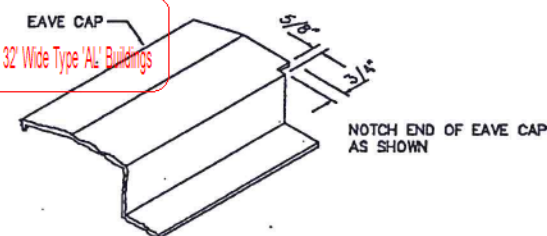


MEC/KMEC
Drum End Enclosure-Wall Erection Details 20' Thru 32' Wide Type 'AL' Buildings



DETAIL 1
EAVE CAP NOTCHING DETAIL

NOTES:

1. WINDBRACING LAYOUT AND DETAIL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH THIS DRAWING TO COMPLETE BRACING SYSTEM WHILE ERECTING WALLS.
2. WALL OPENINGS, SUCH AS DOORS AND WINDOWS, ARE TO BE INSTALLED WHILE WALLS ARE BEING ERECTED. REFER TO THE ACCESSORY DRAWINGS FOR PROPER PANEL DEDUCT AND INSTALLATION PROCEDURE.
3. DO NOT TIGHTEN BRACING BOLTS UNTIL ROOF PANELS ARE IN PLACE

WALL PANEL INSTALLATION

- STEP 1.** AFTER BASE CHANNEL IS INSTALLED, START WITH THE LEFT HAND CORNER PANEL AND ERECT THE ENDWALL AND A BAY LENGTH OF THE RIGHT SIDE WALL **PER STEP #2** (REFER WINDBRACING LAYOUT DRAWING FOR BAY LENGTHS). TEMPORARILY BRACE WALLS.
- STEP 2.** INSTALL WALL PANELS FROM LEFT TO RIGHT. BE SURE THAT WALL PANEL RIBS HOOK TO THE RIGHT. TILT PANEL INTO BASE CHANNEL, MAKING SURE THE PANEL FLUTE SEATS BEHIND TAB IN BASE CHANNEL. CONTINUE THIS PROCEDURE, INTERLOCKING THE PANEL RIBS. FASTEN PANEL TO BASE CHANNEL WITH K1100B 3/8"Ø BOLT AND K1100A RECTANGULAR NUT WITH K190-4 WASHER THRU HOLES IN BASE CHANNEL AND PANEL RIB. INSTALL K2917 PANEL CLOSURE INTO BOTTOM OF PANEL (THIS STEP CAN BE PERFORMED AFTER WALLS ARE ERECTED) (SEE SECTION THRU ENDWALL)
- STEP 3.** NOTCH 98007 EAVE CHAP AS SHOWN IN **DETAIL 1** TO CLEAR CORNER PANEL FLUTE. REFER TO CHART ON WINDBRACING LAYOUT DRAWING FOR PART NUMBERS. PLACE 98137 PANEL CAP ON SIDEWALL PANELS SO THAT THE FLUTES ARE CAPPED OFF. ON TOP OF THE PANEL CAP, PLACE WITH K1100B 3/8"Ø BOLT AND K1100A RECTANGULAR NUT WITH K190-4 WASHER AT EACH PANEL RIB. (SEE SECTION THRU SIDEWALL)
- STEP 4.** ERECT LEFT SIDEWALL SECTION BY STARTING FROM CORNER PANEL AND WORKING RIGHT TO LEFT, TILTING PANELS OUT FROM INSIDE OF THE BUILDING. FASTEN PANELS TO BASE CHANNEL AND INSTALL EAVE CAP AS IN THE PREVIOUS STEPS.

NOTE-A

ON SHORT BUILDINGS, SOME ERECTORS PREFER TO CONTINUE ERECTION TO THE RIGHT ALL THE WAY AROUND THE BUILDING BEFORE INSTALLING CROSS STRUTS.

