

VERSA STEEL

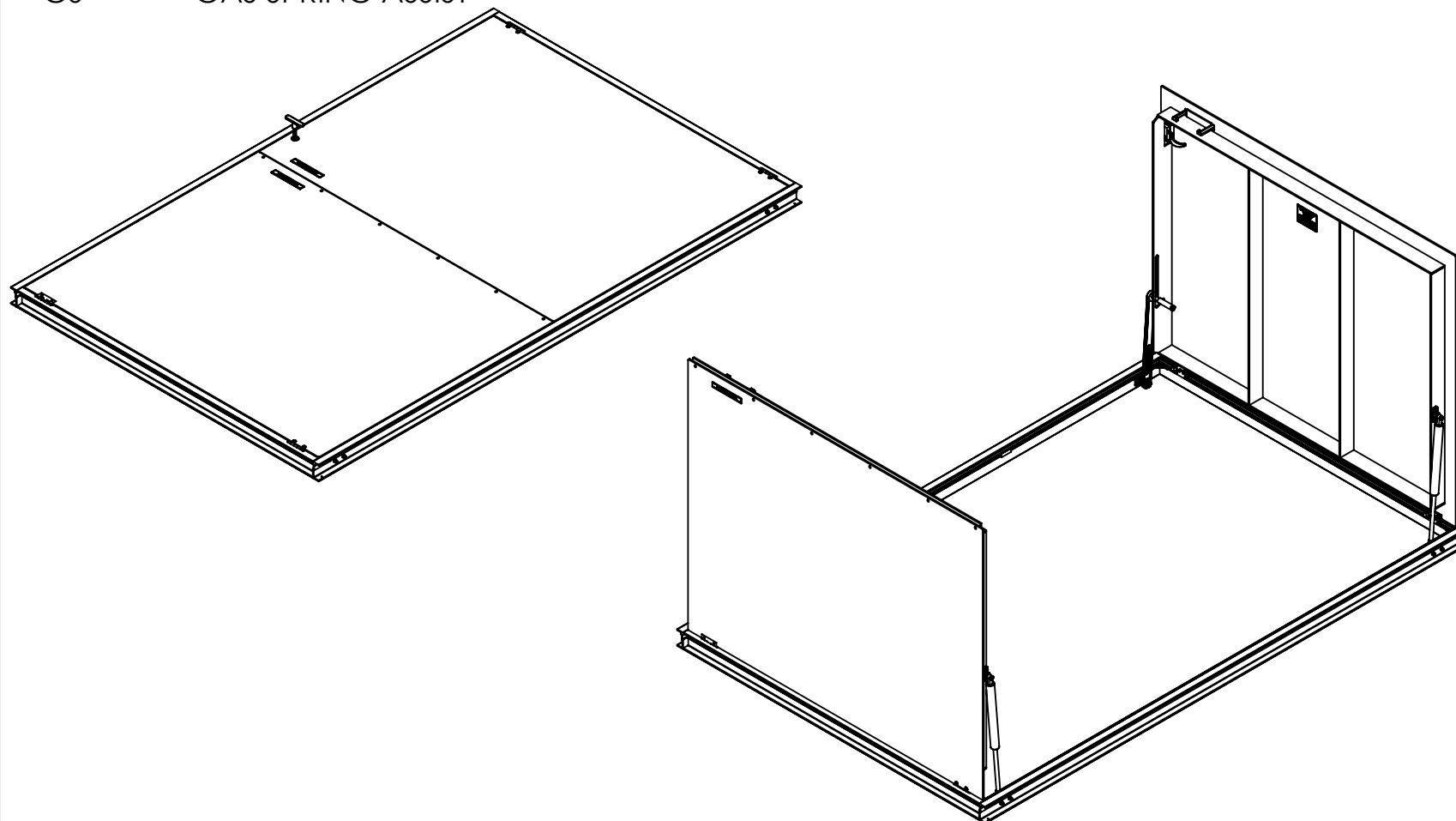
SPECIFICATION

HATCH ASSEMBLY FLUSH, 60 X 96 PEDESTRIAN

Assembly No.:VSH-300-A-60-96-D-GS

ASSEMBLY NO./PART NUMBER KEY:

VSH= VERSA STEEL INC. HATCH
300 = SIDWALK, STREET, FLUSH, 300 P.S.F RATED,
A= ALUMINUM CONSTRUCTION
60-96= SIZE INTERIOR OPENING
D = DUAL LEAF, SLAM LATCH
GS= GAS SPRING ASSIST

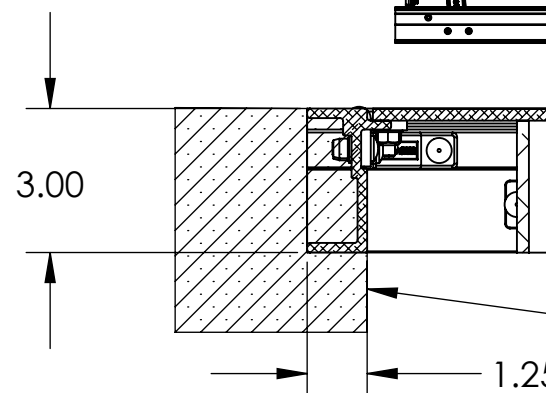
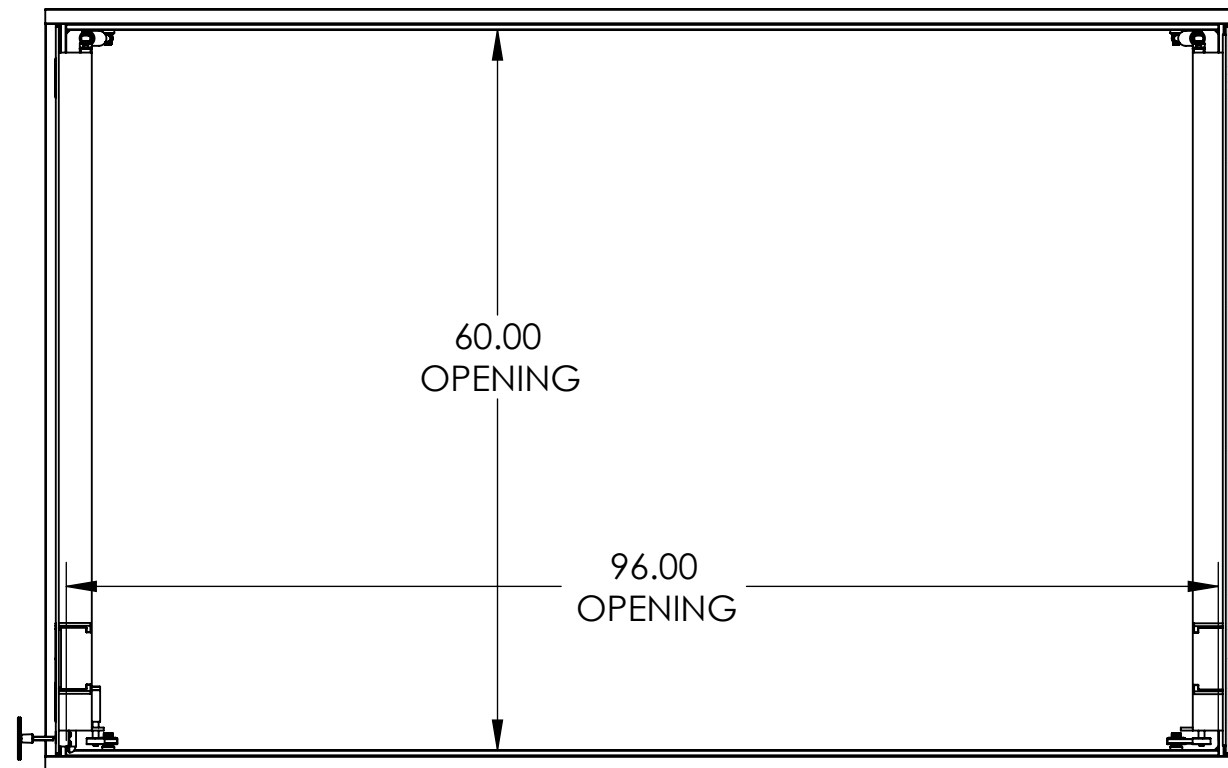
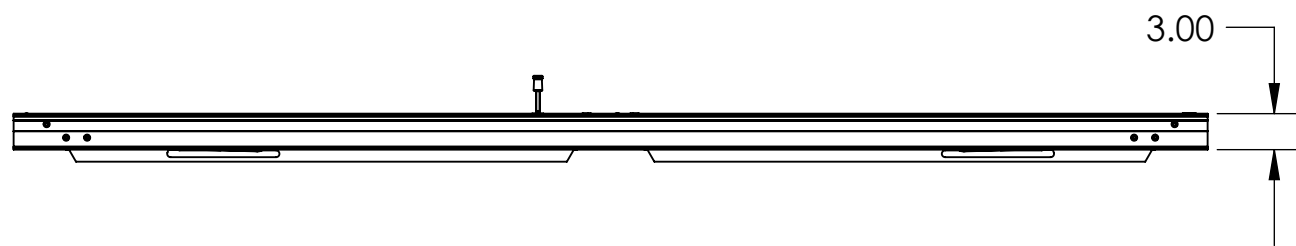
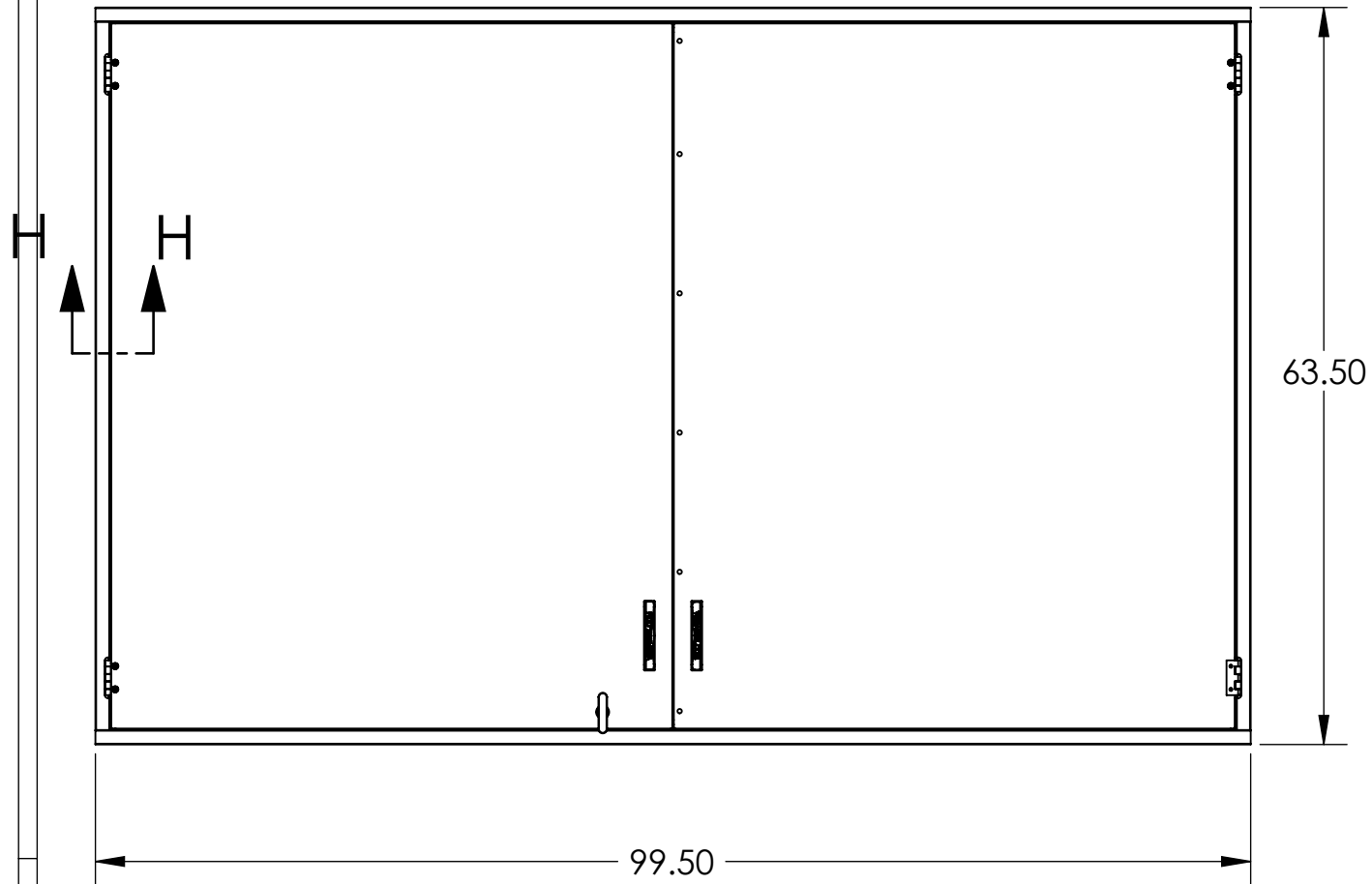


