

			1		REV. 9-11-02: CHANGED REINFORCING STEEL IN BASE SECTION.		
OR THIS STRUCTURE IS 28.00'.					REV. 2-13-04: CHANGED REINFORCING STEEL		
			ļ		IN BASE SECTION.		
BASIN DIMENSIONS			FOR DESIGN USE ONLY	REV. 5-5-05: ADDED EXTRA STEEL DIMENSION TO SECTION C-C.			
WALL KNESS CHES)	DIAMETER OF CUT-OUT HOLES (INCHES)	BOX SECTION MINIMUM HEIGHTS (INCHES)	CATCH BASIN MINIMUM DESIGN DEPTH (FEET)		REV. 8-01-12: REVISED CATCH BASIN FOR COMPLIANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 4TH EDITION WITH INTERIMS. REVISED REINFORCING, GENERAL		
21/2	25	59½	4.25		NOTES, LEGEND AND ADDITIONAL MISC. DRAFTING EDITS.		
3	32	66 ¹ ⁄2	4.79				
1⁄2	39	731/2	5.33				
4	46	80½	5.88				
1/2	53	871/2	6.42				
5	60	941⁄2	6.96	(1	CUT-OUT HOLES BASED ON REINFORCED CONCRETE PIPE WITH WALL TYPE "B".		
1/2	67	1011/2	7.50	2) ALL FLEXIBLE PIPE MATERIALS REQUIRE		
6	74	1081/2	8.04	3	GASKET. SEE STANDARD DRAWING D-PB-2.		
1/2	81	1151/2	8.58	TO BE FORMED IN ORDER TO OBTAIN A SMOOTH EDGED HOLE. SCORED OR ETCHED			
7	88	1221/2	9.13		HOLES WITH REINFORCING STEEL LEFT UNCUT WILL NOT BE PERMITTED.		
1/2	95	1291⁄2	9.67				
GENERAL NOTES							
LL CAST-IN-PLACE NO. 12SE CONCRETE CATCH BASINS AND ALL PRECAST NO. 12SE RAWING D-CB-99 FOR ADDITIONAL CONSTRUCTION NOTES AND DETAILS. OF O INCHES TO A MAXIMUM OF 24 INCHES AS LONG AS 25 INCHES IS ION OF USING BRICK OR STANDARD PRECAST CONCRETE RISER FRAMES. THE USE OF THIS DIMENSION EXCEEDS 6 INCHES, PRECAST CONCRETE RISER FRAMES SHALL BE							
-1. ONTAL REINFORCING AT THE TOP OF CATCH BASIN WALLS. SEE ADDITIONAL R TALLER SECTIONS AND STEEL PLACEMENT ABOVE PIPE OPENINGS.							
ALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD SPECIFICATIONS, SECTION UPERSEDED BY THIS DRAWING. THE CONTRACTOR MAY WITH PERMISSION FROM THE NS FOR CAST-IN-PLACE CATCH BASINS PROVIDED THAT ALL PRECAST ELEMENTS S SUPERSEDED BY THIS DRAWING.							
REQUIRED FOR BOTH CAST-IN-PLACE AND PRECAST STRUCTURES:							
ARE INCH AT 28 DAYS 60,000 POUNDS PER SOUARE INCH AS DETAILED ON THIS DRAWING.							
MAGED DURING SHIPMENT OR INSTALLATION WILL BE REJECTED. IT SHALL BE THE PLACE DAMAGED CATCH BASIN UNITS AT HIS OWN EXPENSE.							
TING DEVICES SHALL BE THE RESPONSIBILITY OF THE FABRICATOR.							
DEVICE HOLES WITH GROUT AND PLACE A MINIMUM OF ONE (1) INCH OF COVER BOTH TOP AND BOTTOM SURFACES.							
TABLE. SEE STANDARD DRAWING D-CB-99 FOR ADDITIONAL DETAILS.							
ER IS LARGER THAN THE INLET PIPE DIAMETER, A MINIMUM 25 INCH DEPTH SHALL							
FOR PIPE INLET AND OUTLET ELEVATIONS. IF NEEDED, INVERT ELEVATIONS MAY R IN ORDER TO ACCOMMODATE INLET AND OUTLET PIPES.							
AILS REGARDING CAST IRON GRATES, FRAMES AND CURB INLETS. BARS BY LENGTHENING THE VERTICAL LEG OF THE H500 BARS SO THAT 1½ INCHES							
BARS BY LENGIHENING THE VERTICAL LEG OF THE H500 BARS SO THAT 1½ INCHES OF THE STRUCTURE. GRATE TO OUTLET FLOW ELEVATION. PAYMENT FOR CATCH BASIN WILL BE MADE INS, TYPE 12, > 4'-8' DEPTH THROUGH 611-12.07 CATCH BASINS, TYPE 12, > ES RISER SECTION AND GRATE.							
L3 NI.	SER SECTION	AND GRATE	•				
LEC	END						
	32"	<u>12″</u> 113¾	"]		MINOR REVISION FHWA APPROVAL NOT REOUIRED.		
5″ DO					STATE OF TENNESSEE		
3¾″ 00	11334" MAX	1133/4			STANDARD 9' X 9' SQUARE CONCRETE NO. 12		
TSIDE (DF BAR. STAND	ARD C.R.S.I.	HOOK AND		CATCH BASIN		

NOT TO SCALE 1-19-99 D-CB-12SE