

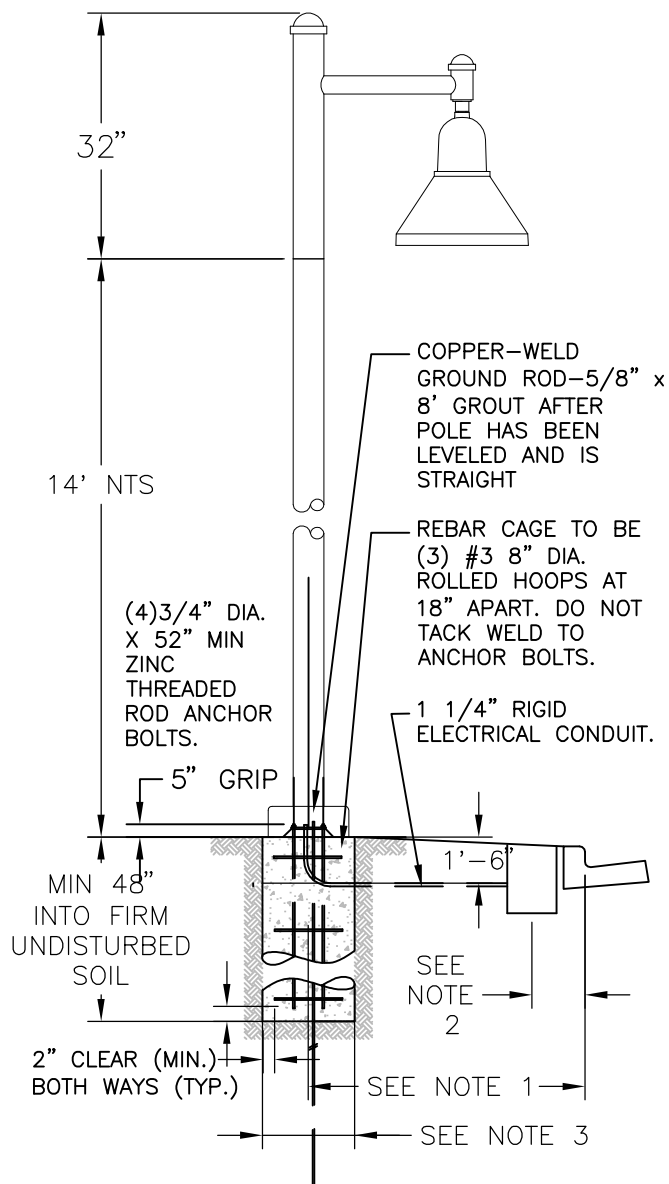
PUBLIC WORKS/ENGINEERING STANDARD DRAWINGS

Table of Contents

ELECTRICAL

Residential Street Light.....	CD60a
Sternberg Street Light	CD61
Electrical Conduit Trench Detail	CD980
Junction Box Detail.....	CD981
City of Ashland Electric Department Vault Standards	233-ASH
.....	575-SECT-ASH
.....	575-TRANS-ASH
.....	575-METER-ASH
.....	644-SECT-ASH
.....	644-TRANS-ASH
.....	810-ASH

NOTE: The attached drawings may be changed according to the individual project. The City of Ashland Electric Department must be contacted to determine if any adjustments or alternative standards will need to be used.



NOTES :

- 1) SET CENTER OF POLE 3' BEHIND FACE OF CURB IN PLANTER STRIPS, OR 5' BEHIND FACE OF CURB IF SIDEWALK ADJACENT TO CURB.
- 2) SET JUNCTION BOX BEHIND CURB IF IN PLANTER STRIP AREA, OR BEHND SIDEWALK IF SIDEWALK IS ADJACENT TO CURB.
- 3) 12" DIAMETER AUGERED HOLE FILLED WITH 3000 PSI CONCRETE (SLUMP= 3"-5"). IF CONCRETE IS POURED TO FORMS, COMPACT BACKFILL TO 95%.

RESIDENTIAL STREETLIGHT

REV 10/03

Catalog#

EPAX 14 S4 3-3/8T11 ANBK EAA4/1 PER ANBK
EM17ST 70S MED GCF SR2 TB ANBK

Eurotique Series

Aluminum Post

Post:

Post shall be all aluminum construction consisting of a Ø4" smooth aluminum shaft with a 3.375" x 11" tenon for arm mounting and an aluminum anchor plate cover. A handhole is located in the shaft for wiring access.

Arm:

Arm shall be all aluminum construction consisting of a Ø4" smooth aluminum post fitter with cap, straight pipe arm and a luminaire fitter with cap and .75" NPT fitting for luminaire mounting. Arm shall be fitted with a NEMA twist lock receptacle.

Luminaire:

Luminaire shall be Ø17" x 17" tall with a cast aluminum housing and a clear flat glass lens.

Luminaire shall be furnished with a high intensity discharge ballast and a socket assembly and an IES type 2 segmented aluminum reflector.

Lamp Type	Mercury Vapor	Metal Halide	High Pressure Sodium	Voltage
HID Socket Size	☐ - H50 ☐ - H75 ☐ - H100 ☐ - H175 ☐ - H250	☐ - M50 ☐ - M70 ☐ - M100 ☐ - M150 ☐ - M175 ☐ - M250	☐ - S35 ☐ - S50 ☒ - S70 ☐ - S100 ☐ - S150 ☐ - S250	☐ /120 ☐ /208 ☐ /240 ☐ /277 ☐ /480 ☒ /QV

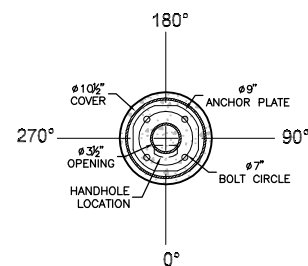
Anchorage:

Post shall be furnished with (4) 3/4" hot-dip galvanized L-type anchor bolts.

Finish:

Post, arm and luminaire shall be furnished with a black powder coat finish.

Anchorage Detail



Note:

All hardware shall be stainless steel. All easily accessible exterior hardware shall be tamper resistant.

Post Height: 14'-0"

Overall Height: 16'-8"

Base Size: Ø10 1/2"

Top Light Center: 14'-8"

date:

5/16/03

scale:

NTS

dwg#:

L-5472A

ANTIQUE Street Lamps

2011-B W. Rundberg Lane ° Austin, TX 78758-5946
(512) 977-8444 ° Fax (512) 977-9622

CITY OF
ASHLAND



PUBLIC WORKS ENGINEERING

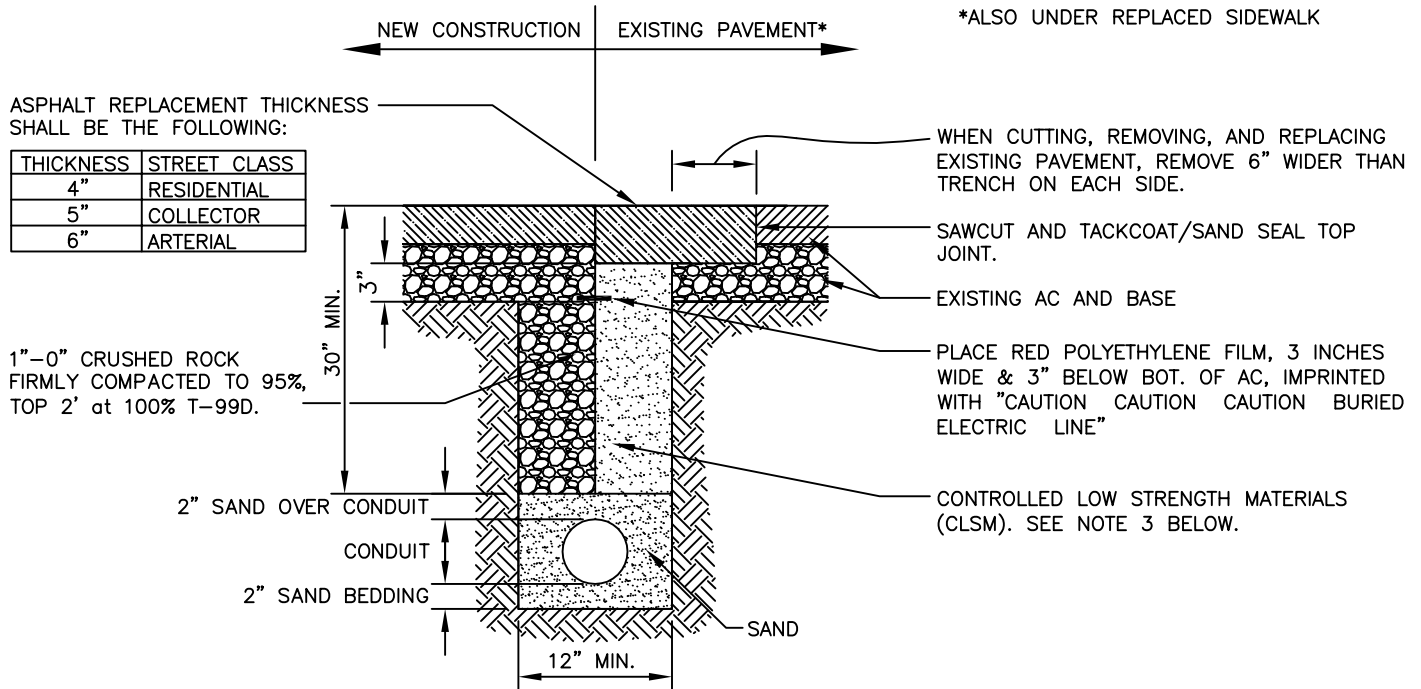
www.smartmap.org

541-774-2100 or 488-5877

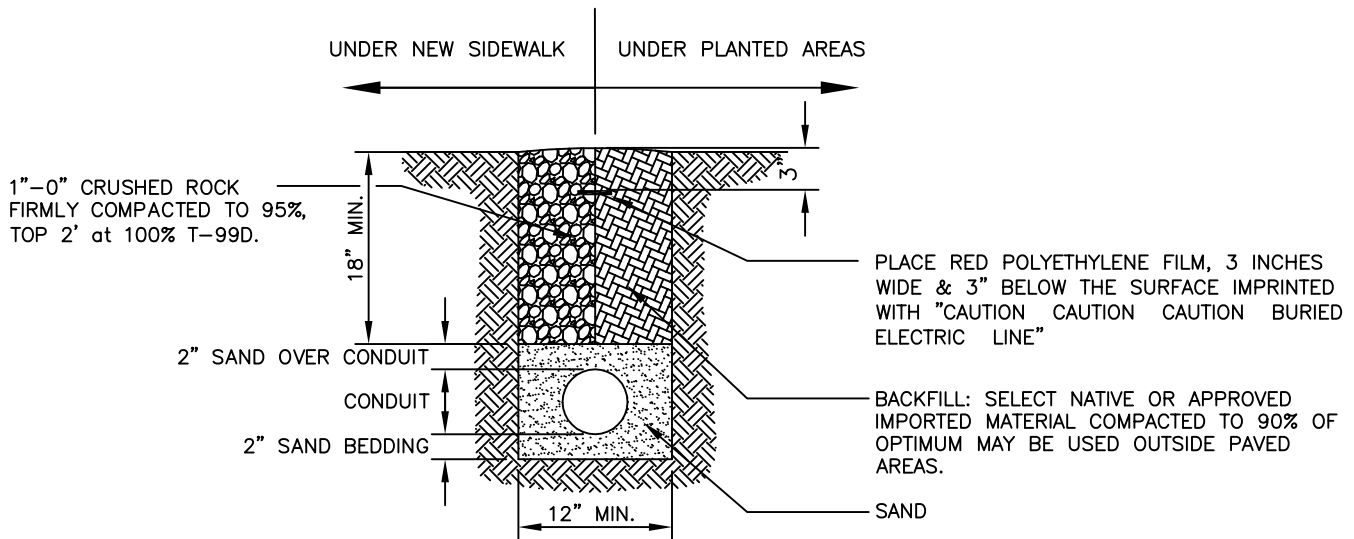
DRAWING NO.