GENERAL SPECIFICATIONS:

1. MATERIAL IS 6061-T6 ALUMINUM FOR BARS, AND EXTRUSIONS. 1/4" 6061 TREAD PLATE
2. UNIT IS DESIGNED FOR 300 P.S.F LOADS.
3. UNIT IS DESIGNED TO BE CAST INTO CONCRETE FLOOR OR CURBING. CONCRETE MUST SUPPORT THE 300 RATING FOR PROPER INSTALLATION OF HATCH.
4. FRAME IS CONTINUOUS EXTRUDED CHANNEL 1-5/8" WIDE WITH LEGS TO LOCK INTO CONCRETE FOR THE COMPLETE PERIMETER OF FRAME. EACH CORNER HAS A CORNER REINFORCEMENT CLIP BOLTED IN PLACE.
5. HINGES ARE HEAVY DUTY DESIGN, MATERIAL IS 316 STAINLESS STEEL.
6. ALL FASTENERS ARE GRADE 316 STAINLESS STEEL, NUTS ARE SELF LOCKING NYLON INSERT TYPE.
7. ALL ALUMINUM IS MILL FINISH WITH THE EXTERIOR OF FRAME THAT CONTACT CONCRETE HAS A COAT OF BLACK BITUMINOUS PAINT.
8. LID IS SUPPLIED WITH A STAINLESS STEEL SLAM LOCK WITH A THREADED O-RING CLOSURE AND A TEE HANDLE TO REMOVE CLOSURE AND OPERATE THE SLAM LOCK. SLAM LOCK HAS INTERNAL HANDLE FOR ACCESS INTERNALLY.
9. A STAINLESS STEEL LIFT HANDLE IS SUPPLIED AND IS FLUSH WITH TOP OF LID WHEN NOT IN USE.
10. LID IS HELD OPEN IN A 90 DEGREE POSITION WITH A LOCK OPEN ARM, MANUALLY RELEASED TO CLOSE HATCH.
11. GAS SPRING ASSIST ON EACH DOOR MADE FROM 316 STAINLESS AND FILLED WITH FOOD GRADE OIL.

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VERSASHEET		G		F		E		D		C		B		A		REV		ISSUED FOR		DATE		BY	
VERSASHEET, INC.		1618 NE FIRST AVENUE		PORTLAND, OREGON 97232		(503)287-9822		(503)287-9822		FAX (503)-287-7483													
DRAWN BY		E.BAILIFF		DATE		2010-9-25		CHECKED BY				APPROVED BY											
MATERIAL		FINISH		SHEET TITLE		HATCH ASSEMBLY FLUSH, 60 X 96		PART NUMBER		VSH-300-A-60-96-D-GS		SUPPLIER											
SCALE		1:24		DRAWING NO.		VSH-300-A-60-96-D-GS-APP		REVISION NO.		A		SHEET NO.		1		OF		3					



