

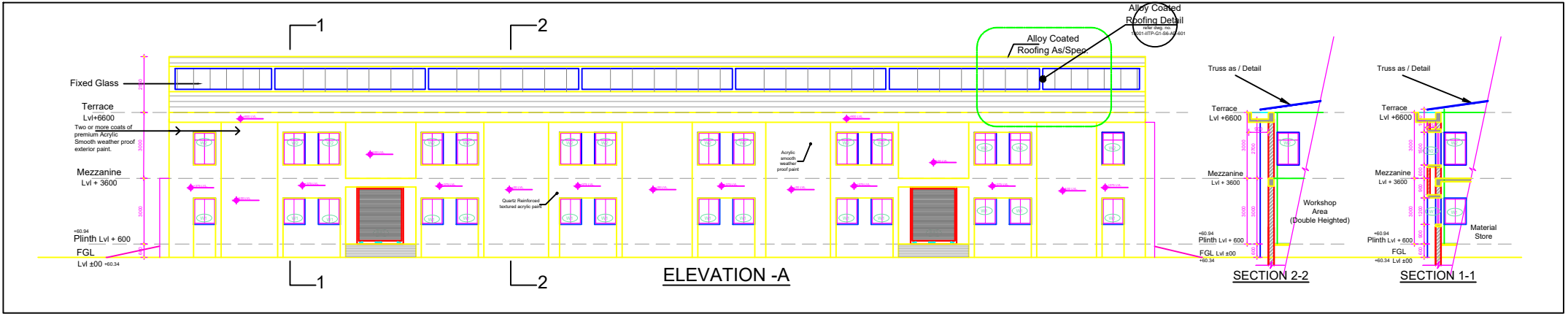
ROOF PLAN

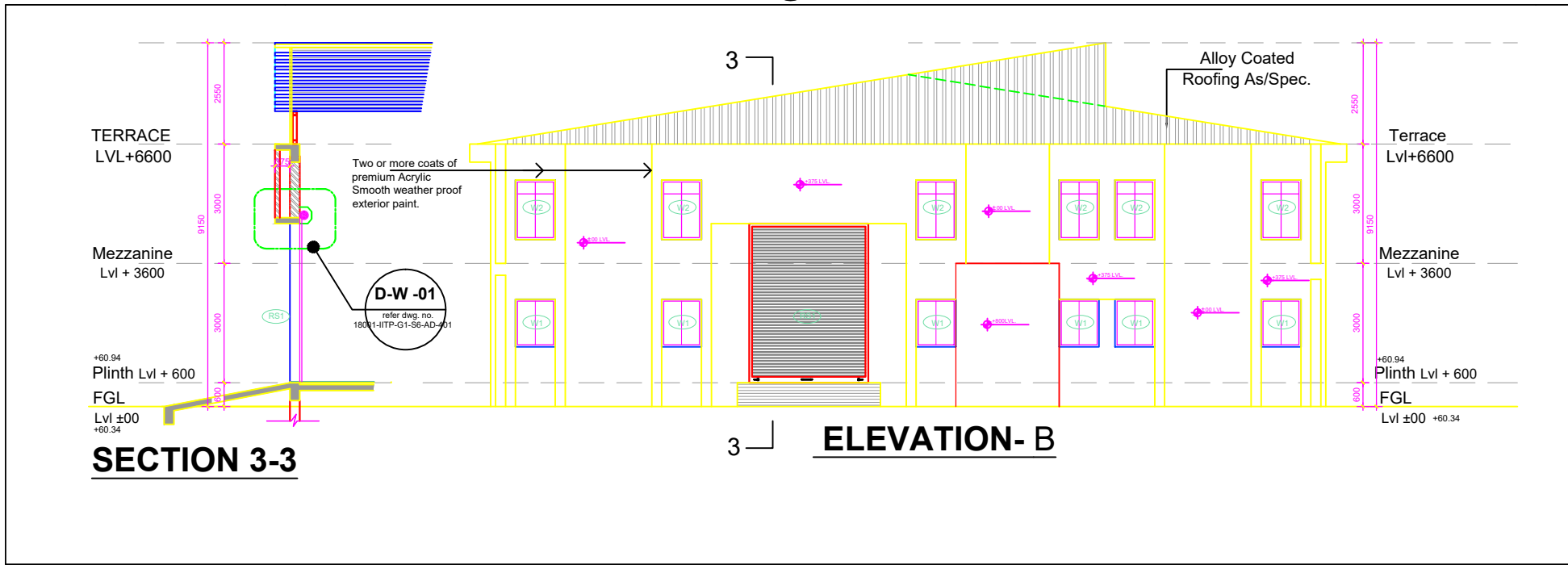
Metal Sheet
Detail
Refer SPP No.
1/001-ITP-G1-S&A-001

RCC Rain
Gutter

ROOF
EXTRACTORS

RCC Rain
Gutter





TERRACE
LVL+6600

Mezzanine
Lvl + 3600

+60.94
Plinth Lvl + 600

FGL
Lvl ±00
+60.34

SECTION 3-3

Two or more coats of
premium Acrylic
Smooth weather proof
exterior paint.

D-W-01
refer dwg. no.
18011-JITP-G1-S6-AD-01

Alloy Coated
Roofing As/Spec.

