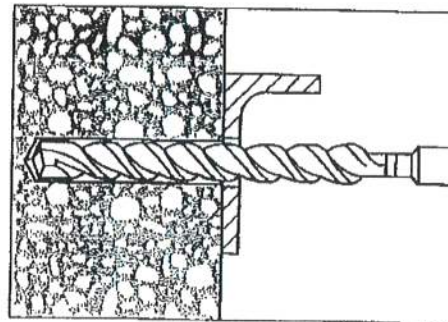
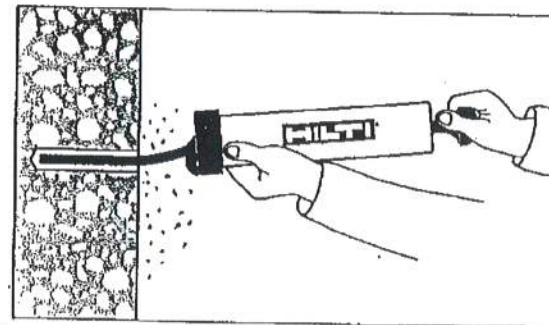


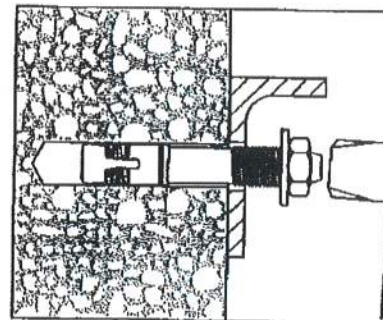
Kwik Bolt 3 Expansion Anchor Installation Instructions



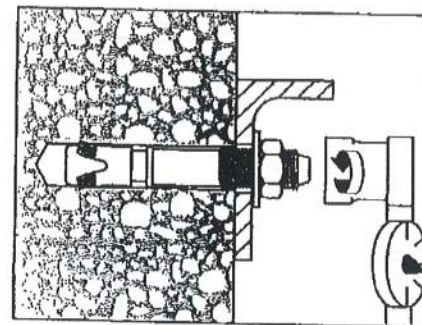
1. Hammer drill a hole to the same nominal diameter as the Kwik Bolt 3. The hole depth must exceed the anchor embedment by at least one diameter. The fixture may be used as a drilling template to ensure proper anchor location.



2. Clean hole.



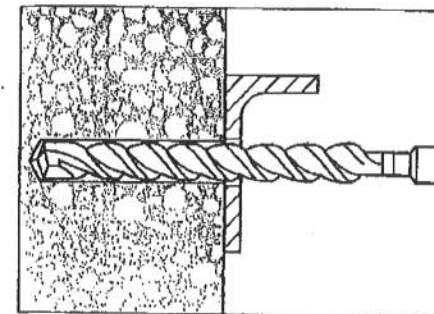
3. Drive the Kwik Bolt 3 into the hole using a hammer. The anchor must be driven until at least six threads are below the surface of the fixture.



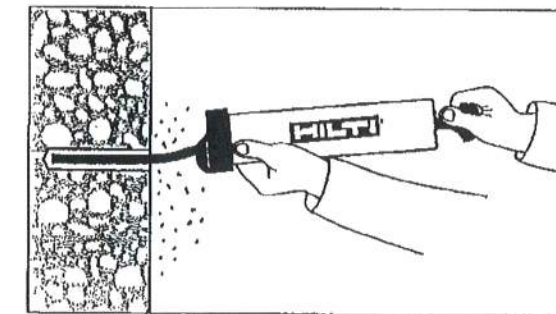
4. Tighten the nut to the recommended installation torque.

DESIGN INFORMATION	Units	Nominal Anchor Diameter				
		1/4	3/8	1/2	5/8	3/4
Installation torque	ft-lb	4	20	40	60	110
	(Nm)	(5)	(27)	(54)	(81)	(149)

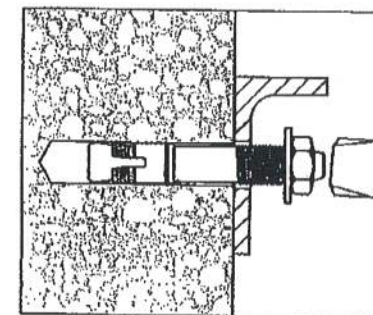
Kwik Bolt TZ Anchor Installation Instructions into normal-weight and lightweight concrete



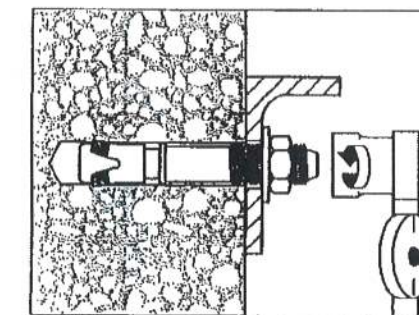
1. Hammer drill a hole to the same nominal diameter as the Kwik Bolt TZ. The hole depth must exceed the anchor embedment by at least 1/4 inch. The fixture may be used as a drilling template to ensure proper anchor location.



2. Clean hole.



3. Drive the Kwik Bolt TZ into the hole using a hammer. The anchor must be driven until at least 4 threads are below the surface of the fixture.



4. Tighten the nut to the recommended installation torque.

SETTING INFORMATION	Units	Nominal anchor diameter (in.)			
		3/8	1/2	5/8	3/4
Installation torque	ft-lb	25	40	60	110
	(Nm)	(34)	(54)	(81)	(149)

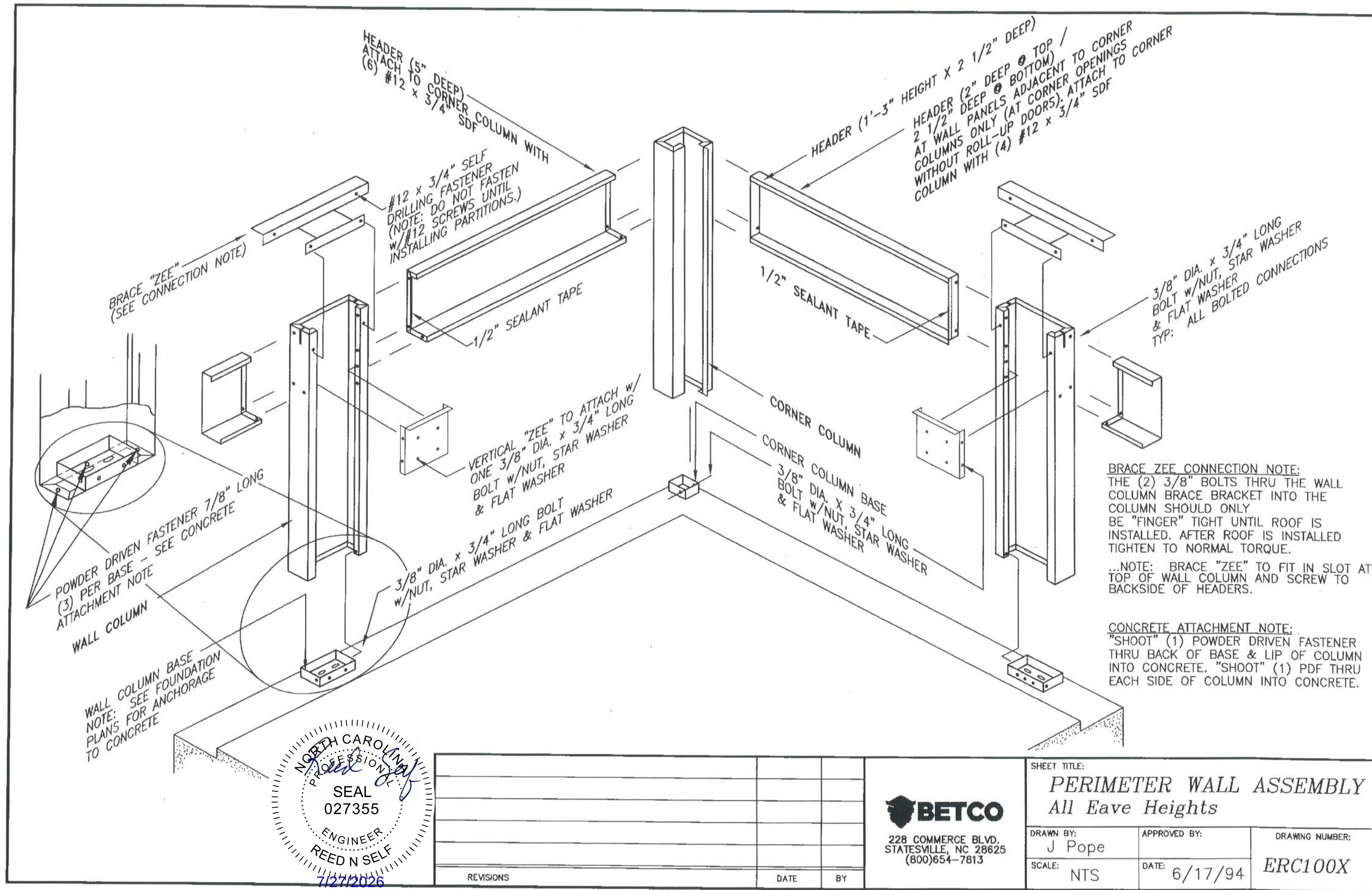


REVISIONS	DATE	BY



228 COMMERCE BLVD.
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SHEET TITLE: Kwik Bolt Anchor Installation Instructions		
DRAWN BY: BDL	APPROVED BY:	DRAWING NUMBER: ERC016X
SCALE: NTS	DATE: 11/8/2011	

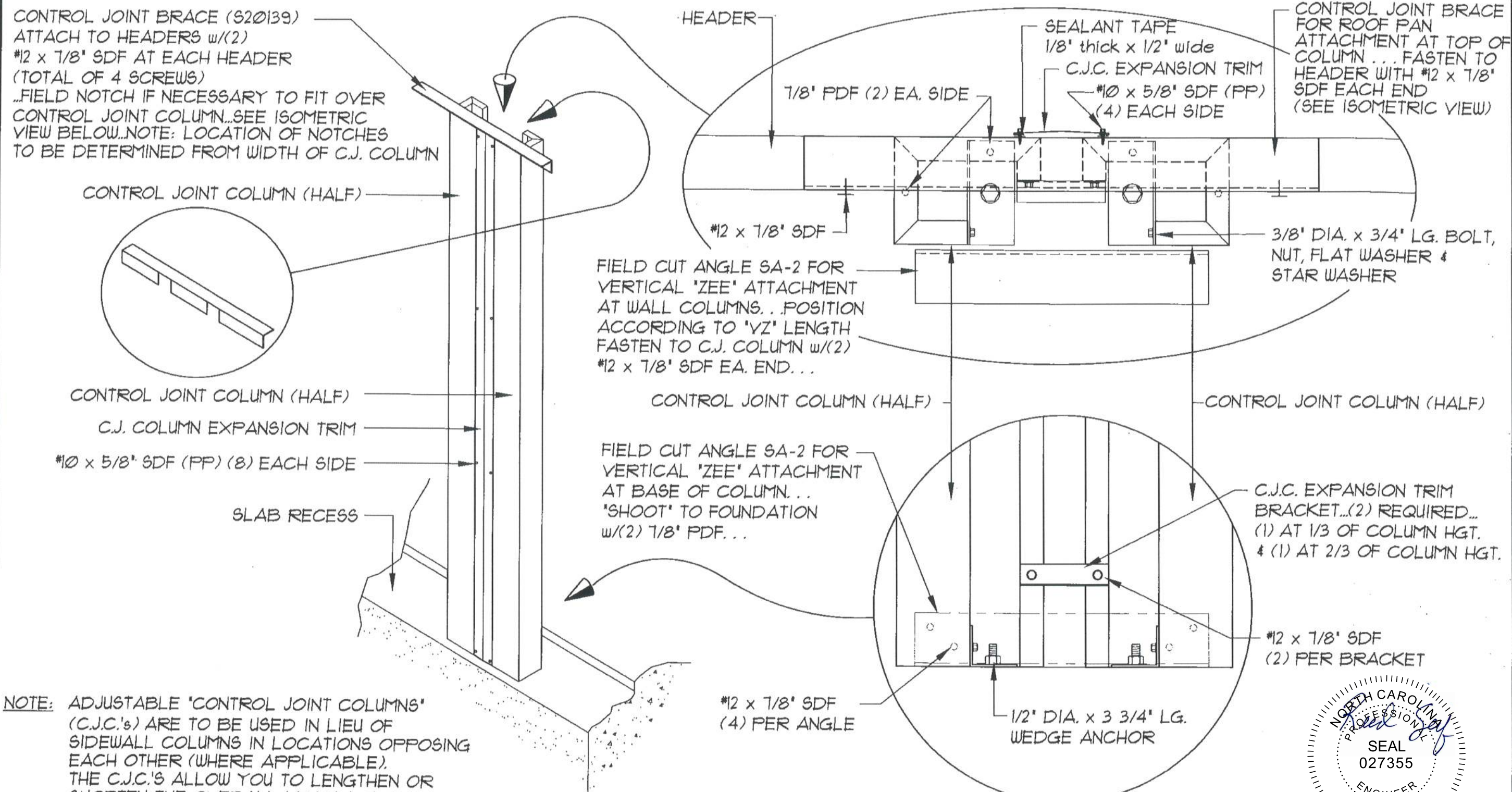


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SHEET TITLE: PERIMETER WALL ASSEMBLY <i>All Eave Heights</i>		
DRAWN BY: J Pope	APPROVED BY:	DRAWING NUMBER: ERC100X
SCALE: NTS	DATE: 6/17/94	



NOTE: ADJUSTABLE 'CONTROL JOINT COLUMNS' (C.J.C.'s) ARE TO BE USED IN LIEU OF SIDEWALL COLUMNS IN LOCATIONS OPPOSING EACH OTHER (WHERE APPLICABLE). THE C.J.C.'S ALLOW YOU TO LENGTHEN OR SHORTEN THE OVERALL LENGTH OF THE BLDG. BY UP TO 2'. THIS GIVES YOU THE ABILITY TO MAKE ADJUSTMENTS FOR A SLAB THAT IS NOT EXACTLY THE DIMENSIONS SPECIFIED.

