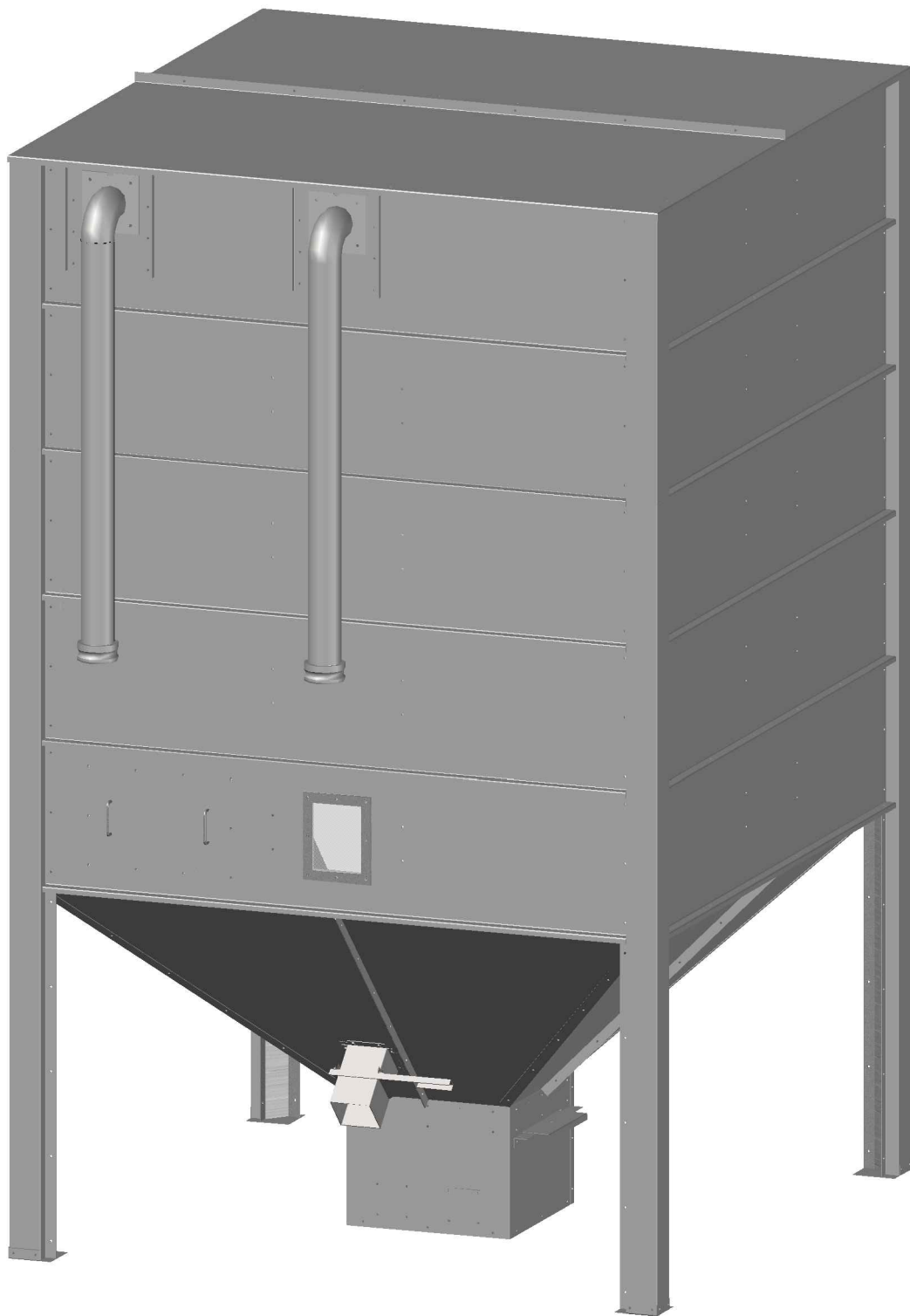




The Pellet Storage Experts



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**PARTS LIST AND ASSEMBLY
INSTRUCTIONS FOR 5 TONNE
STORAGE TANK**

Dear customer

Thank you for purchasing your pellet storage with us. The following are a list of guidelines for the assembly, safe usage and maintenance of this product. Please read this document carefully. If you have any questions regarding the correct assembly of the product you should contact the seller immediately.

Warranty - A two year material warranty is offered on all pellet stores sold, provided that the necessary criteria are met.

Delivery - Any damage or defects which occur during the delivery or installation of the products must be reported to the retailer of the product within one month of delivery.

Assembly - A customer can choose to have this pellet store assembled by a registered installer or to assemble themselves. It is important to note that should the customer choose to assemble themselves they will void their warranty on any defects which occur as the result of the assembly process. Assembly should be performed by two or more people and protective gloves should be worn at all times when lifting the individual panels. The sealant provided should be used on any contact surfaces during the assembly as well as on all visible joint surfaces on the inside of the store after it is put together. It is vital that this is done correctly for pellet stores located indoors to prevent the escape of dust during filling and for outside pellet stores to prevent the ingress of moisture into the store.

Operation - Any damage to either the pellet store or the pellets themselves resulting from the use of third party equipment is not covered under warranty. Any labour or call out costs incurred from this damage or defects resulting from the assembly process are also not covered.

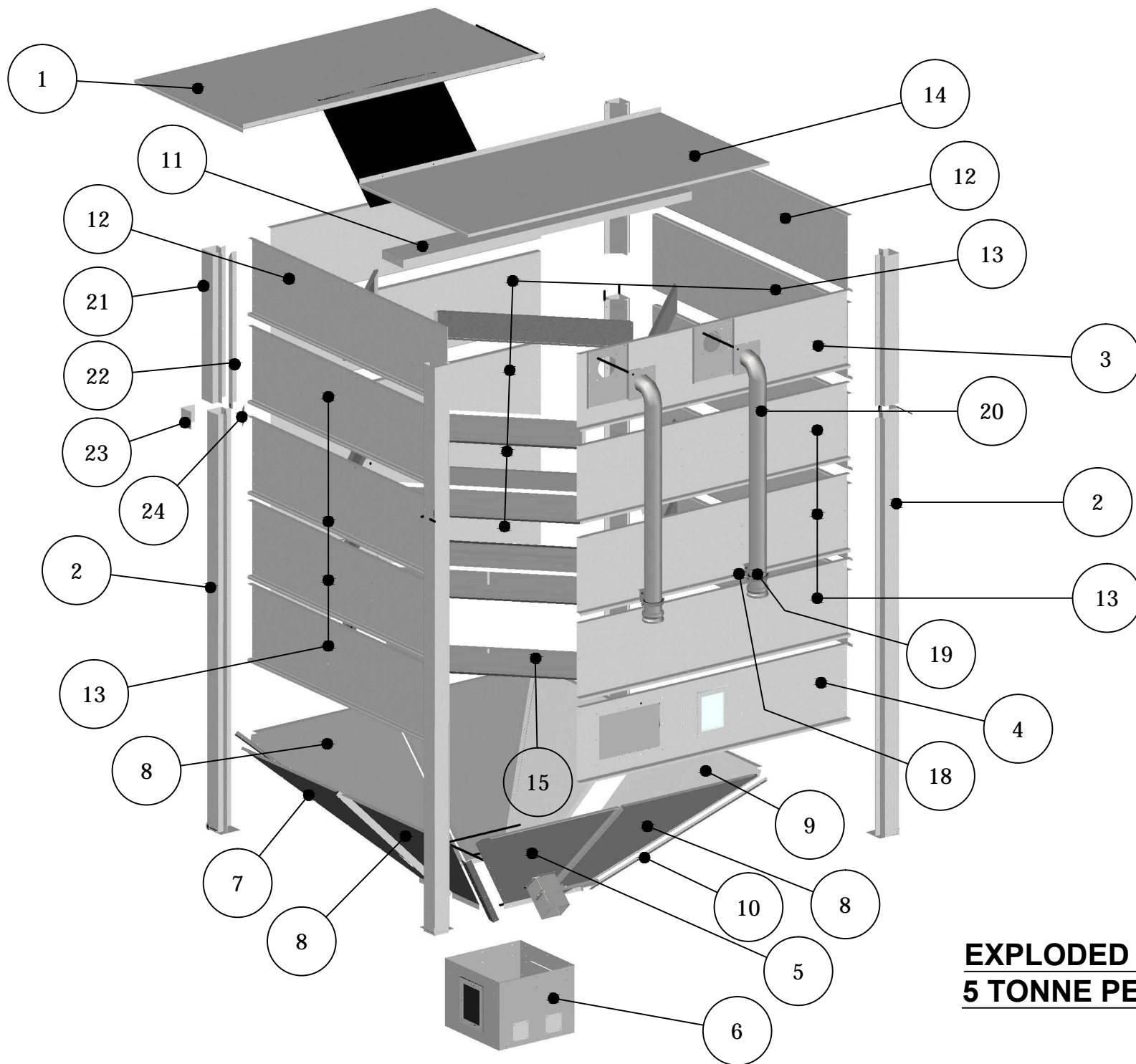
Safety - Both the silo itself and the pellet delivery truck should be earthed during filling in order to prevent the build up of static electricity. No electrical items such as lights, sensors or transport systems should be installed within the pellet store unless done so by a registered installer. The pellet store and its immediate vicinity should be clear of any fire hazards.

Maintenance - The silo should be emptied completely and cleaned at least once a year to facilitate the removal of dust from the feedbox, funnel and whatever pellet transfer system is being used.

Filling - All of our pellet stores are fitted with a dust extraction connection. We would recommend the use of a pellet delivery truck which can offer the facility of dust removal during filling. If this is not possible the dust extraction cap should still be opened during the filling process and if possible a filter sock should be used to trap the dust generated. If the dust extraction cap is not opened during filling it could result in considerable damage to the pellet store itself and it is the responsibility of both the customer and delivery driver to ensure that this is done. It is also generally recommended that the filling pressure from the delivery truck does not exceed 2 bars and that the pellet store is located in as accessible an area as possible for the driver as the farther they have to blow the pellets the more dust is generated.