CD60a

	POLE HEIGHTS HAVE A TOLERANCE OF + OR - 2"		APR262005	DRAWING NUMBER
	CITY OF ASHLAND ASHLAND, OR 1130A 3412FP4		JJS	SINCE 1923
	SOCKET TYPE ☒ MEDIUM BASE ☐ MOGUL BASE			
VOLTAGE ☒ /120 ☐ /208 ☐ /220 ☐ /240 ☐ /277 ☐ /480 ☒ /MULTI ☐ ADVISE ☐ WIRE TO ?		LIGHT SOURCE AND WATTAGE ☐ INCANDESCENT ☐ 50 MV ☐ 75 MV ☐ 100 MV ☐ 175 MV ☐ 250 MV MERCURY VAPOR ☐ 50 MH ☐ 70 MH ☐ 100 MH ☐ 150 MH ☐ 175 MH ☐ 250 MH METAL HALIDE ☐ 35 HPS ☐ 50 HPS ☐ 70 HPS ☐ 100 HPS ☐ 150 HPS ☐ 250 HPS ☐ ADVISE HIGH PRESSURE SODIUM		
4" DIA. FLUTED POLE .125 WALL THICKNESS 6061-T6 STRUCTURAL GRADE ALUMINUM.		☐ 1 FUSE 120, 277 ☐ 2 FUSES 208, 240, 480 ☐ MULTI ☐ WITH LAMP		
POLE WELDED FOR SINGLE UNIT CONSTRUCTION		Advise Finish ☐ Swedish Iron ☐ Verde Green ☐ Park Green ☒ Black ☐ Architectural Medium Bronze ☐ CUSTOM FINISH		
ACCESS DOOR WITH STAINLESS STEEL ALLEN HEAD SCREWS.				
18" DIA. HEXAGONAL BASE, .875 FLOOR THICKNESS 4 ANCHOR BOLTS AND ONE GROUND LUG.				



TRENCH DETAIL UNDER ROADWAY



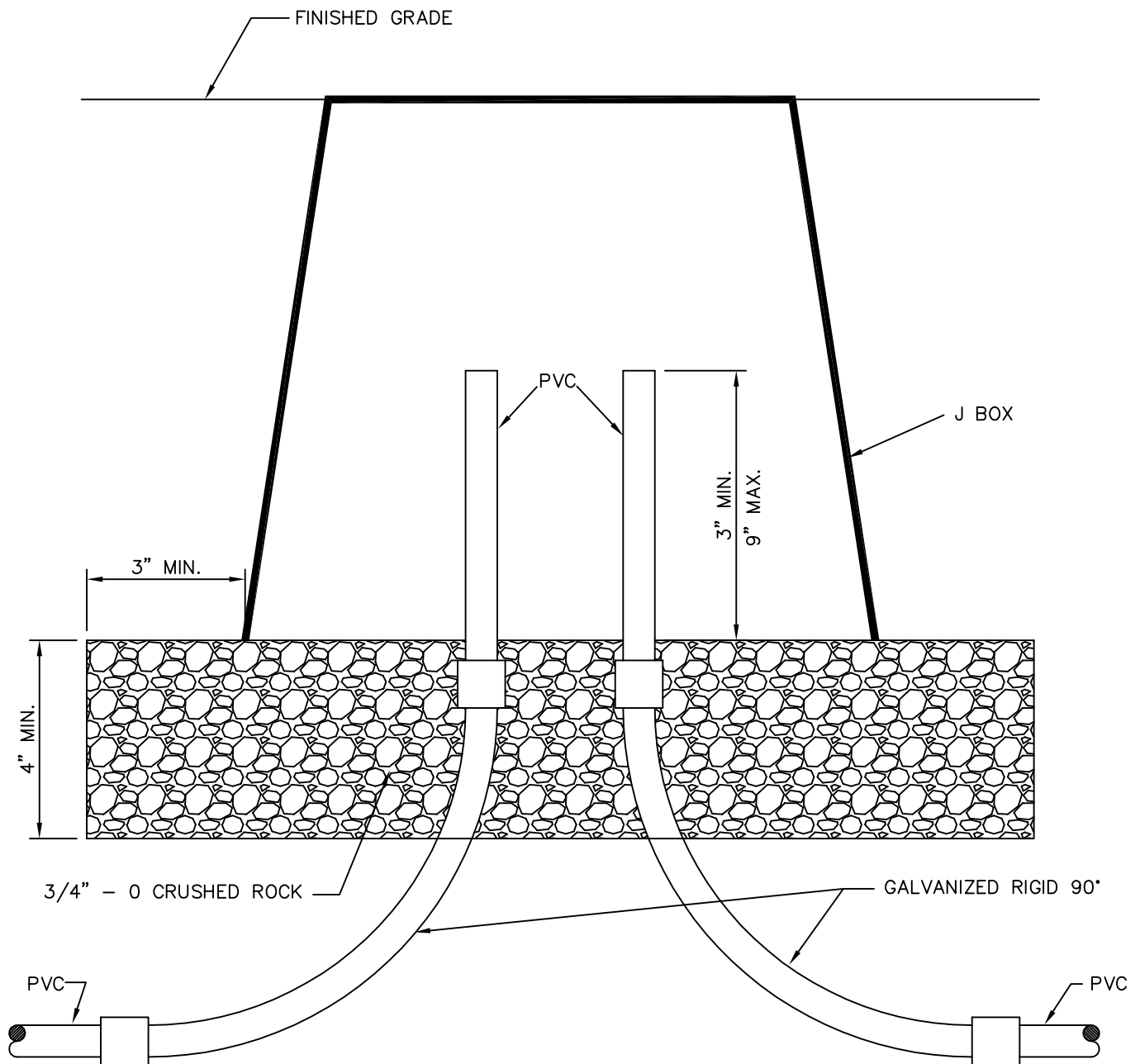
TRENCH DETAIL OUTSIDE ROADWAY

NOTES:

- COLD MIX AC MAY BE USED AS TEMPORARY PATCH ONLY.
- ALL STEEL TRAFFIC PLATES IN TRAVELED AREAS MUST BE "RAMPED" WITH COLD MIX AC TO ALLOW SMOOTHER TRANSITION.
 - MINIMUM 12" LAP OF STEEL PLATES ONTO EXISTING PAVEMENT.
 - MINIMUM 3/4" STEEL PLATE THICKNESS.
- CONTROLLED LOW-STRENGTH MATERIAL IS HIGHLY FLOWABLE LEAN CONCRETE MIX; A MIXTURE OF FLY ASH, CEMENT, FINE AGGREGATES, WATER AND ADMIXTURES, IF NECESSARY. CLSM SHALL ATTAIN A 28-DAY COMPRESSIVE STRENGTH OF 150 TO 250 psi AND SHALL COMPLY WITH 2002 OREGON APWA/ODOT SECTION 00442.

ELECTRICAL CONDUIT TRENCH DETAIL

ISSUED: <i>LB</i>	DATE: <i>9/27/05</i>	PUBLIC WORKS ENGINEERING	DRAWING NO. CD980
<i>CRZ</i>	<i>7/28/05</i>		
REVISED:	DATE:	Ashland – Medford – Rogue Valley Sewer Services	



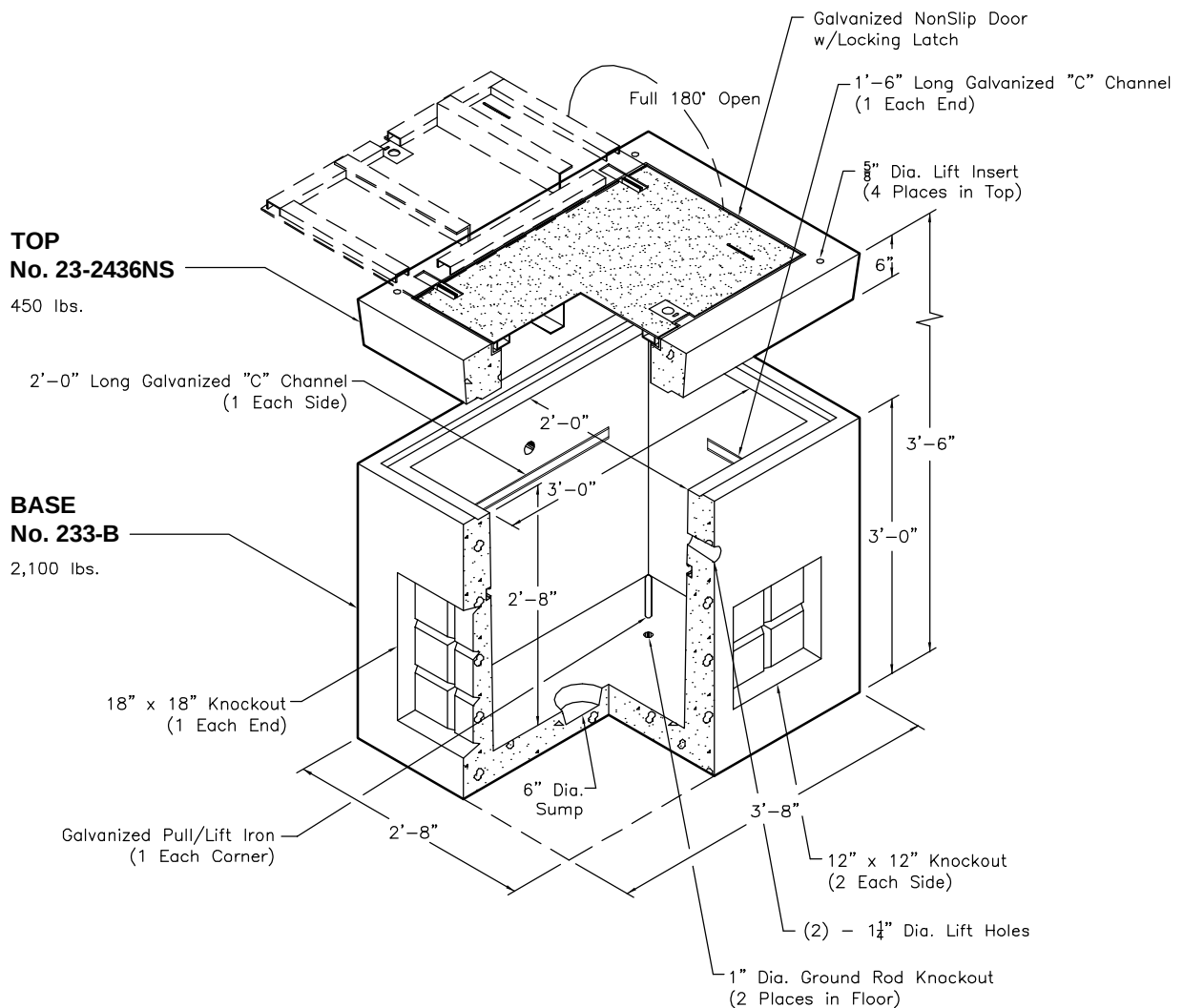
NOTES

- 1) ILLUMINATION CIRCUITS SHALL BE SPLICED ACCORDING TO CITY OF MEDFORD STANDARDS. IN LINE FUSE MAY BE REQUIRED.
- 2) NUMBER OF CONDUITS SHALL BE ACCORDING TO PLANS.
- 3) DUCT SEAL IN ENDS OF CONDUIT.
- 4) PER NEC 250.80EX, END OF CONDUIT SHALL HAVE GROUND BUSHING IF LESS THAN 18" OF COVER FROM TOP OF GALVANIZED ELBOW.

