



GENERAL NOTES:

1. TOP STEP SHALL BE NO MORE THAN 24" FROM THE TOP OF THE STRUCTURE.
2. BOTTOM STEP SHALL BE NO MORE THAN 30" ABOVE THE INVERT.
3. STEP SPACING SHALL BE 16" ON CENTER.
4. STEPS MAY BE CAST IN PLACE OR EPOXIED IN 1 1/4" DIAMETER DRILL HOLES.
5. STEPS FOR STORM DRAIN MANHOLES AND OTHER STRUCTURES SHALL BE POLYPROPYLENE WITH A 1/2" DIAMETER 80,000 PSI TENSILE STRENGTH STEEL CORE PER ASTM A-82 AND ASTM C-478 PARAGRAPH 11.
6. EPOXY SHALL CONFORM TO STATE OF CALIFORNIA SPECIFICATION 95-1.02D AND BE USED IN STRICT ACCORD WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS.
7. PLASTIC MATERIAL SHALL BE COPOLYMER POLYPROPYLENE ASTM TYPE II GRADE 43758.

FORMER CITY STANDARD PLAN NUMBER (2004 EDITION): STD 404-L

APP. *James M. Hinkle* 51568 11/24/2020
 CITY ENGINEER RCE DATE

NO.	DATE	DESCRIPTION OF REVISIONS

CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

DRAWN: M. ELIAS
 DATE: 11/3/2020

STEPS FOR MANHOLES AND STRUCTURES

STANDARD DRAWING NO.

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SHEET 1 OF 1