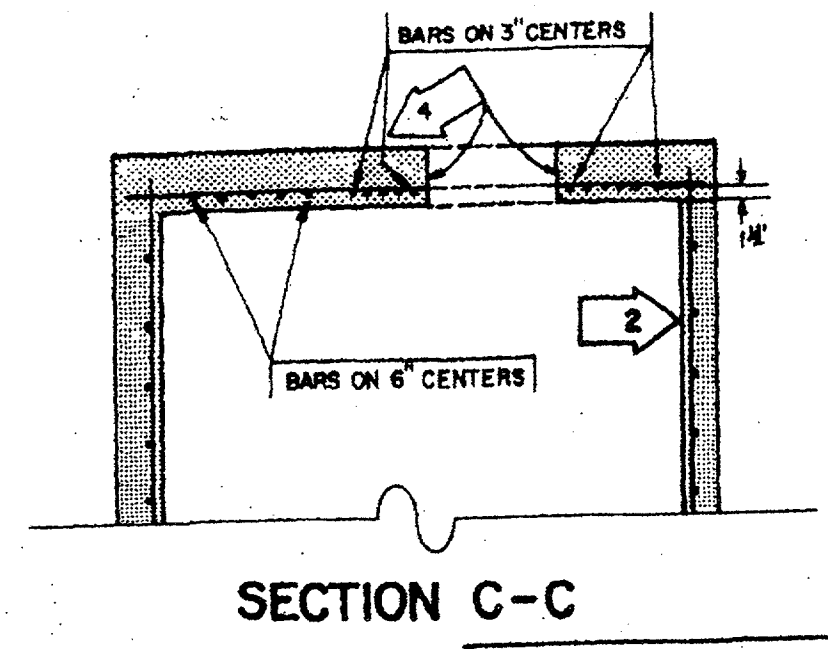
