



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Approve specifications and authorize advertisement for bids for underground utility vaults (EUD)

MEETING DATE: March 19, 2003

PREPARED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council approve the specifications and authorize the advertisement for bids for the following underground utility vaults, risers, and lids:

- 7 each 4'8" x 4'8" x 3'8" concrete vault, Lodi Spec 09225679
- 7 each 4'8" x 4'8" x 6" extension ring (riser), Lodi Spec 09225680
- 7 each hinged cover for 4'8" x 4'8" vault, Lodi Spec 09225681
- 5 each 5'6" x 9'6" x 6'7" concrete vault, Lodi Spec 09225700
- 6 each galvanized steel cover for 5'6" x 9'6" vault, Lodi Spec 09225702

BACKGROUND INFORMATION: The Engineering Division of the Electric Utility Department is preparing or has prepared work orders for installation of electrical service in several new residential subdivisions within the City.

Some of the subdivisions where these vaults, risers and covers will be used are Century Meadows #1 Units 2 and 3, Century Meadows #2 Unit 4, Meadows #3 Unit 4, Almondwood Estates, Legacy Estates, and Woodhaven #3.

FUNDING: Electric Utility Department's Fiscal Year Plan, Page E-29
Estimated Cost: \$36,000

BID OPENING: April 9, 2003

Handwritten signature of Alan N. Vallow in black ink.

Alan N. Vallow, Electric Utility Director

Prepared by Joel Harris, Purchasing Officer

cc: Hans Hansen, Manager, Electric Utility Engineering and Operations

APPROVED:

Handwritten signature of Dixon Flynn in black ink.

Dixon Flynn -- 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.

LID ASSEMBLY:

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

RISER:

Riser to be 6" high and equipped with accessories as shown on the attached drawing.

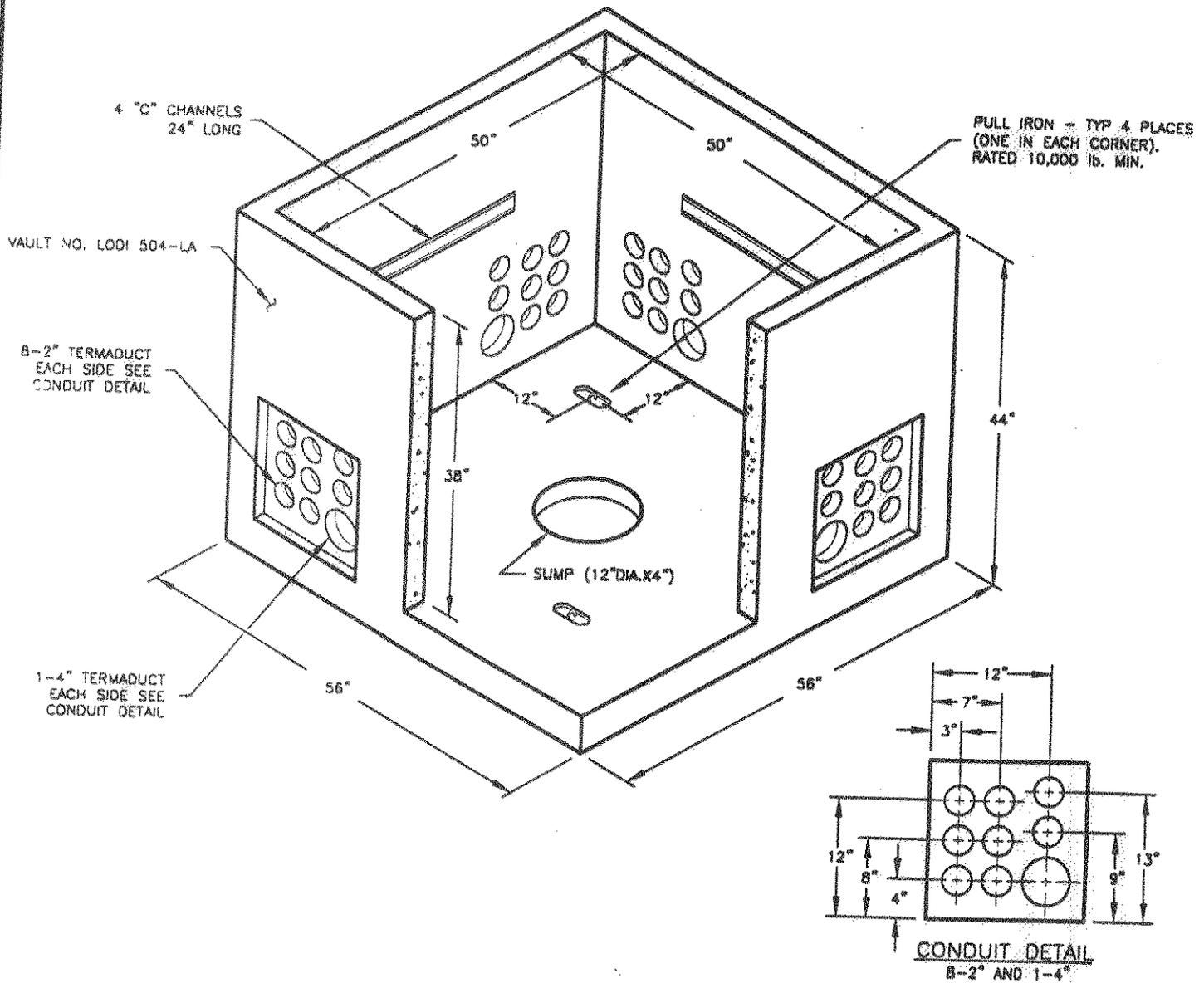
VAULT:

Overall outside dimensions shall be within ± 2 " 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.

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 CITY OF LODI ELECTRIC UTILITY DEPARTMENT				ENGINEERING STANDARD CONCRETE VAULT ASSEMBLY LODI "504-LA"		
11/14/96	AMS	AMS		SHEET	1 OF 2	
DATE	DRAWN	DESIGNED	CHECKED	APPROVAL	REVISION	
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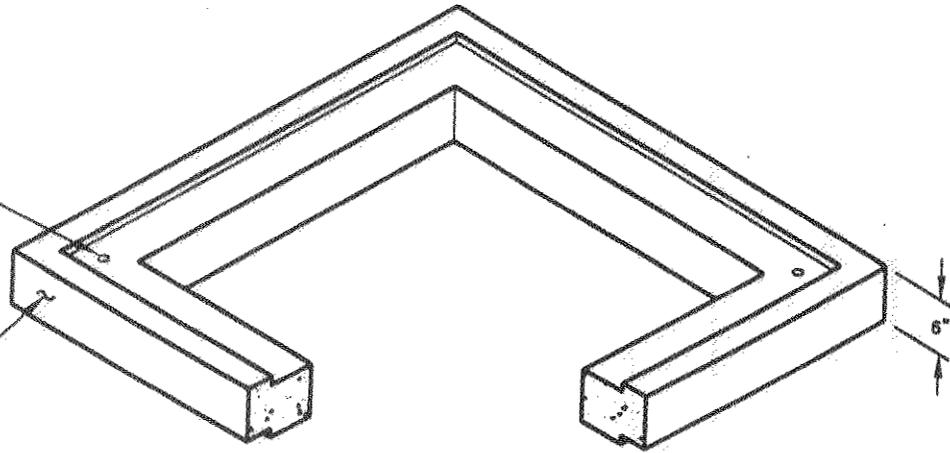
CITY OF LODI
ELECTRIC UTILITY DEPARTMENT

