VERTICAL SECTION OF REINFORCED CONCRETE ECCENTRIC MANHOLE SHAFT

2-1/2" RINGS SHALL BE REINFORCED WITH TWO 1/4" ROUND STEEL HOOPS; 6 INCH AND 8 INCH RINGS SHALL BE REINFORCED WITH 4 HOOPS, TIED WITH NO. 14 A.S. & W. GA. WIRE 8" O.C.

NOTES:

1. ALL JOINTS SHALL BE FILLED WITH 1-2 CLASS C MORTAR AND NEATLY POINTED OR WIPPED ON INSIDE OF SHAFT.

2. MANHOLE FRAME AND COVER PER STD-112-L WITH LETTER "D" IN CENTER OF COVER SURFACE OF LETTER SHALL FLUSH WITH FINISHED SURFACE OF COVER.

3. PRESSURE MANHOLE FRAME AND COVER SHALL BE ALHAMBRA FOUNDRY A-1500 OR APPROVED EQUAL, WITH LETTER "D" IN CENTER OF COVER, SURFACE OF LETTER SHALL FLUSH WITH FINISHED SURFACE OF COVER.

4. ECCENTRIC MANHOLE SHAFT, REDUCER AND RINGS MAY BE PLAIN CONCRETE. FOR UNREINFORCED SECTIONS, THE MINIMUM THICKNESS SHALL BE 6 INCHES.

5. TOP STEP SHALL BE PLACED DIRECTLY BENEATH THE MANHOLE COVER FRAME EXCEPT WHERE SHOWN OTHERWISE, SPACING OF STEPS IN SHAFT SHALL BE 12 INCHES ON CENTER. SEE STD-404-L.

ADOPTED FROM LACDPW STD. DWG. NO. 3029-O REF. STD-112-L; STD-404-L REV. 9/93

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

CONCRETE RINGS, REDUCER AND SHAFT FOR STORM DRAIN MANHOLE