

STORM⚡TOP

MODEL ST-8300-EVO

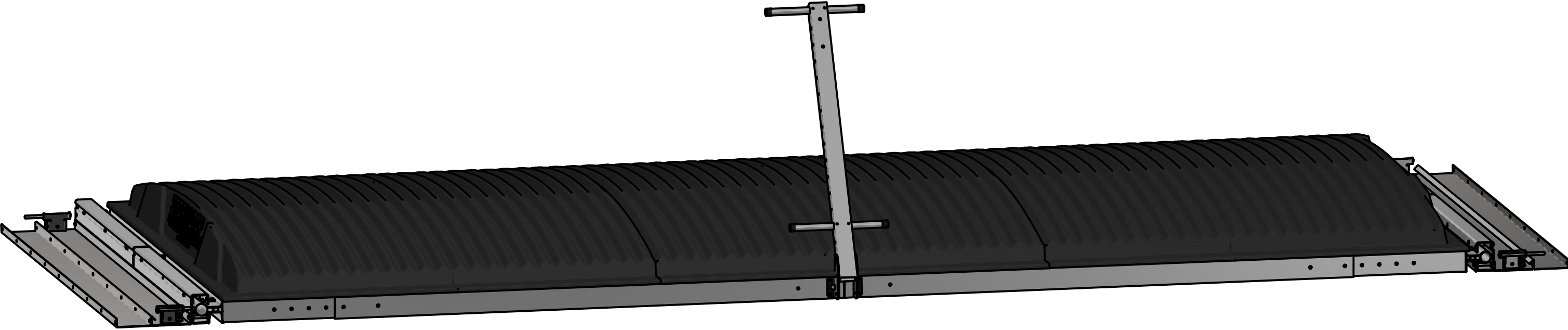
EVO Storm-Top Cover Assembly Instructions

Patent Protected

Visit www.rolloffcovers.com for details.

