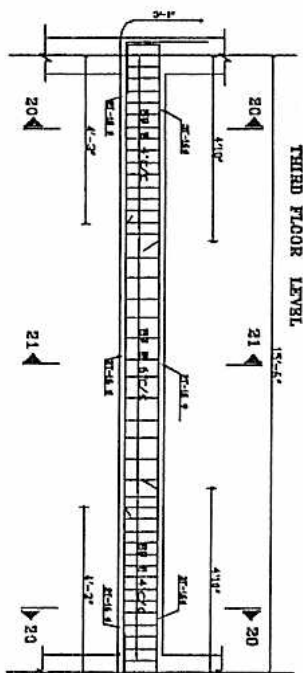
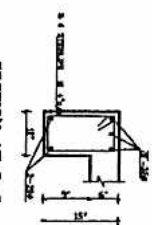


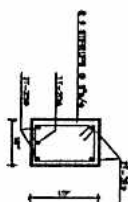
# THIRD FLOOR LEVEL



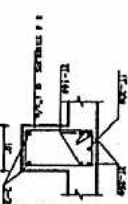
SECTION AT 8-9  
DETAIL 1/8" = 1'-0"



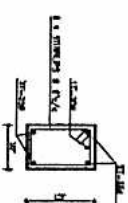
SECTION AT 9-8  
DETAIL 1/8" = 1'-0"



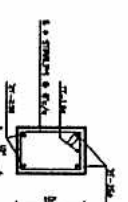
SECTION AT 10-10  
DETAIL 1/8" = 1'-0"



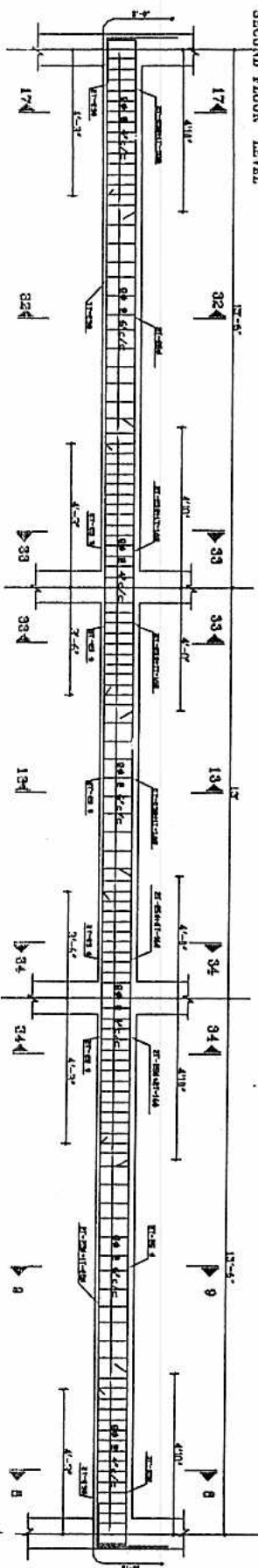
SECTION AT 11-11  
DETAIL 1/8" = 1'-0"



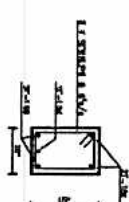
SECTION AT 13-13  
DETAIL 1/8" = 1'-0"



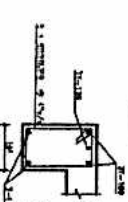
# SECOND FLOOR LEVEL



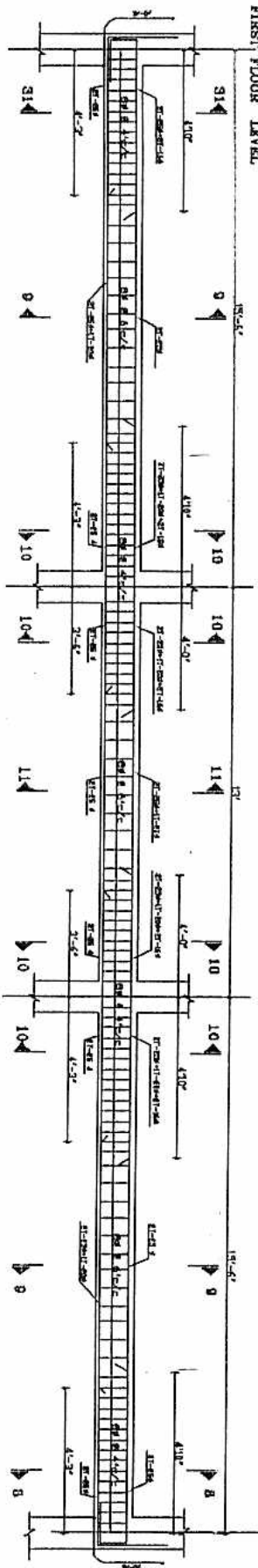
SECTION AT 20-20  
DETAIL 1/8" = 1'-0"



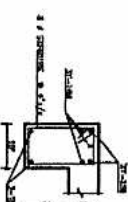
SECTION AT 21-21  
DETAIL 1/8" = 1'-0"



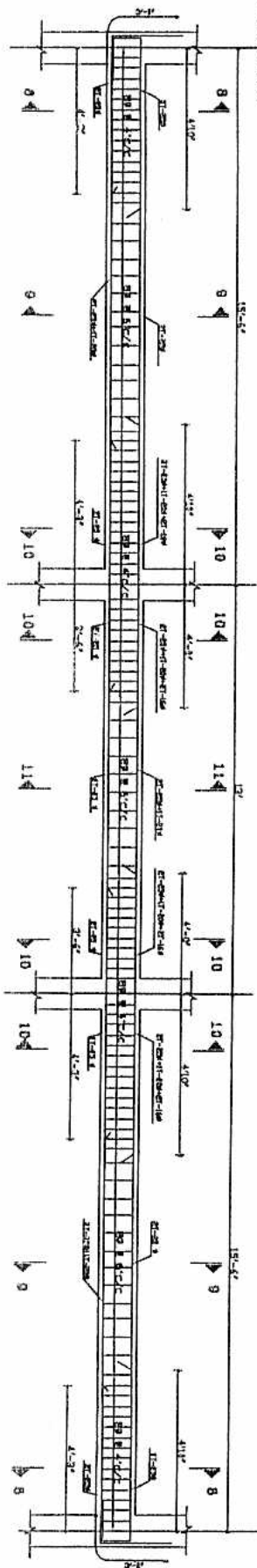
# FIRST FLOOR LEVEL



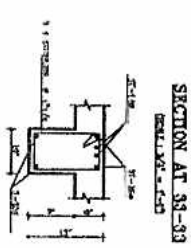
SECTION AT 31-31  
DETAIL 1/8" = 1'-0"



# PUNTA LEVEL



LONGITUDINAL BEAM SECTION ALONG 2-2  
DETAIL 1/8" = 1'-0"



SECTION AT 34-34  
DETAIL 1/8" = 1'-0"

UNITED NATIONS DEVELOPMENT PROGRAMME

DISASTER RISK MANAGEMENT UNIT

Project 1 -  
CONSTRUCTION OF SAFE SHELTER  
AT MULL

STRUCTURAL PLANS

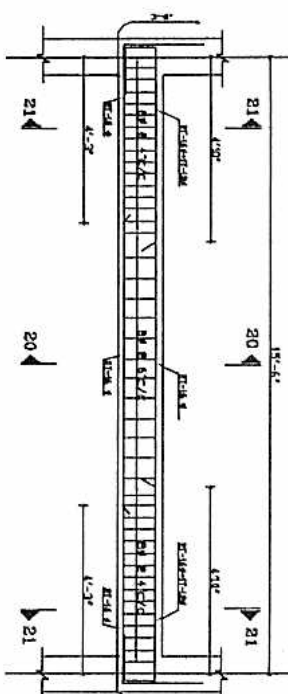
Original Plan Designed By: Uthairath Karmacharya  
Checked By: DRC 2005

Revised/Amended Drawn By: BG/IV  
Date: July/August 2007

S9



# THIRD FLOOR LEVEL



SECTION AT 1-1  
DETAIL: 1/4" = 1'-0"

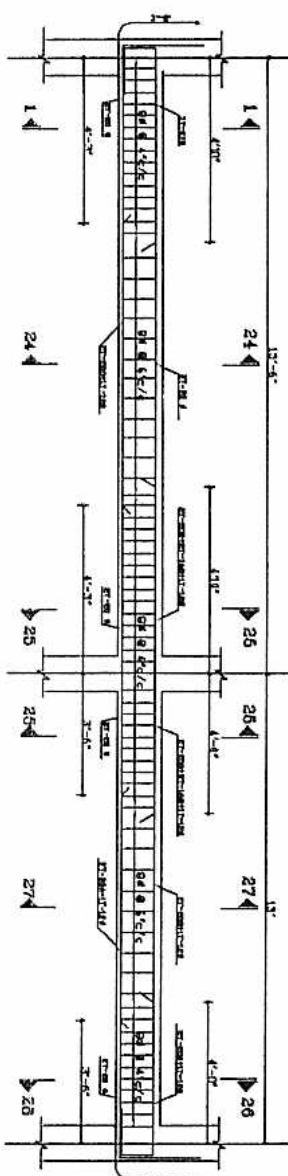
SECTION AT 2-2  
DETAIL: 1/4" = 1'-0"

SECTION AT 3-3  
DETAIL: 1/4" = 1'-0"

SECTION AT 22-22  
DETAIL: 1/4" = 1'-0"

SECTION AT 23-23  
DETAIL: 1/4" = 1'-0"

