

राष्ट्रीय आदिवासी छात्र शिक्षा समिति
(जनजातीय कार्य मंत्रालय के अंतर्गत
एक स्वायत्त संस्थान, भारत सरकार)
भू-तल, गेट नंबर-3ए, जीवन तारा बिल्डिंग,
संसद मार्ग, नई दिल्ली-110001
दूर. 011-23340280



National Education Society for Tribal Students
(An Autonomous Organization under
Ministry of Tribal Affairs, Govt. of India)
Ground Floor, Gate No.3 A, Jeevan Tara Building,
Parliament Street, New Delhi-110001
Telephone No. 011-23340280
वेबसाइट/Website: www.tribal.nic.in
Email: nests-tribal@tribal.gov.in

File No NESTS/Civil/EMRS Order/140/2021-22

Date:07.05.2022

To,

**CMD/MD/CEO
B & R/EPIL/HSCL/NPCC/MTDC/MANIDCO/TCIL/WAPCOS**

Sub: Guidelines for EMRS Phase-II and Single- Phase Construction- Electrical and Other Services Drawings Reg.

Dear Sir,

Vide NESTS order No. **NESTS/Civil/EMRS Order/140/2021-22** dated 30.03.2022, the guidelines for Phase-II and Single Phase Construction were issued to all PSUs engaged with the construction of EMRS. In continuation to this, I am directed to convey approval of electricals and other services drawing for uniformity in estimation and construction purpose. Details of drawings are as under:

1. Electrical Layouts for Standard EMRS drawings of School, Girls' Hostel, Boys' Hostels, Kitchen and Dining Type -III & Type -II Quarters, Principal quarter
2. Electrical Sub Station
3. 200 Users & 100 user Septic Tank
4. Underground Sump
5. Pump Room
6. Entrance Gate - Modified

The above drawings to be followed henceforth unless otherwise mentioned. However, any deviation from standard norms of educational buildings, anomalies, etc in drawings shall be brought to the notice of NESTS.

This order is issues with the approval of competent authority.

Your faithfully,


(K.C. Meena)

Additional Commissioner, NESTS

Copy to:

1. Nodal officer of construction agency, EMRS Works, **B & R / EPIL /HSCL /NPCC /MTDC /MANIDCO / TCIL /WAPCOS for information and necessary action please**
2. **PS to Commissioner, NESTS**
3. **Guard File**

CONSTRUCTION OF SCHOOL BUILDING FOR EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS)

CLIENT -
GOVT OF INDIA
MINISTRY OF TRIBAL AFFAIRS
NATIONAL EDUCATIONAL SOCIETY FOR TRIBAL STUDENTS



Notes-
Furniture in all the rooms except class rooms will be decided at later stage.

[Handwritten Signature]

[Handwritten Signature]
A D P Keshri
Chief Engineer & Consultant

LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	16-25A POWER PLUG POINT FOR AC UNIT	450MM
	15/16A POWER PLUG POINT	450MM
	5/6A LIGHT PLUG POINT	450MM
	2x6A UPS PLUG POINT	450MM
	TELEPHONE OUTLET	450MM
	DATA OUTLET	450MM

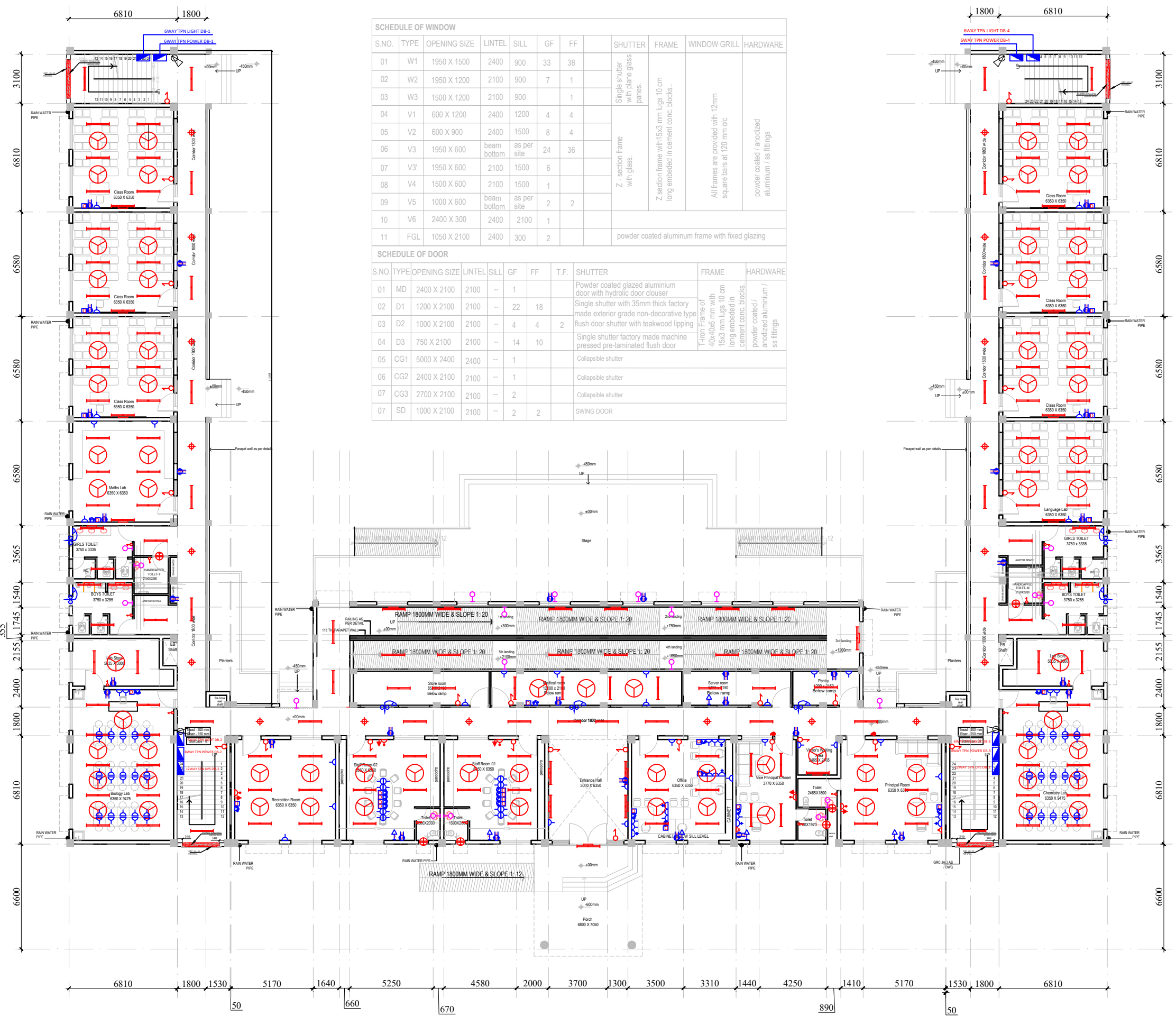
LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	12W LED DOWN LIGHTER	CEILING
	20W LED WALL MOUNTED TUBE LIGHT	2250MM
	20W LED CEILING MOUNTED TUBE LIGHT	CEILING
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 200mm	AS/PER WINDOW
	EXHAUST FAN 300mm	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	2x6A PLUG POINT FOR TV	1200MM
	TELEVISION POINT	1200MM
	BATTEN HOLDER WITH 20W LED BULB	2250MM
	BELL	2250MM
	FIXED DOME CAMERA	

CATEGORY : SCHOOL BUILDING

DRAWING TITLE : GROUND FLOOR PLAN

DWG. NO.- EMRS NAME/SCH/AR_01



SCHEDULE OF WINDOW

S.NO.	TYPE	OPENING SIZE	LINTEL	SILL	GF	FF	SHUTTER	FRAME	WINDOW GRILL	HARDWARE
01	W1	1950 X 1500	2400	900	33	38	Single shutter with plane glass panes. Z - section frame with glass. Z section frame with 15x3 mm lugs 10 cm long embedded in cement conc. blocks. All frames are provided with 12mm square bars at 120 mm c/c powder coated / anodized aluminium / ss fittings	Z section frame with 15x3 mm lugs 10 cm long embedded in cement conc. blocks.	All frames are provided with 12mm square bars at 120 mm c/c	powder coated / anodized aluminium / ss fittings
02	W2	1950 X 1200	2100	900	7	1				
03	W3	1500 X 1200	2100	900		1				
04	V1	600 X 1200	2400	1200	4	4				
05	V2	600 X 900	2400	1500	8	4				
06	V3	1950 X 600	beam bottom	as per site	24	36				
07	V3*	1950 X 600	2100	1500	6					
08	V4	1500 X 600	2100	1500	1					
09	V5	1000 X 600	beam bottom	as per site	2	2				
10	V6	2400 X 300	2400	2100	1					
11	FGL	1050 X 2100	2400	300	2					

SCHEDULE OF DOOR

S.NO.	TYPE	OPENING SIZE	LINTEL	SILL	GF	FF	T.F.	SHUTTER	FRAME	HARDWARE
01	MD	2400 X 2100	2100	-	1			Powder coated glazed aluminium door with hydraulic door closer		
02	D1	1200 X 2100	2100	-	22	18		Single shutter with 35mm thick factory made exterior grade non-decorative type flush door shutter with teakwood lipping	T-iron Frame of 40x40x6 mm with 15x3 mm lugs 10 cm long embedded in cement conc. blocks.	powder coated / anodized aluminium / ss fittings
03	D2	1000 X 2100	2100	-	4	4	2	Single shutter factory made machine pressed pre-laminated flush door		
04	D3	750 X 2100	2100	-	14	10		Single shutter factory made machine pressed pre-laminated flush door		
05	CG1	5000 X 2400	2400	-	1			Collapsible shutter		
06	CG2	2400 X 2100	2100	-	1			Collapsible shutter		
07	CG3	2700 X 2100	2100	-	2			Collapsible shutter		
07	SD	1000 X 2100	2100	-	2	2		SWING DOOR		

GROUND FLOOR PLAN

CONSTRUCTION OF SCHOOL BUILDING FOR EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS)

CLIENT -

GOVT OF INDIA
MINISTRY OF TRIBAL AFFAIRS
NATIONAL EDUCATIONAL SOCIETY FOR TRIBAL STUDENTS



Adm
Deep
Reshri

A D P Keshri
Chief Engineer & Consultant

LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	16-25A POWER PLUG POINT FOR AC UNIT	450MM
	15/16A POWER PLUG POINT	450MM
	5/6A LIGHT PLUG POINT	450MM
	2x6A UPS PLUG POINT	450MM
	TELEPHONE OUTLET	450MM
	DATA OUTLET	450MM

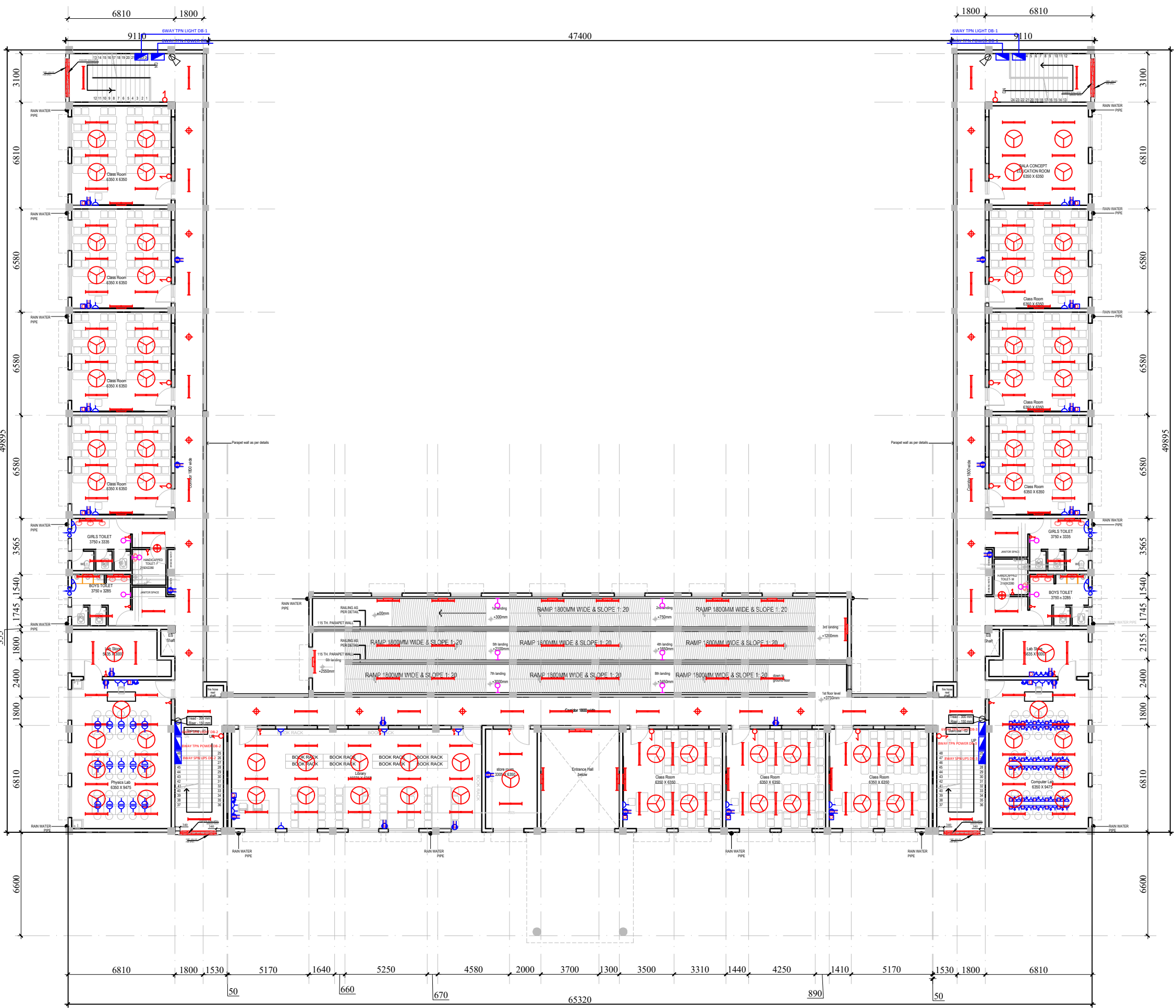
LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	12W LED DOWN LIGHTER	CEILING
	20W LED WALL MOUNTED TUBE LIGHT	2250MM
	20W LED CEILING MOUNTED TUBE LIGHT	CEILING
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 200mm	AS/PER WINDOW
	EXHAUST FAN 300mm	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	2x6A PLUG POINT FOR TV	1200MM
	TELEVISION POINT	1200MM
	BATTEN HOLDER WITH 20W LED BULB	2250MM
	BELL	2250MM
	FIXED DOME CAMERA	

CATEGORY: SCHOOL BUILDING

DRAWING TITLE: **FIRST FLOOR PLAN**

DWG. NO.-
EMRS NAME/SCH/AR_02



FIRST FLOOR PLAN



A.P.K.
Prasad
A D P Keshri
 Chief Engineer & Consultant

LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	16-25A POWER PLUG POINT FOR AC UNIT	450MM
	15/16A POWER PLUG POINT	450MM
	5/6A LIGHT PLUG POINT FOR TV	1200MM
	TELEVISION POINT	1200MM
	5/6A LIGHT PLUG POINT	450MM
	5/6A LIGHT PLUG POINT WITH SWITCH BOARD	1050MM
	TELEPHONE OUTLET	450MM
	DATA OUTLET	450MM

