

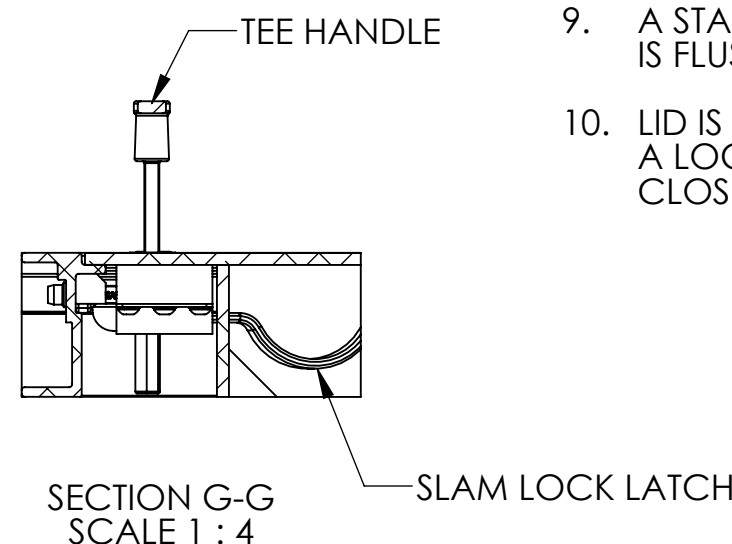
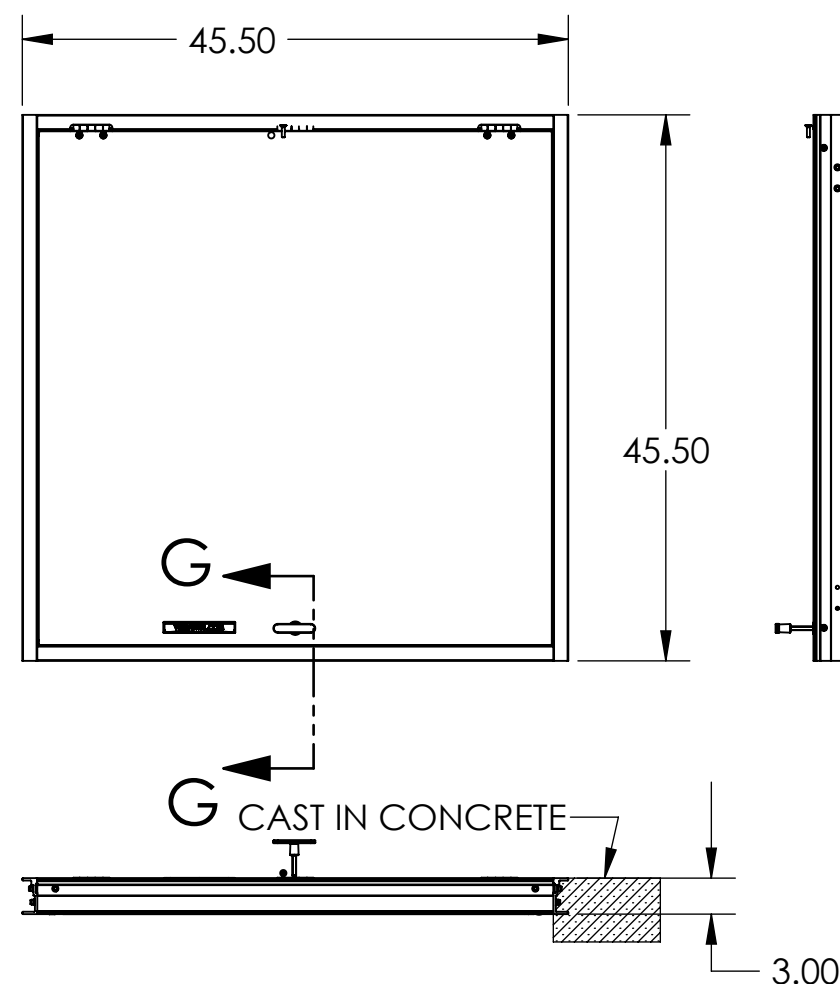
VERSA STEEL

Approval Drawings

300 HATCH ASSEMBLY FLUSH, 42 X 42, TREAD PLATE PEDESTRIAN Assembly No.:VSH-300-A-42-42-S-GS

ASSEMBLY NO./PART NUMBER KEY:

VSH= VERSA STEEL INC. HATCH
300 = SIDWALK, STREET, FLUSH, 300 P.S.F RATED,
A= ALUMINUM CONSTRUCTION
42-42= SIZE INTERIOR OPENING
S = SINGLE LEAF, SLAM LATCH
GS= GAS SPRING ASSIST

