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

APPROVED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE March 16

FRAME WELDED ASSEMBLY
HOLE±0.003
X, XXX ± 0.006
ANGLES ± 1.0°

26 TA WSDOT

PARTS LIST

<table>
<thead>
<tr>
<th>PART</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>101-00272</td>
<td>8&quot;IA-20 X 1&quot; HUCS (316SS)</td>
</tr>
<tr>
<td>101-00049</td>
<td>NUT HEX-16-20 (18-8SS)</td>
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<tr>
<td>100-11143</td>
<td>FRAME PIN</td>
</tr>
<tr>
<td>718-S0026</td>
<td>FRAME ANCHOR FRONT/REAR</td>
</tr>
<tr>
<td>718-S0025</td>
<td>FRAME ANCHOR SIDE</td>
</tr>
<tr>
<td>718-F0030</td>
<td>LATCH TAB</td>
</tr>
<tr>
<td>718-F0029</td>
<td>FRAME FRONT/BACK</td>
</tr>
<tr>
<td>718-F0028</td>
<td>FRAME SIDES</td>
</tr>
<tr>
<td>718-F0027</td>
<td>FRAME SIDES</td>
</tr>
</tbody>
</table>

Scale: 1" = 1' 26"
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.

UNIVERSAL DWG:
700-00038 DIAMOND PLATE LID
700-00067 SLIPNOT PLATE LID

PARTS LIST
Prepared for H4 PRECAST INC. 25 TA WSDOT
LID, WELD SUB ASSEMBLY

THE DRAWING CREATED FOR MANUFACTURING REFERENCE ONLY
AND IS NOT INTENDED TO SUPERSEDE H4 PRECAST INC. DRAWINGS
OR SPECIFICATIONS OF THE REFERENCED PART.

Approved State of Washington
Department of Transportation
Traffic Operations Office

GIRARD G. NADAR
SPECIALIST, ENGR.

12/11/05
6.000
2.000
.282
.625
3.125
438
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.

UNIVERSAL DWG:
700-00039 DIAMOND PLATE LID W/LATCH
700-00068 SLIPNOT PLATE LID W/LATCH

ASSEMBLY DETAIL

1  716-50012 HANDLE STOP
2  716-F0031 HANDLE
3  716-F0024 RIB, SIDE
4  716-F0004 RETAINER, HINGE PIN
5  716-F0026 RIB, CENTER
6  716-50031 HANDLE
7  716-F0025 LID SUPPORT, SHORT
8  716-50014 HANDLE STOP

PARTS LIST
Prepared for HP PRECAST INC.
25 TA WSDOT
LID W/LATCH, WELD SUB ASSEMBLY

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 Sp. Pg. 1-1.1-2. Standard Duty Junction Boxes.

WELD DETAIL

UNIVERSAL DWG:
700-00039 DIAMOND PLATE LID W/ LATCH
700-00088 SLIPNOT PLATE LID W/ LATCH

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

716-F0005
7/16 X 1.000° PIN
(2) PLS

2.592
Ø .450 (2) PLS

.437

58.875

NOTE FOR TREAD
LESS THAN 1/2" WIDE
NO SLIP-RESISTANT TREATMENT NEEDED

1/88

1.250

1.250

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Department of Transportation
HQ Traffic Operations Office
DATE DEC 15, 2015 TAT

1-1/4 X 1-1/4 X 3/16 ANGLE - 58.875 LONG
(2) PLS

25 TA WSDOT

Prepared for HP PRECAST INC.

FRAME, FRONT / REAR

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

HOLE ± .003
X .000 ± .001
ANGLER ± 10°

716-F0027
REV.

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

NOTE: FOR TREAD
LESS THAN 1 1/4" WIDE
NO SURFACE RESISTANT
TREATMENT NEEDED

1-1/4 X 1-1/4 X 3/16 ANGLE - 23.750 LONG
(2) PLS

APPROVED
Washington State
Department of Transportation
HJ Traffic Operations Office
DATE Dec 15, 2015 TAT

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

FRAME, SIDES

HOLE: 
SIZE 3/32" 
ANGLE ± 1/16"
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.

