NIT No. IITH/CMD/CIV/NIT/2026-27/14

भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Volume - 5

ARCHITECTURAL & STRUCTURAL DRAWINGS

Name of the work: Construction of Director's Residence cum Integrated Office Ancillary Buildings including Boundary wall at IIT Hyderabad, Kandi, Sangareddy.

Executive Engineer (Civil)
IIT Hyderabad

INDEX

Sl. No.	Description	Page No
1	**Volume -01:** Notice Inviting Tender and Special Conditions of Contract	1-162
2	**Volume -02 (a):** Schedule of Sub-Heads (Financial Bids)	163
3	**Volume -02 (b):** Payment Schedule (Sub-head wise %break-up/Annexure to Financial Bid)	164-190
4	**Volume -03:** Technical Specifications - Civil Works	191-278
5	**Volume -04:** Scope of work and Technical Specifications for Electrical & Mechanical (E&M) Components	279-555
6	**Volume -05:** Architectural and Structural Drawings	556-679
7	**Volume -06:** General Conditions of Contract for EPC Projects	680-799

VOLUME-05

INDEX

Sl. No.	Description	Page No.
1	Architectural Drawings	556-584
2	Structural Drawings	585-606
3	PHE & Tap off Point Drawings	607-615
4	Finishes Drawings	616-643
5	Detailed Engineering drawings for all Electrical, Mechanical, ICT & External Services	644-679

Sub-head (a)

ARCHITECTURAL DRAWINGS

TREE PLANTING LIST

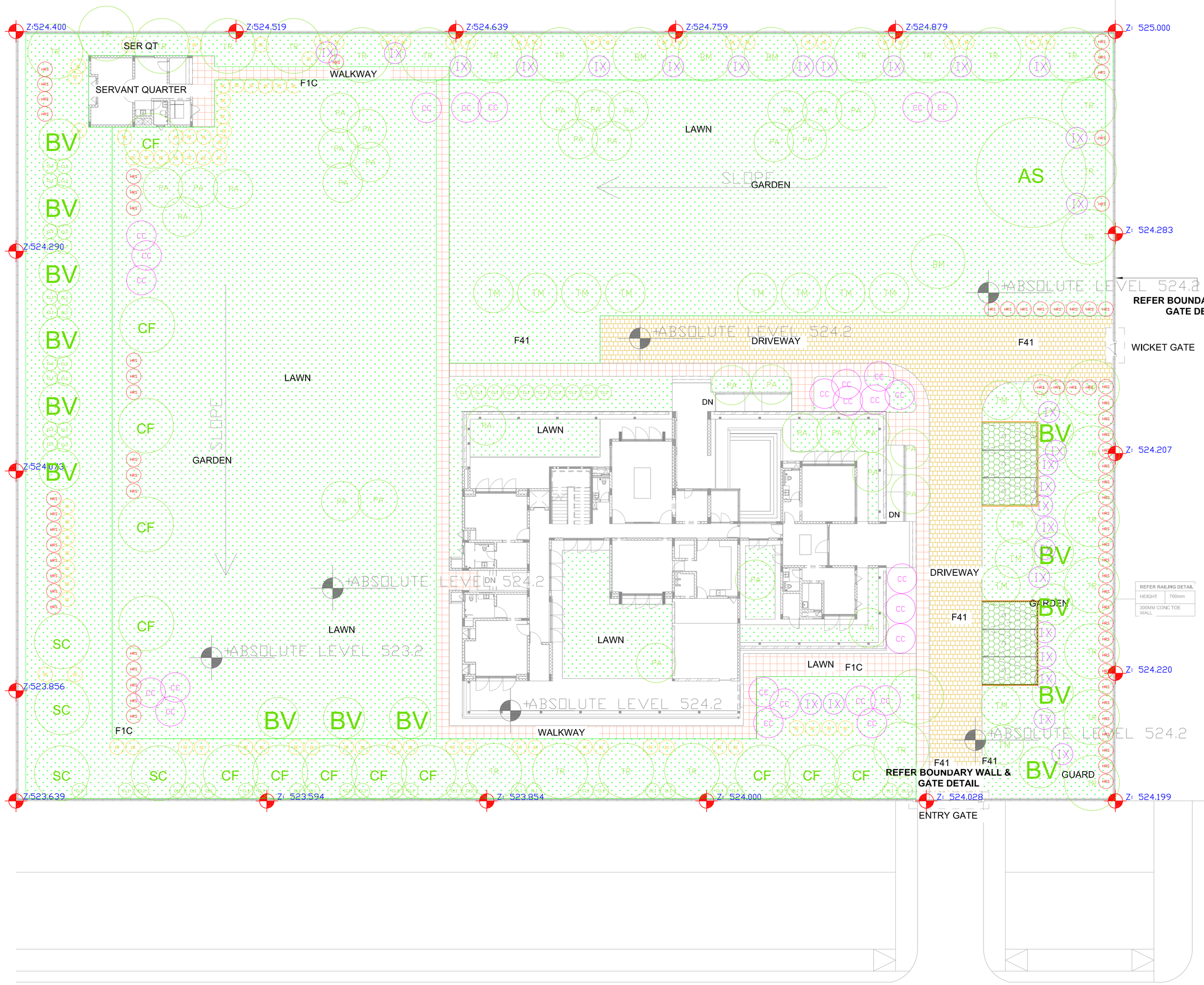
KEY	BOTANICAL NAME	SPECS.
TR	TABEBUIA ROSEA	Procurement @ 3 M HIGH Planting 6m c/c
PA	PLUMERIA ALBA	Procurement @ 2 M HIGH Planting 2m c/c
TM	TERMINALIA MENTALY	Procurement @ 3 M HIGH Planting 6m c/c
BV	BAUHINIA VARIEGATA (KACHNAR)	Procurement @ 3 M HIGH Planting 6m c/c
AS	ALBIZIA SAMAN (RAIN TREE)	Procurement @ 5 M HIGH Solo
SC	SYZYGIUM CUMINI (JAMUN)	Procurement @ 3 M HIGH Planting 6m c/c
CF	CASSIA FISTULA (AMALTAS)	Procurement @ 3 M HIGH Planting 4.5 m c/c
BM	BUTEA MONO SPERMA FLAME OF THE FOREST	Procurement @ 3 M HIGH Planting 4.5 m c/c

SHRUB PLANTING LIST

IX	IXORA COCCINNEA	0.6 M High @ 0.25M c/c
CC	CALLIESTEMON CITRINUS BOTTLEBRUSH	0.6 M High @ 0.25M c/c
CLI	CLERODENDRUM INERME (GLORY BOWER)	1 M High @ 0.25M c/c
DC	DURANTA ERECTA (GOLDEN DEWDROP)	0.6 M High @ 0.25M c/c
HRS	HIBISCUS ROSA-SINENSIS	1 M High @ 0.25M c/c
	LAWN GRASS AND GROUND COVER	

EXTERNAL FLOORING

	FLOORING CODE F1C
	FLOORING CODE F41
	FLOORING GRASS PAVER IN PARKING
	CONCRETE EDGE BAND



NOTE: The final location of plantation to coordinated with the External Lights on ground.

1 00_SITE PLAN
1 : 200

ABSOLUTE LEVEL :- NOTE ; REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES
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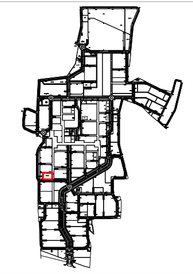
- Shuttering elevation shop drawing to reflect tie rod locations, tie nuts should be equally spaced and aligned according to the shuttering pattern, consider tie rod pvc dia ¥ 19mm and pvc cone dia¥26mm

KEY PLAN



NOTE:
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- SKIRTING TO BE CONSIDERED AS PER FINISHING SCHEDULE

HATCH LEGEND

	EXPOSED CONCRETE
	NON EXPOSED CONCRETE
	CONCRETE BLOCK WORK
	AAC BLOCK WORK
	TERRACOTTA BRICK WALL
	100 MM SUNK
	600 MM SUNK
	750 MM SUNK
	900 MM SUNK
	350 MM SUNK
	1650 MM FILLING

STAMP

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER.

CLIENTS :
INDIAN INSTITUTE OF TECHNOLOGY (IIT) HYDERABAD
Permanent Campus+ Project Office,
Kandi,V.Rage, Sangareddy+ Mandal
Medak District, Andhra Pradesh +502285

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT.LTD
A-115,Panipath Enclave, G.K 1
New Delhi 110048
Phone : 011-2642959

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
SYSCAFAST STRUCTURAL CONSULTANTS, HYDERABAD +91 91111 91199

MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

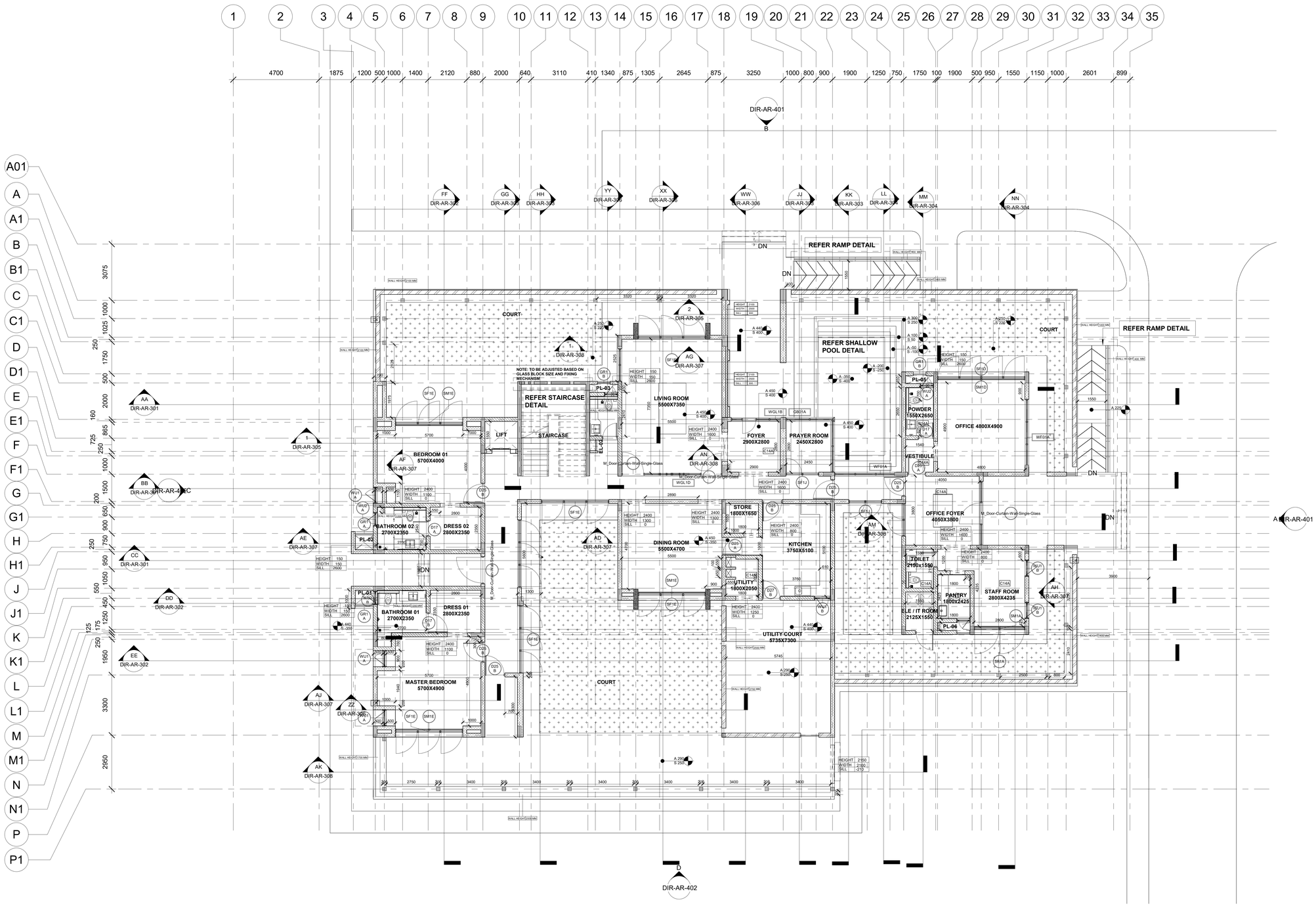
Job Title
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
SITE PLAN

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

Job No. 2025/05	NORTH
Scale 1 : 200	
15 SEPT 2025	Drawing No. DIR-AR-120
Drawn by ASB	
Checked by SS	Revision No. R0

AUTHORITY :



1 01_GROUND FLOOR PLAN

1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

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Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
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A-15,Panchsheel Enclave, S.K.T.
New Delhi-110048
Phone : 011-26442050

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MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

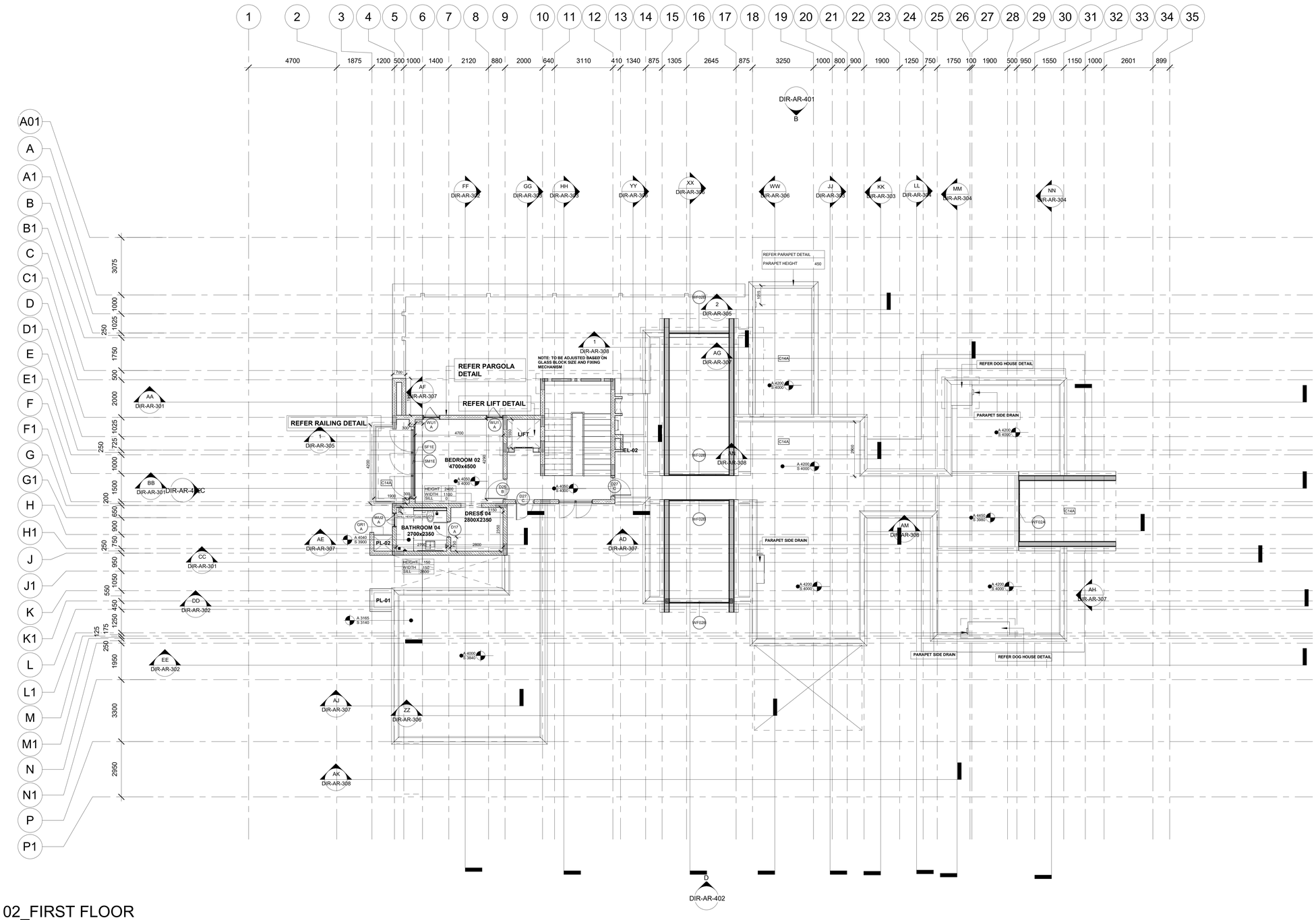
Architect's Signature | Client's Signature

Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
GROUND FLOOR PLAN

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

Job No. **2025/05**	NORTH **N**
Scale 1 : 100	
15 SEPT 2025	Drawing No. **DIR-AR-201**
Drawn by ASB	
Checked by SS	Revision No. R0
AUTHORITY :	



1 02_FIRST FLOOR

1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

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	100 MM SUNK
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Medak District, Andhra Pradesh – 502285

CAMPUS DESIGNER:
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A-15,Panchsheel Enclave, S.K.T
New Delhi-110048
Phone : 011-26442050

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STRUCTURE CONSULTANTS:
STRAPAST STRUCTURAL CONSULTANTS, HYDERABAD +91 9701787186
MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

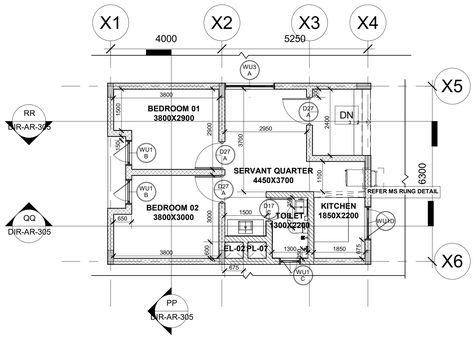
Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
FIRST FLOOR PLAN

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

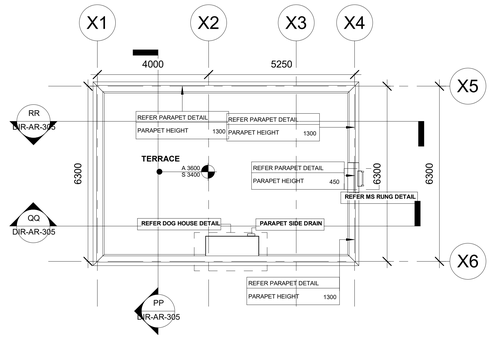
Job No. 2025/05	NORTH N
Scale 1 : 100	
15 SEPT 2025	Drawing No. DIR-AR-202
Drawn by ASB	
Checked by SS	Revision No. R0

AUTHORITY :



A 01_GROUND FLOOR - SQ

1 : 100



E 01A_GH TERRACE - SQ

1 : 100

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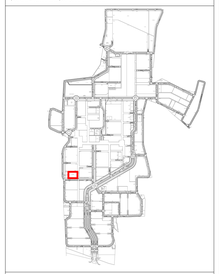

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MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

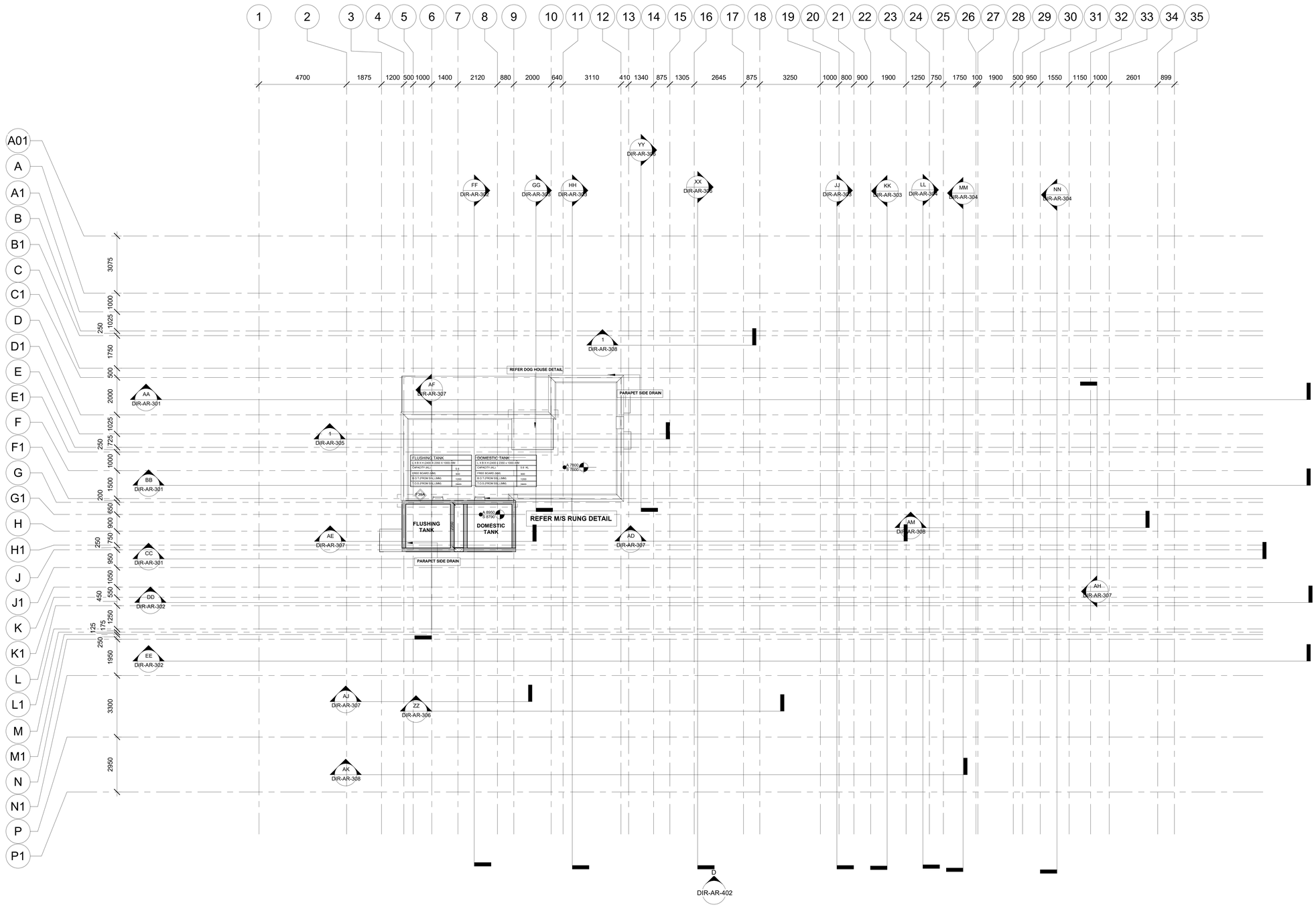
Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
SERVANT QUARTER PLANS

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

Job No. **2025/05**	NORTH
Scale 1 : 100	
15 SEPT 2025	Drawing No. **DIR-AR-201A & 202A**
Drawn by ASB	
Checked by SS	Revision No. R0

AUTHORITY :



1 03_TERRACE
1 : 100

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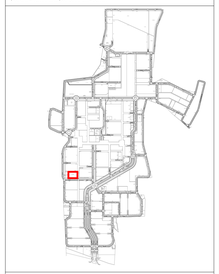

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MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

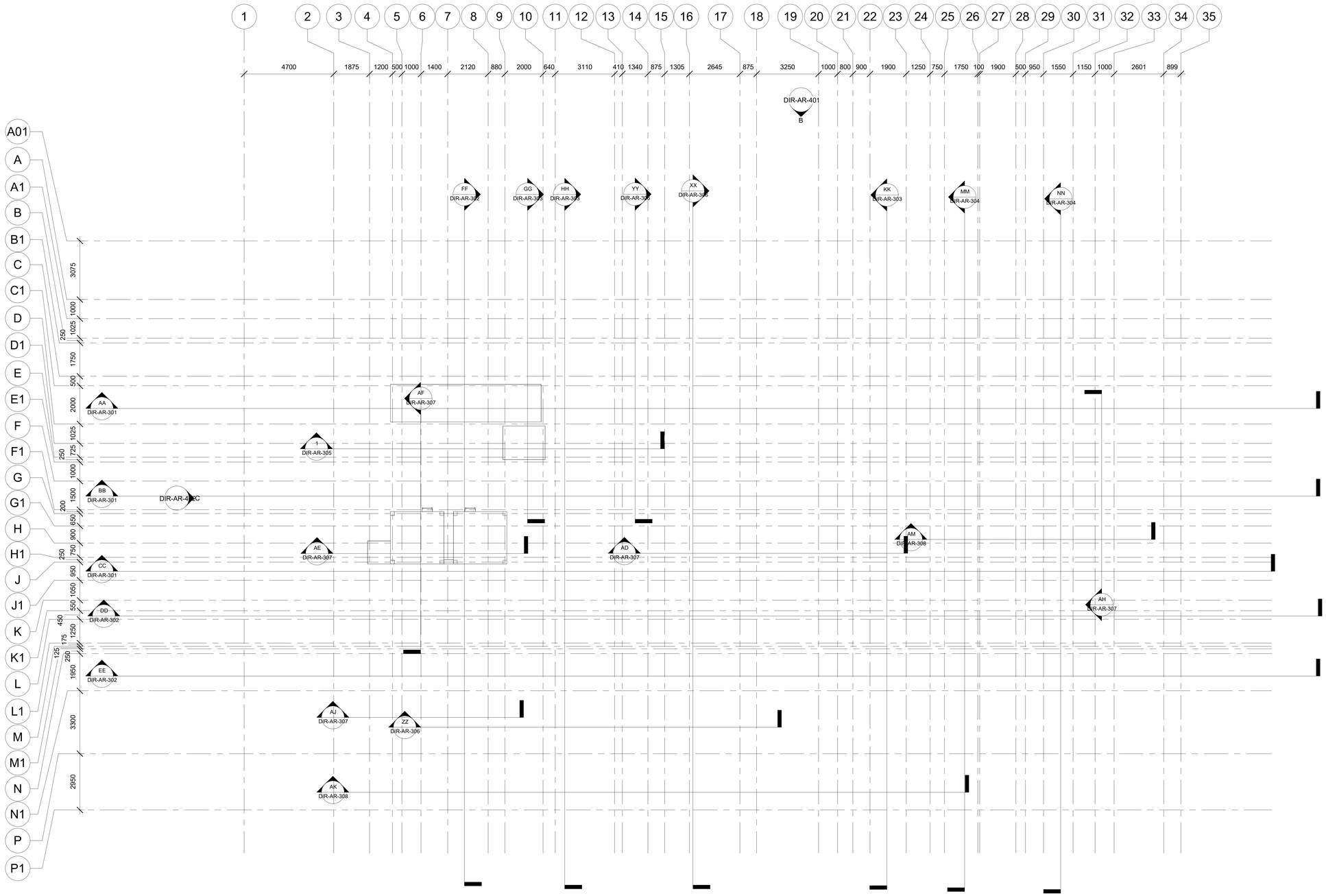
Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
TERRACE FLOOR PLAN

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

Job No. **2025/05**	NORTH
Scale 1 : 100	
15 SEPT 2025	Drawing No. **DIR-AR-203**
Drawn by ASB	
Checked by SS	Revision No. R0

AUTHORITY :



1 04_OVER HEAD TANK
1 : 100

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MEP CONSULTANTS:
STELLAR MEAL NEW DELHI

Architect's Signature	Client's Signature

Job Title
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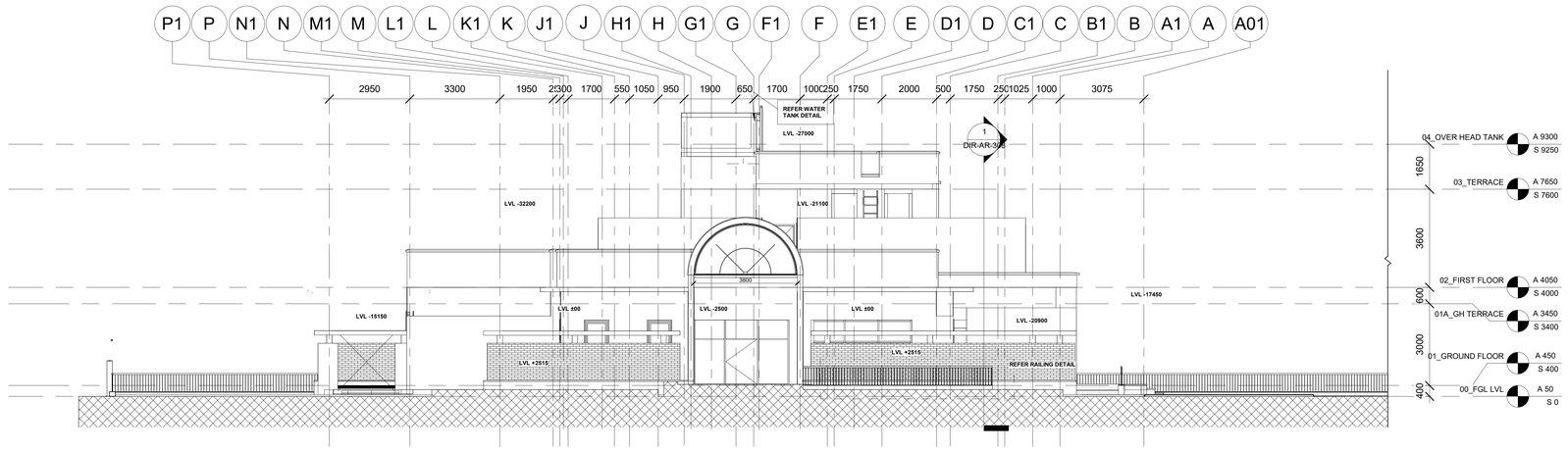
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
OVER HEAD TANK

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

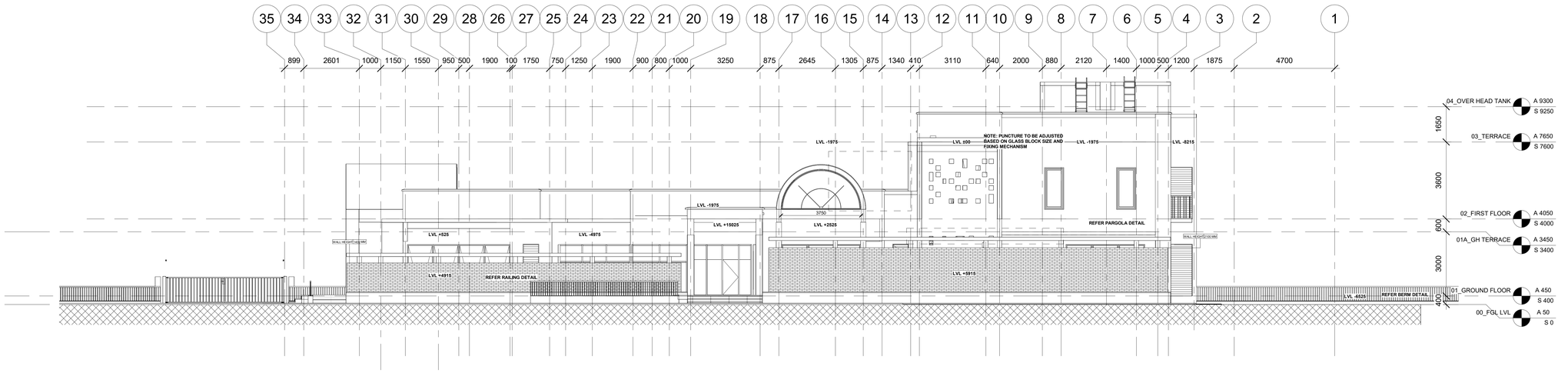
Job No. 2025/05	NORTH
Scale 1 : 100	
15 SEPT 2025	Drawing No. DIR-AR-204
Drawn by ASB	
Checked by SS	Revison No. R0

AUTHORITY :



A ELEVATION A

1 : 100



B ELEVATION B

1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES

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- Shuttering elevation shop drawing to reflect tie rod locations. tie rods should be equally spaced and aligned according to the shuttering pattern. consider: tie rod pvc dia =18mm and pvc cone dia=36mm

NOTE:

- REFER MASTER PLAN AND SITE PLANS FOR THE ABSOLUTE LEVEL OF THIS BUILDING.
- REFER MASTER PLAN AND SITE PLAN FOR THE CLUSTER AND NEIGHBOURHOOD PLANS.
- REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR CO-ORDINATION
- CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVES LOCATION IN THE BEAMS WHERE EVER REQUIRED.
- SKIRTING TO BE CONSIDERED AS PER FINISHING SCHEDULE

HATCH LEGEND

	EXPOSED CONCRETE
	NON EXPOSED CONCRETE
	CONCRETE BLOCK WORK
	AAC BLOCK WORK
	TERRACOTTA BRICK WALL
	100 MM SUNK
	600 MM SUNK
	750 MM SUNK
	900 MM SUNK
	350 MM SUNK
	1650 MM FILLING

STAMP

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER

CLIENTS:
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
Permanent Campus - Project Office
Kandi (V), Sangareddy (M), Sangareddy
Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT.LTD
A-15,Panipath Enclave, G.K 1
New Delhi 110048
Phone : 011-26442690