ASSEMBLY NOTES

1. When tanks are to be located outdoors to prevent the ingress of moisture Sealant should be applied to all joint faces on assembly and on completion of assembly before the roof panels are installed apply a bead of sealant to all the joints from the inside of the tank. Apply sealant to roof panel joint faces on assembly. Sealant is supplied with the tank kit.
2. When tanks are installed indoors to prevent dust escaping and before the roof panels are installed apply a bead of sealant to all joints from the inside of the tank. Apply sealant to roof panel joint faces on assembly. Sealant is supplied with the tank kit.
3. When installing tanks where you have limited height and you cannot gain entry & exit from the top of the tank, the loading panel (see stage 9) can be left as the final panel to be assembled, allowing access to the inside of the tank through this point.
4. **AS A SAFETY PRECAUTION TO PREVENT CUTS PLEASE WEAR SUITABLE GLOVES WHEN HANDLING AND ASSEMBLING PANELS.**

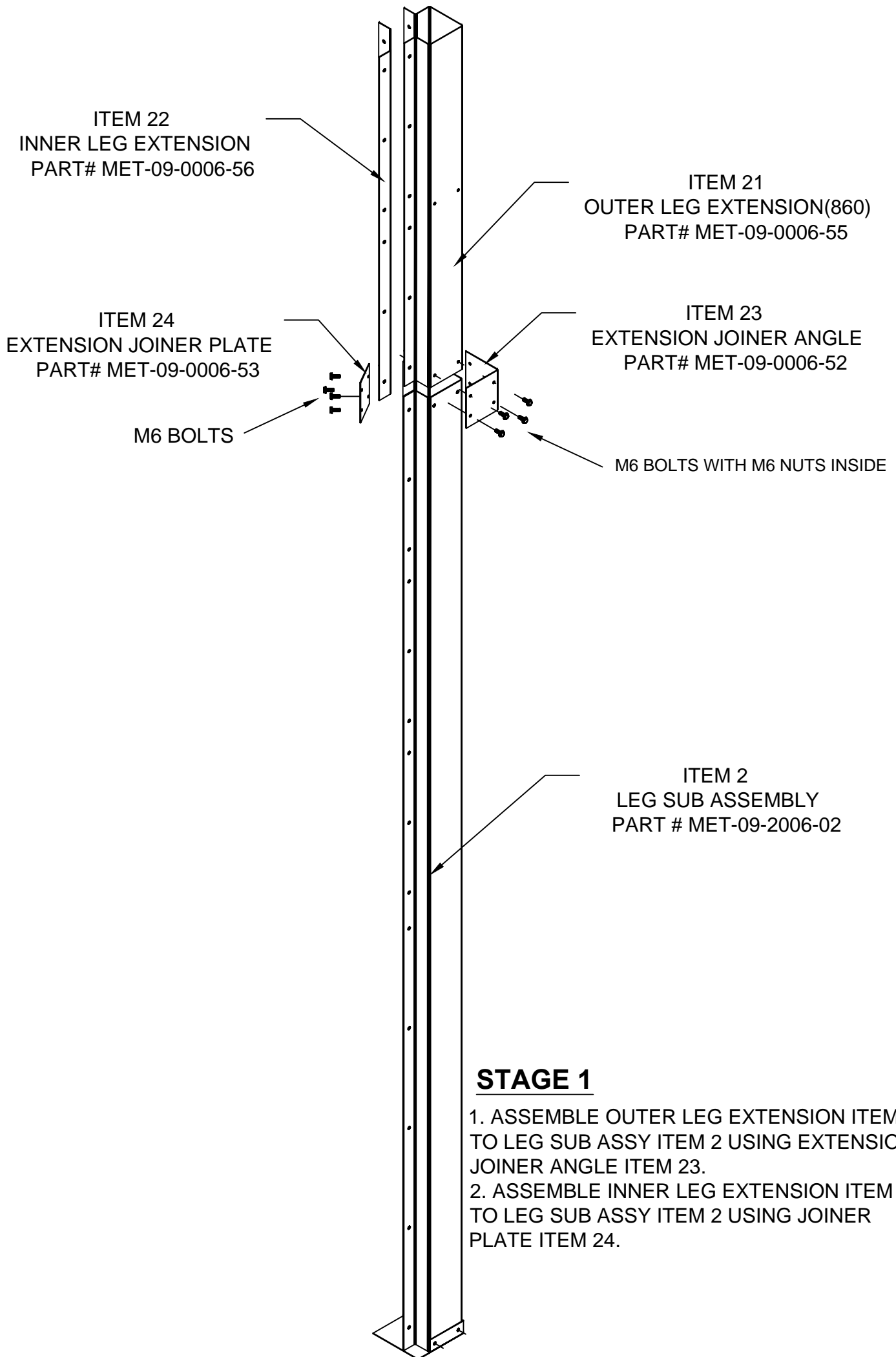


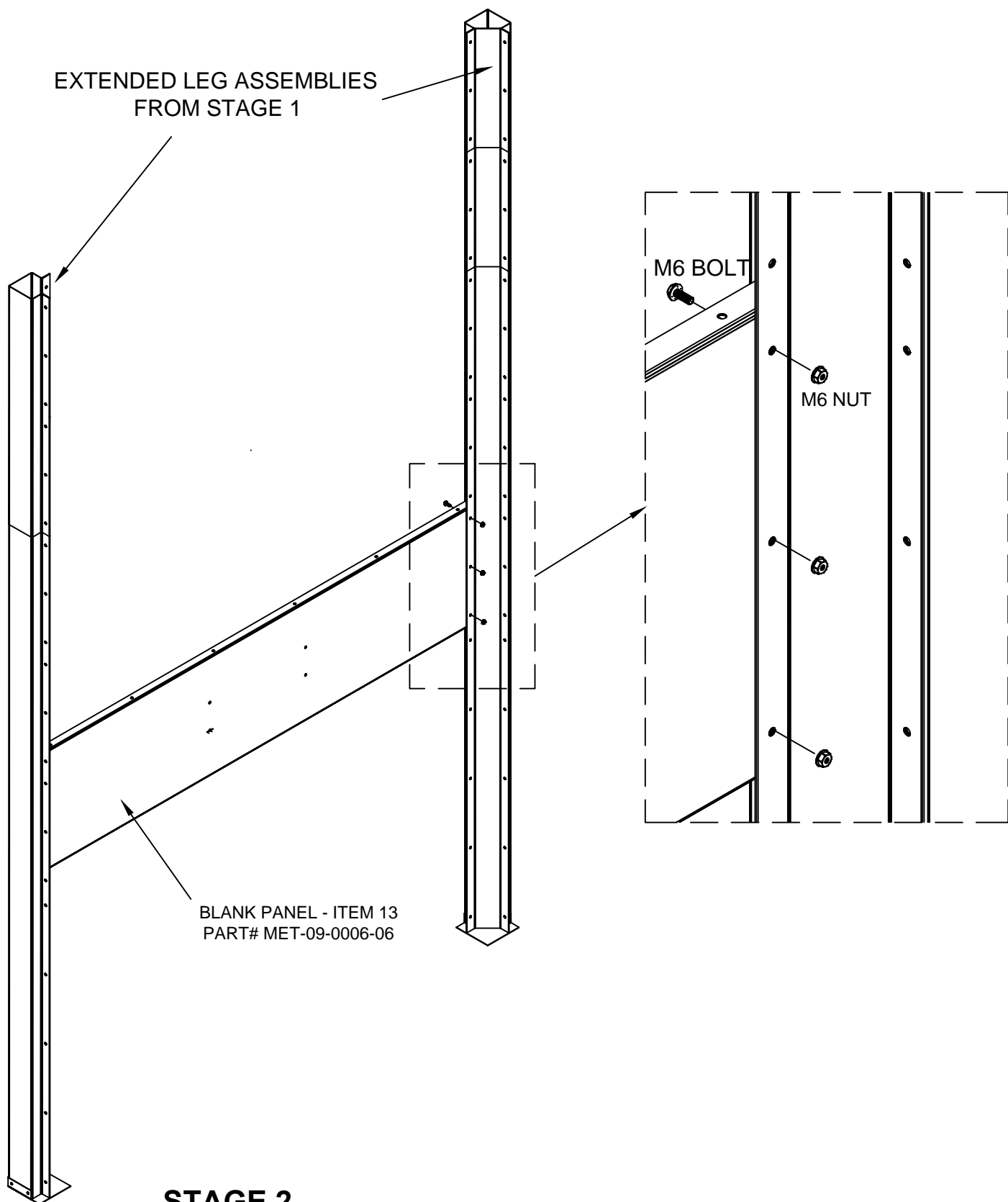
EXPLODED ASSEMBLY
5 TONNE PELLET TANK

PARTS LIST - FOR 5 TONNE MODELS EXPLODED DWG No. MET-09-1006-04

PART # MET-09-1006-04

ITEM	DESCRIPTION	PART/DWG NUMBER	QTY	REMARKS
1	ROOF PANEL - DEFLECTOR SUB-ASSY	MET-09-2006-09	1	
2	LEG SUB-ASSEMBLY	MET-09-2006-02	4	
3	LOADNG PANEL SUB-ASSEMBLY	MET-09-2006-07	1	
4	INSPECTION PANEL SUB-ASSEMBLY	MET-09-2006-03	1	
5	SLOPED FEED PANEL SUB-ASSY	MET-09-2006-04	1	
6	FEED BOX SUB-ASSY	MET-09-2006-05	1	
7	SLOPED FEED PANEL BLANKED SUB-ASSY	MET-09-2006-06	1	
8	RH & LH SLOPED PANEL	MET-09-0006-10	4	BEND PER RH (SEE DWG MET-09-0006-10A)
9	RH & LH SLOPED PANEL	MET-09-0006-10	2	BEND PER LH (SEE DWG MET-09-0006-10A)
10	SLOPED PANEL ANGLE	MET-09-0006-11	4	
11	ROOF BRACE	MET-09-0006-29	1	
12	TOP SIDE PANEL FOR ROOF BRACE	MET-09-0006-48	2	
13	BLANK PANEL 430 2.0 WIDE	MET-09-0006-06	8	
14	ROOF PANEL	MET-09-0006-12	1	
15	DIAGONAL BRACE	MET-09-0006-16	16	
16	M6 x 16 HEX BOLT		400	
17	M6 NUT		400	
18	PIPE DUCT RETAINING BRACKET- INNER	MET-09-0006-62	2	
19	PIPE CLAMP SUB ASSEMBLY	MET-09-2006-22	2	
20	FEED PIPE ASSEMBLY	MET-09-2006-17	2	
21	OUTER LEG EXTENSION (860)	MET-09-0006-55	4	
22	INNER LEG EXTENSION (860)	MET-09-0006-56	4	
23	EXTENSION JOINER ANGLE	MET-09-0006-52	4	
24	EXTENSION JOINER PLATE	MET-09-0006-53	4	
25	M8 X 16 BOLT (FEED PIPE ASSY)		8	

