

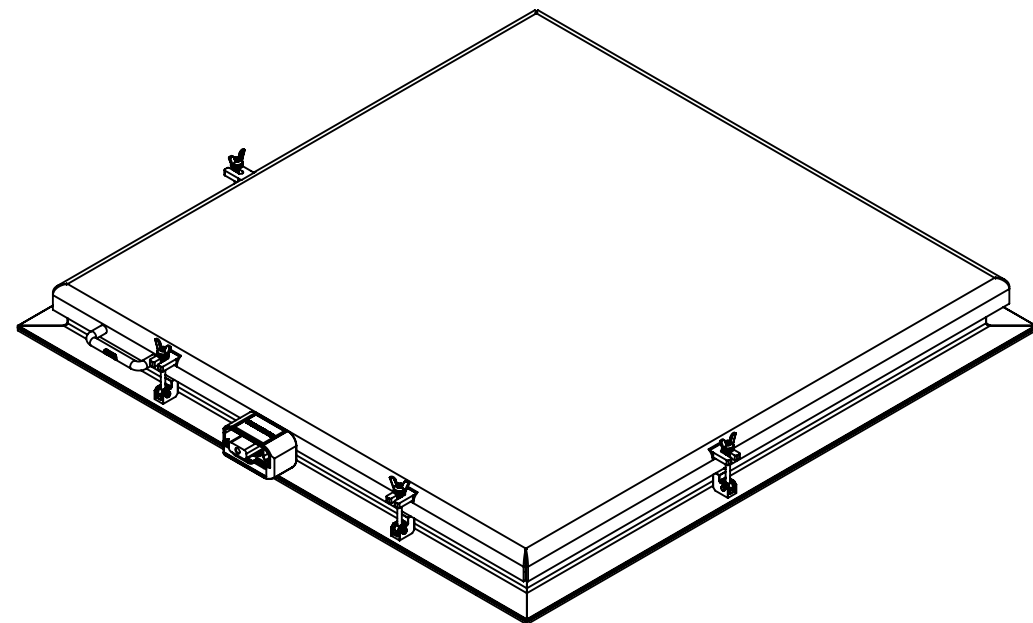
VERSA STEEL Approval Drawings

WATER RESERVOIR SECURITY HATCH, ST, NO SKIRT, SERIES 48 X 48

Assembly No.:VSH-200-A-48-48-STN-GS

ASSEMBLY NO./PART NUMBER KEY:

VSH= VERSA STEEL INC. HATCH
 200 = 200 P.S.F. RATED
 A= ALUMINUM CONSTRUCTION
 48-48= SIZE INTERIOR OPENING
 STN = SINGLE TEE FRAME SERIES, NO SKIRT
 NS= NO 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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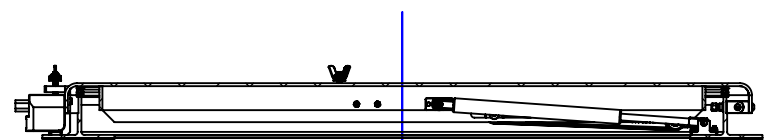
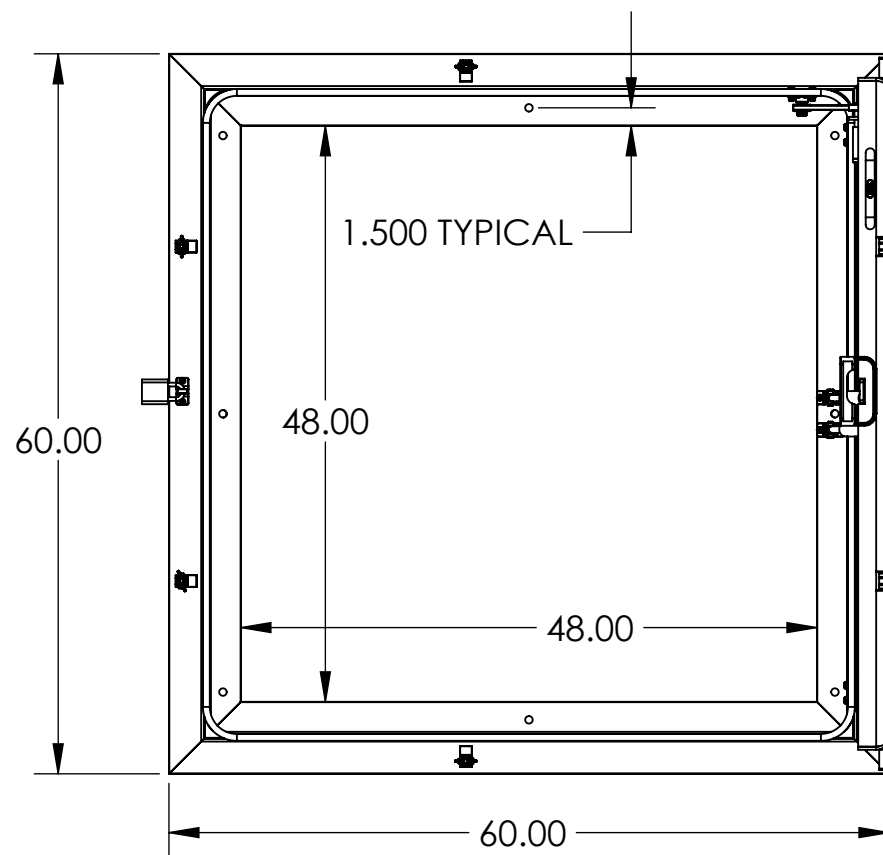
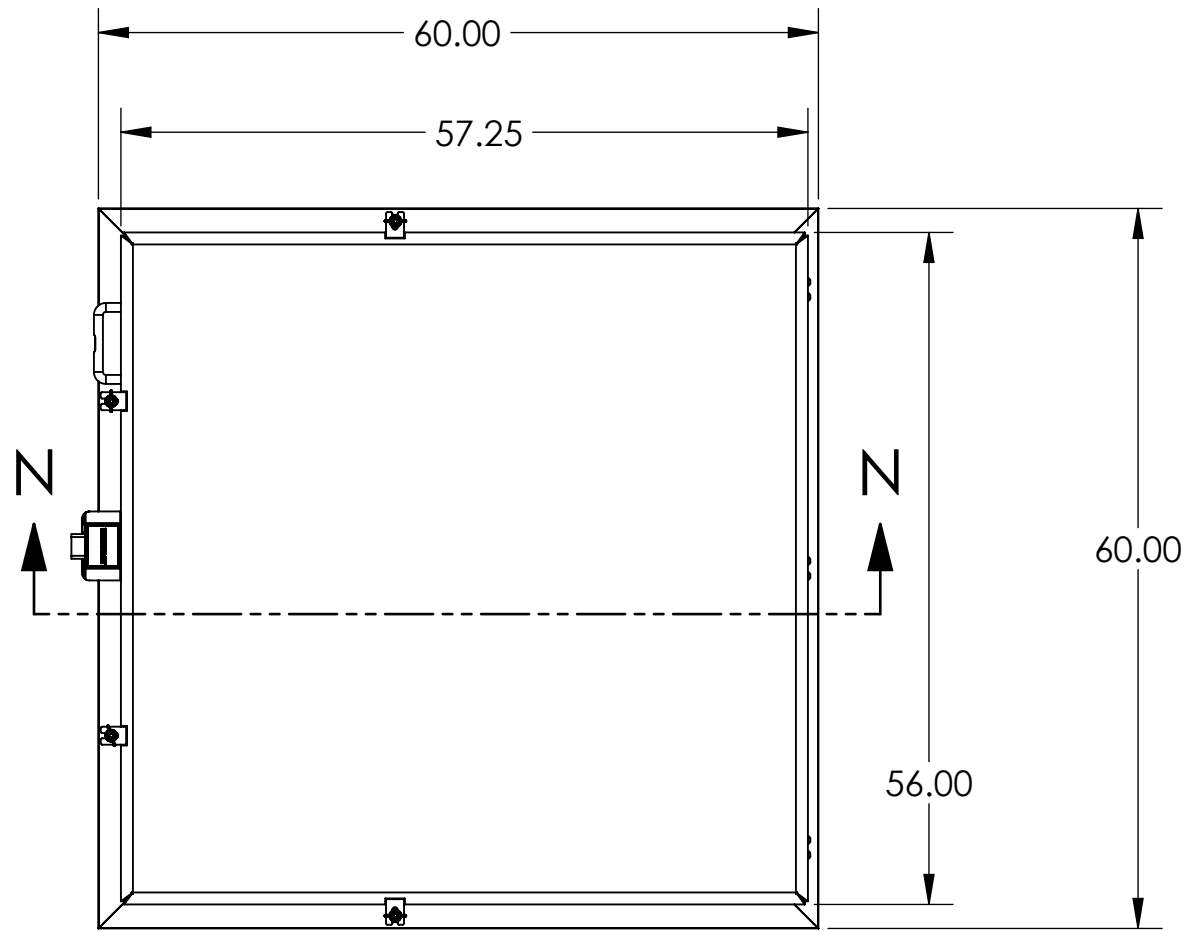
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FINISH		BARE	