# SECOND FLOOR LEVEL



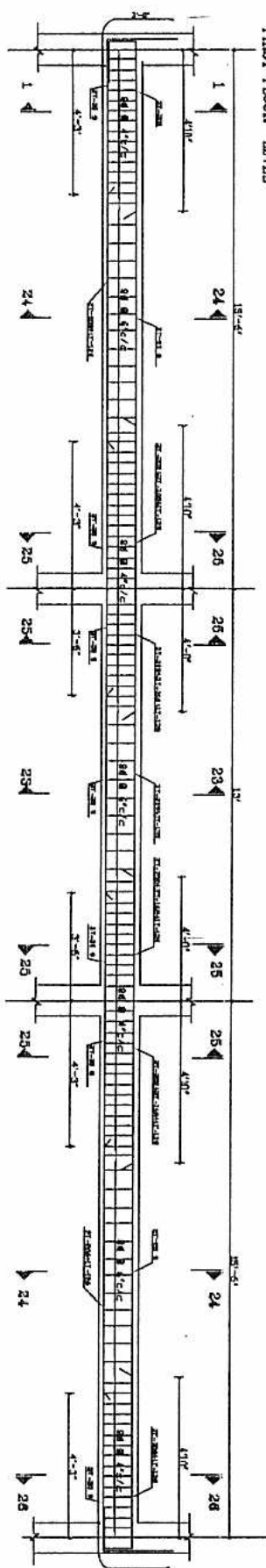
SECTION AT 20-20  
DETAIL: 1/4" = 1'-0"

SECTION AT 31-31  
DETAIL: 1/4" = 1'-0"

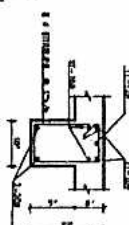
SECTION AT 23-23  
DETAIL: 1/4" = 1'-0"

SECTION AT 24-24  
DETAIL: 1/4" = 1'-0"

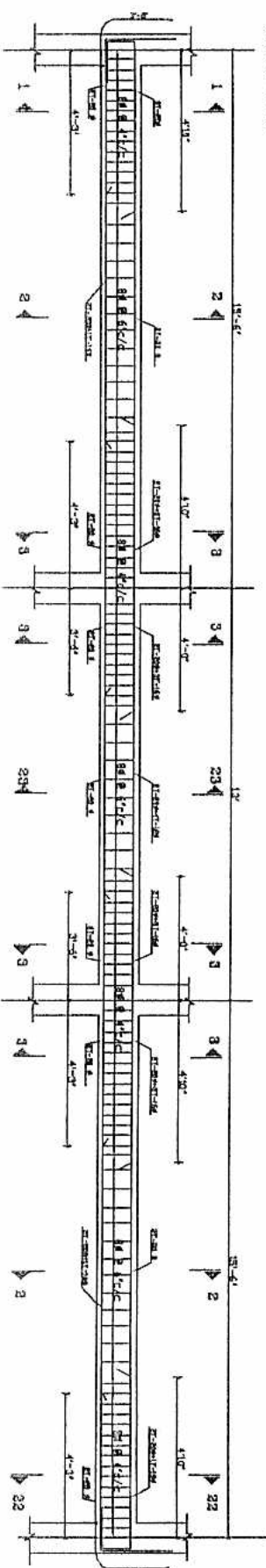
# FIRST FLOOR LEVEL



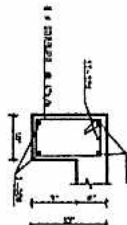
SECTION AT 25-25  
DETAIL: 1/4" = 1'-0"



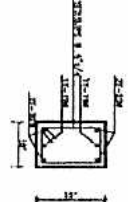
# PLANTA LEVEL



SECTION AT 26-26  
DETAIL: 1/4" = 1'-0"



SECTION AT 27-27  
DETAIL: 1/4" = 1'-0"



LONGITUDINAL BEAM SECTION ALONG D-D  
DETAIL: 1/4" = 1'-0"

UNITED NATIONS DEVELOPMENT PROGRAMME

DISASTER RISK MANAGEMENT UNIT

Project :-  
CONSTRUCTION OF SAFE SHELTER  
AT MUJI

STRUCTURAL PLANS

Original Plan Designed by  
Sergey Davlatov  
Checked by  
Ushatov Kermatov  
Date  
Dec 2003

Revised/Amended by  
WVS  
Checked by  
BG/AV  
Date  
May/August 2007

This plan is a modification/revision of the original plan previously prepared by the consultant for the UNDP 2004. This modification plan is prepared by the UNDP team upon the request of the UNDP team to revise the existing plan to reflect the changes in the building structure and structural details. The original plan was prepared by the consultant for the UNDP team. The original plan was prepared by the consultant for the UNDP team. The original plan was prepared by the consultant for the UNDP team.

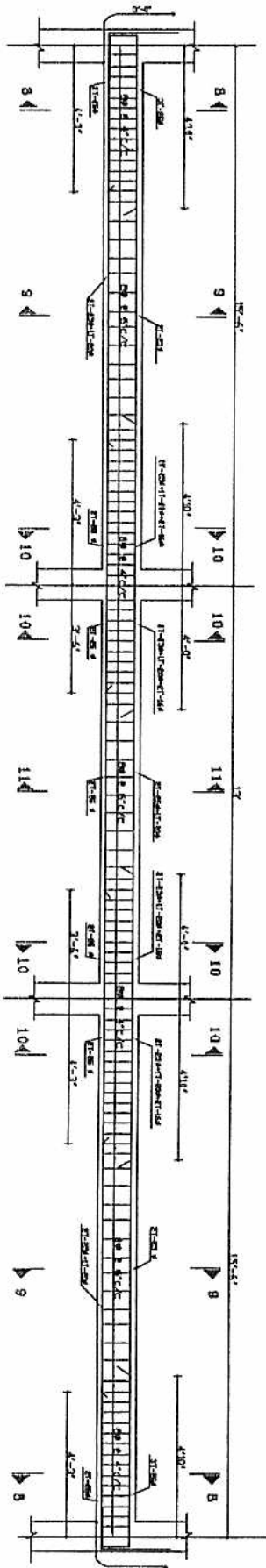
S7

The technical drawing shows a side elevation of a building facade with three floors. The facade features a series of rectangular windows arranged in three horizontal rows. Key dimensions and labels include:

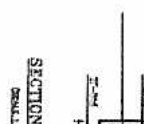
- Section Lines:** Indicated by arrows and numbers 20 and 21 at both ends of the facade.
- Floor Levels:** Labeled as "ETAGE - S" (Second Floor) and "ETAGE - C" (Third Floor).
- Window Dimensions:** Individual window heights are labeled as "H = 1.70".
- Overall Dimensions:** Vertical dimensions on the right indicate floor-to-floor heights of 4.90m and 4.10m, and a total height of 15.60m from ground level to the top of the third floor.
- Horizontal Dimensions:** Horizontal dimensions at the bottom indicate a distance of 4.50m between vertical reference lines.

[illegible][illegible]





SECTION AT 13-12



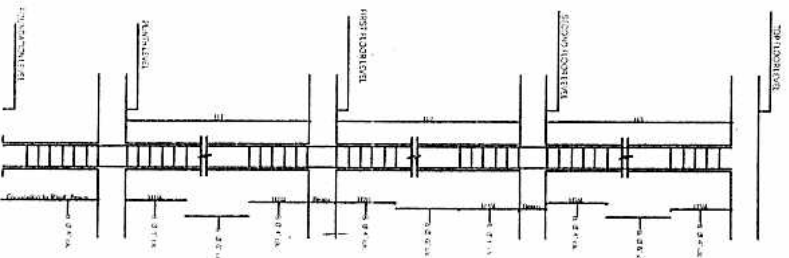
**SECTION AT 6-6**  
**GRADE 1.34' - 1'-50**



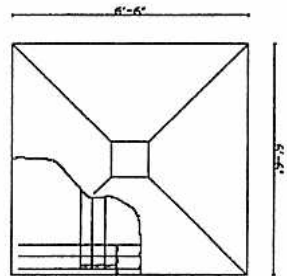
Column	Size	Reinforcement in First Level	Reinforcement in First Floor	Reinforcement in Second Floor	Reinforcement in Third Floor	Notes
C1	14" x 14"	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	3 mm dia stirrups
C2	14" x 14"	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	3 mm dia stirrups
C3	14" x 14"	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	3 mm dia stirrups
C4	14" x 14"	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	3 mm dia stirrups
C5	14" x 14"	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	3 mm dia stirrups
C6	14" x 14"	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	3 mm dia stirrups
C7	14" x 14"	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	3 mm dia stirrups
C8	14" x 14"	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	3 mm dia stirrups
C9	14" x 14"	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	3 mm dia stirrups
C10	14" x 14"	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	3 mm dia stirrups
C11	14" x 14"	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	4 nos. dia 20 mm 4 nos. dia 20 mm	3 mm dia stirrups

# APPLICABLE TO ALL STRUCTURAL DRAWINGS

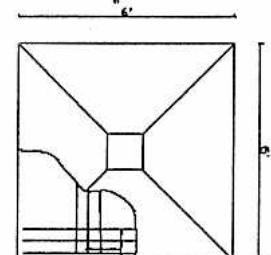
1. STEEL GRADE :  
i) HIGH STRENGTH COLD TWISTED BARS (Fe415) OR EQUIVALENT
2. CONCRETE GRADE :  
M20 FOR ALL TYPES OF RCC WORKS/MS FOR WATER TANK.
3. CLEAR COVER TO REINFORCEMENTS :  
i) 20mm - ALL SLABS  
ii) 30mm - ALL BEAMS  
iii) 40mm - ALL COLUMNS  
iv) 50mm - ALL FOUNDATIONS
4. LAP LENGTH :  
i) THE LAP LENGTH IN TENSION SHALL BE EQUAL TO 47 TIMES THE DIAMETER OF BARS (i.e. 47 $\phi$ ),  
ii) THE LAP LENGTH IN COMPRESSION SHALL BE EQUAL TO 38 TIMES THE DIAMETER OF BARS (i.e. 38 $\phi$ ).
5. ANCHORAGE LENGTH :  
i) BOTH TOP & BOTTOM BARS OF BEAMS SHALL BE TAKEN THROUGH THE COLUMN AND MADE CONTINUOUS WHEREVER POSSIBLE IN THE CASE OF INTERIOR JOINTS.  
ii) IN OTHER CASE, BOTH TOP & BOTTOM BARS SHALL BE EXTENDED TO THE FAR FACES OF THE COLUMN CORE WITH ANCHORAGE LENGTH OF 57 TIMES OF THE DIAMETER OF BARS (i.e. 57 $\phi$ ).
6. STIRRUPS DETAIL :  
FIRST HOOP (i.e. IN THE FORM OF CLOSED STIRRUPS) LOCATED A DISTANCE NOT EXCEEDING 50mm FROM THE COLUMN FACE.



