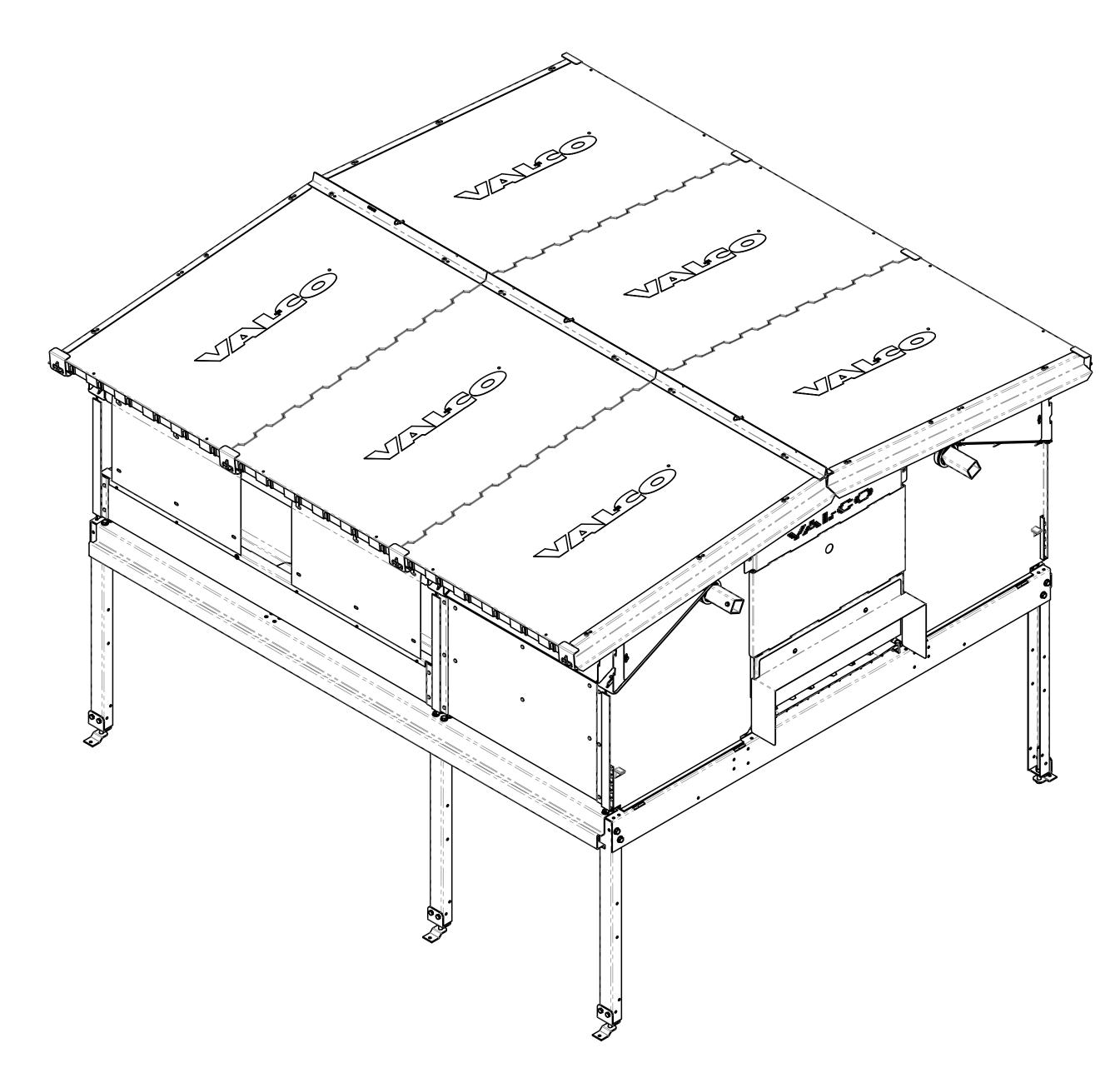




# COMMUNITY NEST FLAT-TOP INSTALLATION INSTRUCTIONS



FOR A NEW VAL-CO FLAT-TOP COMMUNITY NEST INSTALLATION USE THESE INSTRUCTIONS AS A SUPPLEMENT TO THE 990004 COMMUNITY NEST MANUAL, WITH THESE INSTRUCTIONS REPLACING THE FOLLOWING SECTIONS IN THE MANUAL:

