LID (750 lbs)
L-1. DAYTON SUPERIOR COIL LOOP INSERT B-16 3/4" X 4"
W/ CONAC COIL THREADED PLASTIC PLUG
L-2. 24" DIA. HEAVY DUTY RING & COVER
EAST JORDAN PRODUCT NO. 00371101

BASE (2,200 lbs)
B-1. STAINLESS STEEL C-CHANNEL
B-2. 1'6" X 1'6" KNOCKOUT
B-3. 1'0" X 1'0" KNOCKOUT
B-4. GALVANIZED PULLING IRON
B-5. 6" DIA. SUMP
B-6. 2" DRAIN HOLE

NOTE: Side panel has been shifted to show internal view and is not removable.
© 2012 Granite Precasting & Concrete, Inc.
**2 x 3 WSDOT Electrical Vault**

**APPROVED AS NOTED**
Washington State Department of Transportation HQ Traffic Operations Office DATE April 23, 2012 TAT

**JOINT DETAIL C**
SCALE 1/8

**SECTION A-A**

- 2" dia. hole in both sides (typ)
- 1 1/8" x 1 5/8" Stainless Steel C-Channel 1'-6" long
- 1'0" x 1'-0" Knockout (2) each side
- Galvanized Pulling Iron (2) places typ.
- 2" dia. Drain Hole
- 6" Dia. Sump

**VIEW B-B**

- 7/8" dia knockout for ground rod, 2 places (typ.)

**SPECIFICATIONS**
1. Concrete: Fc=5,500 psi @28 days
2. Rebar: ASTM A-615 Grade 60
4. Loads: AASHTO HS-20
5. Backfill with granular free draining material (sand or pea gravel) free of stones or cobbles greater than 4" in dia. Backfill to be placed in 6" lifts to a minimum of 95% of Proctor Density.
6. Holes cored to plan specifications.
7. Install lid prior to backfill.
**2 x 3 WSDOT HD Electrical Vault**

**APPROVED**
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE April 23, 2012

**L** LID (600 lbs)
L-1. DAYTON SUPERIOR COIL LOOP INSERT B-16 3/4" X 4"
W/ CONAC COIL THREADED PLASTIC PLUG
L-2. 24" DIA. HEAVY DUTY RING & COVER
EAST JORDAN PRODUCT NO. 00371101

**B** BASE (2,200 lbs)
B-1. STAINLESS STEEL C-CHANNEL
B-2. 1'-6" X 1'-6" KNOCKOUT
B-3. 1'-0" X 1'-0" KNOCKOUT
B-4. GALVANIZED PULLING IRON
B-5. 6" DIA. SUMP
B-6. 2" DRAIN HOLE

**INTERIOR DIMENSIONS:**
2'-0"W x 3'-0"L x 2'-7 1/2"H

**NOTE:** Side panel has been shifted to show internal view and is not removable.

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SPECIFICATIONS
1. Concrete: fc=6,500 psi @28 days
2. Rebar: ASTM A-615 Grade 60
4. Loads: AASHTO HS-20
5. Backfill with granular free draining material (sand or pea gravel) free of stones or cobbles greater than 4" in dia. Backfill to be placed in 6" lifts to a minimum of 95% of Proctor Density.
6. Holes cored to plan specifications.
7. Install lid prior to backfill.
1. CONCRETE STRENGTH 6,500 PSI
2. REINFORCING:
   BAR: ASTM A615, GRADE 60
   WWR: ASTM A185, GRADE 65
3. DESIGN PER ASTM C937 & AC318
4. 45,000 lb. SERVICE LIVE LOAD
   60,000 lb. PROOF LOAD.
5. EARTH FILL: AT GRADE
6. WATER TABLE AT LEAST 2'-6" BELOW GRADE
7. 50 PSF LATERAL EARTH PRESSURE WITH
   100 PSF LIVE LOAD SURCHARGE.
8. 1" BAR COVER U.N.O.
9. PROVIDE 4X4 W/28'28.9 (MIN.) WWR
   CENTERED IN ALL KNOCKOUTS. EXTEND
   6" MIN. BEYOND KNOCKOUT IN ALL DIRECTIONS.
2 x 3 WSDOT HD Electrical Vault