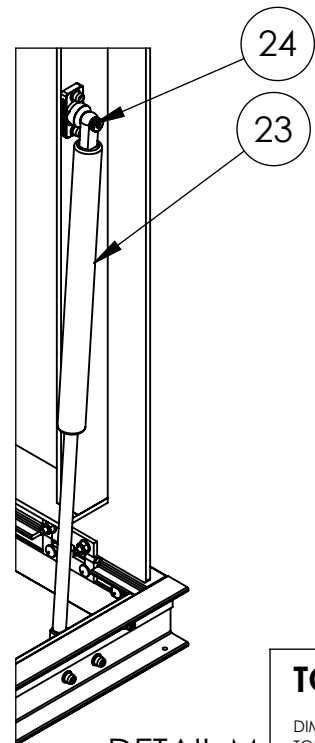
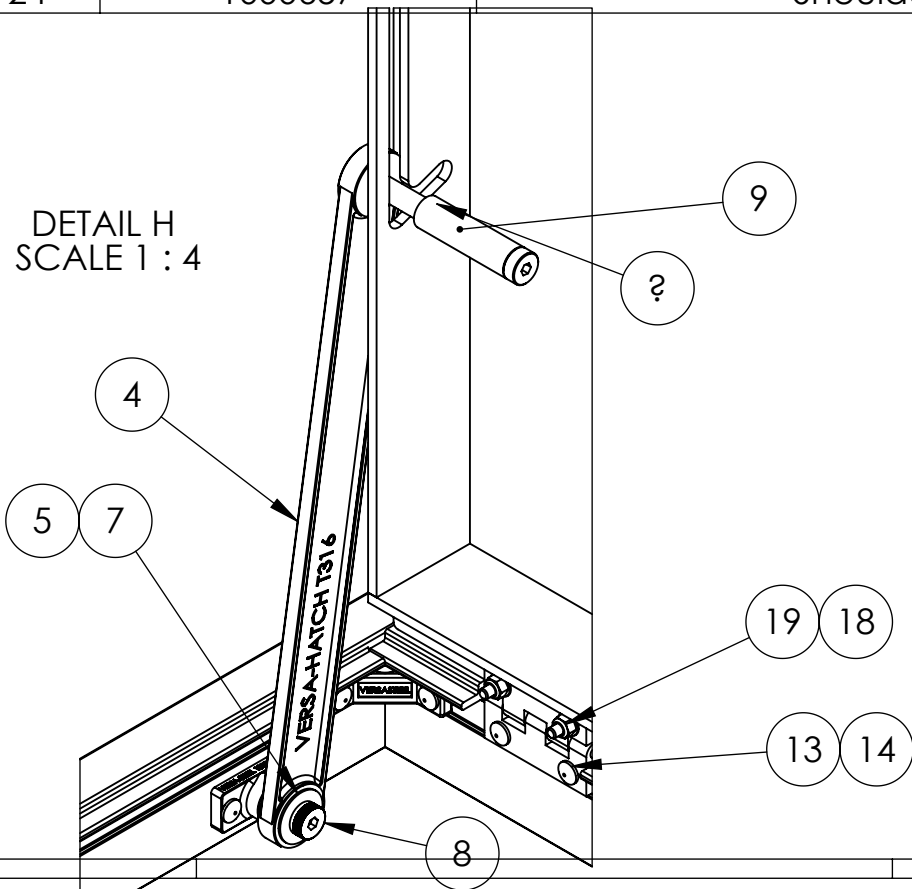
