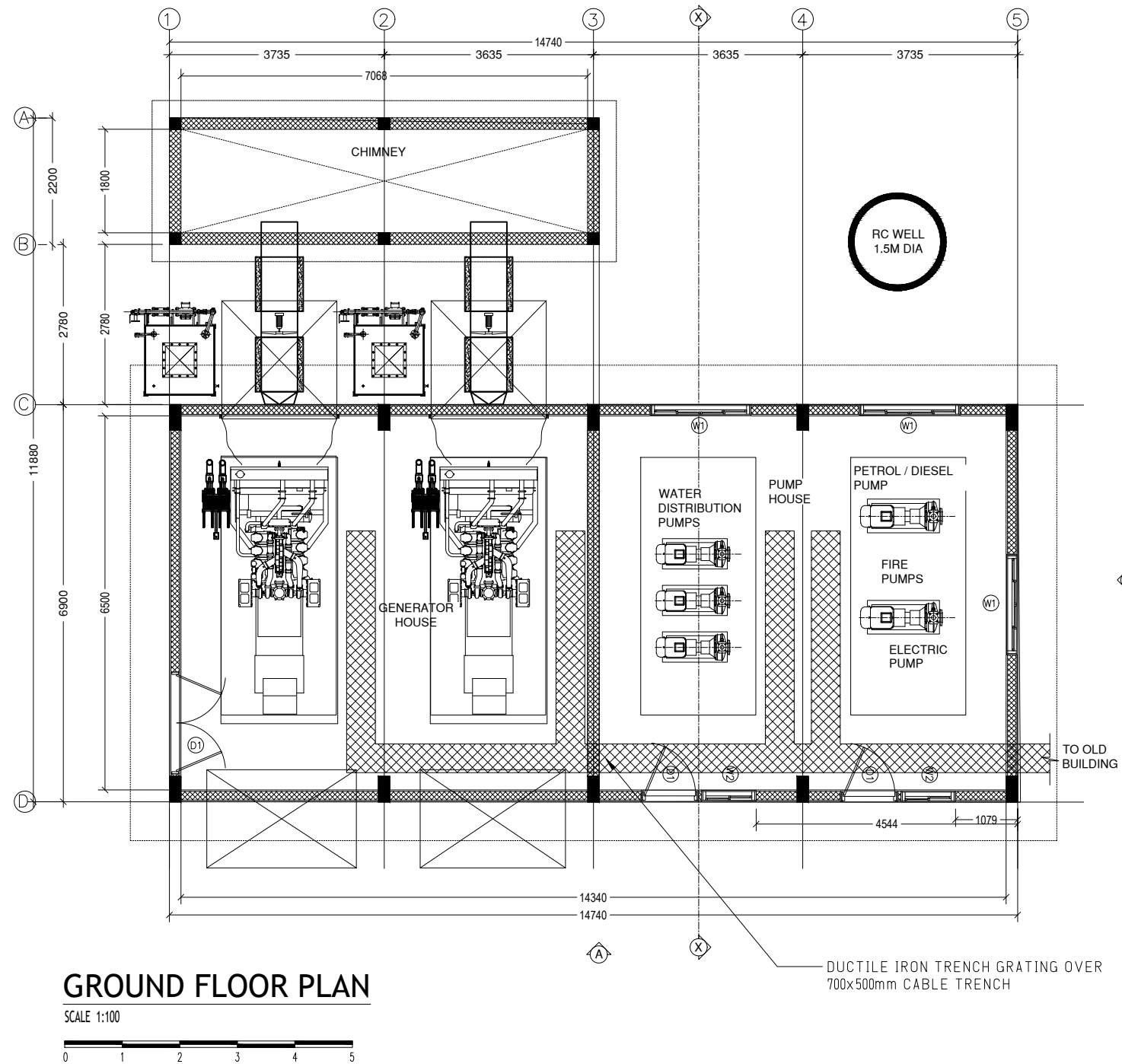
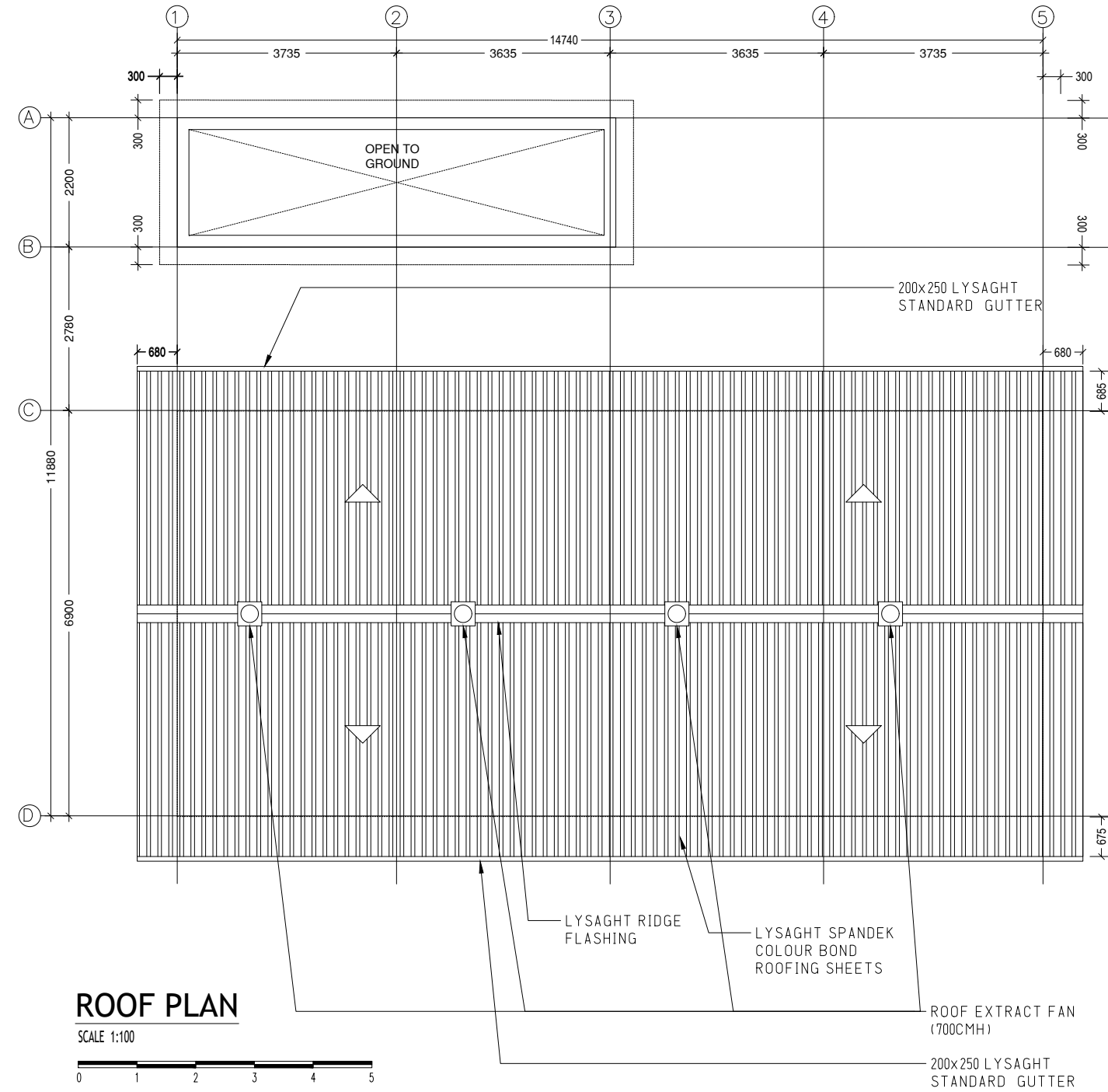