2.8 SUB-ASSEMBLE - NEST SUB-ASSEMBLIES
3.16 EXPELLER DRIVE UNIT CONTACTOR PLATE ASSEMBLY
3.17 EXPELLER DRIVE UNIT CONTACTOR BOX CONTROLS
3.18 EXPELLER DRIVE UNIT DIVIDER WALL AND REAR PANEL ASSEMBLY
3.20 EXPELLER DRIVE UNIT FRONT PANEL ASSEMBLY
4.3 NEST ASSEMBLY - RIDGE CAP SUPPORT RAIL/RIDGE CAP/ANTI-PERCH FLAT BAR
4.7 NEST ASSEMBLY - TOP
5.2 WALL PANEL ASSEMBLIES

## <u>OR</u>

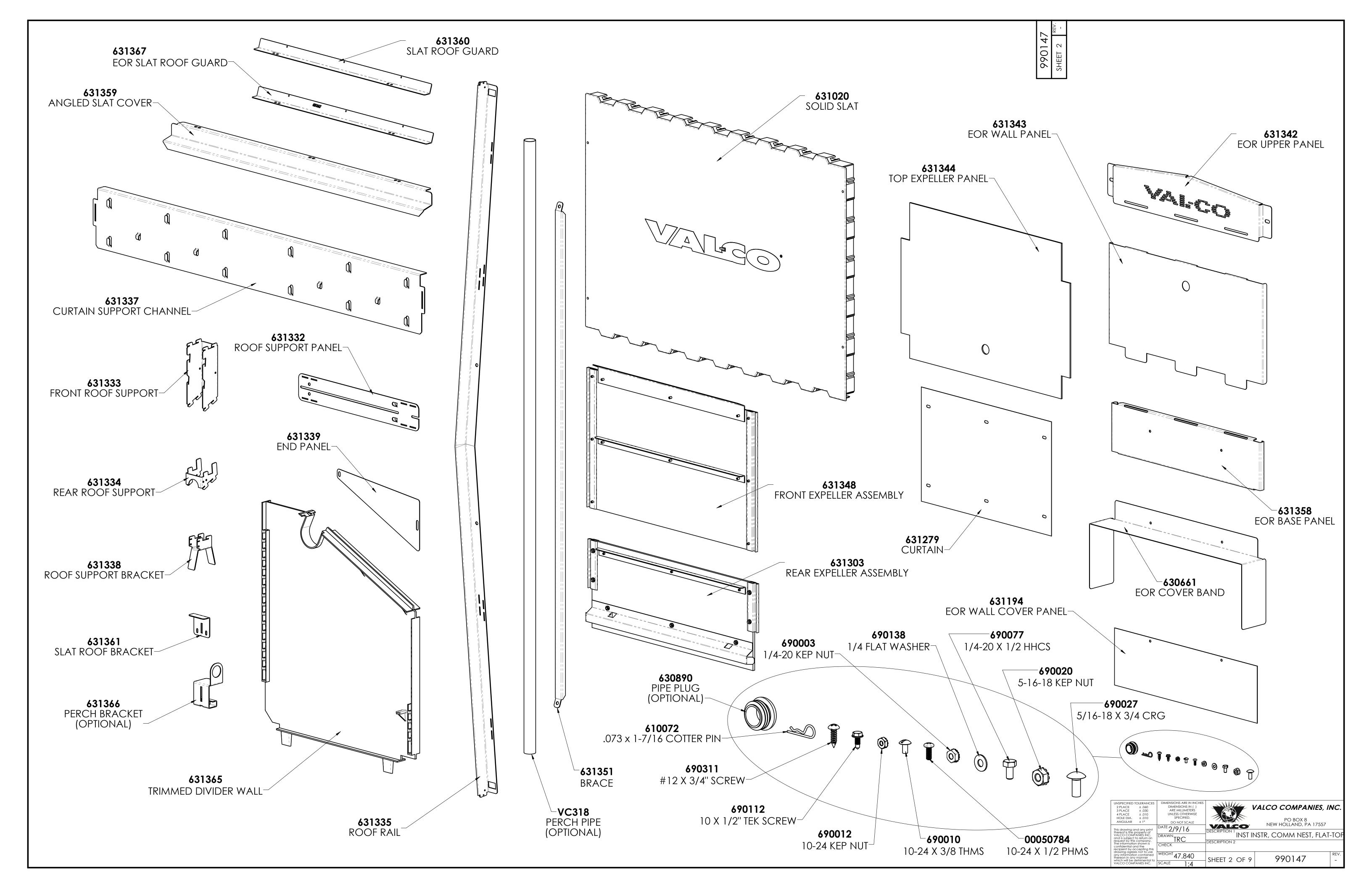
TO RETROFIT AN EXISTING VAL-CO COMMUNITY NEST WITH FLAT-TOP PARTS, REMOVE THE FOLLOWING PARTS:

NEST TOPS
RIDGE CAPS
RIDGE CAP SUPPORTS & HARDWARE
NEST TOP ANGLE SUPPORT BRACKETS & HARDWARE
END OF ROW WALL PANELS
EXPELLER WIRES & TUBES
NEST PARTITIONS

#### INDEX:

PARTS AND HARDWARE REFERENCE	SHEET 2
EXPELLER COMPARTMENT ASSEMBLY	SHEET 3
NEST ROOF SUPPORT PANEL ASSEMBLY	SHEET 4
ROOF FRAME SUPPORT ASSEMBLY	SHEET 5
ROOF PANEL ASSEMBLY AND END OF ROW	SHEET 6
END OF ROW AND INTERMEDIATE SECTION PANELS	SHEET 7
CROSS-BRACING ASSEMBLY	SHEET 8
OPTIONAL PERCH ASSEMBLY	SHEET 9

	NSPECIFIED TO 2 PLACE 3 PLACE 4 PLACE HOLE DIA. ANGULAR	DLERANCES ± .060 ± .030 ± .010 ± .010 + 1°	DIMENSIONS ARE IN INCHES DIMENSIONS IN ( ) ARE MILLIMETERS UNLESS OTHERWISE SPECIFIED.		/ALCO COMPANIES, II	NC.
This drawing and any print thereof is the property of VALCO COMPANIES INC, and is subject to return on request by this company. The information shown is		ad any print roperty of ANIES INC, o return on company.	DATE 2/9/16  DRAWN TRC  CHECK	DESCRIPTION 1 INST INDESCRIPTION 2	NEW HOLLAND, PA 17557 NSTR, COMM NEST, FLAT	-TOP
redr ar th	confidential and the recipient by accepting this drawing agrees not to use any information contained thereon in any manner which will be detrimental to VALCO COMPANIES INC.		WEIGHT 412.240 SCALE 1.8	SHEET 1 OF 9	990147	REV.



THE INSTRUCTIONS BELOW (FIG.1) REPLACE THE FOLLOWING SECTIONS IN THE MANUAL:

#### 3.18 EXPELLER DRIVE UNIT DIVIDER WALL AND REAR PANEL ASSEMBLY 3.20 EXPELLER DRIVE UNIT FRONT PANEL ASSEMBLY

631348 FRONT & 631303 REAR EXPELLER ASSEMBLIES ARE SUPPLIED FULLY ASSEMBLED.

INSERT EACH ASSEMBLY INTO THE "L" CHANNEL SLOTS OF 631365. THE DIVIDER WALLS THE SAME WAY THAT THE NEST BOX FRONTS AND BACKS ARE ASSEMBLED.

BE SURE TO INSERT THE REAR EXPELLER ASSEMBLY BEFORE ATTACHING THE EXPELLER DRIVE UNIT TO THE FRAME. IF THE EXPELLER DRIVE UNIT IS ATTACHED TO THE FRAME BEFORE THE REAR EXPELLER ASSEMBLY IS INSERTED INTO THE DIVIDER WALLS, THEN THE "L" CHANNELS WILL HAVE TO BE DISASSEMBLED FROM THE PLASTIC PANELS IN ORDER TO FIT THE FULL EXPELLER ASSEMBLY IN UNDER THE EXPELLER DRIVE UNIT.