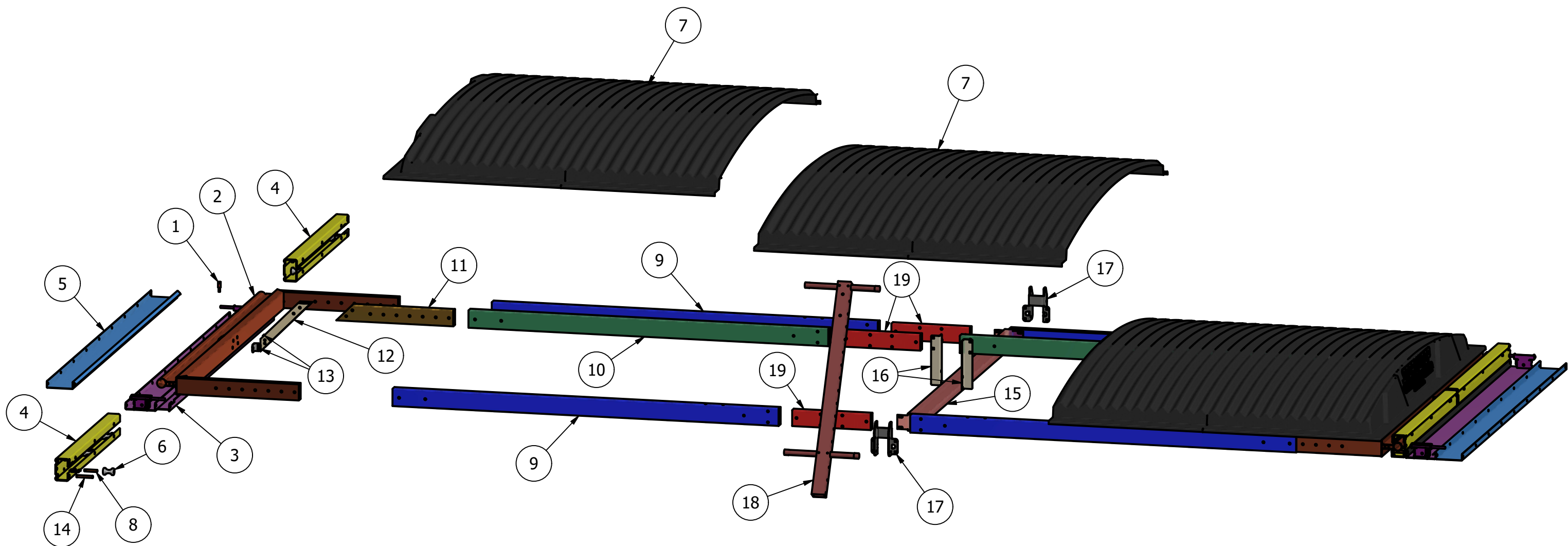


PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	8337	EXTENSION PANEL ASSEMBLY



**PN: 8300,
COMPLETE COVER
ASSEMBLY**

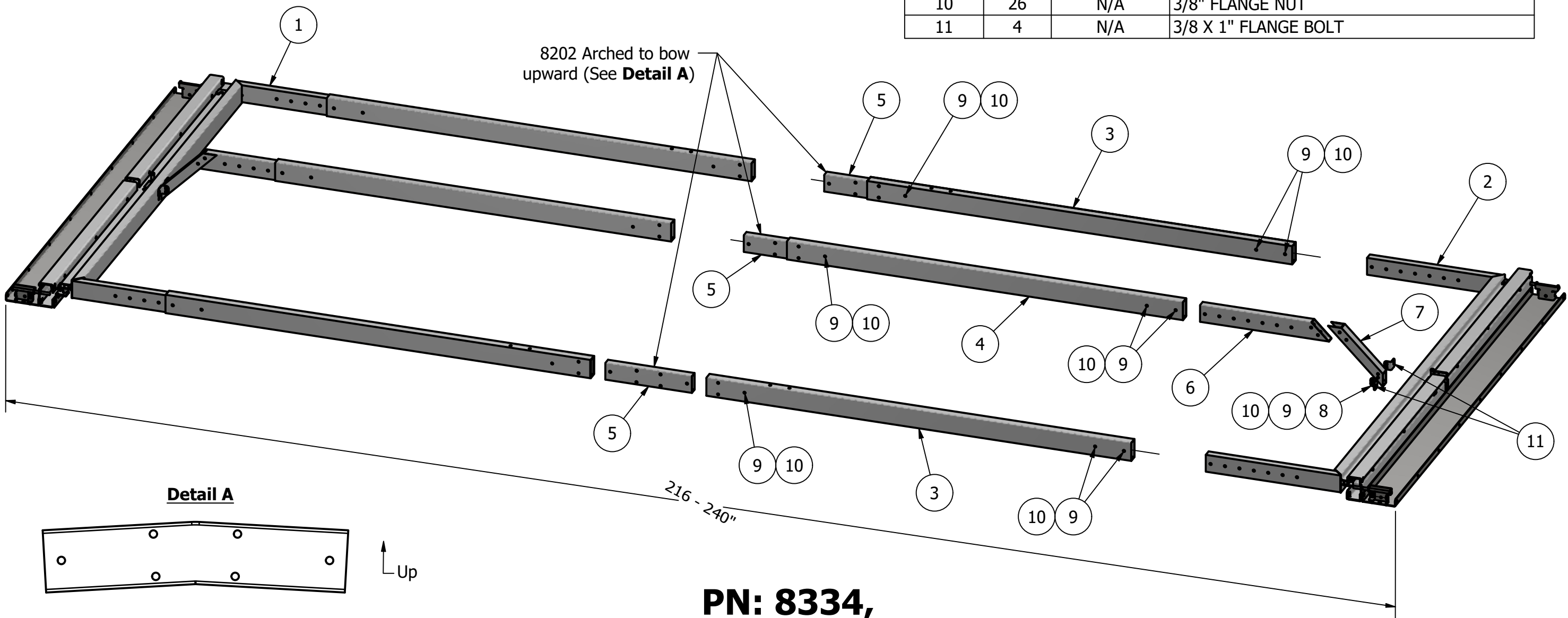
PARTS LIST				PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	4	8338	Stop Bolt Assembly	11	2	8305	Header End Tube
2	2	8339/8340	Frame End Weldment	12	2	8210	Header Support End
3	2	8318	Guide Channel/Lock Pin Weldment	13	4	8207	Angle Bracket
4	4	8323/8324	Roller Arm Weldment RH/LH	14	4	8312	Hinge Pin
5	A/R	8319	Extension Panel	15	1	8214	Center X-Tube
6	20	8309	Spool Roller	16	2	8211	Header Support Angle
7	3	8253/8254	Cover	17	2	8102	Handle Bracket
8	20	8311	Roller Pin	18	1	8230	Handle Assembly
9	4	8201	Center Tube	19	3	8202	Stub Center Tube
10	2	8307	Header Center Tube	20	4	8251	Angle Bracket



