

**KEY PLAN -**

**LEGEND -**

- EXISTING ROAD
- STABILIZED SOIL
- GRASS PAVER
- PAVER BLOCK

**GENERAL NOTES:**

ALL DIMENSIONS ARE IN METRES AND ARE UNDIMENSIONED UNLESS OTHERWISE SPECIFIED.

ALL LEVELS ARE IN METRES AND ARE UNDIMENSIONED UNLESS OTHERWISE SPECIFIED.

FOR ALL GRADE CHANGES, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ALL DIMENSIONS NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.

FOR DETAILS SUCH AS DOORS, WINDOWS, GRILLS, SILLING, TOILETS, STAIRCASES, INTERNAL FINISHING, ETC. REFER RESPECTIVE ARCHITECTURAL DRAWINGS.

THESE DRAWINGS SHALL BE CORRELATED AND READ IN CONJUNCTION WITH RESPECTIVE CONSULTANTS' APPROVED DRAWINGS FOR STRUCTURAL SERVICES SUCH AS FOUNDATION, STRUCTURE, ELECTRICAL, AIR-CONDITIONING, VENTILATION, SANITARY DRAINAGE & WATERPROOFING AND LANDSCAPING, ETC.

ALL TRENCHES WILL HAVE SOAK FLOWS UNLESS OTHERWISE SPECIFIED AS PER RESPECTIVE STRUCTURAL DRAWINGS AND WATERPROOFING AS PER SPECIFICATIONS.

ALL ROOF SLABS TO HAVE WATERPROOFING AND INSULATION TREATMENT AS PER SPECIFICATIONS.

**LEGEND -**

**REV. DESCRIPTION DATE BY CHD.**

T2	ISSUED FOR TENDER (WITH REFERENCE TO CLIENTS INPUT ON 19-11-2013)	25.11.13	MA	B.S
T1	ISSUED FOR TENDER	29.07.13	MA	B.S

**AMENDMENT**

**GRAPHIC SCALE:** 0 0.5M 1M 2M 3M 4M 5M

**CLIENT:** IIT MADRAS, CHENNAI.

**PROJECT:** CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS

**DRAWING TITLE:** SITE PLAN

SCALE: 1:250 @ (A1)	DRAWN: MAHARAJI	REV
DATE: 04.01.2013	CHKD: BHALLAS	

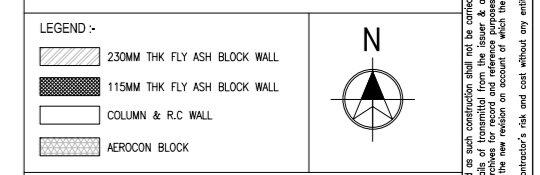
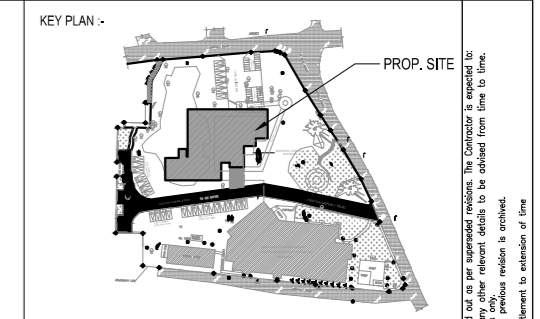
**DRAWING NO:** IIT-CH-BIO-AR00-04-01-160372

**ARCHITECTURE • INTERIOR DESIGN • ENGINEERING • PLANNING • CONSTRUCTION MANAGEMENT**

**CRN**  
C R KARAYANA RAO IUP  
# 10, KARFAGAMBAL NAGAR,  
MYPALAPORE, CHENNAI-600 004

**B.Arch. (Hons.), M.Arch. (Cert.), F.I.A., M.I.A.Soc.A.I.A., Registered Architect.**

**BIO-TECH SITE PLAN**

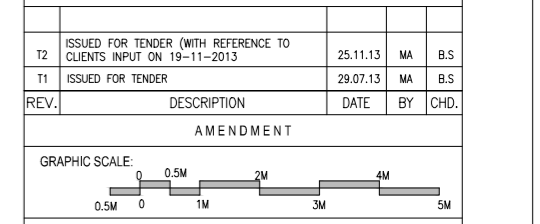


**GENERAL NOTES:**

- \* ALL DIMENSIONS ARE IN MILLIMETRES AND ARE UNLESS OTHERWISE SPECIFIED.
- \* ALL LEVELS ARE IN METRES AND ARE UNLESS OTHERWISE SPECIFIED.
- \* DO NOT SCALE DRAWINGS. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.
- \* FOR ITEMS SUCH AS DOORS, WINDOWS, GRILLS, SINKS, STAIRS, TRAYS, CHANGES, HANDRAILS, ETC. REFER RESPECTIVE ARCHITECTURAL DRAWINGS.
- \* THESE DRAWINGS SHALL BE CORRELATED AND READ IN CONJUNCTION WITH RESPECTIVE CONSULTANT'S APPROVED DRAWINGS FOR STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, SANITARY, ELECTRICAL, AIR-CONDITIONING, VENTILATION, HANDBOOK SPECIFICATIONS & WATERPROOFING AND LANDSCAPING. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.
- \* ALL DOORS SHALL HAVE SINK FLOORS (UNLESS OTHERWISE SPECIFIED) AS PER RESPECTIVE STRUCTURAL DRAWINGS, AND WATERPROOFING AS PER SPECIFICATION.
- \* ALL ROOF SLABS TO HAVE WATERPROOFING AND INSULATION TREATMENT AS PER SPECIFICATIONS.
- \* ALL ARI AND ELEC. ROOM DOORS TO BE FIRE SEALED AT FLOOR LEVEL.

SCHEDULE OF JOINERY		
TYPE	DESCRIPTION	SIZE
GD	GLASS DOOR	3000 x 2100
FD1	FIRERATED STEEL DOOR (DOUBLE SHUTTER)	1500 x 2100
FD2	FIRERATED STEEL DOOR (SINGLE SHUTTER)	1200 x 2100
FD3	FIRERATED STEEL DOOR (SINGLE SHUTTER)	1000 x 2100
SD	STEEL DOOR WITH VISION PANEL (DOUBLE SHUTTER)	1770 x 2100
SD1	STEEL DOOR WITH VISION PANEL (DOUBLE SHUTTER)	1500 x 2100
SD2	STEEL DOOR (DOUBLE SHUTTER)	1500 x 2100
SD2a	STEEL DOOR (DOUBLE LINEG. SHUTTER)	1500 x 2100
SD3	STEEL DOOR (SINGLE SHUTTER)	1000 x 2100
SD3a	STEEL DOOR WITH LOUVER (SINGLE SHUTTER)	1000 x 2100
SD4	STEEL DOOR (SINGLE SHUTTER)	850 x 2100
SD5	STEEL DOOR (SLIDING)	1000 x 2100
TD1	STEEL DOOR WITH VISION PANEL	600 x 1500
TD2	STEEL DOOR (SINGLE SHUTTER)	600 x 1500
AW	ALUMINUM WINDOW (6MM THK. SGU)	4000 x 1800
AW1	ALUMINUM WINDOW (6MM THK. SGU)	2400 x 1800
AW1a	ALUMINUM WINDOW (6MM THK. SGU)	2400 x 1400
AW2	ALUMINUM WINDOW (6MM THK. SGU)	1770 x 1800
AW3	ALUMINUM WINDOW (6MM THK. SGU)	1500 x 1800
AW4	ALUMINUM WINDOW (6MM THK. SGU)	1200 x 1800
AW4a	ALUMINUM WINDOW (6MM THK. SGU)	1200 x 1100
AW5	ALUMINUM WINDOW (6MM THK. SGU)	450 x 1800
AW5a	ALUMINUM WINDOW (6MM THK. SGU)	450 x 1100
AV1	VENTILATOR	2000 x 600
AV2	VENTILATOR	600 x 600
AV3	VENTILATOR	1500 x 900
AV4	ALUMINUM LOUVERS	4500 x 600
AV5	ALUMINUM LOUVERS	1200 x 600
AL1	ALUMINUM LOUVERS	3540 x 27550
AL2	ALUMINUM LOUVERS	900 x 27550
RS	ROLLING SHUTTER	3000 x 3000
FG1	FIXED GLAZING	4900 x 2100
FG2	FIXED GLAZING	3900 x 2100
FG3	FIXED GLAZING	4100 x 2100
FG4	FIXED GLAZING	2700 x 2100

REV.	DESCRIPTION	DATE	BY	CHKD.
T2	ISSUED FOR TENDER (WITH REFERENCE TO CLIENTS INPUT ON 19-11-2013)	25.11.13	MA	B.S.
T1	ISSUED FOR TENDER	29.07.13	MA	B.S.