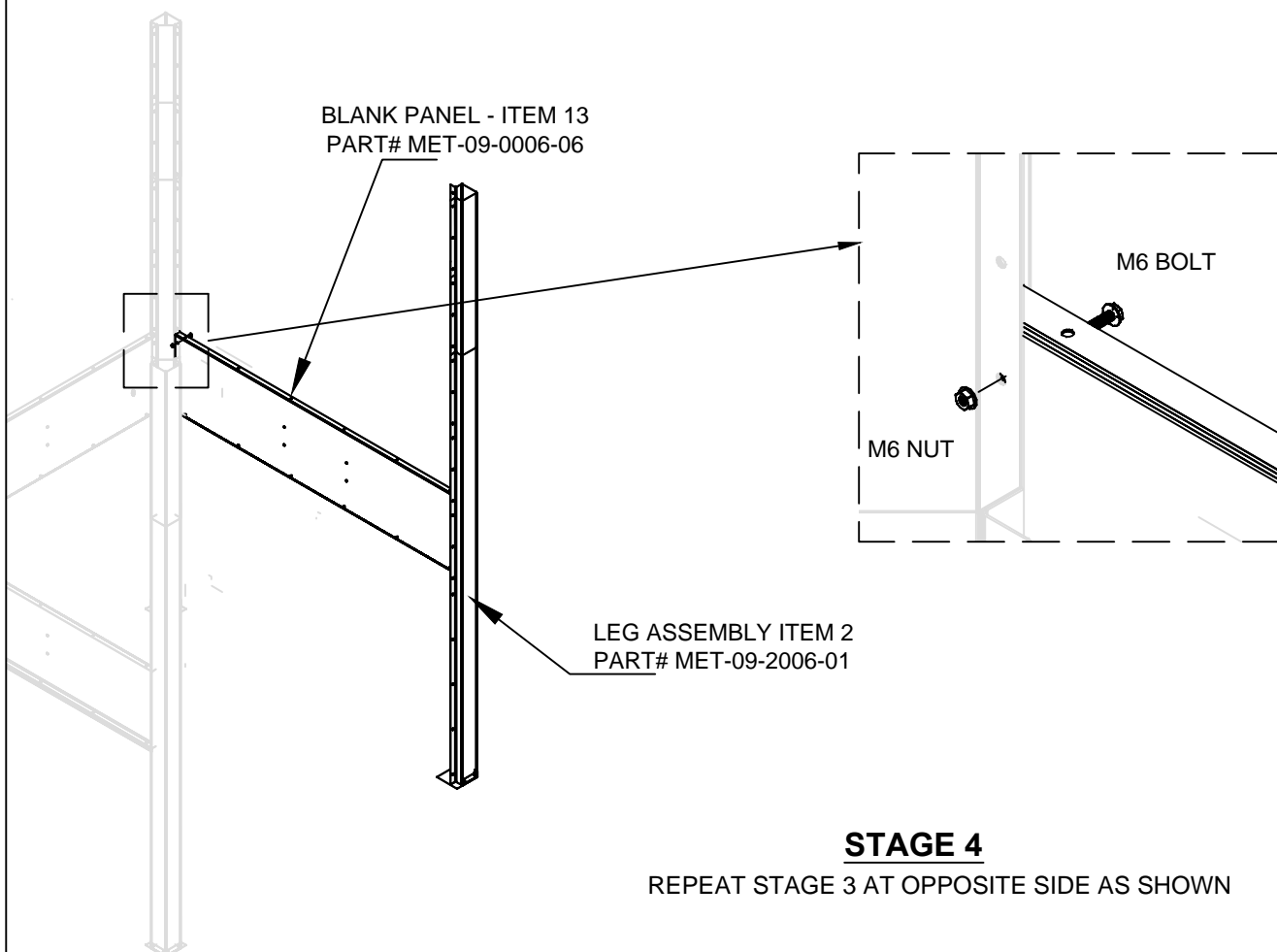
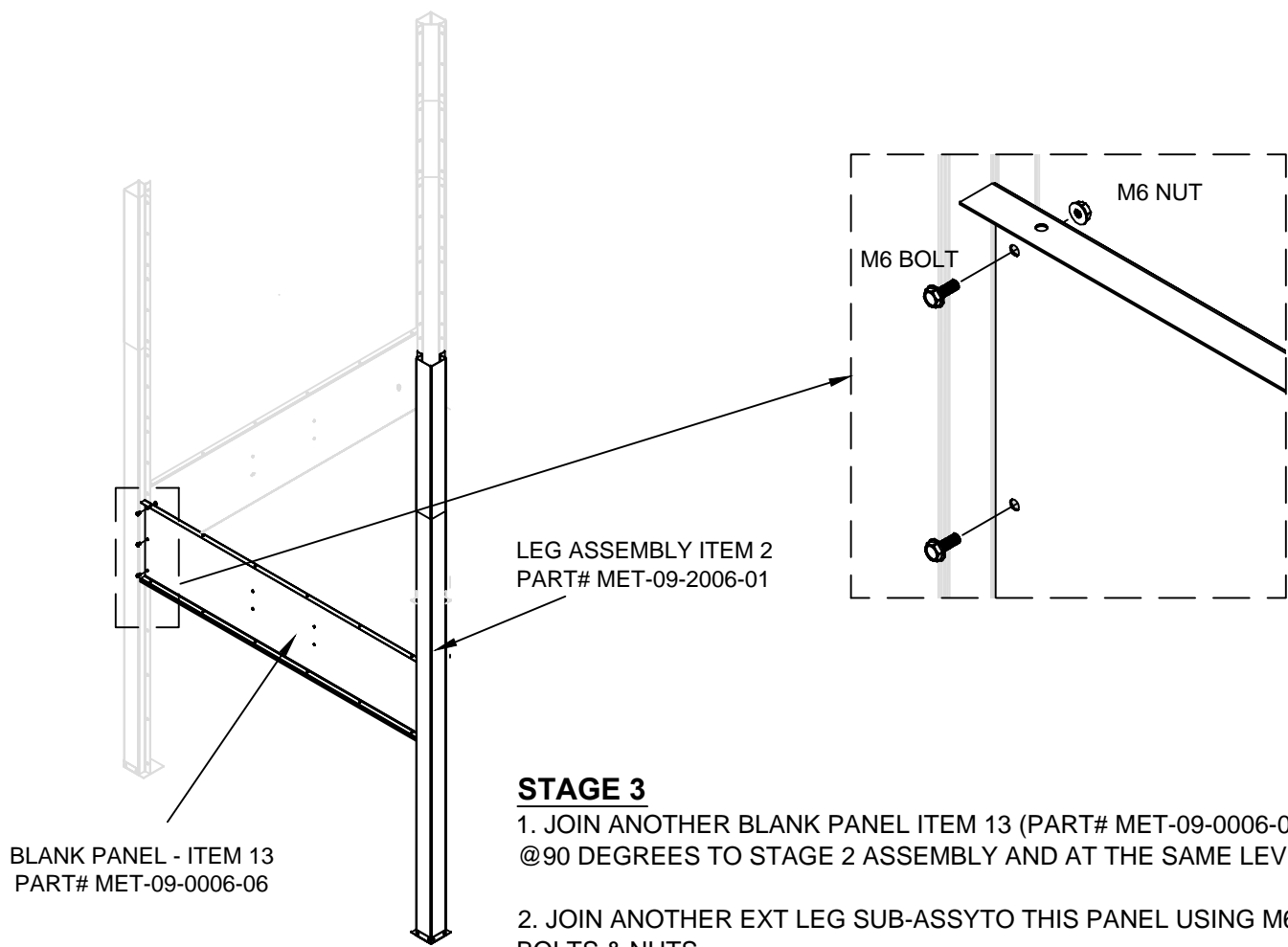


