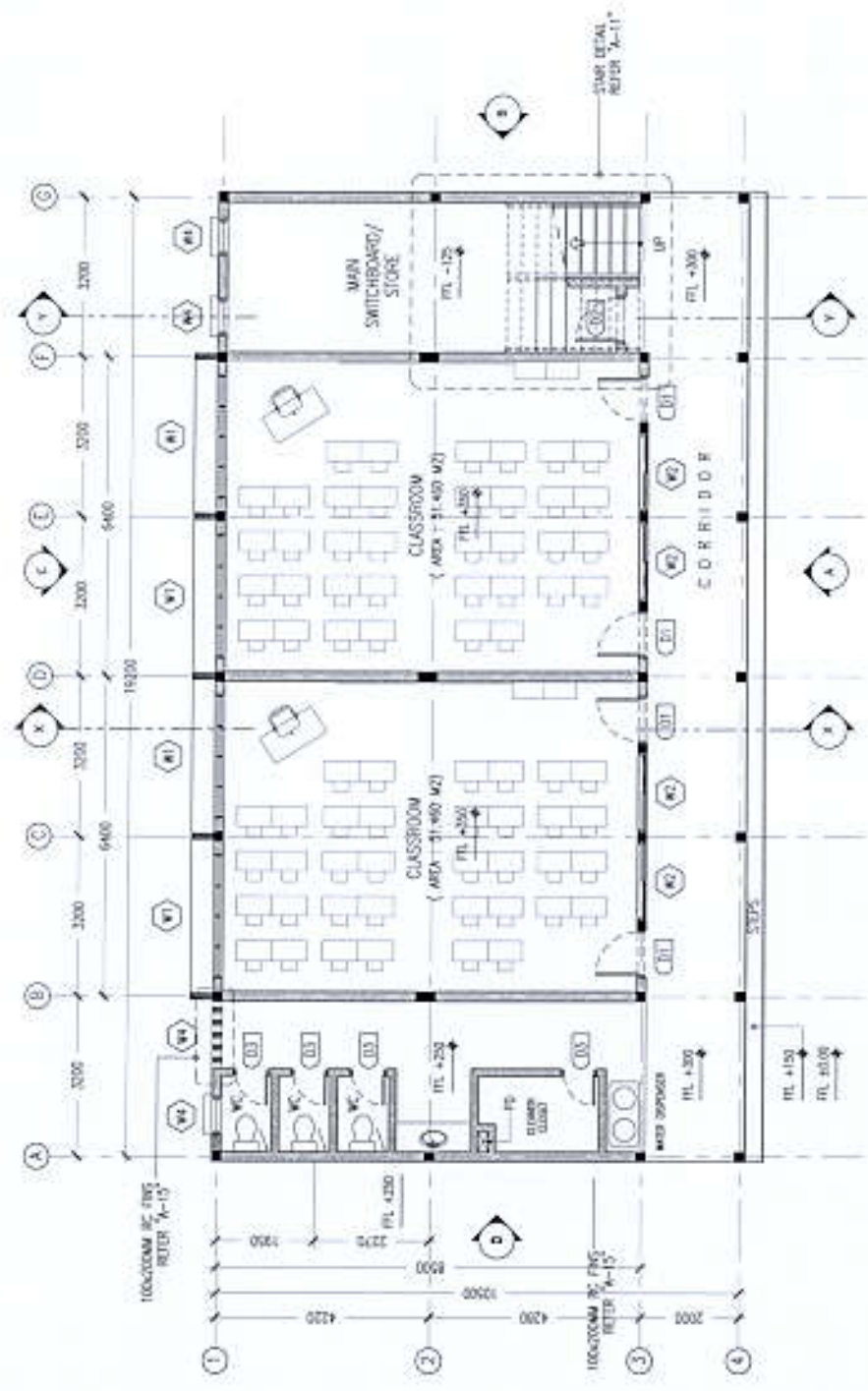


**PROPOSED 4 CLASS ROOM BLOCK AT  
GHA AZEE BANDAARAIN SCHOOL / HA. UTHEEM**

( 2 STOREY )

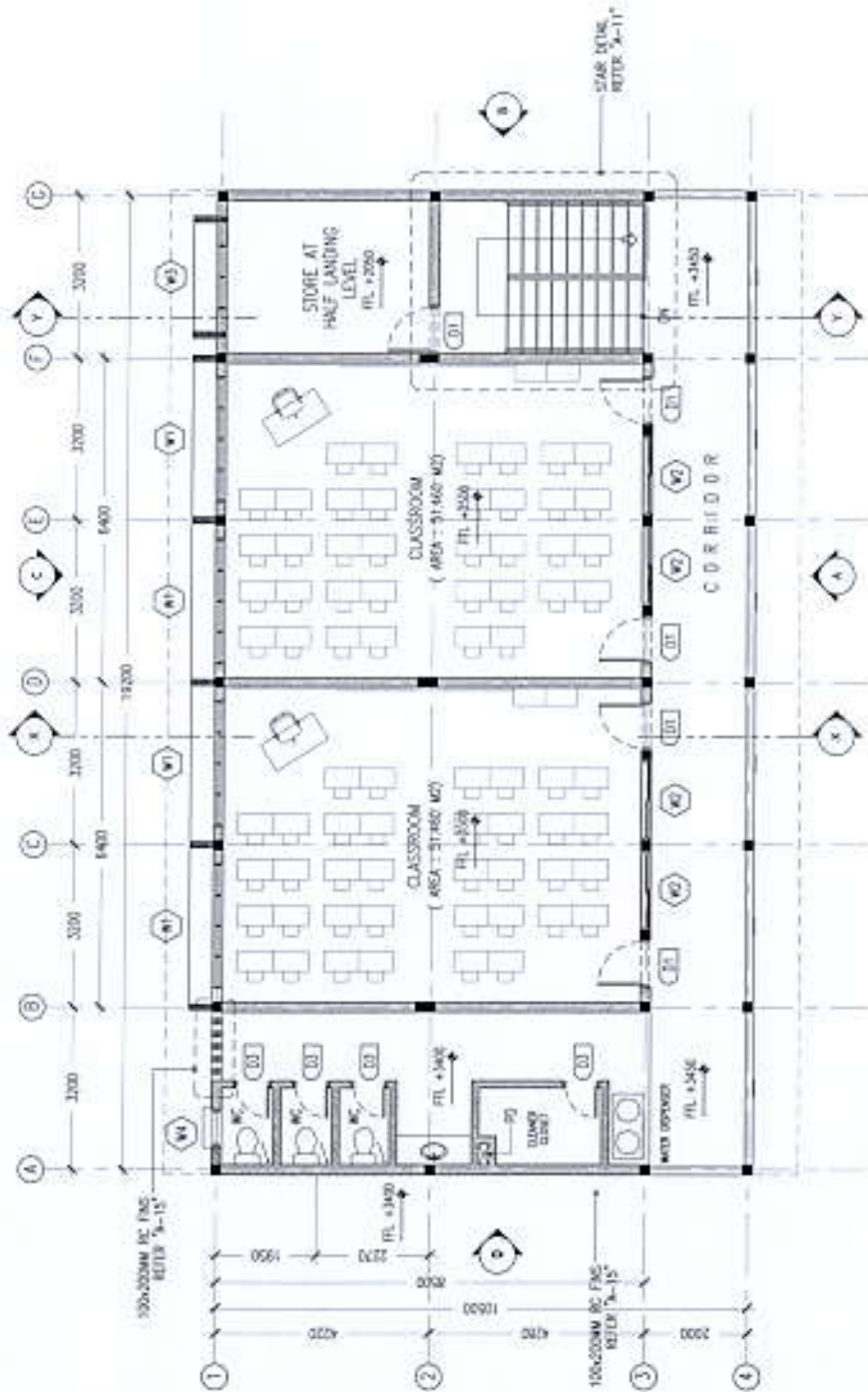
ARCHITECTURAL & STRUCTURAL DRAWINGS



KEY / UZINDI NOTES

	BLOCK MASONRY WALL
	150MM THK RC WALL 850MM HIGH

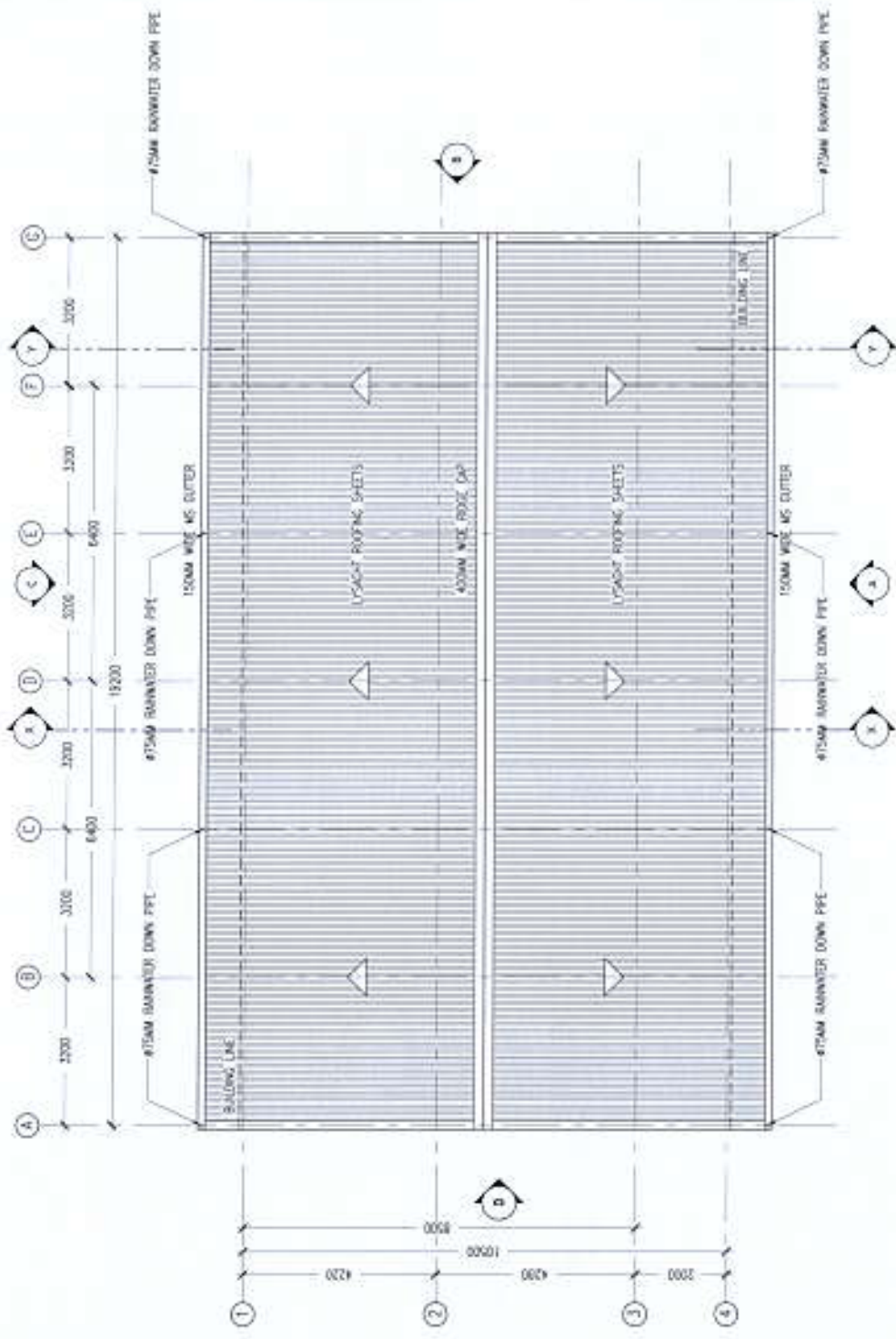
**GROUND FLOOR LAYOUT PLAN**  
SCALE 1:100