CLIENT: **IIT MADRAS, CHENNAI.**

PROJECT: **CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS**

DRAWING TITLE: **SIXTH FLOOR PLAN**

SCALE: 1:100 DRAWN: MABRAM REV

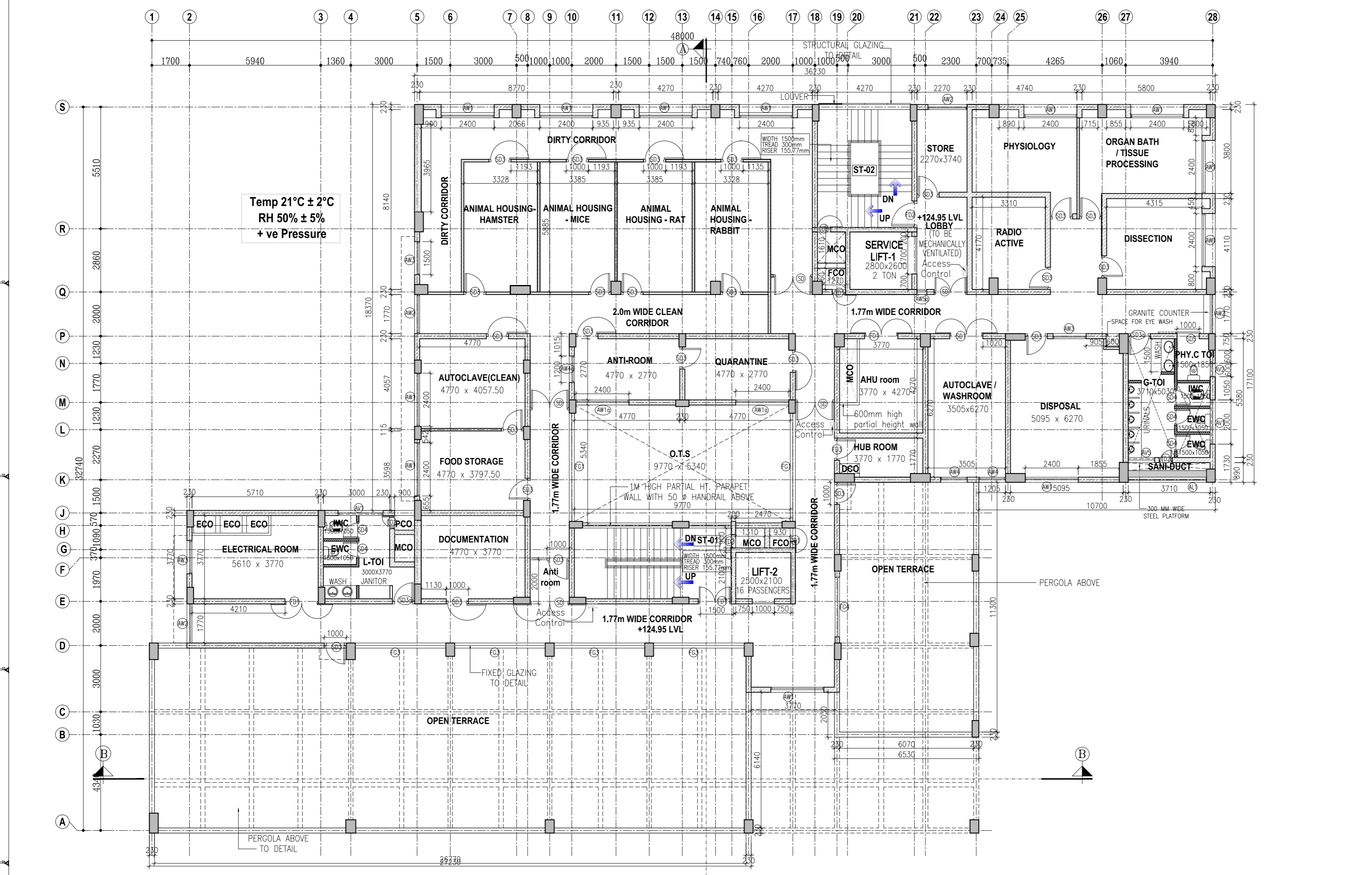
DATE: 18.01.2013 CHKD: BALAJIS

DRAWING NO: **IIT-CH-BIO-AR01-06-01-160726 T2**

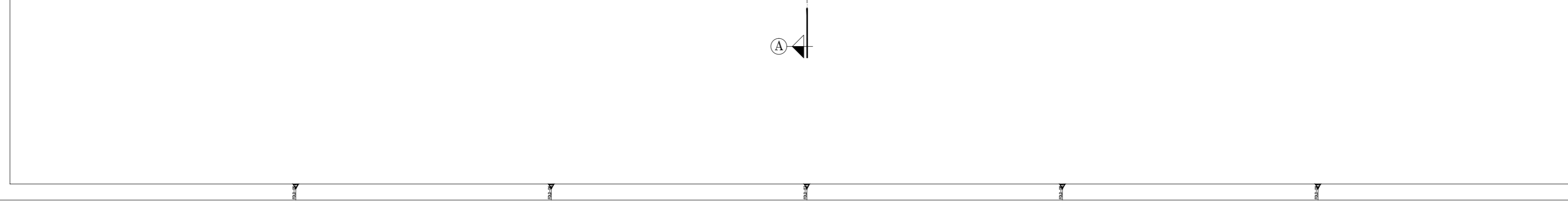


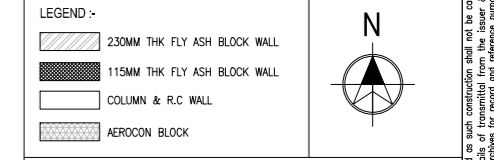
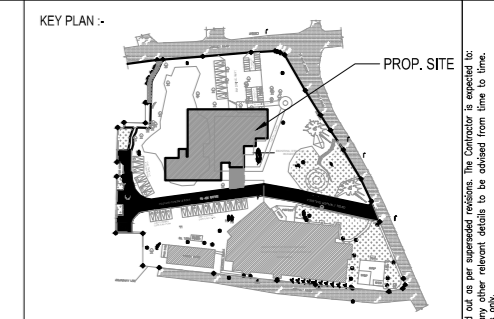
Arch. (Mem.), M.Arch. (Coll.), F.I.A., Int.Assoc.A.I.A., Registered Architect.

**BIO-TECH**



Temp 21°C ± 2°C  
RH 50% ± 5%  
+ ve Pressure





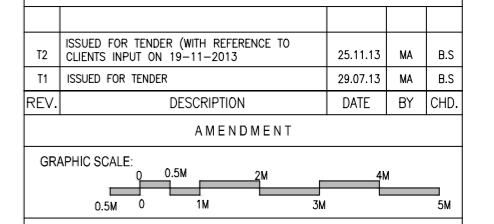
**GENERAL NOTES:**

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- \* ALL LEVELS ARE IN METRES AND ARE UNFINISHED LEVELS UNLESS OTHERWISE SPECIFIED.
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**SCHEDULE OF JOINERY**

TYPE	DESCRIPTION	SIZE
GD	GLASS DOOR	3000 x 2100
FD1	FIBERGLASS STEEL DOOR (DOUBLE SHUTTER)	1500 x 2100
FD2	FIBERGLASS STEEL DOOR (SINGLE SHUTTER)	1200 x 2100
FD3	FIBERGLASS STEEL DOOR (SINGLE SHUTTER)	1000 x 2100
SD	STEEL DOOR WITH VISION PANEL (DOUBLE SHUTTER)	1770 x 2100
SD1	STEEL DOOR WITH VISION PANEL (DOUBLE SHUTTER)	1500 x 2100
SD2	STEEL DOOR (DOUBLE SHUTTER)	1500 x 2100
SD2a	STEEL DOOR (DOUBLE LINEG. SHUTTER)	1500 x 2100
SD3	STEEL DOOR (SINGLE SHUTTER)	1000 x 2100
SD3a	STEEL DOOR WITH LOUVER (SINGLE SHUTTER)	1000 x 2100
SD4	STEEL DOOR (SINGLE SHUTTER)	850 x 2100
SD5	STEEL DOOR (SLIDING)	1000 x 2100
TD1	STEEL DOOR WITH VISION PANEL	600 x 1500
TD2	STEEL DOOR (SINGLE SHUTTER)	600 x 1500
AW	ALUMINUM WINDOW (6MM THK. SGU)	4000 x 1800
AW1	ALUMINUM WINDOW (6MM THK. SGU)	2400 x 1800
AW1a	ALUMINUM WINDOW (6MM THK. SGU)	2400 x 1400
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RS	ROLLING SHUTTER	3000 x 3000
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FG2	FIXED GLAZING	3900 x 2100
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FG4	FIXED GLAZING	2700 x 2100

REV.	DESCRIPTION	DATE	BY	CHKD.
T2	ISSUED FOR TENDER (WITH REFERENCE TO CLIENTS INPUT ON 19-11-2013)	25.11.13	MA	B.S.
T1	ISSUED FOR TENDER	29.07.13	MA	B.S.



CLIENT: **IIT MADRAS, CHENNAI.**

PROJECT: **CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS**

DRAWING TITLE: **TERRACE PLAN**

SCALE: 1:100 | DRAWN: MABRAM | REV  
DATE: 03.05.2013 | CHKD: BALAJIS

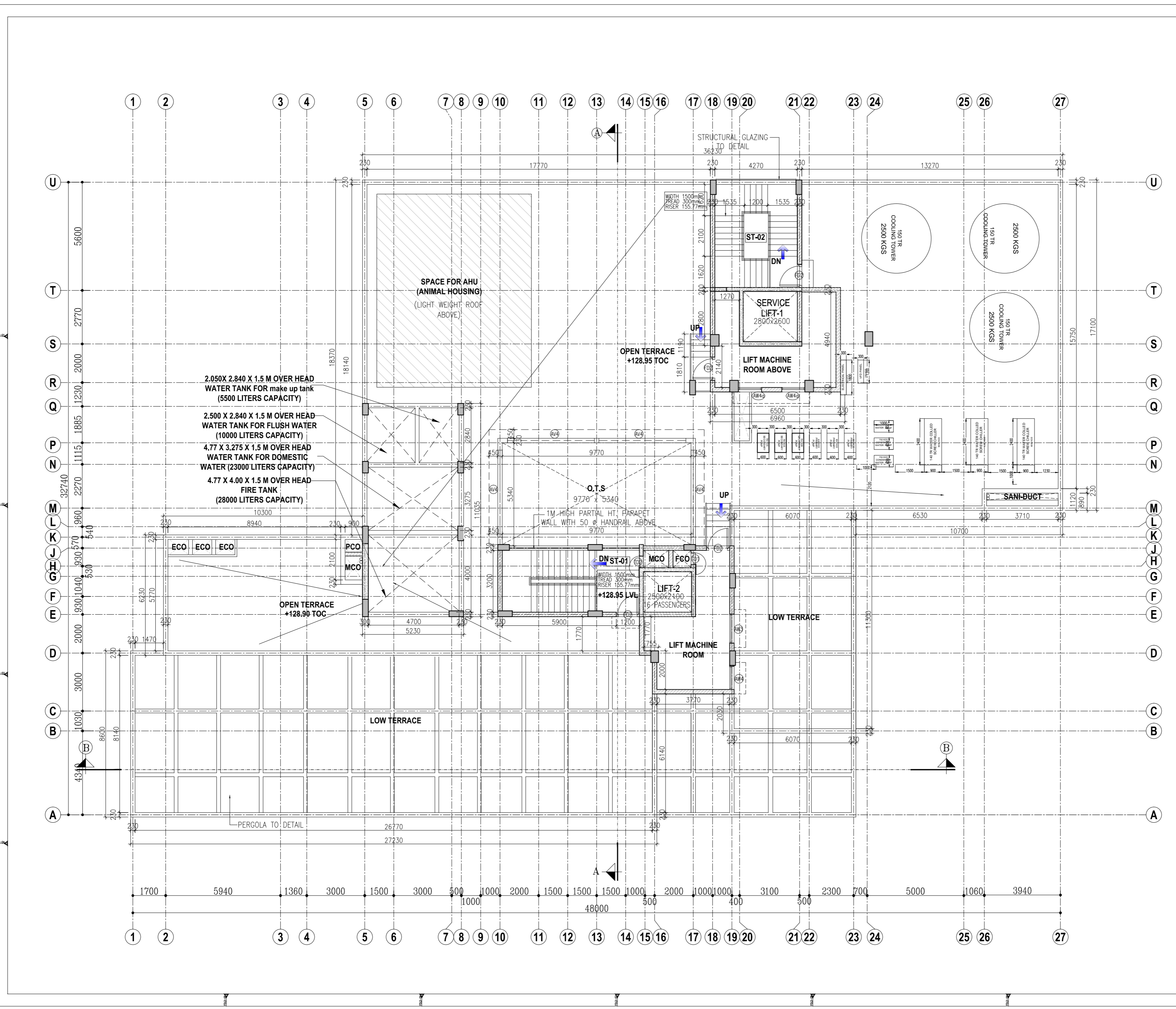
DRAWING NO: **IIT-CH-BIO-AR01-T-50-168118** | T2

