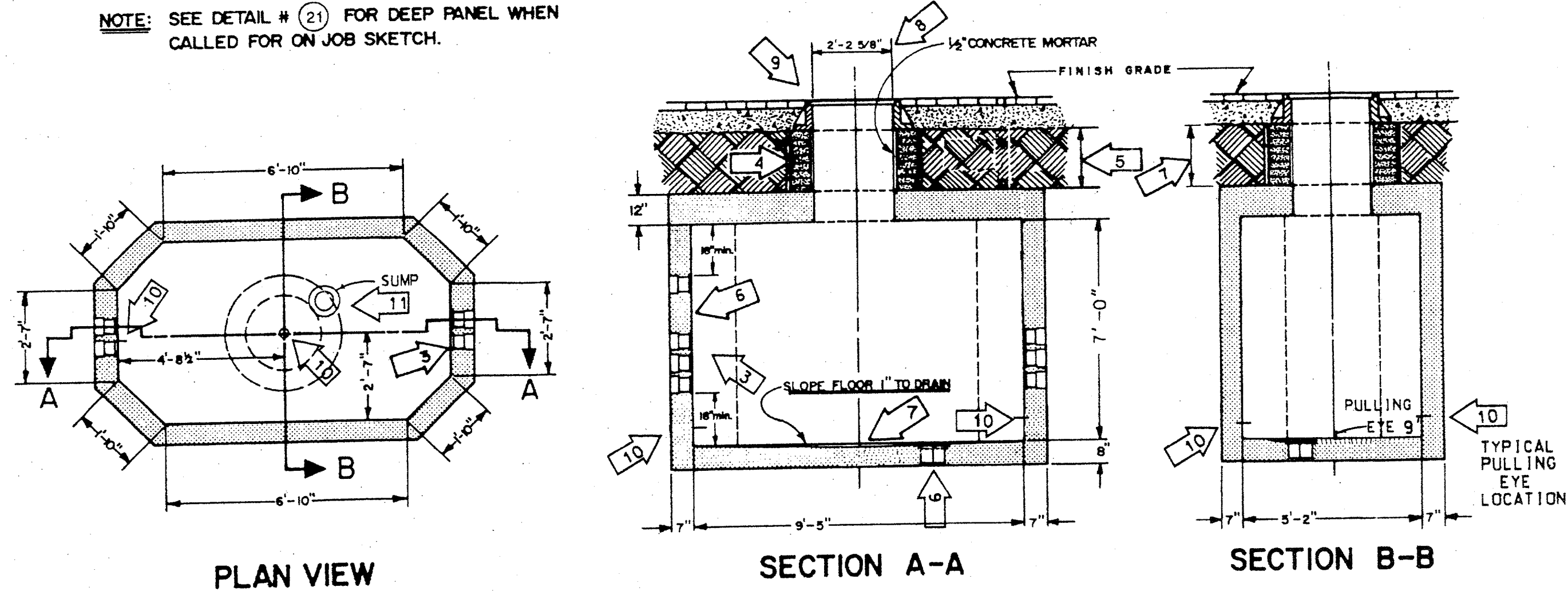


— TYPE "B" MANHOLE —

DETAIL #1

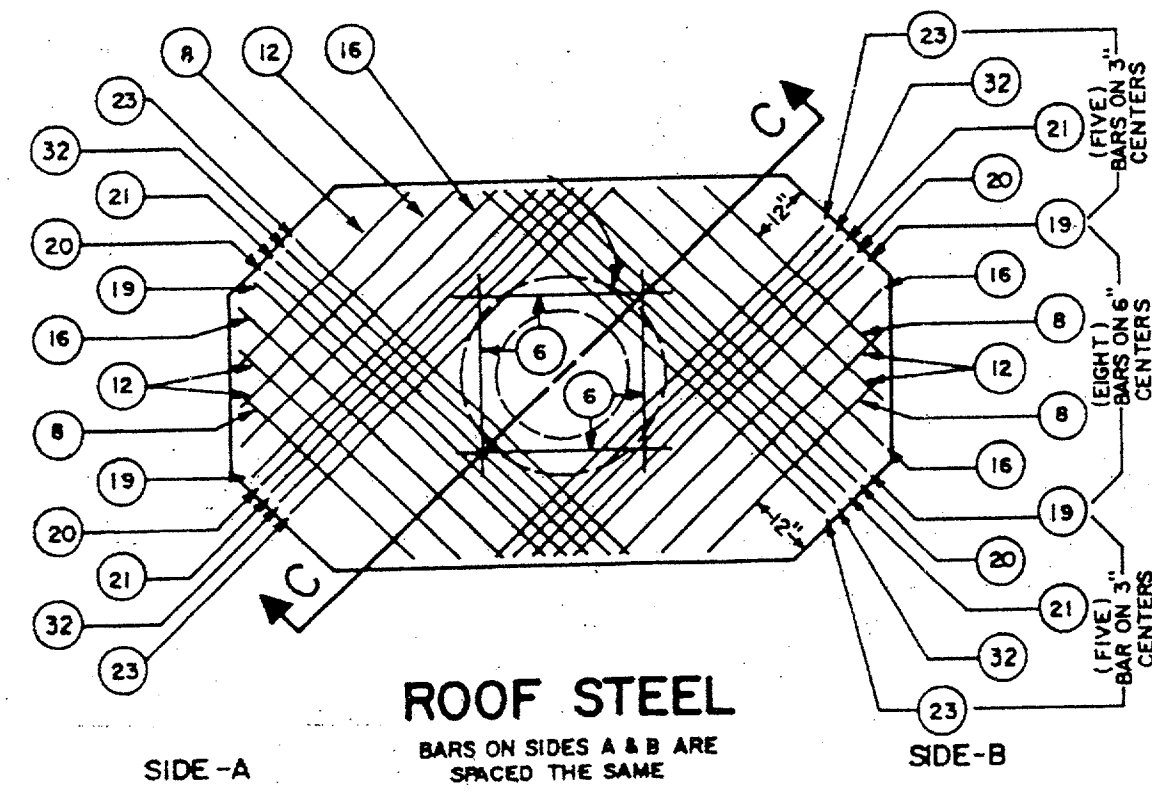
NOTE: SEE DETAIL #21 FOR DEEP PANEL WHEN CALLED FOR ON JOB SKETCH.



PLAN VIEW