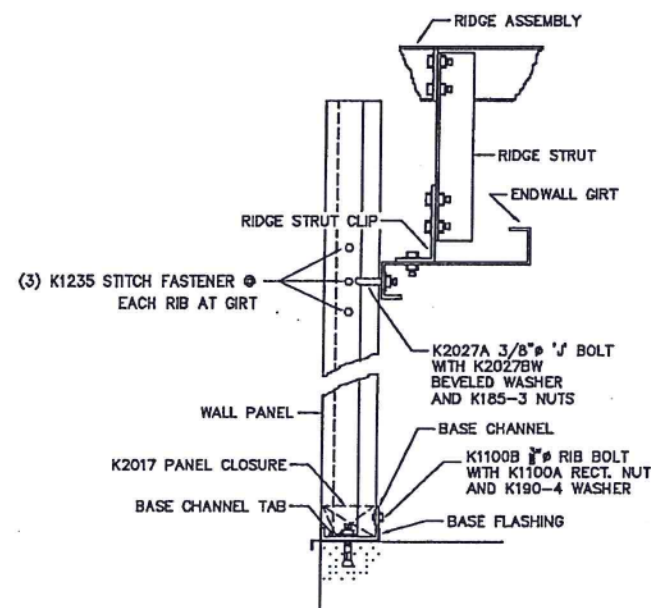
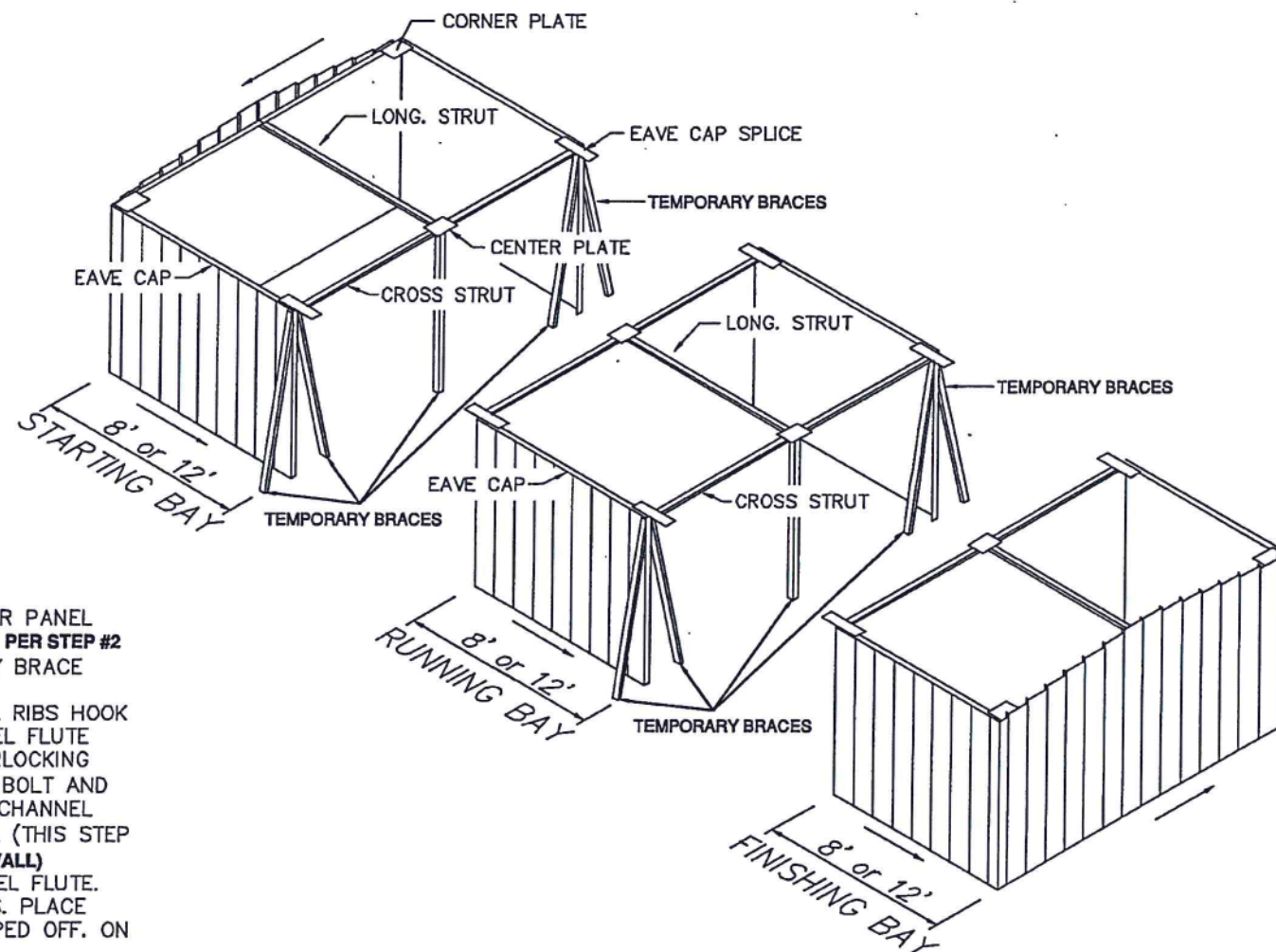
NOTE-B