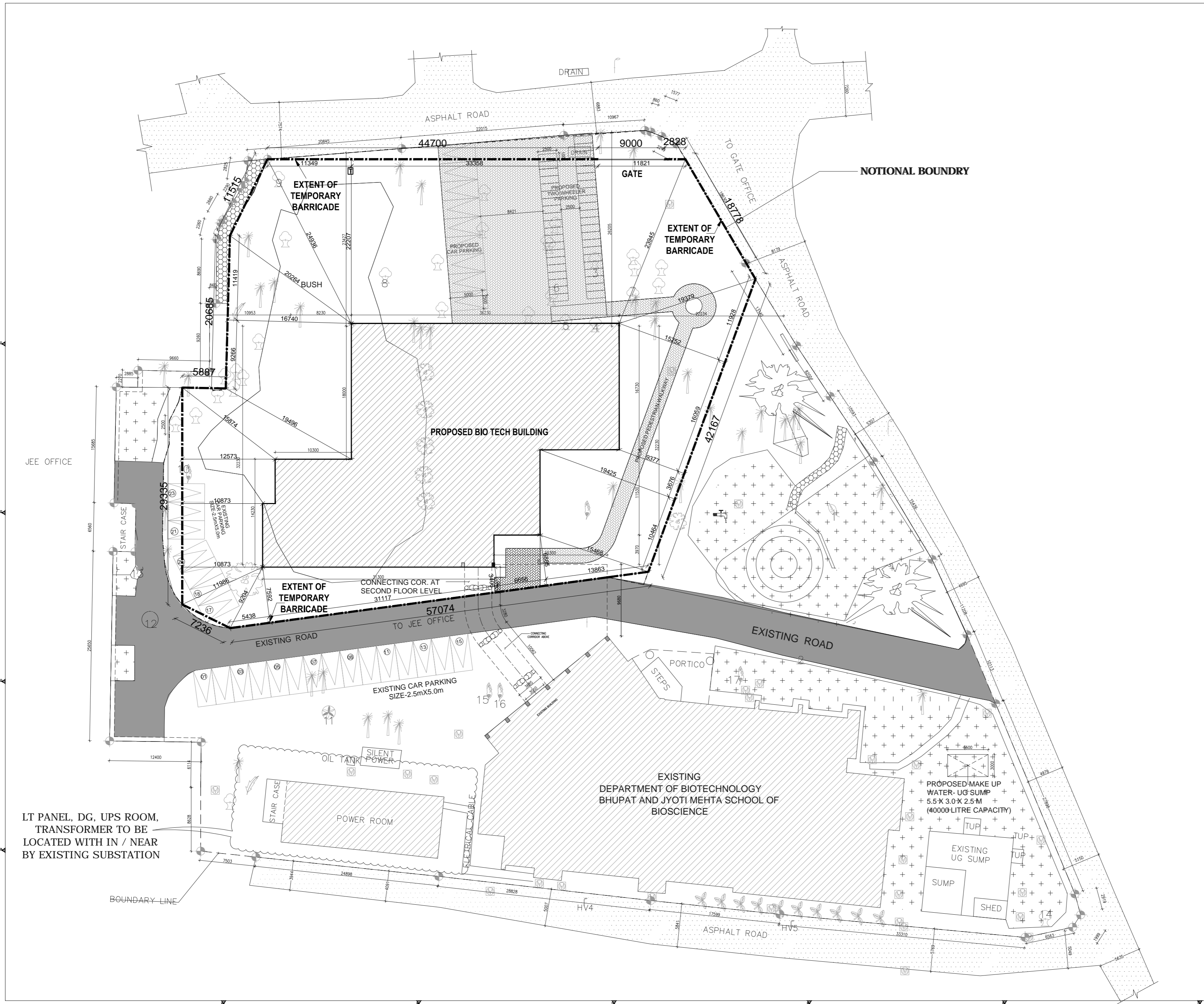
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B.Arch. (Hons.), M.Arch. (Coll.), F.I.A., Int.Assoc.A.I.A., Registered Architect.

**BIO-TECH**





**KEY PLAN**

**LEGEND**

- BARRICADE
- 9 M WIDE GATE

**GENERAL NOTES:**

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- \*ALL ROOF SLABS TO HAVE WATERPROOFING AND INSULATION TREATMENT AS PER SPECIFICATIONS.

**CLIENT:** IIT MADRAS, CHENNAI.

**PROJECT:** CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS

**DRAWING TITLE:** TEMPORARY BARRICADE LAYOUT

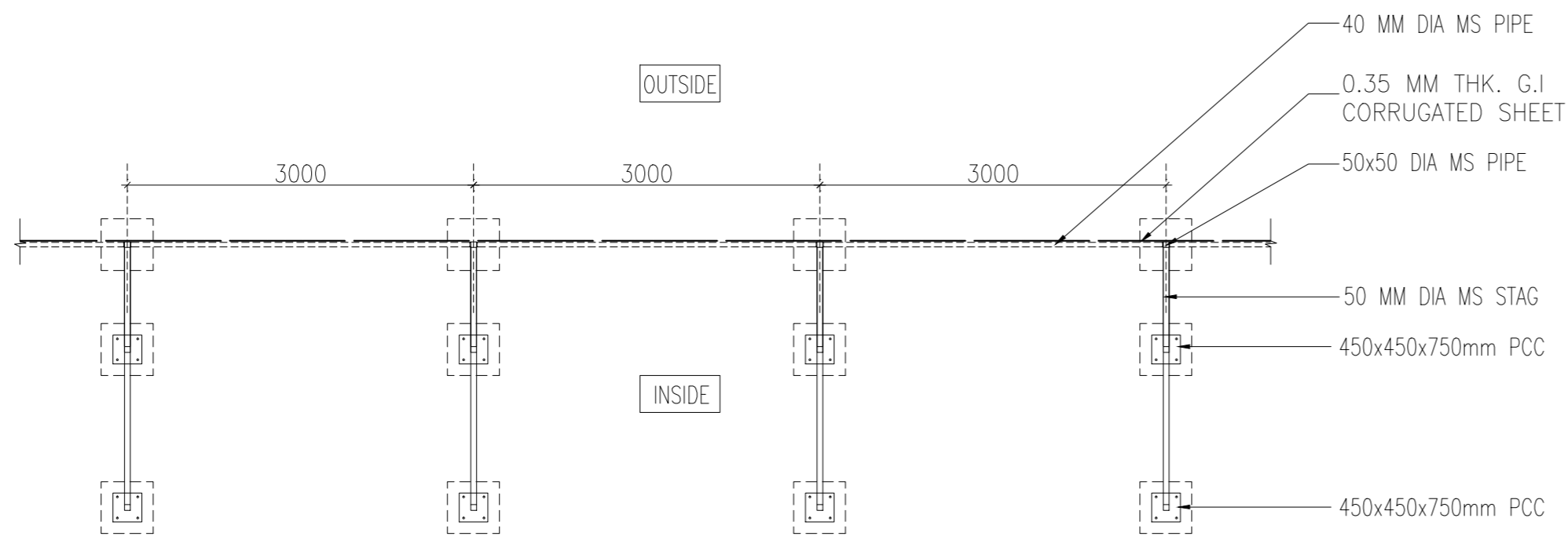
SCALE: 1:250 @ (A1)	DRAWN: M.BHARANI	REV
DATE: 04.01.2013	CHKD: BALAKS	
DRAWING NO: IIT-CH-BIO-AR00-04-50-174258		T1

**ARCHITECTURE • INTERIOR DESIGN • ENGINEERING • PLANNING • CONSTRUCTION MANAGEMENT**

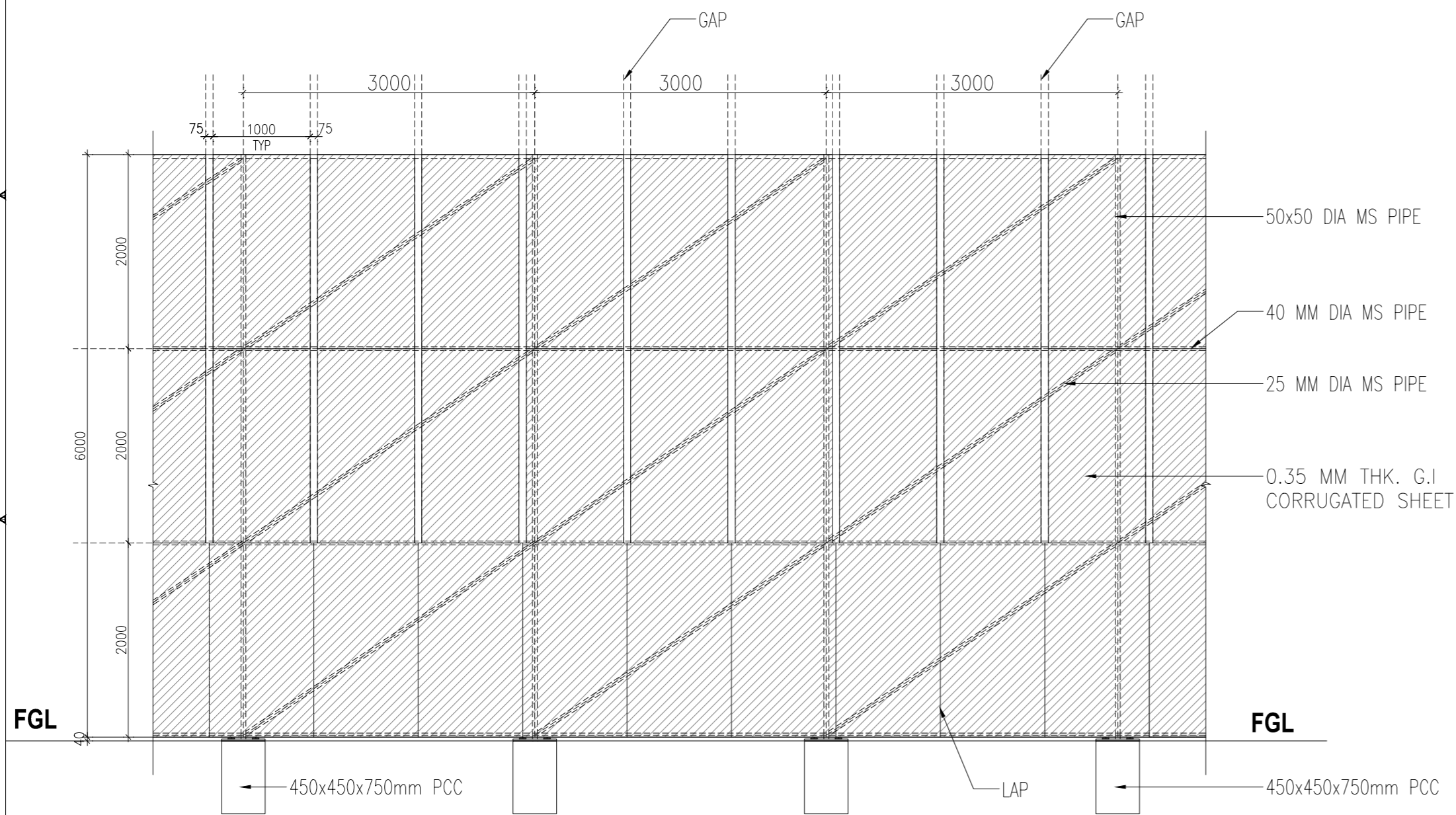
**CRN**  
C R NARAYANA RAO LLP  
# 10, KARPAGAMBAL NAGAR,  
MYLAPORE, CHENNAI-600 034

B.Arch. (Hons.), M.Arch. (Coll.), F.I.I.A., Int.Assoc.A.I.A.  
Registered Architect.