SECTION A-A

SECTION B-B

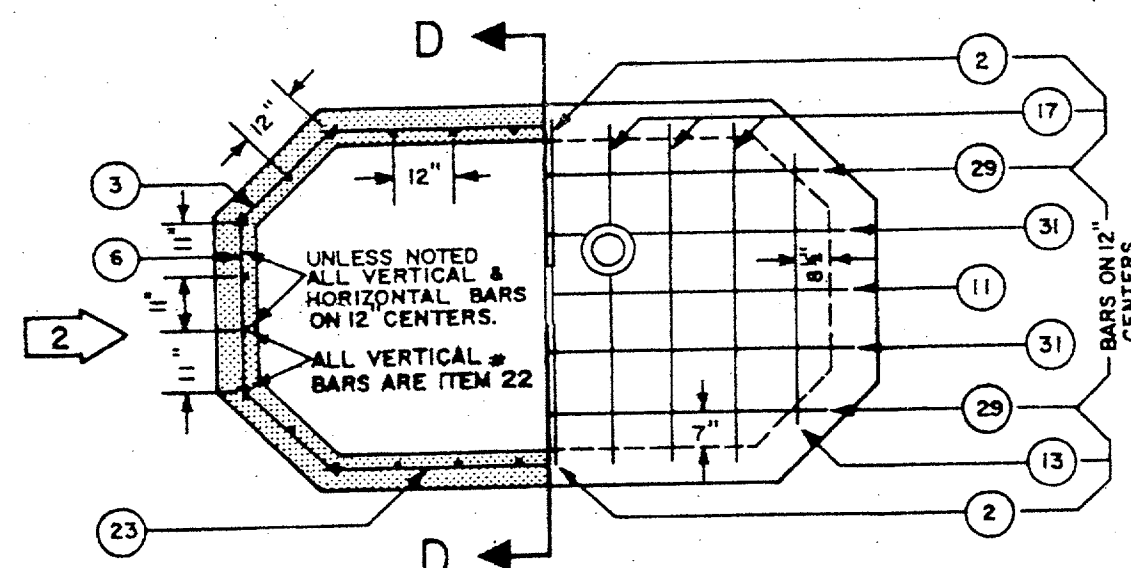


ROOF STEEL

SIDE-A

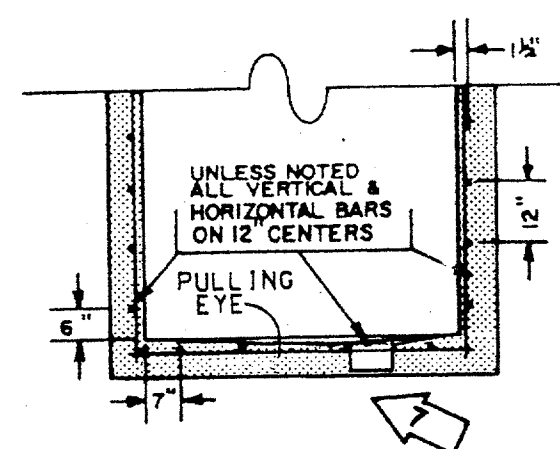
BARS ON SIDES A & B ARE SPACED THE SAME

SIDE-B



WALL STEEL  
(TYPICAL)