DO NOT INSTALL WEDGE ANCHORS IN C.J.C. LOCATIONS UNTIL COLUMNS ARE IN PLACE & ADJUSTED AS REQUIRED.

4	ADDED SDF'S TO CJC TRIM	11/15/05	JCM
3	CHANGED W/A LENGTH TO 3 3/4"	4/30/03	RSG
2	GENERAL REVISIONS	1/22/99	JAB
1	GENERAL REVISIONS	3-8-99	FOX
REVISIONS		DATE	BY



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SHEET TITLE:

**CONTROL JOINT COLUMN
AND TRIM INSTALLATION**

DRAWN BY:
K.D.W.

APPROVED BY:

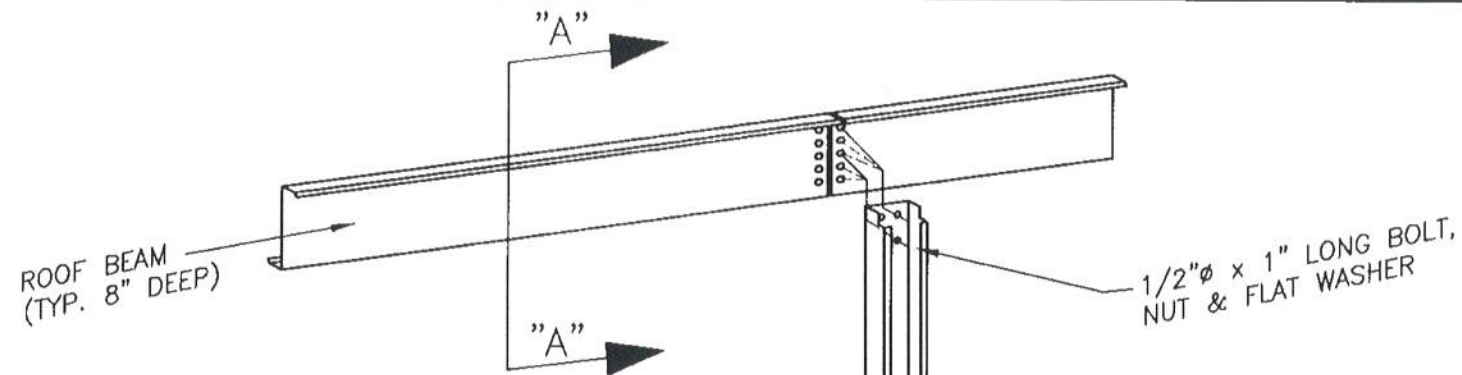
DRAWING NUMBER:

SCALE:
NTS

DATE:
8/1/94

ERC105X





INTERIOR COLUMN
3 5/8" x 3 5/8" x 17 GA

1/2"Ø x 1" LONG BOLT,
NUT & FLAT WASHER

1/2"Ø x 1" LONG BOLT,
NUT & FLAT WASHER -
(ROOF BEAM SIDE ONLY)

ROOF BEAM

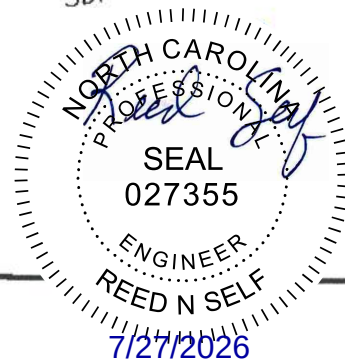
INTERIOR COLUMN

SECTION
"A" - "A"

12ga. INTERIOR COLUMN BASE
(BASE TO BE FACTORY
INSTALLED INSIDE COLUMN
CAVITY w/ (2) #12 x 7/8"
SDF's ON THREE SIDES.)

12ga. INTERIOR COLUMN BASE PLATE
(INSTALLED WITH BASE AT FACTORY)

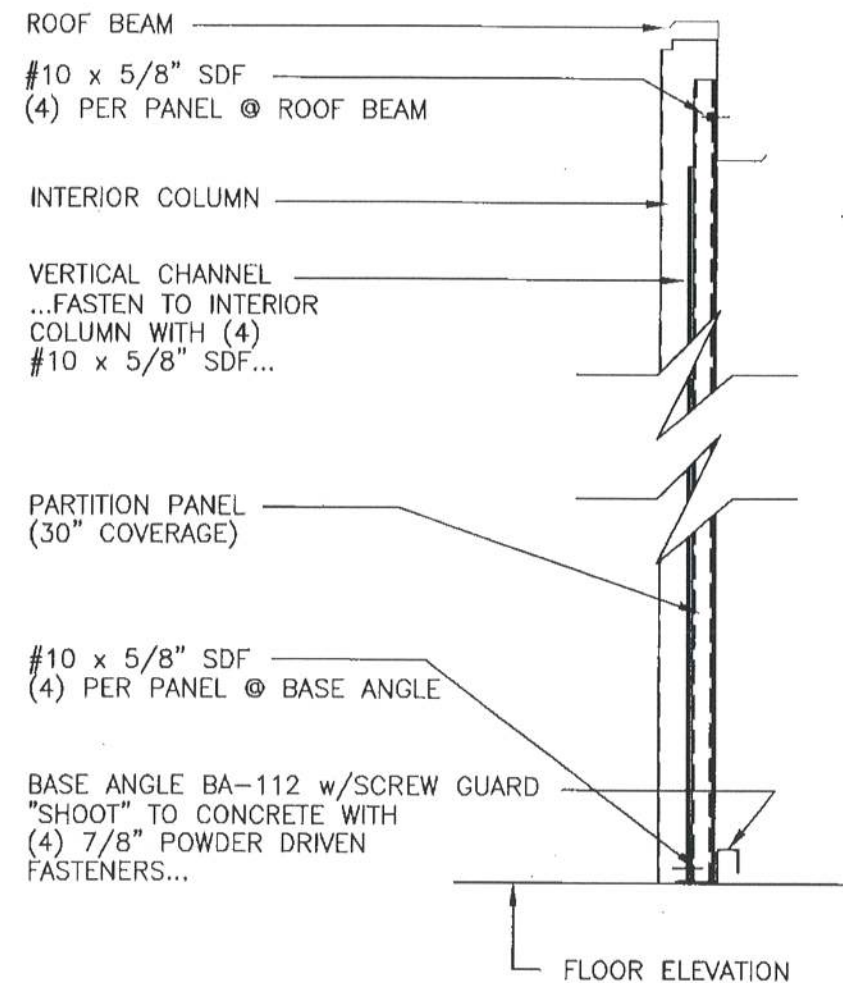
NOTE: SEE BUILDING CROSS SECTION
FOR COLUMN HEIGHT & ROOF BEAM HGT.
ABOVE FINISHED FLOOR



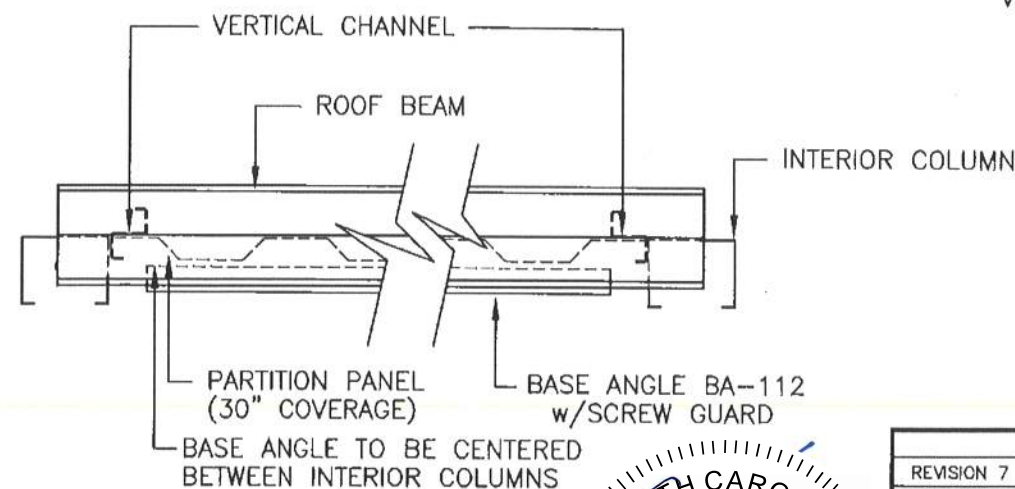
REVISIONS	DATE	BY
3 REVISED COLUMN SIZE	8-29-02	BAM
2 DETAIL REVISIONS	3-16-99	FOX
1 GENERAL REVISIONS	3-9-99	FOX

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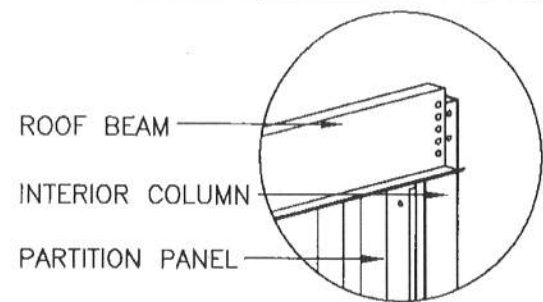
SHEET TITLE: <i>Interior Column Installation All Heights</i>		
DRAWN BY: J POPE	APPROVED BY:	DRAWING NUMBER: ERC110X
SCALE: NTS	DATE: 1/30/98	



SECTION A-A



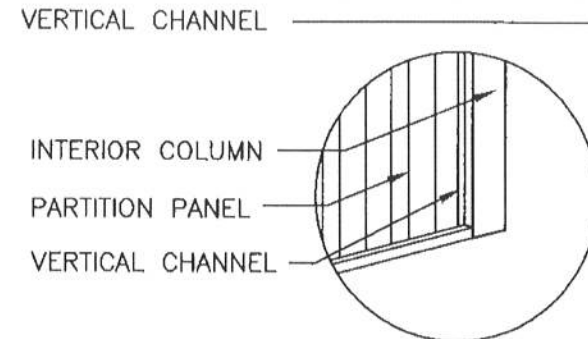
PLAN VIEW



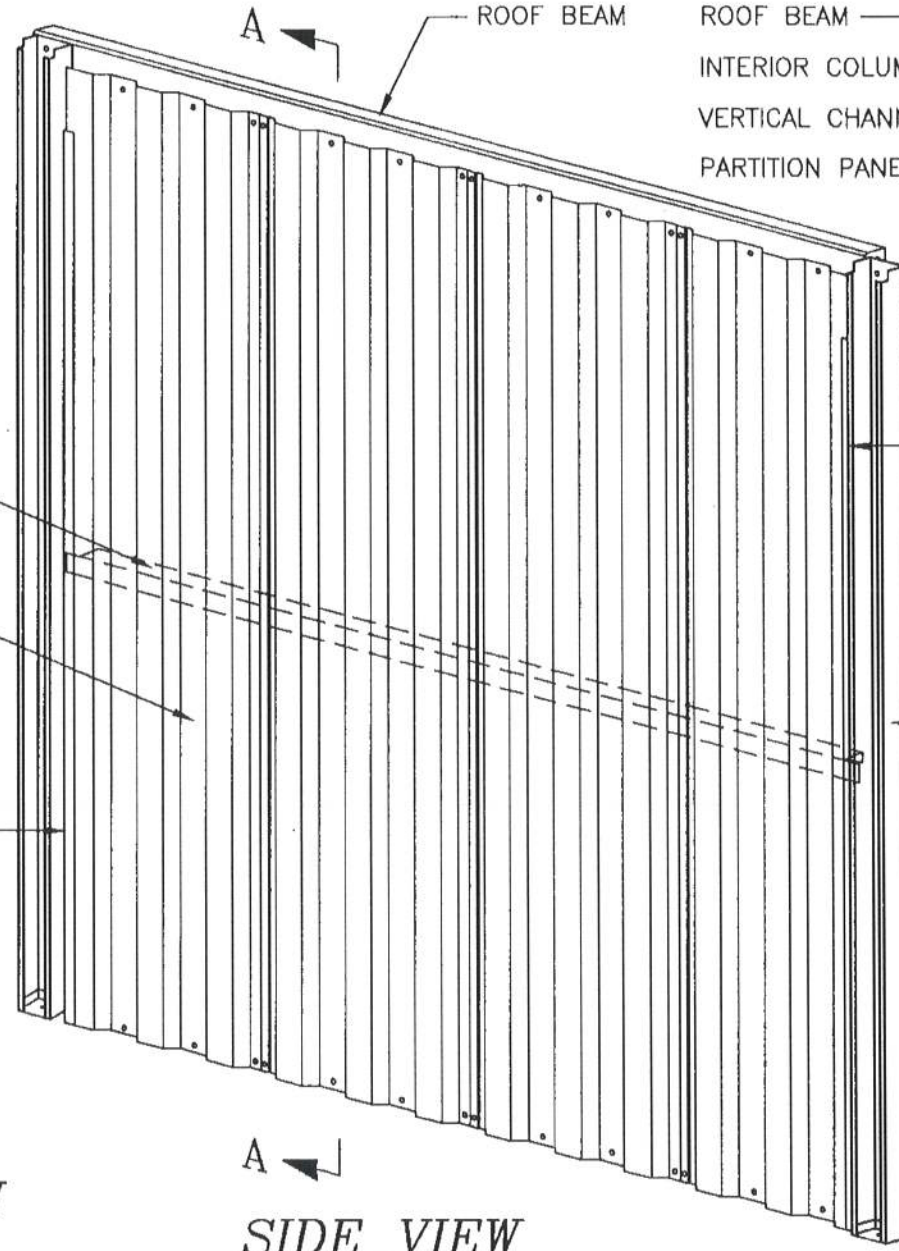
**OPPOSITE VIEW
THIS CORNER**

(NOTE: INSTALL A TOP CHANNEL AT 4-6" A.F.F. ONLY WHEN PANEL HEIGHT IS 9'-0" OR MORE.) (INSTALL FLANGES DOWN)