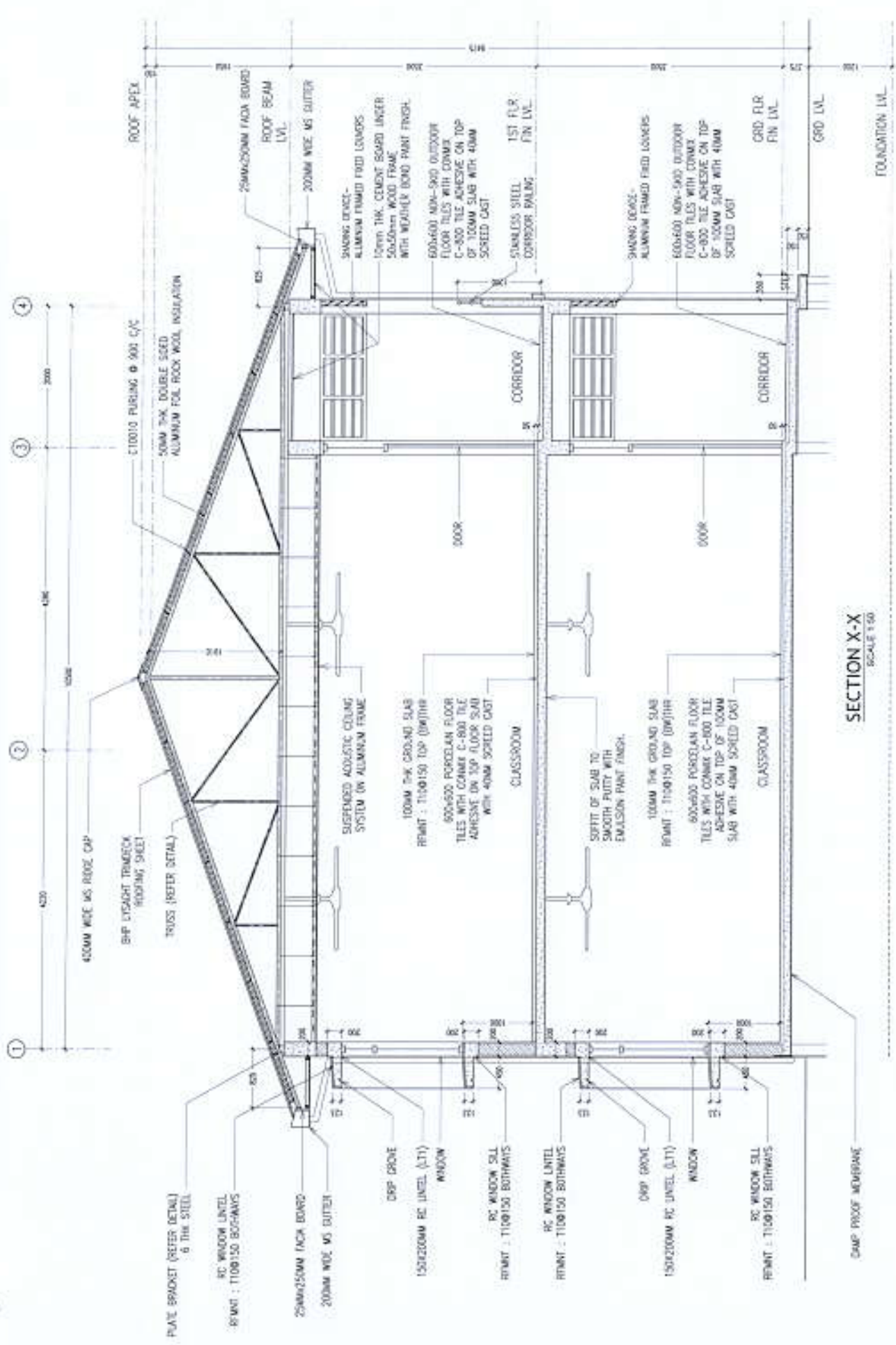
KEY / LEGEND NOTES

- █ BLOCK MASSIVE WALL
- █ 150MM THK RC WALL 850MM HIGH

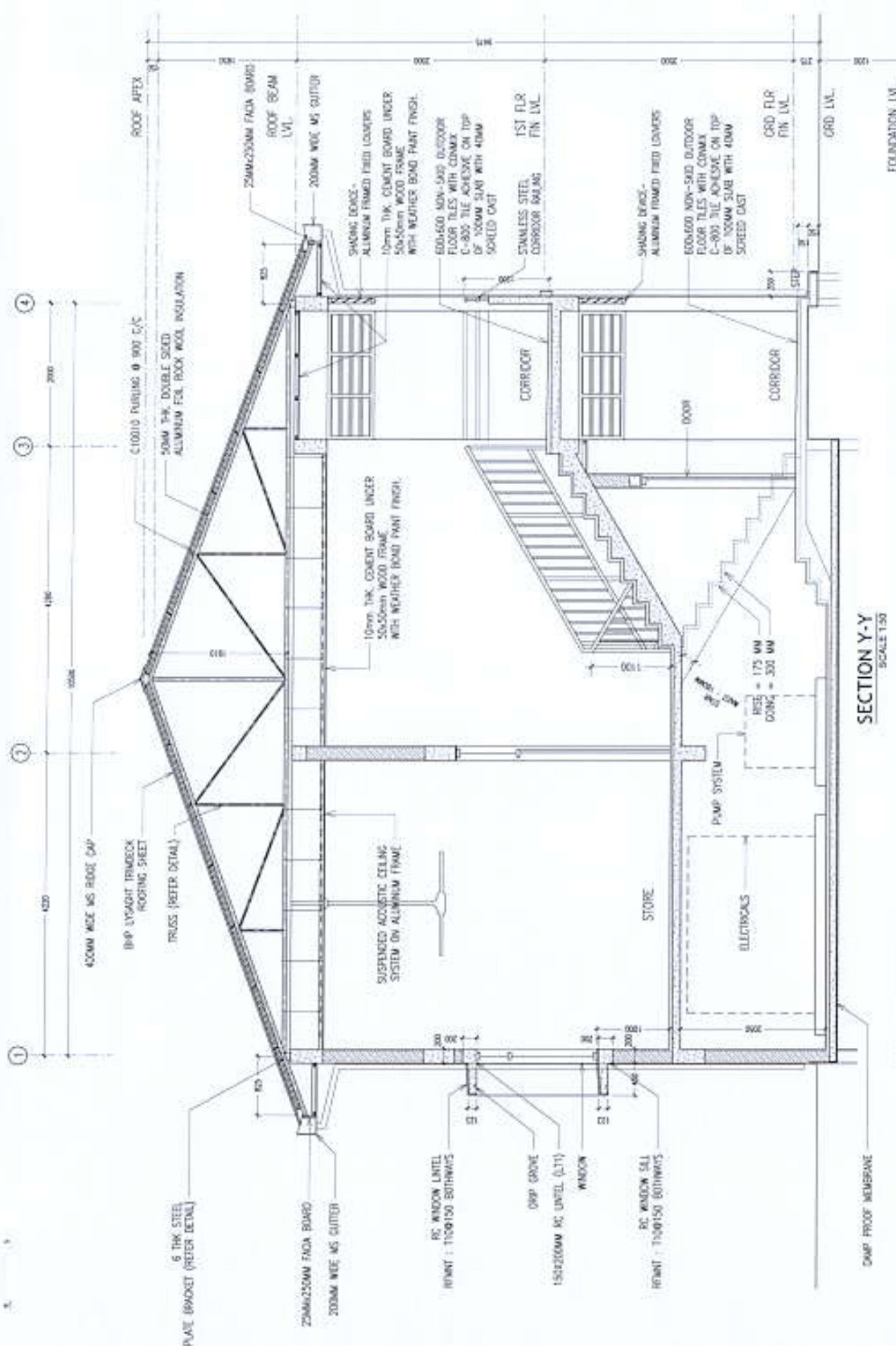
1ST FLOOR LAYOUT PLAN  
SCALE 1:100



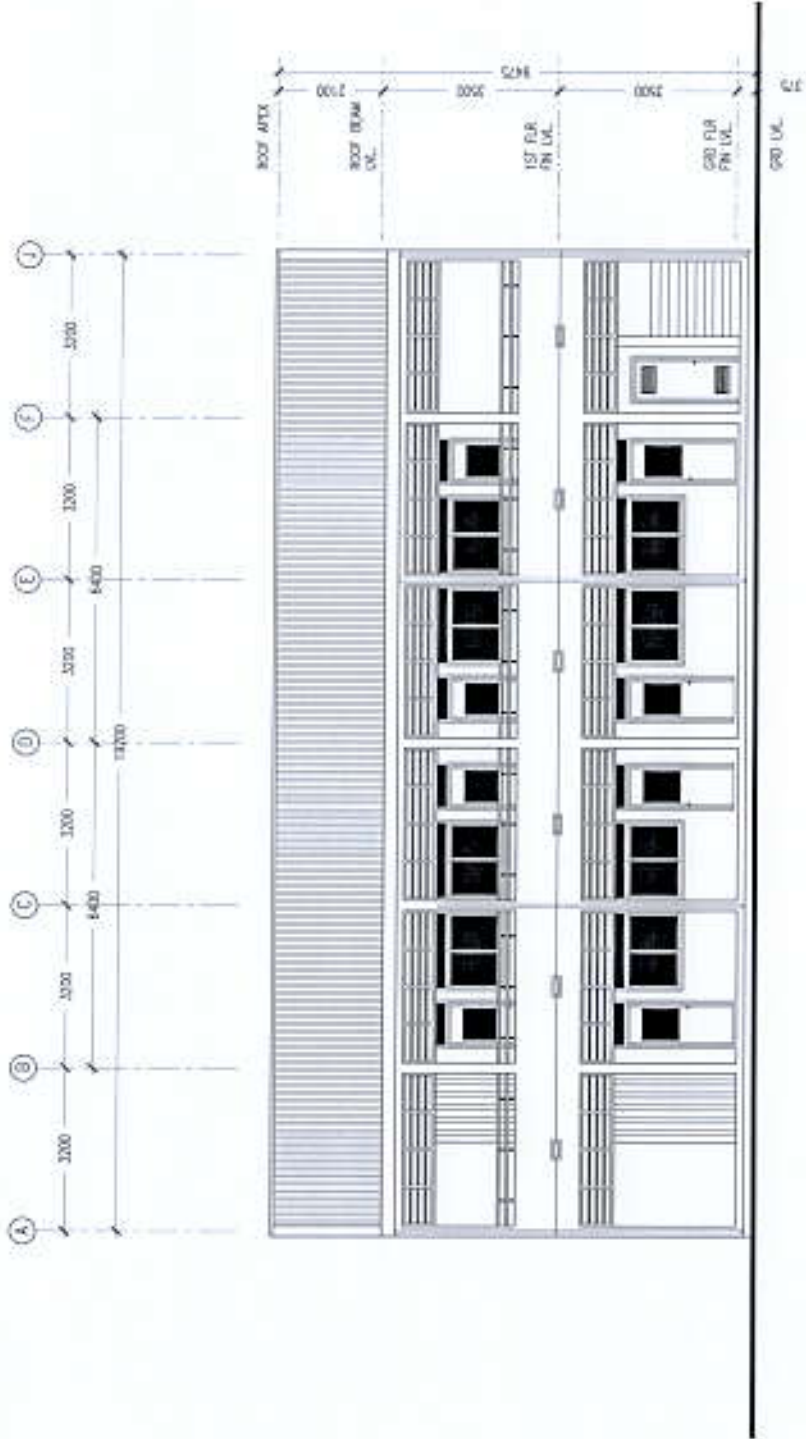
ROOF LAYOUT PLAN  
SCALE 1:100



**SECTION X-X**  
SCALE 1:50



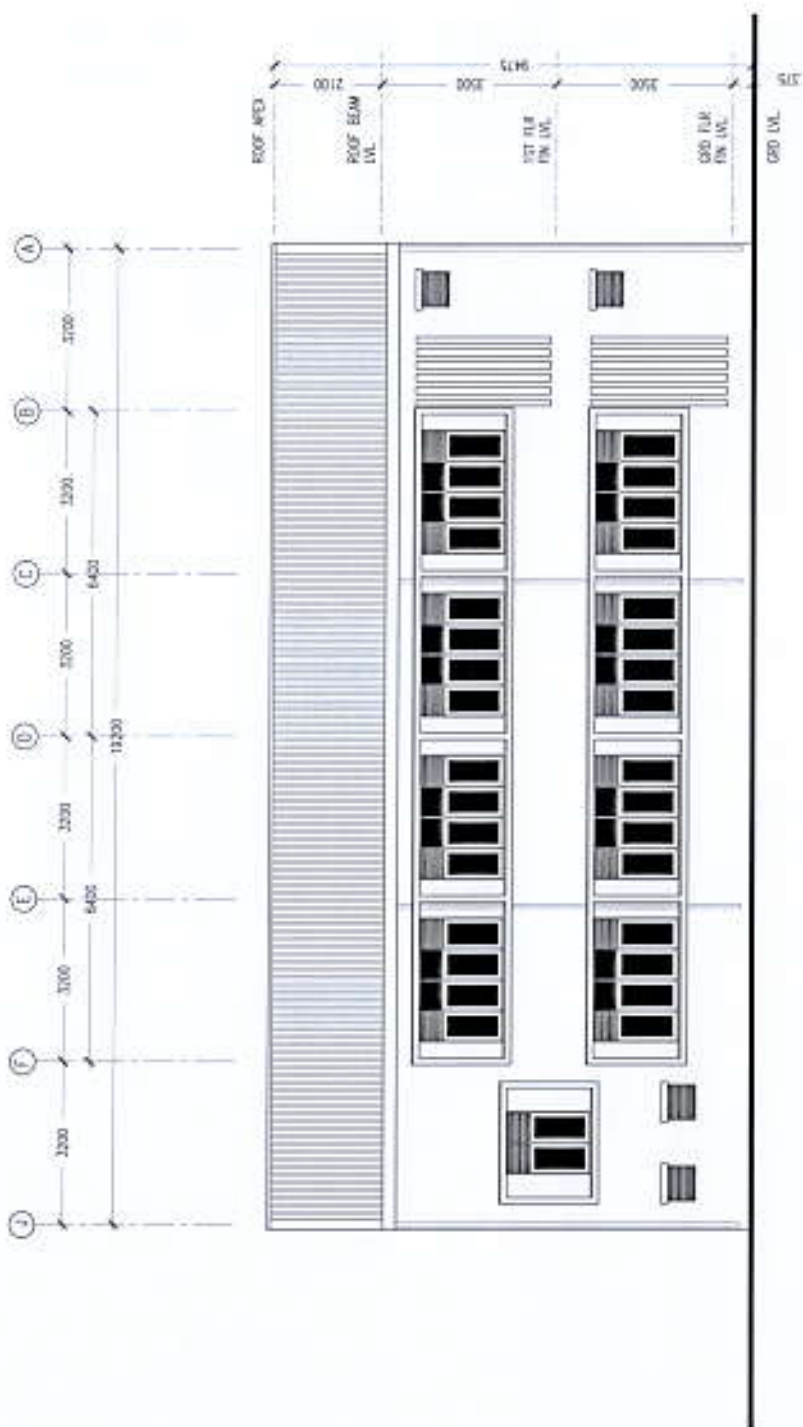
SECTION Y-Y  
SCALE 1:50



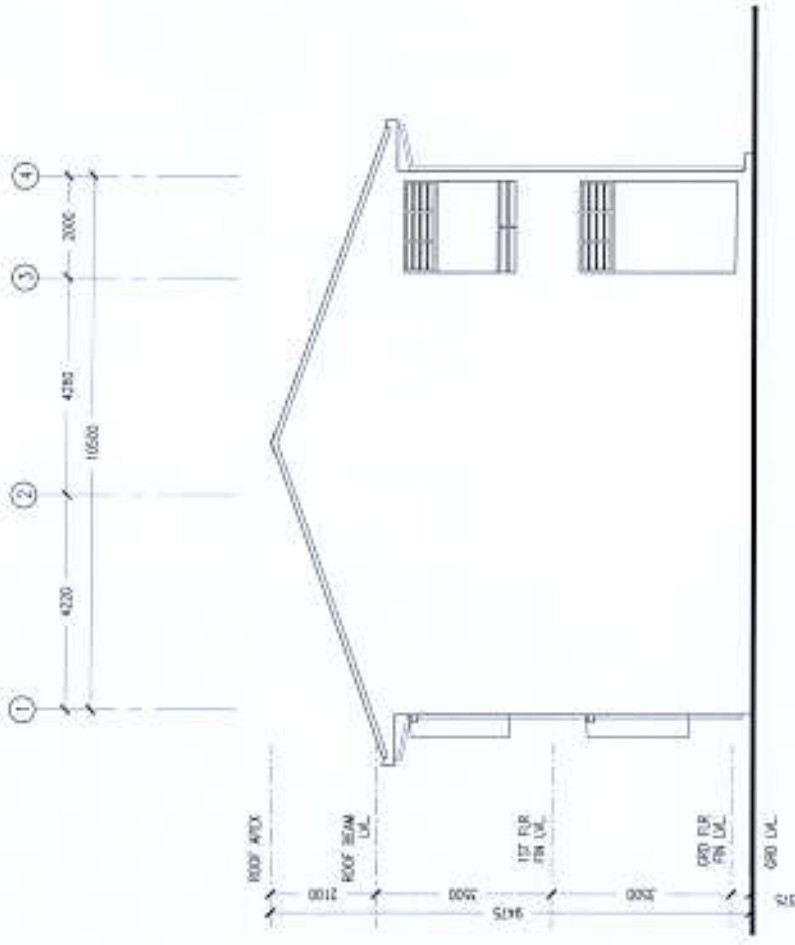
ELEVATION - A  
SCALE 1/100





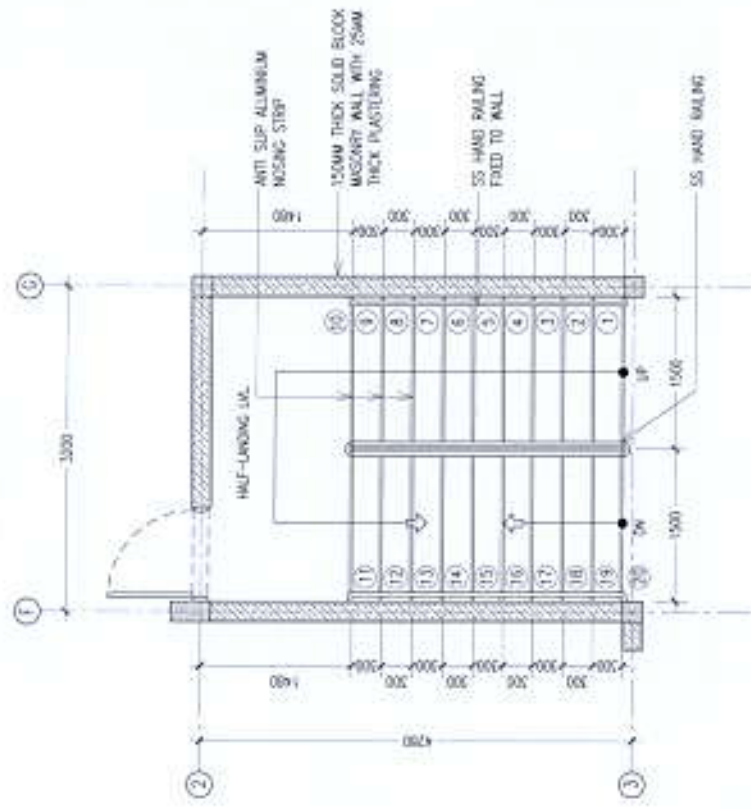


ELEVATION - C  
SCALE 1/100

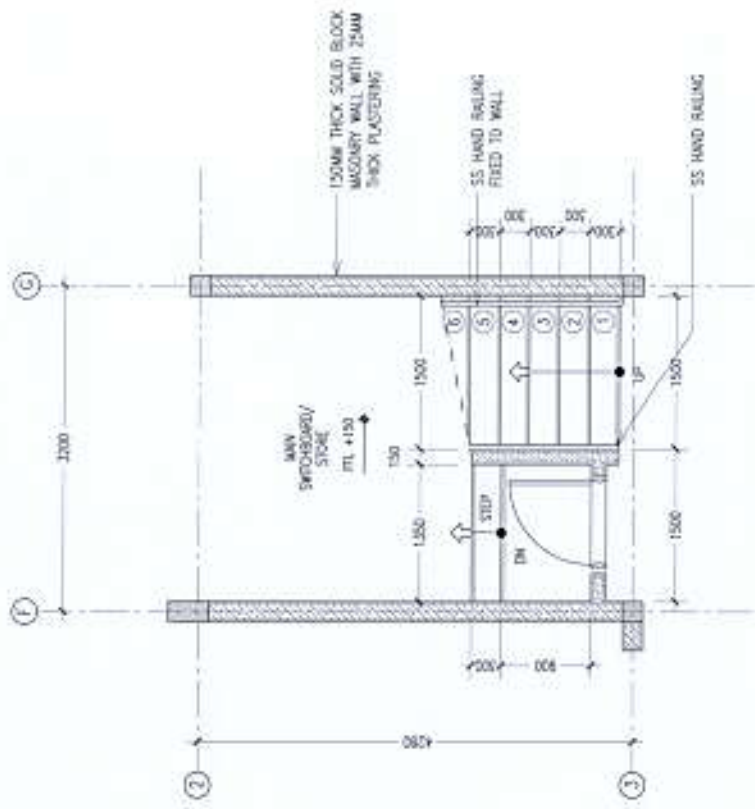


ELEVATION - B  
SCALE 1/8"