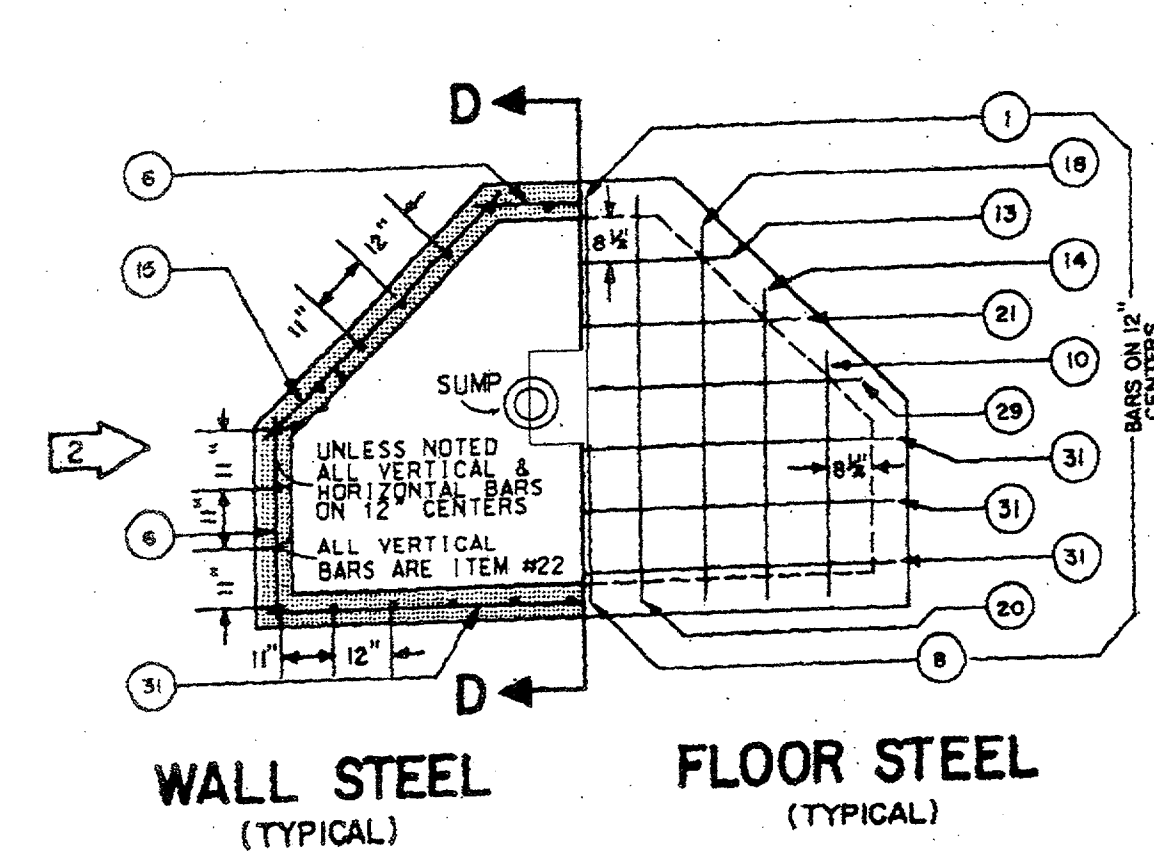
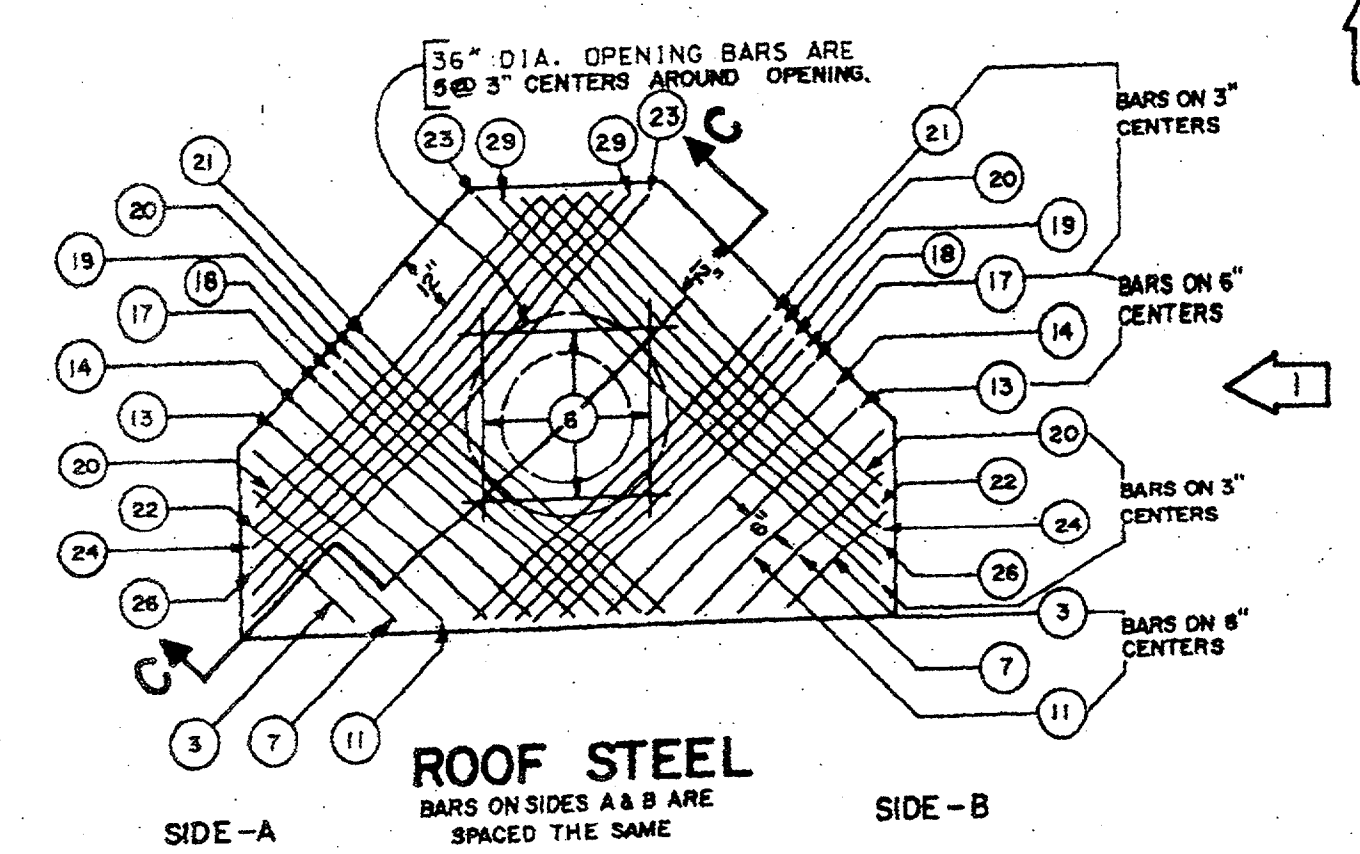