JUNCTION BOX DETAIL

ISSUED: <i>LB</i> <i>CRZ</i>	DATE: <i>9/27/05</i> <i>7/28/05</i>	PUBLIC WORKS ENGINEERING <i>Ashland - Medford - Rogue Valley Sewer Services</i>	DRAWING NO. CD981
REVISED:	DATE:		

233-ASHLAND



Scale: 1/2" = 1'-0"



UTILITY VAULT™

a division of **Oldcastle Precast**

PO Box 323, Wilsonville, Oregon 97070-0323
Tel: (503) 682-2844 Fax: (503) 682-2657

233-ASHLAND

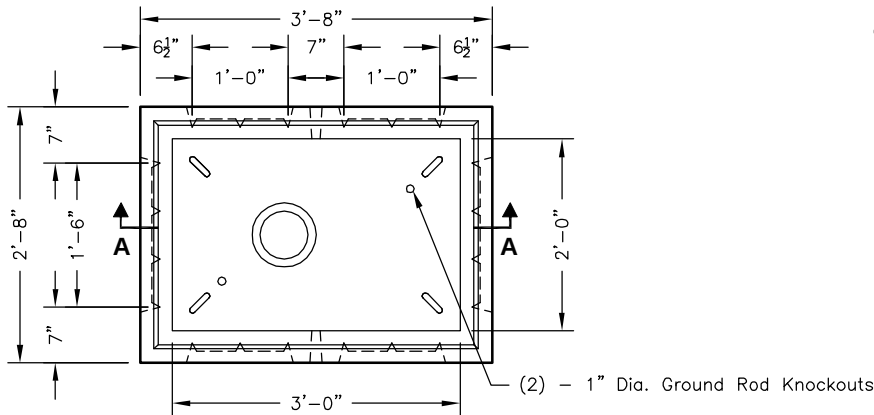
File Name: 233-ASHLAND

Issue Date: Mar 2006

www.uvwilsonville.com

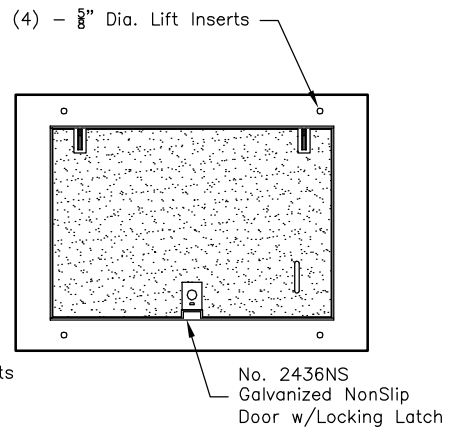
233-ASHLAND
2 x 3
CITY OF ASHLAND

233-ASHLAND

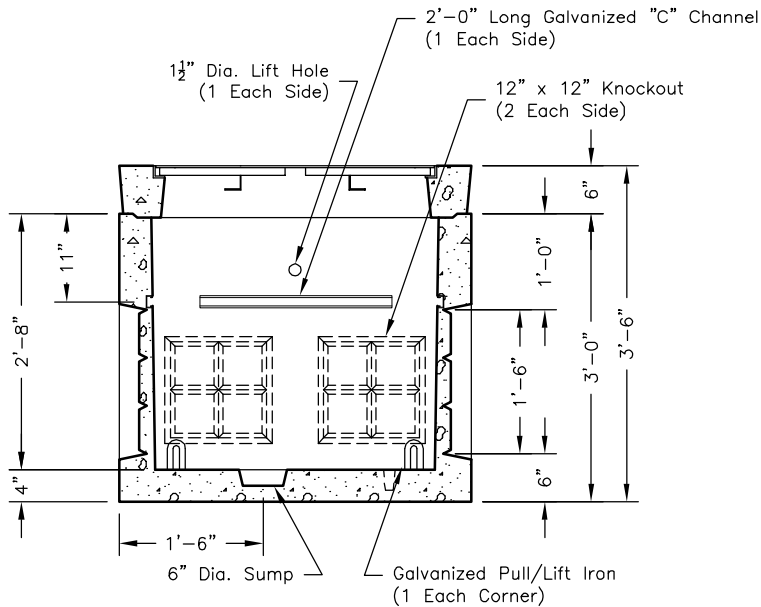


PLAN VIEW

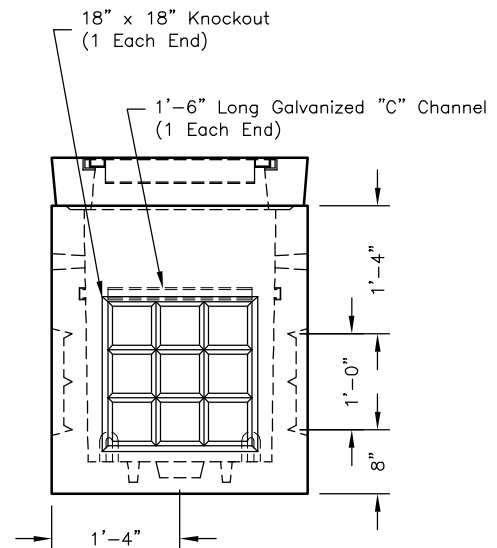
Top Not Shown, See Top Plan



TOP PLAN



SECTION AA



END VIEW

Scale: 1/2" = 1'-0"



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233-ASHLAND

File Name: 233-ASHLAND

Issue Date: Mar 2006

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233-ASHLAND

2 x 3

CITY OF ASHLAND

575-SECT-ASHLAND

15 kV, 3-Phase Transformer Sectionalizing Cabinet Padvault

TOP

No. 6690-T-25NS-1862-PCORP

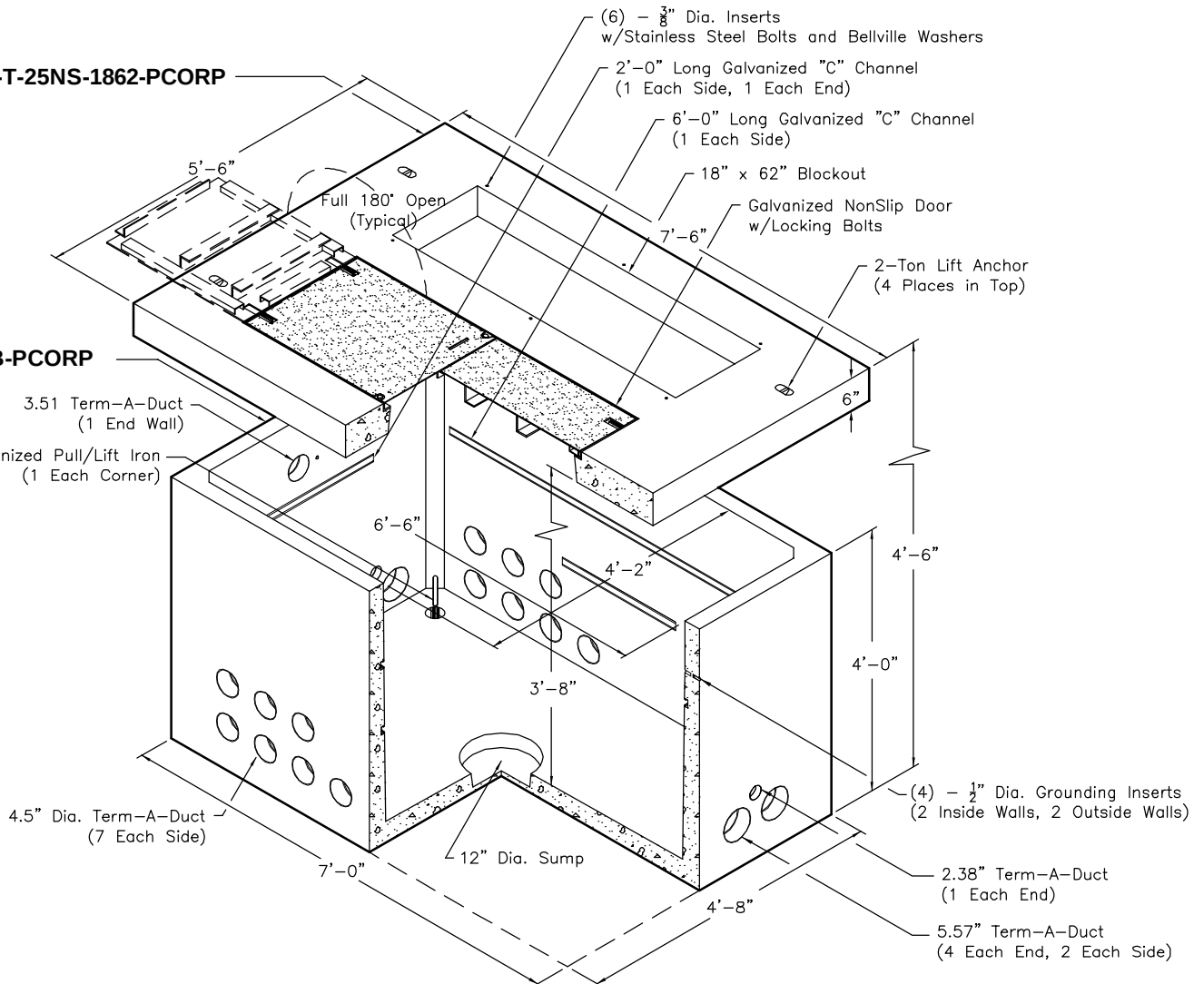
2,670 lbs.

BASE

No. 575-B-PCORP

4,800 lbs.

