GENERAL NOTES:
- LID TO BE PER TRAVIS INDUSTRIES PRODUCT, PART NUMBERS:
  716-S0120-700-00001 (DP) - DIAMOND PLATE
  716-S0121-700-00003 (SN) - SLIPNOT
- FRAME PART #: 700-00003 (DP) - DIAMOND PLATE 716-WSDOT101 (SN)
  716-S0028-700-00003 (SN) - SLIPNOT
- CONCRETE WITH FIBER-MESH REINF.
- Fc @ 28 DAYS = 4000 PSI
- NOTE: GALVANIZING ONLY REQUIRED FOR SLIPNOT LID AND FRAME; GALVANIZING DIAMOND PLATE IS OPTIONAL.

LID AND FRAME PER TRAVIS INDUSTRIES

LID ASSEMBLY DRAWING: 700-00131 (DP); 700-00132 (SN)
FRAME ASSEMBLY DRAWING: 700-00003 (DP); 700-00035 (SN)

GENERAL NOTES:
- THIS ASSEMBLY IS CONSTRUCTED AND TESTED TO CONFORM WITH WSDOT STANDARD SPEC. 9-29-2(1), STANDARD DLTY JUNCTION BOXES 9-29-2(1)

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

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 8-29.2(2) Standard Duty Junction Boxes 9-29.2(1)

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

REV. | DESCRIPTION | DATE | DETAILS
--- | --- | --- | ---
A | MODIFIED LATCH GUIDE & WELDING | 7/14 | DK

PRECAST INC.
FRAME WELD ASSY, TYPE JBOX WSDOT

PREPARED FOR:

FRAME DETAILS

ASSY DETAILS

UNIVERSAL DRAWING:
700-00003 3/8"DP
700-00032 3/8"GN

HOLES ±0.030
100X ±0.050
ANGLES ±1.0°
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-59-869, Standard Duty Junction Boxes.

<table>
<thead>
<tr>
<th>PARTS LIST</th>
</tr>
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<tbody>
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**WELD DETAILS**

- 3/16" WELD STUD, 3/8"x3-1/8 to 7/8"x3.750 LONG
- 2" OUT FROM WELD STUD, (14) PLS
- 1 3/16" 25 FROM EDGE, (4) PLS
- 2 3/16" 1 FROM EDGE, (2) PLS
- 3/16" 1"

**APPROVED AS NOTED**

Washington State Department of Transportation
HQ Traffic Operations Center

PRECAST INC.

Welding and fabrication details are specified in the drawing. The assembly is constructed and tested to conform with WSDOT Standard Specification 9-59-869, Standard Duty Junction Boxes.

Prepared for HP PRECAST INC.

FRAME WELD ASSY, TYPE I-J BOX WSDOT

**FRAME WELD ASSY, TYPE I-J BOX WSDOT**

- **HOLE**:
  - Ø 3/32
  - Ø 0.060
  - ANGLE 1.0°

- **DRAWN BY**: SKY/01/2014
- **DATE CREATED**: 6/29/14
- **PRODUCED BY**: HP PRECAST INC.
- **DATE**: 6/29/14

**NOTICE**: This drawing created for manufacturing/reference only and is not intended to supersede HP PRECAST INC. drawings or specifications of the referenced part.
This assembly is constructed and tested to conform with WSDOT Standard Specification 0-03A(4), Standard Duty Junction Boxes.

- **REV**: A
- **DESCRIPTION**: ADDED CHAMFER NOTE
- **DATE**: 7/14
- **INITIALS**: DK

**PRECAST INC. DRAWING**

- **FRAME, TYPE I**
- **FRAME, TYPE I**
- **WSDOT - TYPE I J-BOX 716-WSDOT101 (DIAMOND PLATE)**
- **WSDOT - TYPE I J-BOX 716-50028 (SLIPNOT PLATE)**
- **WSDOT - TYPE I J-BOX**

**APPROVED AS NOTED**

Washington State Department of Transportation
HQ Traffic Operations Office

**3/8 DIAMOND PLATE / SLIPNOT (ASTM A786 FLOOR PLATE)**

- **DIMENSIONS**:
  - Width: 21.938 ± 0.045
  - Length: 16.938 ± 0.045

**NOTES**:

- **BREAK EDGE**
  - (1/16" CHAMFER)
  - TOP / SURFACED
  - EXTERIOR EDGE ONLY

**REFERENCES**:

- **NOTE**: 1/16" CHAMFER
- **NOTE**: TOP / SURFACED
- **NOTE**: EXTERIOR EDGE ONLY

**DOCUMENT INFORMATION**

- **DRAWN BY**: [Signature]
- **DATE CREATED**: 5/31/20
- **REVISED**: A
- **DESIGN**: A
- **PROGRAM NUMBER**: 716-WSDOT101
- **SCALE**: [Scale]
This assembly is constructed and tested to conform with WSDOT Standard Specification R-964(9), Standard Duty Junction Boxes.