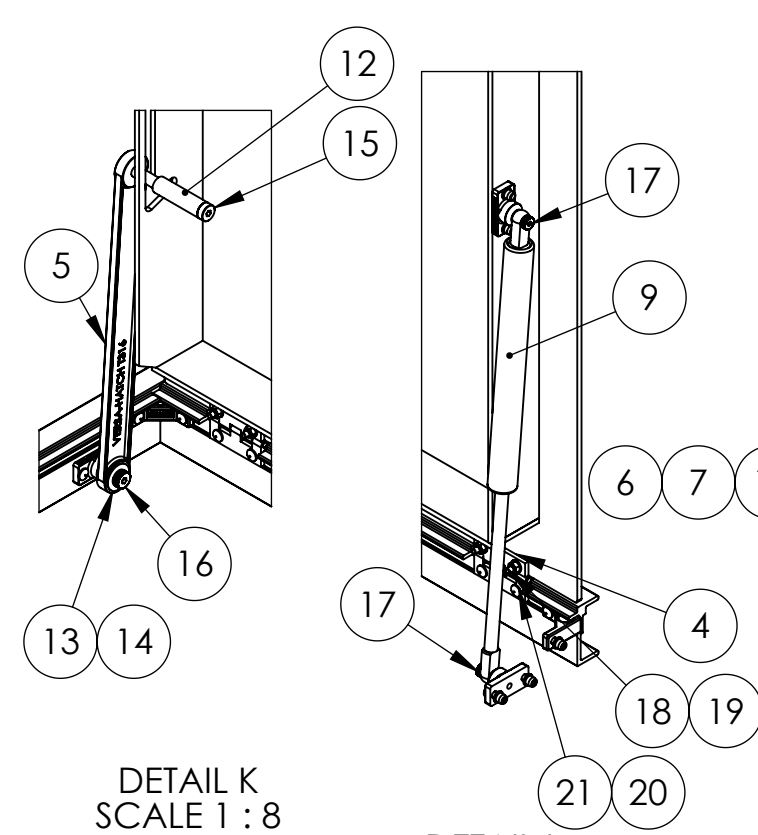
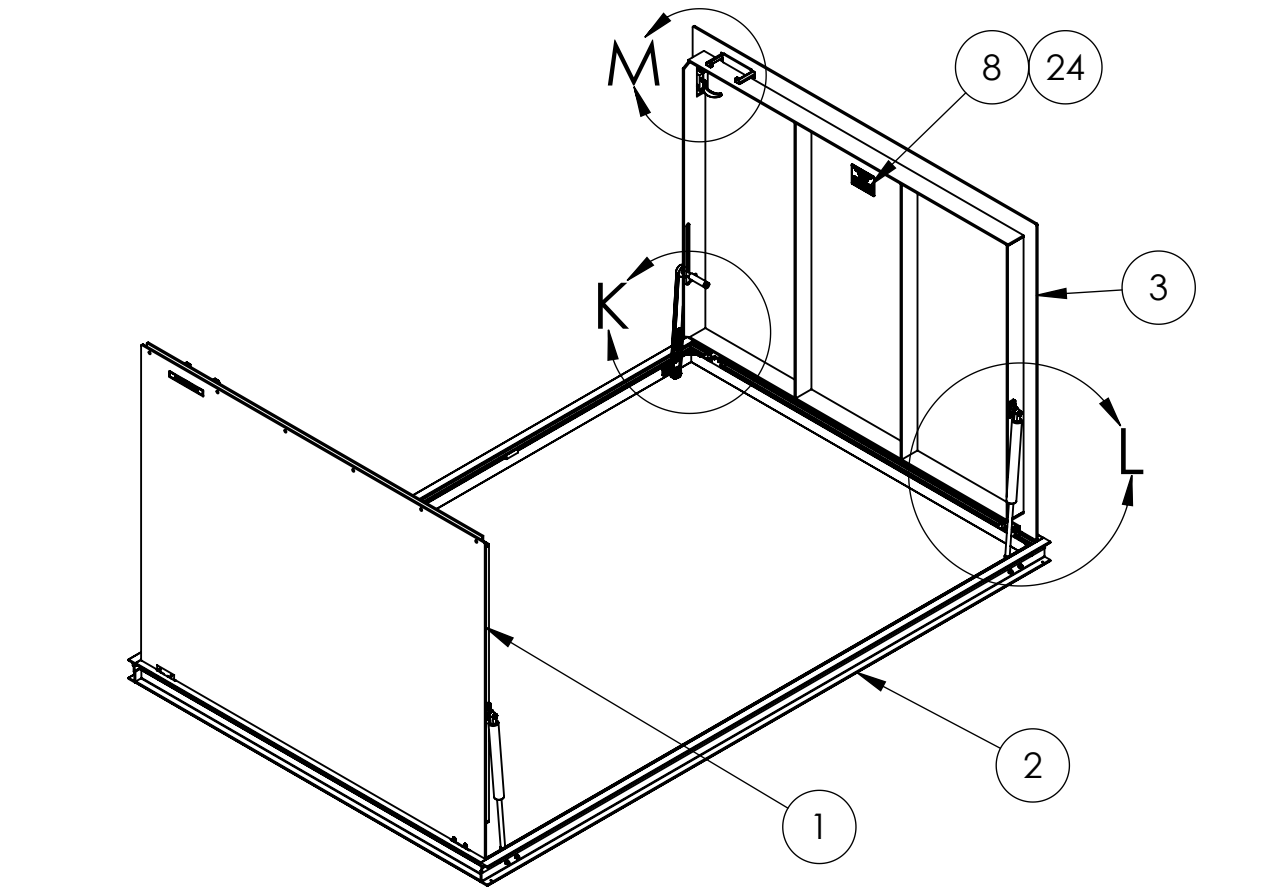
NOTES:
PN: VSH-300-A-60-96-D-GS
DESC: HATCH ASSEMBLY FLUSH, 60 X 96
MATRL:
EST. WT: 220.79
FINISH:
NOTE:
CAD FILE: VSH-300-A-60-96-D-GS-APPROVAL