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PART NUMBER		VSH-200-A-48-48-STN-GS	
SUPPLIER		FABRICATED PART	
SCALE		1:16	
DRAWING NO.		VSH-200-A-48-48-STN-GS-AP	
REVISION NO.		C	
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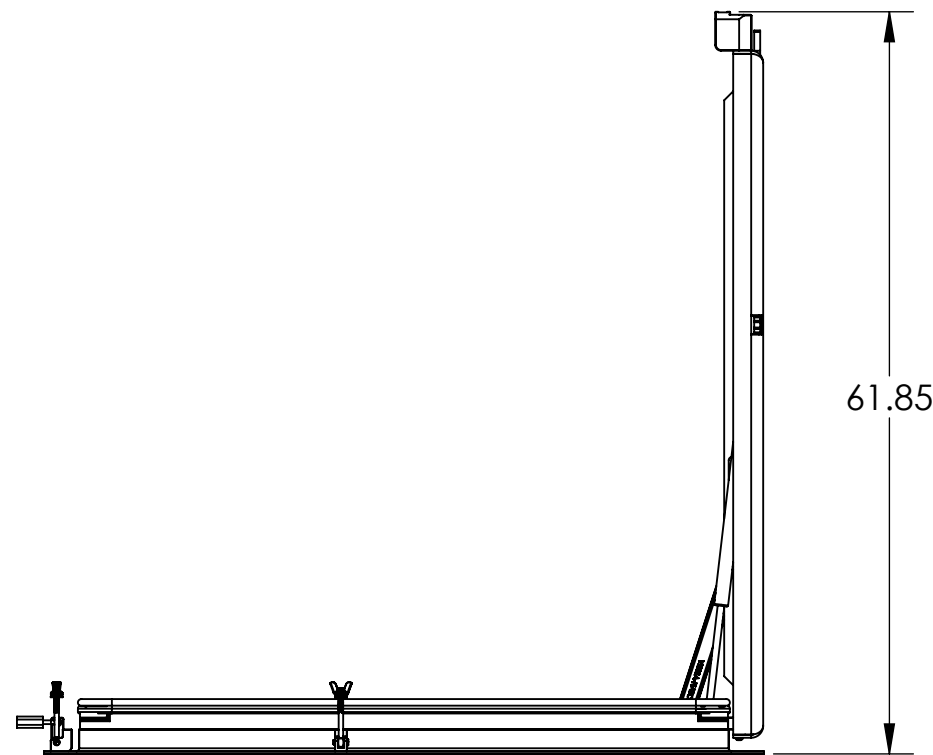
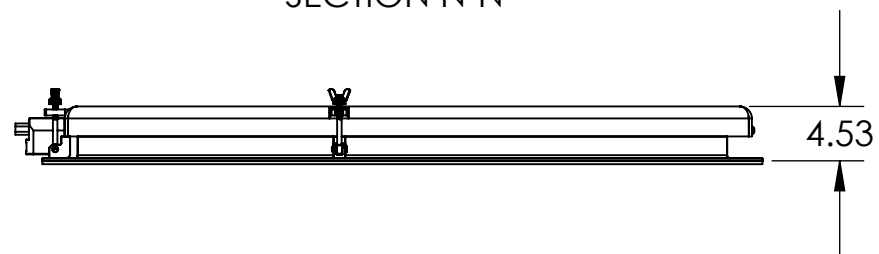
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WATER RESERVOIR SECURITY HATCH, ST, NO SKIRT, SERIES 48 X 48



