



**CITY OF LODI  
COUNCIL COMMUNICATION**

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**AGENDA TITLE:** Adopt resolution approving specifications, authorizing advertisement for bids, and further authorizing the City Manager to award or reject all bids for the purchase of underground utility vaults and accessories (not to exceed \$14,000) (EUD)

**MEETING DATE:** October 6, 2004

**PREPARED BY:** Electric Utility Director

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**RECOMMENDED ACTION:** That the City Council adopt a resolution to approve the specifications, authorize advertisement for bids, and further authorize the City Manager to award to the lowest bidder, or to reject all bids, for the following concrete underground utility vaults, extension risers, vault covers, and sealant:

- 8 each 4'8" x 4'8" x 3'8" concrete vault, Lodi Spec 922 5679
- 8 each 4'8" x 4'8" x 6" extension ring (riser), Lodi Spec 922 5680
- 8 each hinged cover for 4'8" x4'8" vault, Lodi Spec 922 5681
- 24 rolls butyl sealant for precast structures

**BACKGROUND INFORMATION:** The Engineering Division of the Electric Utility Department is preparing work orders for installation of electrical service in the Vintner's Square development and the Legacy Estates subdivision. Vintner's Square is expected to require four vault sets (vaults, risers and covers), two in the shopping center and two in the residential development, while Legacy Estates is expected to require four.

Two manufacturers of concrete vaults have been approved by the Electric Utility Department and are likely to submit bids on these precast structures, Jensen Precast of Sacramento and Oldcastle Materials' Utility Vault Division of Pleasanton.

**BID OPENING:** October 20, 2004

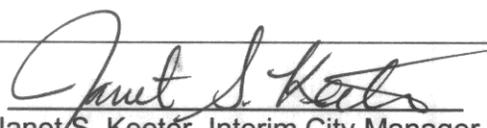
**FUNDING:** Electric Utility Dept 2003-2005 Financial Plan and Budget, Page E-41, Business Unit 161651 (Line Extensions) - (Estimated \$14,000)

  
James R. Krueger, Finance Director

  
Alan N. Vallow, Electric Utility Director

Attachment: Specifications  
Prepared by Joel Harris, Purchasing Officer  
cc: Hans Hansen, Manager, Electric Utility Engineering and Operations

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**APPROVED:**   
Janet S. Keeter, Interim City Manager

**EQUIPMENT SPECIFICATIONS**  
**CONCRETE VAULT ASSEMBLY (LODI 504-LA)**

**GENERAL:**

This specification and the attached drawing are for accessory layout and not intended to include all aspects of the vault design. Vault, lid and riser sections are to seal without grouting. Vault assembly to meet requirements of latest revisions of AASHTO and ASTM standards.

**COVER ASSEMBLY:**

Cover to be as specified on work order drawing(s).

**ACCESSORY RING:**

Accessory ring to be as specified on work order drawing(s).

