

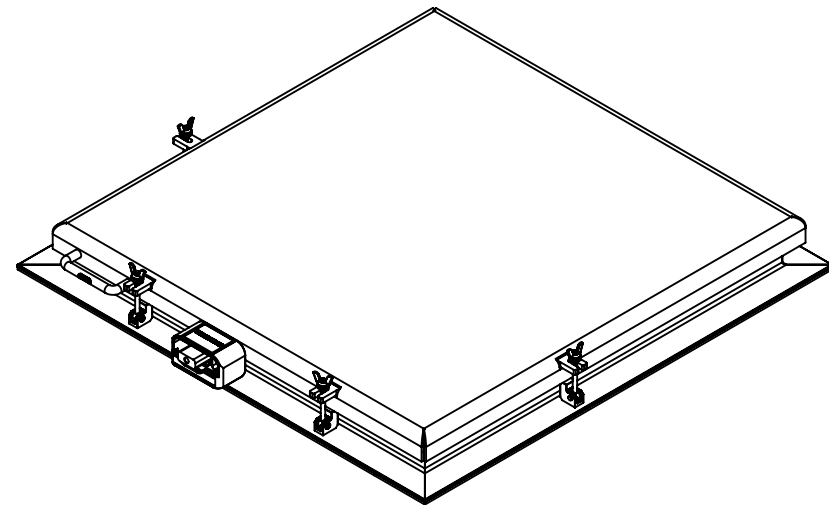
VERSA STEEL Approval Drawings

WATER RESERVOIR SECURITY HATCH, ST, NO SKIRT, SERIES 36 X 36

Assembly No.: VSH-200-A-36-36-STN-GS

ASSEMBLY NO./PART NUMBER KEY:

VSH= VERSA STEEL INC. HATCH
 200 = 200 P.S.F. RATED
 A= ALUMINUM CONSTRUCTION
 36-36= SIZE INTERIOR OPENING
 STN = SINGLE TEE FRAME SERIES, NO SKIRT
 GS= GAS SPRING

