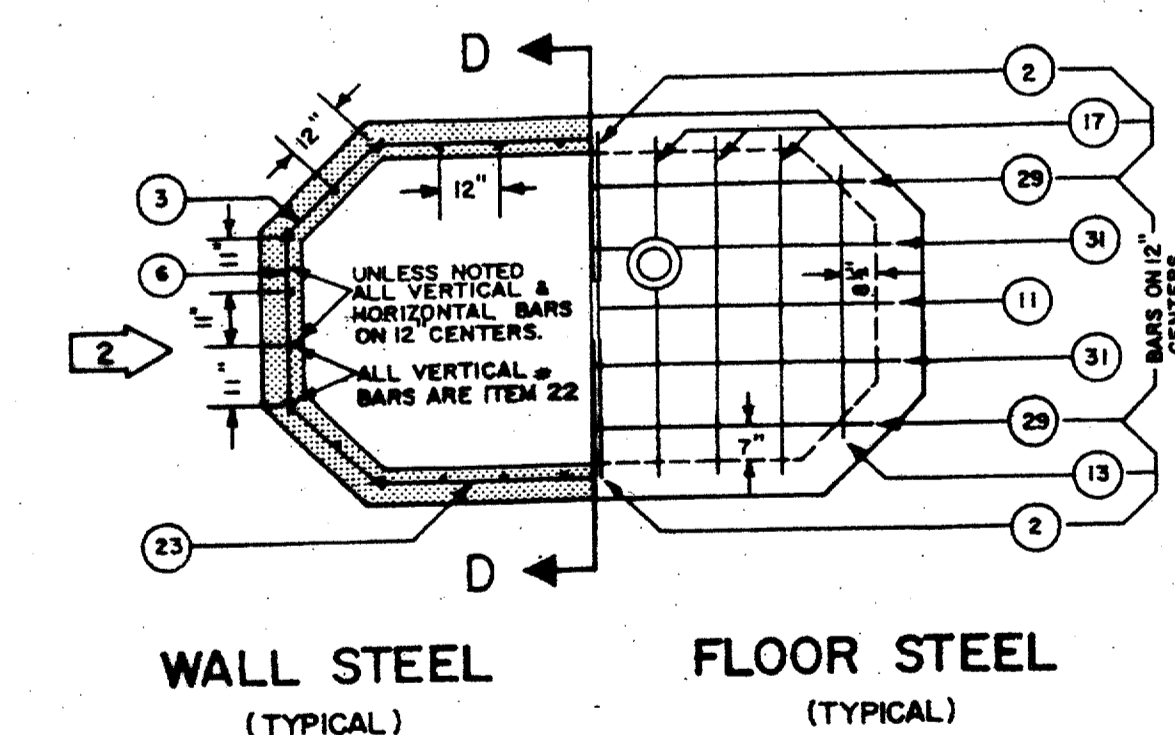
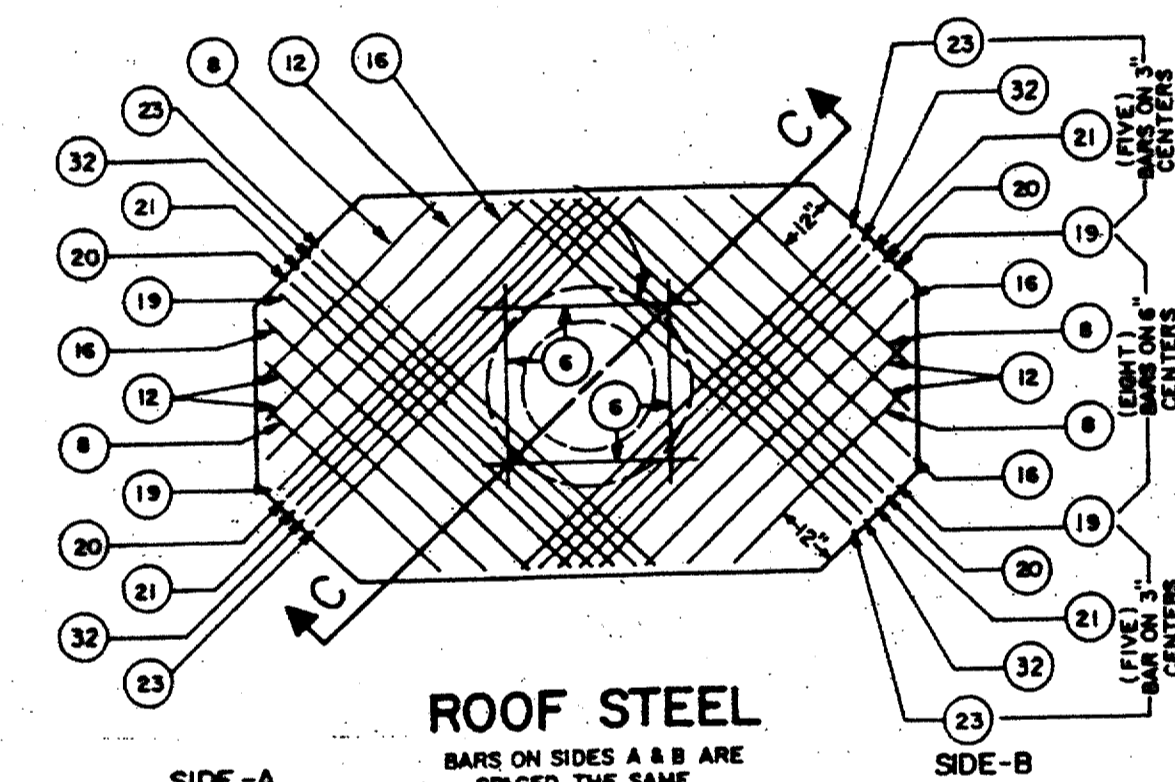