FLOOR STEEL  
(TYPICAL)



SECTION D-D

SECTION C-C

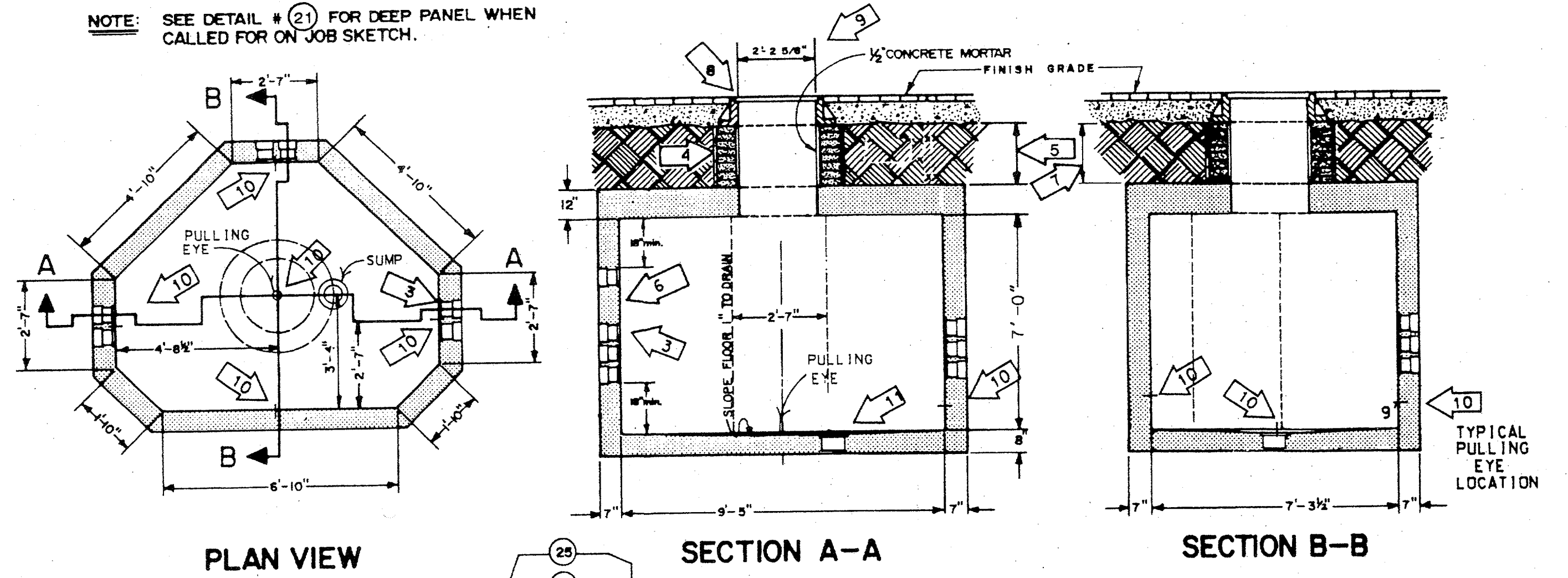
REINFORCING BARS					
ITEM	LENGTHS	QUANTITY			TOTAL
	FT. IN.	FLOOR	WALLS	ROOF	
2	2 3	2			2
3	2 6		24		24
6	3 3		12	4	16
8	3 9			4	4
11	4 6	2			2
12	4 9			4	4
13	5 0	2			2
16	5 9			4	4
17	6 0	6			6
19	6 6		4	4	4
20	6 9		4	4	4
21	7 0		12	4	16
22	7 10		28		28
23	7 6		12	4	16
29	9 0	2			2
31	10 3	2			2