PARTS LIST
RETAIN FOR ORDERING REPLACEMENT PARTS

Measure the length of the top rail of the container on which the cover is to be installed. This cover is meant for containers with a minimum top rail length of 216" and is adjustable up to 240" in 3" increments. For containers longer than 240", assemble the frame at 240". Extension panels will be added to obtain the desired length (shown in a later step) .

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	8339	FRAME END/GUIDE CHANNEL ASSEMBLY, RH
2	1	8340	FRAME END/GUIDE CHANNEL ASSEMBLY, LH
3	4	8201	CENTER TUBE
4	2	8307	HEADER CENTER TUBE
5	3	8202	TUBE CONNECTOR, FORMED
6	2	8305	HEADER END TUBE
7	2	8210	HEADER SUPPORT, END
8	4	8207	ANGLE BRACKET
9	26	N/A	3/8 X 3" FLANGE BOLT
10	26	N/A	3/8" FLANGE NUT
11	4	N/A	3/8 X 1" FLANGE BOLT

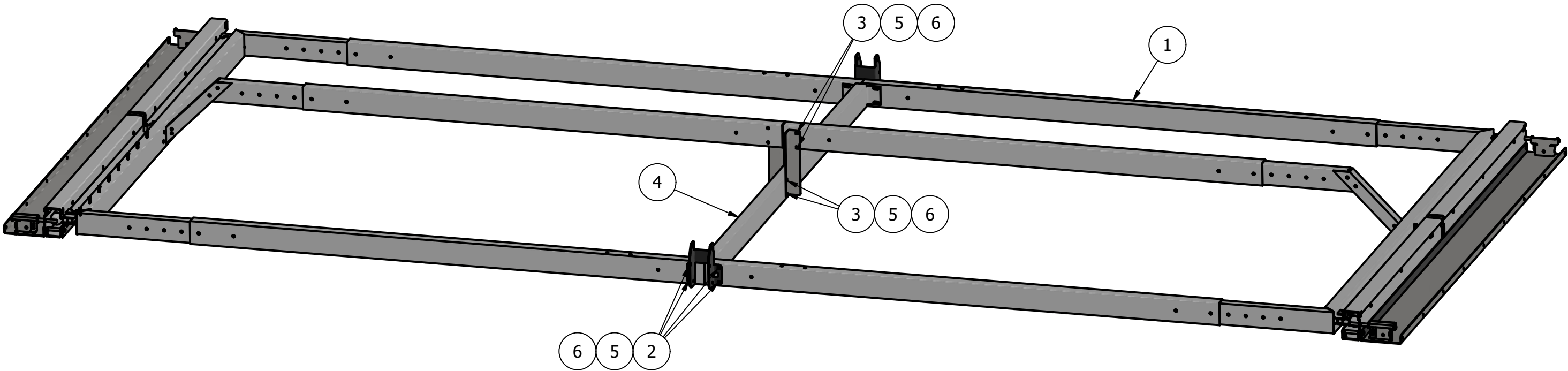


Part Number 8202,
Assemble with arch
facing upward

**PN: 8334,
FRAME PERIMETER
ASSEMBLY**

Assemble the Center X-Tube, Handle Brackets and Middle Header Supports.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	8334	FRAME PERIMETER ASSEMBLY
2	2	8102	HANDLE BRACKET
3	2	8211	MIDDLE HEADER SUPPORT
4	1	8214	CENTER X-TUBE
5	16	N/A	3/8 X 3" FLANGE BOLT
6	16	N/A	3/8" FLANGE NUT