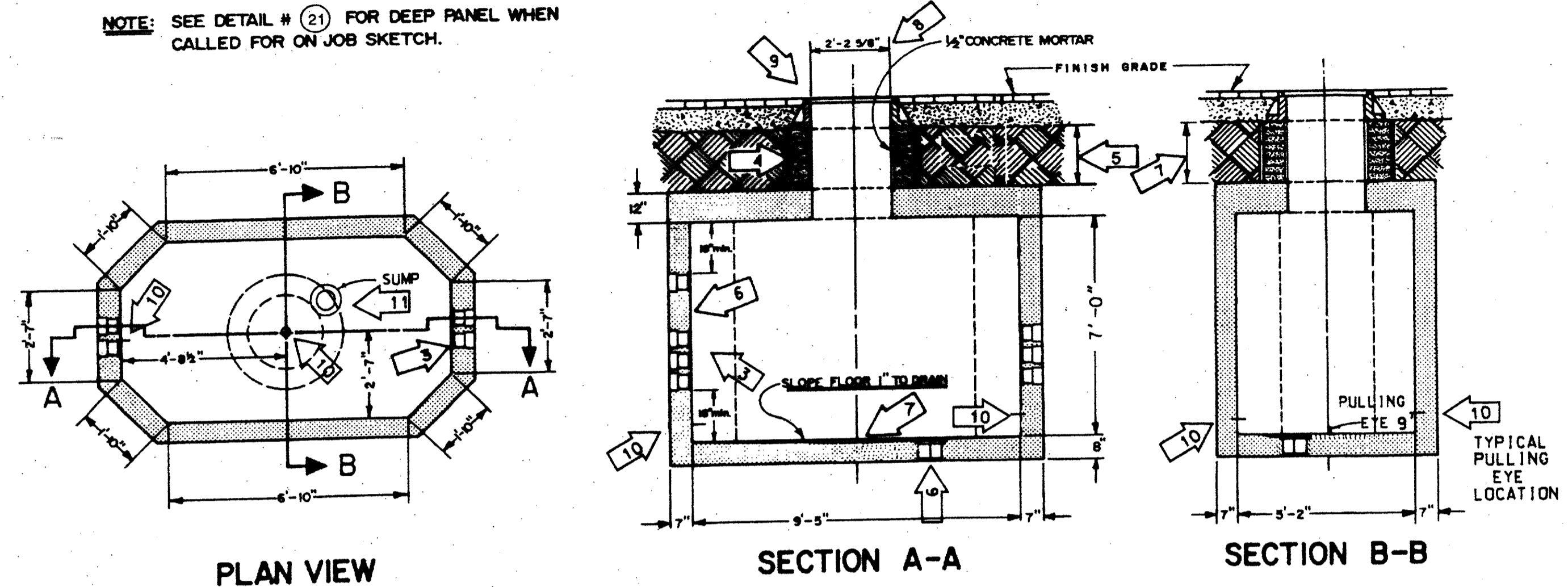


