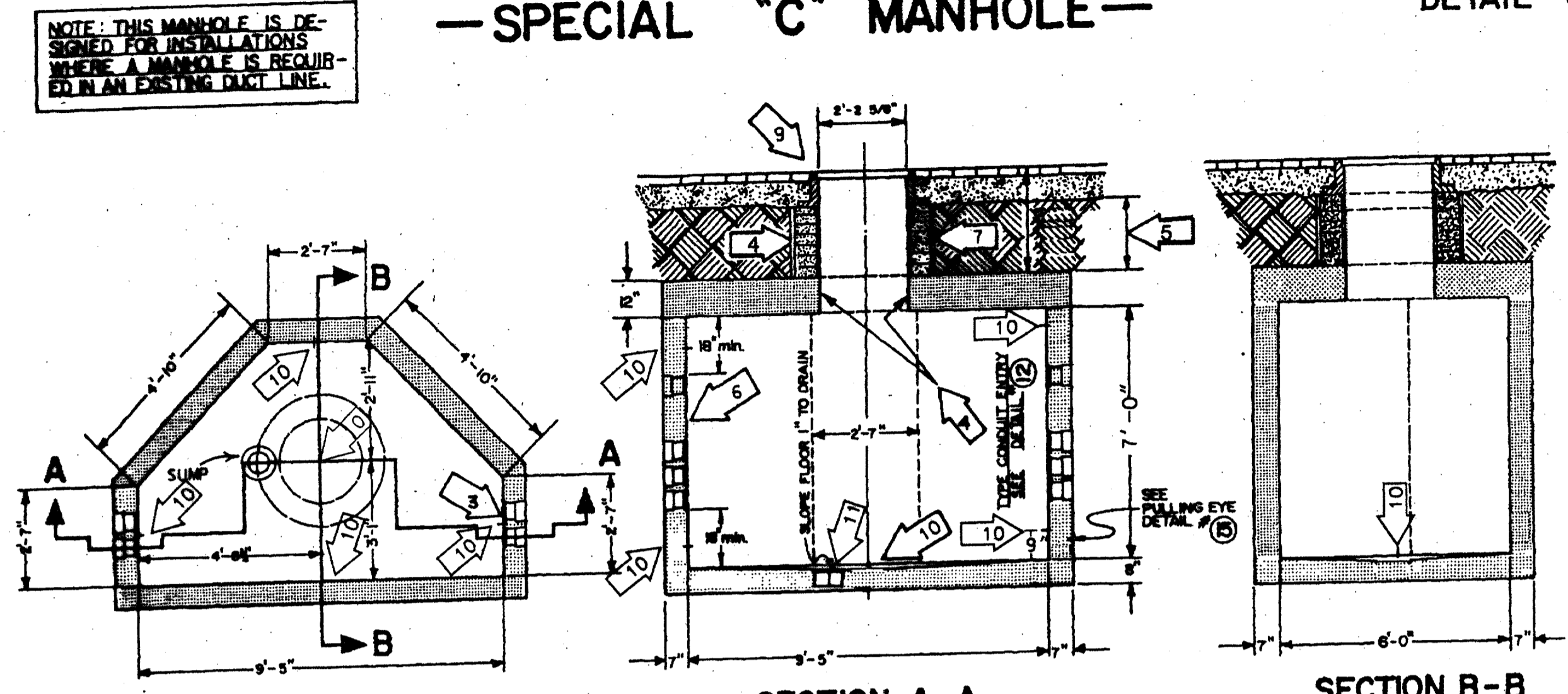


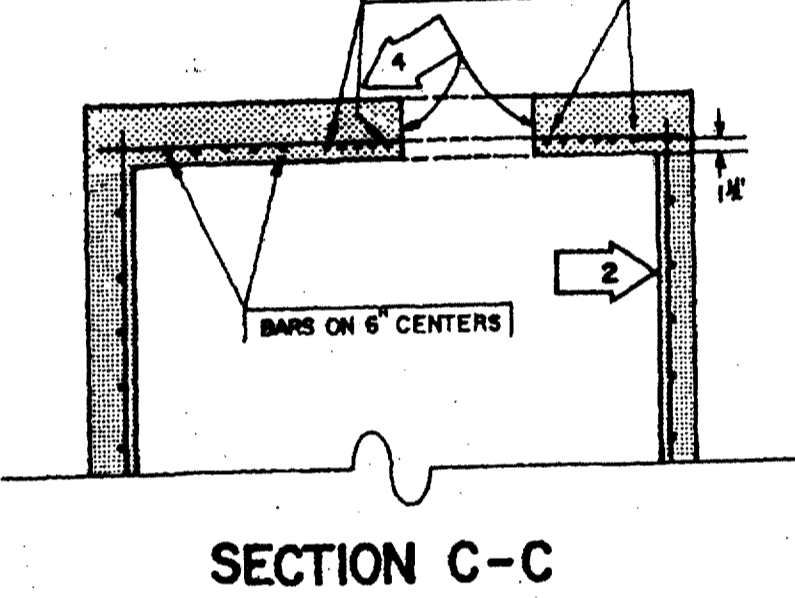