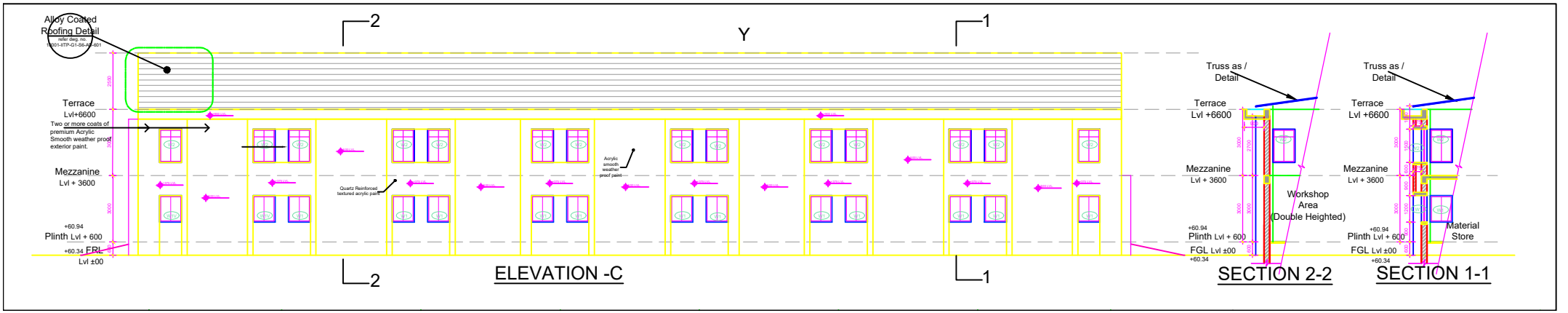
Terrace
Lvl+6600

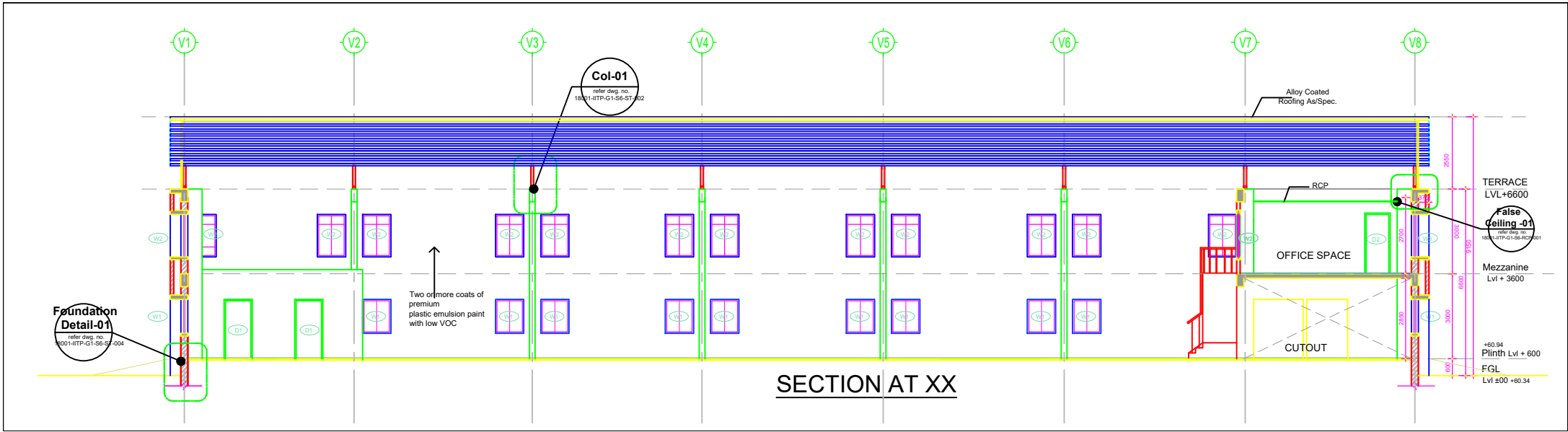
Mezzanine
Lvl + 3600

+60.94
Plinth Lvl + 600

FGL
Lvl ±00
+60.34

ELEVATION-B





Truss Detail -01

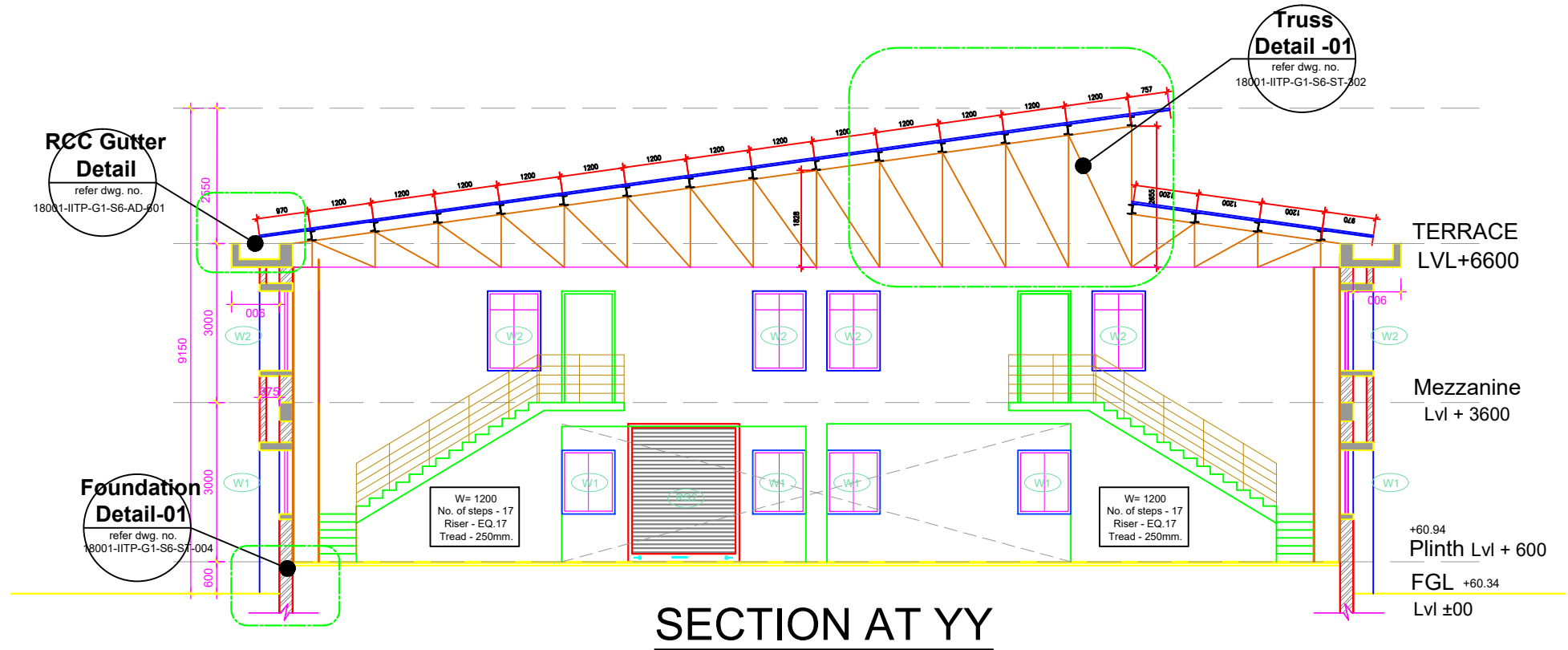
refer dwg. no.
18001-IITP-G1-S6-ST-302

RCC Gutter Detail

refer dwg. no.
18001-IITP-G1-S6-AD-301

Foundation Detail-01

refer dwg. no.
18001-IITP-G1-S6-S7-004



TERRACE
LVL+6600

Mezzanine
Lvl + 3600

+60.94
Plinth Lvl + 600

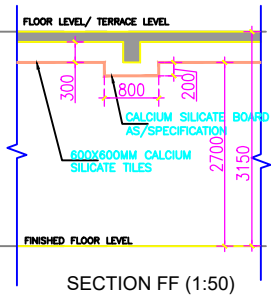
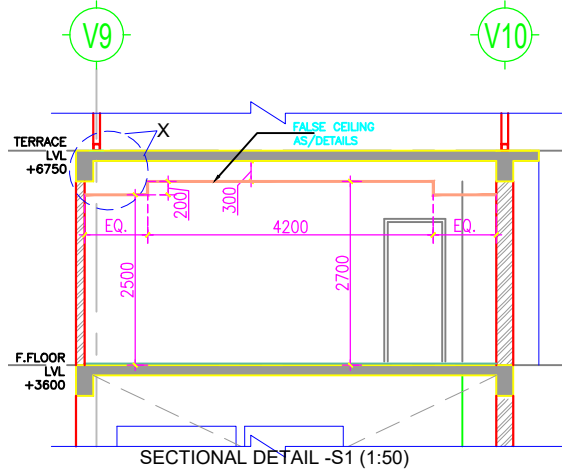
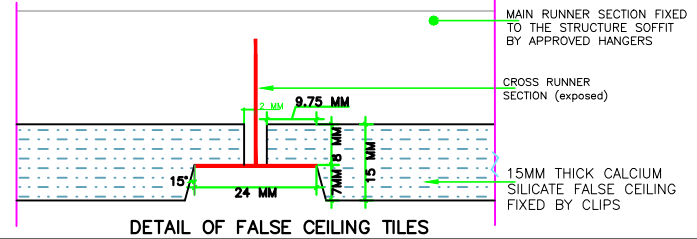
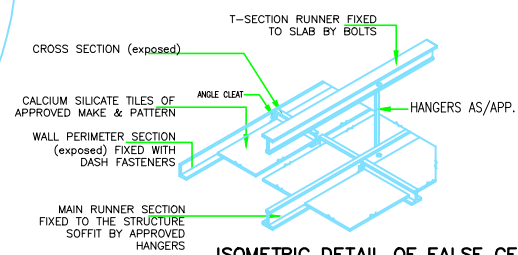
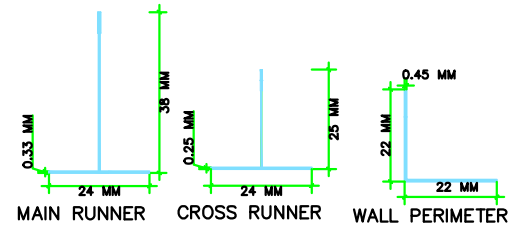
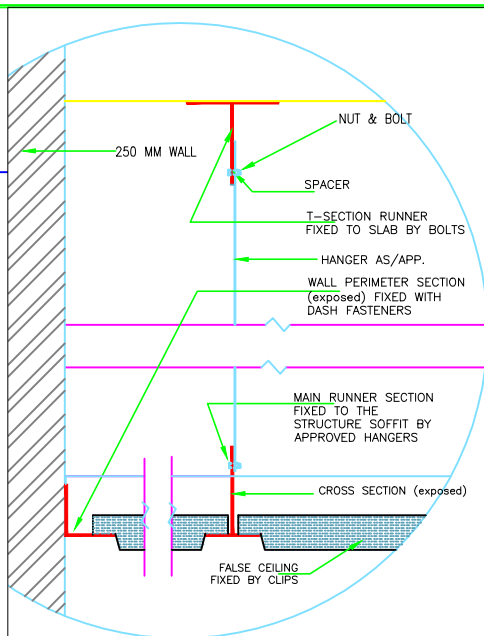
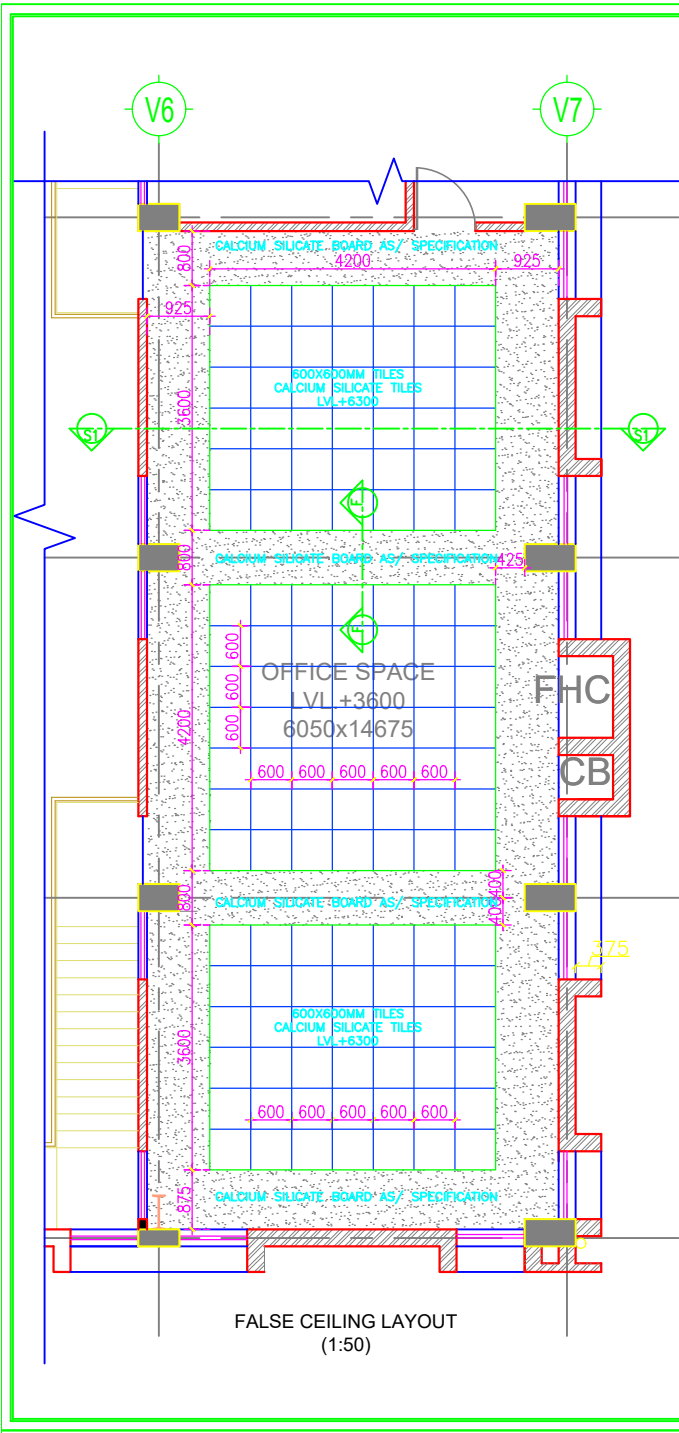
FGL +60.34