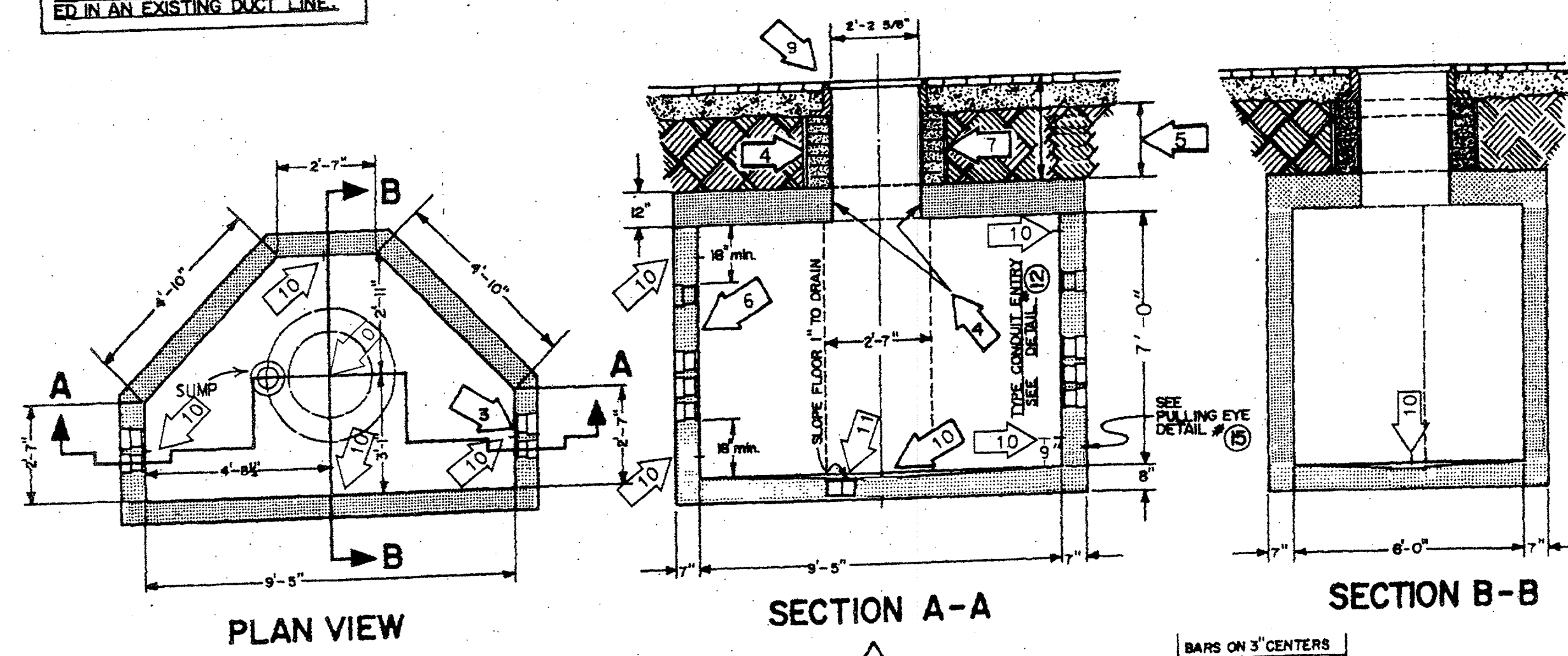