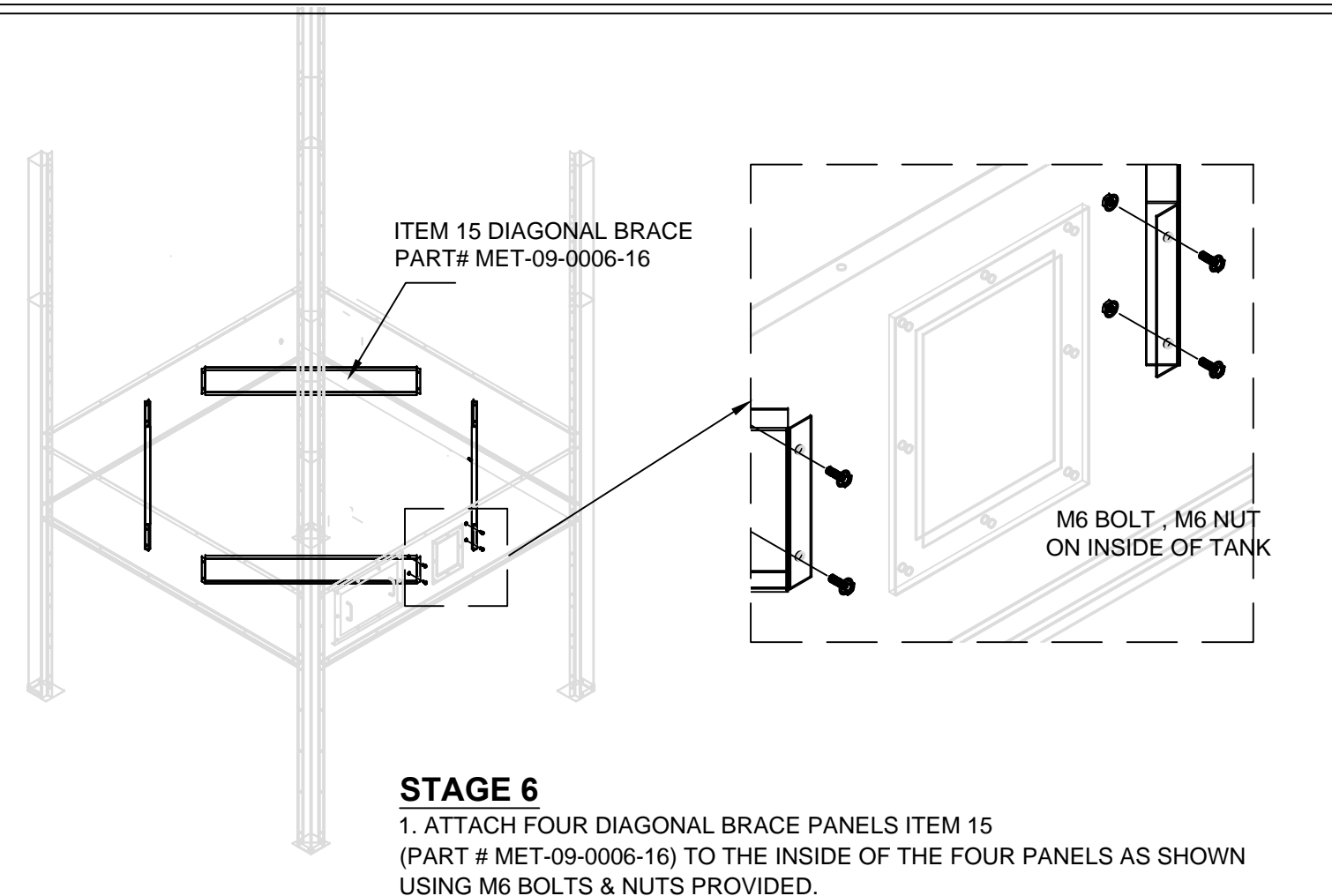
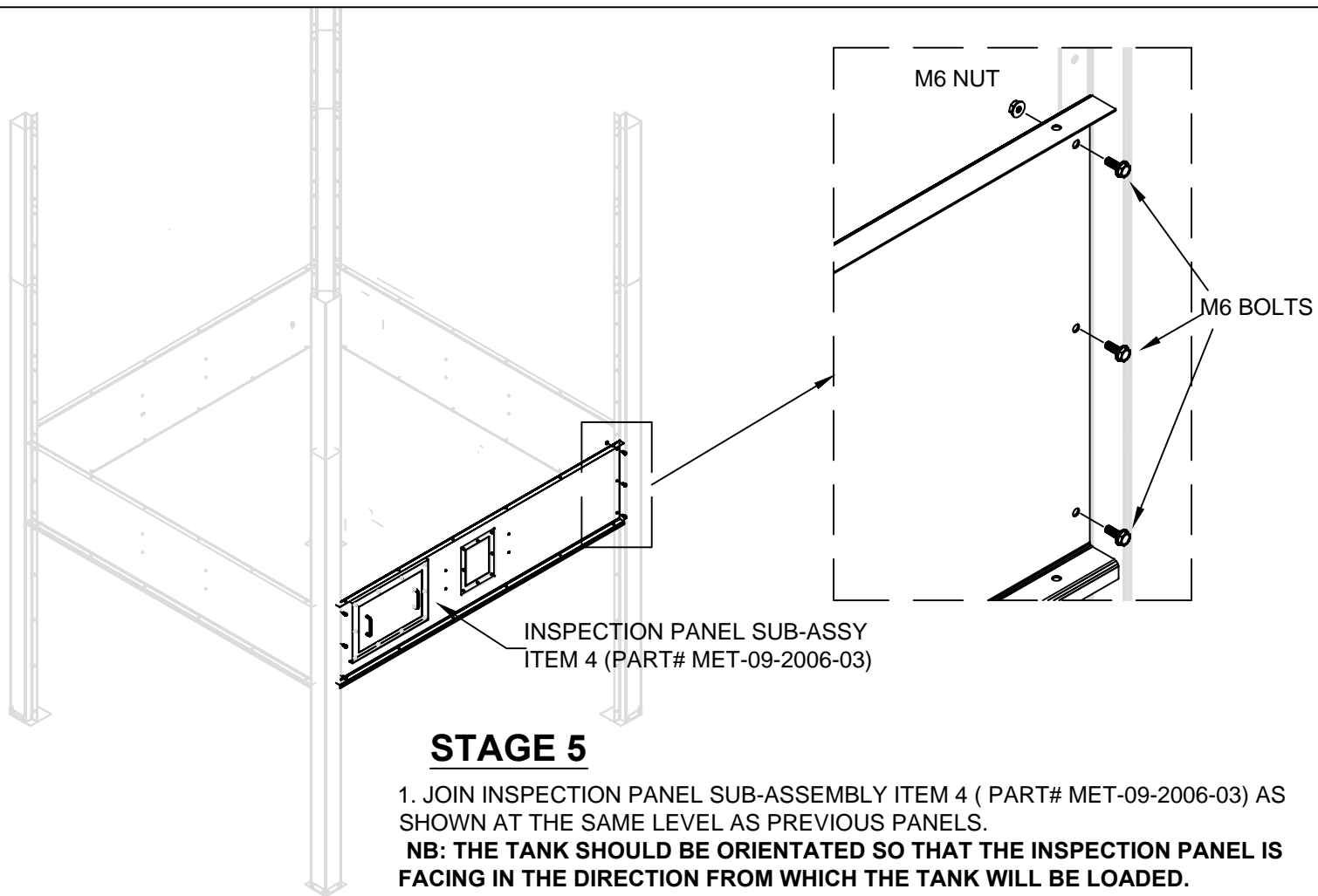


STAGE 2

NB: TWO PEOPLE REQUIRED TO ASSEMBLE TANK. **DO NOT** FULLY TIGHTEN BOLTS UNTIL STAGE 14.

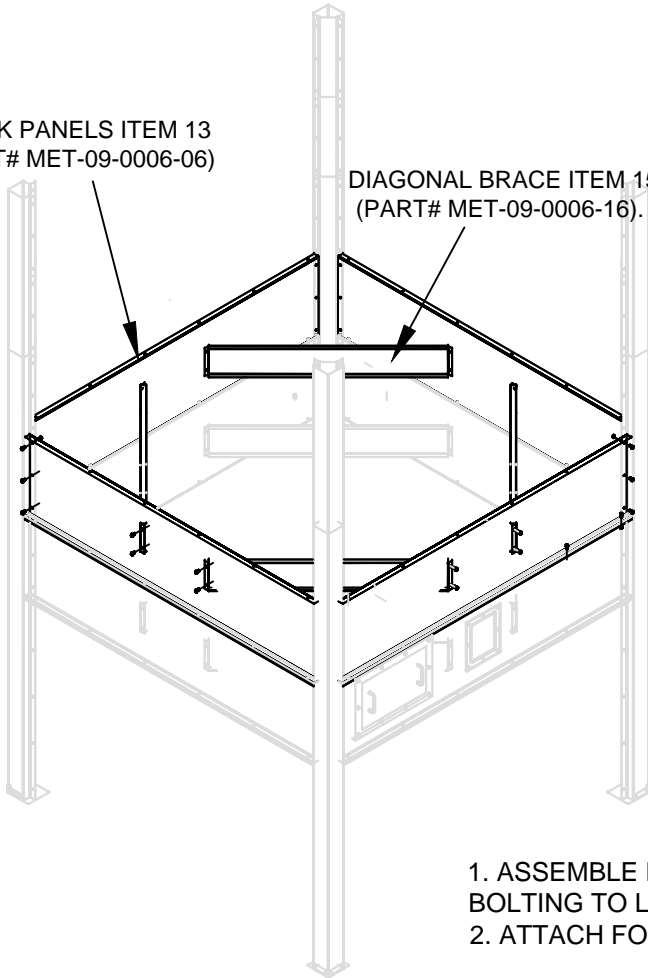
1. PLACE TWO EXTENDED LEG SUB- ASSEMBLIES AGAINST A VERTICAL WALL or SURFACE.
2. JOIN THESE TWO LEG ASSEMBLIES USING A BLANK PANEL ITEM 13 (PART# MET-09-0006-06) USING THE LOWEST SET OF THREE CLEAR HOLES IN THE LEG ASSEMBLIES, USING THE M6 BOLTS AND NUTS PROVIDED.





BLANK PANELS ITEM 13
(PART# MET-09-0006-06)

DIAGONAL BRACE ITEM 15
(PART# MET-09-0006-16).

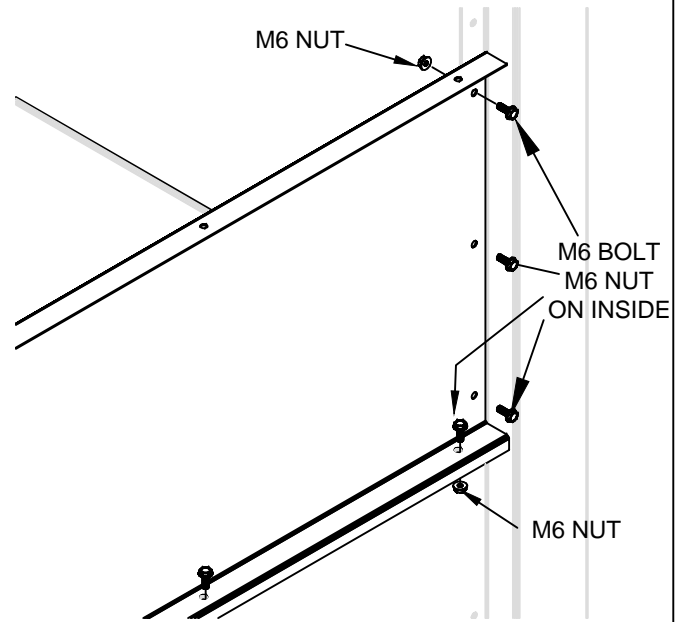


M6 NUT

M6 NUT

M6 BOLT
M6 NUT
ON INSIDE

M6 NUT

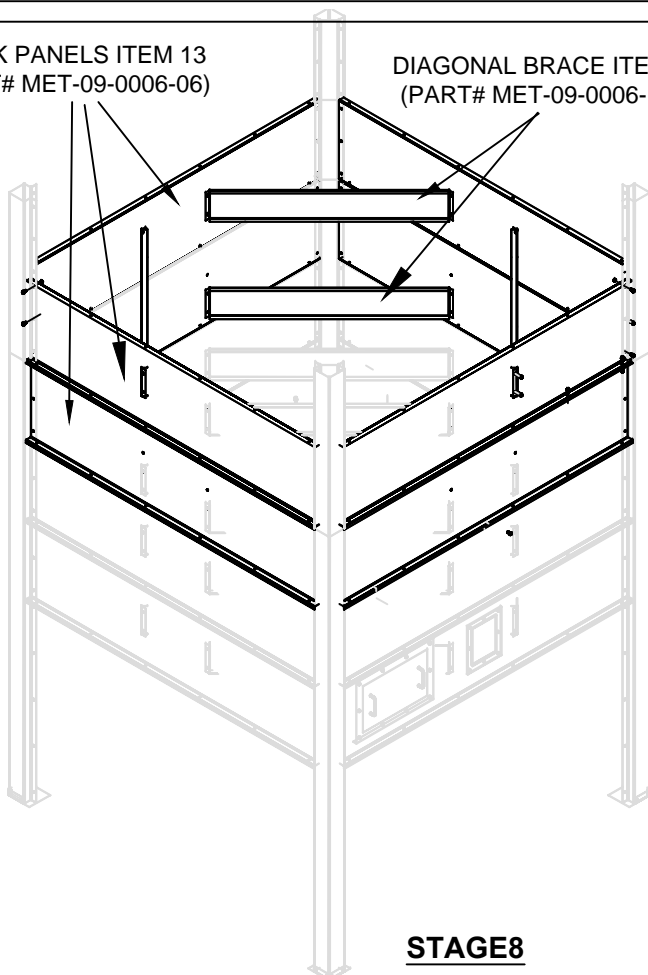


STAGE7

1. ASSEMBLE FOUR BLANK PANELS ITEM 13 (PART# MET-09-0006-06) BOLTING TO LEGS AND AND PREVIOUS PANELS AS SHOWN.
2. ATTACH FOUR DIAGONAL BRACES ITEM 15 (PART# MET-09-0006-16).