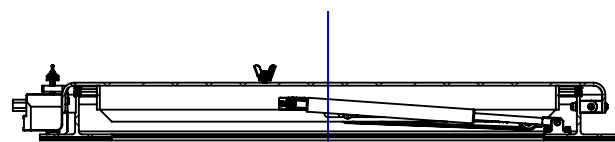
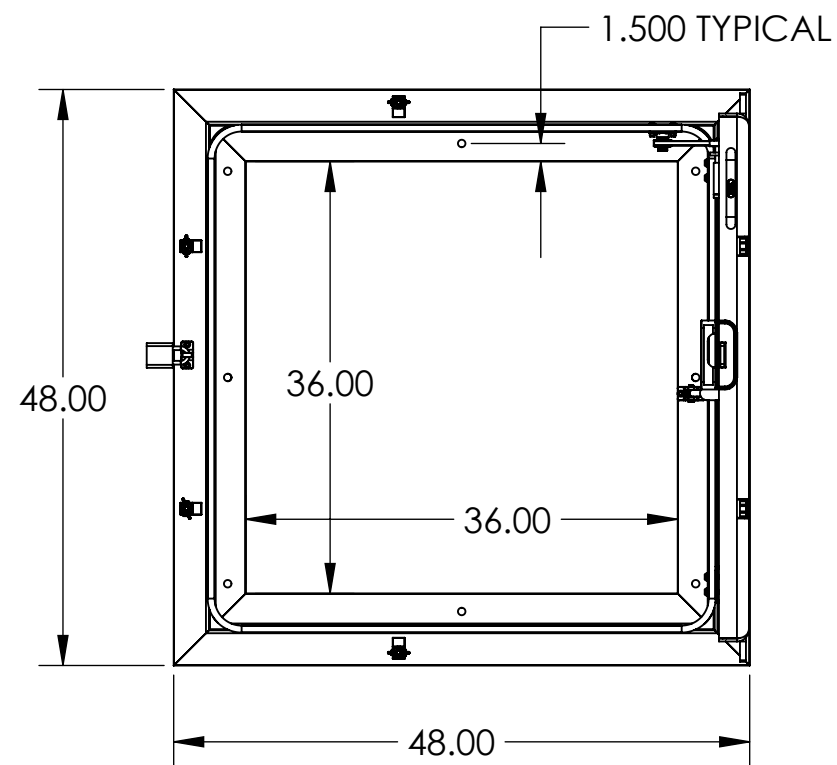
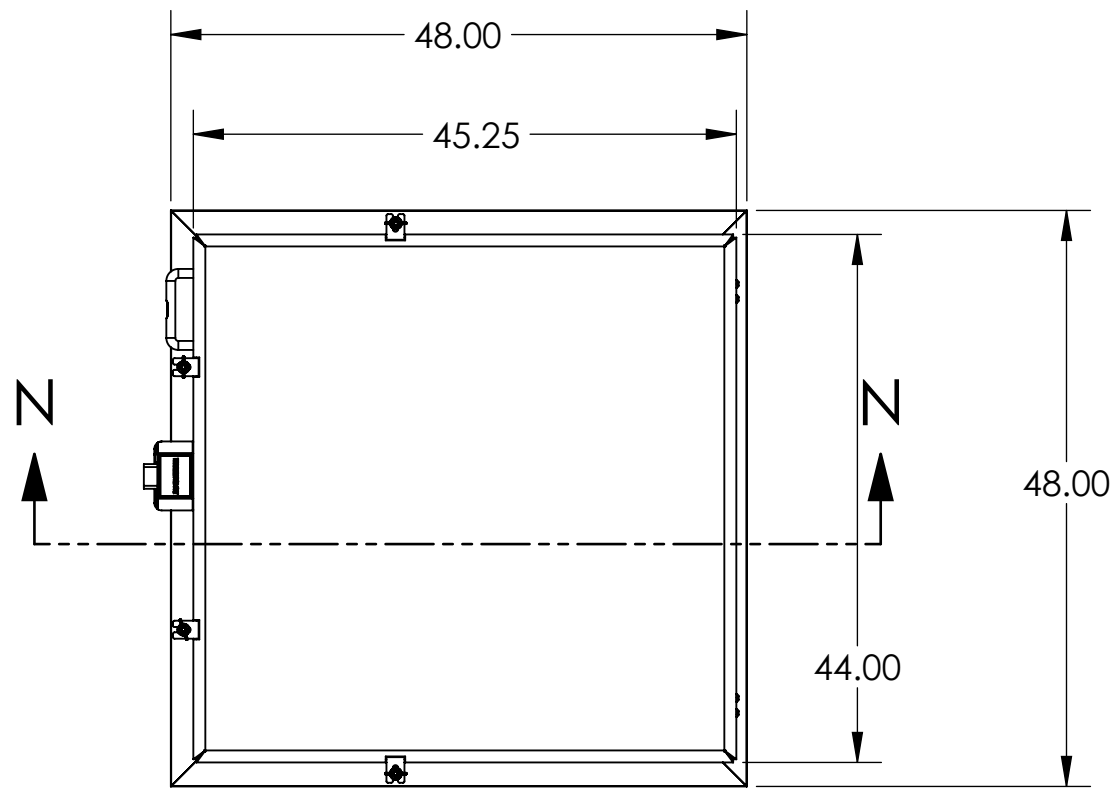


GENERAL SPECIFICATIONS:

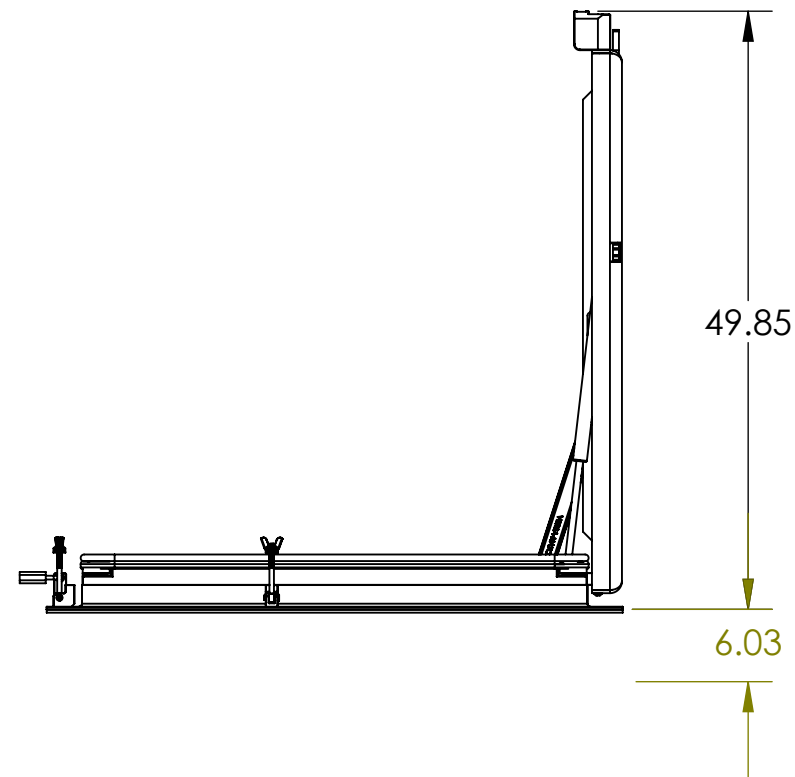
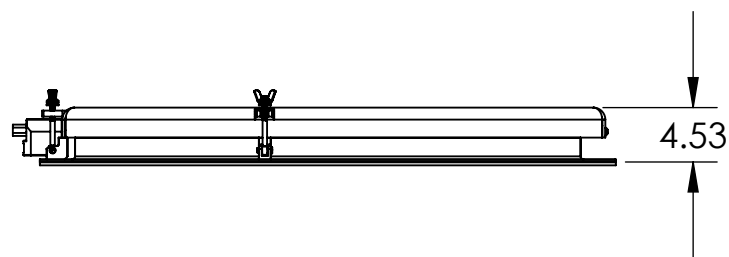
1. UNIT IS WEATHER PROOF WITH CONTINOUS BULB SEAL ON LID TO FRAME AND 1/4" X 5-1/4" WIDE FRAME TO CURB SEALS.
2. LID OVER LAPS FRAME A MINIMUM OF 2 INCHES.
3. FRAME IS A MINIMUM OF 4" ABOVE THE CURB.
4. LID IS HINGED ON SIDE WITH TAMPER PROOF SCREWS AND PROVISION FOR A PADLOCK WITH TAMPER PROOF COVER. THERE ARE A MINIMUM OF FOUR SWING BOLT HOLD DOWNS TO SECURE THE HATCH FOR WEATHER PROOF SEAL.
5. HATCH IS DESIGNED FOR 200 P.S.F. LOAD.
6. THERE ARE 8 INTERIOR ATTACHMENT POINTS FOR SECURITY USING 1/2" FASTENER. THERE IS A FULL FACE GASKET OF 5-1/4" WIDE CLOSED CELL FOAM EPDM BETWEEN FRAME AND CURB.
7. LID IS A 1/4" 5086 ALUMINUM PLATE.
8. ALL FASTENERS AND HARDWARE ARE 316 STAINLESS STEEL.

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MATERIAL	6061-T6 ALUMINUM	DRAWN BY	E. BAILIFF	REV	A	DATE		BY	
FINISH	BARE	DATE	2009-08-13	REV	B	DATE		BY	
SHEET TITLE	PART NUMBER: VSH-200-A-36-36-STN-GS	CHECKED BY		REV	C	DATE		BY	
PART NUMBER	VSH-200-A-36-36-STN-GS	APPROVED BY		REV	D	DATE		BY	
SUPPLIER	FABRICATED PART	PART NUMBER	VSH-200-A-36-36-STN-GS	REV	E	DATE		BY	
SCALE	1:16	WATER RESERVOIR SECURITY HATCH, ST, NO SKIRT, SERIES 36 X 36		REV	F	DATE		BY	
DRAWING NO.	VSH-200-A-36-36-STN-GS-AF	MATERIAL	6061-T6 ALUMINUM	REV	G	DATE		BY	
REVISION NO.	A	FINISH	BARE	VERSA STEEL, INC. 1618 NE FIRST AVENUE PORTLAND, OREGON 97232 (503)287-9822 FAX (503)-287-7483					
SHEET NO.	1	SHEET TITLE	PART NUMBER: VSH-200-A-36-36-STN-GS						
				WATER RESERVOIR SECURITY HATCH, ST, NO SKIRT, SERIES 36 X 36					
				1 OF 4					



