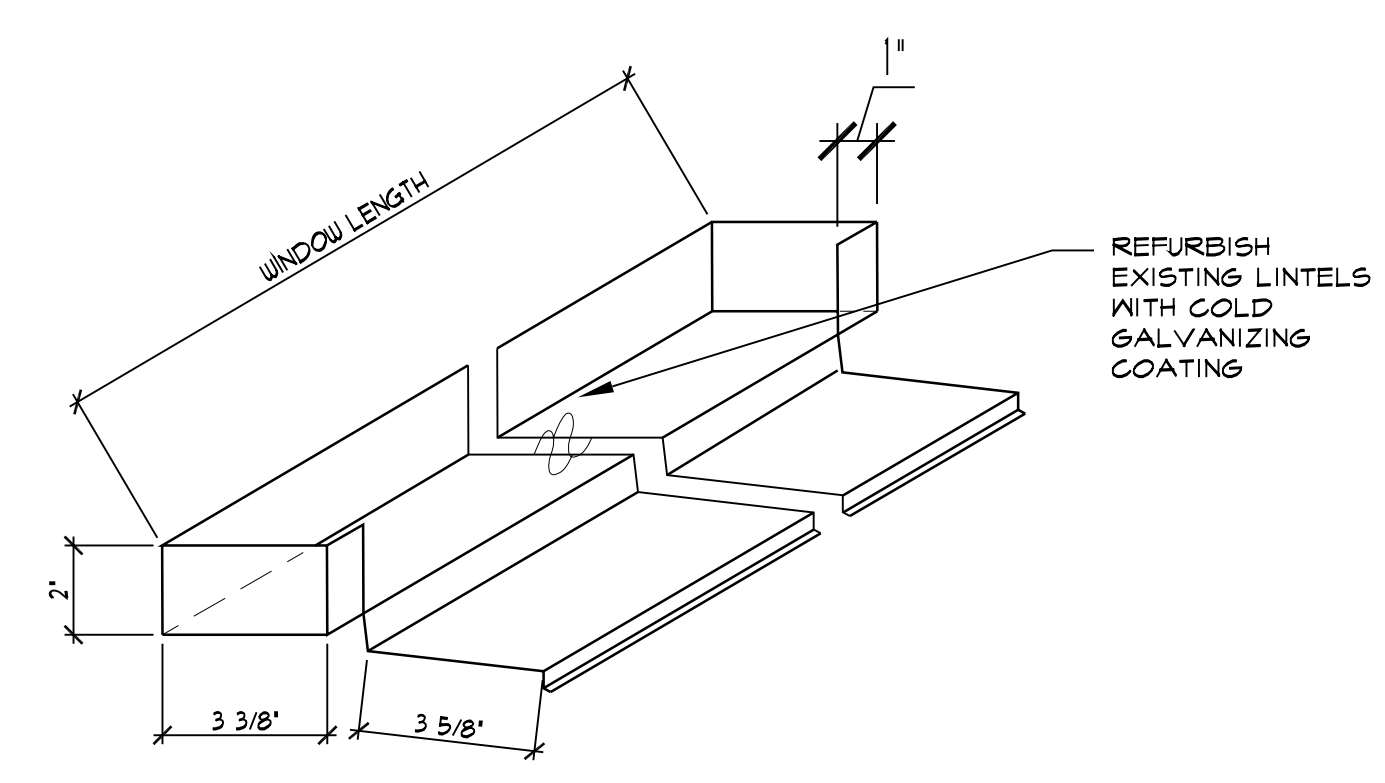


**2** LINTEL INSTALLATION AT WINDOW  
SCALE : 3" = 1'-0"

GENERAL NOTES:  
1. SCRAPE WIRE BRUSH AND PAINT EXPOSED STEEL WITH TWO COATS (1 PRIME AND 1 TOP COAT) OF RUST INHIBITIVE PAINT AS PER SPECIFICATIONS.



**3** LINTEL AND FLASHING REPLACEMENT DETAIL  
SCALE : 1 1/2" = 1'-0"



**4** WINDOW SILL FLASHING DETAIL  
SCALE : 3" = 1'-0"

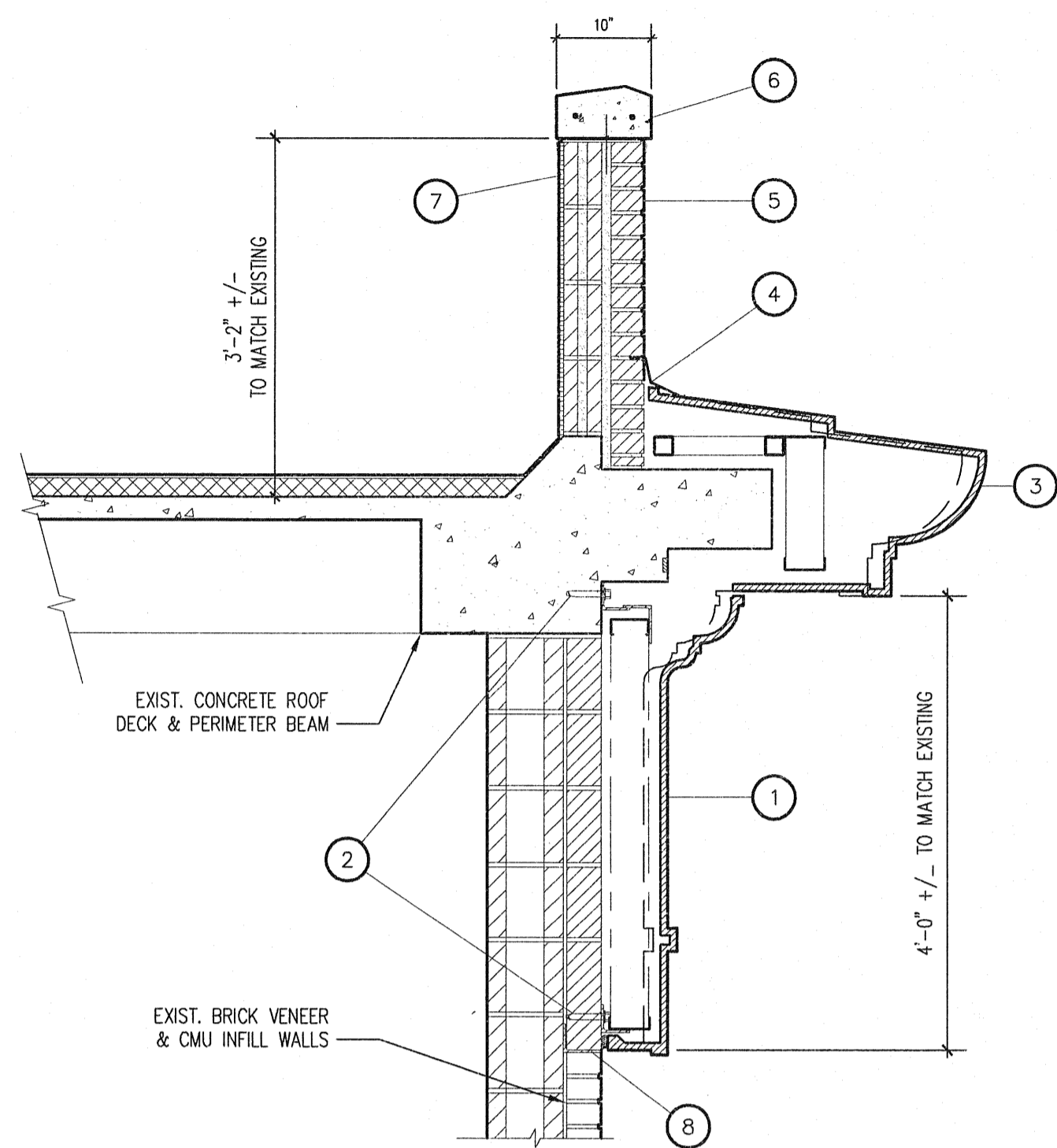
AIA  
 JERRY N. ZOLLER  
 ARCHITECT / PLANNER  
 P.A.  
 914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465  
 fl. reg. 5926

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST  
 BRADENTON, FLORIDA

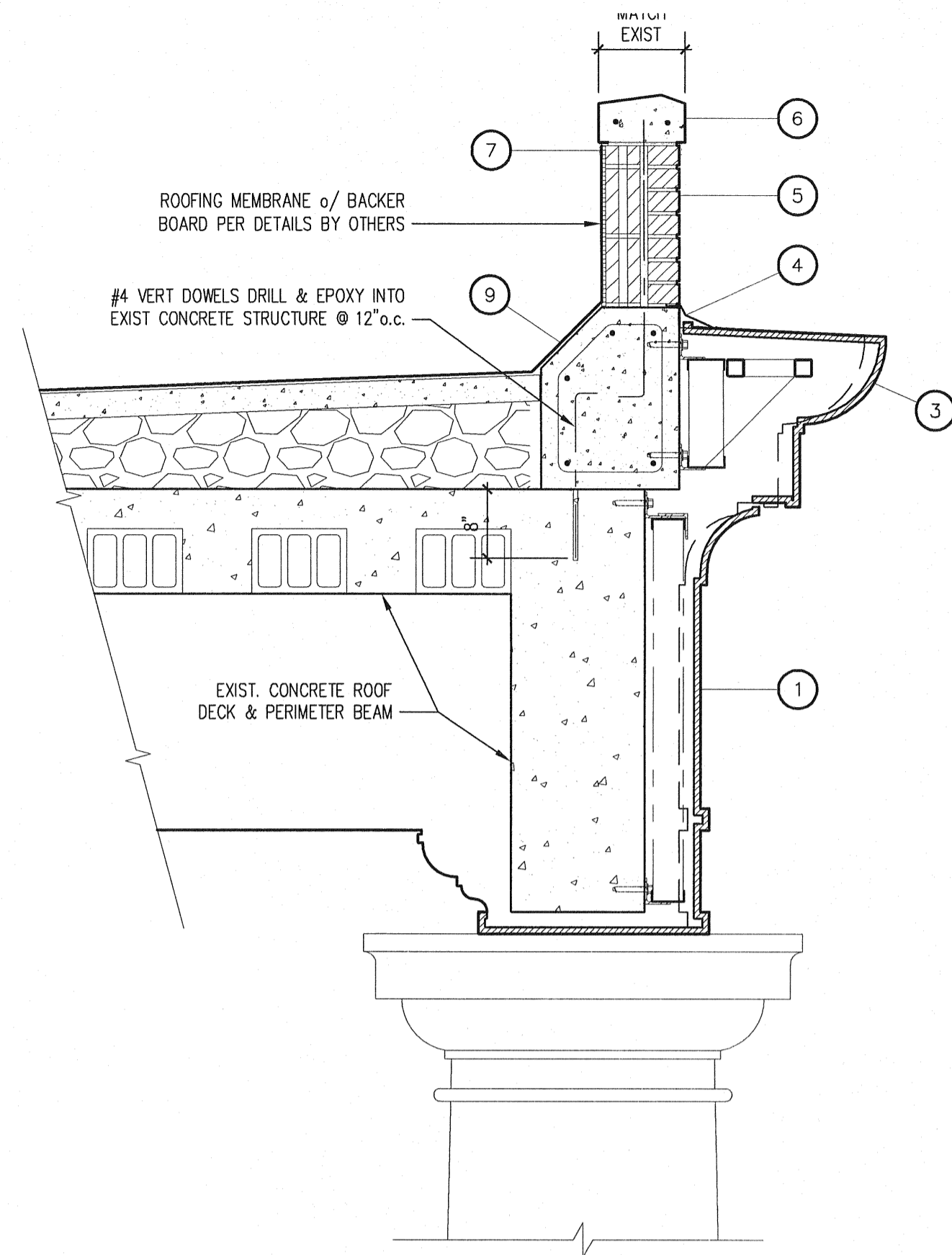
job no	84341
date	09/21/10
drawn	DAB
checked	
revisions	
sheet	

