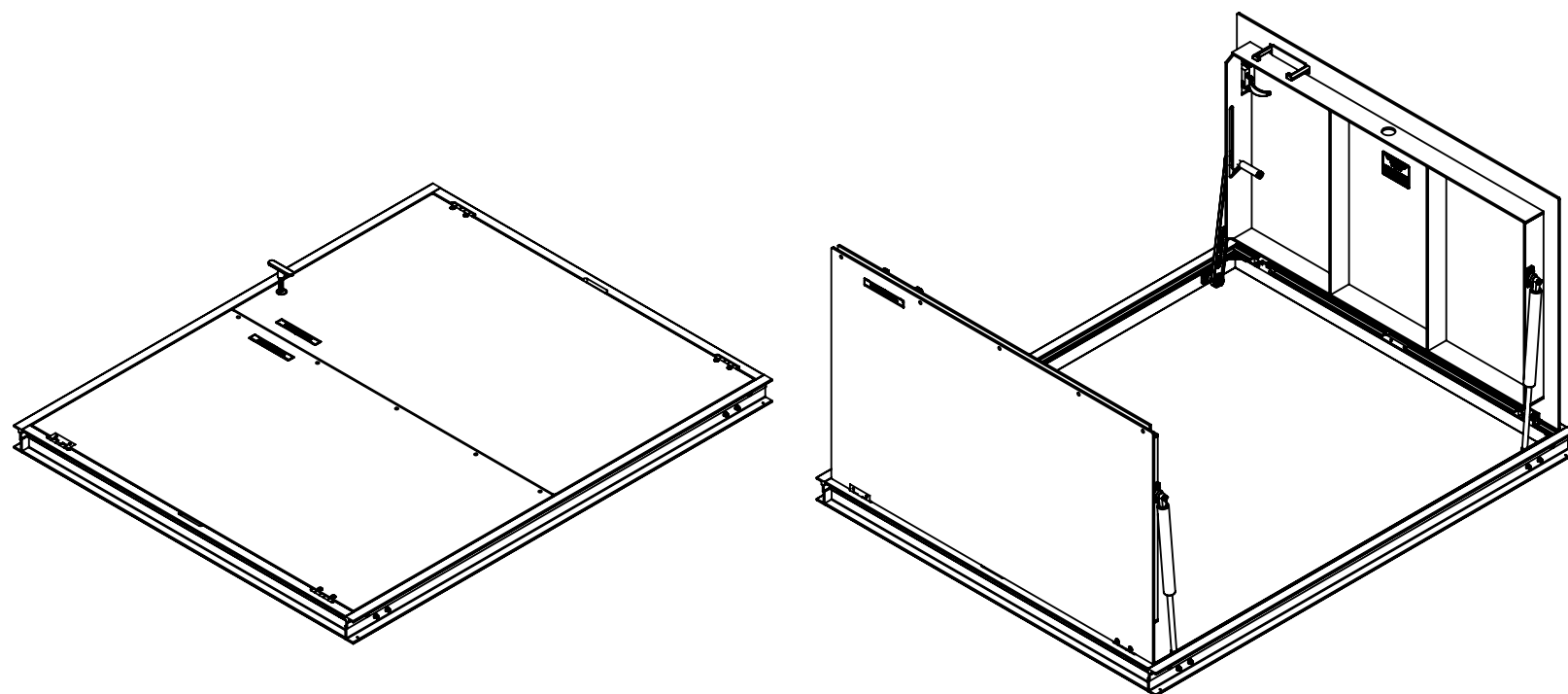# VERSA STEEL
SPECIFICATION

HATCH ASSEMBLY FLUSH, 48 X 60 PEDESTRIAN

Assembly No.:VSH-300-A-48-60-D-GS

ASSEMBLY NO./PART NUMBER KEY:

VSH=   VERSA STEEL INC. HATCH
300 =   SIDWALK, STREET, FLUSH, 300 P.S.F RATED,
A=   ALUMINUM CONSTRUCTION
48-60=   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 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.

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.