**PN: 8320, COMPLETE
FRAME ASSEMBLY**

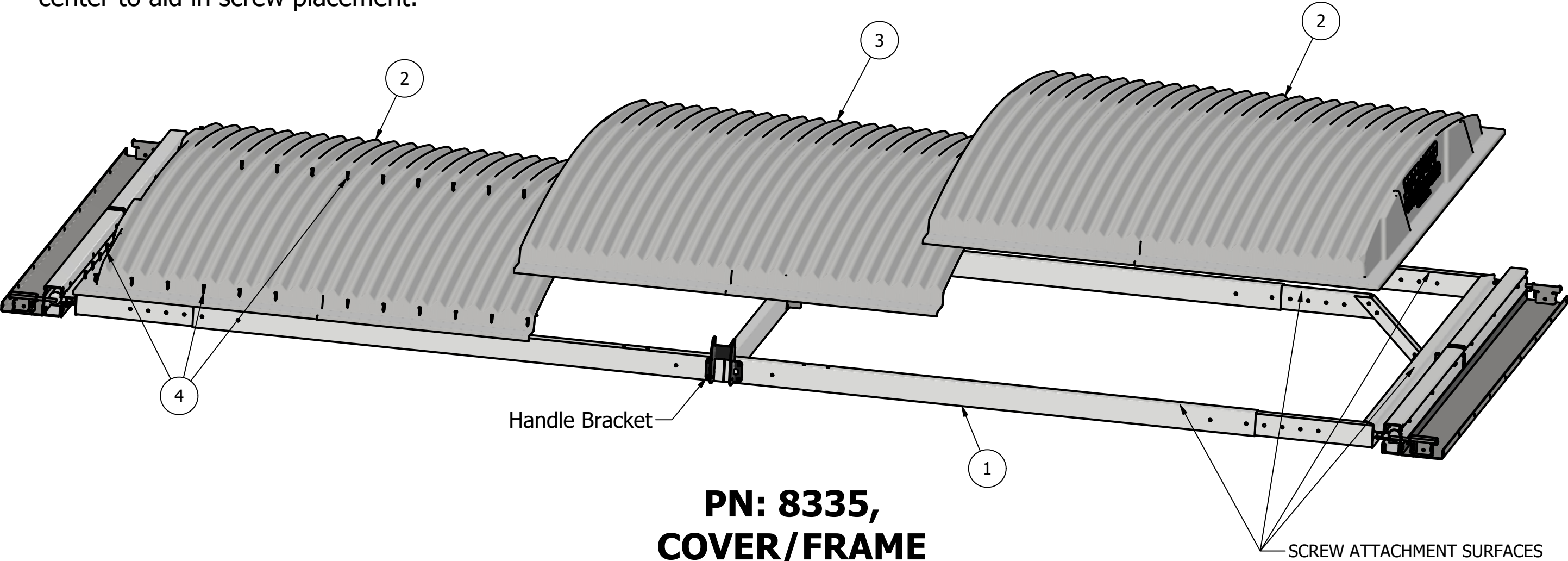
Position the Plastic Sections (8253/8254) upon the frame.
NOTE The wider end of each section will fit over top of the narrower end of the next piece. The center section has notches to fit around the Handle Brackets.

Space sections evenly end-to-end and also side-to-side with at least one corrugation overlapping.

Using the self-drilling screws provided, secure the sections to the top perimeter of the tube frame assembly. Space screws 6" apart. Add more where required.

Lastly, secure the plastic sections to the header assembly of the frame (6" screw spacing, every other corrugation). The plastic has location markings along the center to aid in screw placement.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	8320	COMPLETE FRAME ASSEMBLY
2	2	8253	COVER SECTION, END
3	1	8254	COVER SECTION, MID
4	A/R	N/A	SELF-DRILLING SCREWS