PROPOSED GENERATOR & FIR PUMP BUILDING AT

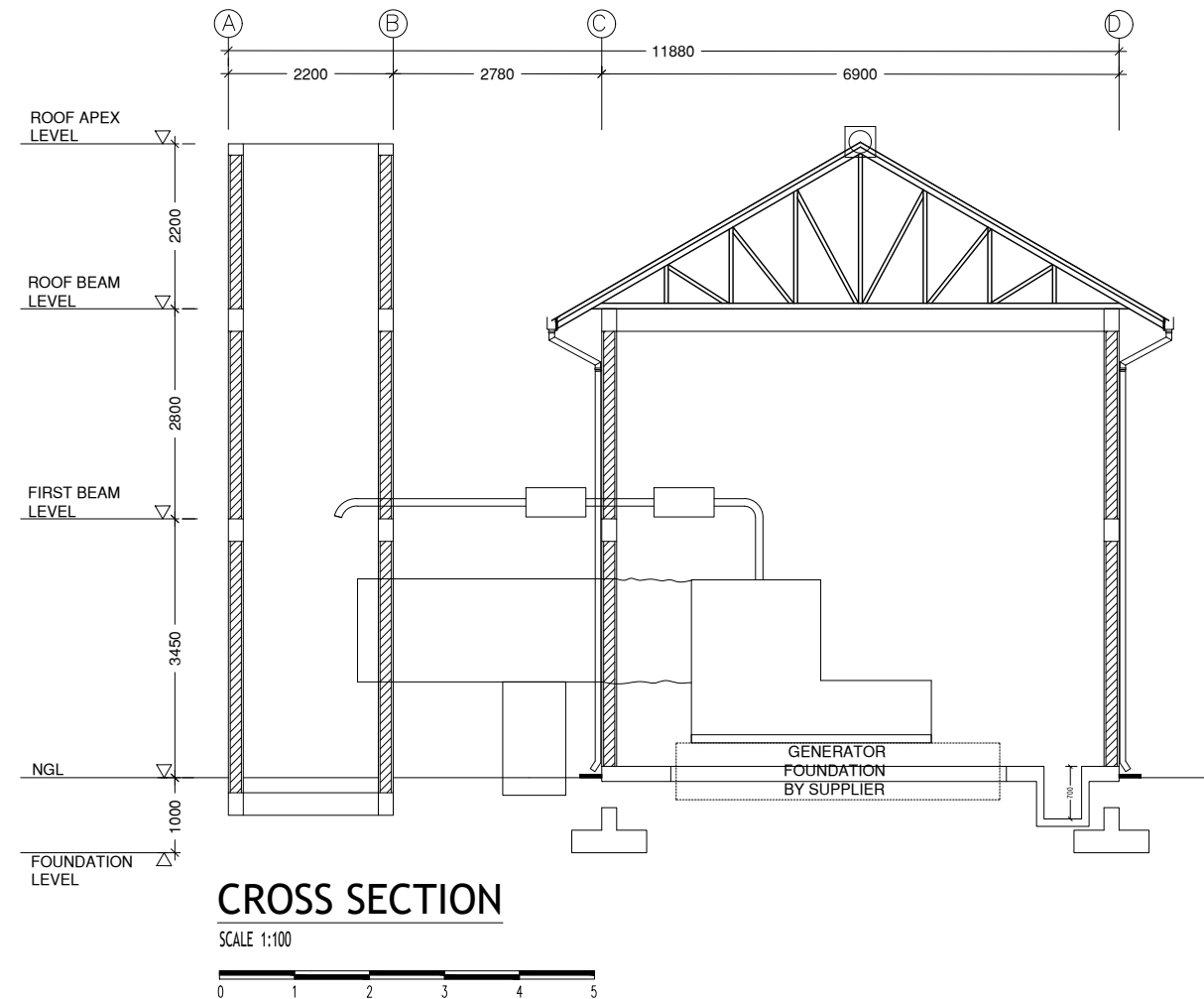
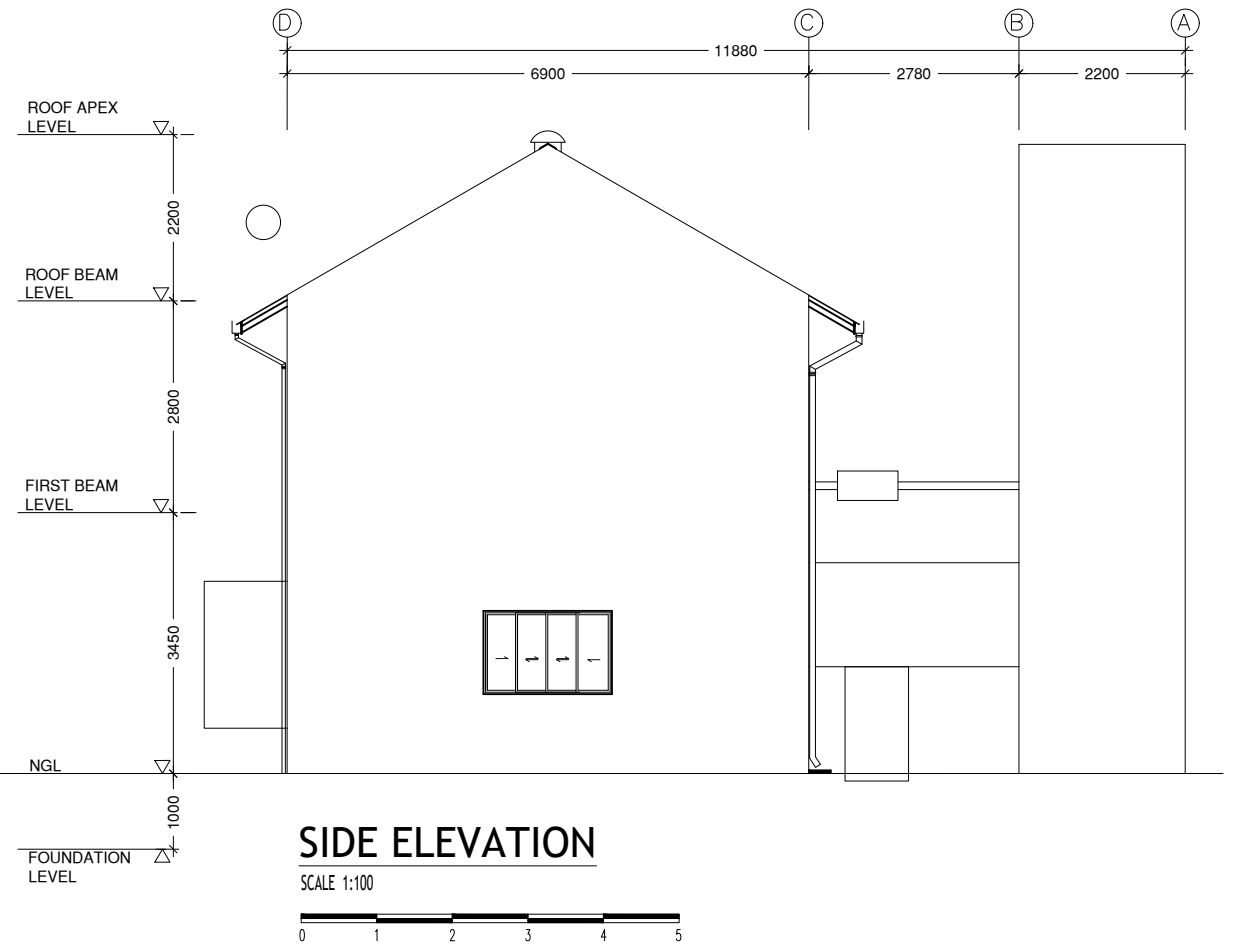
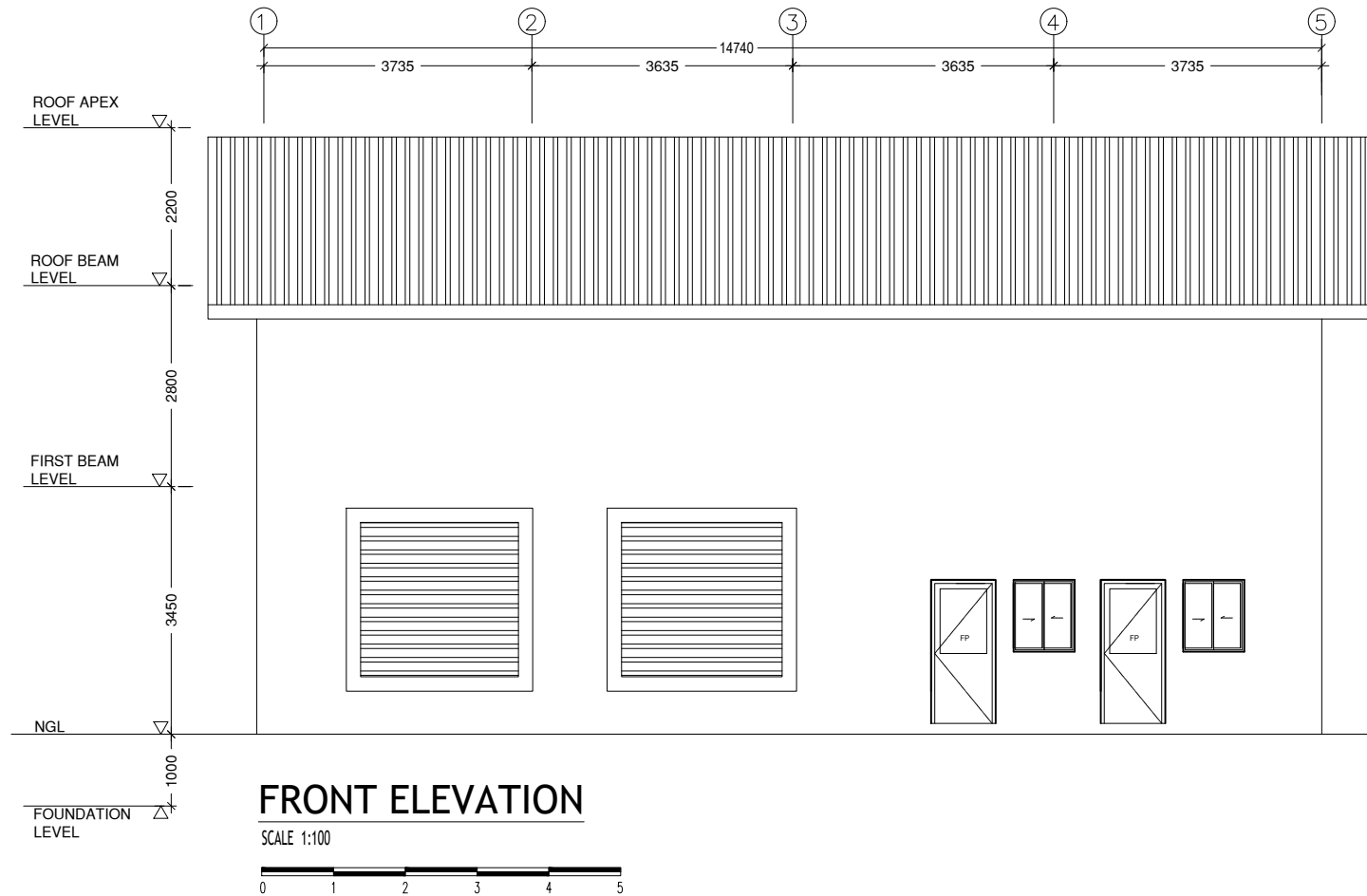
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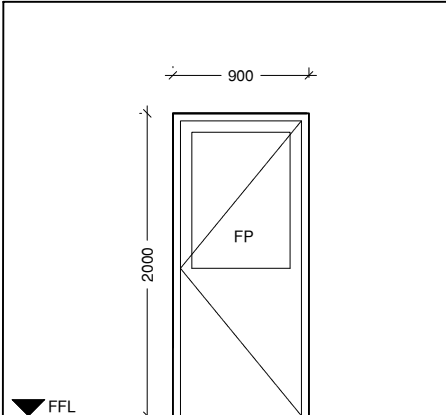
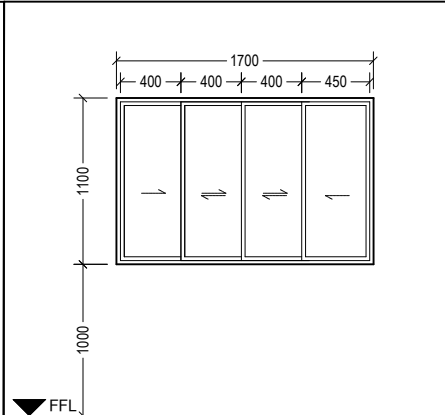
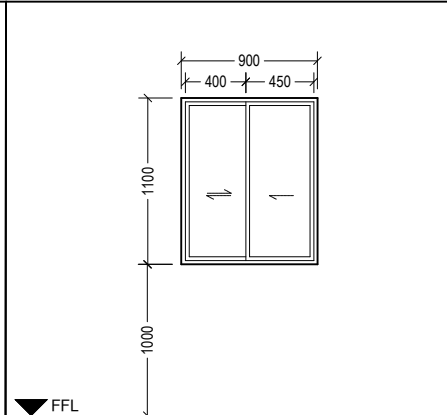
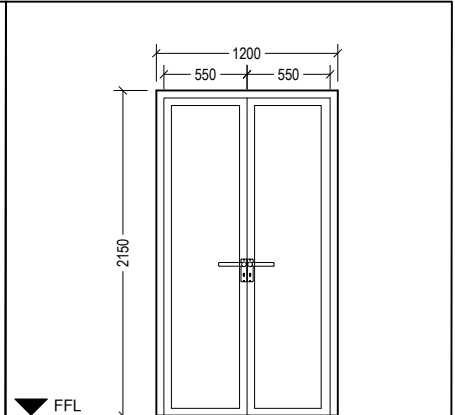
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| PROJECT : HA. IHAVANDHOO PROJECT: GENERATOR & FIRE PUMP HOUSE HOSPITAL FACILITY CLIENT : MINISTRY