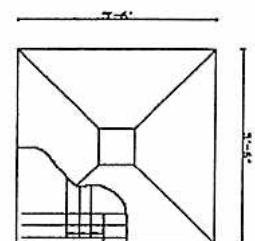
TYP. LONGITUDINAL COLUMN SECTION



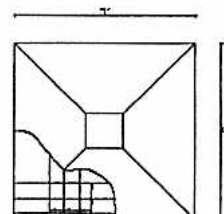
PLAN OF FOOTING - F4  
[CONSULTANT'S LOGO]



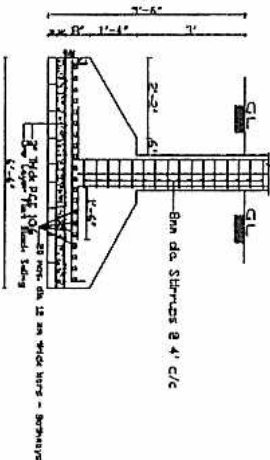
PLAN OF FOOTING - F3  
[CONSULTANT'S LOGO]



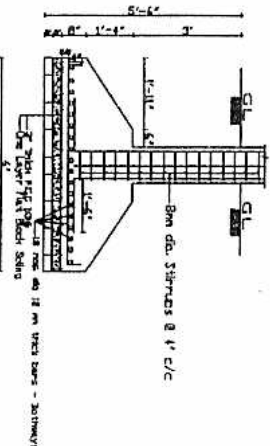
PLAN OF FOOTING - F2  
[CONSULTANT'S LOGO]



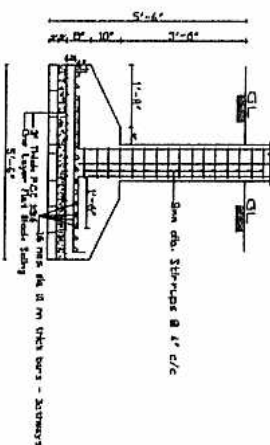
PLAN OF FOOTING - F1  
[CONSULTANT'S LOGO]



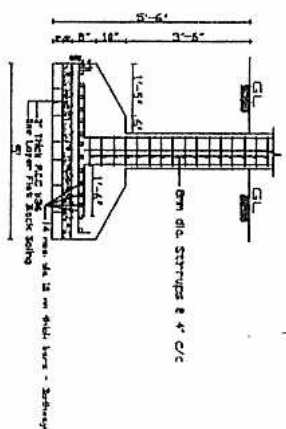
SECTION OF FOOTING - F4  
[CONSULTANT'S LOGO]



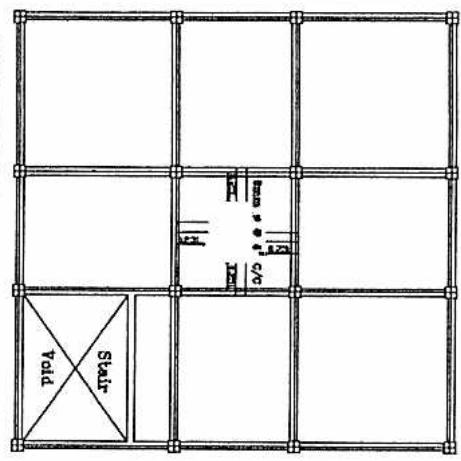
SECTION OF FOOTING - F3  
[CONSULTANT'S LOGO]



SECTION OF FOOTING - F2  
[CONSULTANT'S LOGO]

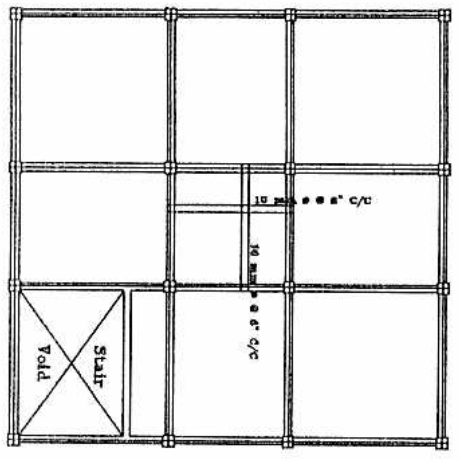


SECTION OF FOOTING - F1  
[CONSULTANT'S LOGO]



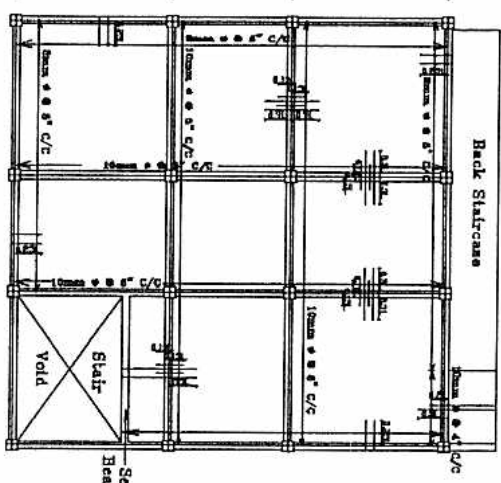
WATER TANK SLAB REINFORCEMENT DETAILS  
(TOP BAR)

Notes:  
(1) Top Reinforcement bars of Slab = #8 C/C



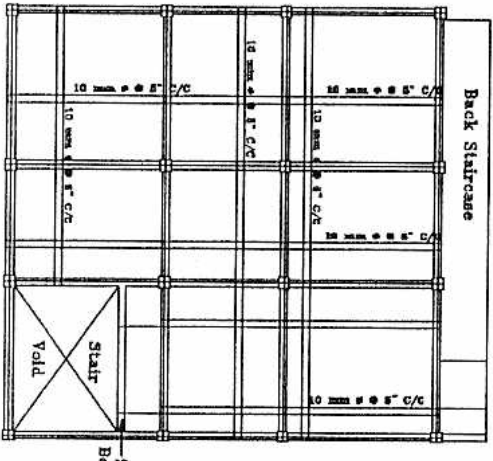
WATER TANK SLAB REINFORCEMENT DETAILS  
(BOTTOM BAR)

Notes:  
(1) Top Reinforcement bars of Slab = #8 C/C



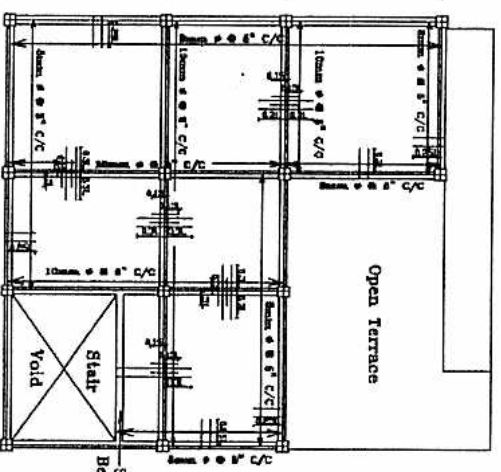
FIRST FLOOR SLAB REINFORCEMENT DETAILS  
(TOP BAR)

Notes:  
(1) Top Reinforcement bars of Slab = #8 C/C



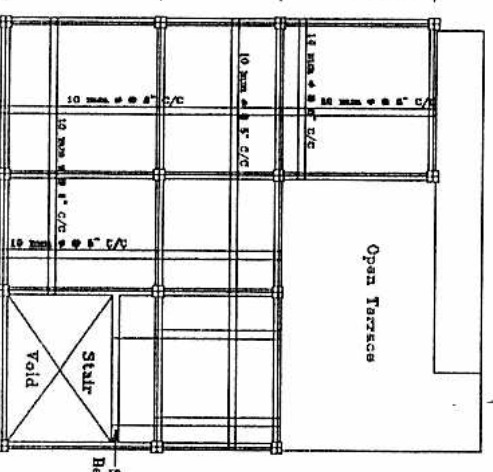
FIRST FLOOR SLAB REINFORCEMENT DETAILS  
(BOTTOM BAR)

Notes:  
(1) Top Reinforcement bars of Slab = #8 C/C



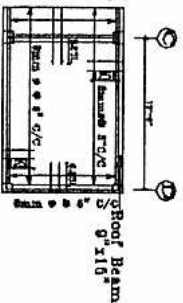
SECOND FLOOR SLAB REINFORCEMENT DETAILS  
(TOP BAR)

Notes:  
(1) Top Reinforcement bars of Slab = #8 C/C



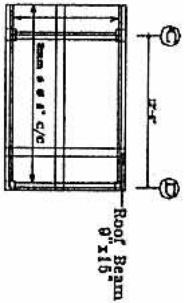
SECOND FLOOR SLAB REINFORCEMENT DETAILS  
(BOTTOM BAR)