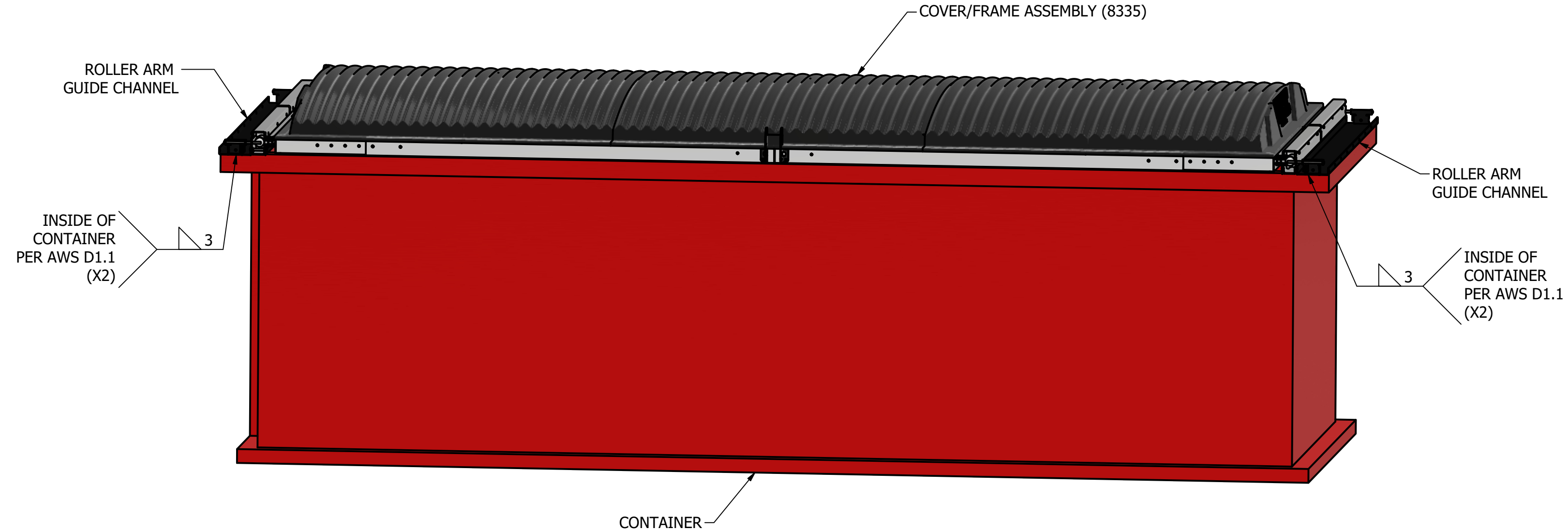


**PN: 8335,
COVER/FRAME
ASSEMBLY**

WELD COVER FRAME ASSEMBLY TO CONTAINER

Position the Cover/Frame Assembly (8335) upon the intended container. Center the Assembly side-to-side and end-to-end with the container. The ends of the Cover/Frame Assembly must be parallel with the ends of the container, especially important if the container is tapered in width.

