

# OAB REDEVELOPMENT, NLSIU, BENGALURU-TENDER STAGE DRAWINGS (NOT FOR CONSTRUCTION)

LIST OF DRAWINGS:

• MEP DRAWINGS:

Electrical Drawings - LIGHTING LAYOUT:

- |    |                 |  |
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| 2. | TD-E-LTG-202    | Ground Floor Lighting Layout               |
| 3. | TD-E-LTG-203    | First Floor Lighting Layout                |
| 4. | TD-E-LTG-204    | Second Floor Lighting Layout               |
| 5. | TD-E-LTG-205    | Third, Fourth, Fifth Floor Lighting Layout |
| 6. | TD-E-LTG-DB-201 | DB Details                                 |

Electrical Drawings - POWER LAYOUT:

- |     |                 |   |
|-----|-----------------|---|
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| 8.  | TD-E-PWR-202    | Ground Floor Power Layout               |
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| 13. | TD-E-PWR-DB-202 | DB Details                              |

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- |     |              |   |
|-----|--------------|---|
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- |     |              |  |
|-----|--------------|--|
| 18. | TD-E-CRW-201 | Lower Ground Floor Ceiling Raceway Layout        |
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Electrical Drawings - SOLAR LAYOUT :

- |     |              |                              |
|-----|--------------|------------------------------|
| 23. | TD-E-SLR-201 | Terrace Floor - Solar Layout |
|-----|--------------|------------------------------|

Electrical Drawings - CCTV :

- |     |               |  |
|-----|---------------|--|
| 24. | TD-E-CCTV-201 | Lower Ground Floor CCTV Layout           |
| 25. | TD-E-CCTV-202 | Ground Floor CCTV Layout                 |
| 26. | TD-E-CCTV-203 | First Floor CCTV Layout                  |
| 27. | TD-E-CCTV-204 | Second Floor CCTV Layout                 |
| 28. | TD-E-CCTV-205 | Third Floor CCTV Layout                  |
| 29. | TD-E-CCTV-206 | Fourth, Fifth, Terrace Floor CCTV Layout |

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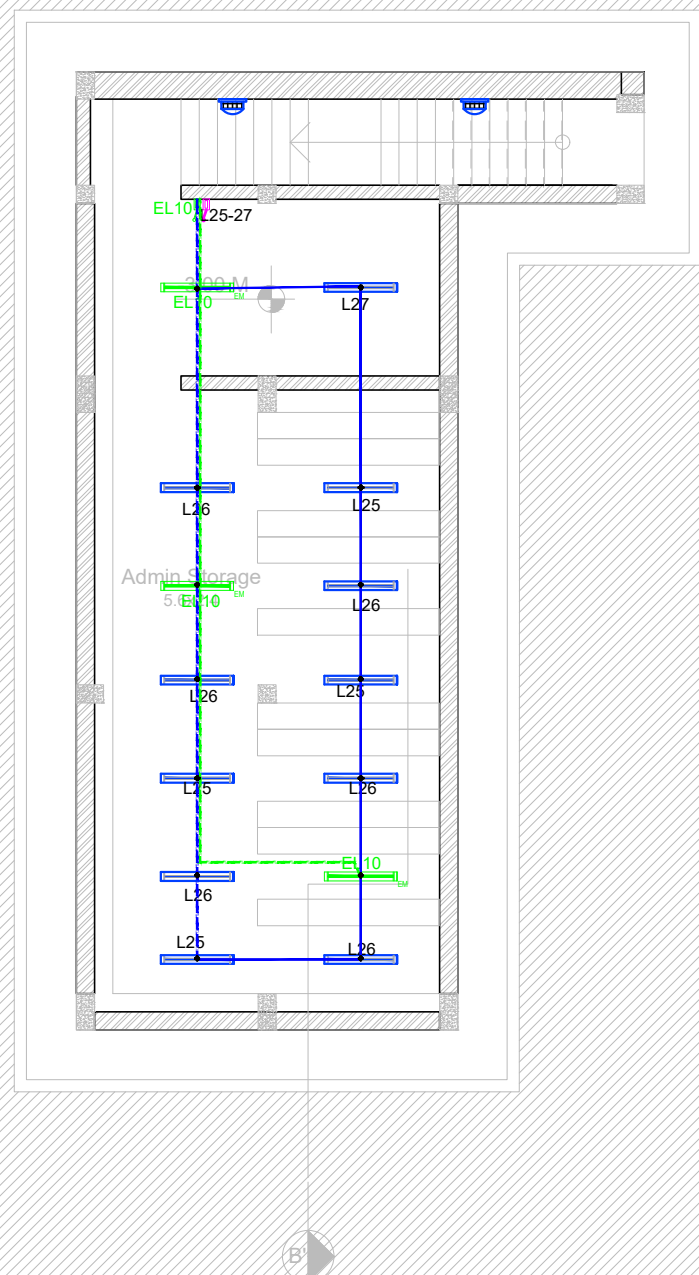























# **ELECTRICAL TENDER DRAWINGS - LIGHTING LAYOUT**

**OAB REDEVELOPMENT, NLSIU, BENGALURU**

Dec 2024



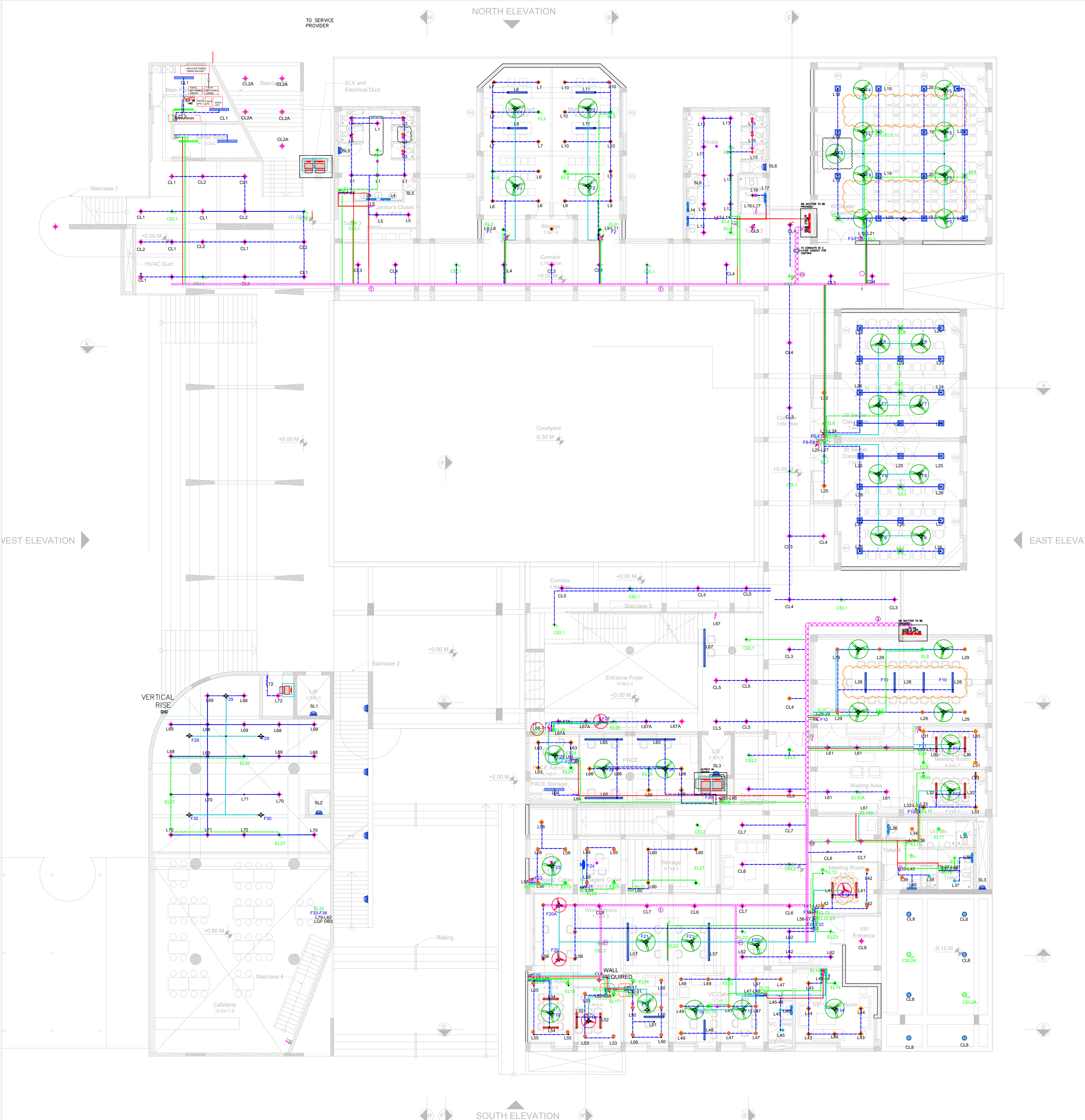


TYPE	DESCRIPTION	CCT
	20W 9000M SUSPENDED LINEAR LIGHT FIXTURE	5700K
	20W 1200MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
	30W 1800MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
	20W 1200MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
	20W 60° BEAM ANGLE SUSPENDED CYLINDRICAL LIGHT FIXTURE	5700K
	20W SUSPENDED BATTEN LIGHT FIXTURE	5700K
	20W 60° BEAM ANGLE SUSPENDED CYLINDRICAL LIGHT FIXTURE	5700K
	12W MIRROR LIGHT FIXTURE	5700K
	15W BULK HEAD LIGHT FIXTURE	5700K
	30W 6000M DIA RING LIGHT FIXTURE	5700K
	18W DOWN LIGHT FIXTURE	5700K
	30W LIGHT FIXTURE DOUBLE HEIGHT	5700K
	6W LIGHT FIXTURE	5700K
	6W DOWN LIGHT FIXTURE	5700K
	30W LIGHT FIXTURE IP RATED	5700K
	30W 350X350MM LIGHT FIXTURE	5700K
	35W 1200MM DIA CEILING FAN	
	35W 900MM DIA CEILING FAN	
	1200MM WALL MOUNTED FAN	
	FAN REGULATOR	
	6A SINGLE POLE SWITCH(NORMAL)	
	6A SINGLE POLE SWITCH(EMERGENCY)	

DWG NO : TD-E-LTG-201

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	20W 900MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
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	30W 1800MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
	20W 1200MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
	20W 60° BEAM ANGLE SUSPENDED CYLINDRICAL LIGHT FIXTURE	5700K
	20W SUSPENDED BATTEN LIGHT FIXTURE	5700K
	20W 60° BEAM ANGLE SUSPENDED CYLINDRICAL LIGHT FIXTURE	5700K
	12W MIRROR LIGHT FIXTURE	5700K
	15W BULK HEAD LIGHT FIXTURE	5700K
	30W 600MM DIA RING LIGHT FIXTURE	5700K
	18W DOWN LIGHT FIXTURE	5700K
	30W LIGHT FIXTURE DOUBLE HEIGHT	5700K
	6W LIGHT FIXTURE	5700K
	6W DOWN LIGHT FIXTURE	5700K
	30W LIGHT FIXTURE IP RATED	5700K
	30W 350X350MM LIGHT FIXTURE	5700K
	35W 1200MM DIA CEILING FAN	
	35W 900MM DIA CEILING FAN	
	1200MM WALL MOUNTED FAN	
	FAN REGULATOR	
	6A SINGLE POLE SWITCH(NORMAL)	
	6A SINGLE POLE SWITCH(EMERGENCY)	

KEYPLAN :-

ISSUALS

R0

TENDER\_STAGE

11.12.2024

RS

REVISIONS

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-  
DCOOP  
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UNIT NO. 109, 1ST FLOOR, SWASTIK CHAMBERS,  
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Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-  
NLSIU BENGALURU

TENDER STAGE

DRAWING TITLE :-  
GROUND FLOOR LIGHTING  
LAYOUT

PHASE	:	BLOCK	:	SCALE	:			
DESIGNED	:	RS	:	DATE	:	11.12.2024	:	1:125
DRAWN	:	RS	:	APPROVED	:	MEGHANA	:	REV NO:
CHECKED	:	MEGHANA	:	SHEET	:	A1	:	R1