LID (750 lbs)
L-1. DAYTON SUPERIOR COIL LOOP INSERT B-16 3/4" X 4"
W/ CONAC COIL THREADED PLASTIC PLUG
L-2. 24" DIA. HEAVY DUTY RING & COVER
EAST JORDAN PRODUCT NO. 00371101

BASE (2,200 lbs)
B-1. STAINLESS STEEL C-CHANNEL
B-2. 1'-6" X 1'-6" KNOCKOUT
B-3. 1'-0" X 1'-0" KNOCKOUT
B-4. GALVANIZED PULLING IRON
B-5. 6" DIA. SUMP
B-6. 2" DRAIN HOLE

INTERIOR DIMENSIONS:
2'-0"W x 3'-0"L x 2'-7 1/2"H

NOTE: Side panel has been shifted to show internal view and is not removable.
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**SPECIFICATIONS**

1. Concrete: $f_c = 6,500$ psi @ 28 days
2. Rebar: ASTM A-615 Grade 60
4. Loads: AASHTO HS-20
5. Backfill with granular free draining material (sand or pea gravel) free of stones or cobbles greater than 4" in dia.
   Backfill to be placed in 6" lifts to a minimum of 95% of Proctor Density.
6. Holes cored to plan specifications.
7. Install lid prior to backfill.
2 x 3 WSDOT HD Open Bot. EV

APPROVED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE April 23, 2012

L LID (750 lbs)
L-1. DAYTON SUPERIOR COIL LOOP INSERT B-16 3/4" X 4"
W/ CONAC COIL THREADED PLASTIC PLUG
L-2. 24" DIA. HEAVY DUTY RING & COVER
EAST JORDAN PRODUCT NO. 00371101

B BASE (2,200 lbs)*
B-1. STAINLESS STEEL C-CHANNEL
B-2. 1'-6" X 1'-6" KNOCKOUT
B-3. 1'-0" X 1'-0" KNOCKOUT
B-4. BLOCKOUT (OPEN BOTTOM)

*Weight Varies. To be Verified.

NOTE: Side panel has been shifted to show internal view and is not removable.

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4116 BAKERVIEW SPUR • BELLINGHAM, WA 98226 • (360) 671-2251 • 1-800-808-2251 • FAX: (360) 671-0750
2 x 3 WSDOT HD Open Bot. EV

SECTION A-A

SPECIFICATIONS
1. Concrete: Fc=6,500 psi @28 days
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4. Loads: AASHTO HS-20
5. Backfill with granular free draining material (sand or pea gravel) free of stones or cobbles greater than 4" in dia. Backfill to be placed in 6" lifts to a minimum of 95% of Proctor Density.
6. Holes cored to plan specifications.
7. Install lid prior to backfill.
PRODUCT NUMBER
NPR10-590B

DESIGN FEATURES
MATERIALS
COVER-DUCTILE IRON
ASTM A536
FRAME-GRAY IRON
ASTM A48 CL358

DESIGN LOAD
HEAVY DUTY

COATING
UNDIPPED

OPEN AREA
N/A

DESIGNATES MACHINED SURFACE

PLAN VIEW
(1) 1" DIA PICKHOLE
(3) 1/2-13 SS PENT BOLT, 75 W/ 1/2" ZINC (NARROW) WASHERS
3" ENGRAVED LETTERING
CUSTOM LOGO
(WITH 1/4" FLAT FACE LETTERING FLUSH)

COVER SECTION
25" DIA
2 1/2"

FRAME SECTION
33 5/8" DIA
25 1/4" DIA
23 5/8" DIA
25 3/8" DIA
1"
4"
CORED HOLES FOR REBAR TYP (4) PLACES

APPROVED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE May 10, 2010

REFERENCE INFORMATION
00371113
00371124

DRAWING DETAILS
ORIGINAL DRAWING: DEF 03/18/10
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