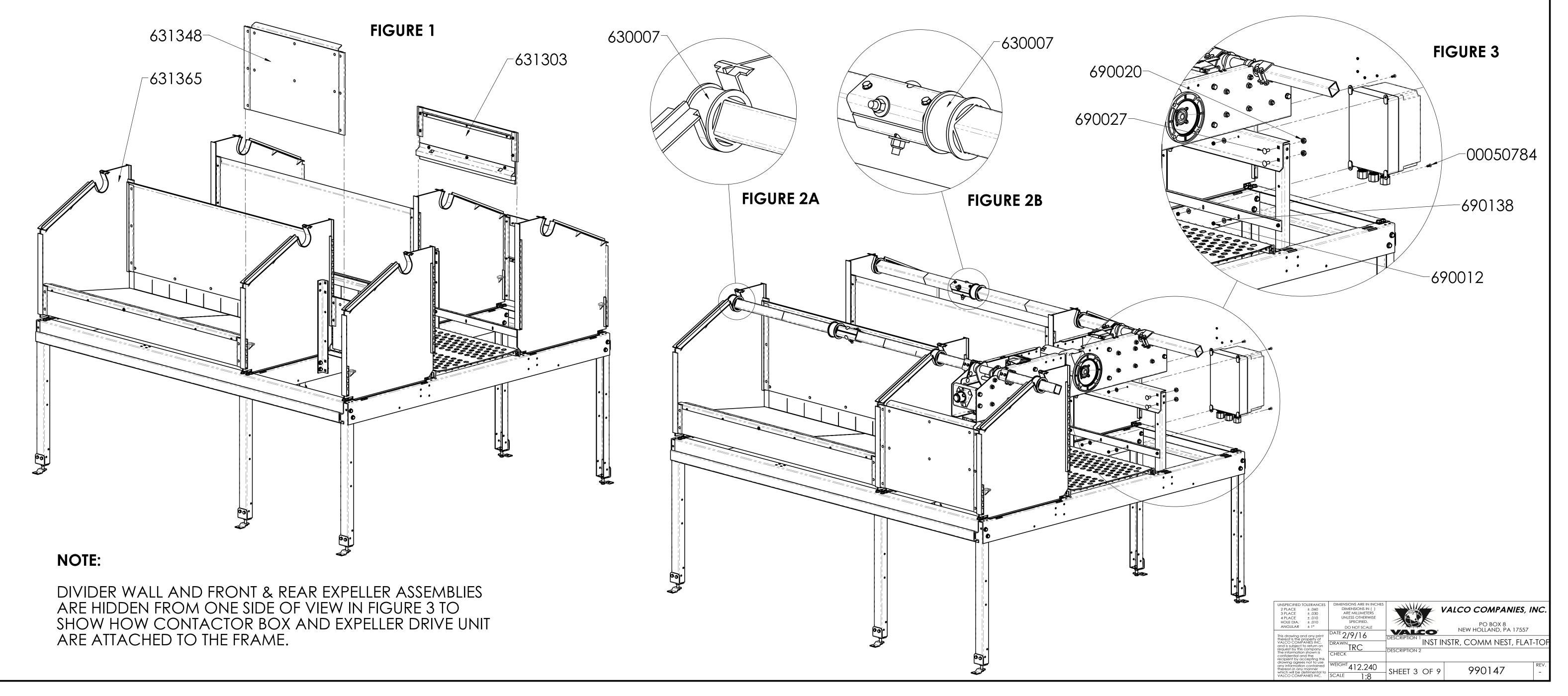
THE INSTRUCTIONS BELOW (FIG.2 & 3) REPLACE THE FOLLOWING SECTIONS IN THE MANUAL:

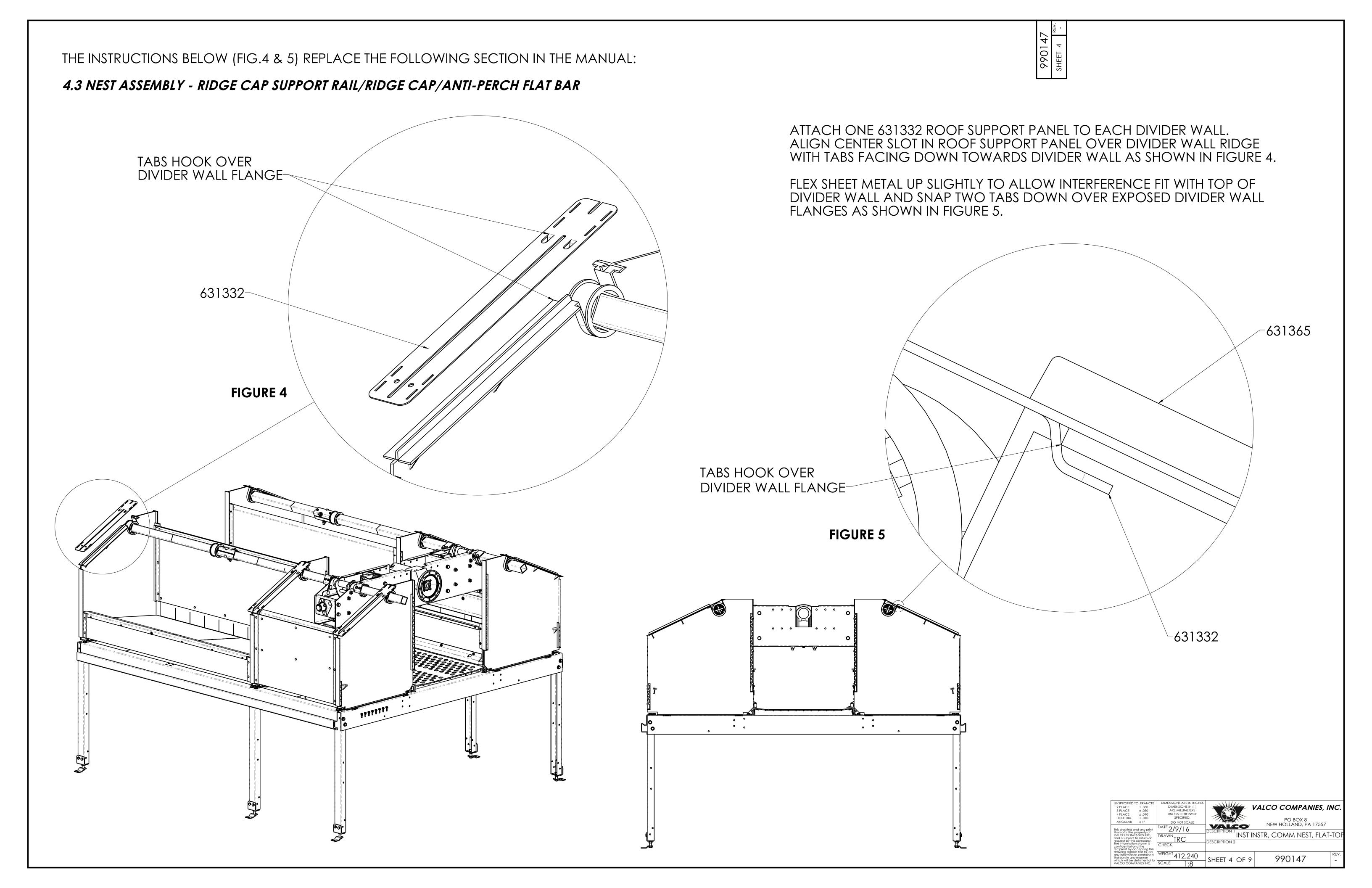
# 3.16 EXPELLER DRIVE UNIT CONTACTOR PLATE ASSEMBLY 3.17 EXPELLER DRIVE UNIT CONTACTOR BOX CONTROLS

ATTACH THE CONTACTOR BOX TO THE TWO CHANNELS SHOWN BELOW IN FIGURE 3 USING FOUR 00050784 SCREWS, 690138 WASHERS & 690012 NUTS.

ATTACH THE EXPELLER DRIVE UNIT TO THE VERTICAL CHANNELS SUPPLIED WITH THE FRAME COMPONENTS USING EIGHT 6900027 SCREWS & 690020 NUTS.

FOLLOW **4.4 NEST ASSEMBLY - EXPELLER** INSTRUCTIONS IN MANUAL TO INSTALL EXPELLER TUBES AND GROMMETS, AS SHOWN IN FIGURES 2A & 2B, BUT WAIT TO INSTALL EXPELLER WIRES & HARDWARE UNTIL AFTER ROOF FRAMEWORK IS INSTALLED. ONE GROMMET IS INSTALLED BETWEEN EACH PAIR OF PARTITIONS, AS SHOWN IN FIGURE 2B.