DWG NO : TD-E-LTG-202  
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TYPE	DESCRIPTION	CCT
	20W 900MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
	20W 1200MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
	30W 1800MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
	20W 1200MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
	20W 60° BEAM ANGLE SUSPENDED CYLINDRICAL LIGHT FIXTURE	5700K
	20W SUSPENDED BATTEN LIGHT FIXTURE	5700K
	20W 60° BEAM ANGLE SUSPENDED CYLINDRICAL LIGHT FIXTURE	5700K
	12W MIRROR LIGHT FIXTURE	5700K
	15W BULK HEAD LIGHT FIXTURE	5700K
	30W 600MM DIA RING LIGHT FIXTURE	5700K
	18W DOWN LIGHT FIXTURE	5700K
	30W LIGHT FIXTURE DOUBLE HEIGHT	5700K
	6W LIGHT FIXTURE	5700K
	6W DOWN LIGHT FIXTURE	5700K
	30W LIGHT FIXTURE IP RATED	5700K
	30W 350X350MM LIGHT FIXTURE	5700K
	35W 1200MM DIA CEILING FAN	
	35W 900MM DIA CEILING FAN	
	1200MM WALL MOUNTED FAN	
	FAN REGULATOR	
	6A SINGLE POLE SWITCH(NORMAL)	
	6A SINGLE POLE SWITCH(EMERGENCY)	

KEYPLAN :-

ISSUALS

R0

TENDER STAGE

11.12.2024

RS

REVISIONS

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

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PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

DRAWING TITLE :-

FIRST FLOOR LIGHTING LAYOUT

PHASE	:	BLOCK	:	SCALE	:
DESIGNED	:	RS	:	DATE	:
DRAWN	:	RS	:	APPROVED	:
CHECKED	:	MEGHANA	:	SHEET	:

DWG NO : TD-E-LTG-203

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TYPE	DESCRIPTION	CCT
	20W 900MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
	20W 1200MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
	30W 1800MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
	20W 1200MM SUSPENDED LINEAR LIGHT FIXTURE	5700K
	20W 60° BEAM ANGLE SUSPENDED CYLINDRICAL LIGHT FIXTURE	5700K
	20W SUSPENDED BATTEN LIGHT FIXTURE	5700K
	20W 60° BEAM ANGLE SUSPENDED CYLINDRICAL LIGHT FIXTURE	5700K
	12W MIRROR LIGHT FIXTURE	5700K
	15W BULK HEAD LIGHT FIXTURE	5700K
	30W 600MM DIA RING LIGHT FIXTURE	5700K
	18W DOWN LIGHT FIXTURE	5700K
	30W LIGHT FIXTURE DOUBLE HEIGHT	5700K
	6W LIGHT FIXTURE	5700K
	6W DOWN LIGHT FIXTURE	5700K
	30W LIGHT FIXTURE IP RATED	5700K
	30W 350X350MM LIGHT FIXTURE	5700K
	35W 1200MM DIA CEILING FAN	
	35W 900MM DIA CEILING FAN	
	1200MM WALL MOUNTED FAN	
	FAN REGULATOR	
	6A SINGLE POLE SWITCH(NORMAL)	
	6A SINGLE POLE SWITCH(EMERGENCY)	

KEYPLAN :-

ISSUALS

R0

TENDER STAGE

11.12.2024

RS

REVISIONS

OWNER'S NAME :-

CLIENT :-

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Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

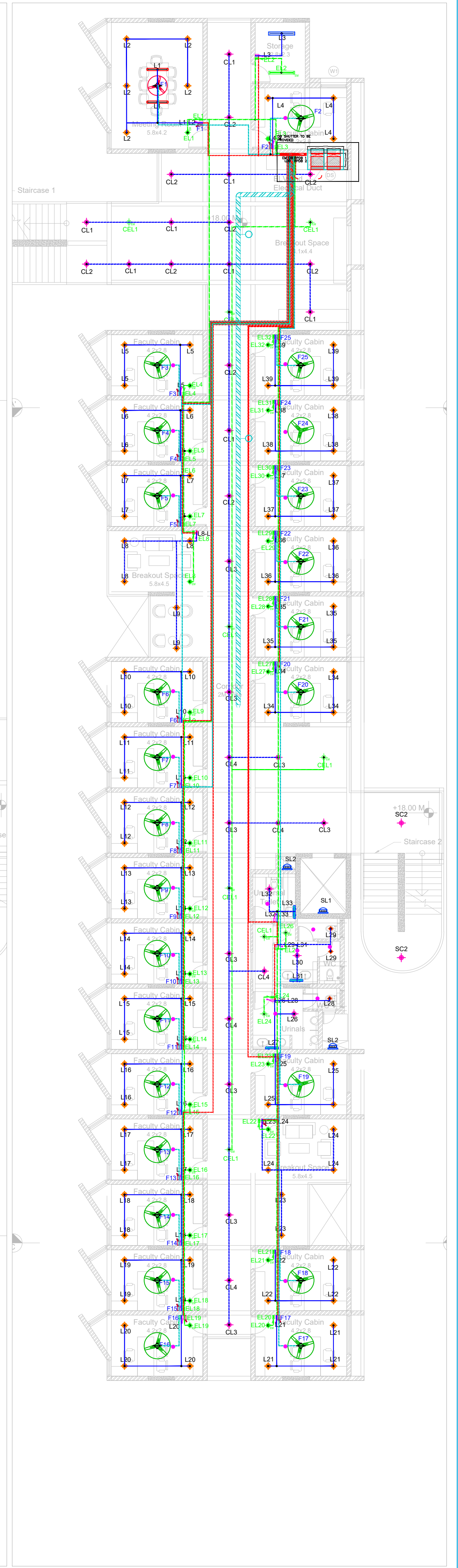
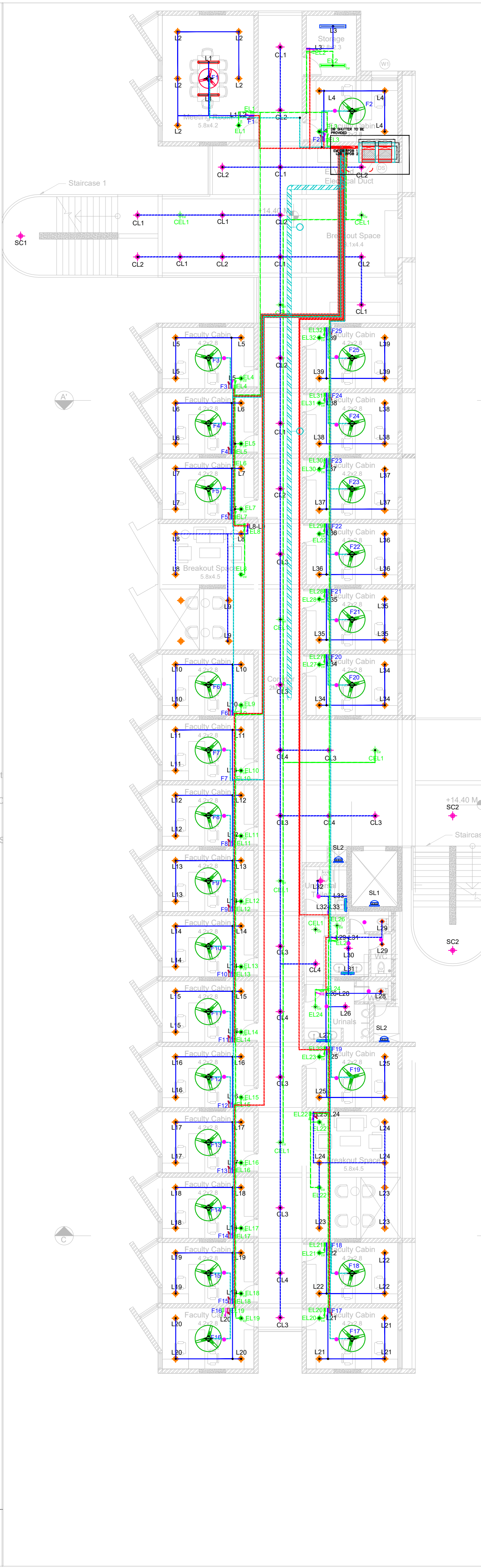
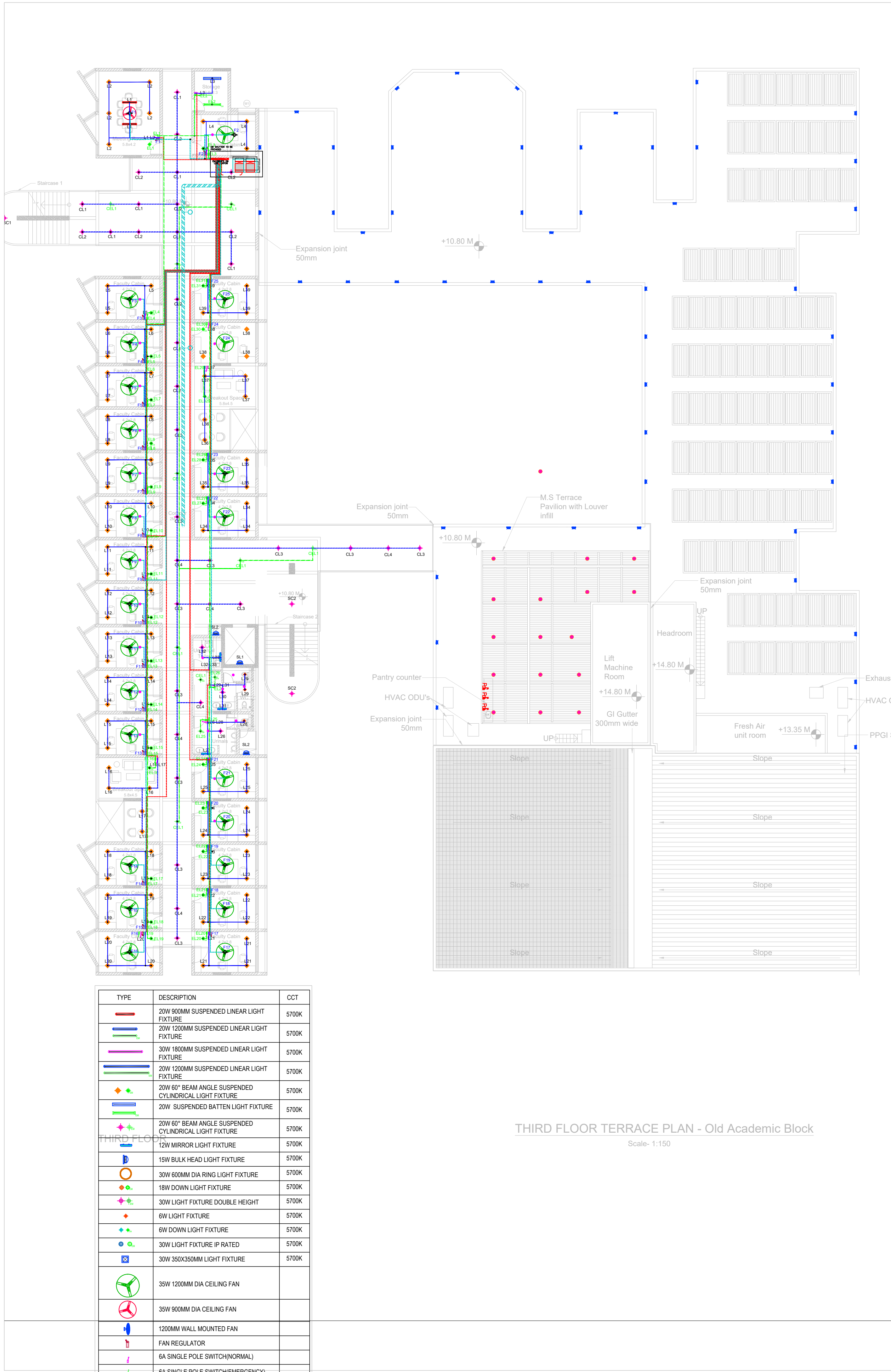
DRAWING TITLE :-