BLANK PANELS ITEM 13
(PART# MET-09-0006-06)

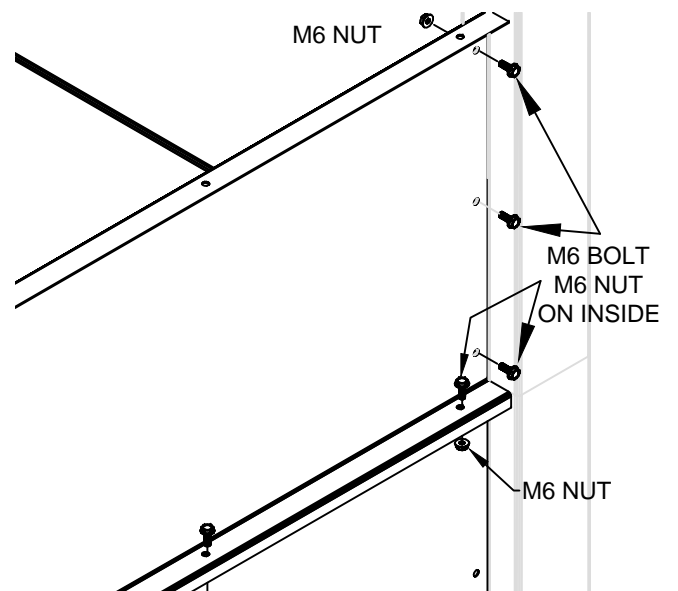
DIAGONAL BRACE ITEM 15
(PART# MET-09-0006-16).



M6 NUT

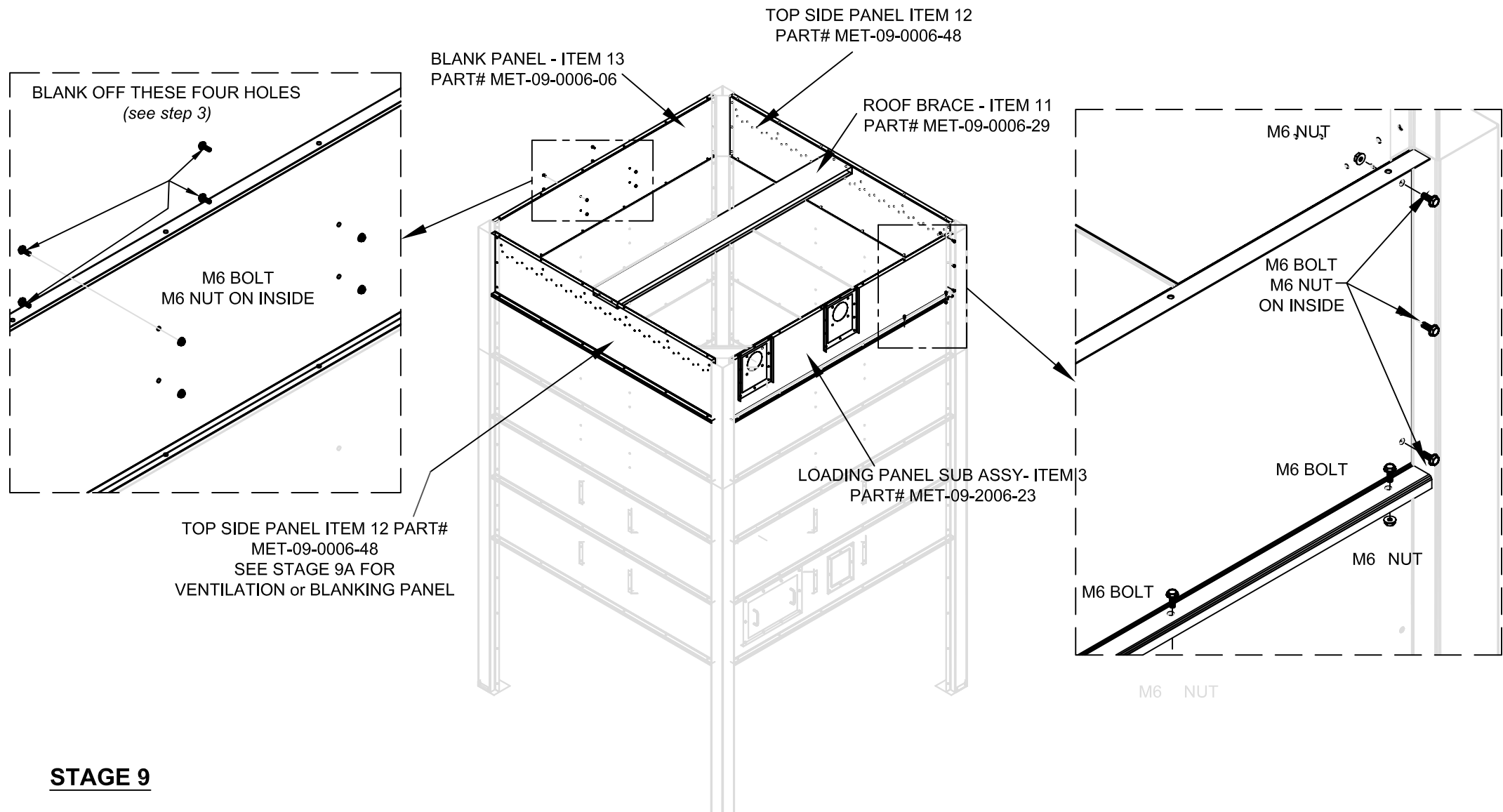
M6 BOLT
M6 NUT
ON INSIDE

M6 NUT



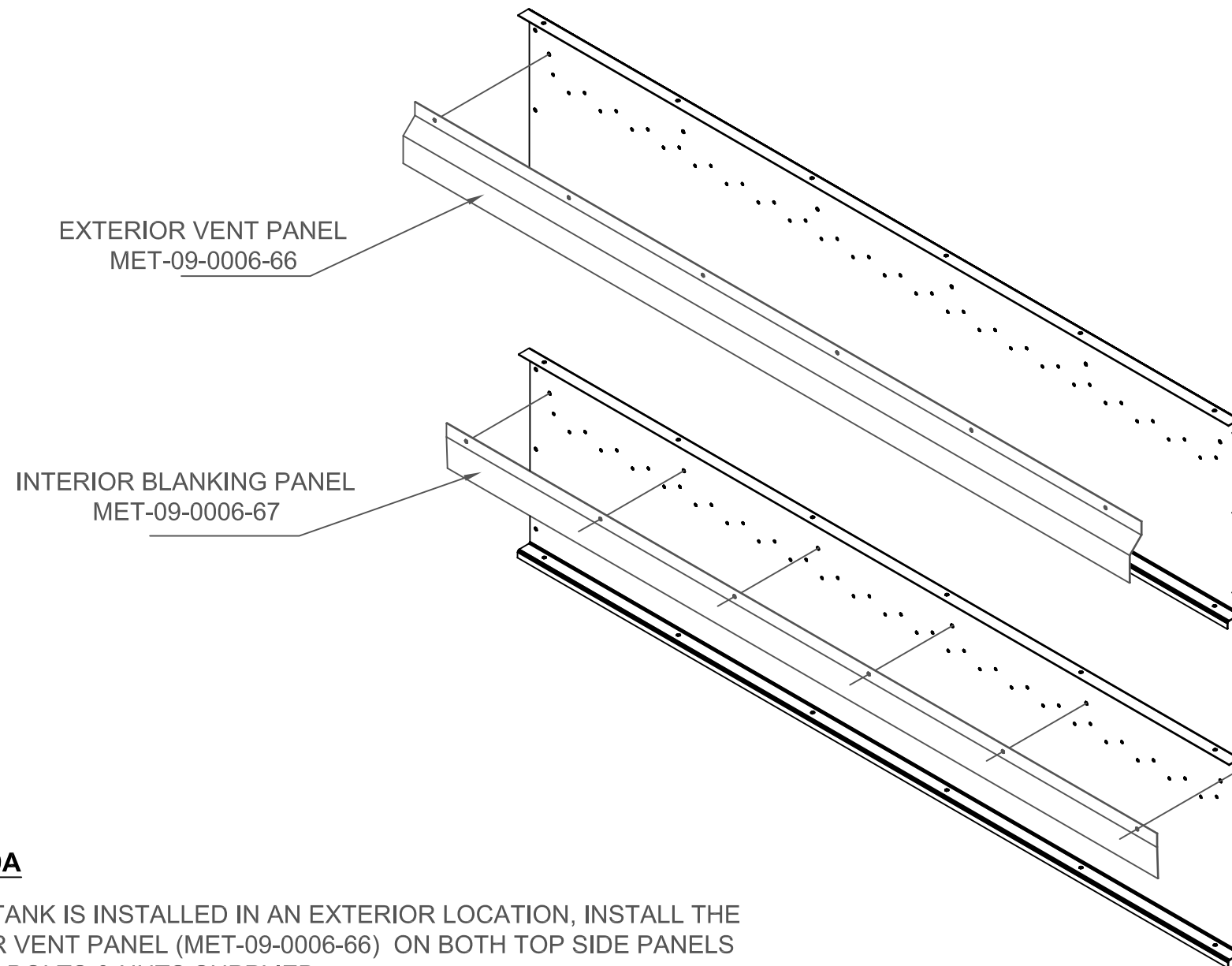
STAGE8

1. ASSEMBLE TWO MORE ROWS OF BLANK PANELS ITEM 13 (PART# MET-09-0006-06) BOLTING TO LEGS AND AND PREVIOUS PANELS AS SHOWN.
2. ATTACH TWO MORE ROWS OF DIAGONAL BRACES ITEM 15 (PART# MET-09-0006-16).