OF HEALTH CONSULTANT : BLUEPRINT ASSOCIATES PVT LTD | DRAWN BY : ARIF CHECKED BY : HUSSAIN SHAHEED TITLE : AS GIVEN SCALE : AS GIVEN DATE:10.02.2022 PG NO. | DWG NO: REV. NO: REV. NOTES - - - - - | APPROVED BY: APPROVED DATE: |
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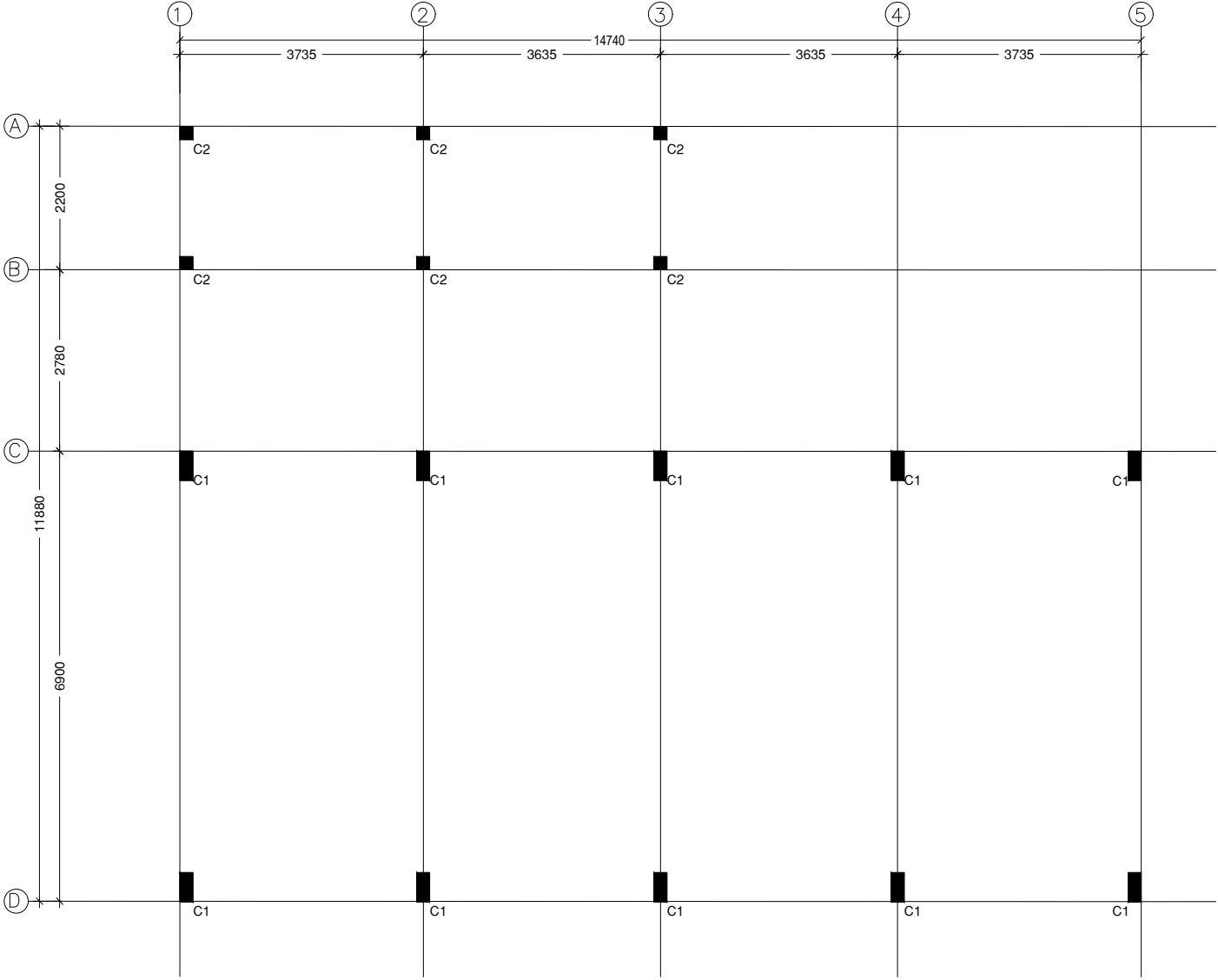
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| | CHECKED BY : HUSSAIN SHAHEED | REV. NO: | |
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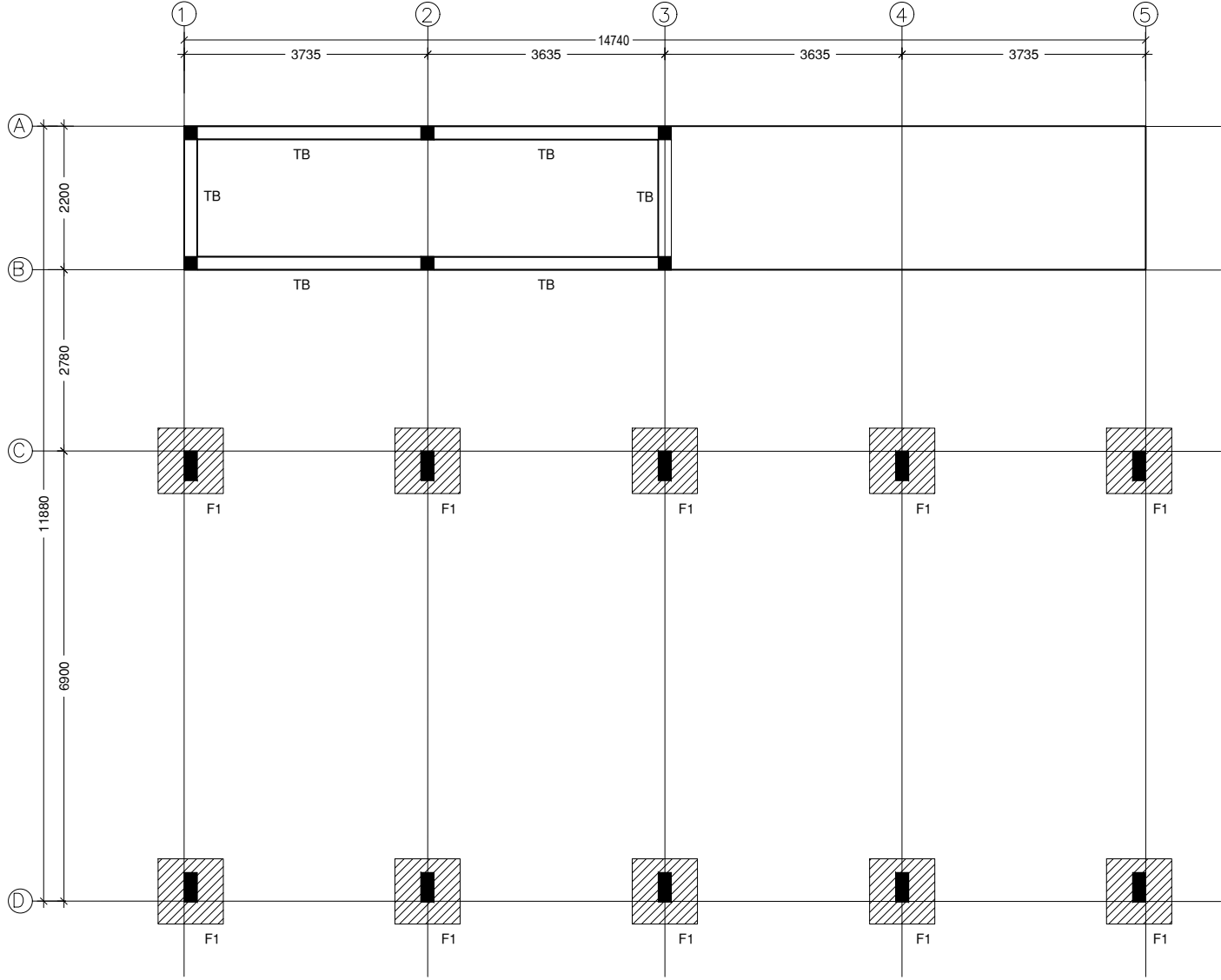
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|  | |  | |  | |  | |
| D1 | | W1 | | W2 | | D1 | |
| REMARKS | | REMARKS | | REMARKS | | REMARKS | |
| | | | | | | | |
| AREA: | | AREA: | | AREA: | | AREA: | |
| 3.235 m ² | | 3.235 m ² | | 3.235 m ² | | 3.235 m ² | |
| ALUMINIUM FRAMED HINGED OPENABLE ALUMINIUM DOOR WITH FROSTED GLASS FIXED PANEL ON DOOR PANEL | | ALUMINIUM WINDOW WITH SLIDING WINDOW PANELS | | ALUMINIUM WINDOW WITH SLIDING WINDOW PANELS | | ALUMINIUM FRAMED HINGED OPENABLE ALUMINIUM DOOR PANEL ON DOOR PANEL | |

