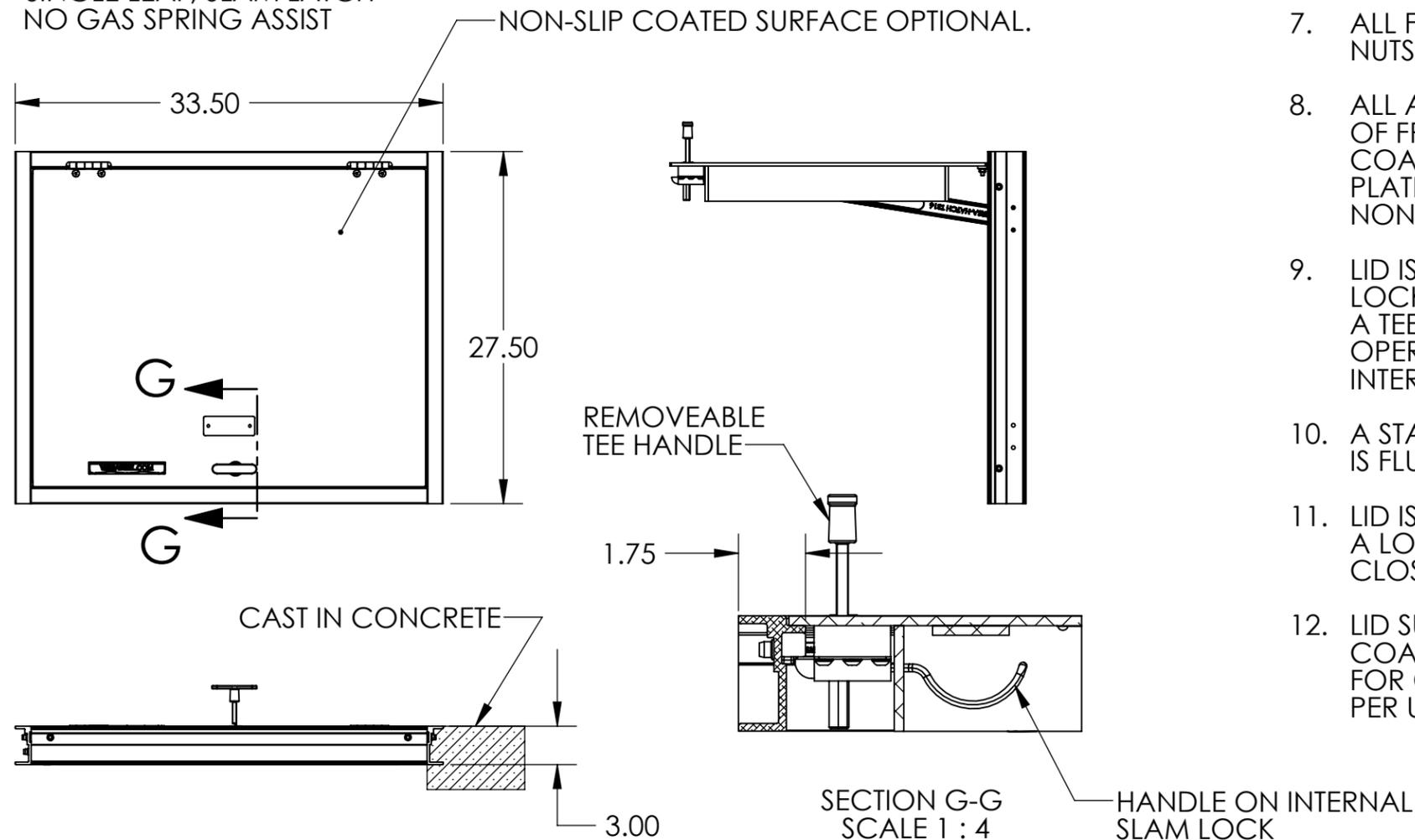


# VERSA STEEL Approval Drawings

## HATCH ASSEMBLY FLUSH, 24 X 30 PEDESTRIAN Assembly No.: VSH-300-A-24-30-NS

ASSEMBLY NO./PART NUMBER KEY:

VSH= VERSA STEEL INC. HATCH  
F300 = SIDWALK, STREET, FLUSH, 300 P.S.F RATED,  
A= ALUMINUM CONSTRUCTION  
24-36= SIZE INTERIOR OPENING  
S = SINGLE LEAF, SLAM LATCH  
NS= NO GAS SPRING ASSIST

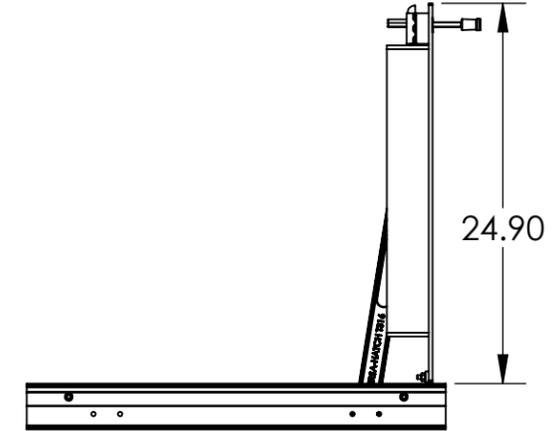
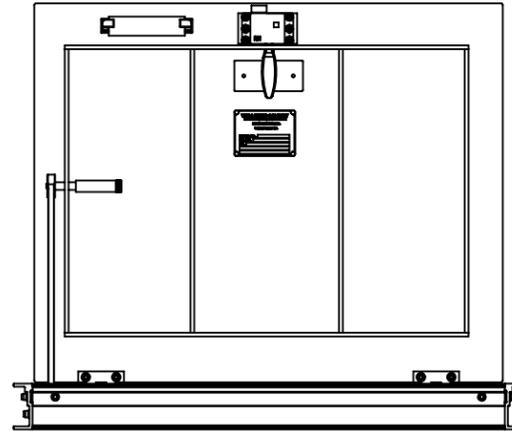
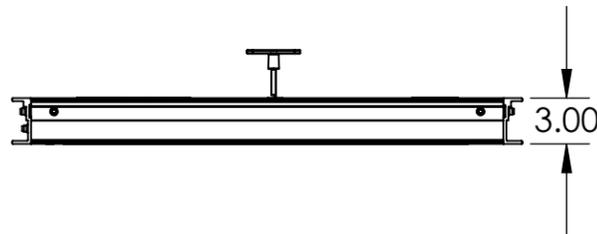
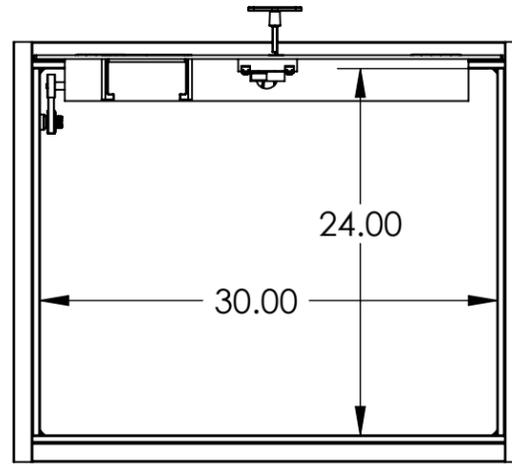
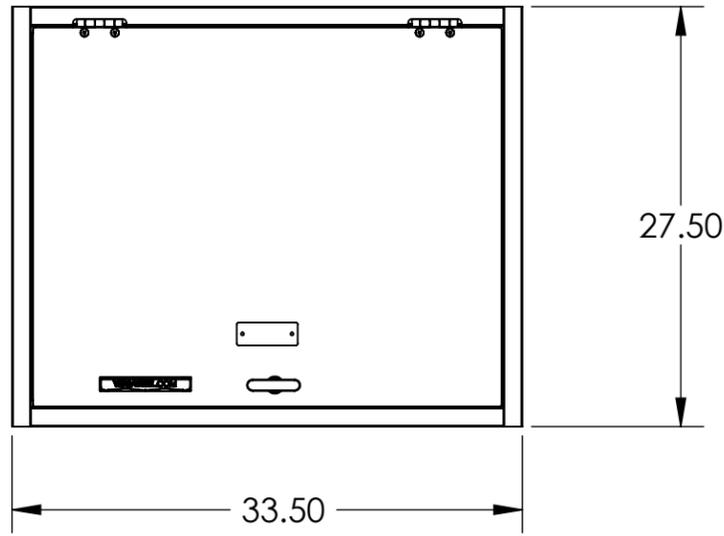