PARTITION PANEL (30" COVERAGE) FASTEN TO ROOF BEAM AND BASE ANGLE w/(4) #10 x 5/8" SDF EACH...(1) PER PAN SECTION AND (1) EACH SIDE OF LAP JOINT... FASTEN TO VERTICAL FRAMING w/(4) #10 x 5/8" SDF EACH -(SEE NOTE)

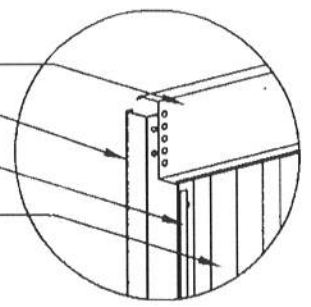


**OPPOSITE VIEW
THIS CORNER**



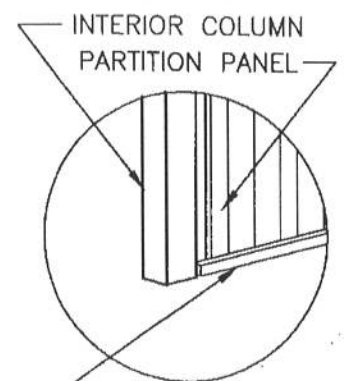
SIDE VIEW

BASE ANGLE BA-112 w/SCREW GUARD



**OPPOSITE VIEW
THIS CORNER**

VERTICAL CHANNEL FASTEN TO INTERIOR COLUMN WITH (4) #10 x 5/8" SDF (SEE NOTE)



**OPPOSITE VIEW
THIS CORNER**

NOTE:
THE FOUR (4) FASTENERS FOR ATTACHING PARTITION PANELS TO INTERIOR COLUMNS ARE INSTALLED AT THE TOP, BOTTOM AND AT THE 1/3 POINTS NOT TO EXCEED A 3'-0" VERTICAL SPACING BETWEEN FASTENERS.

REVISIONS	DATE	BY
REVISION 7	REVISED DIRECTION OF MID TOP CHANNEL	3/17/04 JCM
REVISION 6	REVISED INTERIOR COLUMNS	8/29/02 BAM
REVISION 5	ADDED TOP CHANNEL AT PANELS OVER 9'-0"	2/7/02 BDL
REVISION 4	ADDED NOTE FOR INTERIOR COLUMNS	3/30/01 TLR
REVISION 3	GENERAL REVISIONS	3-24-99 FOX
REVISION 2	CORRECT VC	6/23/98 CJG
REVISION 1		6/4/98 KLH

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SHEET TITLE: Partition - Interior Column to Interior Column		
DRAWN BY: J Pope	APPROVED BY:	DRAWING NUMBER: ERC201X
SCALE: NTS	DATE: 6/20/94	

BRACE "ZEE"
 ...FASTEN TO WALL COLUMN w/(1)
 3/8"φ x 3/4" BOLT, NUT, STAR
 WASHER & FLAT WASHER EACH
 FLANGE...FASTEN TO HEADER w/(1)
 #12 x 7/8" SDF...

TOP CHANNEL TC-119.5
 SECURE TO TOP OF DOOR
 MOUNTING PLATE w/(1)
 #10 x 5/8" SDF...FASTEN TO INT.
 COLUMN w/(2) #10 x 5/8" SDF...

#10 x 5/8" SDF
 (4) PER PANEL @ TOP CHANNEL

DOOR MOUNTING PLATE
 ...FASTEN TO WALL COLUMN w/(2)
 3/8"φ x 3/4" BOLT, NUT, STAR
 WASHER & FLAT WASHER EACH FLANGE

VERTICAL "ZEE"
 ...FASTEN TO WALL COLUMN BASE
 AND TO DOOR MOUNTING BRACKET
 w/(1) 3/8"φ x 3/4" BOLT, NUT, STAR
 WASHER & FLAT WASHER EACH END...

WALL COLUMN

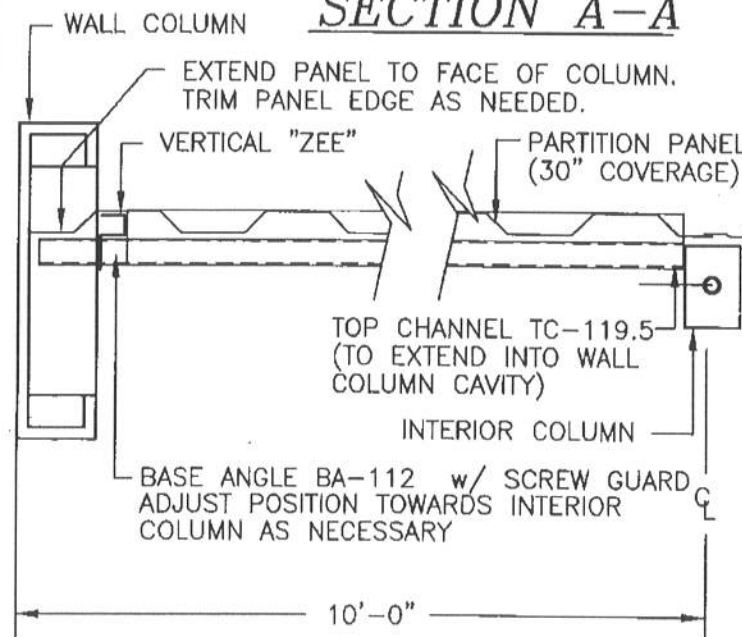
PARTITION PANEL
 (30" COVERAGE)

#10 x 5/8" SDF
 (4) PER PANEL @ BASE ANGLE

BASE ANGLE BA-112 w/SCREW GUARD
 "SHOOT" TO FOUNDATION
 w/(4) 7/8" POWDER
 DRIVEN FASTENERS...

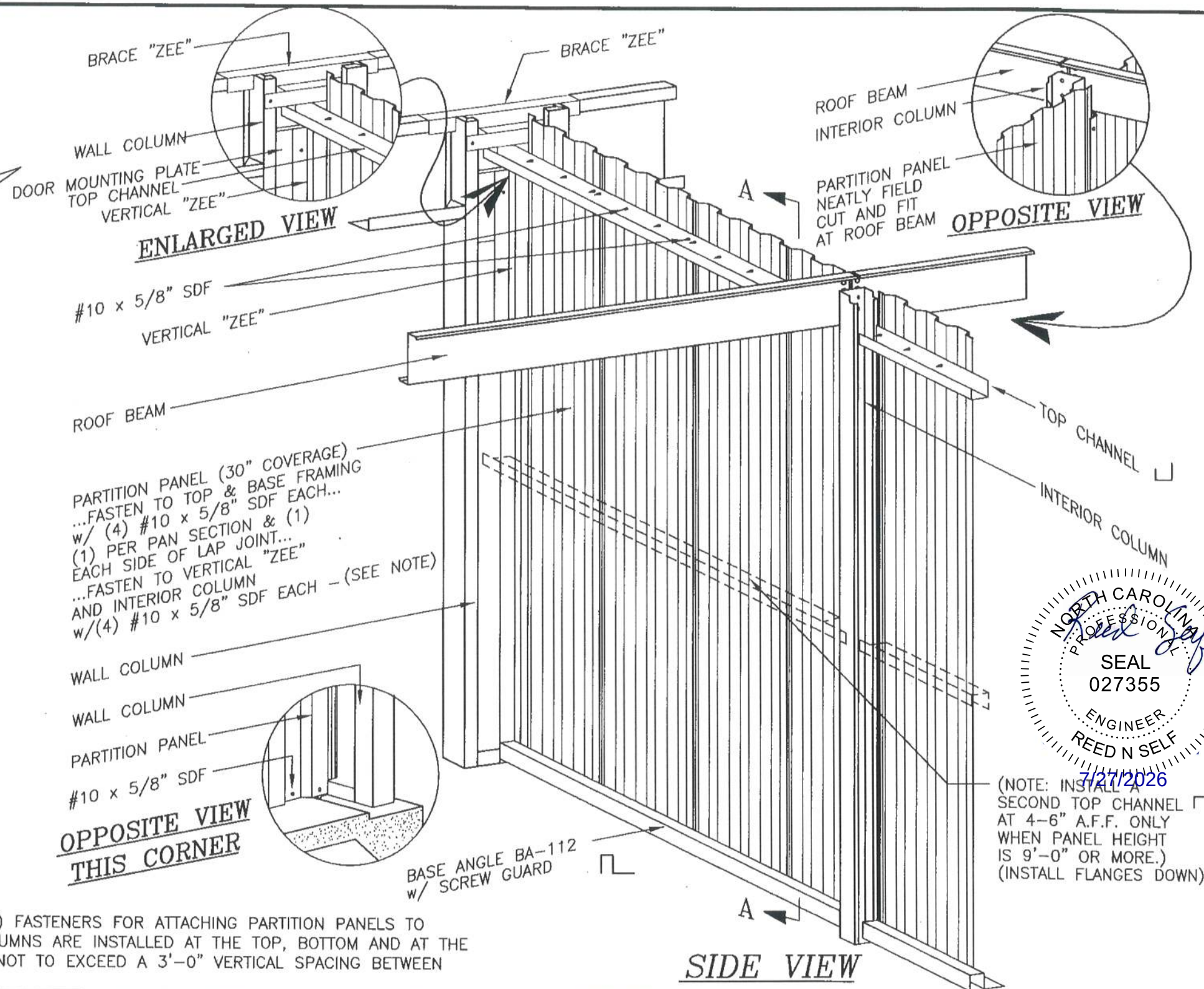
FLOOR ELEVATION
 THRESHOLD ELEVATION

SECTION A-A



PLAN VIEW

NOTE:
 THE FOUR (4) FASTENERS FOR ATTACHING PARTITION PANELS TO
 INTERIOR COLUMNS ARE INSTALLED AT THE TOP, BOTTOM AND AT THE
 1/3 POINTS NOT TO EXCEED A 3'-0" VERTICAL SPACING BETWEEN
 FASTENERS.