REV	DATE	BY
G		
F		
E		
D		
C		
B		
A		

ISSUED FOR

DRAWN BY
E.BAILIFF

DATE
2010-9-25

CHECKED BY

APPROVED BY

MATERIAL

FINISH

SHEET TITLE
HATCH ASSEMBLY FLUSH, 48 X 60

PART NUMBER: VSH-300-A-48-60-D-GS

PART NUMBER
VSH-300-A-48-60-D-GS

SUPPLIER

SCALE
1:20

DRAWING NO.
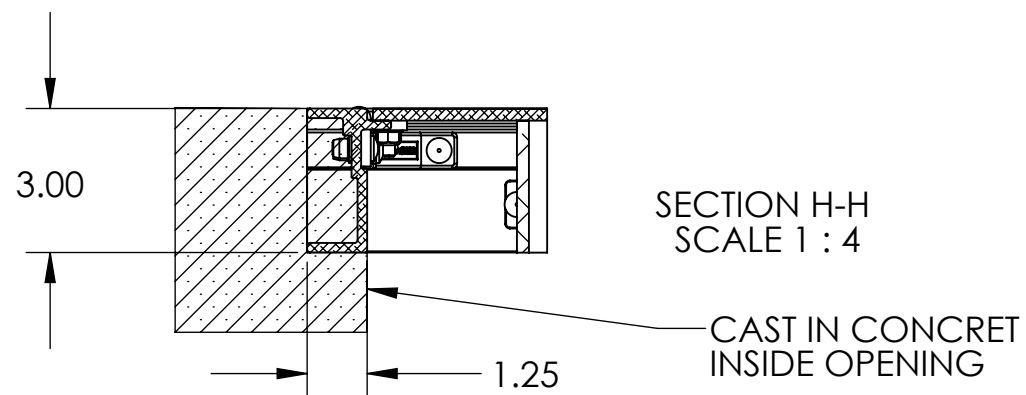VSH-300-A-48-60-D-GS-APPR

REVISION NO.
A

SHEET NO.
1 OF 2

H H

51.50

63.50

48.00
OPENING

60.00
OPENING

3.00

30.40

3.00

1.25

SECTION H-H
SCALE 1 : 4

CAST IN CONCRET
INSIDE OPENING

NOTES:
PN: VSH-300-A-48-60-D-GS
DESC: HATCH ASSEMBLY FLUSH, 48 X 60
MATRL:
EST. WT: 122.68
FINISH:
NOTE:
CAD FILE: VSH-300-A-48-60-D-GS-APPROVAL

VERSA STEEL, INC.
1618 NE FIRST AVENUE
PORTLAND, OREGON 97232
(503)287-9822
FAX (503)-287-7483

REV	ISSUED FOR	DATE	BY
G			
F			
E			
D			
C			
B			
A			

DRAWN BY
E.BAILIFF
DATE
2010-9-25
CHECKED BY

APPROVED BY

MATERIAL

FINISH

SHEET TITLE
HATCH ASSEMBLY FLUSH, 48 X 60

PART NUMBER: VSH-300-A-48-60-D-GS

PART NUMBER
VSH-300-A-48-60-D-GS
SUPPLIER

SCALE
1:16
DRAWING NO.
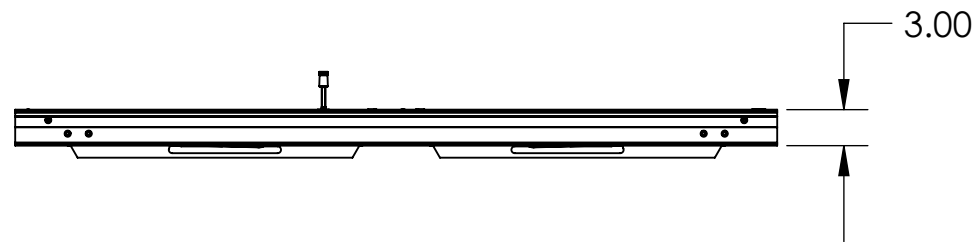VSH-300-A-48-60-D-GS-APPR
REVISION NO.
A
SHEET NO.
2   OF   2