3.51 Term-A-Duct
(1 End Wall)
Galvanized Pull/Lift Iron
(1 Each Corner)



Note:

- 4.5\" to 3.5\" reducer bushings are available.
- 5.57\" to 4.5\" reducer bushings are available.

Scale: 3/8\" = 1'-0\"



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575-SECT-ASHLAND

File Name: 575-SECT-ASHLAND

Issue Date: Feb 2006

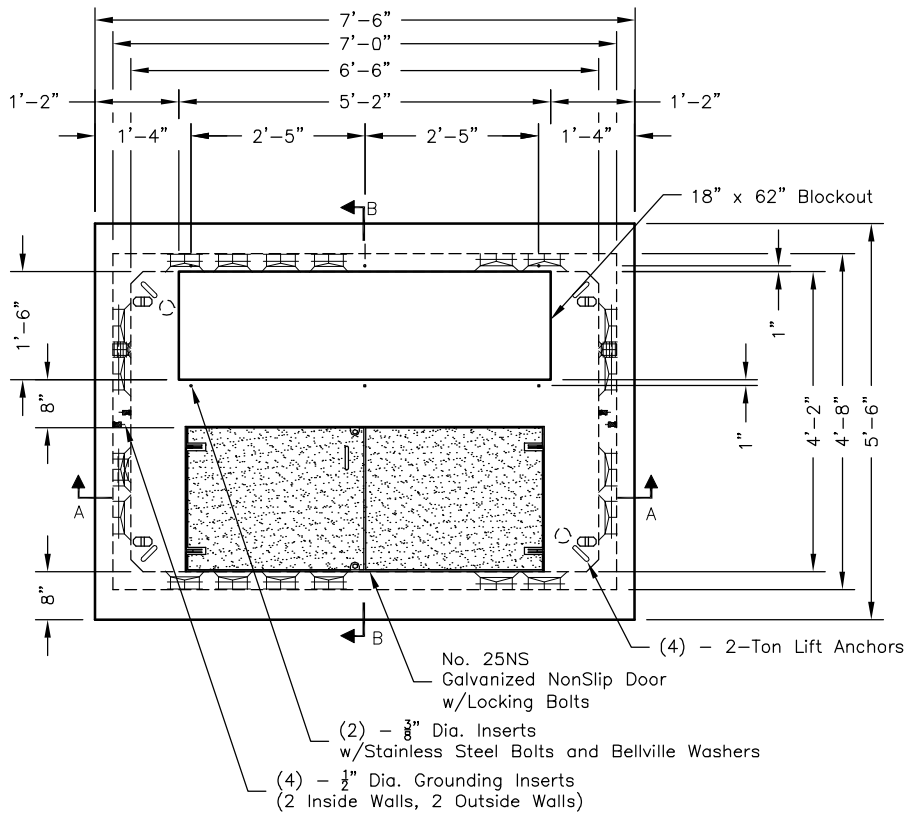
www.uvwilsonville.com

575-SECT-ASHLAND

4 x 6

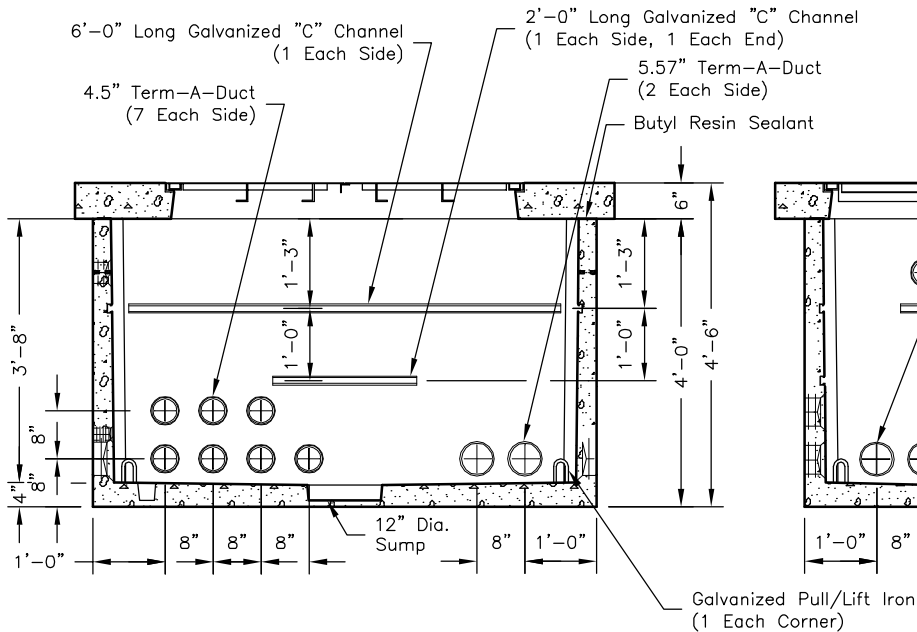
CITY OF ASHLAND

575-SECT-ASHLAND

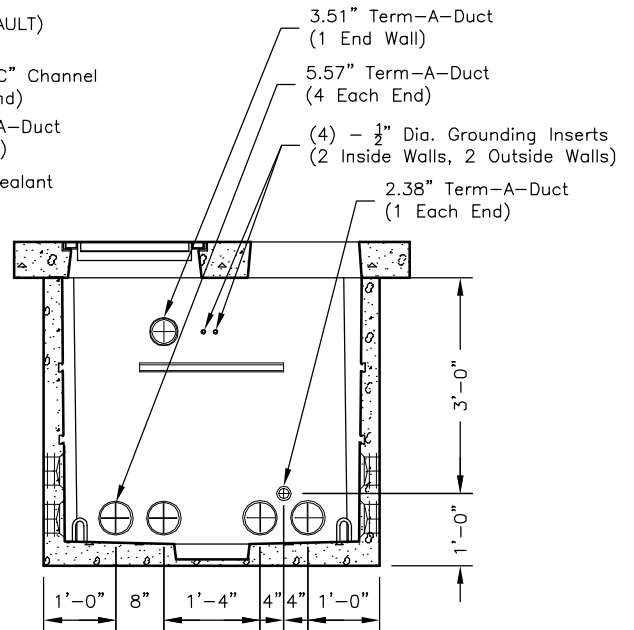


PLAN VIEW

No. 6690-T-25NS-1862-PCORP (15 kV, 3-PHASE SECTIONALIZING CABINET PADVAULT)



SECTION AA



SECTION BB

Scale: 3/8" = 1'-0"



UTILITY VAULT™

a division of **Oldcastle Precast**

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Tel: (503) 682-2844 Fax: (503) 682-2657

575-SECT-ASHLAND

File Name: 575-SECT-ASHLAND2

Issue Date: Feb 2006

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575-SECT-ASHLAND

4 x 6

CITY OF ASHLAND

575-TRANS-ASHLAND

2.4 - 25 kV, 3-Phase Transformer Padvault With Access

TOP

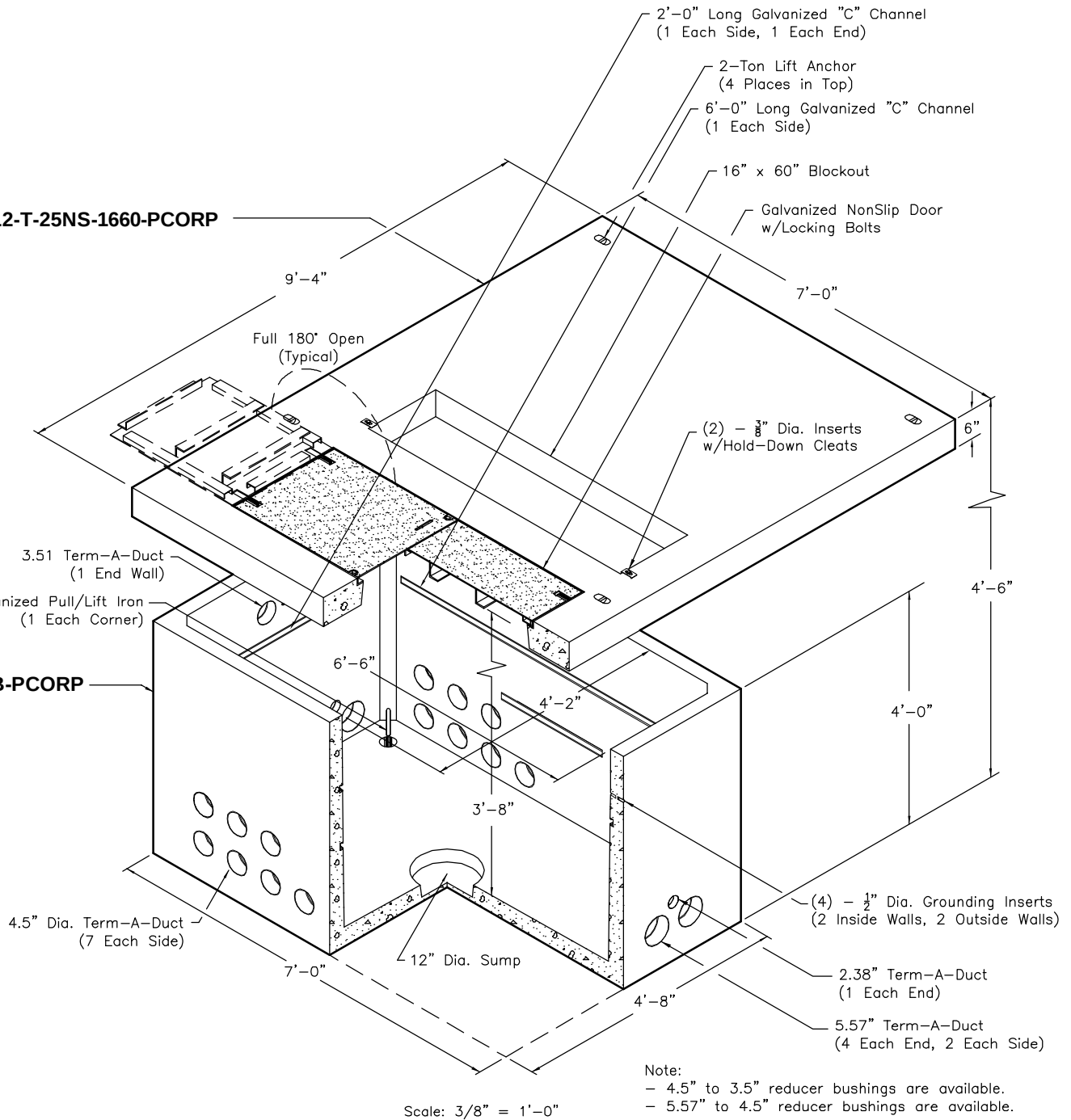
No. 84/112-T-25NS-1660-PCORP

2,670 lbs.

BASE

No. 575-B-PCORP

4,800 lbs.