| | | | | |
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| PROJECT : HA. IHAVANDHOO PROJECT: GENERATOR & FIRE PUMP HOUSE HOSPITAL FACILITY CLIENT : MINISTRY OF HEALTH CONSULTANT : BLUEPRINT ASSOCIATES PVT LTD | DRAWN BY : ARIF | | DWG NO: | APPROVED BY: |
| | CHECKED BY : HUSSAIN SHAHEED | | REV. NO: | |
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| | DATE:10.02.2022 | | - | |
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COLUMN LOCATION PLAN

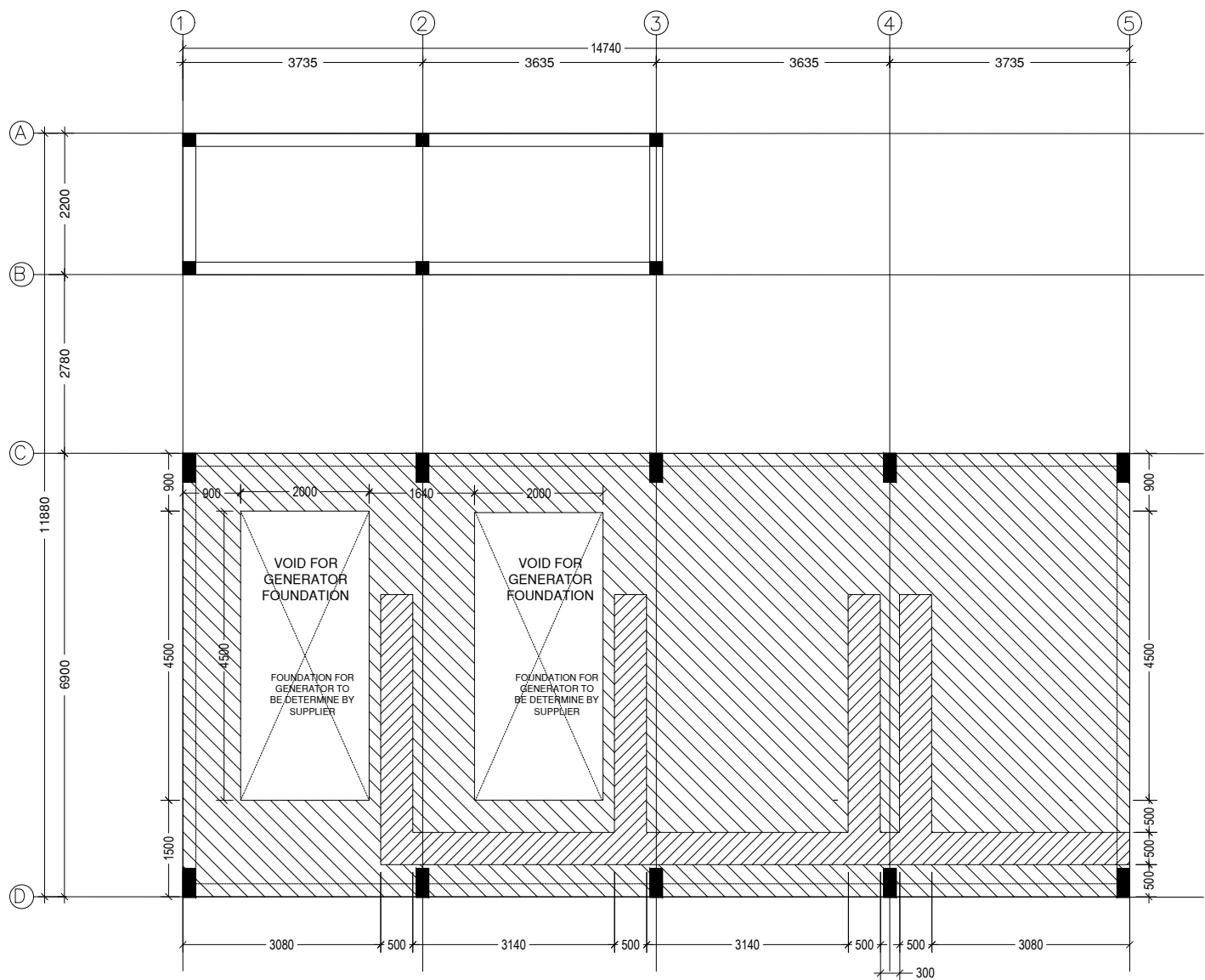
SCALE 1:100



FOUNDATION PLAN

SCALE 1:100

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| PROJECT : HA. IHAVANDHOO PROJECT: GENERATOR & FIRE PUMP HOUSE HOSPITAL FACILITY _____ CLIENT : MINISTRY OF HEALTH _____ CONSULTANT : BLUEPRINT ASSOCIATES PVT LTD | DRAWN BY : ARIF | | DWG NO: _____ | APPROVED BY: _____ APPROVED DATE: _____ |
| | CHECKED BY : HUSSAIN SHAHEED | | REV. NO: _____ | |
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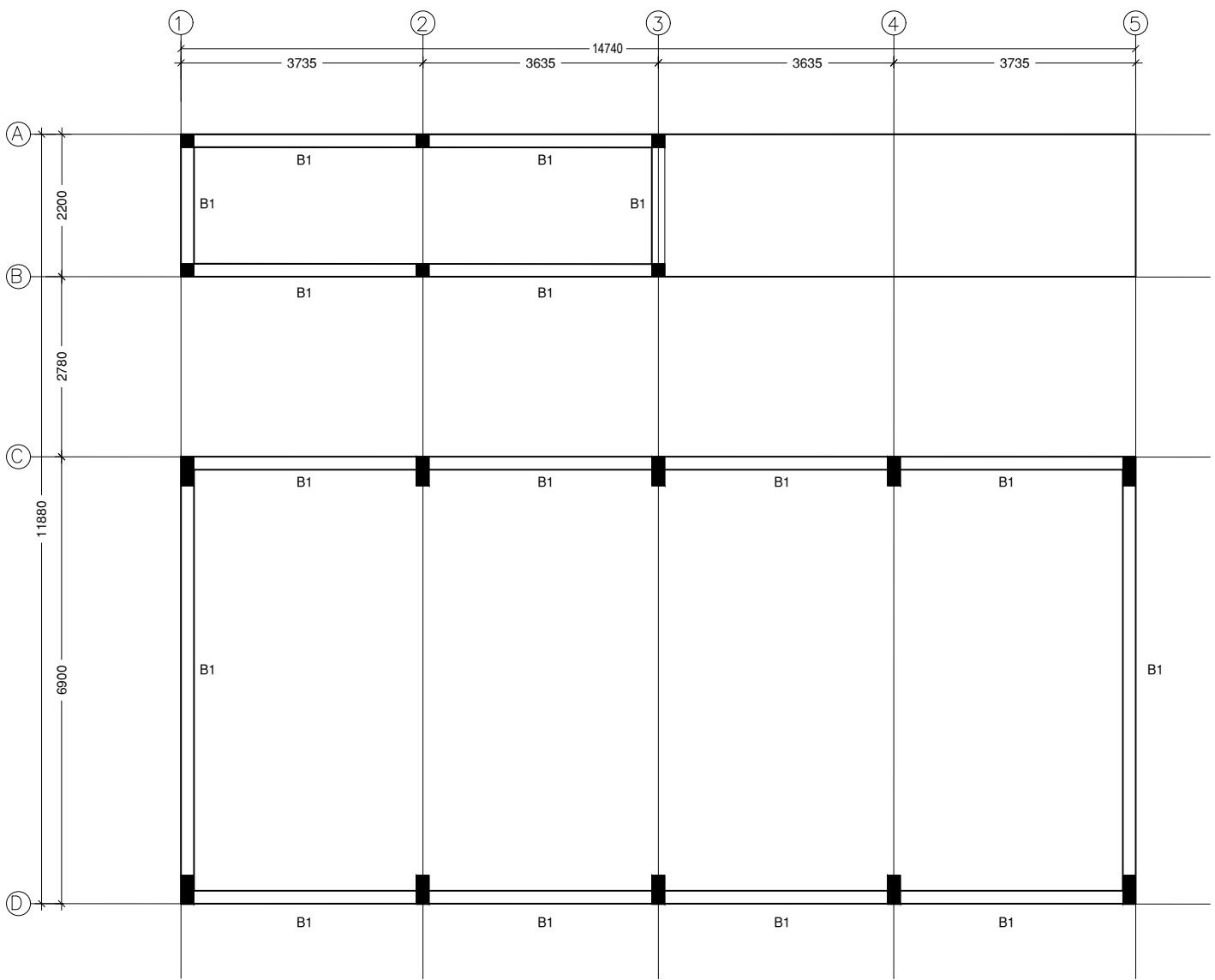


GROUND SLAB PLAN

SCALE 1:100

NOTE:
Slab thickness =200mm
Reinforcement =T10@150 c/c T&B (bothways not shown)
SEE TRENCH DETAIL