1 X 1 X 1/4 ANGLE X 1.500 LONG

APPROVED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE Dec 15, 2015 TAT

LATCH TAB

25 TA WSDOT

PREPARED FOR HP PRECAST INC.

THE DRAWING CREATED FOR MANUFACTURING REFERENCE ONLY AND IS NOT INTENDED TO SUPERCED HP PRECAST INC. DRAWINGS OR SPECIFICATIONS OF THE REFERENCED PART.
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), 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.

12/11/15

FORMED DETAILS

FLAT PATTERN

APPROVED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE Dec 15, 2015 TAT

3/8 HR - 22.825 X 3.352
X = .648 @ 90° .375 R
(8) PLS

R .125
(5) PLS

∅ .250 (2) PLS
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.

APPROVED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE: Dec 15, 2015

25 TA WSDOT

CENTER CATCH, LTD

Prepared for: PRECAST INC.

DRAWN BY: T.C. YEE

PROGRAM NUMBER: 11610024

SCALE: 1/4" = 1'-0"

NOTE: THIS DRAWING IS INTENDED FOR MANUFACTURING REFERENCE ONLY AND IS NOT INTENDED TO SUPERSEDE PRECAST INC DRAWINGS OR SPECIFICATIONS OF THE REFERENCED PARTS.
3\(\frac{1}{16}\) X 3\(\frac{3}{16}\) HRFB - 3.500 LONG

(1) PLS

3.500

.750

.188

This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.
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
DATE Dec 15, 2015

3/16 X 3/4 HRFB - 15.500 LONG
(2) PLS

25 TA WSDOT
Prepared for HP PRECAST INC.
RIB, SIDE

HOLE: ≤ 0.003
X,YY, ≤ 0.006
ANGLES: ≤ 1.0°
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.

R.250 TYP

2,000

3.125

1/4 HR - 3.125 X 2.000

(1) REOT

APPROVED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE 12/1/15 2015 TRA

HANDLE STOP

UNIVERSAL PART
USED ON:
25 TA WSDOT
3000 STD STL

Prepared for HP PRECAST INC.

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 9-29.2(2), Standard Duty Junction Boxes.

1/4 X 1.000 HRFB X 8.773
X = .432 @ 90° .250 R
(1) REQD

FORMED DETAILS

FLAT PATTERN

APPROVED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE DEC 15, 2015 TAT

UNIVERSAL PART,
TAKEN ON:
2436 SDOT (SLIP)
25 TA WSDOT
3030 STD STL

PREPARED FOR IP PRECAST INC.

HANDLE

THE DRAWING CREATED FOR MANUFACTURING REFERENCE ONLY.
AND IS NOT INTENDED TO SUPERSEDE IP PRECAST INC. DRAWING
OR SPECIFICATIONS OF THE REFERENCED PART.
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.

3/16 X 3/4 HRFB - 1.569 LONG
X = .413 @ 96.32° .250 R

FORM DETAIL

FLAT PATTERN

APPROVED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE Dec 15, 2015
This assembly is constructed and tested to conform with WSDOT

UNIVERSAL PART,
USED ON:
2436 GPUD (2) PLS
2436 SBDT (SLIP) (2) PLS
2436 WBDT (STL) (2) PLS
257A WBDT (1) PLS
3030 STD STL (2) PLS
3636 STD ALU (1) PLS
VD13-P-GPUD (1) PLS

HOLEs ± 0.003
XX ± 0.060
XXX ± 0.005

ANGLES ± 1.0°

PREPARED FOR HP PRECAST INC.

HOLEs CREATeD FOR MANUFACTURING ONLY
AND DO CANNOT BE USED TO ORDER ITEMS FROM HP PRECAST INC.

