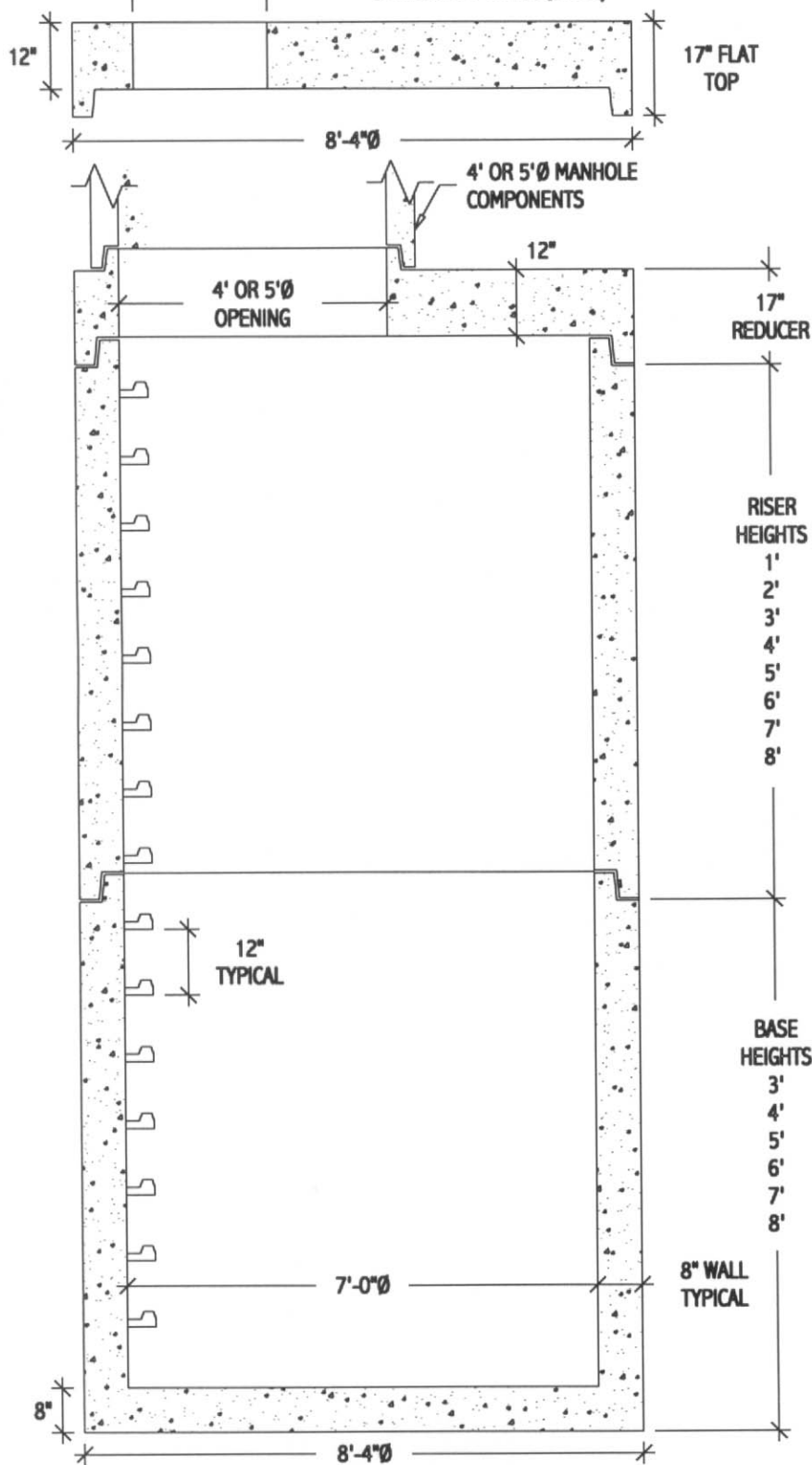


24", 30", OR 36"Ø OPENING
(CUSTOM OPENINGS OR HATCHES
CAN BE CAST ON REQUEST.)



7' DIAMETER MANHOLE COMPONENTS

MANHOLE DESIGN SPECIFICATION
CONFORMS TO LATEST:
ASTM DESIGNATION C478

NOTES:

1. JOINT SEALANT IS BUTYL RUBBER MASTIC TYPE SEAL THAT CONFORMS TO LATEST AASHTO SPECIFICATION M-198. MEETS FEDERAL SPECIFICATION SS-S-0021(210-A).
2. REINFORCING STEEL WELDED WIRE FABRIC CONFORMS TO LATEST ASTM SPECIFICATION A185.
3. REINFORCING STEEL DEFORMED BARS CONFORM TO LATEST ASTM SPECIFICATION A615.
4. CONCRETE COMPRESSIVE STRENGTH- 4000 PSI AT 28 DAYS.
5. MANHOLE STEPS MEET LATEST OSHA REGULATION 29 CFR 1910.27 AND SECTION 16 OF ASTM SPECIFICATION C478.
6. WHEN SPECIFIED, MANHOLES ARE COATED WITH KOPPERS SUPER SERVICE BLACK OR EQUAL.
7. METHOD OF MANUFACTURE: WET CAST.

WEIGHT CHART

PRODUCT	APPROX WEIGHT
3' BASE	11200 LBS.
4' BASE	13500 LBS.
5' BASE	15800 LBS.
6' BASE	18100 LBS.
7' BASE	20400 LBS.
8' BASE	22700 LBS.
1' RISER	2400 LBS.
2' RISER	4700 LBS.
3' RISER	7000 LBS.
4' RISER	9300 LBS.
5' RISER	11600 LBS.
6' RISER	13900 LBS.
7' RISER	16300 LBS.
8' RISER	18500 LBS.
17" REDUCER, 7' TO 4' DIA	5400 LBS.
17" REDUCER, 7' TO 5' DIA	5800 LBS.
FLAT SLAB TOP W/ 24" OPENING	7900 LBS.
FLAT SLAB TOP W/ 30" OPENING	7650 LBS.
FLAT SLAB TOP W/ 36" OPENING	7350 LBS.



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