STAGE 9

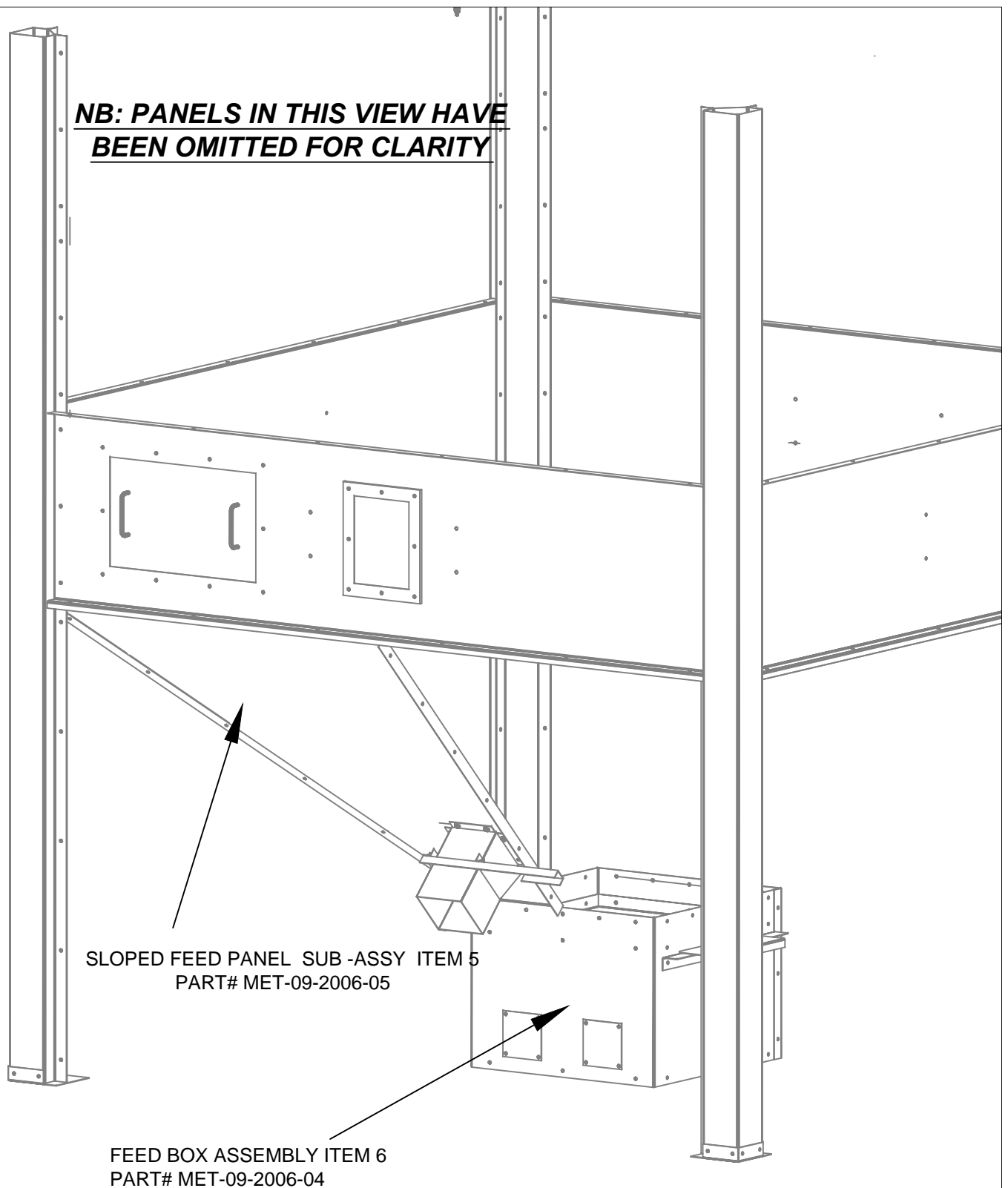
1. ASSEMBLE LOADING PANEL ITEM 3 (PART# MET-09-2006-23) AT THE SAME SIDE AS THE INSPECTION PANEL AS SHOWN.
2. ASSEMBLE THE TOP SIDE PANELS FOR THE ROOF SUPPORT ITEMS 12 (PART# MET-09-0006-48) AT BOTH SIDES AS SHOWN.
3. ASSEMBLE BLANK PANEL 430 ITEM 13 AT THE REAR ON THE UNIT AS SHOWN. NB: THE FOUR HOLES IN THIS PANEL (SEE DIAGRAM) ARE TO BE BLANKED OFF USING BOLTS & NUTS AS THERE ARE NO DIAGONAL BRACES ON THE TOP ROW OF PANELS.
4. ASSEMBLE ROOF BRACE ITEM 11 (PART# MET-09-0006-29) BETWEEN TOP SIDE PANELS AS SHOWN.



STAGE 9A

1. WHEN TANK IS INSTALLED IN AN EXTERIOR LOCATION, INSTALL THE EXTERIOR VENT PANEL (MET-09-0006-66) ON BOTH TOP SIDE PANELS USING M6 BOLTS & NUTS SUPPLIED.
2. WHEN TANK IS INSTALLED IN AN INTERIOR LOCATION, INSTALL INTERIOR BLANKING PANEL (MET-09-0006-67) ON BOTH TOP SIDE PANELS USING M6 BOLTS & NUTS SUPPLIED.

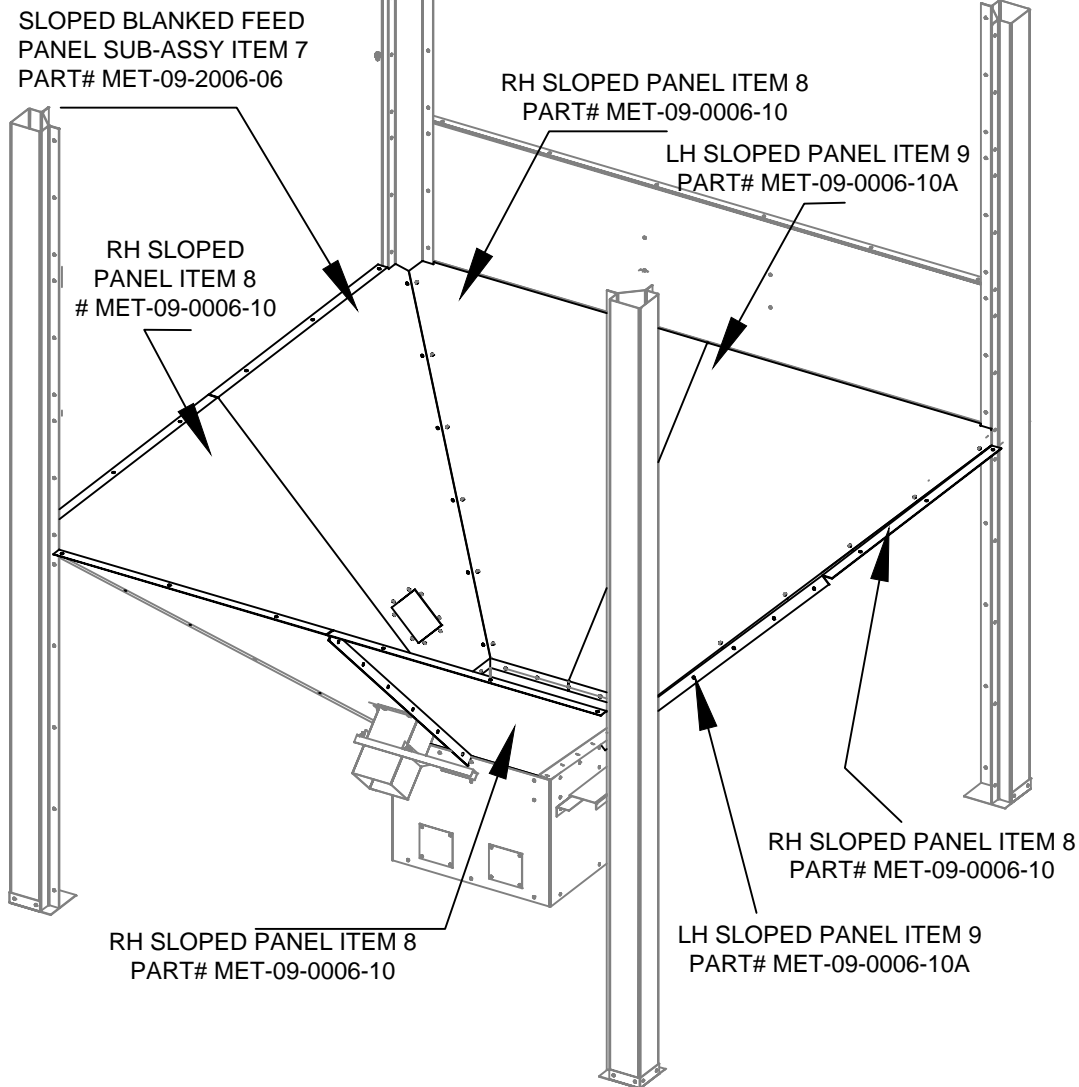
**NB: PANELS IN THIS VIEW HAVE
BEEN OMITTED FOR CLARITY**



STAGE 10

1. PLACE THE FEED BOX ASSEMBLY ITEM 6 (PART# MET-09-2006-05) ON THE GROUND IN THE CENTER OF THE UNIT WITH THE RUBBER PANEL FACING TOWARDS THE DIRECTION OF YOUR BOILER.
2. THE SLOPING PANELS CAN NOW BE INSTALLED BEGIN WITH THE SLOPED FEED PANEL SUB-ASSEMBLY ITEM 5 (PART# MET-09-2006-05) . PLACE IT IN THE DESIRED DIRECTION, OVER THE TOP LIP OF THE FEED BOX AND UP UNDER THE BOTTOM LIP OF THE SIDE PANEL AND BOLT IT IN PLACE

