

ERECTION PROCEDURE:

STEP 1.

IF LINER IS TO BE INSTALLED IN THE BUILDING, 98144B SUPPORT ANGLES ARE INSTALLED ONLY AT THE SIDEWALLS. THE LINER CEILING TRIM WILL SUPPORT THE INSULATION BOARD AT THE ENDWALLS. IF NO LINER IS BEING USED, THE SUPPORT ANGLE IS INSTALLED ALONG THE FULL PERIMETER OF THE BUILDING. POSITION SUPPORT ANGLE $3\frac{3}{8}$ " BELOW THE TOP OF THE WALL CAP. SEE **SUPPORT ANGLE DETAIL**.

STEP 2.

THE LENGTH OF EACH MAIN SUPPORT WILL BE $6\frac{1}{8}$ " LESS THAN THE WIDTH OF THE BUILDING. DETERMINE REQUIRED LENGTH OF MAIN SUPPORTS AND EITHER CUT OR SPLICE AS REQUIRED. ASSEMBLE 858A/B "C" CHANNELS AND 859A/B "Z" SUPPORTS TO REQUIRED LENGTH ON THE GROUND PER **NOTE 6** AND **MAIN SUPPORT DETAILS** SHOWN ON DRAWING **TR-S-1**. IF MAIN SUPPORT REQUIRES SPLICING, SEE **NOTE 8** AND **DETAIL AT MAIN SUPPORT SPLICE** ON DRAWING **TR-S-1**. IF BUILDING WIDTH EXCEEDS 16'-0", ROOF HANGERS MUST BE INSTALLED IN THE CENTER OF EACH ROOF PANEL THAT ALIGNS WITH A MAIN SUPPORT. SEE **NOTE 9** ON DRAWING **TR-S-1** AND **ROOF HANGER DETAIL** BELOW.

STEP 3.

DETERMINE LOCATION OF FIRST MAIN SUPPORT PER **NOTE 7** ON DRAWING **TR-S-1**. PLACE FIRST MAIN SUPPORT IN POSITION, RESTING EACH END OF MAIN SUPPORT ON THE SIDEWALL SUPPORT ANGLES.

STEP 4.

FIRST SECTION OF KR1508 INSULATION BOARD (WHITE FACE DOWN), MUST BE FIELD CUT TO FIT BETWEEN ENDWALL AND FIRST MAIN SUPPORT LOCATION. REFER TO **NOTE 7** ON DRAWING **TR-S-1**. REST INSULATION BOARD ON SUPPORT ANGLES AND PUSH FIRST MAIN SUPPORT OVER THE EDGE OF THE INSULATION BOARD. SEE **MAIN SUPPORT DETAILS** ON DRAWING **TR-S-1**.

STEP 5.

IF BUILDING INTERIOR WIDTH IS WIDER THAN 8'-0" (RIB TO RIB), SPLICING OF MORE THAN ONE INSULATION BOARD WILL BE NECESSARY. THE SPLICE IS MADE USING A CROSS SUPPORT ASSEMBLY TO SUPPORT THE ENDS OF THE INSULATION BOARDS BEING SPLICED. FIELD CUT CROSS SUPPORT ASSEMBLIES AS REQUIRED AT STARTING AND FINISHING INSULATION BOARDS. SEE **CROSS SUPPORT DETAIL** AT RIGHT.

STEP 6.

ONCE THE FIRST SECTION OF INSULATION BOARD IS IN PLACE, INSTALL ROOF PANELS UP TO THE FIRST MAIN SUPPORT ASSEMBLY.

STEP 7.

LAY FIRST FULL WIDTH KR1508 INSULATION BOARD ON FIRST MAIN SUPPORT AND PUSH SECOND MAIN SUPPORT OVER THE EDGE OF THE INSULATION BOARD.

STEP 8.

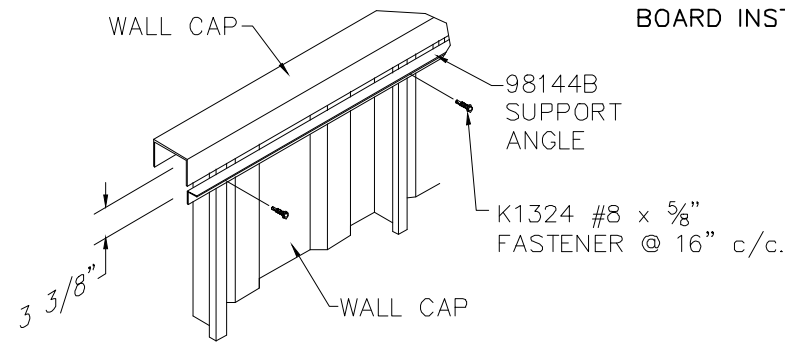
AT THIS TIME BEGIN INSTALLING YOUR UPPER LAYER OF KL1508 INSULATION. REFER TO **NOTE 4** ON DRAWING **TR-S-1**.