A-9.4  
of

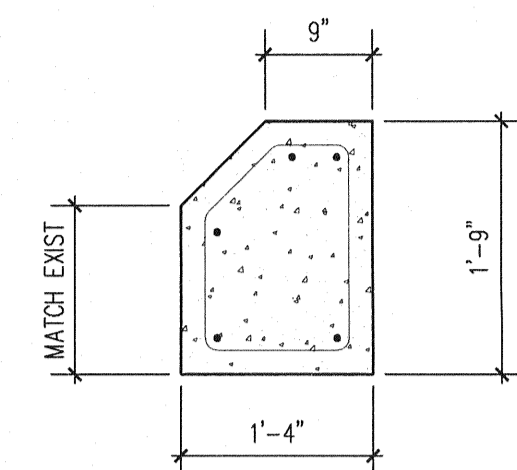
# CONSTRUCTION DETAILS



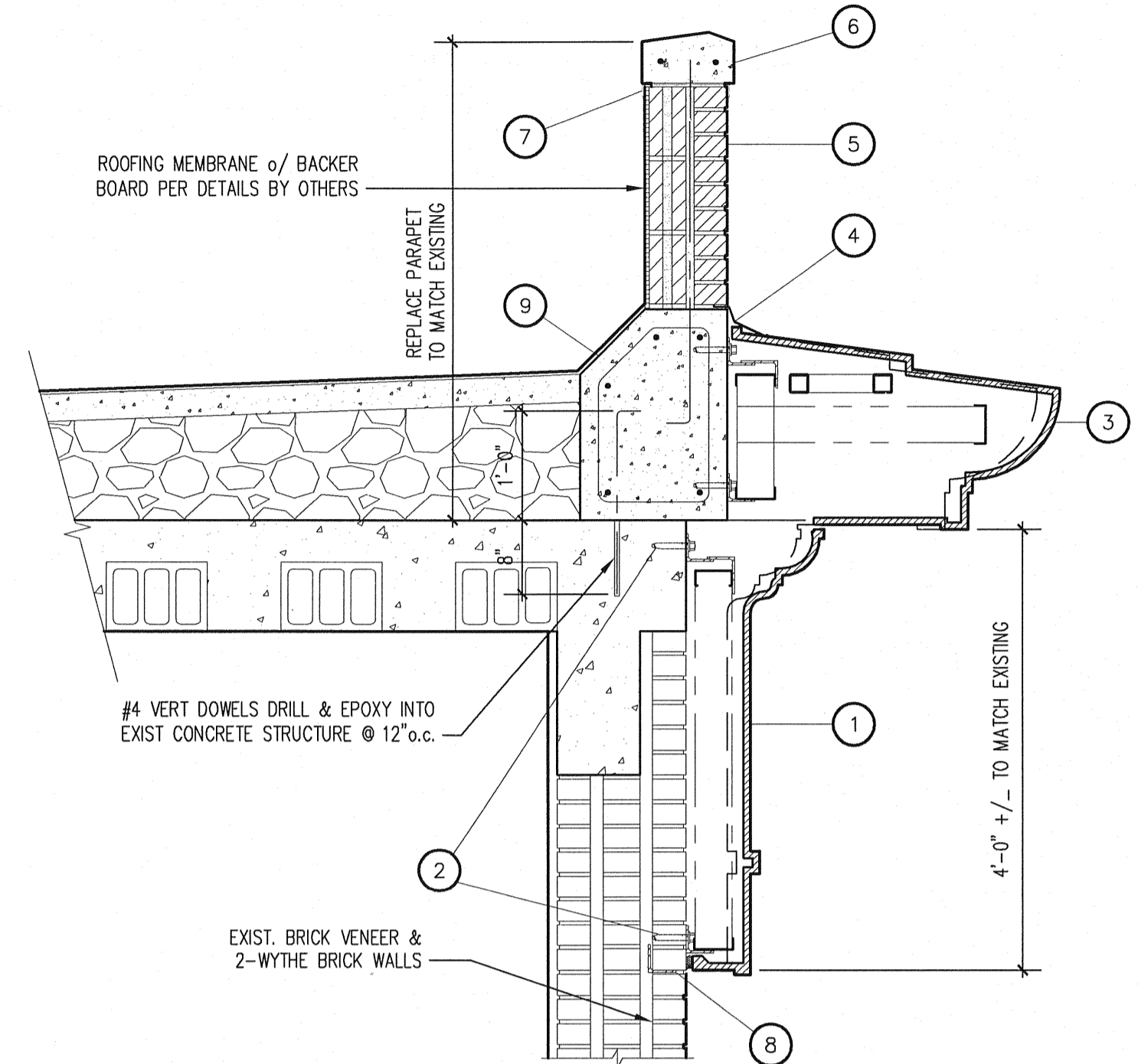
**A** CORNICE REPAIR - TYPE I  
S-1 south SCALE: 3/4" = 1'-0"



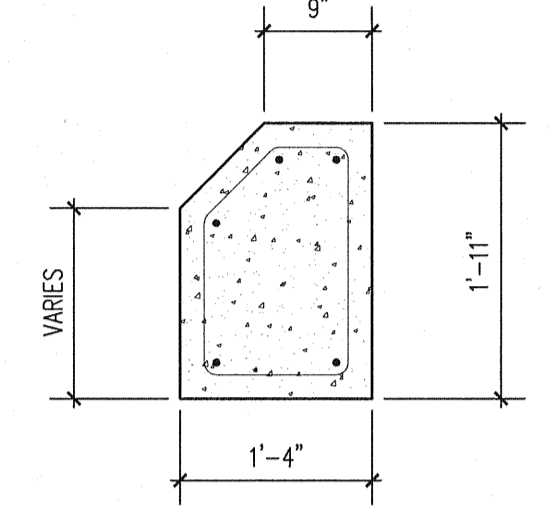
**B** CORNICE REPAIR - TYPE II  
S-1 colonnade SCALE: 3/4" = 1'-0"