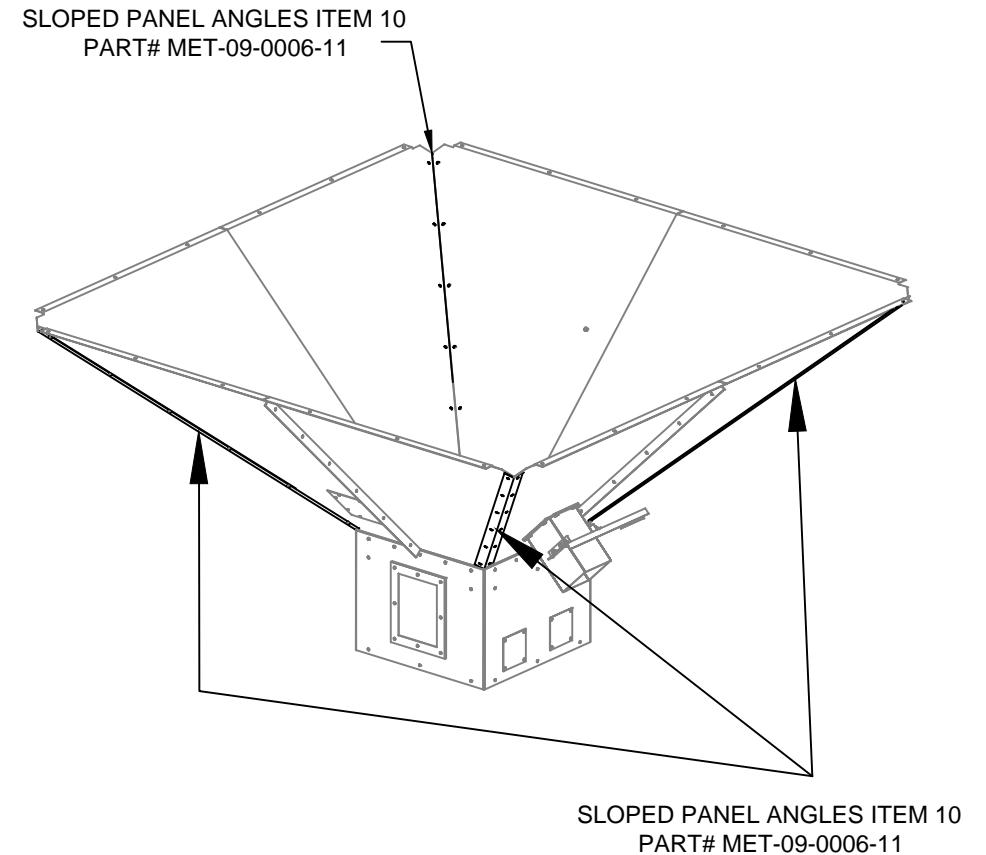
NB: PANELS IN THIS VIEW HAVE BEEN OMITTED FOR CLARITY



STAGE 11

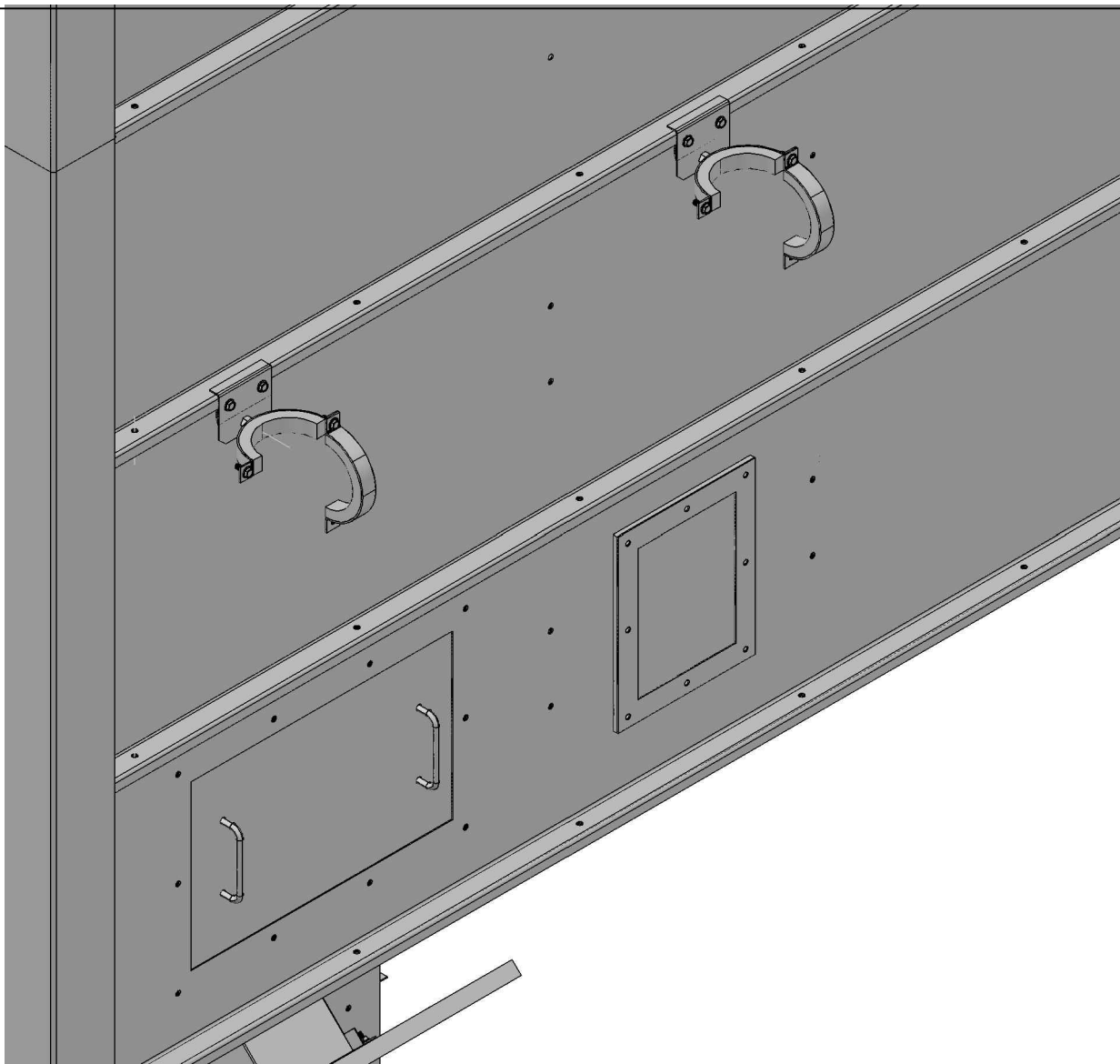
1. CONTINUE FITTING THE SLOPED PANELS ITEMS 8, 9 & 7 (PART#'s MET-09-0006-10, -10A & -7 RESPECTIVELY) AROUND THE UNIT. [NB: SLOPED PANEL ITEM 7 HAS A BLANKED OFF FEED OUTLET SO THIS CAN BE POSITIONED AT THE SIDE YOU MIGHT WANT AN ADDITIONAL OR OPTIONAL POSITION FOR THE MANUAL FEED OUTLET].

NB: PANELS IN THIS VIEW HAVE BEEN OMITTED FOR CLARITY

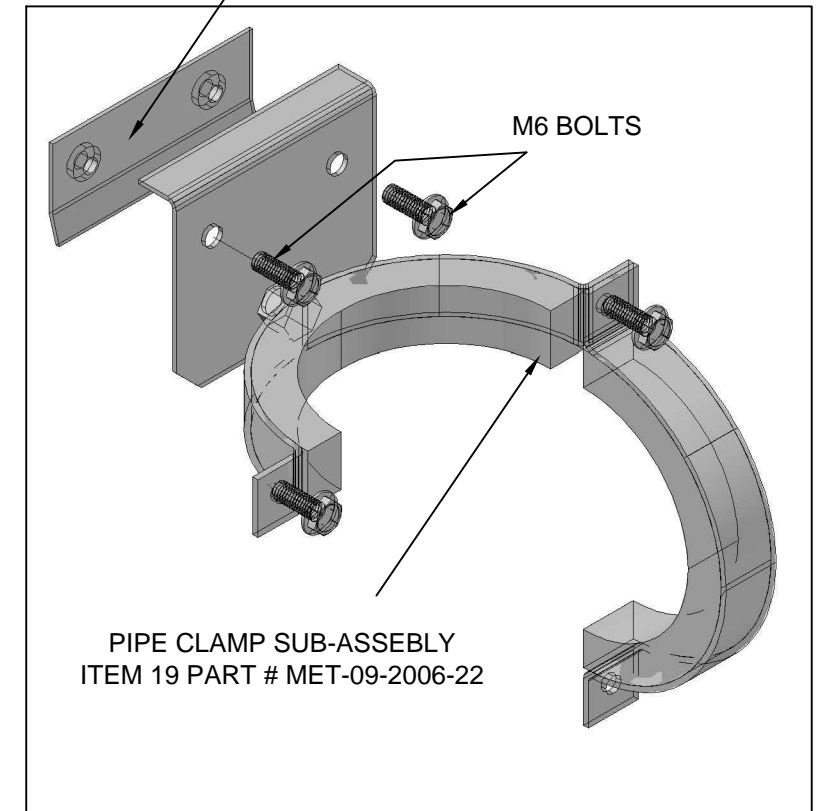


STAGE 12

1. JOIN ALL THE SLOPED PANELS AT THE CORNERS USING THE SLOPED PANEL ANGLES ITEM 10 (PART# MET-09-0006-11) 4 OFF, FITTED ON THE OUTSIDE OF THE UNIT.