SECTION H-H
SCALE 1 : 4

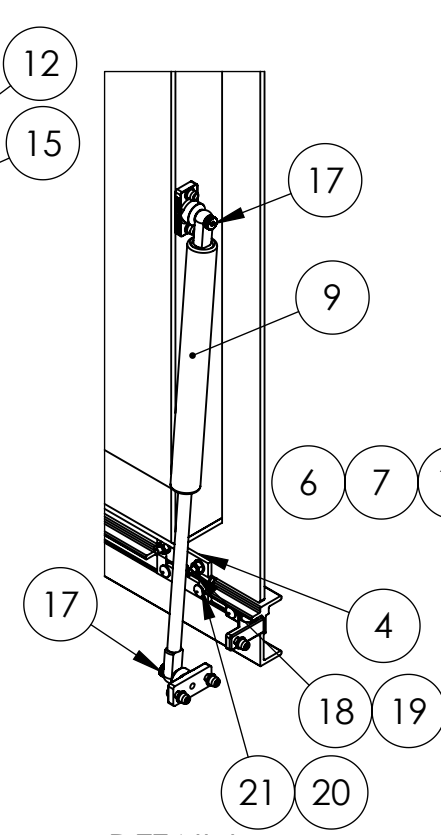
CAST IN CONCRET
INSIDE OPENING

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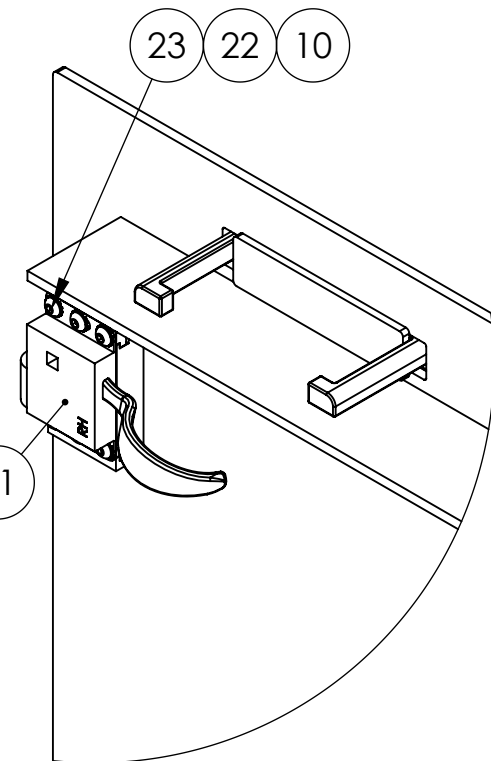
MATERIAL FINISH SHEET TITLE PART NUMBER SUPPLIER SCALE DRAWING NO. REVISION NO. SHEET NO.	VERSAS STEEL, INC. 1618 NE FIRST AVENUE PORTLAND, OREGON 97232 (503)287-9822 FAX (503)-287-7483		REV	ISSUED FOR	DATE	BY
	DRAWN BY E.BAILIFF		A			
	DATE 2010-9-25		B			
	CHECKED BY		C			
	APPROVED BY		D			
	HATCH ASSEMBLY FLUSH, 60 X 96		E			
	PART NUMBER: VSH-300-A-60-96-D-GS		F			
VSH-300-A-60-96-D-GS		G				



DETAIL K
SCALE 1 : 8



DETAIL L
SCALE 1 : 8



DETAIL M
SCALE 1 : 4

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	7000565-60X96	LID WELDMENT, FLUSH FRAME 60 X 72	1
2	7000563-60X96	FRAME WELDMENT, FLUSH EXTRUDED 60 X 72	1
3	7000564-60X96	LID WELDMENT, FLUSH FRAME 60 X 72	1
4	7000014	HINGE, 3", STAINLESS	4
5	1000524-24	3/4" HOLD OPEN ARM, 24, 316 SST	2
6	7000041	SLAM LOCK PLUG ASSEMBLY	1
7	1000611	TEE HANDLE, BLADE	1
8	1000740	DATA PLATE	1
9	1165-08-300-FO-C2C2	STAINLESS STEEL GAS SPRINGS, 8" STROKE, 300 LBS	2
10	1000802	TEE NUT PLATE, 1/4-20	2
11	1000027	CAB LOCK S55316RSXX07	1
12	9446K71	LOCK BAR COVERING, GP PVC TUBING, RED	2
13	95611A033	WASHER, 1.25 OD X .562 ID X .05/.07, PVC GREY	2
14	GFI-0809-08	FLANGED BEARING	2
15	1000060	SH SHOULDER SCREW, 3/8"-16 X 1/2" X 4.0 LG 316	2
16	1000656	Shoulder Bolt 1/2x5/8	2
17	1000657	Shoulder Bolt 3/8x 1/2	4
18	1000790-04-16	FLAT HEAD, ALLEN DRIVE, 1/4-20 X 1" LG, 316	8
19	1000843-04	NUT, FLANGE, SELF LOCK 1/4-20, 316	8
20	3LC-2CU8	LOCK COLLAR 1/4" DIA STAINLESS	8
21	C6LB-U8-7	LOCK BOLT STAINLESS 1/4" DIA (3/8" TO 1/2" GRIP RANGE)	8
22	starwasher-04		6
23	1000798-04-08	BUTTON HEAD CAP SCREW, 1/4-20 X .50, 316	6
24	DSS-0604	DRIVE SCREW, #6 X 1/4" LONG, STAINLESS	4

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PORTLAND, OREGON 97232
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DRAWN BY
E.BAILIFF
DATE
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CHECKED BY

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		HATCH ASSEMBLY FLUSH, 60 X 96
PART NUMBER	VSH-300-A-60-96-D-GS	
SUPPLIER		
SCALE	1:16	
REVISION NO.	A	
SHEET NO.	3	OF 3

REV	A	BY	
ISSUED FOR		DATE	
G			
F			
E			
D			
C			
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