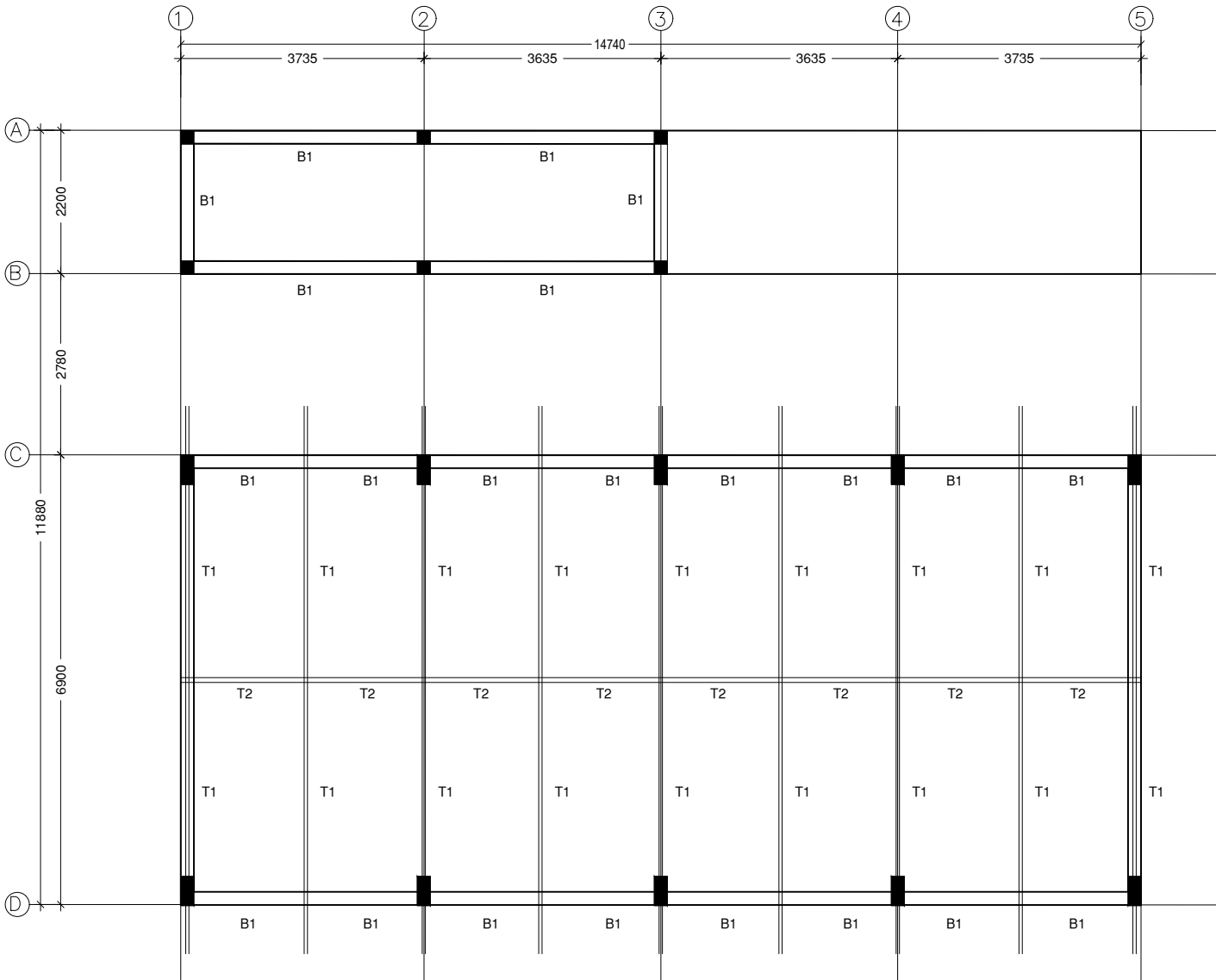
All reinforcement discontinues over voids
Top steel over non – continuous edges shall be bent into the beam by 150mm



BEAM PLAN AT 3000mm HEIGHT

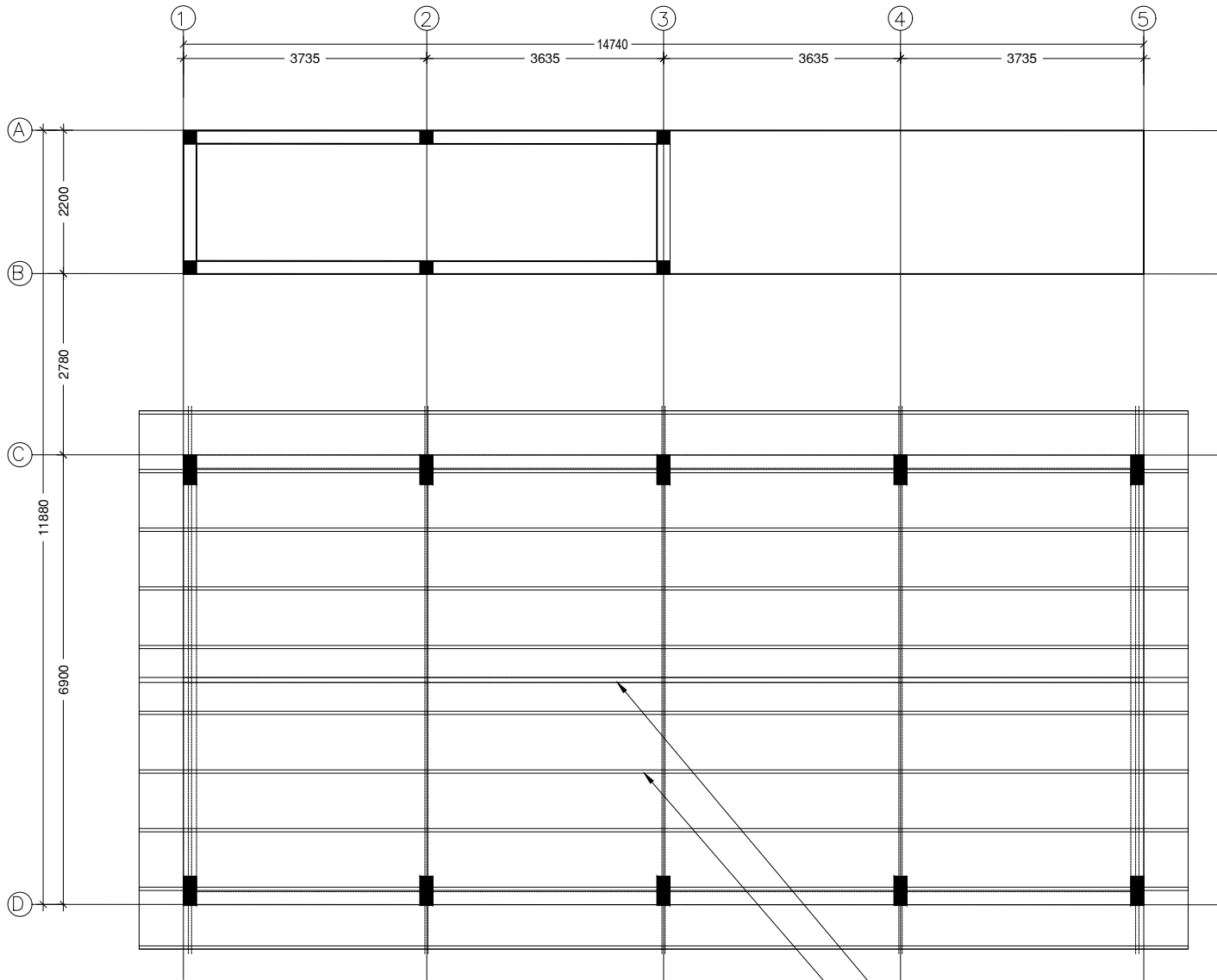
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| PROJECT : HA. IHAVANDHOO PROJECT: GENERATOR & FIRE PUMP HOUSE HOSPITAL FACILITY CLIENT : MINISTRY OF HEALTH CONSULTANT : BLUEPRINT ASSOCIATES PVT LTD | DRAWN BY : ARIF CHECKED BY : HUSSAIN SHAHEED TITLE : AS GIVEN SCALE : AS GIVEN DATE:10.02.2022 PG NO. | DWG NO: REV. NO: REV. NOTES - - - - - - | APPROVED BY: APPROVED DATE: |
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ROOF BEAM PLAN @ 6400mm