SECTION N-N

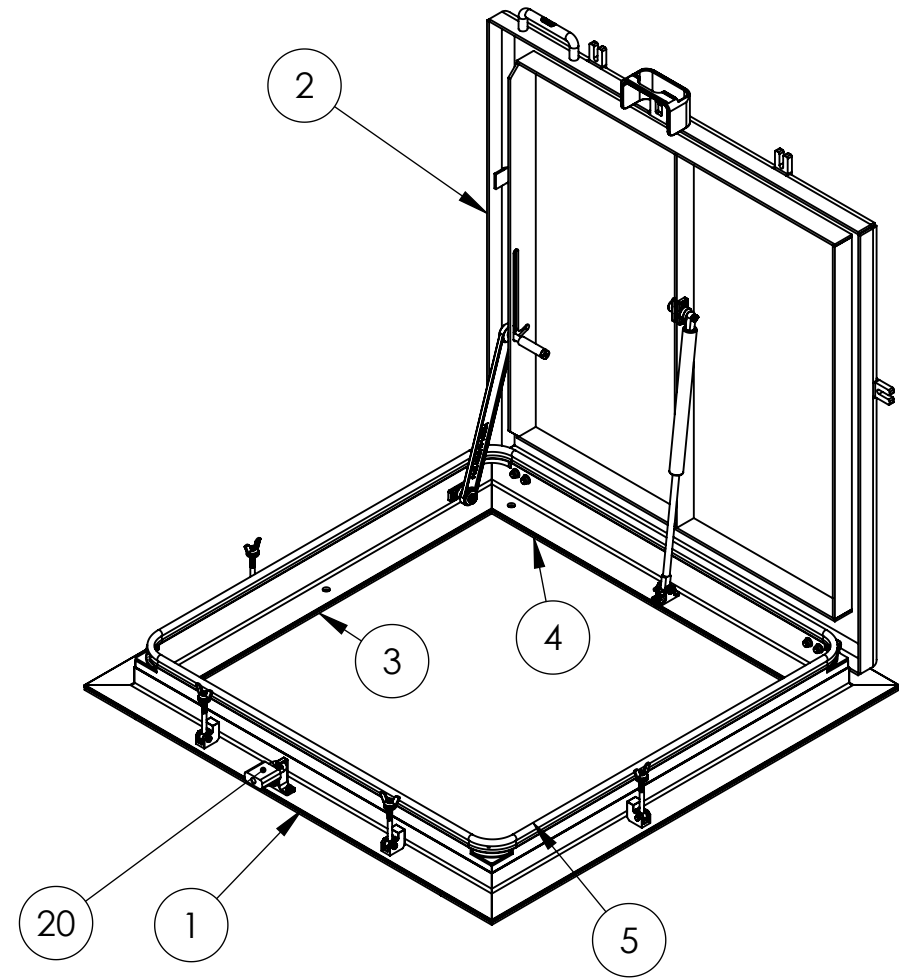


NOTES:
 PN: VSH-200-A-36-36-STN-GS
 DESC: WATER RESERVOIR SECURITY HATCH, ST, NNO SKIRT, SERIES 36 X 36
 MATRL: 6061-T6 ALUMINUM
 EST. WT: 129.3
 FINISH: BARE
 NOTE: -
 CAD FILE: VSH-200-A-36-36-STN-GS-APPROVAL

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SHEET TITLE	WATER RESERVOIR SECURITY HATCH, ST, NNO SKIRT, SERIES 36 X 36	CHECKED BY	
PART NUMBER	VSH-200-A-36-36-STN-GS	APPROVED BY	
SUPPLIER	FABRICATED PART		
SCALE	1:16		
DRAWING NO.	VSH-200-A-36-36-STN-GS-AP		
REVISION NO.	A		
SHEET NO.	2		
	OF 4		
		REV	ISSUED FOR
		A	
		B	
		C	
		D	
		E	
		F	
		G	
			DATE
			BY

VERSA STEEL, INC.
 1618 NE FIRST AVENUE
 PORTLAND, OREGON 97232
 (503)287-9822
 FAX (503)-287-7483



SEE SHEET 4 FOR DETAIL CALLOUTS

NOTES:
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 MATRL: 6061-T6 ALUMINUM
 EST. WT: 129.3
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 NOTE: -
 CAD FILE: VSH-200-A-36-36-STN-GS-APPROVAL