SECTION N-N



NOTES:
 PN: VSH-200-A-48-48-STN-GS
 DESC: WATER RESERVOIR SECURITY HATCH, ST, NO SKIRT, SERIES 48 X 48
 MATRL: 6061-T6 ALUMINUM
 EST. WT: 186.9
 FINISH: BARE
 NOTE: -
 CAD FILE: VSH-200-A-48-48-STN-GS-APPROVAL

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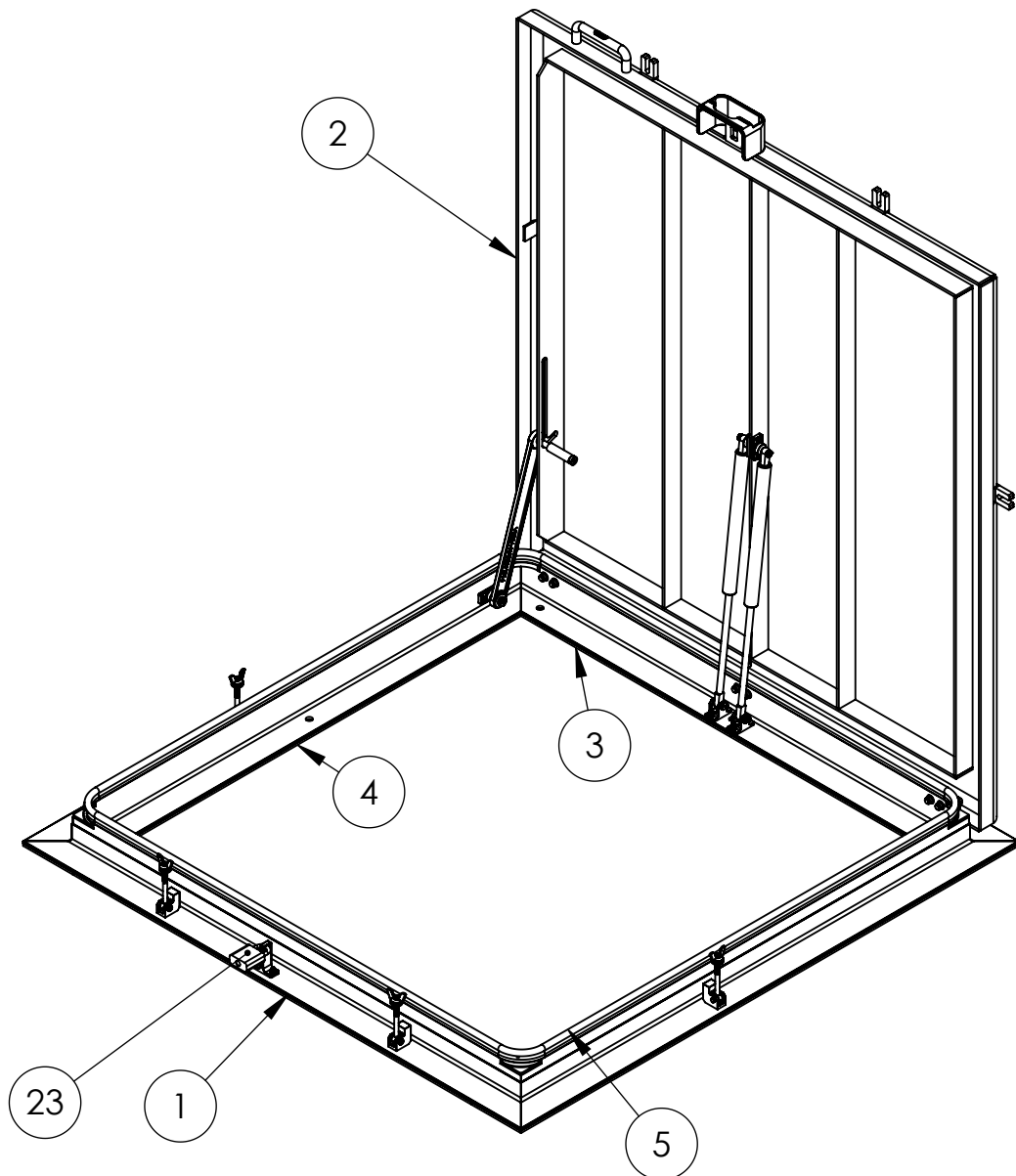
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FINISH	BARE		
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PART NUMBER	VSH-200-A-48-48-STN-GS		
SUPPLIER	FABRICATED PART		
SCALE	1:16		
DRAWING NO.	VSH-200-A-48-48-STN-GS-AP		
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PART NUMBER: VSH-200-A-48-48-STN-GS