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
STAAD-PAT STRUCTURAL CONSULTANTS, HYDERABAD +91 9701797198

MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

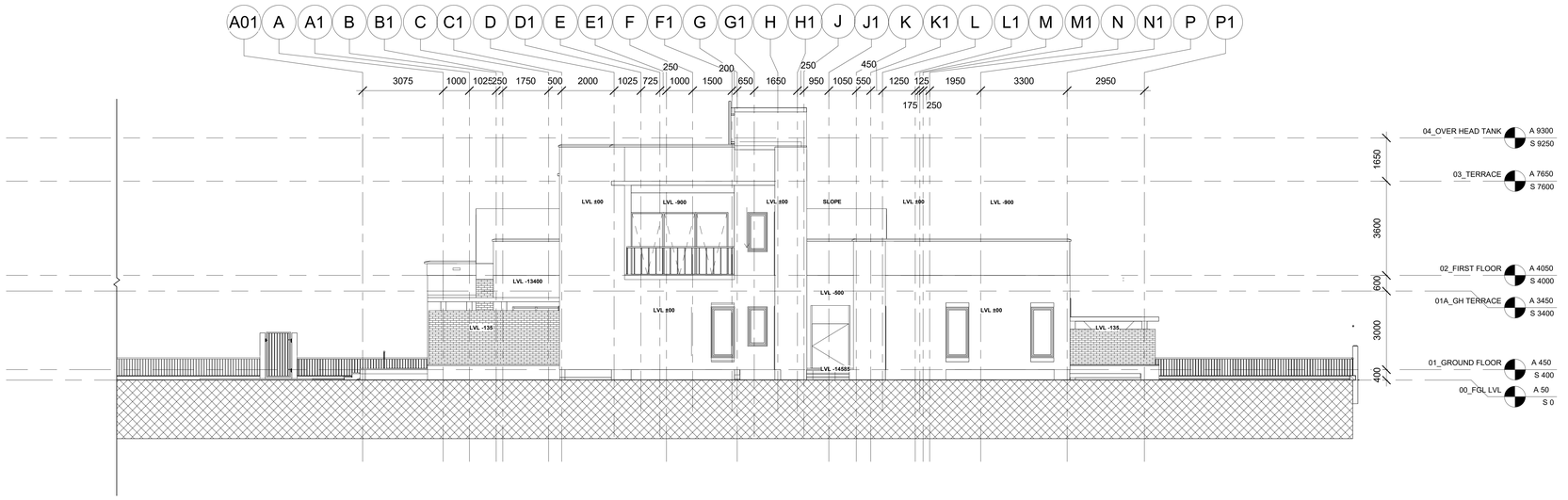
Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
ELEVATION A & B

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

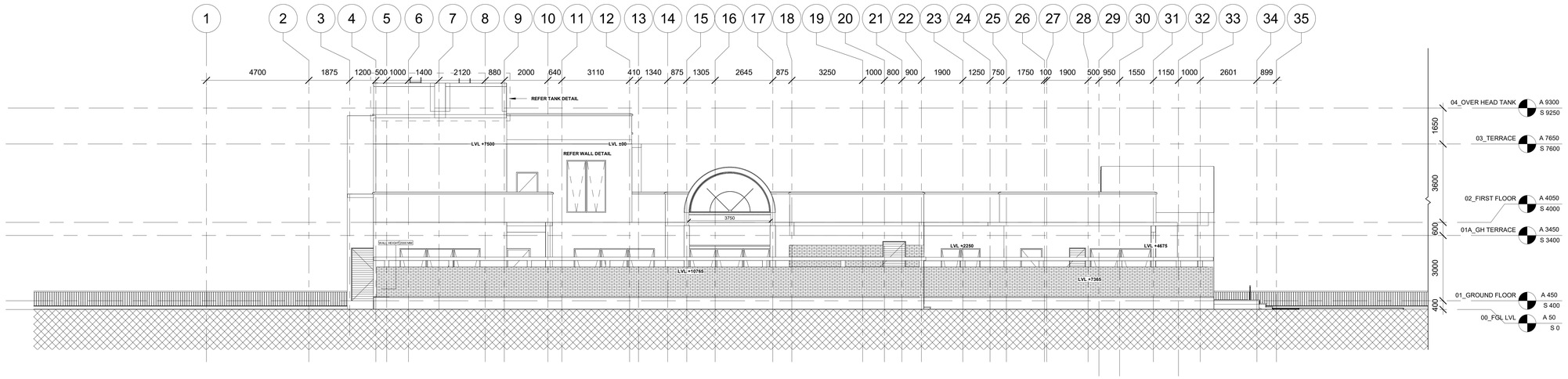
Job No. **2025/05**	NORTH N
Scale 1 : 100	
15 SEPT 2025	Drawing No. **DIR-AR-401**
Drawn by ASB	
Checked by SS	Revision No. R0

AUTHORITY :



C ELEVATION C

1 : 100



D ELEVATION D

1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES

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NOTE:

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- CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVES LOCATION IN THE BEAMS WHERE EVER REQUIRED.
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HATCH LEGEND

	EXPOSED CONCRETE
	NON EXPOSED CONCRETE
	CONCRETE BLOCK WORK
	AAC BLOCK WORK
	TERRACOTTA BRICK WALL
	100 MM SUNK
	600 MM SUNK
	750 MM SUNK
	900 MM SUNK
	350 MM SUNK
	1650 MM FILLING

STAMP

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
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CLIENTS :
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
Permanent Campus – Project Office
Kandi (V), Sangareddy (M), Telangana
Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT.LTD
A-15,Panipath Enclave, S.A 1
New Delhi 110048
Phone : 011-26442500

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
STADFAST STRUCTURAL CONSULTANTS, HYDERABAD +91 9701797198

MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

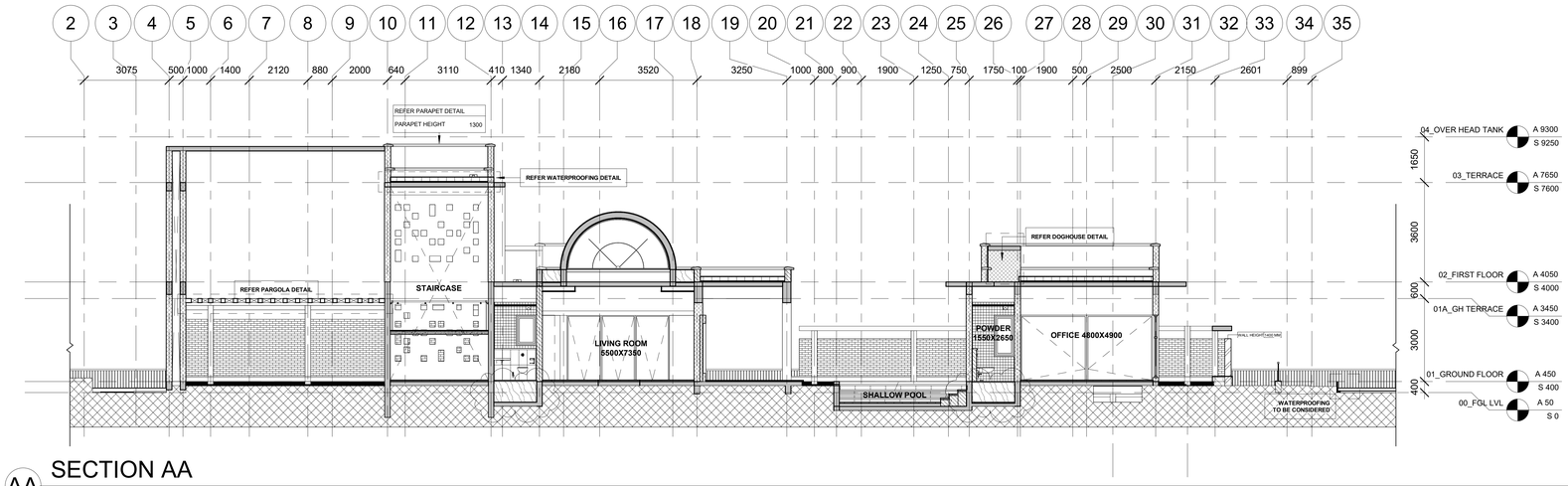
Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
ELEVATION C & D

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

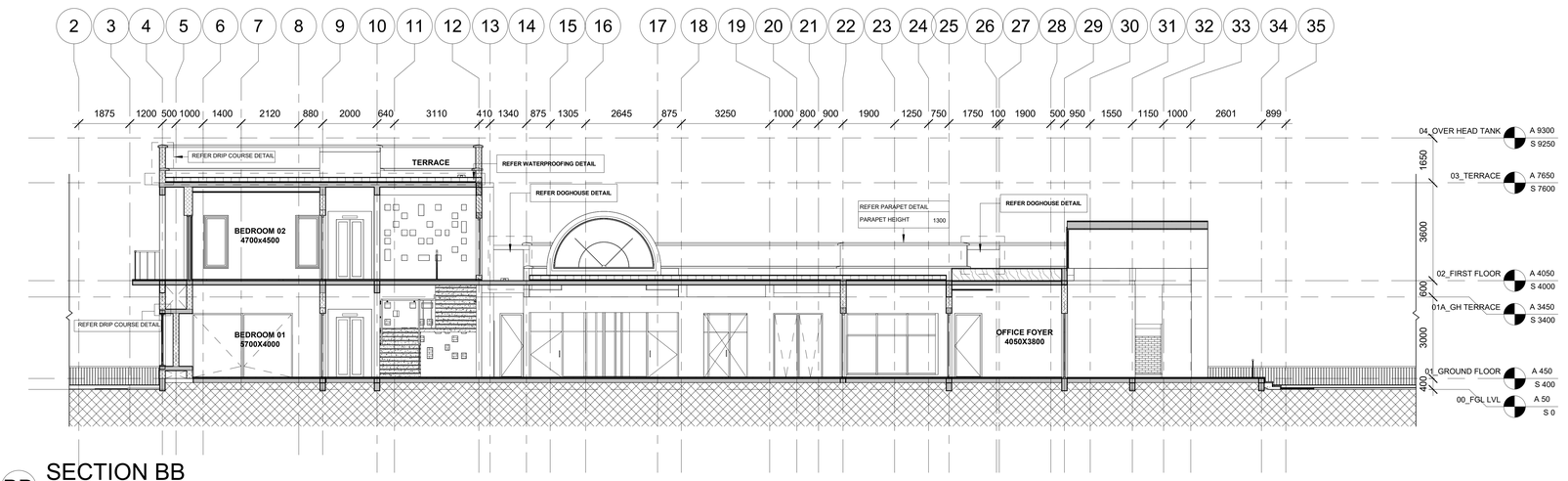
Job No. 2025/05	NORTH
Scale 1 : 100	
15 SEPT 2025	Drawing No. DIR-AR-402
Drawn by ASB	
Checked by SS	Revision No. R0

AUTHORITY :



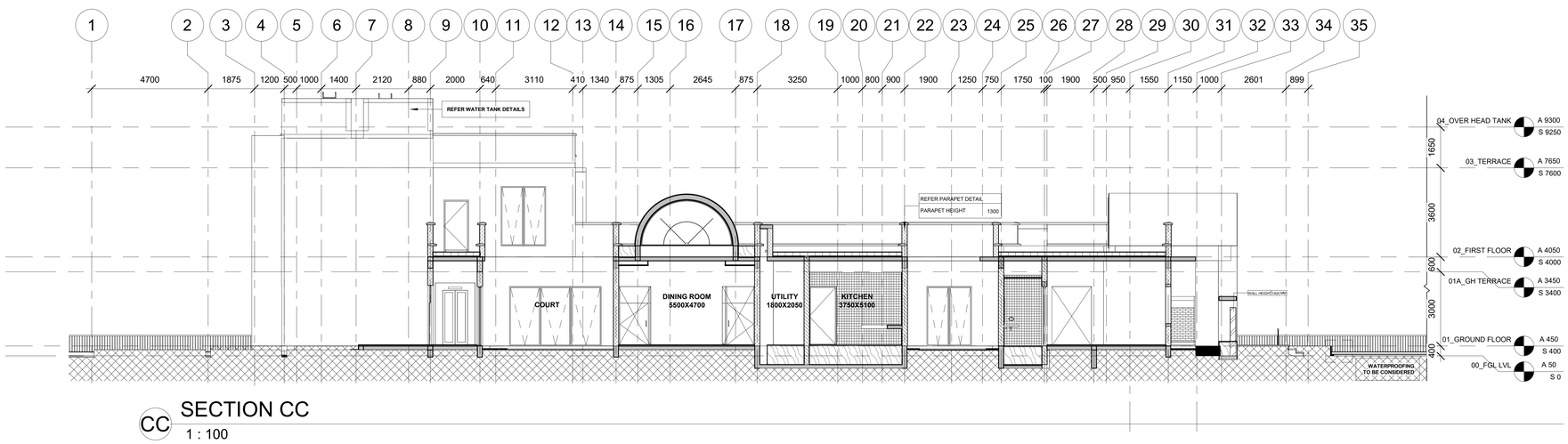
AA SECTION AA

1 : 100



BB SECTION BB

1 : 100



CC SECTION CC

1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES

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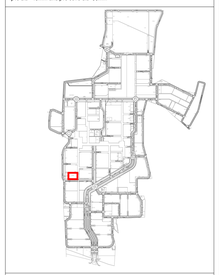

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HATCH LEGEND

	EXPOSED CONCRETE
	NON EXPOSED CONCRETE
	CONCRETE BLOCK WORK
	AAC BLOCK WORK
	TERRACOTTA BRICK WALL
	100 MM SUNK
	600 MM SUNK
	750 MM SUNK
	900 MM SUNK
	350 MM SUNK
	1650 MM FILLING

STAMP

ISSUES

REVISION	DESCRIPTION	DATE
1	Revision 1	Date 1

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER

CLIENTS:
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
Permanent Campus - Project Office
Kandi Village, Sangareddy Mandal
Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
AROOP ASSOCIATES PVT.LTD
A-15,Panipath Enclave, G.K 1
New Delhi 110048
Phone : 01129443566

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
STRAPSAT STRUCTURAL CONSULTANTS, HYDERABAD +91 9701758198

MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

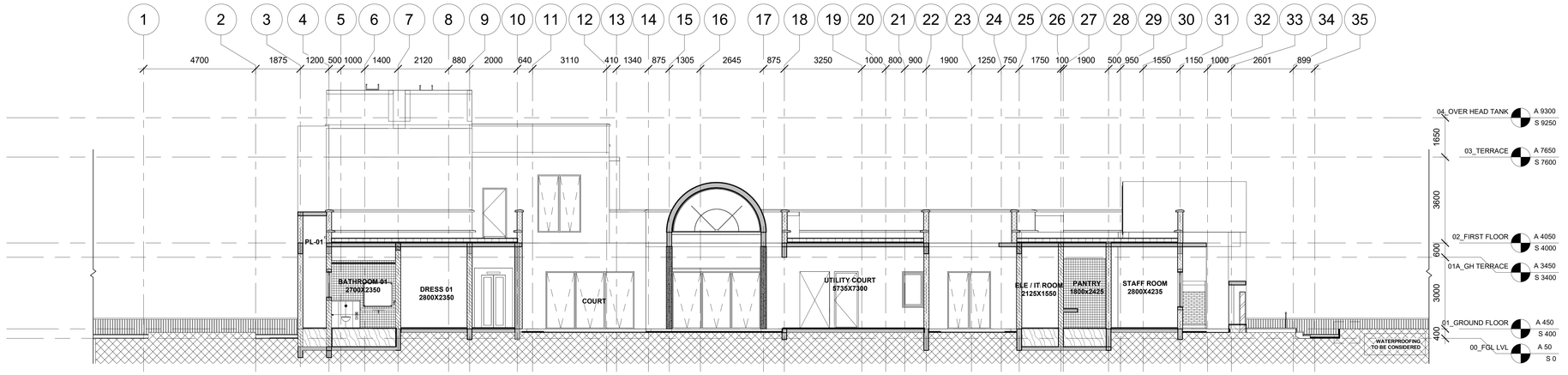
Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
SECTIONS AA & BB & CC

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

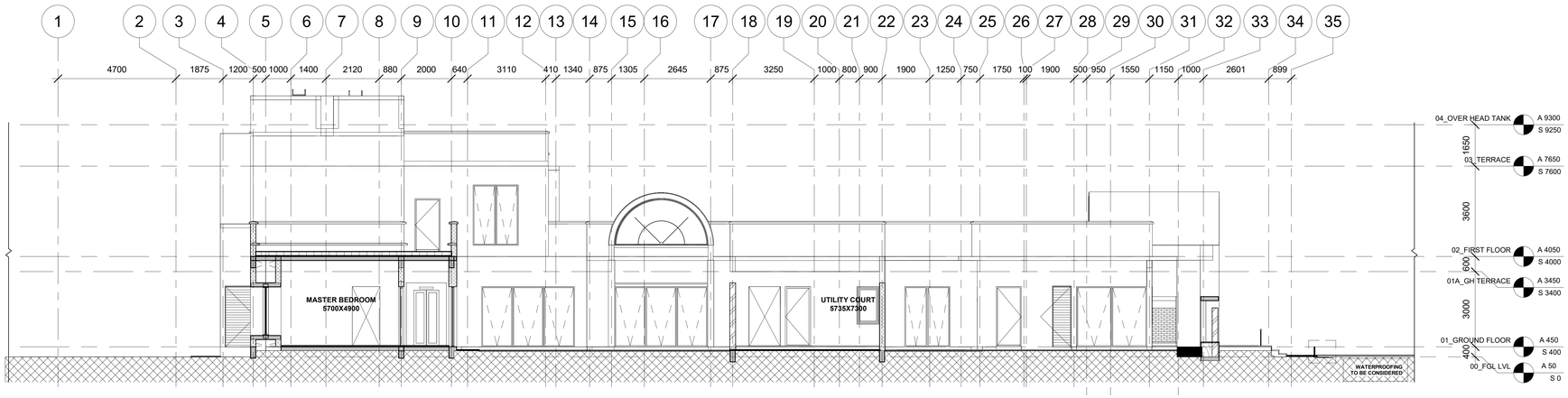
Job No. 2025/05	NORTH N
Scale 1 : 100	
15 SEPT 2025	Drawing No. DIR-AR-301
Drawn by ASB	
Checked by SS	Revision No R0

AUTHORITY :



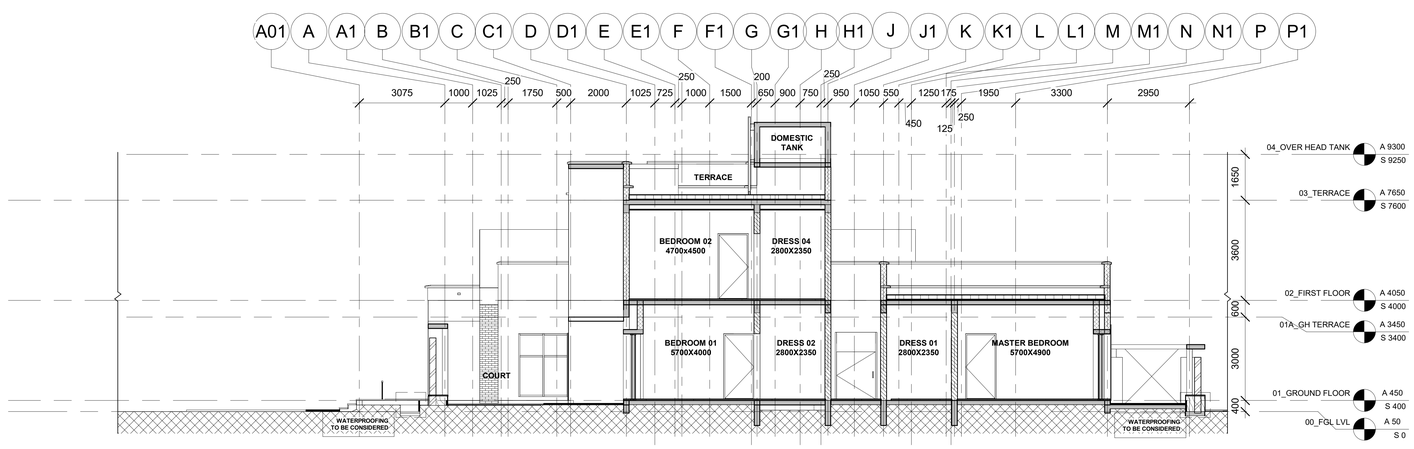
DD SECTION DD

1 : 100



EE SECTION EE

1 : 100



FF SECTION FF

1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES

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NOTE:

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HATCH LEGEND

	EXPOSED CONCRETE
	NON EXPOSED CONCRETE
	CONCRETE BLOCK WORK
	AAC BLOCK WORK
	TERRACOTTA BRICK WALL
	100 MM SUNK
	600 MM SUNK
	750 MM SUNK
	900 MM SUNK
	350 MM SUNK
	1650 MM FILLING

STAMP

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER

CLIENTS :
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
Permanent Campus – Project Office
Kandi Village, Sangareddy Mandal
Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
ARCHITECTS ALLIANCE PVT.LTD
A-10,Panchsheel Enclave, G.K.1
New Delhi 110048
Phone : 011-26443200

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
STRADFAST STRUCTURAL CONSULTANTS, HYDERABAD +91 9701758188

MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

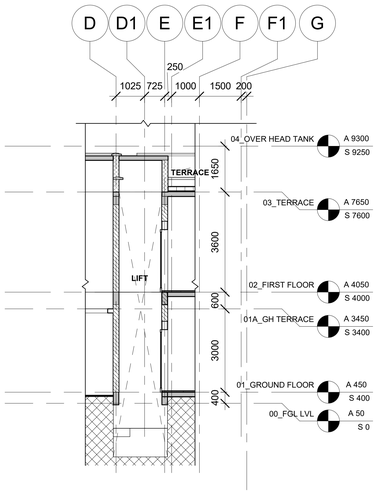
Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
SECTIONS DD & EE & FF

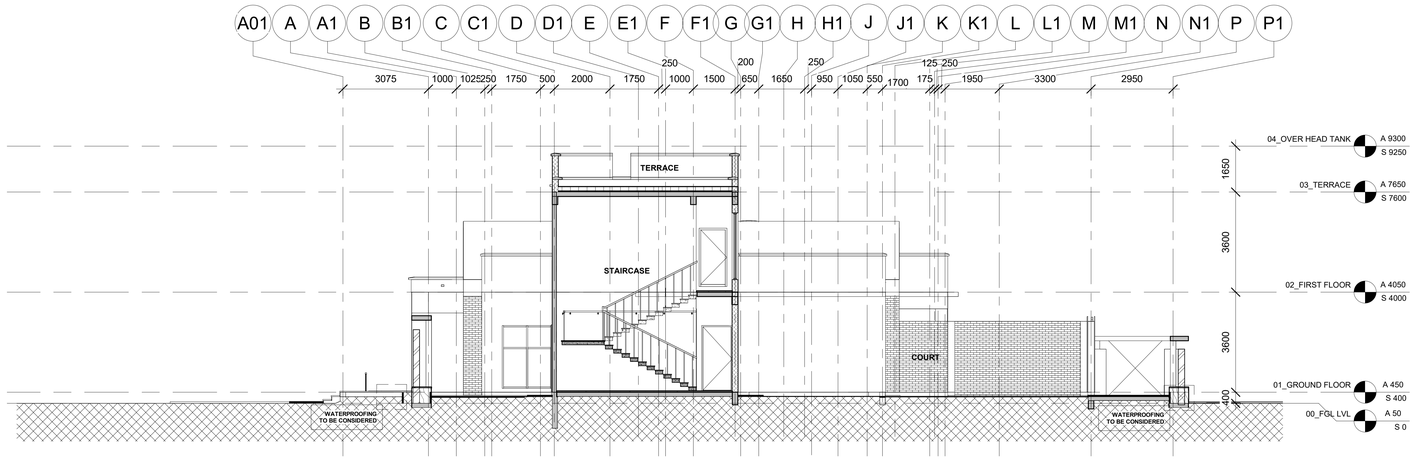
Document Release Type
TENDER / GOOD FOR CONSTRUCTION

Job No. 2025/05	NORTH
Scale 1 : 100	
15 SEPT 2025	Drawing No. DIR-AR-302
Drawn by ASB	
Checked by SS	Revision No. R0

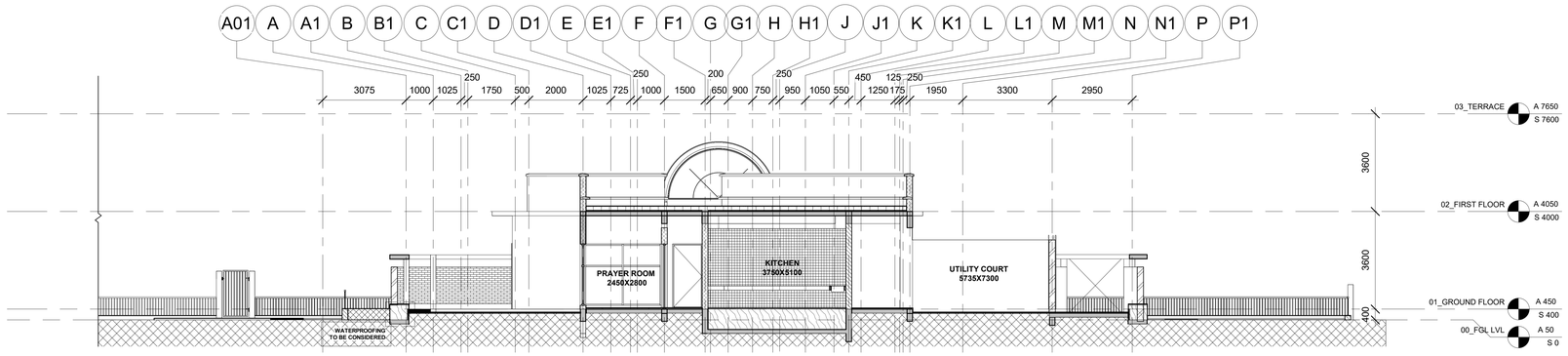
AUTHORITY :



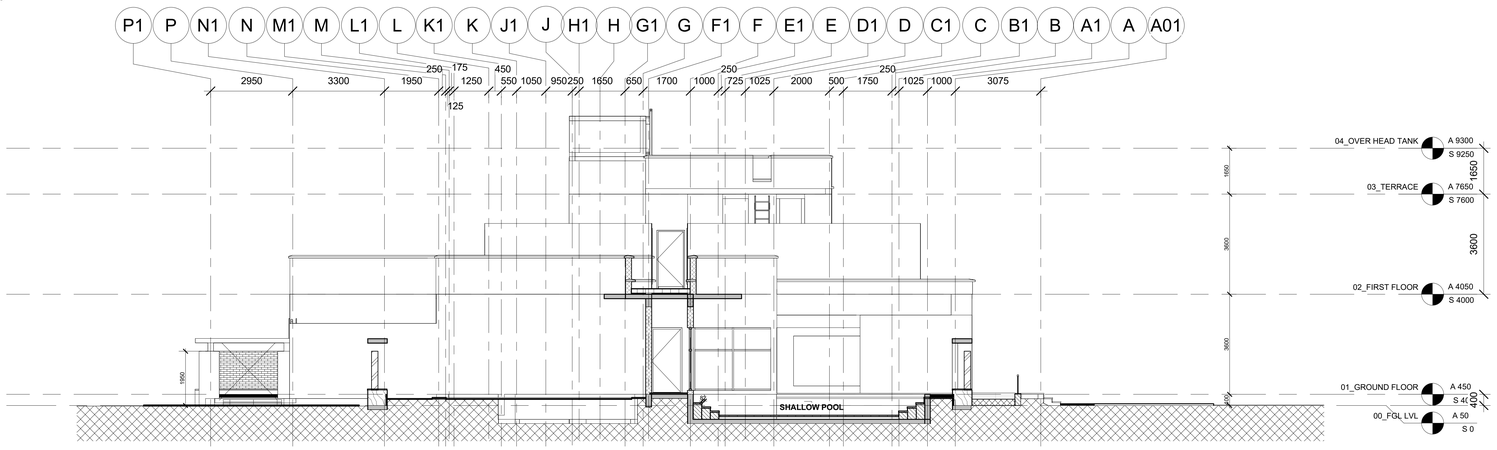
GG SECTION GG
1 : 100



HH SECTION HH
1 : 100



JJ SECTION JJ
1 : 100



KK SECTION KK
1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES

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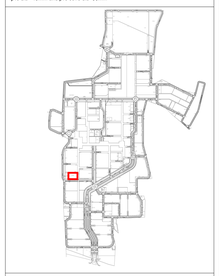

NOTE:

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HATCH LEGEND

	EXPOSED CONCRETE
	NON EXPOSED CONCRETE
	CONCRETE BLOCK WORK
	AAC BLOCK WORK
	TERRACOTTA BRICK WALL
	100 MM SUNK
	600 MM SUNK
	750 MM SUNK
	900 MM SUNK
	350 MM SUNK
	1650 MM FILLING

STAMP

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER

CLIENTS :
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD

Permanent Campus - Project Office
Kandi Village, Sangareddy Mandal
Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT. LTD
A-15,Panchsheel Enclave, S.K.T.
New Delhi-110048
Phone : 011-26442050

CONCEPT ENGINEERING CONSULTANT:
STRUCTURE CONSULTANTS:
STEADFAST STRUCTURAL CONSULTANTS, HYDERABAD +91 9701758186
MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

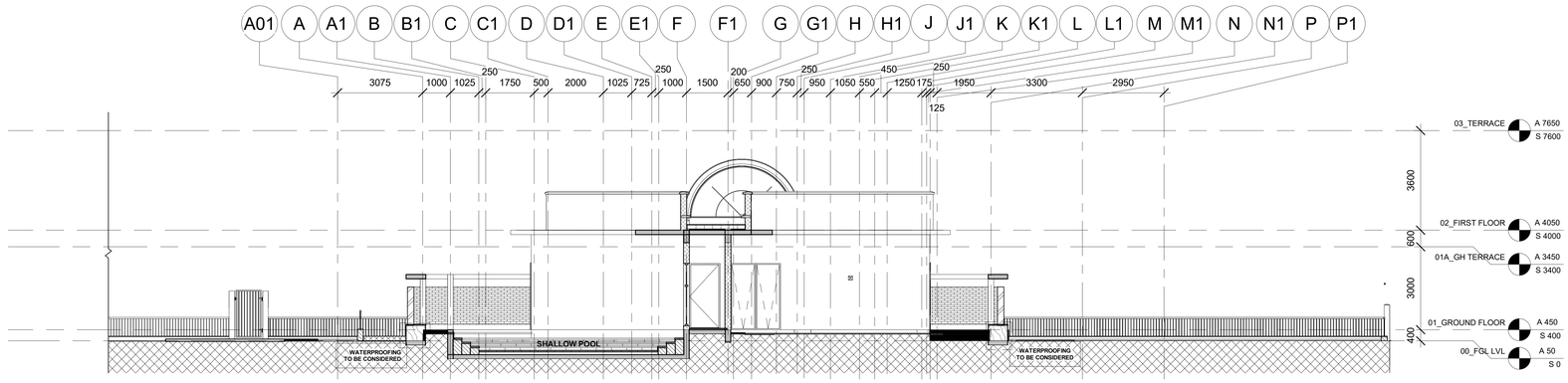
Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
SECTIONS GG & HH & JJ & KK

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

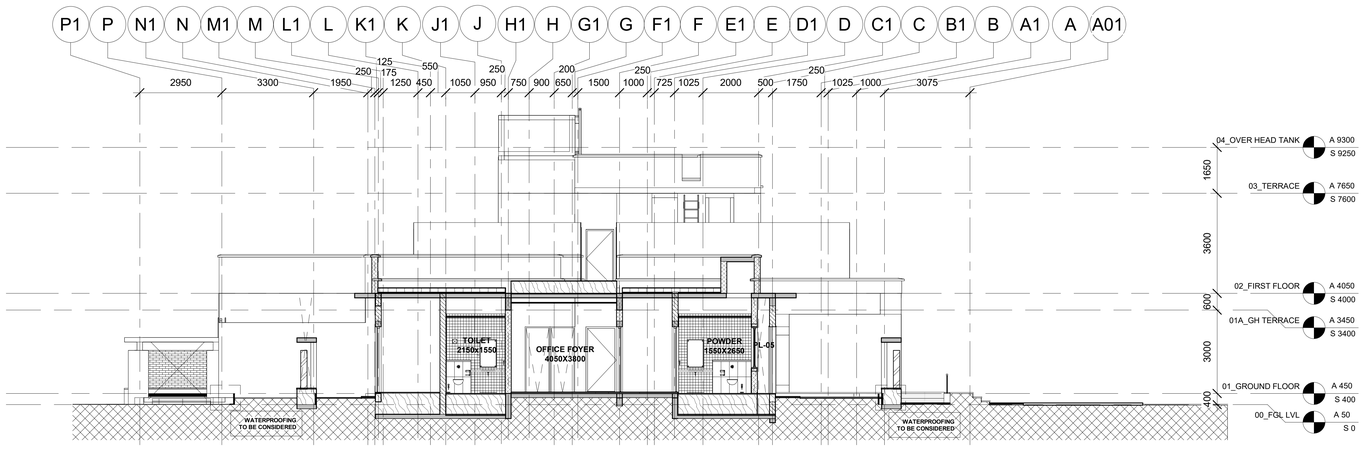
Job No. 2025/05	NORTH N
Scale 1 : 100	
15 SEPT 2025	Drawing No. DIR-AR-303
Drawn by ASB	
Checked by SS	Revision No. R0

AUTHORITY :