REVISED DIRECTION OF MID TOP CHANNEL	3/17/04	JCM
REVISED INTERIOR COLUMNS	8/29/02	BAM
ADDED TOP CHANNEL AT PANELS OVER 9'-0"	2/7/02	BDL
ADDED NOTE FOR INTERIOR COLUMNS	4/2/01	TLR
GENERAL REVISIONS	4/12/99	CWM
REVISIONS	DATE	BY



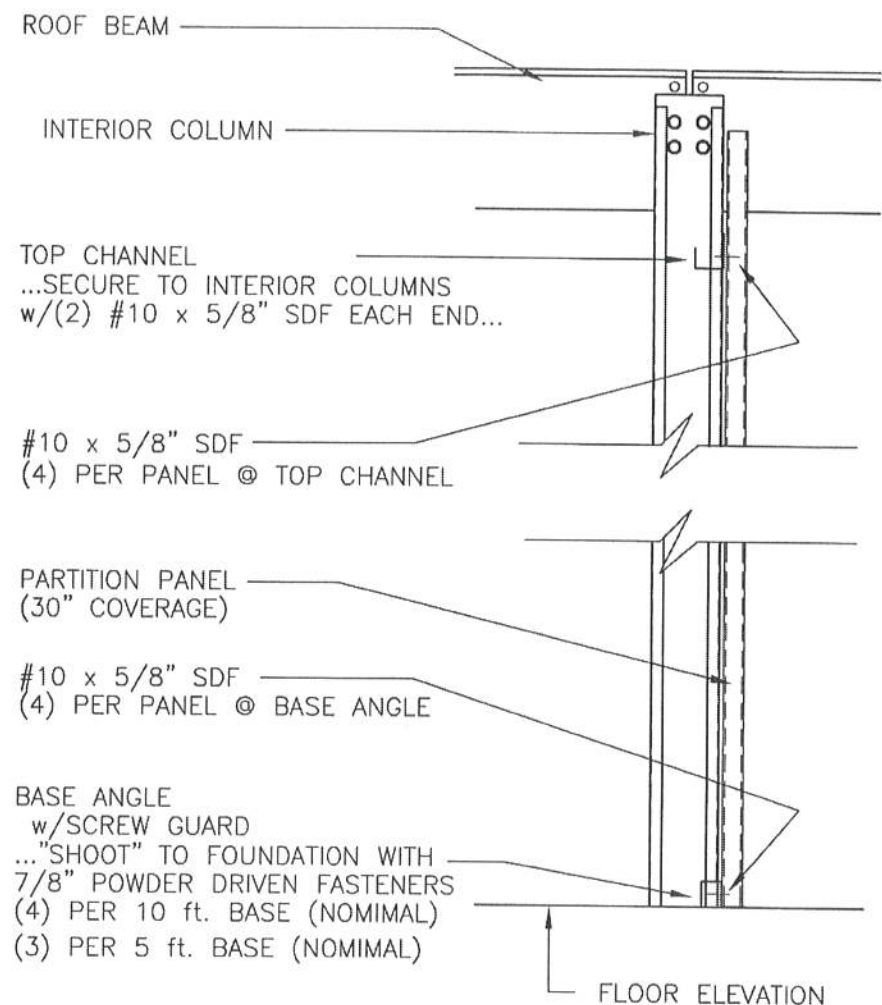
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SHEET TITLE:
**Partition - Sidewall Column
 to Interior Column - 10' span**

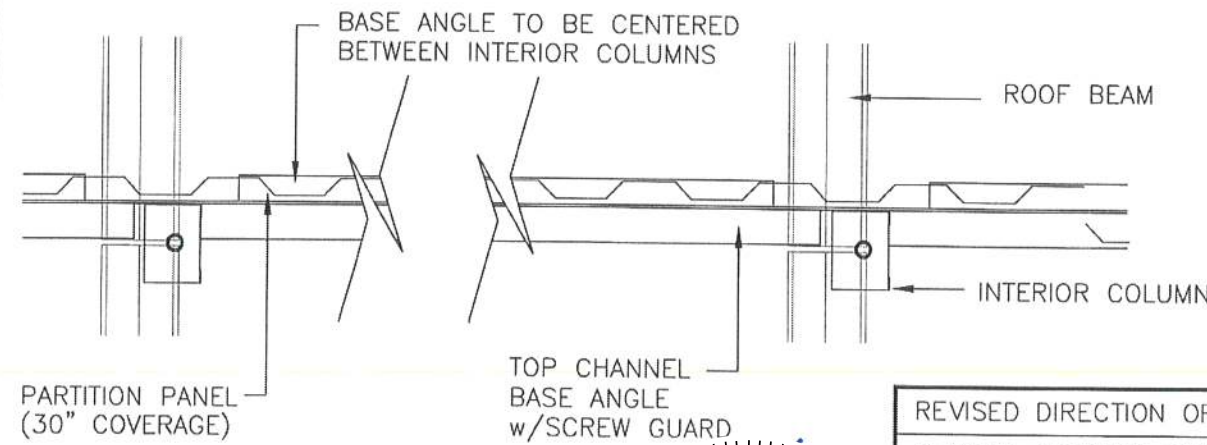
DRAWN BY: J Pope
 SCALE: NTS
 APPROVED BY:
 DATE: 6/20/94
 DRAWING NUMBER:
ERC202X



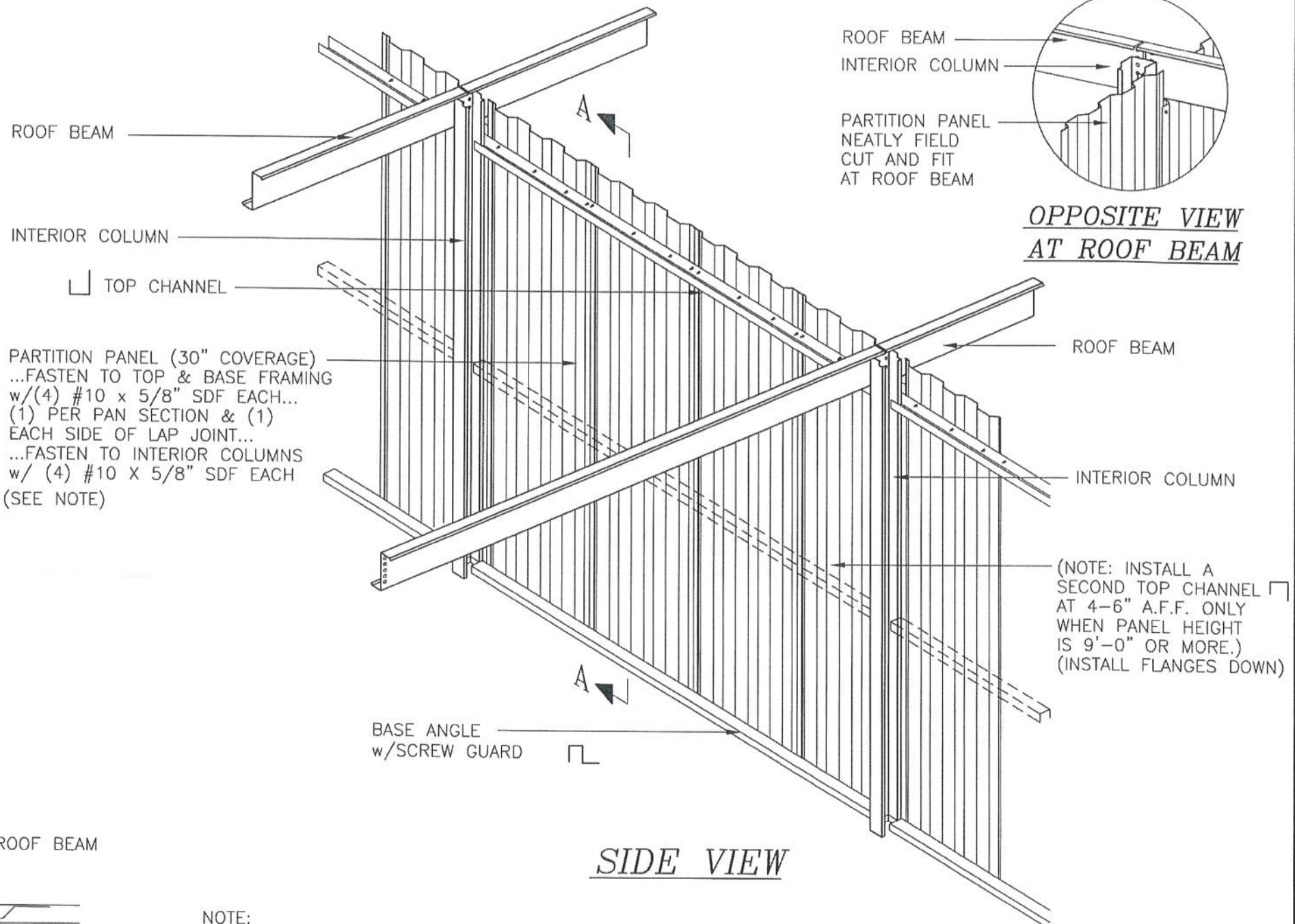
(NOTE: INSTALL A
 SECOND TOP CHANNEL
 AT 4'-6" A.F.F. ONLY
 WHEN PANEL HEIGHT
 IS 9'-0" OR MORE.)
 (INSTALL FLANGES DOWN)