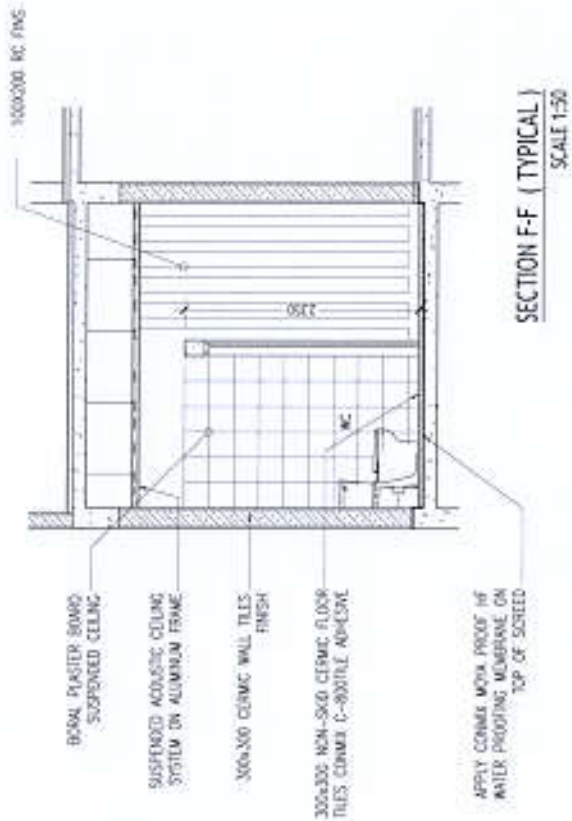
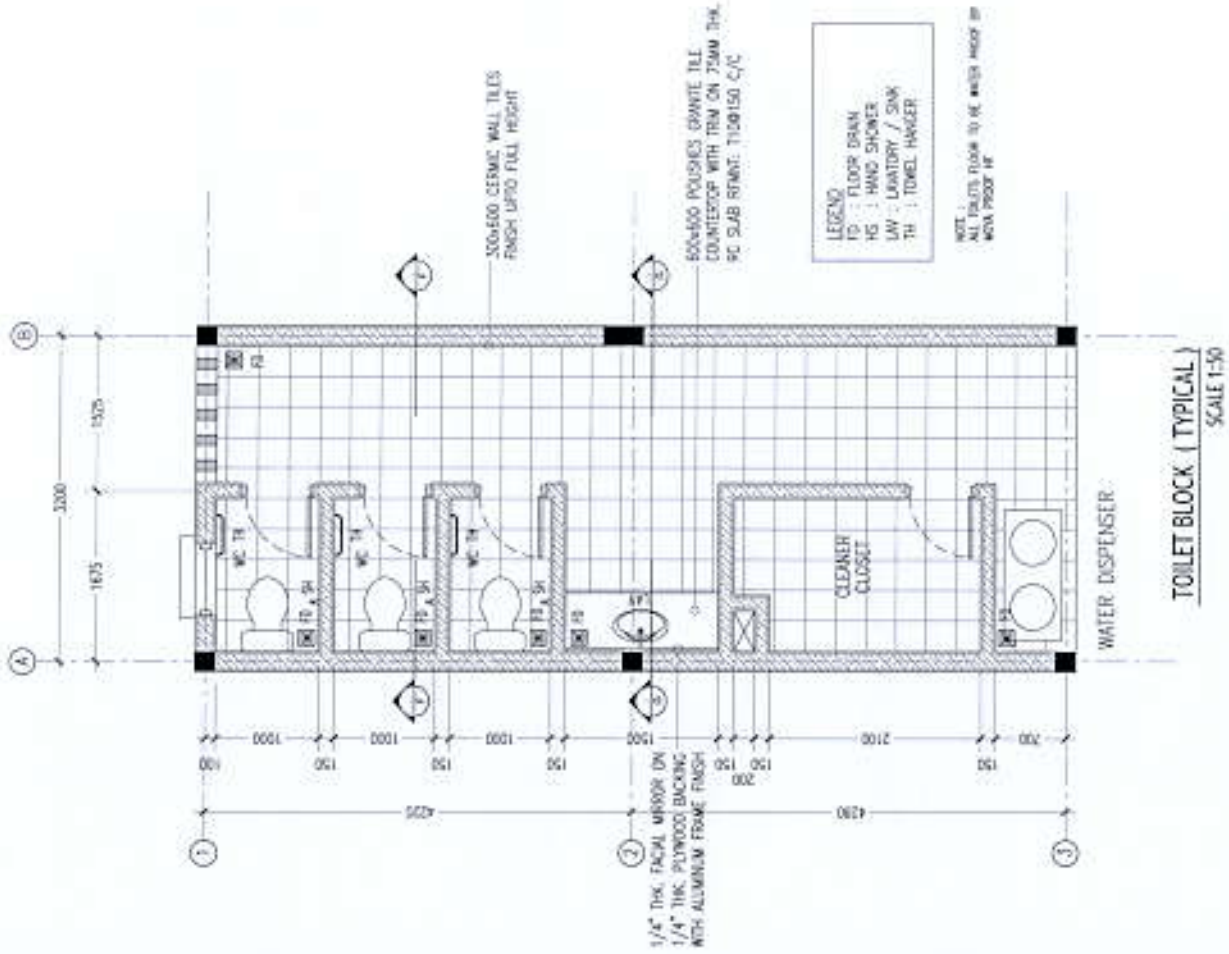


1ST-2ND FLOOR STAIR PLAN  
SCALE 1:50



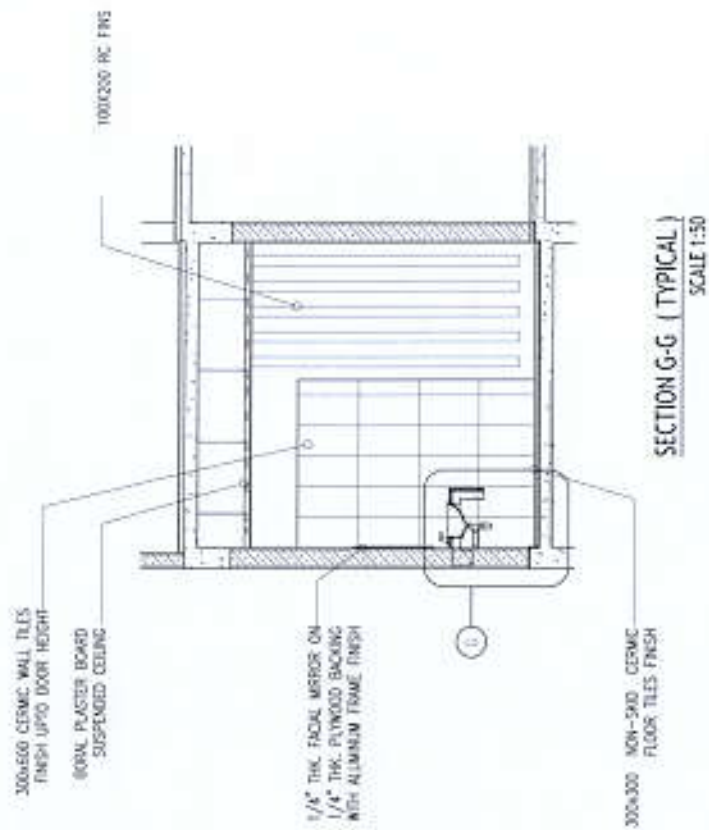
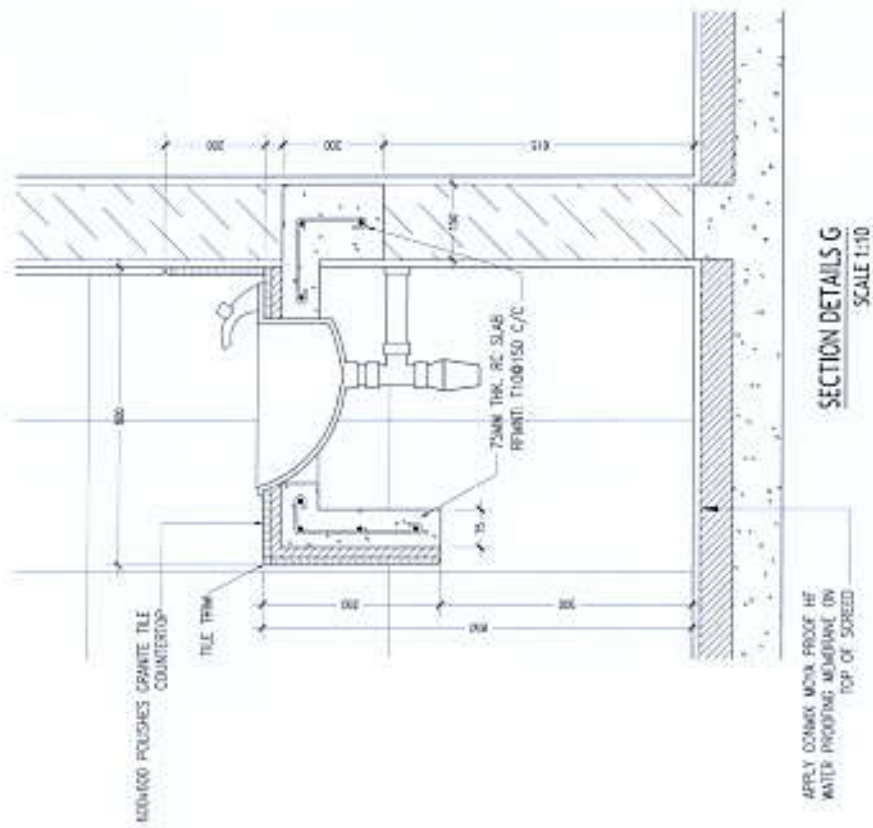
GROUND FLOOR STAIR PLAN  
SCALE 1:50