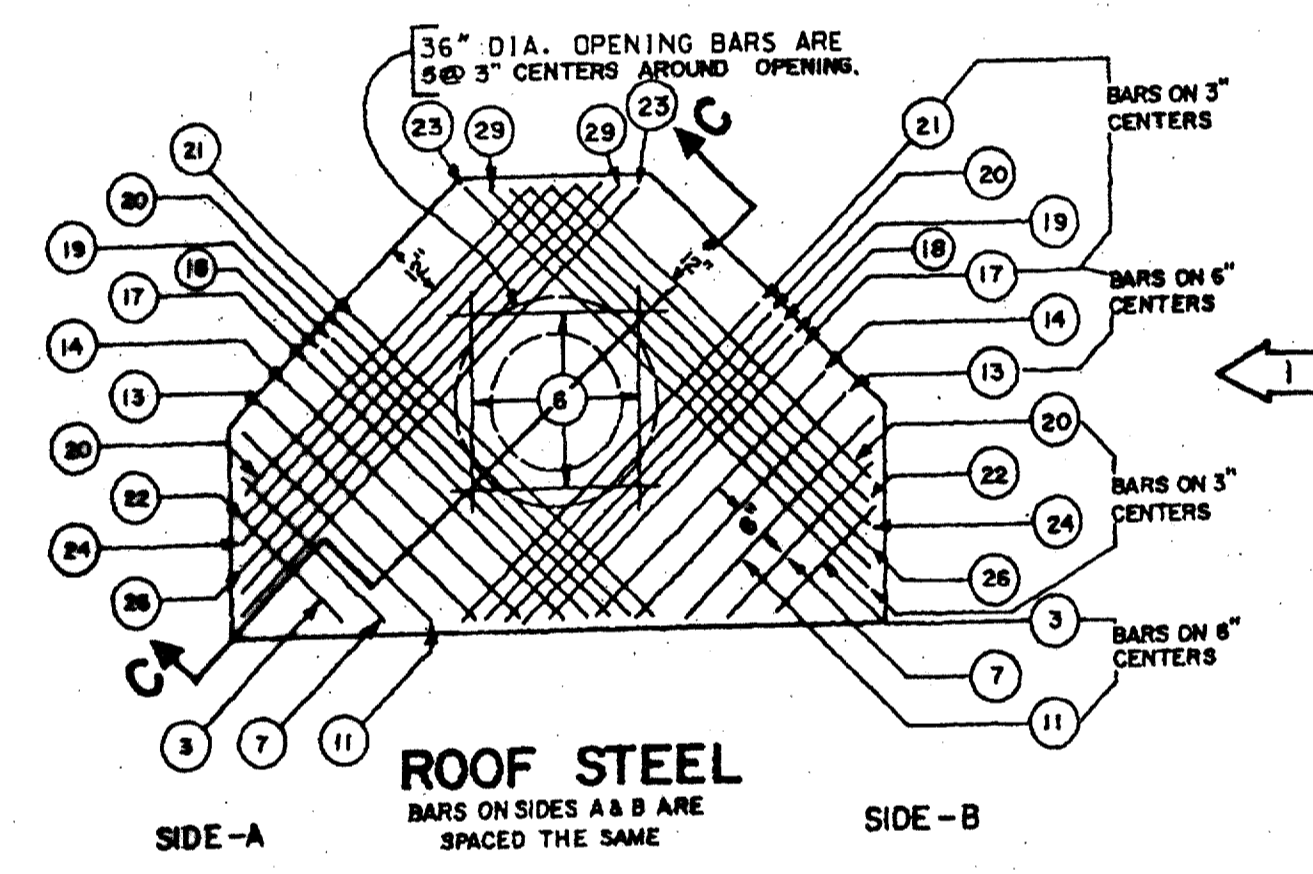