**CURB DETAIL**  
C.I.P. CONCRETE w/ (5) #4 CONT. & #3 TIES @ 12" o.c. w/ 2" CONC. COVER

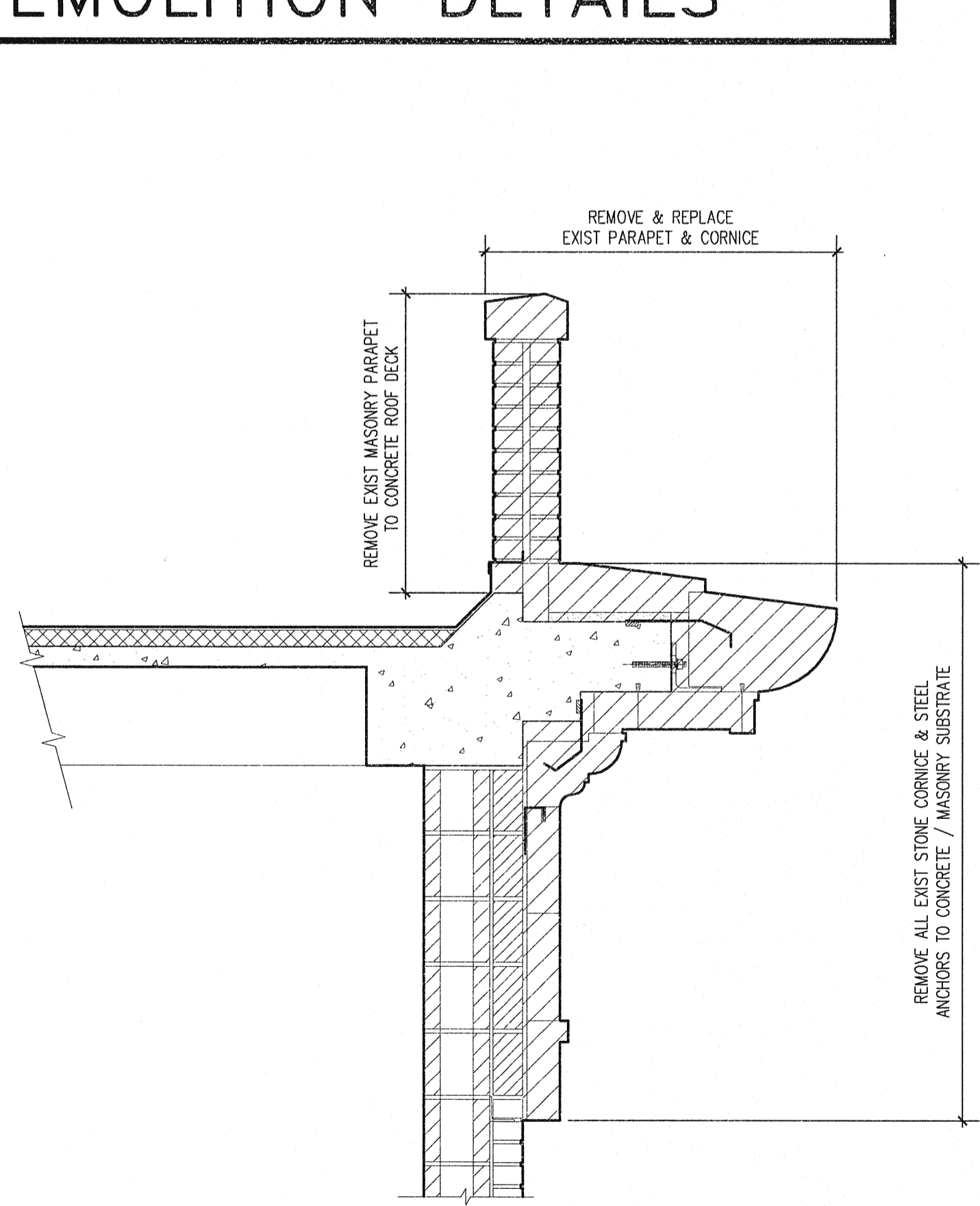


**C** CORNICE REPAIR - TYPE III  
S-1 middle SCALE: 3/4" = 1'-0"

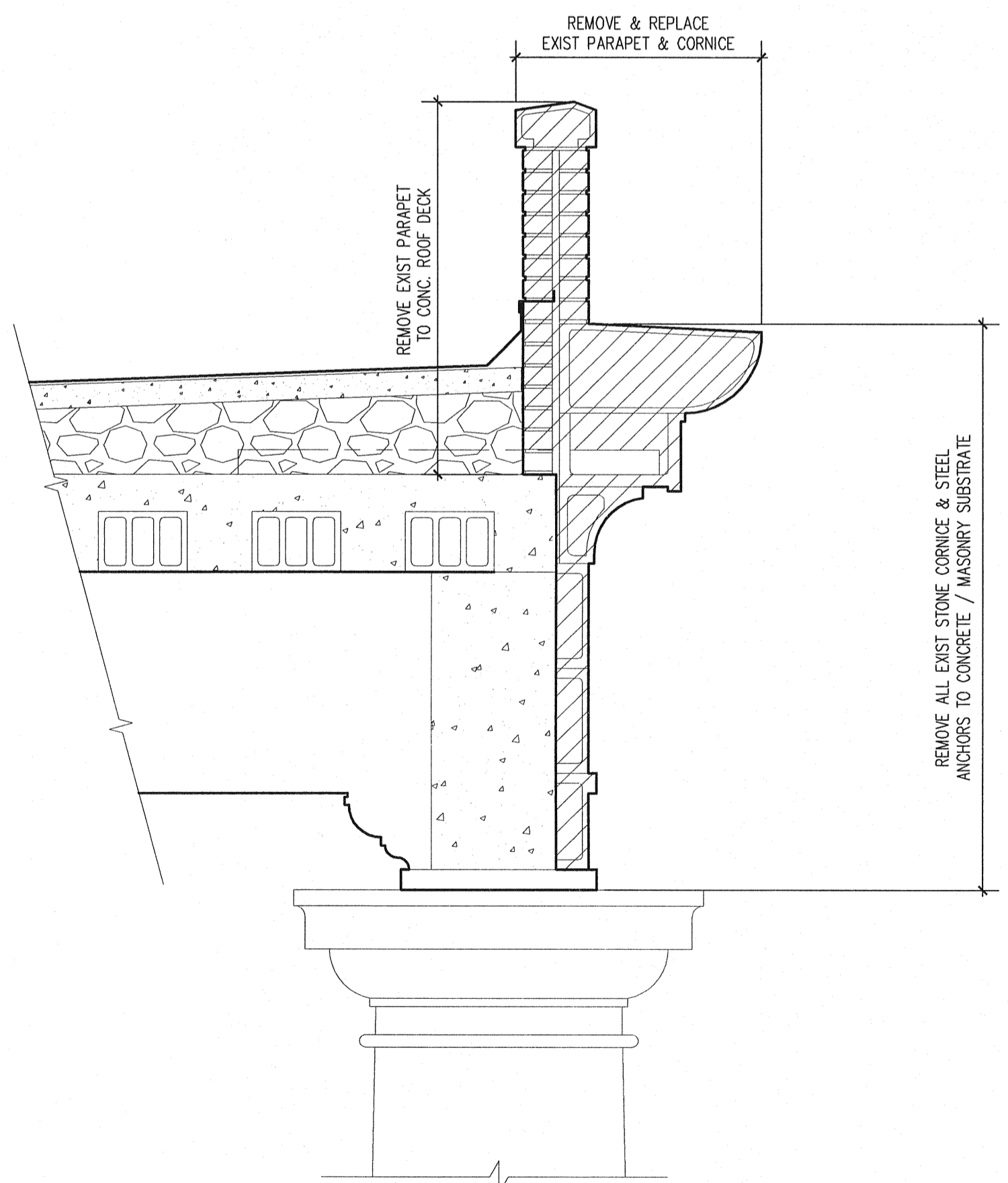


**CURB DETAIL**  
C.I.P. CONCRETE w/ (5) #4 CONT. & #3 TIES @ 12" o.c. w/ 2" CONC. COVER

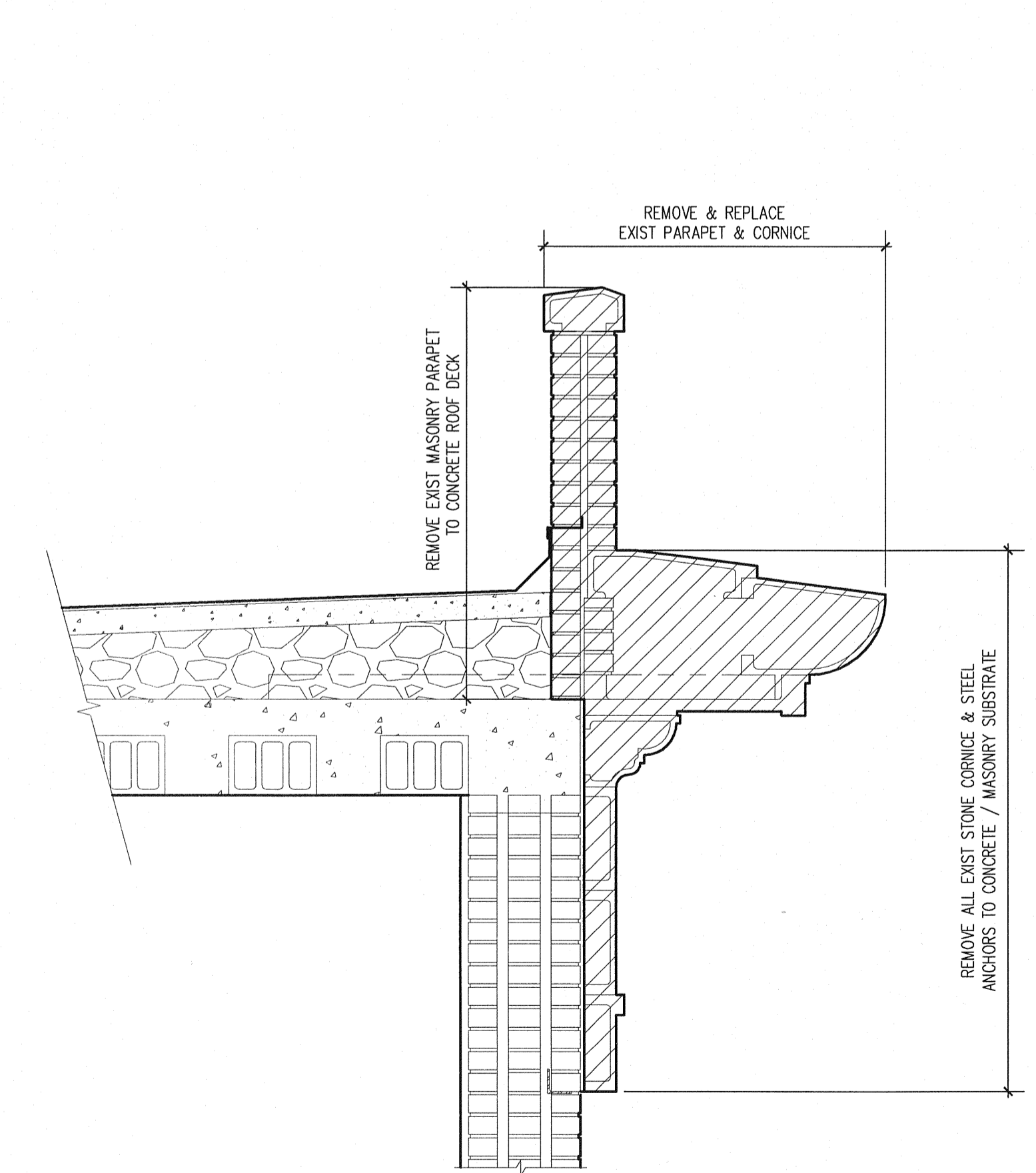
# DEMOLITION DETAILS



**E** EXISTING CORNICE - TYPE I  
S-1 south SCALE: 3/4" = 1'-0"



**F** EXISTING CORNICE - TYPE II  
S-1 colonnade SCALE: 3/4" = 1'-0"



**G** EXISTING CORNICE - TYPE III  
S-1 middle SCALE: 3/4" = 1'-0"

CORNICE LEGEND		
MARK	DESCRIPTION	DESCRIPTION
1	FRIEZE	PRE-ENGINEERED GFRC FRIEZE SYSTEM DESIGNED BY OTHERS TO MATCH EXISTING
2	FASTENERS	STAINLESS STEEL MASONRY FASTENERS AS REQUIRED BY PRE-ENGINEERED GFRC SUPPORT SYSTEM
3	CORNICE	PRE-ENGINEERED GFRC CORNICE SYSTEM DESIGNED BY OTHERS TO MATCH EXISTING
4	BASE FLASHING	PRE-FINISHED METAL BASE FLASHING PER ARCH'L
5	PARAPET WALL	(2) WYTHE SOLID MASONRY PARAPET w/ #4 VERT @ 48" o.c. & JOINT REINF @ 16" o.c. TO MATCH EXIST
6	COPING	CAST-IN-PLACE CONCRETE w/ (2) #4 CONT & #4 DOWELS @ 48" o.c. INTO SOLID MASONRY PARAPET WALL
7	CAP FLASHING	PRE-FINISHED METAL THRU-WALL FLASHING w/ HEMED EDGE @ OUTSIDE & OVER ROOF MEMBRANE @ INSIDE
8	LINTEL	1.3x3x3/8 GALVANIZED STEEL OVER WINDOW OPENINGS
9	CURB	CONCRETE CURB w/ #4 VERTICAL DOWELS @ 24" DRILL & EPOXY w/ 8" EMBED INTO EXIST CONCRETE

GFRC = GLASS FIBER REINFORCED CONCRETE

**PLAN NOTES:**

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS AND/OR EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION.
- REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF EXTERIOR CORNICE/PARAPET REPAIRS AND FLASHING DETAILS.
- REFER TO STRUCTURAL NOTES SHEET S-2 FOR ADDITIONAL INFO.
- EXISTING ROOF SYSTEM CONSISTS OF LIGHT-WEIGHT ROOFING o/ INSULATION AND CONCRETE ROOF DECK.
- ALL DIMENSIONS OF NEW CORNICE AND PARAPET WALLS SHALL MATCH EXISTING CONDITIONS.
- SAW CUT CONTROL JOINTS IN NEW COPING TO MATCH EXISTING.
- THE DESIGN OF ALL NEW GFRC CORNICE & FRIEZE COMPONENTS AND FASTENING ARE HEREBY DELEGATED TO A SPECIALTY ENGINEER WITH EXPERTISE IN THESE SYSTEMS. SHOP DRAWINGS OF SUCH SHALL BE SIGNED & SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER AND SUBMITTED TO THE ARCHITECT/ENGINEER OF RECORD FOR REVIEW PRIOR TO FABRICATION.

GLENN W. WARBURTON  
PROFESSIONAL ENGINEER #4002  
9/15/10

**ZNS ENGINEERING**  
ENGINEERS | PLANNERS | SURVEYORS  
LANDSCAPE ARCHITECTS | ENVIRONMENTAL CONSULTANTS  
NOTHING TO BE CONSIDERED AS A CONTRACT DOCUMENT UNLESS REFERRED TO AS SUCH IN THE CONTRACT DOCUMENTS.

**JERRY N. ZOLLER P.A.**  
ARCHITECT / PLANNER  
914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
EXTERIOR RENOVATION  
1115 MANATEE AVENUE WEST  
BRADENTON, FLORIDA

job no 00-42078  
date 09/21/10  
drawn GWN  
checked  
revisions

sheet  
**S-1**



**STRUCTURAL NOTES**

**GENERAL NOTES:**  
 STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO INSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIE-DOWNS.

**DESIGN LOADS:**  
 THE STRUCTURAL REPAIRS FOR THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2007 FLORIDA BUILDING CODE - EXISTING BUILDINGS & THE FOLLOWING DESIGN CRITERIA.  
 WIND:  
 130 MPH BASIC WIND SPEED (ASCE 7-05).  
 EXPOSURE "B", IMPORTANCE FACTOR (I) = 1.0  
 "ENCLOSED" BUILDING CLASSIFICATION G<sub>cp</sub> = +/- 0.18

**SHOP DRAWING REVIEW:**  
 SHOP DRAWINGS WILL BE REVIEWED FOR GENERAL COMPLIANCE WITH THE DESIGN INTENT OF THE CONTRACT DOCUMENTS ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY COMPLIANCE WITH THE CONTRACT DOCUMENTS AS TO QUANTITY, LENGTH, ELEVATIONS, DIMENSIONS, ETC. IN ALL INSTANCES THE CONTRACT DOCUMENTS WILL GOVERN OVER THE SHOP DRAWINGS UNLESS OTHERWISE SPECIFIED IN WRITING BY THE ENGINEER. ALL SHOP DRAWINGS SHALL BE REVIEWED BY THE CONTRACTOR PRIOR TO SUBMITTAL TO THE ARCHITECT/ENGINEER. DRAWINGS SUBMITTED WITHOUT REVIEW WILL BE RETURNED UNCHECKED.

**CONCRETE:**  
 CONCRETE SHALL BE PER AN APPROVED MIX DESIGN PROPORTIONED TO ACHIEVE A STRENGTH OF 3000 psi AT 28 DAYS.

SUBMIT PROPOSED MIX DESIGN WITH RECENT FIELD TESTS AND STATISTICAL BACK-UP DATA AS PER CHAPTER 5 OF ACI 318 FOR REVIEW PRIOR TO USE. EACH MIX SHALL BE UNIQUELY IDENTIFIED BY MIX NUMBER OR OTHER POSITIVE IDENTIFICATION AND INCLUDE A WRITTEN DESCRIPTION INDICATING WHERE EACH PARTICULAR MIX IS TO BE PLACED WITHIN THE STRUCTURE. MIX SHALL MEET THE REQUIREMENTS OF ASTM C33 FOR COARSE AGGREGATE. CONCRETE SHALL COMPLY WITH ALL THE REQUIREMENTS OF ASTM STANDARD C94 FOR MEASURING, MIXING, TRANSPORTING, ETC. CONCRETE SHALL BE PLACED AND CURED ACCORDING TO ALL STANDARDS AND SPECIFICATIONS. CONCRETE TICKETS SHALL BE TIME STAMPED WHEN CONCRETE IS BATCHED. THE MAXIMUM TIME ALLOWED FROM THE TIME THE MIXING WATER IS ADDED UNTIL IT IS DEPOSITED IN ITS FINAL POSITION SHALL NOT EXCEED ONE AND ONE HALF (1-1/2) HOURS. IF FOR ANY REASON THERE IS A LONGER DELAY THAN THAT STATED ABOVE, THE CONCRETE SHALL BE DISCARDED. IT SHALL BE THE RESPONSIBILITY OF THE TESTING LAB TO NOTIFY THE OWNER'S REPRESENTATIVE AND THE CONTRACTOR OF ANY NONCOMPLIANCE WITH THE ABOVE. CALCIUM CHLORIDE'S SHALL NOT BE UTILIZED; OTHER ADMIXTURES MAY BE USED ONLY WITH THE APPROVAL OF THE ENGINEER.

**FORMWORK AND SHORING:**  
 NO STRUCTURAL CONCRETE SHALL BE STRIPPED UNTIL IT HAS REACHED AT LEAST TWO-THIRDS OF THE 28 DAY DESIGN STRENGTH. DESIGN, ERECTION AND REMOVAL OF ALL FORMWORK, SHORES AND RESHORES SHALL MEET THE REQUIREMENTS SET FORTH IN ACI STANDARDS 347 AND 301.

**MASONRY WALLS:**  
 BRICK MASONRY TO MATCH EXISTING SHALL BE CONSTRUCTED WITH TYPE "N" MORTAR.

CONCRETE MASONRY UNITS SHALL MEET ASTM C-90 FOR HOLLOW LOAD BEARING TYPE MASONRY WITH UNIT STRENGTH OF 1900 psi ON THE NET AREA (f<sub>m</sub> = 1500 psi). MORTAR SHALL BE TYPE "M" OR "S" AND MEET ASTM C-270. GROUT SHALL BE 2000 psi MINIMUM COMPRESSIVE STRENGTH AND MEET ASTM C-476.

PROVIDE ACI STANDARD HOOKS FOR FOOTING DOWELS AND TERMINATION OF ALL VERTICAL REINFORCING. LAP SPLICES SHALL BE 48 BAR DIAMETERS. PROVIDE 9 GAGE GALVANIZED HORIZONTAL JOINT REINFORCING (DUR-O-WALL OR ENGINEER APPROVED SUBSTITUTION) AT ALTERNATE BLOCK COURSES.

**TE BEAMS:**  
 BEAMS WITH THE PREFIX "TB" SHALL BE OF POURED AFTER THE BLOCK WALLS BELOW ARE IN PLACE. REINFORCING SHALL BE CONTINUOUS THROUGH THE BEAMS WITH MINIMUM LAP SPLICES OF 48 BAR DIAMETERS AND BENT BARS AT CORNERS. USE METAL LATH, MORTAR, OR SPECIAL UNITS TO CONFINE CONCRETE TO AREA REQUIRED, IN ACCORDANCE WITH ACI 530.1, SECTION 4.3.3.3 (SOLID METAL OR FELT CAVITY CAPS ARE PROHIBITED).

**LINTELS:**  
 MASONRY OPENINGS LESS THAN 6 FEET SHALL BE SPANNED WITH STEEL ANGLES (L3 1/2"x3 1/2") BEARING A MINIMUM OF 3" AT EACH END.

**REINFORCING STEEL:**  
 SHALL BE ASTM A615 GRADE 60 DEFORMED BARS, FREE FROM OIL, SCALE AND RUST AND PLACED IN ACCORDANCE WITH THE TYPICAL BENDING DIAGRAM AND PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS. SECURE APPROVAL OF SHOP DRAWINGS PRIOR TO COMMENCING FABRICATION. WELDED WIRE FABRIC: TO CONFORM TO ASTM A-185, FREE FROM OIL, SCALE AND RUST AND PLACED IN ACCORDANCE WITH THE TYPICAL PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS. MINIMUM LAP SHALL BE ONE SPACE PLUS TWO INCHES.