SCALE 1:100



ROOF BEAM PLAN @ 6400mm

SCALE 1:100

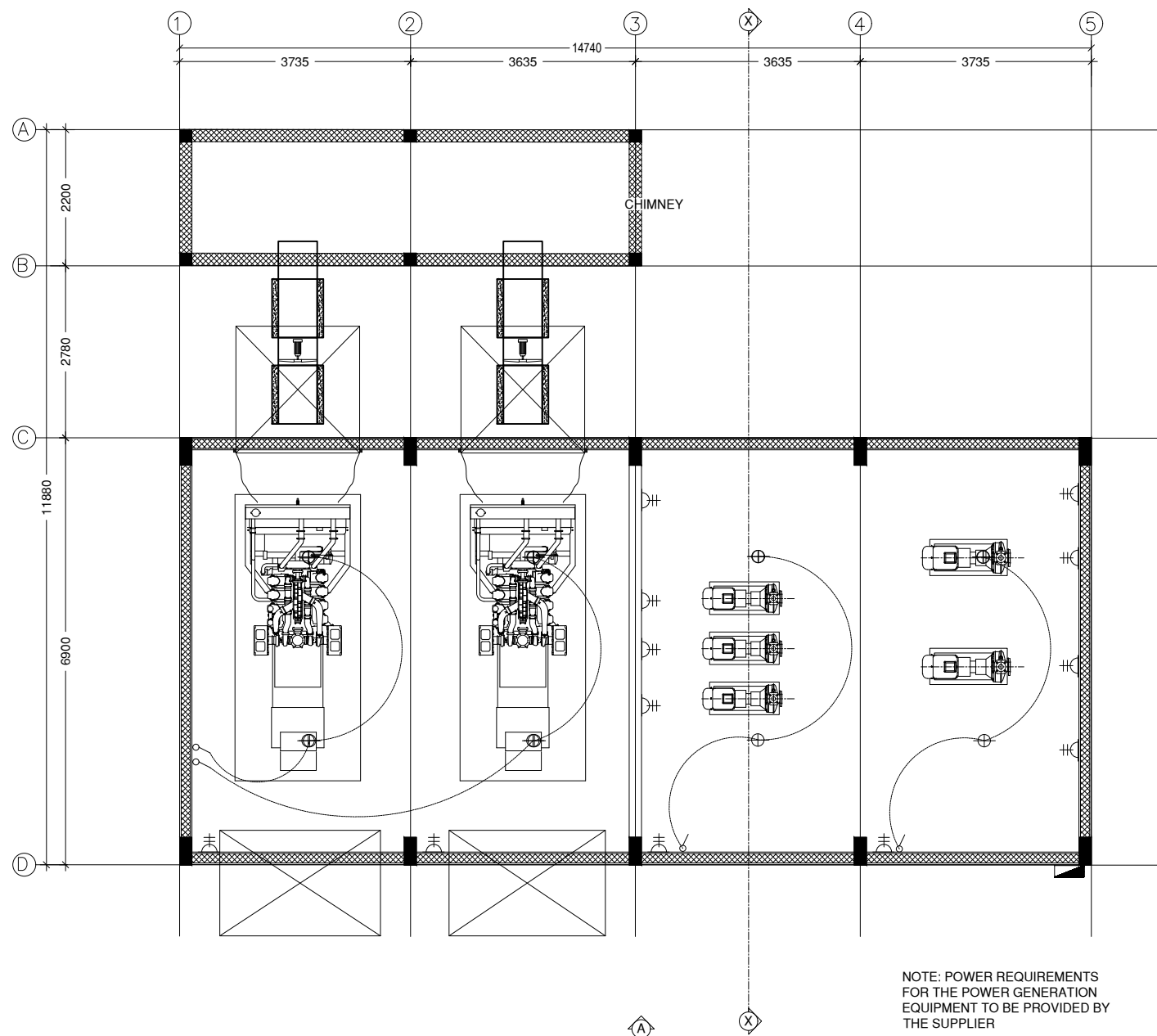


PURLINS = 100 50x30 THICK 2.5

TRUSS 'T2' AT RIDGE

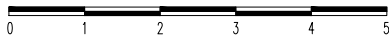
50x30x2.5mm C-PURLINS @ 900C/C

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| PROJECT : HA. IHAVANDHOO PROJECT: GENERATOR & FIRE PUMP HOUSE HOSPITAL FACILITY CLIENT : MINISTRY OF HEALTH CONSULTANT : BLUEPRINT ASSOCIATES PVT LTD | DRAWN BY : ARIF CHECKED BY : HUSSAIN SHAHEED TITLE : AS GIVEN SCALE : AS GIVEN DATE:10.02.2022 PG NO. | DWG NO: REV. NO: REV. NOTES - - - - - | APPROVED BY: APPROVED DATE: |
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ELECATRICAL POWER LAYOUT

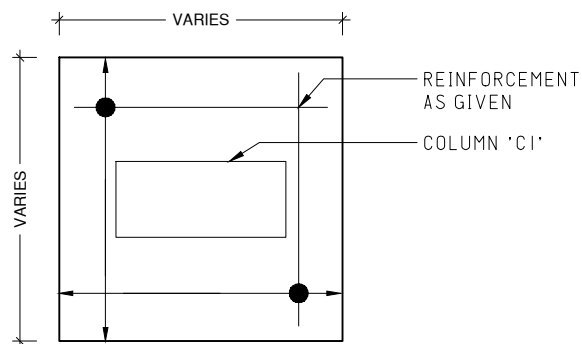
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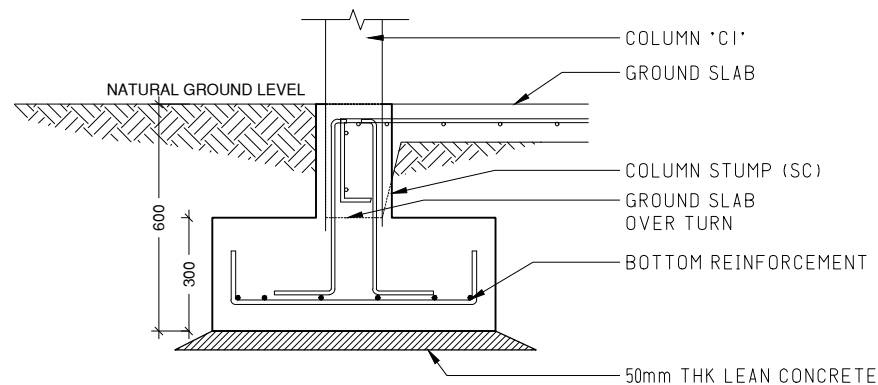
| SYMBOL | DESCRIPTION |
|--------|--|
| | INHOUSE DISTRIBUTION BOARD |
| | MAIN DISTRIBUTION BOARD |
| | FAN CONTROLLER |
| | 2WAY SWITCH SINGLE GANG (UOS) |
| | 1WAY SWITCH SINGLE GANG |
| | 13A X 1G POWER SOCKET @ 300 FFL (UOS) |
| | 13A X 2G POWER SOCKET @ 300 FFL (UOS) |
| | 15A X 1G POWER SOCKET @ CEILING LEVEL |
| | DATA SOCKET (RJ45) @ 300 FFL (UOS) |
| | TELEPHONE COCKET (RJ11) @ 300 FFL (UOS) |
| | TV SOCKET (RF) @ 300 FFL (UOS) |
| | WALL MOUNTED LIGHT FITTING |
| | CEILING MOUNTED LIGHT FITTING |
| | CF TUBE LIGHT (2') |
| | EMERGENCY LIGHT (2HR) |
| | CEILING FAN |
| | AC UNIT |
| | EXHAUST FAN |
| | EXIT SIGN |
| | FIRE EXTINGUISHER - WATER |
| | FIRE EXTINGUISHER - DRY POWDER |
| | FIRE EXTINGUISHER - CO2 |
| | WATER SPRINKLER WITH IONIZATION SMOKE DETECTOR |

GENERAL NOTE:
*UOS - UNLESS OTHERWISE STATED
1. ALL TOILET EXHAUSTS SHALL BE CONNECTED TO TOILET LIGHT SWITCHES

| | | | |
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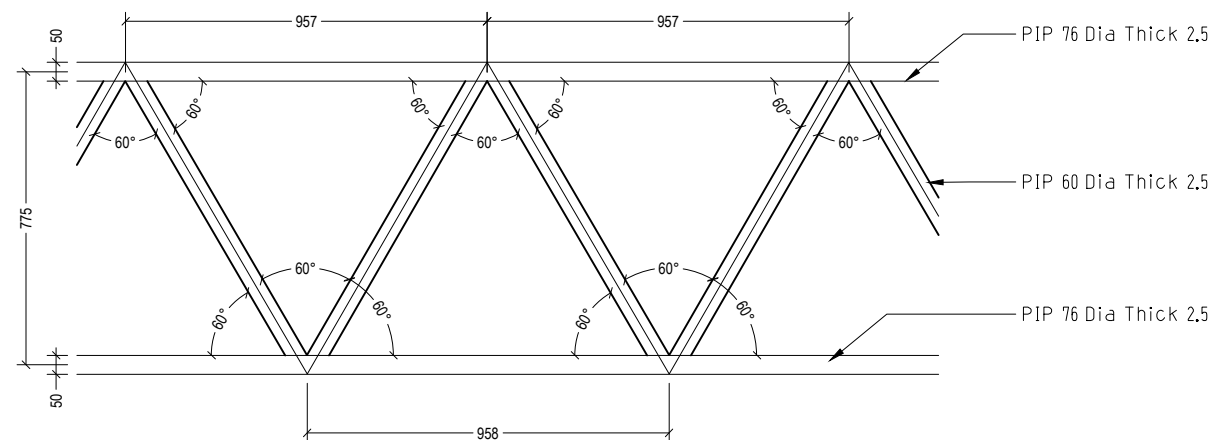
TYPICAL FOOTING PLAN
SCALE 1:20