NOTE: THIS MANHOLE IS DESIGNED FOR INSTALLATIONS WHERE A MANHOLE IS REQUIRED IN AN EXISTING DUCT LINE.

— SPECIAL "C" MANHOLE —

DETAIL #3



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
13	5	0	1				2
14	5	3	2				4
15	5	6			12		12
17	6	0					2
18	6	3	2				4
19	6	6					2
20	6	9	2				6
21	7	0	1				3
22	7	10			28	4	33
23	9	3					2
24	7	9					2
26	8	3					2
29	9	0	1				3
31	10	3	3				9

ALL REINFORCING STEEL, DEFORMED, INTER-MEDIATE GRADE, OPEN HEARTH, ASTM A 615 DESIGNATION.
SEE DETAIL # (3) FOR CONCRETE SPECIFICATIONS

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

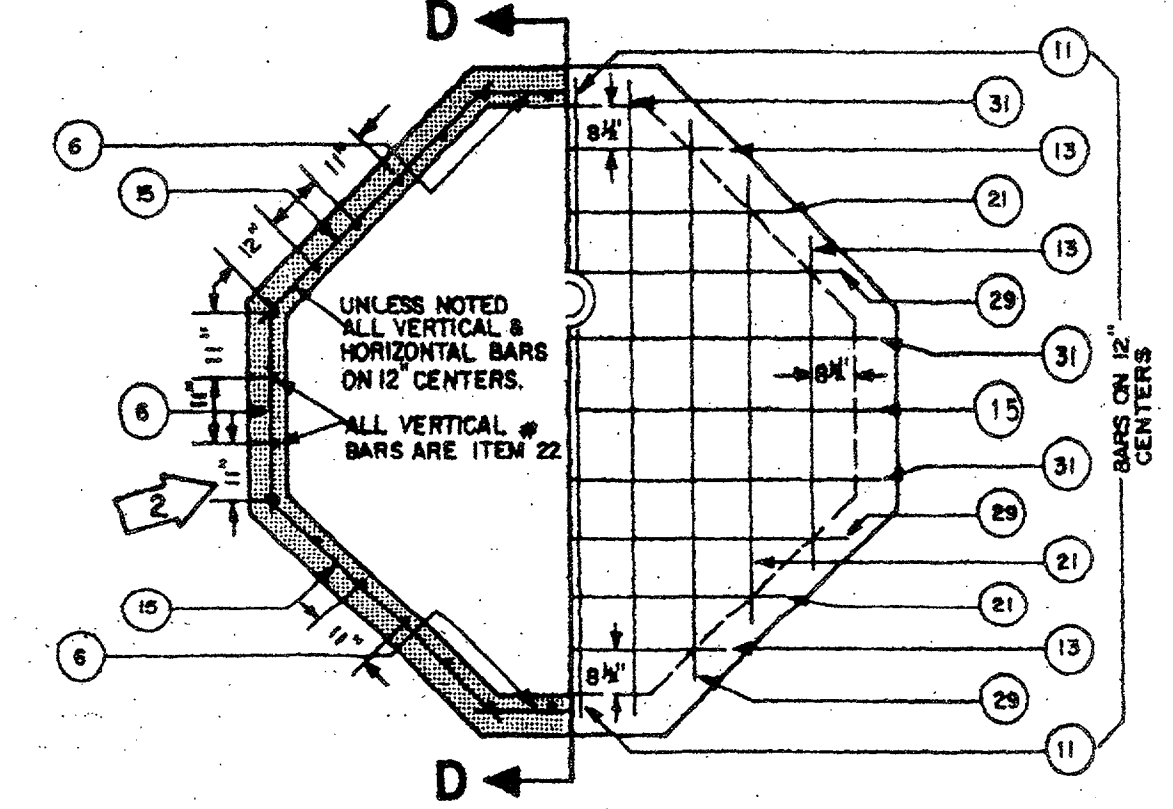
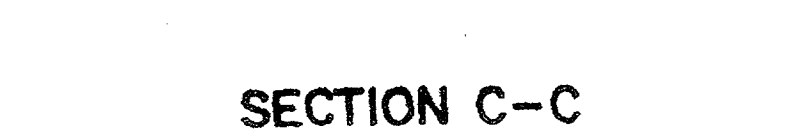
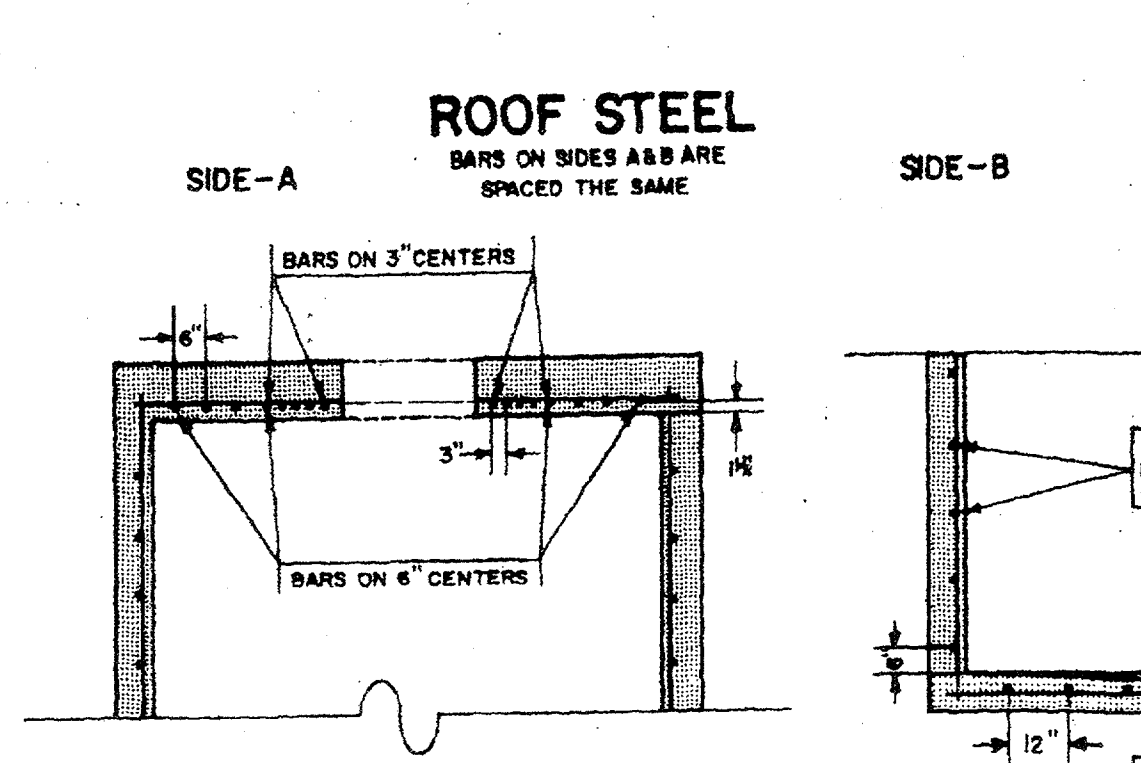
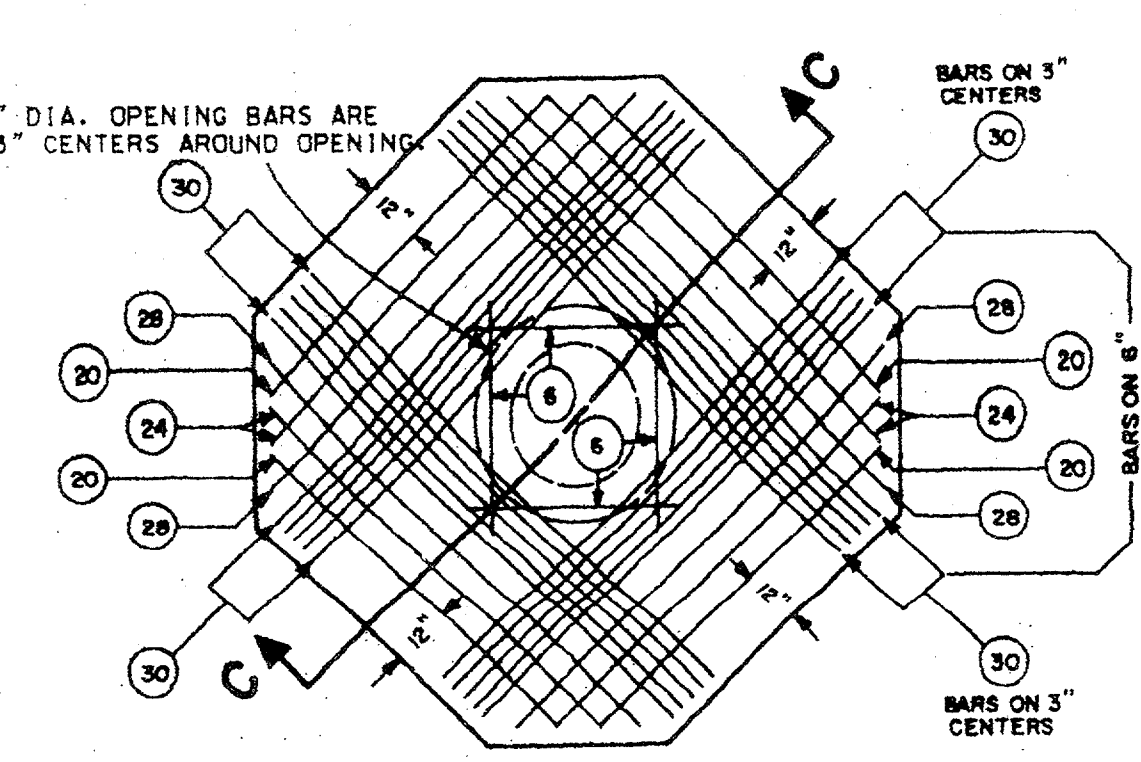
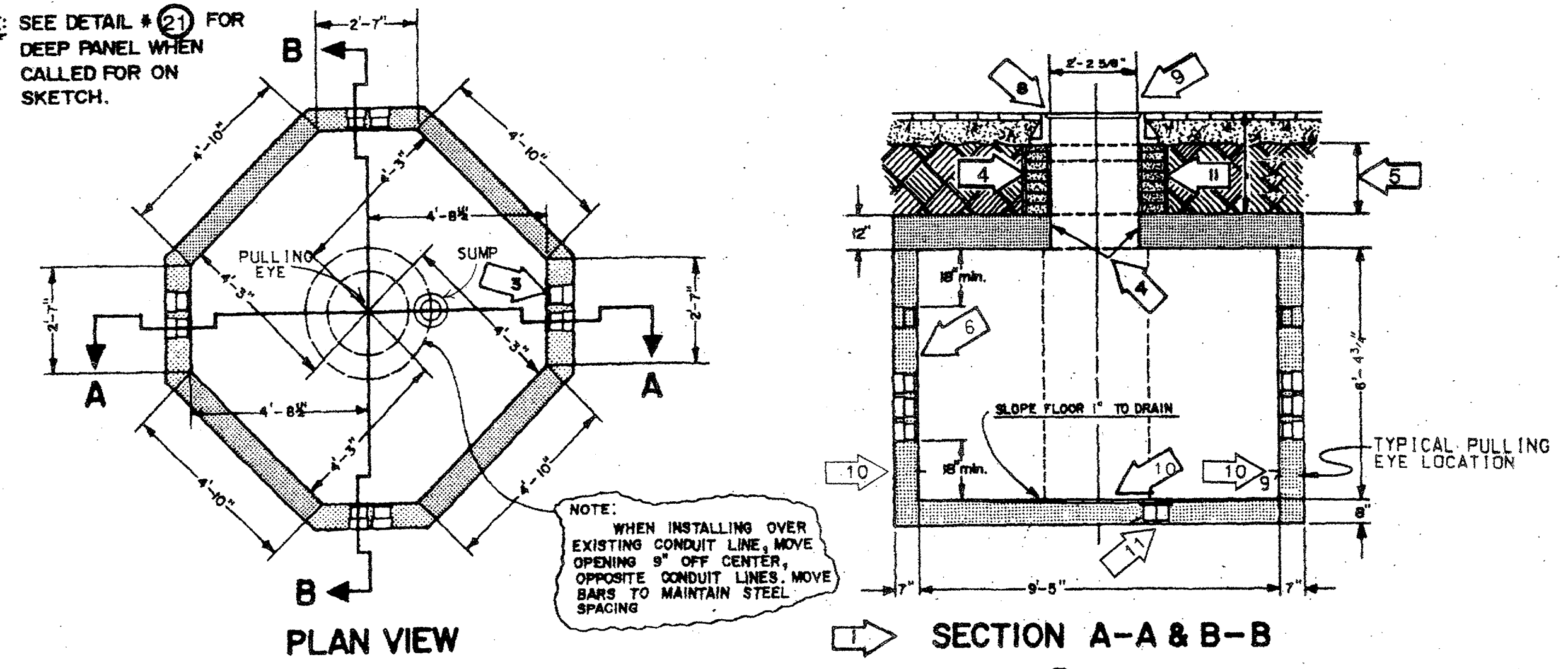
- 1 → STANDARD HEADROOM 7'-0" ALL REINFORCING BARS TO BE #5 DEFORMED BARS. ALL BARS