SECOND FLOOR LIGHTING  
LAYOUT

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DESIGNED	:	RS	:	DATE	:	11.12.2024	:	1:125
DRAWN	:	RS	:	APPROVED	:	MEGHANA	:	REV NO:
CHECKED	:	MEGHANA	:	SHEET	:	A1	:	R1

DWG NO : TD-E-LTG-204  
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KEYPLAN :-

ISSUALS

R0

TENDER STAGE

11.12.2024

RS

REVISIONS

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-  
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PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

DRAWING TITLE :-

THIRD,FOURTH,FIFTH FLOOR  
LIGHTING LAYOUT

PHASE :  
DESIGNED : RS

BLOCK :  
DATE : 11.12.2024

SCALE :  
1:125

DRAWN : RS

APPROVED : MEGHANA

REV NO:

CHECKED : MEGHANA

SHEET : A1

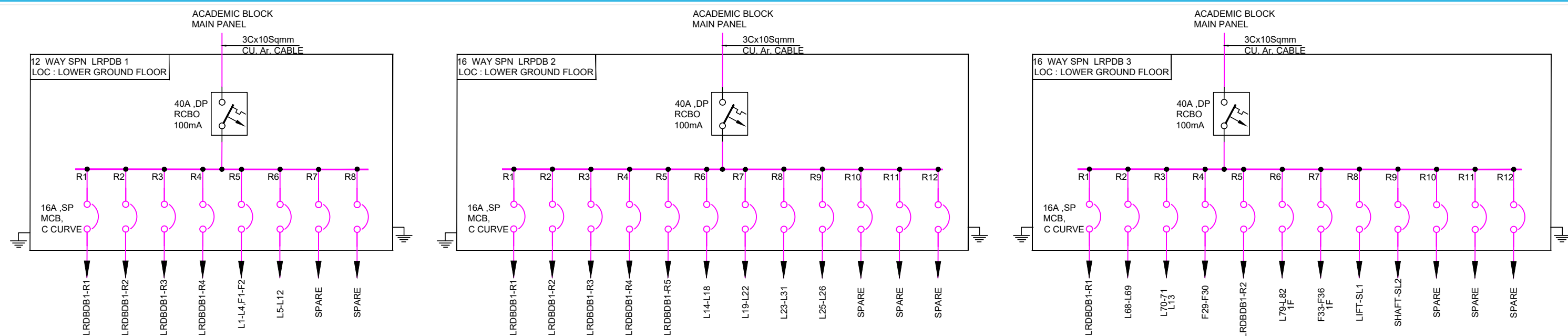
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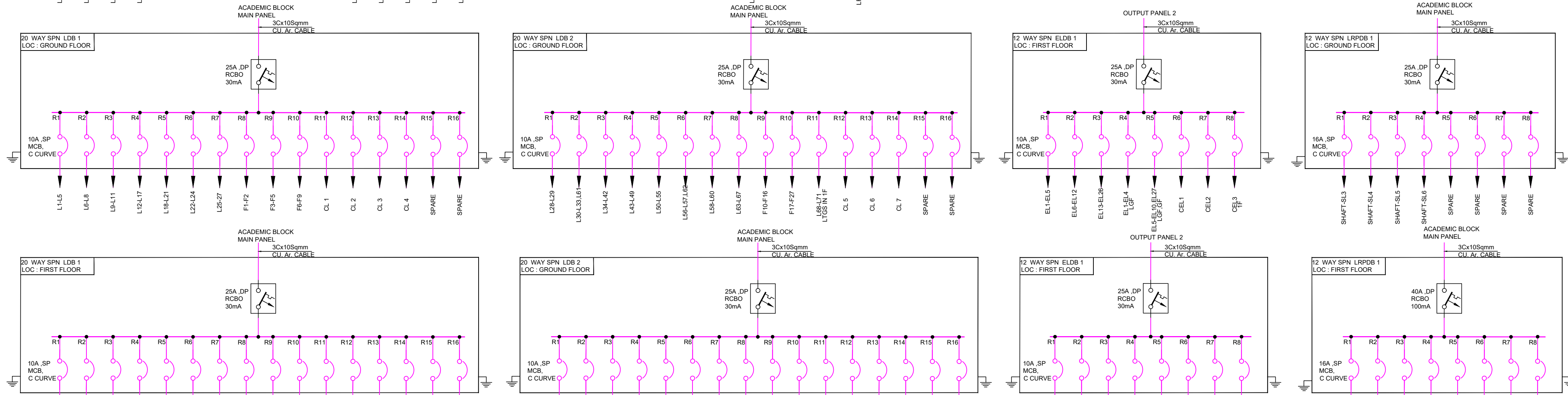
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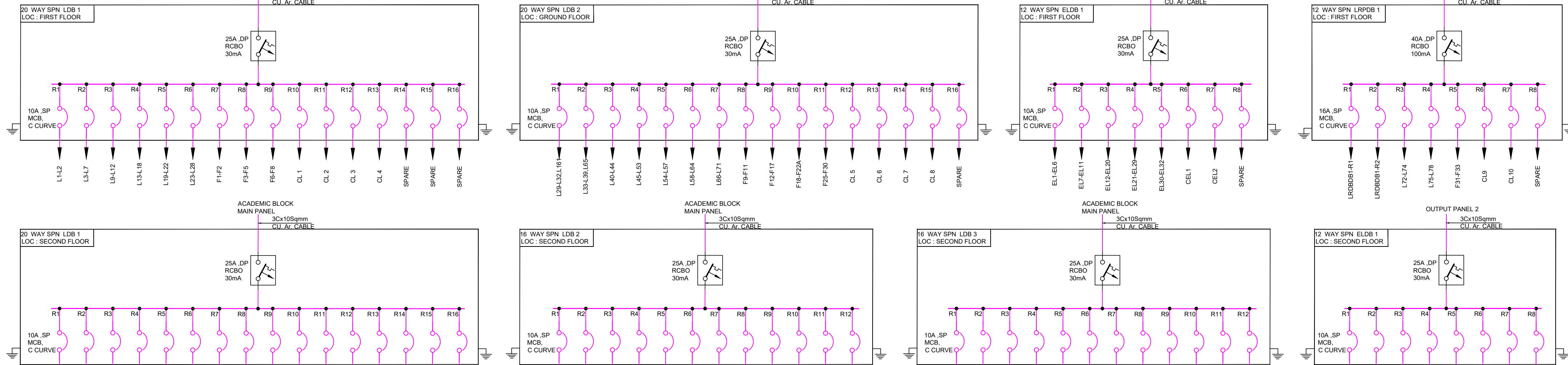
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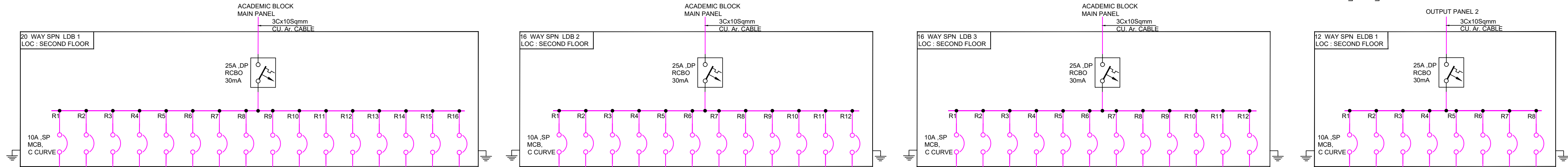
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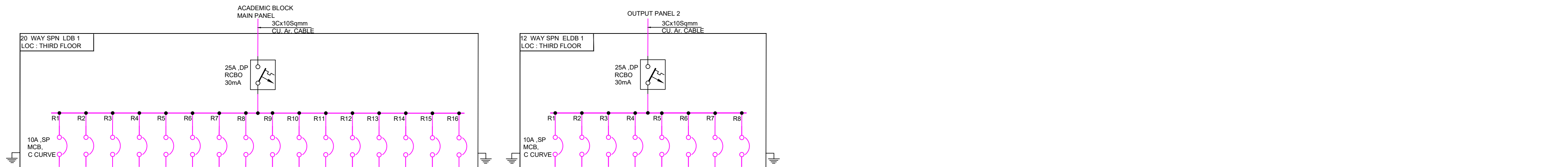
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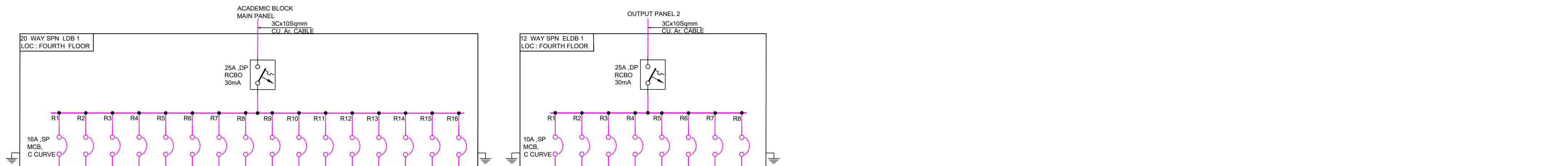
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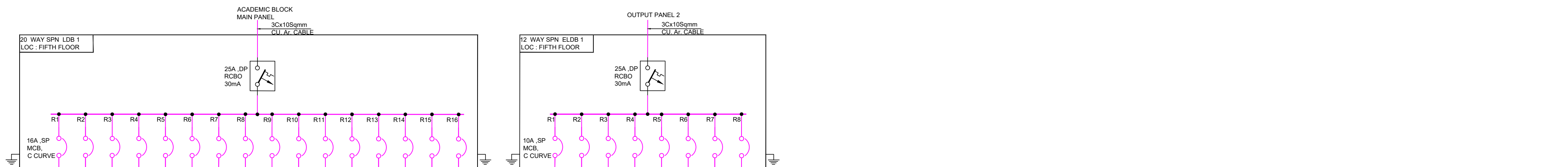
3F



4F



5F



KEYPLAN :-

ISSUALS

REVISIONS

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-

DCOOP

ARCHITECTURE.DESIGN.RESEARCH

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PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

DRAWING TITLE :-

ALL FLOORS DB SCHEDULE  
LAYOUT

PHASE	:	BLOCK	:	SCALE	:
DESIGNED	:	RS	:	DATE	:
DRAWN	:	RS	:	APPROVED	:
CHECKED	:	MEGHANA	:	SHEET	:

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# **ELECTRICAL TENDER DRAWINGS - POWER LAYOUT**

