

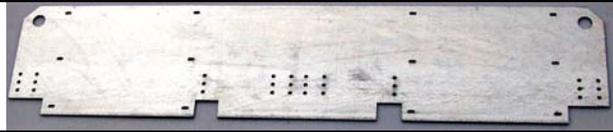


18 x 8 SINGLE,
18 x 8 DOUBLE,
& 12 x 8 DOUBLE BUCKET
HEAD SERVICE PLATFORM
ASSEMBLY MANUAL
FOR
30" HEAD

OVERVIEW:

The head service platform is designed to be mounted directly below the head section onto the first section of trunking. To accomplish this you will need a 10' long section of trunk. It will also be necessary to elevate one end of the trunk, as well as attach the head to the trunk at a certain point during assembly. Therefore a boom truck or large forklift will be required.

LIST OF THE PLATFORM PARTS

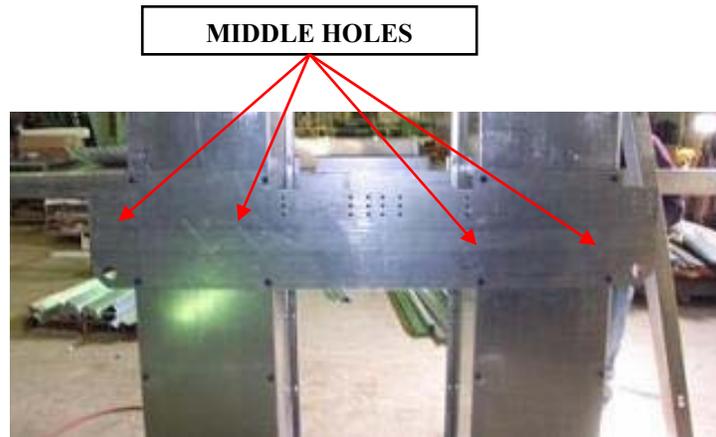
DESCRIPTION OF PART	#	PICTURE
PLAT FORM MOUNTING PLATES 66 3/16" X 14" -5 GA 2PS REQ'D	1	
PRIMARY SUPPORT CHANNEL 71 1/16" X 7 3/4" - 8 GA 1 PCS REQ'D	2	
PRIMARY SUPPORT CHANNEL 79 1/8" X 7 3/4" -8 GA 2PCS REQ'D	3	
18X8 OUTER TOE BOARD END 115 1/8" X 5 7/8" -10 GA 2PCS REQ'D	4	
18X8 DOUBLE →18 X18 OUTER TOE BOARD END-LONG 72.312 X 5.875 – 10 GA 2 PCS REQ'D → 18 X 8 OUTER TOE BOARD END-SHORT 60.875 X 5.875 – 10 GA 2 PCS REQ'D)		
12X8 DOUBLE →18 X18 OUTER TOE BOARD END-LONG 66.25 X 5.875 – 10 GA 2 PCS REQ'D → 18 X 8 OUTER TOE BOARD END-SHORT 54.812 X 5.875 – 10 GA 2 PCS REQ'D)		
SHORT OUTER TOE BOARD SIDE 48 15/16" X 5 1/2" -10 GA 2PCS REQ'D		
LONG OUTER TOE BOARD SIDE 101 7/8" X 5 1/2" -10 GA 2PCS REQ'D	6	
INTER TOE BOARD 100" X 5 1/2" -10 GA 2PCS REQ'D	7	
RAIL POSTS 42" X 4" -10 GA 4PCS REQ'D	8	
JOINER RAIL POSTS 42" X 6" -10 GA 6PCS REQ'D	9	
FLOOR SUPPORT ANGLE 23 15/16" X 4" -14 GA 12PCS REQ'D	10	