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575-TRANS-ASHLAND

File Name: 575-TRANS-ASHLAND

Issue Date: Feb 2006

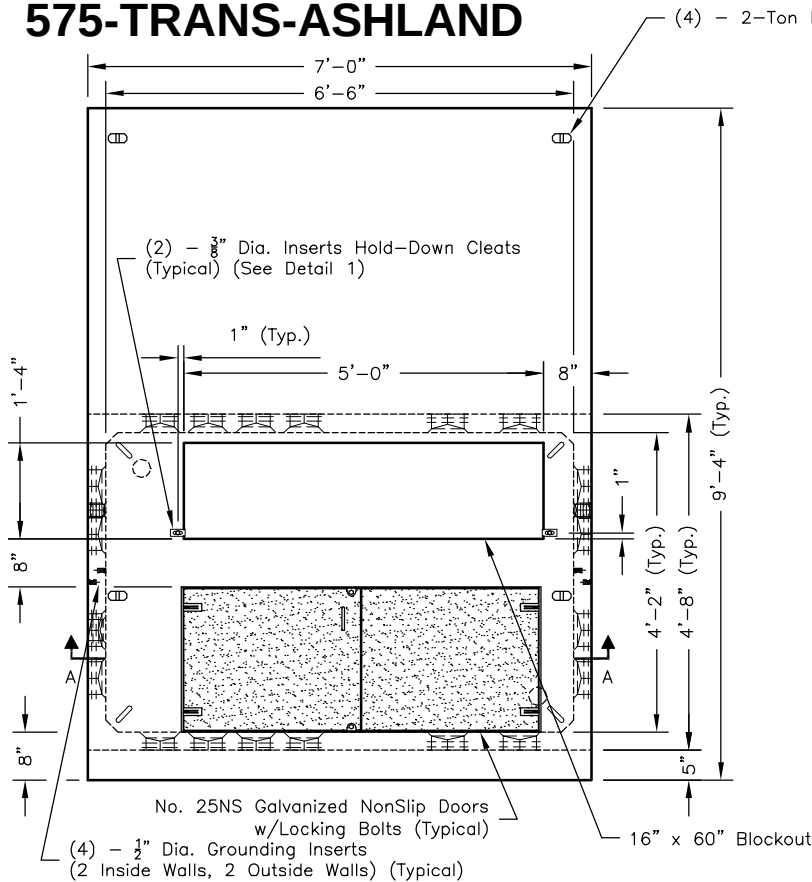
www.uvwilsonville.com

575-TRANS-ASHLAND

4 x 6

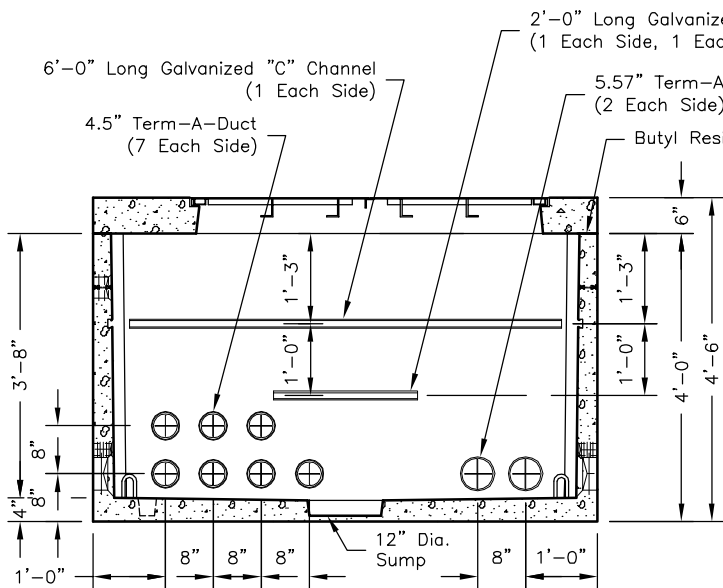
CITY OF ASHLAND

575-TRANS-ASHLAND (4) - 2-Ton Lift Anchors (Typical)

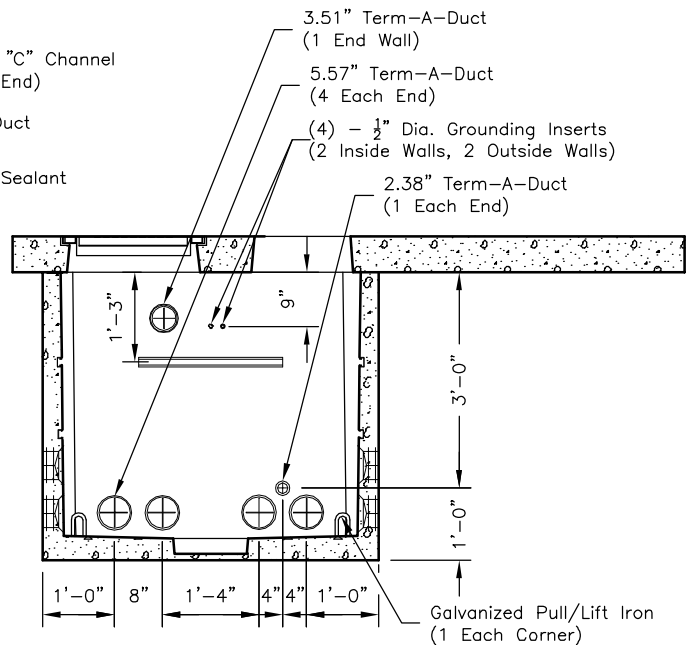


PLAN VIEW

No. 84/112-T-25NS-1660-PCORP
(2.4-25 kV, 3-PHASE TRANSFORMER PADVAULT WITH ACCESS)



SECTION AA

**SECTION BB**

Scale: $3/8" = 1'-0"$



UTILITY VAULT™
a division of  **Oldcastle Precast**

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575-TRANS-ASHLAND

File Name: 575-TRANS-ASHLAND2

Issue Date: Feb 2006

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575-TRANS-ASHLAND

4 x 6

CITY OF ASHLAND

575-METER-ASHLAND

TOP

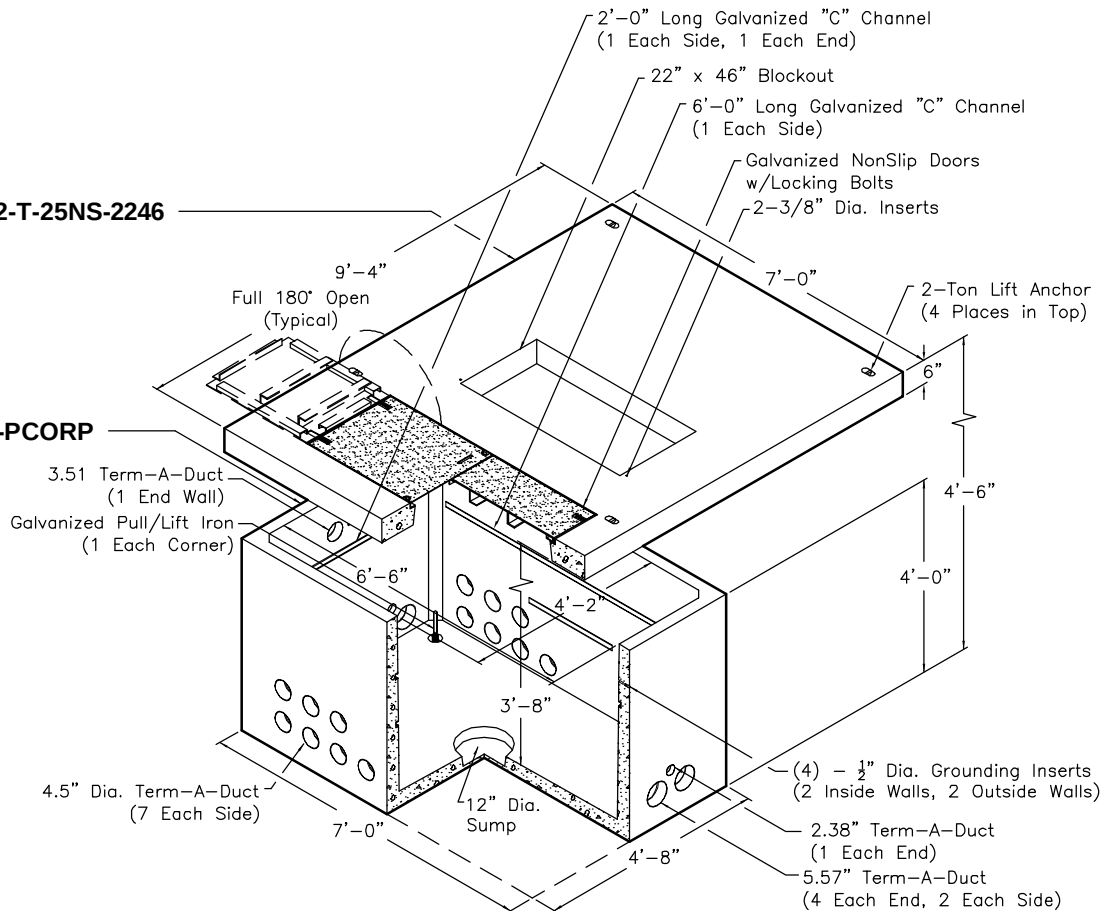
No. 84/112-T-25NS-2246

3,550 lbs.

BASE

No. 575-B-PCORP

4,800 lbs.