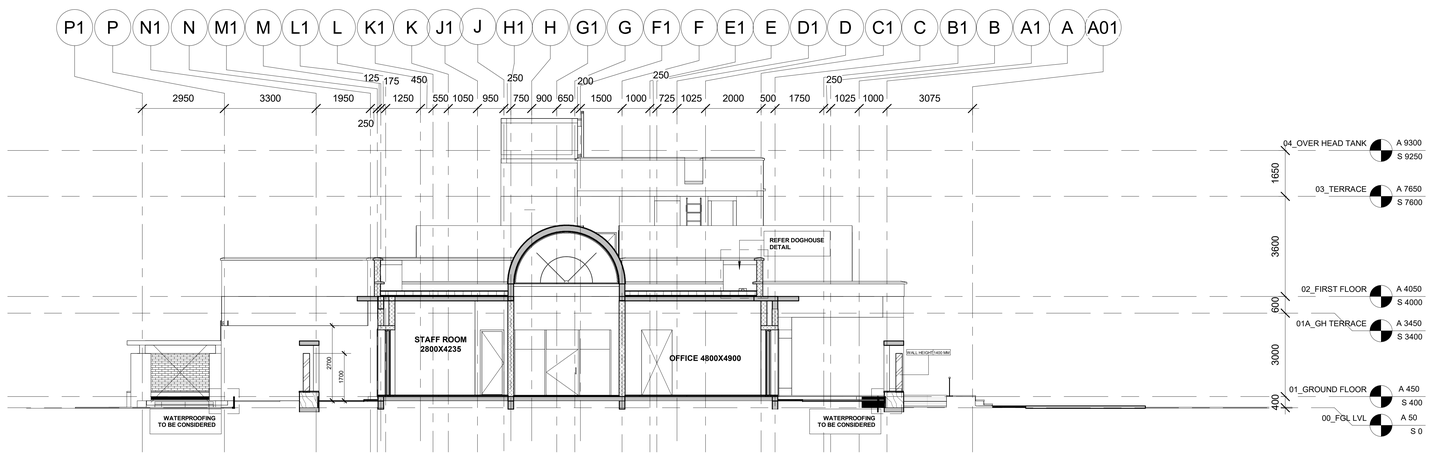
LL SECTION LL

1 : 100



MM SECTION MM

1 : 100



NN SECTION NN

1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

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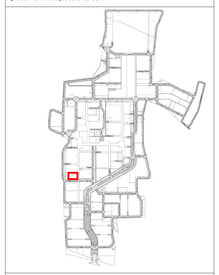

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HATCH LEGEND

	EXPOSED CONCRETE
	NON EXPOSED CONCRETE
	CONCRETE BLOCK WORK
	AAC BLOCK WORK
	TERRACOTTA BRICK WALL
	100 MM SUNK
	600 MM SUNK
	750 MM SUNK
	900 MM SUNK
	350 MM SUNK
	1650 MM FILLING

STAMP

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER

CLIENTS :-
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
Permanent Campus - Project Office
Kandi (V), Sangareddy (M), Sangareddy
Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT LTD
A-15,Panipath Enclave, D.K 1
New Delhi 110048
Phone : 01112643200

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
STRAPSAT STRUCTURAL CONSULTANTS, HYDERABAD +91 9701797186

MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

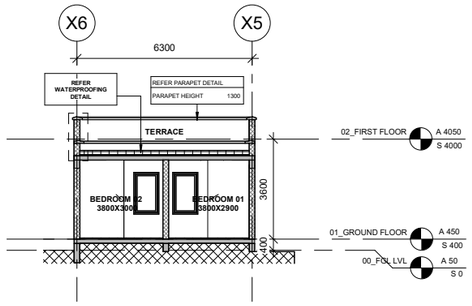
Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
SECTIONS LL & MM & NN

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

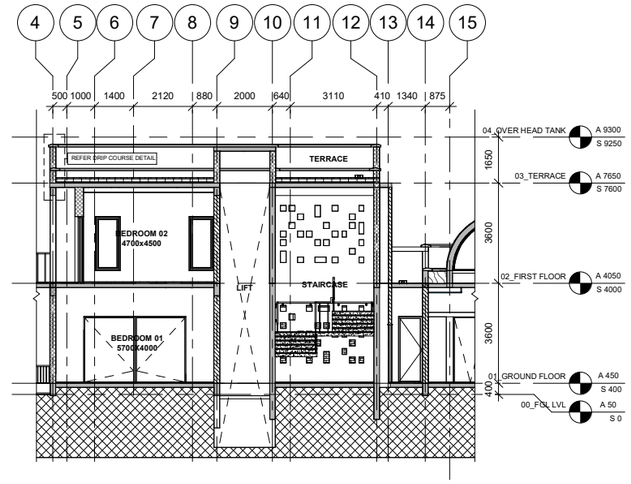
Job No. 2025/05	NORTH N
Scale 1 : 100	
15 SEPT 2025	Drawing No. DIR-AR-304
Drawn by ASB	
Checked by SS	Revision No R0

AUTHORITY :



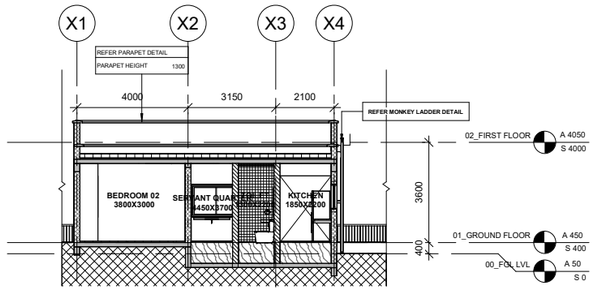
PP SECTION PP

1 : 100



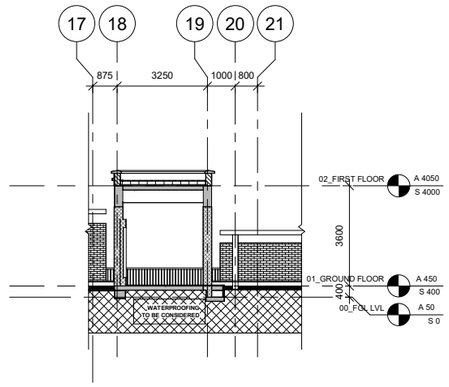
1 SECTION AB

1 : 100



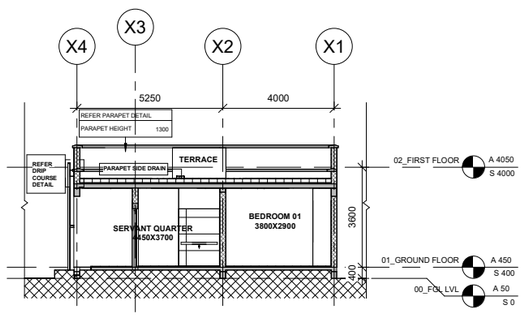
QQ SECTION QQ

1 : 100



2 SECTION AC

1 : 100



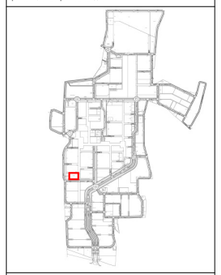
RR SECTION RR

1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES

- Dimensions are not to be scaled.
- All dimensions are in millimeters unless stated otherwise.
- All levels are in millimeters and relate to given datum level.
- The contractor shall verify all dimensions, details,specifications & site conditions & shall report any error, omission and/or anomaly to the campus designer before commencement of work.
- For construction purposes, the dimensions shall not be measured directly of the drawings. the drawings shall not be used for construction until they are issued for construction.
- These drawings are to be read in co-ordination with hvac, electrical, plumbing, it drawings & all relevant sections of specifications..
- All shop drawings should be provided to the campus designer for approval.
- Provide drip course on the bottom of all external, horizontal edges and surfaces (concrete, stone, plaster, etc) as per dimensions and shape provided in detail.
- Shuttering pattern drawing to be provided to the campus designer for approval. Vendors to provide shop drawings for the approval from the campus desiener.
- Shuttering elevation shop drawing to reflect tie rod locations. tie rods should be placed in the vertical and horizontal joints as per the shuttering pattern. consider: tie rod pvc dia =16mm and pvc cone dia=36mm



NOTE:

- REFER MASTER PLAN AND SITE PLANS FOR THE ABSOLUTE LEVEL OF THIS BUILDING.
- REFER MASTER PLAN AND SITE PLAN FOR THE CLUSTER AND NEIGHBOURHOOD PLANS.
- REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR CO-ORDINATION
- CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVES LOCATION IN THE BEAMS WHERE EVER REQUIRED.
- SKIRTING TO BE CONSIDERED AS PER FINISHING SCHEDULE

HATCH LEGEND

	EXPOSED CONCRETE
	NON EXPOSED CONCRETE
	CONCRETE BLOCK WORK
	AAC BLOCK WORK
	TERRACOTTA BRICK WALL
	100 MM SUNK
	600 MM SUNK
	750 MM SUNK
	900 MM SUNK
	350 MM SUNK
	1650 MM FILLING

STAMP

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER

CLIENTS :
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
Permanent Campus - Project Office
Kandi Village, Sangareddy, Mandal
Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT.LTD
A-15,Panposh Enclave, G.K I
New Delhi 110048
Phone - 011-26442080

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
STADAPAT STRUCTURAL CONSULTANTS, HYDERABAD +91-9701797186

MEP CONSULTANTS:
KTA LAW MEAL NEW DELHI

Architect's Signature | Client's Signature

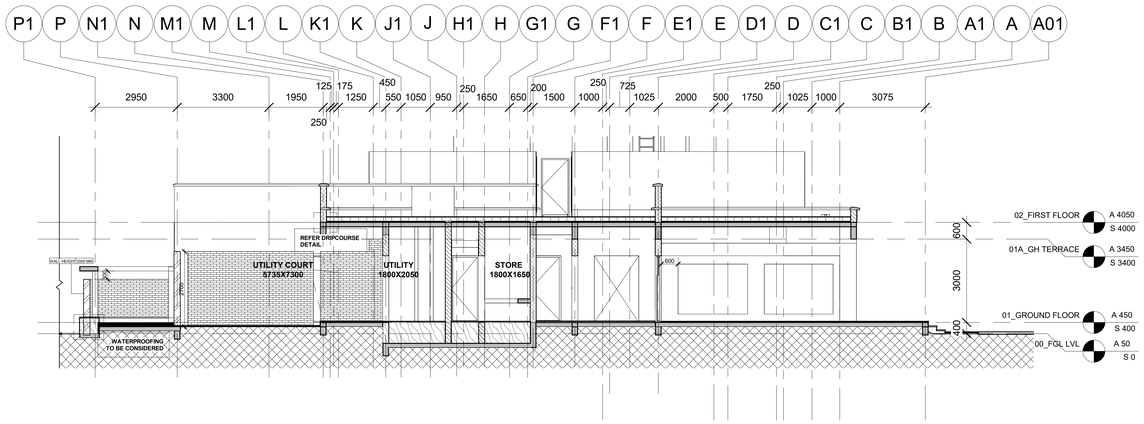
Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
SECTIONS PP & QQ & RR & AB & AC

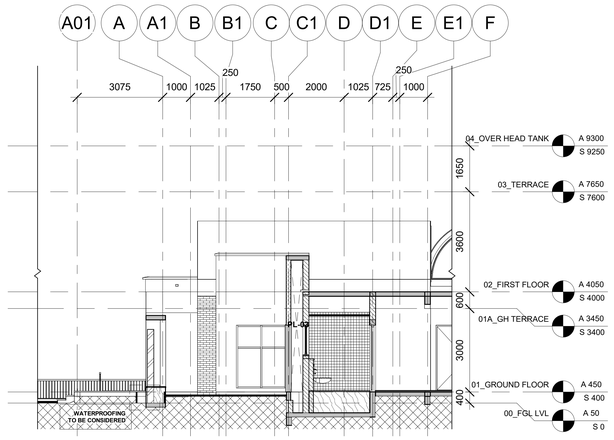
Document Release Type
TENDER / GOOD FOR CONSTRUCTION

Job No. 2025/05	NORTH
Scale 1 : 100	
15 SEPT 2025	Drawing No. DIR-AR-305
Drawn by ASB	
Checked by SS	Revision No. RD

AUTHORITY :-



WW SECTION WW
1 : 100



YY SECTION YY
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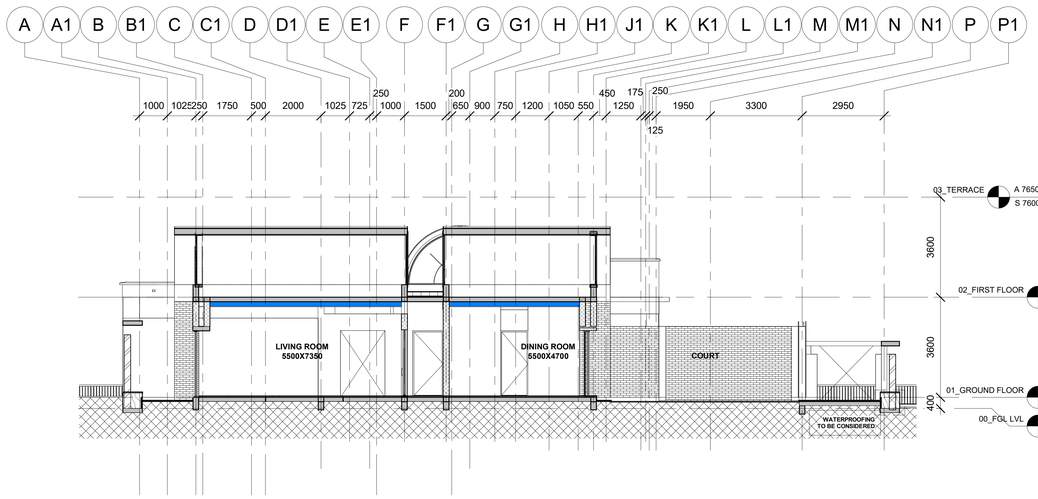

XX SECTION XX
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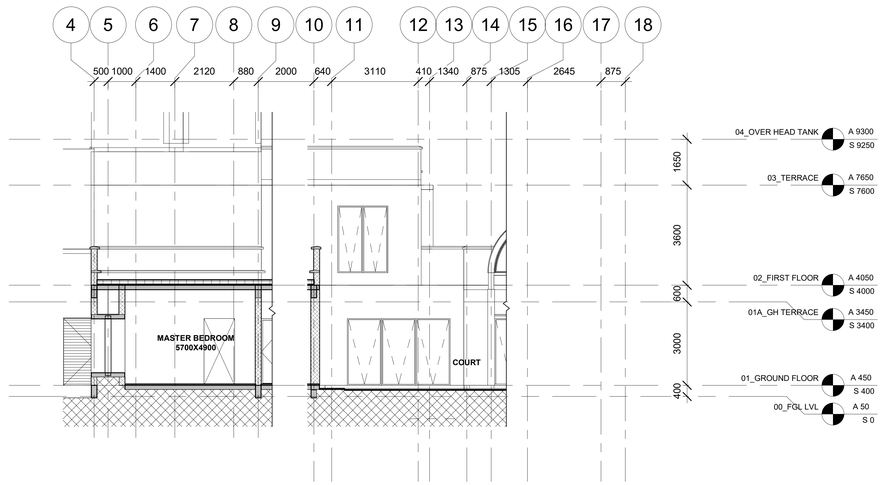

ZZ SECTION ZZ
1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES

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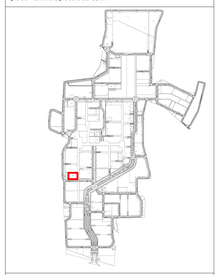
- Vendors to provide shop drawings for the approval from the campus designer.
- Shuttering elevation shop drawing to reflect tie rod locations. tie rods should be equidistant and aligned accurately to the shuttering pattern. consider: tie rod pvc dia =18mm and pvc cone dia=36mm



NOTE:

- REFER MASTER PLAN AND SITE PLANS FOR THE ABSOLUTE LEVEL OF THIS BUILDING.
- REFER MASTER PLAN AND SITE PLAN FOR THE CLUSTER AND NEIGHBOURHOOD PLANS.
- REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR CO-ORDINATION
- CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVES LOCATION IN THE BEAMS WHERE EVER REQUIRED.
- SKIRTING TO BE CONSIDERED AS PER FINISHING SCHEDULE

HATCH LEGEND

	EXPOSED CONCRETE
	NON EXPOSED CONCRETE
	CONCRETE BLOCK WORK
	AAC BLOCK WORK
	TERRACOTTA BRICK WALL
	100 MM SUNK
	600 MM SUNK
	750 MM SUNK
	900 MM SUNK
	350 MM SUNK
	1650 MM FILLING

STAMP

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER

CLIENTS :
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
Permanent Campus - Project Office
Kandi Village, Sangareddy Mandal
Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT. LTD
A-15,Panchsheel Enclave, S.K.T.
New Delhi-110048
Phone : 011-26442050

CONCEPT ENGINEERING CONSULTANT:
STRUCTURE CONSULTANTS:
STRAPHAT STRUCTURAL CONSULTANTS, HYDERABAD +91 9701778198
MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

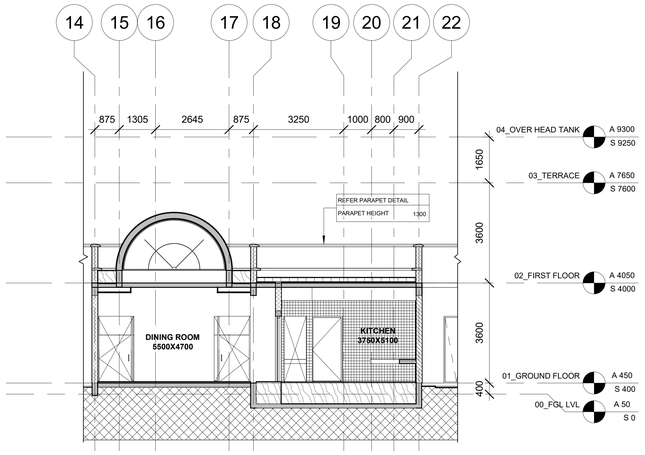
Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
SECTIONS WW & XX & YY & ZZ

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

Job No. 2025/05	NORTH N
Scale 1 : 100	
15 SEPT 2025	Drawing No. DIR-AR-306
Drawn by ASB	
Checked by SS	Revision No. R0

AUTHORITY :



AD SECTION AD
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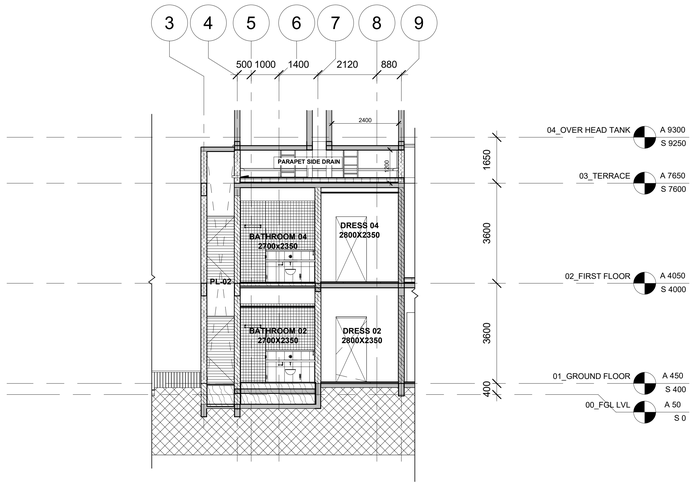

AE SECTION AE
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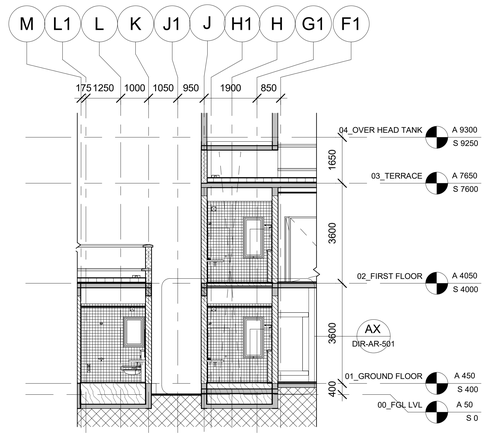

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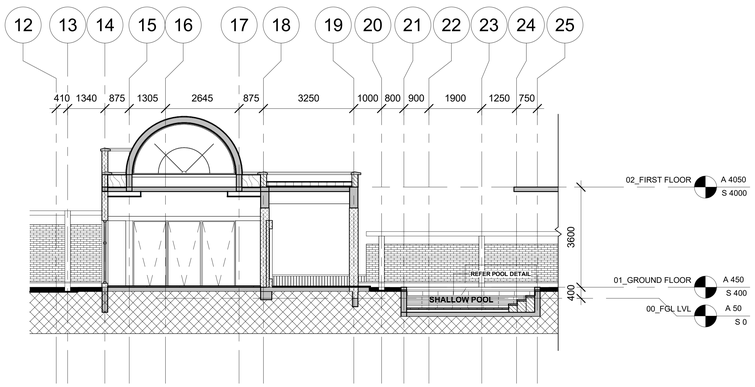
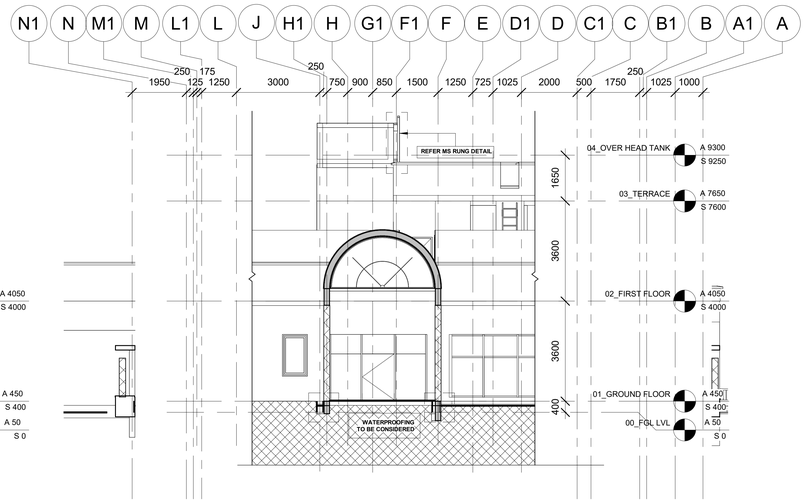
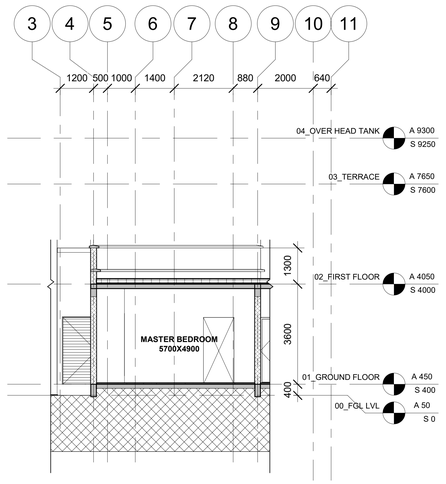


AG SECTION AG
1 : 100



AH SECTION AH
1 : 100



AJ SECTION AJ
1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES

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- Vendors to provide shop drawings for the approval from the campus designer.
- Shuttering elevation shop drawing to reflect tie rod locations. tie rods should be evenly distributed and aligned according to the shuttering pattern. consider tie rod pvc dia =18mm and pvc cone dia=36mm

NOTE:

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- REFER MASTER PLAN AND SITE PLAN FOR THE CLUSTER AND NEIGHBOURHOOD PLANS.
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- CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVES LOCATION IN THE BEAMS WHERE EVER REQUIRED.
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HATCH LEGEND

	EXPOSED CONCRETE
	NON EXPOSED CONCRETE
	CONCRETE BLOCK WORK
	AAC BLOCK WORK
	TERRACOTTA BRICK WALL
	100 MM SUNK
	600 MM SUNK
	750 MM SUNK
	900 MM SUNK
	350 MM SUNK
	1650 MM FILLING

STAMP

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER

CLIENTS :-
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
Permanent Campus - Project Office
Kandi (V), Sangareddy (M), Telangana
Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT LTD
A-15,Panipath Enclave, G.N.T
New Delhi 110040
Phone : 01112643500

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
STRAPAT STRUCTURAL CONSULTANTS, HYDERABAD +91 9701797186

MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

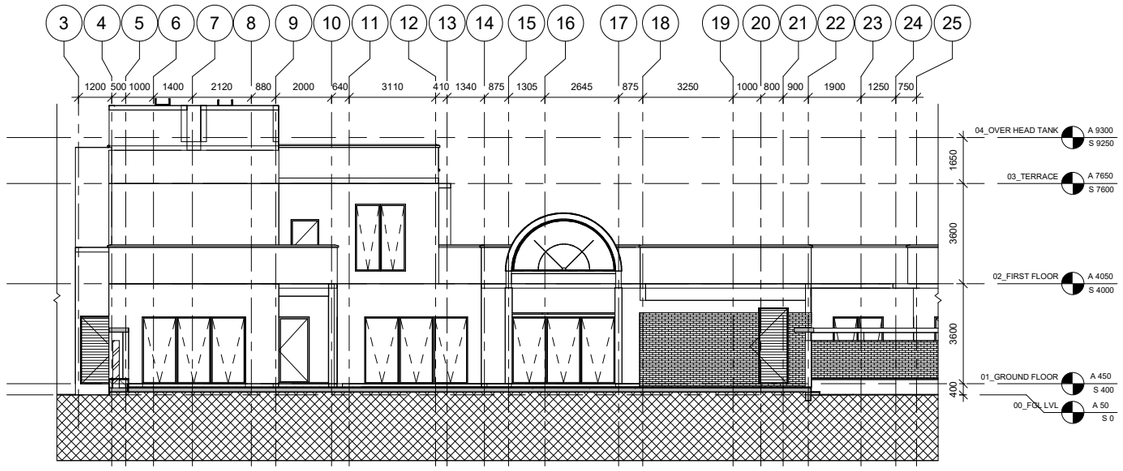
Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
SECTIONS AD & AE & AF & AG & AH & AJ

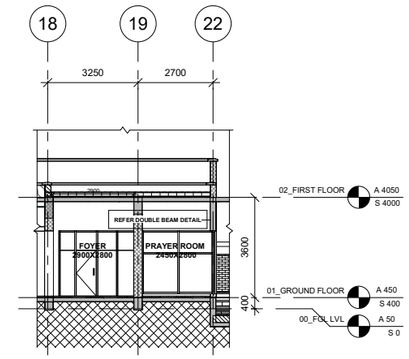
Document Release Type
TENDER / GOOD FOR CONSTRUCTION

Job No. 2025/05	NORTH
Scale 1 : 100	
15 SEPT 2025	Drawing No. DIR-AR-307
Drawn by ASB	
Checked by SS	Revision No R0

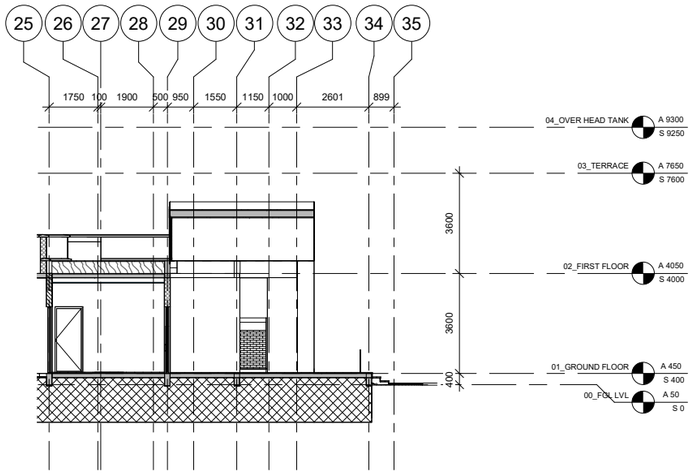
AUTHORITY :



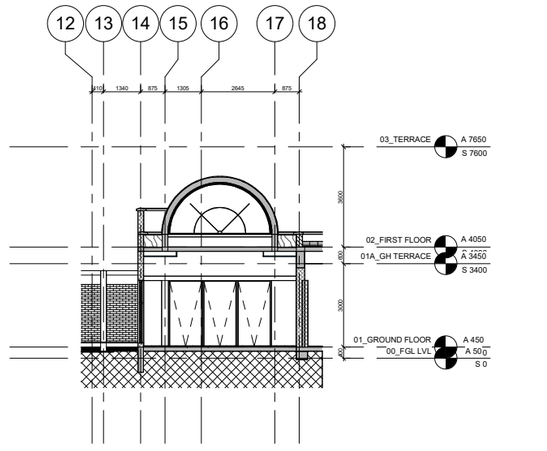
AK SECTION AK
1 : 100



AN SECTION AN
1 : 100



AM SECTION AM
1 : 100



1 SECTION MB
1 : 100

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES

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NOTE:

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- REFER ALL SERVICES AND STRUCTURAL DRAWINGS FOR CO-ORDINATION
- CONTRACTORS SHOULD COORDINATE SERVICES AND PROVIDE THE SLEEVES LOCATION IN THE BEAMS WHERE EVER REQUIRED.
- SKIRTING TO BE CONSIDERED AS PER FINISHING SCHEDULE

HATCH LEGEND

	EXPOSED CONCRETE
	NON EXPOSED CONCRETE
	CONCRETE BLOCK WORK
	AAC BLOCK WORK
	TERRACOTTA BRICK WALL
	100 MM SUNK
	600 MM SUNK
	750 MM SUNK
	900 MM SUNK
	350 MM SUNK
	1650 MM FILLING

STAMP

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS(S) FOR THE APPROVAL FROM THE CAMPUS DESIGNER

CLIENTS :
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
Permanent Campus - Project Office
Kandi Village, Sangareddy, Mandal
Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
SHANKAR BHARGAVA ASSOCIATES
A-16,Panchsheel Enclave, U.A.1
New Delhi 110048
Phone : 011-26443269

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
STRADIGHT STRUCTURAL CONSULTANTS, HYDERABAD +91-9701797188

MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

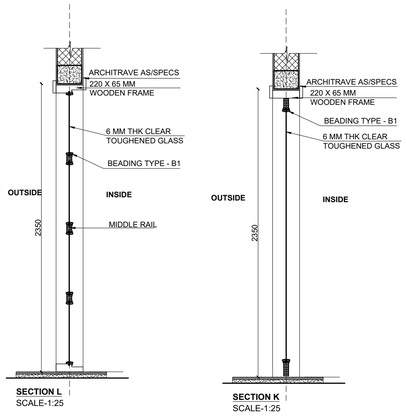
Job Title
INDIAN INSTITUTE OF TECHNOLOGY, HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
SECTIONS A & AM & AN & MB

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

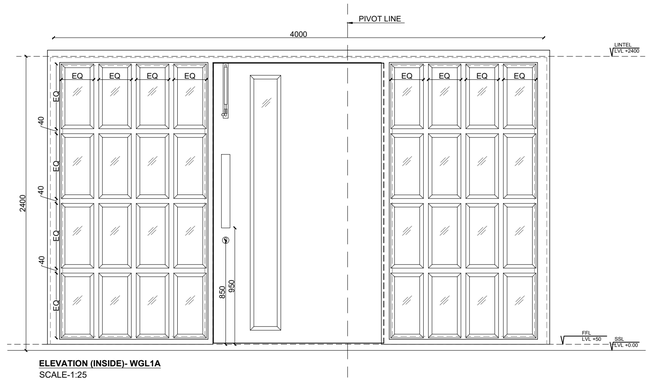
Job No. 2025/05	NORTH N
Scale 1 : 100	
15 SEPT 2025	Drawing No. DIR-AR-308
Drawn by ASB	
Checked by SS	Revision No. R0

AUTHORITY :-

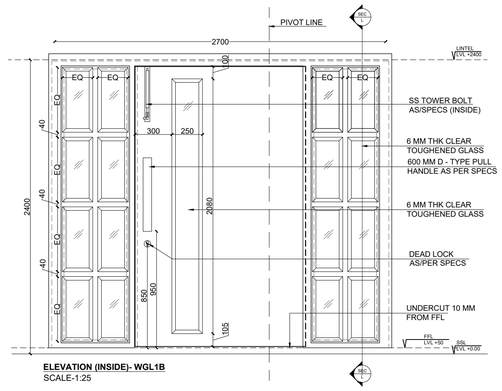


SECTION L
SCALE-1:25

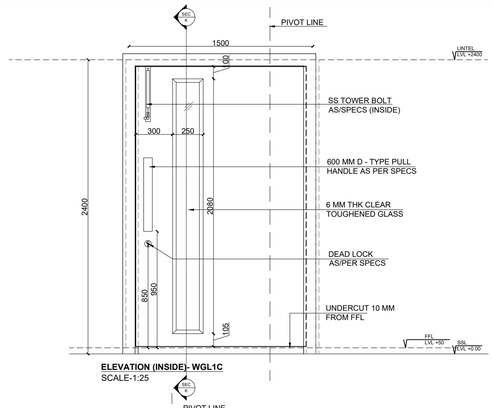
SECTION K
SCALE-1:25



ELEVATION (INSIDE)- WGL1A
SCALE-1:25

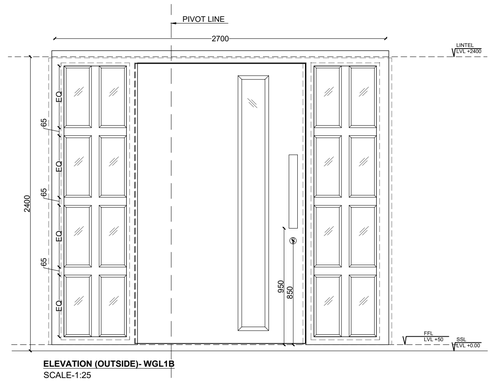


ELEVATION (INSIDE)- WGL1B
SCALE-1:25

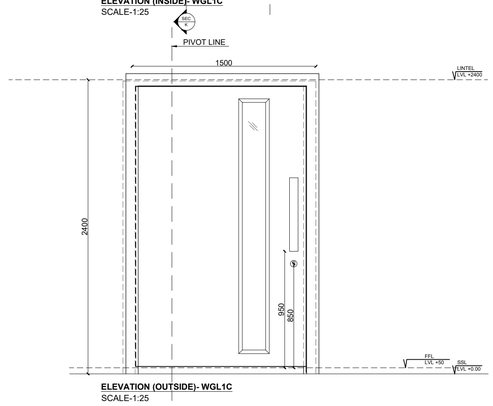


ELEVATION (INSIDE)- WGL1C
SCALE-1:25

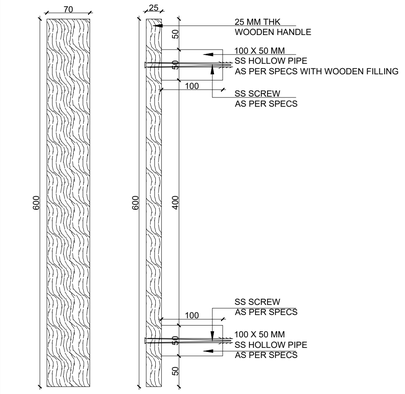
ELEVATION (OUTSIDE)- WGL1A
SCALE-1:25



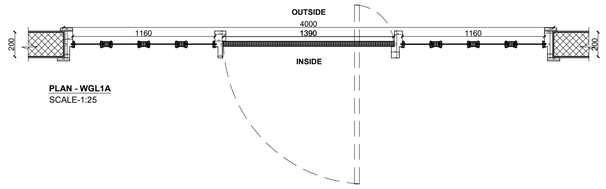
ELEVATION (OUTSIDE)- WGL1B
SCALE-1:25



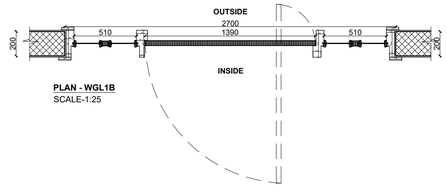
ELEVATION (OUTSIDE)- WGL1C
SCALE-1:25



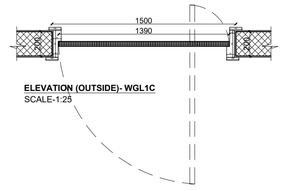
WOODEN HANDLE DETAIL FOR PIVOT DOOR
SCALE-1:5



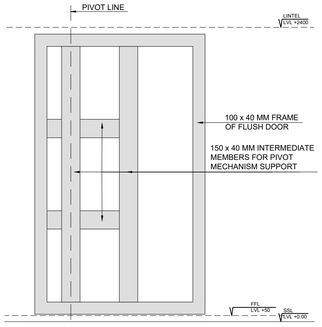
PLAN - WGL1A
SCALE-1:25



PLAN - WGL1B
SCALE-1:25



ELEVATION (OUTSIDE)- WGL1C
SCALE-1:25

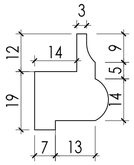


FLUSH DOOR FRAMING FOR PIVOT DOORS
SCALE-1:25

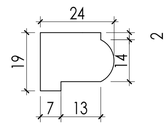
WGL1A	SIZE (rough opening): SIZE (finished opening): TYPE: LOCATION:	4000 X 2400 3980 X 2340 WOOD & GLASS PIVOT DOOR OFFICE FOYER