DESCRIPTION OF PART	#	PICTURE
LONG SIDE HAND RAIL 100 13/16" X 4" -10 GA 4PCS REQ'D	11	
SHORT SIDE HAND RAIL 47 5/8" X 4" -10 GA 4PCS REQ'D	12	
FRONT & REAR HAND RAIL 114" X 4" -10 GA 4PCS REQ'D		
18X8 DOUBLE →18X8 FRONT & REAR H. RAIL 60.812 X 4 10 GA 4 PCS REQ'D →18X8 FRONT & REAR H. RAIL 72.187 X 4 10 GA 4 PCS REQ'D	13	
12X8 DOUBLE →18X8 FRONT & REAR H. RAIL 54.75 X 4 10 GA 4 PCS REQ'D →18X8 FRONT & REAR H. RAIL 66.25 X 4 10 GA 4 PCS REQ'D		
KICK BRACE 62.875" X 3" -10 GA 2 PCS REQ'D	14	
SECONDARY SUPPORT CHANNEL DOOR SIDE 52" X 7 7/16" -10 GA 5PCS REQ'D		
18X8 DOUBLE SECONDARY SUPPORT CHANNEL DOOR SIDE 61 X 7.437 10 GA 5 PCS REQ'D	15	
12X8 DOUBLE SECONDARY SUPPORT CHANNEL DOOR SIDE 55 X 7.437 10 GA 5 PCS REQ'D		
SECONDARY SUPPORT CHANNEL DRIVE SIDE 63 7/16" X 7 7/16" -10 GA 7PCS REQ'D		
18X8 DOUBLE SECONDARY SUPPORT CHANNEL DRIVE SIDE 72.437 X 7.437 10 GA 7 PCS REQ'D	16	
12X8 DOUBLE SECONDARY SUPPORT CHANNEL DRIVE SIDE 66.437 X 7.437 10 GA 7 PCS REQ'D		
SECONDARY SUPPORT CHANNEL DOOR 39 3/8" X 7 7/16" -10 GA 2 PCS REQ'D		
12x8 DOUBLE SECONDARY SUPPORT CHANNEL JOINER 39 3/8" X 7 9/16" -10 GA 2 PCS REQ'D	17	

DESCRIPTION OF PART	#	PICTURE
SECONDARY SUPPORT CHANNEL JOINERS 28 7/8" X 6" -10 GA 7PCS REQ'D	18	
PRIMARY SUPPORT CHANNEL - SHORT 33" X 7 3/4" -10 GA 1 PC REQ'D	19	
DOOR TOE BOARD 31" X 5 1/2" -14 GA 1 PC REQ'D	20	
INNER TOE BOARD 28 11/16" X 5 1/2" -14 GA 2PCS REQ'D	21	
DOOR TOE BOARD END PCS 11 5/8" X 4 1/8" -14 GA 1PC = 2PCS	22	
DOOR SUPPORT 24 1/4" X 3 3/16" -8 GA 2PCS REQ'D	23	
DOOR STIFFENERS 23" X 3" -10 GA 2 PCS REQ'D	24	
HINGE STIFFENERS 26 3/8" X 2 1/2" -10 GA 2PCS REQ'D	25	
KICK BRACE LADDER-DOOR SIDE 56 5/8" X 3" -10 GA 2 PCS REQ'D	14A	
Floor panel (door) 100 1/16 x 36 5/8"	26	See pictures below.
Floor panel 100 1/16 x 48"	27	
Floor panel 40 x 48"	28	
Floor panel 48 x 36 5/8"	29	
18x8 Single Floor panel 48 x 29 13/16"	30	
18x8 Double Floor panel 48 x 47 13/16"		
12x8 Double Floor panel 48 x 35 13/16"		

STEP:

1. Start by standing a 10' piece of trunk up on its side.
2. Now attach the (#1) 5ga mounting plates to the hemlock bolts ($\frac{3}{8}$ " dia.) on the trunk. The 5ga. mounting plates measure $66 \frac{3}{16}$ " long x 14" wide and mount to the first set of bolts below the flange on the trunk. The top and bottom holes of the mounting plates will line up with the existing bolts while the middle holes will need to be drilled through the trunk as shown in the picture.