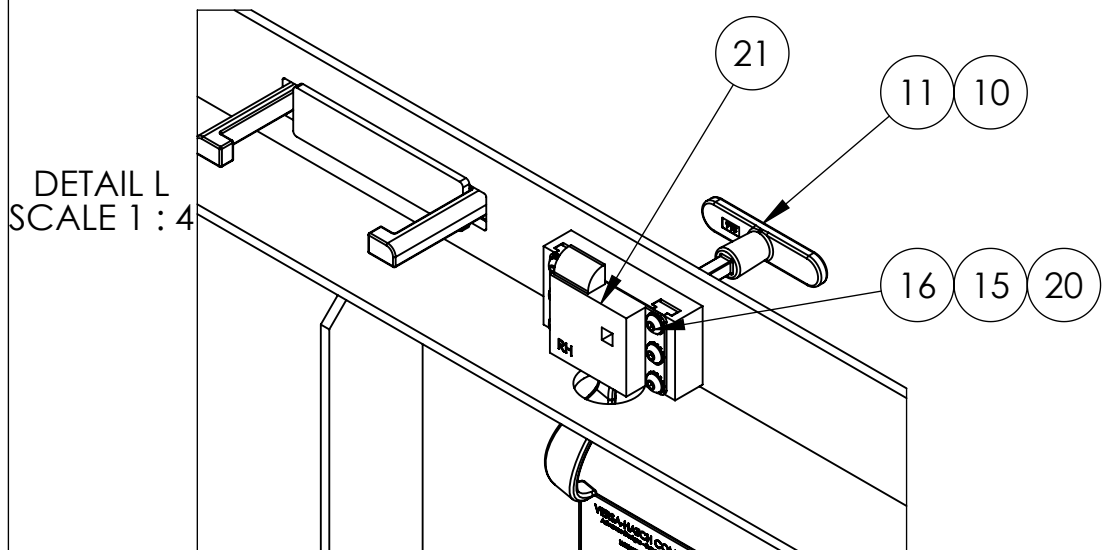
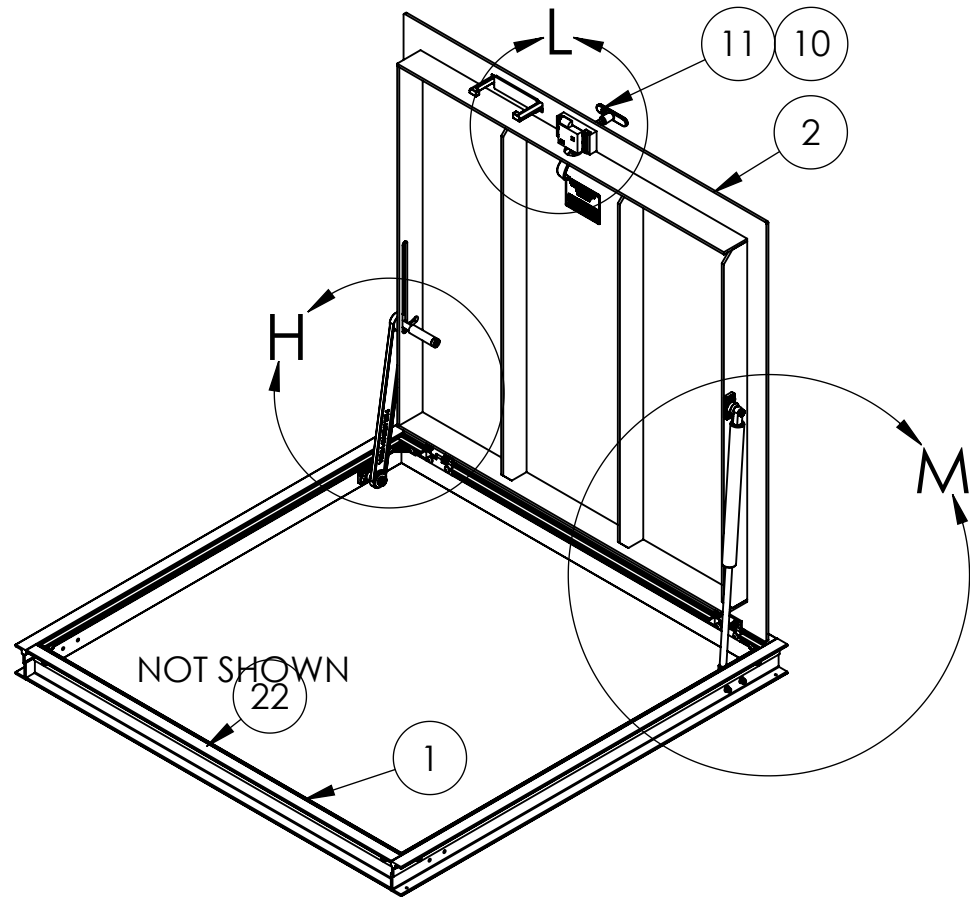


