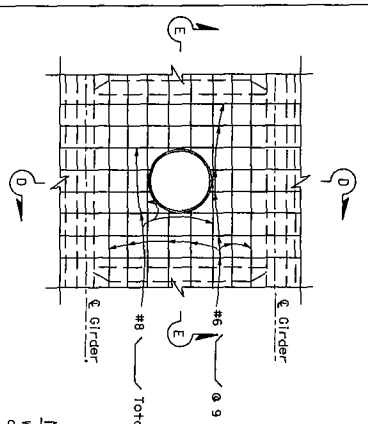
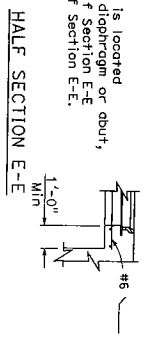


NOTES:

1. For exact location of openings see other sheets.
2. Location and size of manholes may be modified as directed by the Engineer, provided minimum dimensions are maintained.
3. All reinforcement detailed to be placed in addition to reinforcement shown on other sheets.



NOTE:
Where manhole is located adjacent to curb or abut, substitute half Section E-E on one side of Section E-E.



NOTES:

1. The manhole frame and cover shall be made of gray cast iron. Weight for payment is 435 LBS.
2. All parts of the manhole frame and cover except machined surfaces shall be coated with asphaltum paint.
3. The manhole frame and cover shall be tested for accuracy of fit and shall be marked in sets before delivery. The cover shall fit the frame snugly but not tightly.
4. Covers for use on sewer structures shall bear the letters "S" on storm drain structures the letter "D" on openings for utilities the letter "U".
5. The weight shall not vary more than ten percent from the weight for payment.
6. Step inserts may be substituted for the standard step detail. Step inserts shall comply with State Industrial Safety requirements.

NON-ROCKING MANHOLE FRAME & COVER FOR DECKS DETAIL U45

NOTES:

1. Frame and cover shall be cast iron. Weight for payment is 235 LBS.
2. Galvanize complete assembly after fabrication.
3. The weight shall not vary more than ten percent from the weight for payment.
4. Cover shall be supplied with bolt down or locking devices.

MANHOLE FRAME & COVER FOR SIDEWALKS DETAIL U46

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
UTILITY DETAILS
NO SCALE

COUNTY	ROUTE	POST MILES	SHEET TOTAL
		TOTAL PROJECT	NO. SHEETS
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