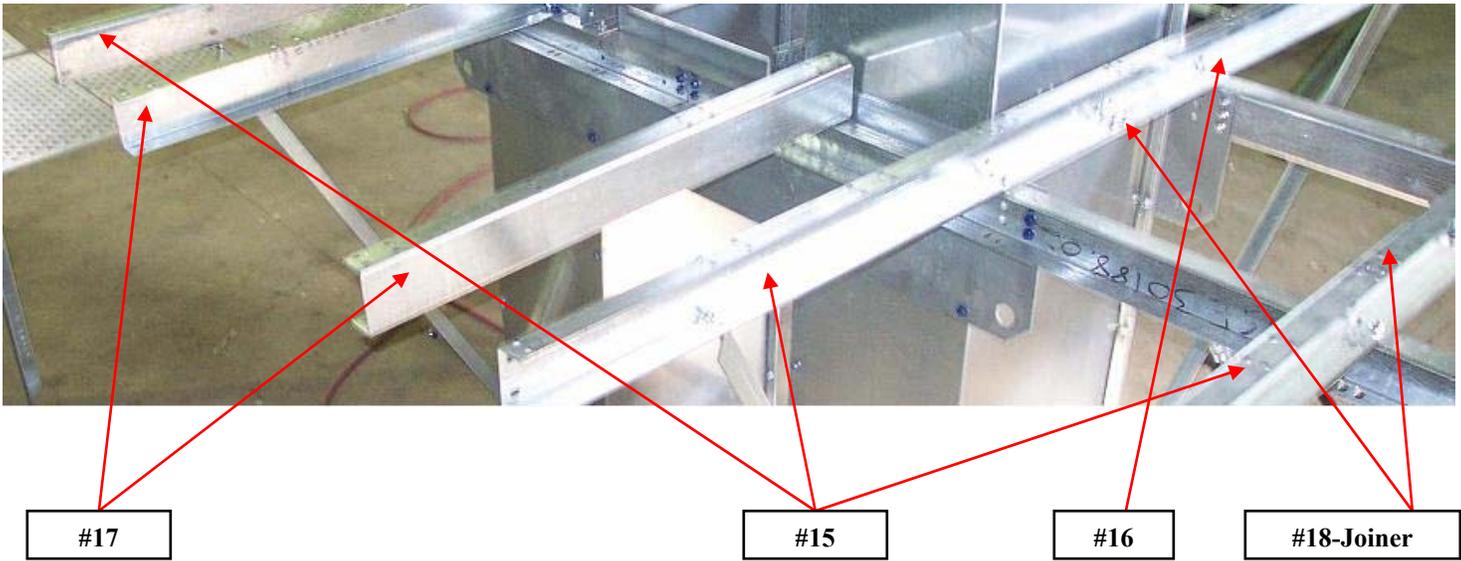


3. Once the mounting plates are bolted on and tightened, the (#2) front primary channels can be attached. These channels measure 4" deep X 2" wide. The channel on the ladder side is 33" long(#19), while the channel on the drive side of the leg is $71 \frac{1}{16}$ " long(#2). They get bolted to the 5 ga. mounting plates using $\frac{3}{8}$ " dia. bolts. **NOTE:** The primary support channel on the ladder side of the leg is made shorter to allow for installation of the square to round transition to the head discharge.

