- REV. 9-24-12: ADDED GENERAL NOTE C.
- REV. 3-11-14: ELIMINATED STIRRUPS ON DETAILS VIEW.

SUGGESTED SIZE OF WELDED WIRE FABRIC (WWF) FOR USE IN WALLS				
INSIDE DIA. OF CATCH BASIN DIA. (INCHES)	WALL THICKNESS W (INCHES)	AREA STEEL REQ'D (SQ. IN./FT.)	WWF OPTION A	WWF OPTION B
48	5	0.12	WWF 3x8-W3xW1.8	WWF 3x12-W3xW2.1
60	6	0.15	WWF 2x8-W2.5xW2.5	WWF 3x12-W3xW2.1 (2 LAYERS)
72	7	0.18	WWF 3x6-W4.5xW2.1	WWF 3x12-W3xW2.1 (2 LAYERS)
84	8	0.21	WWF 2x6-W3.5xW2.1	WWF 3x12-W3xW2.1 (2 LAYERS)
96	9	0.24	WWF 2x8-W4xW2.1	WWF 3x12-W3xW2.1 (2 LAYERS)
108	10	0.30	WWF 2x6-W5xW2.5	---
120	11	0.36	WWF 2x8-W6xW3	---

WWF A×B-WC×WD

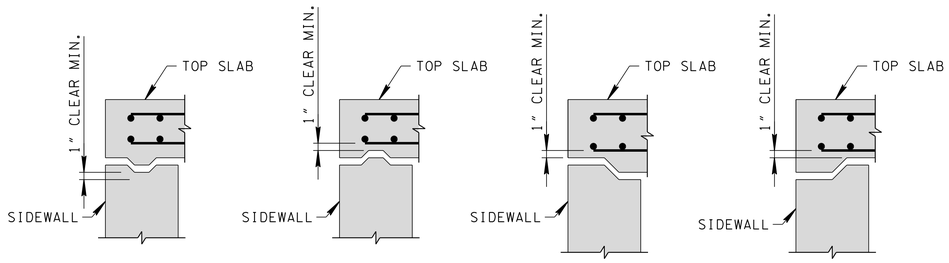
A = SPACING OF HORIZONTAL WIRES, IN.
B = SPACING OF VERTICAL WIRES, IN.
C = HORIZONTAL WIRE SIZE
D = VERTICAL WIRE SIZE

GENERAL NOTES

(A) DRAWING TO BE USED FOR ALL CIRCULAR PRECAST CATCH BASINS AND MANHOLES.

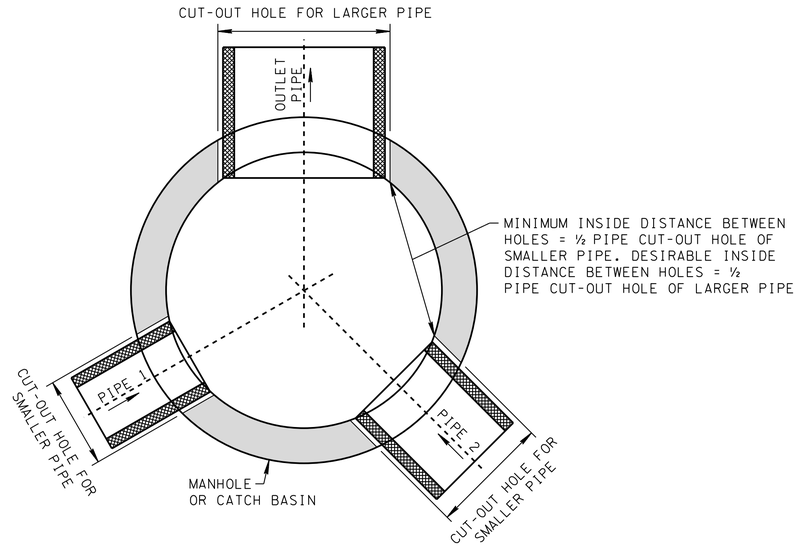
(B) WELDED WIRE FABRIC (WWF) SHALL BE PLACED AS DESCRIBED IN ASTM C478 LATEST EDITION. WWF TABLE IS PROVIDED FOR REFERENCE ONLY. OTHER WWF SIZES AND/OR GRID SPACING MAY BE UTILIZED TO OBTAIN THE REQUIRED AREA OF STEEL REINFORCEMENT. A MAXIMUM OF TWO LAYERS MAY BE UTILIZED. WWF SHALL NOT BE UTILIZED IN TOP SLABS.

(C) SEE D-CB-99RA FOR BILL OF STEEL FOR LID REINFORCEMENT.



NOTE: WHEN ALTERNATE JOINT DETAIL IS PROVIDED, MINIMUM CLEAR DIMENSIONS AND INTERIOR SLAB THICKNESS SHOWN ON STANDARDS SHALL BE MAINTAINED.

ALTERNATE JOINT DETAILS



NOTE: IF SMALLER PIPE IS AN UNDERDRAIN, A 6" MINIMUM INSIDE OFFSET FROM AN ADJACENT HOLE IS REQUIRED. OFFSET MAY BE HORIZONTAL OR VERTICAL. UNDERDRAIN CONNECTIONS SHALL BE LOCATED A MINIMUM OF 8" BELOW THE BOTTOM OF THE TOP SLAB.

MULTIPLE PIPE CONNECTIONS TO A ROUND STRUCTURE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS FOR ROUND STRUCTURES

NOT TO SCALE | 8-01-12 | D-CB-99R