— TYPE "B" MANHOLE —  
DETAIL #1

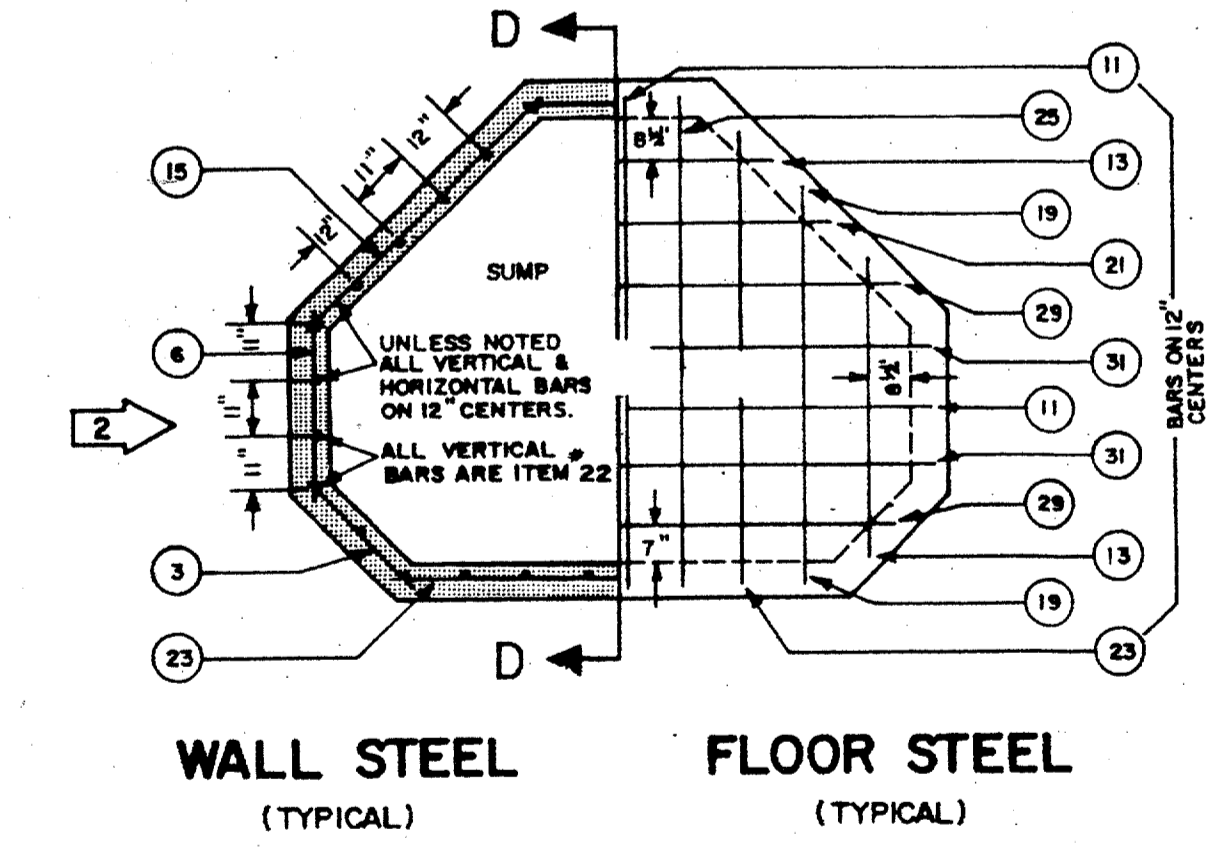