GENERAL SPECIFICATIONS:

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.

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VERSATEEL, INC. 1618 NE FIRST AVENUE PORTLAND, OREGON 97232 (503)287-9822 FAX (503)-287-7483		DRAWN BY E.BAILIFF		DATE 2022-3-28		CHECKED BY		APPROVED BY		MATERIAL		FINISH		SHEET TITLE 300 HATCH ASSEMBLY FLUSH, 42 X 42, TREAD PLATE PART NUMBER: VSH-300-A-42-42-S-GS		PART NUMBER VSH-300-A-42-42-S-GS		SUPPLIER		SCALE 1:16		DRAWING NO. VSH-300-A-42-42-S-GS		REVISION NO. A		SHEET NO. 1 OF 3		G F E D C B A REV		ISSUED FOR		DATE		BY	
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TOLERANCES:
DIMENSIONS ARE IN INCHES
TOLERANCES:
X.XX ± 0.020"
X.XXX ± 0.005"
UNLESS NOTED

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	7000539-42X42	FRAME WELDMENT, FLUSH EXTRUDED 42 X 42	1
2	7000540-42X42-T	LID WELDMENT, FLUSH FRAME 42 X 42, TREAD	1
3	7000014	HINGE, 3", STAINLESS	2
4	1000524-24	3/4" HOLD OPEN ARM, 24, 316 SST	1
5	GFI-0809-08	FLANGED BEARING	1
6	1000060	SH SHOULDER SCREW, 3/8"-16 X 1/2" X 4.0 LG 316	1
7	1000844-08	WASHER, 1/2" ID X .06", NYLON	1
8	1000656	Shoulder Bolt 1/2x5/8	1
9	9446K71	LOCK BAR COVERING, GP PVC TUBING, RED	1
10	7000041	SLAM LOCK PLUG ASSEMBLY	1
11	1000611	TEE HANDLE, BLADE	1
12	1000740	DATA PLATE	1
13	C6LB-U8-7	LOCK BOLT STAINLESS 1/4" DIA (3/8" TO 1/2" GRIP RANGE)	4
14	3LC-2CU8	LOCK COLLAR 1/4" DIA STAINLESS	4
15	1000805-04	WASHER, EXTERNAL STAR, 1/4", 316	6
16	1000798-04-08	BUTTON HEAD CAP SCREW, 1/4-20 X .50, 316	6
17	DSS-0604	DRIVE SCREW, #6 X 1/4" LONG, STAINLESS	4
18	1000790-04-16	FLAT HEAD, ALLEN DRIVE, 1/4-20 X 1" LG, 316	4
19	1000843-04	NUT, FLANGE, SELF LOCK 1/4-20, 316	4
20	1000802	TEE NUT PLATE, 1/4-20	2
21	1000027	CAB LOCK S55316RSXX07	1
22	1000871	LOCK LUG	1
23	1165-10-165-C2C2	STAINLESS STEEL GAS SPRINGS, 10" STROKE, 165 LBS	1
24	1000657	Shoulder Bolt 3/8x 1/2	2

NOTES:
PN: VSH-300-A-42-42-S-GS
DESC: 300 HATCH ASSEMBLY FLUSH, 42 X 42, TREAD PLATE
MATRL:
EST. WT: 82.33
FINISH:
NOTE:
CAD FILE: VSH-300-A-42-42-S-GS-T-APPROVAL