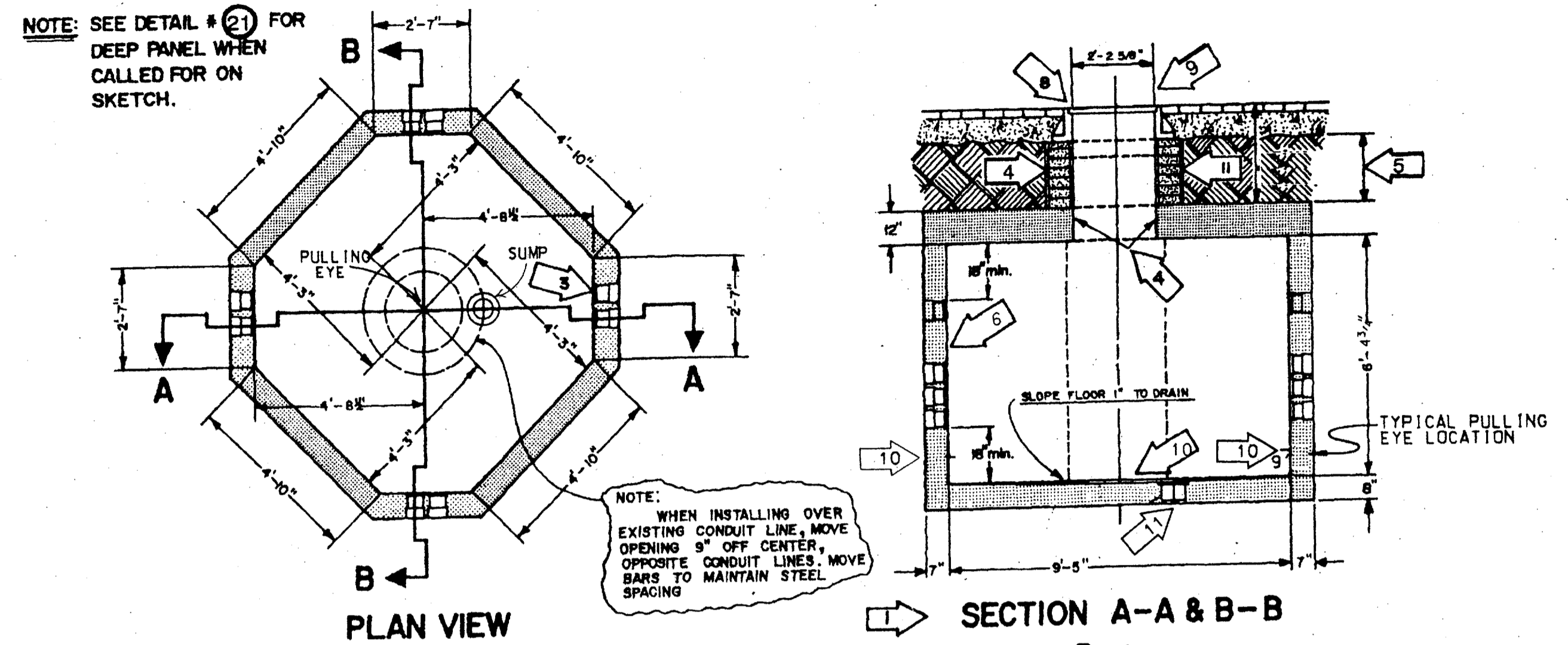
— SPECIAL "C" MANHOLE —