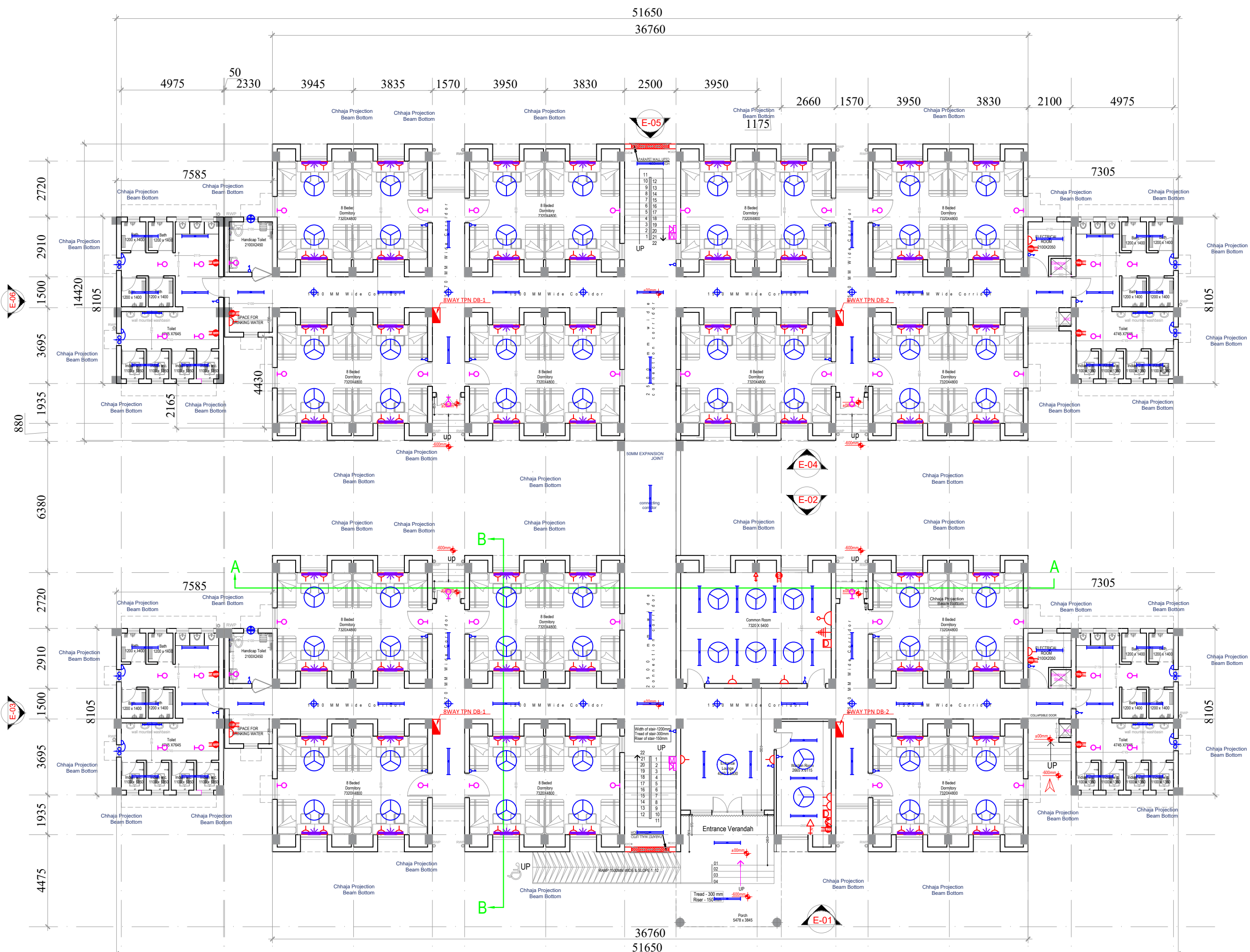
LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	12W LED DOWN LIGHTER	CEILING
	20W LED WALL MOUNTED TUBE LIGHT	2250MM
	40W LED WALL MOUNTED TUBE LIGHT	2250MM
	20W LED CEILING MOUNTED TUBE LIGHT	CEILING
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 300mm	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	BATTEN HOLDER WITH 20W LED BULB	2250MM

CATEGORY : BOYS HOSTEL

DRAWING TITLE : GROUND FLOOR PLAN

DWG. NO. - EMRS NAME/BH/AR_01



GROUND FLOOR PLAN ±00mm



Adar
Prashant
A D P Keshri
 Chief Engineer & Consultant

LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	16-25A POWER PLUG POINT FOR AC UNIT	450MM
	15/16A POWER PLUG POINT	450MM
	5/6A LIGHT PLUG POINT FOR TV	1200MM
	TELEVISION POINT	1200MM
	5/6A LIGHT PLUG POINT	450MM
	5/6A LIGHT PLUG POINT WITH SWITCH BOARD	1050MM
	TELEPHONE OUTLET	450MM
	DATA OUTLET	450MM

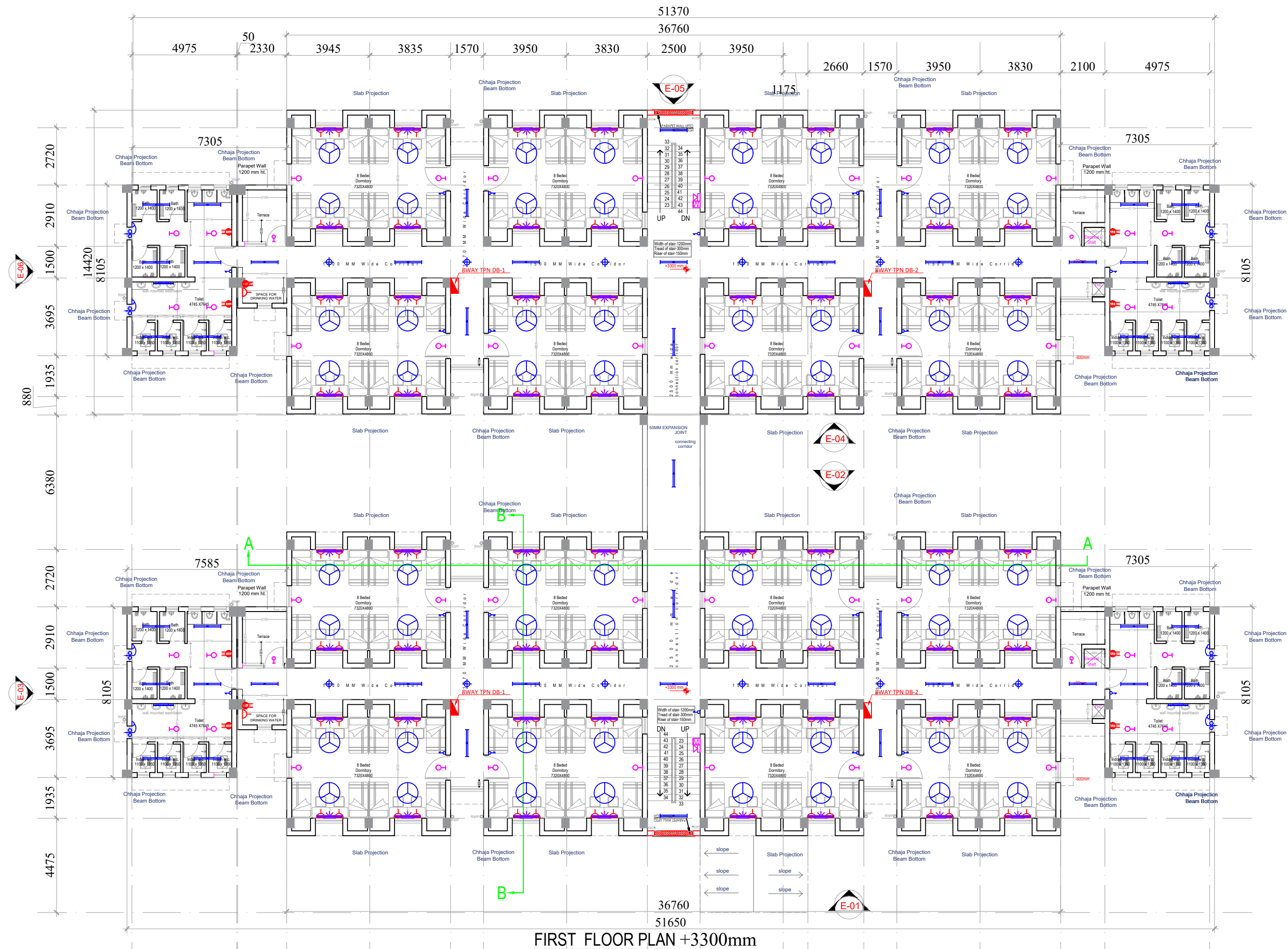
LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	12W LED DOWN LIGHTER	CEILING
	20W LED WALL MOUNTED TUBE LIGHT	2250MM
	40W LED WALL MOUNTED TUBE LIGHT	2250MM
	20W LED CEILING MOUNTED TUBE LIGHT	CEILING
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 300mm	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	BATTEN HOLDER WITH 20W LED BULB	2250MM

CATEGORY : **BOYS HOSTEL**

DRAWING TITLE : **FIRST FLOOR PLAN**

DWG. NO.-
 EMRS NAME/BH/AR_02





Adar
Prashant
A D P Keshri
 Chief Engineer & Consultant

LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	16-25A POWER PLUG POINT FOR AC UNIT	450MM
	15/16A POWER PLUG POINT	450MM
	5/6A LIGHT PLUG POINT FOR TV	1200MM
	TELEVISION POINT	1200MM
	5/6A LIGHT PLUG POINT	450MM
	5/6A LIGHT PLUG POINT WITH SWITCH BOARD	1050MM
	TELEPHONE OUTLET	450MM
	DATA OUTLET	450MM

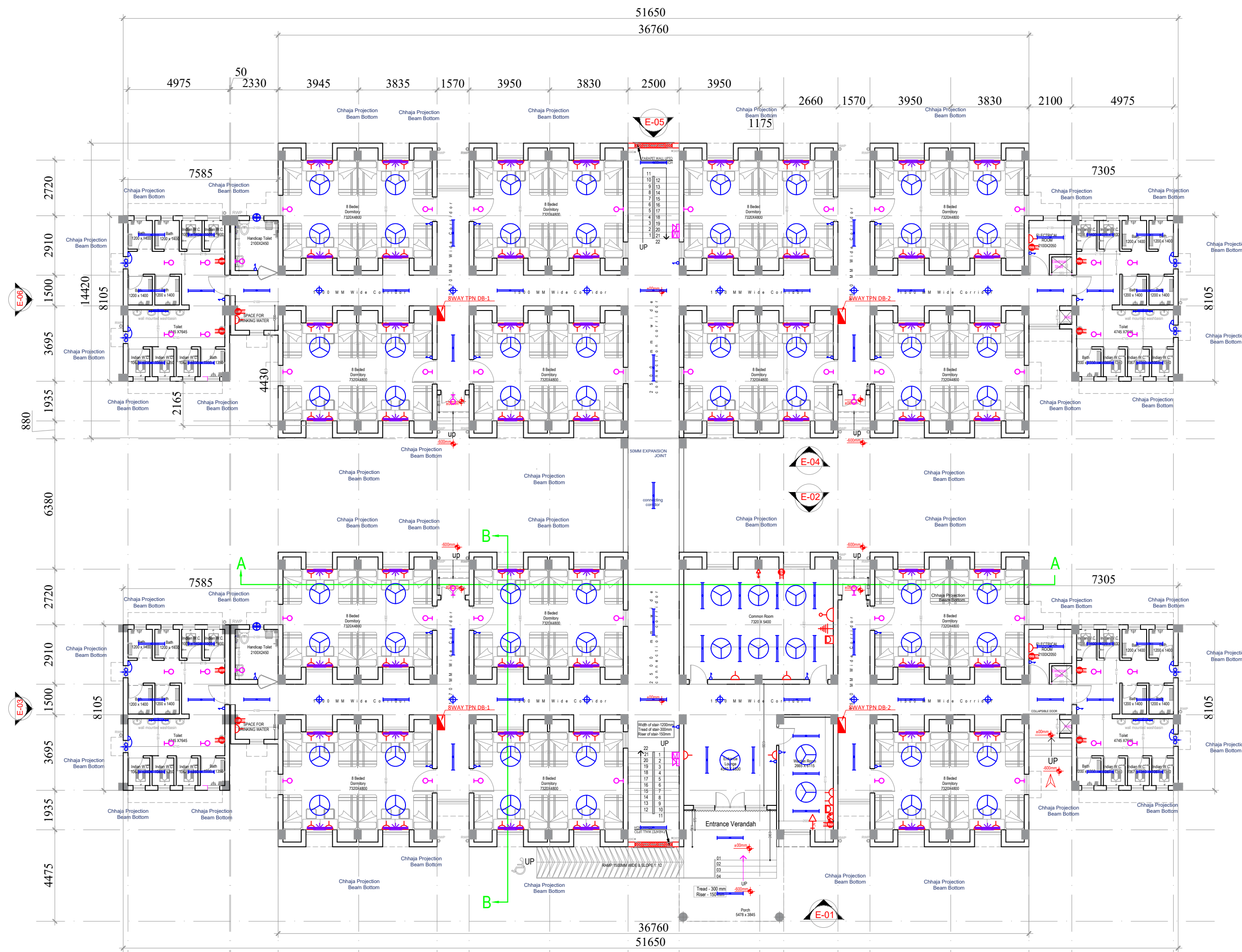
LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	12W LED DOWN LIGHTER	CEILING
	20W LED WALL MOUNTED TUBE LIGHT	2250MM
	40W LED WALL MOUNTED TUBE LIGHT	2250MM
	20W LED CEILING MOUNTED TUBE LIGHT	CEILING
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 300mm	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	BATTEN HOLDER WITH 20W LED BULB	2250MM

CATEGORY : GIRLS HOSTEL

DRAWING TITLE : GROUND FLOOR PLAN

DWG. NO. - EMRS NAME/GH/AR_01



GROUND FLOOR PLAN ±00mm



Adar
Pranav

Resha
A D P Keshri
Chief Engineer & Consultant

LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	16-25A POWER PLUG POINT FOR AC UNIT	450MM
	15/16A POWER PLUG POINT	450MM
	5/6A LIGHT PLUG POINT FOR TV	1200MM
	TELEVISION POINT	1200MM
	5/6A LIGHT PLUG POINT	450MM
	5/6A LIGHT PLUG POINT WITH SWITCH BOARD	1050MM
	TELEPHONE OUTLET	450MM
	DATA OUTLET	450MM

LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	12W LED DOWN LIGHTER	CEILING
	20W LED WALL MOUNTED TUBE LIGHT	2250MM
	40W LED WALL MOUNTED TUBE LIGHT	2250MM
	20W LED CEILING MOUNTED TUBE LIGHT	CEILING
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 300mm	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	BATTEN HOLDER WITH 20W LED BULB	2250MM