WASHINGTON STATE
DEPARTMENT OF TRANSPORTATION
HQ TRAFFIC OPERATIONS OFFICE

APPROVED

1/2" NYLON - 3.500 X 2.000

12/11/15
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.

Universals Part, Used On:
- 2436 GPUD (2) PLS
- 2436 SOOT (BLIF) (2) PLS
- 2436 WSDOT (STL) (2) PLS
- 257A WSDOT (4) PLS
- 3030 STD STL (2) PLS

Approved
Washington State
Department of Transportation
HQ Traffic Operations Office

DATE: DEC 15, 2015

7/8" SQF BAR STOCK - 2.725 LONG

Prepared for HP PRECAST INC.

HINGE BLOCK WELD ASSEMBLY: 700-00019

716-S0008
12 GA CR PLT
.875 X .875

WELD DETAIL - 700-00019

1/8
1/8

2.539
.480 (2) PLS

.875
.436
.455
1.760
2.725

12.00"

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

**Approved**
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE Dec 15, 2015

7/16" 18-8 SS - 3.635" LONG

Prepared for HP Precast Inc.

Hinge Pin

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 9-29.2(2), Standard Duty Junction Boxes.
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APPROVED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE 12/11/15

1/4 304SS - .861 X .825
(1) REQD

UNIVERSAL PART
USED ON:
2436 GPUD
2436 STND STL
2436 WSDOT (SLIP)
2436 WSDOT (STL)
25 TA WSDOT
3030 STD STL
3036 STD ALUM
VC SINGLE
VD13-P-GPUD

Prepared for HP PRECAST INC.

PENTA HEAD

DRAWN BY
PROGRAV NUMBER
716-50001

SCALE 1/4"=1'-0" 1/16"=1'-0" 1 of 1
This assembly is constructed and tested to conform with WSDOT Standard Specification 9-29.2(2), Standard Duty Junction Boxes.
55 CAB LOCK

- Accepts 5/16" shank
- Available in stainless steel
- Available in steel construction/zinc finish

100-02890
LATCH (SLAM), aka CAB LOCK(55)
A.L. HANSEN #F55XXXLSXXXX

- Available with heavy duty case

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
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<tbody>
<tr>
<td>55</td>
<td>3 3/8</td>
<td>2</td>
<td>2 7/8</td>
<td>1</td>
</tr>
<tr>
<td>55A</td>
<td>4 11/32</td>
<td>2 3/8</td>
<td>3 5/8</td>
<td>1 1/2</td>
</tr>
</tbody>
</table>

All Dimensions are in inches

A. L. HANSEN MANUFACTURING

701 Pershing Rd, Waukegan, Illinois 60085 U.S.A. Phone: (847)244-8900 Fax: (847)244-7222 WWW.ALHANSEN.COM
GENERAL NOTES
1. Fc=4000 PSI MIN AT 28 DAYS
2. REINFORCING WIRE ASTM A128, GRADE 70
3. MINIMUM BENT COVER 0.75" UND
4. 16,000 LB WHEEL LOAD CAPACITY
5. LATERAL DESIGN EARTH PRESSURE 35 PSF
6. BACKFILL TO BE SAND OR GRAVEL
7. 1030 PSI MINIMUM STRENGTH BEFORE STRIPPING
8. NO SPlice EXCEPT AT LOCATIONS SHOWN

TRANSECTION

LONG SECTION

THIS DRAWING HAS BEEN PREPARED FOR YOUR REVIEW AND APPROVAL
☐ APPROVED AS SUBMITTED
☐ APPROVED AS CORRECTED
☐ RESUBMIT

PLEASE CHECK THE APPROPRIATE BOX AND RETURN ONE SIGNED COPY SO THAT WE MAY PROCEED WITH PRODUCTION.

SIGNED

TITLE 25TA DOT VAULT

SCALÉ 1/4"=1'-0"

CHECKED: CP

DATE 01/12

STRAIN DETAIL SHEET SHEET 1/1