**APPROVED**

Washington State Department of Transportation
HQ Traffic Operations Office

**NOTES:**

1. CUSTOMER IS WSDOT.

2. BOX AND COVER WILL MEET ALL TEST PROVISIONS OF THE ANSI/SCTE 77 TIER 15 LOADING REQUIREMENT.

3. THE COVER MATERIAL WILL MEET ASTM A36 & ASTM A766 REQUIREMENTS. COVER WILL HAVE THE MEBAC COATING OR EQUIVALENT, AND IS TO BE INOCULATED W/ ZINC CHROMATE AFTER FABRICATION.

4. INTERIOR BOX VOLUME IS 6.591 in³.

5. 3/8-7 AUGER BOLTS MEET THE REQUIREMENT FOR ASTM F 595.

6. ALL HARDWARE IS 18-8 STAINLESS STEEL.

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Customer Approval

APPROVED BY: ____________________________

DATE: ____________________________

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**Ground Stud:** 1/4-20 UNC X 1 [25] LONG S.S. HEX HEAD BOLT W/ (2) 1/4-20 S.S. HEX NUTS & (2) #1/4 [6] FLAT WASHERS

**3/8-7 Self Aligning, Replaceable EZ-Nut 2 Places**

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**SECTION A-A**

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WEBCO COATING FOR SKID RESISTANT SURFACE
10.53
32.06
21.06
7/16
31 1/16
2X R.38
4K
SEE NOTE 5
SEE PULL SLOT DETAIL
AREA FOR LOGO MUST BE SMOOTH

GROUNDS STUD 1/4-20 UNC
W/ (2) 1/4-20 X 3 S.S. HEX HEAD BOLT
W/ (2) 1/4-20 X 3 S.S. HEX NUTS
W/ (2) 6/4 FLAT WASHERS

PULL SLOT DETAIL
SCALE: HALF

1/4-20 UNC
1/8-17 UNC

DETAIL 1
SCALE: HALF
2 REQUIRED

NOTES:
1. ALL MATERIAL TO BE ASTM A36 OR EQUIVALENT
2. ALL WELD TO USE E70 SERIES ELECTRODES WELD PENETRATION NOT TO EXCEED 75% OF THINNER MATERIAL
3. PAINTING:
   3.1. DEBURR, CLEAN MILL SCALE & SLAG, AND DEGREASE
   3.2. APPLY SKID RESISTANT COATING AFTER FABRICATION
   3.3. HOT DIP GALVANIZE AFTER COATING
4. THIS COVER IS RATED FOR A DESIGN LOAD OF 15,000 LBS
5. LOGO TO BE 1" HIGH LETTERS USING 1/8" WELD BEAD

STENCIL THE YEAR OF MANUFACTURE
AND W1 WITH 1/8" WELD BEAD

APPROVED
Washington State Department of Transportation
HQ Traffic Operations Office
BY: [Signature] DATE: 5/14/2017

APPROVED
1. MINT:
2. PROD:
3. QUALITY:

PC17285500U-33
PC17285500U53
PC17285500U23
PC17285500U13
PC17285500U43