Notes:  
(1) Top Reinforcement bars of Slab = #8 C/C



STAIR WELL ROOF SLAB REINFORCEMENT DETAILS  
(TOP BAR)

Notes:  
(1) Top Reinforcement bars of Slab = #8 C/C

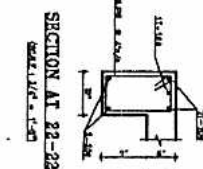
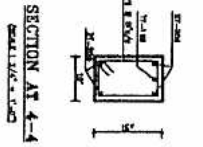
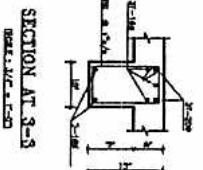
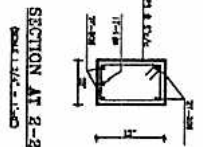
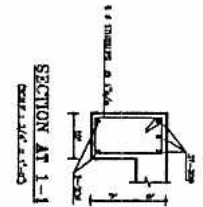
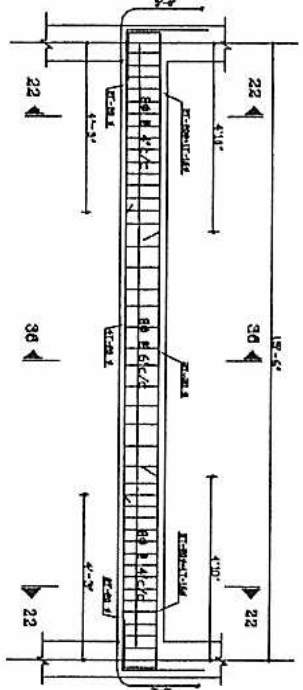


STAIR WELL ROOF SLAB REINFORCEMENT DETAILS  
(BOTTOM BAR)

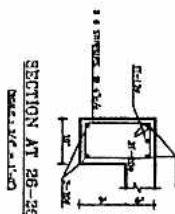
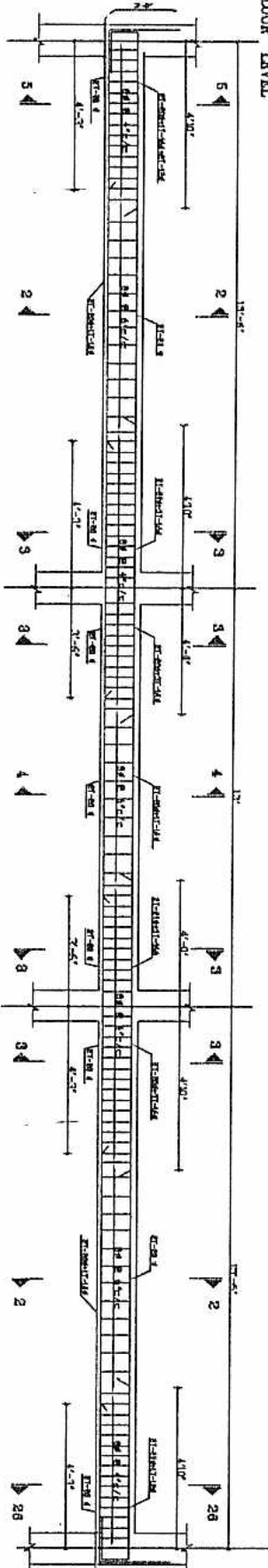
Notes:  
(1) Top Reinforcement bars of Slab = #8 C/C



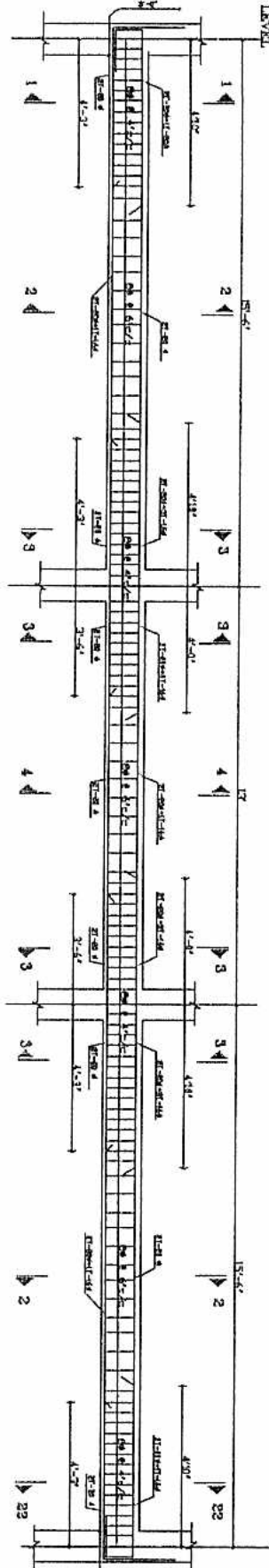
# SECOND FLOOR LEVEL



# FIRST FLOOR LEVEL



# PLUMB LEVEL



LONGITUDINAL BEAM SECTION ALONG 4-4

SCALE: 1/8" = 1'-0"

[illegible]

The drawing consists of two parts: a plan view (top) and a cross-section (bottom). The plan view shows a long, narrow bridge structure with multiple spans, supported by several piers. The cross-section shows the bridge deck, which is a flat slab, and the supporting structure. The drawing includes dimensions and labels for various parts of the bridge.

SECTION AT 9-8  
DETAIL 10-1-15-20

SECTION AT 9-9  
DETAIL 10-1-15-20

SECTION AT 10-10  
DETAIL 10-1-15-20

SECTION AT 11-11  
DETAIL 10-1-15-20

SECTION AT 12-12  
DETAIL 10-1-15-20

SECTION AT 17-17  
DETAIL 10-1-15-20

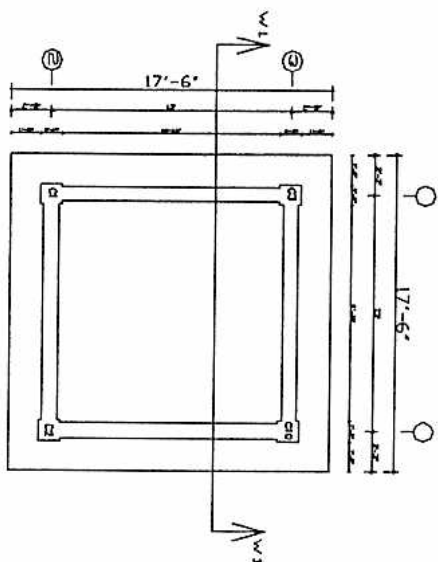
SECTION AT 33-33  
DETAIL 10-1-15-20

SECTION AT 34-34  
DETAIL 10-1-15-20

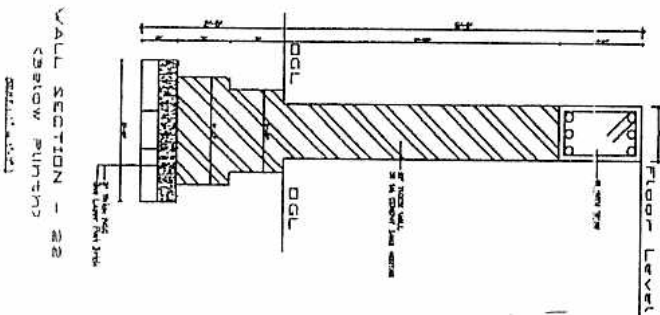
SECTION AT 35-35  
DETAIL 10-1-15-20

510

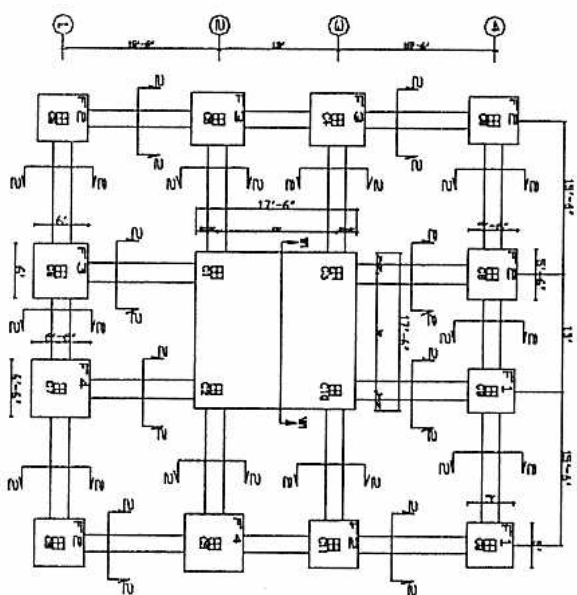
PLAN  
UNDERGROUND RESERVOIR WATER TANK  
(SCALE: 1/20)



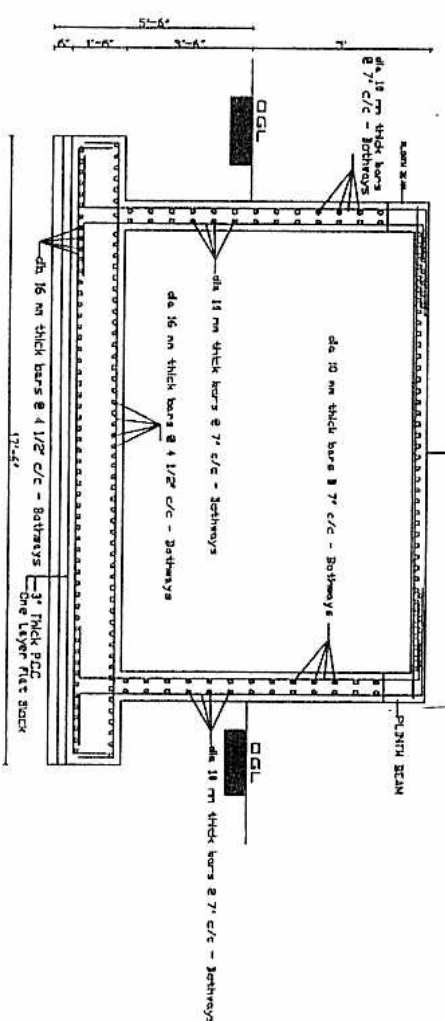
WALL SECTION - 22  
CROSS SECTION  
(SCALE: 1/20)