SECTION A-A



PLAN VIEW

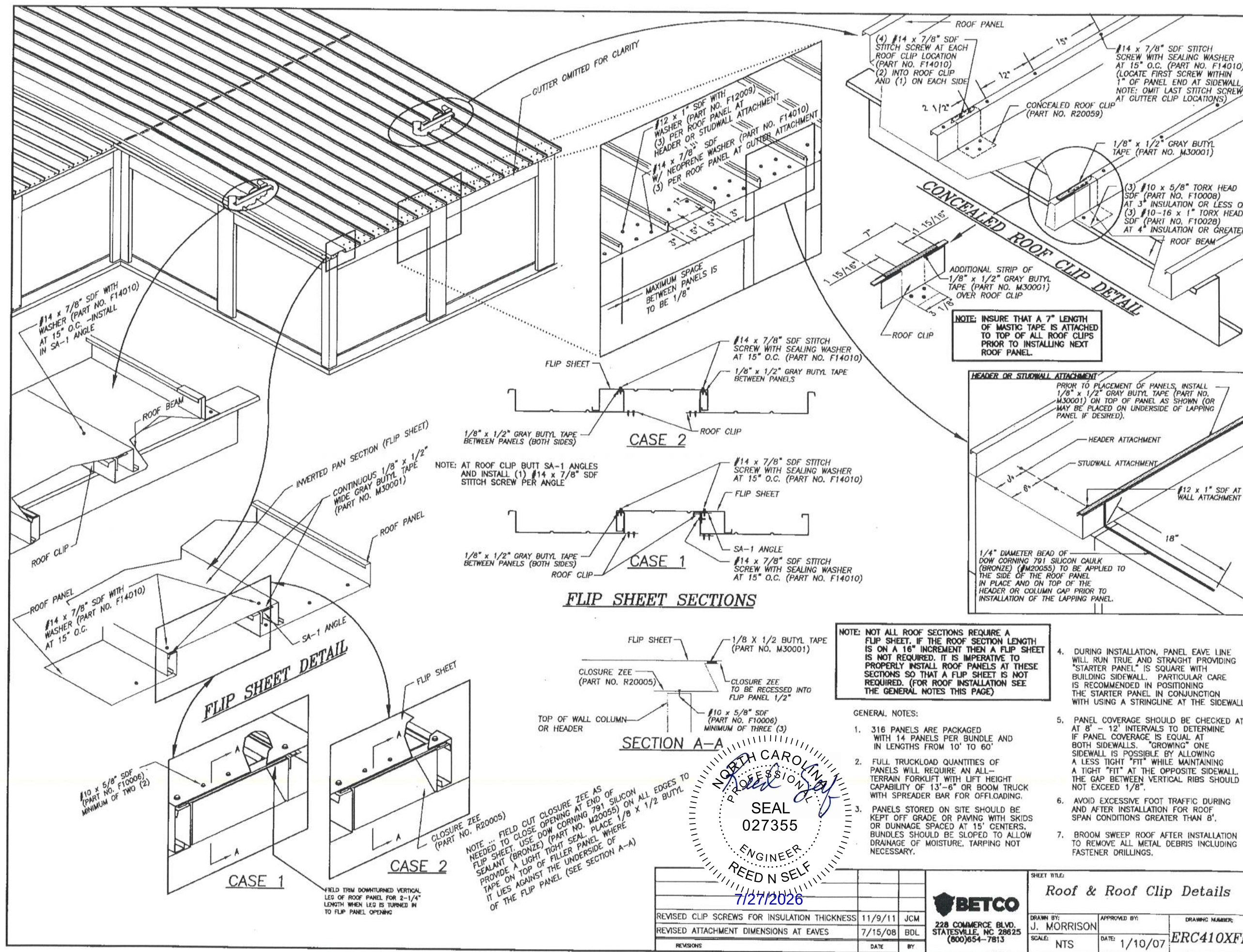


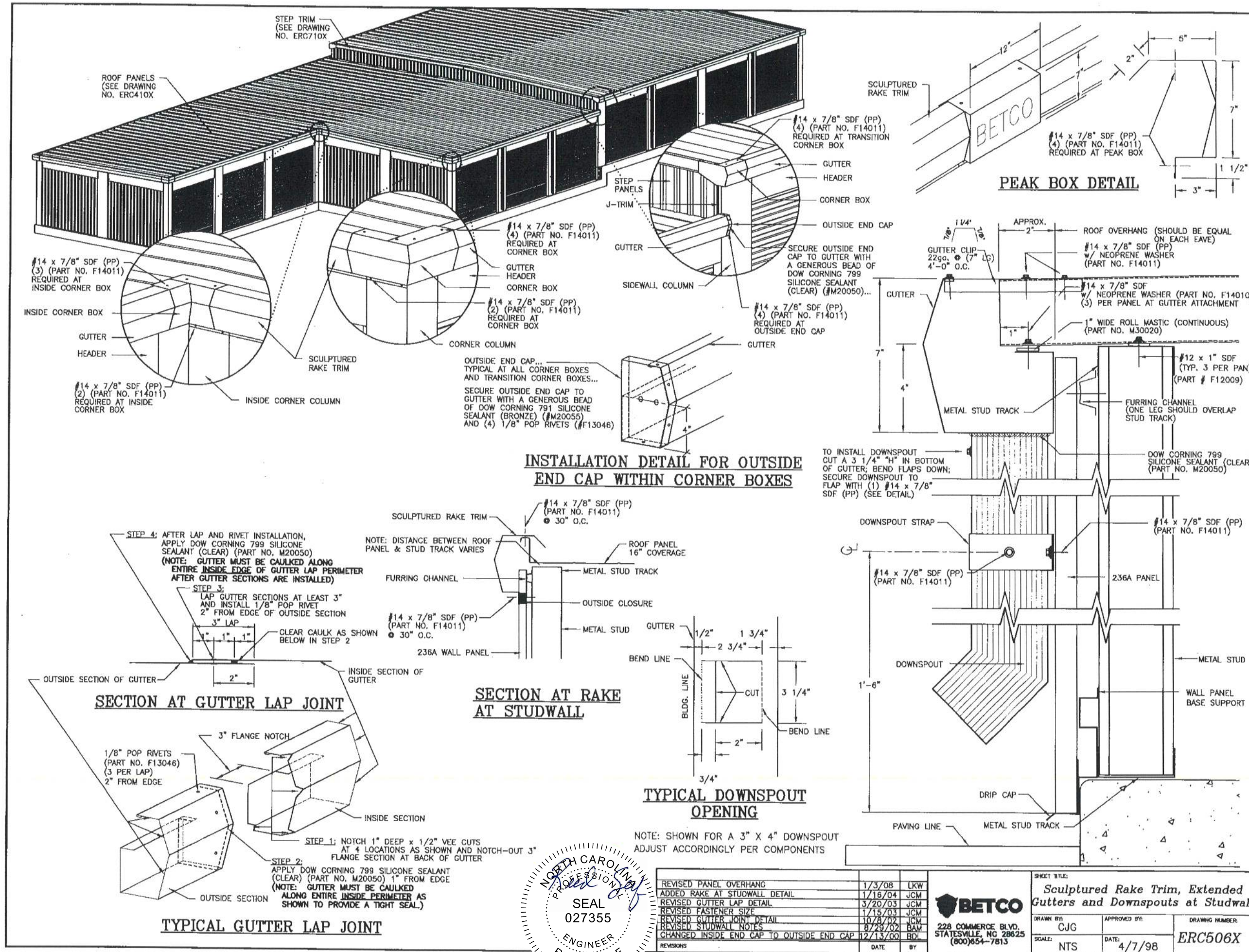
SIDE VIEW

NOTE:
THE FOUR (4) FASTENERS FOR ATTACHING PARTITION PANELS TO
INTERIOR COLUMNS ARE INSTALLED AT THE TOP, BOTTOM AND AT THE
1/3 POINTS NOT TO EXCEED A 3'-0" VERTICAL SPACING BETWEEN
FASTENERS.

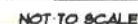


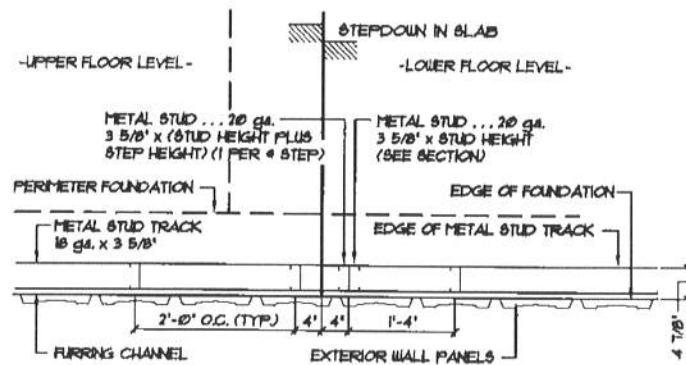
REVISED DIRECTION OF MID TOP CHANNEL	3/17/04	JCM	 228 COMMERCE BLVD. STATESVILLE, NC 28625 (800)654-7813	SHEET TITLE: <i>Partition – Interior Column to Interior Column (all eave heights)</i>			
REVISED INTERIOR COLUMNS	8/29/02	BAM		DRAWN BY: J POPE	APPROVED BY:	DRAWING NUMBER:	
ADDED TOP CHANNEL AT PANELS OVER 9'-0"	2/7/02	BDL		SCALE: NTS	DATE: 6/22/98	ERC203X	
ADDED NOTE FOR INTERIOR COLUMNS	4/2/01	TLR					
GENERAL REVISIONS	5/7/99	CJG					
REVISIONS	DATE	BY					



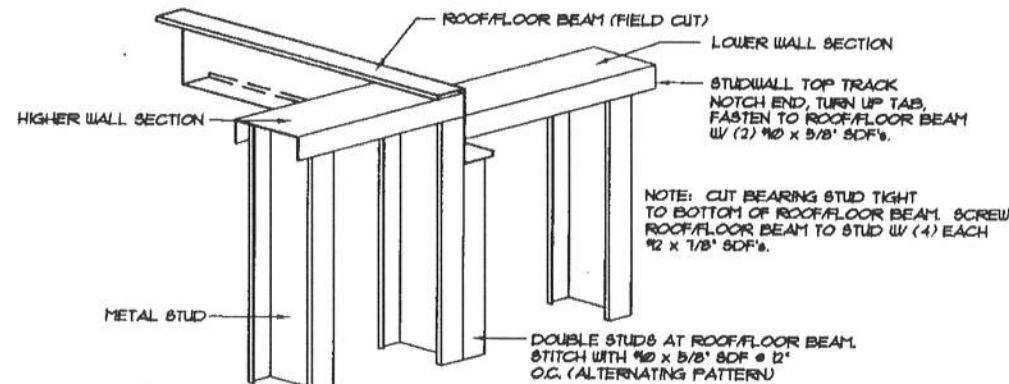


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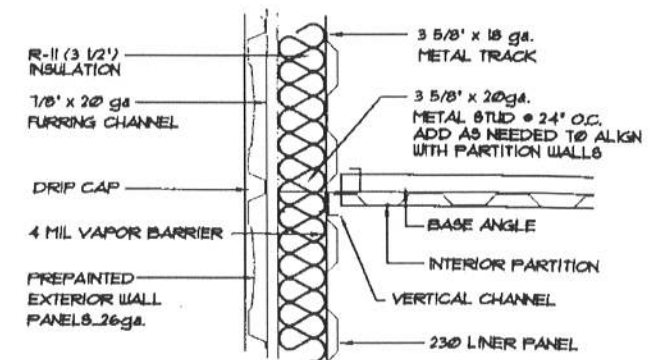




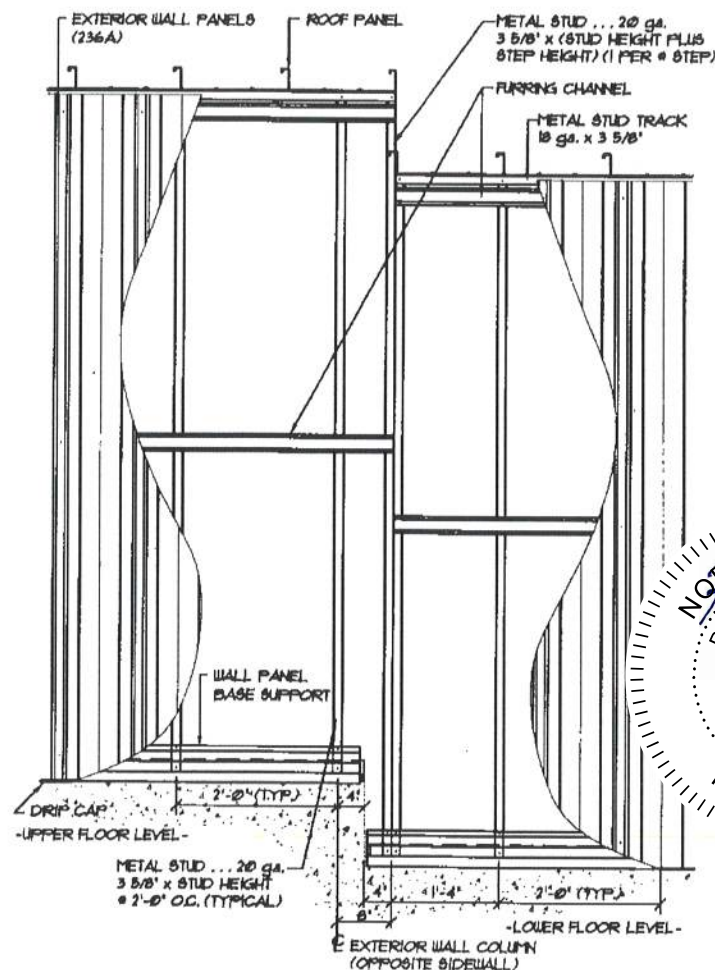
A PLAN VIEW OF STUDWALL
@ FLOOR STEPDOWN
NOT TO SCALE



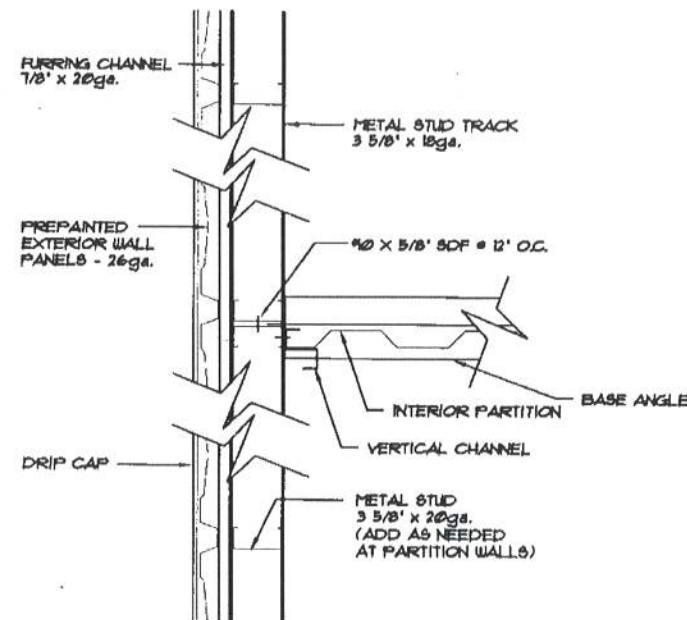
C ROOF/FLOOR BEAM @ STUDWALL
NOT TO SCALE



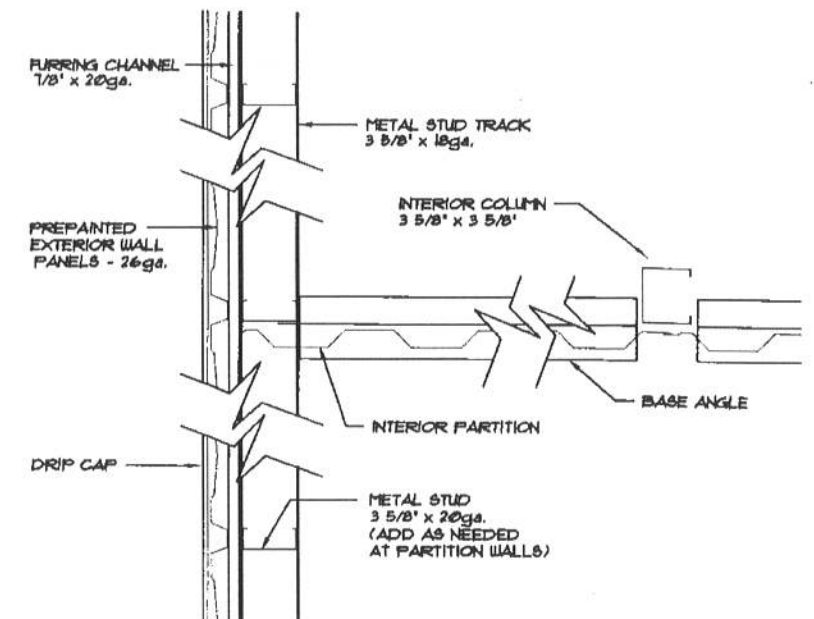
E PARTITION INSTALLATION AT
INSULATED EXTERIOR STUDWALL
NOT TO SCALE



B ELEVATION @ STUDWALL
AND STEPDOWN
NOT TO SCALE



D PARTITION INSTALLATION
UNDER ROOF BEAM
NOT TO SCALE



F PARTITION INSTALLATION
AT STUDWALL
NOT TO SCALE



REVISIONS	DATE	BY
3 REVISED C/601 TO INCLUDE FLOOR BEAM	5/1/03	JCM
2 REVISED C/601 TO INCLUDE FLOOR BEAM	4/17/03	JCM
1 REVISED STUD SIZE	8/29/02	BAM

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SHEET TITLE: Studwall Details		
DRAWN BY: CJG	APPROVED BY:	DRAWING NUMBER: ERC601X
SCALE: NTS	DATE: 4/14/00	

①. **EXTERIOR STUDWALL CONSTRUCTION • FLAT SLAB:**
(SEE ERC620X)
-3 5/8" METAL STUDS @ 24" O.C. - 20ga
-3 5/8" CONTINUOUS FLOOR AND CEILING TRACK - 18ga. - FASTEN w/ 3/8" x 3" WEDGE ANCHOR (2" MIN. EMBEDMENT) @ 30" O.C. MAX
-2 OR 3 ROWS CONTINUOUS 20ga. FURRING CHANNELS (NOTE #2)
-PRE-PAINTED EXTERIOR 236A WALL PANELS
-WALL PANEL BASE SUPPORT
-DRIP CAP (#T60120)
*3 1/2" THICK FIBERGLASS INSULATION
*4 MIL POLYETHYLENE VAPOR BARRIER
*230 LINER PANELS @ INTERIOR (ATTACH EACH PANEL TO BASE & TOP TRACK WITH 4 EACH #10 x 5/8" SDF's)
*J-TRIM @ TOP OF LINER PANELS
-SEE NOTE #4 FOR GENERAL STUDWALL CONSTRUCTION NOTES.

