VERSA STEEL Approval Drawings

HATCH ASSEMBLY FLUSH, 24 X 36 PEDESTRIAN Assembly No.:VSH-300-A-24-36-NS

ASSEMBLY NO./PART NUMBER KEY:

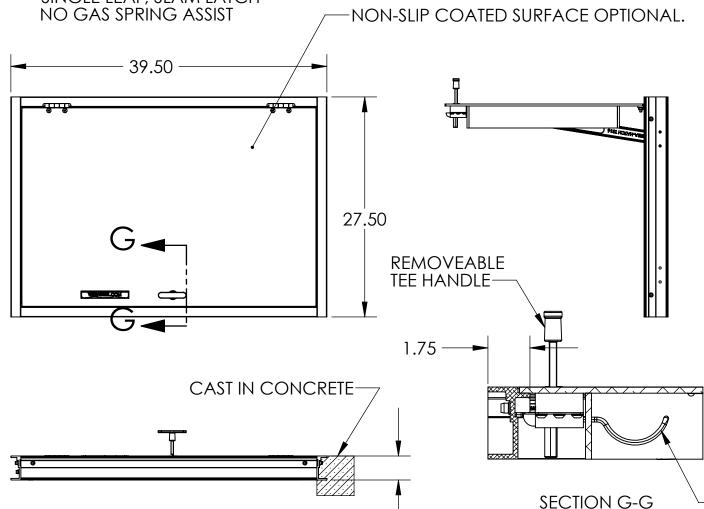
VSH= VERSA STEEL INC. HATCH

Α=

F300 = SIDWALK, STREET, FLUSH, 300 P.S.F RATED,

ALUMINUM CONSTRUCTION

24-36= SIZE INTERIOR OPENING S = SINGLE LEAF, SLAM LATCH NS = NO GAS SPRING ASSIST



3.00

SCALE 1:4

GENERAL SPECIFICATIONS:

- 1. ASSEMBLY NUMBER F300 HATCH ASSEMBLY MANUFACTURED BY VERSA STEEL INC., PORTLAND, OR., 800-678-0814
- 2. MATERIAL IS 6061-T6 ALUMINUM FOR BARS, AND EXTRUSIONS. 1/4" TREAD PLATE IS 5086.
- 3. UNIT IS DESIGNED FOR 300 P.S.F LOADS.
- 4. UNIT IS DESIGNED TO BE CAST INTO CONCRETE FLOOR OR CURBING. CONCRETE MUST SUPPORT THE F300 RATING FOR PROPER INSTALLATION OF HATCH.
- 5. FRAME IS CONTINOUS EXTRUDED CHANNEL 1-5/8" WIDE WITH LEGS TO LOCK INTO CONCRETE FOR THE COMPLETE PERIMETER OF FRAME. EACH CORNER HAS A CORNER RE-ENFORCEMENT CLIP BOLTED IN PLACE.
- 6. HINGES ARE HEAVY DUTY DESIGN, MATERIAL IS 316 STAINLESS STEEL.
- 7. ALL FASTENERS ARE GRADE 316 STAINLESS STEEL, NUTS ARE SELF LOCKING NYLON INSERT TYPE.
- 8. 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.
- 9. 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.
- 10. A STAINLESS STEEL LIFT HANDLE IS SUPPLIED AND IS FLUSH WITH TOP OF LID WHEN NOT IN USE.
- 11. LID IS HELD OPEN IN A 90 DEGREE POSITION WITH A LOCK OPEN ARM, MANUALLY RELEASED TO CLOSE HATCH.
- 12. LID SURFACE IS AN APPROVED SAFETY COATINGS NON-SLIP SURFACE, PLATE TREATED FOR COEFFICIENT OF FRICTION MINIMUM OF .8 PER UTILITY ACCESS DOOR SPECIFICATION.

HANDLE ON INTERNAL

SLAM LOCK

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