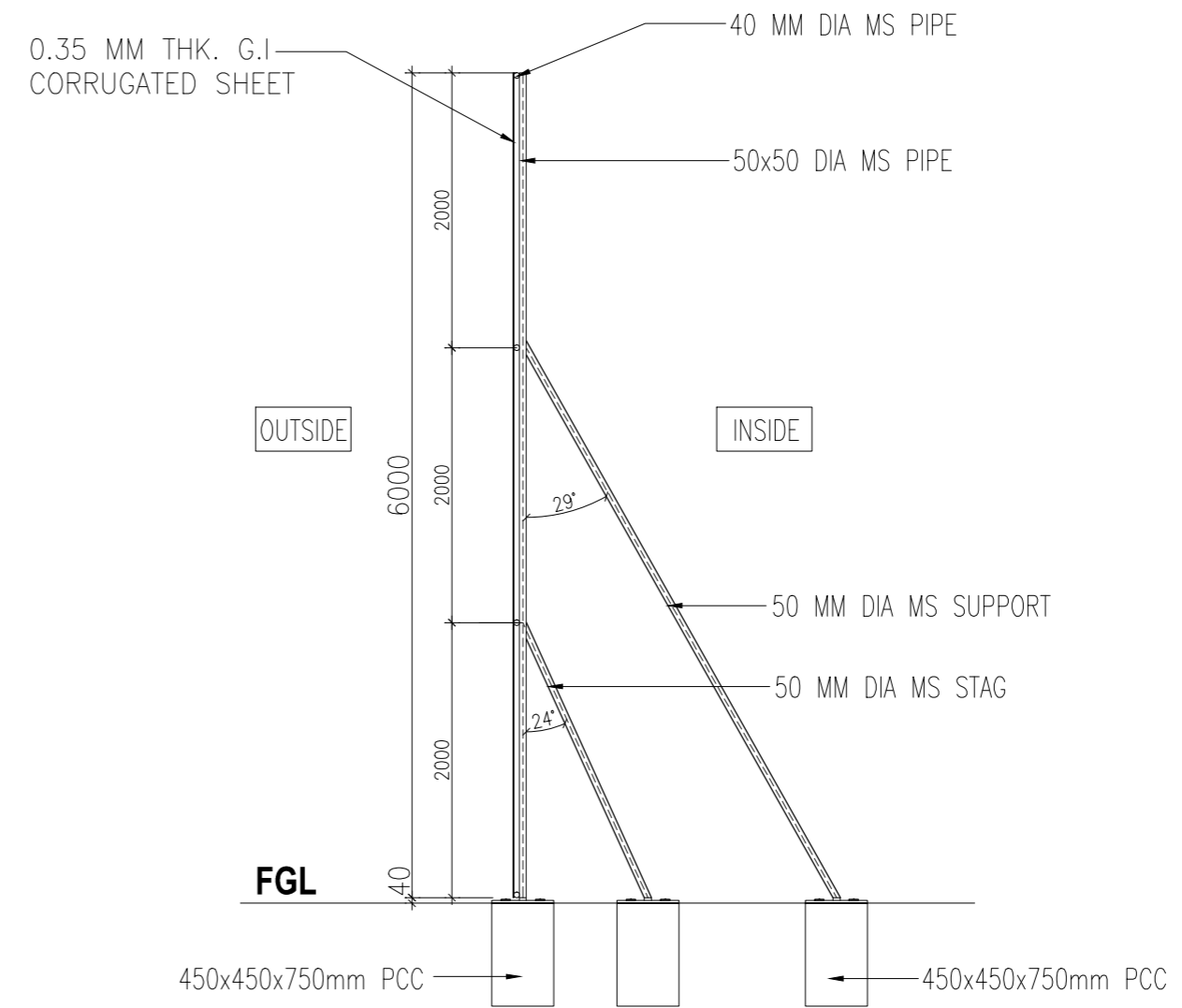
**BIO-TECH - BARRICADE LAYOUT**



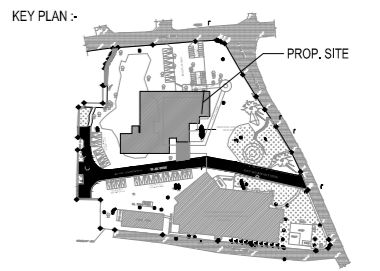
PART PLAN



PART ELEVATION



TYPICAL SECTION



GENERAL NOTES:  
 \*ALL DIMENSIONS ARE IN MILLIMETRES AND ARE UNFINISHED DIMENSIONS UNLESS OTHERWISE SPECIFIED.  
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REV.	DESCRIPTION	DATE	BY	CHKD.
ISSUED FOR TENDER		19.11.13	MA	B.S.

AMENDMENT

CLIENT:  
 IIT MADRAS, CHENNAI.

PROJECT:  
 CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS

DRAWING TITLE:  
 TEMPORARY BARRICADE DETAIL

SCALE : 1:50 @ (A2) DRAWN : M.ASRAM REV

DATE : 19.11.2013 CHKD : BALAJIS

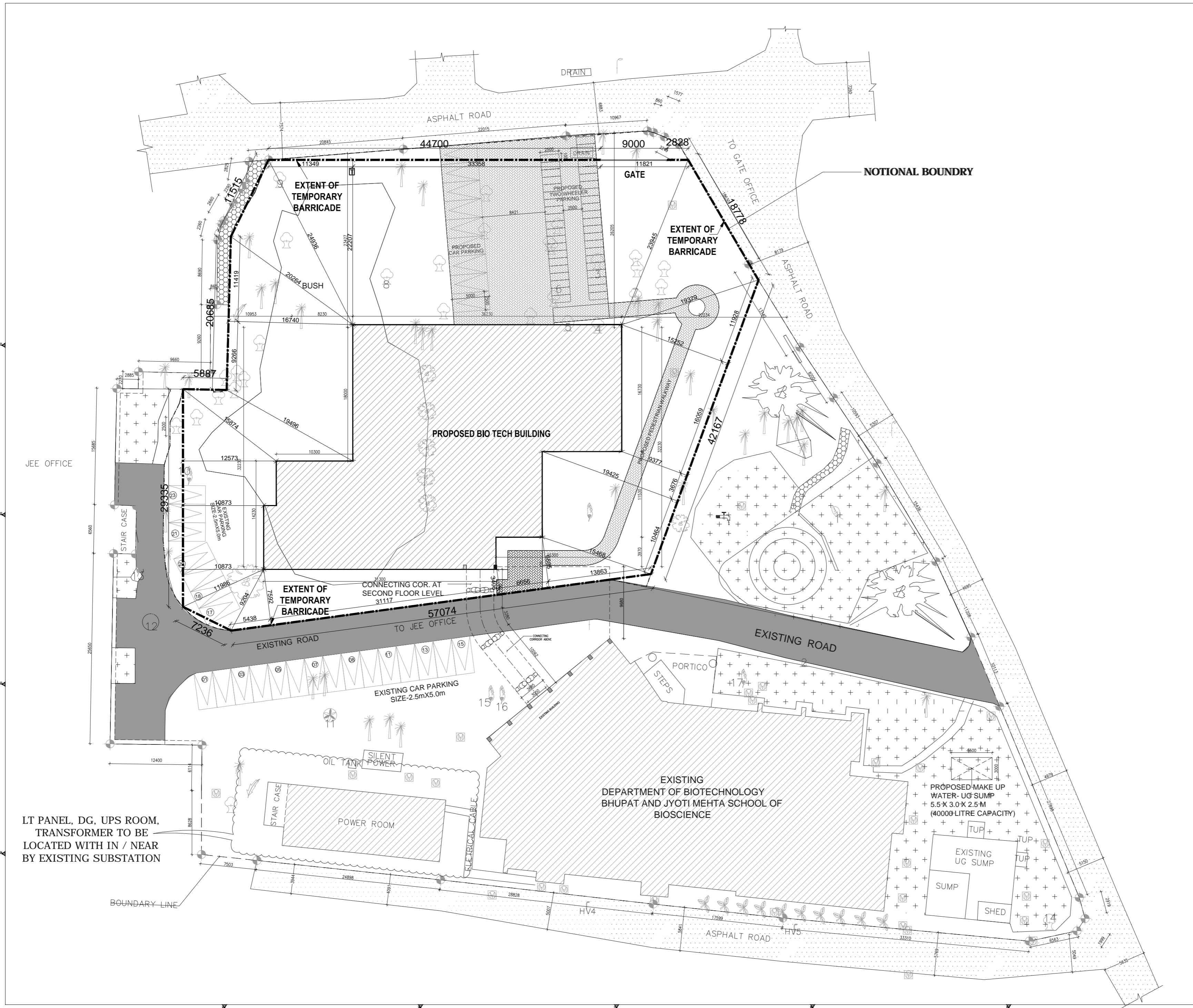
DRAWING NO:  
 IIT-Ch-BIO-AR00-04-50-172576 T1



# 10, KARPAGAMBAL NAGAR,  
 MYLAPPORE, CHENNAI-600 004

B.Arch. (Hons.), M.Arch. (CoE), F.I.I.A., Int.Assoc.A.I.A.,  
 Registered Architect.

BIO-TECH



**KEY PLAN**

**LEGEND**

- BARRICADE
- 9 M WIDE GATE

**GENERAL NOTES:**

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**CLIENT:** IIT MADRAS, CHENNAI.

**PROJECT:** CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS

**DRAWING TITLE:** TEMPORARY BARRICADE LAYOUT

SCALE: 1:250 @ (A1)	DRAWN: M.BHARANI	REV
DATE: 04.01.2013	CHKD: BALAKS	
DRAWING NO:	IIT-CH-BIO-AR00-04-50-174258	T1

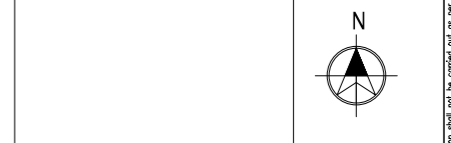
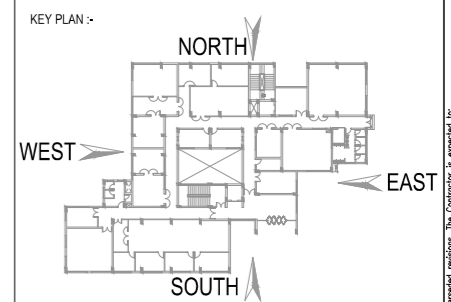
**ARCHITECTURE • INTERIOR DESIGN • ENGINEERING • PLANNING • CONSTRUCTION MANAGEMENT**

**CRN**  
C R NARAYANA RAO LLP  
# 10, KARPAGAMBAL NAGAR,  
MYLAPORE, CHENNAI-600 034

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Registered Architect.

**BIO-TECH - BARRICADE LAYOUT**

CONSULTANT WILL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE DATA PROVIDED BY THE CLIENT OR THE USER OF THE DRAWING. THE CONSULTANT IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT OR THE SAFETY OF THE PROJECT. THE CONSULTANT IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT OR THE SAFETY OF THE PROJECT. THE CONSULTANT IS NOT RESPONSIBLE FOR THE CONSTRUCTION OF THE PROJECT OR THE SAFETY OF THE PROJECT.



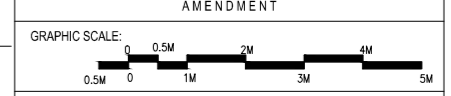
**GENERAL NOTES:**

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**LEGEND:**

-  SKK TEXTURE PAINT COLOUR-1
-  SKK TEXTURE PAINT COLOUR-2
-  SKK TEXTURE PAINT COLOUR-3
-  ALUMINIUM LOUVERS.
-  EXTERNAL EMULSION PAINT COLOUR-4
-  EXTERNAL EMULSION PAINT COLOUR-5

T2	ISSUED FOR TENDER WITH REFERENCE TO CLIENT'S INPUT ON 18.11.2013	25.11.13	RBL	BS
T1	ISSUED FOR TENDER	30.07.13	RBL	BS
REV.	DESCRIPTION	DATE	BY	CHKD.