STEP 9.

REPEAT **STEPS #2, #5, #6, #7, AND #8** DOWN THE ENTIRE LENGTH OF BUILDING. FIELD CUT THE LAST SECTION OF KR1508 INSULATION BOARD TO FIT BETWEEN LAST MAIN SUPPORT AND ENDWALL AS DONE IN **STEP 4**.

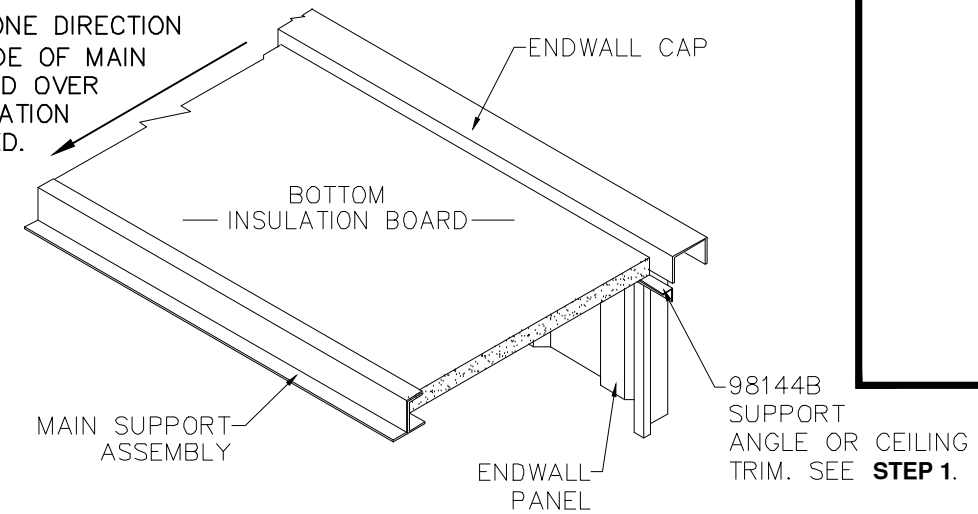
NOTE:

ALWAYS WORK ONE DIRECTION WITH THE 'C' SIDE OF MAIN SUPPORT PUSHED OVER THE LAST INSULATION BOARD INSTALLED.