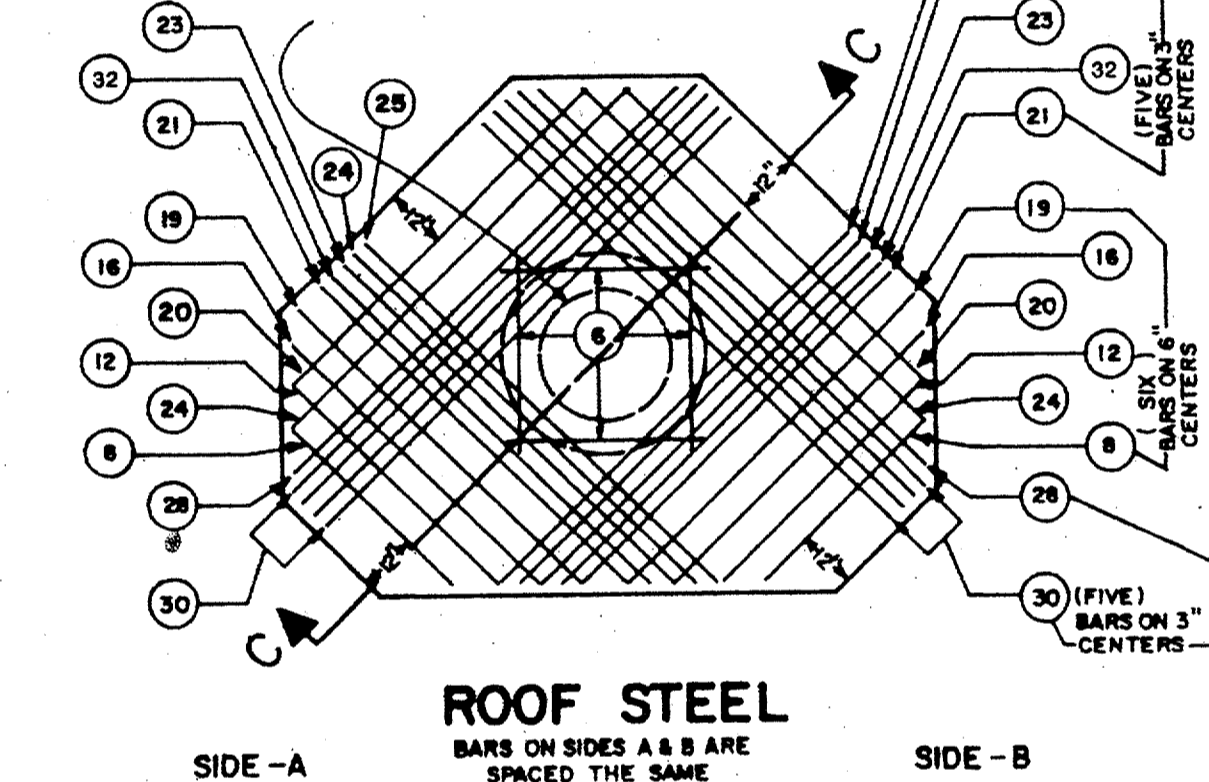
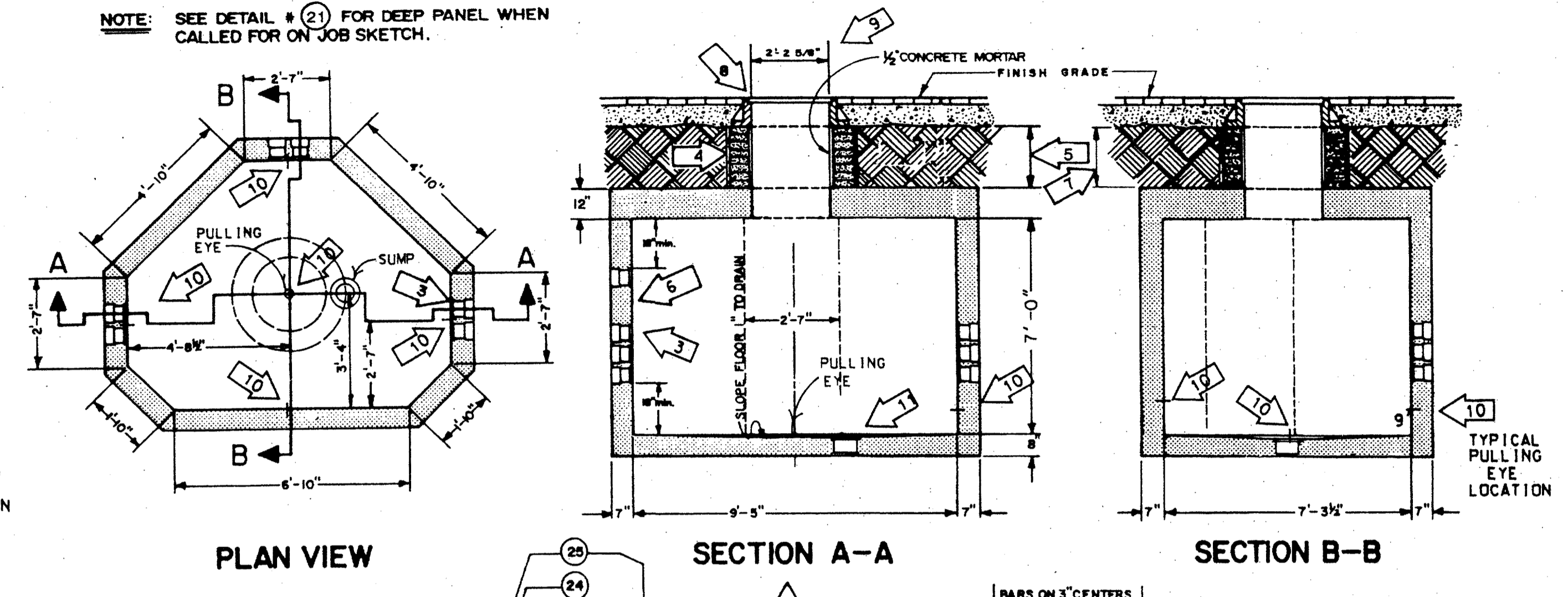