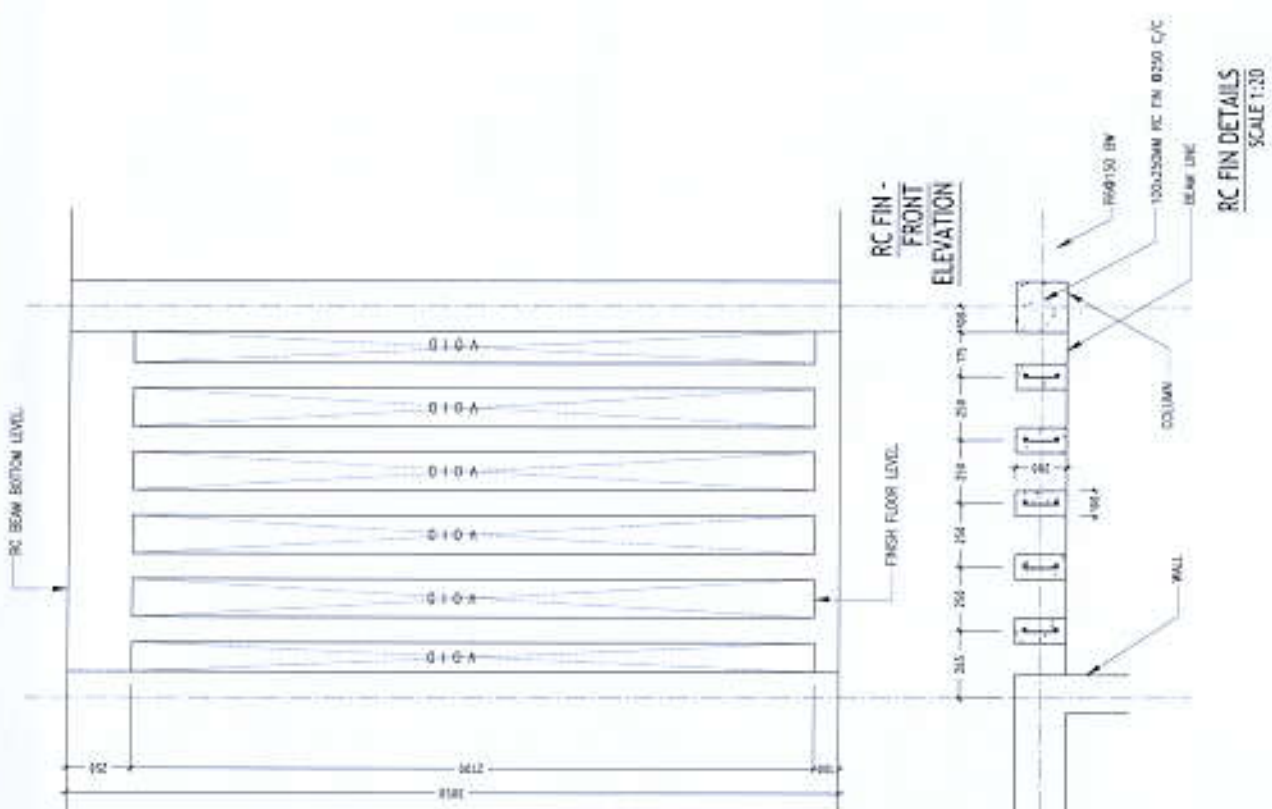




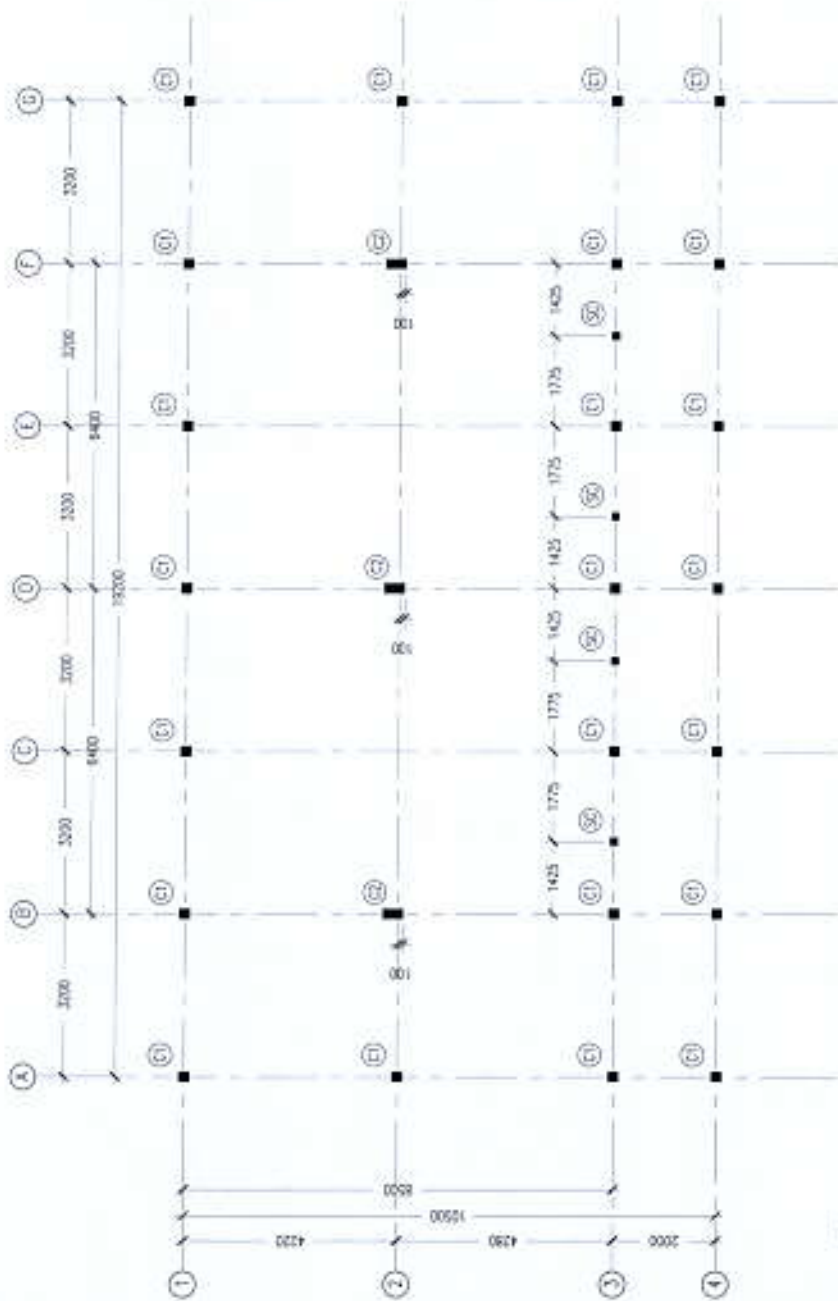
SECTION F-F ( TYPICAL )  
SCALE 1:50

TOILET BLOCK ( TYPICAL )  
SCALE 1:50





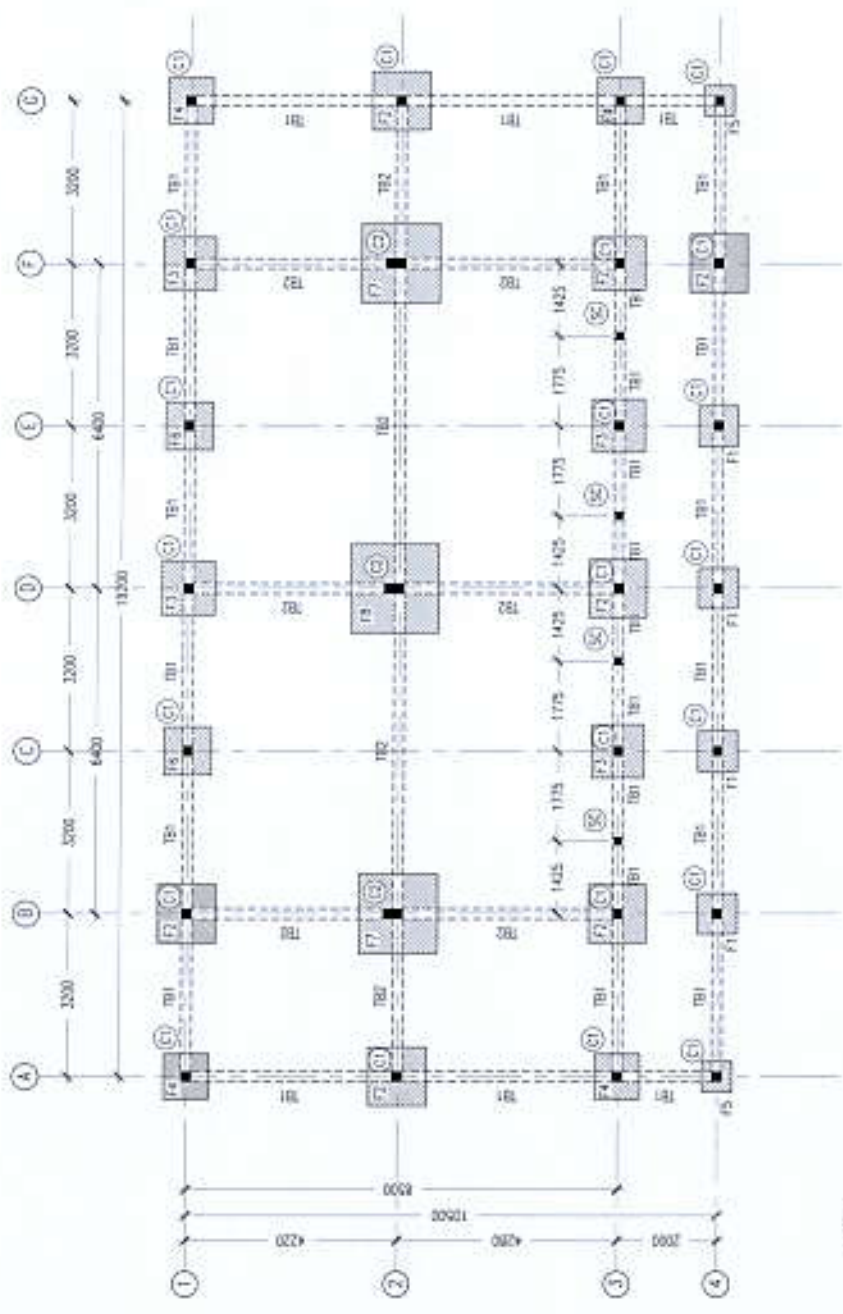




**NOTES :**

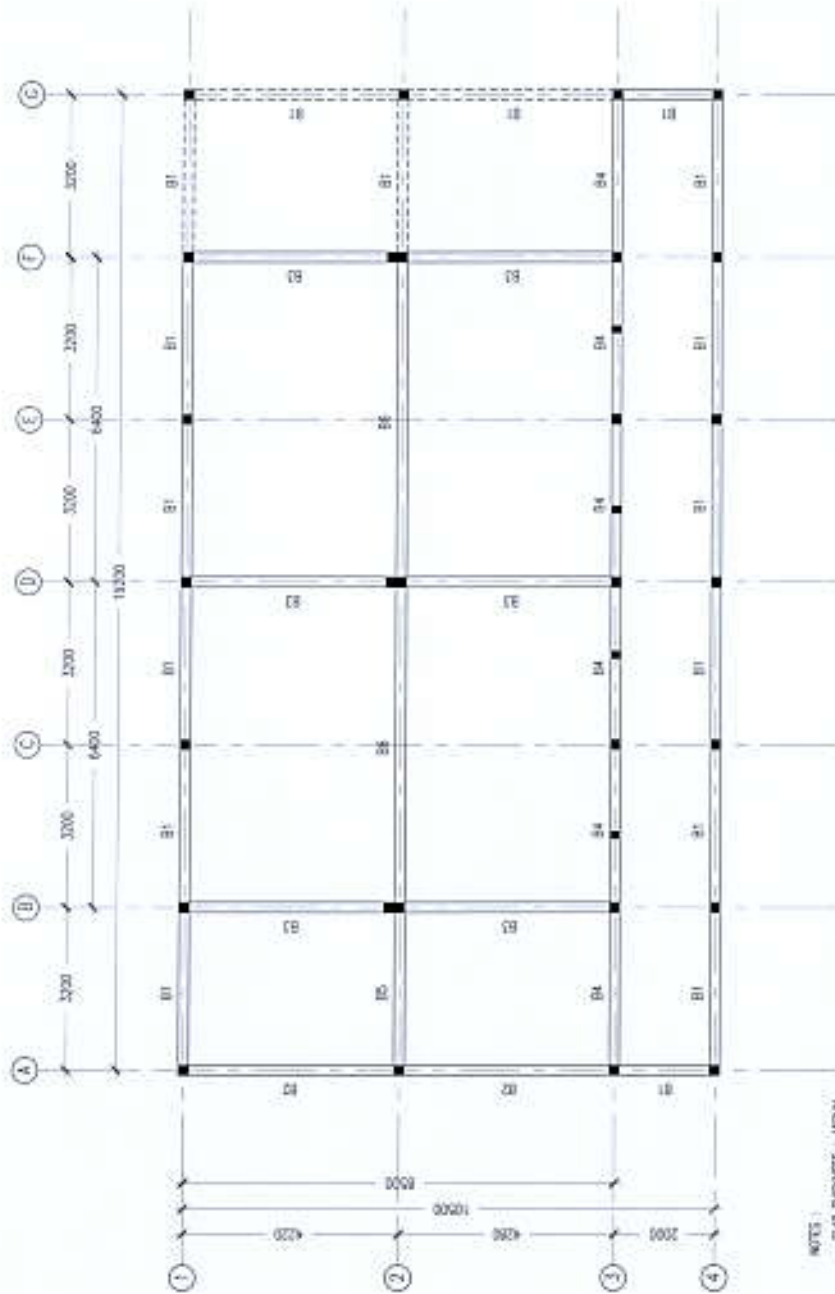
- COVER TO FOUNDATION : 50MM
- COVER TO BEAMS : 50MM
- COVER TO COLUMNS : 40MM
- CONCRETE MIX : 1:2:3 UNLESS STATED
- SEE COMEX MESA PLAN P TO ALL SUPER STRUCTURE CONCRETE.
- SEE COMEX MESA AND M3 TO ALL SUBSTRUCTURE CONCRETE.
- APPLY 2 COATS OF COMEX MESH 9400.006 TO ALL STRUCTURE CONCRETE BELOW GROUND LEVEL.

**COLUMN SETTING LAYOUT PLAN**  
SCALE 1:100



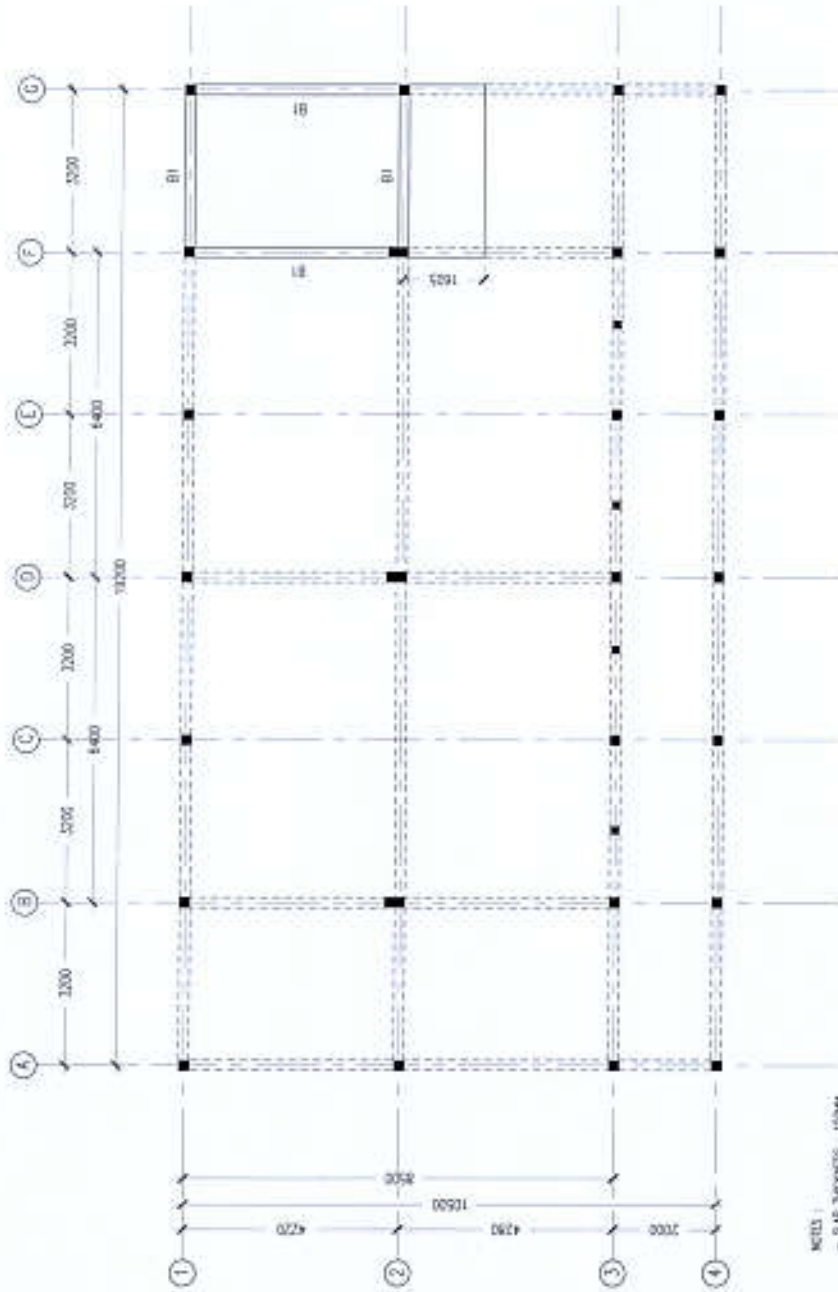
- NOTES :
- CONCR TO FOUNDATION: 50MM
  - CONCR TO BEAMS : 50MM
  - CONCR TO COLUMN : 50MM
  - CONCRETE MK : 12.5 UNLESS SAID
  - ADD CHAIR WEA T/W P TO ALL SUPER STRUCTURE CONCRTE.
  - ADD CHAIR WEA ADD W/J TO ALL SUBSTRUCTURE CONCRTE.
  - APPLY 2 COATS OF CHAIR WEA SHELD W/E TO ALL STRUCTURE CONCRTE BELOW GROUND LEVEL.

**FOUNDATION LAYOUT PLAN**  
SCALE 1:100



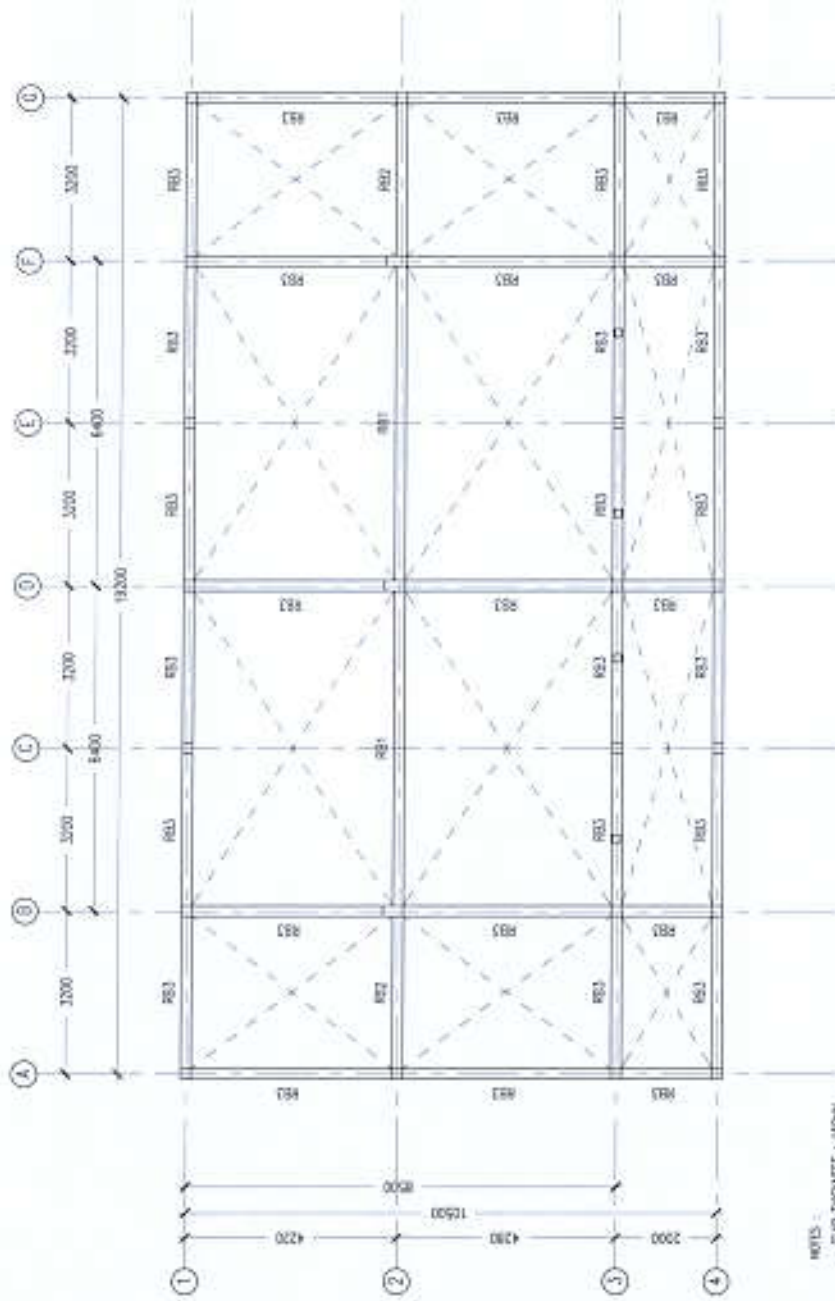
- NOTES:
- SLAB THICKNESS : 150MM
  - ACCEPT W/RE STRIPS
  - SLAB BOTTOM COVER : 30MM
  - SLAB TOP COVER : 25MM
  - COVER TO BEAMS : 25MM
  - COVER TO COLUMNS : 40MM
  - CONCRETE MIX : 1:2:3
  - UNLESS STATED
  - ADD CONCR. ALLOW UP TO ALL EXTERNAL WALLS & FOR RET AREA RAISER
  - ADD CONCR. W/RE FLOW # TO ALL SUPER STRUCTURE CONCRETE.