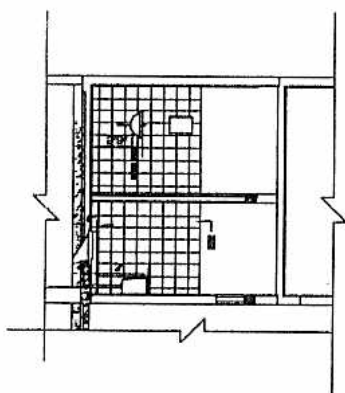


TRENCH PLAN  
(SCALE: 1/20)

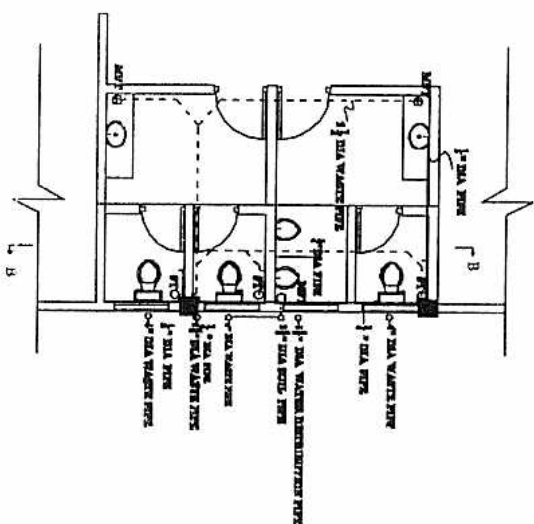


SECTION AT W1-W1  
UNDERGROUND RESERVOIR WATER TANK  
(SCALE: 1/20)

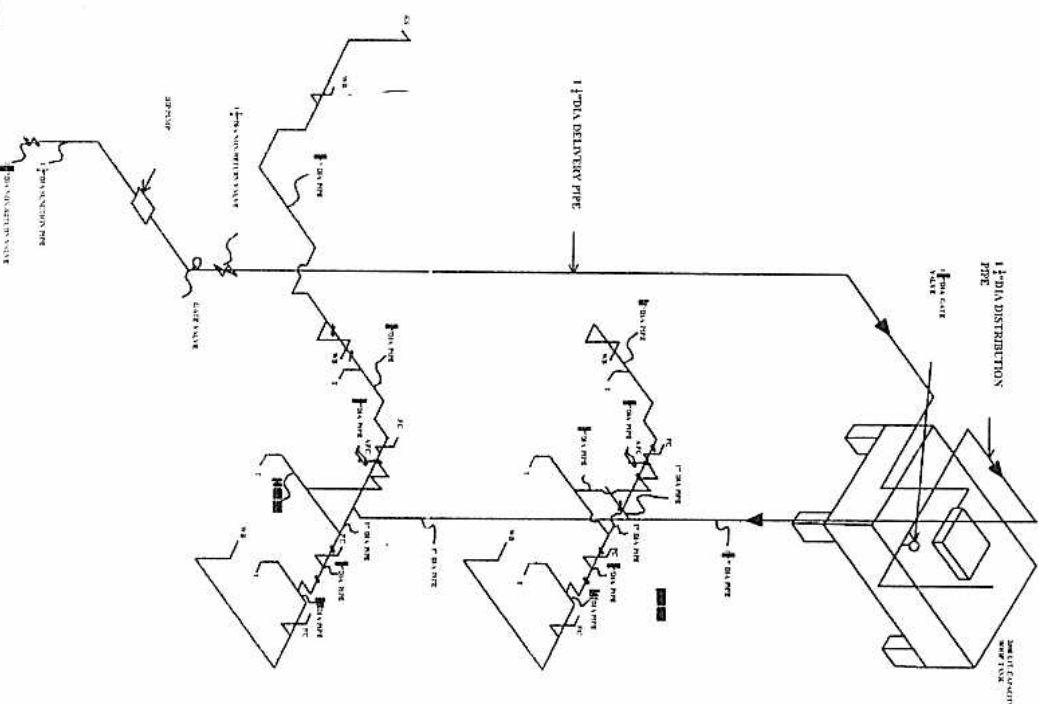




SECTION AT A-A

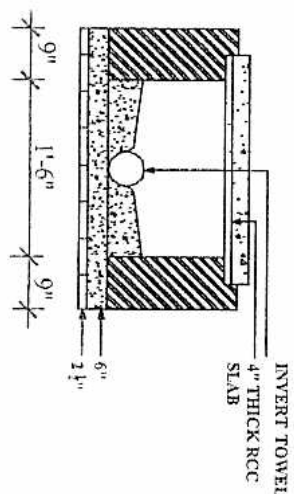
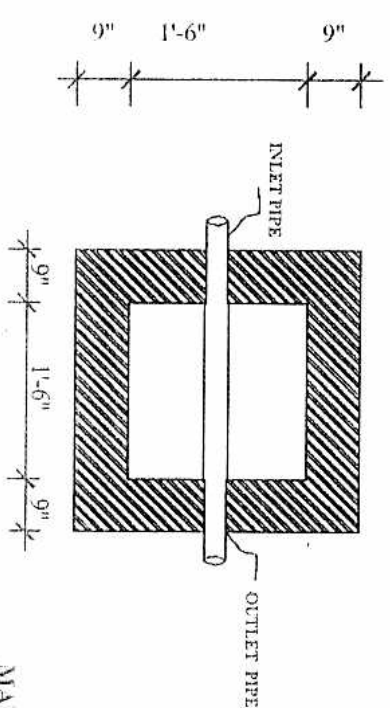
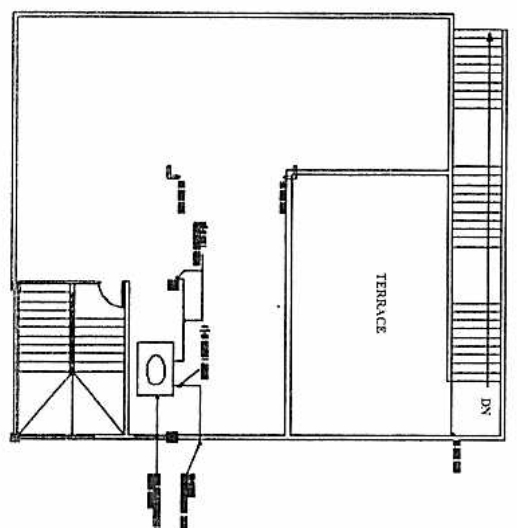
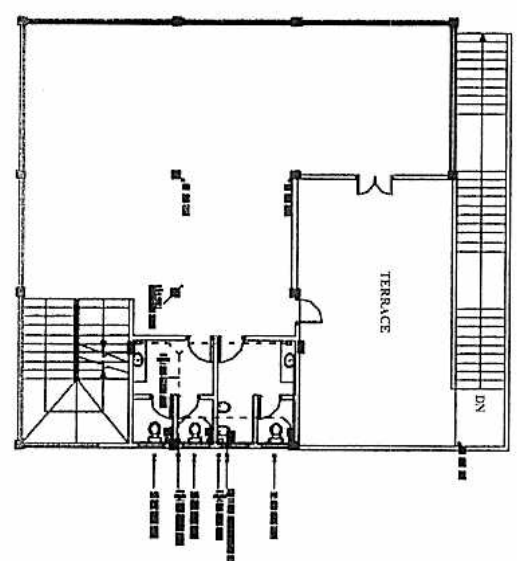
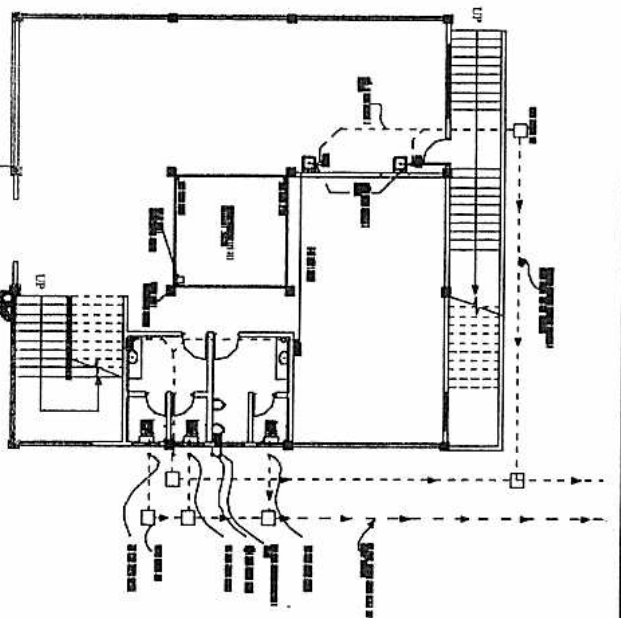


SECTION AT B-E

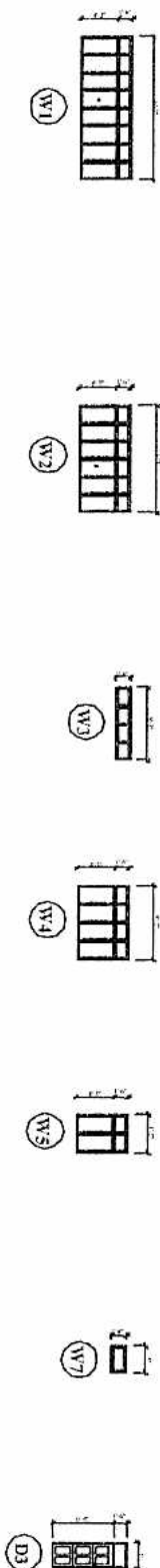


DE - WITH PLAIN CO. ENTER  
 DE - PLAIN CO. ENTER  
 DE - W. CO. CO. CO. CO.  
 DE - CO. CO. CO. CO.  
 DE - CO. CO. CO. CO.