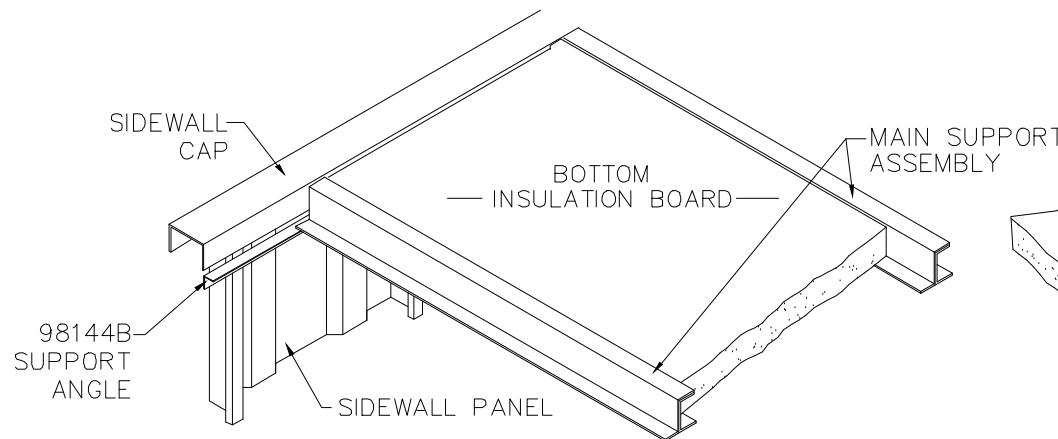
SUPPORT ANGLE DETAIL

SEE **STEP 1.**



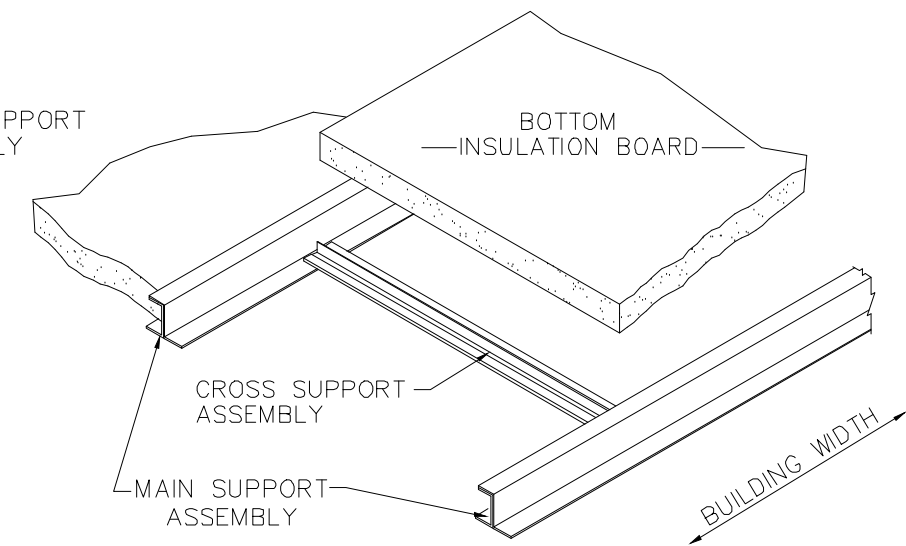
STARTING / FINISHING SECTION DETAIL

SEE **STEP 4.**



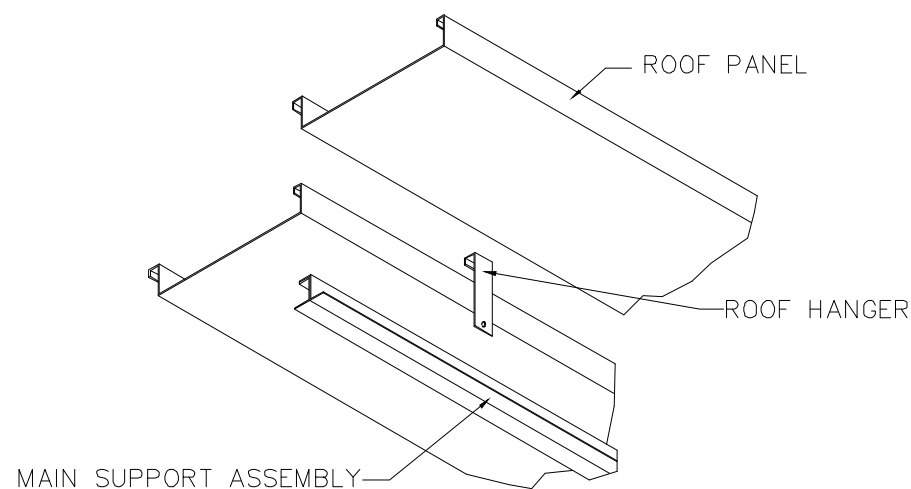
INTERMEDIATE SECTION DETAIL

SEE **STEP 7.**



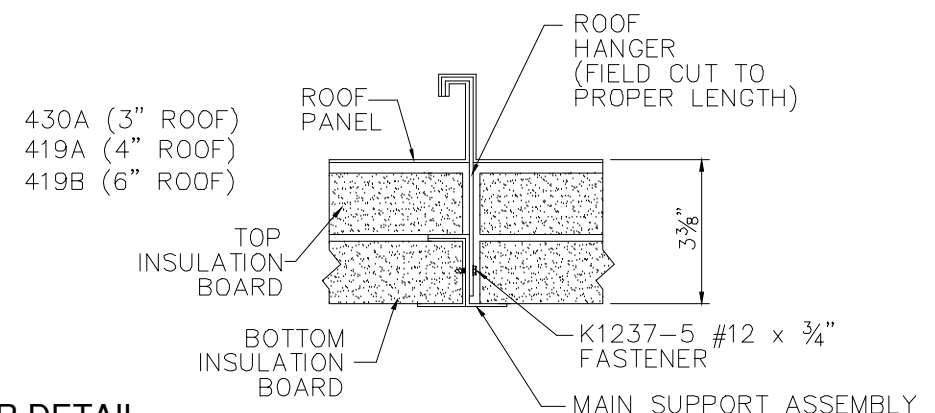
CROSS SUPPORT DETAIL

SEE **NOTE 6** ON DRAWING **TR-S-1** AND **STEP 5.**



ROOF HANGER DETAIL

SEE **NOTE 9** ON DRAWING **TR-S-1.**



REVISIONS	BY
11-29-07	RAP
12-05-07	BAS

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**THERMA-ROOF SYSTEM
INSTALLATION DETAILS
FOR TYPE 'S' BUILDINGS**

JOB DESCRIPTION

SHEET TITLE

STEPS AND DETAILS

DATE	08-07-06
DRAWN BY	CEM
SCALE	NTS
ORDER NO.	
REVISION	2

DWG. NO. **TR-S-2**