**OAB REDEVELOPMENT, NLSIU, BENGALURU**

Dec 2024





## ISSUALS

## REVISIONS

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-

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PROJECT TITLE :-

NLSIU BENGALURU

## TENDER STAGE

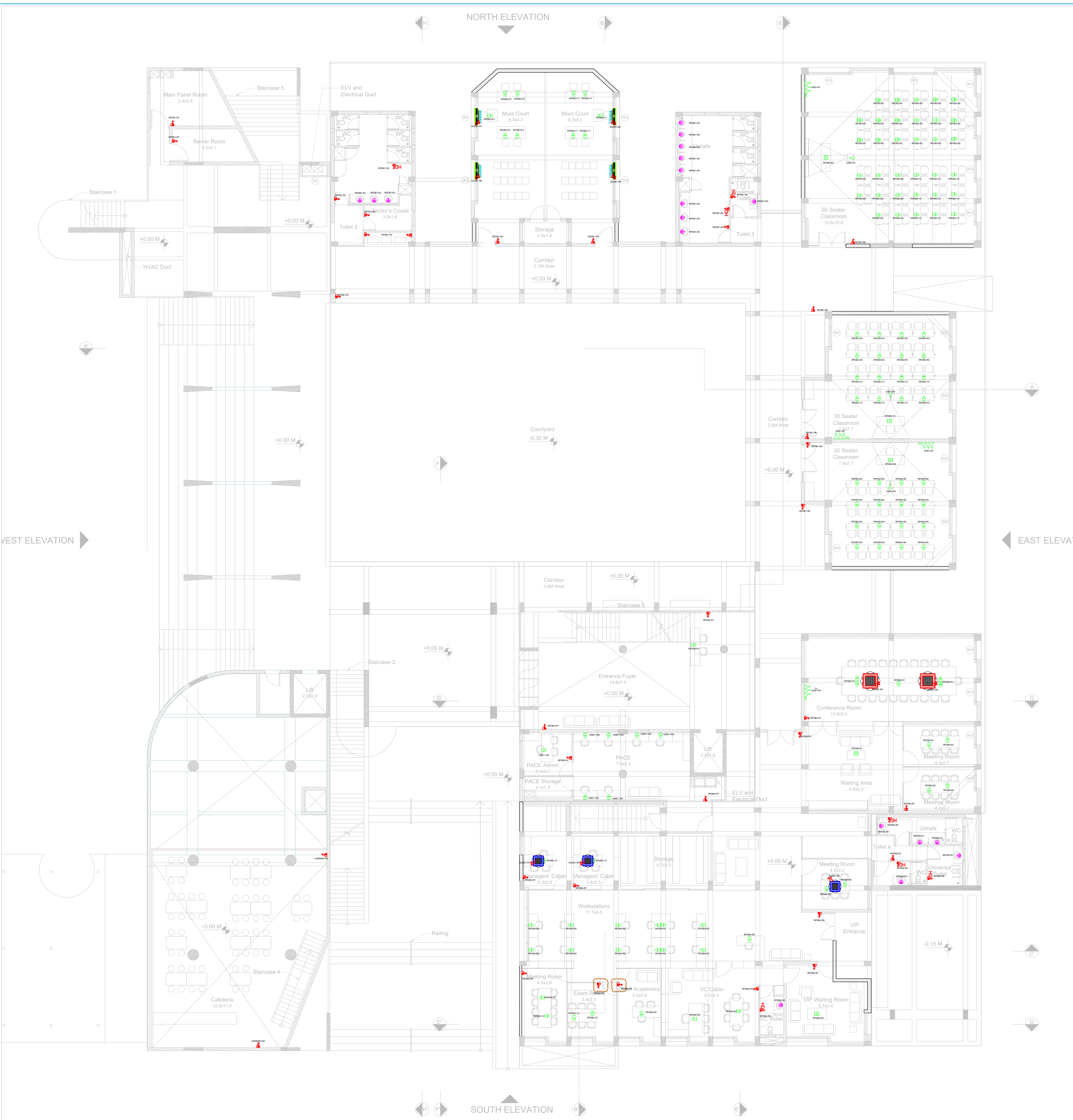
DRAWING TITLE :-

## LOWER GROUND FLOOR POWER LAYOUT

DWG NO : TD-E-PWR-201

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ELECTRICAL LEGENDS		
S/NO	AREA	DESCRIPTION
1	CLASSROOMS (LAPTOPS)	3Nos. OF 6A UNIVERSAL SOCKET CONTROLLED BY 1No. OF 6A SP SWITCH WITH OUT BOX ON UPS POWER.
2	TOILETS	1 NO OF 5/6A UNIVERSAL SOCKET WITHOUT SWITCH FOR URINALS & WASH BASIN SENSORS ON RAW POWER (WCEILING). 6/16A. UNIVERSAL SOCKET CONTROLLED BY 1 No. OF 16 A SINGLE POLE SWITCH ON RAW POWER FOR HAND DRIER. (Ø1200MM FROM FFL.)
3	PASSAGE/ CORRIDOR/ SERVICE ROOM	6/16A. UNIVERSAL SOCKET CONTROLLED BY 1 No. OF 16 A SINGLE POLE SWITCH ON RAW POWER- CLEANING SOCKET(300ØMM FROM FFL.)
4	PANTRY	6/16A. UNIVERSAL SOCKET CONTROLLED BY 1No. OF 16A SP SWITCH FOR UTILITY ON RAW POWER (AS PER ARCH ELEVATION).
5	AC	16A, 5 PIN SOCKET CONTROLLED BY 1 No. OF 16 A SINGLE POLE SWITCH ON RAW POWER(240ØMM FROM FFL.)
6	CLASSROOMS /CABINS/LOUNGE	6A. UNIVERSAL SOCKET CONTROLLED BY 1 No. OF 6 A SINGLE POLE SWITCH ON RAW POWER- FLOOR POP UP BOX ON UPS POWER
7	CLASSROOMS /MEETING ROOMS	16A. UNIVERSAL SOCKET CONTROLLED BY 1No. OF 16A SP SWITCH FOR PROJECTOR ON UPS POWER (AS PER ARCH ELEVATION).
8	CLASSROOMS /MEETING ROOMS	3Nos. OF 16A UNIVERSAL SOCKET CONTROLLED BY 1No. OF 16A SP SWITCH WITH OUT BOX ON UPS POWER-FOR AV & SPEAKER.



KEYPLAN :-

ISSUALS

R0	TENDER STAGE	11.12.2024	RS
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REVISIONS

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-  
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PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

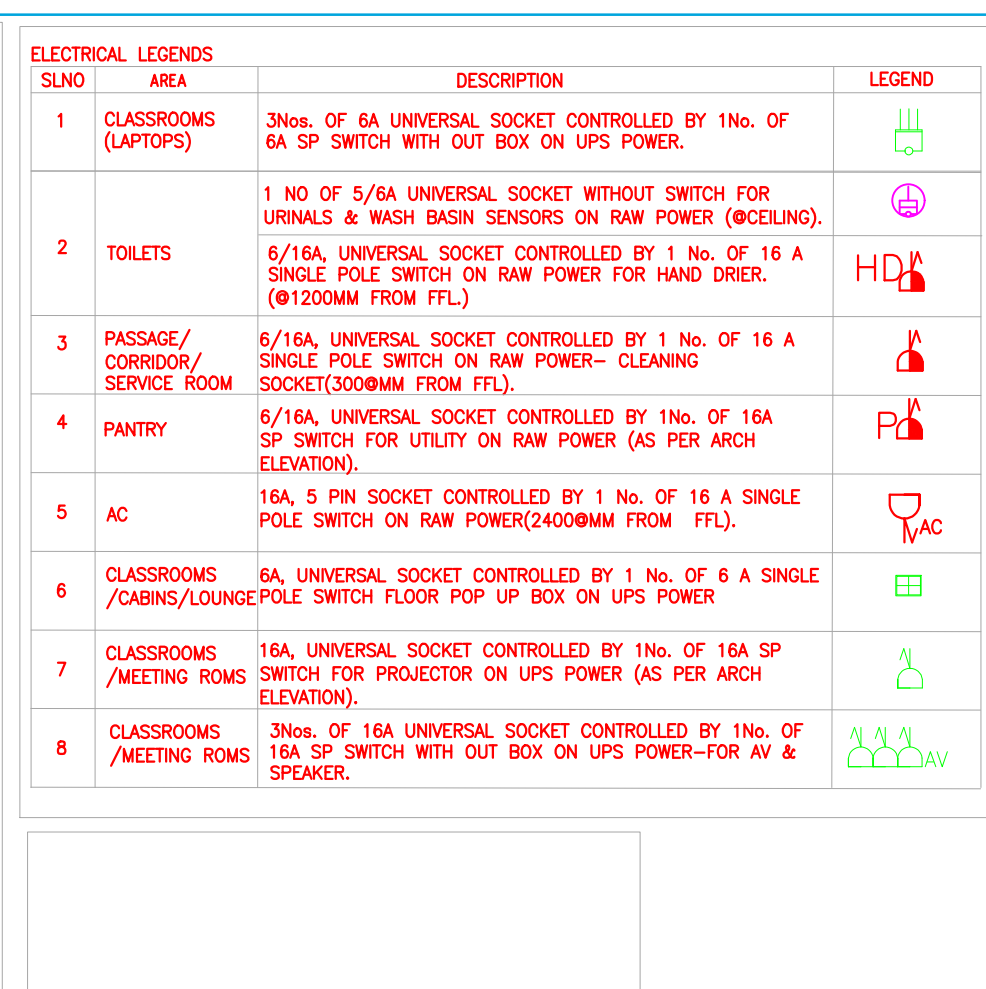
DRAWING TITLE :-

GROUND FLOOR POWER LAYOUT

PHASE	:	BLOCK	:	SCALE	:
DESIGNED	:	RS	:	DATE	:
DRAWN	:	RS	:	APPROVED	:
CHECKED	:	MEGHANA	:	SHEET	:
DWG NO	:	TD-E-PWR-202	:		:

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## ISSUALS

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-

DCOOP  
ARCHITECTURE.DESIGN.RESEARCH

UNIT NO. 109, 1ST FLOOR, SWASTIK CHAMBERS  
SG BARVE ROAD, CHEMBUR, MUMBAI - 400071  
PH: 24706945/46 E-MAIL: mail@dcoop.in

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Ph:+91 80 41222020,URL: [www.mcdberl.com](http://www.mcdberl.com)

PROJECT TITLE :-

NLSIU BENGALURU

## TENDER STAGE

DRAWING TITLE :-

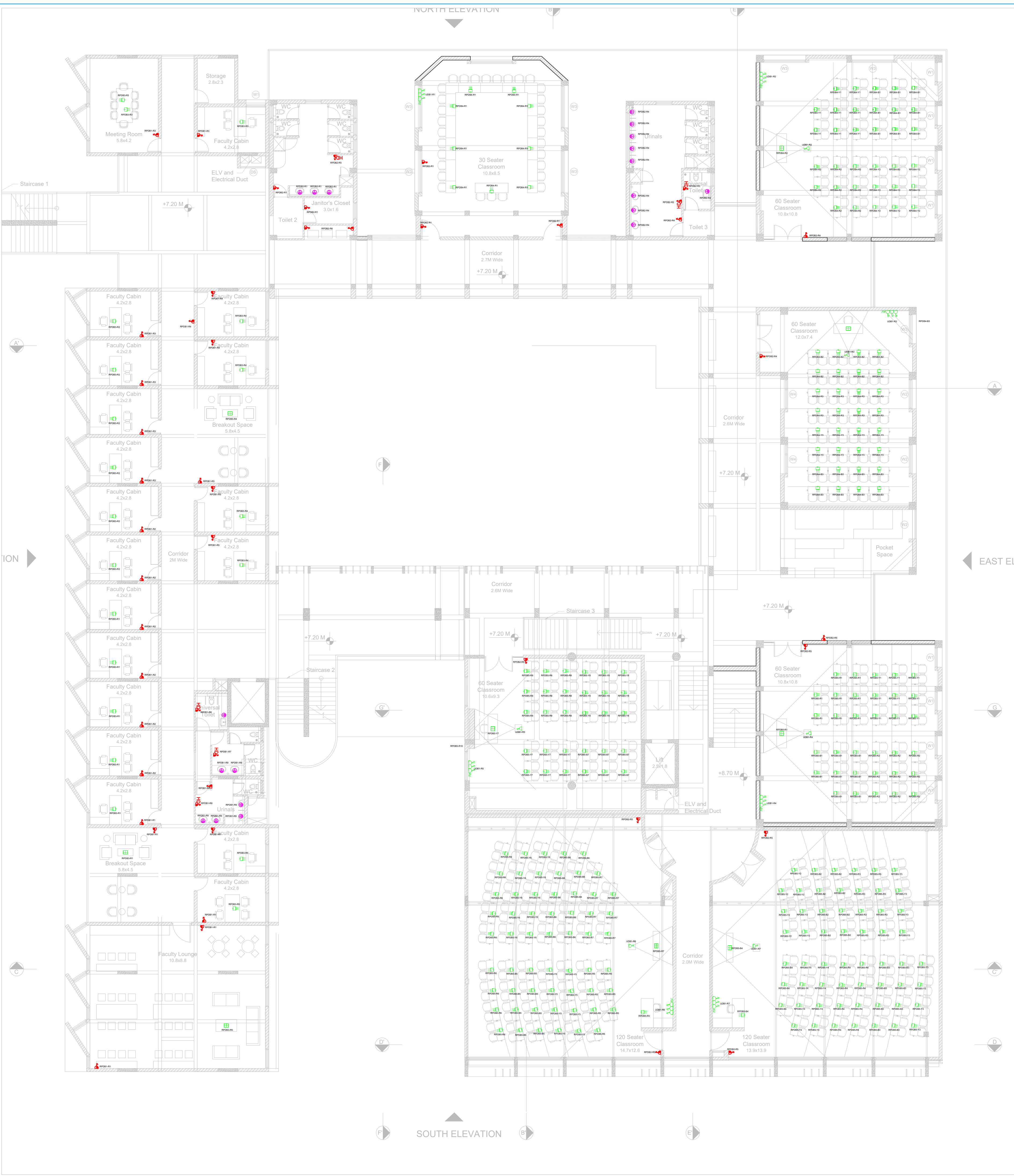
## FIRST FLOOR POWER LAYOUT

PHASE :	BLOCK :	SCALE :
DESIGNED : RS	DATE : 11.12.2024	1:125
DRAWN : RS	APPROVED : MEGHANA	REV NO:
CHECKED : MEGHANA	SHEET : A1	R1

