APPROVED AS NOTED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE March 6, 2009

acceptance of this junction box is based on
materials requirements
and receipt of independent testing laboratory
results stating box meets or exceeds testing criteria.

INCORPORATED
FOG TITE

48" BOND STRAP COPPER BRAIDED WIRE (OPT)

TRIM

4" DIAMOND PLATE COVER

12"

(1)

WASHINGTON WEATHER PROOF COVER

#4 ATSM A706 Grade 60 1

3' OVERLAP ON CORNERS

3/16"-NC 7/8" SS HEX COUPLING NUT W/ 5/16"-NC X 3/4"

SS BOLT AND FLAT WASHER

5/16"-NC 7/8" SS HEX COUPLING NUT W/ 5/16"-NC X 3/4"

SS BOLT AND FLAT WASHER

W1 & W2 PROFILE / 11'112" 30' 2"

W3 PROFILE (W4 SIMILAR) / 1// 2: 4' 2'

#3 ATSM A706 Grade 60 12

100+ psi CONCRETE BIDNESS

30+ psi SOIL DESIGN

49# 5/16" P-314 WHEEL LOAD 9/200 IMPACT

300# MAX. LOAD SUBGRADE: 2" SCA

EXTREME SOIL PRESSURE: 10 psi

WEATHER PROOFS

PAINTED MORTAR: 30 DAY COMPRESSION STRENGTH 28 = 6000 psi

REBAR: #3 ATSM A706 Grade 60 (REINFORCE)

3" DIAMOND PLATE COVER = #6 x 3/8" PEG - 34 lb

SOIL COVER:

#5 #5 SIZE COVER - TOP OF COVER & GRADE

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WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
HQ TRAFFIC OPERATIONS OFFICE

DATE: March 5, 2009

FOG TITE INCORPORATED

APPROVED AS NOTED

DETAIL "A"

EQUIPMENT BONDING JUMPER

LOCK DETAIL

HINGE DETAIL

REINFORCING BAR

LID BOTTOM VIEW

LID TOP VIEW

J-11 Type 8

\( \frac{1}{2} " \) 13 NC X 1 1/2"

Pentagon head bolt

Stainless steel channel nut and spring

\( \frac{1}{2} " \) TYPICAL

HEX COUPLING NUT 5B 5/16 NC X 7/8" WITH 5B 5/16 NC X 3/4" BOLT (TYP)
and flat washer

FRAME STUD 3/16" X 8"

FRAME

2" X 3" X 3/16"