VERTICAL SECTION OF
REINFORCED CONCRETE
ECCENTRIC MANHOLE SHAFT

VERTICAL SECTION OF
PLAIN CONCRETE
ECCENTRIC MANHOLE SHAFT

NOTES:

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

2. MANHOLE FRAME AND COVER PER STD 318 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 317.

ADOPTED FROM LACDPW STD. DWG. NO. 3029-0
REF. STD 317 AND 318

CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

CONCRETE RINGS, REDUCER AND SHAFT FOR SD MANHOLE

STANDARD DRAWING NO.

322