Lvl ±00

SECTION AT YY

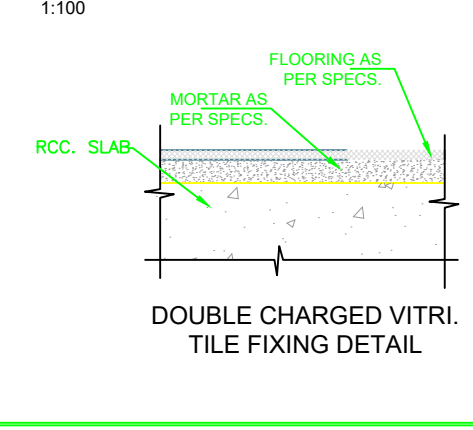
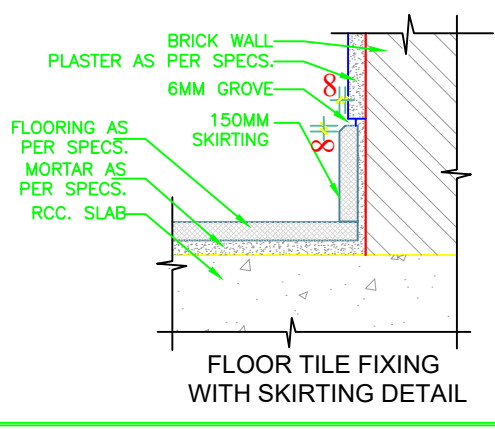
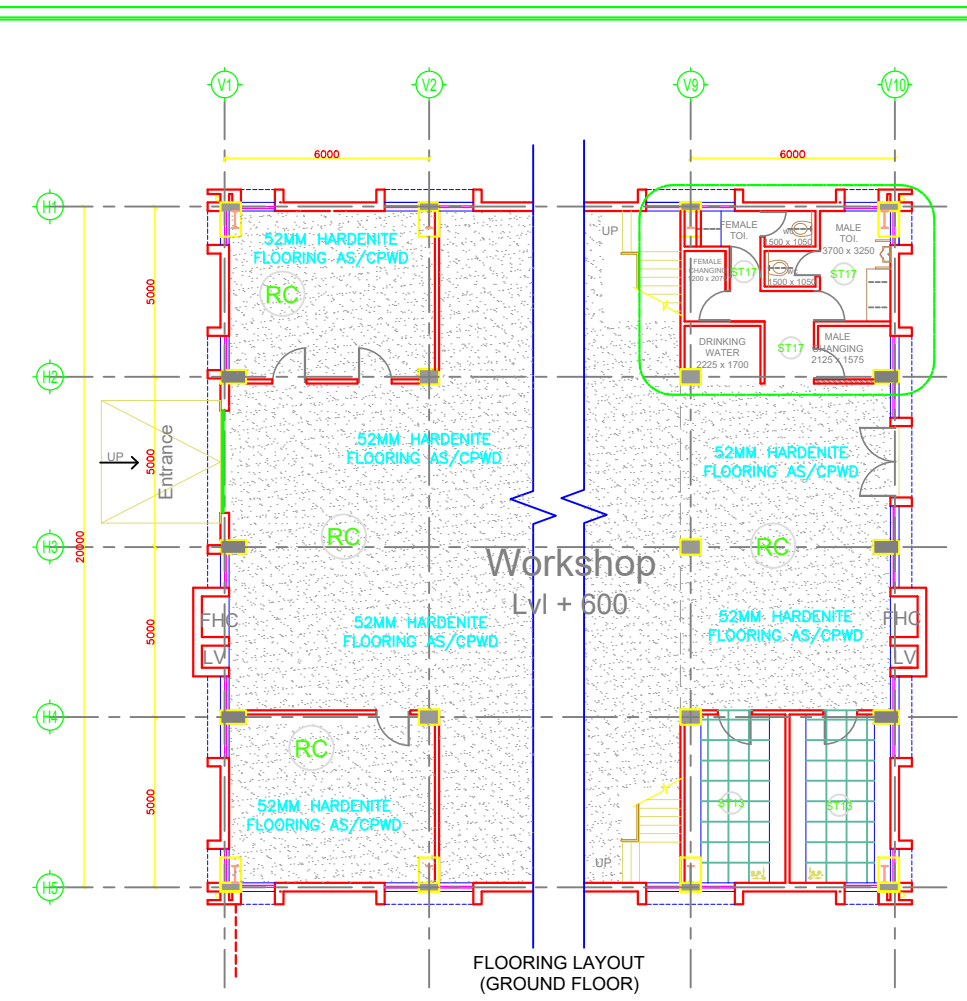
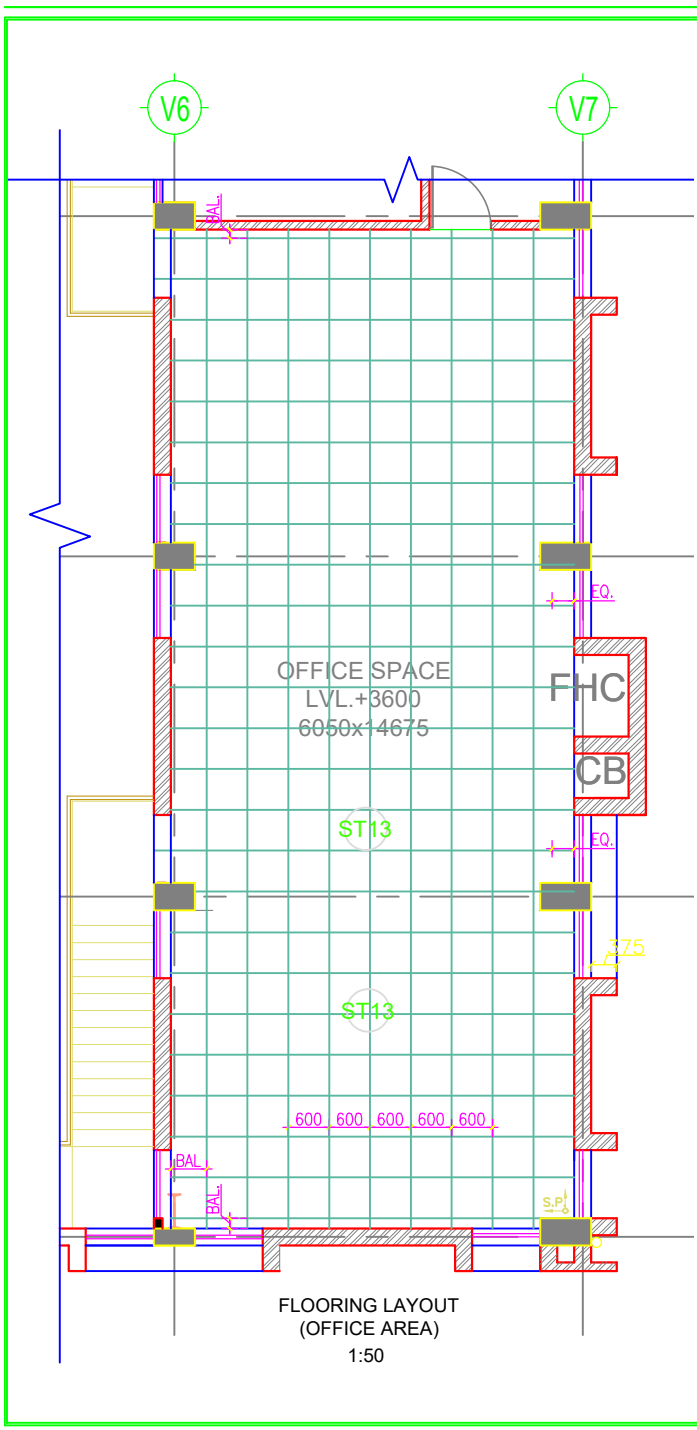
W= 1200
No. of steps - 17
Riser - EQ.17
Tread - 250mm.

