**CHECK REQUIRED SPECIFICATION**

<table>
<thead>
<tr>
<th>STANDARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>WSDOT / STATE CONTRACT NUMBER</td>
</tr>
<tr>
<td>SLIPNOT</td>
</tr>
<tr>
<td>GALVANIZED DIAMOND PLATE</td>
</tr>
<tr>
<td>BLACK</td>
</tr>
</tbody>
</table>

**GENERAL NOTES:**
- LID TO BE TRAVIS INDUSTRIES PRODUCT, PART NUMBERS:
  - 716-T802 - DIAMOND PLATE 716-80120
  - 71659832 - SLIPNOT 716-80120
- FRAME PART #
  - 716-T801 - DIAMOND PLATE 716-80331 - SLIPNOT
- CONCRETE WITH FIBERMESH REINF.
- f'c @ 28 DAYS = 4000 PSI
- LID AND FRAME SHALL BE HOT-DIPPED GALVANIZED PER 9-29.21A

**GENERAL NOTES:**
- GALVANIZING ONLY REQUIRED FOR SLIPNOT LIDS AND FRAME; GALVANIZING DIAMOND PLATE IS OPTIONAL.

**APPROVED AS NOTED**
Washington State Department of Transportation
HQ Traffic Operations Office

**Phone:** (509) 884-6644
**Fax:** (509) 884-4567
**Web:** www.h2precast.com
© 2007 H² Pre-Cast Inc.
This assembly is constructed and tested to conform with WSDOT Standard Specification 6-29-2(2), Standard Duty Junction Boxes.
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(1), Standard Duty Junction Boxes.

Approved as noted
Washington State Department of Transportation
HQ Traffic Operations Office

By: [signature]

DATE: 6/11/15

FRAME, WELD ASSEMBLY

Prepared for HP PRECAST INC.

FRAME, WELD FRAME

This drawing created for manufacturing reference only and is not intended to replace HP PRECAST INC. drawings or specifications of the referenced parts.
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.

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WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
6/11/15

APPROVED AS NOTED
Washington State Department of Transportation
HQ Traffic Operations Office

TYPE 8 WELDED FRAME - WELD LOCATIONS

PREPARED FOR HP PRECAST INC.
This assembly is constructed and tested to conform with WSDOT Standard Specification 6-99-202, Standard Duty Junction Boxes.

The drawing created for manufacturing, Fabrication Inspection, and Testing (FIT) drawings and specifications of the referenced part, CAD Führung:

TYPE 8 HANDLE WELD ASSY

APPROVED AS NOTED

Washington State Department of Transportation
HQ Traffic Operations
DATE: 9/2/15

REV: B

MODIFIED DRAWING

NOTE: DRAWING IS FOR MANUFACTURING, FABRICATION, AND TESTING (FIT) DRAWINGS AND SPECIFICATIONS OF THE REFERENCED PART. CAD CREATING DRAWING: TYPE 8 HANDLE WELD ASSY

3/16

1/4
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(1), Standard Duty Junction Boxes.

TYPE 8 DOOR ASS'Y - HINGE SLIDE ORIENTATION

APPROVED AS NOTED
Washington State Department of Transportation
HQ Traffic Operations Office

Prepared for H PRECAST INC.

DOOR, TYPE 8
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29-2(2), Standard Duty Junction Boxes.

KEEP WELD CLEAR OF
THIS VIRTUAL LINE

3/16" 3/8"
3/8" BOTH SIDES
OF CORNER

248 REF

190 REF

2 101-00047 NUT, HEX(HEAVY) 1/2-13 316SS 1
1 716-L002 LOCK LATCH A36HR 1

PARTS LIST

Holes ± 0.030
Screw ± 0.000
Angles ± 1.0°

LOCK TAB WELD ASSY

PRECAST INC.

APPROVED AS NOTED
Washington State Department of Transportation
HQ Traffic Operations Office

PREPARED FOR PRECAST INC.

REV: A

DRAWN BY: A

PROGRAM NO.: 700-00003
DATE CREATED: 4/2014

SCHIZ HOPE: CAD A: 700-009A

PAGE 1 OF 1
This assembly is constructed and tested to conform with WSDOT Standard Specification 0-20-2(2), Standard Duty Junction Boxes.

6-29-2(1)

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Washington State Department of Transportation
HQ Traffic Operations Office

DATE: 6/11/15

1/2 DIAMOND PLATE / SLIPNOT- 42.000 X 30.000

FRAME: TYPE B J BOX

UNIVERSAL DWG:
716-T801 (DIAMOND PLATE)
716-S0031 (SLIPNOT PLATE)

PREPARED FOR HP PRECAST INC.

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This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.21(1). Standard Duty Junction Boxes.

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This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2) Standard Duty Junction Boxes.

9-29.2(1)

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This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2) Standard Duty Junction Boxes.

9-29.2(1)

FORMED DETAILS

FLAT PATTERN

10 GA HR - 7.948 X 1.375

(4) REC'D

X = .216 @ 90° .125 R

APPROVED AS NOTED
Washington State Department of Transportation
HQ Traffic Operations Office

Prepared for HP PRECAST INC.
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.

Prepared for HP PRECAST INC.
Hinge Slide: Type B Box

1/4 HR - 4.000 x 1.000
(8) REQ'd

APPROVED AS NOTED
Washington State Department of Transportation
HQ Traffic Operations Office
BY: [Signature] DATE: [Date]

[Diagram with dimensions and notes]
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.

