PENTA HEAD BOLT IS RECESSED MINIMUM 3/4" BELOW PLATE SURFACE.

NOTE: PENTA HEAD BOLT TO BE LIBERALLY COATED WITH ANTI-SEIZE COMPOUND.

PENTA HEAD BOLT TO LIBERALLY COAT WITH ANTI-SEIZE COMPOUND.

GRADES:

1. Concrete: 28 Day Compressive Strength FC = 4000 psi
2. Rebar: ASTM A-615 Grade 60
3. Mesh: ASTM A-615 Grade 60
6. Soil Density: 150pcf
7. Soil Pressure: 80 psi E.P.L. (Earth Pressure Load)
8. Live Load: 250 psi Live Load

GENERAL NOTES:
1. Customer to:
   
2. Verify all vault features:
   - All supports & engravings of vaults, holes & slabs
   - Lining of vaults & slabs
   - Supply & install all piping & electrical
   - Install all vaults & substructures
   - Install all painting

SHIPPING WEIGHT:

64-2-33
cover: 1,373 lbs
64-332
cable base: 4,770 lbs

TOTAL: 6,143 lbs

WASHINGTON STATE
Department of Transportation
HQ Traffic Operations Office
DATE: July 30, 2012

APPROVED

PLAN VIEW

VIEW AA

VIEW BB

Oldcastle Precast®
645 STD DUTY CABLE VAULT - WSDOT
645 VAULT: 5'-5.5" x 3'-5.5' x 4'-0.75' (Minimum)
CUSTOMER STANDARD PRODUCT

WASHINGTON STATE D.O.T.
(360) 966-2410 - 800-222-6777

DRAWN: 010-2270304-001
CHECKED: 010-2270304-001
REVISION: C

DESIGNER: 010-2270304-001
WEIGHT: 5,433 lbs

PLAN VIEW

VIEW AA

VIEW BB

Oldcastle Precast®
645 STD DUTY CABLE VAULT - WSDOT
645 VAULT: 5'-5.5" x 3'-5.5' x 4'-0.75' (Minimum)
CUSTOMER STANDARD PRODUCT

WASHINGTON STATE D.O.T.
(360) 966-2410 - 800-222-6777

DRAWN: 010-2270304-001
CHECKED: 010-2270304-001
REVISION: C

DESIGNER: 010-2270304-001
WEIGHT: 5,433 lbs
BILL OF MATERIAL

<table>
<thead>
<tr>
<th>PART</th>
<th>QTY</th>
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<th>DESCRIPTION</th>
<th>ITEM #</th>
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<tr>
<td>1</td>
<td>4</td>
<td>ea</td>
<td>Insert Long 3/4&quot;</td>
<td>010-500050-000</td>
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<tr>
<td>2</td>
<td>4</td>
<td>ea</td>
<td>Insert Plastic 3/4&quot;</td>
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<td>3</td>
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<td>ea</td>
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<td>010-2279045-000</td>
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<td>17.90</td>
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<td>Consoled 3/4&quot; CS-101</td>
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<td>0.24</td>
<td>lbs</td>
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<td>Concrete Mix - SCC</td>
<td>010-500000-000</td>
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<td>Rebar 3/8&quot;</td>
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<td>1.26</td>
<td>bar</td>
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<td>Rebar @ 40&quot;</td>
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<tr>
<td>1.16</td>
<td>sq ft</td>
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<td>Mesh - (Square Feet)</td>
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SHOP NOTES:
1. Use Steel Form 84' COVER
2. Concrete Finish: Broom Finish with Machined Edges

REINFORCING CUT LIST

<table>
<thead>
<tr>
<th>PART</th>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>FT</th>
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<tbody>
<tr>
<td>R1</td>
<td>4</td>
<td>Rebar 4</td>
<td>3</td>
<td>STR</td>
</tr>
<tr>
<td>R2</td>
<td>6</td>
<td>Rebar 6</td>
<td>6</td>
<td>STR</td>
</tr>
<tr>
<td>R3</td>
<td>2</td>
<td>Rebar 12</td>
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<td>STR</td>
</tr>
<tr>
<td>W1</td>
<td>2</td>
<td>Mesh 6x4</td>
<td>W3</td>
<td>9.9 x 9.9</td>
</tr>
<tr>
<td>W2</td>
<td>2</td>
<td>Mesh 6x4</td>
<td>W3</td>
<td>9.9 x 9.9</td>
</tr>
<tr>
<td>W3</td>
<td>1</td>
<td>Mesh 6x4</td>
<td>W3</td>
<td>9.9 x 9.9</td>
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</table>
PLAN VIEW
REINFORCING (SHOWN AS Poured)