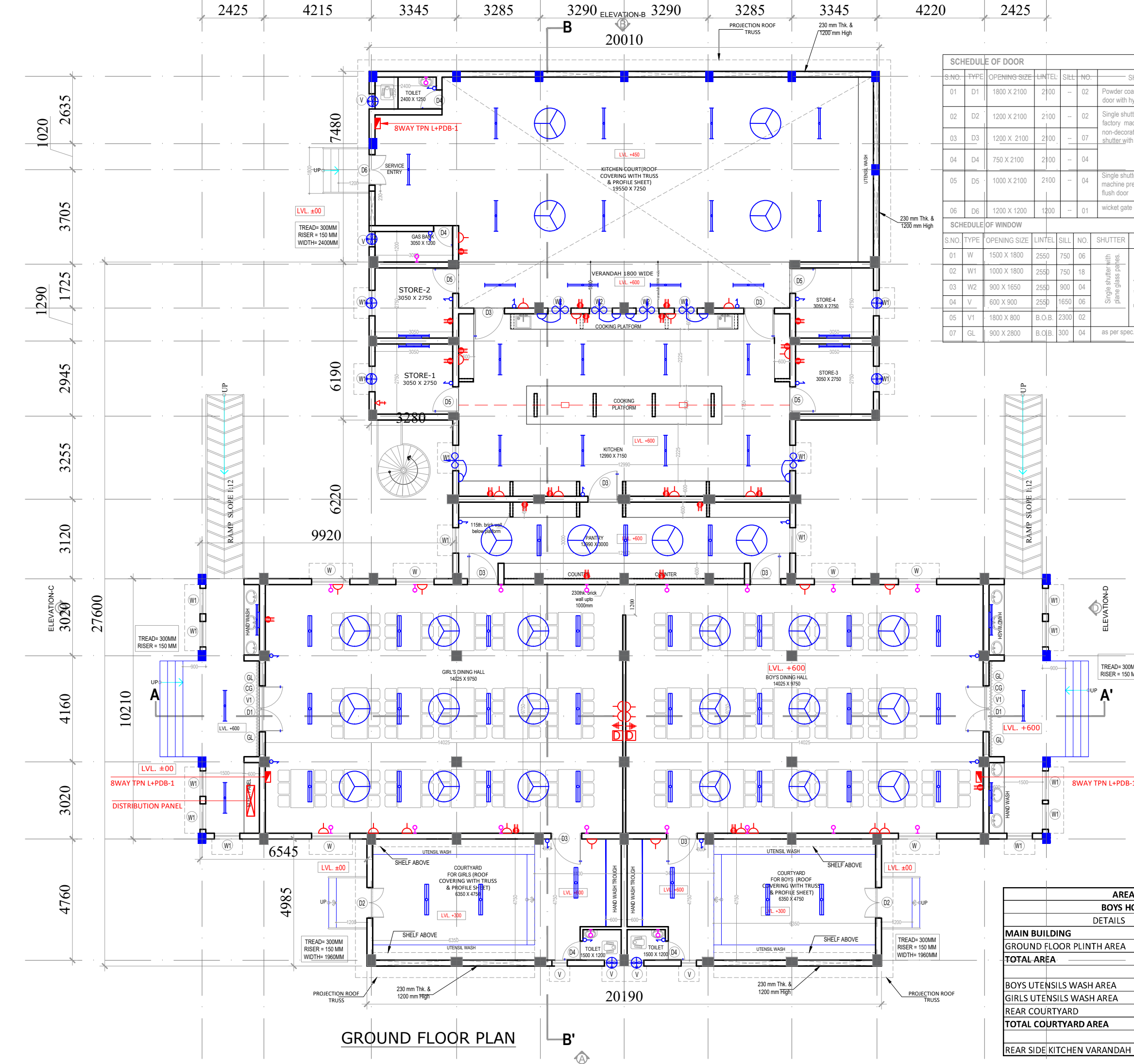
CATEGORY : **GIRLS HOSTEL**

DRAWING TITLE : **FIRST FLOOR PLAN**

DWG. NO.-
 EMRS NAME/GH/AR_02



FIRST FLOOR PLAN +3300mm



SCHEDULE OF DOOR									
S.NO.	TYPE	OPENING SIZE	LINTEL	SILL	NO.	SHUTTER	FRAME	HARDWARE	
01	D1	1800 X 2100	2100	-	02	Powder coated glazed aluminium door with hydraulic door clouser			
02	D2	1200 X 2100	2100	-	02	Single shutter with 35mm thick factory made exterior grade non-decorative type flush door shutter with teakwood lipping	T-iron Frame of 40x40x6 mm with 15x3 mm lugs 10 cm long embedded in cement conc. blocks.	powder coated / anodized aluminium / ss fittings	
03	D3	1200 X 2100	2100	-	07				
04	D4	750 X 2100	2100	-	04	Single shutter factory made machine pressed pre-laminated flush door			
05	D5	1000 X 2100	2100	-	04				
06	D6	1200 X 1200	1200	-	01	wicket gate as per spec.			

SCHEDULE OF WINDOW									
S.NO.	TYPE	OPENING SIZE	LINTEL	SILL	NO.	SHUTTER	FRAME	WINDOW GRILL	HARDWARE
01	W	1500 X 1800	2550	750	06	Single shutter with plane glass panes.	Z section frame with 15x3 mm lugs 10 cm long embedded in cement conc. blocks.	All frames are provided with 12mm square bars at 120 mm c/c	powder coated / anodized aluminium / ss fittings
02	W1	1000 X 1800	2550	750	18				
03	W2	900 X 1650	2550	900	04				
04	W	600 X 900	2550	1650	06				
05	V1	1800 X 800	B.O.B.	2300	02				
07	GL	900 X 2800	B.O.B.	300	04	as per spec.			

PROJECT - EMRS
 CONSTRUCTION OF SCHOOL BUILDING
 FOR EKLAVYA MODEL RESIDENTIAL
 SCHOOL (EMRS)

CLIENT -
 GOVT OF INDIA
 MINISTRY OF TRIBAL AFFAIRS
 NATIONAL EDUCATIONAL
 SOCIETY FOR TRIBAL STUDENTS



A.P.K.
Prashant
A D P Keshri
 Chief Engineer & Consultant

LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	16-25A POWER PLUG POINT FOR AC UNIT	450MM
	15/16A POWER PLUG POINT	450MM
	15/16A POWER PLUG POINT IN KITCHEN	900MM
	15/16A POWER PLUG POINT FOR GEYSER	2250MM
	5/6A LIGHT PLUG POINT FOR TV	1200MM
	TELEVISION POINT	1200MM
	5/6A LIGHT PLUG POINT	450MM
	5/6A LIGHT PLUG POINT FOR RO	1800MM
	DATA OUTLET	450MM
	50 MM X50 MM GI RACE WAY / MS CHANNEL WITH JUNCTION BOX	IN FLOOR

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	20W LED TUBE LIGHT	2250MM
	40W LED CEILING MOUNTED TUBE LIGHT	CEILING
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 200MM	AS/PER WINDOW
	EXHAUST FAN 300MM	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	LV JUNCTION BOX	2250MM
	BATTEN HOLDER WITH 20W LED BULB	2250MM

CATEGORY : KITCHEN & DINING BLOCK

DRAWING TITLE : GROUND FLOOR PLAN

DWG. NO.-
 EMRS NAME/K&D/AR_01

AREA STATEMENT	
BOYS HOSTEL BUILDING	
DETAILS	AREA (in Sqm)
MAIN BUILDING	
GROUND FLOOR PLINTH AREA	558.98
TOTAL AREA	558.98
COURTYARD AREA	
BOYS UTENSILS WASH AREA	32.76
GIRLS UTENSILS WASH AREA	32.76
REAR COURTYARD	149.67
TOTAL COURTYARD AREA	215.19
REAR SIDE KITCHEN VARANDAH	23.38

GROUND FLOOR PLAN



LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	16-25A POWER PLUG POINT FOR AC UNIT	450MM
	15/16A POWER PLUG POINT	450MM
	TELEPHONE OUTLET	450MM
	15/16A POWER PLUG POINT IN KITCHEN	900MM
	DATA	
	15/16A POWER PLUG POINT FOR GEYSER	2250MM
	5/6A LIGHT PLUG POINT FOR TV	1200MM
	TELEVISION POINT	1200MM
	5/6A LIGHT PLUG POINT	450MM
	5/6A LIGHT PLUG POINT FOR RO	1800MM
	BELL	2250MM

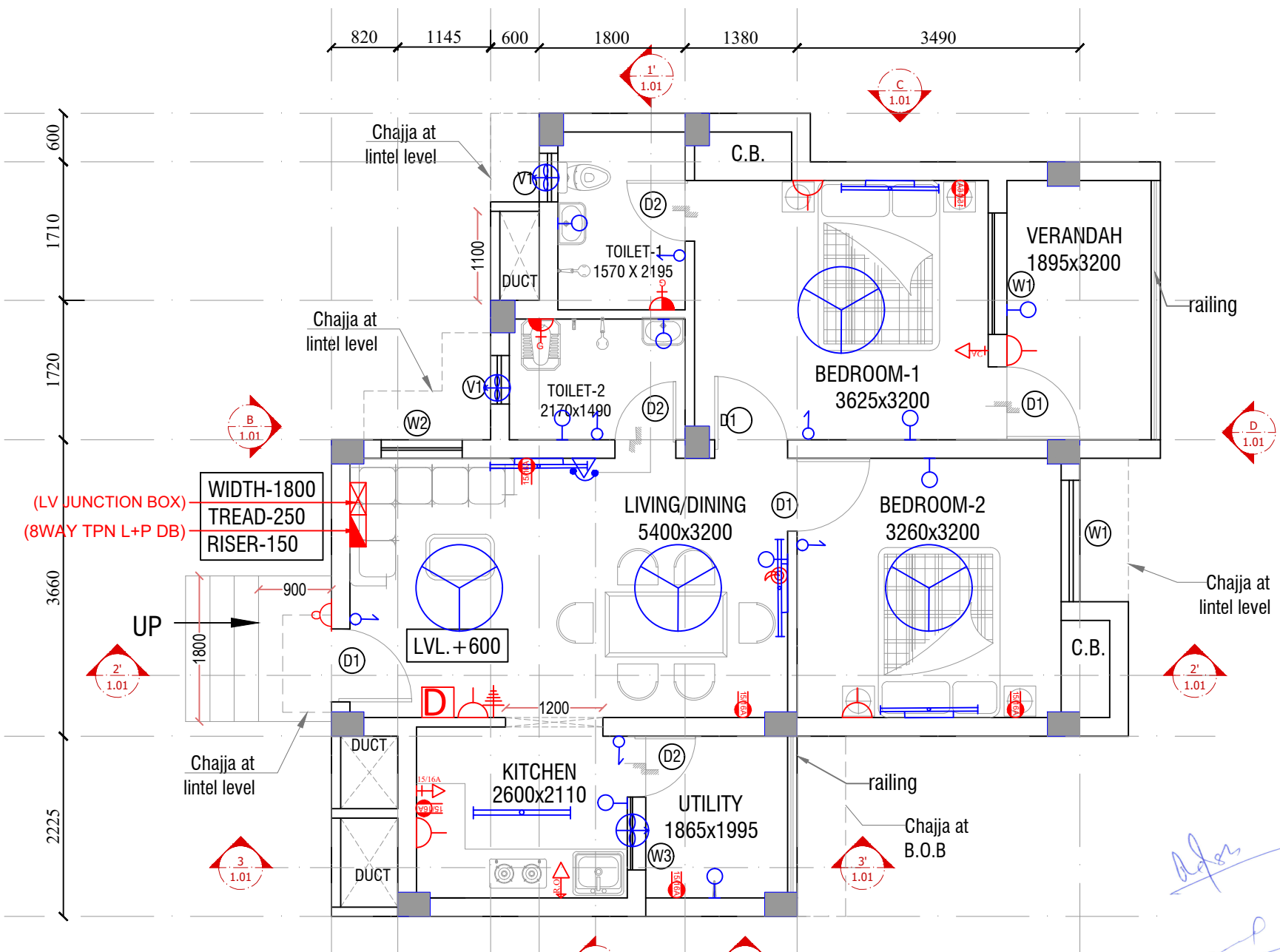
LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	BATTEN HOLDER WITH 20W LED BULB	2250MM
	20W LED WALL MOUNTED TUBE LIGHT	2250MM
	20W LED CEILING MOUNTED TUBE LIGHT	CEILING
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 200mm	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	LV JUNCTION BOX	2250MM

CATEGORY : WARDEN RESIDENCE

DRAWING TITLE : GROUND FLOOR ELECTRICAL DRAWING

DWG. NO. - EMRS NAME/WR_AR_01

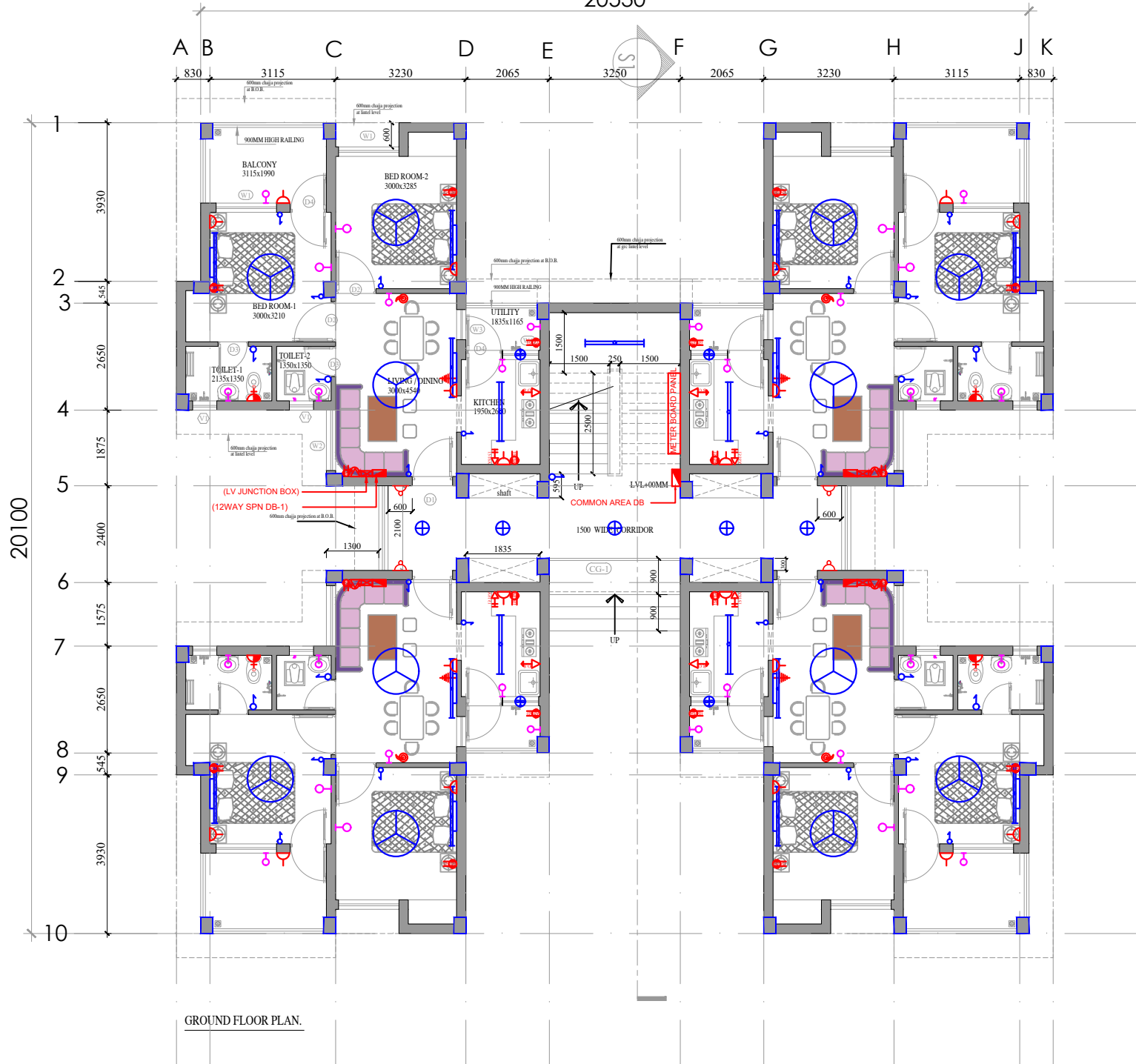


GROUND FLOOR PLAN

Adar
2020

A D P Keshri
A D P Keshri
Chief Engineer & Consultant

20530



GROUND FLOOR PLAN.