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



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575-METER-ASHLAND

File Name: 575-METER-ASHLAND

Issue Date: Mar 2006

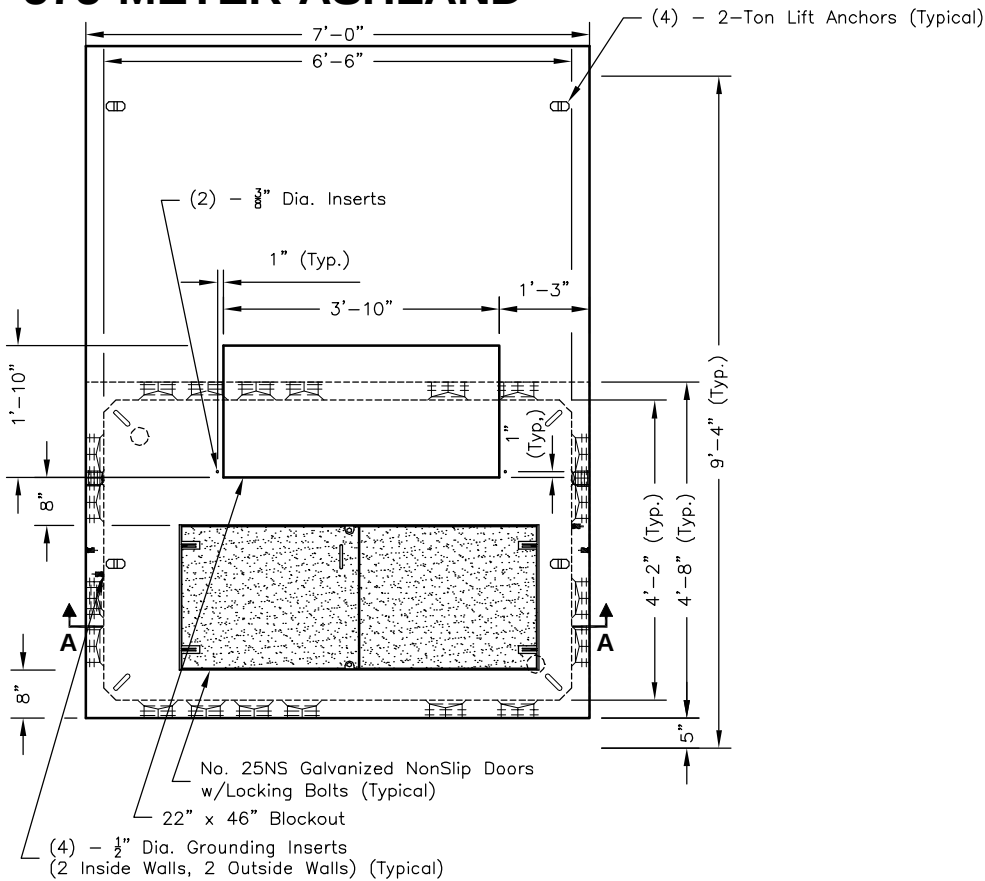
www.uvwilsonville.com

575-METER-ASHLAND

4 x 6

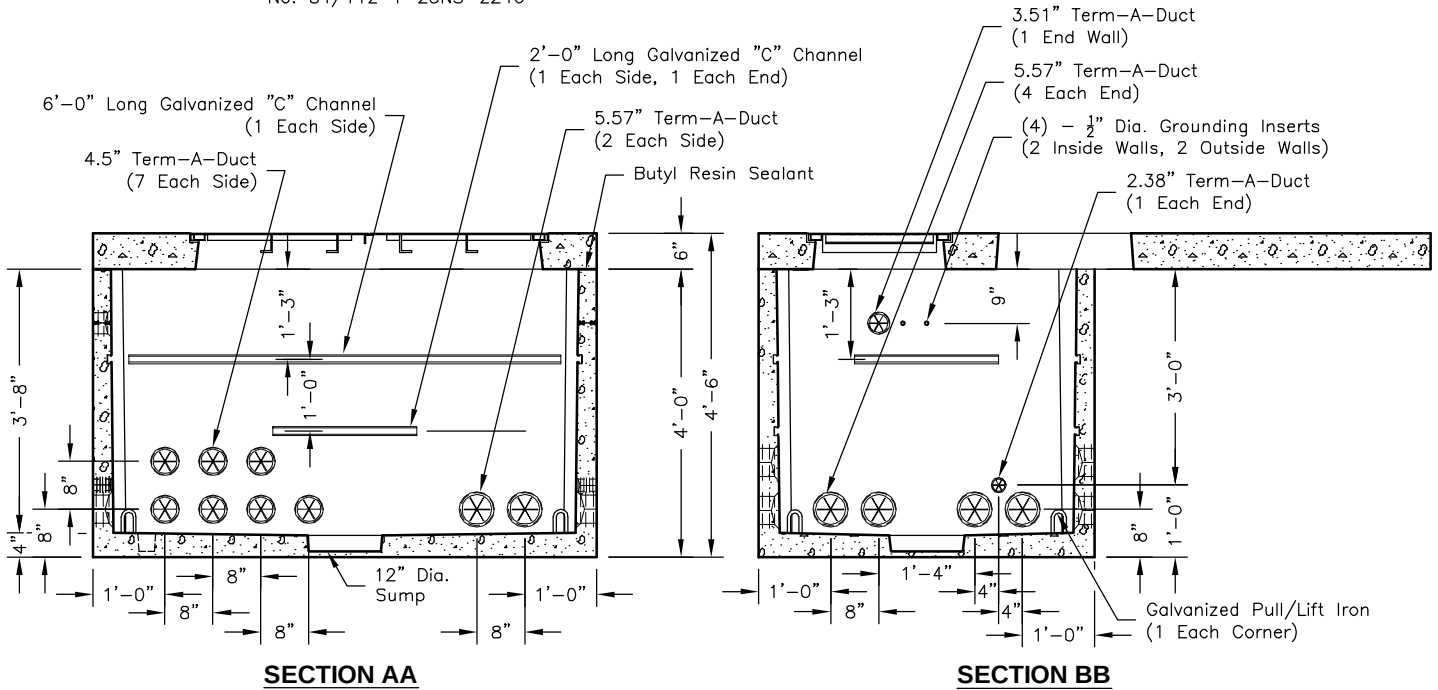
CITY OF ASHLAND

575-METER-ASHLAND



PLAN VIEW

No. 84/112-T-25NS-2246



SECTION AA

SECTION BB

Scale: $\frac{3}{8}$ " = 1'-0"



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575-METER-ASHLAND

File Name: 575-METERING-ASHLAND

Issue Date: Mar 2006

www.uvwilsonville.com

575-METER-ASHLAND

4 x 6

CITY OF ASHLAND

644-SECT-ASHLAND

Single Phase Sectionalizing Cabinet Padvault

TOP

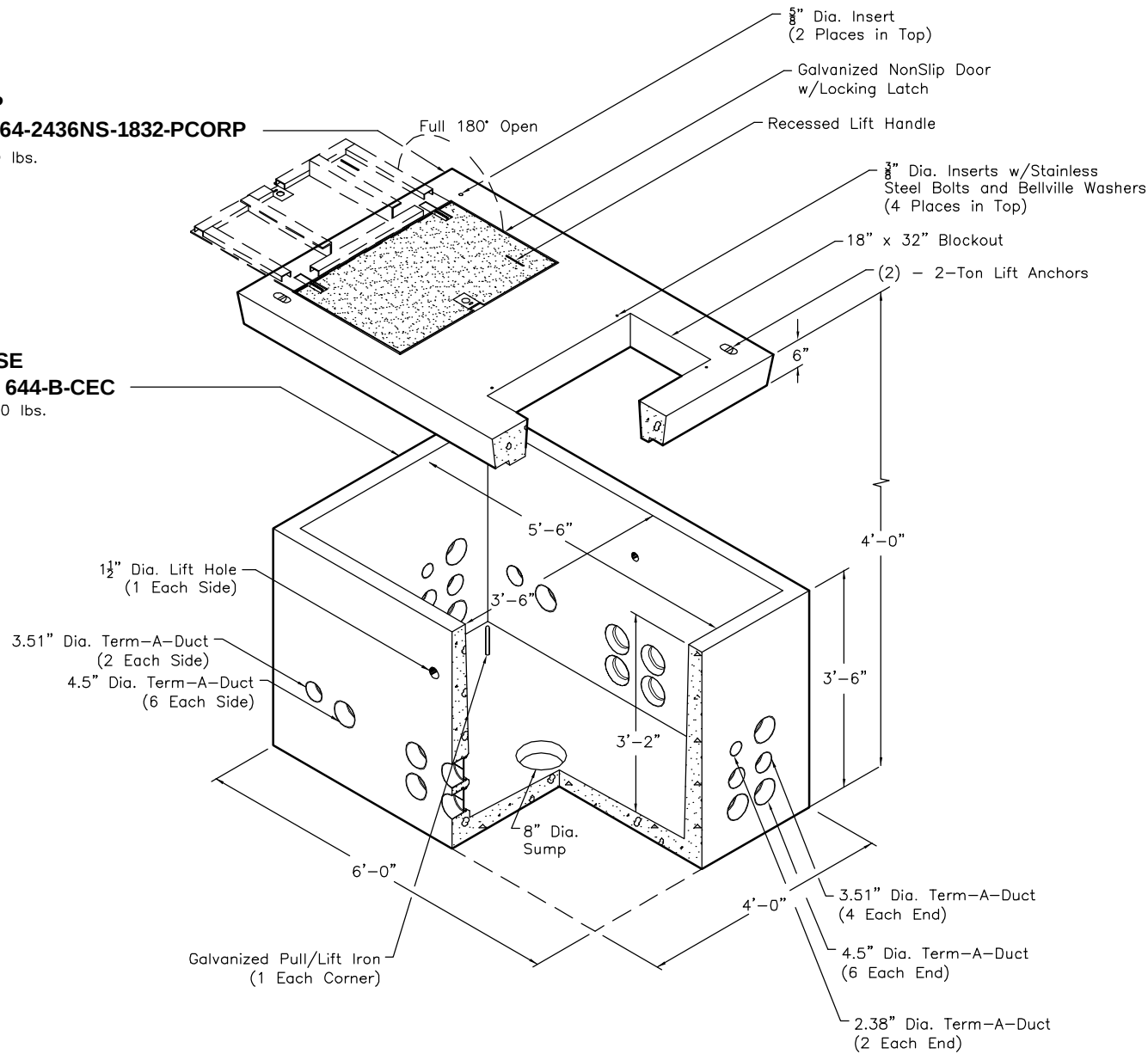
No. 64-2436NS-1832-PCORP

1,260 lbs.

BASE

No. 644-B-CEC

3,520 lbs.



Note:
- 4.5" to 3.51" reducer bushings are available.

Scale: 3/8" = 1'-0"



UTILITY VAULT™

a division of **Oldcastle** Precast

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644-SECT-ASHLAND

File Name: 644-SECT-ASHLAND

Issue Date: Feb 2006

www.uvwilsonville.com

644-SECT-ASHLAND

3 x 5

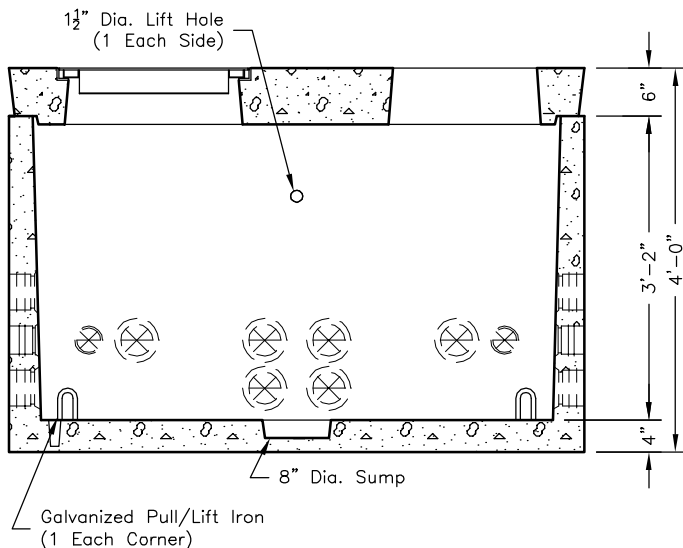
CITY OF ASHLAND

Technical drawing of a concrete slab layout showing dimensions and reinforcement details. The drawing includes a plan view of the slab with a central rectangular area labeled "18" x 32" Blockout". The slab is reinforced with (4) - 3/8" Dia. Inserts w/Stainless Steel Bolts and Bellville Washers. The layout also shows (2) - 5/8" Dia. Inserts and (2) - 2-Ton Lift Anchors. The dimensions are as follows:

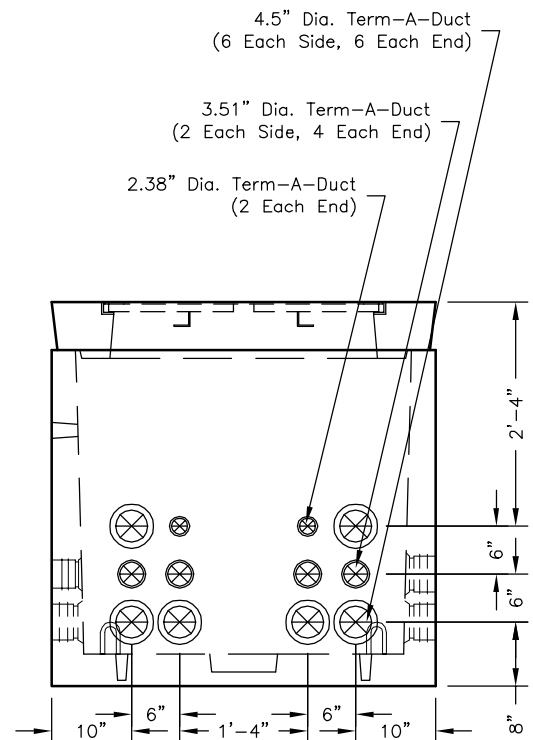
- Overall width: 6'-0"
- Overall depth: 4'-0"
- Blockout width: 18"
- Blockout depth: 32"
- Reinforcement spacing: 2'-4"
- Reinforcement diameter: (4) - 3/8" Dia. Inserts w/Stainless Steel Bolts and Bellville Washers
- Inserts: (2) - 5/8" Dia. Inserts
- Lift Anchors: (2) - 2-Ton Lift Anchors

PLAN VIEW

No. 644-2436NS-1832-PCORP (SINGLE PHASE SECTIONALIZING CABINET)



SECTION AA



END VIEW

Scale: $1/2" = 1'-0"$



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644-SECT-ASHLAND

File Name: 644-SECT-ASHLAND2

Issue Date: Feb 2006

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644-SECT-ASHLAND

3 x 5

CITY OF ASHLAND

644-TRANS-ASHLAND

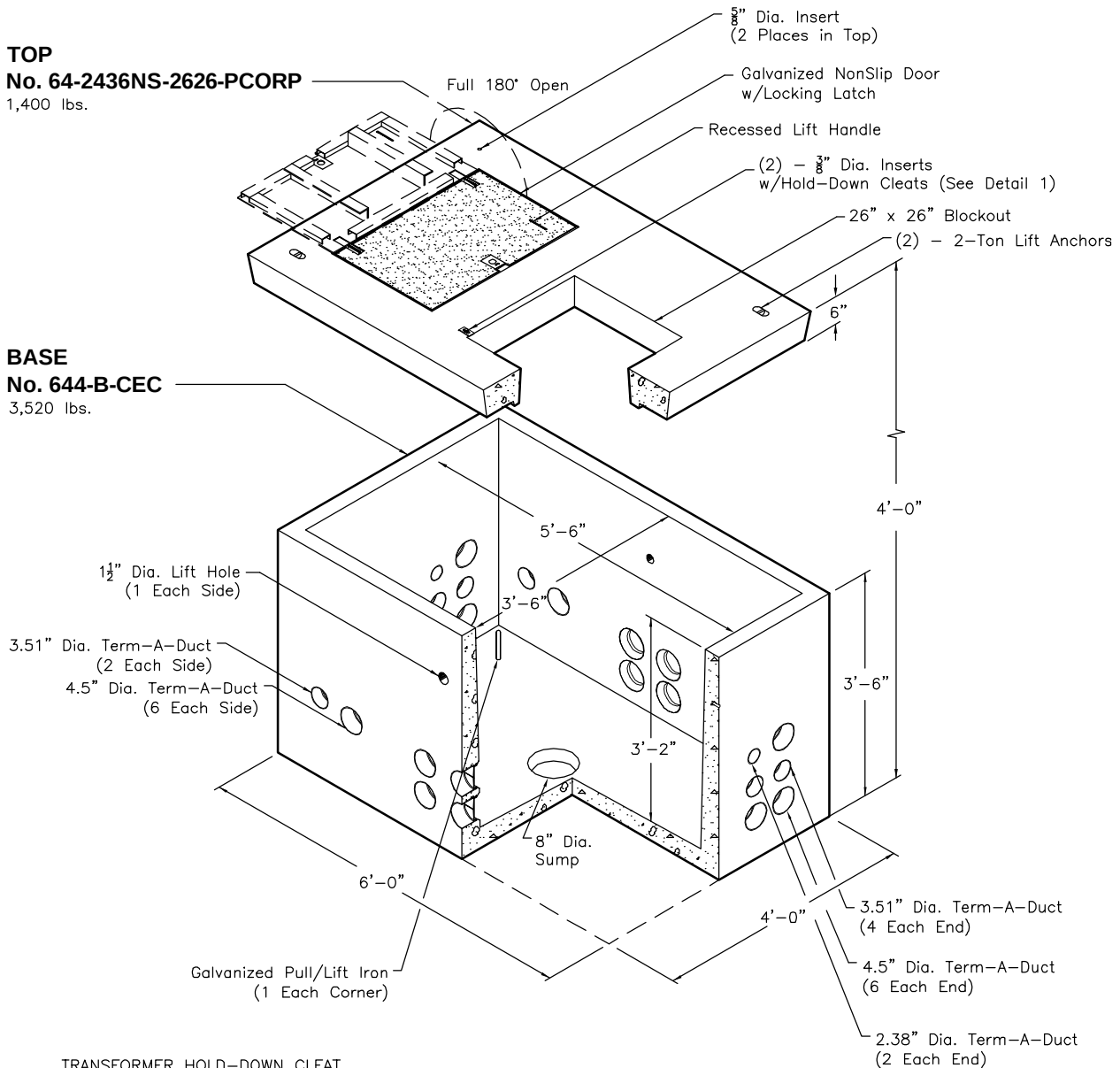
Single Phase Transformer Padvault

TOP

No. 64-2436NS-2626-PCORP
1,400 lbs.

BASE

No. 644-B-CEC
3,520 lbs.



TRANSFORMER HOLD-DOWN CLEAT



DETAIL 1

1 $\frac{1}{4}$ " x 2 $\frac{1}{2}$ " Stainless Steel Hold-Down Cleat - 2 Required
 $\frac{3}{8}$ " x 1 $\frac{1}{2}$ " Stainless Steel Bolt - 2 Required
 $\frac{3}{8}$ " Stainless Steel Belleville Washer - 2 Required

Note:

- 4.5" to 3.5" reducer bushings are available.

Scale: 3/8" = 1'-0"



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644-TRANS-ASHLAND

File Name: 644-TRANS-ASHLAND

Issue Date: Feb 2006

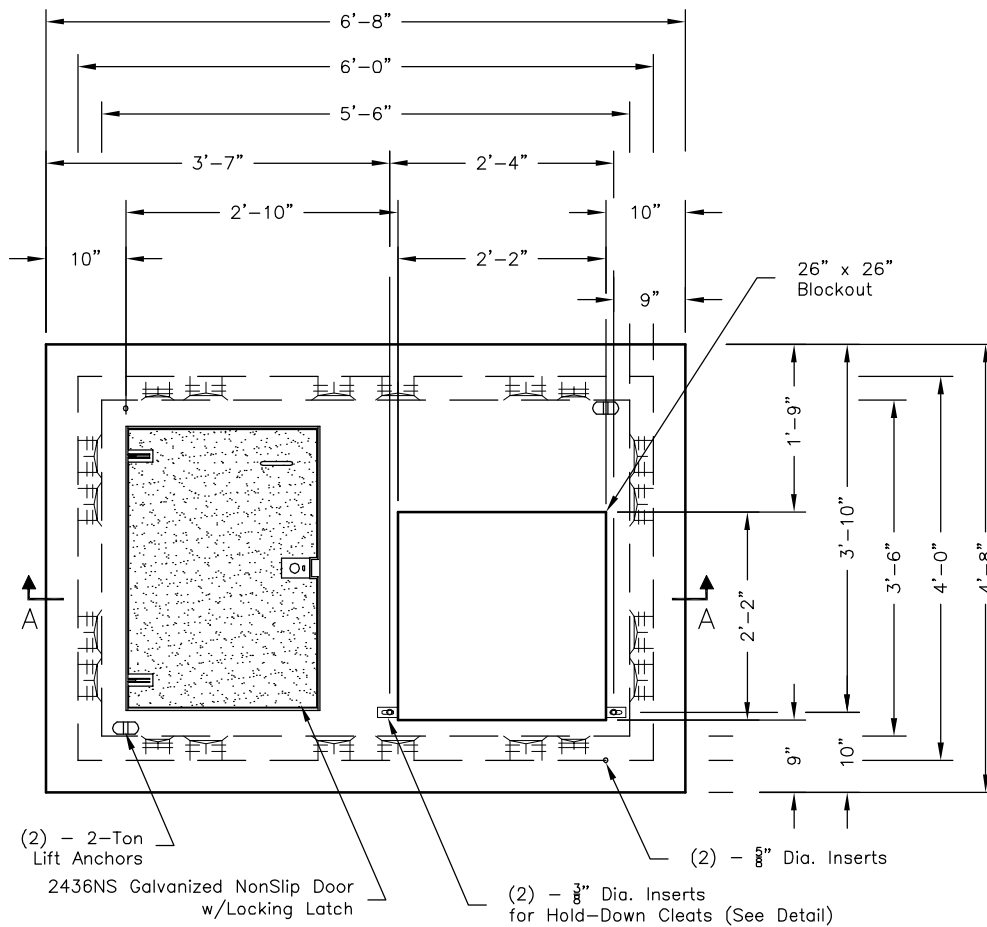
www.uvwilsonville.com

644-TRANS-ASHLAND

3 x 5

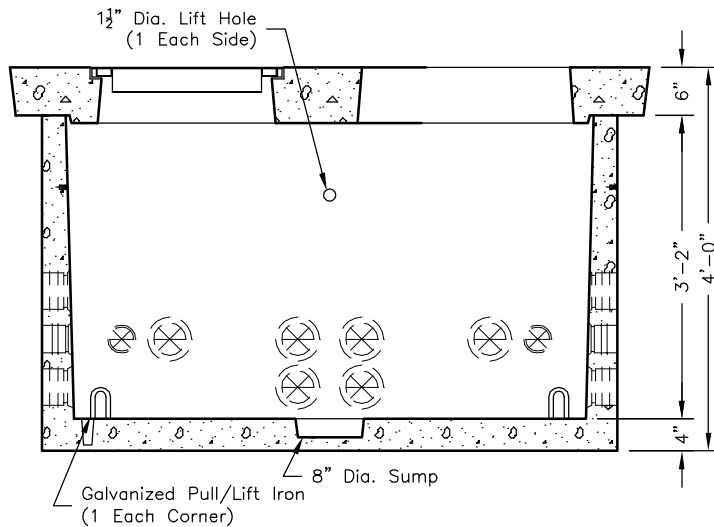
CITY OF ASHLAND

644-TRANS-ASHLAND



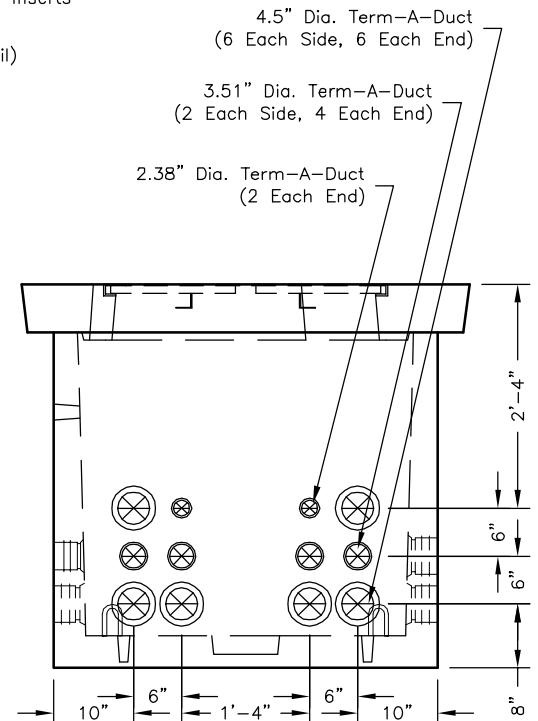
PLAN VIEW

No. 644-2436NS-2626-PCORP (SINGLE PHASE TRANSFORMER)