SEE SHEET 4 FOR DETAIL CALLOUTS

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	7000660-48X48-STN	T-FRAME, SKIRT 48 X 48	1
2	7000649-48X48	LID WELDMENT, T-FRAME 48 X 48	1
3	1001725-48	SEAL, BASE WIDTH 48	2
4	1001726-48	SEAL, BASE SIDE 48	2
5	1000559-48X48	HATCH SEAL, 48 X 48	1
6	1165-10-300-FO-C2C2	STAINLESS STEEL GAS SPRINGS, 10" STROKE, 300 LBS	2
7	1000756	Clevis Pin 3/8x1-1/4	2
8	VS-37	.375 Dia External, single turn, retaining ring-T316	6
9	1000656	Shoulder Bolt 1/2x5/8	1
10	1000657	Shoulder Bolt 3/8x 1/2	2
11	C6LB-U12-6	LOCK BOLT STAINLESS 3/8" DIA (1/4" TO 1/2" GRIP RANGE)	6
12	3LC-2CU-12	HUCK LOCKING COLLAR, 3LC, 3/8", STAINLESS	6
13	1000793-06	SRING LOCK WASHER, 3/8", 316	4
14	1000792-06	WASHER, 3/8" 316, WIDE	4
15	1000059	ROD END 3/8" ID X 3/4" OD X 4 1/2" LG W/ 3/8-16 THRD X 2" LG	4
16	1000061	WING NUT, 3/8-16 UNC	4
17	1000664	Clevis Pin 3/8x1	4
18	GFI-0809-08	FLANGED BEARING	1
17	9446K71	LOCK BAR COVERING, GP PVC TUBING, RED	1
20	1000060	SH SHOULDER SCREW, 3/8"-16 X 1/2" X 4.0 LG 316	1
21	1000524-24	3/4" HOLD OPEN ARM, 24, 316 SST	1
22	1000844-08	WASHER, 1/2" ID X .06", NYLON	1
23	PADLOCK	PADLOCK, BY OTHERS, REFERENCE	1
24	1000740	DATA PLATE	1

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 NOTE: -
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TOLERANCES:

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

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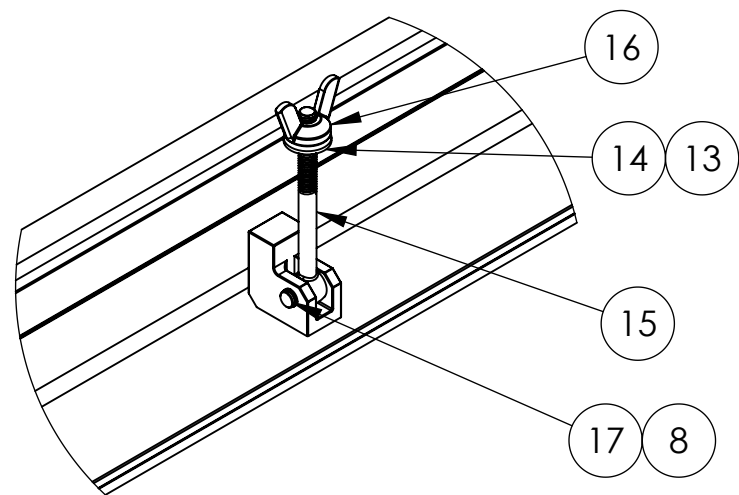
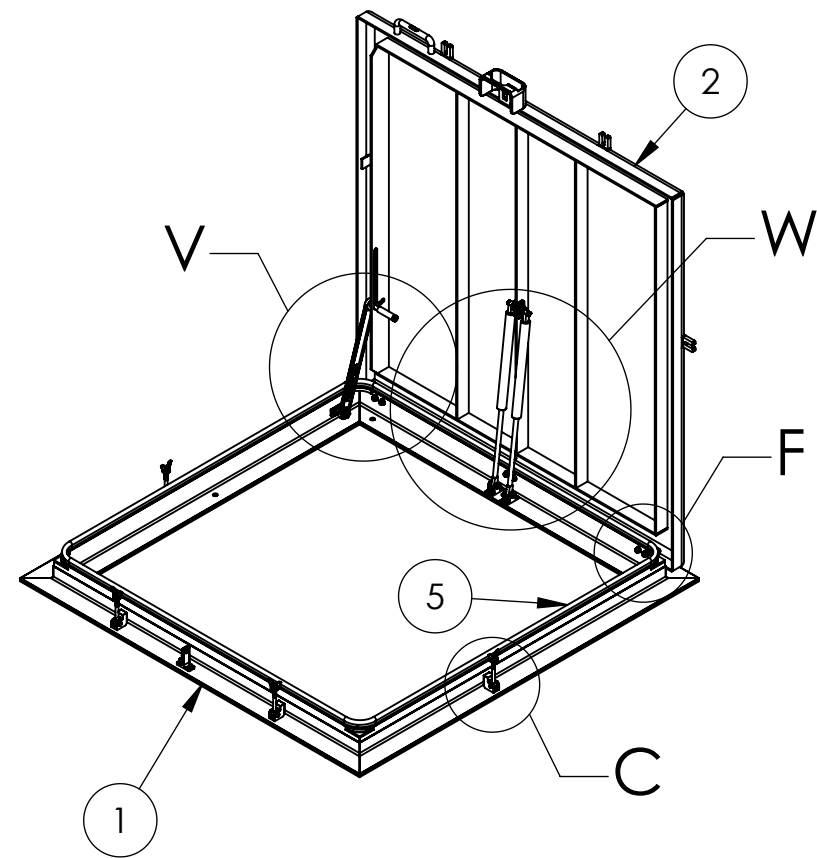
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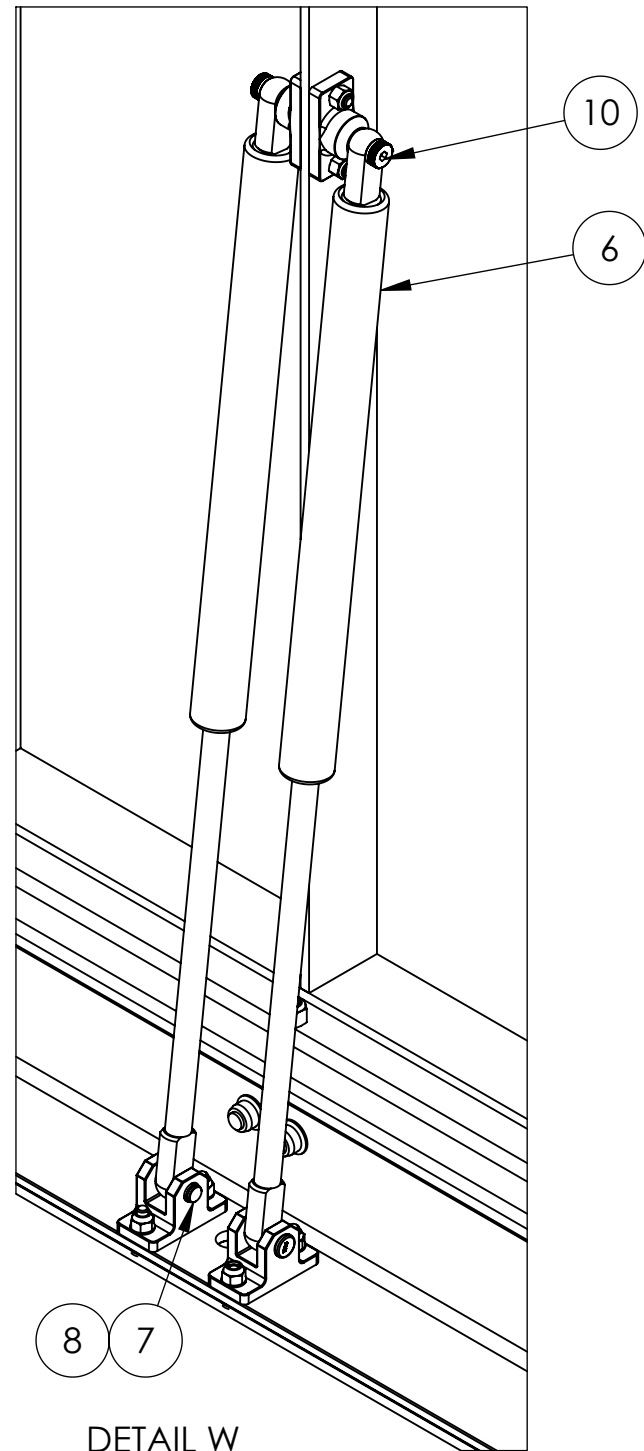