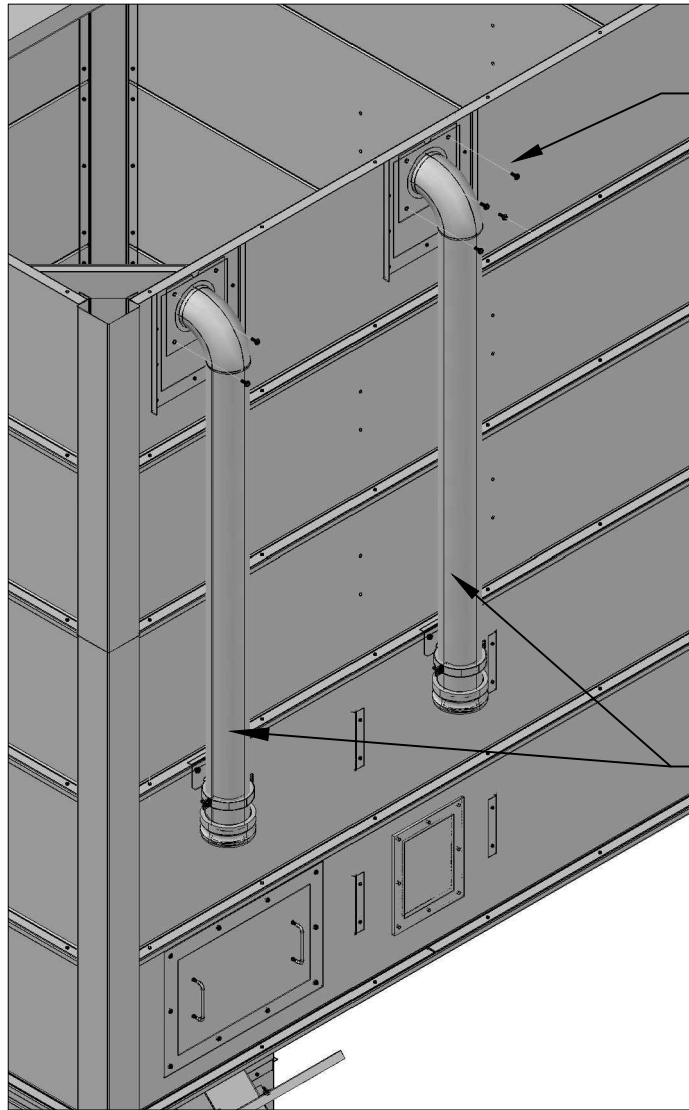


DUCT RETAINING BRACKET- INNER
ITEM 18 PART # MET-09-0006-62



STAGE 13

1. ASSEMBLE PIPE CLAMPS TO THE LIP OF PANELS AS SHOWN, POSITION APPROX. IN LINE WITH THE FEED PIPE LOCATIONS ON TOP PANEL BUT DO NOT FULLY TIGHTEN AT THIS STAGE. NB: THE CLAMPS ARE FINALLY POSITIONED AND TIGHTENED AT STAGE 14



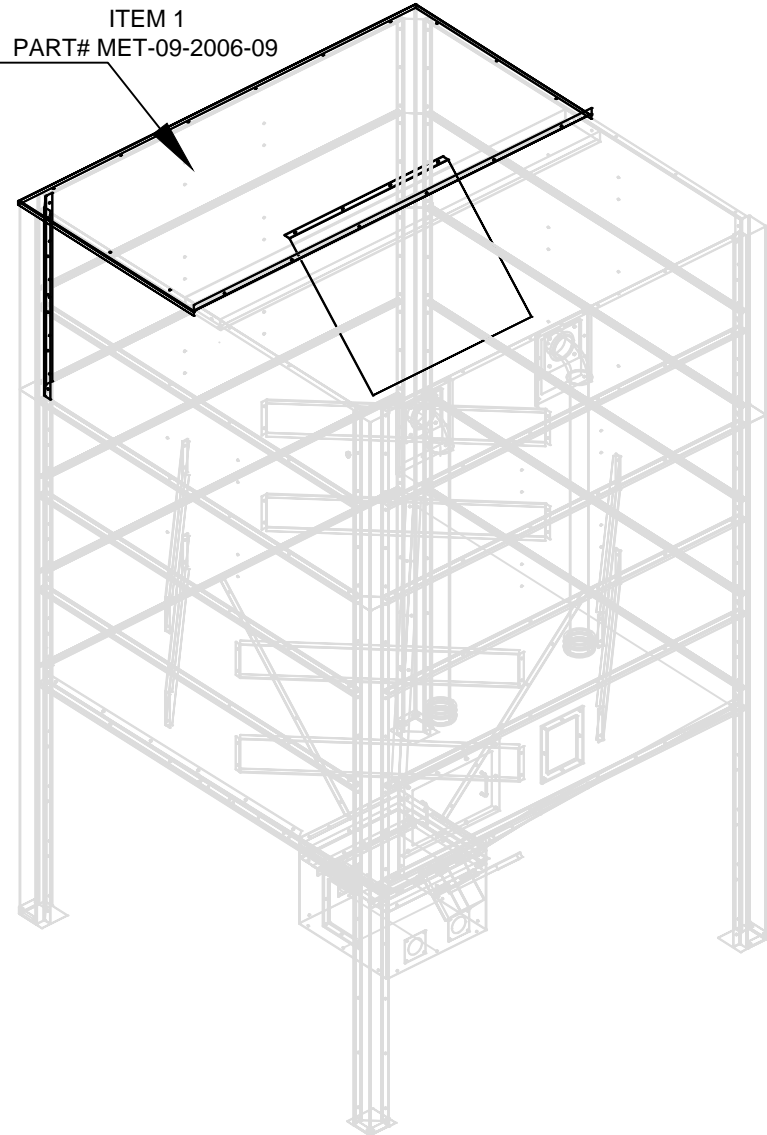
**M8 BOLTS & NUTS
(4 Plcs per Pipe)**

**FEED PIPE ASSEMBLY
ITEM # 20
PART# MET-09-2006-17**

STAGE 14

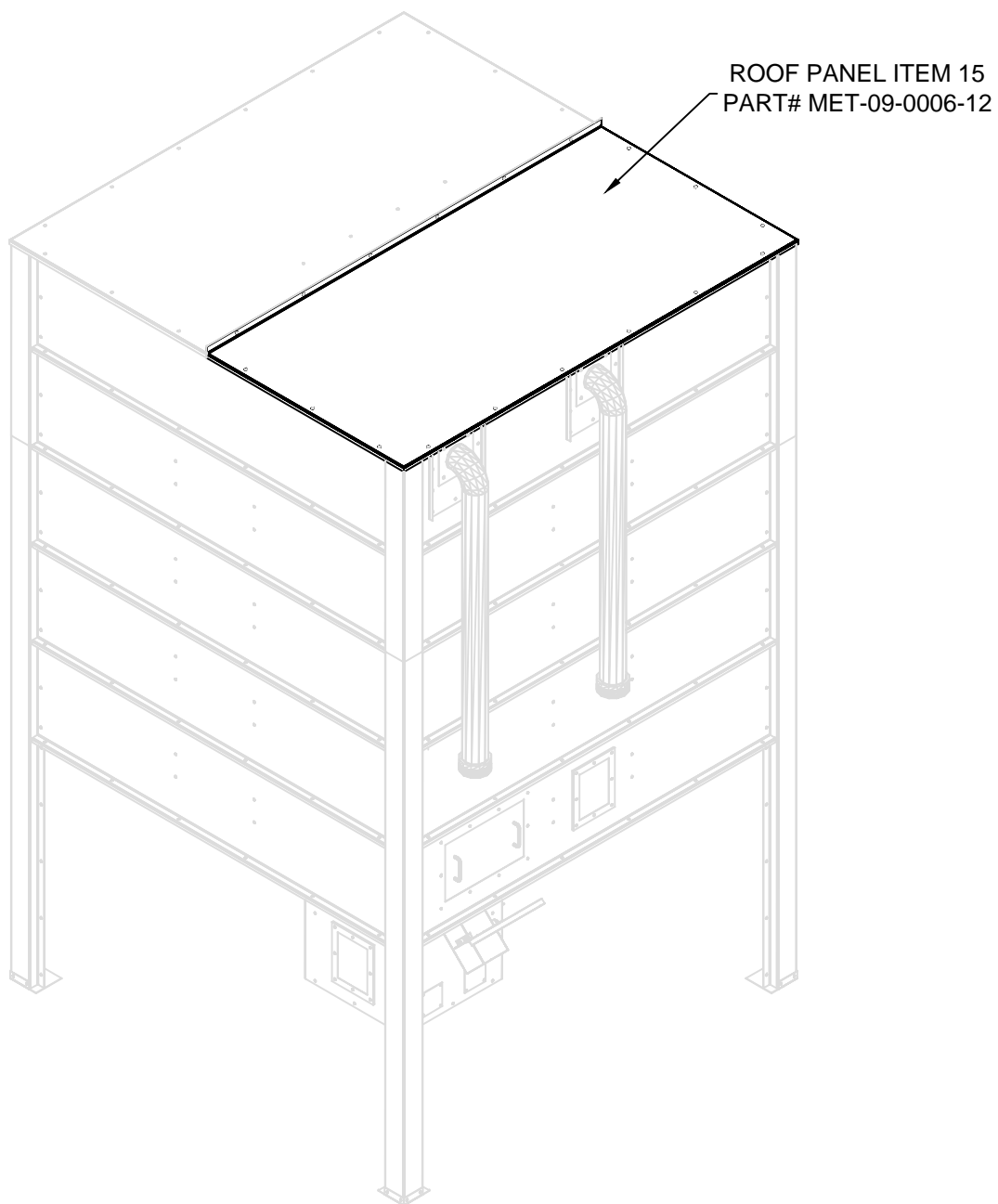
1. ASSEMBLE THE FEED PIPE ASSEMBLIES ITEM 20 AS SHOWN.
2. ALIGN THE PIPE CLAMPS TO THE PIPES & TIGHTEN FASTENERS
3. FULLY TORQUE ALL INSTALLED FASTENERS.
4. APPLY SEALANT TO TANK (See Assy Notes)

**ROOF PANEL DEFLECTOR SUB-ASSY
ITEM 1
PART# MET-09-2006-09**



STAGE 15

1. NOW FIT THE ROOF PANEL DEFLECTOR SUB-ASSY ITEM 1 (PART# MET-09-2006-09) AT THE OPPOSITE SIDE FROM THE LOADING PANEL AS SHOWN ABOVE. THIS IS PANEL FITTED WITH SHEET RUBBER DEFLECTOR. DO NOT FULLY TIGHTEN ROOF PANEL FASTENERS AT THIS STAGE.



STAGE 16

1. FINALLY FIT ROOF PANEL ITEM 15 PART# MET-09-0006-12 AND TIGHTEN ALL THE ROOF BOLTS.

THE ASSEMBLY IS NOW COMPLETE

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