THE INSTRUCTIONS BELOW (FIG. 6-9) REPLACE THE FOLLOWING SECTION IN THE MANUAL:

## 4.3 NEST ASSEMBLY - RIDGE CAP SUPPORT RAIL/RIDGE CAP/ANTI-PERCH FLAT BAR

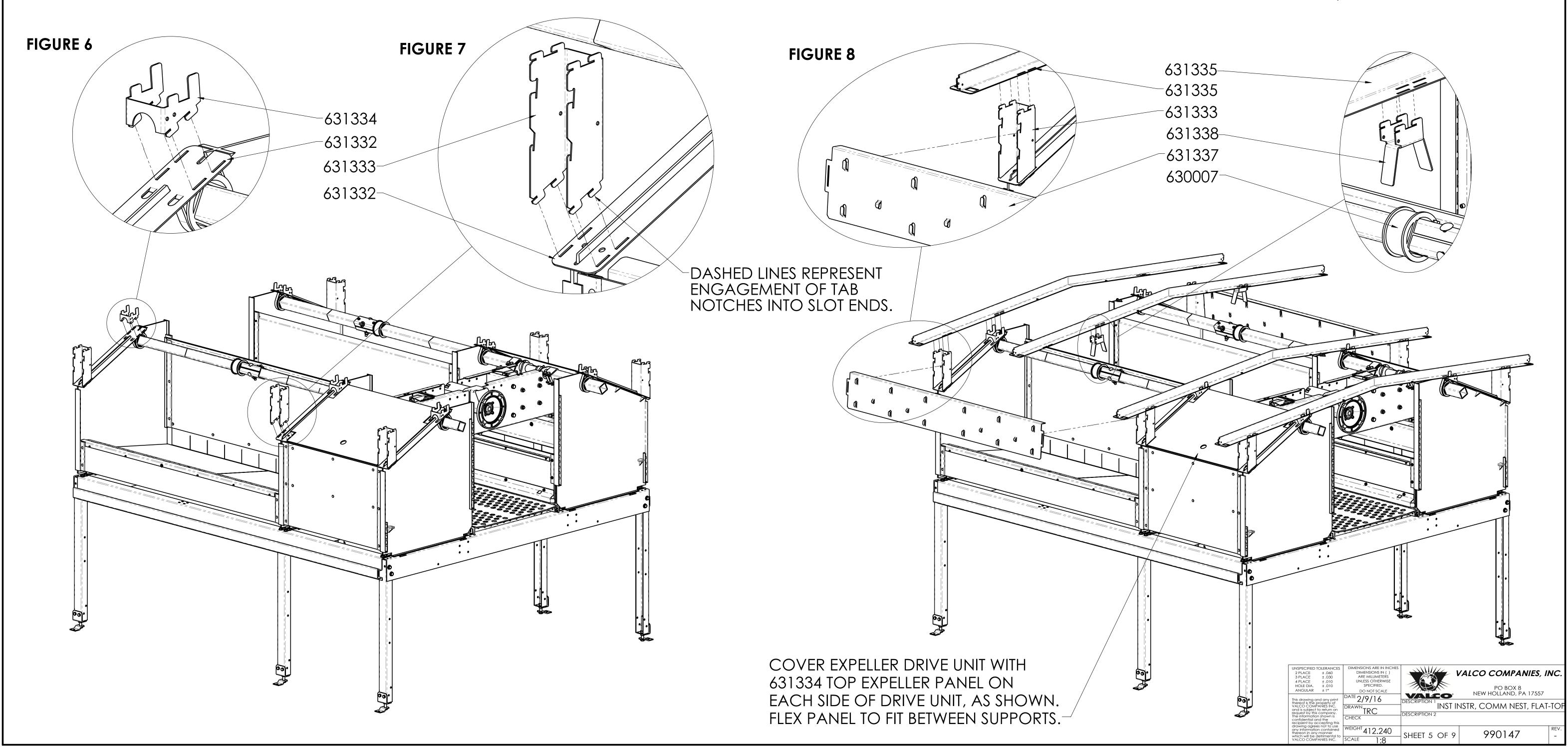
631333 & 631334 FRONT & REAR ROOF SUPPORTS CAN BE ATTACHED TO THE ROOF FRAMEWORK ONCE THE 631332 ROOF SUPPORT PANELS ARE IN PLACE.