DETAIL #3



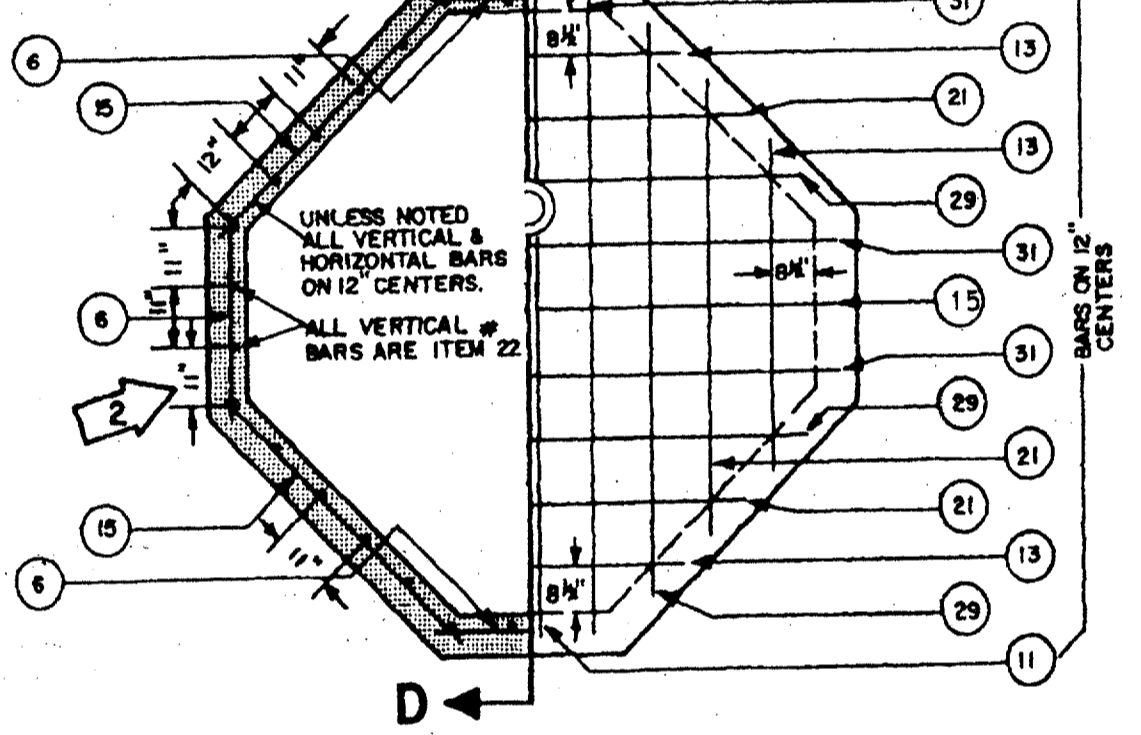
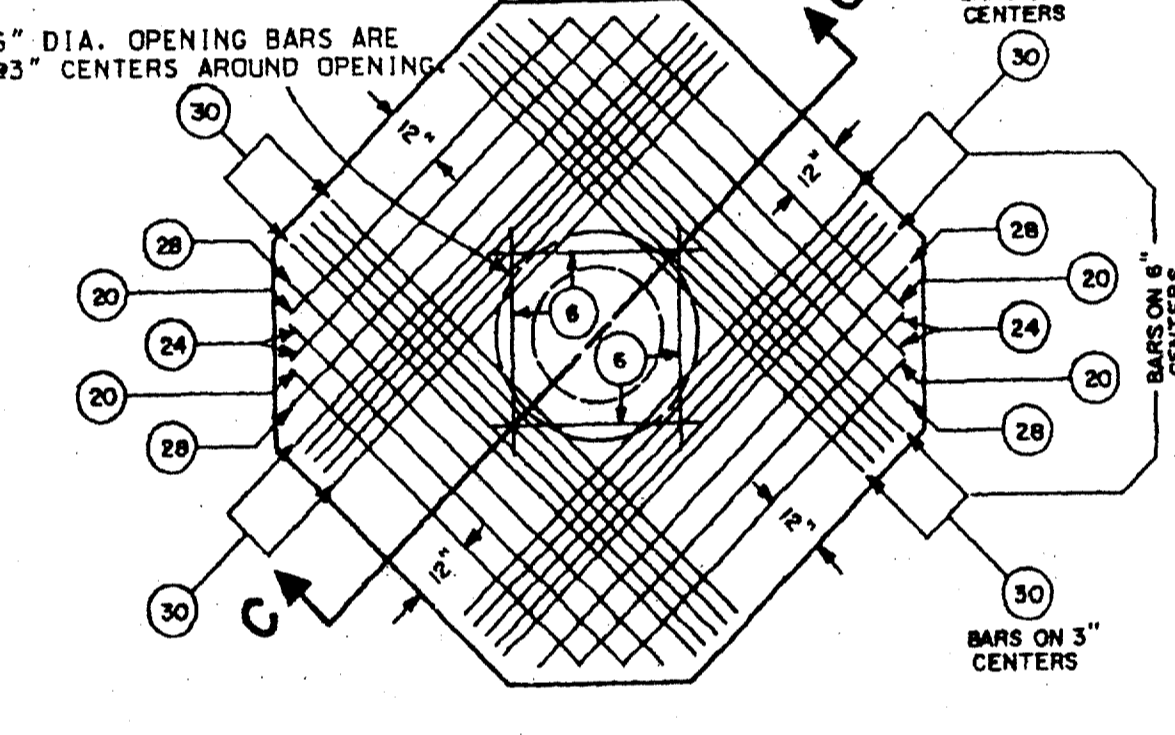
