



# Connecticut Precast Corp.

Manufacturers of Concrete Products

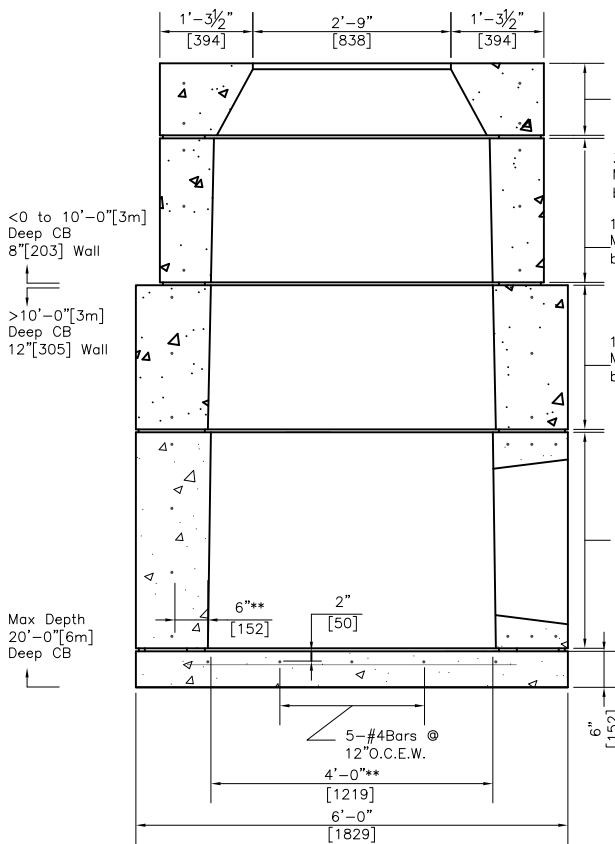
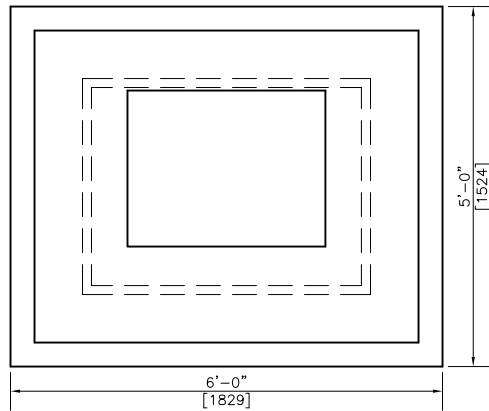
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www.ctprecast.com

## Catch Basins

Catch Basin  
CTDOT

36"x48"[914x1219] STANDARD  
PRECAST CTDOT  
DROP INLET - 12"[305] WALL  
Type "C"  
(For 10'-0"[3M] to 20'-0"[6M] Deep)



<10' - 0" [3m]  
Deep CB  
8" [203] Wall

>10' - 0" [3m]  
Deep CB  
12" [305] Wall

Max Depth  
20' - 0" [6m]  
Deep CB

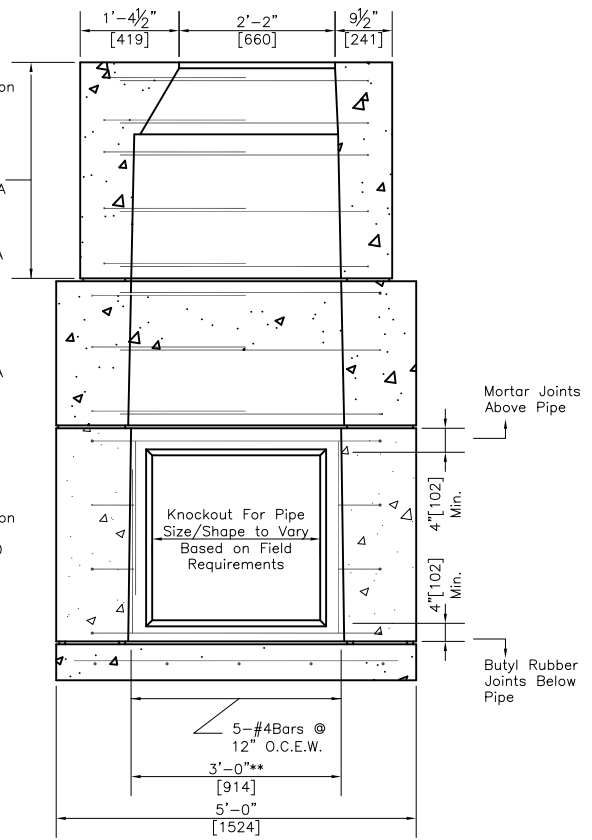
6" [152], 8" [204], 12" [305] Reducer Section  
2-#4 Bars □ Spaced As Shown

30" [762] to 92" [2336] Transition Section  
Minimum Circumferential Steel Area Shall  
be 0.20 in<sup>2</sup>/ft [1.29 cm<sup>2</sup>/m] See Detail A

12" [305] to 84" [2133] Riser Section  
Minimum Circumferential Steel Area Shall  
be 0.20 in<sup>2</sup>/ft [1.29 cm<sup>2</sup>/m] See Detail A

12" [305] to 72" [1829] Riser Section  
Minimum Circumferential Steel Area Shall  
be 0.20 in<sup>2</sup>/ft [1.29 cm<sup>2</sup>/m] See Detail A

24" [610] to 72" [1829] high Riser Section  
with Knockout for Pipe. Minimum  
Circumferential Steel Area Shall be 0.20  
in<sup>2</sup>/ft [1.29 cm<sup>2</sup>/m]. See Detail B for  
Knockout Detail.