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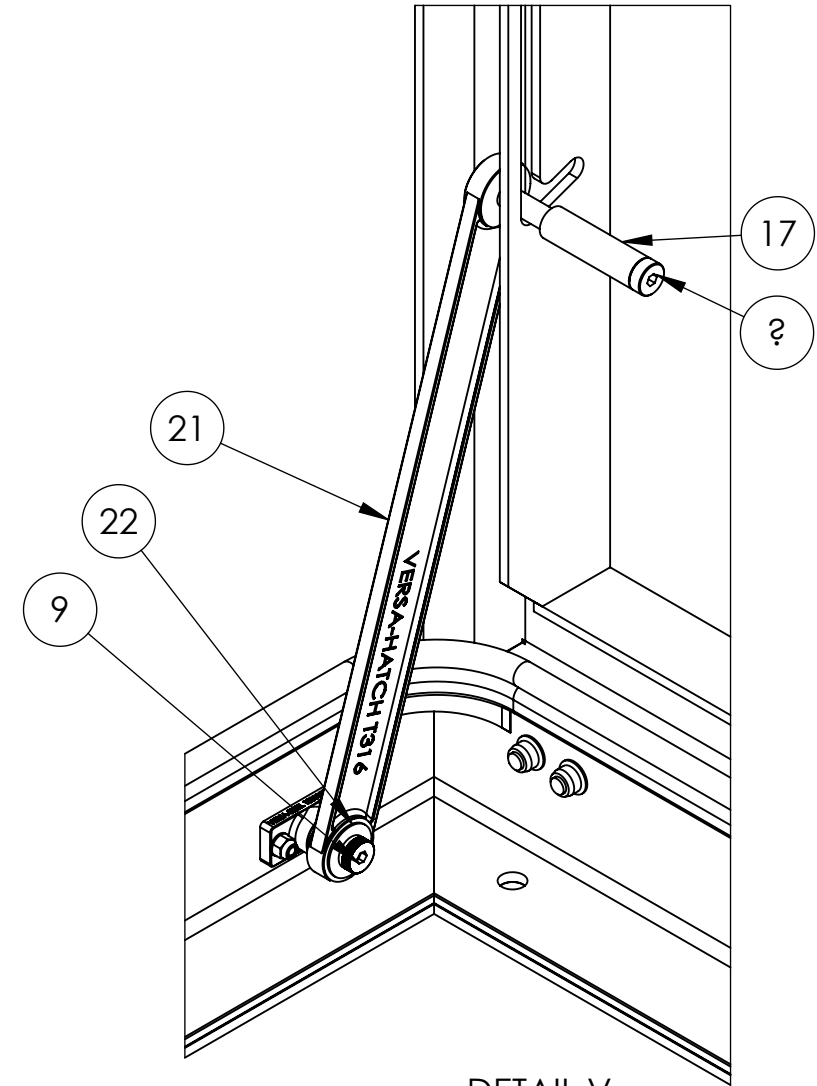
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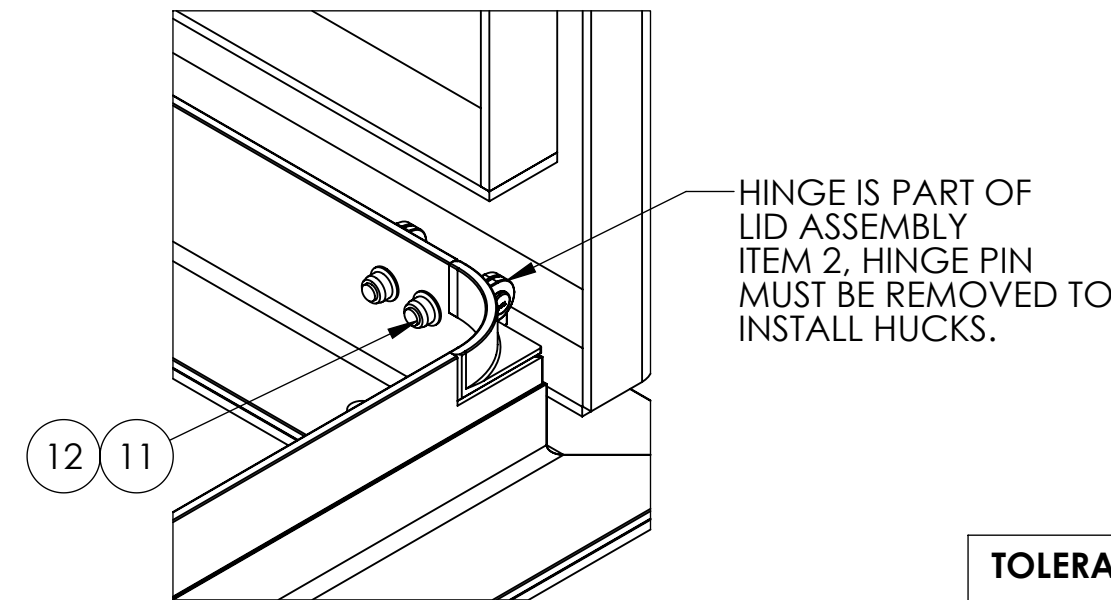
DETAIL C
SCALE 1 : 4



DETAIL W
SCALE 1 : 4



DETAIL V
SCALE 1 : 4



DETAIL F
SCALE 1 : 4

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PART NUMBER	VSH-200-A-48-48-STN-GS			
SUPPLIER	FABRICATED PART			
SCALE	1:24			
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