CLIENT:  
**IIT MADRAS, CHENNAI.**

PROJECT:  
**CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS**

DRAWING TITLE:  
**EAST SIDE ELEVATION**

SCALE: 1:80 (A1)	DRAWN: INDUV	REV
DATE: 22.01.2013	CHKD: BALAJI	
DRAWING NO: IIT-CH-BIOAR02-01-03-160729	T2	

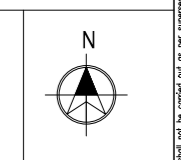
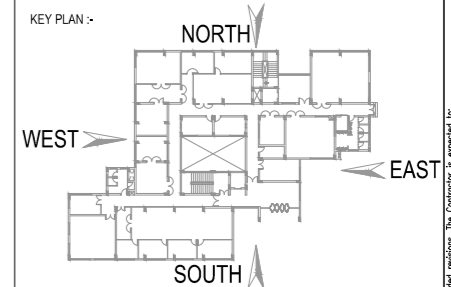
ARCHITECTURE • INTERIOR DESIGN • ENGINEERING • PLANNING • CONSTRUCTION MANAGEMENT



**C R NARAYANA RAO & UP**  
# 10, KARFAGAMBAL NAGAR,  
MYPALAPORE, CHENNAI-600 004

B.Arch. (Hons.), M.Arch. (CofE), F.I.I.A., MII, Assoc. A.I.A.,  
Registered Architect.

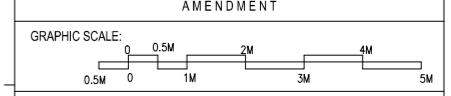
**BIO-TECH**



GENERAL NOTES:  
 ALL DIMENSIONS ARE IN METRES AND ARE UNFINISHED DIMENSIONS UNLESS OTHERWISE SPECIFIED.  
 ALL LEVELS ARE IN METRES AND ARE UNFINISHED LEVELS UNLESS OTHERWISE SPECIFIED.  
 DO NOT SCALE DIMENSIONS. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.  
 FOR DETAILS SUCH AS DOORS, WINDOWS, GRILLS, SILL, SPLINTER, TOILETS, SINKS, SHOWER, HANDWASH, BATHING, ETC. REFER RESPECTIVE ARCHITECTURAL DRAWINGS.  
 THESE DRAWINGS SHALL BE CORRELATED AND READ IN CONJUNCTION WITH RESPECTIVE CONSULTANT'S APPROVED DRAWINGS FOR STRUCTURAL, MECHANICAL, SERVICES SUCH AS PLUMBING, SWAGING, ELECTRICAL, AIR-CONDITIONING, VENTILATION, SANITARY DRAINAGE & WATERPROOFING AND LANDSCAPING AND DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.  
 ALL TOILETS WILL HAVE SINK FLOORS (UNLESS OTHERWISE SPECIFIED) AS PER RESPECTIVE STRUCTURAL DRAWINGS AND WATERPROOFING AS PER SPECIFICATION.  
 ALL ROOF SLABS TO HAVE WATERPROOFING AND INSULATION TREATMENT AS PER SPECIFICATIONS.

- LEGEND -
- SKK TEXTURE PAINT COLOUR-1
  - SKK TEXTURE PAINT COLOUR-2
  - SKK TEXTURE PAINT COLOUR-3
  - ALUMINIUM LOUVERS.
  - EXTERNAL EMULSION PAINT COLOUR-4
  - EXTERNAL EMULSION PAINT COLOUR-5

T2	ISSUED FOR TENDER WITH REFERENCE TO CLIENT'S INPUT ON 19.11.2013	25.11.13	RBL	BS
T1	ISSUED FOR TENDER	30.07.13	RBL	BS

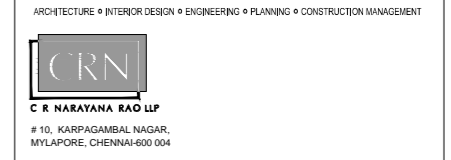


CLIENT:  
**IIT MADRAS, CHENNAI.**

PROJECT:  
**CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS**

DRAWING TITLE:  
**NORTH SIDE ELEVATION**

SCALE: 1:80 (A1)	DRAWN: INDUV	REV
DATE: 17.12.2012	CHD: BALAJI S	
DRAWING NO: IIT-CH-BIO-AR02-01-02-160728		T2

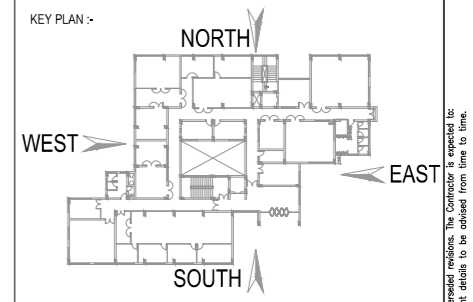


ARCHITECTURE \* INTERIOR DESIGN \* ENGINEERING \* PLANNING \* CONSTRUCTION MANAGEMENT  
**BIO-TECH**



**NORTH SIDE ELEVATION**

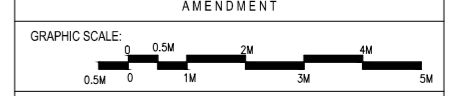




GENERAL NOTES:  
 - ALL DIMENSIONS ARE IN MILLIMETRES AND ARE UNFINISHED DIMENSIONS UNLESS OTHERWISE SPECIFIED.  
 - ALL LEVELS ARE IN METRES AND ARE UNFINISHED LEVELS UNLESS OTHERWISE SPECIFIED.  
 - DO NOT SCALE DRAWINGS. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.  
 - FOR DETAILS SUCH AS DOORS, WINDOWS, GRILLS, GATES, SPOULIGHT, TOILETS, SINKS, WASHBASINS, HANDBASINS, ETC. REFER RESPECTIVE ARCHITECTURAL DRAWINGS.  
 - THESE DRAWINGS SHALL BE CONSULTED AND READ IN CONJUNCTION WITH RESPECTIVE CONSULTANT'S APPROVED DRAWINGS FOR STRUCTURAL, MECHANICAL, SERVICES SUCH AS PLUMBING, SANITARY, ELECTRICAL, AND CONDITIONING, VENTILATION, HEATING, FIRE & WEATHERPROOFING AND ACCEPTING ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.  
 - ALL TOILETS WILL HAVE SINK FLOORS UNLESS OTHERWISE SPECIFIED AS PER RESPECTIVE STRUCTURAL DRAWINGS AND WEATHERPROOFING AS PER SPECIFICATIONS.  
 - ALL ROOF SLABS TO HAVE WEATHERPROOFING AND INSULATION TREATMENT AS PER SPECIFICATIONS.

- LEGEND:
- SKK TEXTURE PAINT COLOUR-1
  - SKK TEXTURE PAINT COLOUR-2
  - SKK TEXTURE PAINT COLOUR-3
  - ALUMINIUM LOUVERS.
  - EXTERNAL EMULSION PAINT COLOUR-4
  - EXTERNAL EMULSION PAINT COLOUR-5

T2	ISSUED FOR TENDER WITH REFERENCE TO CLIENT'S INPUT ON 19.11.2013	25.11.13	RBL	BS
T1	ISSUED FOR TENDER	30.07.13	RBL	BS

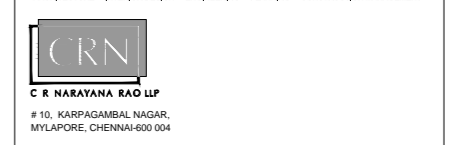


CLIENT:  
**IIT MADRAS, CHENNAI.**

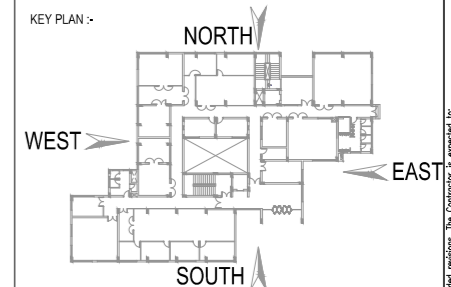
PROJECT:  
**CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS**

DRAWING TITLE:  
**SOUTH SIDE ELEVATION**

SCALE: 1:80 (A1)	DRAWN: INDUV	REV
DATE: 22.01.2013	CHD: BALAJI S	
DRAWING NO: IIT-CH-BIO-AR02-01-01-160727		T2



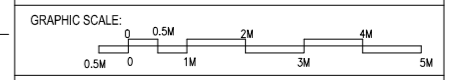
Arch. (Regd.), M.Arch., (Cert.), F.I.A., IRI,Assoc.A.I.A.,  
 Registered Architect.  
**BIO-TECH**



**GENERAL NOTES :**  
 ALL DIMENSIONS ARE IN METRES AND ARE UNLESS OTHERWISE SPECIFIED.  
 ALL LEVELS ARE IN METRES AND ARE UNLESS OTHERWISE SPECIFIED.  
 DO NOT SCALE DRAWINGS. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.  
 FOR DETAILS SUCH AS DOORS, WINDOWS, GRILLS, GATES, SPLIGHT, TOILETS, STAIRCASES, HANDRAILS, FINISHES, ETC. REFER RESPECTIVE ARCHITECTURE DRAWINGS.  
 THESE DRAWINGS SHALL BE CORRELATED AND READ IN CONNECTION WITH RESPECTIVE CONSULTANT'S APPROVED DRAWINGS FOR STRUCTURAL MEMBERS, SERVICES SUCH AS PLUMBING, SANITARY, ELECTRICAL, AIR-CONDITIONING, COOLING, HEATING, DRAINAGE & WATERPROOFING AND LANDSCAPING. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.  
 ALL TILES SHALL HAVE SUNK FLOORS UNLESS OTHERWISE SPECIFIED AS PER RESPECTIVE STRUCTURAL DRAWINGS AND WATERPROOFING AS PER SPECIFICATION.  
 ALL ROOF SLABS TO HAVE WATERPROOFING AND INSULATION TREATMENT AS PER SPECIFICATIONS.