**CHEMICAL ANCHORS:**  
 SHALL BE AN EQUAL TWO PART STRUCTURAL EPOXY, SUCH AS RAMSET "EPCON", RAWL "POWER-FAST", SIMPSON STRONG-TIE "SET", OR ENGINEER APPROVED SUBSTITUTION, INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

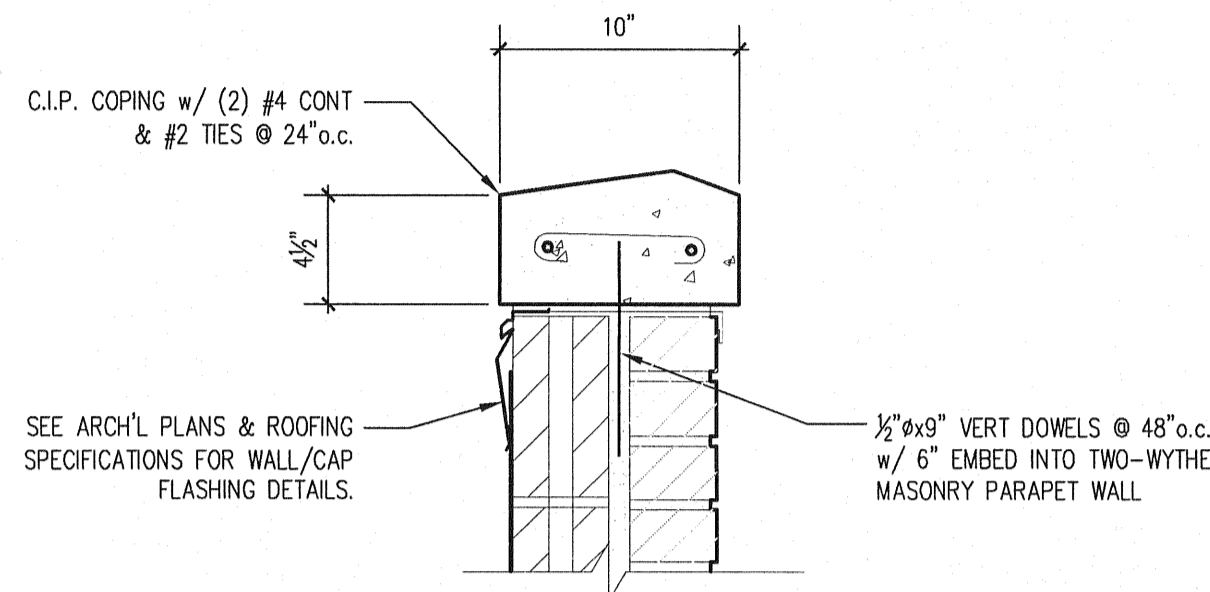
**PENETRATIONS:**  
 NO PENETRATIONS SHALL BE MADE IN ANY STRUCTURAL MEMBERS OTHER THAN THOSE LOCATED ON THESE DRAWINGS WITHOUT PREVIOUS APPROVAL OF THE ENGINEER.

**STRUCTURAL STEEL:**  
 SHALL CONFORM TO ASTM A36 or A992 & THE "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. ALL SHOP CONNECTIONS TO BE WELDED (UTILIZING E70XX ELECTRODES) AND FIELD CONNECTIONS TO BE BOLTED, UNLESS NOTED OTHERWISE. STEEL TO RECEIVE ONE SHOP COAT AND ONE FIELD TOUCH UP COAT OF APPROVED PAINT, EXCEPT WHERE GALVANIZING IS INDICATED ON THE DRAWINGS.

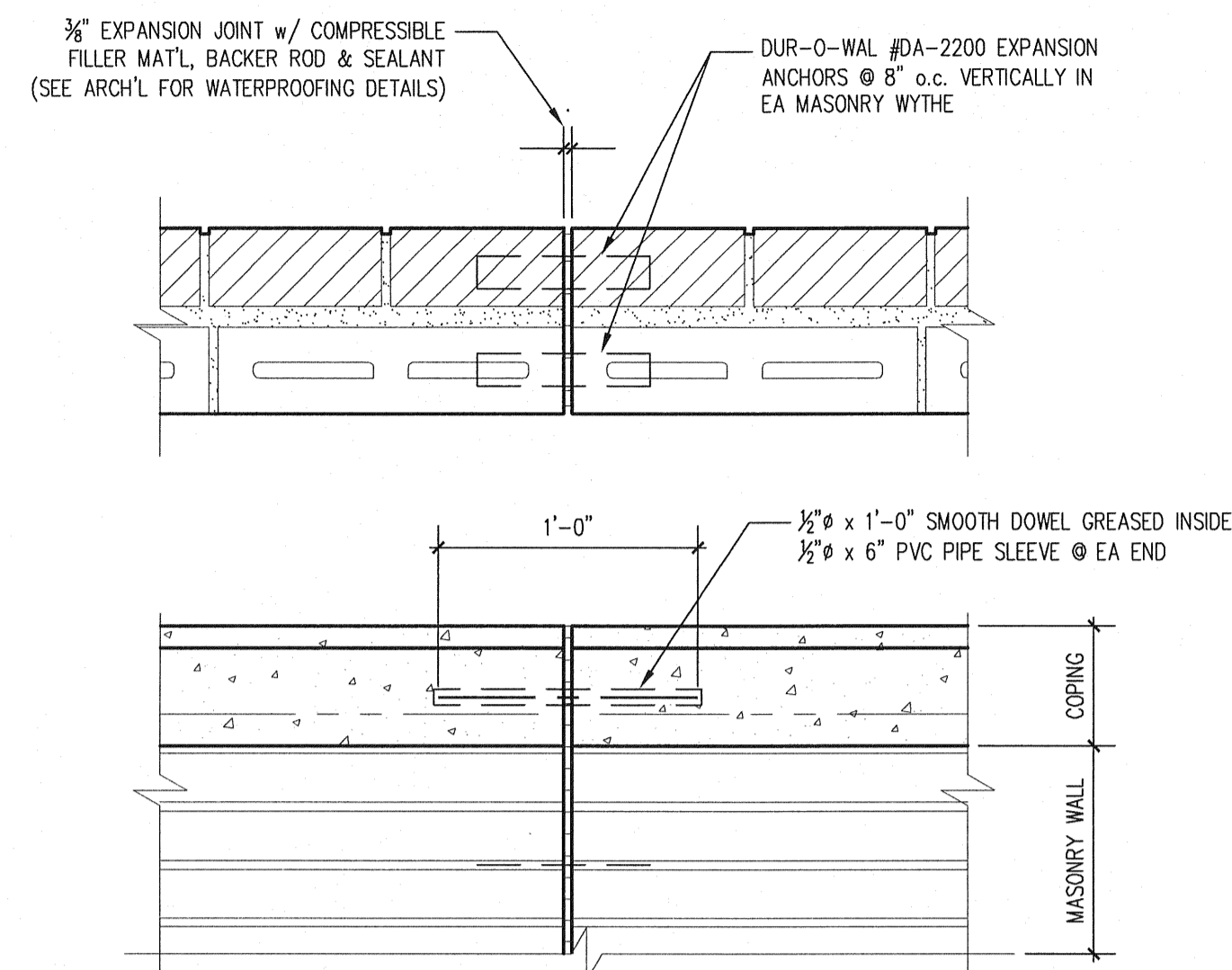
STRUCTURAL TUBING SHALL CONFORM TO ASTM A-500, GRADE B, F<sub>y</sub>=46 ksi.  
 STRUCTURAL PIPE SHALL CONFORM TO ASTM A-53 GRADE B, TYPE E OR S, F<sub>y</sub>=35 ksi  
 ALL BOLTED CONNECTIONS SHALL CONSIST OF MINIMUM 3/4 INCH DIAMETER ASTM A-325 HIGH STRENGTH BOLTS. BEAM CONNECTIONS SHALL BE DESIGNED BY THE FABRICATOR FOR THE REACTIONS SHOWN ON THE PLANS. IF NOT SHOWN, THE FABRICATOR SHALL DESIGN THE BEAM CONNECTIONS TO SUPPORT AN END REACTION OF W/2 KIPS FROM THE TABLES IN PART 2 "ALLOWABLE UNIFORM LOADS IN KIPS FOR BEAMS LATERALLY SUPPORTED" OF THE MANUAL OF STEEL CONSTRUCTION (9TH EDITION), BUT CONNECTIONS SHALL NOT HAVE LESS THAN 2 ROWS OF BOLTS. ANCHOR BOLTS SHALL CONFORM TO ASTM A-307 OR A-36 (THREADED ROD).

**MACHINE AND LAG BOLTS:**  
 SHALL BE A-307 HOT DIPPED GALVANIZED WITH GALVANIZED WASHERS.

**SHEAR STUD CONNECTORS:**  
 SHEAR STUD CONNECTORS SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH AWS D1.1 "STRUCTURAL WELDING CODE", SECTION 7 - STUD WELDING. STUDS SHALL BE TYPE "B", HEADED STUDS HAVING A MINIMUM TENSILE STRENGTH OF 60,000 psi, AND SHALL BE OF LENGTH AND DIAMETER SHOWN ON STRUCTURAL DRAWINGS.



**A COPING DETAIL**  
 SCALE: 1 1/2" = 1'-0"



**B EXPANSION JOINT DETAIL**  
 SCALE: 1 1/2" = 1'-0"

130 mph, Exposure B, I=1.0

**COMPONENTS & CLADDING DESIGN PRESSURES**

Element Tributary Area (sq ft)	ROOF				WALLS	
	Zone 1	Zone 2	Zone 3	Overhang Zone 1 & 2	Zone 4	Zone 5
10	+15.0/-36.9	+15.0/-61.9	+15.0/-93.1	-53.1	+36.9/-33.8	+36.9/-71.3
20	+14.1/-35.9	+14.1/-55.6	+14.1/-77.5	-52.2	+35.3/-38.4	+35.3/-46.3
50	+12.8/-34.7	+12.8/-46.3	+12.8/-55.6	-51.0	+33.1/-36.3	+33.1/-41.6
100	+11.9/-33.8	+11.9/-40.0	+11.9/-40.0	-50.0	+31.3/-34.4	+31.3/-38.4

NOTES: Zone 1 = Roof areas not designated as zone 2/3.  
 Zone 2 = Roof areas within 30 feet of building exterior walls not including the overhangs.  
 Zone 3 = Roof areas within 30 feet of building corners not including the overhangs.  
 Zone 4 = Wall areas not designated as zone 5.  
 Zone 5 = Wall areas within 30 feet of building corners.

GLENN W. WARBURTON  
 PROFESSIONAL ENGINEER #46023  
 9/21/10

**ZNS ENGINEERING**  
 ENGINEERS | PLANNERS | SURVEYORS  
 LANDSCAPE ARCHITECTS | ENVIRONMENTAL CONSULTANTS  
 15000 W. BUCKLEBOURNE COURT, SUITE 100, BUCKLEBOURNE, FL 32826  
 (407) 239-0300 FAX (407) 239-0301

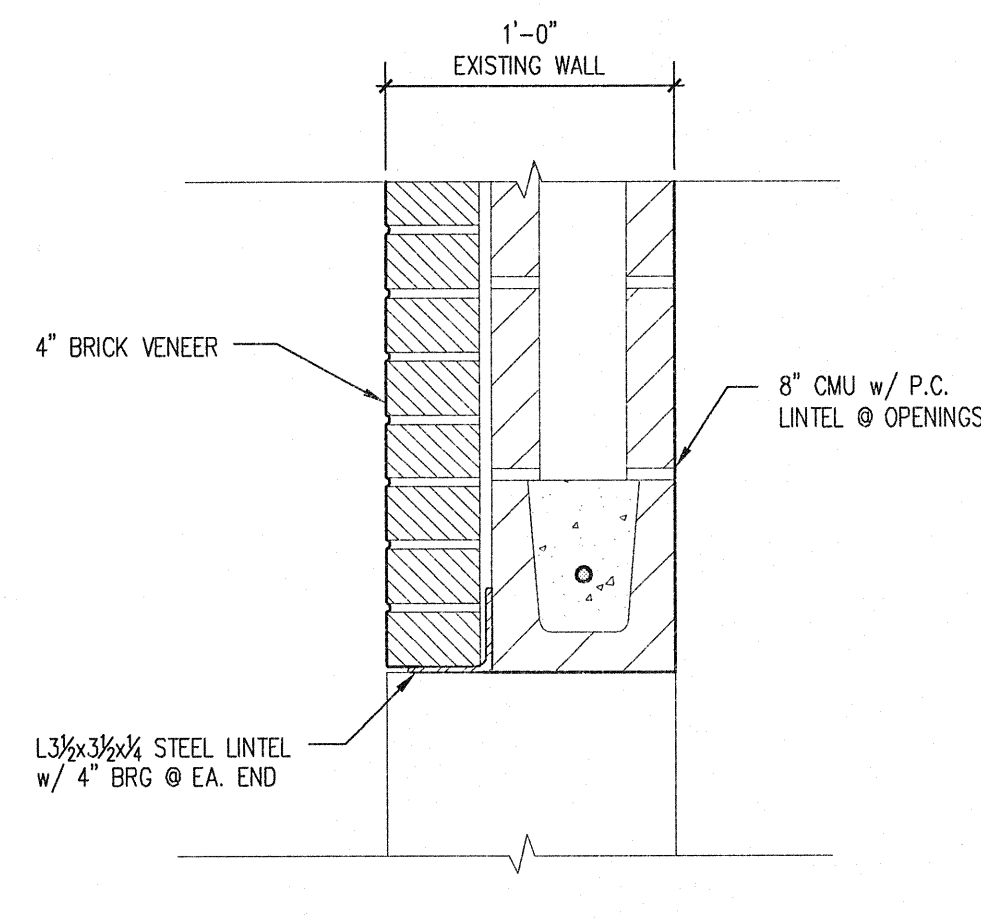
**JERRY N. ZOLLER AIA**  
**ARCHITECT / PLANNER P.A.**  
 914 14th STREET W. BRADENTON, FL 34205 PHONE 748-4465