**1ST FLOOR SLAB BEAM LAYOUT PLAN**  
SCALE 1:50



- NOTES :
- SLAB THICKNESS : 150MM
  - ACCEPT WHERE STATED
  - SLAB BOTTOM COVER : 20MM
  - SLAB TOP COVER : 20MM
  - COVER TO BEAMS : 20MM
  - COVER TO COLUMNS : 40MM
  - CONCRETE WT. : 25
  - UNLESS STATED
  - ADD CONCRETE WEIGHT MP TO ALL EXTERNAL FLIGHTS A
  - FOR NET AREA FLOOR
  - ADD CONCRETE FLOOR P TO ALL SUPER STRUCTURE CONCRETE.

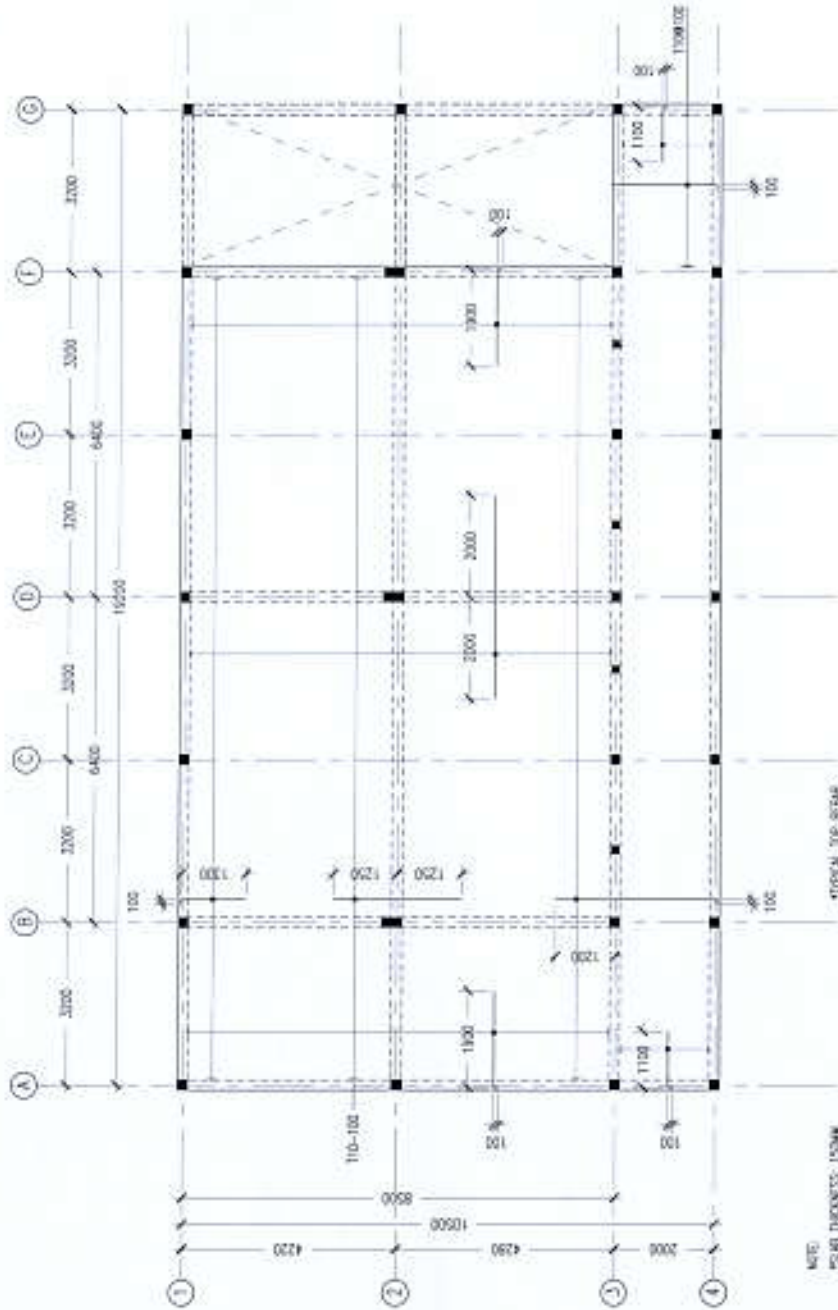
SLAB BEAM AT HALF-LANDING LAYOUT PLAN  
SCALE 1/100



NOTES :

- SLAB THICKNESS : 150MM
- ACOT WEDGE SAVED
- SLAB BOTTOM COVER: 30MM
- SLAB TOP COVER: 20MM
- COVER TO BEAMS : 30MM
- COVER TO COLUMNS : 40MM
- CONCRETE M30 : 1:2:4
- UNLESS STATED
- ADD CORNER MORTAR NP TO ALL EXTERNAL PLASTER & FOR INT AREA PLASTER
- ADD CORNER MCA FLWP P 10 ALL SUPER STRUCTURE CONCRETE.

ROOF BEAM LAYOUT PLAN  
SCALE 1/100

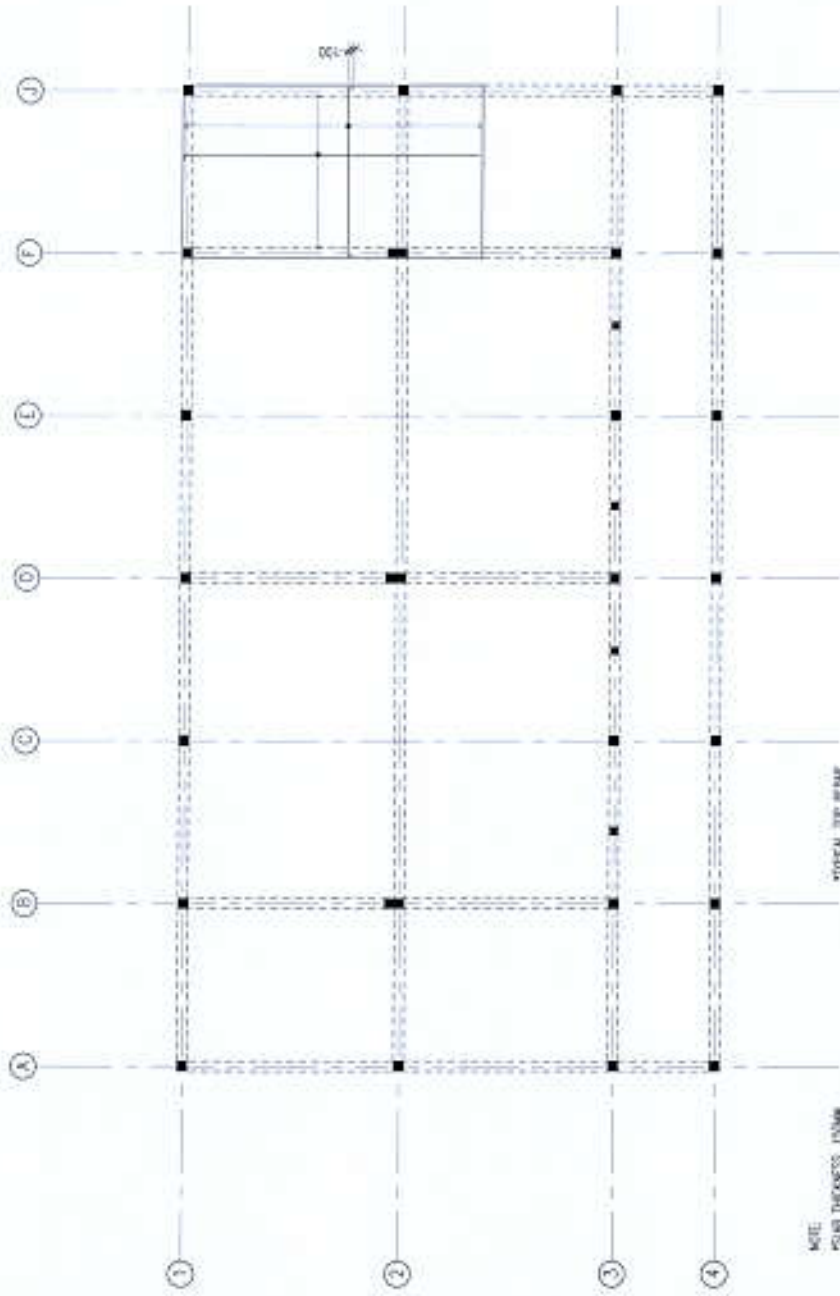


NOTE:  
 \*SLAB THICKNESS: 150MM  
 \*ACCEPT WHERE SHOWN  
 \*SLAB BOTTOM COVER: 25MM  
 \*SLAB TOP COVER: 25MM  
 \*SLAB TOP MAIN REINFORCEMENT: 110-150MM C/C  
 \*AS SHOWN (UNLESS STATED OTHERWISE)  
 \*SLAB BOTTOM REINFORCEMENT: 110-150MM BW C/C  
 (THROUGHOUT) NOT SHOWN  
 \*CANTILEVER BEAMS OVER OPENINGS  
 \*PROVIDE EXTRA ADDITIONAL REINFORCEMENT  
 AS SPECIFIED  
 \*TOP DISTRIBUTION REINFORCEMENT: 110x200 BW C/C

TYPICAL TOP REBAR  
 \*PROPOSED LENGTH  
 110  
 120  
 120  
 120

\*100-250/100  
 \*NO CONCRETE MINIMUM P TO ALL SUPPORT  
 STRUCTURE CONCRETE

1ST FLOOR SLAB RFMINT LAYOUT PLAN  
 SCALE 1:100



NOTE:

- \*SLAB THICKNESS : 150MM
- \*COVER WHERE STATED
- \*SLAB BOTTOM COVER : 25MM
- \*SLAB TOP COVER : 25MM
- \*SLAB TOP MAIN REINFORCEMENT : 110-150MM C/C
- \*AS SHOWN (UNLESS STATED OTHERWISE)
- \*SLAB BOTTOM REINFORCEMENT : 110-150MM BW C/C (THROUGHOUT) NOT SHOWN
- \*VERTICAL REBARS OVER OPENINGS
- \*PROVIDE EXTRA ADDITIONAL REINFORCEMENT AS SPECIFIED
- \*TOP DISTRIBUTION REINFORCEMENT : 110/150 BW C/C

TYPICAL TOP REBAR

SPECIFIED LENGTH

B

B (S)

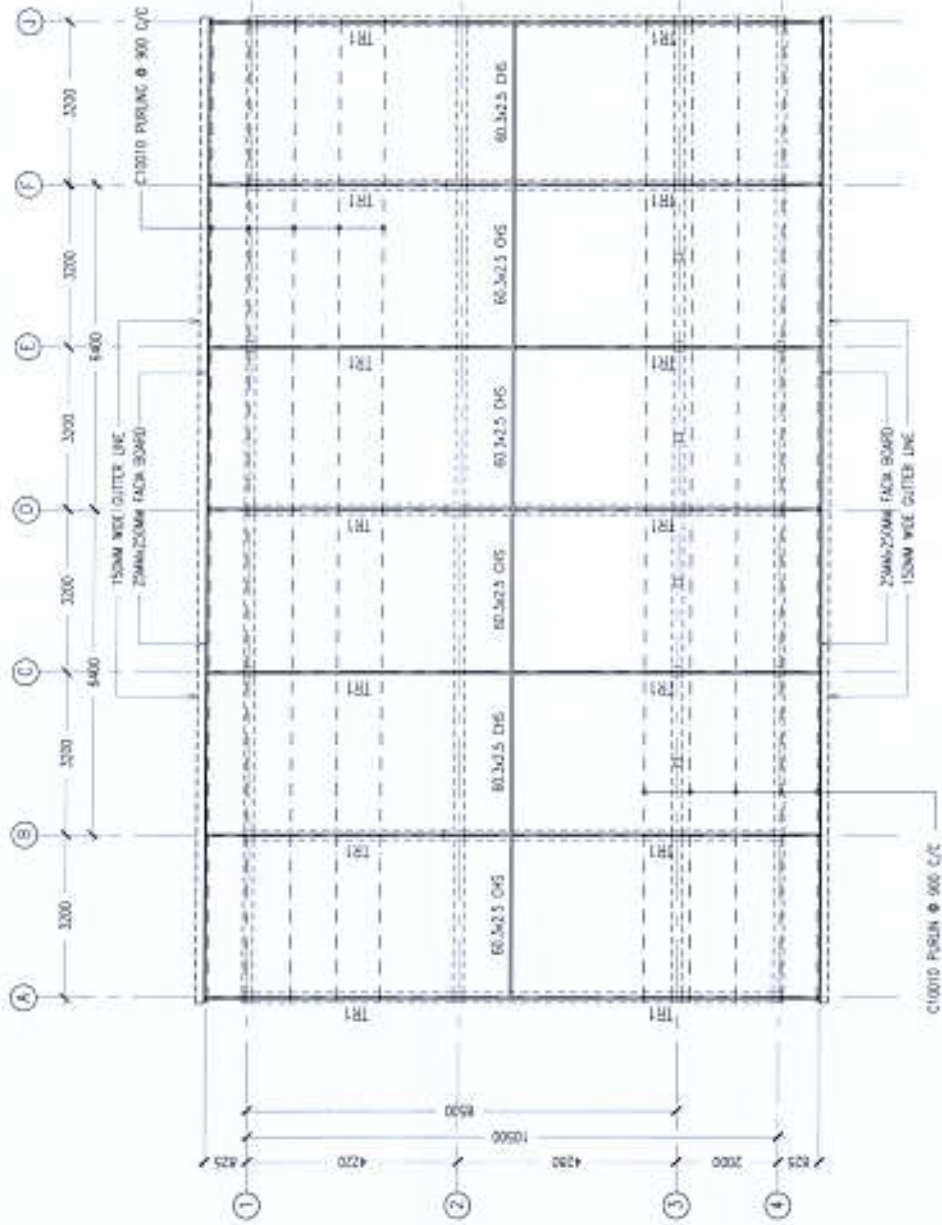
B (C)

\*SLAB=250/100MM

\*NO. COVER  $\frac{1}{2}$  P TO ALL SURF

STRUCTURE CONCRETE

**SLAB REINMT AT HALF-LANDING LAYOUT PLAN**  
SCALE 1:100



ROOF STRUCTURE LAYOUT PLAN  
SCALE 1:100

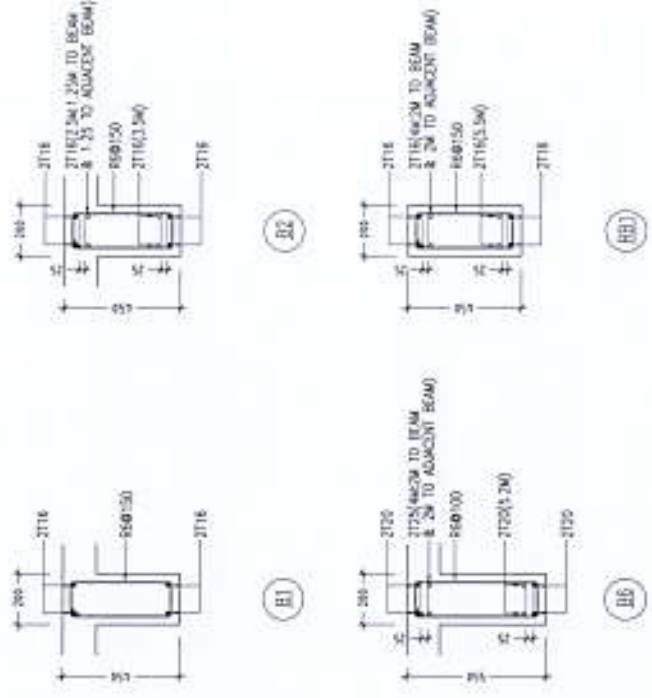
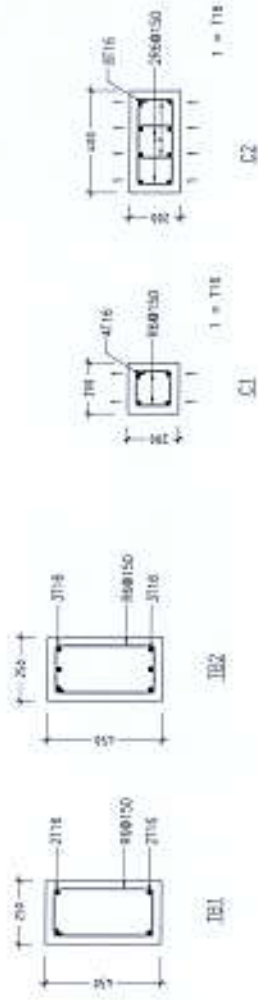