ENGINEERING STANDARD
PRIMARY VAULT
LODI 504-LA

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DATE	DRAWN	DESIGNED	CHECKED	APPROVAL	REVISION 1	

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

RISER NO. LODI 55R



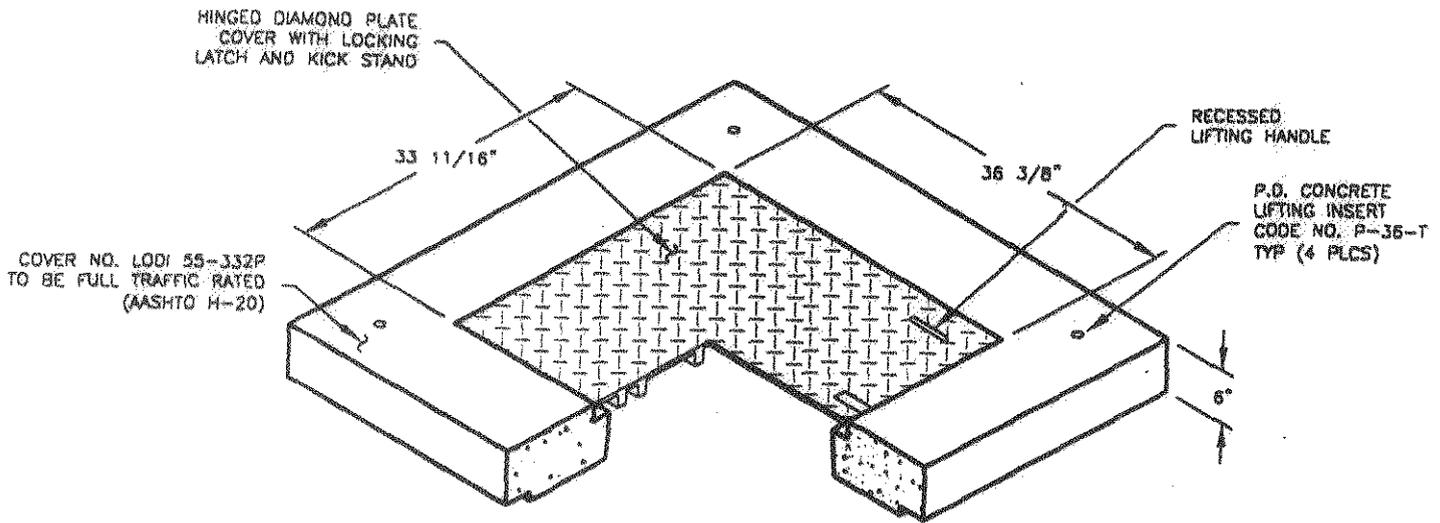
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CITY OF LODI
ELECTRIC UTILITY DEPARTMENT

CONSTRUCTION STANDARD
PRIMARY VAULT - ACCESSORY RING
LODI 504-LA

07JAN99	TF	DJC			SHEET 1 OF 1	09225680
DATE	DRAWN	DESIGNED	CHECKED	APPROVAL	REVISION	



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" X 36"
- P.D. Concrete Lifting Inserts, Code No. P-36-T