PROJECT - EMRS

CONSTRUCTION OF SCHOOL BUILDING FOR EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS)

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GOVT OF INDIA
MINISTRY OF TRIBAL AFFAIRS
NATIONAL EDUCATIONAL SOCIETY FOR TRIBAL STUDENTS

Adar

Arup

A D P Keshri

A D P Keshri
Chief Engineer & Consultant

LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	15/16A POWER PLUG POINT	450MM
	15/16A POWER PLUG POINT IN KITCHEN	900MM
	15/16A POWER PLUG POINT FOR GEYSER	2250MM
	TELEVISION POINT	1200MM
	5/6A LIGHT PLUG POINT	450MM
	5/6A LIGHT PLUG POINT FOR RO	1800MM
	TELEPHONE OUTLET	450MM
	BELL	2250MM

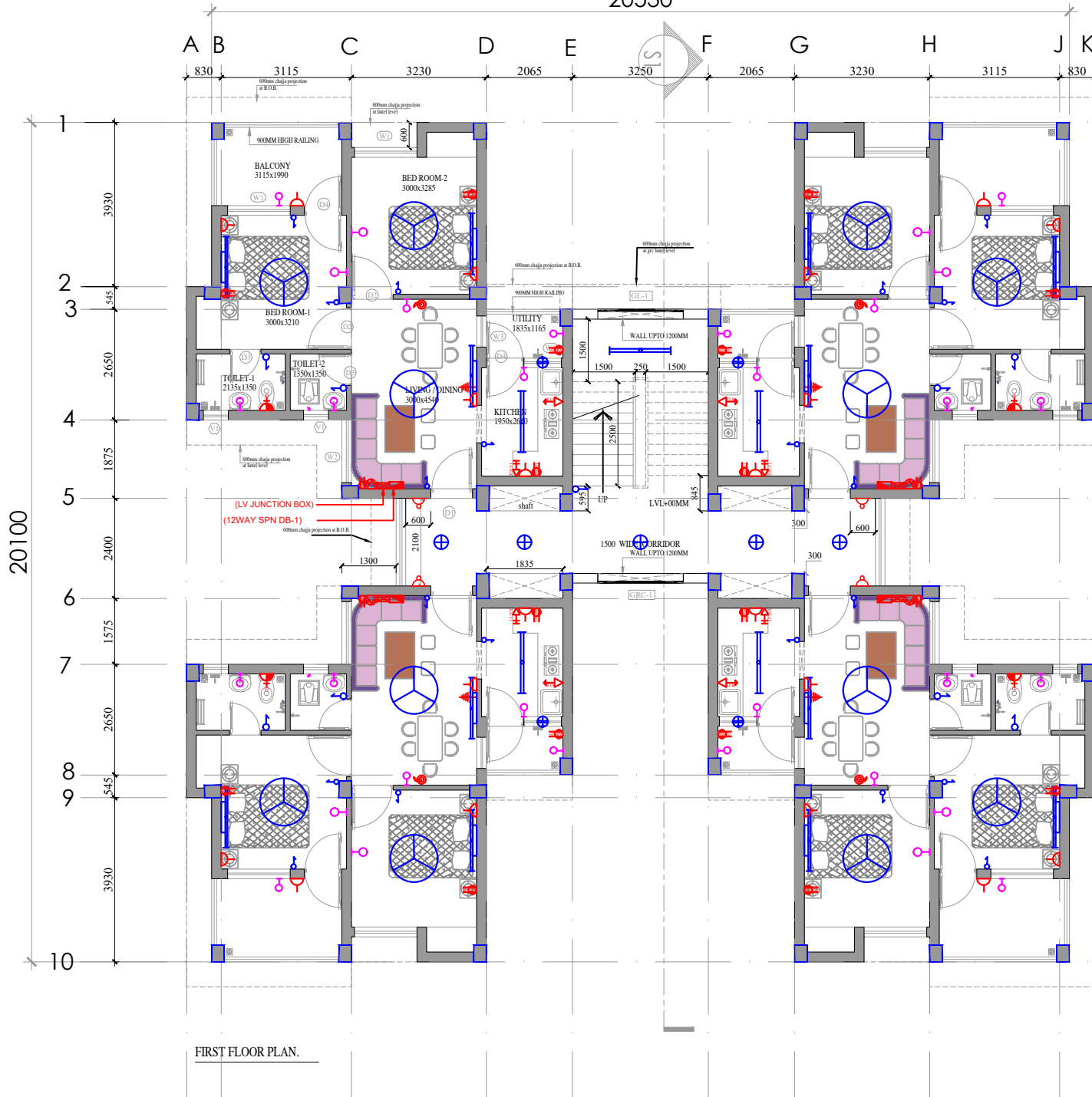
SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	15W LED DOWN LIGHTER	CEILING
	BATTEN HOLDER WITH 20W LED BULB	2250MM
	20W LED WALL MOUNTED TUBE LIGHT	2250MM
	20W LED CEILING MOUNTED TUBE LIGHT	CEILING
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 200MM	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	LV JUNCTION BOX	2250MM

CATEGORY: TYPE II QUARTER

DRAWING TITLE: GROUND FLOOR PLAN

DWG. NO.- EMRS NAME/TYPE-II/AR_01

20530



FIRST FLOOR PLAN.

PROJECT - EMRS

CONSTRUCTION OF SCHOOL BUILDING FOR EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS)

CLIENT -

GOVT OF INDIA
MINISTRY OF TRIBAL AFFAIRS
NATIONAL EDUCATIONAL SOCIETY FOR TRIBAL STUDENTS



Ajmer
Pratap
Pragya

A D P Keshri
Chief Engineer & Consultant

LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	15/16A POWER PLUG POINT	450MM
	15/16A POWER PLUG POINT IN KITCHEN	900MM
	15/16A POWER PLUG POINT FOR GEYSER	2250MM
	TELEVISION POINT	1200MM
	5/6A LIGHT PLUG POINT	450MM
	5/6A LIGHT PLUG POINT FOR RO	1800MM
	TELEPHONE OUTLET	450MM
	BELL	2250MM

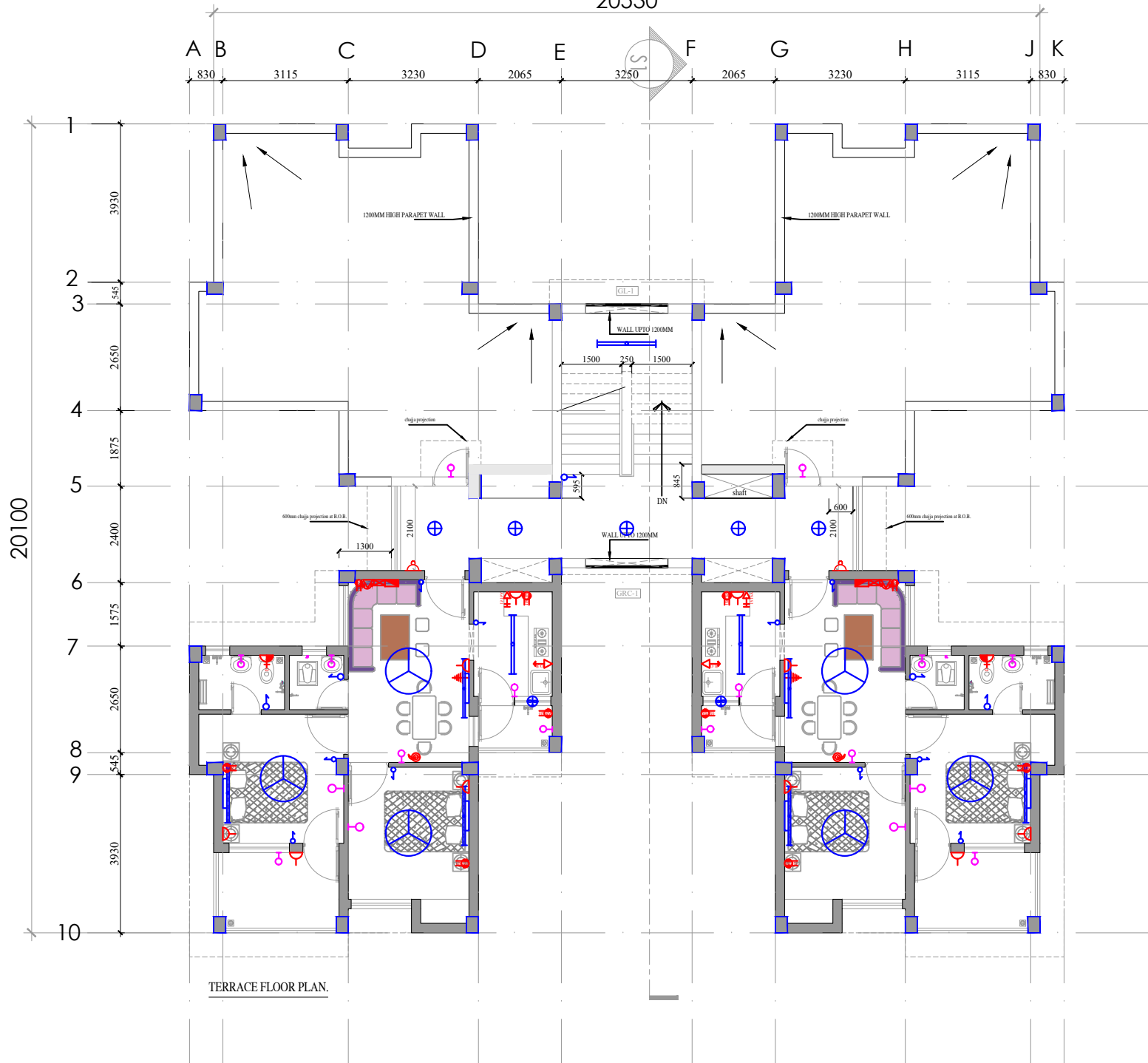
SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	15W LED DOWN LIGHTER	CELLING
	BATTEN HOLDER WITH 20W LED BULB	2250MM
	20W LED WALL MOUNTED TUBE LIGHT	2250MM
	20W LED CEILING MOUNTED TUBE LIGHT	CELLING
	CEILING FAN 1200MM	CELLING
	EXHAUST FAN 200MM	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	LV JUNCTION BOX	2250MM

CATEGORY: TYPE II QUARTER

DRAWING TITLE: TYPICAL FLOOR PLAN

DWG. NO.- EMRS NAME/TYPE-II/AR_02

20530



TERRACE FLOOR PLAN.

PROJECT - EMRS

CONSTRUCTION OF SCHOOL BUILDING FOR EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS)

CLIENT - GOVT OF INDIA
MINISTRY OF TRIBAL AFFAIRS
NATIONAL EDUCATIONAL SOCIETY FOR TRIBAL STUDENTS



Adar
Arup
Reshri

A D P Keshri
Chief Engineer & Consultant

LEGENDS :

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	15/16A POWER PLUG POINT	450MM
	15/16A POWER PLUG POINT IN KITCHEN	900MM
	15/16A POWER PLUG POINT FOR GEYSER	2250MM
	TELEVISION POINT	1200MM
	5/6A LIGHT PLUG POINT	450MM
	5/6A LIGHT PLUG POINT FOR RO	1800MM
	TELEPHONE OUTLET	450MM
	BELL	2250MM

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	15W LED DOWN LIGHTER	CEILING
	BATTEN HOLDER WITH 20W LED BULB	2250MM
	20W LED WALL MOUNTED TUBE LIGHT	2250MM
	20W LED CEILING MOUNTED TUBE LIGHT	CEILING
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 200MM	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	LV JUNCTION BOX	2250MM

TYPE II QUARTER

DRAWING TITLE : SECOND FLOOR PLAN

DWG. NO.- EMRS NAME/TYPE-II/AR_03



Apar
Prasad
Prasad
A D P Keshri
 Chief Engineer & Consultant

LEGENDS :

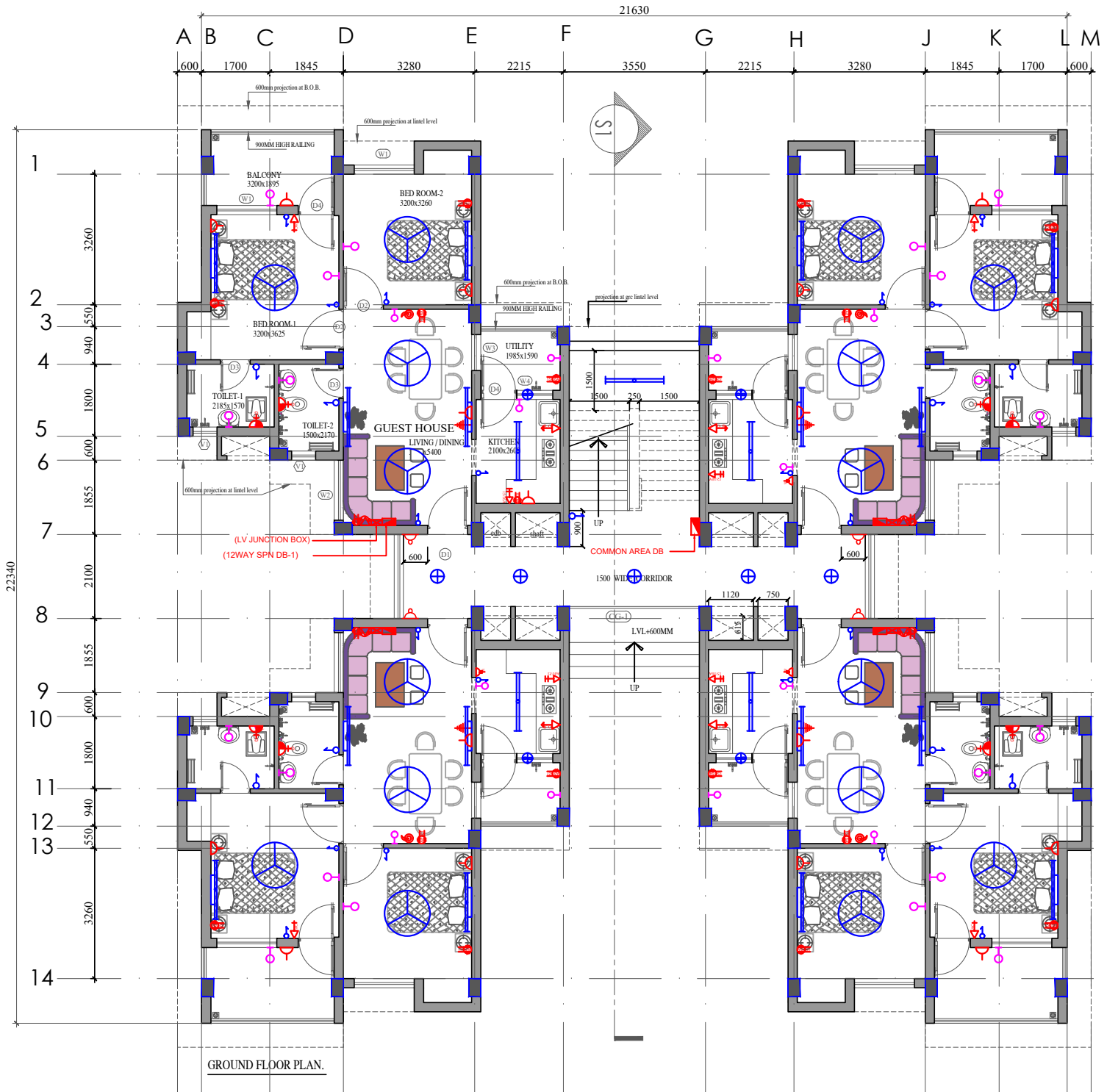
SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	16-25A POWER PLUG POINT FOR AC UNIT	450MM
	15/16A POWER PLUG POINT	450MM
	15/16A POWER PLUG POINT IN KITCHEN	900MM
	15/16A POWER PLUG POINT FOR GEYSER	2250MM
	TELEVISION POINT	1200MM
	5/6A LIGHT PLUG POINT	450MM
	5/6A LIGHT PLUG POINT FOR RO	1800MM
	TELEPHONE OUTLET	450MM
	BELL	2250MM

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	15W LED DOWN LIGHTER	CEILING
	BATTEN HOLDER WITH 20W LED BULB	2250MM
	20W LED WALL MOUNTED TUBE LIGHT	2250MM
	20W LED CEILING MOUNTED TUBE LIGHT	CEILING
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 200MM	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	LV JUNCTION BOX	2250MM

CATEGORY: TYPE III QUARTER

DRAWING TITLE: GROUND FLOOR PLAN

DWG. NO.- EMRS NAME/TYPE-III/AR_01



GROUND FLOOR PLAN.