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

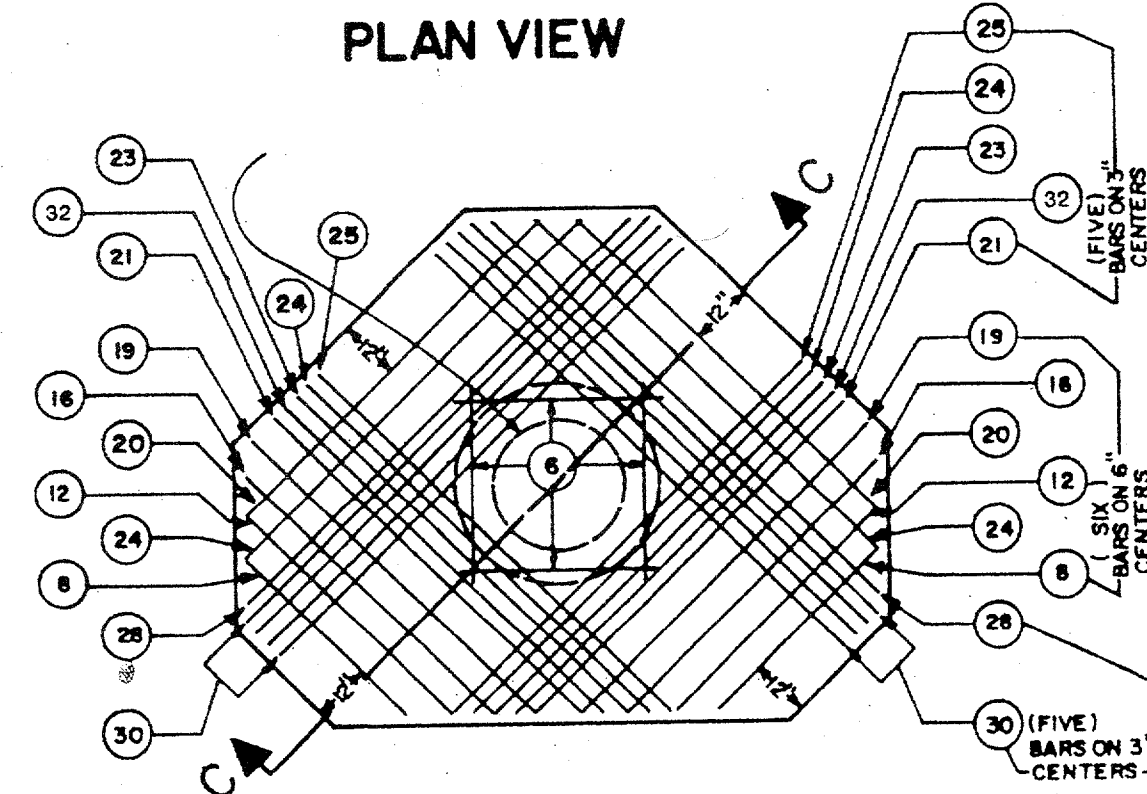
NOTE: SEE DETAIL #21 FOR DEEP PANEL WHEN CALLED FOR ON JOB SKETCH.