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	7000660-36X36-STN	T-FRAME, NO SKIRT 36 X 36	1
2	7000649-36X36	LID WELDMENT, T-FRAME 36 X 36	1
3	1001726-36	SEAL, BASE SIDE 36	2
4	1001725-36	SEAL, BASE WIDTH 48	2
5	1000559-36X36	HATCH SEAL, 36 X 36	1
6	1000740	DATA PLATE	1
7	C6LB-U12-6	LOCK BOLT STAINLESS 3/8" DIA (1/4" TO 1/2" GRIP RANGE)	4
8	3LC-2CU-12	HUCK LOCKING COLLAR, 3LC, 3/8", STAINLESS	4
9	1000793-06	SRING LOCK WASHER, 3/8", 316	4
10	1000792-06	WASHER, 3/8" 316, WIDE	4
11	VS-37	.375 Dia External, single turn, retaining ring-T316	5
12	1000059	ROD END 3/8" ID X 3/4" OD X 4 1/2" LG W/ 3/8-16 THRD X 2" LG	4
13	1000061	WING NUT, 3/8-16 UNC	4
14	1000664	Clevis Pin 3/8x1	4
15	GFI-0809-08	FLANGED BEARING	1
17	9446K71	LOCK BAR COVERING, GP PVC TUBING, RED	1
17	1000656	Shoulder Bolt 1/2x5/8	1
18	1000524-24	3/4" HOLD OPEN ARM, 24, 316 SST	1
19	1000844-08	WASHER, 1/2" ID X .06", NYLON	1
20	PADLOCK	PADLOCK, BY OTHERS, REFERENCE	1
21	1000657	Shoulder Bolt 3/8x 1/2	1
22	1000756	Clevis Pin 3/8x1-1/4	1
23	1165-10-350-C2C2	STAINLESS STEEL GAS SPRINGS, 10" STROKE, 350 LBS	1
24	1000060	SH SHOULDER SCREW, 3/8"-16 X 1/2" X 4.0 LG 316	1