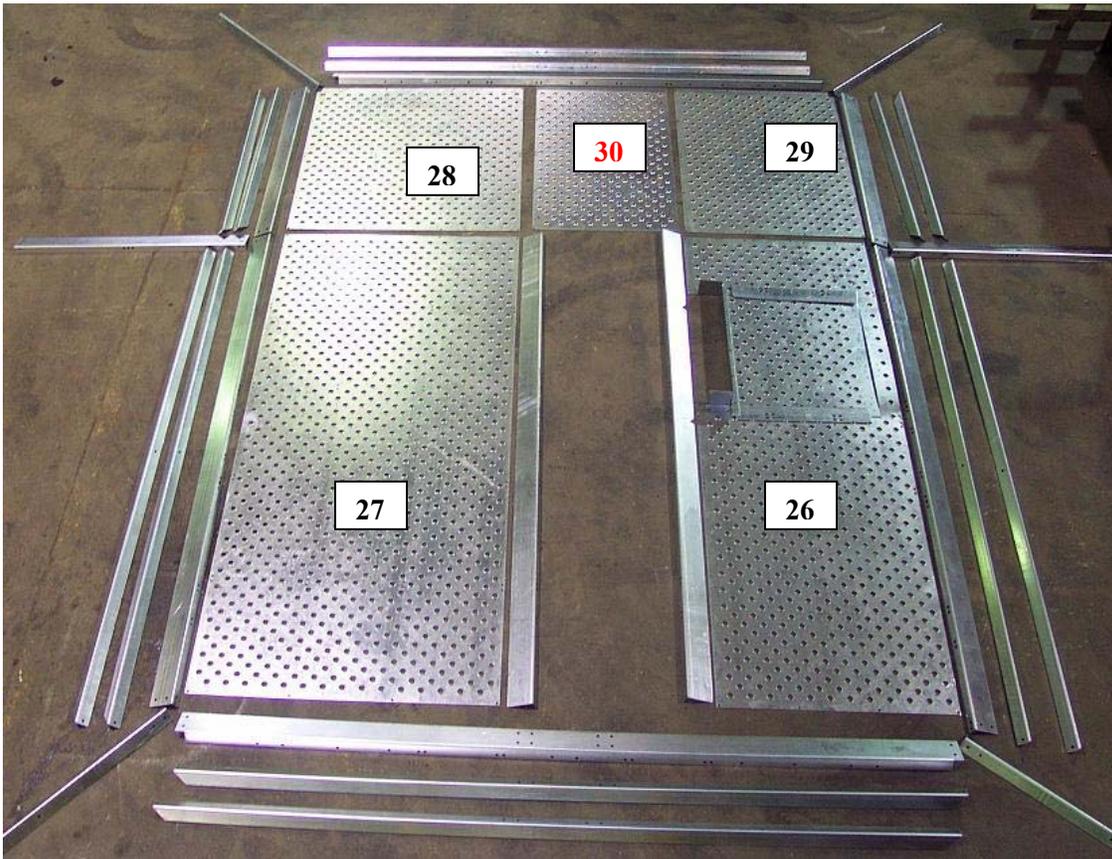


4. Now the (#3) rear primary support channels need to be installed. These channels are also 4" deep X 2" wide and are both $79 \frac{1}{8}$ " long. You will need to elevate the end of the trunk with a boom truck or forklift to install these; also using the $\frac{3}{8}$ " dia. bolts.
5. With the primary support channels assembled, you now need to install a secondary support channel at the end of the primary's to help stabilize the elevated trunking. The secondary support channels measures 4" X 2" X 52" (#15) and 4" X 2" X $63 \frac{7}{16}$ " (#16) get bolted on top of the primary channels with joiner (#18). The platform is designed to be offset to the drive side more than the ladder side.