W= 1200
No. of steps - 17
Riser - EQ.17
Tread - 250mm.



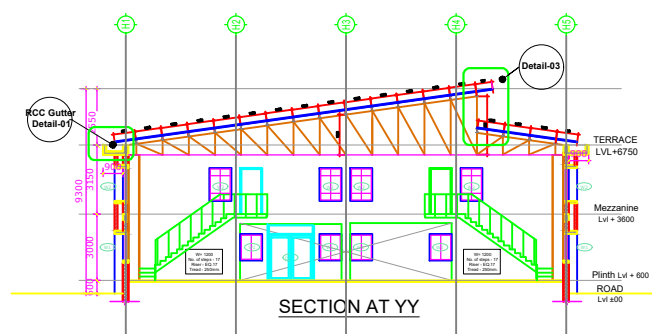
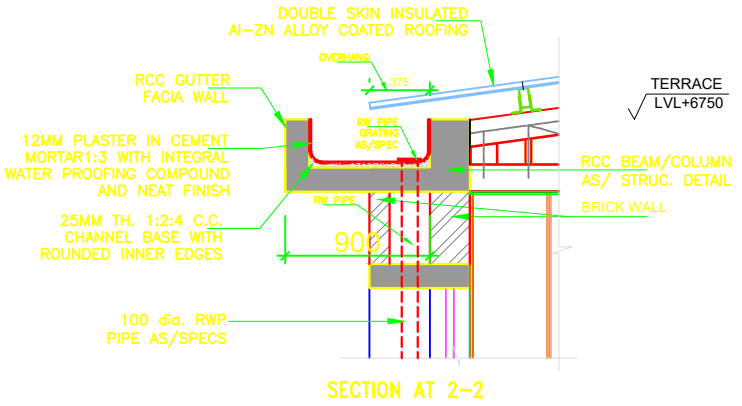
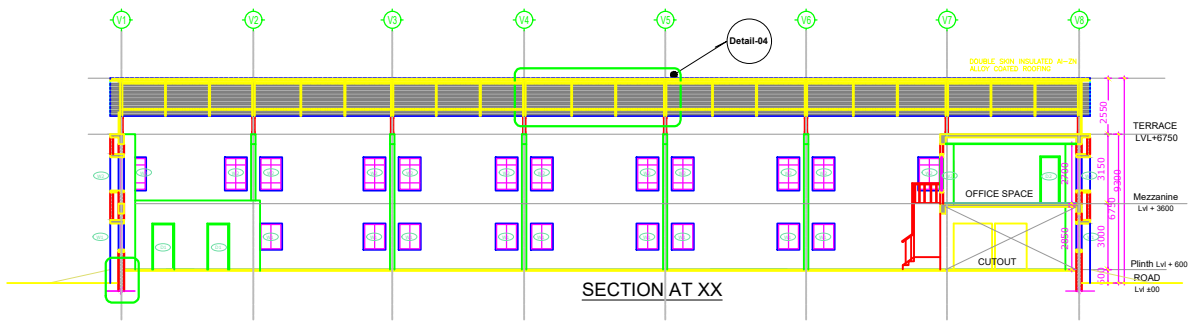
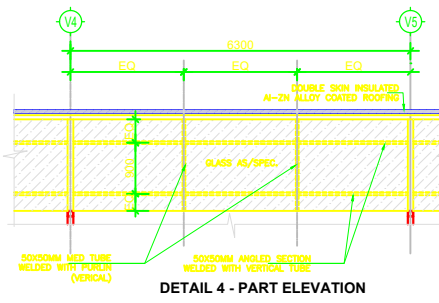
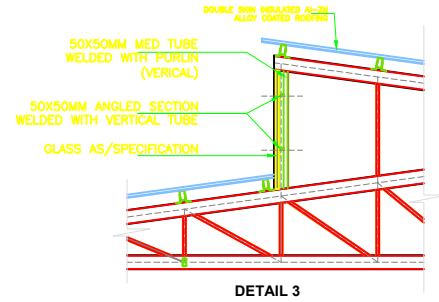
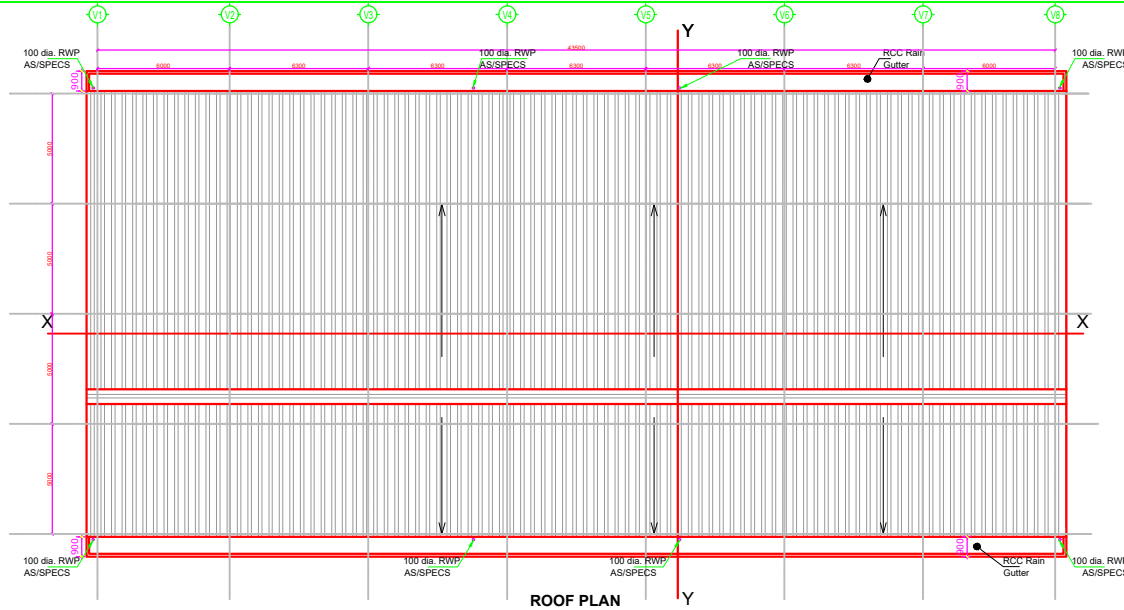
13 False ceiling:
 Fabricating to meet concrete forms. Making and use of all items to cover (BMC) cover shall be provided. Panel with 12 mm thick duralcol, regular rigid, etc. (provide full name of calcium silicate false ceiling tile) as approved under the approval number of the tile shall be provided. In factory process, concrete access, departmental license, etc. false ceiling in silhouette grid ceiling with 25mm/30mm sections. Make of approved make in pattern shall be provided. In factory false ceiling, ceiling process in silhouette grid ceiling with 25mm/30mm sections. Make of approved make in pattern shall be provided.