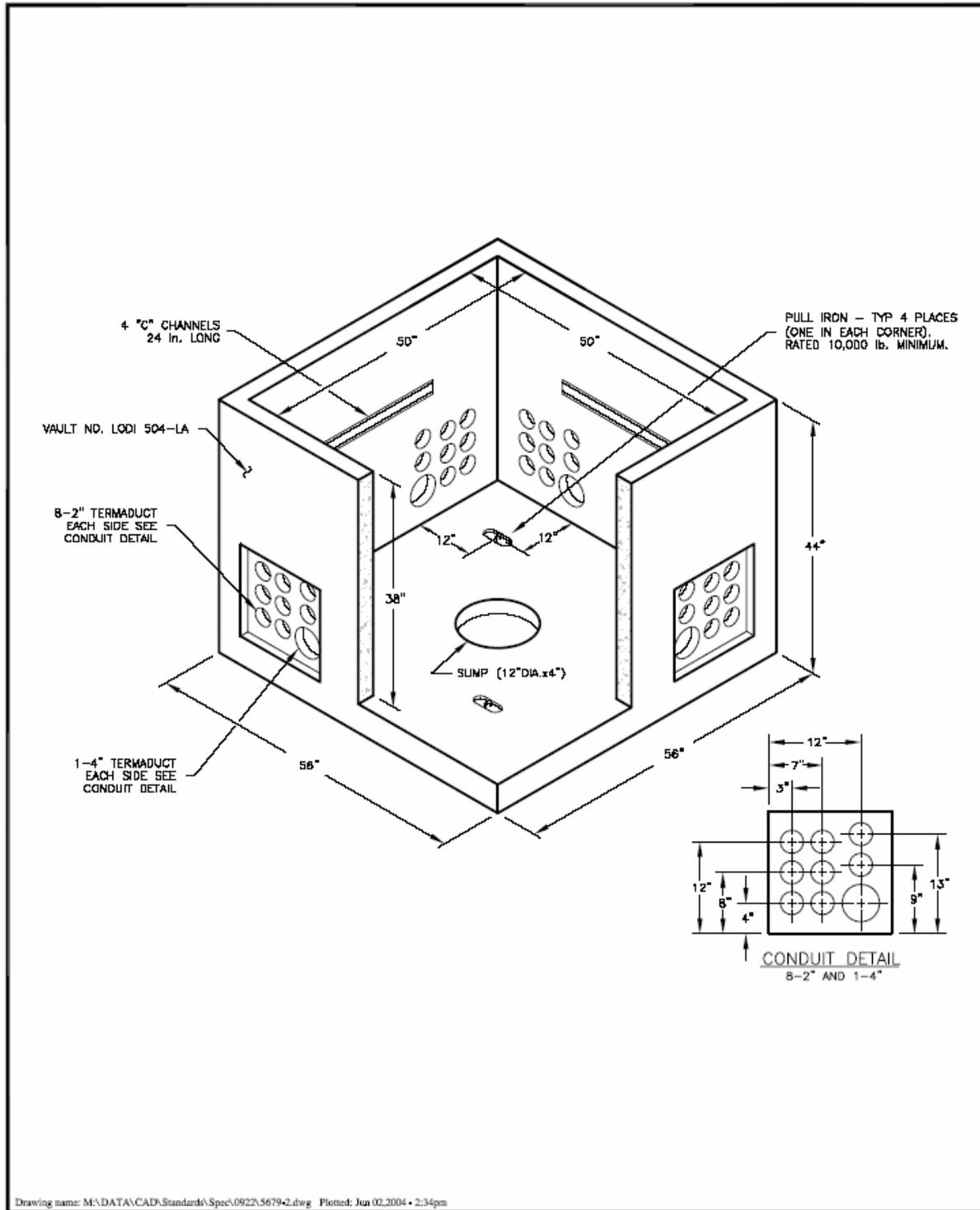
**VAULT:**

Overall outside dimensions shall be within  $\pm 2$  in. of dimensions shown on the attached drawing unless otherwise approved by the Electric Utility Department.

Vault to be equipped with accessories as shown on the attached drawing.

Drawing name: M:\DATA\CAD\Standard\Spec\0922\5679-1.dwg Plotted: Jun 02,2004 • 2:33pm

 <b>CITY OF LODI</b> ELECTRIC UTILITY DEPARTMENT	CONSTRUCTION STANDARD <b>CONCRETE VAULT ASSEMBLY</b> LODI 504-LA				SHEET 1 OF 2	922 5679
	21OCT99	BA	AMS	<i>AMS</i>	<i>H. Harvey</i>	
DATE	DRAWN	DESIGNED	CHECKED	APPROVAL		

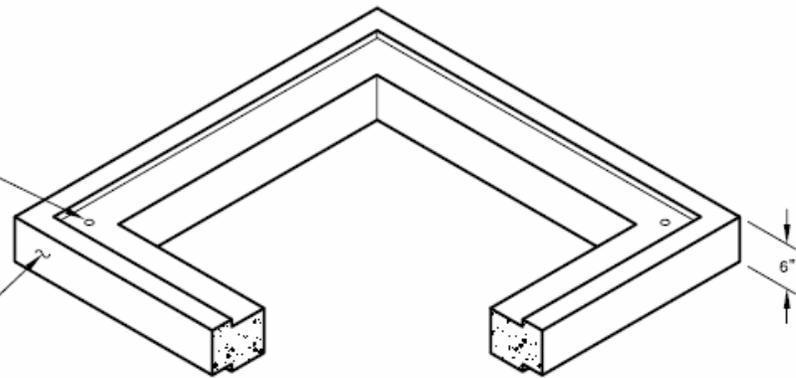


Drawing name: M:\DATA\CAD\Standards\Spec\0922\5679-2.dwg Plotted: Jun 02 2004 • 2:34pm

 <b>CITY OF LODI</b> ELECTRIC UTILITY DEPARTMENT				CONSTRUCTION STANDARD <b>PRIMARY VAULT</b> LODI 504-LA		
21OCT99	BA		<i>AMS</i>	<i>H. Harvey</i>	SHEET 2 OF 2	922 5679
DATE	DRAWN	DESIGNED	CHECKED	APPROVAL	REVISION 3	

P.D. CONCRETE  
LIFTING INSERT  
CODE NO. P-36-T  
TYP (4 PLCS)

RISER NO. LODI 55R



Drawing name: M:\DATA\CAD\Standard\Spec\0922\5680.dwg Plotted: Jun 02, 2004 • 2:35pm