FOOTING	LENGTH/mm	WIDTH/mm	DEPTH/mm	REINFORCEMENT
F1	800	800	300	T12@150-mm C/C BW BOTTOM
F2	1150	1150	300	T12@150-mm C/C BW BOTTOM
F3	1050	1050	300	T12@150-mm C/C BW BOTTOM
F4	900	900	300	T12@150-mm C/C BW BOTTOM
F5	600	600	300	T12@150-mm C/C BW BOTTOM
F6	950	950	300	T12@150-mm C/C BW BOTTOM
F7	1650	1650	300	T12@125-mm C/C BW BOTTOM
F8	1750	1750	500	T12@100-mm C/C BW BOTTOM

### FOOTING DETAILS

### FOUNDATION BEAM DETAILS

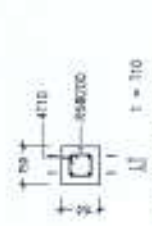
### COLUMN DETAILS



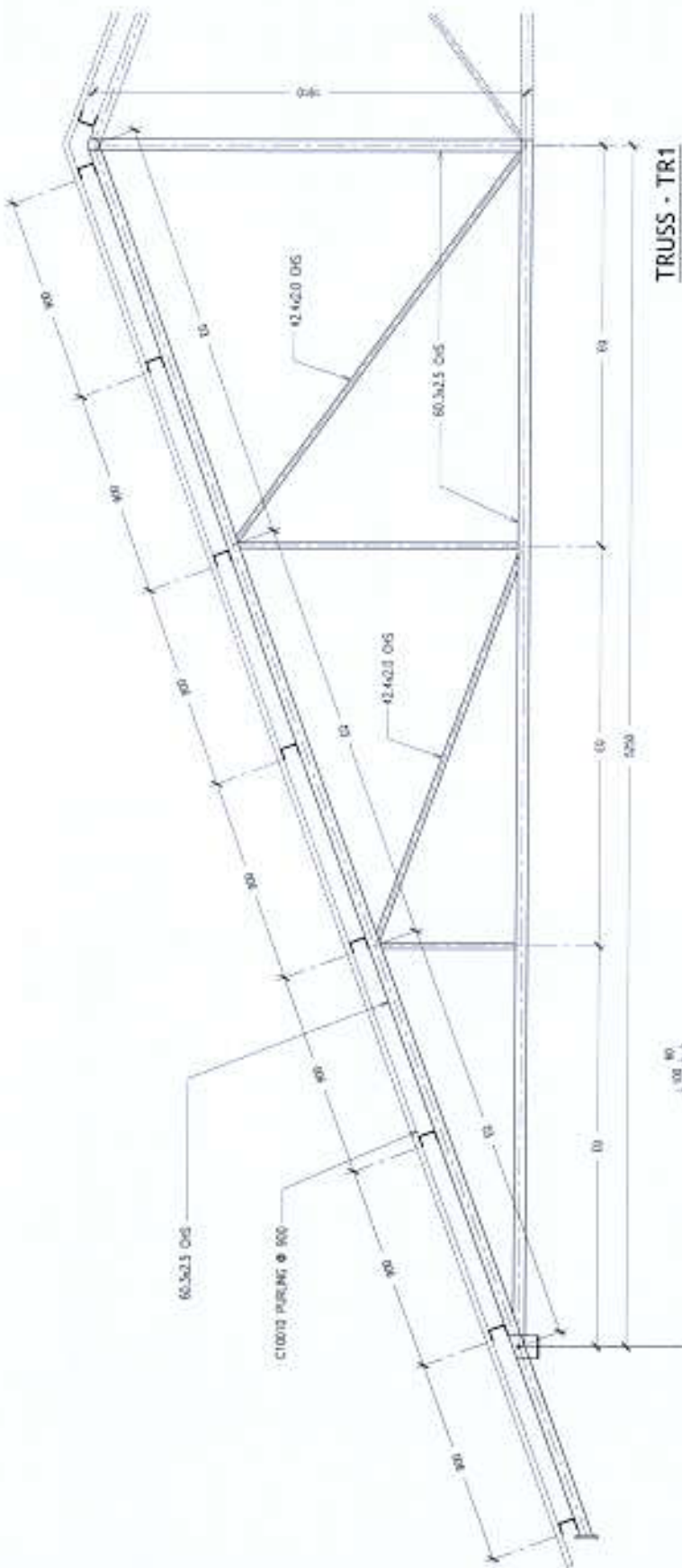
- MTE :
- COVER TO REBAR : 25MM
  - COVER TO COLUMN : 40MM
  - CONCRETE MIX : 1:2:3
  - UNLESS STATED
  - ALL CORNER REIN. FOLLOW TO NL. SUPER STRUCTURE CONCRETE

### RC BEAM DETAILS

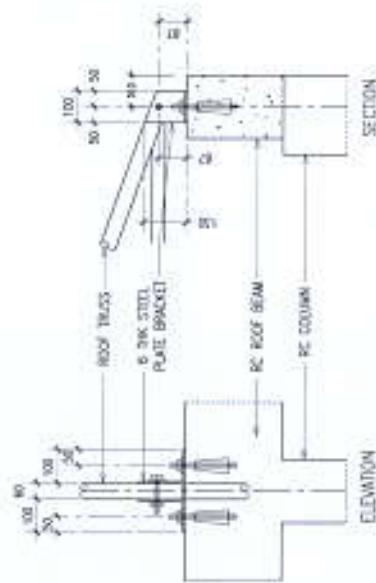
### LINTEL/SILL BEAM DETAILS



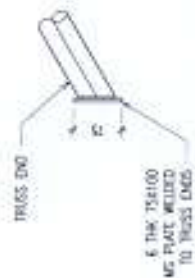
LINTELS OVER ALL DOORS, WINDOWS,  
(THAT DO NOT RISE TO ROOF BEAM LEVEL)  
STRUCTURAL OPENINGS IN WALLS



TRUSS - TR1  
SCALE 1:20



TYPICAL TRUSS FIXING DETAILS  
SCALE: NTS

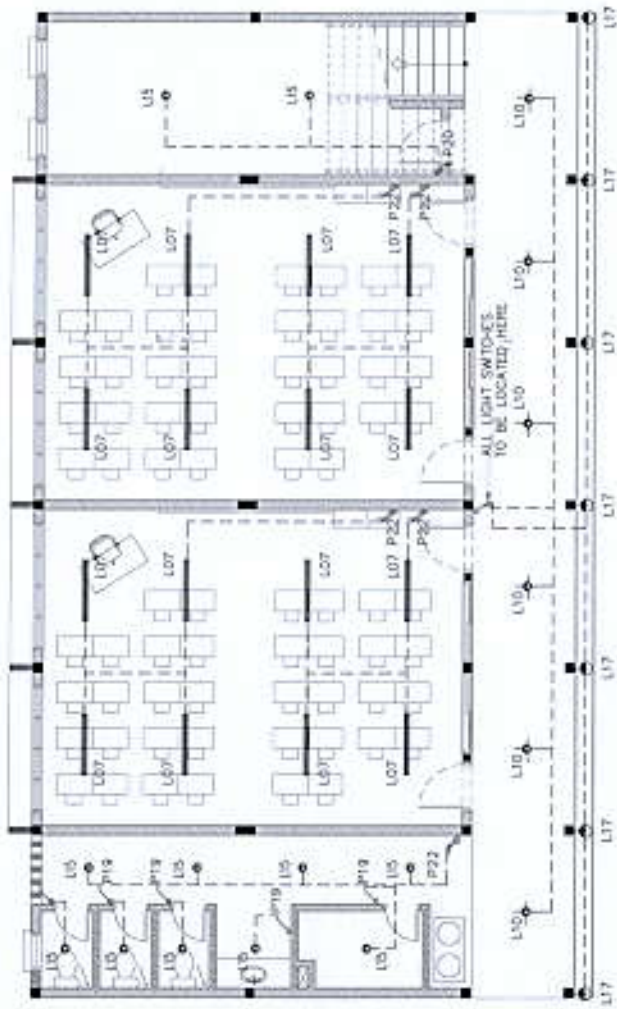


TYPICAL TRUSS END DETAILS  
SCALE: NTS

**PROPOSED 4 CLASS ROOM BLOCK AT  
GHAAZEE BANDAARAIN SCHOOL / HA. UTHEEM**

( 2 STOREY )

ELECTRICAL DRAWINGS

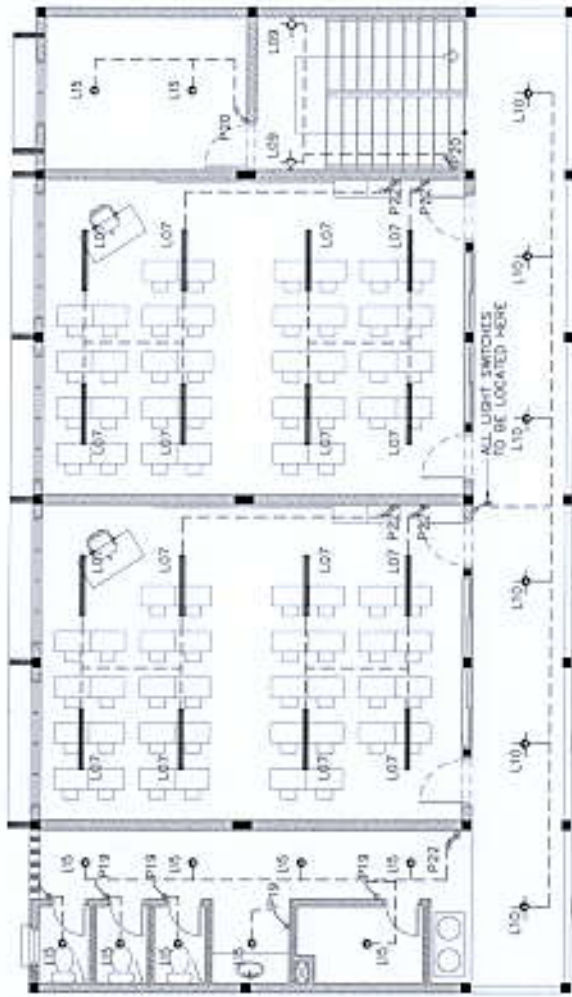


LEGEND

SYMBOL	CODE	DESCRIPTION
—	L07	2X36W FLUORESCENT LAMPS IN SURFACE MOUNT LUMINAIRE WITH DIFFUSER
⊕	L08	WALL MOUNT ENERGY SAVING LIGHT
⊕	L10	1X36W COMPACT FLUORESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE
•	L15	1X60W INCANDESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE
⊕	L17	3X60W INCANDESCENT LAMPS IN SURFACE MOUNT NEA-IP68 PROOF LUMINAIRE

⊕	P19	16AMP 1 WAY SWITCH
⊕	P20	20AMP 1 WAY SWITCH
⊕	P21	30AMP 1 WAY SWITCH
⊕	P22	40AMP 1 WAY SWITCH

GROUND FLOOR LIGHTING LAYOUT PLAN  
SCALE 1:300



LEGEND

SYMBOL	CODE	DESCRIPTION
—	L07	2x5W FLUORESCENT LAMPS IN SURFACE MOUNT LUMINAIRE WITH DTP/22M
⊕	L09	WALL MOUNT ENERGY SAVING LIGHT
⊕	L10	1x20W COMPACT FLUORESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE
⊕	L15	1x60W INCANDESCENT LAMPS IN RECESSED DECORATIVE LUMINAIRE
⊕	L17	1x60W INCANDESCENT LAMPS IN SURFACE MOUNT WEATHER PROOF LUMINAIRE

✓	P20	3GANG 1 WAY SWITCH
✓	P21	3GANG 1 WAY SWITCH
✓	P22	4GANG 1 WAY SWITCH

1ST FLOOR LIGHTING LAYOUT PLAN  
SCALE 1/100

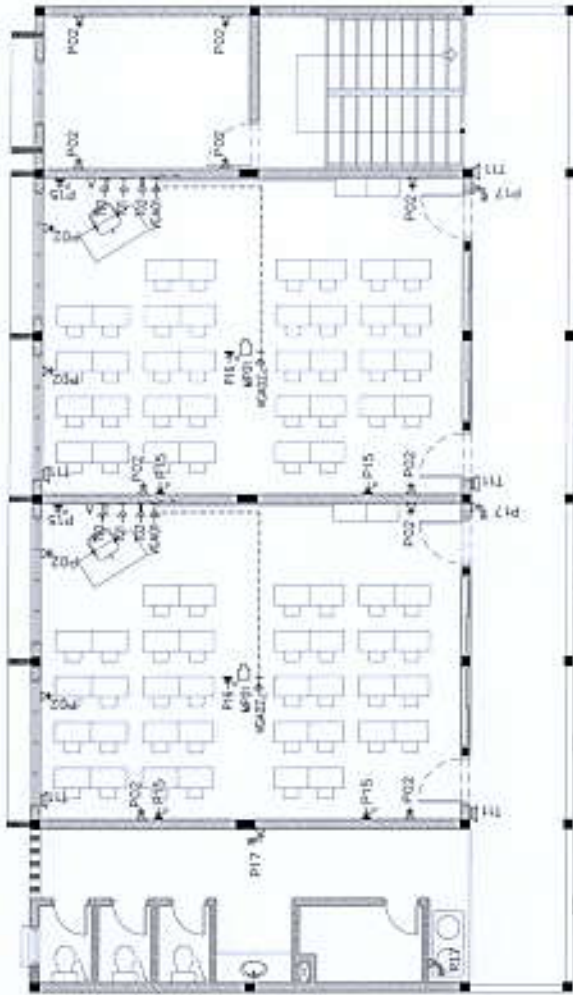


LEGEND

SYMBOL	CODE	DESCRIPTION
□	P01	1 GANG/3A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
□	P02	2 GANG/3A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
▲	P15	1 GANG/3A SOCKET OUTLET AT CEILING LEVEL
▲	P16	1 GANG/3A SOCKET OUTLET AT CEILING LEVEL
□	P17	1 GANG/3A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL (WEATHER PROOF)
■	W02	WGA CABLE
■	P13	DISTRIBUTION BOARD

■	W02	WGA CABLE AT CEILING LEVEL
□	T01	PLUM TELEPHONE OUTLET
□	T02	COMPUTER NETWORK OUTLET
□	W03	MULTIMEDIA PROJECTOR
□	T03	TV POINT
□	T04	SPEAKER

