


- ① FRAME AND COVER, SEE DETAIL #302.
- ② GRADE RINGS, 24 INCH INSIDE DIAMETER; 3 INCH MIN., 18 INCH MAX. FROM CONE TO FINISH GRADE.
- ③ STANDARD 48 INCH ECCENTRIC MANHOLE REDUCER CONE SHOWN WITH COPOLYMER POLYPROPYLENE STEPS.
- ④ TWO #5 REBAR EACH WAY.
- ⑤ CLASS "A" CONCRETE.
- ⑥ EXISTING STORM DRAIN PIPE.
- ⑦ CLASS "A" CONCRETE COLLAR WITH 2" AC.
- ⑧ STREET STRUCTURAL SECTION.
- ⑨ STANDARD FORTY EIGHT (48) INCH DIAMETER MANHOLE SECTION, CONFORMING TO ASTM C478 LATEST REVISION WITH FOUR (4) INCH MINIMUM WALL THICKNESS. COPOLYMER POLYPROPYLENE STEPS REQUIRED @ 12" O.C. FOR MANHOLES MORE THAN THREE (3) FEET DEEP.

**NOTE:**

SADDLE MANHOLES SHALL ONLY BE ALLOWED ON STORM DRAIN PIPE GREATER THAN 36 INCHES IN DIAMETER, PROVIDED THAT NO JUNCTION EXISTS WITH ANY OTHER STORM DRAIN CONDUIT AT THE MANHOLE.

THE CITY OF WEST SACRAMENTO - STANDARD DETAIL

APPROVED BY:  CITY ENGINEER	C-38733 P.E. NO.	3/31/05 DATE
REVISION:		
REVISION:		
REVISION:		
REVISION:		

TITLE:  
**SADDLE MANHOLE**

STANDARD  
DETAIL #: 304