②. **EXTERIOR STUDWALL CONSTRUCTION • RECESS:**
(SEE ERC620X)
-3 5/8" METAL STUDS @ 24" O.C. - 20ga
-3 5/8" CONTINUOUS FLOOR AND CEILING TRACK - 18ga. - FASTEN w/ 3/8" x 3" WEDGE ANCHOR (2" MIN. EMBEDMENT) @ 30" O.C. MAX
-3 OR 4 ROWS CONTINUOUS 20ga. FURRING CHANNELS (NOTE #2)
-PRE-PAINTED EXTERIOR 236A WALL PANELS
-BASE TRIM (#T60593)
*3 1/2" THICK FIBERGLASS INSULATION
*4 MIL POLYETHYLENE VAPOR BARRIER
*230 LINER PANELS @ INTERIOR (ATTACH EACH PANEL TO BASE & TOP TRACK WITH 4 EACH #10 x 5/8" SDF's)
*J-TRIM @ TOP OF LINER PANELS
-SEE NOTE #4 FOR GENERAL STUDWALL CONSTRUCTION NOTES.

③. **INSULATED LOAD BEARING STUDWALL:**
-3 5/8" METAL STUDS @ 24" O.C. - 20ga
-3 5/8" CONTINUOUS FLOOR AND CEILING TRACK - 18ga. - FASTEN w/ 3/8" x 3" WEDGE ANCHOR (2" MIN. EMBEDMENT) @ 30" O.C. MAX
-3 1/2" THICK FIBERGLASS INSULATION
-4 MIL POLYETHYLENE VAPOR BARRIER
-230 LINER PANELS (EACH SIDE-ATTACH EACH PANEL TO TOP & BASE TRACK WITH 4 EACH #10 x 5/8" SDF's)
-J-TRIM @ TOP OF LINER PANELS
-SEE NOTE #4 FOR GENERAL STUDWALL CONSTRUCTION NOTES.

④. **INSULATED NON-LOAD BEARING STUDWALL:**
-3 5/8" METAL STUDS @ 24" O.C. - 20ga
-3 5/8" CONTINUOUS FLOOR AND CEILING TRACK - 20ga. (ATTACH BASE TRACK TO CONCRETE FLOOR SLAB WITH 7/8" PDF's @ 24" O.C.)
-3 1/2" THICK FIBERGLASS INSULATION
-4 MIL POLYETHYLENE VAPOR BARRIER
-230 LINER PANELS (EACH SIDE-ATTACH EACH PANEL TO TOP & BASE TRACK WITH 4 EACH #10 x 5/8" SDF's)
-J-TRIM @ TOP OF LINER PANELS
-SEE NOTE #4 FOR GENERAL STUDWALL CONSTRUCTION NOTES.

⑤. **EXTERIOR STUDWALL CONSTRUCTION • HVAC INSET/ALCOVE:**
(ERC 620X & 621X)
-3 5/8" METAL STUDS @ 24" O.C. - 20ga
-3 5/8" CONTINUOUS FLOOR AND CEILING TRACK - 18ga. - FASTEN w/ 3/8" x 3" WEDGE ANCHOR (2" MIN. EMBEDMENT) @ 30" O.C. MAX
-3 OR 4 ROWS CONTINUOUS 20ga. FURRING CHANNELS (NOTE #2)
-PRE-PAINTED EXTERIOR 236A WALL PANELS
-DRIP CAP (#T50032)
*3 1/2" THICK FIBERGLASS INSULATION
*4 MIL POLYETHYLENE VAPOR BARRIER
*230 LINER PANELS @ INTERIOR (ATTACH EACH PANEL TO BASE & TOP TRACK WITH 4 EACH #10 x 5/8" SDF's)
*J-TRIM @ TOP OF LINER PANELS
-SEE NOTE #4 FOR GENERAL STUDWALL CONSTRUCTION NOTES.

⑥. **FIRE RESISTANT PARTITION ... 1 HOUR RATED**
UL • U465 ... (NON-LOAD BEARING)
ONE HOUR FIREWALL CONSTRUCTION:
-3 5/8" METAL STUDS @ 24" O.C. - 20ga.
-3 5/8" CONTINUOUS FLOOR AND CEILING TRACK - 20ga (TOP TRACK MUST FOLLOW SLOPE OF ROOF DECK)
(SECURE BOTTOM TRACK W/ 7/8" PDF'S AT 24" O.C.)
-5/8" GYPSUM BOARD (X-RATED) EACH SIDE IT MUST BE PLACED SUCH THAT ALL JOINTS ARE VERTICAL.
-GYPSUM BOARD SHALL BE ATTACHED TO STUDS, FLOOR AND CEILING TRACK USING TYPE "S" SELF-TAPPING SCREWS ALONG EDGES OF BOARD SPACED 8" O.C. AND 12" O.C. IN THE FIELD.
-VINYL OR CASE-IN, DRY OR PRE-MIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS SCREW-HEADS. PERFORATED PAPER TAPE, 2" WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
*3 1/2" THICK FIBERGLASS INSULATION
*4 MIL POLYETHYLENE VAPOR BARRIER
-SEE NOTE #4 FOR GENERAL STUDWALL CONSTRUCTION NOTES.

⑦. **FIRE RESISTANT PARTITION ... 1 HOUR RATED**
UL • U425 ... (LOAD BEARING)
ONE HOUR FIREWALL CONSTRUCTION:
-3 5/8" METAL STUDS @ 24" O.C. - 20ga.
-3 5/8" CONTINUOUS FLOOR & CEILING TRACK - 18ga - FASTEN w/ 3/8" x 3" WEDGE ANCHOR (2" MIN. EMBEDMENT) @ 30" O.C. MAX (TOP TRACK MUST FOLLOW SLOPE OF ROOF DECK)
-5/8" GYPSUM BOARD (X-RATED) EACH SIDE IT MUST BE PLACED SUCH THAT ALL JOINTS ARE VERTICAL.
-GYPSUM BOARD SHALL BE ATTACHED TO STUDS, FLOOR AND CEILING TRACK USING TYPE "S" SELF-TAPPING SCREWS ALONG EDGES OF BOARD SPACED 8" O.C. AND 12" O.C. IN THE FIELD.
-VINYL OR CASE-IN, DRY OR PRE-MIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS SCREW-HEADS. PERFORATED PAPER TAPE, 2" WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
*3 1/2" THICK FIBERGLASS INSULATION
*4 MIL POLYETHYLENE VAPOR BARRIER
-SEE NOTE #4 FOR GENERAL STUDWALL CONSTRUCTION NOTES.

⑧. **EXTERIOR FIRE RESISTANT PARTITION ...**
-UL • U423 ... (1 HOUR RATED) (LOAD BEARING)
ONE HOUR FIREWALL CONSTRUCTION:
-3 5/8" METAL STUDS @ 24" O.C. - 20ga.
-3 5/8" CONTINUOUS FLOOR AND CEILING TRACK - 18ga. - FASTEN w/ 3/8" x 3" WEDGE ANCHOR (2" MIN. EMBEDMENT) @ 30" O.C. MAX (TOP TRACK MUST FOLLOW SLOPE OF ROOF DECK)
-2 OR 3 ROWS CONTINUOUS 20ga. FURRING CHANNELS (NOTE #2)
-PRE-PAINTED EXTERIOR 236A WALL PANELS
-WALL PANEL BASE SUPPORT
-DRIP CAP (#T60120)
-1 LAYER 5/8" GYPSUM BOARD (X-RATED) EACH SIDE IT MUST BE PLACED SUCH THAT ALL JOINTS ARE VERTICAL.
-GYPSUM BOARD SHALL BE ATTACHED TO STUDS, FLOOR AND CEILING TRACK USING TYPE "S" SELF-TAPPING SCREWS ALONG EDGES OF BOARD SPACED 8" O.C. AND 12" O.C. IN THE FIELD.
-VINYL OR CASE-IN, DRY OR PRE-MIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS SCREW-HEADS. PERFORATED PAPER TAPE, 2" WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
*3 1/2" THICK FIBERGLASS INSULATION
*4 MIL POLYETHYLENE VAPOR BARRIER
-SEE NOTE #4 FOR GENERAL STUDWALL CONSTRUCTION NOTES.

⑨. **EXTERIOR FIRE RESISTANT PARTITIONS • RECESS:**
UL • U423 ... (1 HOUR RATED) (LOAD BEARING)
ONE HOUR FIREWALL CONSTRUCTION:
-3 5/8" METAL STUDS @ 24" O.C. - 20ga.
-3 5/8" CONTINUOUS FLOOR AND CEILING TRACK - 18ga. - FASTEN w/ 3/8" x 3" WEDGE ANCHOR (2" MIN. EMBEDMENT) @ 30" O.C. MAX (TOP TRACK MUST FOLLOW SLOPE OF ROOF DECK)
-3 OR 4 ROWS CONTINUOUS 20ga. FURRING CHANNELS (NOTE #2)
-PRE-PAINTED EXTERIOR 236A WALL PANELS
-DRIP CAP (#T60593)
-1 LAYER 5/8" GYPSUM BOARD (X-RATED) EACH SIDE IT MUST BE PLACED SUCH THAT ALL JOINTS ARE VERTICAL.
-GYPSUM BOARD SHALL BE ATTACHED TO STUDS, FLOOR AND CEILING TRACK USING TYPE "S" SELF-TAPPING SCREWS ALONG EDGES OF BOARD SPACED 8" O.C. AND 12" O.C. IN THE FIELD.
-VINYL OR CASE-IN, DRY OR PRE-MIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS SCREW-HEADS. PERFORATED PAPER TAPE, 2" WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
*3 1/2" THICK FIBERGLASS INSULATION
*4 MIL POLYETHYLENE VAPOR BARRIER
-SEE NOTE #4 FOR GENERAL STUDWALL CONSTRUCTION NOTES.

⑩. **EXTERIOR FIRE RESISTANT PARTITION • HVAC INSET/ALCOVE**
UL • 423 ... (1 HOUR RATED) (LOAD BEARING) (ERC 620X & 621X)
ONE HOUR FIREWALL CONSTRUCTION:
-3 5/8" METAL STUDS @ 24" O.C. - 20ga.
-3 5/8" CONTINUOUS FLOOR AND CEILING TRACK - 18ga. - FASTEN w/ 3/8" x 3" WEDGE ANCHOR (2" MIN. EMBEDMENT) @ 30" O.C. MAX (TOP TRACK MUST FOLLOW SLOPE OF ROOF DECK)
-3 OR 4 ROWS CONTINUOUS 20ga. FURRING CHANNELS (NOTE #2)
-PRE-PAINTED EXTERIOR 236A WALL PANELS
-DRIP CAP (#T50032)
-1 LAYER 5/8" GYPSUM BOARD (X-RATED) EACH SIDE IT MUST BE PLACED SUCH THAT ALL JOINTS ARE VERTICAL.
-GYPSUM BOARD SHALL BE ATTACHED TO STUDS, FLOOR AND CEILING TRACK USING TYPE "S" SELF-TAPPING SCREWS ALONG EDGES OF BOARD SPACED 8" O.C. AND 12" O.C. IN THE FIELD.
-VINYL OR CASE-IN, DRY OR PRE-MIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS SCREW-HEADS. PERFORATED PAPER TAPE, 2" WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
*3 1/2" THICK FIBERGLASS INSULATION
*4 MIL POLYETHYLENE VAPOR BARRIER
-SEE NOTE #4 FOR GENERAL STUDWALL CONSTRUCTION NOTES.

NOTE #1: INTENTIONALLY BLANK.

NOTE #2: AS PER WALL CONSTRUCTION NOTES, EXTERIOR STUDWALLS ARE CONSTRUCTED WITH "X" OR "Y" ROWS OF FURRING CHANNELS IF WALL IS LESS THAN 9'-10 1/2" HGT. A.F.F., CONSTRUCT WITH "X" ROWS; OTHERWISE USE "Y".

NOTE #3: "*" ON THIS SHEET, REFERS TO THE ADDITIONAL MATERIALS REQUIRED FOR INSULATION OF WALL SYSTEM. NOT ALL WALLS ARE INSULATED. VERIFY WITH FLOOR PLANS. INSTALL INSULATION & RELATED MATERIALS ONLY IN WALLS DESIGNATED WITH AN "*" BESIDE THE DETAIL NUMBER ON THE FLOOR PLAN.

NOTE #4: GENERAL STUDWALL CONSTRUCTION:
A) - ATTACH STUDS WITH #10 X 5/8" SDF'S EACH SIDE OF TRACK (4 PER STUD).
B) - WALLS MUST EXTEND FROM FLOOR TO ROOF DECK AND INTO WALL COLUMN CAVITY.
C) - TOP TRACK MUST FOLLOW SLOPE OF ROOF LINE.