- LEGEND -**
- SKK TEXTURE PAINT COLOUR-1
  - SKK TEXTURE PAINT COLOUR-2
  - SKK TEXTURE PAINT COLOUR-3
  - ALUMINIUM LOUVERS.
  - EXTERNAL EMULSION PAINT COLOUR-4
  - EXTERNAL EMULSION PAINT COLOUR-5

REV.	DESCRIPTION	DATE	BY	CHKD.
T2	ISSUED FOR TENDER WITH REFERENCE TO CLIENT'S INPUT ON 19.11.2013	25.11.13	RBL	BS
T1	ISSUED FOR TENDER	30.07.13	RBL	BS

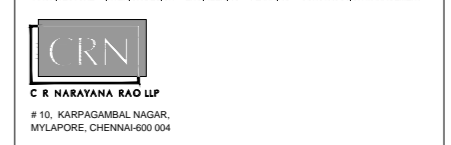


CLIENT:  
**IIT MADRAS, CHENNAI.**

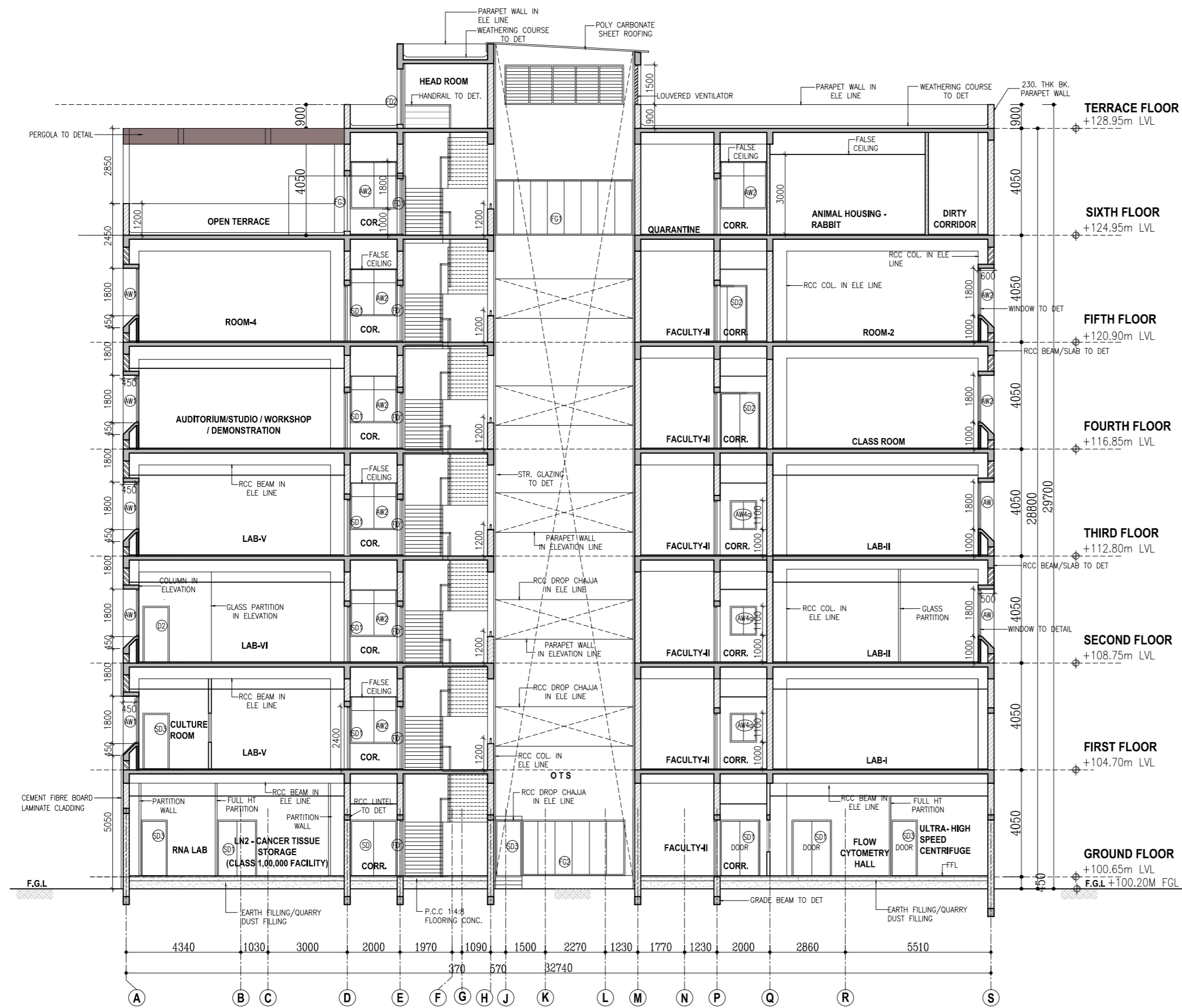
PROJECT:  
 CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS

DRAWING TITLE:  
**WEST SIDE ELEVATION**

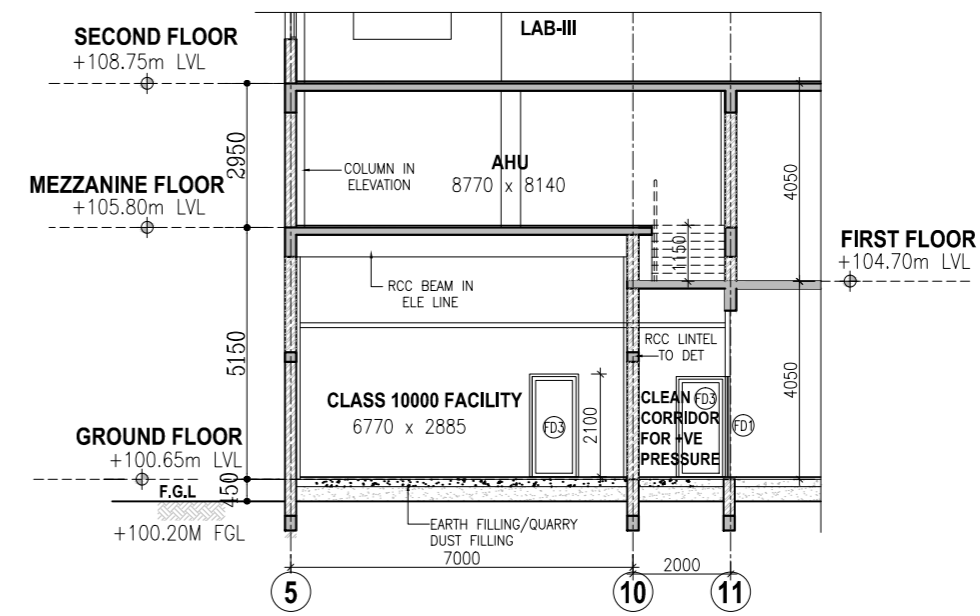
SCALE :	DRAWN :	REV
1:80 (A1)	INDUV	
DATE : 22.01.2013	CHKD : BALAJI	
DRAWING NO: IIT-CH-BIO-AR02-01-04-160730		T2



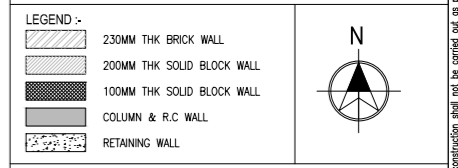
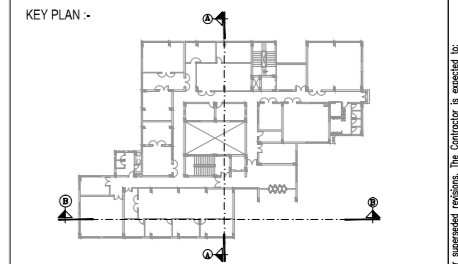
B.Arch. (Form.), M.Arch. (Cert.), F.I.A., IITAssoc.A.I.A., Registered Architect.  
**BIO-TECH**



SECTION ON A-A



PART SECTION ON C-C



GENERAL NOTES:  
 \* ALL DIMENSIONS ARE IN METRES AND ARE UNFINISHED DIMENSIONS UNLESS OTHERWISE SPECIFIED.  
 \* DO NOT SCALE DRAWINGS. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.  
 \* FOR DETAILS SUCH AS DOORS, WINDOWS, GRILLS, SINKS, SPOULGES, TRAYS, LAMINATES, HANDRAILS, RAILING, ETC. REFER RESPECTIVE ARCHITECTURAL DRAWINGS.  
 \* THESE DRAWINGS SHALL BE CORRELATED AND READ IN CONJUNCTION WITH RESPECTIVE CONSULTANTS' APPROVED DRAWINGS FOR STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, SANITARY, LIGHTING, AIR-CONDITIONING, VENTILATION, HAZARDOUS WASTE, AND WATERPROOFING AND LANDSCAPING. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.  
 \* ALL TOILETS WILL HAVE SUNNY FLOORS (UNLESS OTHERWISE SPECIFIED) AS PER RESPECTIVE STRUCTURAL DRAWINGS AND WATERPROOFING AS PER SPECIFICATION.  
 \* ALL ROOF SLABS TO HAVE WATERPROOFING AND INSULATION TREATMENT AS PER SPECIFICATIONS.

REV.	DESCRIPTION	DATE	BY	CHKD.
T2	ISSUED FOR TENDER (MAY REFERENCE TO CLIENTS INVE ON 12-11-2013)	25.11.13	MA	B.S.
T1	ISSUED FOR TENDER	29.07.13	MA	B.S.

AMENDMENT				

CLIENT:  
 IIT MADRAS, CHENNAI.

PROJECT:  
 CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS

DRAWING TITLE:  
 SECTION - 'A A' & 'C C'

SCALE: 1:150 @ (A3)  
 DATE: 17.12.2012

DRAWING NO:  
 IIT-Ch-BIO-AR02-02-01-161124

ARCHITECTURE • INTERIOR DESIGN • ENGINEERING • PLANNING • CONSTRUCTION MANAGEMENT

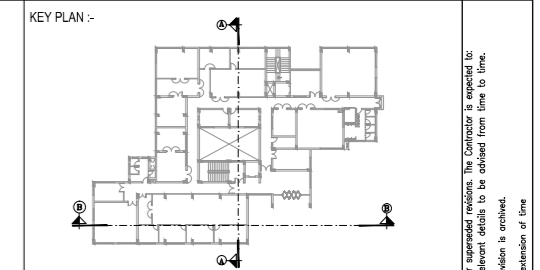


C R NARAYANA RAO LLP  
 # 10, KARPAGAMBAL NAGAR,  
 MYLAPORE, CHENNAI-600 004

B.Arch. (Hons.), M.Arch. (Coh), F.I.A., Int.Assoc.A.I.A.  
 Registered Architect.



SECTION ON B-B



- LEGEND**
- 230MM THK BRICK WALL
  - 200MM THK SOLID BLOCK WALL
  - 100MM THK SOLID BLOCK WALL
  - COLUMN & R.C WALL
  - RETAINING WALL
- GENERAL NOTES**
- \*ALL DIMENSIONS ARE IN MILLIMETRES AND ARE UNFINISHED DIMENSIONS UNLESS OTHERWISE SPECIFIED.
  - \*ALL LEVELS ARE IN METRES AND ARE UNFINISHED LEVELS UNLESS OTHERWISE SPECIFIED.
  - \*DO NOT SCALE DRAWINGS. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.
  - \*FOR DETAILS SUCH AS DOORS, WINDOWS, GRILLS, SINKS, SPOULGES, TRAYS, LAMINATES, HANDRAILS, RAILINGS, ETC. REFER RESPECTIVE ARCHITECTURAL DRAWINGS.
  - \*THESE DRAWINGS SHALL BE CORRELATED AND READ IN CONJUNCTION WITH RESPECTIVE CONSULTANT'S APPROVED DRAWINGS FOR STRUCTURAL, MECHANICAL, SERVICES SUCH AS PLUMBING, SANITARY, ELECTRICAL, AIR-CONDITIONING, VENTILATION, FAN/EXHAUST, & WATERPROOFING AND LANDSCAPING. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.
  - \*ALL TOILETS WILL HAVE SUNK FLOORS (UNLESS OTHERWISE SPECIFIED) AS PER RESPECTIVE STRUCTURAL DRAWINGS, AND WATERPROOFING AS PER SPECIFICATION.
  - \*ALL ROOF SLABS TO HAVE WATERPROOFING AND INSULATION TREATMENT AS PER SPECIFICATIONS.