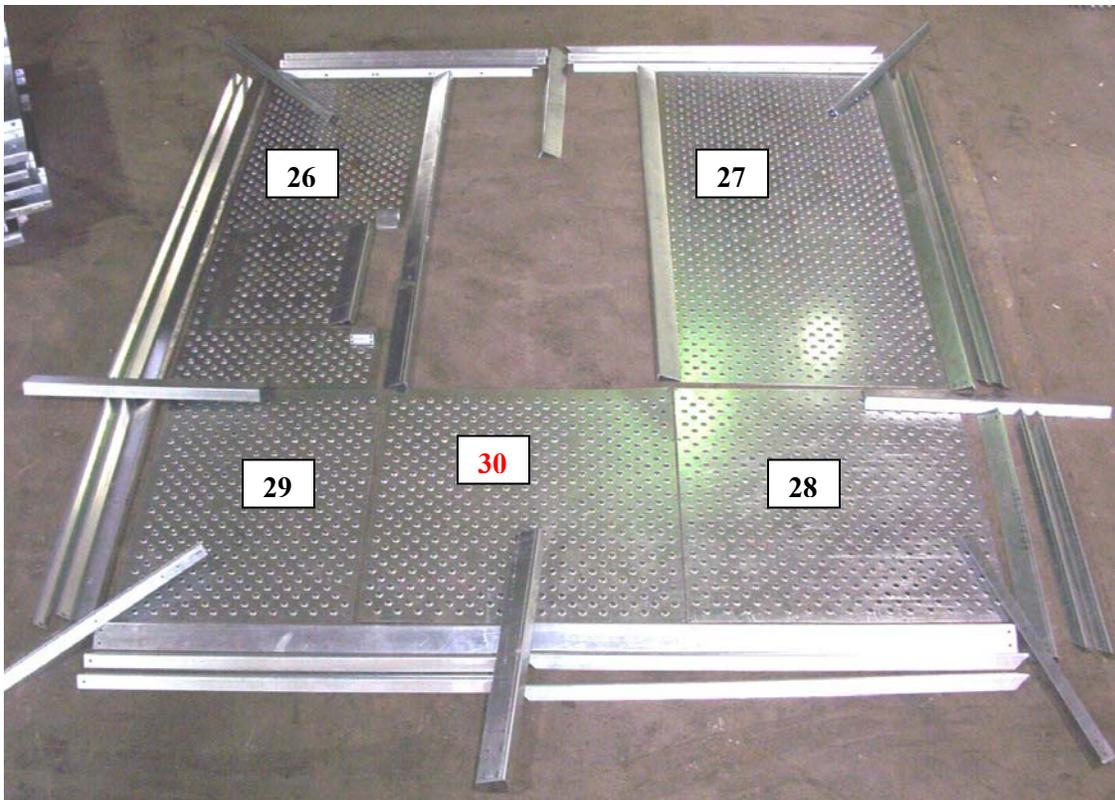
6. The remaining (#17-Door,#15,#16) secondary supports channels can now be installed using the $\frac{3}{8}$ " X 1" bolts.



7. To make it easier to install the toe boards (4" X 2" angles) and floor panels, lay them out on the ground as shown in the picture below. (For both types)



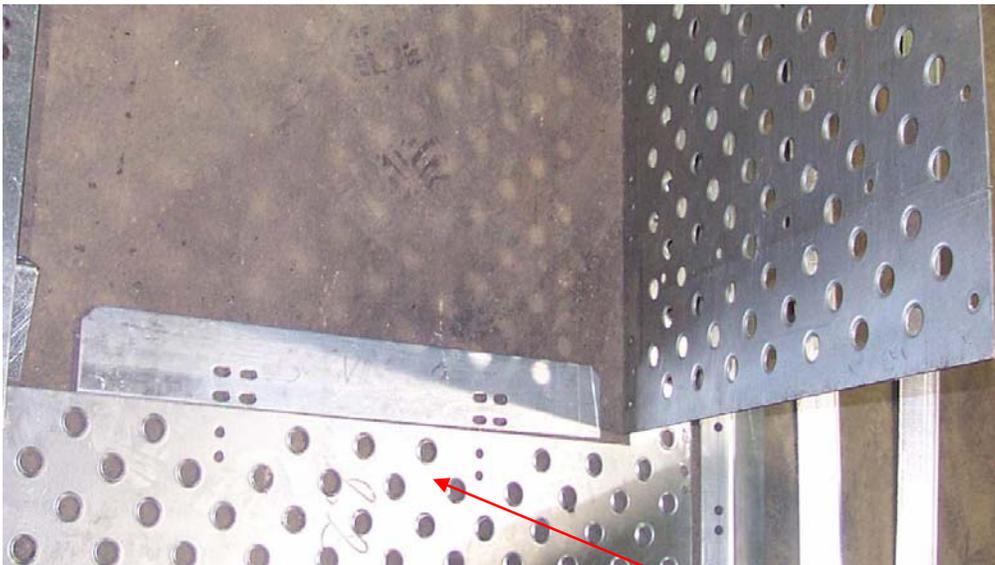
18x8 SINGLE SERVICE PLATFORM
12x8 SINGLE SERVICE PLATFORM (similar)