WGL1B	SIZE (rough opening): SIZE (finished opening): TYPE: LOCATION:	2700 X 2400 2680 X 2340 WOOD & GLASS PIVOT DOOR MAIN FOYER

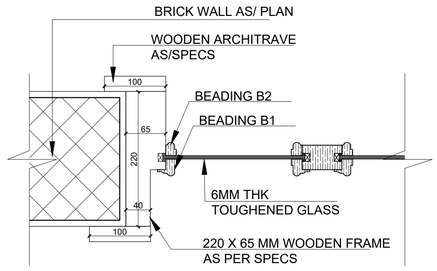
WGL1C	SIZE (rough opening): SIZE (finished opening): TYPE: LOCATION:	1500 X 2400 1480 X 2340 WOOD & GLASS PIVOT DOOR ENTRANCE TOWARDS PATIO



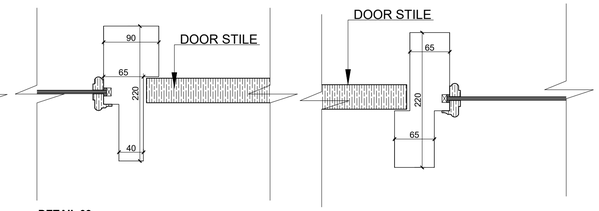
BEADING TYPE - B1
SCALE - 1:1



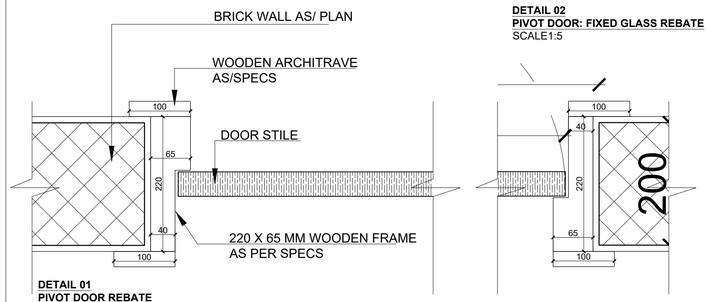
BEADING TYPE - B2
SCALE - 1:1



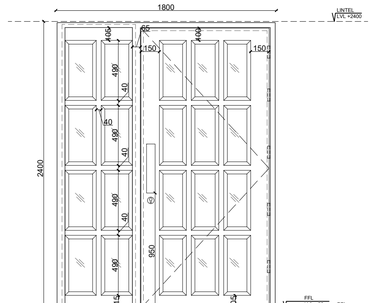
DETAIL 02
PIVOT DOOR: FIXED GLASS REBATE
SCALE1:5



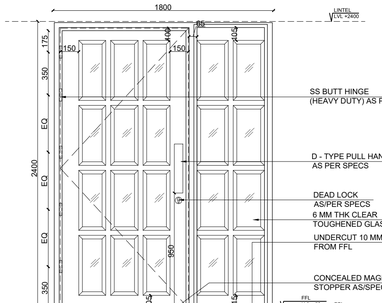
DETAIL 03
PIVOT DOOR: FIXED GLASS REBATE
SCALE1:5



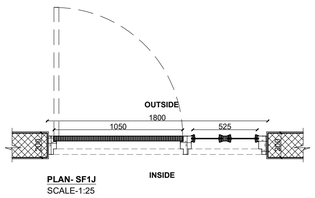
DETAIL 01
PIVOT DOOR REBATE
SCALE1:5



ELEVATION (OUTSIDE)- SF1J
SCALE-1:25



ELEVATION (INSIDE)- SF1J
SCALE-1:25



PLAN- SF1J
SCALE-1:25

SF1J	SIZE (rough opening): SIZE (finished opening): TYPE: LOCATION:	1800 X 2400 1780 X 2350 WOOD & GLASS WINDOW PRAYER ROOM

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES

- Dimensions are not to be scaled.
- All dimensions are in millimeters unless stated otherwise.
- All levels are in millimeters and relate to given datum level.
- The contractor shall verify all dimensions, details,specifications & site conditions & shall report any error, omission and/or anomaly to the campus designer before commencement of work.
- For construction purposes, the dimensions shall not be measured directly of the drawings. the drawings shall not be used for construction until they are issued for construction.
- These drawings are to be read in co-ordination with hvac, electrical, plumbing, it drawings & all relevant sections of specifications.
- All shop drawings should be provided to the campus designer for approval.
- Provide drip course on the bottom of all external, horizontal edges and surfaces (concrete, stone, plaster, etc) as per dimensions and shape provided in detail.
- Shuttering pattern drawing to be provided to the campus designer for approval.
- Vendors to provide shop drawings for the approval from the campus designer.
- Shuttering elevation shop drawing to reflect tie rod locations. tie rods should be equally spaced and aligned according to the shuttering pattern. consider: tie rod pvc dia =19mm and pvc cone dia=30mm.

KEY PLAN

NOTE

- CLEAR PU POLISH COATING ON ALL WOODEN DOOR/ WINDOWS.

LIST OF HARDWARE

HARDWARE FOR DOORS					
DOOR TAG	SILL	LINTEL	HARDWARE TYPOLOGY	NO. OF ITEMS PER DOOR SHUTTER	TOTAL NO. ITEMS
SF1A	0	2400	51 BUTT HINGE 4" LONG	5	33
			600MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			300MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			CONCEALED MAGNETIC DOOR STOPPER	1	6
			DEAD LOCK	1	6
SF1C	0	2400	51 BUTT HINGE 4" LONG	5	33
			600MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			300MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			CONCEALED MAGNETIC DOOR STOPPER	1	6
			DEAD LOCK	1	6
SF1D	0	2400	51 BUTT HINGE 4" LONG	5	33
			600MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			300MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			CONCEALED MAGNETIC DOOR STOPPER	1	6
			DEAD LOCK	1	6
SF1E	0	2400	51 BUTT HINGE 4" LONG	5	33
			600MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			300MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			CONCEALED MAGNETIC DOOR STOPPER	1	6
			DEAD LOCK	1	6
SF1F	0	2400	51 BUTT HINGE 4" LONG	5	33
			600MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			300MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			CONCEALED MAGNETIC DOOR STOPPER	1	6
			DEAD LOCK	1	6
SF1G	450	2400	51 BUTT HINGE 4" LONG	4	22
			600MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			150MM 51 TOWER BOLT (BRUSH FINISH)	1	6
SF1H	450	2400	51 BUTT HINGE 4" LONG	4	22
			600MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			300MM 51 TOWER BOLT (BRUSH FINISH)	1	6
SF1J	0	2400	51 BUTT HINGE 4" LONG	5	33
			CONCEALED MAGNETIC DOOR STOPPER	1	6
			DEAD LOCK	1	6
SF1K	200	2400	51 BUTT HINGE 4" LONG	5	33
			600MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			300MM 51 TOWER BOLT (BRUSH FINISH)	1	6
WG1- SERIES (WG1A, WG1B, WG1C)	0	2400	PIVOT TOP AND BOTTOM ASYEMBLY	1	6
			450MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			DEAD LOCK	1	6
D27A	0	2100	51 BUTT HINGE 4" LONG	4	24
			450MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			LEVER HANDLE AND SASH LOCK	1	6
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	6
D27B	0	2400	51 BUTT HINGE 4" LONG	4	24
			600MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			LEVER HANDLE AND SASH LOCK	1	6
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	6
D27C	300	2400	51 BUTT HINGE 4" LONG	4	24
			450MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			LEVER HANDLE AND SASH LOCK	1	6
			DOOR MOUNTED HANGING TYPE DOOR STOPPER	1	6
D25 -SERIES (D25A, D25B)	0	2400	51 BUTT HINGE 4" LONG	4	24
			600MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			LEVER HANDLE AND SASH LOCK	1	6
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	6
D17 -SERIES (D17A, D17B, D17C)	0	2100 OR 2400	51 BUTT HINGE 4" LONG	4	12
			600MM 51 TOWER BOLT (BRUSH FINISH)	1	6
			LEVER HANDLE AND SASH LOCK	1	6
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	6
HARDWARE FOR WINDOWS					
WINDOW TAG	SILL	LINTEL	HARDWARE TYPOLOGY	NO. OF ITEMS PER SHUTTER	TOTAL NO. ITEMS
GB01A (OPENABLE WINDOW)	140	2400	51 BUTT HINGE 4" LONG	4	8
			150MM 51 TOWER BOLT (BRUSH FINISH)	1	2
			155MM 51 TOWER BOLT (BRUSH FINISH)	1	2
WG1A	450	2400	15 HINGE	4	8
			FRICTION STAY	1	2
			HANDLE	1	2
			MULTI-POINT LOCKING SYSTEM	1	2
WG1-SERIES (WG1B, WG1C, WG1D)	VARYING	VARYING	15 HINGE	4	8
			FRICTION STAY	1	2
			HANDLE	1	2
			MULTI-POINT LOCKING SYSTEM	1	2
WG2-SERIES (WG2A, WG2B, WG2C)	VARYING	VARYING	15 HINGE	4	8
			FRICTION STAY	1	2
			HANDLE	1	2
			MULTI-POINT LOCKING SYSTEM	1	2

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER

CLIENTS :
INDIAN INSTITUTE OF TECHNOLOGY (IIT) HYDERABAD
Permanent Campus - Project Office
Kandi Village, Sangareddy- Mandal
Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT LTD
A-15,Pamposh Enclave, G.K 1
New Delhi 110048
Phone : 011-26442050

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
NTADAPAT STRUCTURAL CONSULTANTS, HYDERABAD +91 9701797186

MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

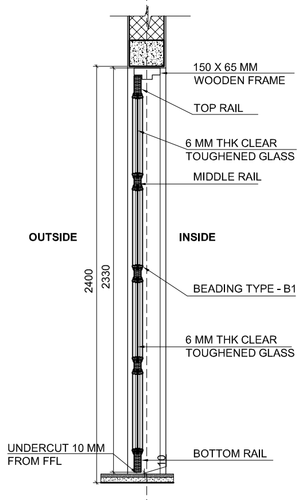
Job Title
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
DOOR / WINDOW DETAILS 01

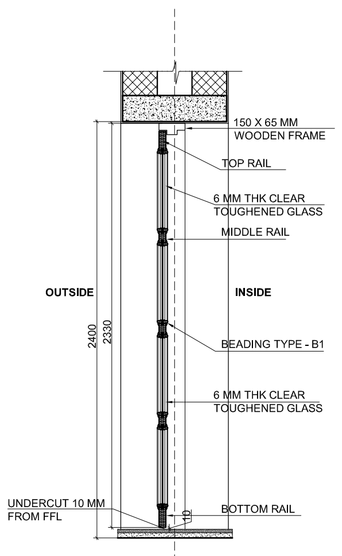
Document Release Type
TENDER/ GOOD FOR CONSTRUCTION

Job No. 2025/05	NORTH
Scale AS MENTIONED @ A1	
15 SEPT 2025	Drawing No. TYP-AR-1001
Drawn by AR	
Checked by AB	Revision No. R0

AUTHORITY :



SECTION A- 200MM WALL
SCALE-1:25



SECTION A- 600MM WALL
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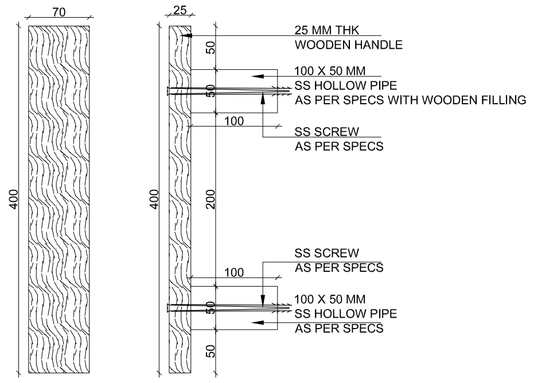
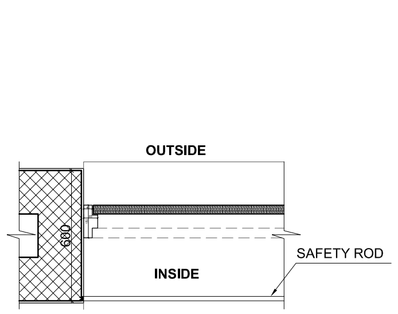
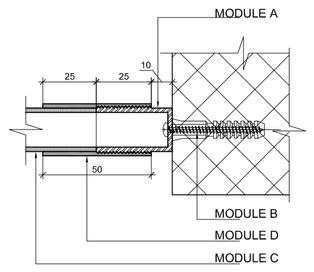


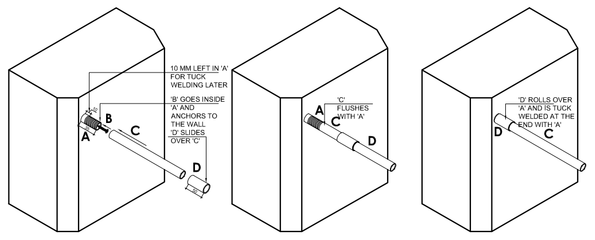
WOODEN HANDLE DETAIL FOR DOORS
SCALE-1:5



TYPICAL PLAN- SAFETY ROD
SCALE 1:20



SECTION - END JOINERY DETAIL
SCALE-1:2



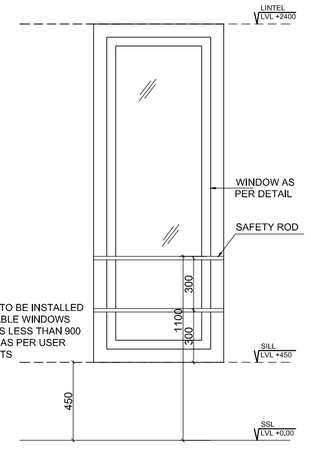
JOINERY DETAIL OF SAFETY BAR

A - 16 MM DIA, 1 MM THICK HOLLOW MS SECTION SOLID AT ONE END WITH THREADING OUTSIDE

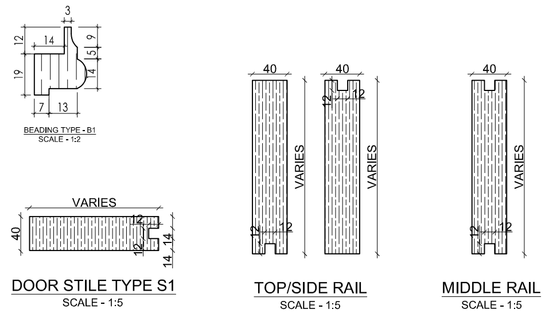
B - HILTI HRD ANCHOR BOLT

C - 16 MM DIA, 2 MM THICK HOLLOW MS SECTION USED AS SAFETY BAR

D - 20 MM DIA, 2 MM THICK HOLLOW MS SECTION **WITH HALF THE LENGTH HAVING THREADING INSIDE**



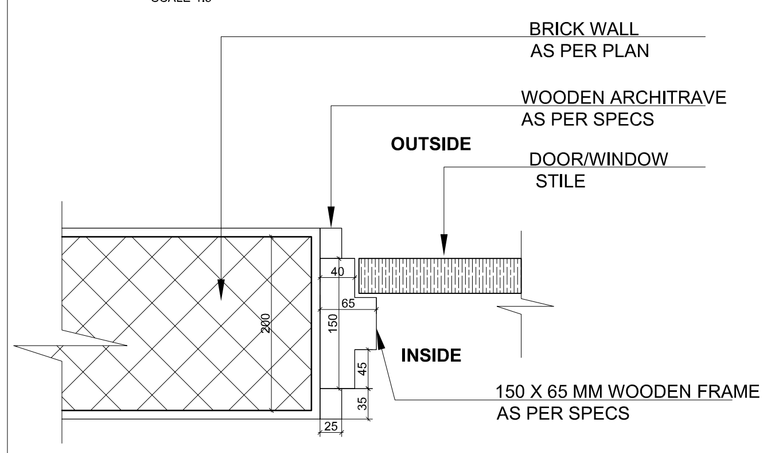
TYPICAL ELEVATION- SAFETY ROD
SCALE 1:20



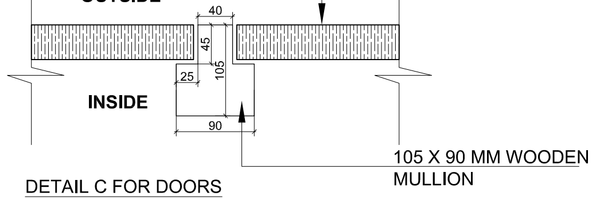
DOOR STILE TYPE S1
SCALE - 1:5

TOP/SIDE RAIL
SCALE - 1:5

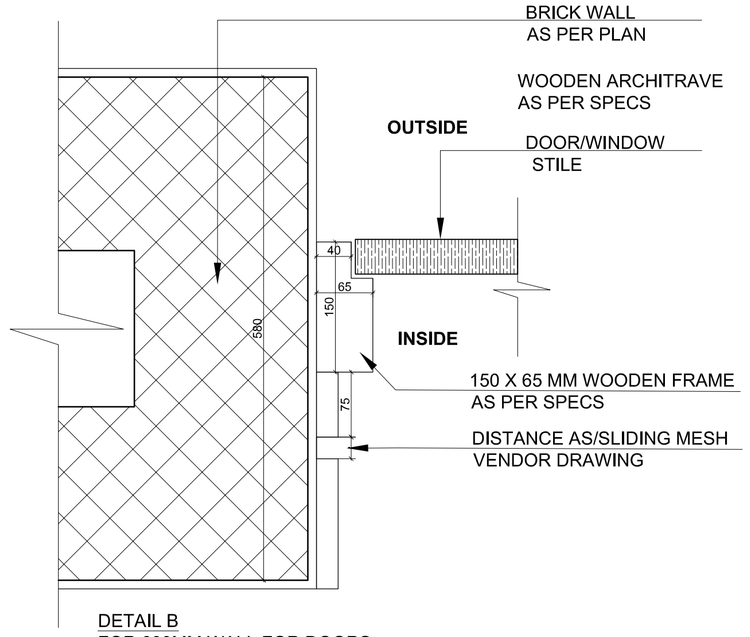
MIDDLE RAIL
SCALE - 1:5



DETAIL A
FOR 200MM WALL FOR DOORS
SCALE-1:5

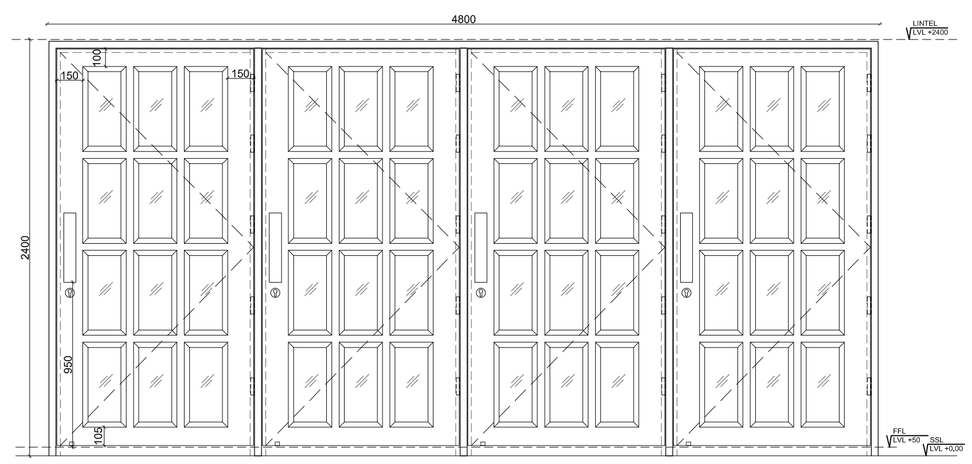


DETAIL C FOR DOORS
SCALE-1:5

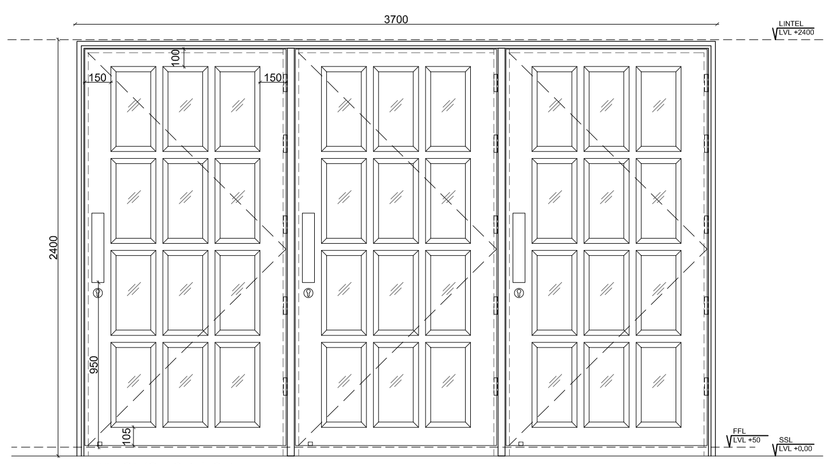


DETAIL B
FOR 600MM WALL FOR DOORS
SCALE-1:5

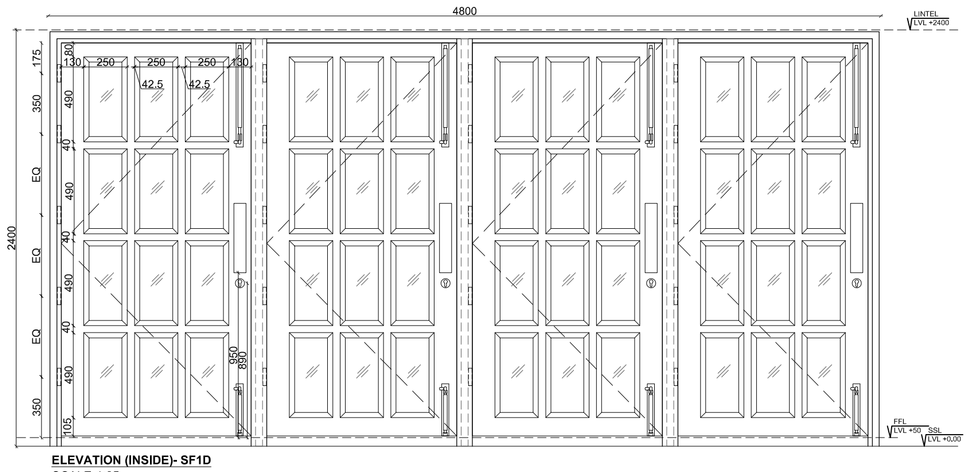
ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN



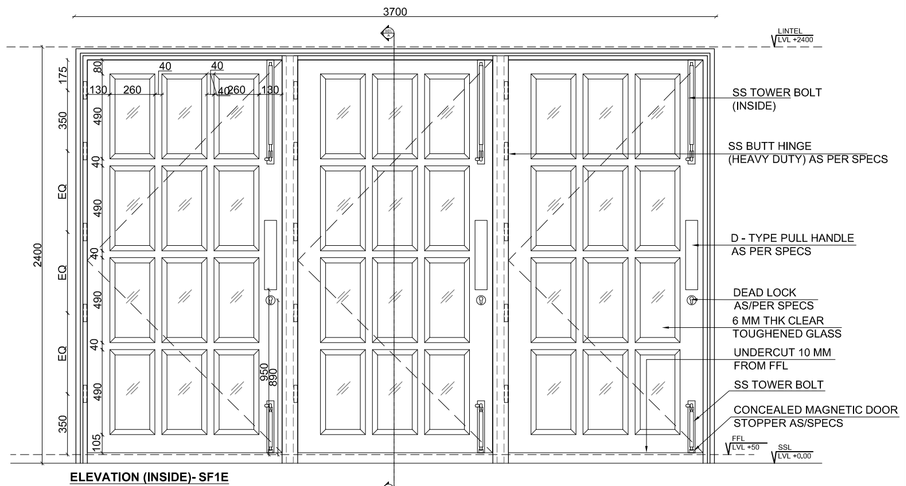
ELEVATION (OUTSIDE)- SF1D
SCALE-1:25



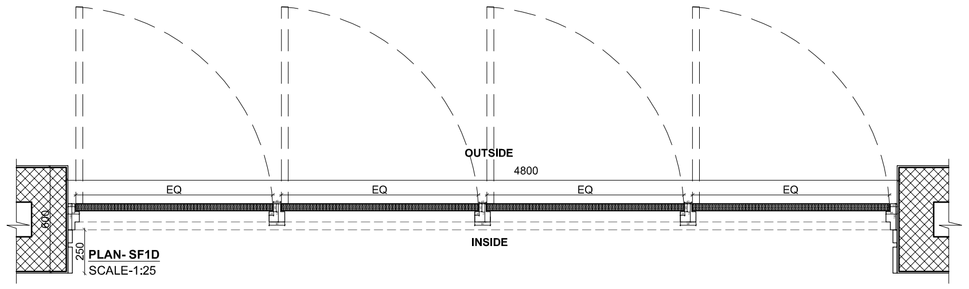
ELEVATION (OUTSIDE)- SF1E
SCALE-1:25



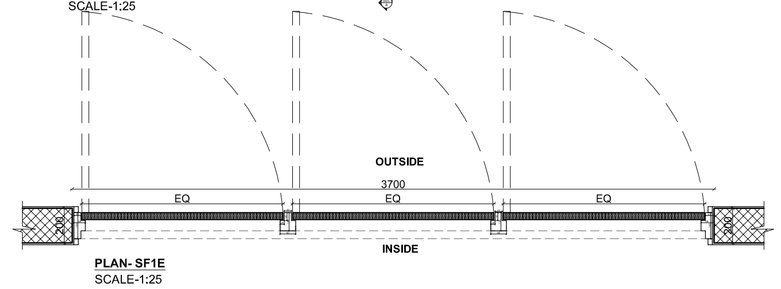
ELEVATION (INSIDE)- SF1D
SCALE-1:25



ELEVATION (INSIDE)- SF1E
SCALE-1:25



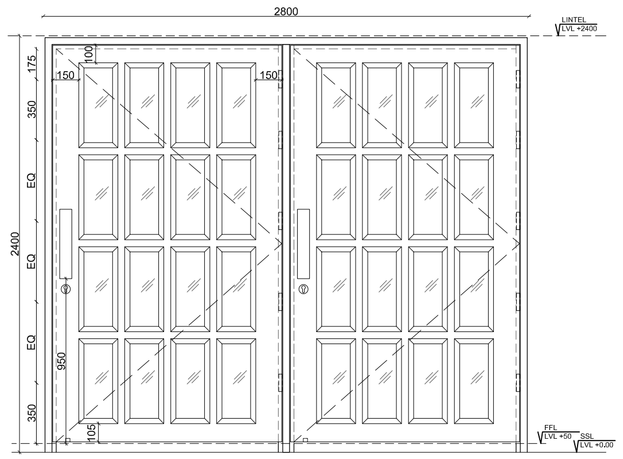
PLAN- SF1D
SCALE-1:25



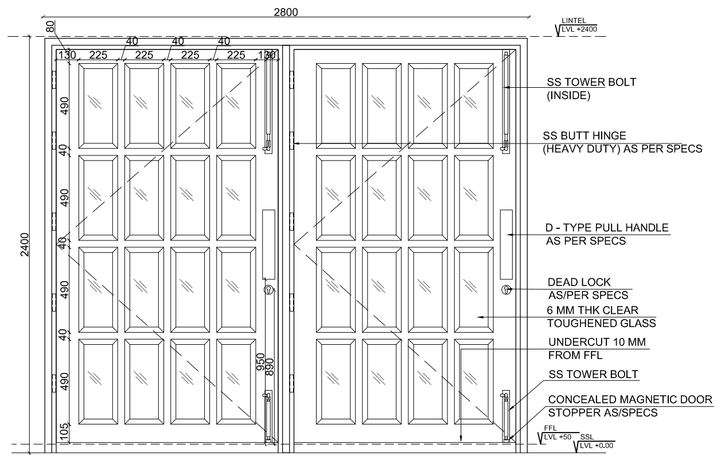
PLAN- SF1E
SCALE-1:25

SF1D		
	SIZE (rough opening):	4700 X 2400
	SIZE (finished opening):	4680 X 2340
	TYPE:	WOOD & GLASS DOOR
	LOCATION:	CONFERENCE ROOM

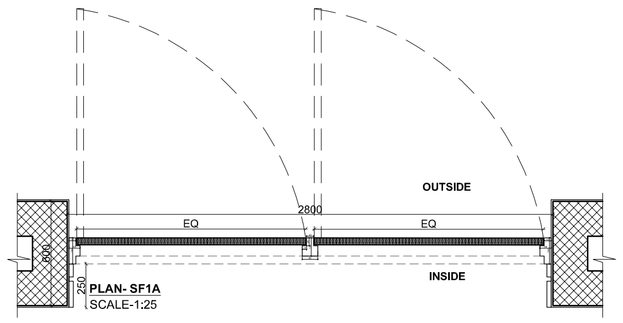
SF1E		
	SIZE (rough opening):	3700 X 2400
	SIZE (finished opening):	3680 X 2340
	TYPE:	WOOD & GLASS DOOR
	LOCATION:	COURT / DINING ROOM / LOUNGE/ BEDROOMS ETC



ELEVATION (OUTSIDE)- SF1A
SCALE-1:25

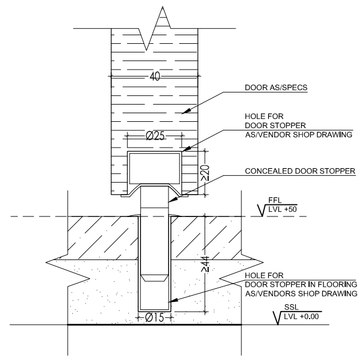


ELEVATION (INSIDE)- SF1A
SCALE-1:25



PLAN- SF1A
SCALE-1:25

SF1A		
	SIZE (rough opening):	2800 X 2400
	SIZE (finished opening):	2780 X 2340
	TYPE:	WOOD & GLASS DOOR
	LOCATION:	WAITING ROOM



CONCEALED MAGNETIC DOOR STOPPER DETAIL
SCALE - 1:2

NOTES

- Dimensions are not to be scaled.
- All dimensions are in millimeters unless stated otherwise.
- All levels are in millimeters and relate to given datum level.
- The contractor shall verify all dimensions, details,specifications & site conditions & shall report any error, omission and/or anomaly to the campus designer before commencement of work.
- For construction purposes, the dimensions shall not be measured directly of the drawings, the drawings shall not be used for construction until they are issued for construction.
- These drawings are to be read in co-ordination with hvac, electrical, plumbing, fr drawings & all relevant sections of specifications.,
- All shop drawings should be provided to the campus designer for approval.
- Provide drip course on the bottom of all external, horizontal edges and surfaces (concrete, stone, plaster, etc) as per dimensions and shape provided in detail.
- Shuttering pattern drawing to be provided to the campus designer for approval.
- Vendors to provide shop drawings for the approval from the campus designer.
- Shuttering elevation shop drawing to reflect tie rod locations. tie rods should be equally spaced and aligned according to the shuttering pattern, consider; tie rod pvc dia 41mm and pvc cone dia43mm

KEY PLAN

NOTE

- CLEAR PU POLISH COATING ON ALL WOODEN DOOR/ WINDOWS.