Adar
Pranav
A D P Keshri
Chief Engineer & Consultant

LEGENDS :

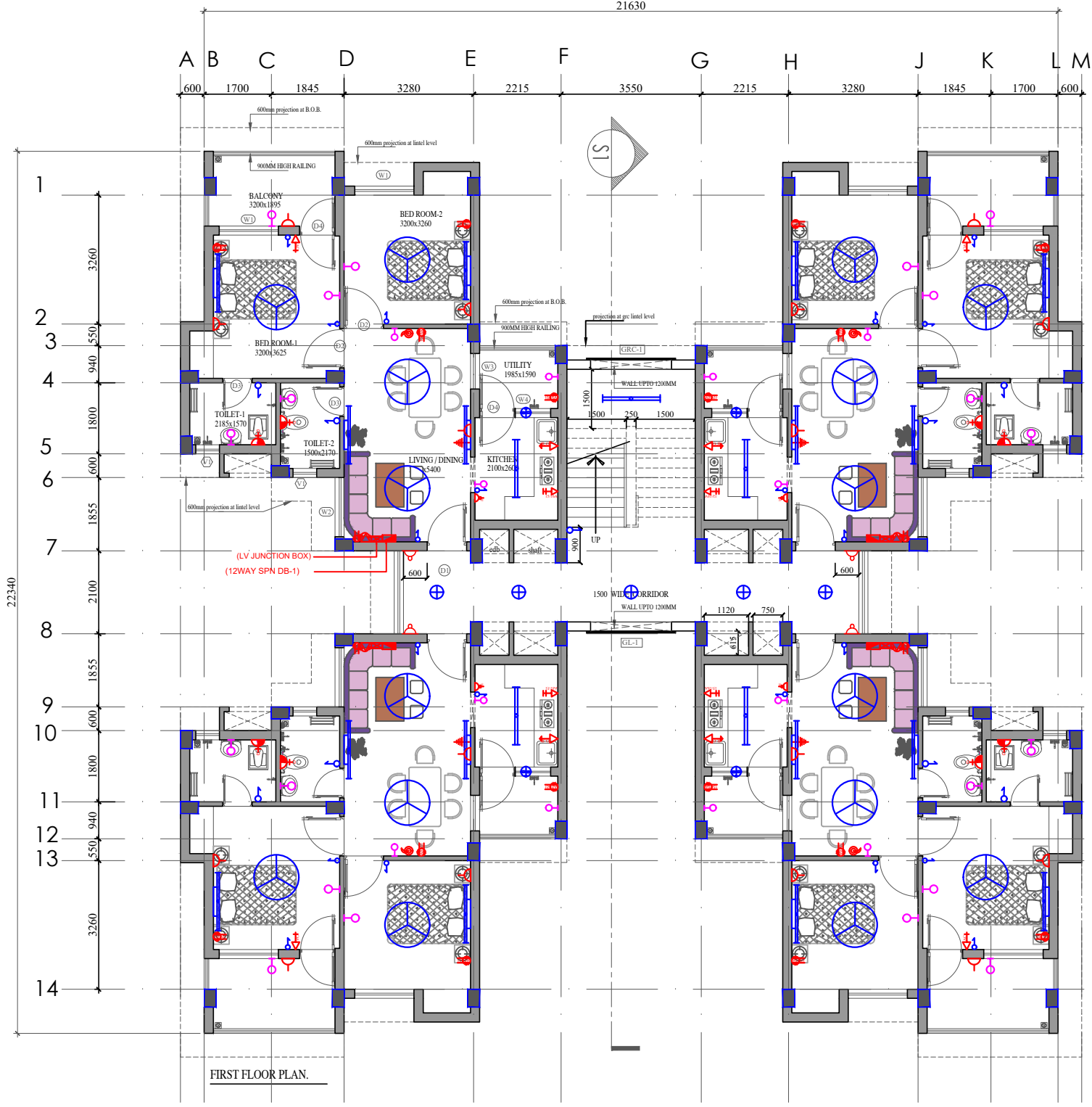
SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	16-25A POWER PLUG POINT FOR AC UNIT	450MM
	15/16A POWER PLUG POINT	450MM
	15/16A POWER PLUG POINT IN KITCHEN	900MM
	15/16A POWER PLUG POINT FOR GEYSER	2250MM
	TELEVISION POINT	1200MM
	5/6A LIGHT PLUG POINT	450MM
	5/6A LIGHT PLUG POINT FOR RO	1800MM
	TELEPHONE OUTLET	450MM
	BELL	2250MM

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	15W LED DOWN LIGHTER	CEILING
	BATTEN HOLDER WITH 20W LED BULB	2250MM
	20W LED WALL MOUNTED TUBE LIGHT	2250MM
	20W LED CEILING MOUNTED TUBE LIGHT	CEILING
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 200MM	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	LV JUNCTION BOX	2250MM

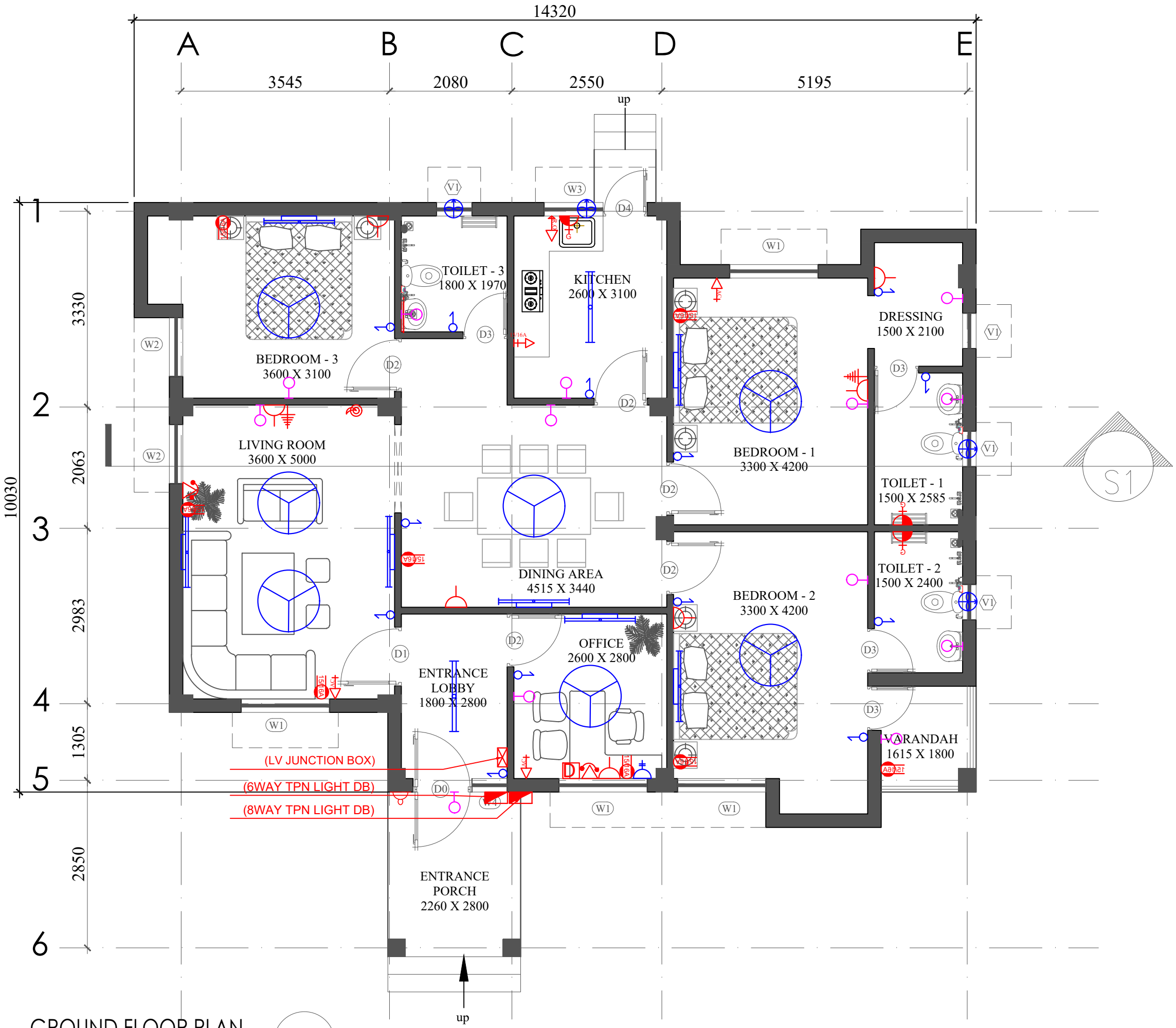
CATEGORY: TYPE III QUARTER

DRAWING TITLE: TYPICAL FLOOR PLAN

DWG. NO.- EMRS NAME/TYPE-III/AR_02



FIRST FLOOR PLAN.



GROUND FLOOR PLAN

PROJECT - EMRS
 CONSTRUCTION OF SCHOOL BUILDING
 FOR EKLAVYA MODEL RESIDENTIAL
 SCHOOL (EMRS)

CLIENT -
 GOVT OF INDIA
 MINISTRY OF TRIBAL AFFAIRS
 NATIONAL EDUCATIONAL
 SOCIETY FOR TRIBAL STUDENTS



A.P.K.
2020
A.P.K.
A D P Keshri
 Chief Engineer & Consultant

LEGENDS :

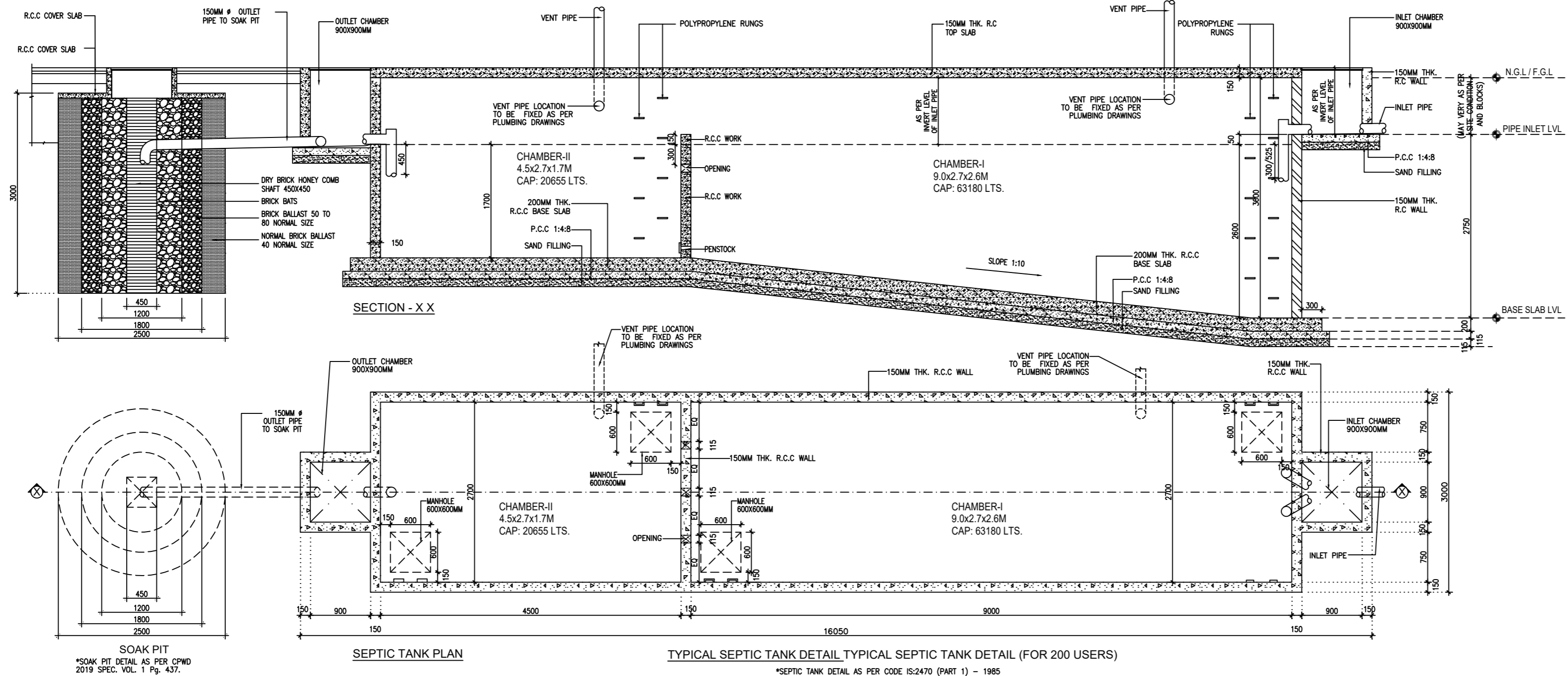
SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	16-25A POWER PLUG POINT FOR AC UNIT	450MM
	15/16A POWER PLUG POINT	450MM
	15/16A POWER PLUG POINT IN KITCHEN	900MM
	15/16A POWER PLUG POINT FOR GEYSER	2250MM
	TELEVISION POINT	1200MM
	5/6A LIGHT PLUG POINT	450MM
	5/6A LIGHT PLUG POINT FOR RO	1800MM
	TELEPHONE OUTLET	450MM
	DATA OUTLET	450MM
	BELL	2250MM

SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	BATTEN HOLDER WITH 20W LED BULB	2250MM
	20W LED WALL MOUNTED TUBE LIGHT	2250MM
	20W LED CEILING MOUNTED TUBE LIGHT	CEILING
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 200MM	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	LV JUNCTION BOX)	2250MM
	2x6A UPS PLUG POINT	450MM