GROUND FLOOR POWER SOCKET LAYOUT PLAN  
SCALE 1:100

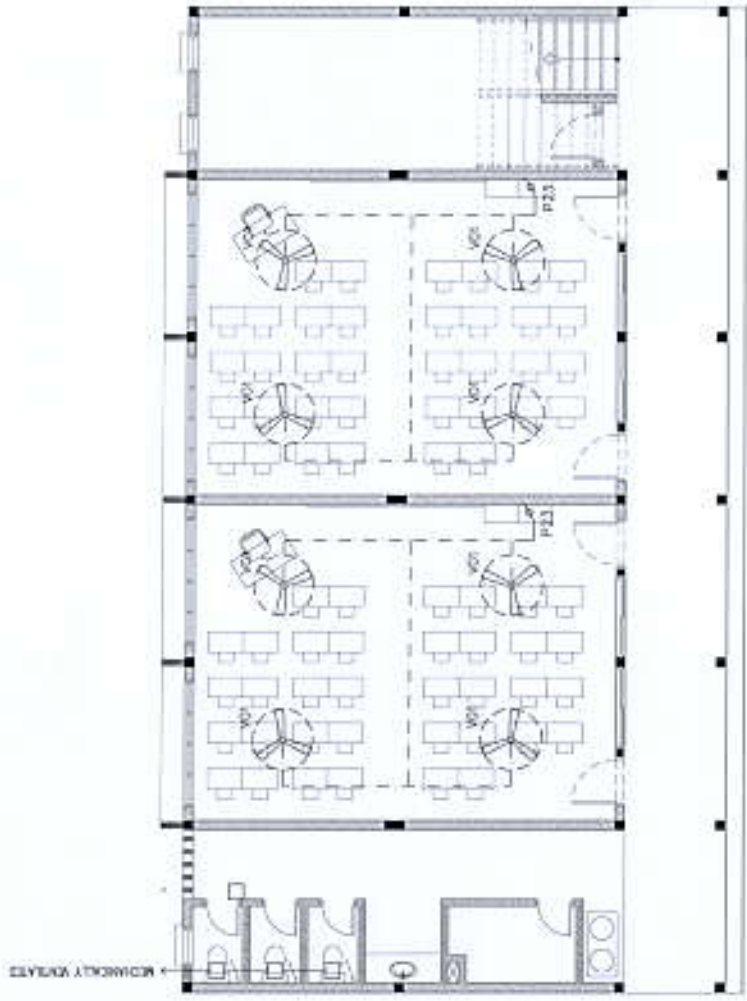


LEGEND:



SYMBOL	CODE	DESCRIPTION
⊕	P01	1 GANG/1A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
⊕	P02	2 GANG/1A SOCKET OUTLET AT 300mm ABOVE FINISHED FLOOR LEVEL
⊕	P15	1 GANG/1A SOCKET OUTLET AT CEILING LEVEL
⊕	P16	1 GANG/1A SOCKET INLET AT CEILING LEVEL
⊕	GA01	1A CABLE

⊕	GA02	1A CABLE AT CEILING LEVEL
⊕	TR	PLAIN TELEPHONE OUTLET
⊕	TC	COMPUTER NETWORK OUTLET
⊕	MP	MULTIMEDIA PROJECTOR
⊕	TV	TV POINT
⊕	SP	SPEAKER

1ST FLOOR POWER SOCKET LAYOUT PLAN  
SCALE 1:100

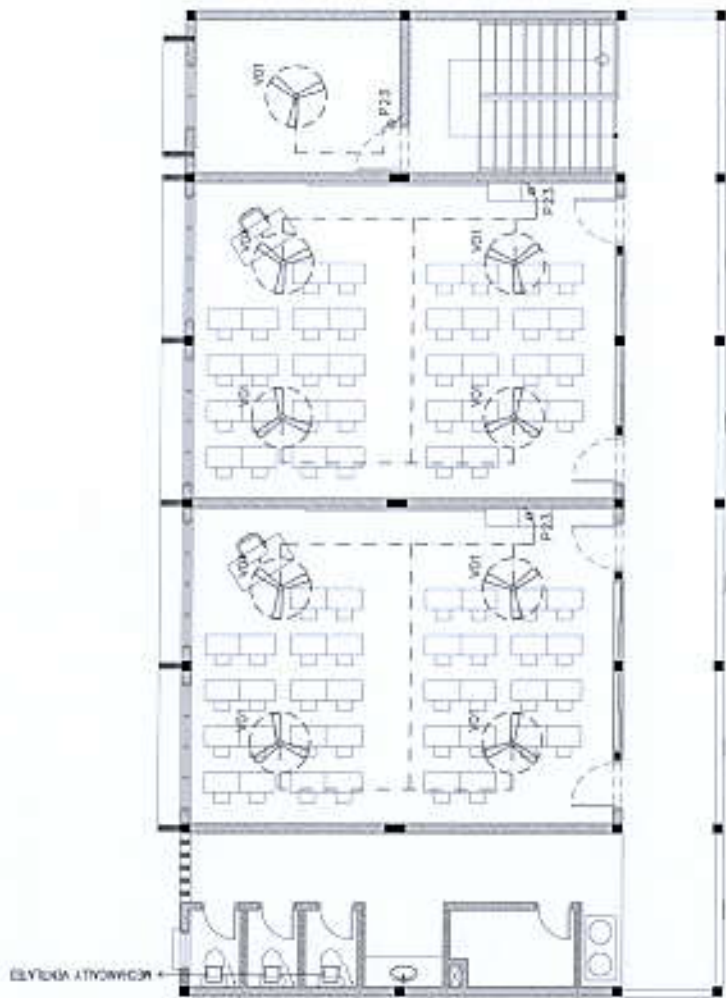


LEGEND



	P23	FAN / LIGHT DIMMER SWITCH
	W10	DIA. 1200 CEILING FAN

GROUND FLOOR FAN LAYOUT PLAN  
SCALE 1:100





LEGEND

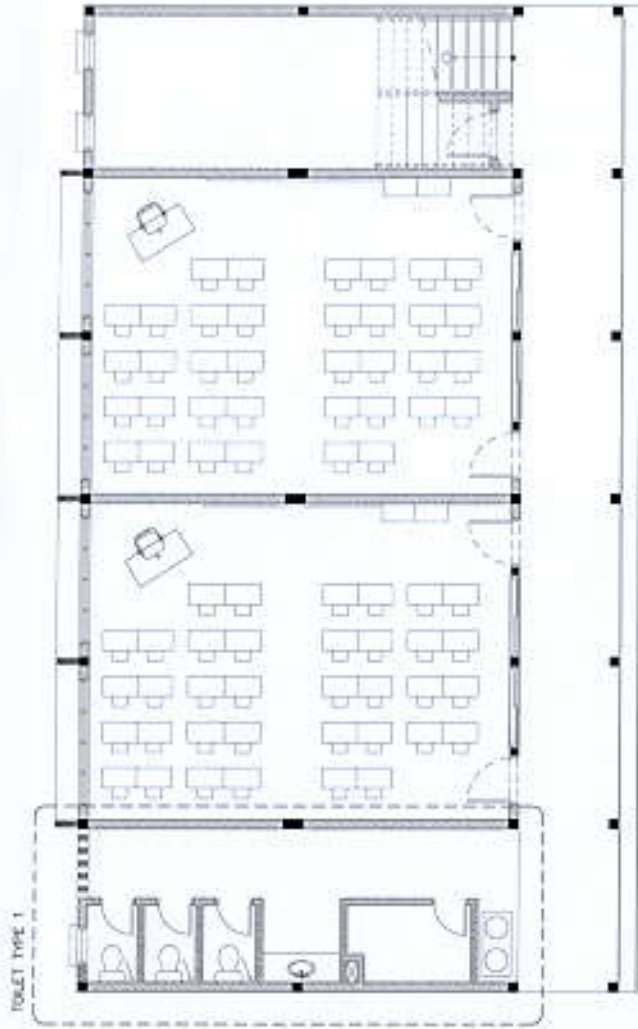
	P23	FAN / LIGHT DIMMER SWITCH
	M01	Ø14 - 1000 CEILING FAN

1ST FLOOR FAN LAYOUT PLAN  
SCALE 1/100

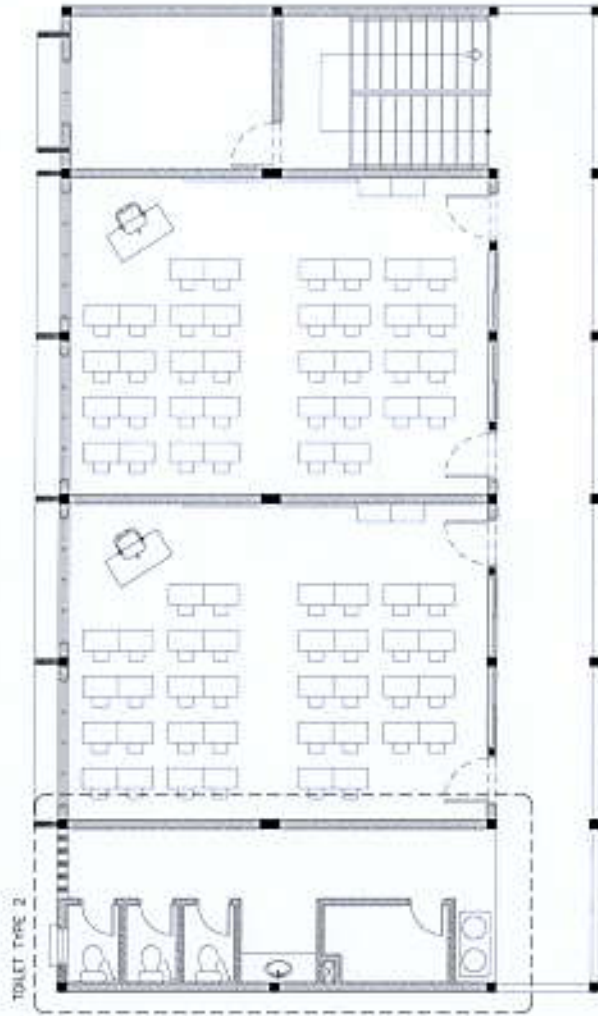
**PROPOSED 4 CLASS ROOM BLOCK AT  
GHAAZEE BANDAARAIN SCHOOL / HA. UTHEEM**

( 2 STOREY )

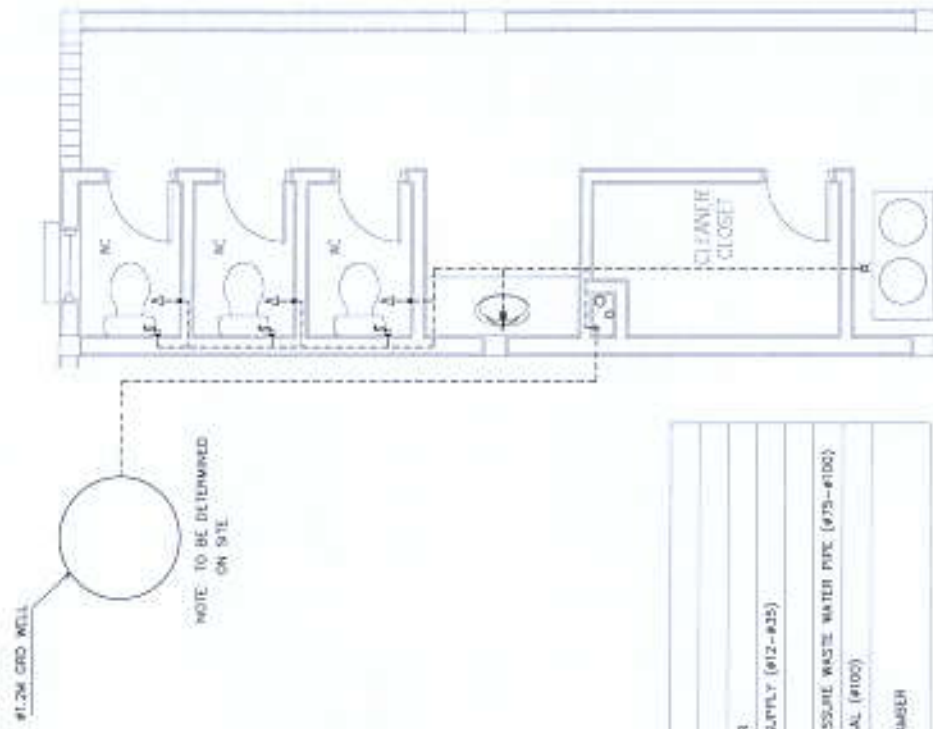
PLUMBING DRAWINGS



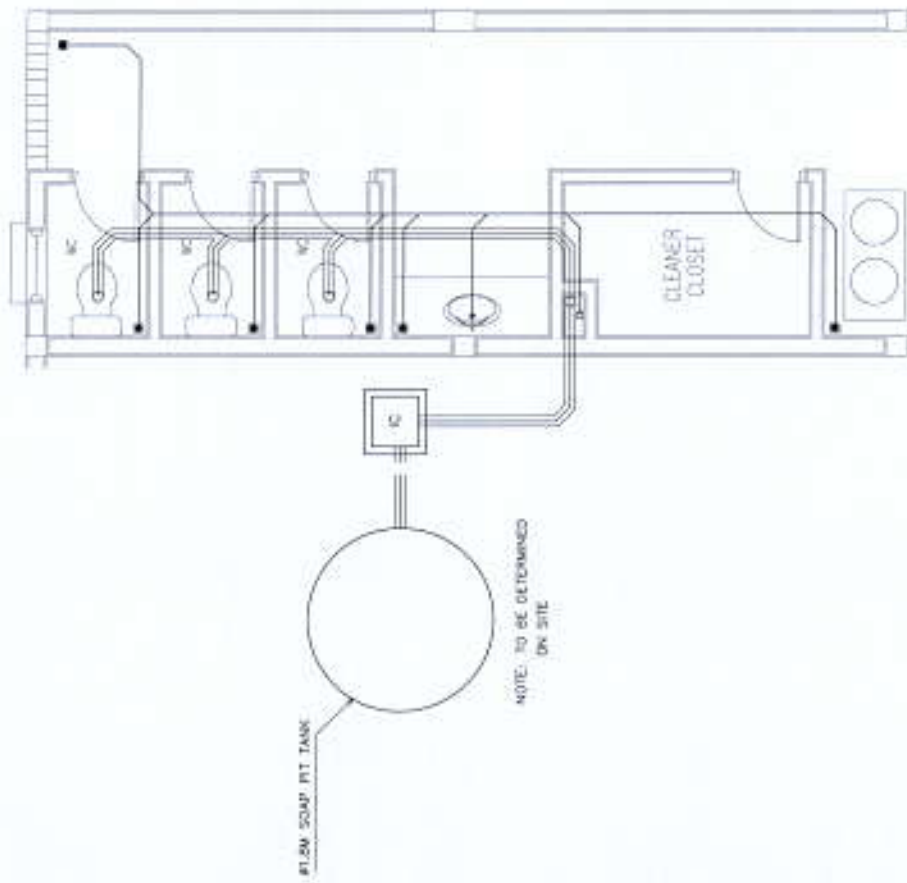
GROUND FLOOR PLUMBING KEY PLAN  
SCALE 1/32



1ST FLOOR PLUMBING KEY PLAN  
SCALE 1/16



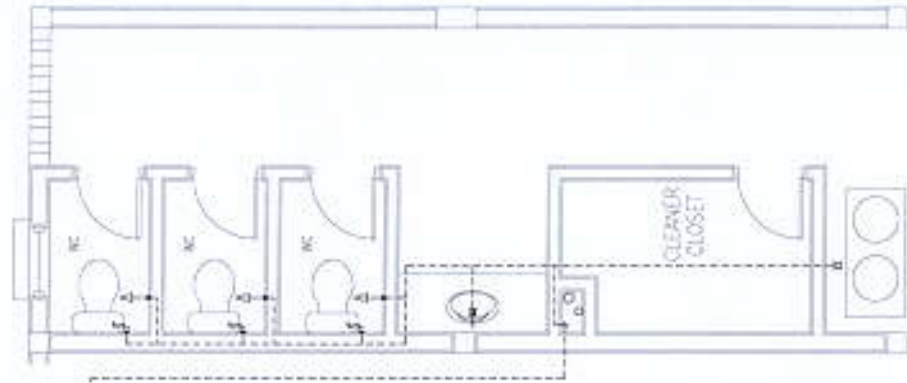
FRESH WATER SUPPLY PLAN  
 (TOILET TYPE 1)  
 SCALE 1:50



SEWAGE AND WASTE DISPOSAL  
 PLAN (TOILET TYPE 1)  
 SCALE 1:50

LEGEND

SYMBOL	DESCRIPTION
—	TAP
—>	MEDIUM SHOWER
---	MISC WATER SUPPLY (#12-#35)
●	FLOOR DRAIN
—	UPVC HIGH PRESSURE WASTE WATER PIPE (#75-#100)
---	SEWAGE DISPOSAL (#100)
IC	INSPECTION CHAMBER