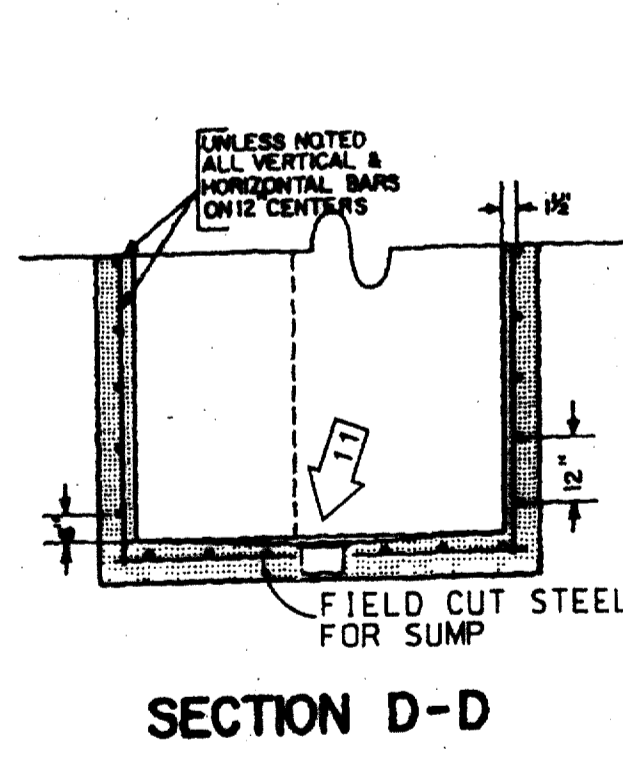
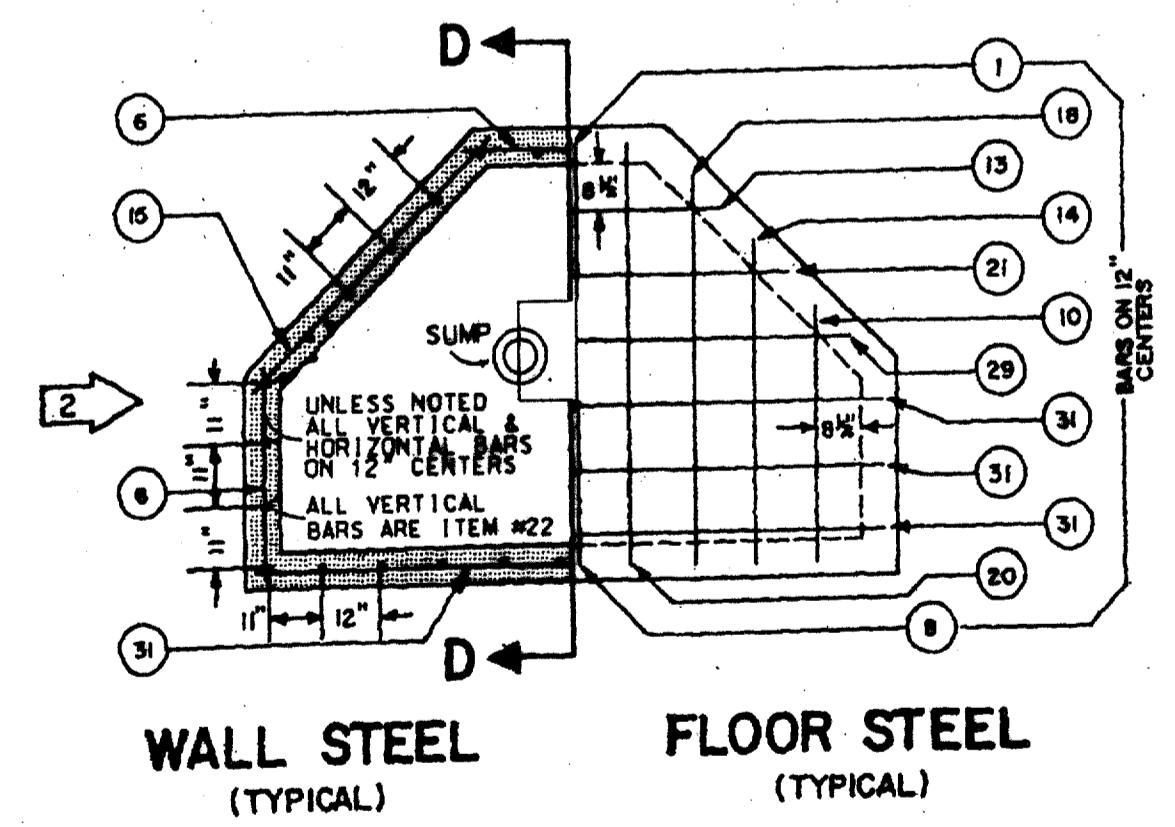
— TYPE "D" MANHOLE —