| | |
|----------------------|----------------|
| WORKSHOP | |
| DRAWING TITLE | |
| FALSE CEILING DETAIL | |
| SHEET SIZE : A1 | SCALE : N.T.S. |



| 5. FLOORING: | | |
|--------------|----------|---|
| 4.1 | Flooring | <p>(1) All rooms will be provided with double charge vitrified floor tiles of size 600x600mm, laid with adhesive and with spacers, grout filled with epoxy grout.</p> <p>(2) Corridor & staircase areas (except floorings shown above) shall be per the approved design pattern with dust/sanding up to 1800mm height (single charge) with matching color tiles.</p> <p>(3) Tiles/Slabs - Anti-slip surface floor tiles of size 600x600mm, laid with adhesive and with spacers, grout filled with epoxy grout as per the approved design.</p> <p>Specifications for materials of flooring will be given in the flooring, wall, skirting, and panels. L&M shall be revised and 2000 to comply.</p> |
| 4.2 | Slabing | |

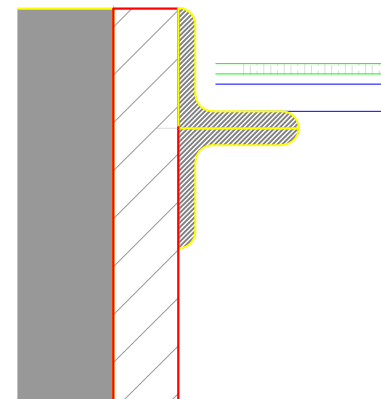
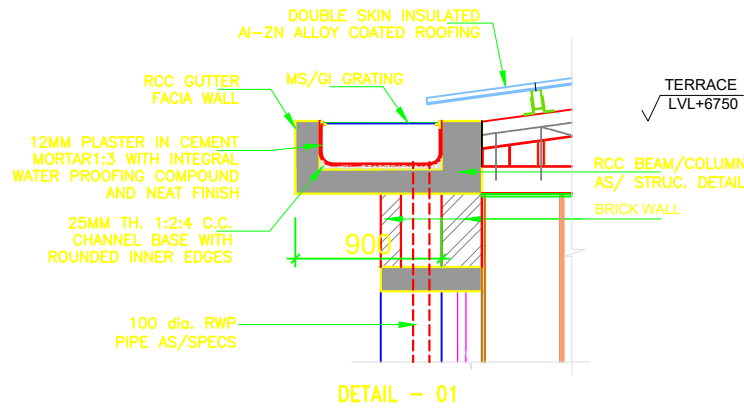
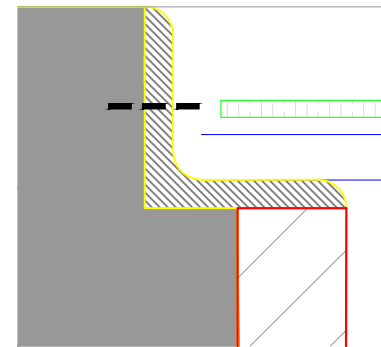
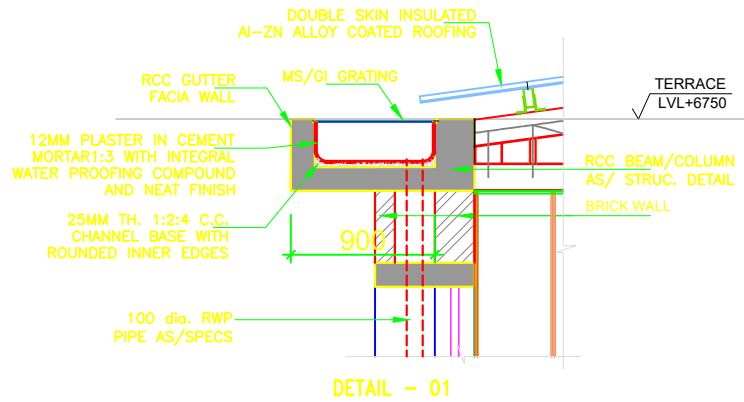
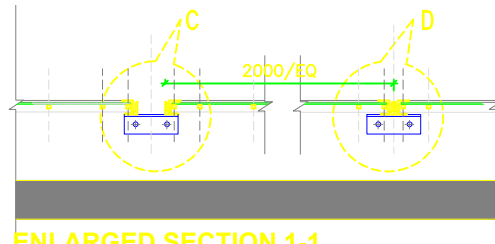
| | | |
|--|------|--|
| | ST13 | 600 x 600 DOUBLE CHARGED VITRIFIED TILES |
| | RC | REINFORCED CONCRETE |
| | ST14 | GRANITE 18MM. THICK |

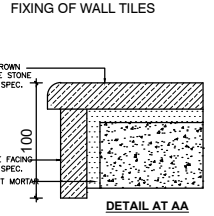
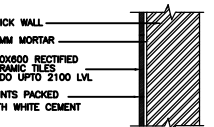
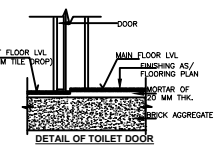
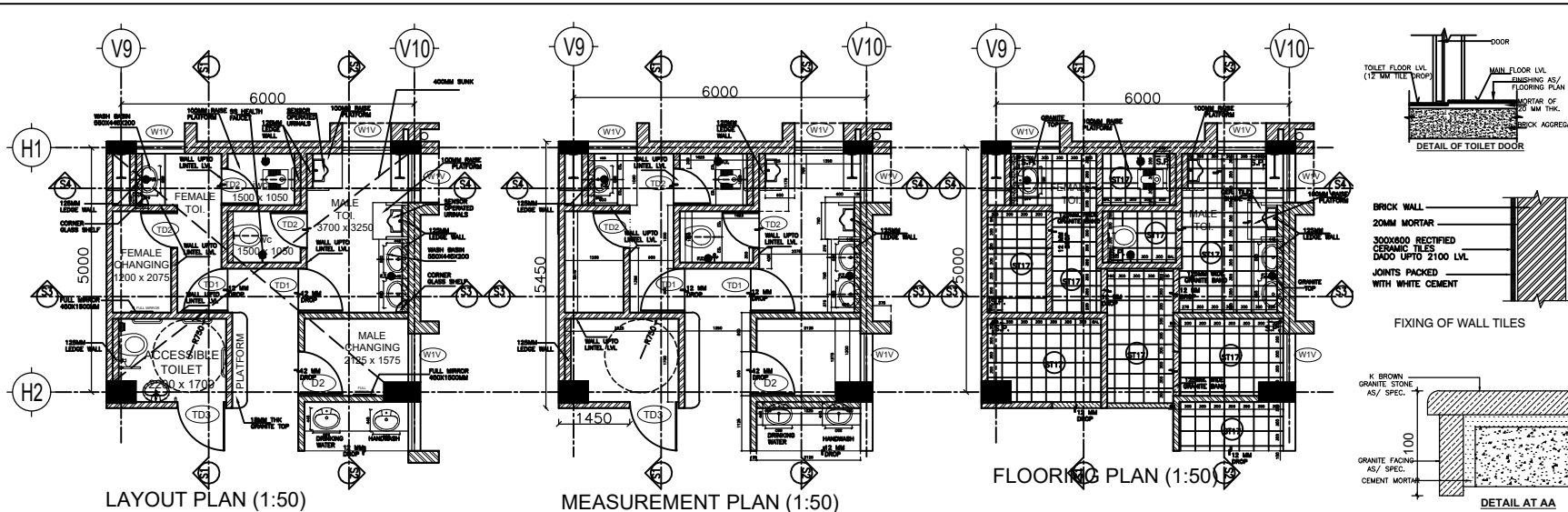


11. Roof sheeting- Double Skin Insulated Al-Zn alloy coated Roofing (concealed fastening system) of specifications same as given in table under Auditorium.

