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Manufacturers of Concrete Products
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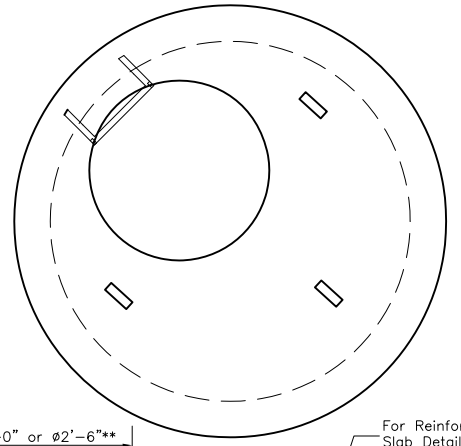
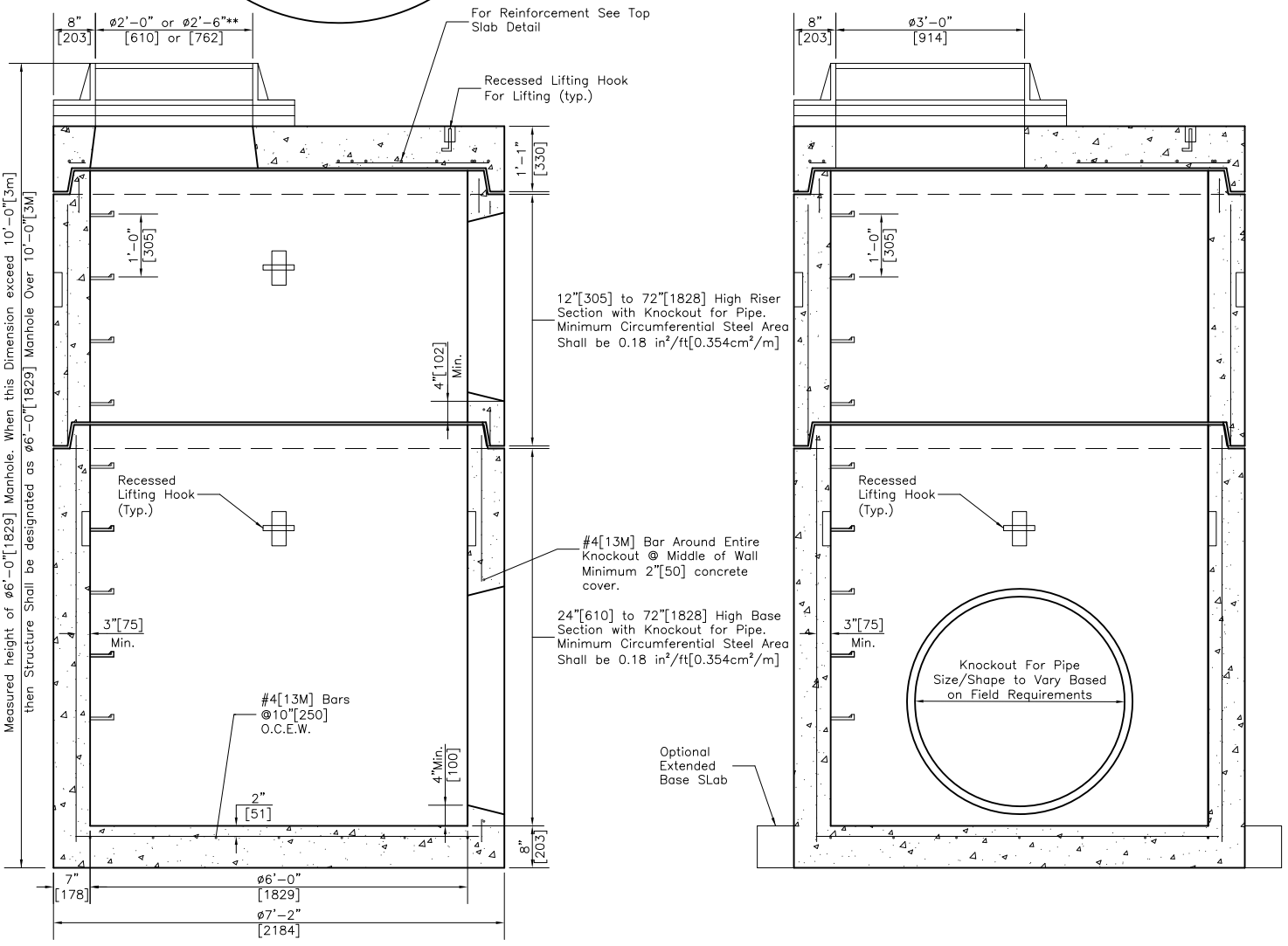
Manholes
72"[1829] Diameter