DWG NO : TD-E-PWR-203

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ELECTRICAL LEGENDS			
SLNO	AREA	DESCRIPTION	LEGEND
1	CLASSROOMS (LAPTOPS)	3Nos. OF 6A UNIVERSAL SOCKET CONTROLLED BY 1No. OF 6A SP SWITCH WITH OUT BOX ON UPS POWER.	
2	TOILETS	1 NO OF 5/6A UNIVERSAL SOCKET WITHOUT SWITCH FOR URINALS & WASH BASIN SENSORS ON RAW POWER (WCEILING). 6/16A. UNIVERSAL SOCKET CONTROLLED BY 1 No. OF 16 A SINGLE POLE SWITCH ON RAW POWER FOR HAND DRIER. (Ø1200MM FROM FFL.)	
3	PASSAGE/ CORRIDOR/ SERVICE ROOM	6/16A. UNIVERSAL SOCKET CONTROLLED BY 1 No. OF 16 A SINGLE POLE SWITCH ON RAW POWER- CLEANING SOCKET(300ØMM FROM FFL.)	
4	PANTRY	6/16A. UNIVERSAL SOCKET CONTROLLED BY 1No. OF 16A SP SWITCH FOR UTILITY ON RAW POWER (AS PER ARCH ELEVATION).	
5	AC	16A, 5 PIN SOCKET CONTROLLED BY 1 No. OF 16 A SINGLE POLE SWITCH ON RAW POWER(240ØMM FROM FFL.)	
6	CLASSROOMS /CABINS/LOUNGE	6A. UNIVERSAL SOCKET CONTROLLED BY 1 No. OF 6 A SINGLE POLE SWITCH ON RAW POWER- POP BOX ON UPS POWER	
7	CLASSROOMS /MEETING ROOMS	16A. UNIVERSAL SOCKET CONTROLLED BY 1No. OF 16A SP SWITCH FOR PROJECTOR ON UPS POWER (AS PER ARCH ELEVATION).	
8	CLASSROOMS /MEETING ROOMS	3Nos. OF 16A UNIVERSAL SOCKET CONTROLLED BY 1No. OF 16A SP SWITCH WITH OUT BOX ON UPS POWER-FOR AV & SPEAKER.	

KEYPLAN :-

ISSUALS

R0	TENDER STAGE	11.12.2024	RS
REVISIONS			

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-

**DCOOP**  
ARCHITECTURE.DESIGN.RESEARCH

UNIT NO. 109, 1ST FLOOR, SWASTIK CHAMBERS,  
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Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

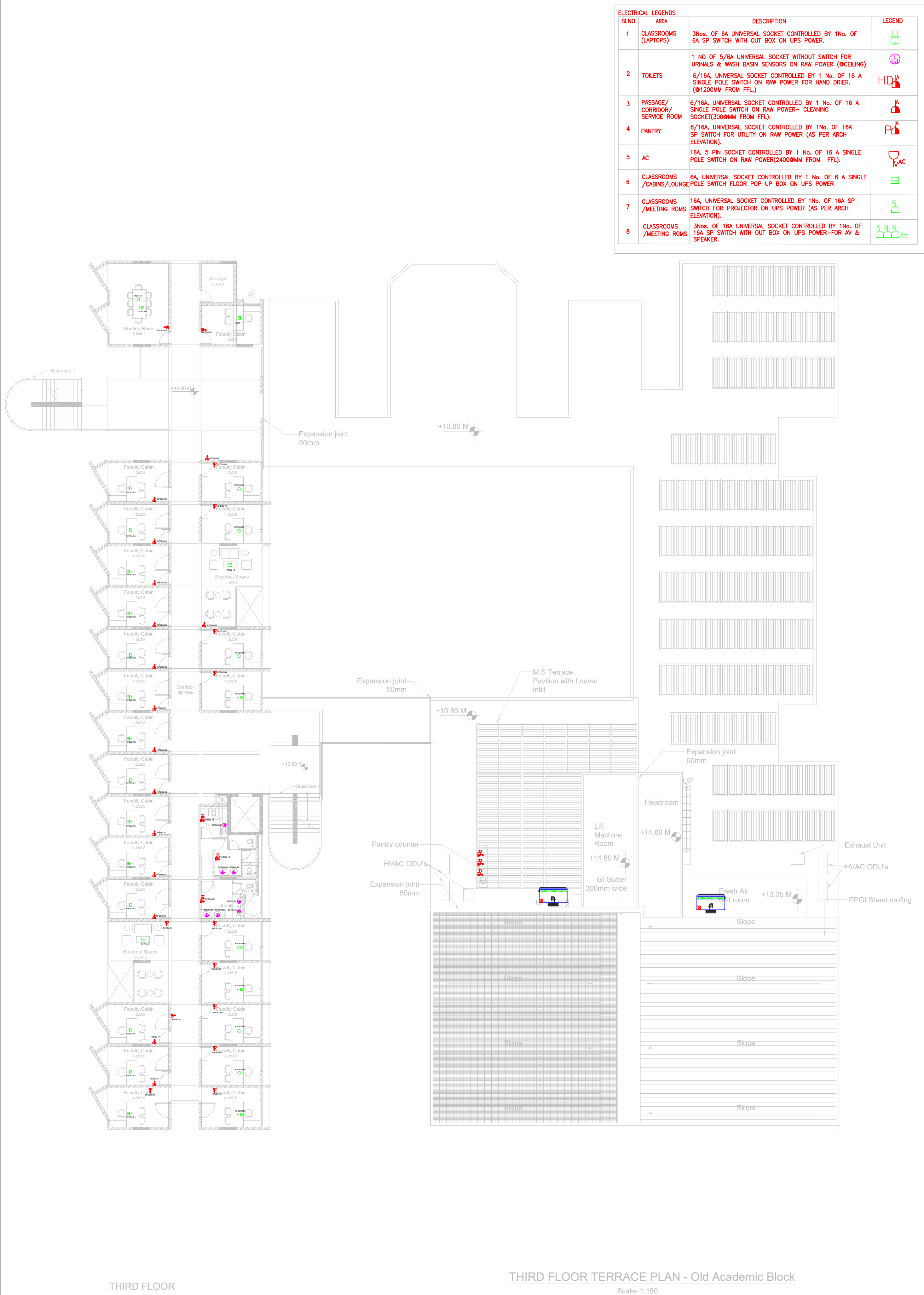
DRAWING TITLE :-

SECOND FLOOR POWER  
LAYOUT

PHASE	:	BLOCK	:	SCALE	:
DESIGNED	:	RS	:	DATE	:
DRAWN	:	RS	:	APPROVED	:
CHECKED	:	MEGHANA	:	SHEET	:
DWG NO	:	TD-E-PWR-204	:		:

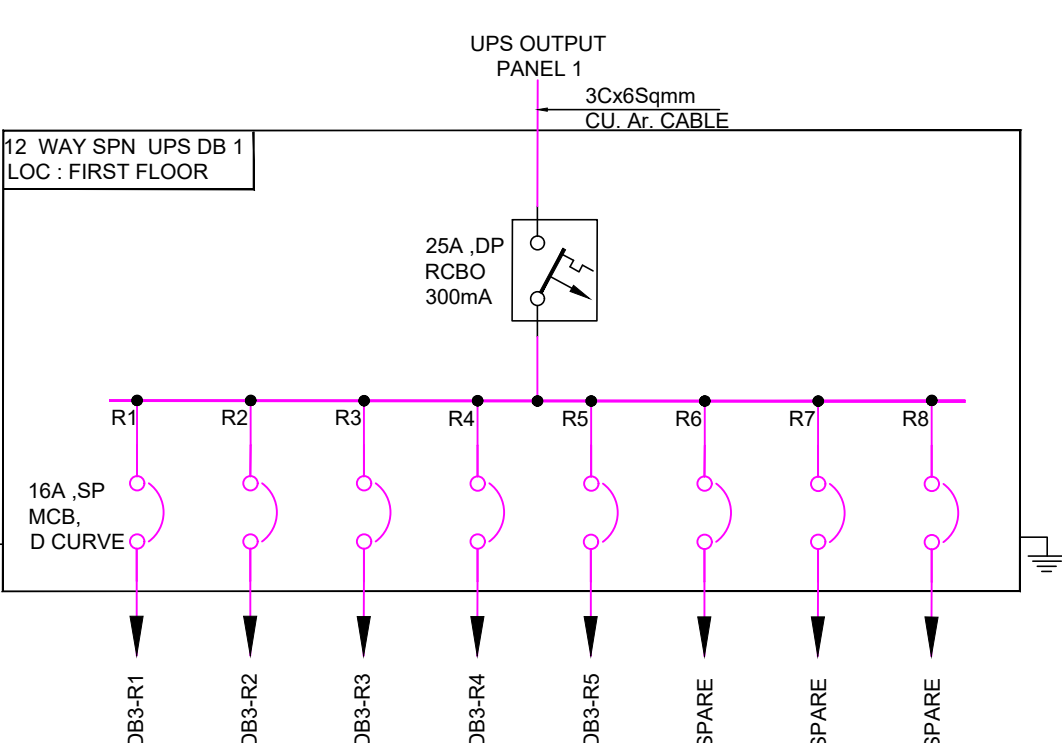
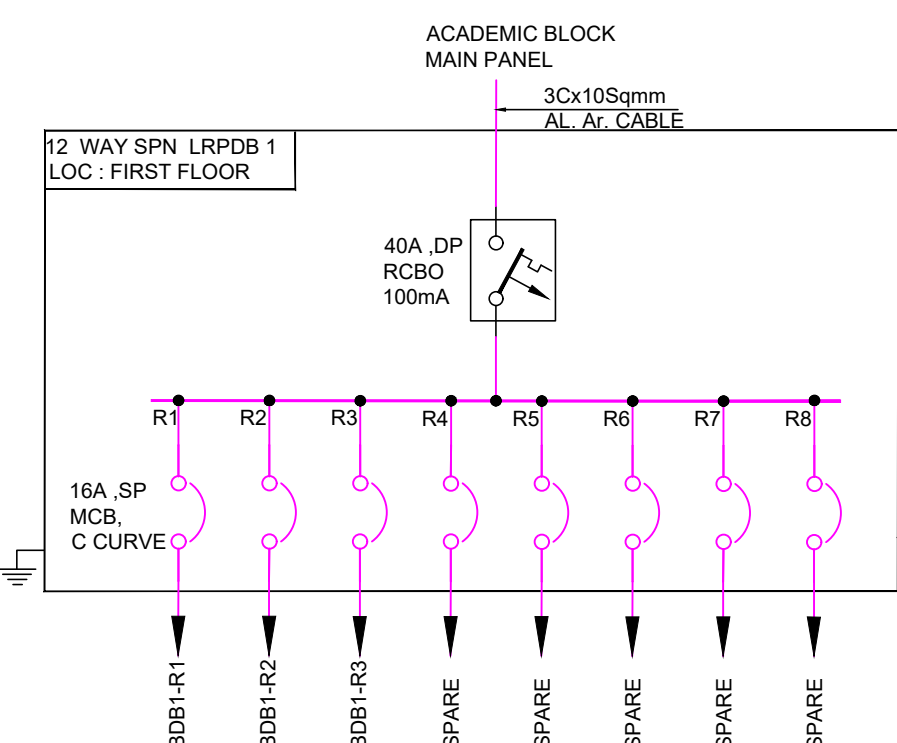
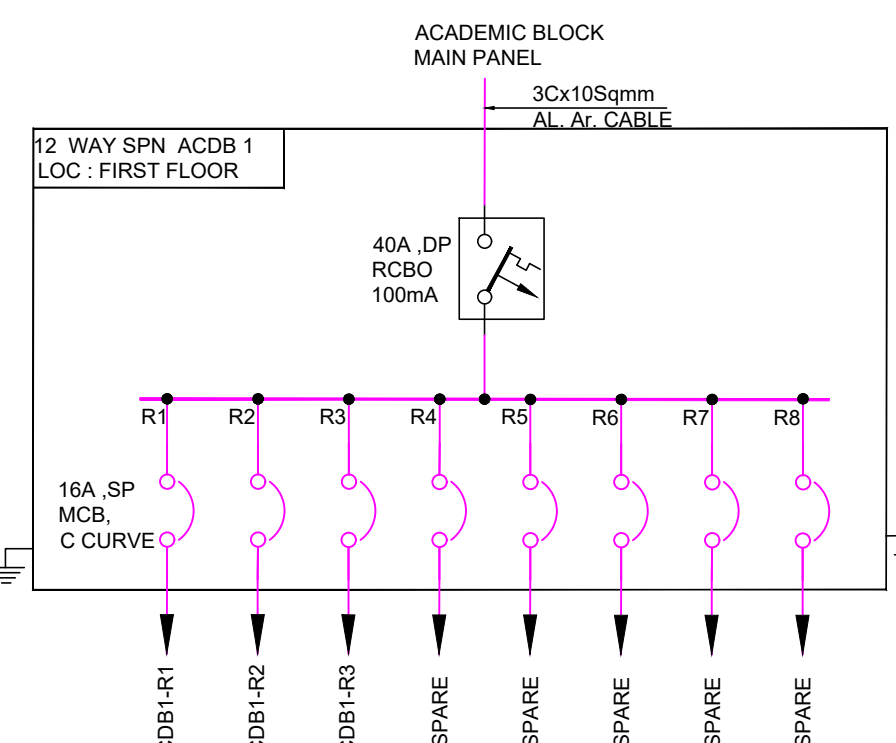
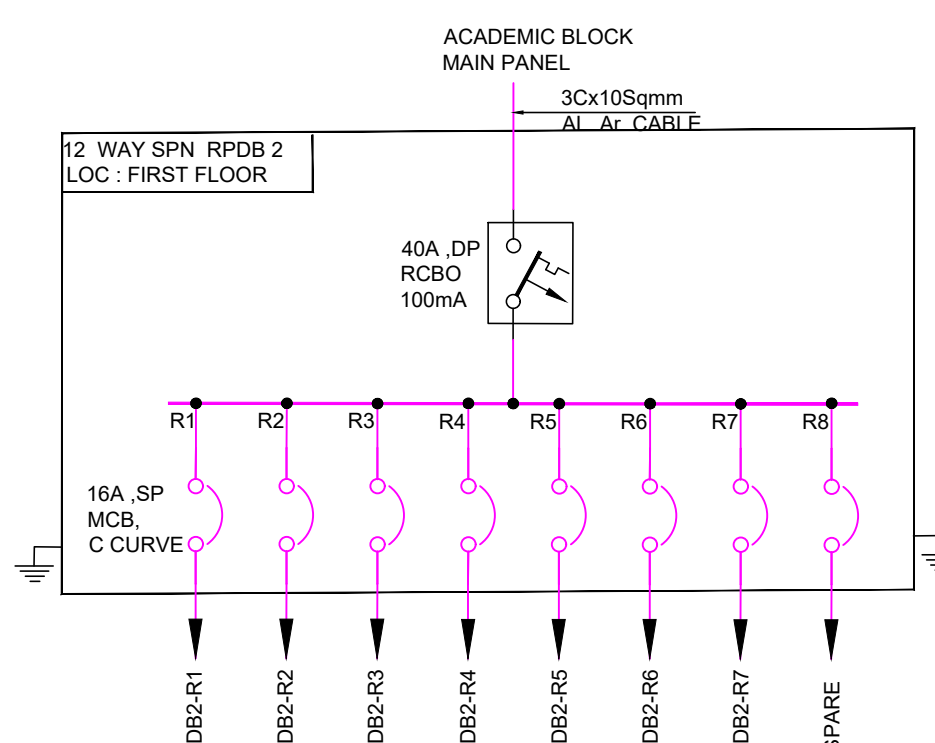
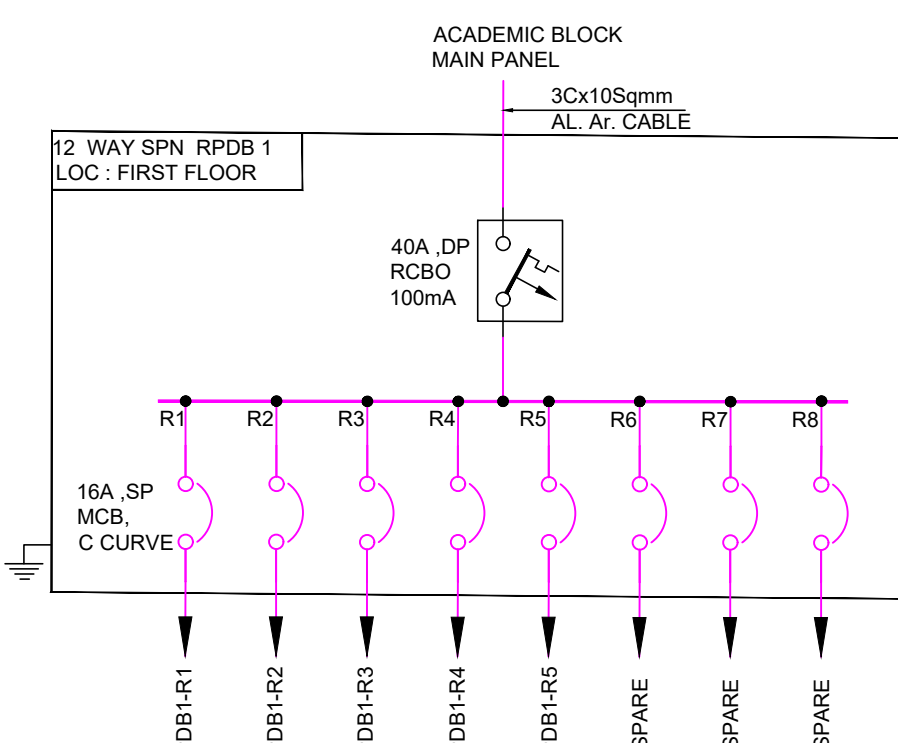