REV.	DESCRIPTION	DATE	BY	CHKD.
T2	ISSUED FOR TENDER (WITH REFERENCE TO CLIENT'S INPUT ON 19-11-2013)	25.11.13	MA	B.S.
T1	ISSUED FOR TENDER	29.07.13	MA	B.S.

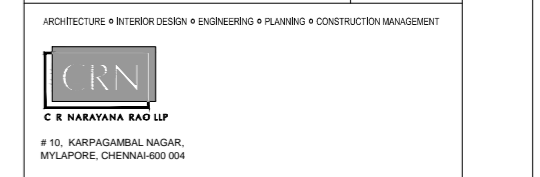
AMENDMENT

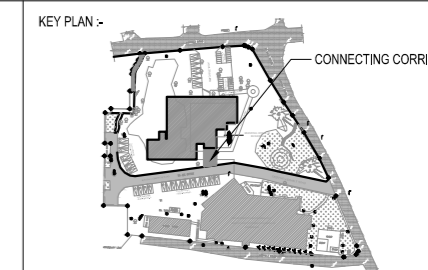
GRAPHIC SCALE: 0 0.5M 1M 2M 3M 4M 5M

CLIENT:  
**IIT MADRAS, CHENNAI.**

PROJECT:  
**CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS**

DRAWING TITLE: <b>SECTION - 'B B'</b>	
SCALE : 1:100 @ (A1)	DRAWN : MABRAM
DATE : 31.01.2013	CHKD : BALAJIS
DRAWING NO: IIT-Ch-BIO-AR02-02-161125	REV T2





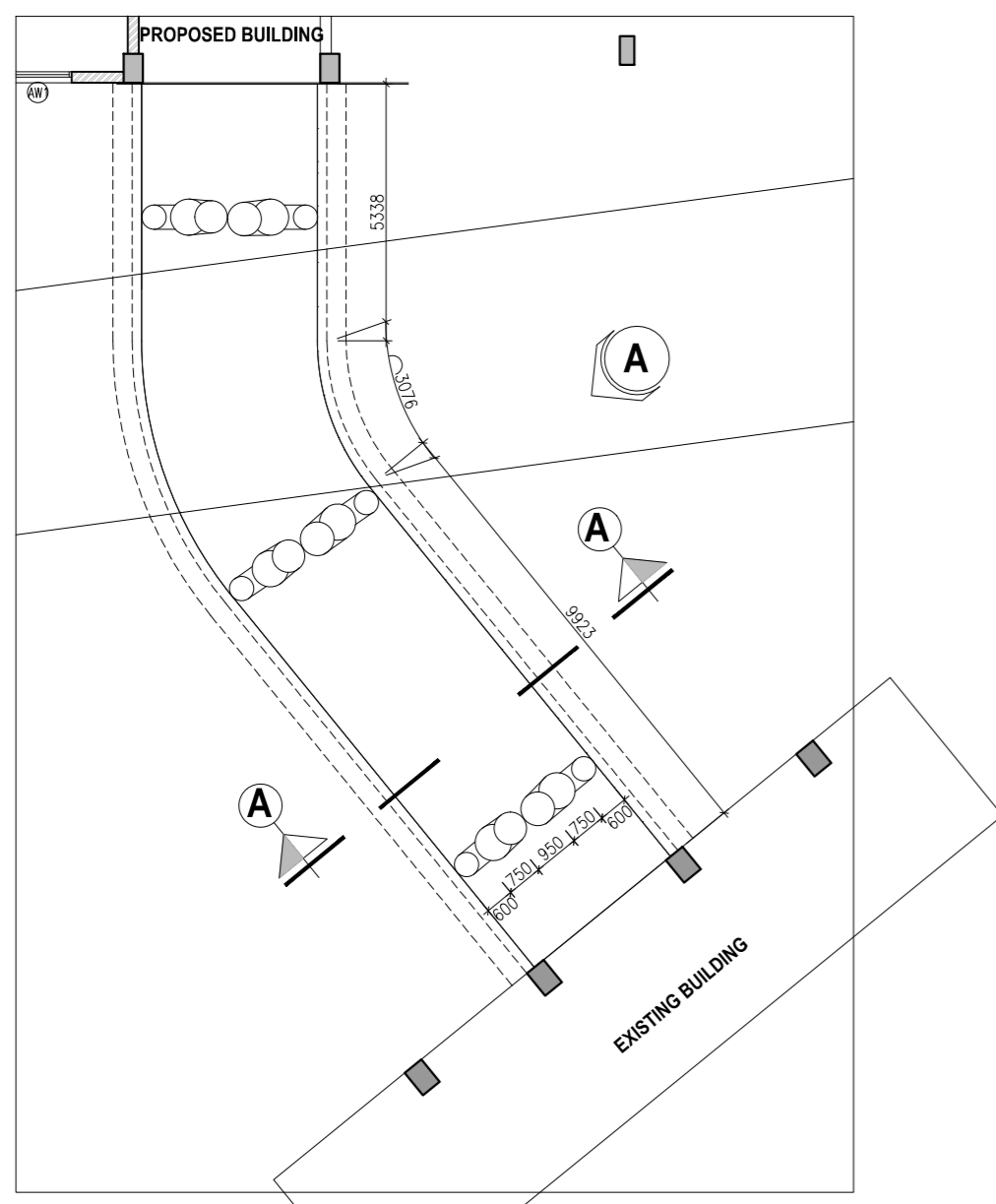
Construction work shall be executed in accordance with the approved drawings and specifications. The contractor shall be responsible for obtaining all necessary permits and approvals. The contractor shall be responsible for obtaining all necessary permits and approvals. The contractor shall be responsible for obtaining all necessary permits and approvals.

LEGEND

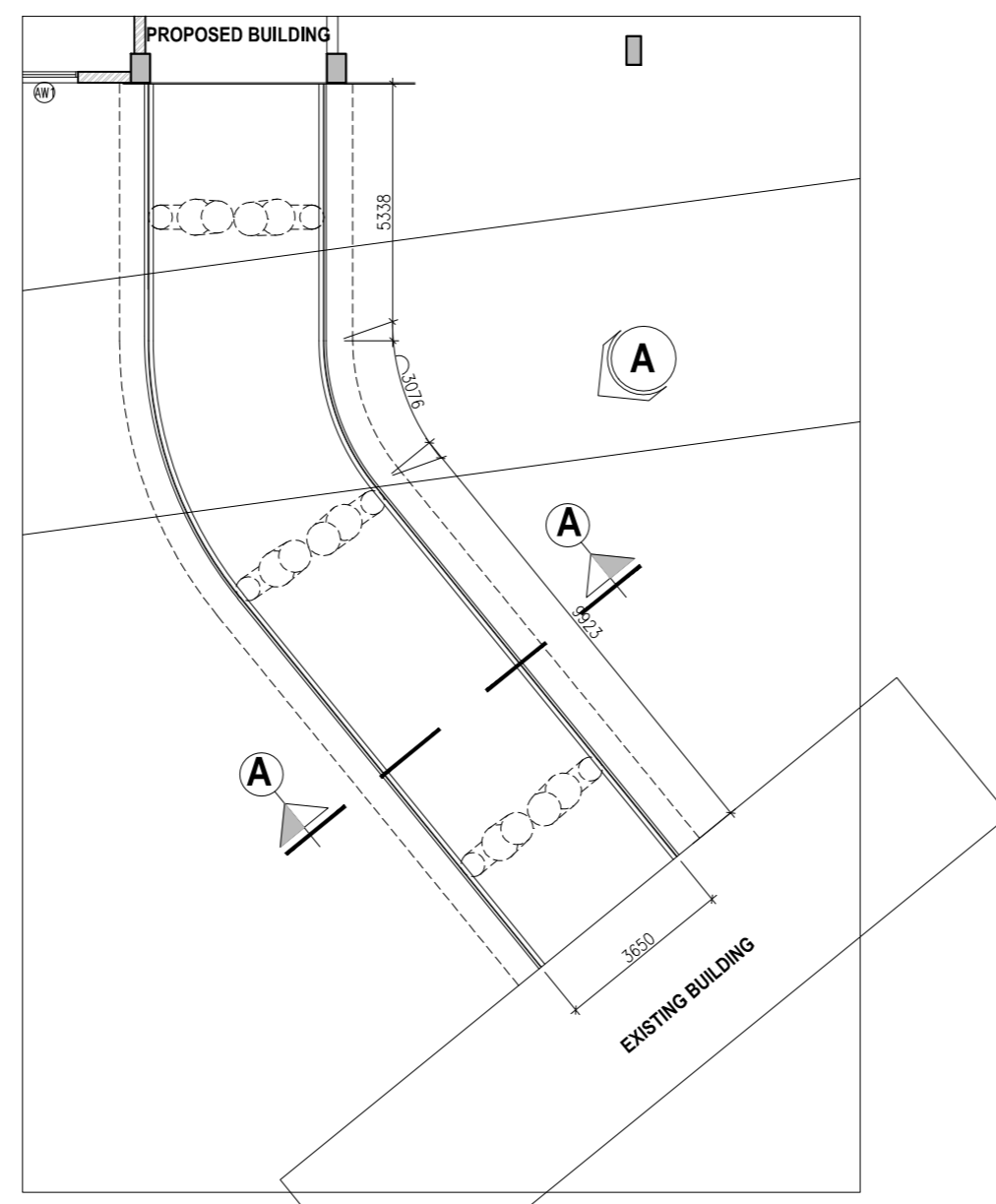
- 230MM THK FLY ASH BLOCK WALL
- 200MM THK FLY ASH BLOCK WALL
- 100MM THK FLY ASH BLOCK WALL
- COLUMN & R/C WALL
- RETAINING WALL