Manholes CTDOT

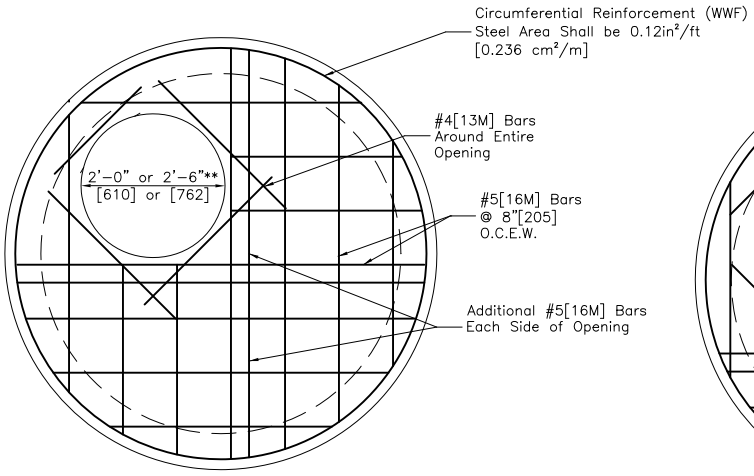
PRECAST CONCRETE W/STRAIGHT BASE SLAB TOP SLAB CONSTRUCTION

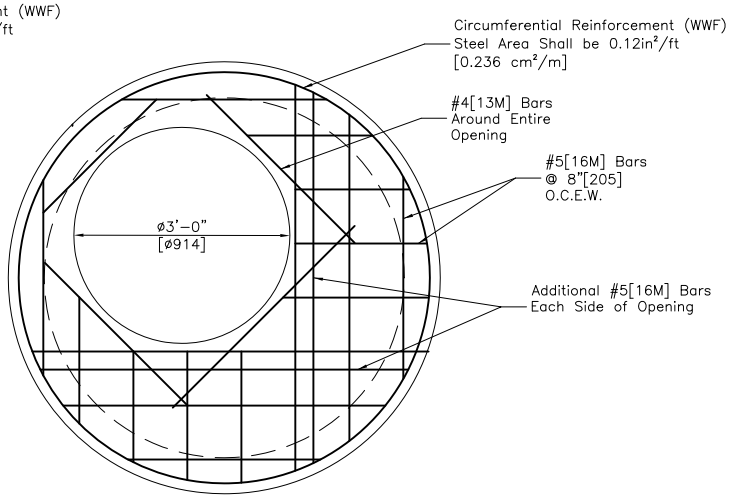


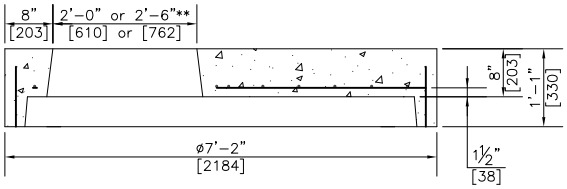


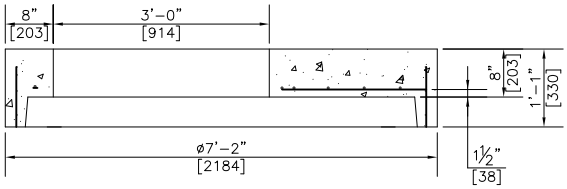
**=Nominal Dimension. Slight variation in dimensions may occur due to tapering for manufacturing purposes.

PRECAST CONCRETE
72"[1829] DIAMETER

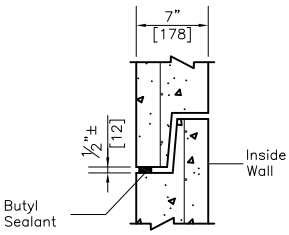








Custom Openings or Hatchways can be cast into top slabs if desired.



JOINT DETAIL

PRODUCT WEIGHTS		
UNIT	HEIGHT (in/[mm])	WEIGHT (lbs[kg])
BASE SECTION	24"[610]	8,620[3,918]
	36"[914]	10,430[4,741]
	48"[1219]	12,240[5,564]
	60"[1524]	14,050[6,386]
	72"[1828]	15,860[7,209]
RISERS	12"[305]	1,810[823]
	24"[610]	3,620[1,645]
	36"[914]	5,430[2,468]
	48"[1219]	7,240[3,291]
	60"[1524]	9,050[4,113]
	72"[1828]	10,860[4,936]
FLAT TOP SLAB	24"[610] Open	4,630[2,105]
	30"[762] Open	4,452[2,023]
	36"[914] Open	4,235[1,925]

NOTES:
1. Minimum Concrete Compressive Strength = 4,000PSI[27,580kPa] shall be obtained prior to shipping.
2. Product conforms to ASTM C478 and AASHTO M199 Specifications.
3. Steel bar reinforcement shall conform to ASTM A615, Grade 60 with a minimum clear cover of 2"[50].
4. Steel welded wire fabric (WWF) reinforcement shall conform to ASTM A185. Minimum circumferential steel area shall be 0.18 in²/ft[0.354 cm²/m] as per ASTM C478.
5. All pipe openings to be closed by Contractor using materials conforming to CTDOT Standard Specification M.08.02.
6. Butyl joint sealant shall conform to ASTM C990 and/or AASHTO M198.
7. Knockouts for pipe openings shall be placed at the required location and height for project. There shall be a minimum 4"[102] distance between knockout and bottom or top of base/riser section. Steel reinforcement shall have minimum 2"[50] clear concrete cover. Maximum size of knockout may be govern by height of required base/riser section.
8. Flexible boot connections may be requested for pipe to manhole connections. Pipe size and type to be specified.
9. Wall thickness will not change for structure depth over 10'-0"[3M] deep.
10. An asphaltic coating can be applied to exterior surfaces of structure if required.

**=Nominal Dimension. Slight variation in dimensions may occur due to tapering for manufacturing purposes.