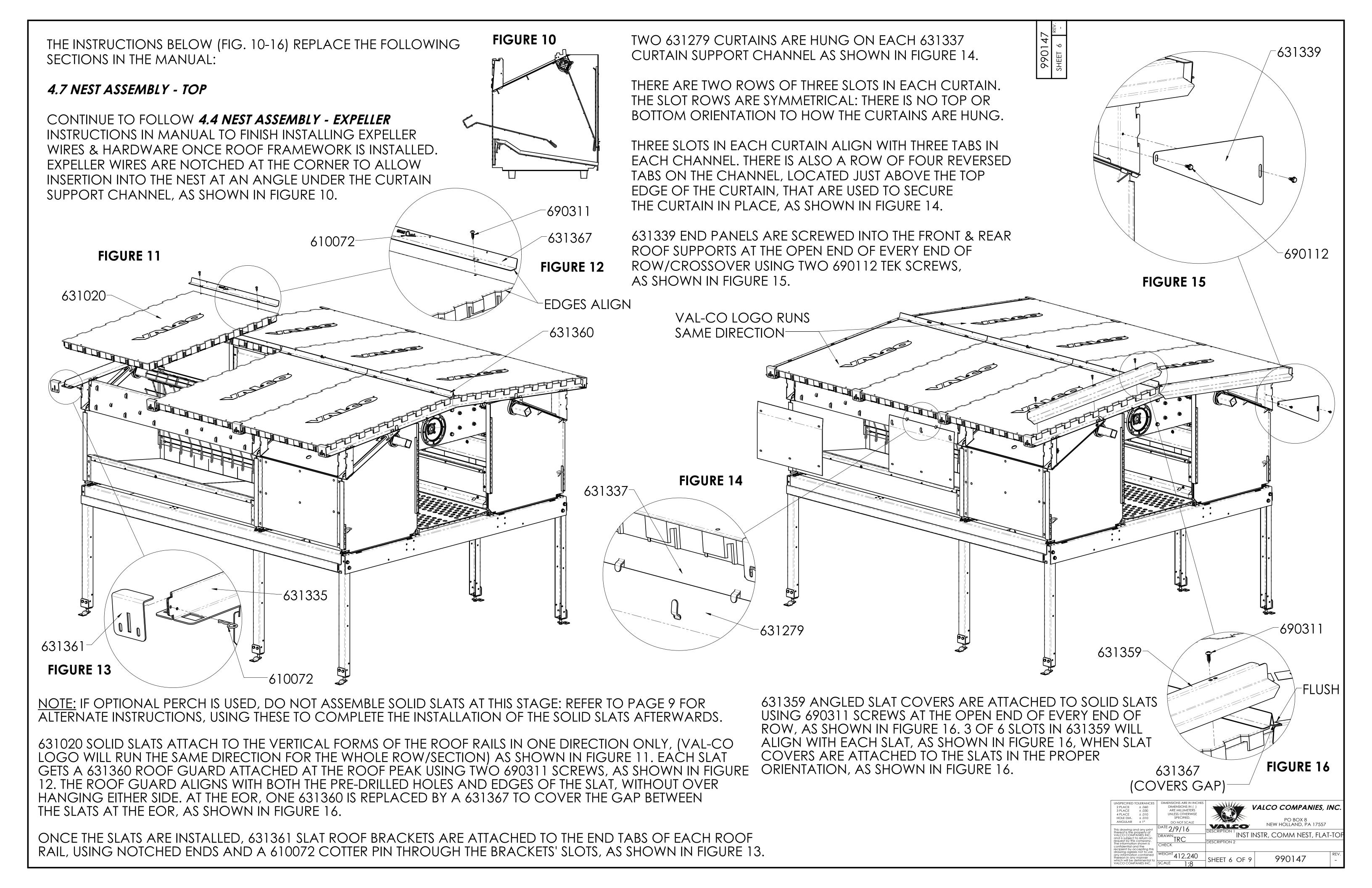
THE BOTTOM TABS OF THE FRONT & REAR ROOF SUPPORTS FIT INTO EXTENDED SLOTS IN THE ROOF SUPPORT PANELS, AS SHOWN IN FIGURES 6 & 7. THE DASHED LINES ON EXPLODED VIEWS REPRESENT ENGAGEMENT OF TAB NOTCHES INTO ENDS OF SLOTS.

EACH SET OF PARTITIONS SUPPORTS A 631335 ROOF RAIL THAT ATTACHES TO THE PREVIOUSLY ASSEMBLED 631333 FRONT ROOF SUPPORTS USING NOTCHED TABS, WHILE SIMULTANEOUSLY RESTING ON THE EXTENDED TABS IN THE PREVIOUSLY ASSEMBLED PAIR OF 631334 REAR ROOF SUPPORTS, ALIGNING THE RAIL ACROSS TWO PARTITIONS, AS SHOWN IN FIGURE 8.