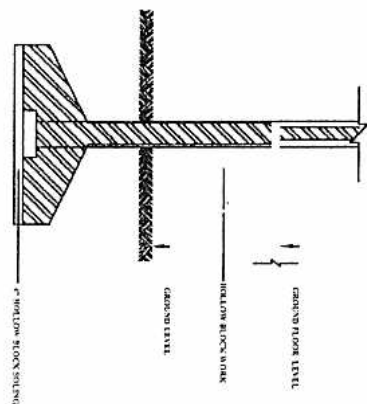




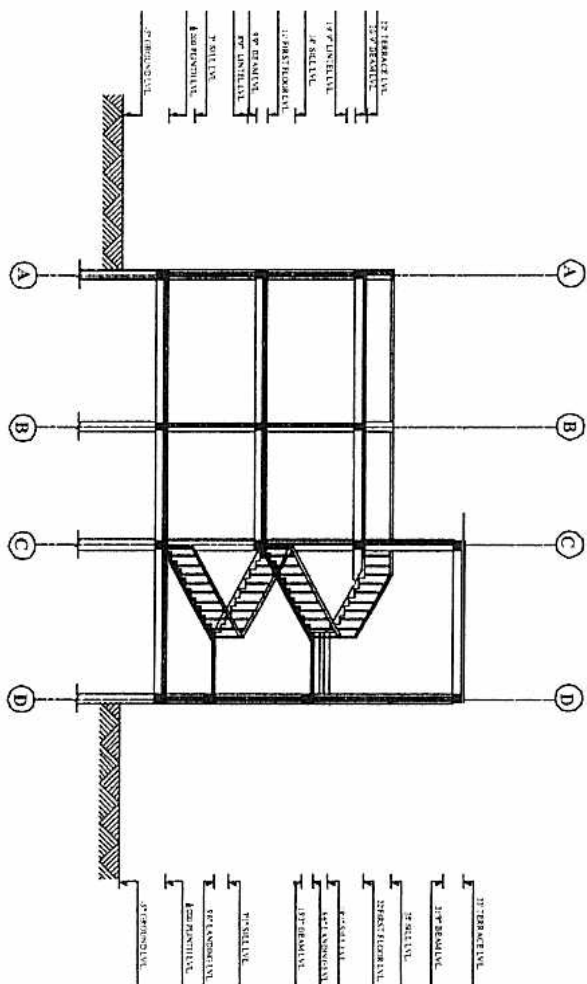
DOORS AND WINDOWS



WINDOW SECTION  
Scale: Not To Scale



SECTION AT A-A  
Scale: 1/8"=1'-0"



## DISASTER RISK MANAGEMENT UNIT

AT 201111

# CONSTRUCTION OF SAFE SHELTER

מחיר המכירה

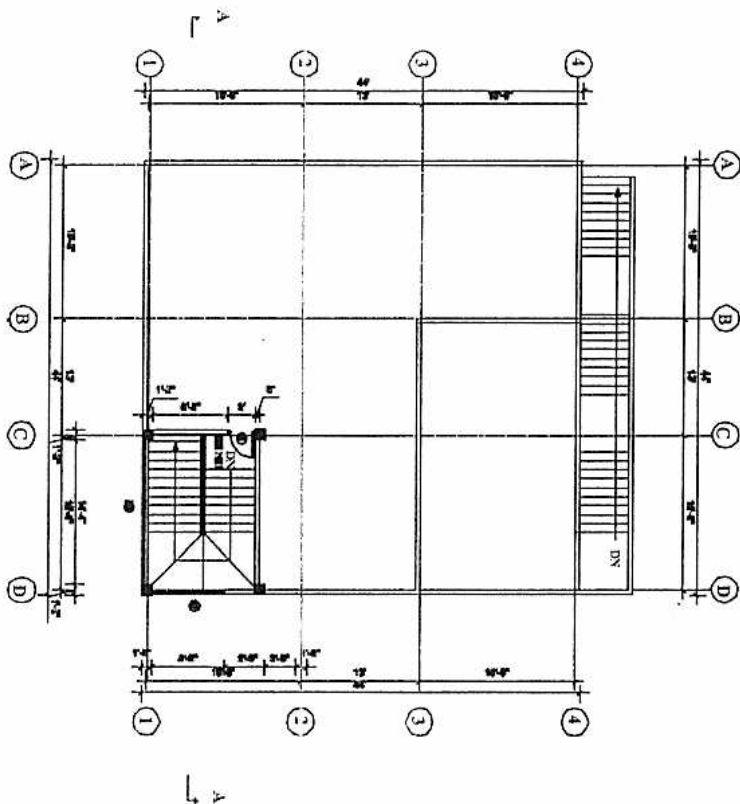
115

[illegible]