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST BRADENTON, FLORIDA

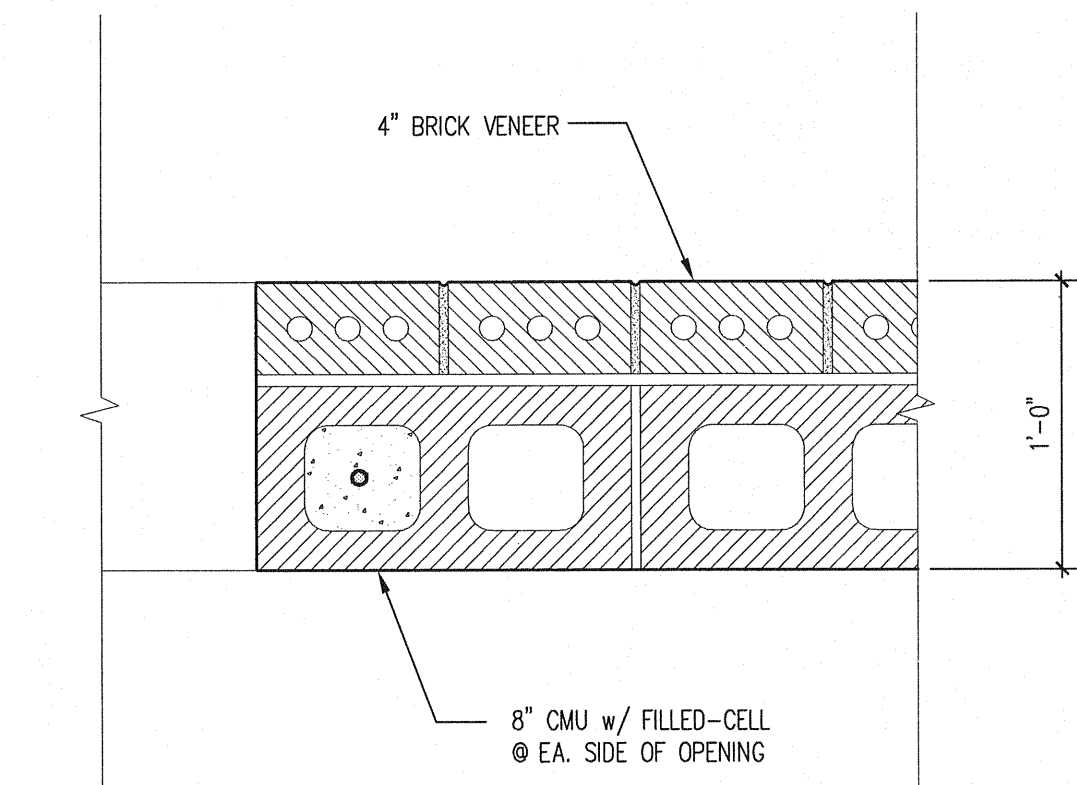
job no 00-42078  
 date 09/21/10  
 drawn GWN  
 checked  
 revisions

sheet  
**S-2**

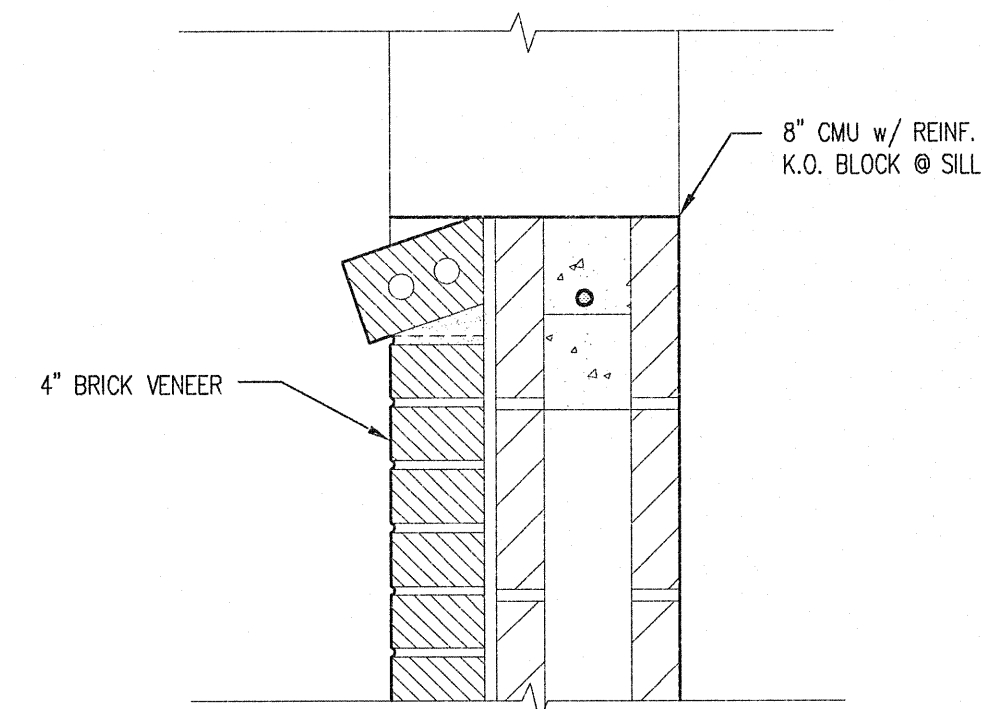




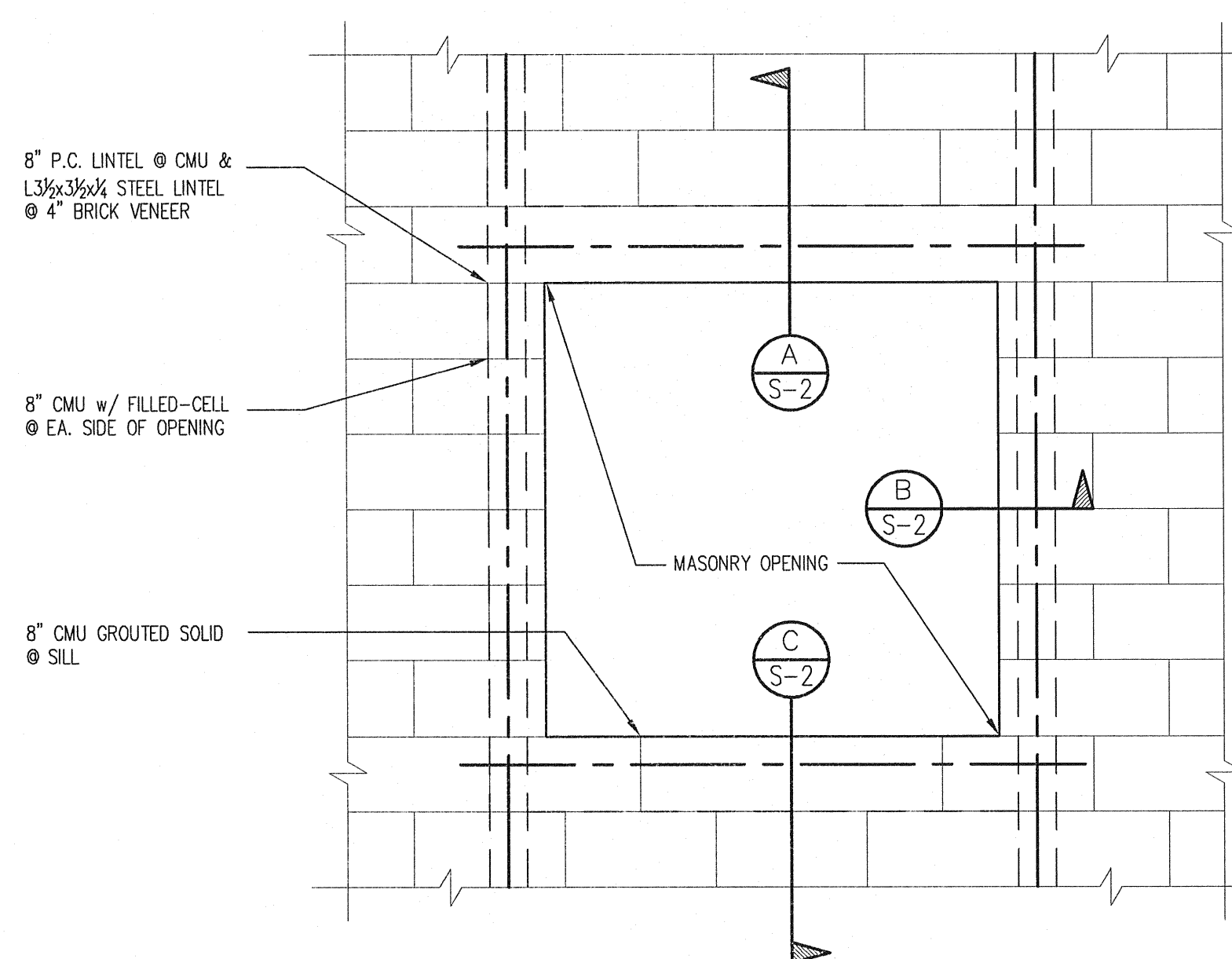
**A HEAD DETAIL**  
SCALE : 1 1/2" = 1'-0"



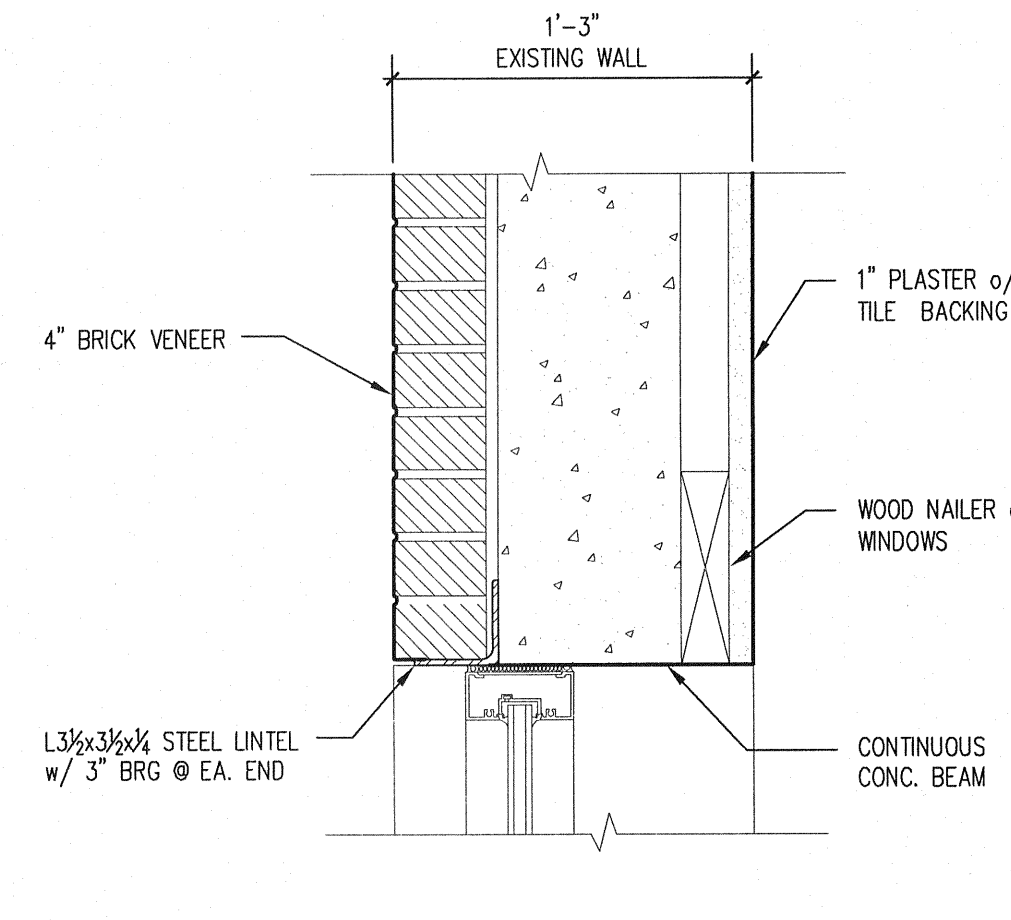
**B JAMB DETAIL**  
SCALE : 1 1/2" = 1'-0"



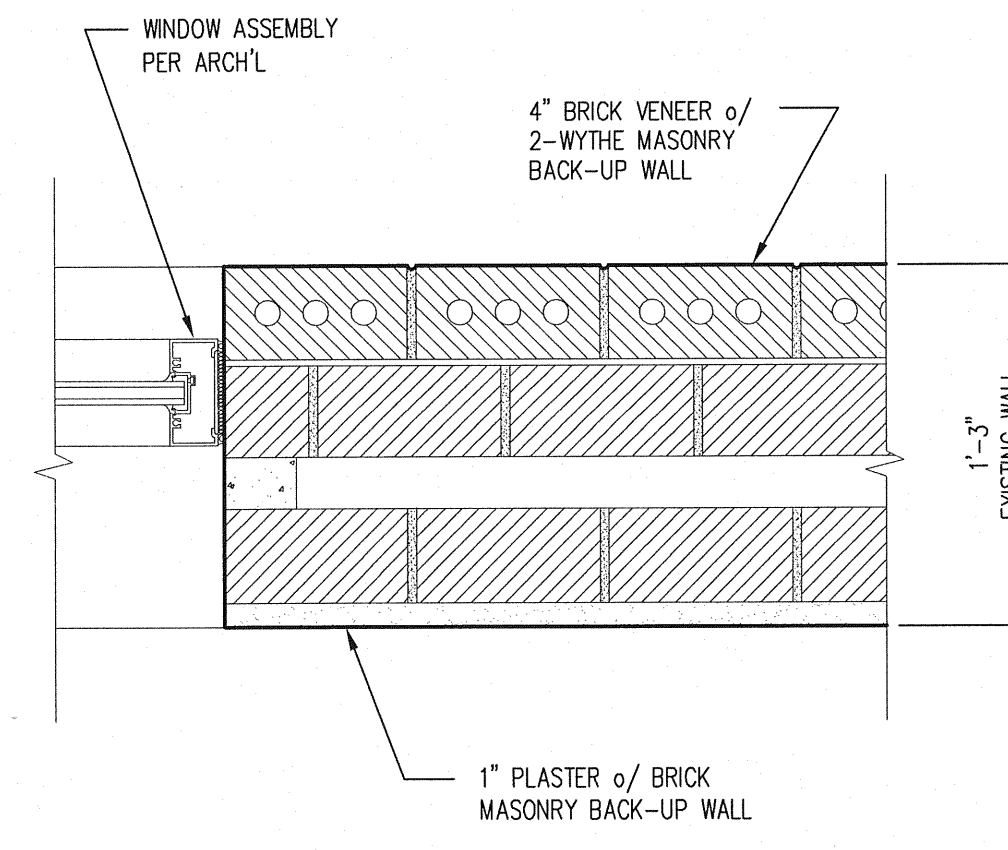
**C SILL DETAIL**  
SCALE : 1 1/2" = 1'-0"