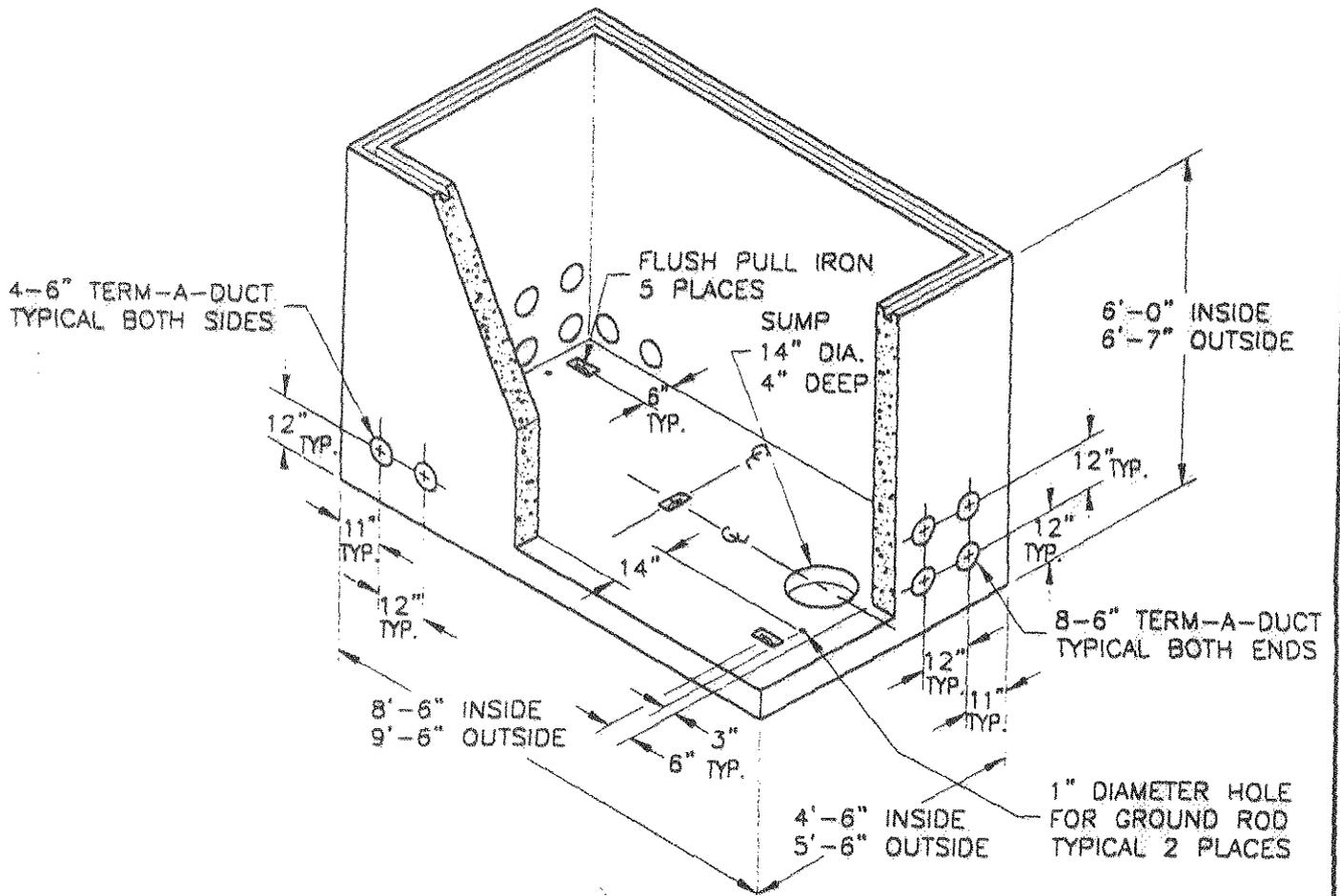
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CITY OF LODI
ELECTRIC UTILITY DEPARTMENT

ENGINEERING STANDARD
HINGED VAULT COVER
LODI 504-LA

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CITY OF LODI
ELECTRIC UTILITY DEPARTMENT

ENGINEERING STANDARD
PRIMARY VAULT - FULL TRAFFIC
LODI - 48

15APR97

BA

AMS

DATE

DRAWN

DESIGNED

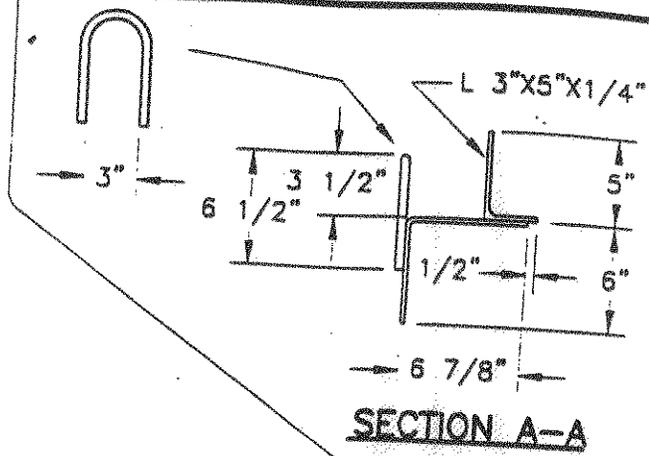
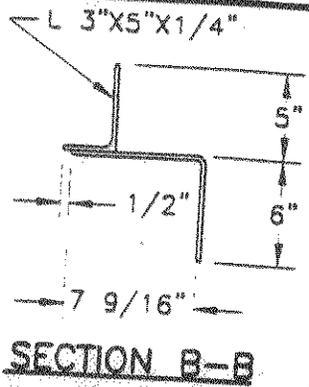
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APPROVAL