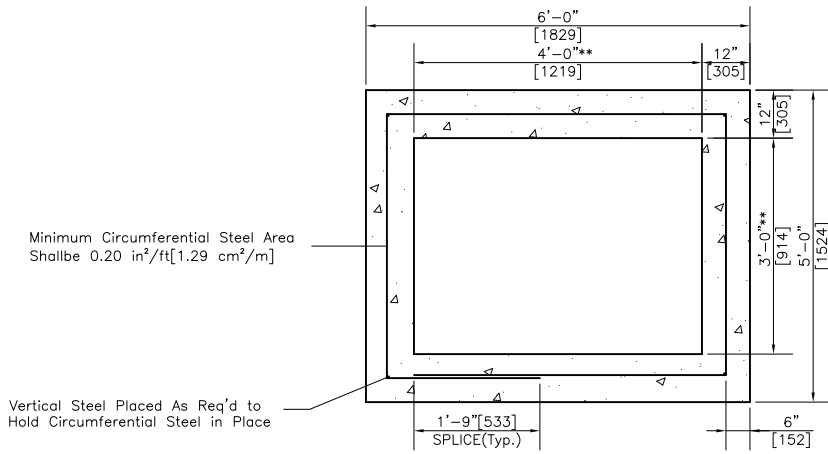


Mortar Joints  
Above Pipe

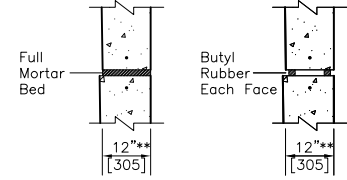
Butyl Rubber  
Joints Below  
Pipe

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

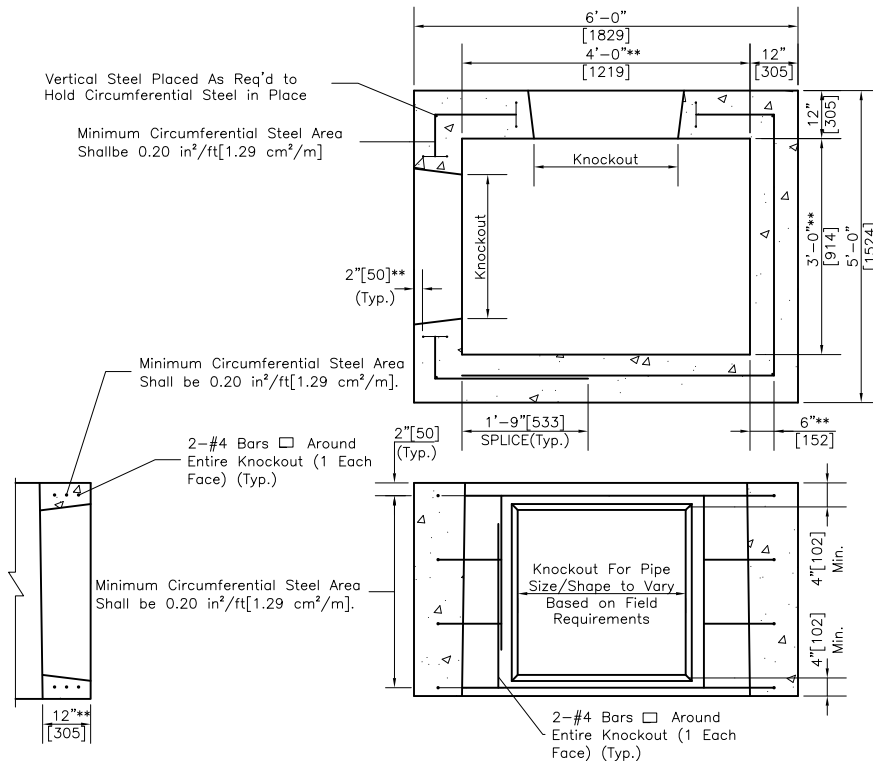
# 36"x48"[914x1219] STANDARD PRECAST CTDOT DROP INLET - 12"[305] WALL



RISER SECTION (Typ.)



JOINT DETAILS



KNOCKOUT DETAIL

PRODUCT WEIGHTS		
UNIT	HEIGHT	WEIGHT
	(in [mm])	(lbs [kg])
BASE SLAB	6" [152]	2,250 [1,022]
RISER	12" [305]	2,700 [1,226]
	18" [457]	4,050 [1,839]
	24" [610]	5,400 [2,452]
	30" [762]	6,750 [3,065]
	36" [914]	8,100 [3,678]
	42" [1060]	9,450 [4,391]
	48" [1219]	10,800 [4,904]
	60" [1525]	13,500 [6,131]
72" [1828]	16,200 [7,357]	
84" [2133]	18,900 [8,583]	

**NOTES:**

1. Minimum Concrete Compressive Strength = 4,000PSI [27,580kPa] shall be obtained prior to shipping.
2. Product conforms to CTDOT Standard Specification Form 816 and CTDOT Standard Detail HW-507\_04.
3. Steel reinforcement shall conform to ASTM A615, Grade 60 with a minimum clear cover of 2" [50].
4. Product to be used for catch basin where dimension from finished top is between 10'-0" [3m] and 20'-0" [6m] deep. To bring catch basin to finish grade 8" [203] wall product can be placed on top of 12" [305] wall.
5. All pipe openings to be closed by Contractor using materials conforming to CTDOT Standard Specification M.08.02.
6. There shall be no corner entries in risers. Use Standard Round Catch Basin in lieu of.
7. Butyl joint sealant shall conform to ASTM C990 and/or AASHTO M198.
8. 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 riser/transition. Steel reinforcement shall have minimum 2" [50] clear concrete cover. Maximum size of knockout may be govern by height of required riser/transition section.
9. Drop Inlet to be used when a sump is not required.

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