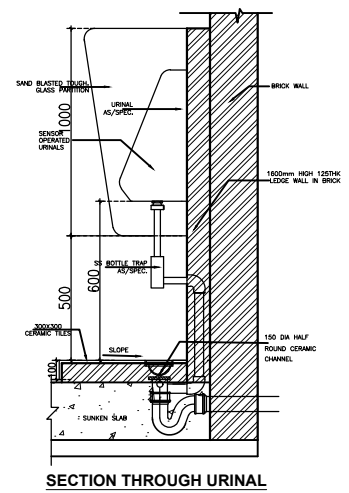
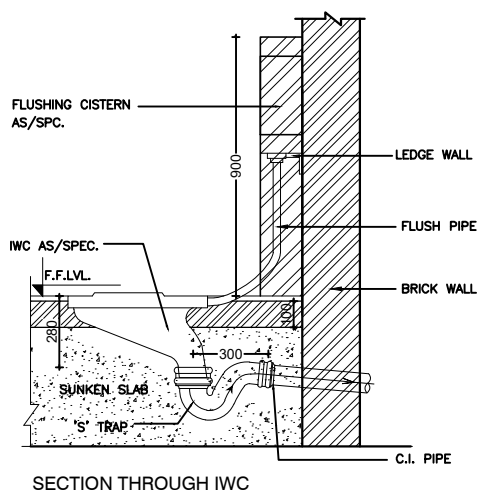
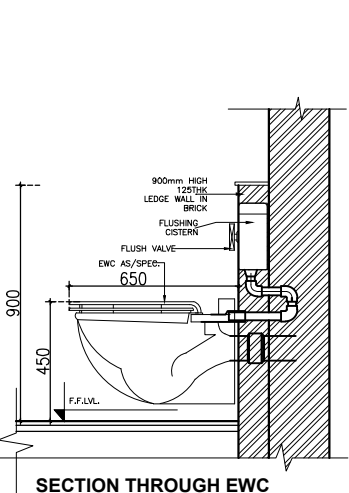
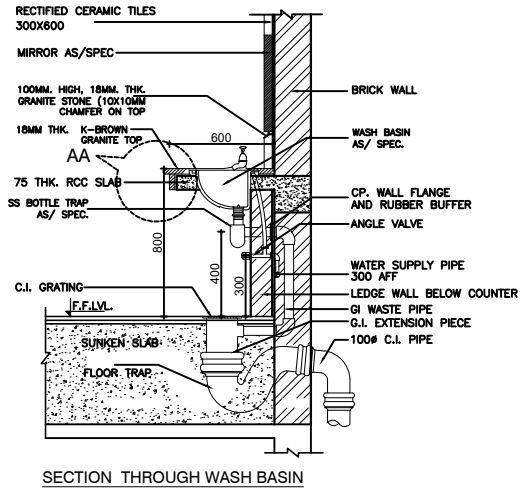
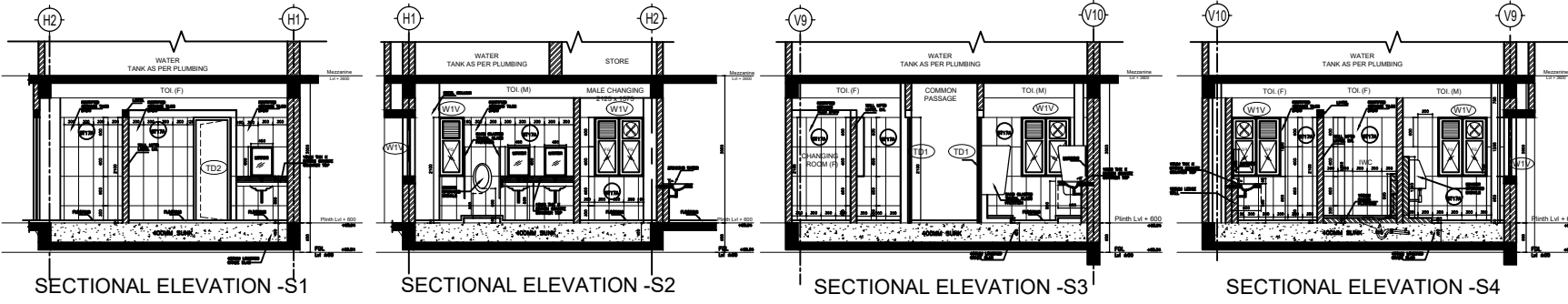
| S. | ROOFING | DESCRIPTION |
|-----|----------------|--|
| 11. | Roof sheeting | The Roof system of the main auditorium portion shall be Floor system as composite slab of RCC and metal deck (E-Deck or Formdeck) supported on structural steel girders and beams and steel truss. Benefits of Composite Slab Slab depth required to achieve a fire rating as per NBC Norms. Through stiffeners should be positioned to ensure cost of steel position, along with the floor system shall be designed and provided suitable for large column-less structure. |
| | Roof Sheetting | a) Double skin insulated roofing system in colour coated galvalume using standard concealed fastening system. Material composition of following layers -> i) Inner sheet profile shall have two crests (spaced @ 50 mm clear span distance) to each other, each of depth of 22.7 mm, 250 x 50 mm c/c effective pitch and covered width 1020 ± 40 mm. The end crests shall have anti-curling groove to avoid any ingress of water through the side lap minimum joints of 25mm c/c in 150mm TCI colour coated galvalume, AE 150, in minimum 242 MPa YS. The sheets shall be fixed on to the main purlins with CPEE screws with EPDM washers conforming to IS 3566 class 3 specifications. ii) Vapor Coated layer over foam sheets. To prevent condensation occurring due to variance in temperature. c) Sds girt to be fixed in between two sheets to support the outer sheets on which the clips shall be fixed. d) Two layers of each 50mm thick insulation to be laid in between the inner and outer sheets to protect the building from the external heat transferring inside the building. e) Outer sheets shall be concealed fastening system made out of 0.50mm TCI galvalume, AE 150, in min. 242 MPa YS with specially formulated joint systems. The sheets shall be fixed on the special clips designed to take care of thermal movement. The price shall include all cost towards labor, material handling, transport, lift charges, extra charges, etc. No separate payment shall be made on any account whatsoever. The value of the sheets shall be finalized by Engineer-in-Charge on submission of colour samples. |