LIST OF HARDWARE

HARDWARE FOR DOORS

DOOR TAG	SILL	LINTEL	HARDWARE TYPOLOGY	NO. OF ITEMS PER DOOR SHUTTER	TOTAL NO. ITEMS
SF1A	0	2400	15 BUTT HINGE 4" LONG	5	15
			600MM 11 TOWER BOLT (BRUSH FINISH)	1	2
			300MM 11 TOWER BOLT (BRUSH FINISH)	1	2
			CONCEALED MAGNETIC DOOR STOPPER	1	1
			DEAD LOCK	1	1
SF1C	0	2400	15 BUTT HINGE 4" LONG	5	20
			600MM 11 TOWER BOLT (BRUSH FINISH)	1	4
			300MM 11 TOWER BOLT (BRUSH FINISH)	1	4
			CONCEALED MAGNETIC DOOR STOPPER	1	4
			DEAD LOCK	1	4
SF1D	0	2400	15 BUTT HINGE 4" LONG	5	20
			600MM 11 TOWER BOLT (BRUSH FINISH)	1	4
			300MM 11 TOWER BOLT (BRUSH FINISH)	1	4
			CONCEALED MAGNETIC DOOR STOPPER	1	4
			DEAD LOCK	1	4
SF1E	0	2400	15 BUTT HINGE 4" LONG	5	15
			600MM 11 TOWER BOLT (BRUSH FINISH)	1	3
			300MM 11 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1F	0	2400	15 BUTT HINGE 4" LONG	5	20
			600MM 11 TOWER BOLT (BRUSH FINISH)	1	4
			300MM 11 TOWER BOLT (BRUSH FINISH)	1	4
			CONCEALED MAGNETIC DOOR STOPPER	1	4
			DEAD LOCK	1	4
SF1G	450	2400	15 BUTT HINGE 4" LONG	4	20
			600MM 11 TOWER BOLT (BRUSH FINISH)	1	4
			150MM 11 TOWER BOLT (BRUSH FINISH)	1	4
SF1H	450	2400	15 BUTT HINGE 4" LONG	4	12
			600MM 11 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
SF1J	0	2400	15 BUTT HINGE 4" LONG	5	5
			CONCEALED MAGNETIC DOOR STOPPER	1	1
			DEAD LOCK	1	1
SF1K	200	2400	15 BUTT HINGE 4" LONG	5	25
			600MM 11 TOWER BOLT (BRUSH FINISH)	1	5
			300MM 11 TOWER BOLT (BRUSH FINISH)	1	5
WG1- SERIES (WG1A, WG1B, WG1C)	0	2400	PIVOT TOP AND BOTTOM ASSEMBLY	1	5
			450MM 11 TOWER BOLT (BRUSH FINISH)	1	5
			LEVER HANDLE AND SASH LOCK	1	5
			DEAD LOCK	1	5
D27A	0	2100	15 BUTT HINGE 4" LONG	4	16
			450MM 11 TOWER BOLT (BRUSH FINISH)	1	4
			LEVER HANDLE AND SASH LOCK	1	4
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	4
D27B	0	2400	15 BUTT HINGE 4" LONG	5	20
			600MM 11 TOWER BOLT (BRUSH FINISH)	1	4
			LEVER HANDLE AND SASH LOCK	1	4
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	4
D27C	300	2400	15 BUTT HINGE 4" LONG	5	20
			600MM 11 TOWER BOLT (BRUSH FINISH)	1	4
			LEVER HANDLE AND SASH LOCK	1	4
			DOOR MOUNTED HANGING TYPE DOOR STOPPER	1	4
D25 SERIES (D25A, D25B)	0	2400	15 BUTT HINGE 4" LONG	5	20
			600MM 11 TOWER BOLT (BRUSH FINISH)	1	4
			LEVER HANDLE AND SASH LOCK	1	4
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	4
D17 SERIES (D17A, D1 7B, D17C)	0	2100 OR 2400	15 BUTT HINGE 4" LONG	4	12
			600MM 11 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3

HARDWARE FOR WINDOWS

WINDOW TAG	SILL	LINTEL	HARDWARE TYPOLOGY	NO. OF ITEMS PER SHUTTER	TOTAL NO. ITEMS
GB01A (OPENABLE WINDOW)	140	2400	15 BUTT HINGE 4" LONG	4	8
			450MM 11 TOWER BOLT (BRUSH FINISH)	1	2
			CONCEALED MAGNETIC DOOR STOPPER	1	2
WU1A	450	2400	15 HINGE	4	8
			HANDLE	1	2
			MULTI POINT LOCKING SYSTEM	1	2
WV1- SERIES (WV1A, WV1C, WV1B)	VARYING	VARYING	15 HINGE	4	8
			FRICTION STAY	1	2
			HANDLE	1	2
			MULTI POINT LOCKING SYSTEM	1	2
WV2- SERIES (WV2A, WV2B, WV2C)	VARYING	VARYING	15 HINGE	4	8
			FRICTION STAY	1	2
			HANDLE	1	2
			MULTI POINT LOCKING SYSTEM	1	2

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER

CLIENTS :
INDIAN INSTITUTE OF TECHNOLOGY (IIT) HYDERABAD
Permanent Campus - Project Office,
Kandi Village, Sangareddy- Mandal
Medak- District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT.LTD
A-5,Paryavan Complex, Gk 1
New Delhi 110048
Phone : 011-26442050

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
STEADFAST STRUCTURAL CONSULTANTS HYDERABAD +91 9701797196

MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

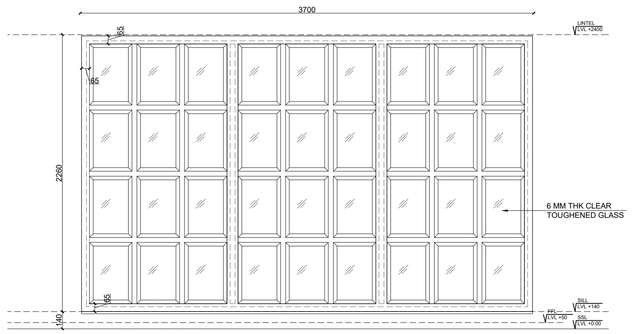
Job Title
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
DOOR / WINDOW DETAILS 02

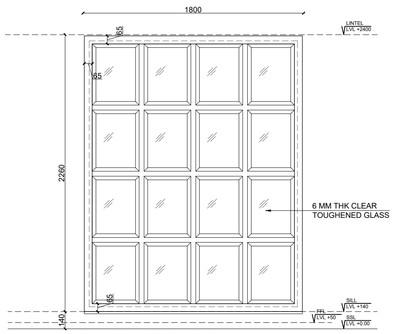
Document Release Type
TENDER/ GOOD FOR CONSTRUCTION

Job No. 2025/05	NORTH
Scale AS MENTIONED @ A1	
15 SEPT 2025	Drawing No. TYP-AR-1002
Drawn by AB	
Checked by SM	Revision No. R0

AUTHORITY :



ELEVATION (OUTSIDE) - WF01A
SCALE-1:25



ELEVATION (OUTSIDE) - WF01B
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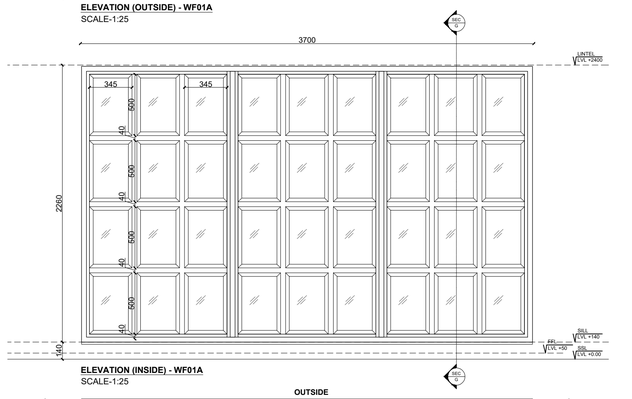

ELEVATION (INSIDE) - WF01A
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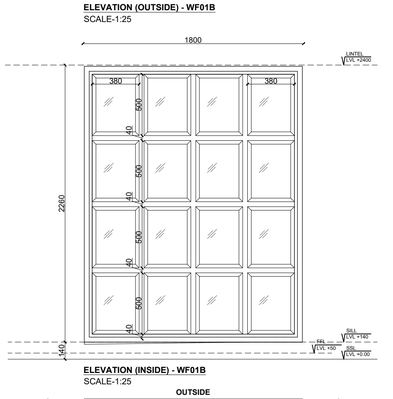

ELEVATION (INSIDE) - WF01B
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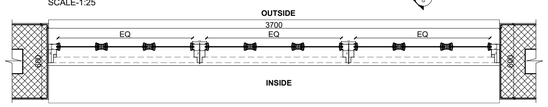
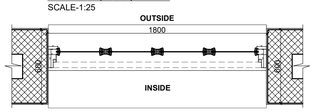


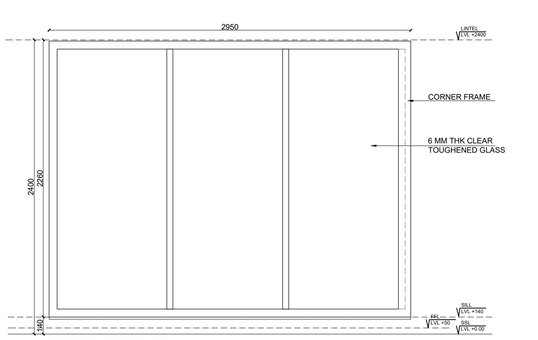
PLAN - WF01A
SCALE-1:25



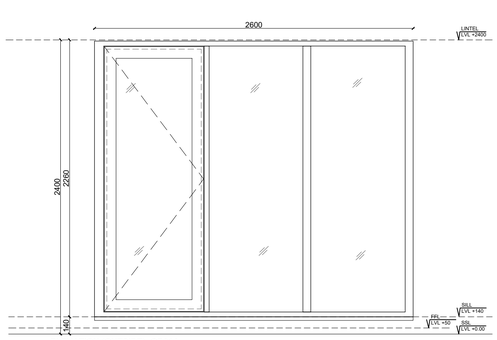
PLAN - WF01B
SCALE-1:25

WF01A	SIZE (rough opening):	3700 X 2260
	SIZE (finished opening):	3680 X 2250
	TYPE:	WOOD & GLASS WINDOW
	LOCATION:	CONFERENCE ROOM / OFFICE / OFFICE FOYER / STAFF ROOM

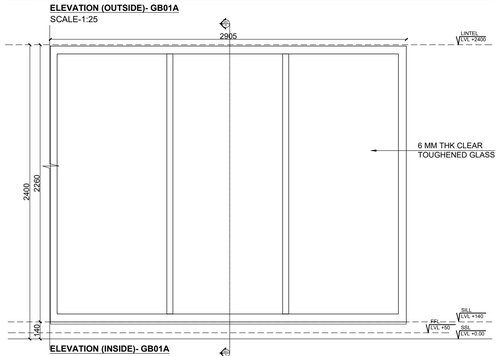
WF01B	SIZE (rough opening):	1800 X 2260
	SIZE (finished opening):	1780 X 2250
	TYPE:	WOOD & GLASS WINDOW
	LOCATION:	LIVING ROOM



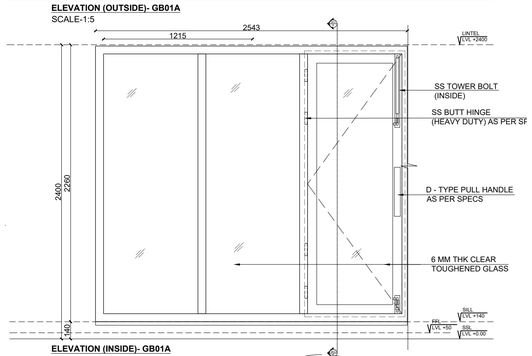
ELEVATION (OUTSIDE)- GB01A
SCALE-1:25



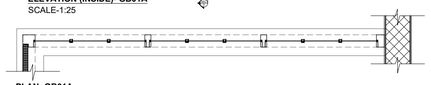
ELEVATION (OUTSIDE)- GB01A
SCALE-1:5



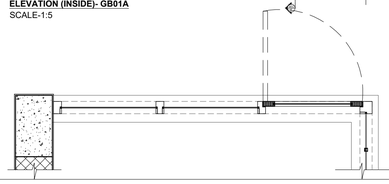
ELEVATION (INSIDE)- GB01A
SCALE-1:25



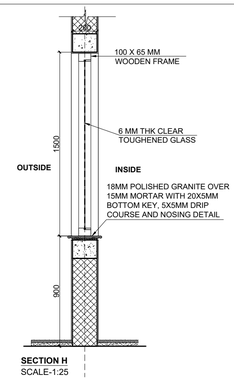
ELEVATION (INSIDE)- GB01A
SCALE-1:5



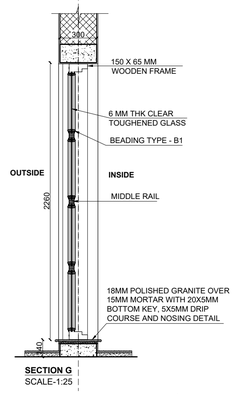
PLAN- GB01A
FIXED GLASS WINDOW
SCALE-1:25



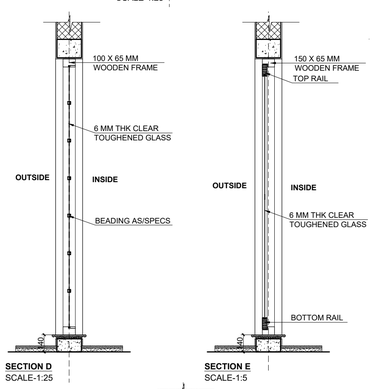
ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN



SECTION H
SCALE-1:25

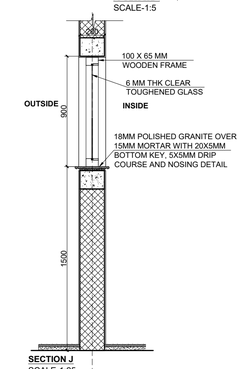


SECTION G
SCALE-1:25



SECTION D
SCALE-1:25

SECTION E
SCALE-1:5



SECTION J
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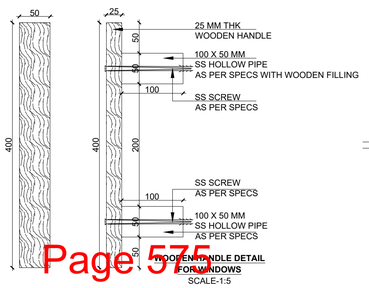
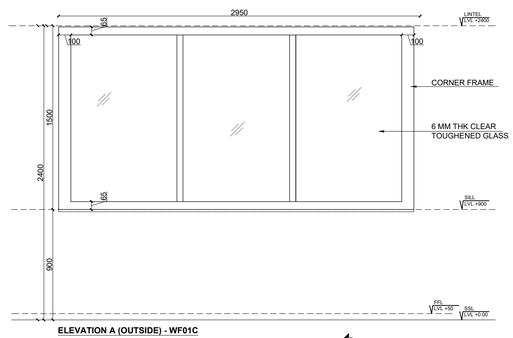
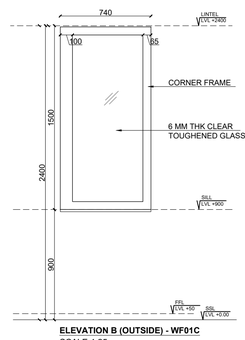


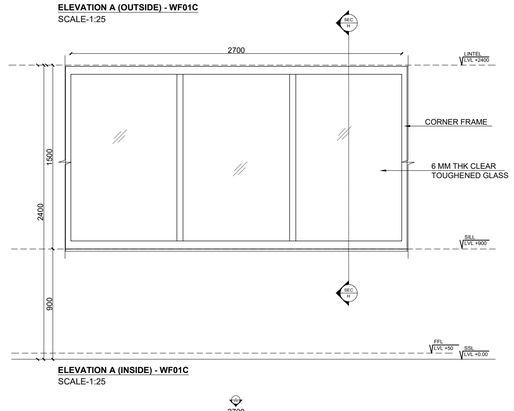
WOODEN HANDLE DETAIL FOR WINDOWS
SCALE-1:5



ELEVATION A (OUTSIDE) - WF01C
SCALE-1:25



ELEVATION B (OUTSIDE) - WF01C
SCALE-1:25



ELEVATION A (INSIDE) - WF01C
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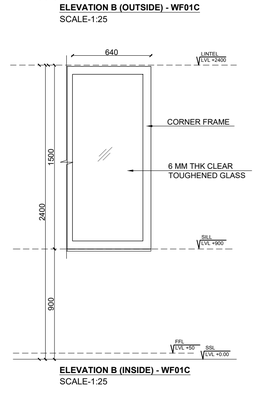
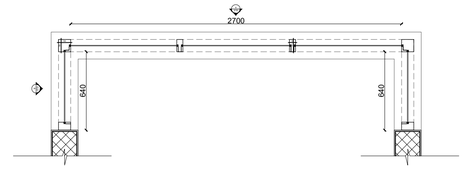
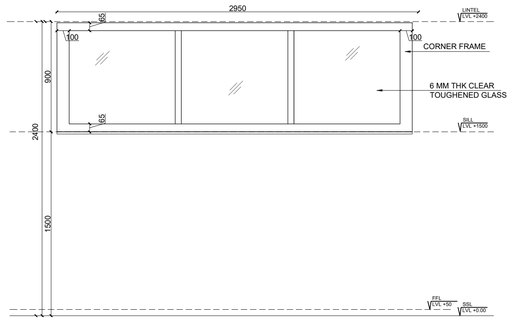


ELEVATION B (INSIDE) - WF01C
SCALE-1:25

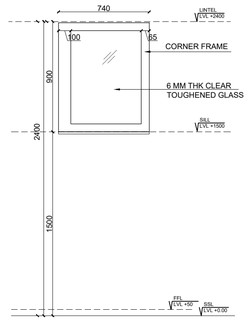


PLAN - WF01C
SCALE-1:25

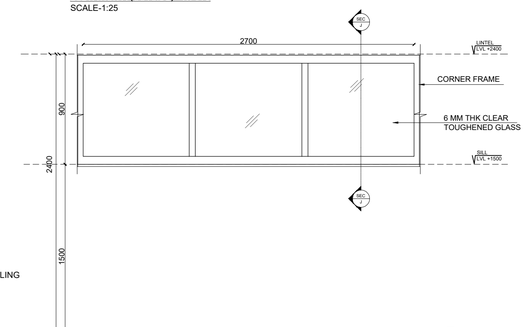
WF01C	SIZE (rough opening):	650W-2700D X 1500
	SIZE (finished opening):	640W-2700D X 1490
	TYPE:	WOOD & GLASS WINDOW
	LOCATION:	GUARD ROOM



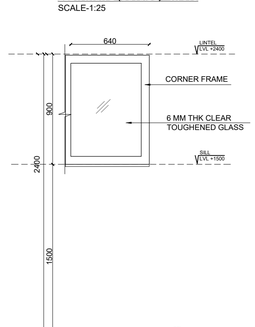
ELEVATION A (OUTSIDE) - WF01C
SCALE-1:25



ELEVATION B (OUTSIDE) - WF01C
SCALE-1:25



ELEVATION A (INSIDE) - WF01C
SCALE-1:25



ELEVATION B (INSIDE) - WF01C
SCALE-1:25

WF01D	SIZE (rough opening):	650W-2700D X 900
	SIZE (finished opening):	640W-2700D X 890
	TYPE:	WOOD & GLASS WINDOW
	LOCATION:	TOILET

NOTES
- Dimensions are not to be scaled.
- All dimensions are in millimeters unless stated otherwise.
- All levels are in millimeters and relate to given datum level.
- The contractor shall verify all dimensions, details,specifications & site conditions & shall report any error, omission and/or anomaly to the campus designer before commencement of work.
- For construction purposes, the dimensions shall not be measured directly of the drawings. the drawings shall not be used for construction until they are issued for construction.
- These drawings are to be read in co-ordination with hvac, electrical, plumbing, it drawings & all relevant sections of specifications.
- All shop drawings should be provided to the campus designer for approval.
- Provide drip course on the bottom of all external, horizontal edges and surfaces (concrete, stone, plaster, etc) as per dimensions and shape provided in detail.
- Shuttering pattern drawing to be provided to the campus designer for approval.
- Vendors to provide shop drawings for the approval from the campus designer.
- Shuttering elevation shop drawing to reflect tie rod locations. tie rods should be equally spaced and aligned according to the shuttering pattern. consider: tie rod pvc dia =19mm and pvc core dia=30mm.

KEY PLAN

NOTE
- CLEAR PU POLISH COATING ON ALL WOODEN DOOR/ WINDOWS.

LIST OF HARDWARE

HARDWARE FOR DOORS

DOOR TAG	SILL	LINTEL	HARDWARE TYPOLOGY	NO. OF ITEMS PER DOOR SHUTTER	TOTAL NO. ITEMS
SF1A	0	2400	51 BUTT HINGE 4" LONG	5	15
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1C	0	2400	51 BUTT HINGE 4" LONG	5	10
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	2
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	2
			CONCEALED MAGNETIC DOOR STOPPER	1	2
			DEAD LOCK	1	2
SF1D	0	2400	51 BUTT HINGE 4" LONG	5	15
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1E	0	2400	51 BUTT HINGE 4" LONG	5	15
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1F	0	2400	51 BUTT HINGE 4" LONG	5	15
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1G	450	2400	51 BUTT HINGE 4" LONG	4	12
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			150MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			51 BUTT HINGE 4" LONG	4	12
SF1H	450	2400	600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			51 BUTT HINGE 4" LONG	5	15
SF1J	0	2400	CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1K	200	2400	51 BUTT HINGE 4" LONG	5	15
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	3
WG11- SERIES (WG1A, WG1B, WG1C)	0	2400	PIVOT TOP AND BOTTOM WITH SIDES 5	1	3
			450MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			51 BUTT HINGE 4" LONG	4	12
D27A	0	2100	450MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3
D27B	0	2400	51 BUTT HINGE 4" LONG	4	12
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3
D27C	300	2400	51 BUTT HINGE 4" LONG	4	12
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			DOOR MOUNTED HANGING TYPE DOOR STOPPER	1	3
D25-SERIES (D25A, D25B)	0	2400	51 BUTT HINGE 4" LONG	4	12
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3
D17-SERIES (D17A, D17B, D17C)	0	2100 OR 2400	51 BUTT HINGE 4" LONG	4	12
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3

HARDWARE FOR WINDOWS

WINDOW TAG	SILL	LINTEL	HARDWARE TYPOLOGY	NO. OF ITEMS PER SHUTTER	TOTAL NO. ITEMS
GB01A (OPENABLE WINDOW)	140	2400	51 BUTT HINGE 4" LONG	4	8
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	2
			150MM S1 TOWER BOLT (BRUSH FINISH)	1	2
WG1A	450	2400	15 HINGE	4	8
			FRICTION STAY	1	2
			HANDLE	1	2
WG1-SERIES (WG1B, WG1C, WG1D)	VARYING	VARYING	MULTI-POINT LOCKING SYSTEM	1	2
			15 HINGE	4	8
			FRICTION STAY	1	2
			HANDLE	1	2
WG2- SERIES (WG2A, WG2B, WG2C)	VARYING	VARYING	MULTI-POINT LOCKING SYSTEM	1	2
			15 HINGE	4	8
			FRICTION STAY	1	2
			HANDLE	1	2
			MULTI-POINT LOCKING SYSTEM	1	2

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER

CLIENTS :
INDIAN INSTITUTE OF TECHNOLOGY (IIT) HYDERABAD
Permanent Campus - Project Office
Kandi Village, Sangareddy- Mandal
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CAMPUS DESIGNER:
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MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

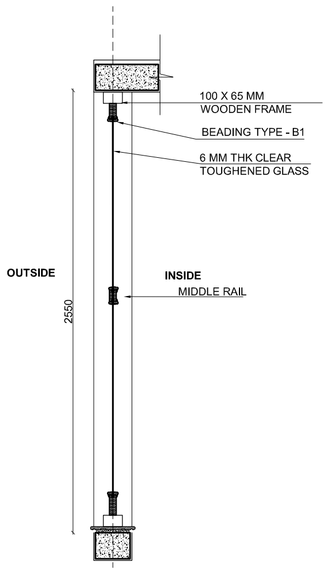
Architect's Signature	Client's Signature

Job Title
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
DOOR / WINDOW DETAILS 04

Document Release Type
TENDER/ GOOD FOR CONSTRUCTION

Job No. 2025/05	NORTH
Scale AS MENTIONED @ A1	
15 SEPT 2025	Drawing No. TYP-AR-1004
Drawn by AR	
Checked by AB	Revision No. R0
AUTHORITY :	



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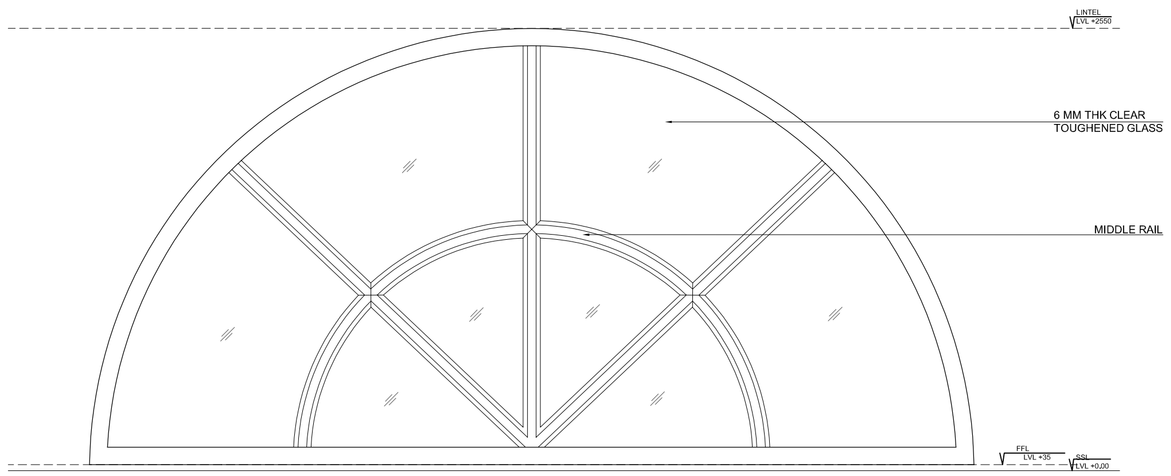
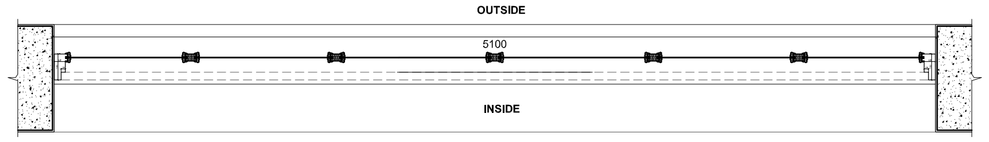
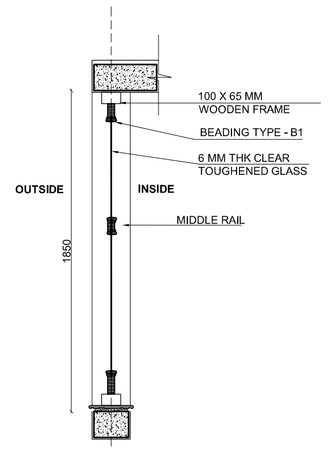




PLAN - WF02A
SCALE-1:25

WF02A	SIZE (rough openIng): SIZE (finished opening): TYPE: LOCATION:	5100 X 2550 5080 X 2515 WOOD & GLASS FIXED WINDOW OFFICE ENTRY & FOYER



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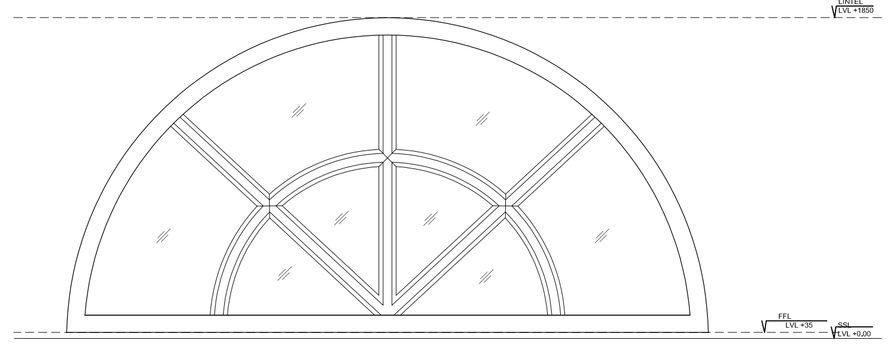

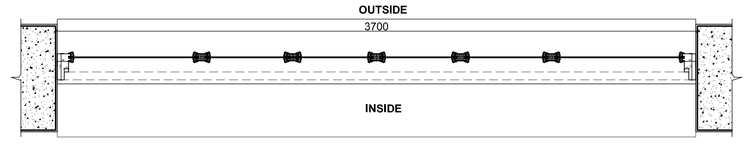

PLAN - WF02B
SCALE-1:25

WF02B	SIZE (rough opening): SIZE (finished opening): TYPE: LOCATION:	3700 X 1850 3680 X 1830 WOOD & GLASS FIXED WINDOW LIVING ROOM & DINING ROOM

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES

- Dimensions are not to be scaled.
- All dimensions are in millimeters unless stated otherwise.
- All levels are in millimeters and relate to given datum level.
- The contractor shall verify all dimensions, details,specifications & site conditions & shall report any error, omission and/or anomaly to the campus designer before commencement of work.
- For construction purposes, the dimensions shall not be measured directly of the drawings, the drawings shall not be used for construction until they are issued for construction.
- These drawings are to be read in co-ordination with hvac, electrical, plumbing, it drawings & all relevant sections of specifications..
- All shop drawings should be provided to the campus designer for approval.
- Provide drip course on the bottom of all external, horizontal edges and surfaces (concrete, stone, plaster, etc) as per dimensions and shape provided in detail.
- Shuttering pattern drawing to be provided to the campus designer for approval.
- Vendors to provide shop drawings for the approval from the campus designer.
- Shuttering elevation shop drawing to reflect tie rod locations. tie rods should be equally spaced and aligned according to the shuttering pattern. consider: tie rod pvc dia 41mm and pvc cone dia40mm

KEY PLAN

NOTE

- CLEAR PU POLISH COATING ON ALL WOODEN DOOR/ WINDOWS.

LIST OF HARDWARE

DOOR TAG	SILL	LINTEL	HARDWARE FOR DOORS HARDWARE TYPOLOGY	NO. OF ITEMS PER DOOR SHUTTER	TOTAL NO. ITEMS
SF1A	0	2400	51 BUTT HINGE 4" LONG	5	15
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1C	0	2400	51 BUTT HINGE 4" LONG	5	20
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	4
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	4
			CONCEALED MAGNETIC DOOR STOPPER	1	4
			DEAD LOCK	1	4
SF1D	0	2400	51 BUTT HINGE 4" LONG	5	15
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1E	0	2400	51 BUTT HINGE 4" LONG	5	15
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1F	0	2400	51 BUTT HINGE 4" LONG	5	25
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	5
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	5
			CONCEALED MAGNETIC DOOR STOPPER	1	5
			DEAD LOCK	1	5
SF1G	450	2400	51 BUTT HINGE 4" LONG	4	20
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	5
			150MM S1 TOWER BOLT (BRUSH FINISH)	1	5
			51 BUTT HINGE 4" LONG	4	12
SF1H	450	2400	600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			150MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			51 BUTT HINGE 4" LONG	5	15
SF1J	0	2400	CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1K	200	2400	51 BUTT HINGE 4" LONG	5	25
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	5
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	5
WG1S - SERIES (WG1A, WG1B, WG1C)	0	2400	PIVOT TOP AND BOTTOM ASSEMBLY	1	3
			450MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			DEAD LOCK	1	3
D27A	0	2100	51 BUTT HINGE 4" LONG	4	12
			450MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3
D27B	0	2400	51 BUTT HINGE 4" LONG	4	12
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3
D27C	300	2400	51 BUTT HINGE 4" LONG	4	12
			450MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			DOOR MOUNTED HANGING TYPE DOOR STOPPER	1	3
D25 -SERIES (D25A, D25B)	0	2400	51 BUTT HINGE 4" LONG	4	12
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3
D27 -SERIES (D27A, D27B, D27C)	0	2100 OR 2400	51 BUTT HINGE 4" LONG	4	12
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3

HARDWARE FOR WINDOWS

WINDOW TAG	SILL	LINTEL	HARDWARE TYPOLOGY	NO. OF ITEMS PER SHUTTER	TOTAL NO. ITEMS
GW01A (OPENABLE WINDOW)	140	2400	51 BUTT HINGE 4" LONG	4	4
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	1
			150MM S1 TOWER BOLT (BRUSH FINISH)	1	1
W01A	450	2400	S1 HINGE	4	4
			FRICTION STAY	1	1
			HANDLE	1	1
W01S -SERIES (W01B, W01C, W01D)	VARYING	VARYING	MULTI POINT LOCKING SYSTEM	1	1
			S1 HINGE	3	3
			FRICTION STAY	1	1
			HANDLE	1	1
W02 -SERIES (W02A, W02B, W02C)	VARYING	VARYING	MULTI POINT LOCKING SYSTEM	1	1
			S1 HINGE	3	3
			FRICTION STAY	1	1
			HANDLE	1	1
			MULTI POINT LOCKING SYSTEM	1	1

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER.