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PORTLAND, OREGON 97232
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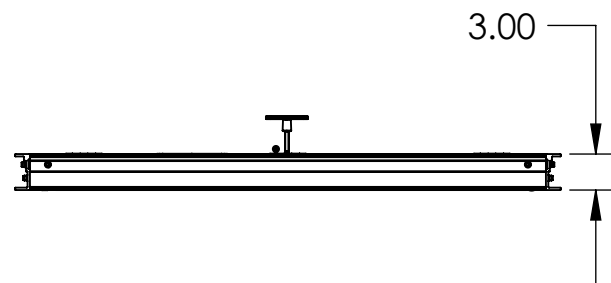
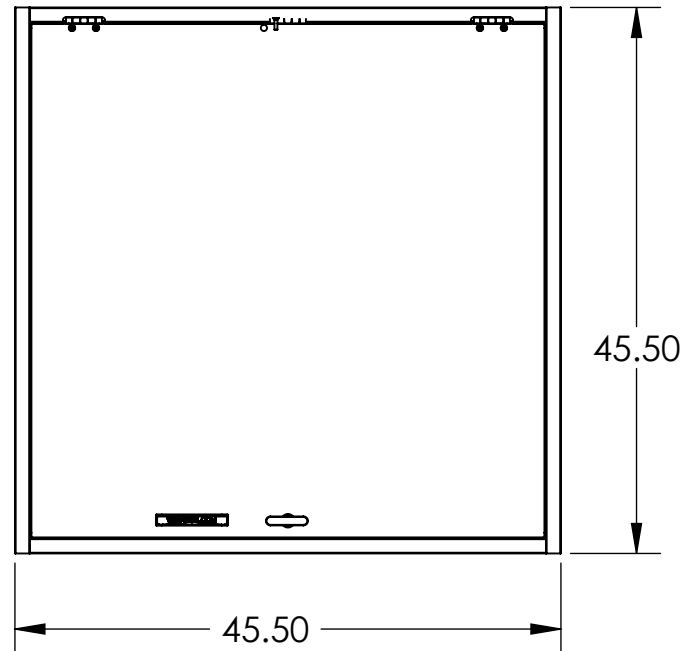
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E.BAILIFF
DATE
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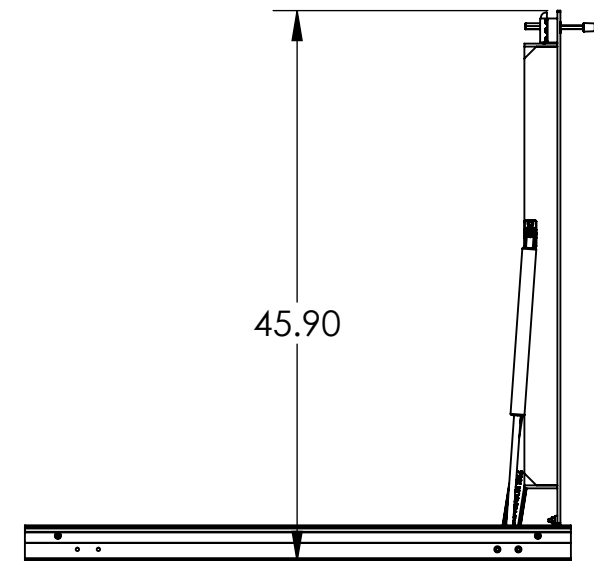
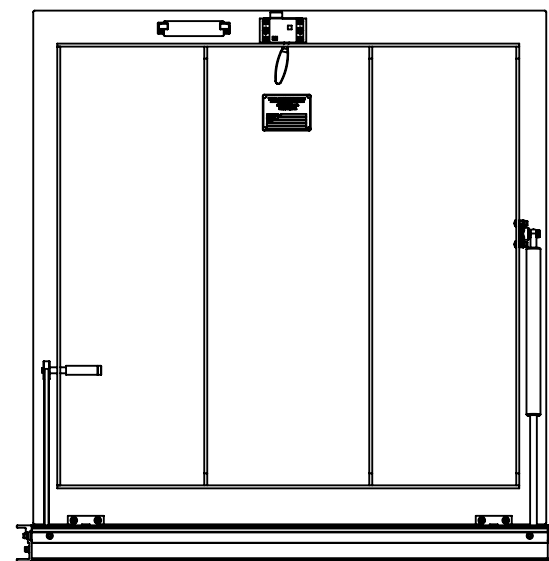
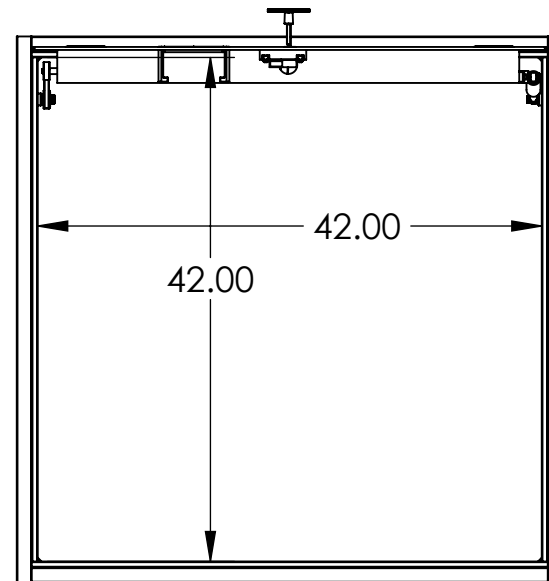
MATERIAL
FINISH
SHEET TITLE
300 HATCH ASSEMBLY FLUSH, 42 X 42, TREAD PLATE
PART NUMBER: VSH-300-A-42-42-S-GS
PART NUMBER
VSH-300-A-42-42-S-GS
SUPPLIER

SCALE
1:16
DRAWING NO.
VSH-300-A-42-42-S-GS-T-AP
REVISION NO.
A
SHEET NO.
2 OF 3

REV
A
B
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D
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DRAWN BY
E.BAILIFF

DATE	2022-3-28
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CHECKED BY	
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APPROVED _____

MATERIAL

FINISH

SHEET TITLE

3300 HATCH ASSEMBLY FLUSH. 42 X 42. TREAD PLATE

PART NUMBER: VSH-300-A-42-42-S-GS

REV	A	B	C	D	E	F	G
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REV _____ ISSUED FOR _____

DATE _____

BY

PART NUMBER	VSH-300-A-42-42-S-GS
SUPPLIER	

SCALE

1:16

DRAWING NO.

VSH-300-A

REVISION NO

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NO. 3 OF 3

S-T-AF