SECTION AA

Scale: 1/2" = 1'-0"



END VIEW



UTILITY VAULT™

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Tel: (503) 682-2844 Fax: (503) 682-2657

644-TRANS-ASHLAND

File Name: 644-TRANS-ASHLAND2

Issue Date: Feb 2006

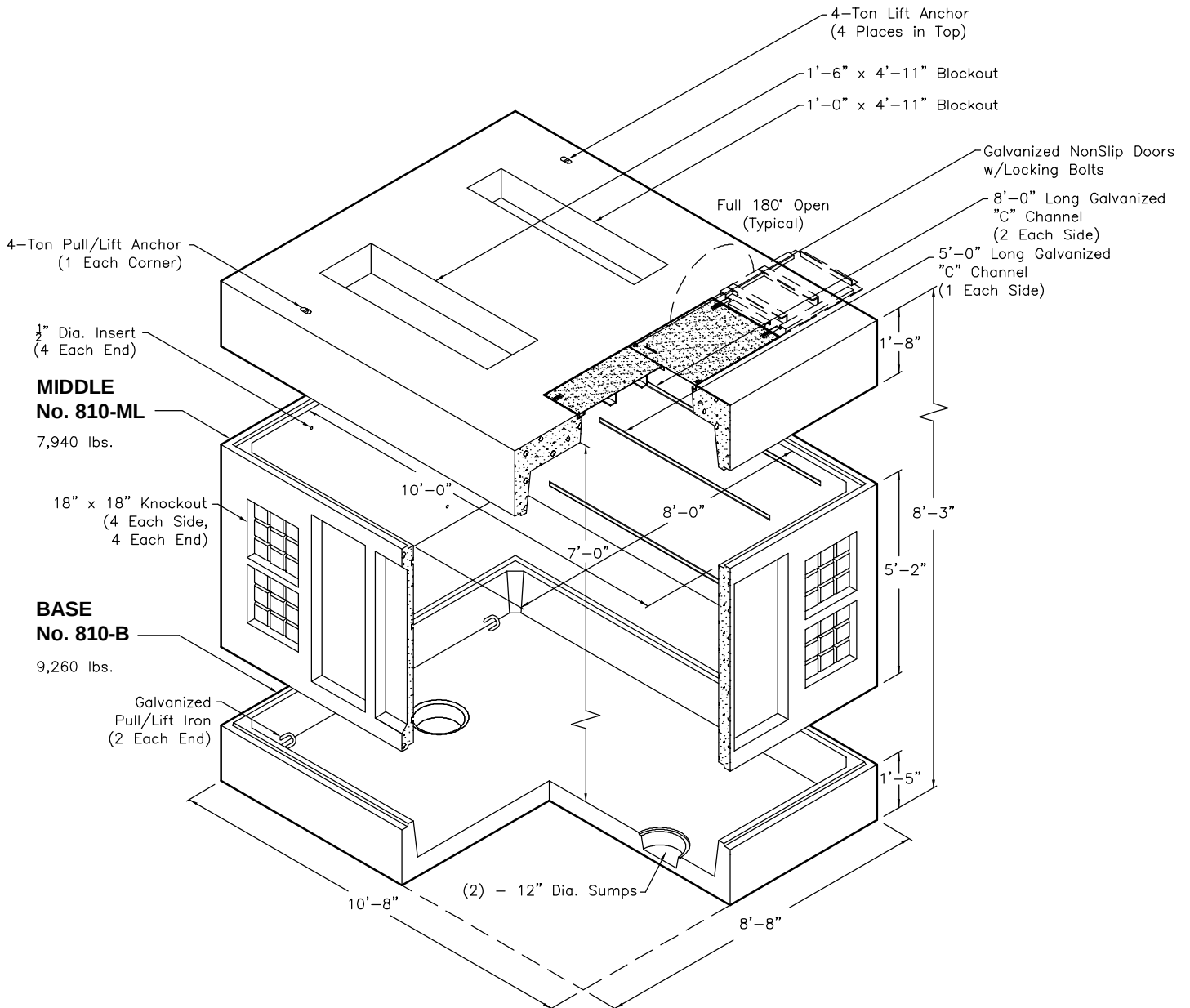
www.uvwilsonville.com

644-TRANS-ASHLAND

3 x 5

CITY OF ASHLAND

810-ASHLAND



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



UTILITY VAULT™

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810-ASHLAND

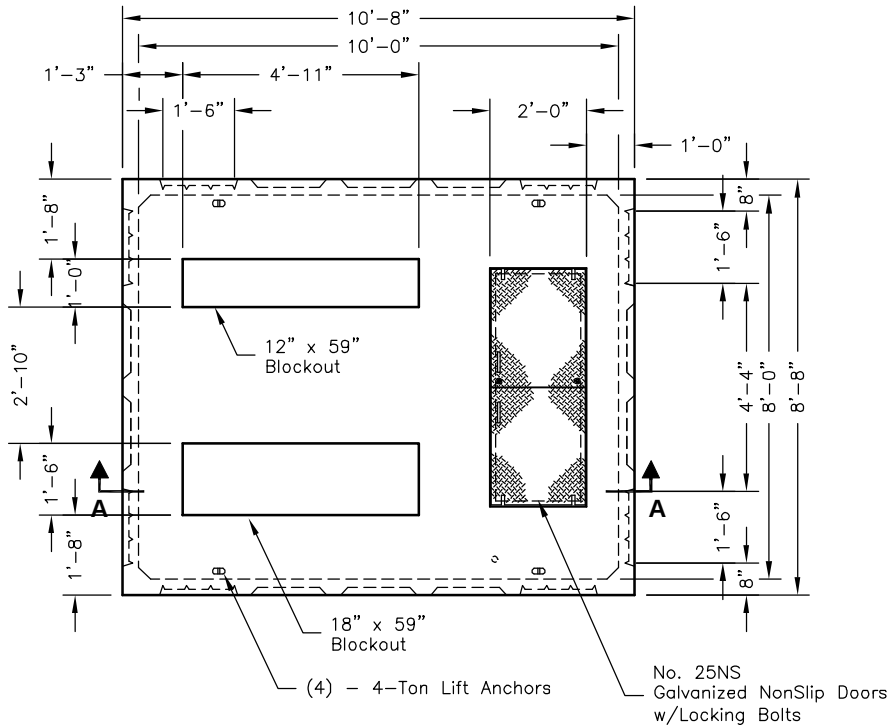
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Issue Date: Feb 2006

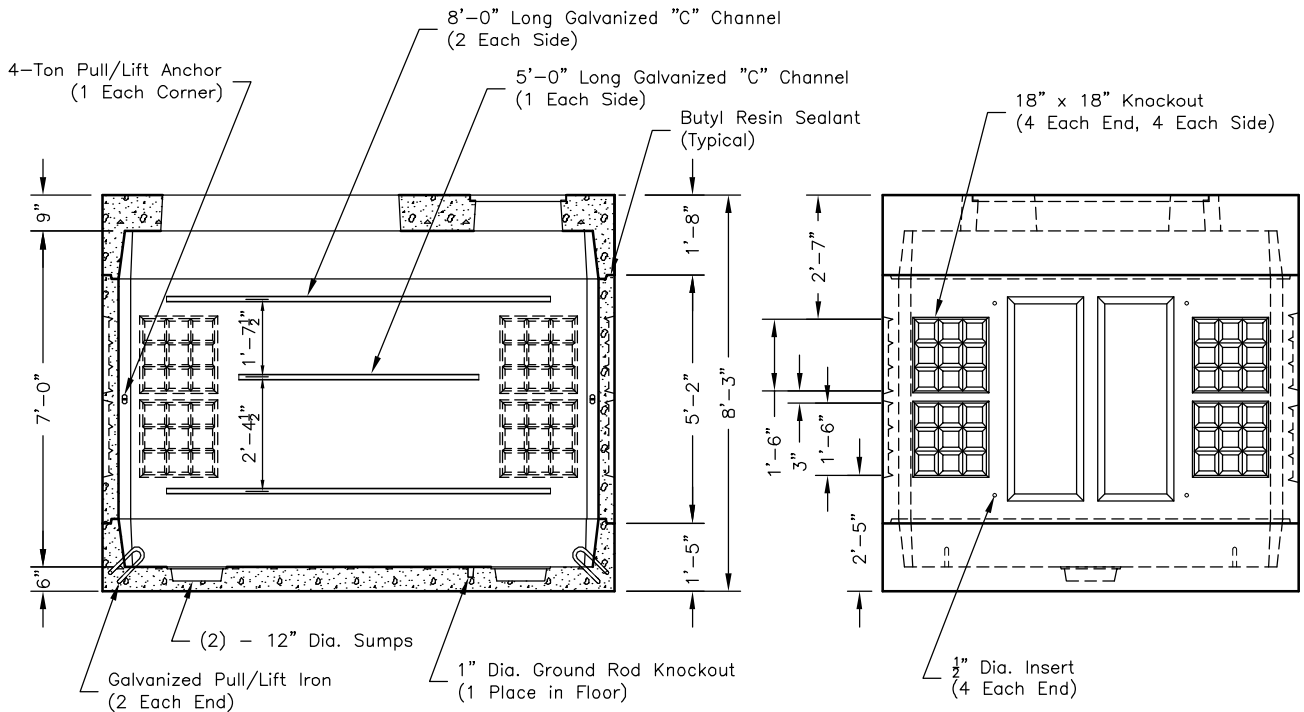
www.uvwilsonville.com

810-ASHLAND
8 x 10
CITY OF ASHLAND

810-ASHLAND



PLAN VIEW



SECTION AA

END VIEW

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



UTILITY VAULT™

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810-ASHLAND

File Name: 810-ASHLAND2

Issue Date: Feb 2006

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810-ASHLAND
8 x 10
CITY OF ASHLAND