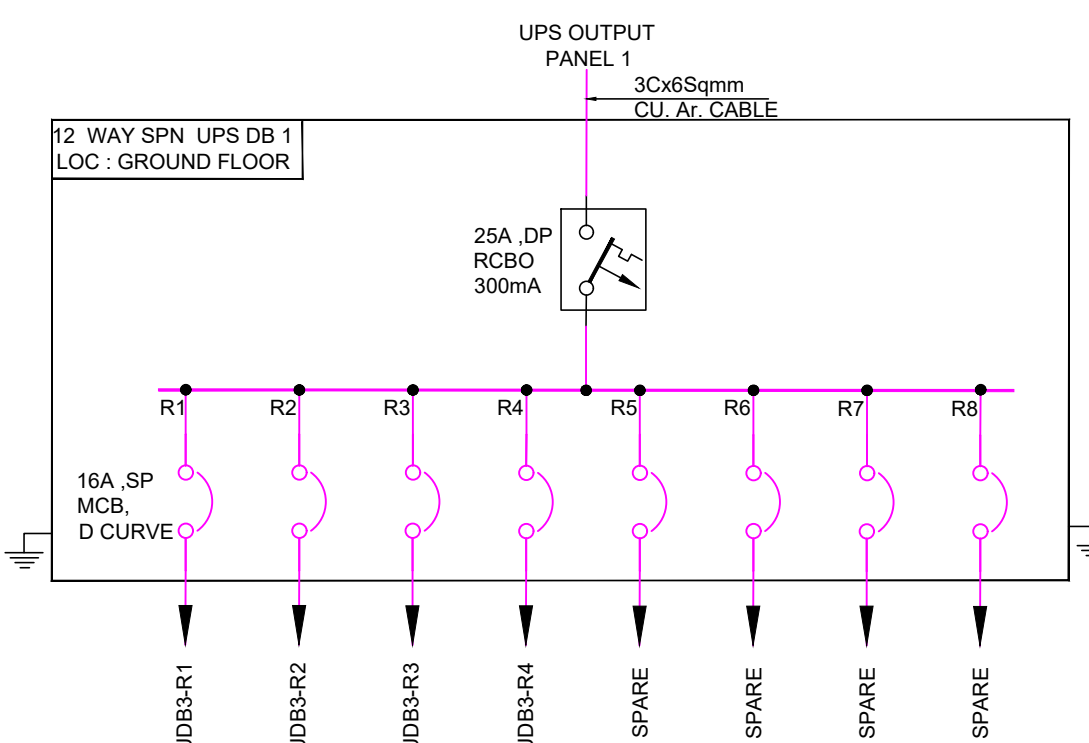
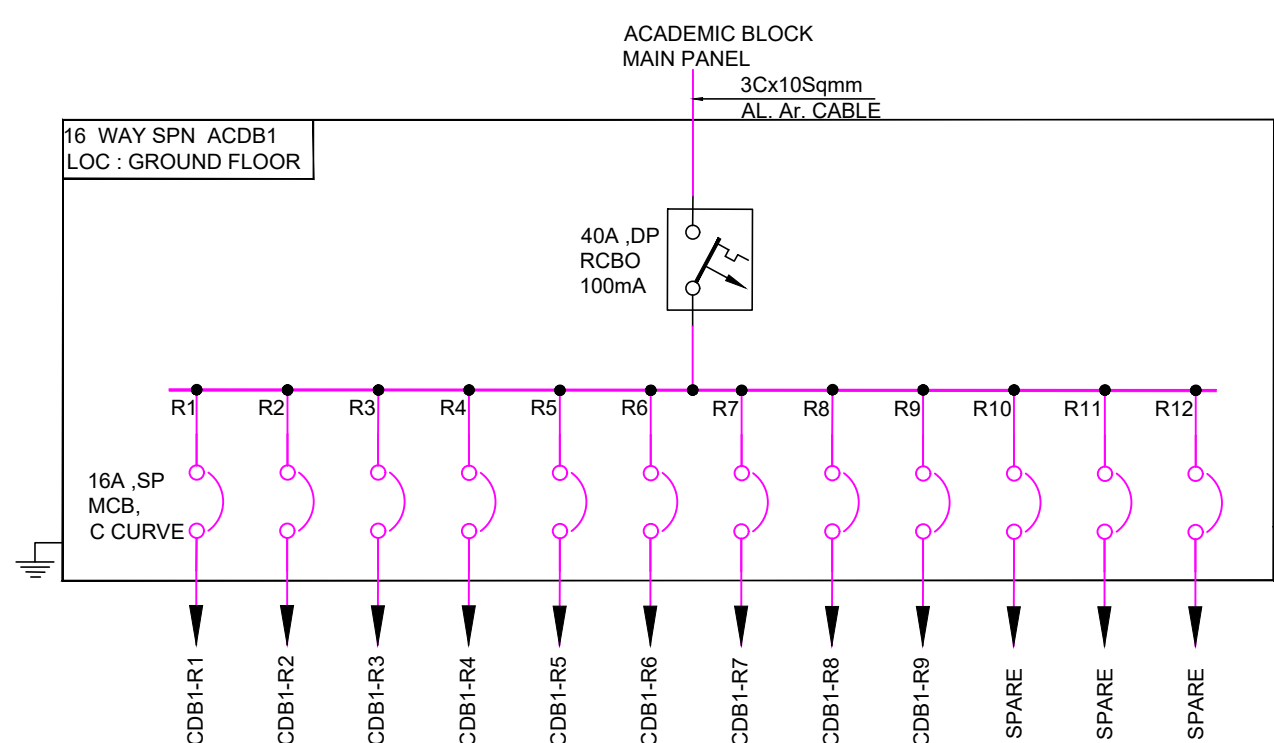
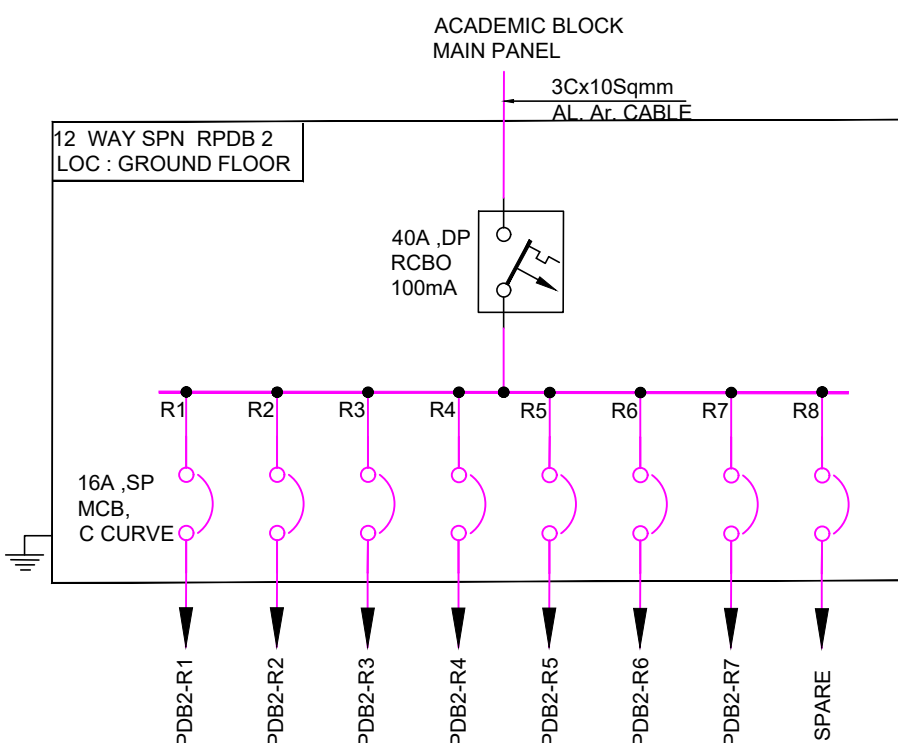
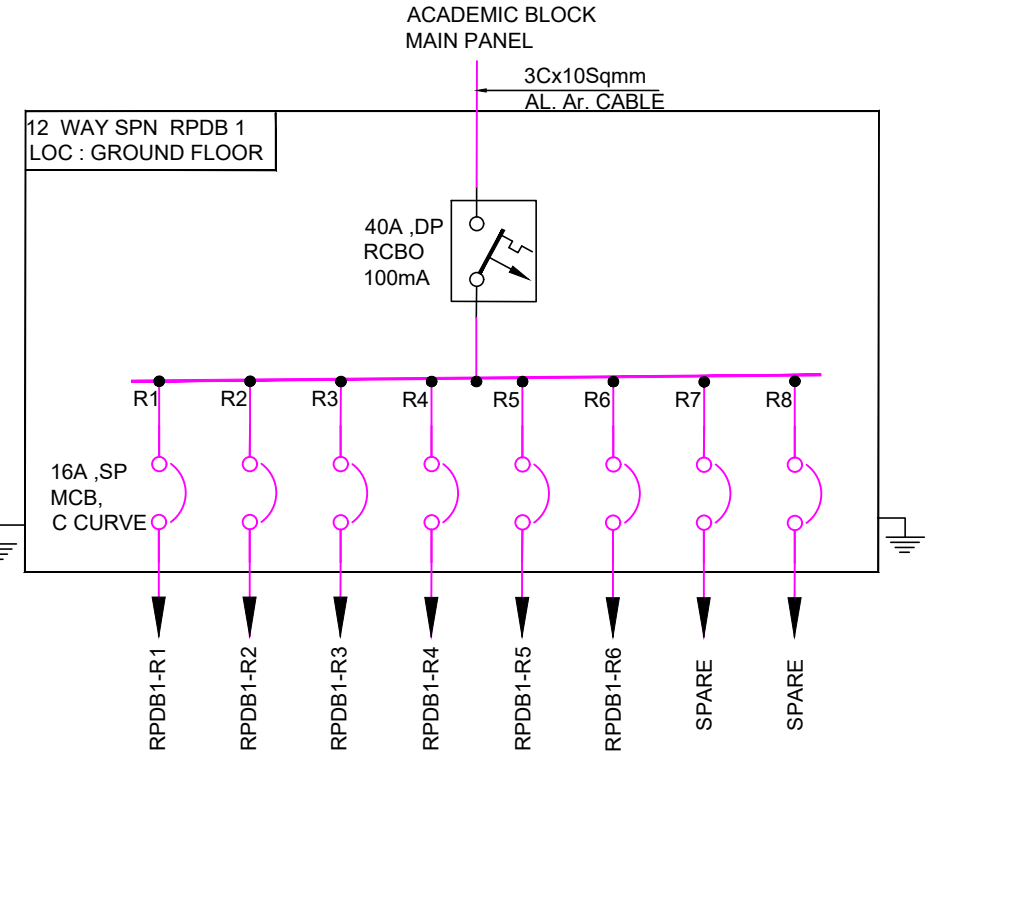
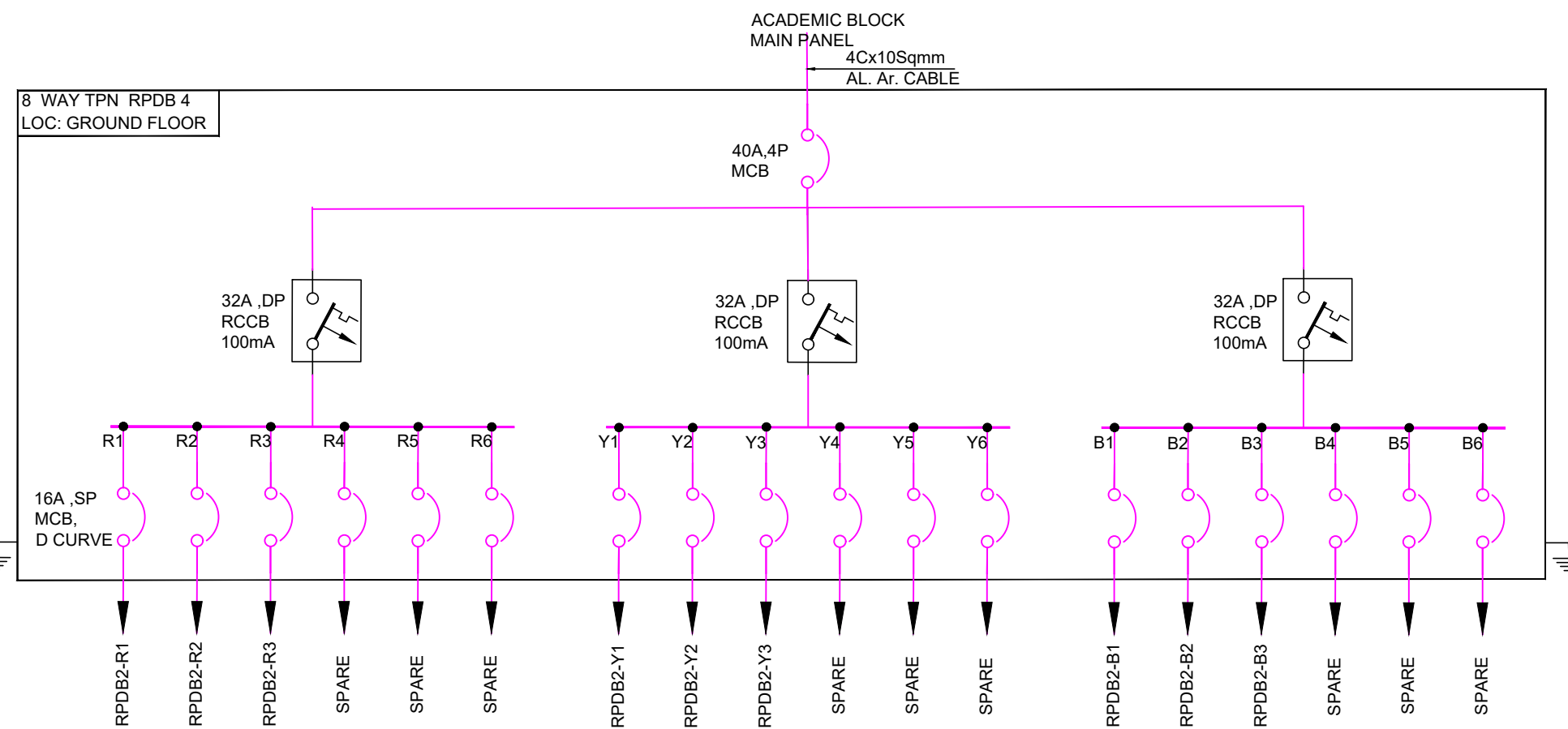
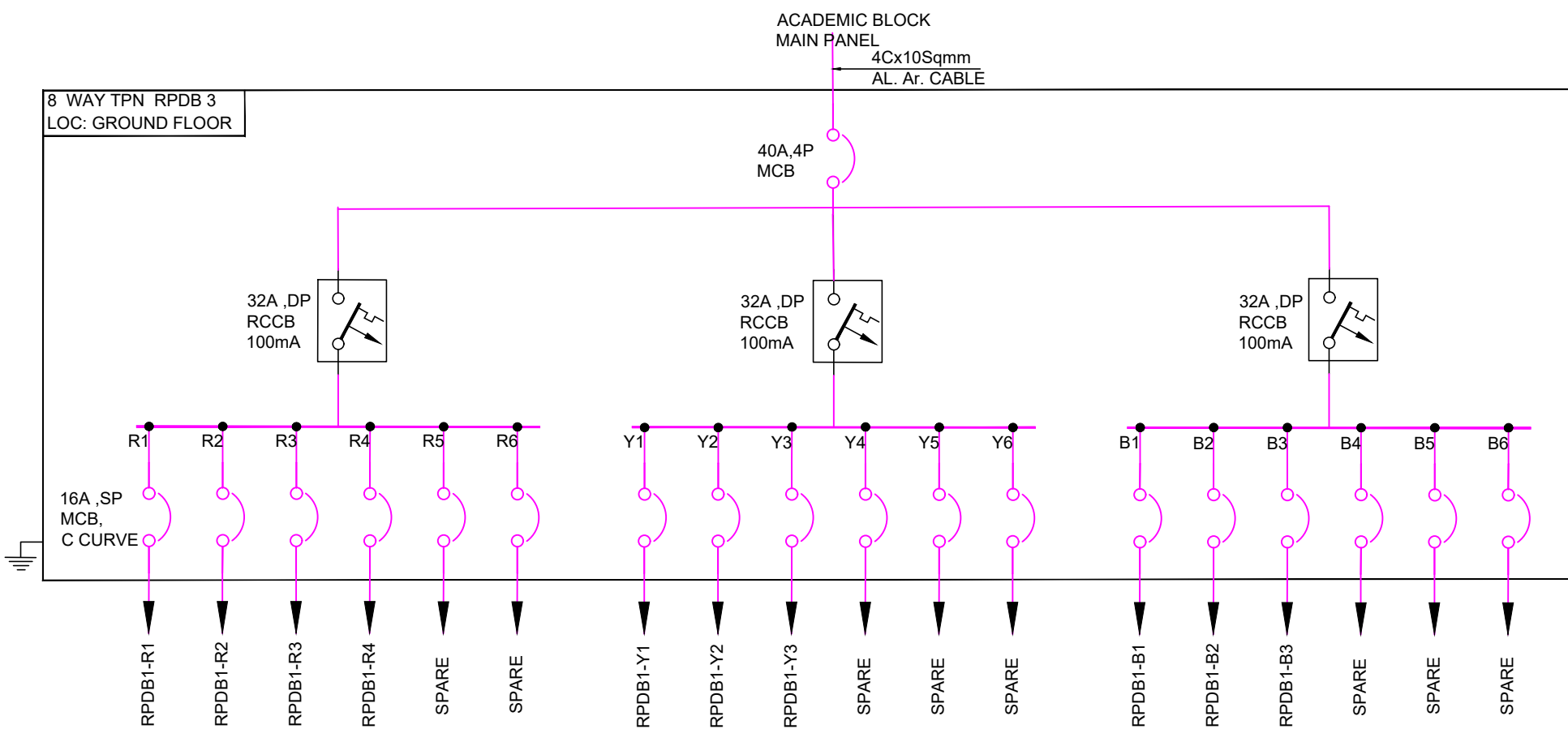