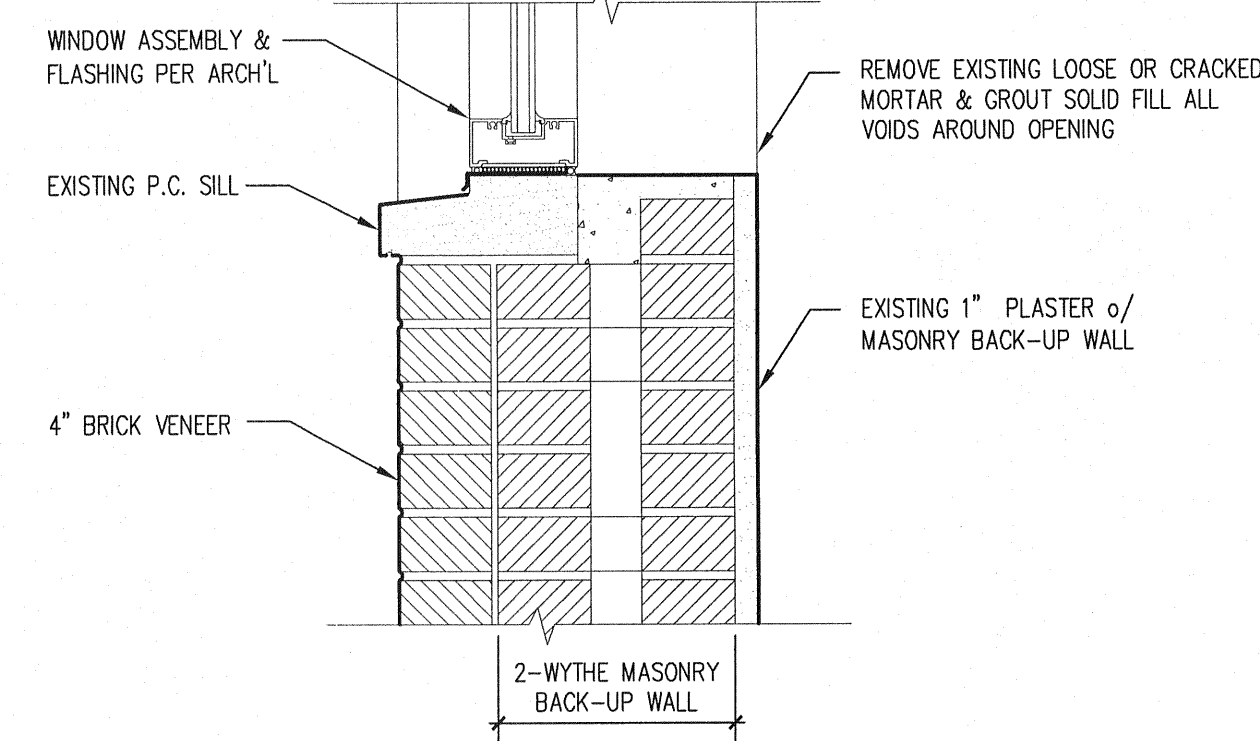
**CMU OPENING ELEVATION**  
SCALE : 3/4" = 1'-0"



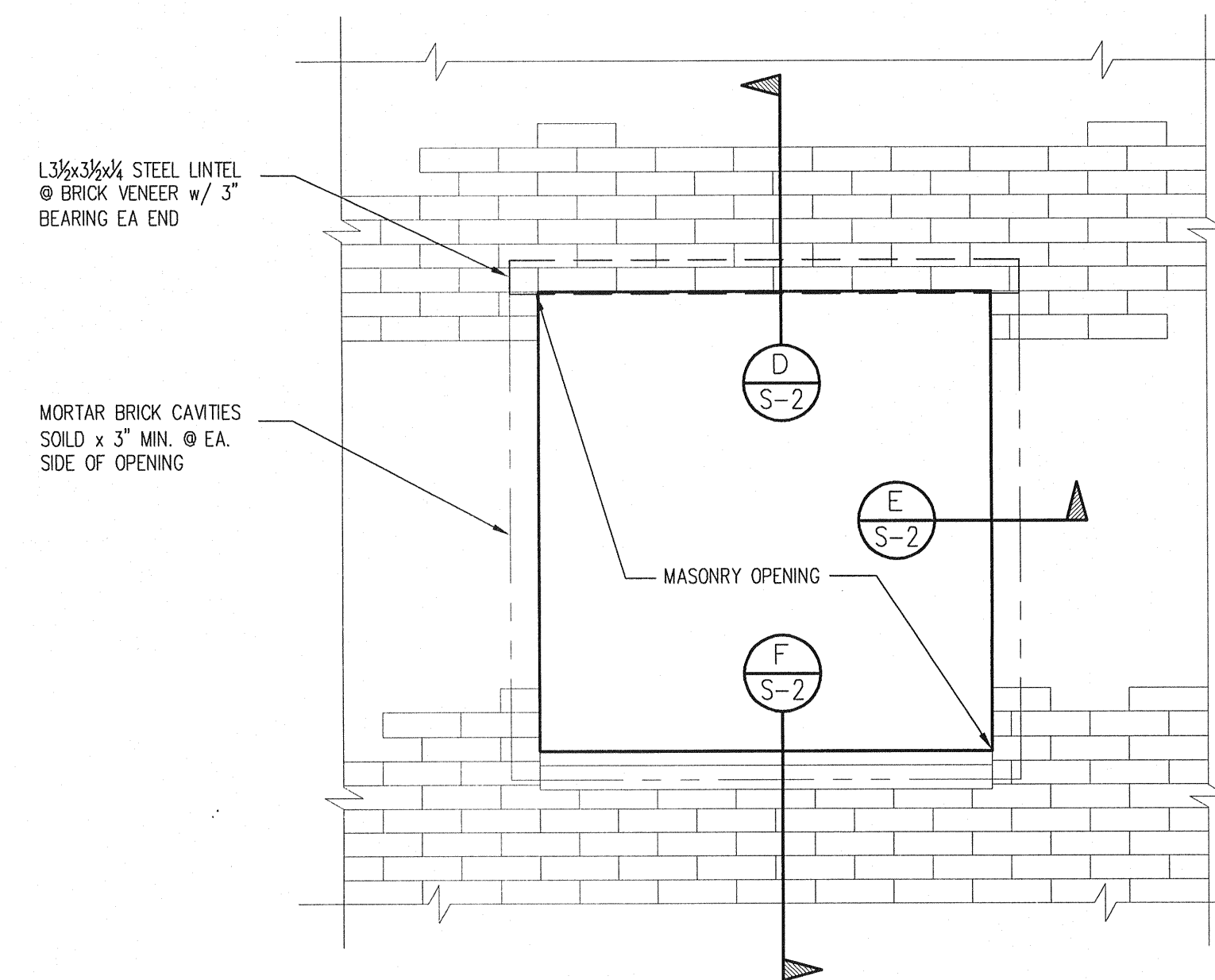
**D HEAD DETAIL**  
SCALE : 1 1/2" = 1'-0"



**E JAMB DETAIL**  
SCALE : 1 1/2" = 1'-0"



**F SILL DETAIL**  
SCALE : 1 1/2" = 1'-0"



**BRICK OPENING ELEVATION**  
SCALE : 3/4" = 1'-0"

**PLAN NOTES:**

1. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WITH ARCHITECTURAL DRAWINGS AND/OR EXISTING CONDITIONS PRIOR TO COMMENCING CONSTRUCTION.
2. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF EXTERIOR CORNICE/PARAPET REPAIRS AND FLASHING DETAILS.
3. REFER TO STRUCTURAL NOTES SHEET S-2 FOR ADDITIONAL INFO.
4. EXISTING ROOF SYSTEM CONSISTS OF LIGHT-WEIGHT ROOFING o/ INSULATION AND CONCRETE ROOF DECK.
5. ALL DIMENSIONS OF NEW CORNICE AND PARAPET WALLS SHALL MATCH EXISTING CONDITIONS.
6. SAW CUT CONTROL JOINTS IN NEW COPING TO MATCH EXISTING.
7. THE DESIGN OF ALL NEW GFRG CORNICE & FRIEZE COMPONENTS AND FASTENING ARE HEREBY DELEGATED TO A SPECIALTY ENGINEER WITH EXPERTISE IN THESE SYSTEMS. SHOP DRAWINGS OF SUCH SHALL BE SIGNED & SEALED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER AND SUBMITTED TO THE ARCHITECT/ENGINEER OF RECORD FOR REVIEW PRIOR TO FABRICATION.

GLENN W. WARBURTON  
PROFESSIONAL ENGINEER #46023  
9/21/10

**ZNS ENGINEERING**  
ENGINEERS | PLANNERS | SURVEYORS  
LANDSCAPE ARCHITECTS | ENVIRONMENTAL CONSULTANTS  
1115 MANATEE AVENUE WEST  
BRADENTON, FLORIDA 34205  
PHONE 748-4405

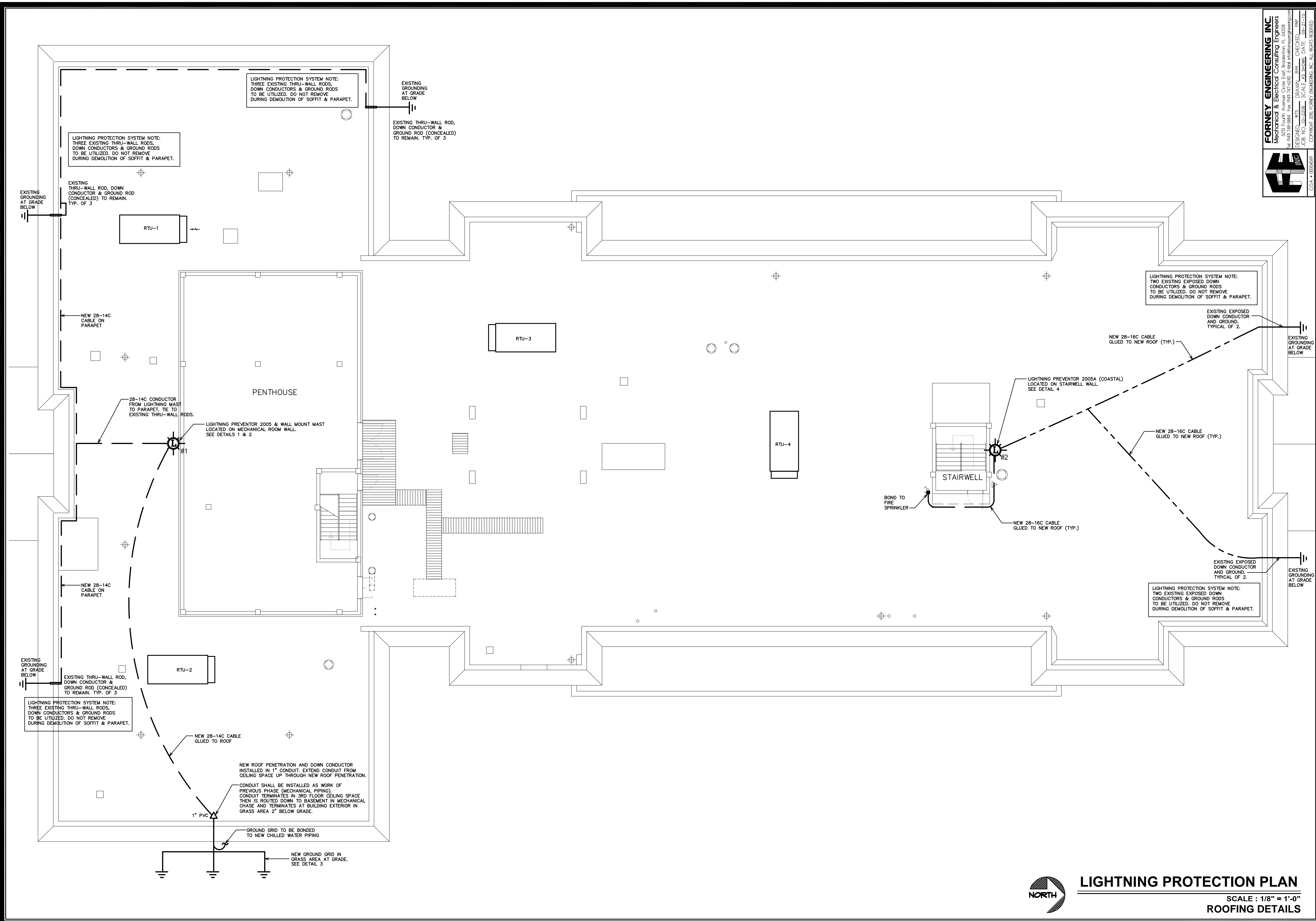
**AIA P.A.**  
**JERRY N. ZOLLER**  
ARCHITECT / PLANNER  
914 14th STREET W. BRADENTON, FL. 34205 PHONE 748-4405

PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
EXTERIOR RENOVATION  
1115 MANATEE AVENUE WEST  
BRADENTON, FLORIDA

job no 00-42078  
date 09/21/10  
drawn DMW  
checked  
revisions

sheet

S-3



**FORNEY ENGINEERING INC.**  
 Mechanical & Electrical Consulting Engineers  
 5213 Fourth Avenue Circle East, Bradenton, FL 34208  
 Tel: 941-748-3884 Fax: 941-747-2540 E-Mail: info@forneyeng.com  
 DESIGNED BY: [Signature] CHECKED BY: [Signature]  
 DRAWN BY: [Signature] DATE: 09-21-10  
 JOB NO: 08-00288 SCALE: AS SHOWN  
 CONTRACT: 2008 FORNEY ENGINEERS INC. ALL RIGHTS RESERVED  
 COA: 0800288

TO THE BEST OF MY KNOWLEDGE  
 THIS PLAN AND SPECIFICATIONS  
 COMPLY WITH ALL APPLICABLE  
 BUILDING CODES  
 BY: **RODOLFO M. TORRES P.E.**  
 10.32  
 DATE: \_\_\_\_\_  
 S.E.A.I.