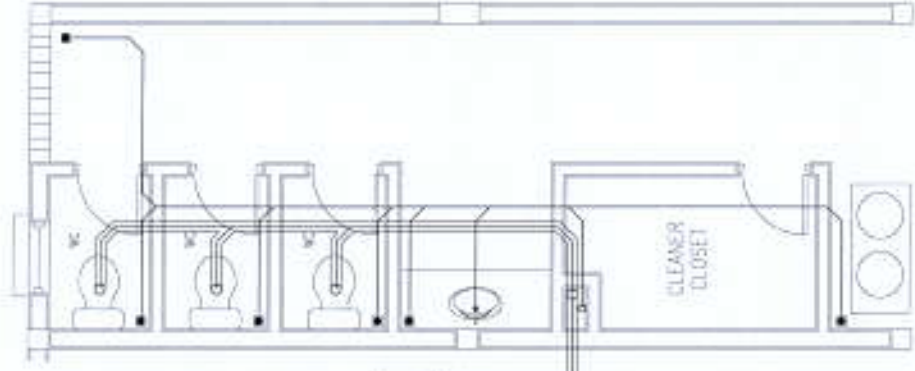
41.2M GHD WELL

NOTE: TO BE DETERMINED ON SITE

LEGEND

SYMBOL	DESCRIPTION
	TAP
	MUSLIM SHOWER
	UNSC WATER SUPPLY (Ø12-Ø15)
	FLOOR DRAIN
	UPVC HIGH PRESSURE WASTE WATER PIPE (Ø75-Ø100)
	SEWAGE DISPOSAL (Ø100)
	INSPECTION CHAMBER

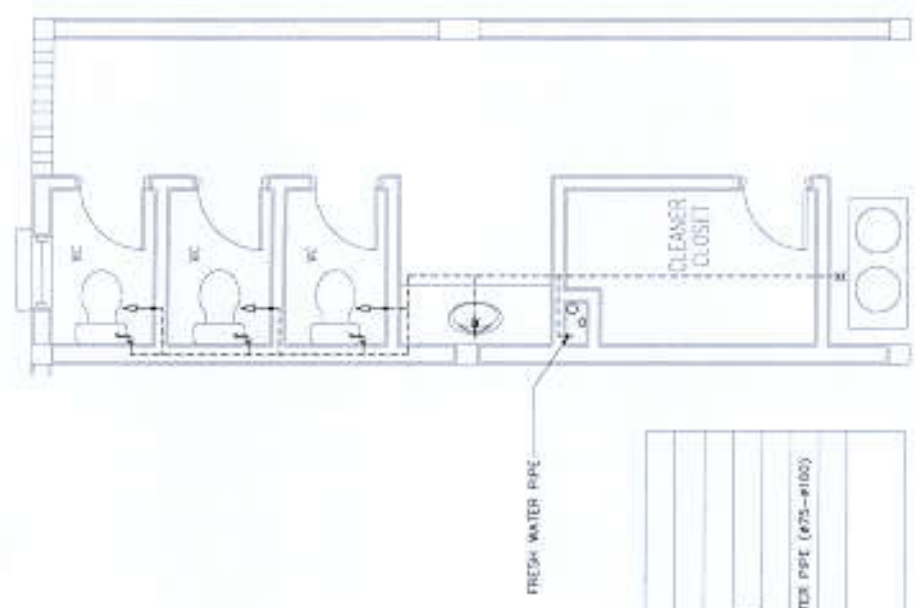
FRESH WATER SUPPLY PLAN  
(TOILET TYPE 1)  
SCALE 1/50



11.2M SOAP PIT TANK

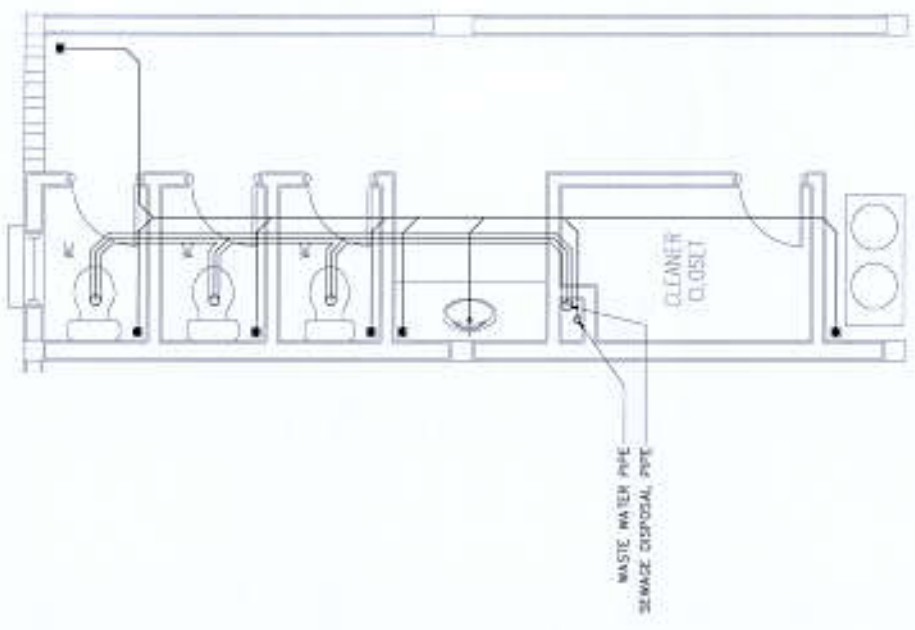
NOTE: TO BE DETERMINED ON SITE

SEWAGE AND WASTE DISPOSAL  
PLAN (TOILET TYPE 1)  
SCALE 1/50

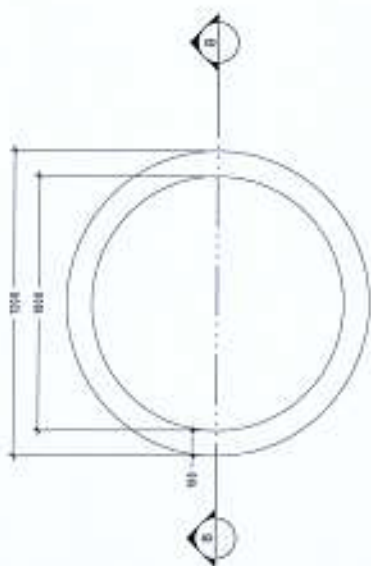


FRESH WATER SUPPLY PLAN  
(TOILET TYPE 1)  
SCALE 1/80

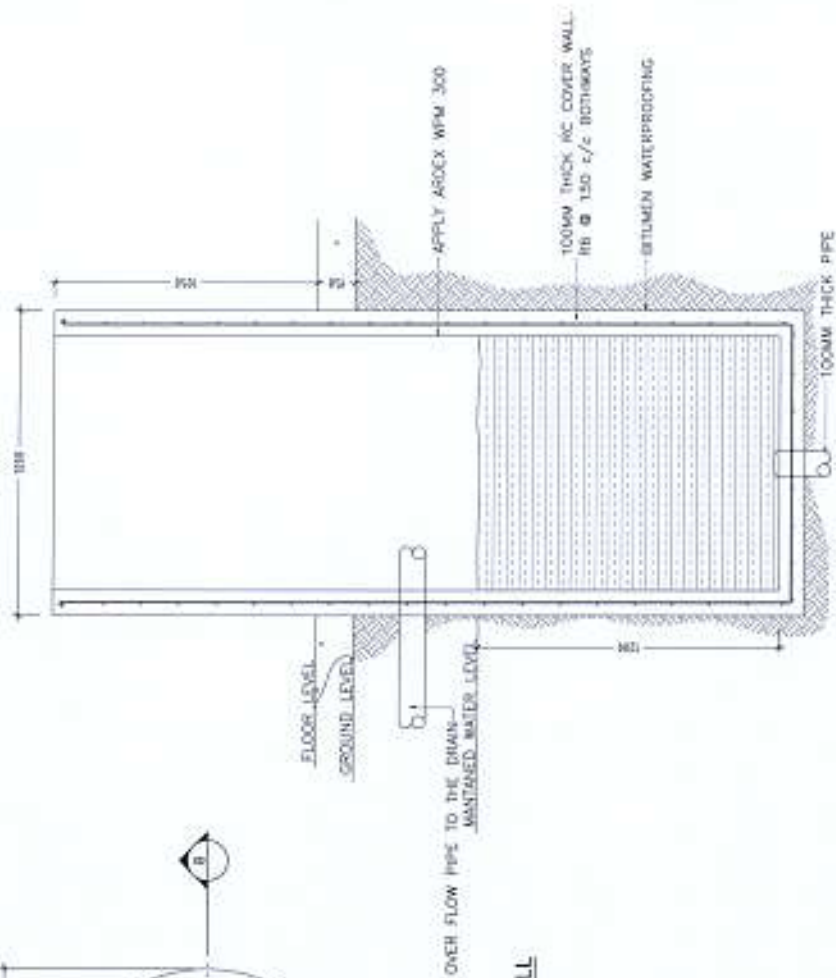
SYMBOL	DESCRIPTION
	TAP
	MIRROR SHOWER
	MUSIC WATER SUPPLY (#12-#20)
	FLOOR DRAIN
	UPVC HIGH PRESSURE WASTE WATER PIPE (#75-#100)
	SEWAGE DISPOSAL (#100)
	INSPECTION CHAMBER



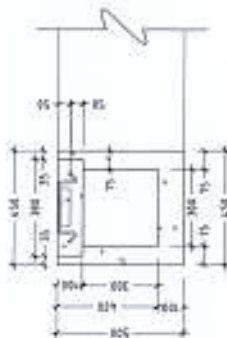
SEWAGE AND WASTE DISPOSAL  
PLAN (TOILET TYPE 1)  
SCALE 1/80



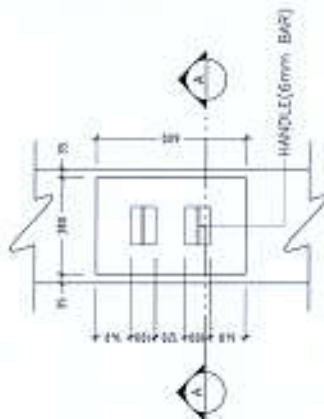
DETAIL B/ PLAN VIEW OF WELL  
SCALE 1 : 20



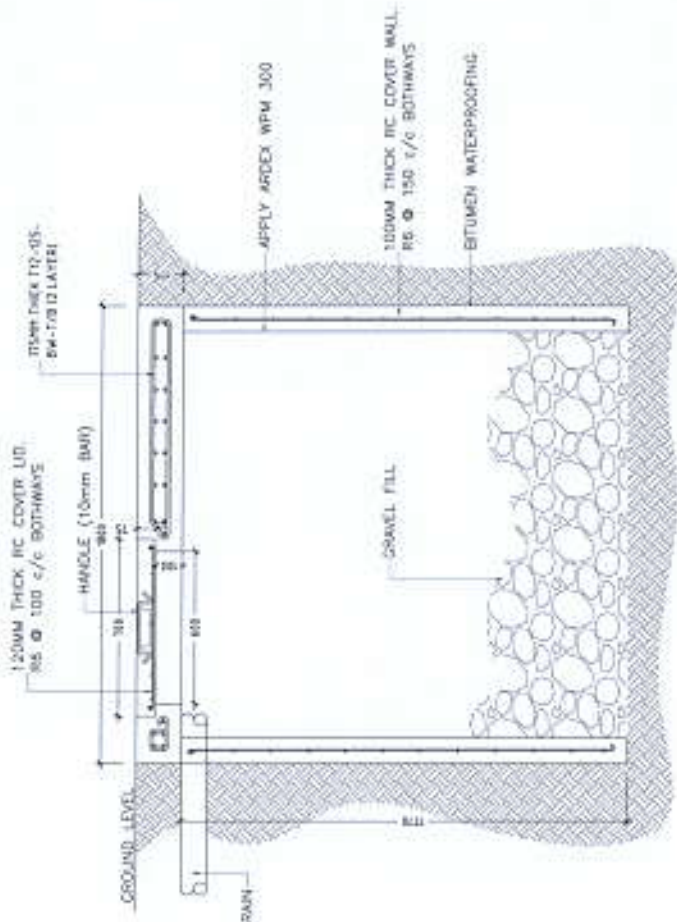
DETAIL B/ SECTION A-A OF WELL  
SCALE 1 : 20



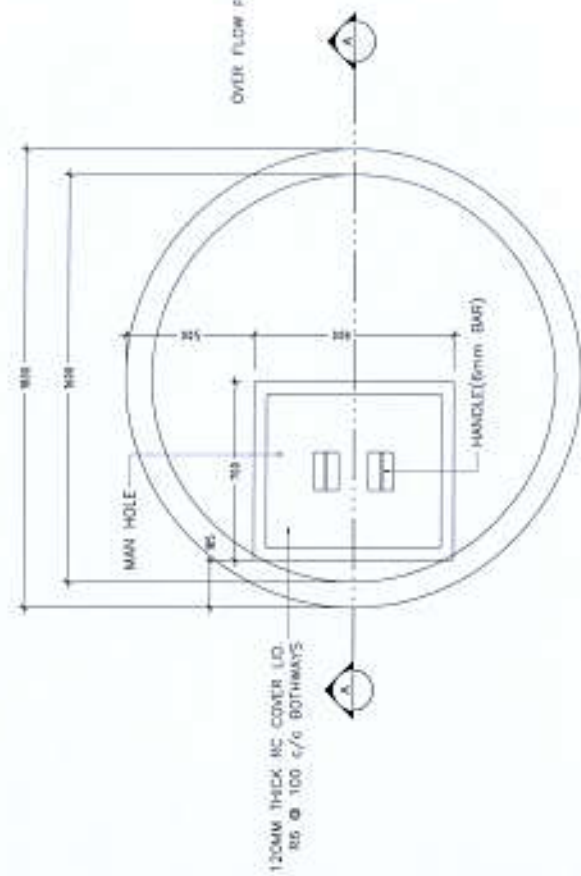
DETAIL A/ SECTION A-A  
SCALE 1 : 20



DETAIL A / PLAN VIEW OF INSPECTION POINT  
SCALE 1 : 20



DETAIL A/ SECTION A-A OF SOAK PIT TANK  
SCALE 1 : 20



DETAIL A/ PLAN VIEW OF SOAK PIT TANK  
SCALE 1 : 20



**PROPOSED 4 CLASS ROOM BLOCK AT  
GHA AZEE BANDAARAIN SCHOOL / HA. UTHEEM**

**( 2 STOREY )**

**FIRE SAFETY DRAWINGS**



LEGEND

SYMBOL	CODE	DESCRIPTION
[FB]	F01	FIRE BLANKET
[MCP]	F02	BREAK GLASS MANUAL CALL POINT
[SD]	F03	SMOKE DETECTOR
[H]	F04	FIRE ALARM BELL
[PE]	F07	PORTABLE EXTINGUISHER (A-20)
[PE]	F08	PORTABLE EXTINGUISHER (CO2)
[ES]	F12	EXIT SIGN
[J]	F09	JUNCTION BOX
[MCP]	F10	FIRE MAIN CONTROL PANEL

NOTE: ALL FIRE RESISTANT CABLES SHALL BE ENCLOSED IN PVC CONDUITE

GROUND FLOOR FIRE SAFETY LAYOUT PLAN  
SCALE 1:100



LEGEND

SYMBOL	CODE	DESCRIPTION
[FB]	F00	FIRE BLANKET
[F02]	F02	BREAK GLASS MANUAL CALL POINT
[SD]	F03	SMOKE DETECTOR
[H]	F05	FIRE ALARM BELL
[H200]	F07	PORTABLE EXTINGUISHER (H200)
[CO2]	F08	PORTABLE EXTINGUISHER (CO2)
[EXIT]	F12	EXIT SIGN

NOTE: ALL FIRE RESISTANT CABLES SHALL BE ENCLOSED IN PVC CONDUITE

1ST FLOOR FIRE SAFETY LAYOUT PLAN  
SCALE 1/100