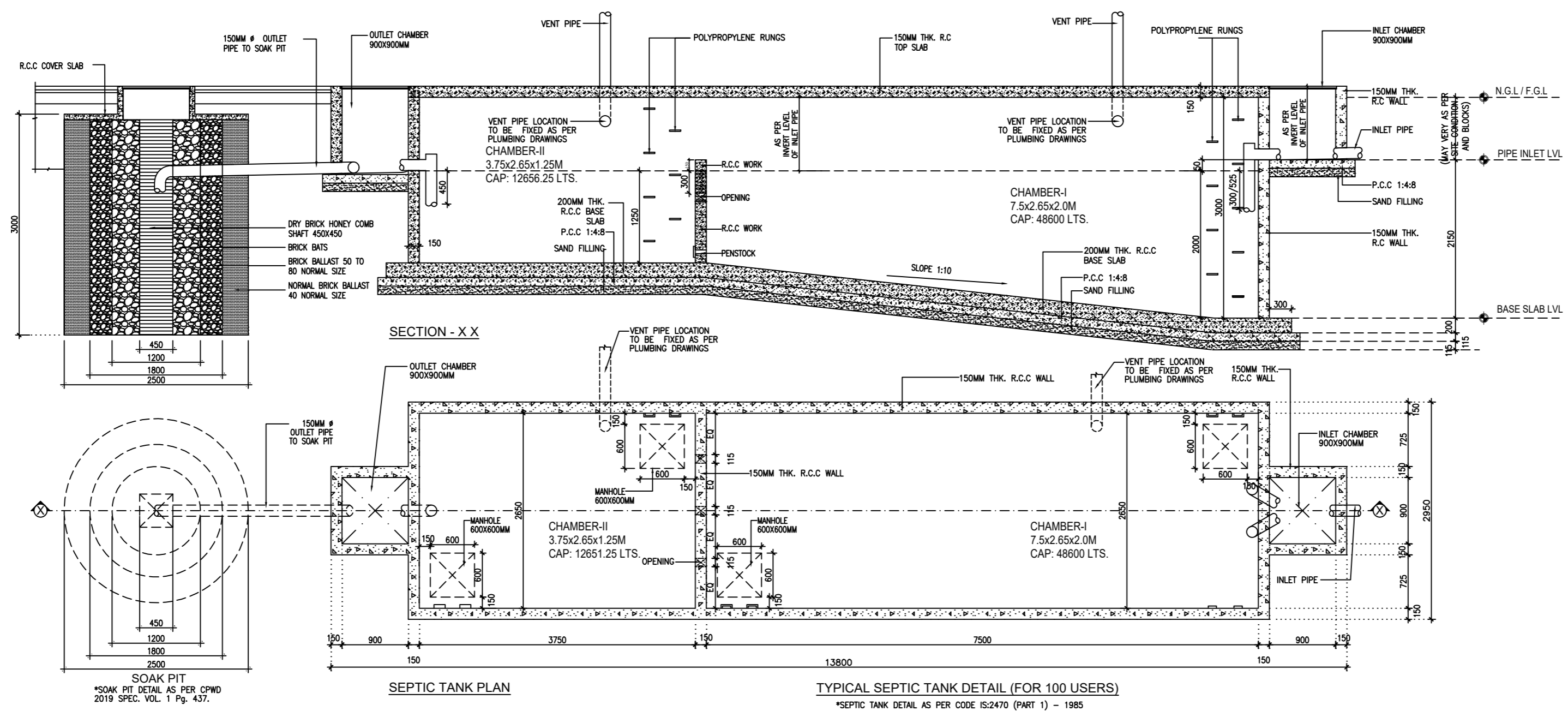
CATEGORY : PRINCIPAL QUARTER

DRAWING TITLE : GROUND FLOOR PLAN

DWG. NO.-
 EMRS NAME/PQ/AR_01



- NOTE-
1. TOP SLAB OF SEPTIC TANK SHOULD BE 150 / 300 MM ABOVE THE FORMATION LEVEL.
 2. INLET LEVEL IS AS PER THE SLOPE OF THE INLET PIPE.



pleAparwal
(N.KUMAR)
Leany (PK Garg)
Resh
A D P Keshri
 Chief Engineer & Consultant

CONSTRUCTION OF SCHOOL BUILDING FOR EKLAVYA MODEL RESIDENTIAL SCHOOL (EMRS)

CLIENT -

**GOVT OF INDIA
MINISTRY OF TRIBAL AFFAIRS
NATIONAL EDUCATIONAL SOCIETY FOR TRIBAL STUDENTS**

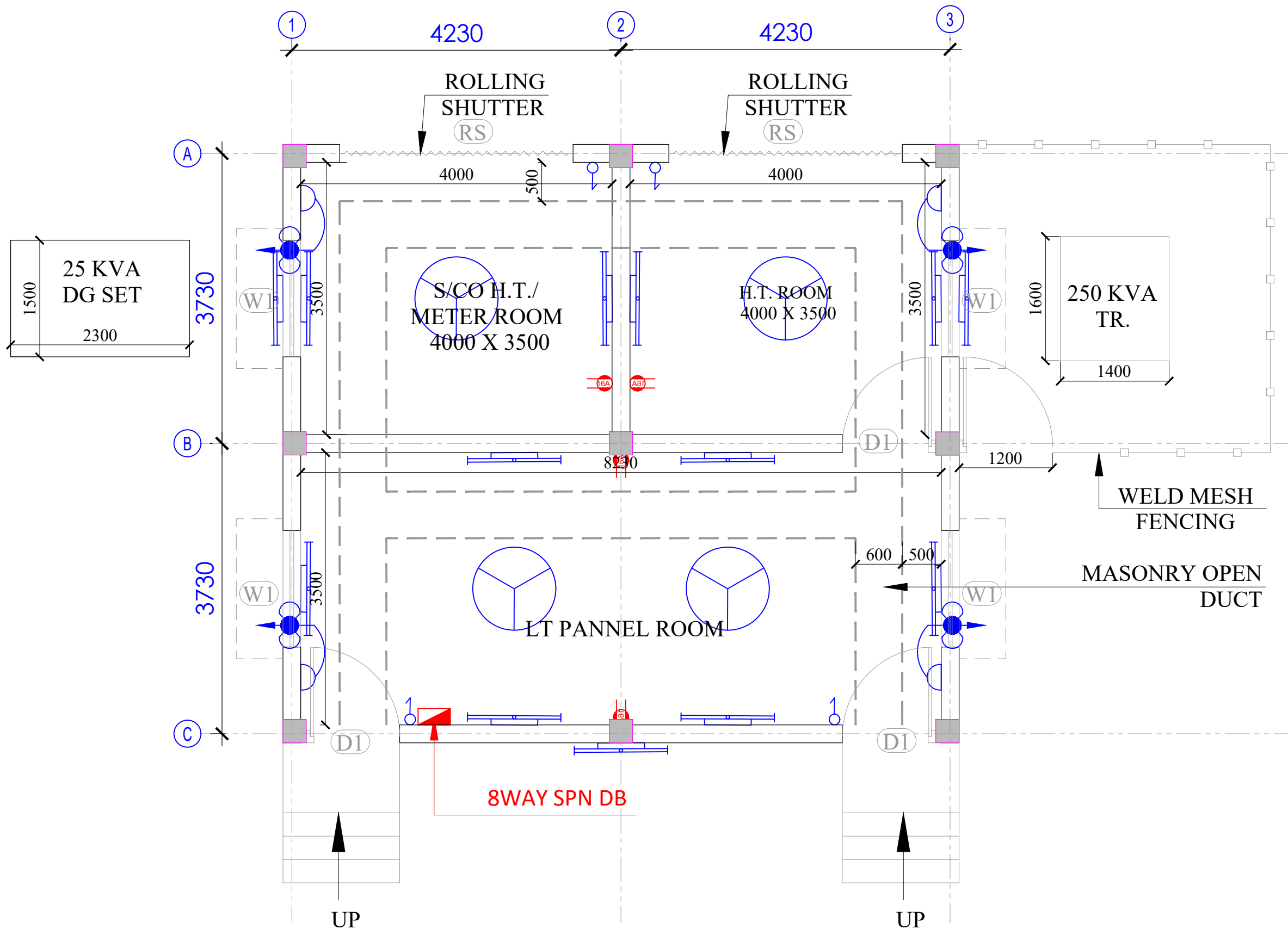


Adar

Deep

Resh

**A D P Keshri
Chief Engineer & Consultant**



**GROUND LVL. PLAN
ELECTRICAL SUB STATION**

LEGENDS :

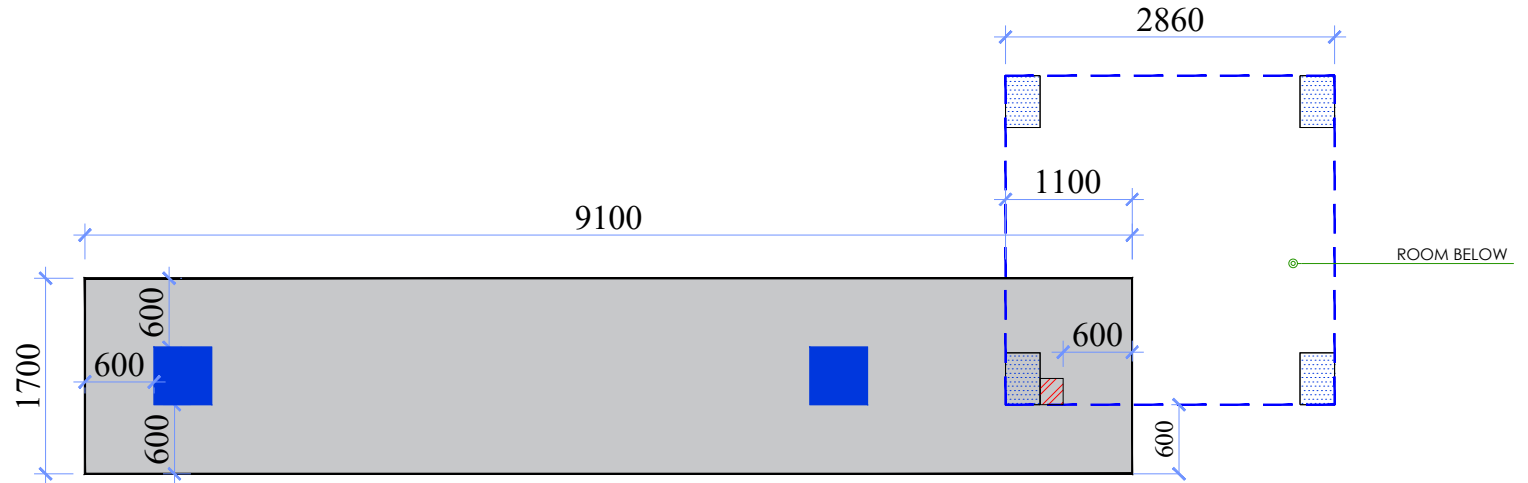
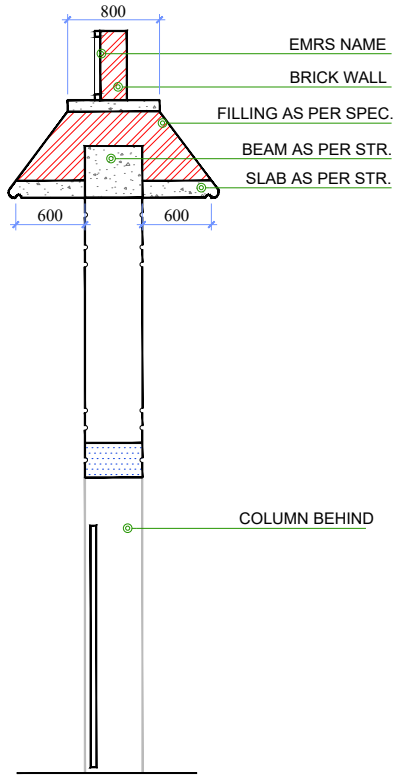
SYMBOL	DESCRIPTION	HEIGHT IN FLOOR FINISH LVL.
	SWITCH BOARD	1050MM
	20W LED TUBE LIGHT FITTING	2250MM
	CEILING FAN 1200MM	CEILING
	EXHAUST FAN 450mm	AS/PER WINDOW
	DISTRIBUTION BOARD	1500MM
	15/16A POWER PLUG POINT	450MM

GROUND FLOOR BUILT-UP AREA- 66.82 SQMT

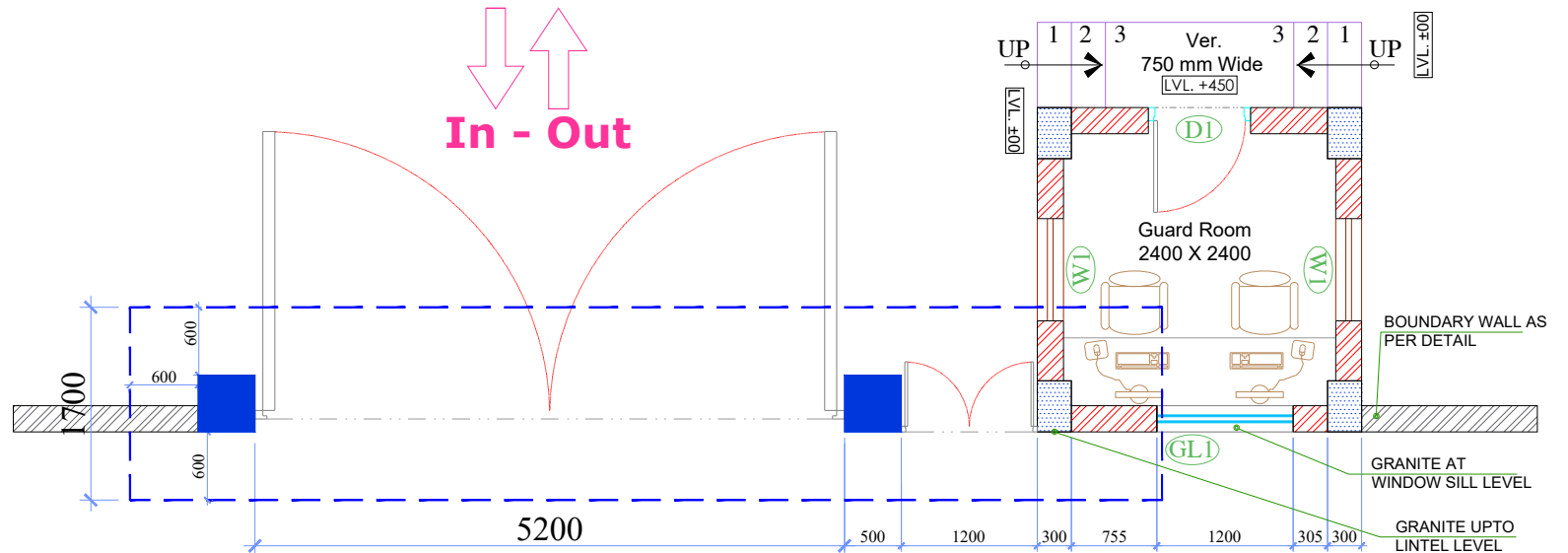
CATEGORY : SUB STATION

DRAWING TITLE : PLAN, ELEVATION, SECTION

DWG. NO.-
EMRS NAME/SUB/AR_01



PLAN AT 5000MM LEVEL



Plan At ±00 LVL.

plAgnawal

(N. KUMAR)

Leonty (PK. Ganga)