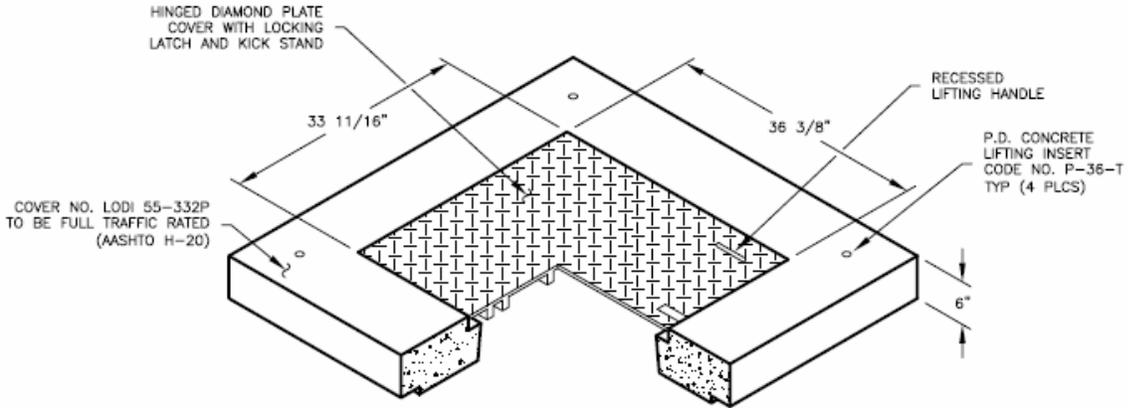


**CITY OF LODI**  
ELECTRIC UTILITY DEPARTMENT

CONSTRUCTION STANDARD

PRIMARY VAULT – ACCESSORY RING  
LODI 504-LA

21OCT99	TF	DJC	<i>AMS</i>	<i>H. Stanley</i>	SHEET 1 OF 1	922 5680
DATE	DRAWN	DESIGNED	CHECKED	APPROVAL	REVISION 1	



Notes:

Lid assembly to be constructed and supplied with the following:

- One piece design, hinged on one side
- Open 180 degrees and be equipped with latching mechanism (Kick Stand) to hold the lid securely in place at slightly over 90 degrees.
- Galvanized steel, diamond plate or Allgrip material
- Full traffic (AASHTO H-20) rated
- Minimum opening 33"x36"
- P.D. Concrete Lifting Inserts, Code No. P-36-T
- Pentahead Bolt

Drawing name: M:\DATA\CAD\Standard\Spec\0922\5681.dwg Plotted: Jun 02, 2004 • 2:35pm

 <b>CITY OF LODI</b> ELECTRIC UTILITY DEPARTMENT		CONSTRUCTION STANDARD <b>HINGED VAULT COVER</b> LODI 504-LA				
		DATE 21OCT99	DRAWN BA	DESIGNED  	CHECKED <i>AMS</i>	APPROVAL <i>H. Stanley</i>

**CONCRETE VAULTS & ACCESSORIES**

Specifications (Continued)

**VAULT SEALANT**

Concrete Sealants, Inc (ConSeal) CS-102 butyl sealant for concrete structures, or equivalent, supplied in rolls, 1" diameter x 14.5' length, 8 rolls per case.

Quantity this bid: 24 rolls (3 cases)

RESOLUTION NO. 2004-195

A RESOLUTION OF THE LODI CITY COUNCIL APPROVING  
SPECIFICATIONS AND AUTHORIZING ADVERTISEMENT FOR  
BIDS FOR UNDERGROUND UTILITY VAULTS AND  
ACCESSORIES, AND FURTHER AUTHORIZING THE CITY  
MANAGER TO AWARD THE BID TO THE LOWEST BIDDER  
UP TO \$14,000 OR REJECT ALL BIDS

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WHEREAS, the Engineering Division of the Electric Utility Department is preparing work orders for installation of electrical service in the Vintner's Square commercial development and the Legacy Estates subdivision; and

WHEREAS, Vintner's Square is expected to require four vault sets (vaults, risers, and covers), two in the shopping center and two in the residential development, while Legacy Estates is expected to require four; and

WHEREAS, two manufacturers of concrete vaults have been approved by the Electric Utility Department and are expected to submit bids on these precast structures, Jensen Precast, of Sacramento, and Oldcastle Materials' Utility Vault Division, of Pleasanton.

NOW, THEREFORE, BE IT RESOLVED that the Lodi City Council does hereby approve the specifications and authorize advertisement for bids for the underground utility vaults and accessories; and

BE IT FURTHER RESOLVED that the City Council hereby authorizes the City Manager to accept or reject all bids and award the bid not to exceed \$14,000 for the purchase of the following concrete underground utility vaults, extension risers, vault covers, and sealant:

- 8 each 4'8" x 4'8" x 3'8" concrete vault, Lodi Spec 922 5679
- 8 each 4'8" x 4'8" x 6" extension ring (riser), Lodi Spec 922 5680
- 8 each hinged cover for 4'8" x 4'8" vault, Lodi Spec 922 5681
- 24 rolls butyl sealant for precast structures

Dated: October 6, 2004

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I hereby certify that Resolution No. 2004-195 was passed and adopted by the City Council of the City of Lodi in a regular meeting held October 6, 2004, by the following vote:

- AYES: COUNCIL MEMBERS – Beckman, Hitchcock, and Howard
- NOES: COUNCIL MEMBERS – None
- ABSENT: COUNCIL MEMBERS – Land and Mayor Hansen
- ABSTAIN: COUNCIL MEMBERS – None

  
SUSAN J. BLACKSTON  
City Clerk