18x8 DOUBLE SERVICE PLATFORM
12x8 DOUBLE SERVICE PLATFORM (similar)

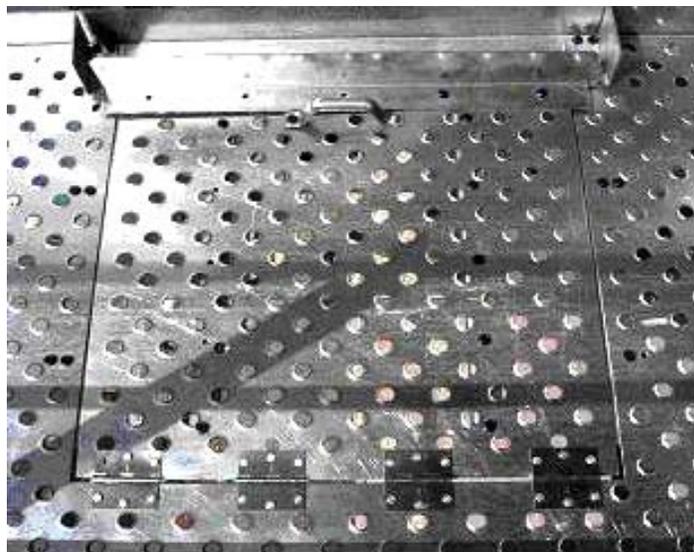
The handrails and rail posts can also be laid out on the ground with the platform to make it easier to find where they go later. The rail posts are 4 (#8-corners) and 2 (#9-intermediates). The hand rails are the parts as shown (#11, #12, #13) <4 pieces from each kind>. There will be (12) in total.

8. Once the floor panels, toe boards, and handrails are all laid out they can be assembled to the secondary support channels using $\frac{5}{16}$ " bolts. The floor panels can be put on in any order as can the toe boards, but the 1 $\frac{1}{2}$ " side of the toe board angle must go beneath the floor panel in order to provide the necessary support.
9. Now with the panels all bolted in place and tight, the 2" X 2" 10 ga. floor support angles(#14) need to be bolted in place. There are (4) in total.
10. Now the door panel needs to be assembled. There are 2 doorstops, which are the parts (#23) 8 ga. which mount under the top lip of the channel in the door area.