A D P Keshri

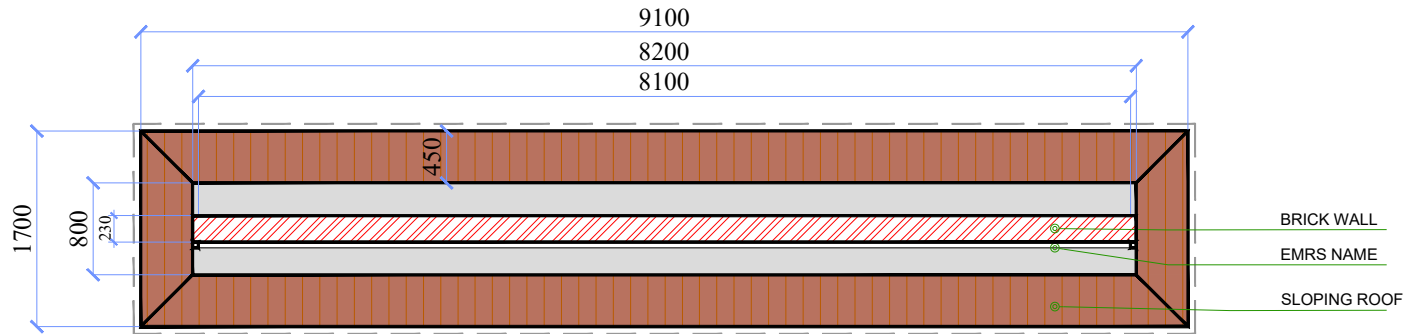
Chief Engineer & Consultant

DWG. NO.-
EMRS NAME/MISC/EG/AR_01

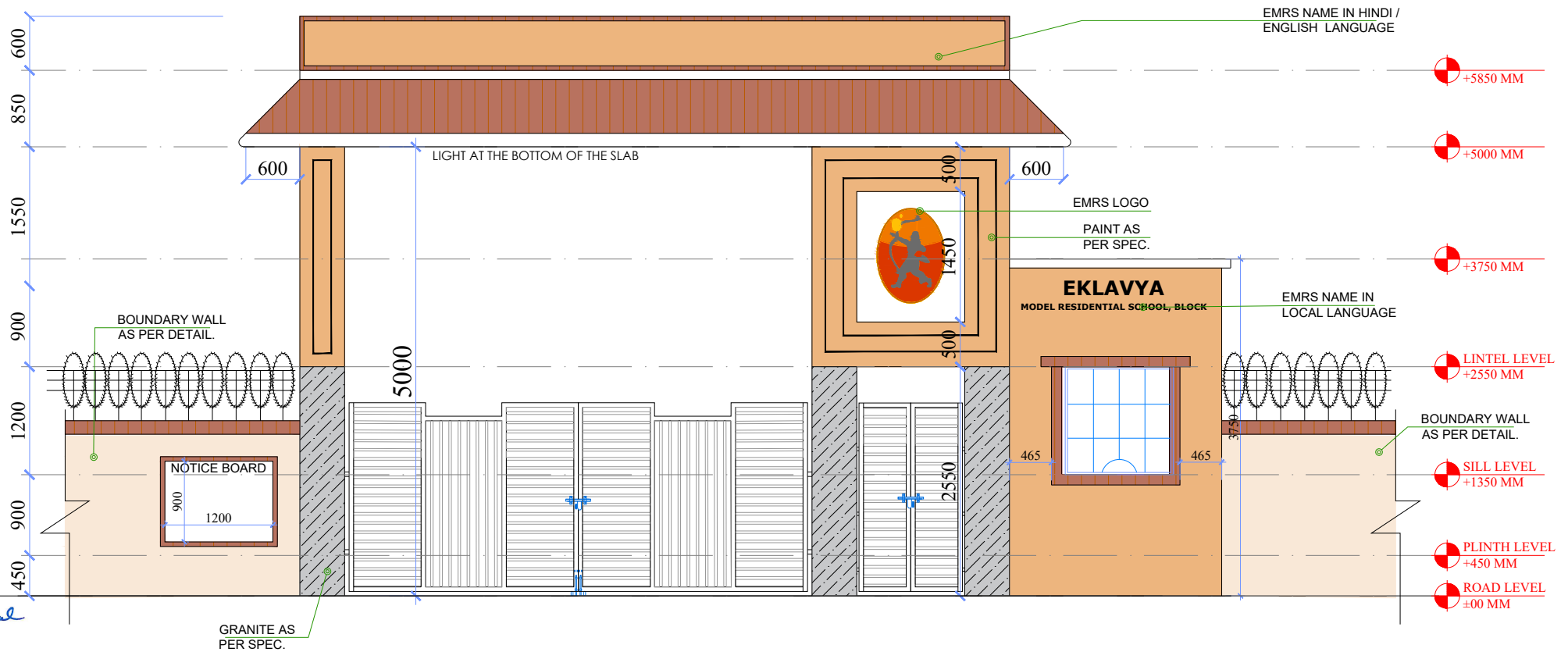
SCALE:

MINISTRY OF TRIBAL AFFAIRS
NATIONAL EDUCATION SOCIETY FOR TRIBAL STUDENTS (NESTS)

ENTRANCE GATE
FLOOR PLAN, SECTION



PLAN AT 6400MM LEVEL



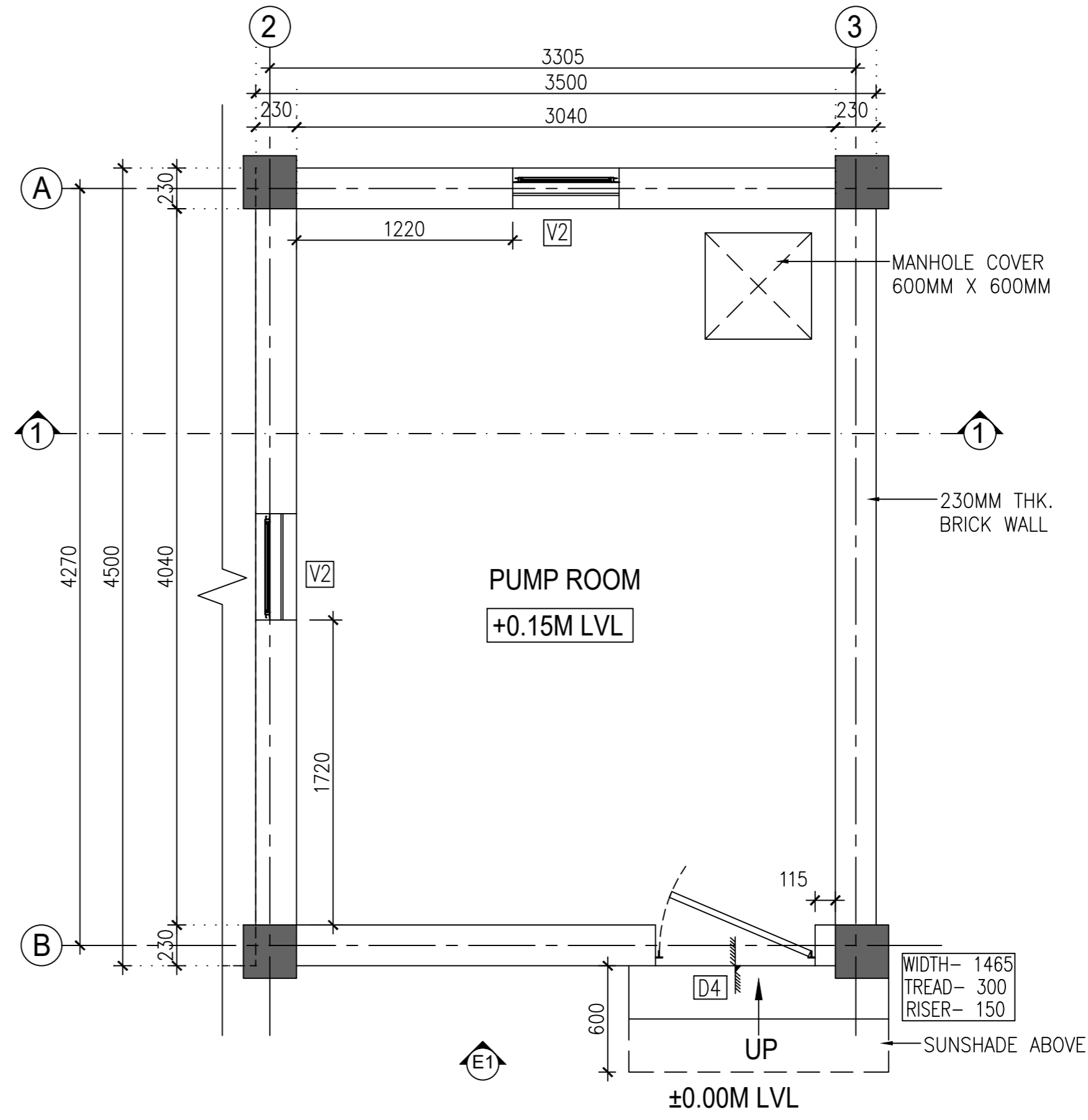
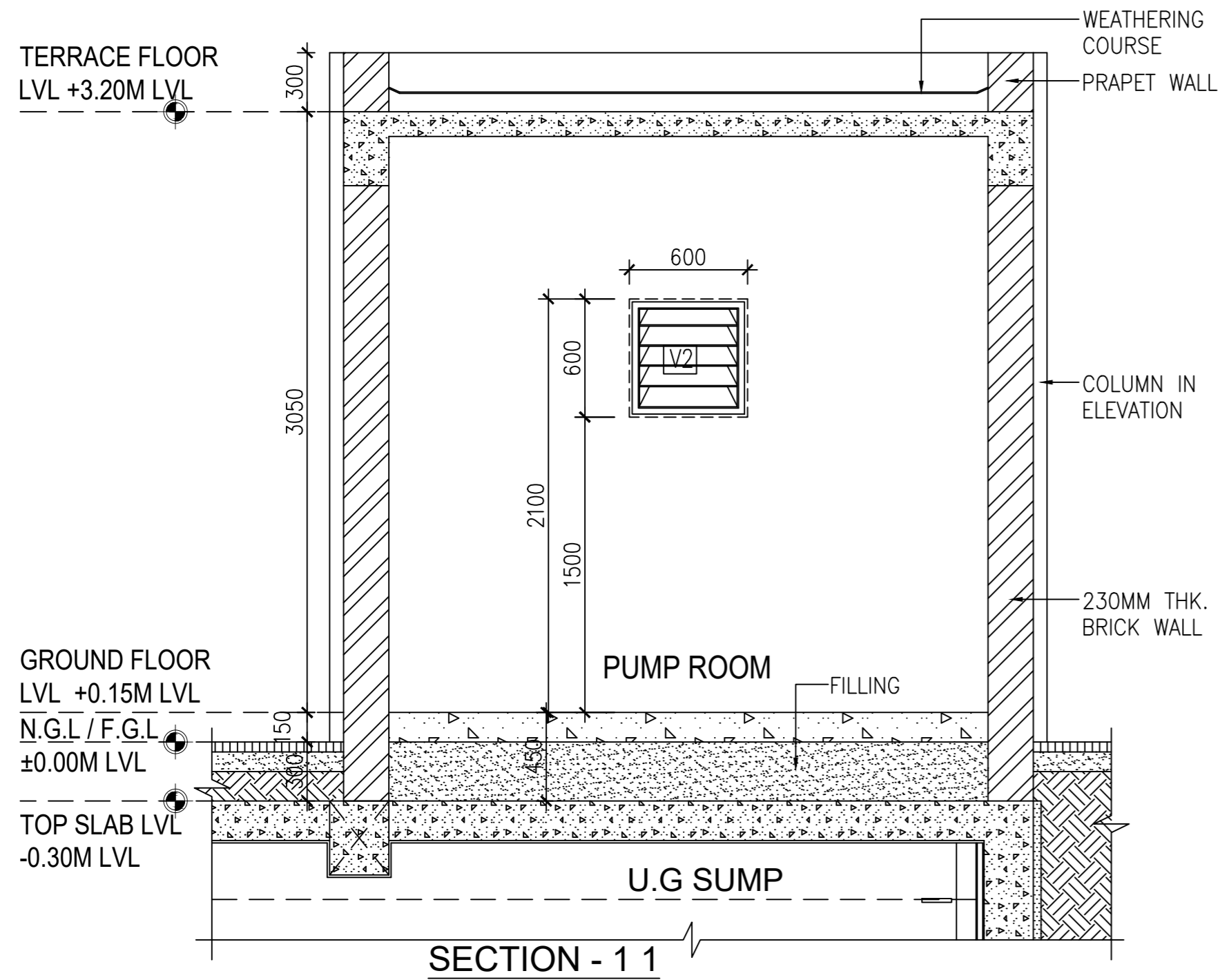
plekpanval
(N.K. KUMAR)
Leony (Dr. Geog)
ADP Keshri
A D P Keshri
Chief Engineer & Consultant

DWG. NO.-
EMRS NAME/MISC/EG/AR_02

SCALE:

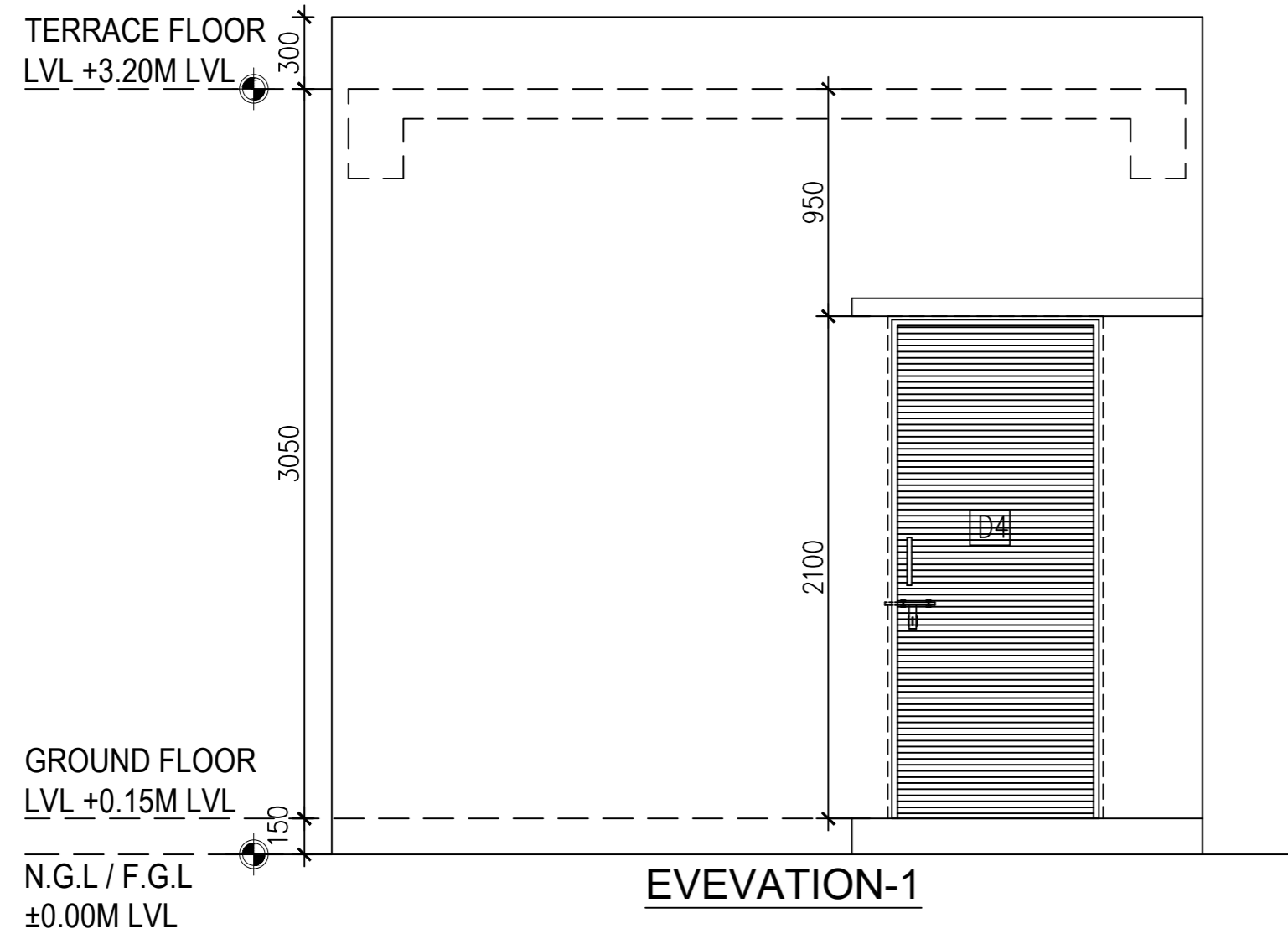
MINISTRY OF TRIBAL AFFAIRS
NATIONAL EDUCATION SOCIETY FOR TRIBAL STUDENTS (NESTS)