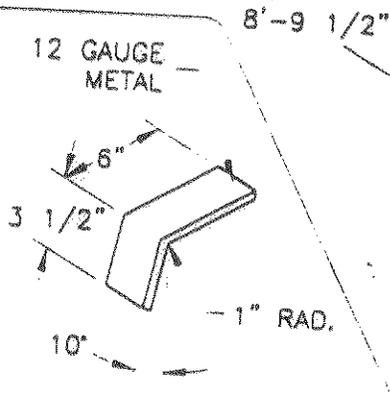
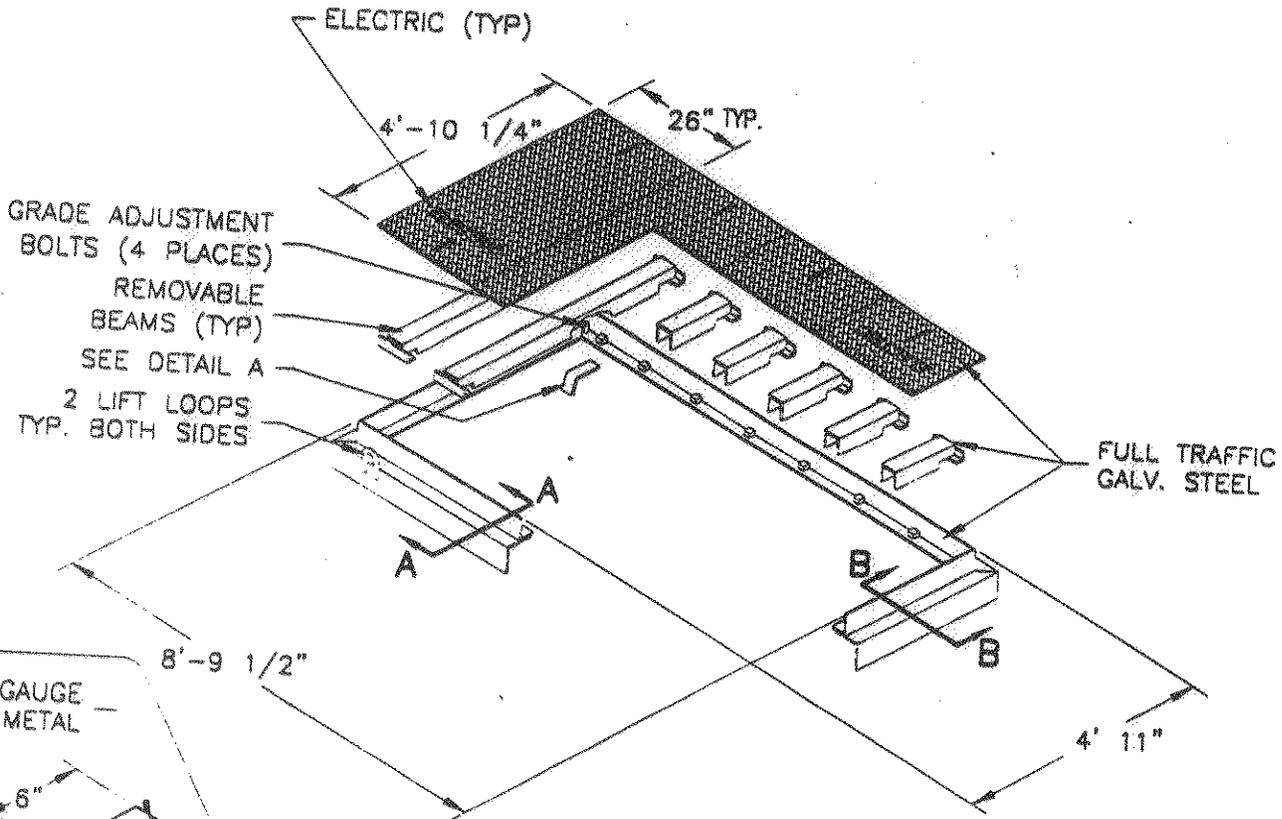
SHEET 1 OF 1

REVISION 1

09225700



NOTE:
 PULL IRON TO BE
 RATED 10,000 LBS.
 MIN. (VERTICAL)



DETAIL A
 ADJUSTMENT BOLT SUPPORT
 BRACKET (4 PLACES)



CITY OF LODI
 ELECTRIC UTILITY DEPARTMENT

ENGINEERING STANDARD
GALVANIZED STEEL COVER - FULL TRAFFIC
 LODI - 48

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