REINFORCING BARS

ITEM	LENGTHS			QUANTITY		
	FT.	IN.	FLOOR	WALLS	ROOF	TOTAL
2	2	3	1			1
3	2	6		12		12
6	3	3		18	4	22
8	3	9			2	2
11	4	6	3			3
12	4	9			2	2
13	5	0	3			3
15	5	6		12		12
16	5	9			2	2
19	6	6			2	2
20	6	9			2	2
21	7	0			2	2
22	7	10		26		26
23	7	6		12	4	16
29	9	0	2			2
31	10	3	2			2

STEEL TO CONFORM TO THE LATEST STANDARD SPECIFICATION FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT.  
SEE DETAIL #10 FOR CONCRETE SPECIFICATION

— TYPE "C" MANHOLE —  
DETAIL #2



REINFORCING BARS

ITEM	LENGTHS			QUANTITY		
	FT.	IN.	FLOOR	WALLS	ROOF	TOTAL
2	2	3	1			1
3	2	6		12		12
6	3	3		18	4	22
8	3	9			2	2
11	4	6	3			3
12	4	9			2	2
13	5	0	3			3
15	5	6		12		12
16	5	9			2	2
19	6	6			2	2
20	6	9			2	2
21	7	0	1		2	3
22	7	10		30		30
23	7	6	2	6	2	10
24	7	9		4	4	8
25	8	0	2		2	4
28	8	9		2	2	4
29	9	0	2		2	4
30	9	3		8	8	16
31	10	3	2			2

STEEL TO CONFORM TO THE LATEST STANDARD SPECIFICATION FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT.  
SEE DETAIL #10 FOR CONCRETE SPECIFICATION

— GENERAL NOTES —

- 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 FINISH GRADE. BRICKWORK TO RECEIVE 1/2" MORTAR COATING INSIDE & OUTSIDE.
- 5 1 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

RECORD DRAWING

10/3/97 ISSUED FOR CONSTRUCTION

E12

TU ELECTRIC

NETWORK UNDERGROUND APPURTENANCE SHEETS MANHOLE DETAILS

SCALE: NO SCALE

DATE: 12-12-91

DRAWN: CH. JRC

APP. JES

ESTIMATE

W.A.

LIST OF DRAWINGS

UNIT ID

DWG. TYPE

REVISION DESCRIPTION

DATE

NO.

W.A.

APP. PIRN

APP. JES

APP.

APP.

APP.

CD

E NUA-1  
SHEET NO. 1