| BUILDING TYPE | |
|--|--|
| WORKSHOP | |
| DRAWING TITLE | |
| TYPICAL ALLOY COATED ROOFING AND RCC GUTTER DETAIL | |

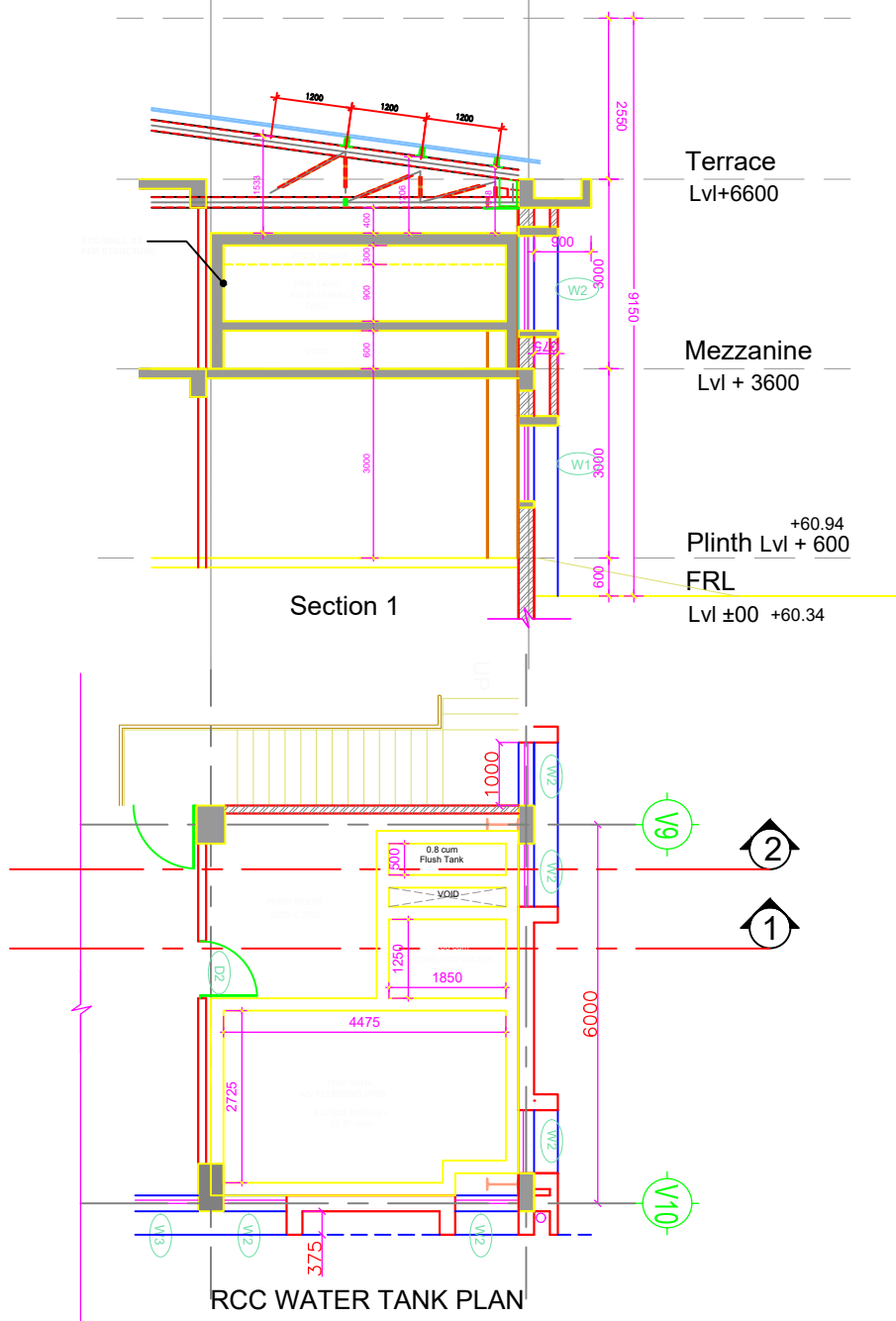




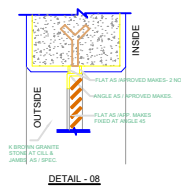
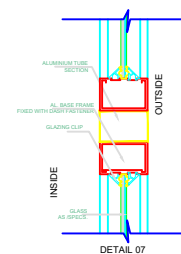
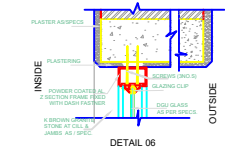
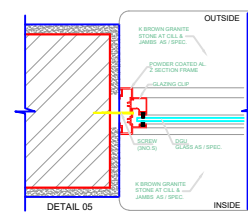
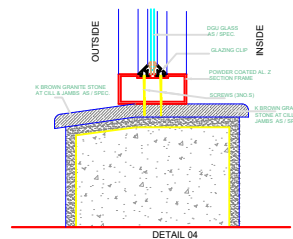
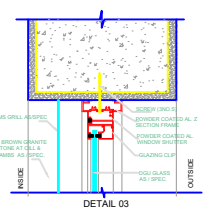
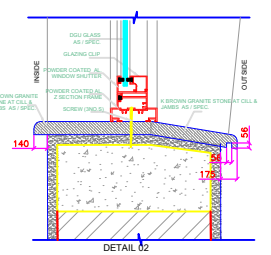
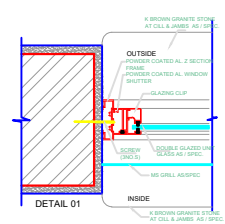
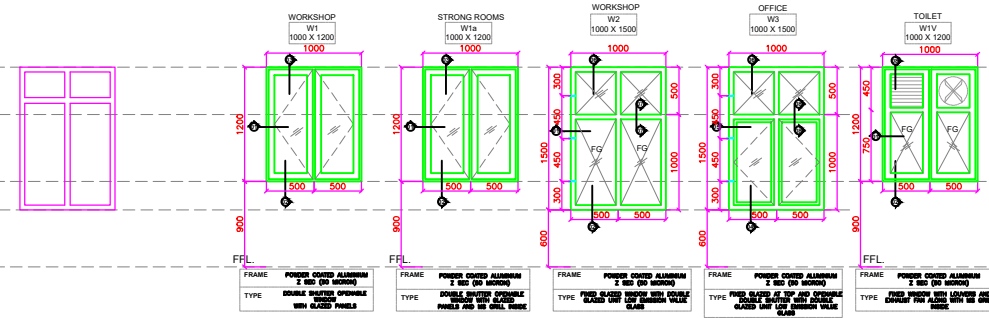
| GENERAL NOTES | |
|---|---|
| 1. FLOORING | <p>1) All recesses shall be provided with double channel profiles. These shall be fixed with adhesive and shall be grouted with concrete. Consider in staircase areas concrete flooring frame shall be per the approved design. It pattern with double channel up to 100mm above height (embed into) with concrete frame applied.</p> <p>2) Tiles/Joints - Applied ceramic floor tiles of size 300x300 mm shall with adhesive and white grout. grout floor with epoxy resin as per CPWD specifications 2010.</p> <p>3) Tiles - Applied/Embed channel profiled concrete tiles of size and from that 600x600 mm up to 2100 mm height.</p> |
| 2. INTERNAL SANITARY WATER SUPPLY INSTALLATIONS | <p>1) Provide approved DWV with correct layout given in notes of size and PVC to rest of PVC valvules with wall hung flushing cistern as per architectural drawing and as per CPWD specifications 2010.</p> <p>2) Sanitary ware shall be of standard size and shall be made of vitreous china. The sanitary ware shall be provided with cast stainless steel glass partitions fixed with cast stainless steel.</p> |
| 3. W.C. Fix | <p>1) W.C. Fix shall be provided in all W.C. rooms. The W.C. Fix shall be provided in all W.C. rooms. The W.C. Fix shall be provided in all W.C. rooms. The W.C. Fix shall be provided in all W.C. rooms.</p> |
| 4. Health floor | <p>1) Health floor shall be provided in all W.C. rooms. The health floor shall be provided in all W.C. rooms. The health floor shall be provided in all W.C. rooms.</p> |
| 5. Mirror | <p>1) Mirror shall be provided in all W.C. rooms. The mirror shall be provided in all W.C. rooms. The mirror shall be provided in all W.C. rooms.</p> |

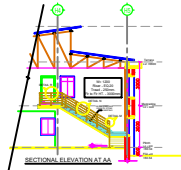
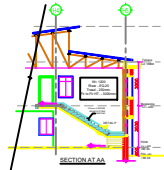
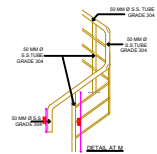
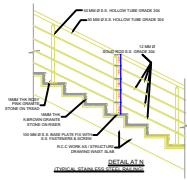
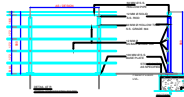