GENERAL NOTES

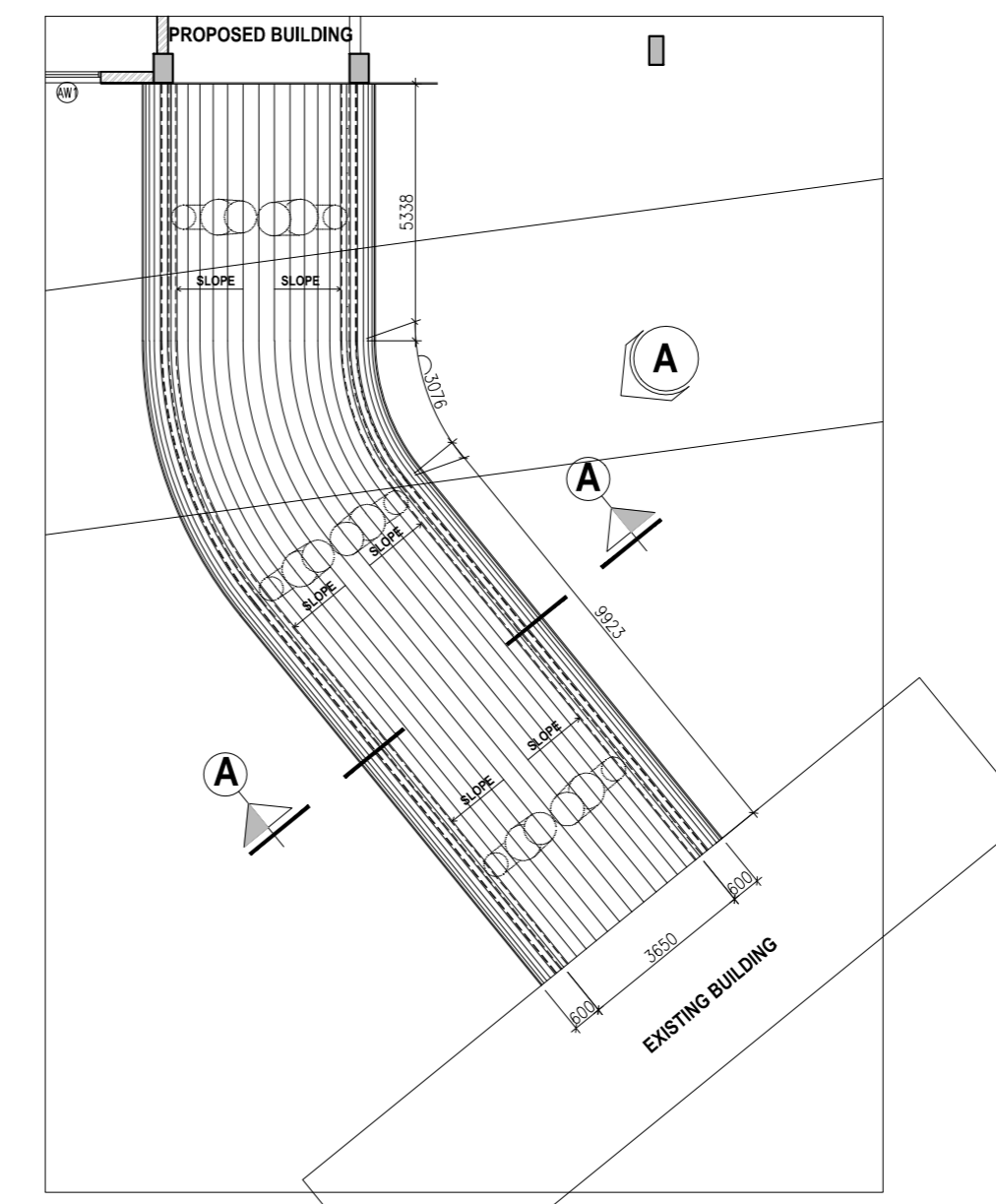
- \*ALL DIMENSIONS ARE IN MILLIMETRES AND ARE UNFINISHED DIMENSIONS UNLESS OTHERWISE SPECIFIED.
- \*ALL LEVELS ARE IN METRES AND ARE UNFINISHED LEVELS UNLESS OTHERWISE SPECIFIED.
- \*DO NOT SCALE DRAWINGS. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.
- \*FOR DETAILS SUCH AS DOORS, WINDOWS, GRILLS, SLOPES, TOILETS, CHIMNEYS, HANDRAILS, RAILING, ETC. REFER RESPECTIVE ARCHITECTURAL DRAWINGS.
- \*THESE DRAWINGS SHALL BE CORRELATED AND READ IN CONJUNCTION WITH RESPECTIVE CONTRACTORS' APPROVED DRAWINGS FOR STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, SANITARY, ELECTRICAL, AIR-CONDITIONING, VENTILATION, PAINTWORK, WATERPROOFING AND LANDSCAPING AND ANY DISCREPANCIES NOTED SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT PRIOR TO EXECUTION.
- \*ALL TOILETS WILL HAVE SUNK FLOORS (UNLESS OTHERWISE SPECIFIED) AS PER RESPECTIVE STRUCTURAL DRAWINGS AND WATERPROOFING AS PER SPECIFICATIONS.
- \*ALL ROOF SLABS TO HAVE WATERPROOFING AND INSULATION TREATMENT AS PER SPECIFICATIONS.



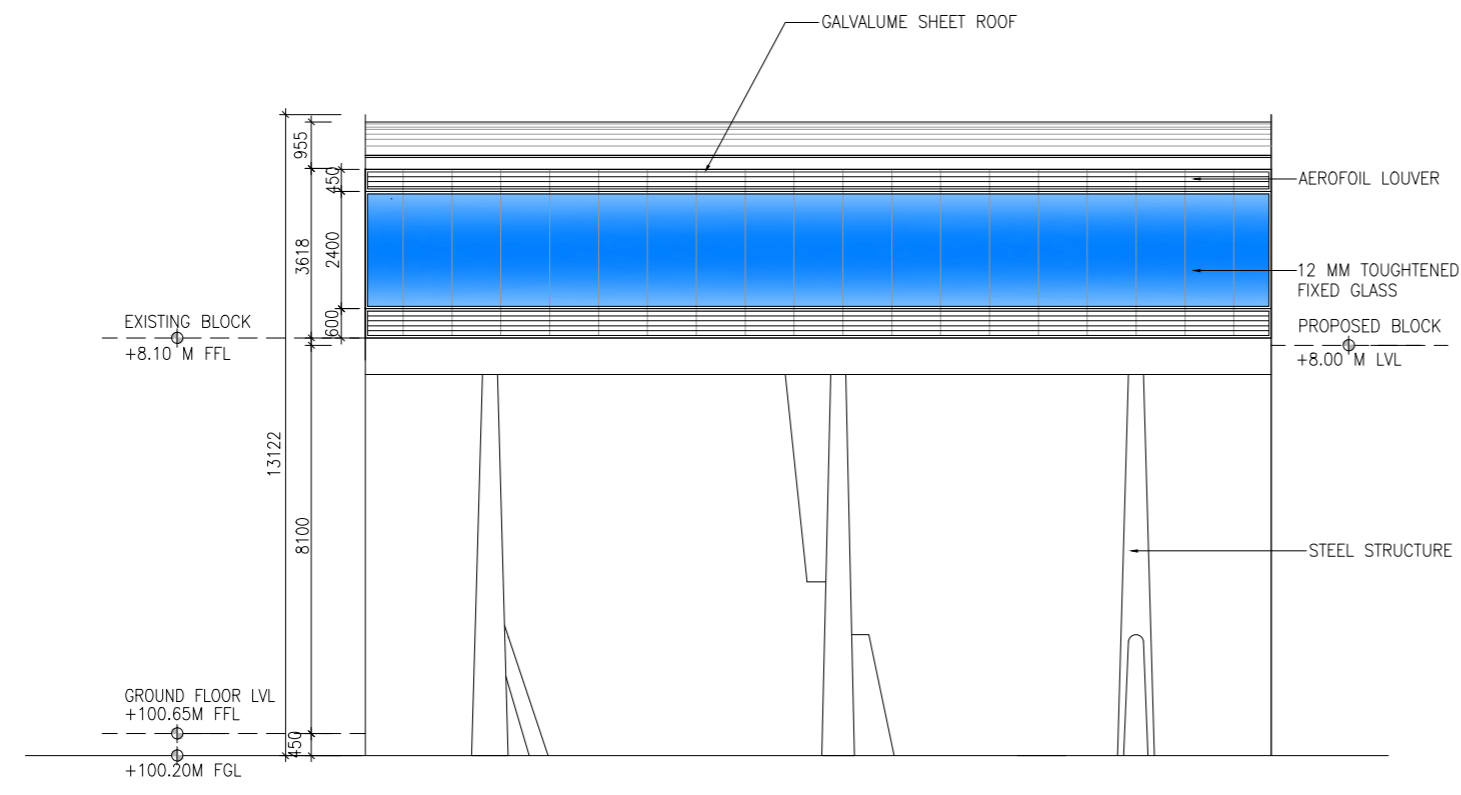
**CONNECTING CORRIDOR PLAN  
PLAN AT +1.0 M LVL**



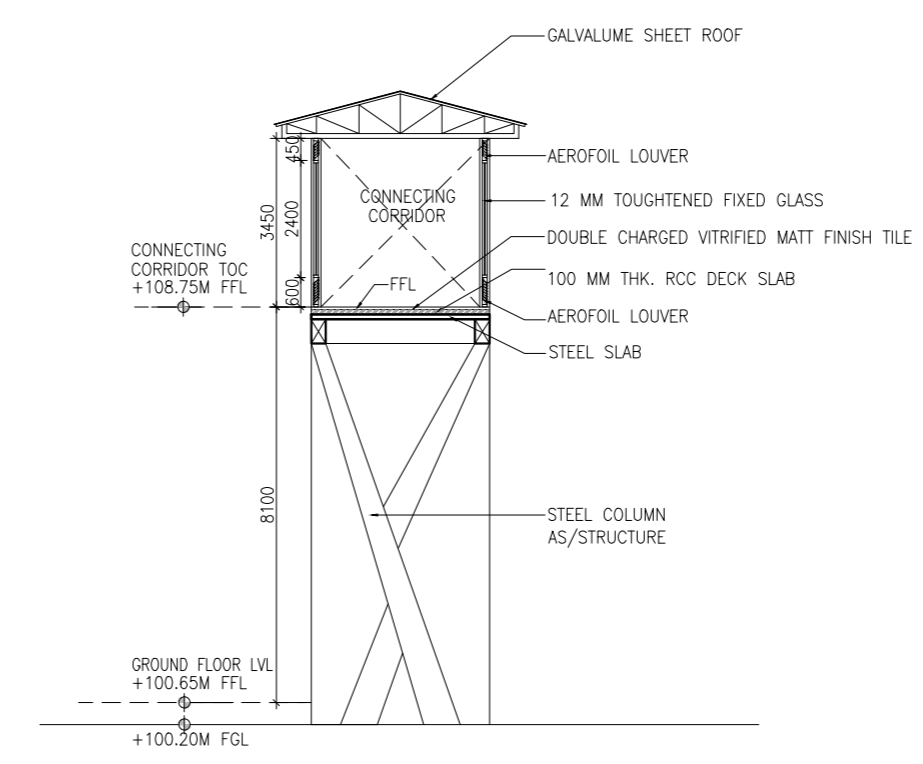
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PLAN AT +8.45 M LVL**



**CONNECTING CORRIDOR PLAN  
PLAN AT ROOF LVL**

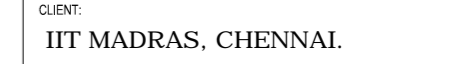


**ELEVATION**



**SECTION - 1-1**

REV.	DESCRIPTION	DATE	BY	CHKD.
T2	ISSUED FOR TENDER WITH REFERENCE TO CLIENTS INPUT ON 10-11-2013	25.11.13	MA	B.S
T1	ISSUED FOR TENDER	29.07.13	MA	B.S



CLIENT: IIT MADRAS, CHENNAI.

PROJECT: CONSTRUCTION OF BIOTECHNOLOGY AND CENTRE FOR SUSTAINABILITY BUILDING (GROUND + 6 FLOORS) AT IIT MADRAS

DRAWING TITLE: CONNECTING CORRIDOR DETAIL

SCALE : 1:100 @ (A1) DRAWN : MABRAM REV

DATE : 17.06.2013 CHD : BALAKIS

DRAWING NO: IIT-CH-BIO-AR20-01-01-168124 T2

ARCHITECTURE • INTERIOR DESIGN • ENGINEERING • PLANNING • CONSTRUCTION MANAGEMENT

C R NARAYANA RAO LLP  
# 10, KARPAGAMBAL NAGAR, MYLAPORE, CHENNAI-600 004

3.Arch. (Hons.), M.Arch., (CofE), F.I.A.A., Int.Assoc.A.S.A., Registered Architect.