**3/16 THICKNESS WAS 1/4.**

**UPDATED DESCRIPTION.**

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

**DIAM. 15**

ANGLE, 1-1/2 x 1-1/2 x 3/16 x 5.000 LONG

PREPARED FOR H PRECAST INC.

FRAME ANGLE:
1-1/2 x 1-1/2 x 3/16 x 5.000 LONG

HOLE(S) ± 0.030
K.00 ± 0.050
ANGLES ± 1.0°

PREPARED BY:
DATE: 5/14

REVISION:
DATE: 6/11/15

1.000 REF

1.000 REF

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

This drawing created for manufacturing reference only and is not intended to supersede HP Precast Inc. drawings or specifications of the referenced part.
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-99(65), Standard Duty Junction Boxes.

3/16 THICKNESS WAS 1/4.

UPDATED DESCRIPTION.

PRECAST INC.

FRAME ANGLE, 1-1/2 x 1-1/2 x (1-3/16) x 13.500 LONG
(2) REQ'D

ANGLE, 1-1/2 x 1-1/2 x (1-3/16) x 13.500 LONG

PREpared for HP PRECAST INC.

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
HQ Traffic Operations Office

APPROVED AS NOTED

Washington State Department of Transportation
HQ Traffic Operations Office

DATE: 1/20/2020

REV 211-02166

DATE CREATED: 6/7/14

DRAWN BY A

CHECKED BY A

PROGRAM NUMBER 211-02166

SHEET 1 of 1

SCALE: 1" = 1'-0" CAD: 7/18/2002A

RACIAL NUMBER

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

HOLES ±0.030
X:000 ± 0.000
ANGLES ±1.0

0.000
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-20-029, Standard Duty Junction Boxes.

---

**FORMED DETAILS**

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

- **FLAT PATTERN**
  - 3/16HR - 4.800 X 2.000
  - X = .325 @ 90° .188 R
  - (1) REQ'D

---

**APPROVED AS NOTED**

Washington State Department of Transportation
HQ Traffic Operations Office

Prepared for HP PRECAST INC.

LATCH HOUSING

---

**SCALE**: 1" = 1'-0"

---

**NOTE**: This drawing is not intended to supersede HP PRECAST INC. drawings or specifications of the referenced part.
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-09-2(2), Standard Duty Junction Boxes 9-25-2(1).

(2) PLS
3/16
0.030 REF

FORMED DETAILS

12 GA HR - 3.095 X 2.570
X = 0.175 @ 90° .090 R

FLAT PATTERN

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
PRECAST INC.

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

PREPARED FOR HP PRECAST INC.
LATCH GUIDE

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3/8 DIAMOND PLATE / SLIPNOT (ASTM A786)
17.750 X 12.750
(1) REQ'D

APPROVED
Washington State Department of Transportation
HQ Traffic Operations Office
BY: [Signature] DATE: 5/3/2023

UNIVERSAL DWG:
716-50120 (DP)
716-50121 (SN)

HOLES ± 0.030
X.XXX ± 0.060
ANGLES ± 1°
This assembly is constructed and tested to conform with WSDOT
9-29-2(1)

ANGLE, 1 x 1 x 3/16 X 1.000 LONG
(2) REQ'D

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

Prepared for HP PRECAST INC.

LID GUIDE / RETAINER

REV.
HOLE: ± 0.030
1/32 x 0.050
1/32 x 1/16

DATE: 5/1/2020

HOLDEN DRAWN BY HPOGM/NO: DATE CREATED: 5/7/2014
211-02163

SCALE: 1/8"CAD: 716/5005

1 OF 1
This assembly is constructed and tested to conform with WSDOT
9-28.2(1)

1/8 HR - 2.000 X 2.000
(1) REQ'D

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

PRECAST INC.

LOCK PLATE

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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 9-99(99) Standard Duty Junction Boxes.

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

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<td>101-00047</td>
<td>NUT, HEX(HEAVY)</td>
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<td>316SS 1</td>
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Parts List

Holes ± 0.030
X, XOX ± 0.040
Angles ± 1.0°
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-06 (2009), Standard Duty Junction Boxes.

REV | DESCRIPTION | DATE | INWELLS
A | 1/4" HR WAS 3/8" HR | 14 | DK

1/4 HR - 1.813 X 1.250
(1) REQ'D

5.75 X .755 OBROUND

.625

.750

1.250

1.813

1/4 HR - 1.813 X 1.250
(1) REQ'D

LOCK LATCH

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
HQ Traffic Operations Office

APPROVED AS NOTED

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
HQ Traffic Operations Office

PREPARED FOR H PRECAST INC.

LOCK LATCH

HOLE S ± .005
X XXX ± .005
ANGLES ± 1.0°

CREDITS TO CAD: FEB. 7 2013
PREP 1 OF 1