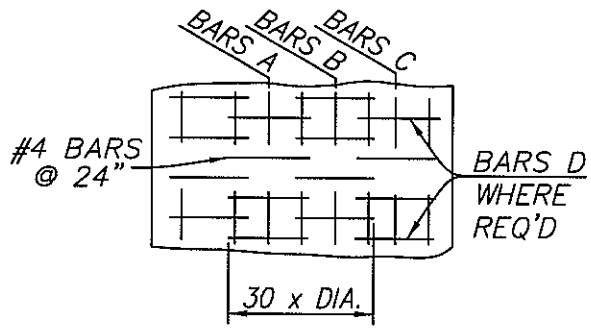
GENERAL NOTES:

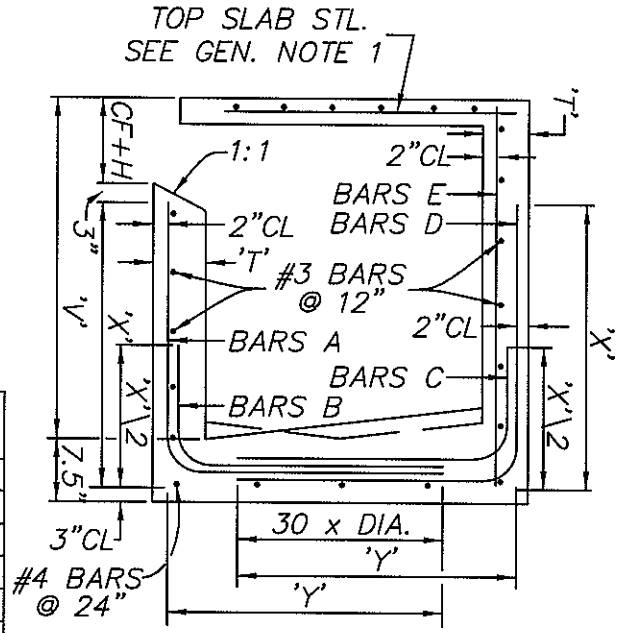
1. SEE STD. PLAN 309, SHEET 2 of 2, FOR ADDITIONAL GENERAL NOTES.
2. #4 BARS MAY BE USED IN LIEU OF #3 BARS PER STD. PLAN 309, SHEET 2 of 2, TABLE "A".



FLOOR REINFORCEMENT – SECTION 2

'W' OF C.B.	'V' (FT.) FROM	'V' (FT.) TO	'T' (IN)	FRONT WALL STEEL HORIZ.	FRONT WALL STEEL VERT.	REAR & END WALLS & FLOOR STEEL EACH WAY
7'	10'	12'	10"	#4 @ 10"	#4 @ 10"	#4 @ 10"
TO 14'	2.5'	4'	6"	#3 @ 6"	#3 @ 6"	#4 @ 6"
TO 14'	4.1'	8'	8"	#4 @ 12"	#4 @ 12"	#3 @ 6"
TO 14'	8.1'	10'	10"	#4 @ 8"	#4 @ 12"	#4 @ 10"
TO 14'	10.1'	12'	10"	#4 @ 6"	#4 @ 12"	#4 @ 10"

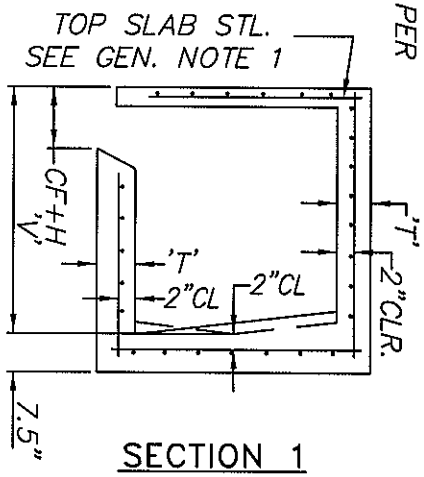
WALL AND FLOOR STEEL
CATCH BASIN REINFORCEMENT–"W" TO 14' (INCL.)



SECTION 2

'V' (FT.) FROM	'V' (FT.) TO	'T' (IN)	FRONT WALL STEEL BARS A & B	REAR WALL STEEL BARS C	REAR WALL STEEL BARS D	REAR WALL STEEL BARS E	END WALL STEEL HORIZ. & VERT.
2.5'	4'	6"	#3 @ 24"	#3 @ 12"	--	#4 @ 24"	#3 @ 18"
4.1'	5'	8"	#3 @ 20"	#3 @ 12"	--	#4 @ 24"	#3 @ 14"
5.1'	6'	8"	#3 @ 12"	#3 @ 10.5"	--	#4 @ 24"	#3 @ 14"
6.1'	7'	8"	#4 @ 17"	#3 @ 8.5"	--	#4 @ 24"	#3 @ 14"
7.1'	8'	8"	#4 @ 13"	#3 @ 6.5"	--	#4 @ 24"	#3 @ 14"
8.1'	9'	10"	#4 @ 15"	#3 @ 7.5"	--	#4 @ 20"	#3 @ 11"
9.1'	10'	10"	#4 @ 12"	#4 @ 12"	--	#4 @ 20"	#3 @ 11"
10.1'	11'	10"	#5 @ 15"	--	#4 @ 11"	#4 @ 18"	#3 @ 11"
11.1'	12'	10"	#6 @ 18"	--	#4 @ 9"	#4 @ 13"	#3 @ 11"
	'X'=('V'+'T')(CF+H+4.5)				'Y'= $\left(\frac{B+2'T'}{2}\right)$ + 15 x DIA.–2"		

WALL AND FLOOR STEEL
CATCH BASIN REINFORCEMENT–"W" GREATER THAN 14'



SECTION 1

APPROVED:

CITY ENGINEER

REVISION DATE: March 21, 1994

CITY OF HUNTINGTON BEACH

DEPARTMENT OF PUBLIC WORKS

CATCH BASIN REINFORCEMENT

STANDARD PLAN 309
1 of 2