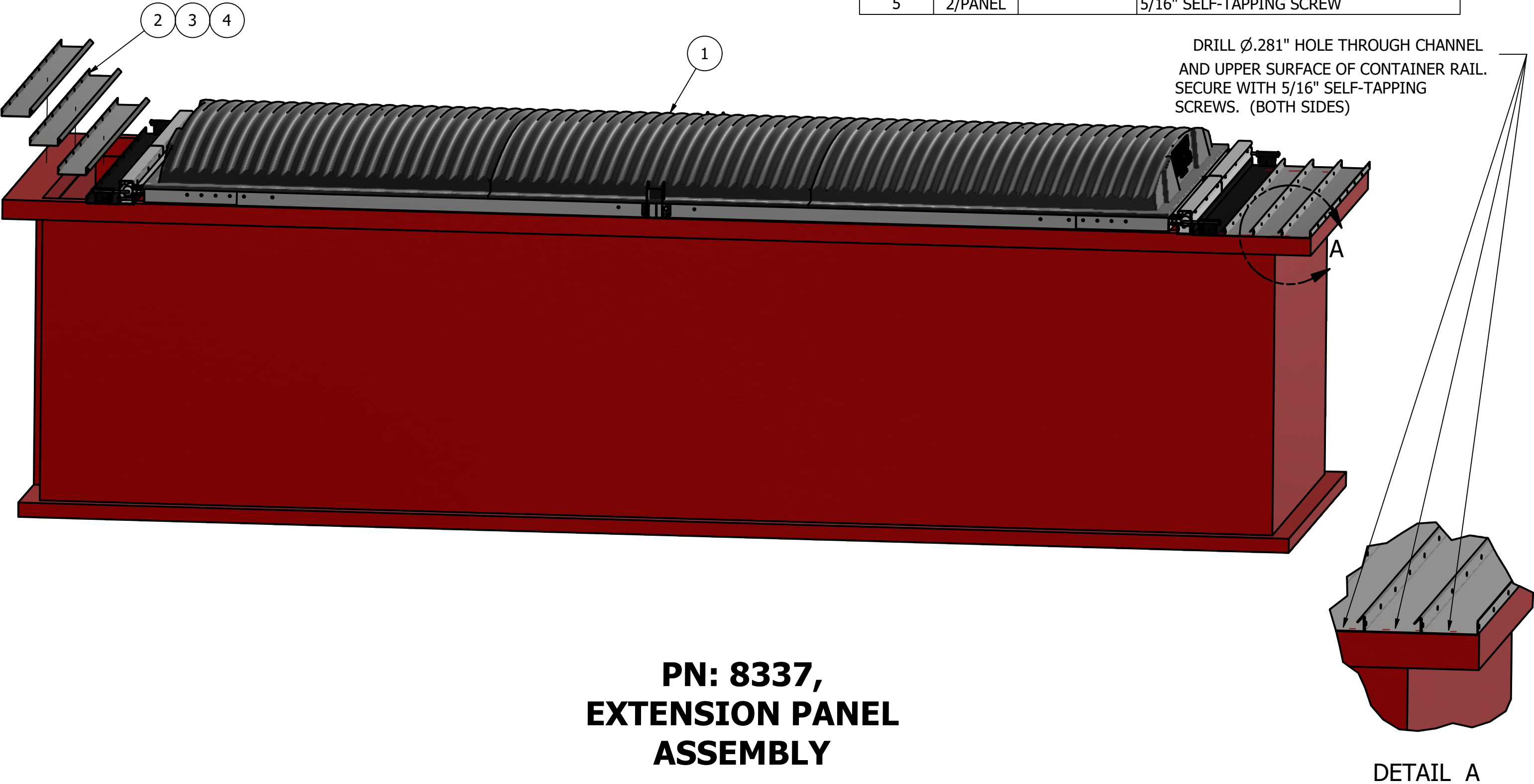
Weld the undersides of the Roller Arm Guide Assemblies to the top rail of the container, with a minimum of 3" welds per each end of each Roller Arm Guide Channel per weld standard AWS D1.1.



FOR CONTAINERS OVER 240"

Bolt Extension Panels to obtain the length needed to fully cover the container.

