## VERSA STEEL

**SPECIFICATION** 

## HATCH ASSEMBLY FLUSH, 54 X 72 PEDESTRIAN

Assembly No.:VSH-300-A-54-72-D-GS

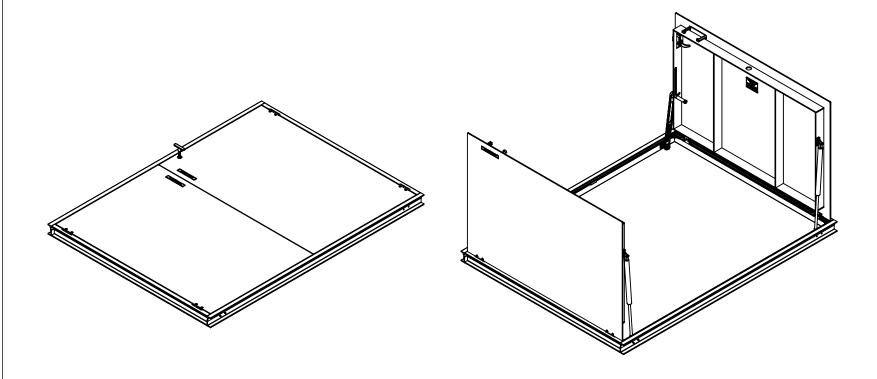
## ASSEMBLY NO./PART NUMBER KEY:

VSH= VERSA STEEL INC. HATCH

300 = SIDWALK, STREET, FLUSH, 300 P.S.F RATED, ALUMINUM CONSTRUCTION

A= ALUMINUM CONSTRUCTION
48-72= SIZE INTERIOR OPENING
D = DUAL LEAF, SLAM LATCH

GS= GAS SPRING ASSIST



## **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.
- S. 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.
- 3. 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.
- P. 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.
  13. GAS SPRING ASSIST ON EACH DOOR MADE
- GAS SPRING ASSIST ON EACH DOOR MADE FROM 316 STAINLESS AND FILLED WITH FOOD GRADE OIL.