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Washington State Department of Transportation
HQ Traffic Operations Office

Prepared for HP PRECAST INC.
HANDLE PLATE: TYPE 8 J BOX

1/4 HR - 6.125 X 3.073
(2) REQ'D

12/1/15

9.29.2(1)
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.

9-29.2(1)

This drawing is created for manufacturing reference only and is not intended to supercede HP PRECAST INC. drawings or specifications of the referenced part.
This assembly is constructed and tested to conform with WSDOT Standard Specification 0-29.2(2), Standard Duty Junction Boxes. 9-29.2(1)

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PRECAST INC.

CHANNEL, C - 2 x 1 x 3/16 x 38.500 LONG

C-CHANNEL FRONT; TYPE 8 J BOX

APPROVED AS NOTED
Washington State Department of Transportation
HQ Traffic Operations Office

DATE: 11/22/12

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This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.

APPROVED AS NOTED
Washington State Department of Transportation
HQ Traffic Operations Office
BY: DATE: 6/11/15

CHANNEL, C - 2 x 1 x 3/16 x 24.313 LONG
(2) REQ'D
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.

9-29.2(1)

This drawing created for manufacturing reference only and is not intended to supersede HP PRECAST INC. drawings or specifications of the referenced part.

3/16 HR \( \times 38.500 \times 3.351 \)
\[ x = 0.325 \at \ 90^\circ \ 0.188 \ R \]

APPROVED AS NOTED
Washington State Department of Transportation
HQ Traffic Operations Office

DATE: 6/11/15

PREPARED FOR HP PRECAST INC.
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(1), Standard Duty Junction Boxes.

1/2 ROUND ROD - 12.000' LONG
(2) PLS

APPROVED AS NOTED
Washington State Department of Transportation
HQ Traffic Operations Office

Prepared for H PRECAST INC.
HANDLE: TYPE 8 J BOX

THE DRAWING CREATED FOR MANUFACTURING REFERENCE ONLY AND IS NOT INTENDED TO SUPPLEMENT H PRECAST INC. DRAWINGS OR SPECIFICATIONS OF THE REFERENCED PART.

Alger G. Novak
PRECAST NATIONAL ASSOCIATION
6/11/15
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(3), Standard Duty Junction Boxes.

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BREAK EDGE (1/16" CHAMFER) TOP / EXTERIOR EDGES ONLY. (3X) EDGES.

FORMED DETAILS

1.500 ± .045
2.400 ± .045
6/11/15

.575 X .755 ± .030 OBROUND

2.000 ± .045
1.000 ± .045
.678 ± .045
3.575 ± .045

3/16HR - 3.575 X 2.000 X = .325 @ 90° .188 R

LATCH HOUSING, TYPE B J BOX

APPROVED AS NOTED
Washington State Department of Transportation
HQ Traffic Operations Office

Prepared for HP PRECAST INC.
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(1) Standard Duty Junction Boxes.

This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(1) Standard Duty Junction Boxes.

1.600±0.045

2.500±0.045

3/16 HR - 2.500 x 1.600 (2) PLS

APPROVED AS NOTED
Washington State Department of Transportation
HQ Traffic Operations Office
BY: [Signature]
DATE: [Signature]
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.4(2), Standard Duty Junction Boxes.

- Dimensions: 1/4" HR - 1.813 X 1.250

- Applicable Notes:
  - APPROVED AS NOTED
  - Washington State Department of Transportation
  - HQ Traffic Operations Office
  - DRAWN BY: [Signature]
  - DATE: [Signature]

Prepared for HP PRECAST INC.

LOCK LATCH

- Reference: 716-L092
- Scale: HOME CAD
- Notes: 7/11/15
- Scale: 1/4" = 1'0"
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(c), Standard Duty Junction Boxes.

(2) PLS 3/16

0.30 REF

FORMED DETAILS

FLAT PATTERN

12 GA HR - 3.005 x 2.570
X = 0.175 @ 90° .090 R
(1) REQ'D

APPROVED AS NOTED
Washington State Department of Transportation
HQ Traffic Operations Office

Prepared for HP PRECAST INC.
LATCH GUIDE  

THIS DRAWING CREATED FOR MANUFACTURING REFERENCE ONLY
AND IS NOT INTENDED TO SUPERSEDE HP PRECAST INC. DRAWINGS OR SPECIFICATIONS OF THE REFERENCED PART.

HOLE S ± 0.005
X, Y ± 0.008
ANGLES ± 1.0°

SCALE 1.00 IN CAD # CAD R16 716-L004

1069 A 26021

DATE: 6/11/15

6/10/14 DK

REDESIGNED, SHORTENED, ADDED SIDE FLANGES.
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29-2(1), Standard Duty Junction Boxes.

1/2 RB 316 SS - 3.000 LONG
(4) REQD

0.045 X 45° CHAMFER
(2) PLS

0.090 ± 0.005

3.000 ± 0.015

0.500

0.395

Approved by:

Washington State Department of Transportation
HQ Traffic Operations Office

Prepared for HP PRECAST INC.

Hinge Pin, Large
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(3), Standard Duty Junction Boxes.

9-29.2(1)

Approved as noted

Washington State Department of Transportation
HQ Traffic Operations Office
By: [Signature]

1/2 RB 316 SS - 1.500 LONG
(4) REQ'D

Prepared for HP Precast Inc.

Prepared: [Signature]

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