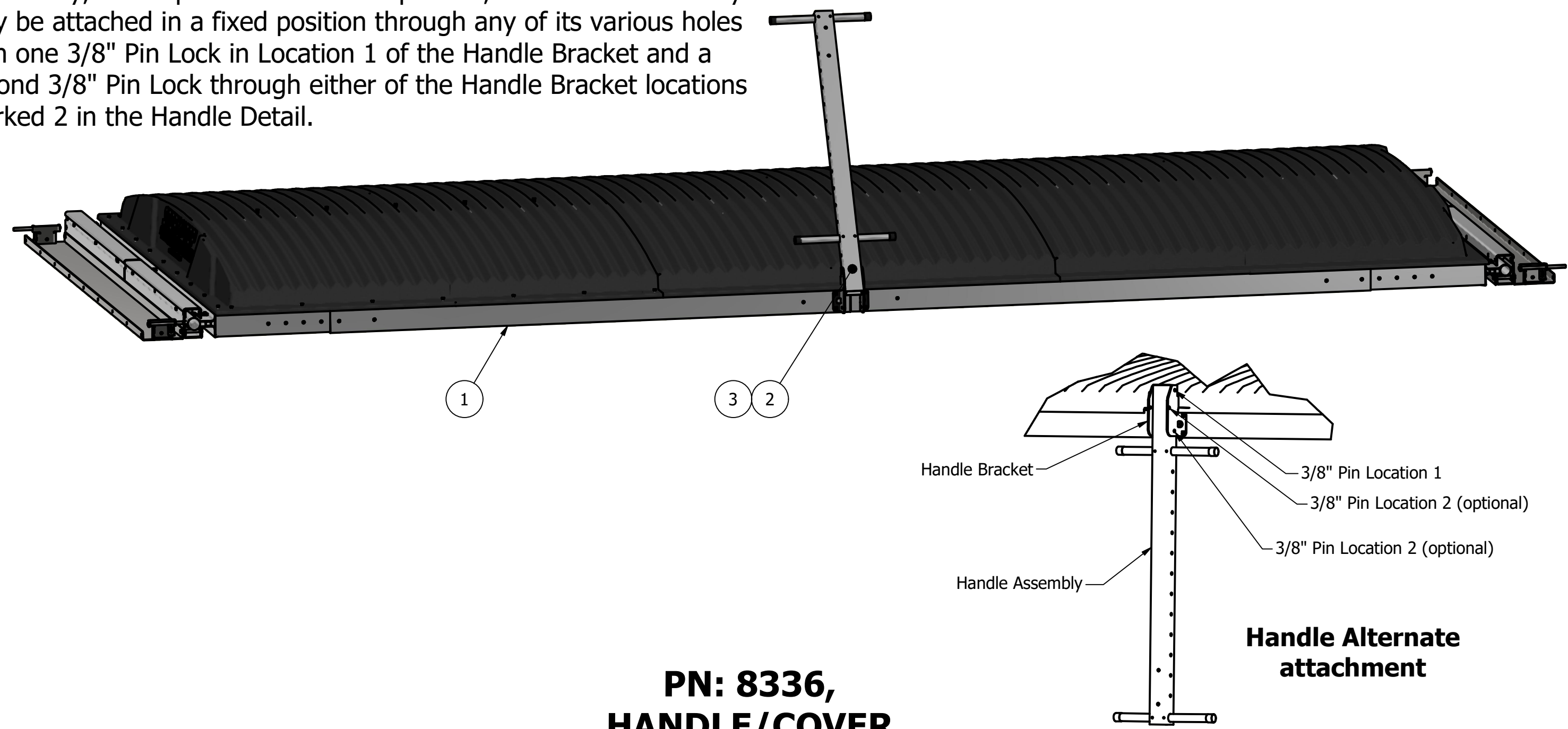
PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	8336	HANDLE/COVER ASSEMBLY
2	A/R	8319	EXTENSION PANEL
3	A/R		3/8" X 1/2" FLANGE BOLT (9 PER PANEL)
4	A/R		3/8" FLANGE NUT (9 PER PANEL)
5	2/PANEL		5/16" SELF-TAPPING SCREW



The Handle Assembly may be attached with a single 3/8" Pin Lock through Location 1 of the Handle Bracket and the first hole location of the Handle Assembly. This will allow the Handle Assembly to pivot as the Cover Assembly is operated.

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	8335	COVER FRAME ASSEMBLY
2	1	8230	HANDLE ASSEMBLY
3	2	N/A	PIN

Alternately, at the preference of the operator, the Handle Assembly may be attached in a fixed position through any of its various holes with one 3/8" Pin Lock in Location 1 of the Handle Bracket and a second 3/8" Pin Lock through either of the Handle Bracket locations marked 2 in the Handle Detail.



**PN: 8336,
HANDLE/COVER
ASSEMBLY**

**Handle Alternate
attachment**

STORM TOP

Model ST-8300-EVO SAFETY CHECKLIST

DO NOT OPERATE STORM-TOP COVER BEFORE REVIEWING

- Make sure all nuts/bolts are tightened
- Make sure container is on a level surface before attempting to open
- Make sure all roller locks are in place any time the cover is closed and not in use
- Make sure roller locks are in place on the side opposite the direction desired to open the cover, only locking the side to be opened at the time of operation
- Make sure all warning labels are in place and observed before operating
- Make sure there are no overhead obstructions that will interfere with cover opening
- Do not operate in extremely windy conditions