TO HAVE MINIMUM COVER OF 1 1/2". ALL DIMENSIONS ARE TO C. OF BARS. SEE PLANS FOR EXTRA HEADROOM.
- 2 → FIELD CUT STEEL AS REQUIRED FOR TERMINATORS.
- 3 → NUMBER OF TERMINATORS SHOWN ON PLANS INSTALLED IN EACH END PANEL. SEE DETAIL # (8)
- 4 → BLOCK UP CASTING WITH BRICKS TO PAVE-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)

— TYPE "D" MANHOLE —

DETAIL #4

NOTE: SEE DETAIL # (21) FOR DEEP PANEL WHEN CALLED FOR ON SKETCH.



ITEM	LENGTHS			QUANTITY			
	FT.	IN.		FLOOR	WALLS	ROOF	TOTAL
6	3	3			24	4	28
11	4	6	4				4
13	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
26	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 # (10) FOR CONCRETE SPECIFICATIONS

1/05/04 ISSUED FOR CONSTRUCTION

SCALE (H=NO SCALE) (V=NO SCALE) LIST OF DRAWINGS

W.A. ESTIMATE DWG. TYPE UNIT ID

W.A.

ESTIMATE

REVISION DESCRIPTION

DATE

NO. APP. CH. APP. APP.

DATE

NO.

DATE