CLIENTS :
INDIAN INSTITUTE OF TECHNOLOGY (IIT) HYDERABAD
Permanent Campus - Project Office,
Kandi Village, Sangareddy Mandal
Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
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MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

Job Title
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

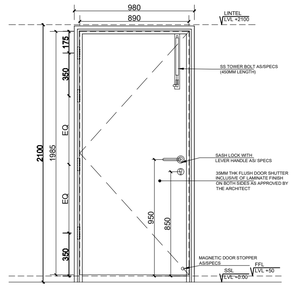
Drawing Title
DOOR / WINDOW DETAILS 04A

Document Release Type
TENDER/ GOOD FOR CONSTRUCTION

Job No. **2025/05**	NORTH **N**
Scale AS MENTIONED @ A1	
15 SEPT 2025	Drawing No. **TYP-AR-1004A**
Drawn by AR	
Checked by AB	Revision No. R0

AUTHORITY :

Page 576



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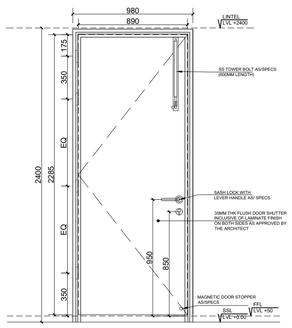

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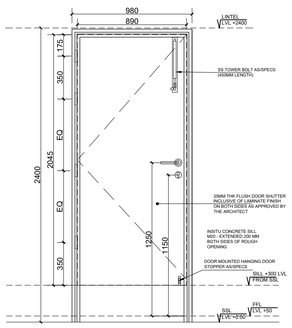

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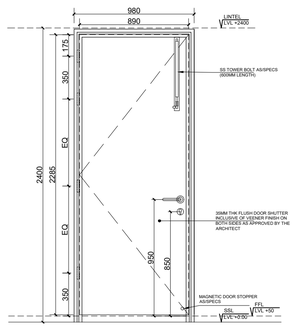

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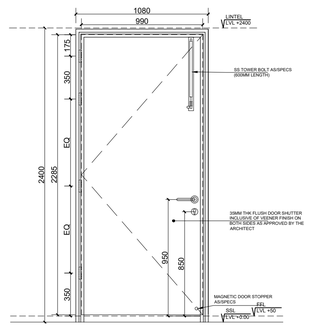

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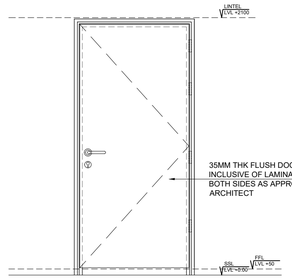

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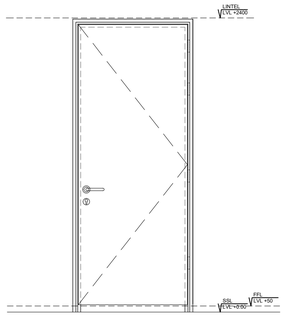

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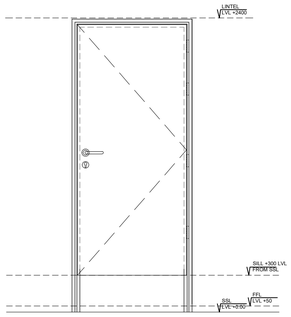

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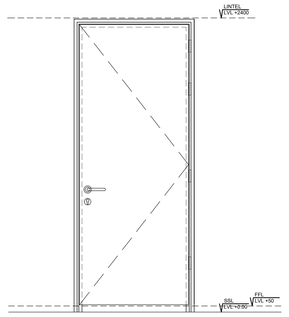

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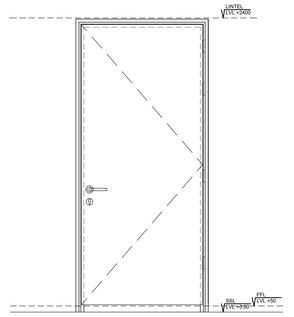

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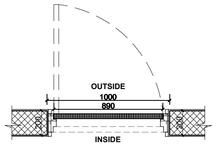

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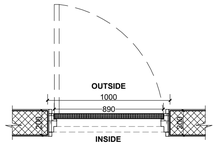

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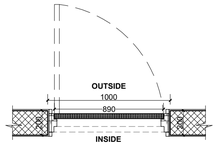

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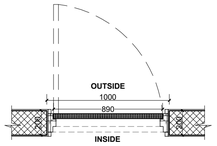

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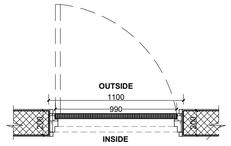


PLAN- D25B
SCALE-1:25

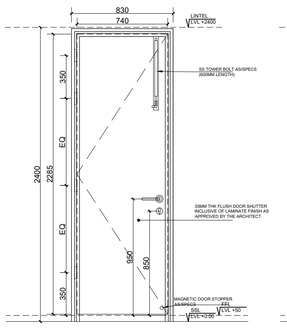
D27A	SIZE (rough opening): SIZE (finished opening): TYPE: LOCATION:	1000 X 2100 980 X 2040 FLUSH DOOR SERVANT QUARTER / GUARD ROOM

D27B	SIZE (rough opening): SIZE (finished opening): TYPE: LOCATION:	1000 X 2400 980 X 2340 FLUSH DOOR ELE / KITCHEN TO UTILITY

D27C	SIZE (rough opening): SIZE (finished opening): TYPE: LOCATION:	1000 X 2100 980 X 2340 FLUSH DOOR TERRACE

D25A	SIZE (rough opening): SIZE (finished opening): TYPE: LOCATION:	1000 X 2400 980 X 2340 FLUSH DOOR OFFICE / GYM / DINING TO KITCHEN

D25B	SIZE (rough opening): SIZE (finished opening): TYPE: LOCATION:	1100 X 2400 1080 X 2340 FLUSH DOOR MASTER BED / KITCHEN / MASTER BEDROOM SOUTH SIDE



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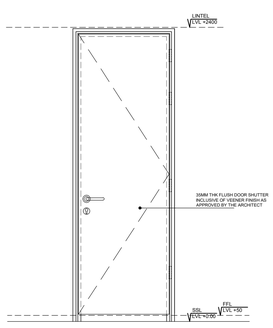

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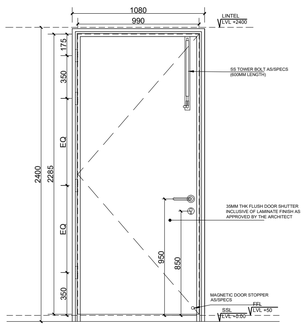
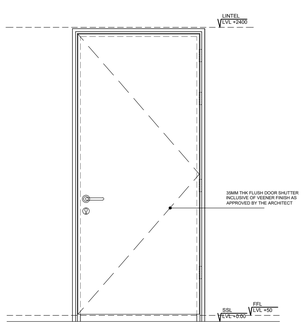
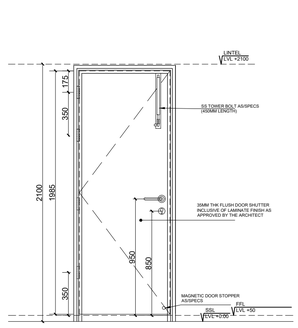


ELEVATION (INSIDE) - D17B
SCALE-1:25



ELEVATION (OUTSIDE) - D17B
SCALE-1:25



ELEVATION (INSIDE) - D17C
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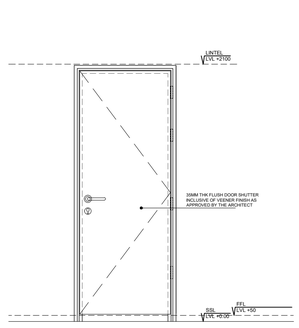
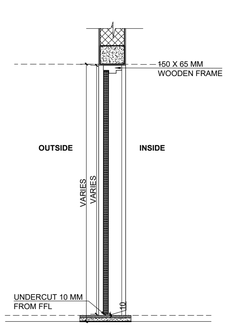
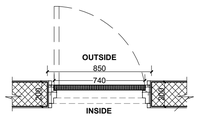


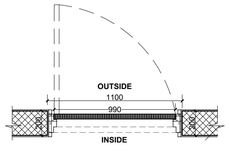
ELEVATION (OUTSIDE) - D17C
SCALE-1:25



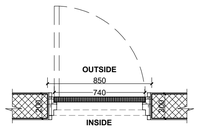
TYPICAL SECTION
SCALE-1:25



PLAN- D17A
SCALE-1:25



PLAN- D17B
SCALE-1:25



PLAN- D17C
SCALE-1:25

D17A	SIZE (rough opening): SIZE (finished opening): TYPE: LOCATION:	850 X 2400 830 X 2340 FLUSH DOOR OTHER TOILETS

D17B	SIZE (rough opening): SIZE (finished opening): TYPE: LOCATION:	1100 X 2400 1080 X 2340 FLUSH DOOR MASTER BEDROOM TOILET

D17C	SIZE (rough opening): SIZE (finished opening): TYPE: LOCATION:	850 X 2100 830 X 2040 FLUSH DOOR SERVANT QUARTER / GUARD ROOM

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

NOTES

- Dimensions are not to be scaled.
- All dimensions are in millimeters unless stated otherwise.
- All levels are in millimeters and relate to given datum level.
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- All shop drawings should be provided to the campus designer for approval.
- Provide drip course on the bottom of all external, horizontal edges and surfaces (concrete, stone, plaster, etc) as per dimensions and shape provided in detail.
- Shuttering pattern drawing to be provided to the campus designer for approval.
- Vendors to provide shop drawings for the approval from the campus designer.
- Shuttering elevation shop drawing to reflect tie rod locations. tie rods should be equally spaced and aligned according to the shuttering pattern. consider: tie rod pvc dia =19mm and pvc cone dia=30mm.

KEY PLAN

NOTE

- CLEAR PU POLISH COATING ON ALL WOODEN DOOR/ WINDOWS.

LIST OF HARDWARE

HARDWARE FOR DOORS

DOOR TAG	SILL	LINTEL	HARDWARE TYPOLOGY	NO. OF ITEMS/ PER DOOR SHUTTER	TOTAL NO. ITEMS
SF1A	0	2400	51 BUTT HINGE 4" LONG	5	15
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1C	0	2400	51 BUTT HINGE 4" LONG	5	10
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	2
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	2
			CONCEALED MAGNETIC DOOR STOPPER	1	2
			DEAD LOCK	1	2
SF1D	0	2400	51 BUTT HINGE 4" LONG	5	20
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	4
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	4
			CONCEALED MAGNETIC DOOR STOPPER	1	4
			DEAD LOCK	1	4
SF1E	0	2400	51 BUTT HINGE 4" LONG	5	15
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1F	0	2400	51 BUTT HINGE 4" LONG	5	25
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	5
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	5
			CONCEALED MAGNETIC DOOR STOPPER	1	5
			DEAD LOCK	1	5
SF1G	450	2400	51 BUTT HINGE 4" LONG	4	20
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	5
			150MM S1 TOWER BOLT (BRUSH FINISH)	1	5
SF1H	450	2400	51 BUTT HINGE 4" LONG	4	12
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	3
SF1J	0	2400	51 BUTT HINGE 4" LONG	5	15
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1K	200	2400	51 BUTT HINGE 4" LONG	5	25
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	5
			300MM S1 TOWER BOLT (BRUSH FINISH)	1	5
WG1S - SERIES (WG1A, WG1B, WG1C)	0	2400	PIVOT TOP AND BOTTOM ASYEMBLY	1	3
			450MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			DEAD LOCK	1	3
D27A	0	2100	51 BUTT HINGE 4" LONG	4	12
			450MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3
D27B	0	2400	51 BUTT HINGE 4" LONG	4	12
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3
D27C	300	2400	51 BUTT HINGE 4" LONG	4	12
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			DOOR MOUNTED HANGING TYPE DOOR STOPPER	1	3
D25 -SERIES (D25A, D25B)	0	2400	51 BUTT HINGE 4" LONG	4	12
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3
D17 -SERIES (D17A, D17B, D17C)	0	2100 OR 2400	51 BUTT HINGE 4" LONG	4	12
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3

HARDWARE FOR WINDOWS

WINDOW TAG	SILL	LINTEL	HARDWARE TYPOLOGY	NO. OF ITEMS/ PER SHUTTER	TOTAL NO. ITEMS
GW1A (SPRUNG HINGING)	140	2400	51 BUTT HINGE 4" LONG	4	4
			600MM S1 TOWER BOLT (BRUSH FINISH)	1	1
			150MM S1 TOWER BOLT (BRUSH FINISH)	1	1
W1S A	450	2400	51 HINGE	4	12
			FRICTION STAY	1	3
			HANDLE	1	3
W1S -SERIES (W1S B, W1S C, W1S D)	VARYING	VARYING	MULTI-POINT LOCKING SYSTEM	1	3
			S1 HINGE	3	9
			FRICTION STAY	1	3
			HANDLE	1	3
W1S2 -SERIES (W1S2A, W1S2B, W1S2C)	VARYING	VARYING	MULTI-POINT LOCKING SYSTEM	1	3
			S1 HINGE	3	9
			FRICTION STAY	1	3
			HANDLE	1	3
			MULTI-POINT LOCKING SYSTEM	1	3

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER.

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INDIAN INSTITUTE OF TECHNOLOGY (IIT) HYDERABAD
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A-15,Panipath Enclave, G.F, 1
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Phone : 011-28442000

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
STEADFAST STRUCTURAL CONSULTANTS, HYDERABAD +91 9701797188

MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

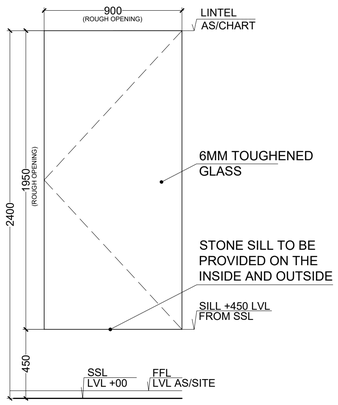
Job Title
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
DOOR / WINDOW DETAILS 05

Document Release Type
TENDER/ GOOD FOR CONSTRUCTION

Job No. 2025/05	NORTH
Scale AS MENTIONED @ A1	
15 SEPT 2025	Drawing No. TYP-AR-1005
Drawn by AR	
Checked by AB	Revision No. R0

AUTHORITY :



WU1 A
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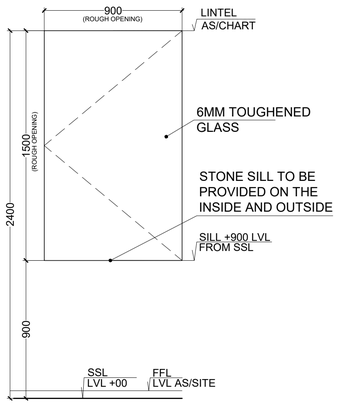
SCALE 1:20



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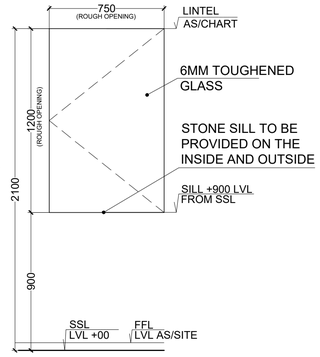

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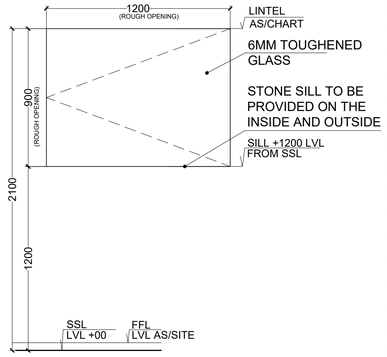

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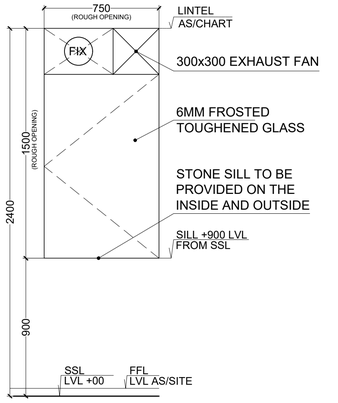

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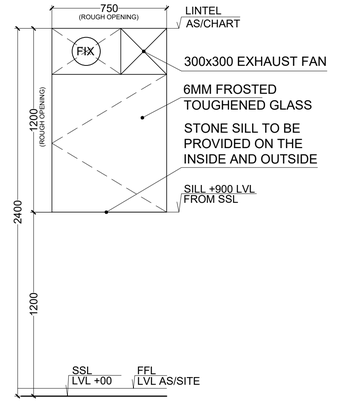

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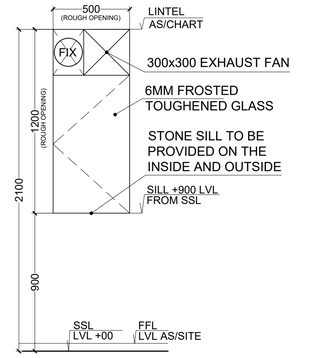

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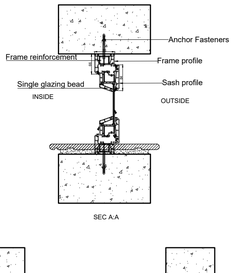
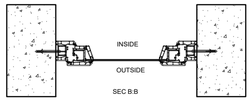
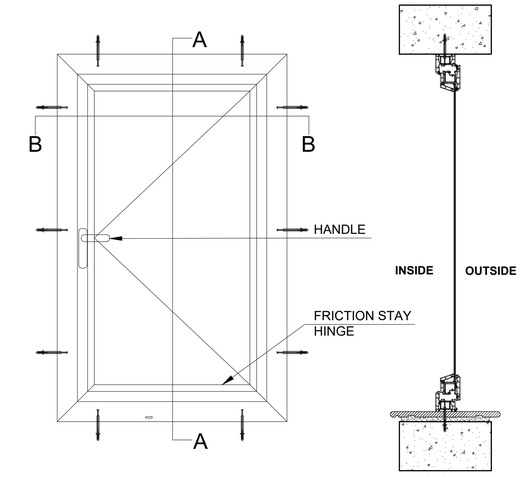
ELEVATION
SCALE 1:20



SEC A-A



SEC B:B



SEC A:A

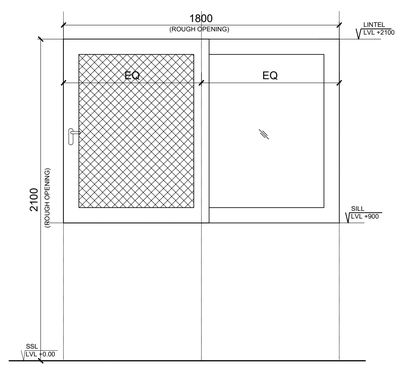
SEC B:B

UPVC PROFILE :	
PLEASE REFER CPWD FOR PROFILES	

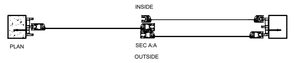
HARDWARE :		REQUIREMENT PER WINDOW
1.	FRICTION STAY OF STAINLESS STEEL GRADE 304	1
2.	HANDLE	1
3.	LOCKING SYSTEM SUITABLY CONCEALED	1
3.	SS HINGE	3

OTHER COMPONENTS :	
1.	RAISER WEDGE
2.	ANCHOR FASTENERS
3.	SILICON RUBBER SEALANT
4.	GLAZING BEAD
5.	EPDM GASKET

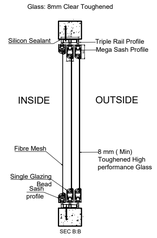
SCALE 1:10
ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN



WU3 A
ELEVATION
SCALE 1:20



WU3A		
	SIZE (rough opening):	1800 X 1200
	SIZE (finished opening):	1770 X 1170
	TYPE:	UPVC DOOR WITH GLASS
	LOCATION:	COURTYARD



SEC B:B

UPVC PROFILE :	
S.NO.	DESCRIPTION
1.	3 TRACK PROFILE - 116 x 48 mm
2.	TRACK REINFORCEMENT - 36 x 16 x 1.5mm
3.	MEGA SASH PROFILE - 44 x 90 mm
4.	MEGA SASH REINFORCEMENT -37 x 40 x 2mm
5.	MEGA SASH COVER PROFILE
6.	SINGLE GLAZING BEAD
7.	MULLION PROFILE-72 x 44 mm
8.	SASH PROFILE - 44 x 60 mm
9.	SASH REINFORCEMENT - 36 x 16 x 1.5mm

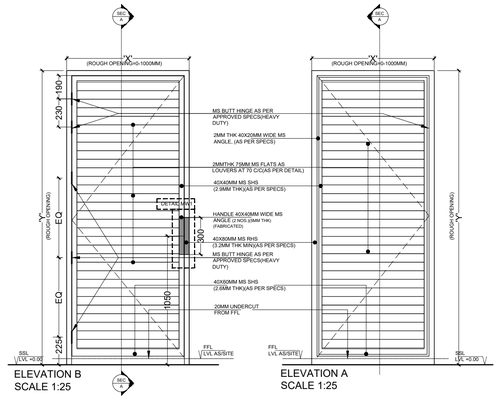
ACCESSORIES :	
1.	ESPAG HANDLE

PLASTIC COMPONENTS :	
1.	GLAZING PACKERS
2.	FLY SCREEN HANDLE
3.	DRAINAGE CAP
4.	SPACERS- 55X35X1
5.	FASTNER CAP

ANCHOR FASTENER, 8 X 100mm

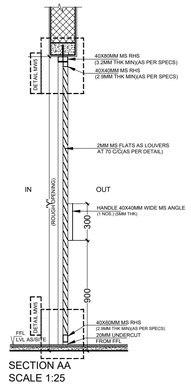
SCALE 4:1

TYPICAL DETAILS: MS GRILL WITH FRAME - PAINT

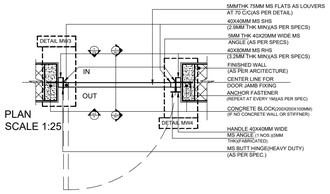


ELEVATION B
SCALE 1:25

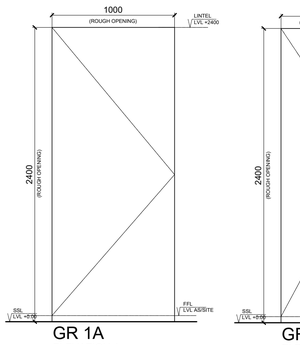
ELEVATION A
SCALE 1:25



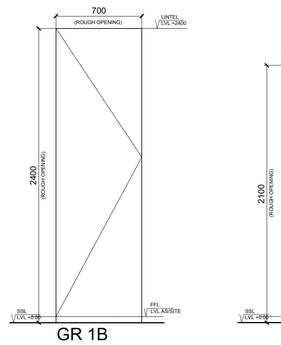
SECTION AA
SCALE 1:25



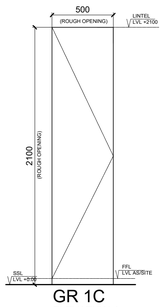
PLAN
SCALE 1:25



GR 1A
ELEVATION A
SCALE 1:25

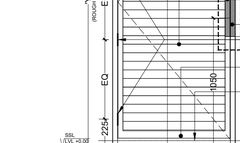


GR 1B
ELEVATION A
SCALE 1:25

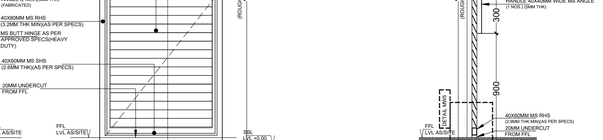


GR 1C
ELEVATION A
SCALE 1:25

GR 1D
ELEVATION A
SCALE 1:25

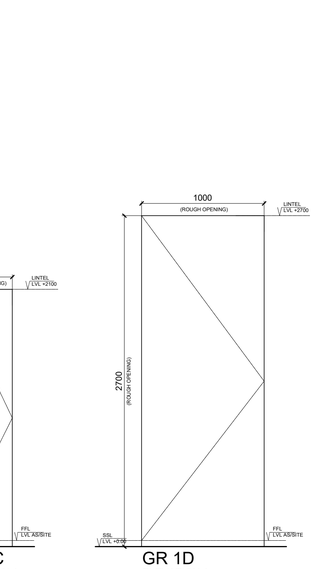


DETAIL MW1
SCALE 1:5



DETAIL MW2
SCALE 1:5

DETAIL MW5
SCALE 1:5



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- Provide drip course on the bottom of all external, horizontal edges and surfaces (concrete, stone, plaster, etc) as per dimensions and shape provided in detail.
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- Shuttering elevation shop drawing to reflect tie rod locations. tie rods should be equally spaced and aligned according to the shuttering pattern. consider: tie rod pvc dia =18mm and pvc cone dia=30mm.

KEY PLAN

NOTE
- CLEAR PU POLISH COATING ON ALL WOODEN DOOR/ WINDOWS.

LIST OF HARDWARE

HARDWARE FOR DOORS					
DOOR TAG	SILL	LINTEL	HARDWARE TYPOLOGY	NO. OF ITEMS PER DOOR SHUTTER	TOTAL NO. ITEMS
SF1A	0	2400	1) BUTT HINGE 4" LONG	5	15
			6MMM 11 TOWER BOLT (BRUSH FINISH)	1	3
			8MMM 11 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1C	0	2400	1) BUTT HINGE 4" LONG	5	30
			6MMM 11 TOWER BOLT (BRUSH FINISH)	1	6
			8MMM 11 TOWER BOLT (BRUSH FINISH)	1	6
			CONCEALED MAGNETIC DOOR STOPPER	1	6
			DEAD LOCK	1	6
SF1D	0	2400	1) BUTT HINGE 4" LONG	5	15
			6MMM 11 TOWER BOLT (BRUSH FINISH)	1	3
			8MMM 11 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1E	0	2400	1) BUTT HINGE 4" LONG	5	15
			6MMM 11 TOWER BOLT (BRUSH FINISH)	1	3
			8MMM 11 TOWER BOLT (BRUSH FINISH)	1	3
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1F	0	2400	1) BUTT HINGE 4" LONG	5	30
			6MMM 11 TOWER BOLT (BRUSH FINISH)	1	6
			8MMM 11 TOWER BOLT (BRUSH FINISH)	1	6
			CONCEALED MAGNETIC DOOR STOPPER	1	6
			DEAD LOCK	1	6
SF1G	450	2400	1) BUTT HINGE 4" LONG	4	20
			6MMM 11 TOWER BOLT (BRUSH FINISH)	1	5
			10MMM 11 TOWER BOLT (BRUSH FINISH)	1	5
SF1H	450	2400	1) BUTT HINGE 4" LONG	4	12
			6MMM 11 TOWER BOLT (BRUSH FINISH)	1	3
			8MMM 11 TOWER BOLT (BRUSH FINISH)	1	3
SF1I	0	2400	1) BUTT HINGE 4" LONG	5	15
			CONCEALED MAGNETIC DOOR STOPPER	1	3
			DEAD LOCK	1	3
SF1K	200	2400	1) BUTT HINGE 4" LONG	5	25
			6MMM 11 TOWER BOLT (BRUSH FINISH)	1	5
			8MMM 11 TOWER BOLT (BRUSH FINISH)	1	5
WG1(- SERIES (WG1A, WG1B, WG1C)	0	2400	PIVOT TOP AND BOTTOM ASSEMBLY	1	5
			45MMM 11 TOWER BOLT (BRUSH FINISH)	1	5
			DEAD LOCK	1	5
D27A	0	2100	1) BUTT HINGE 4" LONG	4	12
			45MMM 11 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3
D27B	0	2400	1) BUTT HINGE 4" LONG	4	12
			45MMM 11 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3
D27C	300	2400	1) BUTT HINGE 4" LONG	4	12
			45MMM 11 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			DOOR MOUNTED HANGING TYPE DOOR STOPPER	1	3
D25 -SERIES (D25A, D25B)	0	2400	1) BUTT HINGE 4" LONG	4	12
			6MMM 11 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3
D27 -SERIES (D27A, D27B, D27C)	0	2100 OR 2400	1) BUTT HINGE 4" LONG	4	12
			6MMM 11 TOWER BOLT (BRUSH FINISH)	1	3
			LEVER HANDLE AND SASH LOCK	1	3
			WALL MOUNTED MAGNETIC DOOR STOPPER	1	3

HARDWARE FOR WINDOWS					
WINDOW TAG	SILL	LINTEL	HARDWARE TYPOLOGY	NO. OF ITEMS PER UNIT/ITEM	TOTAL NO. ITEMS
GR01A (UPWARD HINGING)	140	2400	1) BUTT HINGE 4" LONG	4	4
			45MMM 11 TOWER BOLT (BRUSH FINISH)	1	1
			10MMM 11 TOWER BOLT (BRUSH FINISH)	1	1
WU1A	450	2400	1) HINGE	4	4
			FRICTION STAY	1	1
			HANDLE	1	1
WU1(- SERIES (WU1B, WU1C, WU1D)	VARYING	VARYING	MULTI-POINT LOCKING SYSTEM	1	1
			1) HINGE	4	4
			FRICTION STAY	1	1
			HANDLE	1	1
WU2(- SERIES (WU2A, WU2B, WU2C)	VARYING	VARYING	MULTI-POINT LOCKING SYSTEM	1	1
			1) HINGE	4	4
			FRICTION STAY	1	1
			HANDLE	1	1
			MULTI-POINT LOCKING SYSTEM	1	1

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER.

CLIENTS :
INDIAN INSTITUTE OF TECHNOLOGY (IIT) HYDERABAD
Permanent Campus - Project Office
Kandi Village, Sangareddy Mondal
Medak District, Andhra Pradesh - 502285

CAMPUS DESIGNER:
ARCOP ASSOCIATES PVT.LTD
A-15,Panipath Enclave, G.K 1
New Delhi 110048
Phone : 011-26442000

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
STEADFAST STRUCTURAL CONSULTANTS, HYDERABAD +91 9701797188

MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature	Client's Signature

Job Title
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

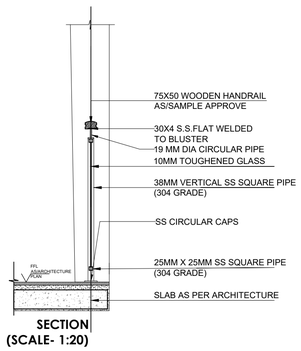
Drawing Title
DOOR / WINDOW DETAILS 06

Document Release Type
TENDER/ GOOD FOR CONSTRUCTION

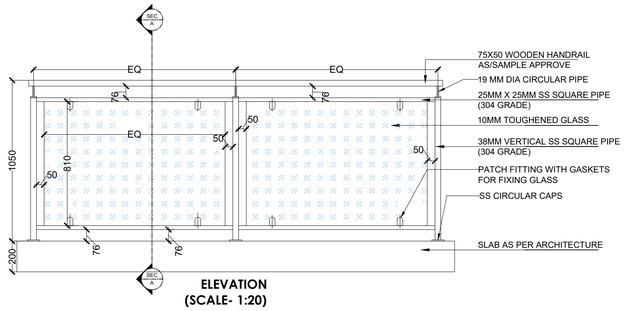
Job No. 2025/05	NORTH
Scale AS MENTIONED @ A1	
15 SEPT 2025	Drawing No. TYP-AR-1006
Drawn by AR	
Checked by SM	Revision No. R0

AUTHORITY :

RAILING DETAILS: BALCONY, TERRACE AND CORRIDOR CONDITIONS

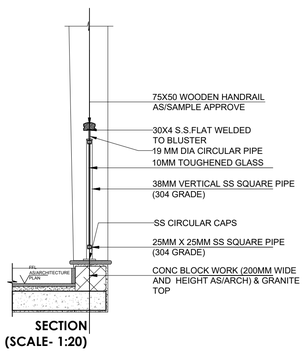


SECTION
(SCALE- 1:20)

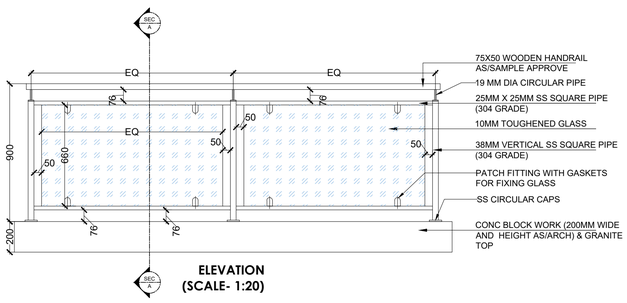


ELEVATION
(SCALE- 1:20)

RAILING WITHOUT TOE WALL



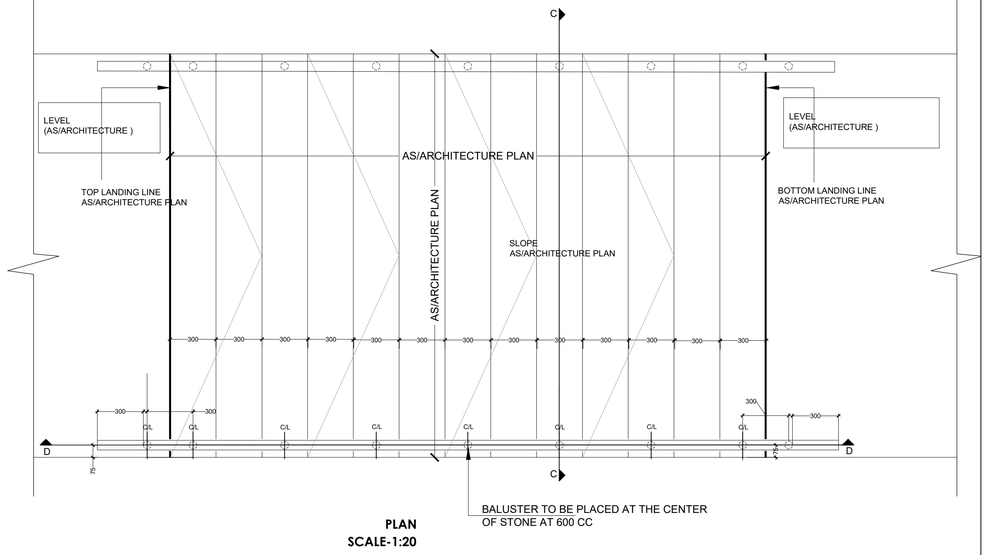
SECTION
(SCALE- 1:20)



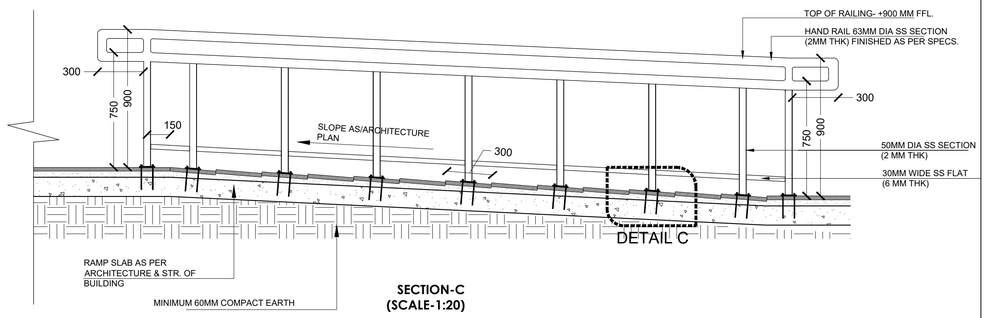
ELEVATION
(SCALE- 1:20)

RAILING WITH TOE WALL

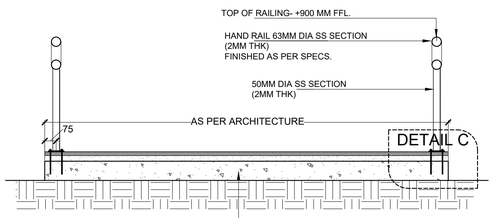
RAMP RAILING DETAILS



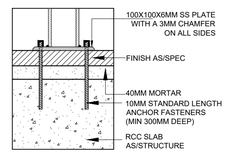
PLAN
SCALE-1:20



SECTION-C
(SCALE-1:20)



SECTION-D
(SCALE-1:20)



DETAIL C
FIXING ON RCC
(SCALE 1:5)

NOTE FOR GLASS RAILING:
1. AS PER THE RAILING LOAD, WIND PRESSURE AND THE SPANS VENDOR TO PROVIDE DETAILS BASED ON THE STABILITY OF RAILING. SHOP DRAWING TO BE PROVIDED FOR APPROVAL
2. WITH EVERY 1200MM INCREASE IN OPENING WIDTH A BALUSTER TO BE ADDED AND SPAN EQUALLY DIVIDED

NOTES

- Dimensions are not to be scaled.
- All Dimensions are in Millimeters unless stated otherwise.
- All Levels are in Millimeters and relate to _____ Datum level.
- The contractor shall verify all dimensions, details,specifications & site conditions & shall report any error, omission and/or anomaly to the Campus Designer before commencement of work.
- For construction purposes, the dimensions shall not be measured directly of the drawings. The drawings shall not be used for construction until they are issued for construction.
-These drawings are to be read in co-ordination with HVAC, Electrical, Plumbing drawings & all relevant sections of specifications,.
-All shop drawings should be provided to the Campus Designer for approval.