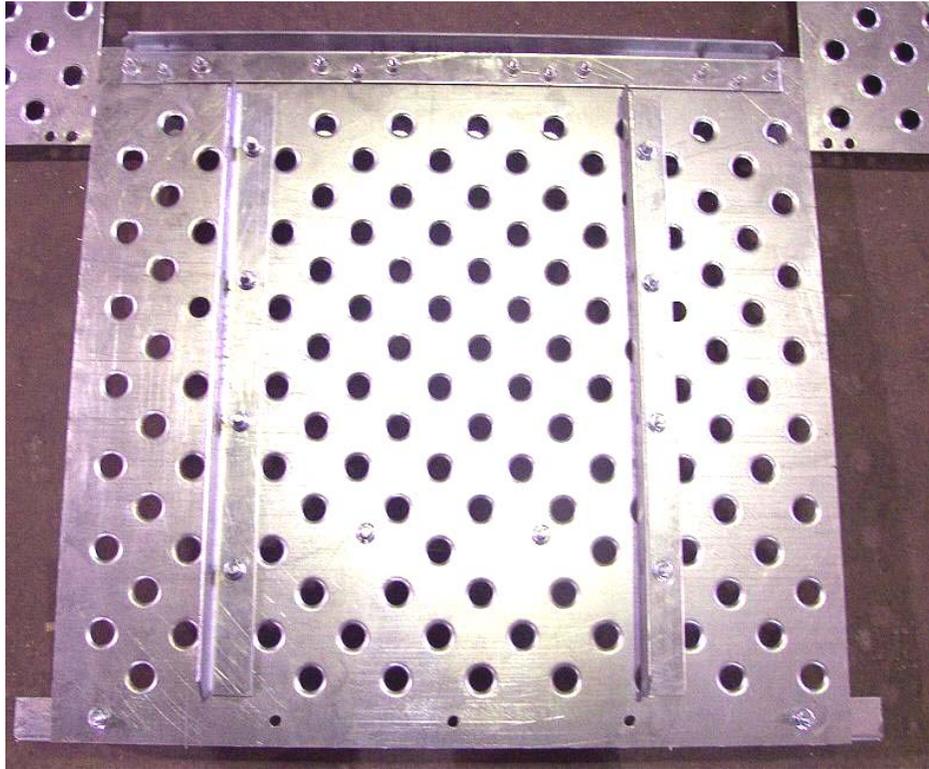


#23

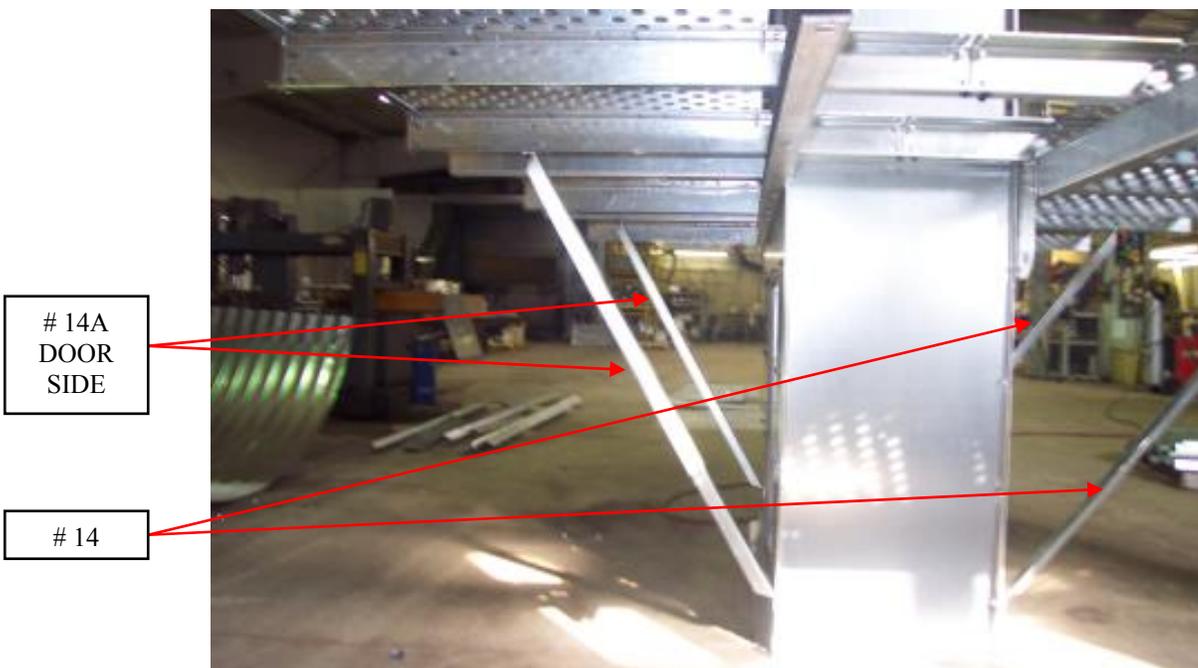
11. The picture below also shows the way the (3) pieces of toe board(#20, #22) are bolted around the ladder area, using $\frac{5}{16}$ " bolts. Along with the handle.



12. The hinge stiffeners(#25) and hinges can be installed now using the 1/4" dia. bolts. These get installed under the floor panels. As well there is door stiffener angle(#24) that can be bolted to the underside of the door to help stiffen it up.



13. The kick braces(#14) should now be installed to stabilize the platform. There are (4) in total. The ends of the kick braces will need to be bent approximately 45°.



14A
DOOR
SIDE

14

14. The final steps require mounting the head to the trunking. Assemble the handrails and finish bolting the motor mount braces to the motor mount channels on the head. Your platform should now look like the pictures below.

SOME ADDITIONAL PICTURES