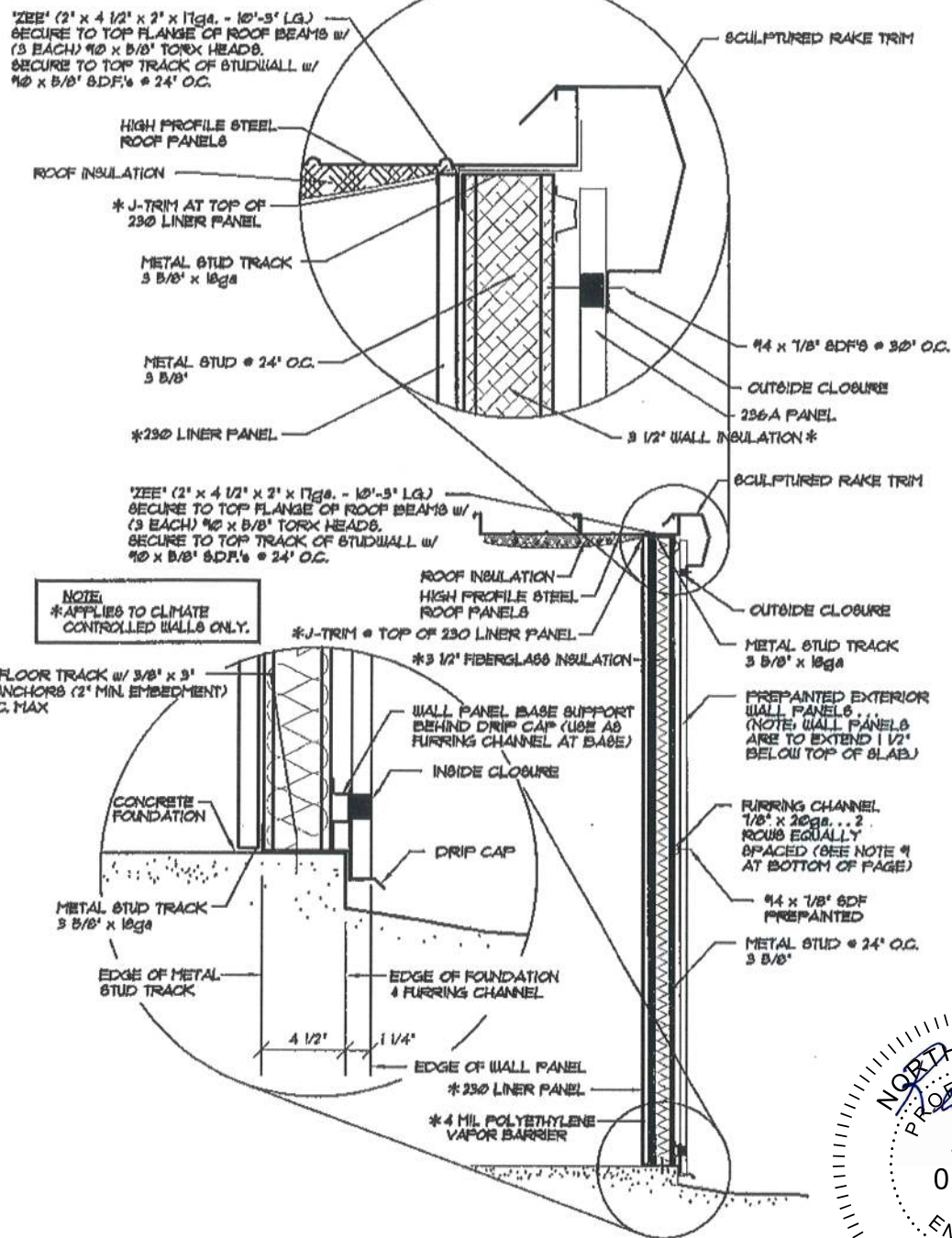


7/27/2026

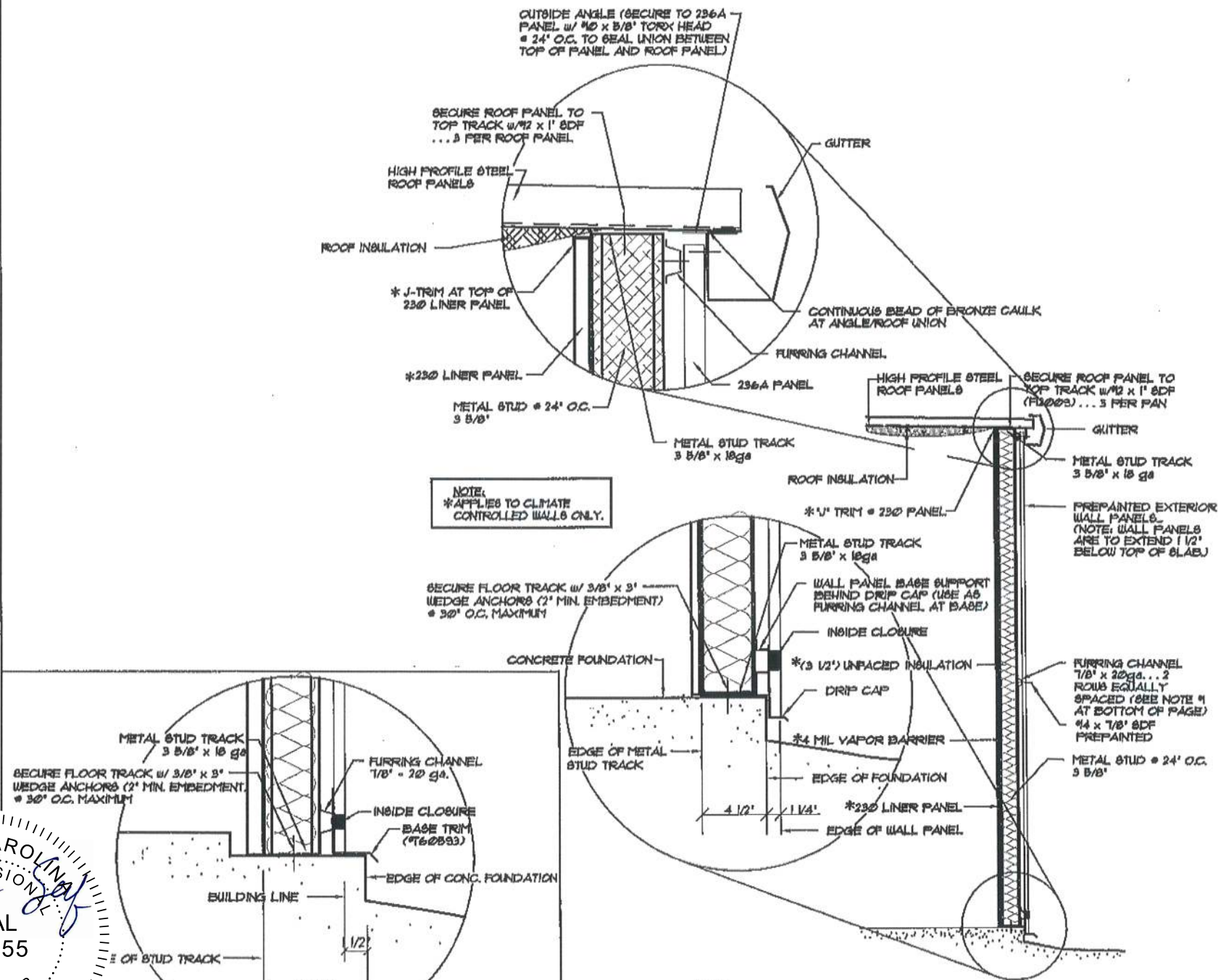
REVISIONS	DATE	BY
REVISED STUD TRACK FASTENERS TO CONCRETE	9/24/10	JCM
REVISED STUD TRACK FASTENERS	1/12/04	JCM
REVISED STUD SIZE	8/29/02	BAM
REVISE LAYERS, GYPSUM BOARD THICKNESS & UL ON NOTES #8, 9, 10	11/16/01	JRB
ADDED ERC 620X & 621X TO NOTE #10	08/28/01	JCM
CHANGED 5/8" TO (2 LAYERS 1/2")	02/21/01	DSF

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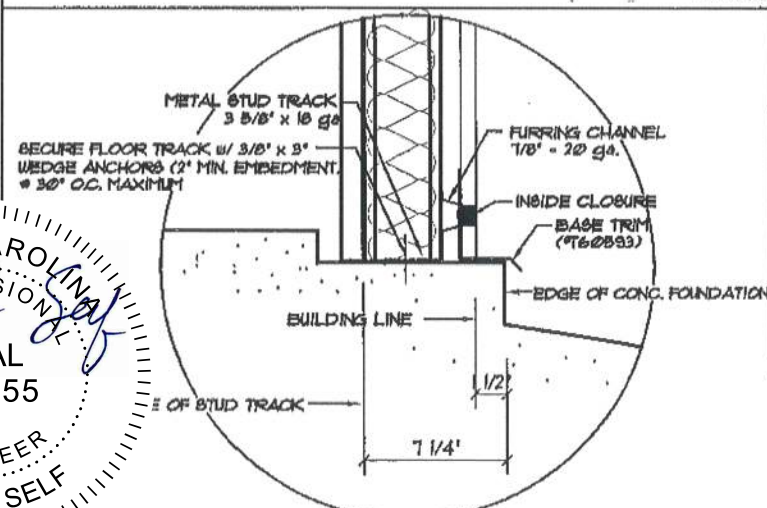
SHEET TITLE: Studwall Notes		
DRAWN BY: RS	APPROVED BY:	DRAWING NUMBER: ERC610X
SCALE: NTS	DATE: 11/02/00	



A
630
**SECTION AT EXTERIOR
STUDWALL ENDWALL**
NOT TO SCALE



B
630
**SECTION AT EXTERIOR
STUDWALL SIDEWALL**
NOT TO SCALE



**BASE CONDITION FOR
STUDWALL IN RECESS**

NORTH CAROLINA
PROFESSIONAL
SEAL
027355
ENGINEER
REED N SELF
7/27/2026

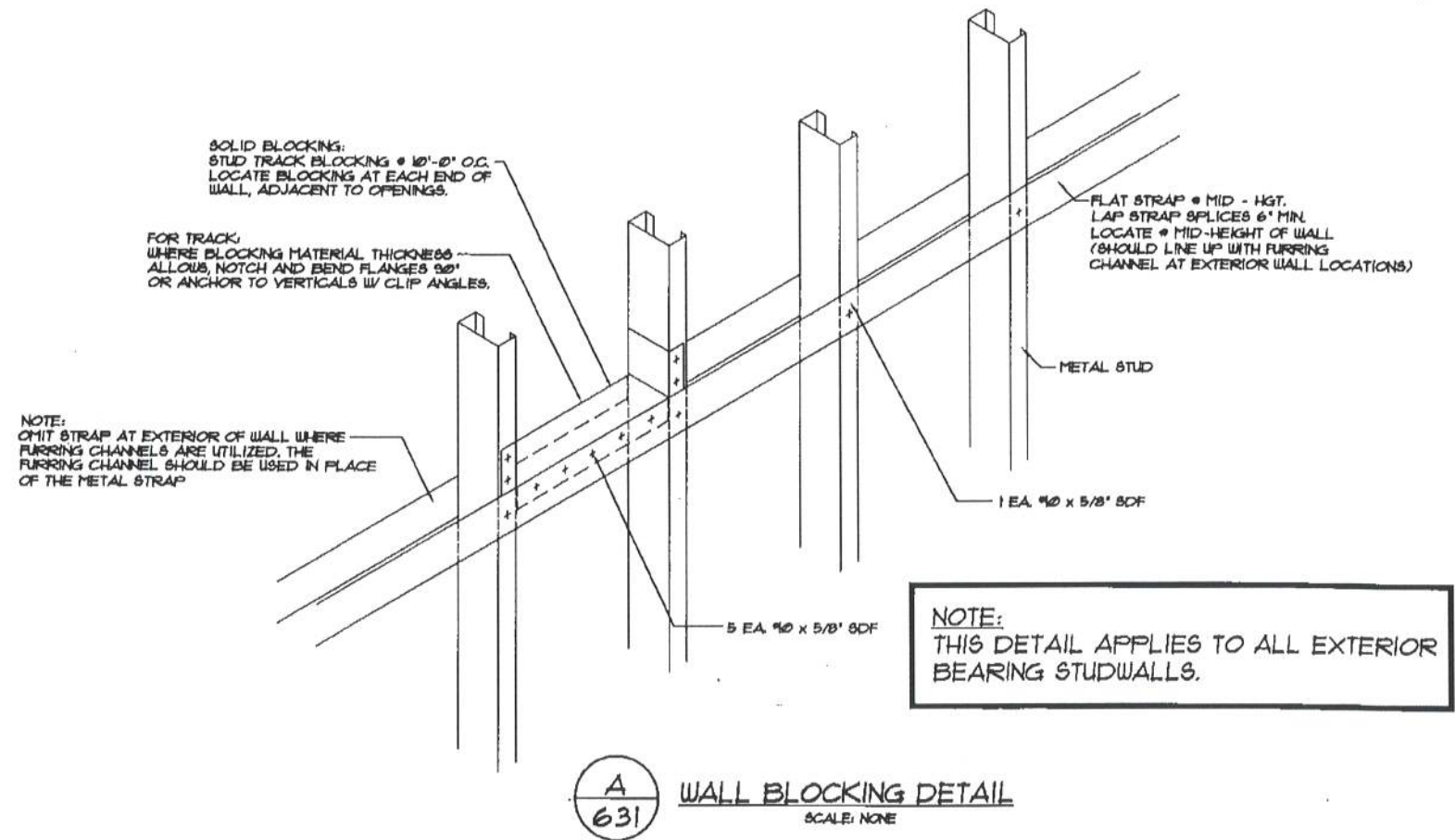
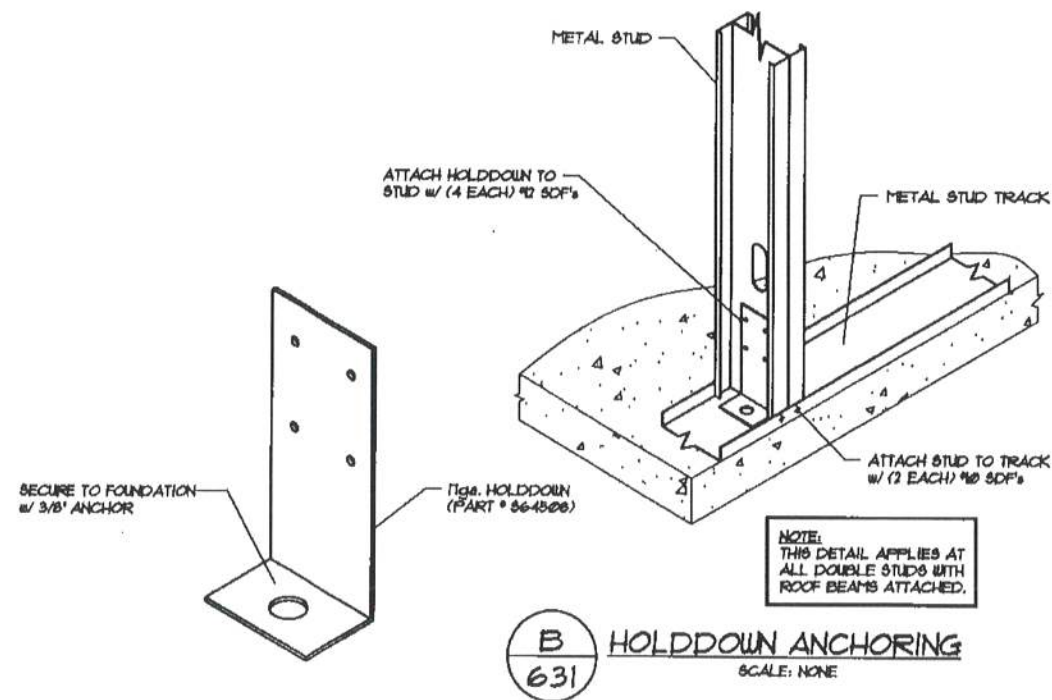
NOTE #1: IF STUDWALL IS GREATER THAN OR EQUAL TO 9'-10 1/2" HGT. 2 EQUALLY SPACED ROWS OF INTERMEDIATE FURRING CHANNELS ARE REQUIRED BETWEEN BASE AND TOP OF STUDWALL.