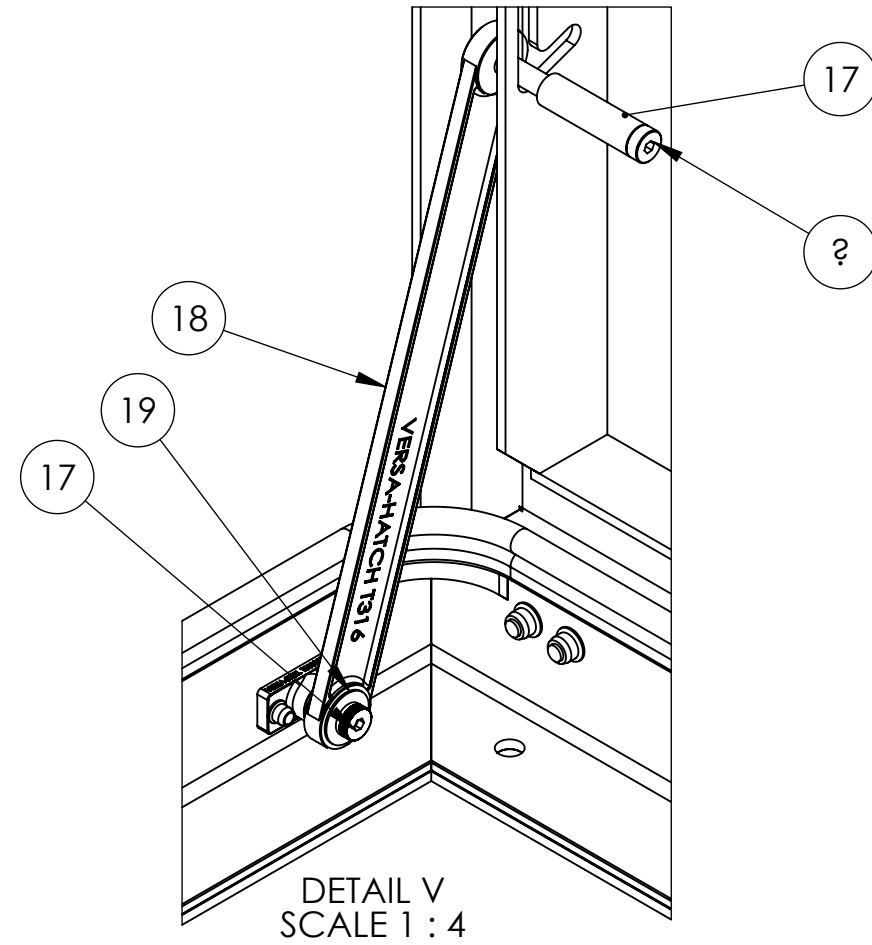
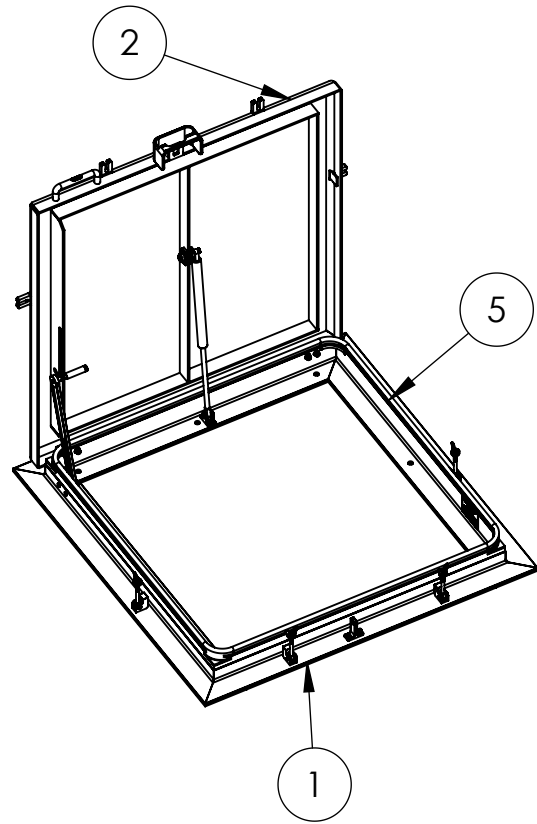
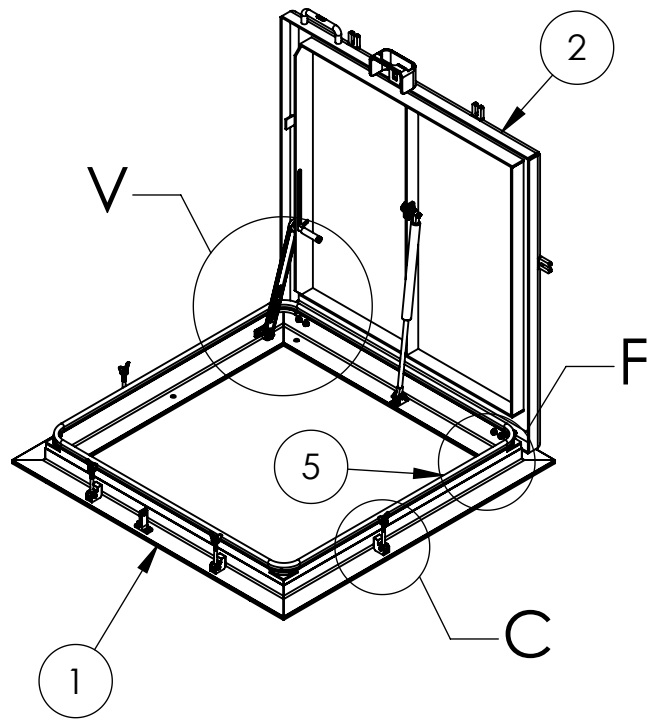
TOLERANCES:

DIMENSIONS ARE IN INCHES
 TOLERANCES:
 X.XX ± 0.020"
 X.XXX ± 0.005"
 UNLESS NOTED

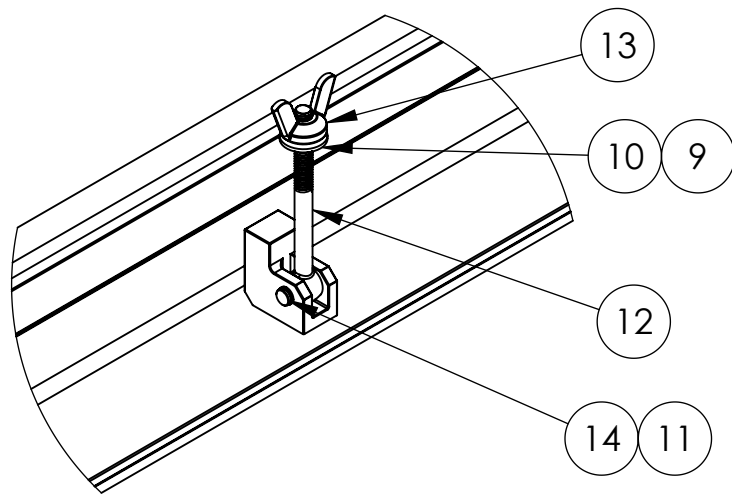
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APPROVED BY	
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FINISH	BARE
SHEET TITLE	WATER RESERVOIR SECURITY HATCH, ST, NNO SKIRT, SERIES 36 X 36
PART NUMBER	VSH-200-A-36-36-STN-GS
SUPPLIER	
FABRICATED PART	
SCALE	1:16
DRAWING NO.	VSH-200-A-36-36-STN-GS-AP
REVISION NO.	A
SHEET NO.	3 OF 4

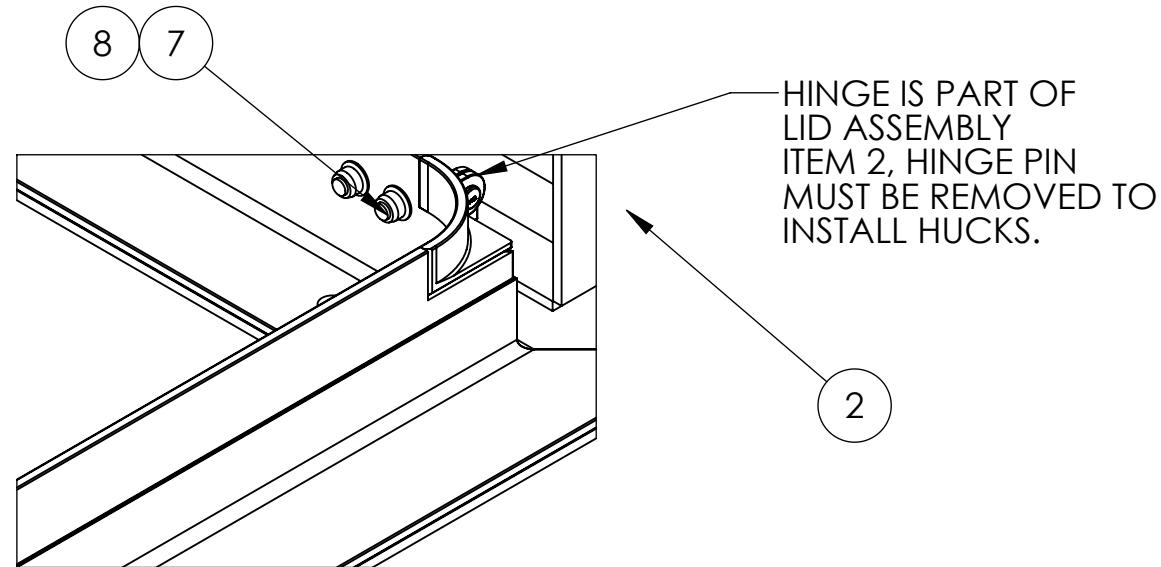
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DETAIL V
SCALE 1 : 4



DETAIL C
SCALE 1 : 4



DETAIL F
SCALE 1 : 4

TOLERANCES:

DIMENSIONS ARE IN INCHES
TOLERANCES:

X.XX ± 0.020"
X.XXX ± 0.005"
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DRAWN BY
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MATERIAL
6061-T6 ALUMINUM
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SHEET TITLE
WATER RESERVOIR SECURITY HATCH, ST, NNO SKIRT, SERIES 200
PART NUMBER: VSH-200-A-36-36-STN-GS

PART NUMBER
VSH-200-A-36-36-STN-GS
SUPPLIER
FABRICATED PART
SCALE
1:24
DRAWING NO.
VSH-200-A-36-36-STN-GS-AP
REVISION NO.
A
SHEET NO.
4 OF 4

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