PLAN VIEW

SECTION A-A

SECTION B-B

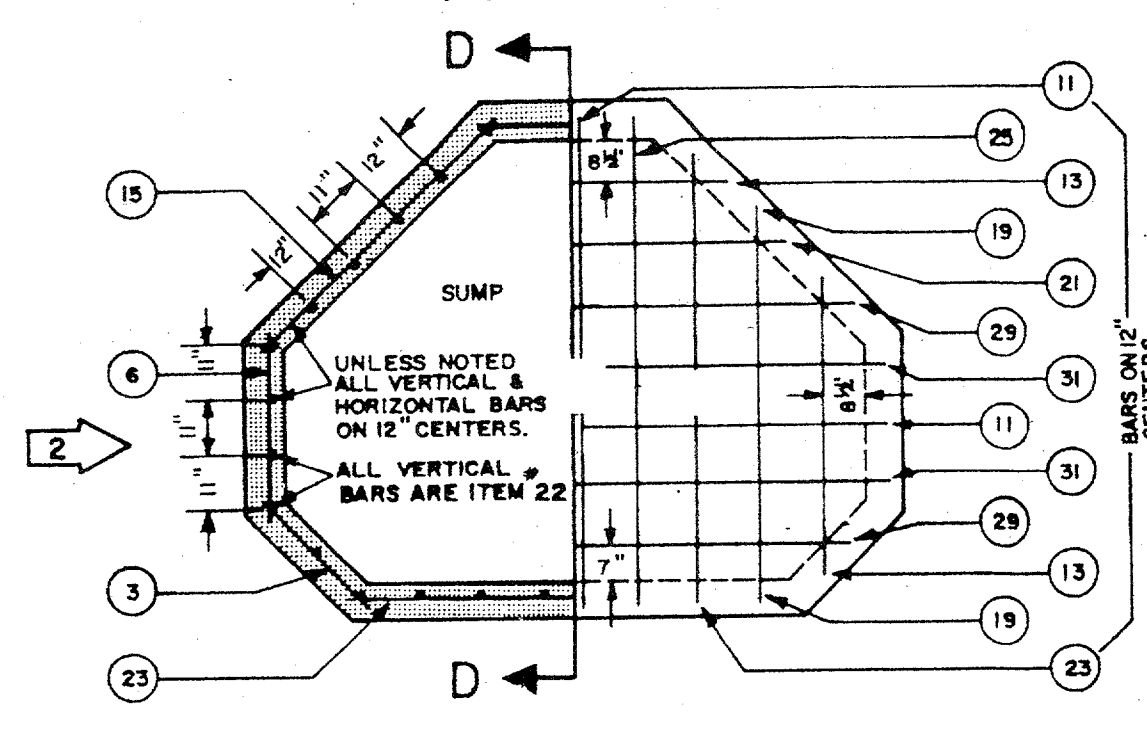


ROOF STEEL

SIDE-A

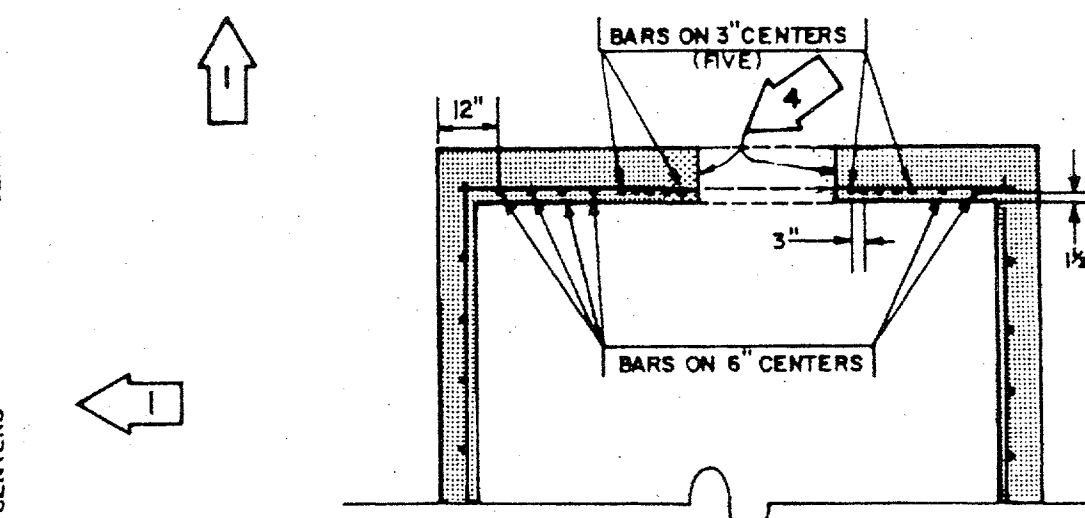
BARS ON SIDES A & B ARE SPACED THE SAME

SIDE-B



WALL STEEL  
(TYPICAL)

FLOOR STEEL  
(TYPICAL)



SECTION C-C

REINFORCING BARS					
ITEM	LENGTHS	QUANTITY			TOTAL
	FT. IN.	FLOOR	WALLS	ROOF	
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	4
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	4
25	8 0	2		2	4
28	8 9		2	2	2
29	9 0	2			2
30	9 3		8		8
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 —

ALL GENERAL NOTES APPLY TO BOTH TYPE "B" & "C" MANHOLES

- 1 STANDARD HEADROOM - 7'-0" ALL REINFORCING BARS TO BE #5 DEFORMED BARS. ALL BARS TO HAVE MINIMUM COVER OF 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 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

E5

TU ELECTRIC

CD

NETWORK UNDERGROUND APPURTENANCE SHEETS  
MANHOLE DETAILS

SCALE: NO SCALE

DATE: 12-12-91

APP. JES

APP. PRN

ENG. JRC

CH. JRC

OWN. MED

ESTIMATE

LIST OF DRAWINGS

W.A.

NO. DATE

REVISION DESCRIPTION

DRAWN CH.

APP.

APP.

UNIT ID