**JERRY N. ZOLLER**  
 ARCHITECT / PLANNER  
 914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465

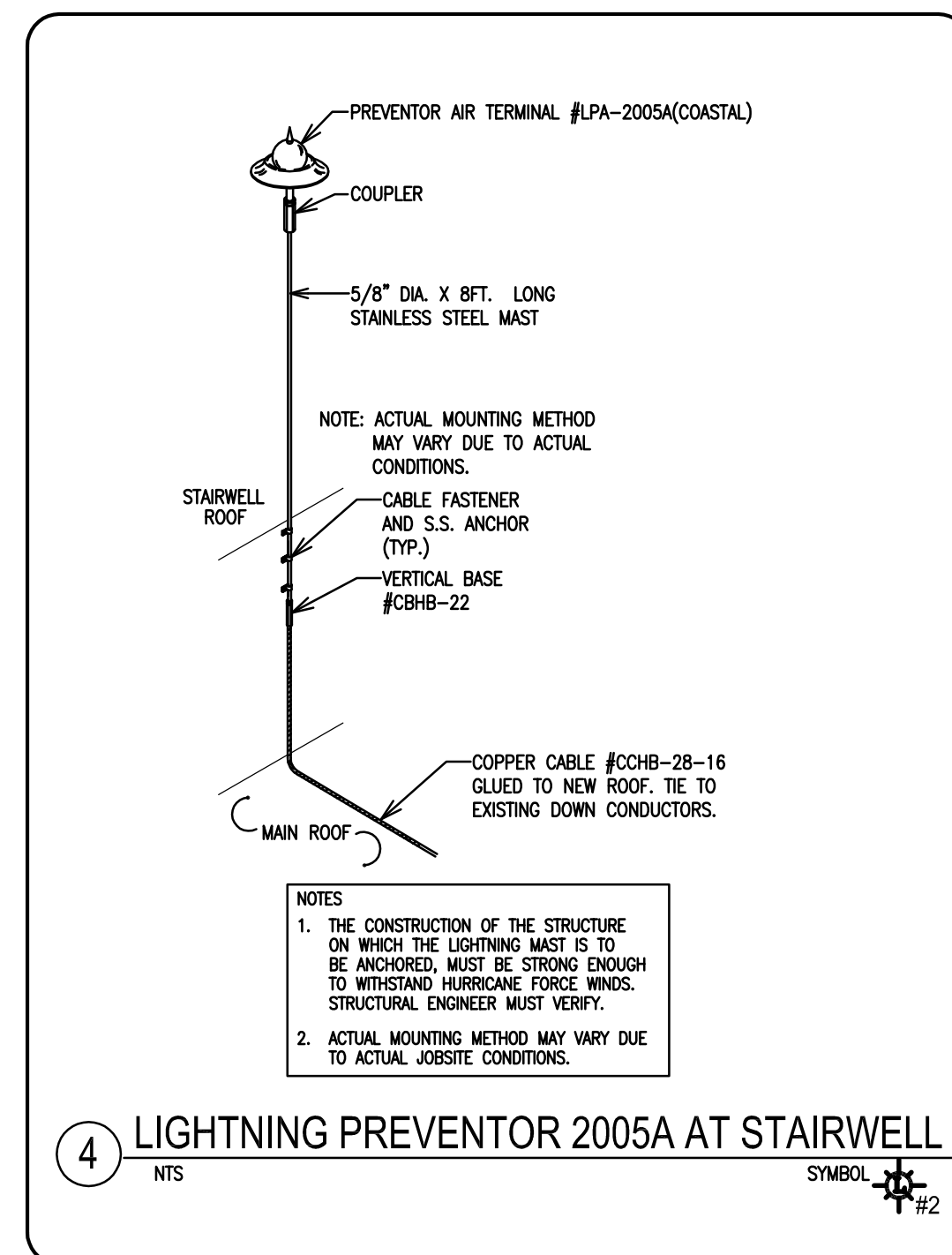
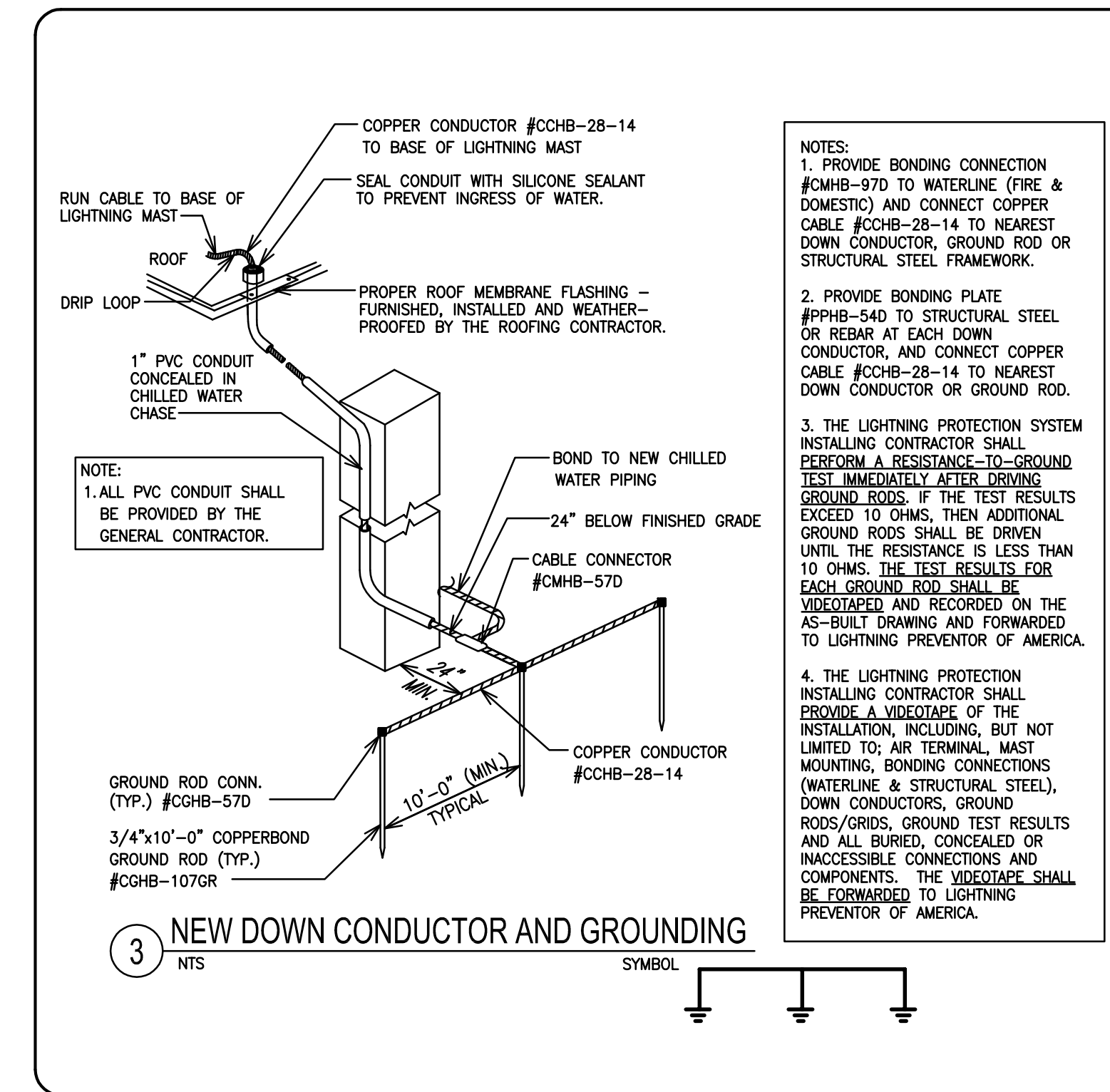
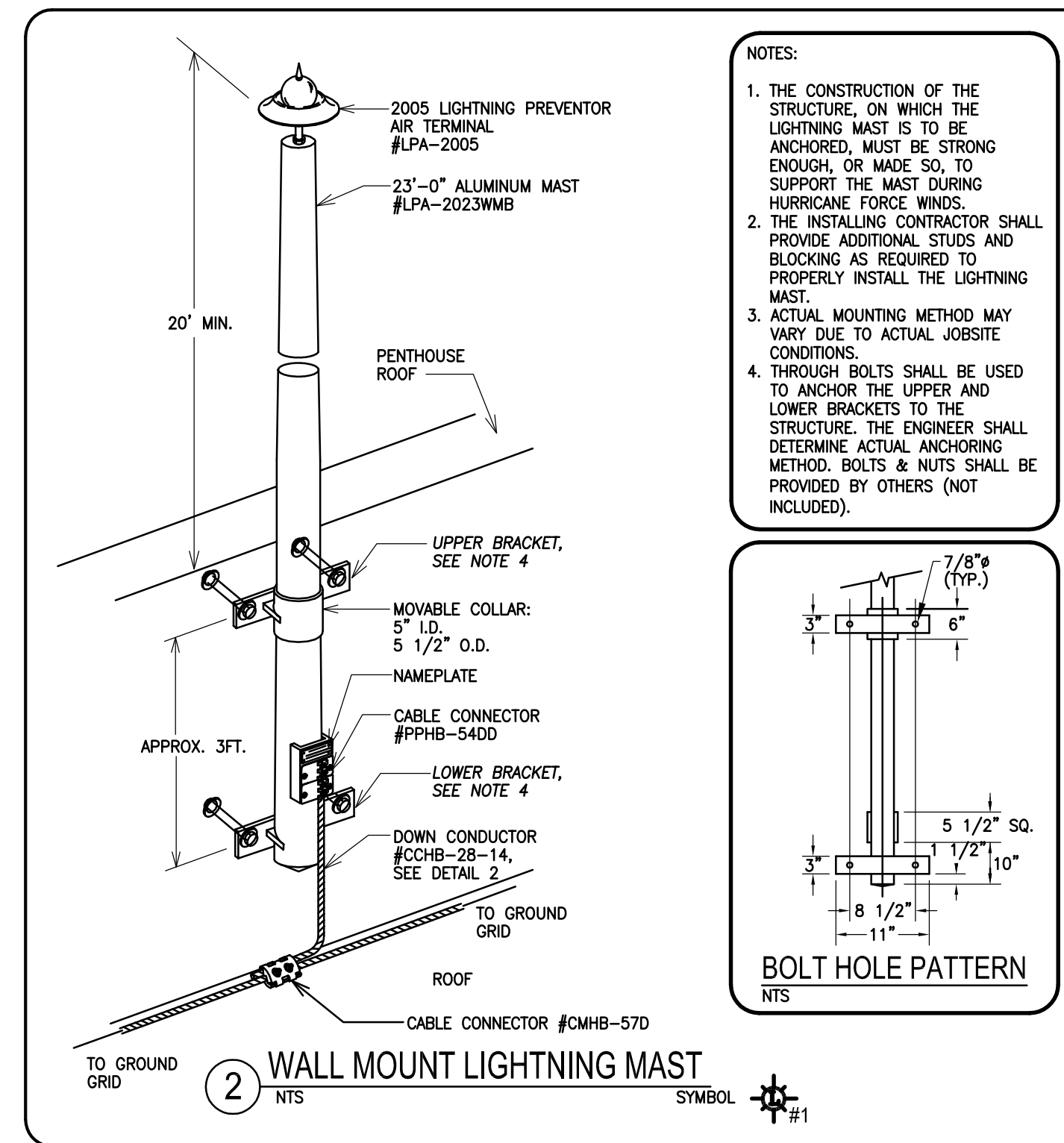
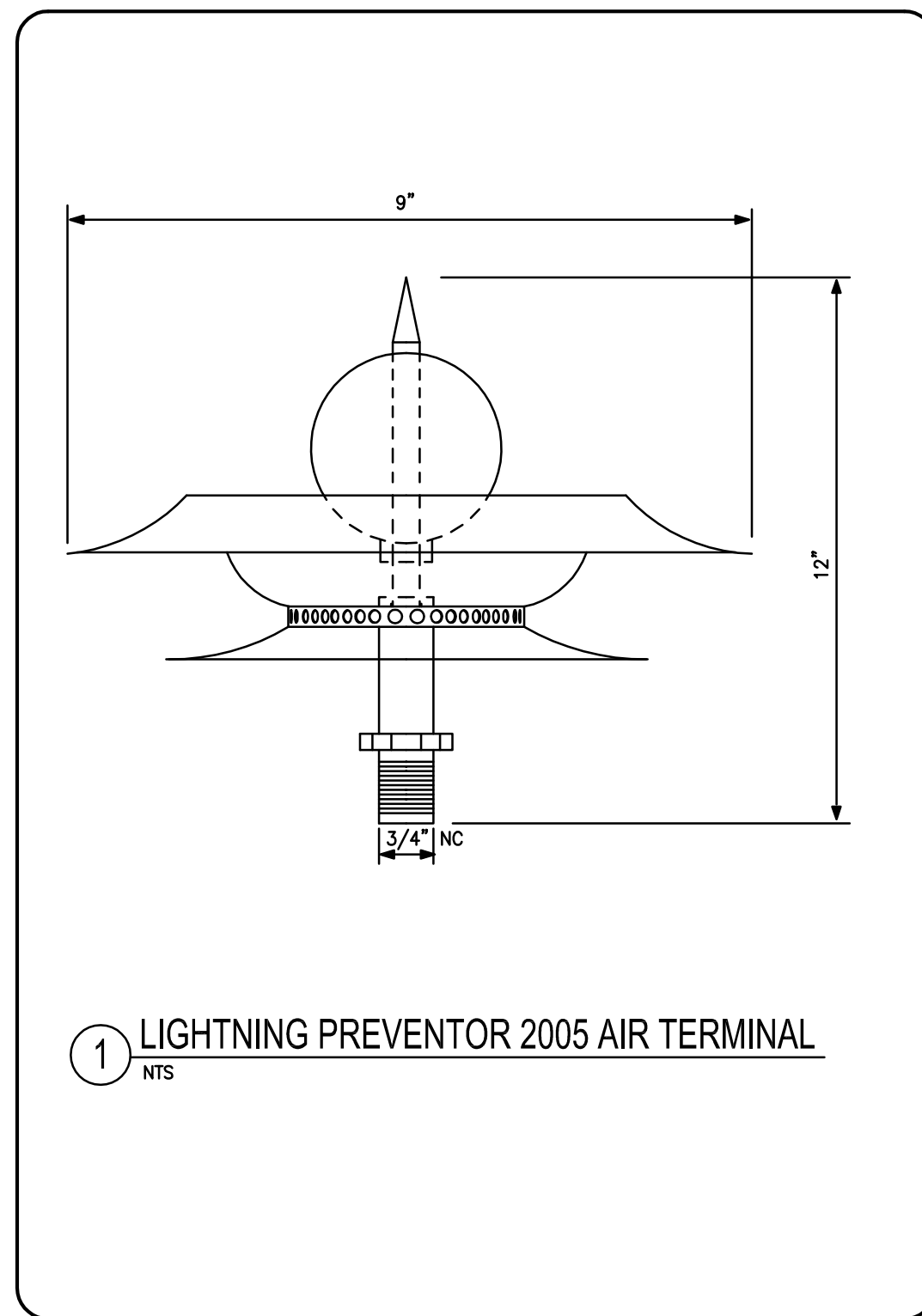
PROPOSED FACADE RENOVATION FOR:  
**MANATEE COUNTY HISTORIC COURTHOUSE**  
**EXTERIOR RENOVATION**  
 1115 MANATEE AVENUE WEST BRADENTON, FLORIDA