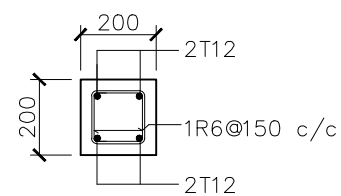
TYPICAL FOOTING SECTION
SCALE 1:20

| TYPE | DIMENSIONS | REINFORCEMENT |
|---|-------------------------|--------------------------|
| F1 | 1000mm x 1000mm x 300mm | T10@150 C/C B/W (BOTTOM) |
| FOUNDATION DEPTH = 600mm BELOW NATURAL GROUND LEVEL | | |

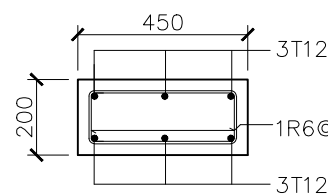
FOOTING SCHEDULE
SCALE 1:20



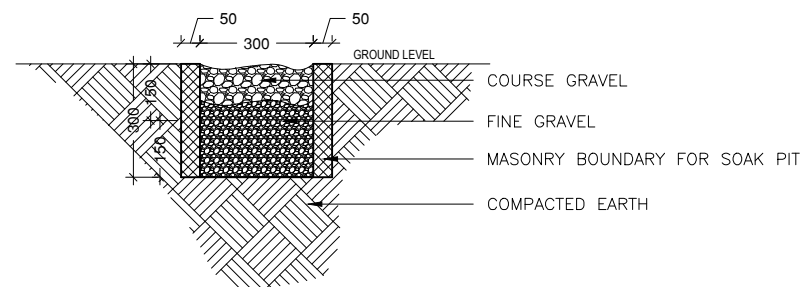
TRUSS 'T2'
SCALE 1:20



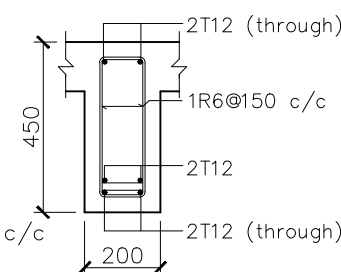
COLUMN 'C2'
SCALE 1:20



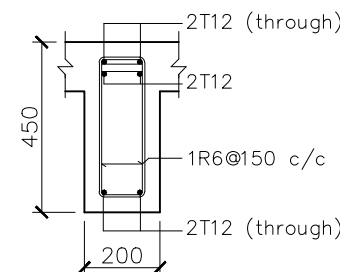
COLUMN 'C1'
SCALE 1:20



TYPICAL SOAKPIT DETAIL
SCALE 1:20

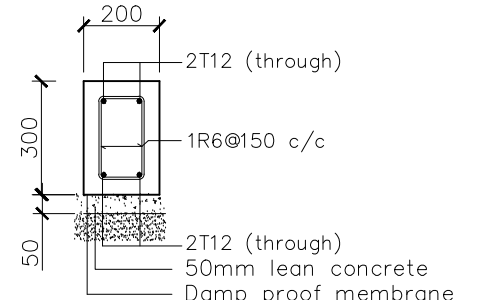


MID - SPAN

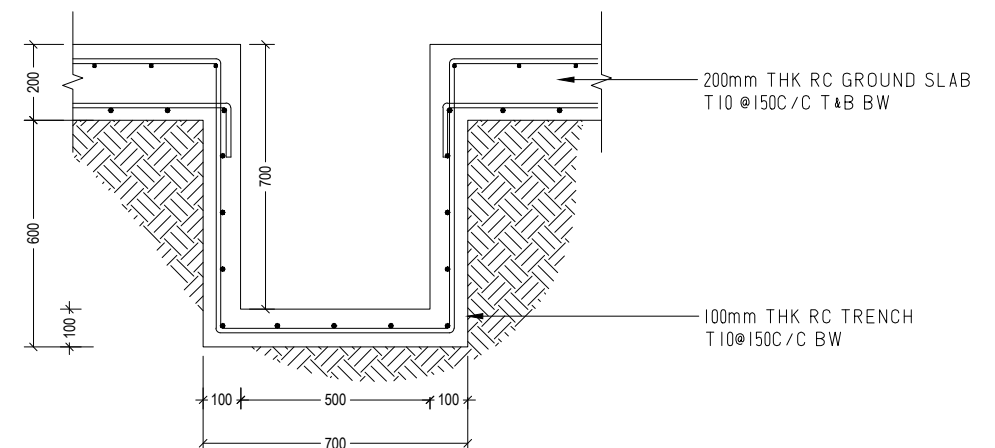


SUPPORT

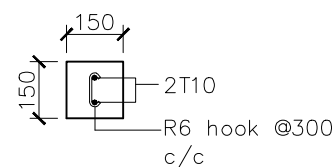
BEAM 'B1'
SCALE 1:20



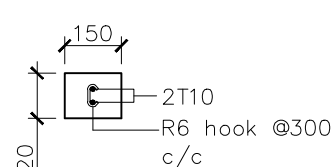
TIE BEAM
SCALE 1:20



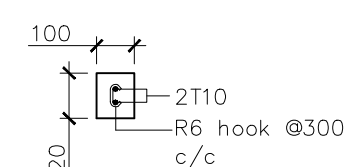
TRENCH DETAIL
SCALE 1:20



STIFFENER COLUMN
SCALE 1:20



CAPPING BEAM
SCALE 1:20

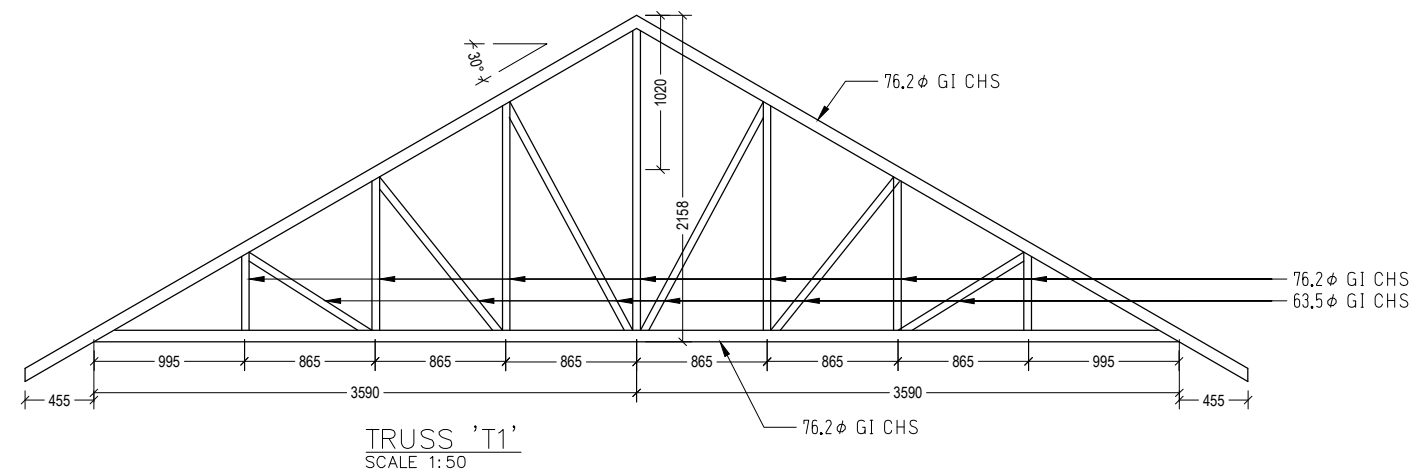


LINTEL BEAM / SILL
SCALE 1:20

RC NOTE

- All concrete element design conforms to BS8110.
- Minimum compressive strength of concrete to be 25 N/sqmm.
- Concrete mix ratio 1:2:3
- Main reinforcement steel to be high strength deformed bars.
- River sand and granite to be used as aggregates.
- Use water free of salt and any other impurities.
- All reinforcement shall be supported in its correct position when concreting by using spacers.
- Laps = 45 Ø , Bends at end support = 12 Ø (Ø = Bar diameter)
- Cover to reinforcement as given below unless noted otherwise
 - Footing = 50mm
 - Tie beams = 40mm
 - Floor beams = 40mm (top, bot), 40mm (sides)
 - Roof beams = 40mm (top, bot), 40mm (sides)
 - Column = 30mm
 - Slab = 25mm (top, bot)

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