EACH 631335 ROOF RAIL THAT IS INSTALLED BETWEEN A PAIR OF PARTITIONS ATTACHES TO A PAIR OF 631388 ROOF SUPPORT BRACKETS USING NOTCHED TABS, WHICH REST ON A PAIR OF 630007 GROMMETS, AS SHOWN IN FIGURE 9.

ONCE THE ROOF RAILS ARE SECURED, A 631337 CURTAIN SUPPORT CHANNEL IS ATTACHED TO A PAIR OF FRONT ROOF SUPPORTS USING THE SAME TAB DESIGN, AS SHOWN IN FIGURE 8.





THE INSTRUCTIONS BELOW (FIG. 17-20) REPLACE THE FOLLOWING SECTION IN THE MANUAL: 5.2 WALL PANEL ASSEMBLIES END PANEL SUB-ASSEMBLY: THE 631358 EOR BASE PANEL HAS HOLES IN IT FOR THE 630661 690077 COVER BAND TO BE ATTACHED USING A PAIR OF 690010 SCREWS 631343 631358-AND 690012 NUTS, AS SHOWN IN FIGURE 18. THE EOR BASE PANEL HAS FORMED FLANGES ON THE SIDES THAT SLIDE DOWN INTO THE FIGURE 17 "L" CHANNEL ON THE SIDES OF THE DIVIDER WALLS. FIGURE 18 630661-631342 THE 631342 EOR UPPER PANEL ATTACHES TO THE OUTER FACE OF THE END DIVIDER WALLS AND IS SECURED BY A PAIR OF 690077 STRAIGHT TAB & SLOT SCREWS AND 690003 NUTS, AS SHOWN IN FIGURE 17. THE PANEL CONNECTION-RESTS ON TOP OF THE DIVIDER WALL CHANNELS AND CENTERS BETWEEN THEM; HOLES MUST BE FIELD DRILLED IN DIVIDER WALL TO 690003 MOUNT THE PANEL USING A .281 [ 7MM ] DRILL BIT. THE SCREW HEADS SHOULD BE PLACED INSIDE THE PANEL, WITH THE NUTS TIGHTENING AGAINST THE STEEL BODY OF THE UPPER PANEL. THE 631343 EOR WALL PANEL HAS STRAIGHT TABS AT THE BOTTOM THAT 690012 FIT INTO SLOTS IN THE UPPER BEND OF THE EOR BASE PANEL AND FORMED TABS AT THE TOP THAT HOOK DOWN INTO SLOTS CUT INTO THE BOTTOM FORMED TAB & SLOT 690010-FLANGE OF THE EOR UPPER PANEL, AS DETAILED IN FIGURES 17 & 18. CONNECTION THE 631194 EOR WALL COVER PANEL IS ATTACHED TO THE END OF 631343 THE ROW AT THE OPPOSITE END FROM THE EGG COLLECTOR, TO TO B PREVENT EGGS FROM ROLLING BACKWARDS INTO THE IDLER 631194 ASSEMBLY, AS SHOWN IN FIGURE 18. IT HAS HOLES THAT ALLOW IT TO BE ATTACHED TO THE BASE PANEL. THERE IS NO HARDWARE TO LOCK THE 631343 EOR WALL PANEL INTO PLACE, WHICH ALLOWS IT TO BE REMOVED EASILY WHEN DOING GENERAL MAINTENANCE. 690077 VALCO 631332 690003 FIGURE 19 690112 AT EACH CROSS-OVER AND END OF ROW, A 690003 NUT FIGURE 20 AND 690077 BOLT SHOULD BE USED TO LOCK THE 631332 ROOF SUPPORT PANEL TO THE END DIVIDER WALL, AS SHOWN IN FIGURE 19. THERE IS A LOCATING HOLE IN EACH ROOF SUPPORT PANEL FOR THIS PURPOSE. A HOLE WILL NEED TO BE FIELD DRILLED INTO THE DIVIDER WALL 690112 TEK SCREWS SHOULD BE DRILLED INTO THE USING A .281IN [ 7MM ] DRILL BIT. EXPOSED ENDS OF EXPELLER TUBES AT THE END OF EACH ROW TO PREVENT THE DIVIDER WALL FROM SHIFTING, AS SHOWN IN FIGURE 20 AND THE MANUAL: VALCO COMPANIES, INC 4.5 NEST ASSEMBLY - CAPPING ENDS OF EXPELLER TUBES INST INSTR, COMM NEST, FLAT-990147