NOTE

ALL NBC AND NEW ACCESSIBLE INDIA GUIDELINES FOR DIFFERENTLY-ABLED EASE SHOULD BE ADHERED TO.

NOTE:
1. SS SECTIONS OF 316 GRADE TO BE USED
2. ALL HOLLOW PIPES-CIRCULAR/RECTANGULAR/ SQUARE SECTIONS SHOULD BE FINISHED WITH WELDED EDGE CAPS OF THE SAME MATERIAL SUCH THAT NO HOLLOW REMAINS EXPOSED

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
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CLIENTS:
INDIAN INSTITUTE OF TECHNOLOGY (IIT) HYDERABAD
Permanent Campus - Project Office
Kandi Village, Sangareddy- Mondal
Medak- District, Andhra Pradesh - 502285

ARCHITECTS:
ARCOP ASSOCIATES PVT. LTD.
A-15, Panipath Enclave, G.K. 1
New Delhi 110048
Phone : 011 - 26442050

Architect's Signature | Client's Signature

Job Title
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

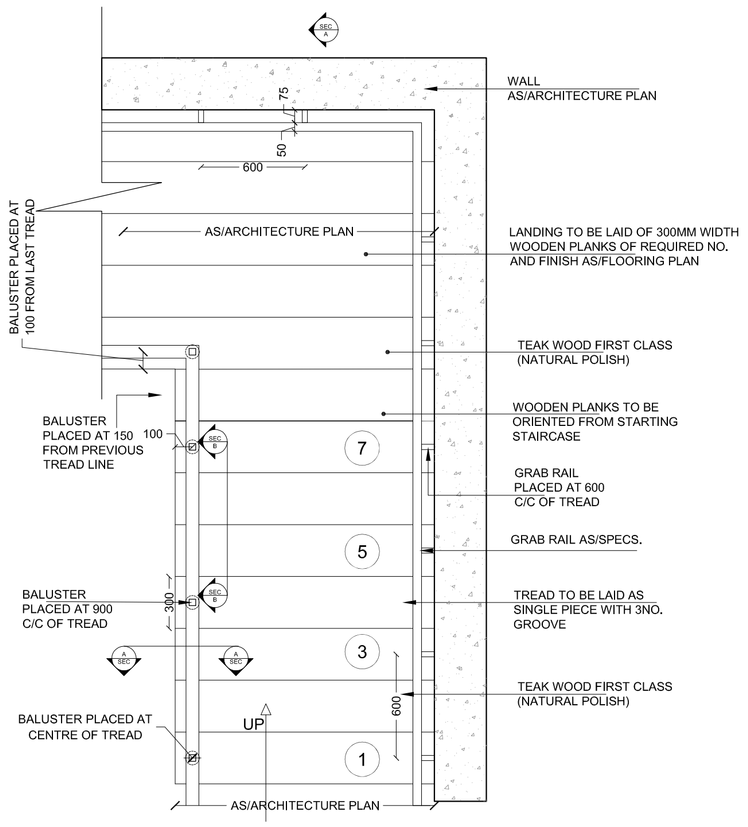
Drawing Title
TYPICAL RAILING DETAILS

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

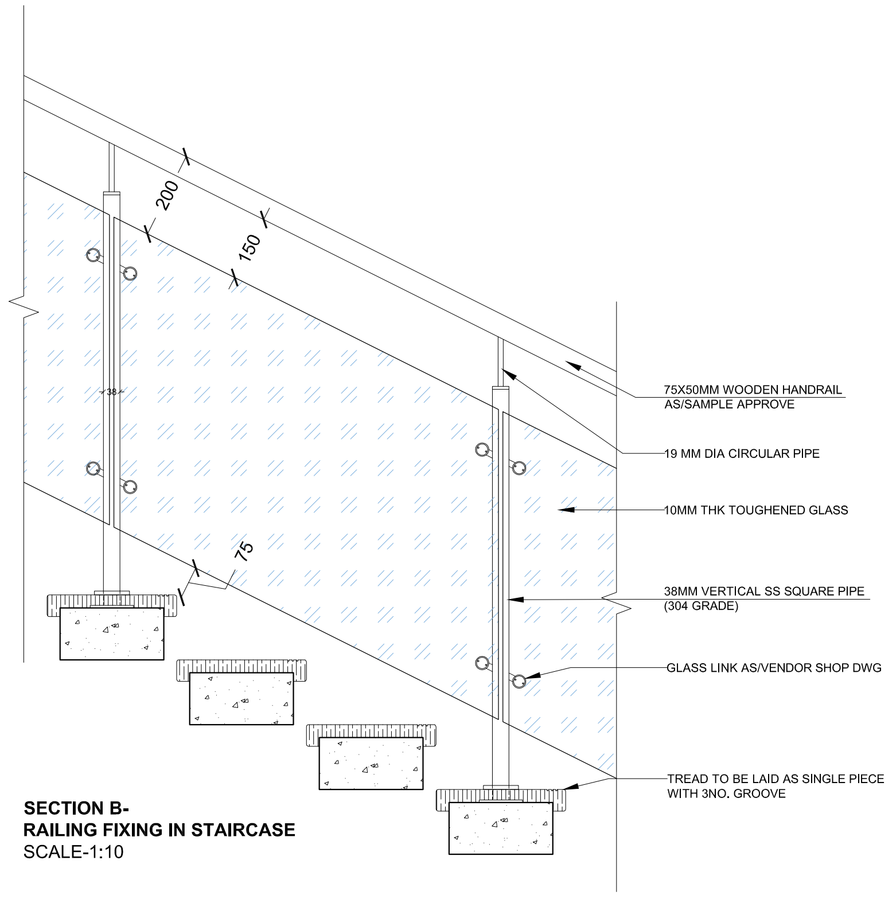
Scale: VARIES	
15 SEPT 2025	Drawing No.: **TYP-AR-904-1**
Drawn by: AS	
Checked by: VB	Revision No.: R0

AUTHORITY:

TYPICAL STAIRCASE WITH RAILING DETAILS



PLAN
SCALE 1:25



SECTION B-
RAILING FIXING IN STAIRCASE
SCALE-1:10

SECTION A-TYPICAL RAILING DETAIL
SCALE-1:10

SECTION C
SCALE-1:10

SECTION B
SCALE-1:10

RAILING STARTING DETAIL
SCALE-1:10

DETAIL B
SCALE 1:2

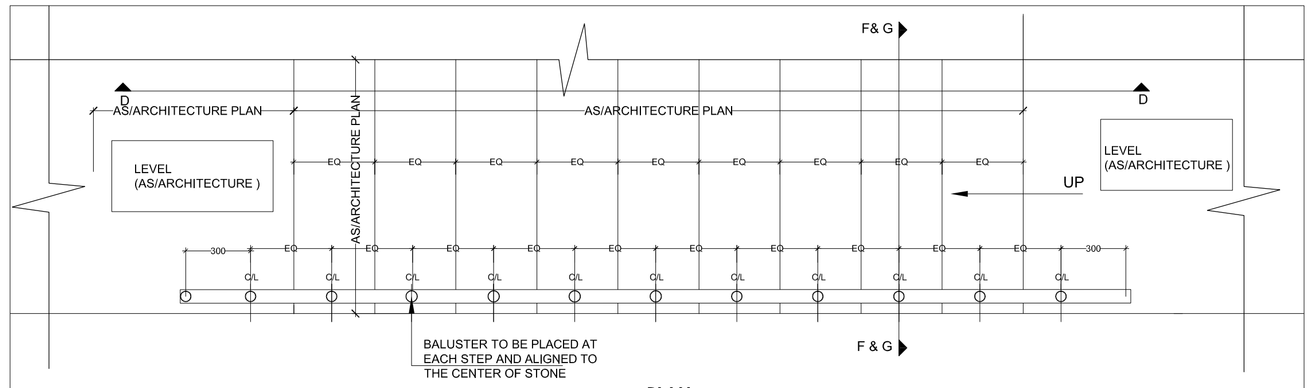
GLASS LINK DETAIL
SCALE 1:3

ISOMETRIC TREAD FIXING DETAIL
SCALE-1:15

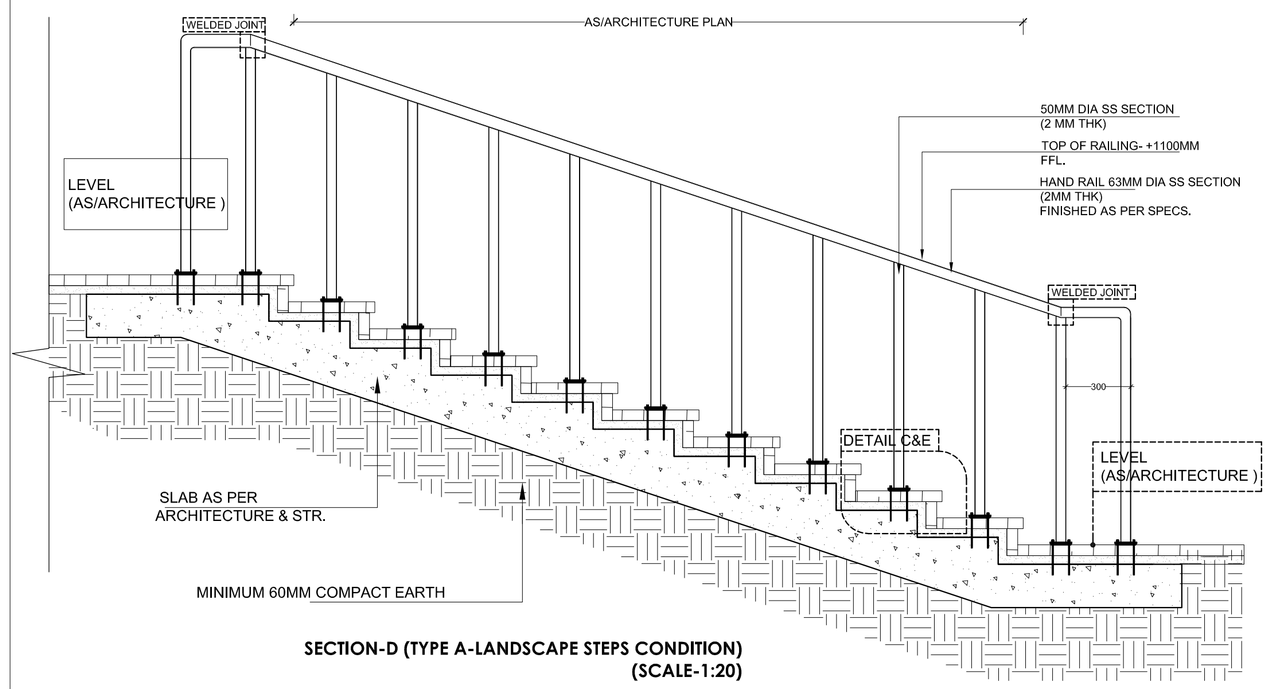
GRAB RAIL DETAIL
SCALE-1:10

DETAIL B
SCALE 1:2

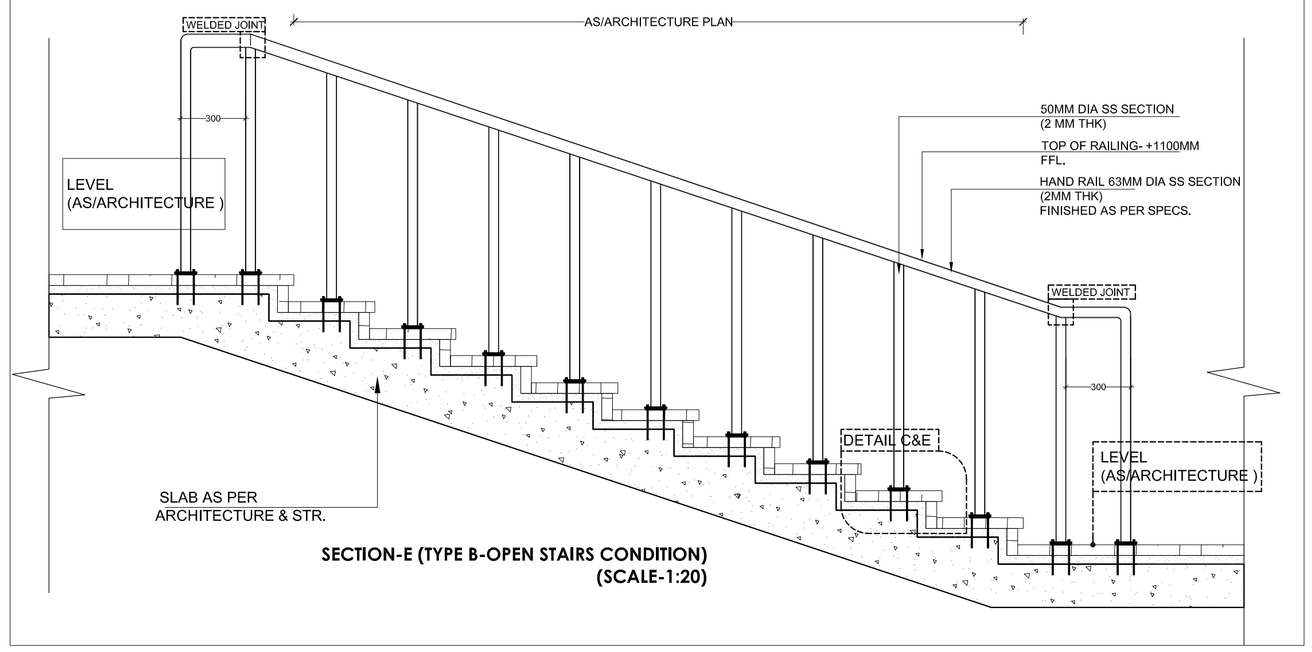
TYPICAL LANDSCAPE STEPS WITH RAILING DETAIL



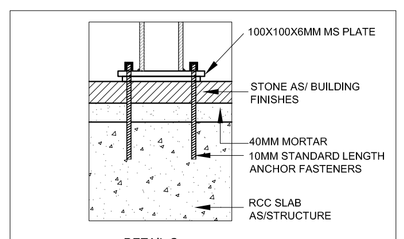
PLAN
SCALE-1:20



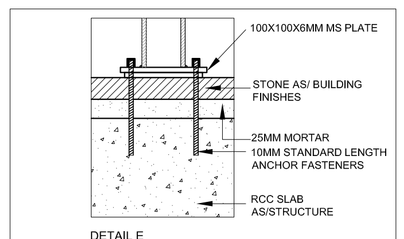
SECTION-D (TYPE A-LANDSCAPE STEPS CONDITION)
(SCALE-1:20)



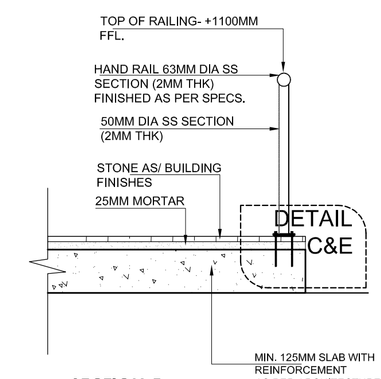
SECTION-E (TYPE B-OPEN STAIRS CONDITION)
(SCALE-1:20)



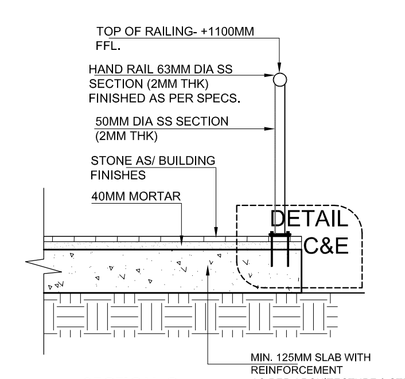
DETAIL C
FIXING ON RCC
(SCALE 1:5)
(DETAIL FOR TYPE A)



DETAIL E
FIXING ON RCC (SCALE 1:5)
(DETAIL FOR TYPE B)



SECTION-F
(SCALE-1:20)
(TO BE REFERRED WITH TYPE B)



SECTION-G
(SCALE-1:20)
(TO BE REFERRED WITH TYPE A)

NOTE: 1. SS SECTIONS OF 304 GRADE TO BE USED 2.ALL HOLLOW PIPES-CIRCULAR/RECTANGULAR/ SQUARE SECTIONS SHOULD BE FINISHED WITH WELDED EDGE CAPS OF THE SAME MATERIAL SUCH THAT NO HOLLOW REMAINS EXPOSED

NOTES

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NOTE

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ISSUES

REVISION	DESCRIPTION	DATE

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Medak- District, Andhra Pradesh - 502285

ARCHITECTS:
ARCOP ASSOCIATES PVT. LTD.
A-15, Panyeel Enclave, G.K. 1
New Delhi 110048
Phone : 011-26443050

Architect's Signature	Client's Signature

Job Title
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
DIRECTOR'S RESIDENCE

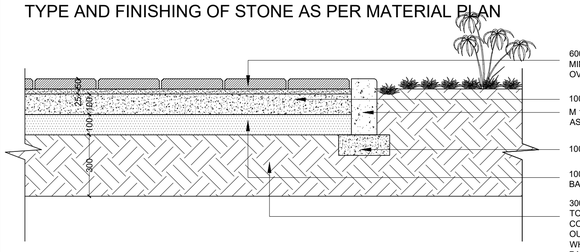
Drawing Title
TYPICAL STAIRCASE DETAILS

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

Scale: AS MENTIONED @ A1	
15 SEPT 2025	Drawing No. TYP-AR-905-1
Drawn by: AR	
Checked by: AB	Revision No. R0

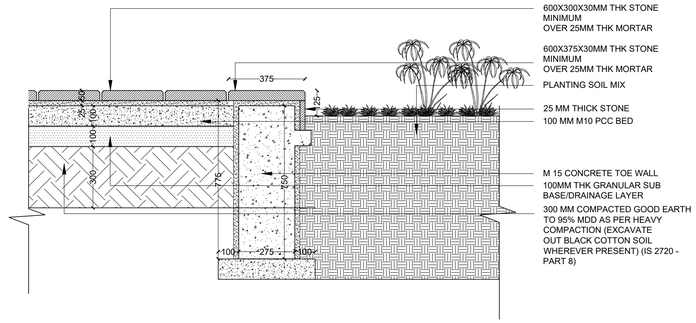
AUTHORITY:

PLAZA PAVING DETAIL WITH 30MM STONE
TYPE AND FINISHING OF STONE AS PER MATERIAL PLAN



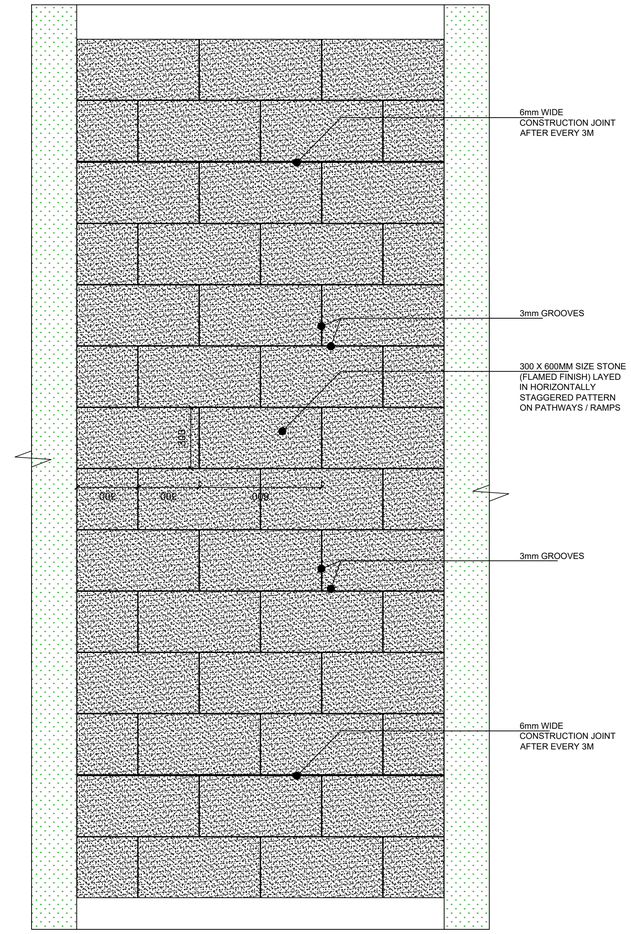
SCALE 1:15

PLAZA PAVING WITH PLANTER BOX DETAIL: WITH 30 MM STONE

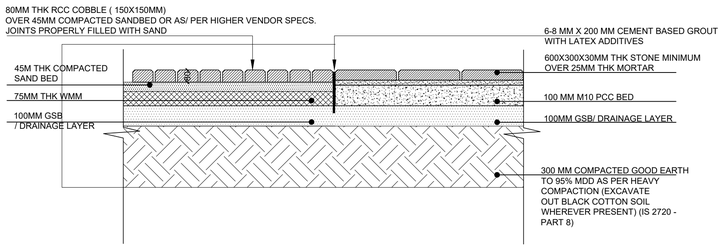


SCALE 1:15

PLAZA RAMP DETAIL: RCC COBBLE WITH 30 MM STONE EDGE CONDITIONS

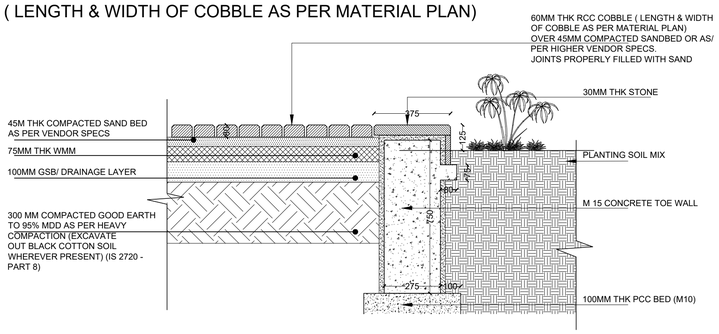


PLAZA PAVING DETAIL: 80MM THICK RCC COBBLE & 30MM STONE JOINING



SCALE 1:15

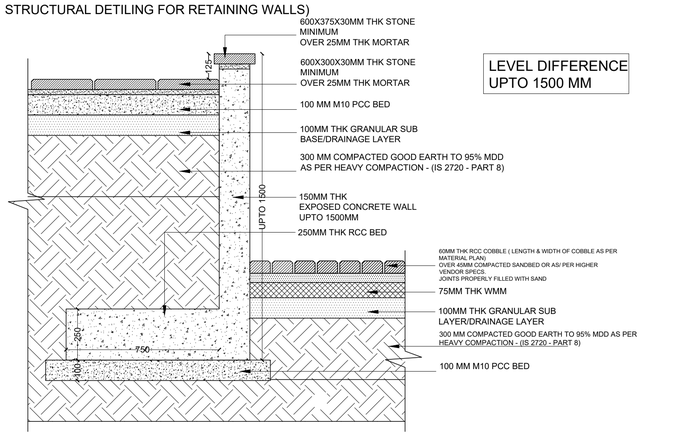
PLAZA PAVING WITH PLANTER BOX DETAIL: 60 MM THICK RCC COBBLE
(LENGTH & WIDTH OF COBBLE AS PER MATERIAL PLAN)



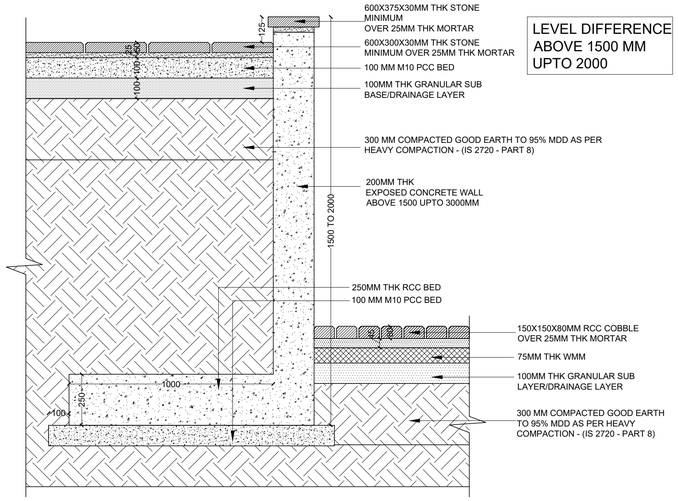
SCALE 1:15

RETAINING WALL DETAILS: IN CASE OF LEVEL DIFFERENCE
(PLEASE REFER STRUCTURAL DRAWING (MP-RETAINING CONCRETE WALLS TYPICAL DETAILS FOR STRUCTURAL DETILING FOR RETAINING WALLS)

LEVEL DIFFERENCE UPTO 1500 MM

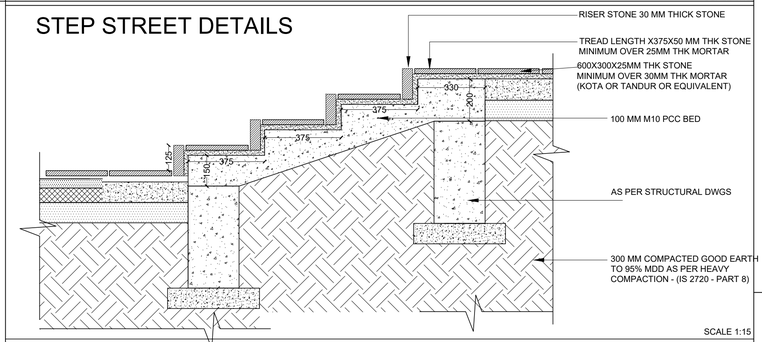


LEVEL DIFFERENCE ABOVE 1500 MM UPTO 2000



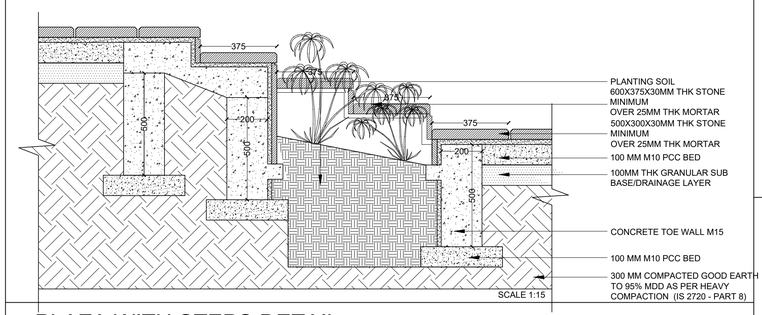
SCALE 1:15

STEP STREET DETAILS



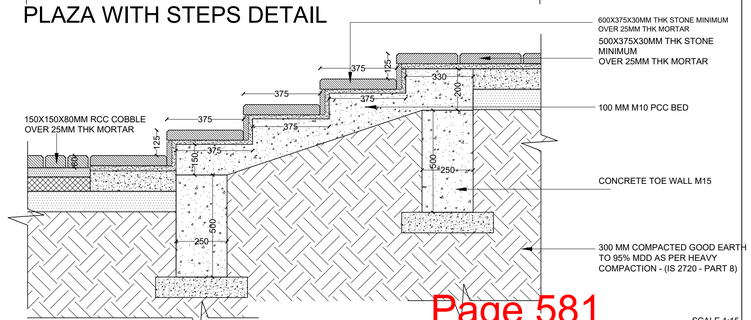
SCALE 1:15

PLAZA STEPS AND PLANTER BOX DETAIL



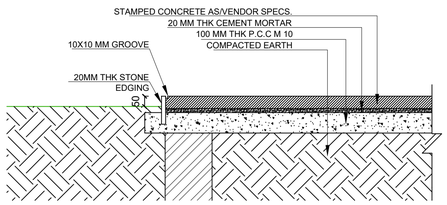
SCALE 1:15

PLAZA WITH STEPS DETAIL

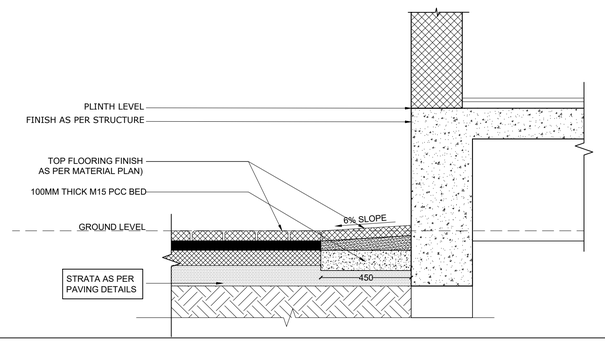


SCALE 1:15

STAMPED CONCRETE



PLINTH PROTECTION DETAIL



SCALE 1:15

NOTES

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- All Levels are in Millimeters and relate to ..... Datum level.
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-All shop drawings should be provided to the Campus Designer for approval.