### GENERAL SPECIFICATIONS:

- ASSEMBLY NUMBER F300 HATCH ASSEMBLY MANUFACTURED BY VERSA STEEL INC., PORTLAND, OR., 800-678-0814
- MATERIAL IS 6061-T6 ALUMINUM FOR BARS, AND EXTRUSIONS. 1/4" TREAD PLATE IS 5086.
- UNIT IS DESIGNED FOR 300 P.S.F LOADS.
- UNIT IS DESIGNED TO BE CAST INTO CONCRETE FLOOR OR CURBING. CONCRETE MUST SUPPORT THE F300 RATING FOR PROPER INSTALLATION OF HATCH.
- 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.
- HINGES ARE HEAVY DUTY DESIGN, MATERIAL IS 316 STAINLESS STEEL.
- ALL FASTENERS ARE GRADE 316 STAINLESS STEEL, NUTS ARE SELF LOCKING NYLON INSERT TYPE.
- ALL ALUMINUM IS MILL FINISH WITH THE EXTERIOR OF FRAME THAT CONTACT CONCRETE HAS A COAT OF BLACK BITUMINOUS PAINT. THE TREAD PLATE SURFACE IN SAND BLAST ETCHED FOR NON-SLIP SURFACE IN ADDITION TO TREAD.
- 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.
- A STAINLESS STEEL LIFT HANDLE IS SUPPLIED AND IS FLUSH WITH TOP OF LID WHEN NOT IN USE.
- LID IS HELD OPEN IN A 90 DEGREE POSITION WITH A LOCK OPEN ARM, MANUALLY RELEASED TO CLOSE HATCH.
- LID SURFACE IS AN APPROVED SAFETY COATINGS NON-SLIP SURFACE, PLATE TREATED FOR COEFFICIENT OF FRICTION MINIMUM OF .8 PER UTILITY ACCESS DOOR SPECIFICATION.

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G		F		E		D		C		B		A		REV	ISSUED FOR	DATE	BY
VERSA STEEL, INC. 1618 NE FIRST AVENUE PORTLAND, OREGON 97232 (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, 24 X 30 PART NUMBER VSH-300-A-24-30-NS SUPPLIER																	
SCALE 1:12																	
DRAWING NO. VSH-300-A-24-30-S-NS-SPEC																	
REVISION NO. A																	
SHEET NO. 1 OF 2																	



NOTES:  
 PN: VSH-300-A-24-30-NS  
 DESC: HATCH ASSEMBLY FLUSH, 24 X 30  
 MATRL:  
 EST. WT: 48.08  
 FINISH:  
 NOTE: ERROR!:note  
 CAD FILE: VSH-300-A-24-30-S-NS-SPEC

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FINISH	
SHEET TITLE	HATCH ASSEMBLY FLUSH, 24 X 30
PART NUMBER	VSH-300-A-24-30-NS
SUPPLIER	
SCALE	1:12
DRAWING NO.	VSH-300-A-24-30-S-NS-SPEC
REVISION NO.	A
SHEET NO.	2 OF 2
APPROVED BY	
CHECKED BY	
DATE	2010-9-25
DRAWN BY	E. BAILIFF
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1618 NE FIRST AVENUE	
PORTLAND, OREGON 97232	
(503)287-9822	
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	BY