Job no	84341
date	09/21/10
drawn	
checked	
revisions	

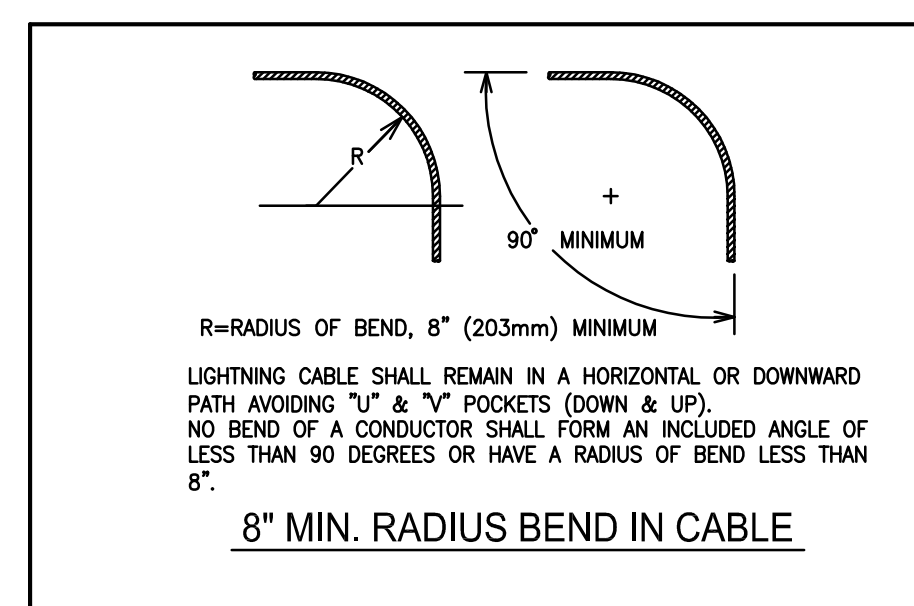
Sheet  
**LP-1**  
 of

**LIGHTNING PROTECTION PLAN**  
 SCALE: 1/8" = 1'-0"  
 ROOFING DETAILS





LIGHTNING PROTECTION MATERIALS		
	LIGHTNING PREVENTOR AIR TERMINAL 2005 WITH 2 1/2" ALUMINUM MAST LOCATED AT MECHANICAL ROOM EXTERIOR WALL	#LPA-2005, #LPA-2023WMB
	LIGHTNING PREVENTOR AIR TERMINAL 2005A WITH 8'-0" STAINLESS STEEL MAST LOCATED AT STAIRWELL EXTERIOR WALL	#LPA-2005A, #LPA-2010-5/8x8SS
---	COPPER LIGHTNING PROTECTION CABLE (FOR USE WITH MAST #1)	#CCHB-28-14
---	COPPER LIGHTNING PROTECTION CABLE (FOR USE WITH MAST #2)	#CCHB-28-16
---	CABLE FASTENERS (FASTEN CABLE EVERY 3FT. MAX.)	#CFHB-72, 66
---	CABLE CONNECTOR (AT BASE OF LIGHTNING MAST #1)	#PPHB-54DD
---	CABLE CONNECTOR (AT BASE OF LIGHTNING MAST #2)	#CBHB-22
---	BONDING PLATE (TO STEEL)	#PPHB-54D
---	CABLE CONNECTOR	#CMHB-57D
---	WATERLINE CONNECTOR (FIRE & DOMESTIC)	#CMHB-97D
---	NEW 3/4" x 10'-0" COPPERBOND GROUND ROD AND CONNECTOR	#CGHB-107CR, #CGHB-57D



- ### LIGHTNING PROTECTION NOTES
- LIGHTNING PROTECTION CONDUCTORS SHALL MAINTAIN A HORIZONTAL OR DOWNWARD COURSE, AVOIDING NUMEROUS BENDS AND TURNS. CONDUCTORS SHALL ALSO BE FREE FROM "U" OR "V" (DOWN AND UP) POCKETS.
  - NO BEND OF A CONDUCTOR SHALL FORM AN ANGLE OF LESS THAN 90° NOR SHALL HAVE A RADIUS OF BEND LESS THAN 8 INCHES.
  - ALL ADHESIVE CABLE FASTENERS SHALL BE SECURED TO THE ROOF WITH AN ADHESIVE COMPOUND OR PITCH THAT COMPLIES WITH THE ROOFING BOND REQUIREMENTS PER THE ROOF MANUFACTURER'S GUARANTEE. ADHESIVE COMPOUND SHALL BE FURNISHED BY THE ROOFING CONTRACTOR.
  - ALL PROPER ROOF FLASHINGS SHALL BE FURNISHED, INSTALLED AND WEATHERPROOFED BY THE ROOFING CONTRACTOR PER THE ROOF MANUFACTURER'S GUARANTEE.
  - ALL PVC CONDUIT SHALL BE FURNISHED, INSTALLED, WEATHERPROOFED AND MAINTAINED FREE FROM OBSTRUCTIONS BY THE ELECTRICAL CONTRACTOR.
  - ACTUAL JOB SITE CONDITIONS MAY REQUIRE SLIGHT ALTERATIONS IN MAST, DOWNLEAD AND GROUND ROD LOCATIONS.
  - BARE COPPER MATERIALS SHALL NOT BE INSTALLED ON ALUMINUM OR GALVALUM SURFACES, AND ALUMINUM MATERIALS SHALL NOT BE INSTALLED ON COPPER SURFACES.
  - ALL LIGHTNING PROTECTION CONDUCTORS SHALL BE FASTENED EVERY 3'-0" MAXIMUM.
  - BOND STRUCTURAL STEEL OR REBAR TO NEAREST DOWN CONDUCTOR OR GROUND ROD.
  - ALL BOLTS ON BOLT PRESSURE CONNECTORS SHALL BE TORQUED AT 150 POUND-INCHES.
  - ALL CONNECTIONS MUST BE USED WITH UL LISTED CABLE OF THE SAME METAL TYPE.
  - THE LIGHTNING PROTECTION SYSTEM SHALL BE INSTALLED IN A NEAT WORKMANLIKE AND INCONSPICUOUS MANNER.
  - PRIOR TO GROUND CONNECTION ON ANY STRUCTURAL STEEL FRAMING, REMOVE ALL PAINT, GREASE, RUST, ETC.
  - CONNECTIONS TO GROUND ROD SHALL BE MADE AT A POINT NOT LESS THAN 1'-0" BELOW FINISHED GRADE AND 2'-0" AWAY FROM THE FOUNDATION WALL.
  - BOND WATERLINES (DOMESTIC & FIRE) TO THE NEAREST STRUCTURAL STEEL, DOWN CONDUCTOR OR GROUND ROD.
  - THE BUILDING GROUND LOOP, INCLUDING GROUND RODS AND BONDING TO BASE OF STRUCTURAL STEEL COLUMNS EVERY 60'-0" O.C., MAY BE USED FOR THE LIGHTNING PROTECTION SYSTEM GROUNDING SYSTEM.
  - ALL ADDITIONAL GROUNDING, OTHER THAN THAT SHOWN ON DRAWING, SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
  - A LIGHTNING ARRESTOR, PROTECTOR OR ANTENNA DISCHARGE UNIT SHALL BE INSTALLED ON EACH ELECTRIC AND TELEPHONE SERVICE AND RADIO AND TELEVISION ANTENNA LEAD-IN BY THE ELECTRICAL CONTRACTOR, OR OTHERS, PER NFPA-70.
  - SURGE TRANSIENT PROTECTION OF SERVICES (TVSS) IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR (I.E. COMPUTERS, COPIERS, TELEPHONE, ETC.)
  - THE LIGHTNING PROTECTION INSTALLING CONTRACTOR SHALL PROVIDE A VIDEOTAPE OF THE INSTALLATION, INCLUDING, BUT NOT LIMITED TO: AIR TERMINAL, MAST MOUNTING, BONDING CONNECTIONS (WATERLINE & STRUCTURAL STEEL), DOWN CONDUCTORS, GROUND RODS/GRIDS, GROUND TEST RESULTS AND ALL BURIED, CONCEALED OR INACCESSIBLE CONNECTIONS AND COMPONENTS. THE VIDEOTAPE SHALL BE FORWARDED TO LIGHTNING PREVENTOR OF AMERICA.
  - A "GROUND RESISTANT TEST USING 'FALL OF POTENTIAL' METHOD SHALL BE PERFORMED IMMEDIATELY AFTER DRIVING GROUND RODS. IF THE TEST RESULTS EXCEED TO OHMS, THEN ADDITIONAL GROUND RODS SHALL BE DRIVEN UNTIL THE RESISTANCE IS TO OHMS OR LESS. THE TEST RESULTS AND TEST DATE SHALL BE VIDEOTAPED AND INCLUDED ON THE FINAL AS-BUILT DRAWING AND THEN FORWARDED TO LIGHTNING PREVENTOR OF AMERICA.
  - THE LPA-2005 AIR TERMINAL SHALL EXTEND 20'-0" MIN. ABOVE ALL PROJECTIONS ON THE STRUCTURE IT IS PROTECTING.
  - LIGHTNING MASTS MAY REQUIRE GUY WIRES IN HIGH WIND AREAS; THE INSTALLING CONTRACTOR SHALL DETERMINE NECESSITY OF GUY WIRES AT JOB SITE. GUY WIRES SHALL BE PROVIDED BY OTHERS.
  - METALLIC MASTS (ANTENNAS, FLAGPOLES, SATELLITE DISHES, METAL STACKS, ETC.) PROJECTING 5'-0" ABOVE THE FINISHED ROOF MUST BE GROUNDING WITH MAIN SIZE CONDUCTOR TO THE LPS DOWN CONDUCTOR.
  - THE INSTALLATION SHALL COMPLY WITH HBP-21 (LEVELS 1 & 2) PRIOR TO ISSUANCE OF ANY WARRANTIES/GUARANTEES.
  - ALL MATERIAL MUST BE MANUFACTURED BY HEARY BROS. LIGHTNING PROTECTION CO., INC. AND/OR ITS DIVISION LIGHTNING PREVENTOR OF AMERICA 1, 716-941-6145, IN ORDER TO QUALIFY FOR ANY MANUFACTURER'S GUARANTEES. FURTHER, ALL MATERIAL SHALL BE PAID FOR IN FULL PRIOR TO ISSUANCE OF ANY WARRANTIES/GUARANTEES.
  - ARL CERTIFICATION SHALL BE PROVIDED UPON COMPLETION OF INSTALLATION.
  - THE LIGHTNING PROTECTION SYSTEM SHALL BE AS MANUFACTURED BY LIGHTNING PREVENTOR OF AMERICA, A DIVISION OF HEARY BROTHERS LIGHTNING PROTECTION CO., INC.

FORNEY ENGINEERING INC. Mechanical & Electrical Consulting Engineers  
570 Fourth Avenue Circle East, Bradenton, FL 34208  
Tel: (941) 748-2868 Fax: (941) 747-5242 E-Mail: info@forneyengineering.com  
DESIGNED BY: WTS DRAWN BY: WTS CHECKED BY: WTS  
JOB NO. 09-2170 SCALE: AS SHOWN DATE: 08-21-10  
COPYRIGHT 2010 FORNEY ENGINEERS, INC. ALL RIGHTS RESERVED  
C/O: 4-100284P

JERRY N. ZOLLER ARCHITECT / PLANNER  
AIA P.A.  
914 14th STREET W. BRADENTON, FL. 34205 phone 748-4465  
1115 MANATEE AVENUE WEST BRADENTON, FLORIDA

PROPOSED FACADE RENOVATION FOR:  
MANATEE COUNTY HISTORIC COURTHOUSE  
EXTERIOR RENOVATION

Job no 84341  
date 09/21/10  
drawn  
checked  
revisions  
sheet  
LP-2  
of