TYPICAL RCC WATER TANK DETAIL

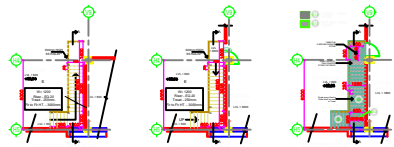
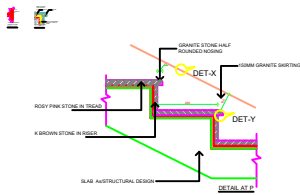


| RCC Tank | L (m) | B (m) | H (m) | cu (m) | Vol (L) | Reqd. (L) | Deviation (L) |
|---------------|-------|-------|-------|--------|---------|-----------|---------------|
| Fire Tank | 4.475 | 2.725 | 0.9 | 11.00 | 11000 | 10000 | + 100 |
| Domestic Tank | 1.85 | 1.25 | 0.9 | 2.00 | 2000 | 1500 | + 500 |
| Flushing Tank | 1.85 | 0.5 | 0.9 | 0.80 | 800 | 750 | + 50 |

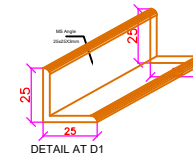
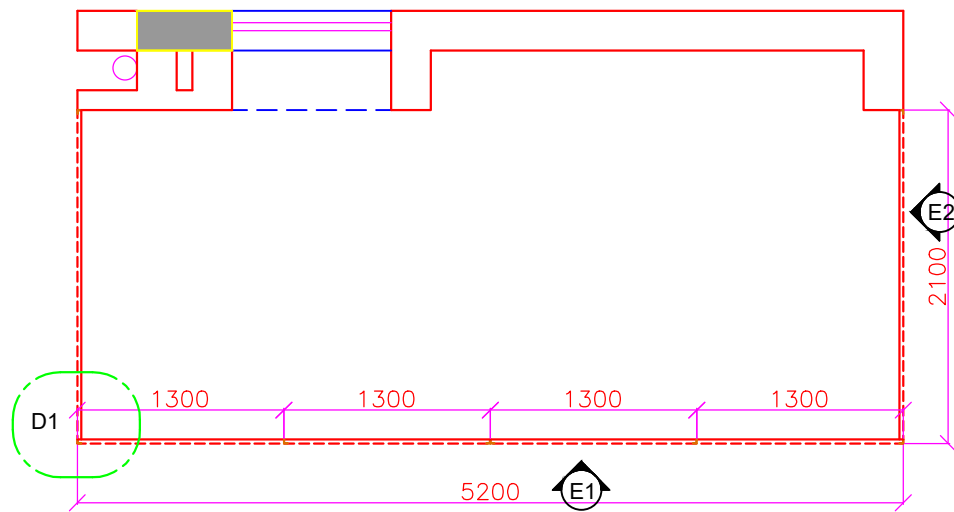




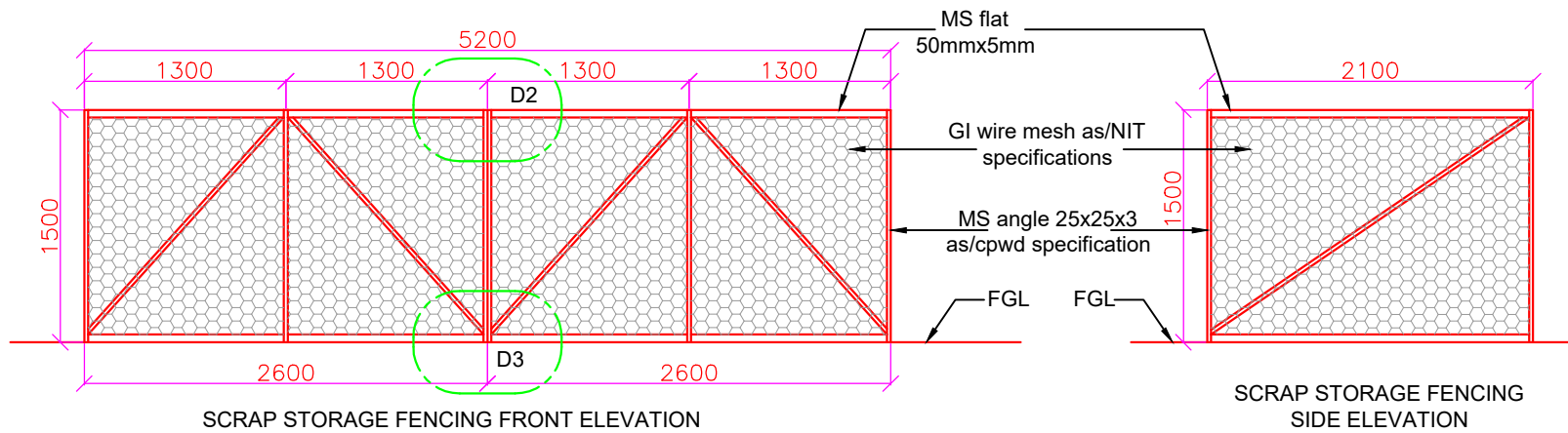
1/2" = 1/8" (Horizontal) 1/4" = 1/8" (Vertical)



| FINISHING | |
|-----------|------|
| [Pattern] | ST1 |
| [Pattern] | ST2 |
| [Pattern] | ST3 |
| [Pattern] | ST4 |
| [Pattern] | ST5 |
| [Pattern] | ST6 |
| [Pattern] | ST7 |
| [Pattern] | ST8 |
| [Pattern] | ST9 |
| [Pattern] | ST10 |
| [Pattern] | ST11 |
| [Pattern] | ST12 |
| [Pattern] | ST13 |
| [Pattern] | ST14 |
| [Pattern] | ST15 |
| [Pattern] | ST16 |
| [Pattern] | ST17 |
| [Pattern] | ST18 |
| [Pattern] | ST20 |
| [Pattern] | CO |
| [Pattern] | ST22 |
| [Pattern] | ST23 |
| [Pattern] | ST24 |
| [Pattern] | ST25 |



SCRAP STORAGE WITH FENCE PLAN



| DOORS-WINDOWS SCHEDULE | | | | | |
|--------------------------|------|------------------|------------|--------------|---|
| SL NO. | TYPE | MASONARY OPENING | CILL (MM.) | LINTEL (MM.) | DESCRIPTION |
| SCHEDULE OF DOORS | | | | | |
| 1 | TD1 | 900 X 2100 | - | 2100 | UPVC FRAME WITH UPVC FLUSH DOOR SHUTTER |
| 2 | TD2 | 750 X 2100 | - | 2100 | UPVC FRAME WITH UPVC FLUSH DOOR SHUTTER |
| 3 | TD3 | 1000 X 2100 | - | 2100 | UPVC FRAME WITH UPVC FLUSH DOOR SHUTTER |
| 4 | D1 | 1000 X 2100 | - | 2100 | ALUMINUM FRAME WITH FACTORY MADE FLUSH DOOR SHUTTER |
| 5 | D2 | 900 X 2100 | - | 2100 | ALUMINUM FRAME WITH FACTORY MADE FLUSH DOOR SHUTTER |
| 6 | D3 | 1000 X 2100 | | 2100 | ALUMINUM FRAME WITH ALUMINUM GLAZED SHUTTER WITH ETCHING FILM. |
| 7 | RS1 | 3000 X 4000 | - | 4000 | ROLLING SHUTTER AS PER APPROVED MAKE AND SPECIFICATIONS |
| 8 | RS2 | 2100 X 2600 | - | 2600 | ROLLING SHUTTER AS PER APPROVED MAKE AND SPECIFICATIONS |
| SCHEDULE OF DOORS | | | | | |
| 1 | W1 | 1000 X 1200 | 900 | 2100 | ALUMINIUM Z SECTION FRAME WITH PARTLY FIXED PARTLY OPERABLE SHUTTER |
| 2 | W1a | 1000 X 1200 | 900 | 2100 | ALUMINIUM Z SECTION FRAME WITH PARTLY FIXED PARTLY OPERABLE SHUTTER WITH MS GRILL |
| 3 | W1V | 1000 X 1200 | 900 | 2100 | ALUMINIUM Z SECTION FRAME WITH PARTLY FIXED PARTLY OPERABLE SHUTTER |
| 4 | W2 | 1000 X 1500 | 3600 | 5100 | |
| 5 | W3 | 1000 X 1500 | 600 | 2100 | |