ISSUES

REVISION	DESCRIPTION	DATE

1. SHUTTERING DRAWING TO BE PROVIDED TO THE CAMPUS DESIGNER FOR APPROVAL.
2. VENDORS TO PROVIDE SHOP DRAWINGS FOR THE APPROVAL FROM THE CAMPUS DESIGNER

CLIENTS:
INDIAN INSTITUTE OF TECHNOLOGY (IIT) HYDERABAD
Permanent Campus - Project Office,
Kandi Village, Sangareddy- Mondal
Medak- District, Andhra Pradesh - 502285

ARCHITECTS:
ARCOP ASSOCIATES PVT. LTD.
A-15, Pamposh Enclave, G.K. 1
New Delhi 110048
Phone : 011 - 26442050

Architect's Signature | Client's Signature

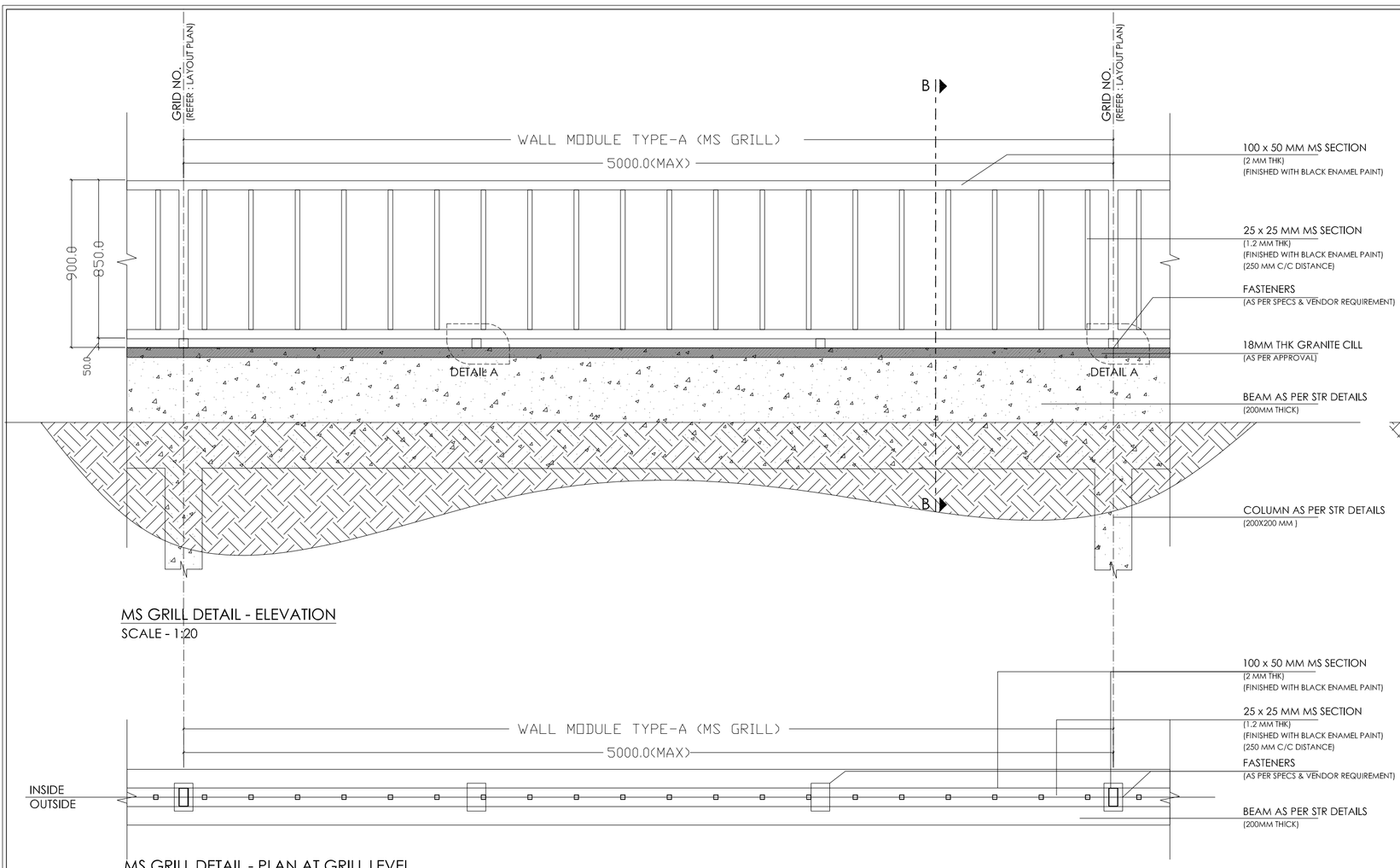
Job Title
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

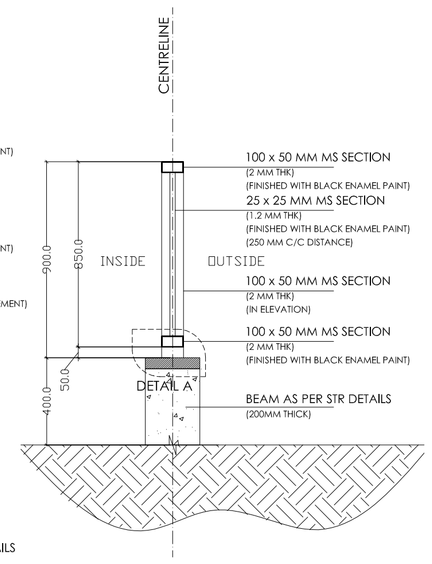
Drawing Title
TYPICAL HARDSCAPE DETAILS 1

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

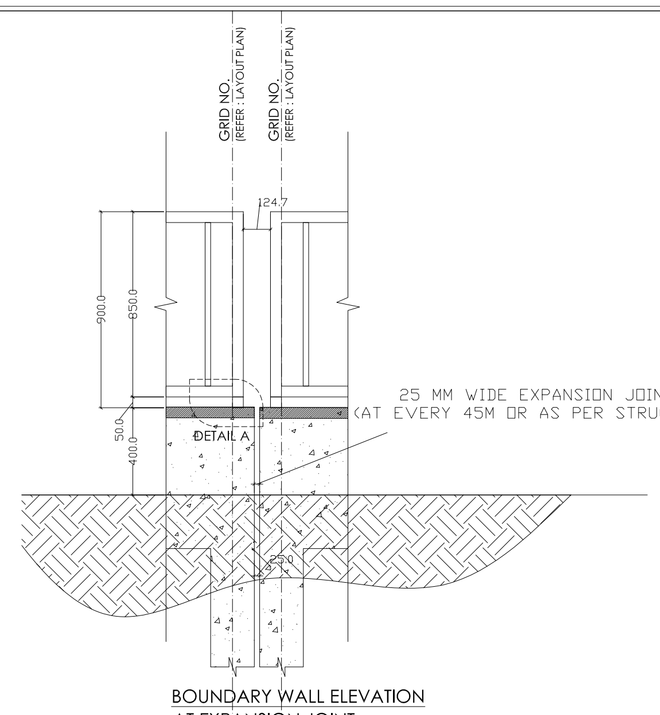
Scale: VARIES ON A1 SHEET
Drawing No.: TYP-AR-913
15 SEPT 2025
Drawn by: MP
Checked by: VB
Revision No.: R0

AUTHORITY :

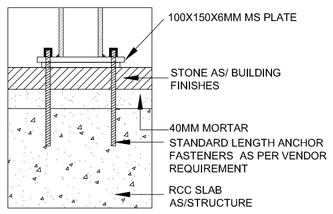




MS GRILL DETAIL - SECTION BB
SCALE - 1:20



BOUNDARY WALL ELEVATION
AT EXPANSION JOINT
SCALE -1:20



DETAIL A
FIXING ON RCC
(SCALE 1:5)
(DETAIL FOR TYPE A)

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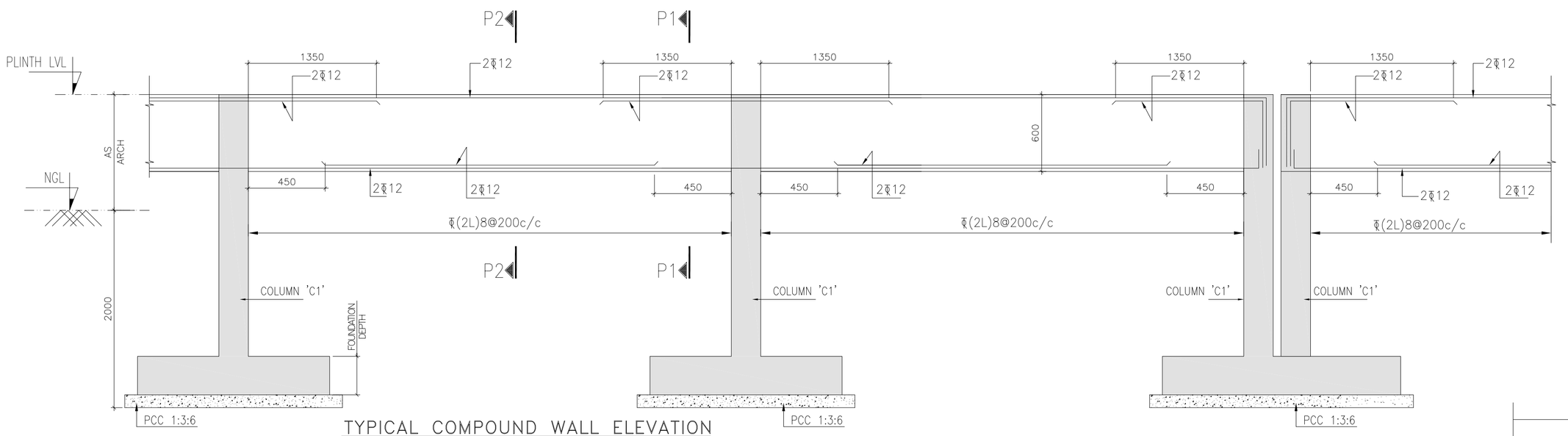
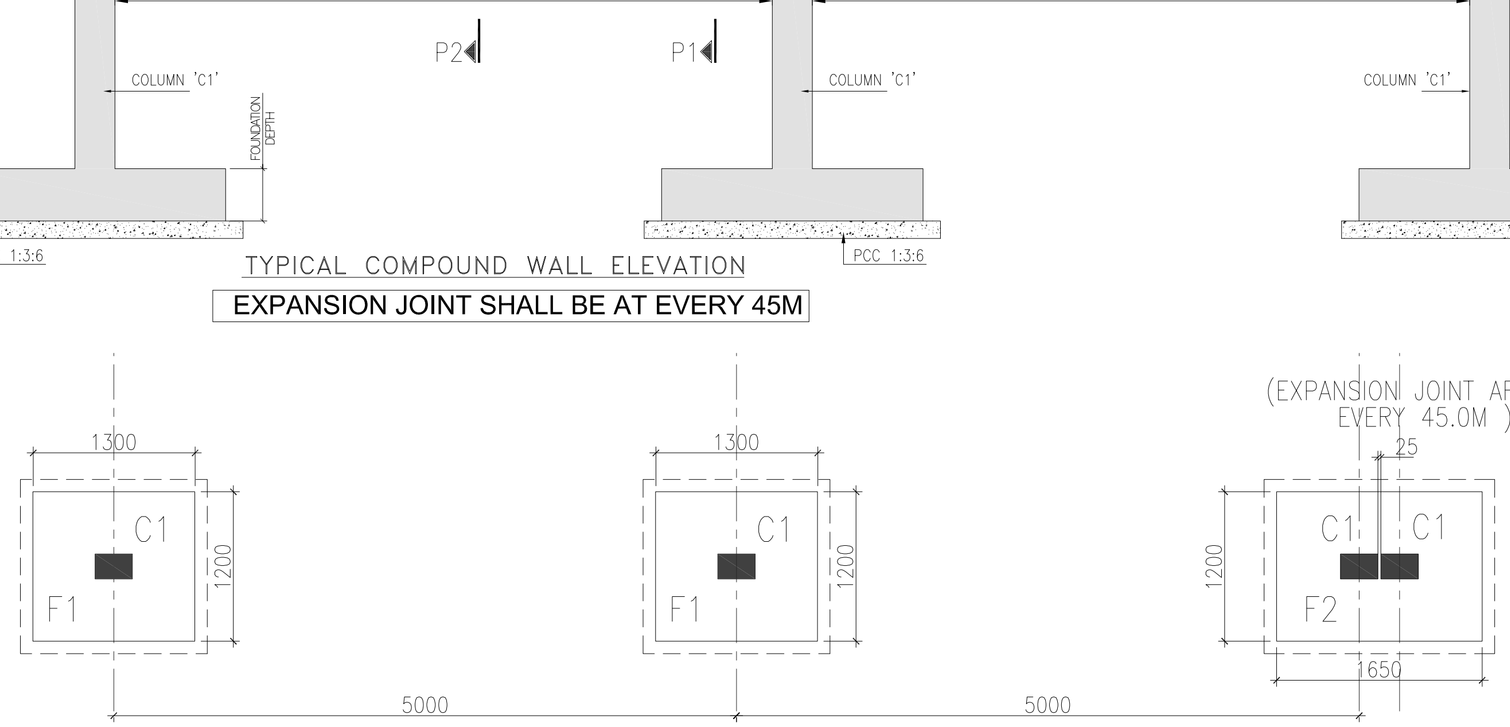
KEY PLAN:

ARCHITECTURAL DETAILS

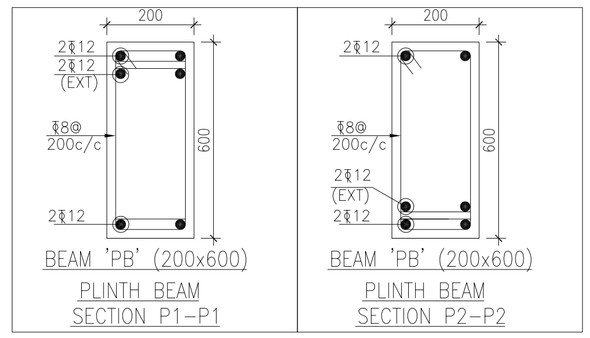


TYPICAL COMPOUND WALL ELEVATION

EXPANSION JOINT SHALL BE AT EVERY 45M

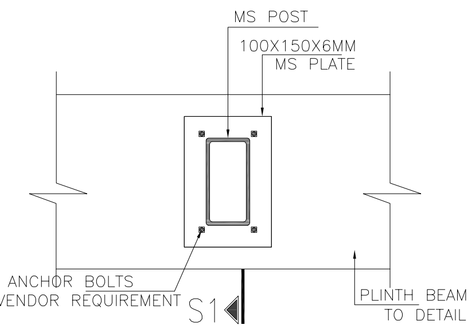


COMPOUND WALL-FOUNDATION LAYOUT

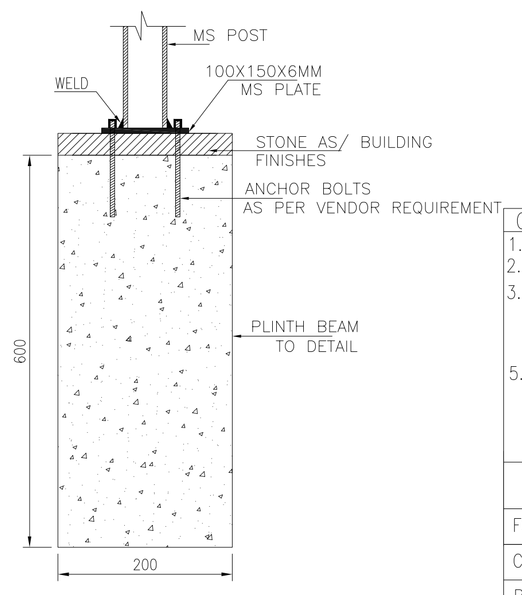


BEAM 'PB' (200x600)
PLINTH BEAM
SECTION P1-P1

BEAM 'PB' (200x600)
PLINTH BEAM
SECTION P2-P2



DETAIL-S
TOP VIEW



SECTION S1-S1

NOTE:- FOR LEVELS & MARKING
REFER ARCH DRAWING

FOOTING SCHEDULE:-

Mark	FOOTING SIZE (A x B)	DEPTH (C)	BOTTOM REINFORCEMENT BOTH WAYS
F1	1300x1200	350	₹10@150c/c
F2	1650x1200	350	₹10@150c/c

COLUMN DETAILS:-

TYPE	SIZE	TIES	TYPICAL COLUMN SECTION
C1	200x300 (FROM FOOTING LEVEL TO PLINTH BEAM LVL)	₹8@200c/c	200, 300, •6 ₹12

STRUCTURAL DETAILS

GENERAL NOTE:

1. ALL DIMENSIONS ARE IN MM ONLY, UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE THE DRAWING FOLLOW FIGURED DIMENSIONS ONLY.
3. READ THIS DRG. ALONG WITH ARCHITECTURAL DRG. IN CASE OF ANY DISCREPANCY BEING NOTED IT SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.
5. THE CLEAR COVER SHOWN IN TABLE BELOW SHALL BE FROM THE OUTER FACE OF THE STRUCTURAL ELEMENT TO THE MAIN REINFORCEMENT INCASE OF FOOTINGS ,SLABS & TO THE STIRRUPS FOR COLUMNS & BEAMS

ITEM	GRADE OF CONCRETE	GRADE OF STEEL	CLEAR COVER
FOUNDATIONS	M25	Fe500	50 mm
COLUMNS	M25	Fe500	40 mm
BEAMS	M25	Fe500	25 mm
SLABS	M25	Fe500	20 mm

ISSUES

DATE	REVISION	DESCRIPTION

CLIENTS:
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Medak- District, Andhra Pradesh - 502285

ARCHITECTS:
ARCOP ASSOCIATES PVT. LTD.
A-15, Panipath Enclave, G.K. 1
New Delhi -110048
Phone : 011 - 26442050

STRUCTURE CONSULTANTS:

Campus Designer's Signature | Client's Signature

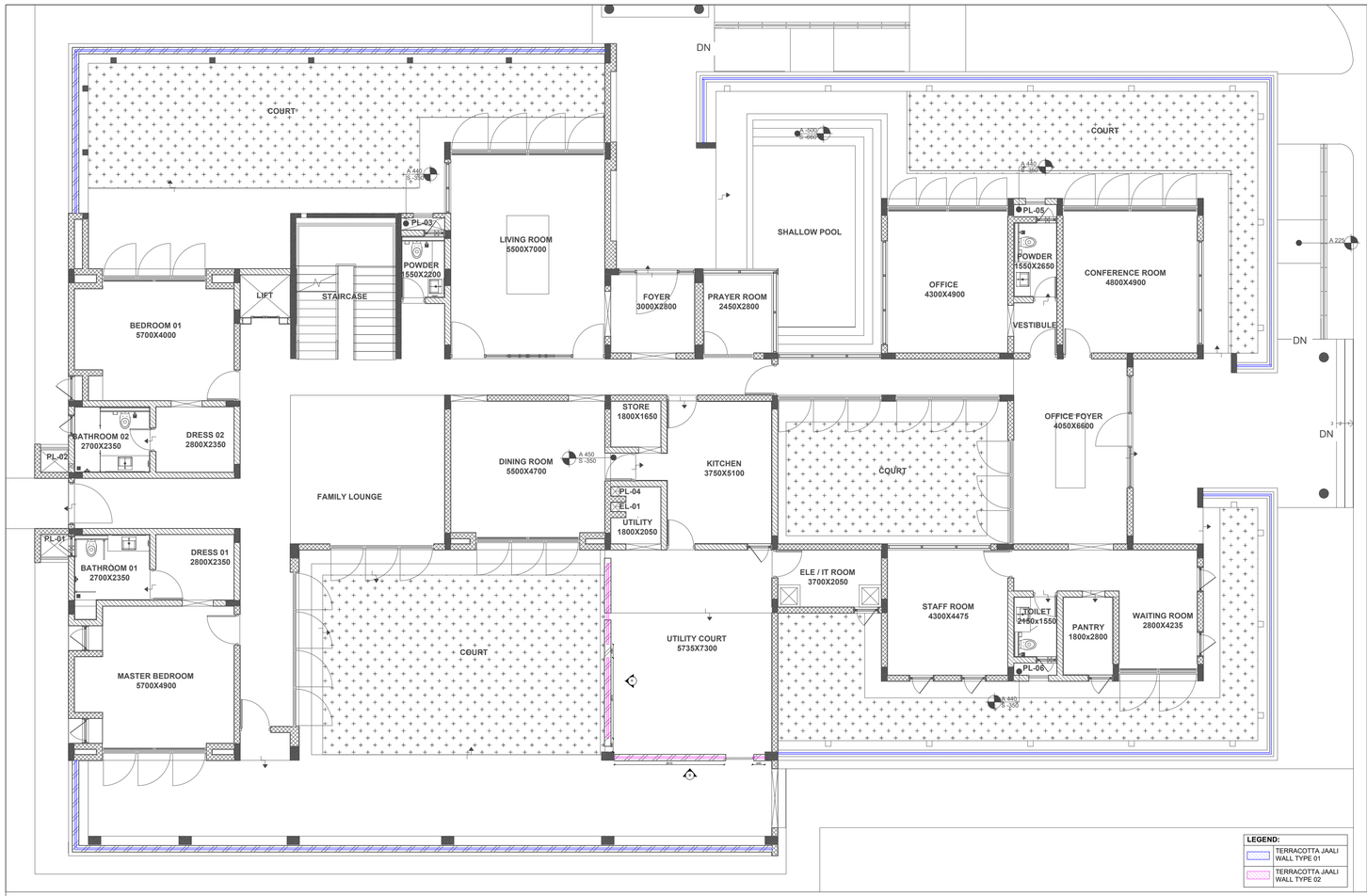
Job Title
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
DIRECTOR RESIDENCE

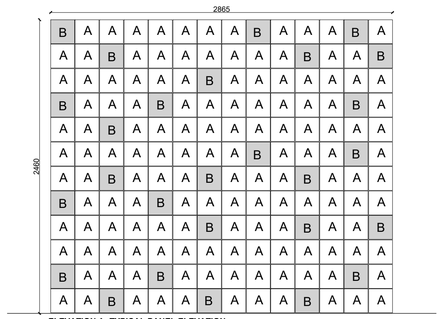
Drawing Title
TYPICAL BOUNDARY WALL DETAILS

Document Release Type
TENDER / GOOD FOR CONSTRUCTION

Job No. 2025/5
Scale VARIES
Date 15 SEPT 2025
Drawn by KK
Checked by VB
Drawing No. **TYP-AR-BO WALL- 941**
Revision No. R0

AUTHORITY:

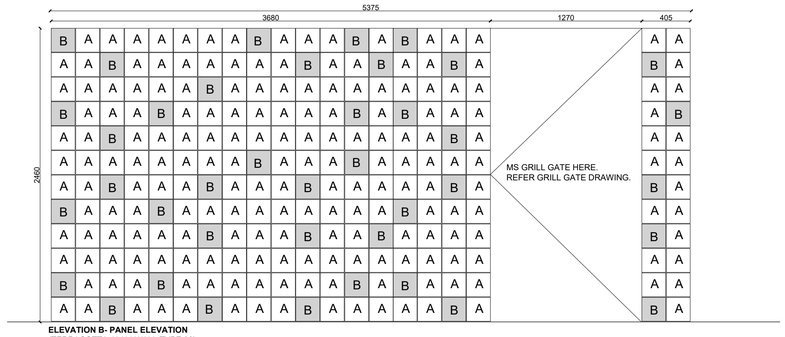




ELEVATION A- TYPICAL PANEL ELEVATION
(TERRACOTTA JAALI WALL TYPE 02)
2460 HT JAALI WALL
SCALE 1:25

JAALI TYPE A

JAALI TYPE B



ELEVATION B- PANEL ELEVATION
(TERRACOTTA JAALI WALL TYPE 02)
2460 HT JAALI WALL
SCALE 1:25

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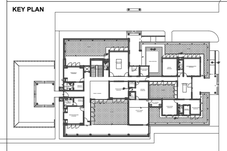
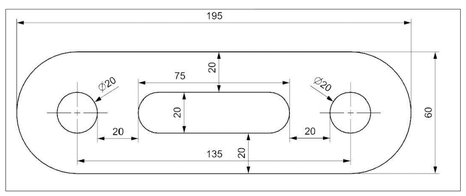
KEY PLAN



NOTE:
Typical Panel Elevation to be followed for all Terracotta Brick walls of respective heights.
End conditions of the walls as per Terracotta Brick size.

TYPOLOGY OF TERRACOTTA BRICK

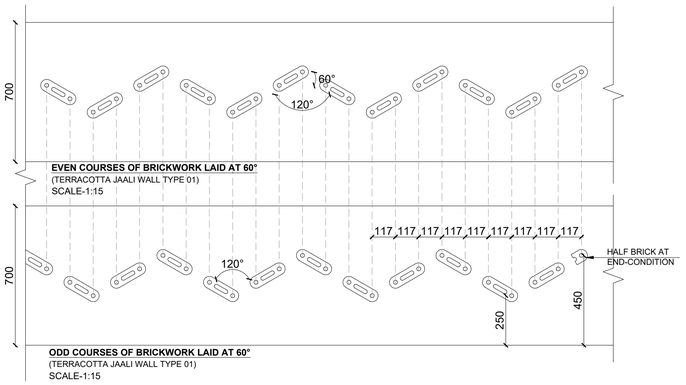


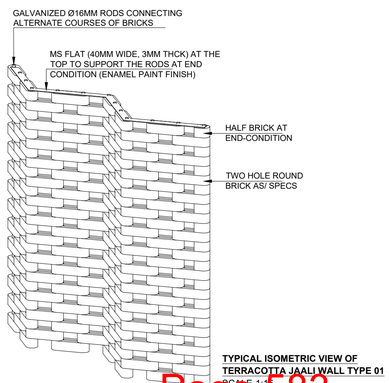
DIMENSIONS FOR TWO HOLE ROUND BRICK

END CONDITION OF WALL USING HALF-CUT TERRACOTTA BRICKS

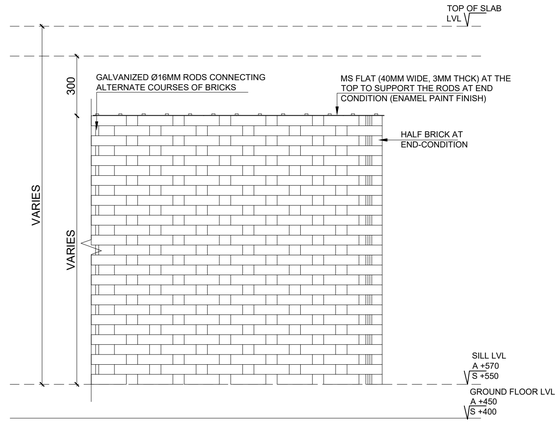
TERRACOTTA BRICKS LAID USING RODS Ø16MM

JOINERY AT TOP USING MS FLAT SECTION

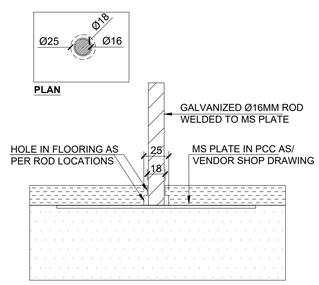




TYPICAL ISOMETRIC VIEW OF TERRACOTTA JAALI WALL TYPE 01
SCALE-1:15



TYPICAL ELEVATION OF TERRACOTTA JAALI TYPE 01
SCALE-1:15



Ø16MM ROD FIXING DETAIL
SCALE-1:3

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

ISSUES

REVISION	DESCRIPTION	DATE

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CAMPUS DESIGNER:
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A-15,Pamposh Enclave, G.K 1
New Delhi 110048
Phone : 011-26442050

CONCEPT ENGINEERING CONSULTANT:

STRUCTURE CONSULTANTS:
STEADFAST STRUCTURAL CONSULTANTS, HYDERABAD +91 9701797186

MEP CONSULTANTS:
STELLAR INDIA, NEW DELHI

Architect's Signature | Client's Signature

Job Title:
INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

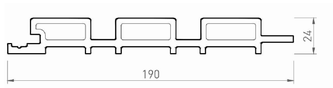
Drawing Title
TYPICAL TERRACOTTA JAALI WALL DETAILS

Document Release Type
TENDER/ GOOD FOR CONSTRUCTION

Job No. 2025/05	NORTH
Scale AS MENTIONED @ A1	
15 SEPT 2025	Drawing No. TYP-AR-950
Drawn by AB	
Checked by SM	Revision No. R0

AUTHORITY :

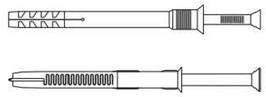
PRODUCT SPECS - EVERWOOD STRATA CLADDING (190X24MM)



CLADDING ACCESSORIES

ALUMINUM JOIST
EWD50X25

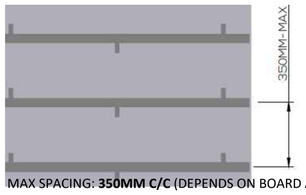
ALUMINUM 'L' CLAMP
38X25X2MM THK



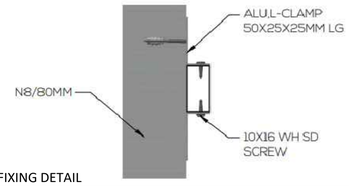
FISCHER - N SERIES
N8/60,N8/80,N8/120,
SXR10/80

CORROSHIELD
SELF DRILLING
SCREWS
7X25 / 10X38 CSK

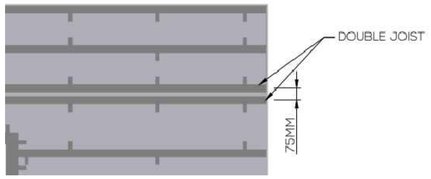
01-JOIST FIXING DETAIL



MAX SPACING: **350MM C/C** (DEPENDS ON BOARD ANGLE)

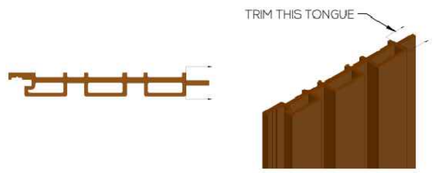


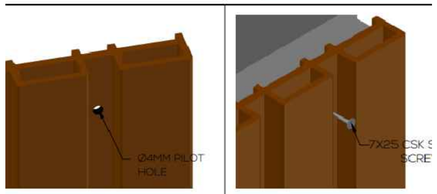
JOIST FIXING DETAIL

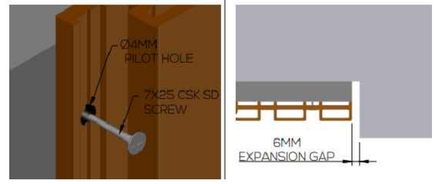


NOTE: **DOUBLE JOISTS TO BE USED AT BOARD JOINTS.**

2- START BOARD FIXING DETAIL

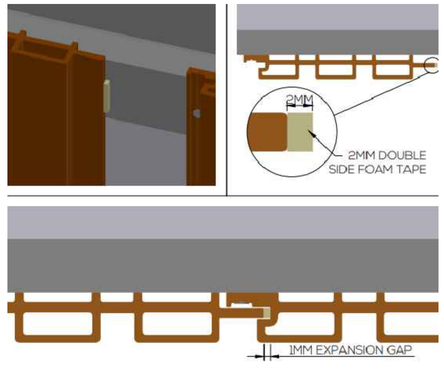


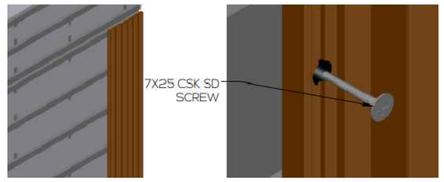




NOTE: **6-8MM GAP** TO BE LEFT FROM FLOOR OR SIDE WALL TO FIRST BOARD.

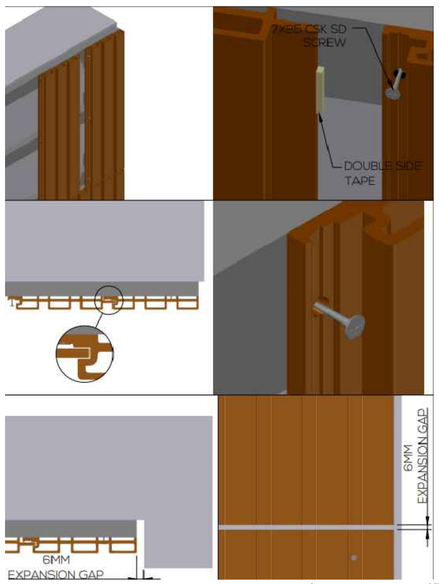
3-EXPANSION GAP TAPE DETAIL





NOTE: **6-8MM GAP** TO BE MAINTAINED FROM WALL & BETWEEN BOARDS.

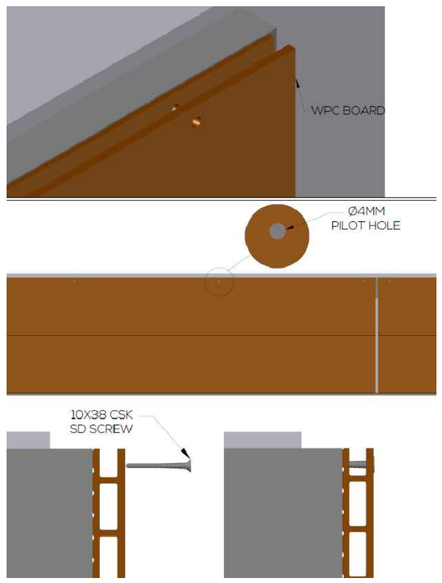
4-SECOND AND FURTHER BOARD FIXING DETAIL



NOTE:

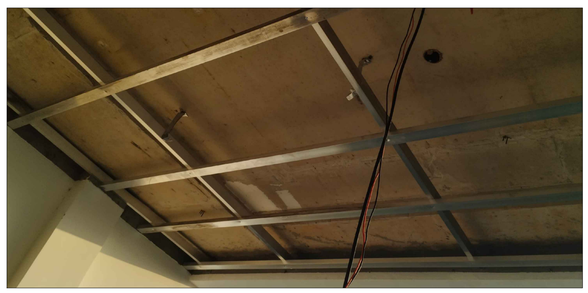
1. **DOUBLE-SIDED FOAM TAPE (4MM WIDE × 25MM LONG × 2MM THICK)** FOR EXPANSION ON BOARD TONGUE.
2. UPTO 2440MM BOARDS: 5 TAPE PIECES TO BE USED.

05-LAST BOARD TERMINATION DETAIL



NOTE: LAST BOARD TO BE FIXED USING **10×38 CSK SCREWS**.

ON-SITE IMAGES FROM VENDOR



Signature Not Verified
Digitally signed by MAHANKALI SATEESH
Date: 2026.07.02 17:54:22 IST
Location: eProcure-EPROC

ABSOLUTE LEVEL :- NOTE : REFER ABSOLUTE LEVEL AS PER MASTER PLAN

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KEY PLAN

NOTE

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Architect's Signature	Client's Signature

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INDIAN INSTITUTE OF TECHNOLOGY HYDERABAD
INTEGRATED DIRECTOR RESIDENCE AND OFFICE COMPLEX

Drawing Title
WPC FALSE CEILING DETAILS

Document Release Type
TENDER/ GOOD FOR CONSTRUCTION

Job No. **2025/05**	NORTH **N**
Scale AS MENTIONED @ A1	
15 SEPT 2025	Drawing No. **TYP-AR-951**
Drawn by AR	
Checked by AB	Revision No. R0

AUTHORITY :