IF PREFERRED, ERECTION OF THE LEFT SIDEWALL CAN BEGIN AT THE CROSS STRUT LOCATION AND WORK TOWARD STARTING CORNER. LAST PANEL MUST THEN BE TWISTED SLIGHTLY SO RIB CAN BE SEATED PROPERLY AT CORNER PANEL.

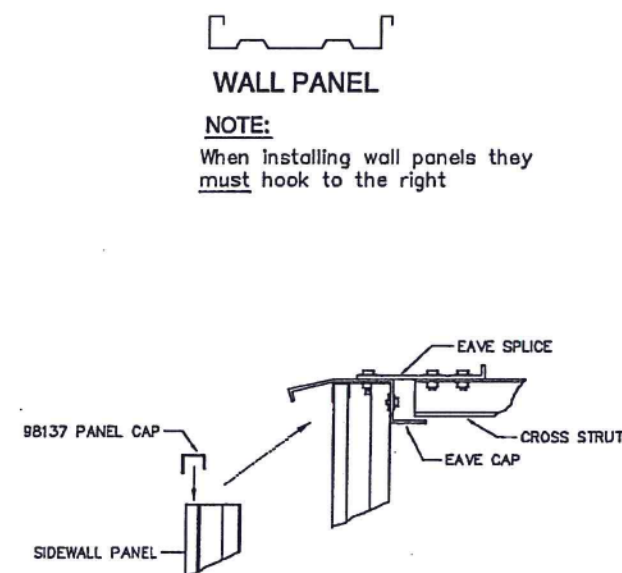
5. INSTALL CORNER PLATES, CORNER ANGLES, ENDWALL GIRT, AND CROSS STRUTS. PLACE TEMPORARY BRACE AT CENTER LINE OF BUILDING APPROXIMATELY 2" LONGER THAN HEIGHT OF BUILDING DO NOT TIGHTEN BOLTS. (SEE WINDBRACING LAYOUT AND DETAILS FOR INSTALLATION PROCEDURE) INSTALL 215A CORNER CLIPS AS SHOWN ON WINDBRACING DETAILS.
6. ERECT RIGHT SIDEWALL PANELS TO CROSS STRUT LOCATION OF RUNNING BAY(S).
7. INSTALL LEFT SIDEWALL BY STARTING AT CROSS STRUT AND WORKING TOWARD PANELS PREVIOUSLY INSTALLED AS IN **STEP 4**.
8. INSTALL CROSS STRUTS AND BRACE AS REQUIRED. (REFER TO WINDBRACING LAYOUT DRAWING)
9. REPEAT PREVIOUS STEPS UNTIL LAST CROSS STRUT IS INSTALLED.
10. ERECT LAST BAY OF RIGHT HAND SIDEWALL, ENDWALL AND LEFT HAND SIDEWALL.
11. **REPEAT STEP 5.**
12. INSTALL DIAGONAL BRACES, CROSS STRAPS AND RIDGE STRUTS. (REFER TO

NOTE-C

WINDBRACING LAYOUT DRAWING AND DETAILS)
SOME BUILDINGS REQUIRE CROSS STRUTS IN LIEU OF CROSS STRAPS



SECTION THRU ENDWALL



SECTION THRU SIDEWALL

WALL PANEL

NOTE:

When installing wall panels they must hook to the right

Thomas W. Thiele
MAY 09 2012

REVISIONS	BY
11-02-08	BHKJ



PARKLINE, INC.
P O Box 65 Winfield, WV 25213
phone: (304) 586-2113

JOB DESCRIPTION	WALL ERECTION DETAILS FOR 20' THRU 32' WIDE TYP 'AL', 2 ON 12 SLOPE BUILDINGS	SHEET TITLE	DETAILS
	DATE 03-07-05		
DRAWN BY	RAP	SCALE	N.T.S.
ORDER NO.		REVISION	1
DWG. NO.	AL-WALL-2		

VOGT POWER INTERNATIONAL
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06-Aug-2016