NOTE #2: NOT ALL BUILDINGS HAVE ROOF INSULATION, CHECK CROSS SECTION FOR INSULATION.

REVISED ENDWALL ZEE FROM 5 3/4' TO 4 1/2'	5/24/23	BDL
REVISIONS	DATE	BY

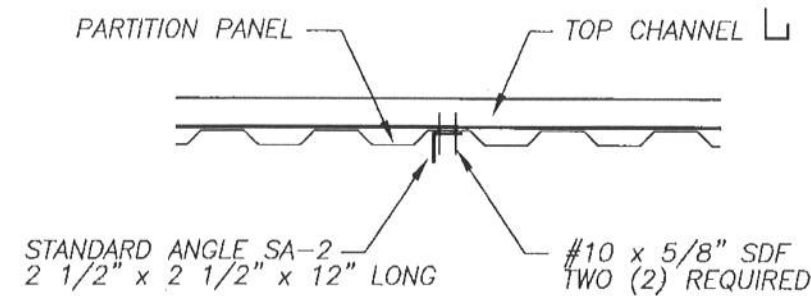
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SHEET TITLE: Studwall Sections		
DRAWN BY: JCM	APPROVED BY:	DRAWING NUMBER: ERC630X
SCALE: NTS	DATE: 11/8/11	

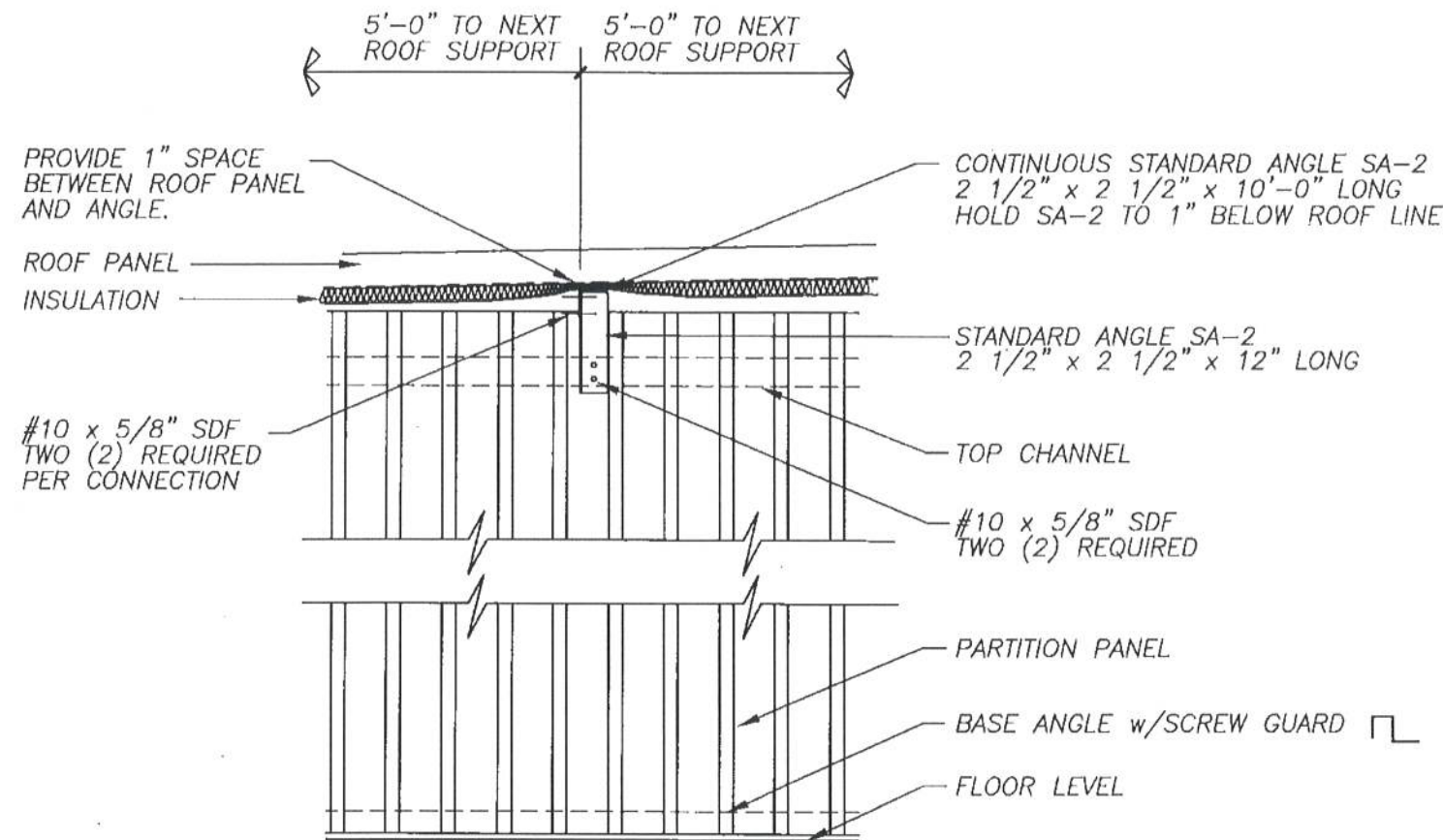


			SHEET TITLE: Studwall Details		
			DRAWN BY: JCM	APPROVED BY:	DRAWING NUMBER:
			SCALE: NTS	DATE: 11/8/11	ERC631X
REVISIONS	DATE	BY			

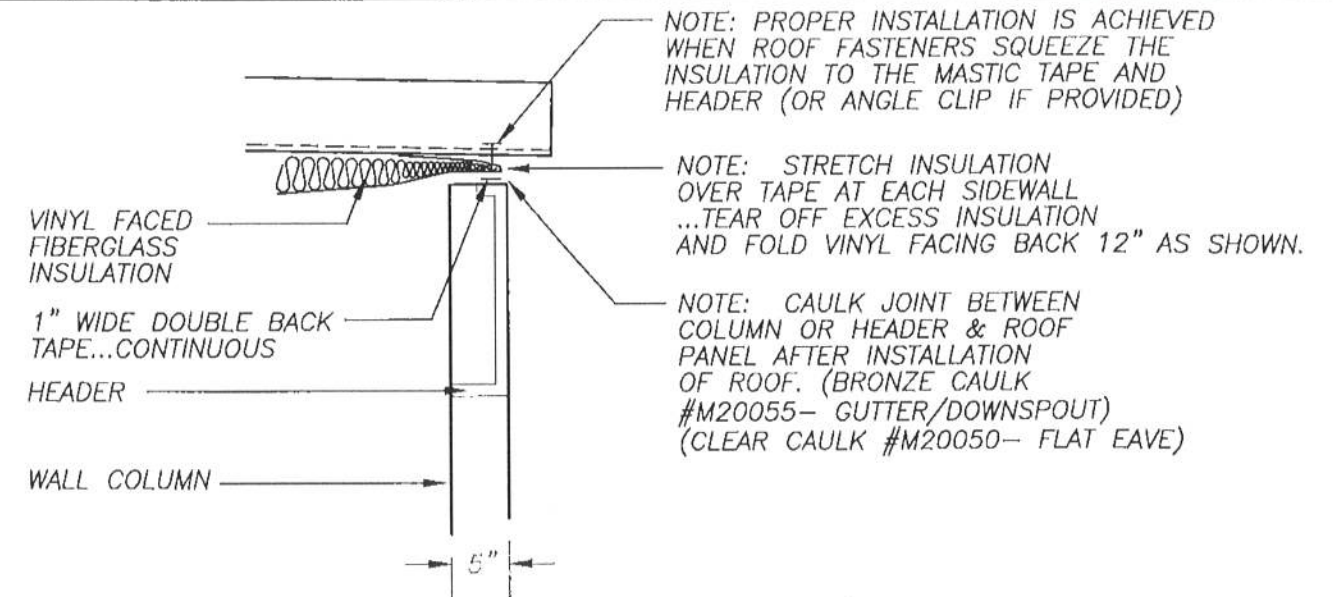
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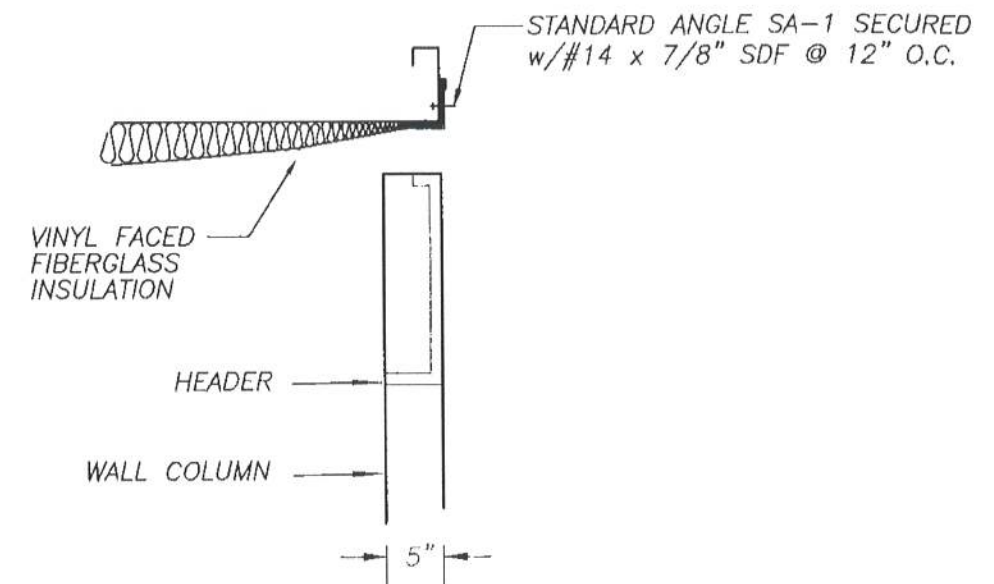
PLAN VIEW



ELEVATION AT INTERMEDIATE INSULATION SUPPORT



INSULATION INSTALLATION @ SIDEWALL



INSULATION INSTALLATION AT END WALL



REVISIONS	DATE	BY
3 ADDED ROOF FASTENER NOTE	4/17/03	JCM
2 REVISED SA-2 GAP	1/14/03	BAM
1 GENERAL REVISIONS	3-8-99	FOX

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SHEET TITLE: Insulation installation		
DRAWN BY: J Pope	APPROVED BY:	DRAWING NUMBER:
SCALE: NTS	DATE: 6-27-94	ERC700X