ENTRANCE GATE
ELEVATION, TERRACE PLAN



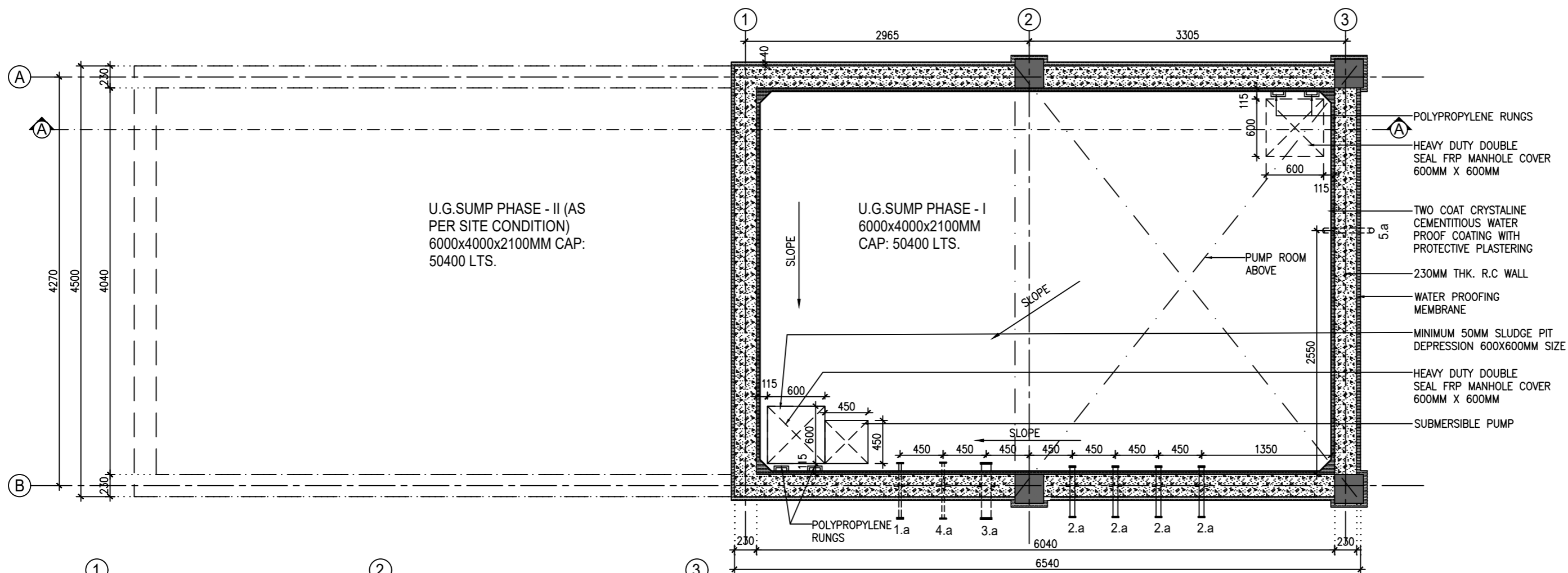
PUMP ROOM PLAN

PUMP ROOM						
S.NO	TYPE	DESCRIPTION	SIZE	SILL LEVEL	GROUND FLOOR	FRAME SIZE
01	D4	DOOR 4	900X2100	-	01	T-IRON FRAME 40X40X6MM
02	V2	VENTILATOR 2	600X600	1500	02	STEEL GLAZED WINDOW Z - SECTION
GRAND TOTAL					03	



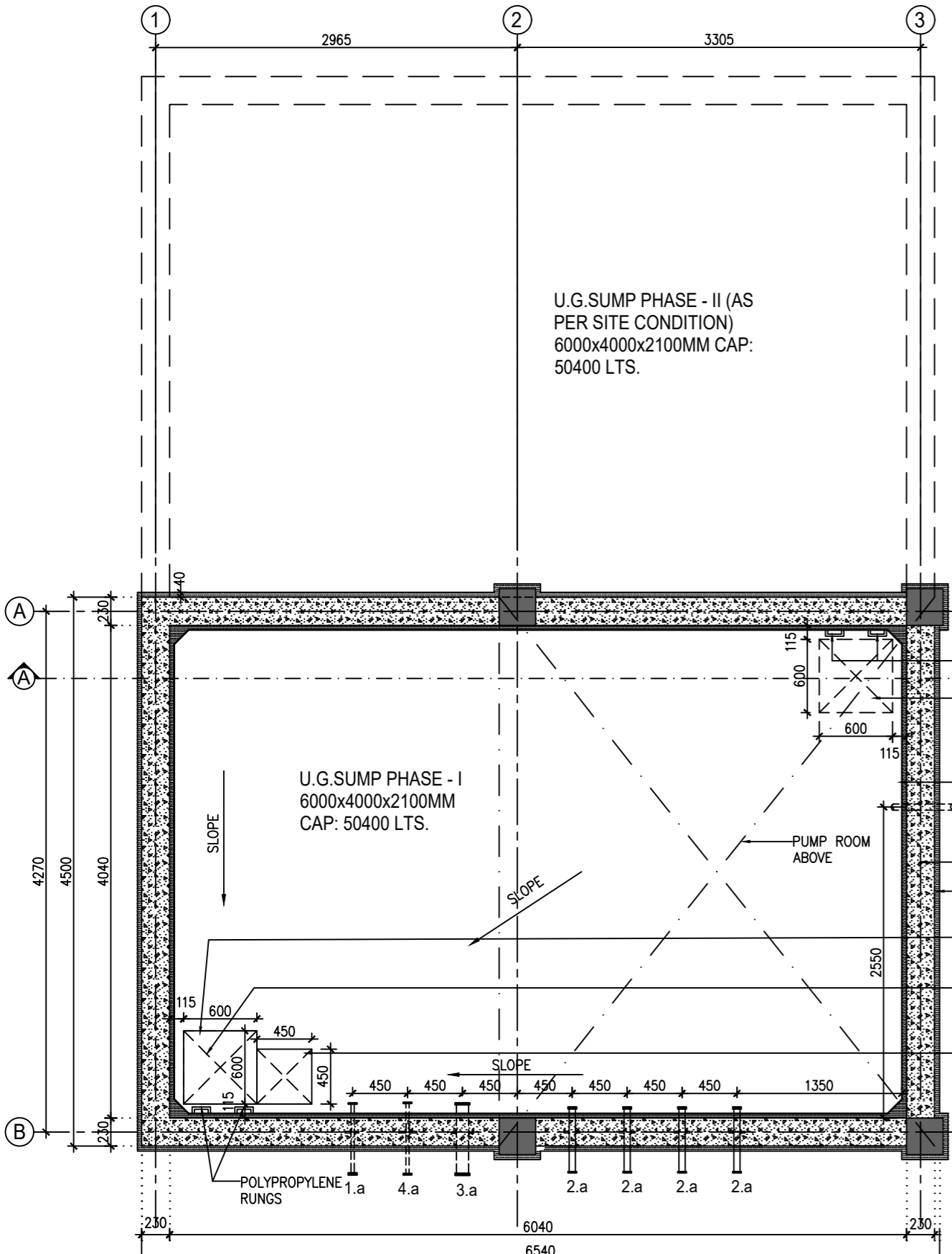
EVEVATION-1

pk Agrawal
(N.KUMAR)
Leony (PK Agrawal)
ADP Keshri
A D P Keshri
Chief Engineer & Consultant

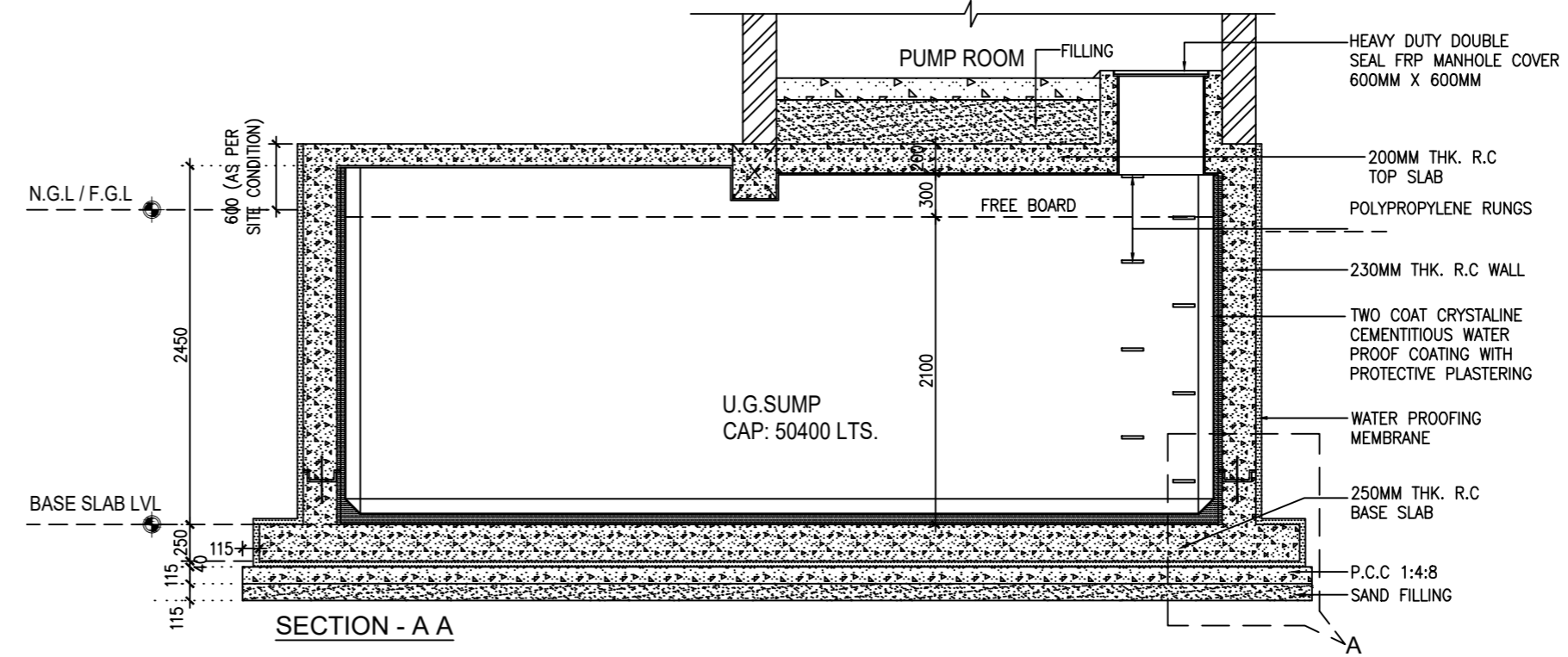


**U.G. SUMP PLAN
OPTION - 2**

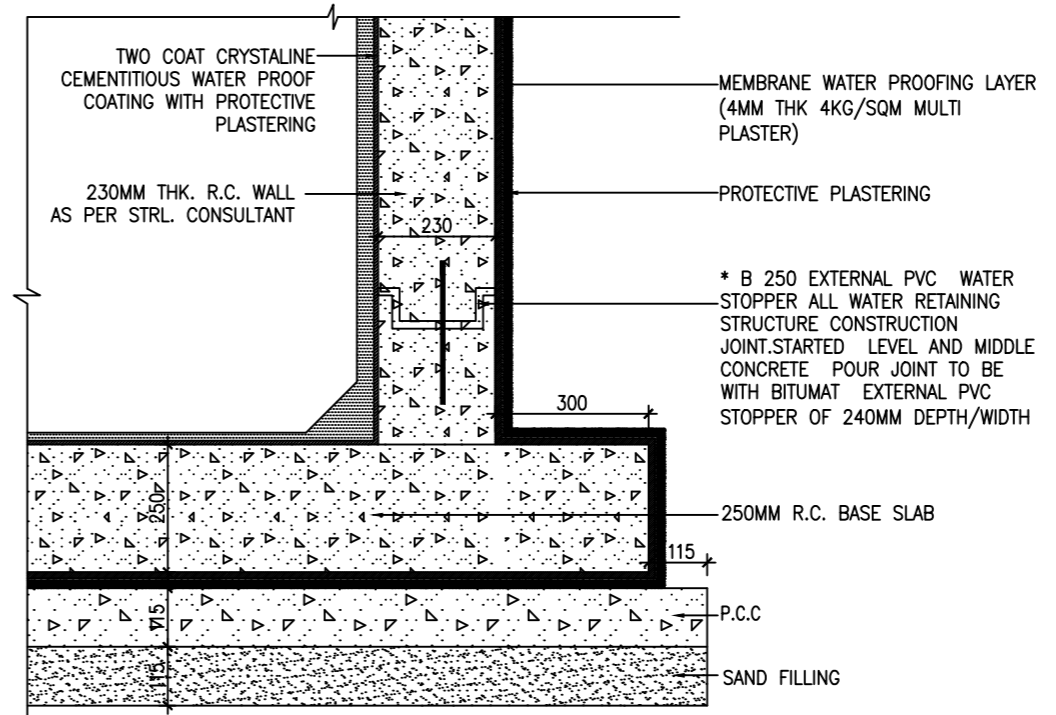
DETAIL OF PUDDLE FLANGE(P.F)		BORE WATER 50,400LTRS. CAPACITY			
(REFERENCE FROM RCC COVER SLAB BOTTOM)					
S. NO	SYMBOL	DESCRIPTION	PF DIA.	CENTER OF PF LEVEL	MAKE
1	1.0	ELECTRICAL POWER SUPPLY (TO BE FIXED HORIZONTALLY)	25MM	-150MM	G.I. PIPE TATA-B CLASS
2	2.0	OUTLET PIPE FOR BORE WATER TO OVER HEAD TANK (TO BE FIXED HORIZONTALLY) (4NOS)	50MM	-150MM	G.I. PIPE TATA-B CLASS
3	3.0	INLET PIPE FOR TRUCK WATER TO SUMP (TO BE FIXED HORIZONTALLY)	100MM	-150MM	G.I. PIPE TATA-B CLASS
4	4.0	INLET PIPE FOR BORE WATER (TO BE FIXED HORIZONTALLY)	50MM	AS @ SITE	G.I. PIPE TATA-B CLASS
5	5.0	VENT PIPE (TO BE FIXED VERTICALLY)	50MM	TOP SLAB	G.I. PIPE TATA-B CLASS



**U.G. SUMP PLAN
OPTION - 1**



SECTION - A A



DETAIL - A

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(N.KUMAR)
Leany (PK Ganga)
Reshri
A D P Keshri
Chief Engineer & Consultant

CATEGORY : SUMP

DRAWING TITLE : FLOOR PLAN, SECTION

DWG. NO.- EMRS NAME/MISC/SUMP/AR_01