DETAIL #4



ITEM	LENGTHS		QUANTITY			
	FT.	IN.	FLOOR	WALLS	ROOF	TOTAL
1	2	0	1			1
3	2	6			2	2
6	3	3	18	4	22	
7	3	6			2	2
8	3	9	1			1
10	4	3	2			2
11	4	6			2	2
13	5	0	1		2	3
14	5	3	2		2	4
15	5	6		12		12
17	6	0			2	2
18	6	3	2		2	4
19	6	6			2	2
20	6	9	2		4	6
21	7	0	1		2	3
22	7	10		29	4	33
23	9	3			2	2
24	7	9			2	2
26	8	3			2	2
29	9	0	1		2	3
31	10	3	3	8		9

ALL REINFORCING STEEL, DEFORMED, INTERMEDIATE GRADE, OPEN HEARTH, ASTM. A 605 DESIGNATION.
SEE DETAIL # 19 FOR CONCRETE SPECIFICATIONS



ITEM	LENGTHS		QUANTITY			
	FT.	IN.	FLOOR	WALLS	ROOF	TOTAL
6	3	3		24	4	28
11	4	6	4			4
15	5	0	4			4
15	5	6		24		24
20	6	9			4	4
21	7	0	4			4
22	7	10		32		32
24	7	9		4		4
28	8	9			4	4
29	9	0	4			4
30	9	3			20	20
31	10	3	5			5

STEEL TO CONFORM TO THE LATEST STANDARD SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT.
SEE DETAIL # 19 FOR CONCRETE SPECIFICATIONS

— GENERAL NOTES —
ALL GENERAL NOTES APPLY TO BOTH SPECIAL "C" & TYPE "D" MANHOLES

- 1 → STANDARD HEADROOM 7'-0". ALL REINFORCING BARS TO BE #5 DEFORMED BARS. ALL BARS TO HAVE MINIMUM COVER OF 1 1/2". ALL DIMENSIONS ARE TO C OF BARS. SEE PLANS FOR EXTRA HEADROOM.
- 2 → FIELD CUT STEEL AS REQUIRED FOR TERMINATORS.
- 3 → NUMBER OF TERMINATORS SHOWN ON PLANS INSTALLED IN EACH END PANEL. SEE DETAIL # 8.
- 4 → BLOCK UP CASTING WITH BRICKS TO FIVE-MENT GRADE. BRICKWORK TO RECEIVE 1/2" MORTAR COATING INSIDE & OUTSIDE.
- 5 → 15 1/2" MINIMUM CUSHION.
- 6 → FOR GROUNDING DETAILS SEE DETAIL # 17.
- 7 → A PRECAST REINFORCED CONCRETE NECK MAY BE USED WHEN 28" OR MORE. SEE DETAIL # 13.
- 8 → 4'-4" x 4'-4" x 6" CONCRETE SLAB AROUND M.H. CASTING WHEN INSTALLED IN UNPAVED AREA. SEE DETAIL # 10.
- 9 → 26 1/2" MH CASTING. SEE DETAIL # 15.
- 10 → PULLING EYE. SEE DETAIL # 12.
- 11 → SUMP. SEE DETAIL # 14.

UNIT ID	DWG TYPE	ESTIMATE	W.A.	LIST OF DRAWINGS	APP. PRN	APP. JES	OWN. MED	CH. JRC	ENG. JRC	DATE	NO.	DATE	REVISION DESCRIPTION	DRAWN	CH.	APP.	APP.