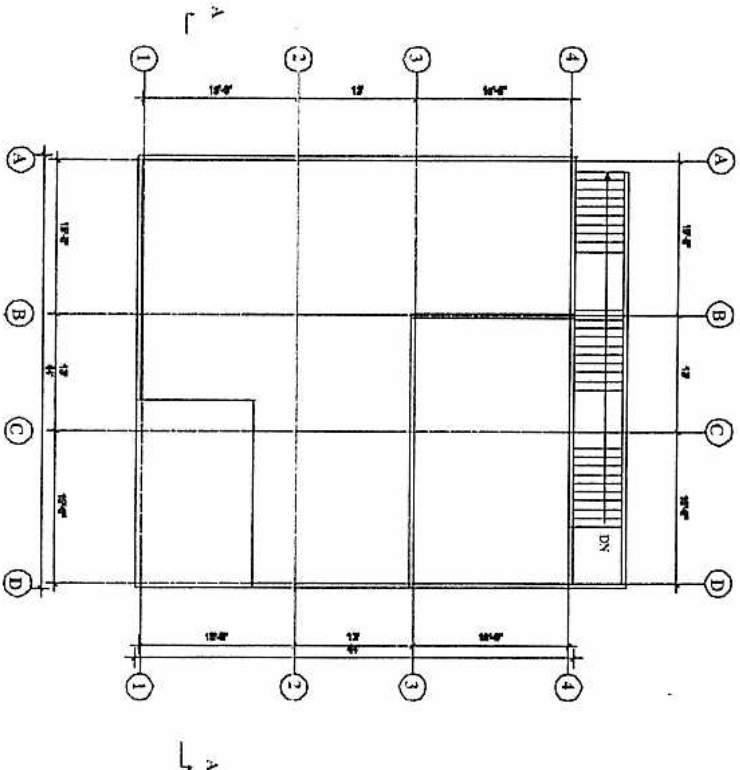
A4



SECOND FLOOR PLAN

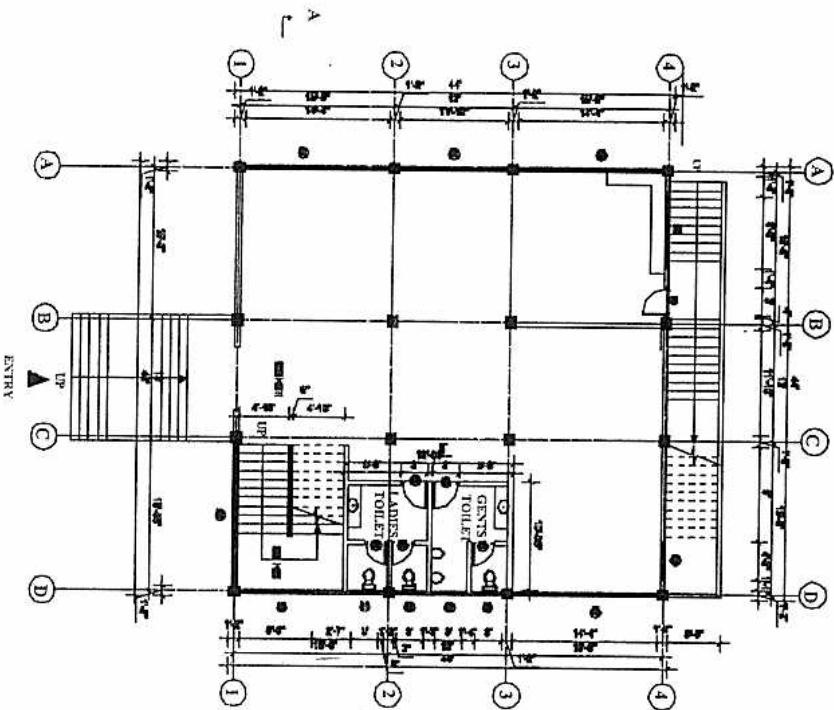


ROOF PLAN

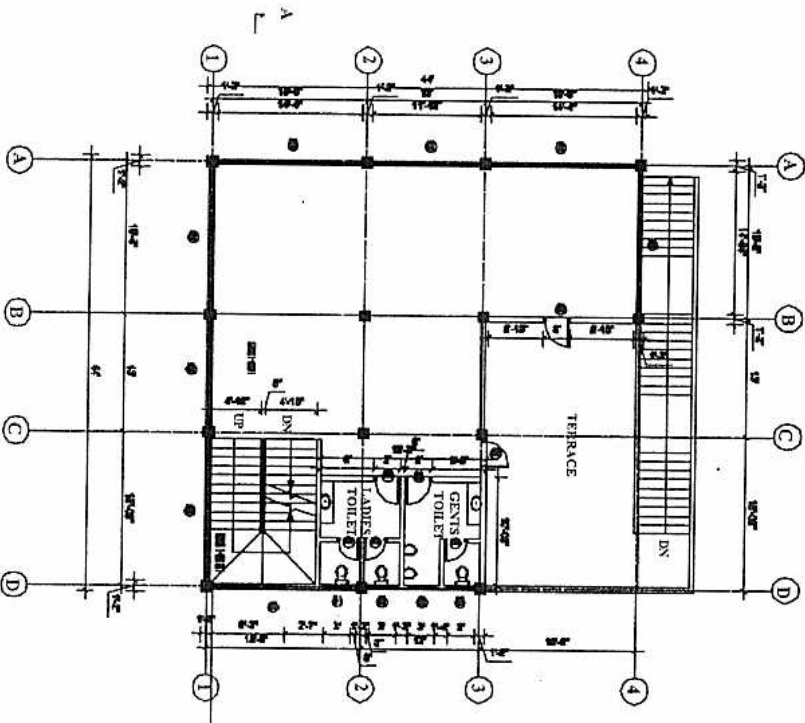


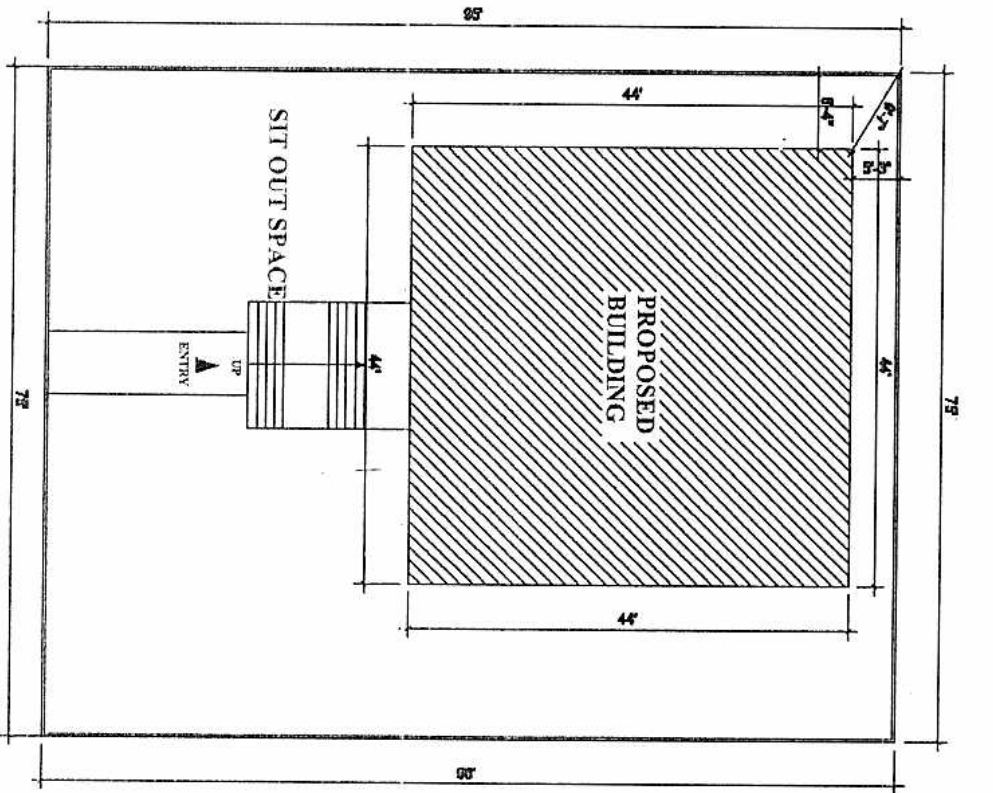


GROUND FLOOR PLAN

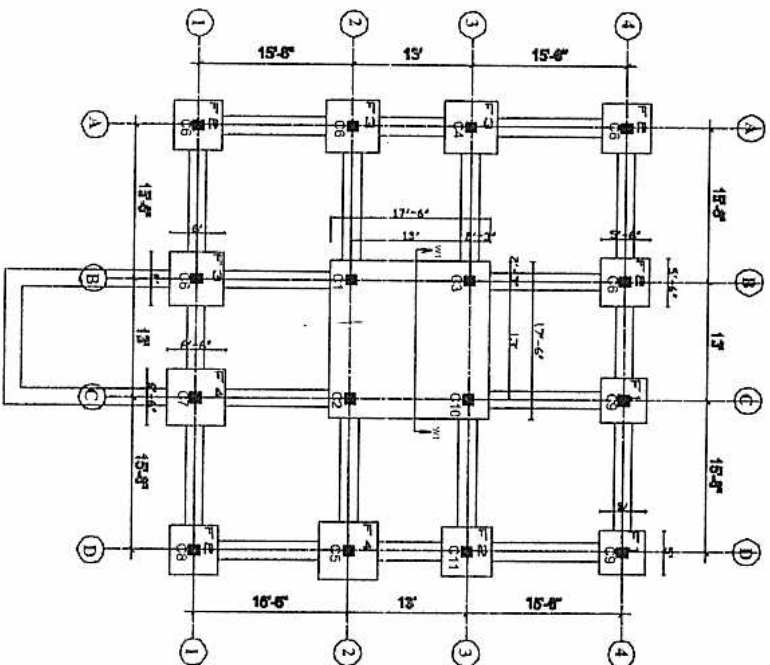


FIRST FLOOR PLAN



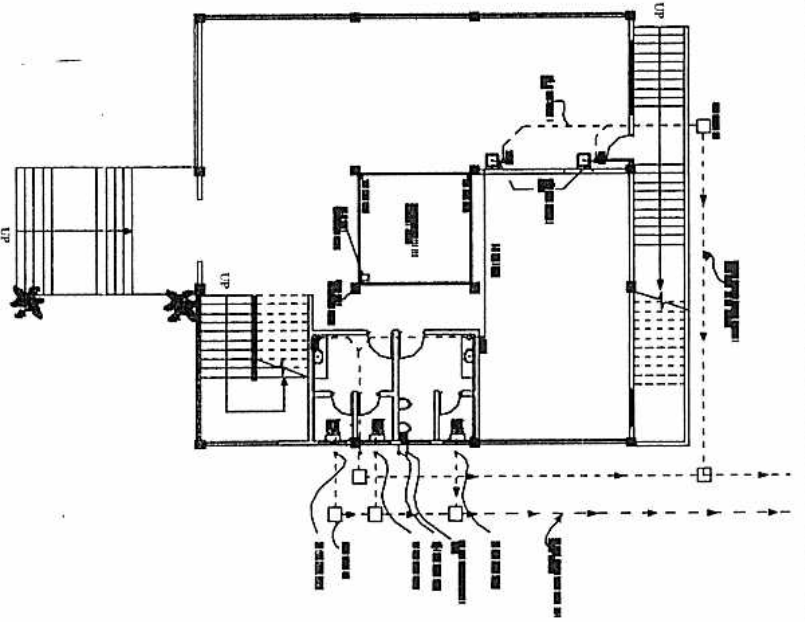


SITE PLAN

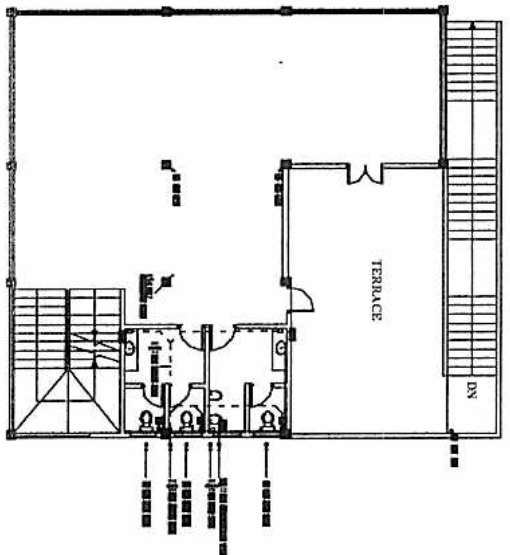


TRENCH PLAN

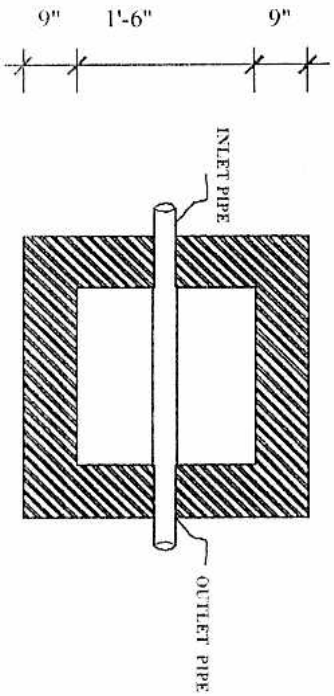
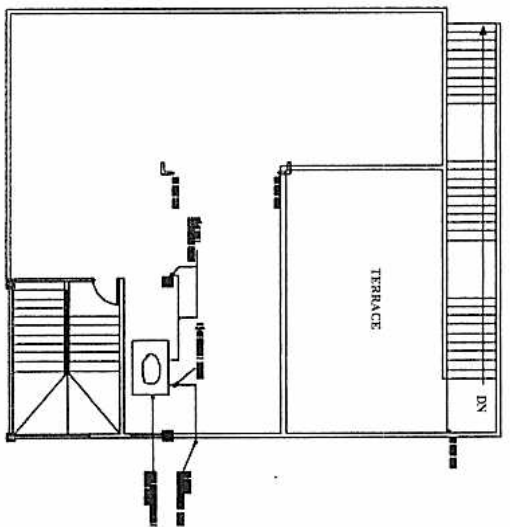
GROUND FLOOR PLAN