W1 DETAIL

W2 DETAIL

W3 DETAIL

W4 DETAIL

REINFORCING CUT LIST

<table>
<thead>
<tr>
<th>PART</th>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>FT</th>
<th>IN</th>
<th>SHAPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>R1</td>
<td>8</td>
<td>B3 Retier</td>
<td>11</td>
<td>0</td>
<td>BENT</td>
</tr>
<tr>
<td>R2</td>
<td>18</td>
<td>B3 Retier</td>
<td>3</td>
<td>2</td>
<td>STRN</td>
</tr>
<tr>
<td>R3</td>
<td>12</td>
<td>B3 Retier</td>
<td>3</td>
<td>6</td>
<td>STRN</td>
</tr>
<tr>
<td>R4</td>
<td>0</td>
<td>B3 Retier</td>
<td>4</td>
<td>3</td>
<td>STRN</td>
</tr>
<tr>
<td>W1</td>
<td>1</td>
<td>Mesh 6x4 x W2.0 x W2.0</td>
<td>9</td>
<td>STH</td>
<td>BENT</td>
</tr>
<tr>
<td>W2</td>
<td>1</td>
<td>Mesh 6x4 x W2.0 x W2.0</td>
<td>9</td>
<td>STH</td>
<td></td>
</tr>
<tr>
<td>W3</td>
<td>2</td>
<td>Mesh 6x4 x W2.0 x W2.0</td>
<td>12</td>
<td>STH</td>
<td></td>
</tr>
<tr>
<td>W4</td>
<td>2</td>
<td>Mesh 6x4 x W2.0 x W2.0</td>
<td>12</td>
<td>STH</td>
<td></td>
</tr>
</tbody>
</table>
PLAN VIEW
(TOPSIDE OF DOOR SHOWN)

SECTION AA

GROUND PLATE w/ 1/4" x 1/4" HOLE (2 PLACES)

WARNING *WSDOT ITS*
(2" LETTERS CENTERED ON DOOR)

SUPHOT PLATE SURFACE

LADDER ASSEMBLY
- PENTALEAD BOLT

RING HANDLE
(2 PLACES)

WSDOT ITS

STRUCTURAL NOTES

1. MATERIAL: ASTM A992 STRUCTURAL STEEL STANDARDS
2. ASSEMBLY: AND D.I.Y. WELDING STANDARDS
3. COATING: ASTM A123 HOT-DIP GALVANIZING STANDARDS
4. LOADS: SUITABLE FOR A CABLE H-20 LOADING IN CIVIL STREET LOCATIONS WHERE NOT SUBJECTED TO HIGH-DENSITY TRAFFIC

GENERAL NOTES

1. FRAMES AVAILABLE TO USE WITH THIS DOOR:
   2270605 (2-332-NSA-80 FRAME - WSDOT)
2. OPTIONAL LETTERING FOR DOORS AS REQUESTED:
   WSDOT T1
   WSDOT LT
   WSDOT EVC
   WSDOT T01
   WSDOT COMM

APPROVED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE: JULY 30, 2013

STATE: WA

OLDCASTLE PAVEMENTS
PRECAST

010-2270304-001

CUSTOMER STANDARD PRODUCT
PART No. 15

SHOP NOTES
1. PLASMA PROGRAM NAME: 332-NS-SA-80 STAT-WIN
2. CUT w/SUPINOH PAT Tem Up

LAYOUT CUT LIST

<table>
<thead>
<tr>
<th>PART</th>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>1</td>
<td>Stop. Plate 2&quot; x 120&quot; x 3/16&quot;</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>1</td>
<td>Fasten 1/4&quot; x 2&quot;</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>2</td>
<td>Fasten 1/4&quot; x 5&quot;</td>
<td></td>
</tr>
</tbody>
</table>

PART No. 16

PART No. 23

-- APPROVED --

Washington State
Department of Transportation
HQ Traffic Operations Office
DATE July 30, 2012
PART No. 4
FLAT PATTERN DETAIL

PART No. 4
BEND DETAIL

SHOP NOTES
1. PLASMA PROGRAM NAME: WSDOT-SA-BEFRAME-P4
2. CUT WITH SLPNUT FINISH SIDE UP

LAYOUT CUT LIST

<table>
<thead>
<tr>
<th>PART</th>
<th>QTY</th>
<th>DESCRIPTION</th>
<th>SIZE</th>
</tr>
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<tbody>
<tr>
<td>4</td>
<td>2</td>
<td>Smooth Poly 7/8&quot; x 120&quot; x 3/16&quot;</td>
<td>---</td>
</tr>
</tbody>
</table>

APPROVED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE: July 30, 2012

Oldcastle Precast®

2-132-SA-BD FRAME - WSDOT
PART CUT & PLASMA DETAILS
CUSTOMER STANDARD PRODUCT

010-2270045-00 H
2" ENGRAVED LETTERING

(2) BOLTHOLES ON 35 1/2" DIA B.C.

CUSTOM LOGO

(3) S.S. PICKBARS 180° APART

BOTTOM VIEW

SECTION A-A

SECTION B-B

3/4" DIA GROUND STRAP HOLE

APPROVED
Washington State
Department of Transportation
HQ Traffic Operations Office
DATE September 1, 2010

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