FIRST FLOOR PLAN

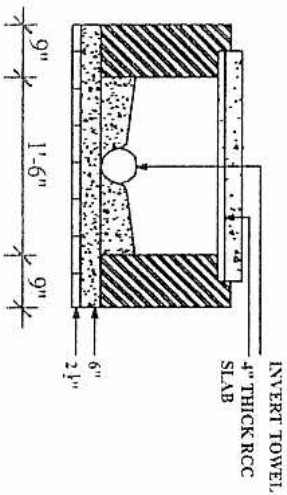


SECOND FLOOR PLAN



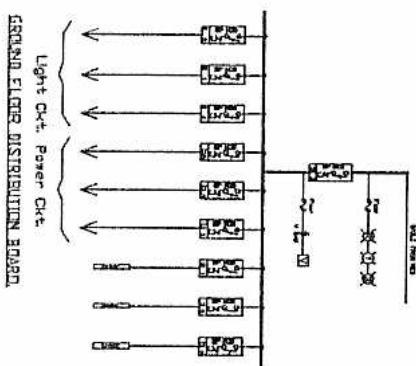
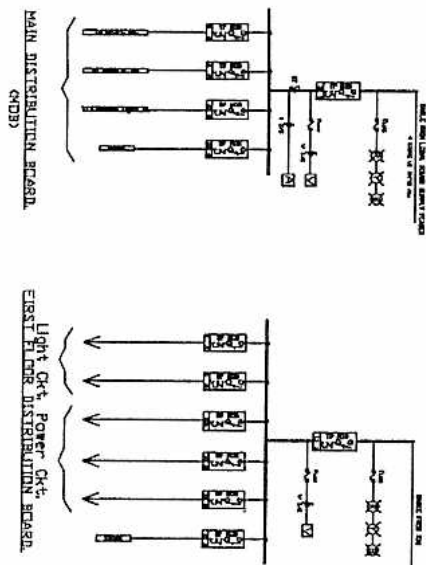
MANHOLE

Not to scale



INVERT TRENCH

Not to scale

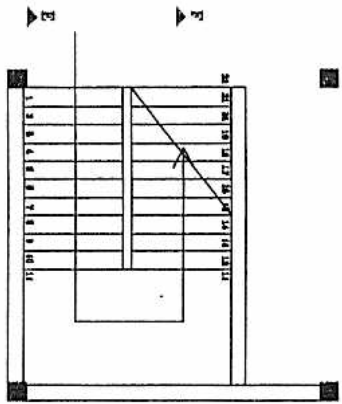


S.No.	SYMBOL	DESCRIPTION	S.No.	SYMBOL	DESCRIPTION
1.		CEILING FAN	11		5 A 3PIN SWITCHED SOCKET
2		1x40 SURFACE TYPE MIRROR OPTIC FTZ	12		TV SOCKET
3		1x40 BOX TYPE FTL (CEILING)	13		15 A 3 PIN SWITCHED SOCKET
4		1 x 40 BOX TYPE FTL (WALL)	14		TELEPHONE SOCKET
5		WALL LIGHT	15		FLAT ELECTRICAL DB
6		EXTERNAL BULK HEAD (GLS)	16		FLAT ELECTRICAL DB
7		MIRROR LIGHT	17		ONE GANG ONE WAY SWITCH
8		SURFACE TYPE CYLINDRICAL CEILING LT. (CFL)	18		THREE GANG ONE WAY SWITCH
9		CEILING DOME LIGHT	19		TWO WAY GANG SWITCH
10		2 PIN SOCKET	20		FAN DIMMER

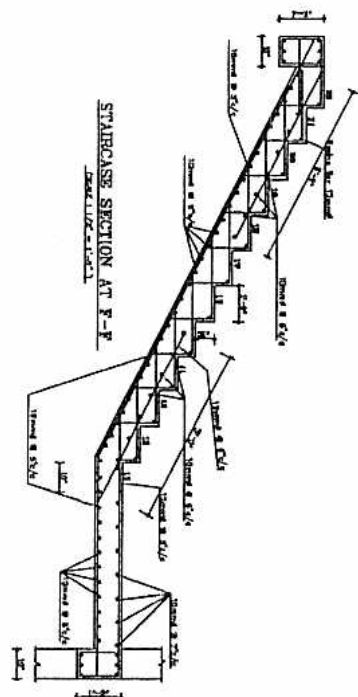
### MOUNTING HEIGHTS.

1. CONTROL SWITCHES 1.25 M. FROM FINISH FLOOR LEVEL
2. POWER SOCKET / TELE SOCKET 0.25 M FROM FINISH FLOOR LEVEL
3. POWER SOCKET AT KITCHEN 0.20M FROM KITCHEN SLAB
4. WALL LIGHTY 0.85 M FROM CEILING SLAB.

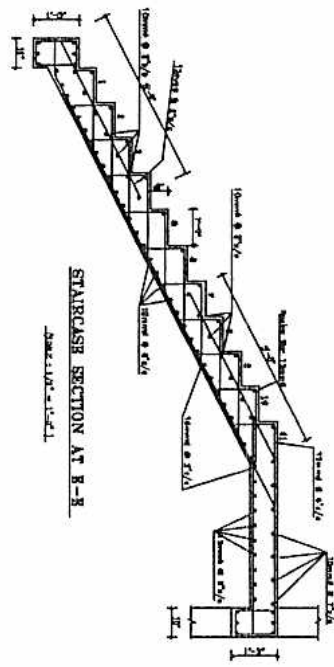




STAIRCASE PLAN  
SCALE: 1/16" = 1'-0"

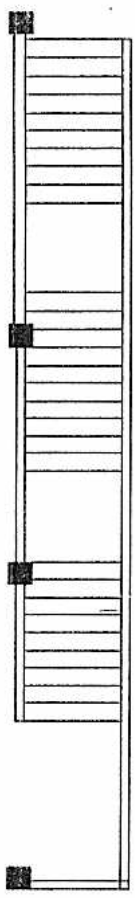


STAIRCASE SECTION AT F-F  
SCALE: 1/16" = 1'-0"

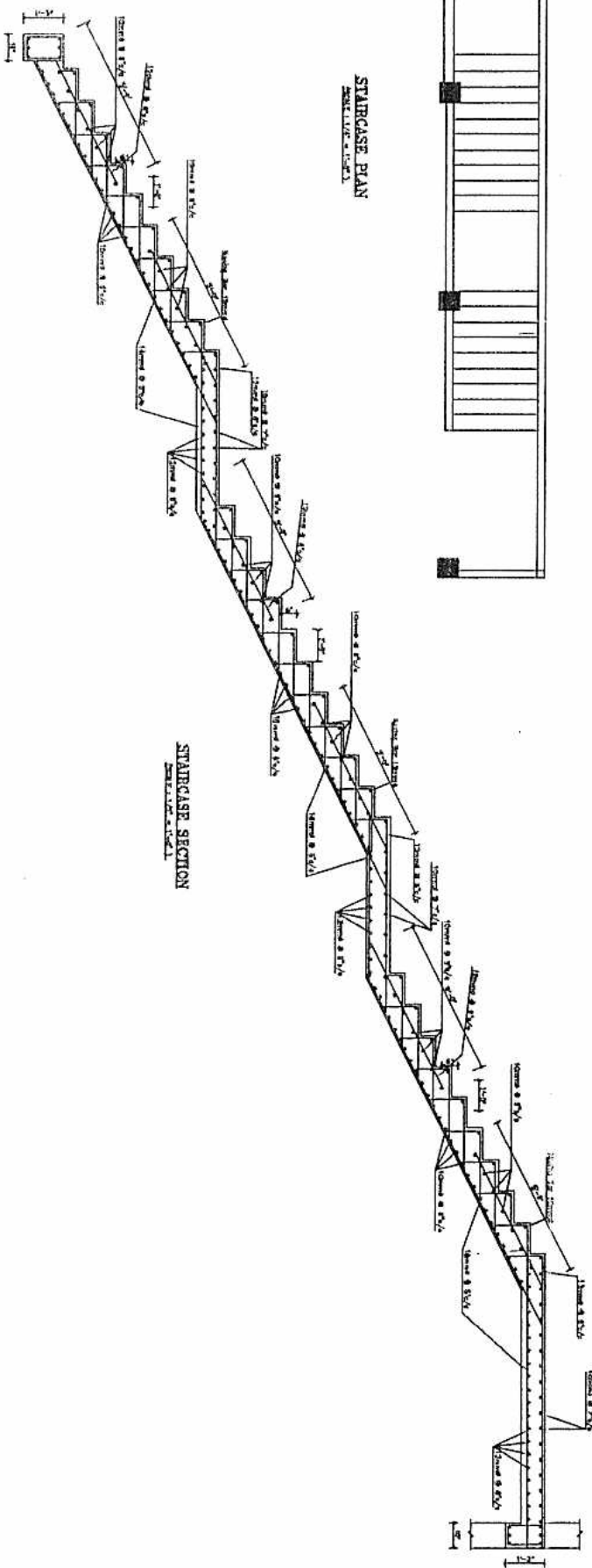


STAIRCASE SECTION AT B-B  
SCALE: 1/16" = 1'-0"

REIN. SHALL BE AS SHOWN IN THE REIN. DET. FOR REINFORCING OF CONCRETE AT



STAIRCASE PLAN  
SCALE: 1/16" = 1'-0"



STAIRCASE SECTION  
SCALE: 1/16" = 1'-0"