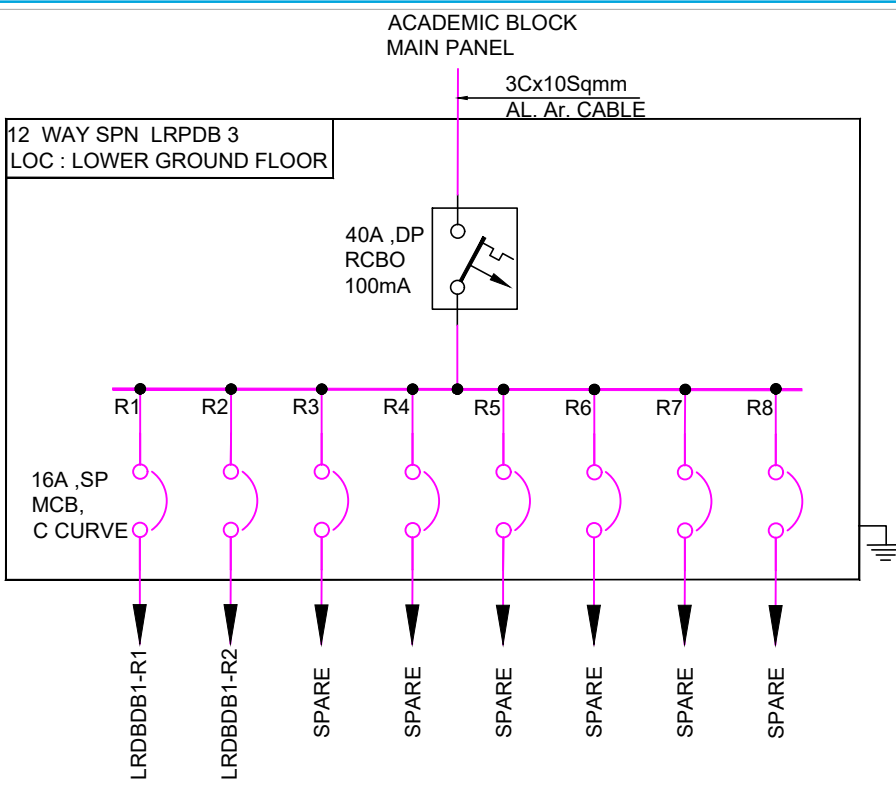
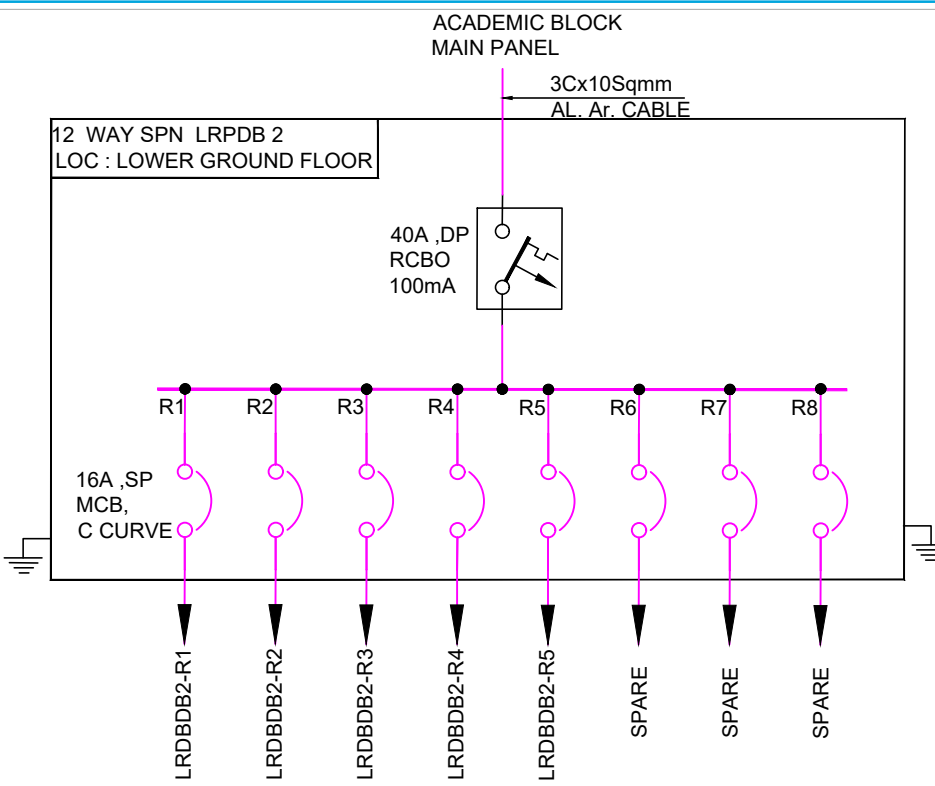
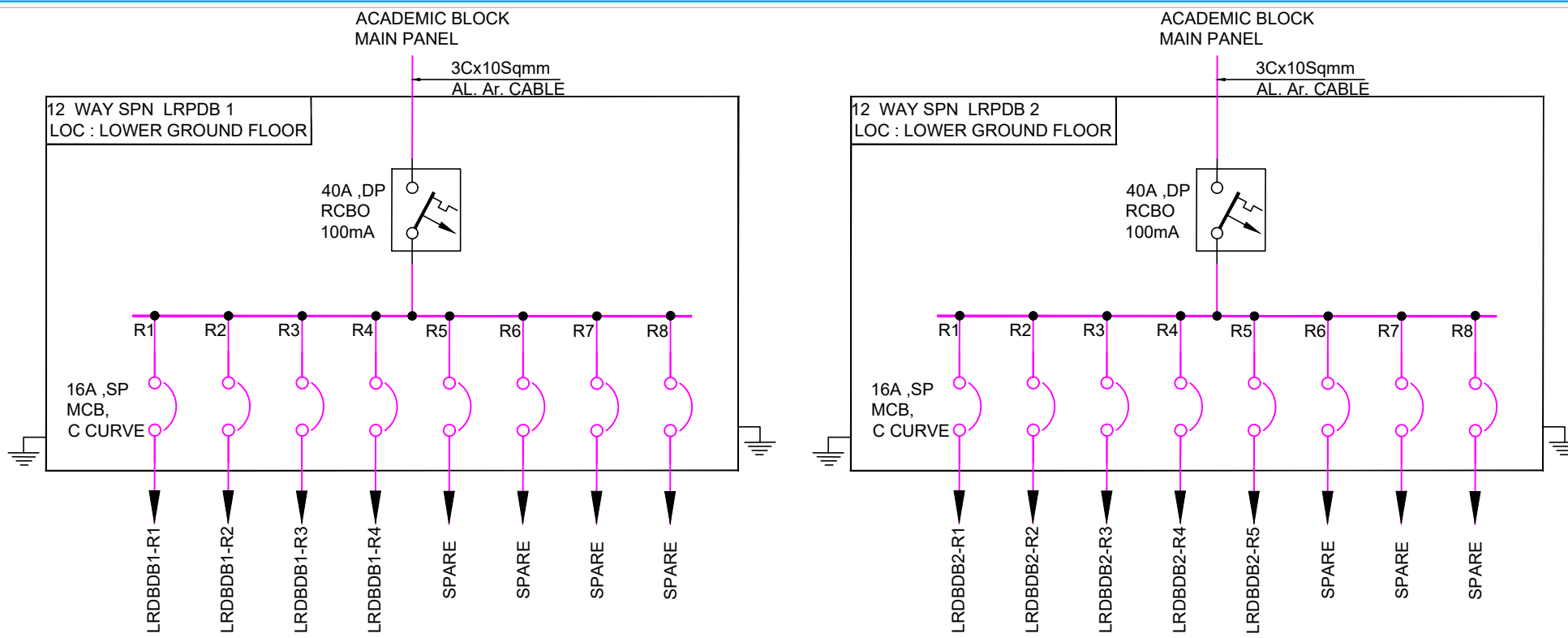
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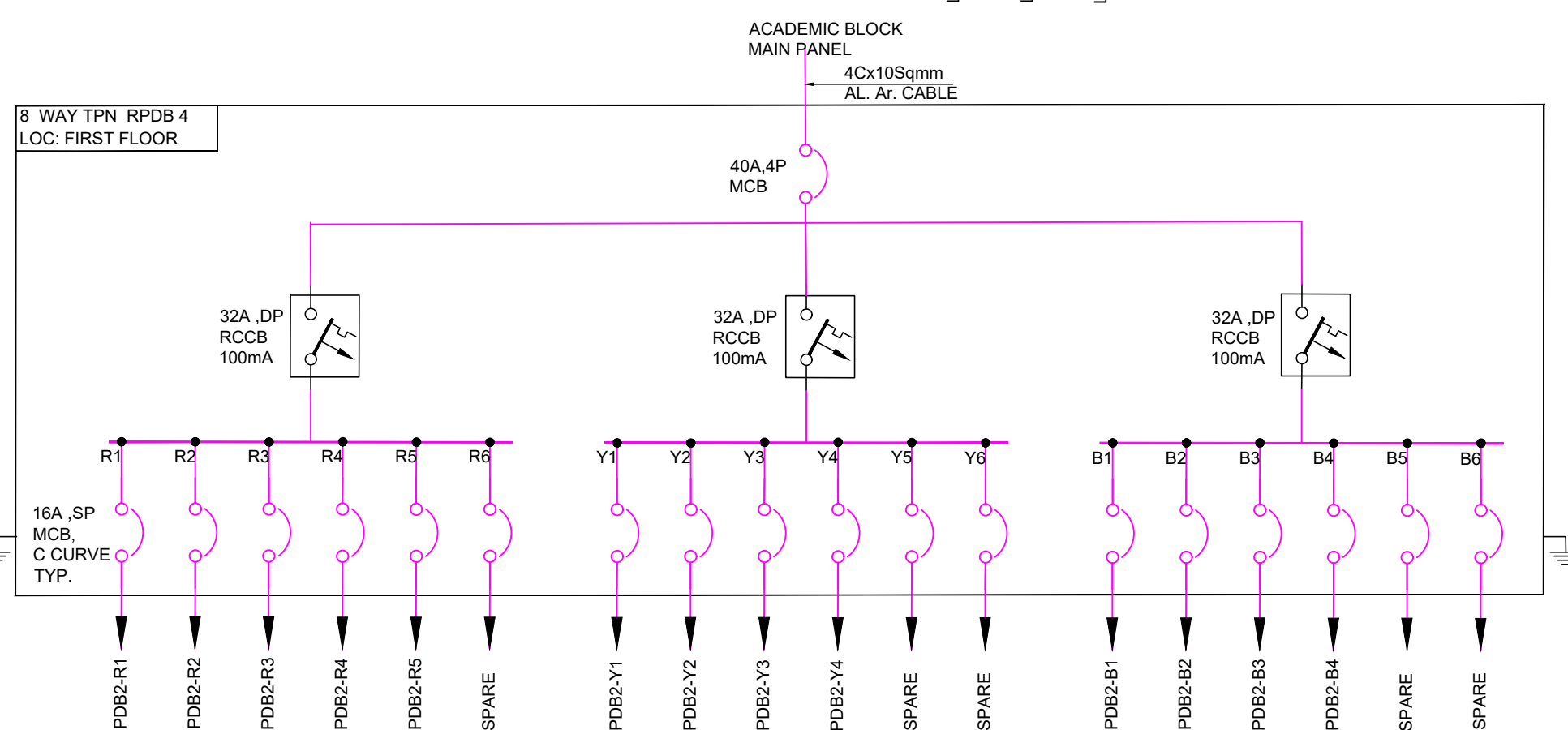
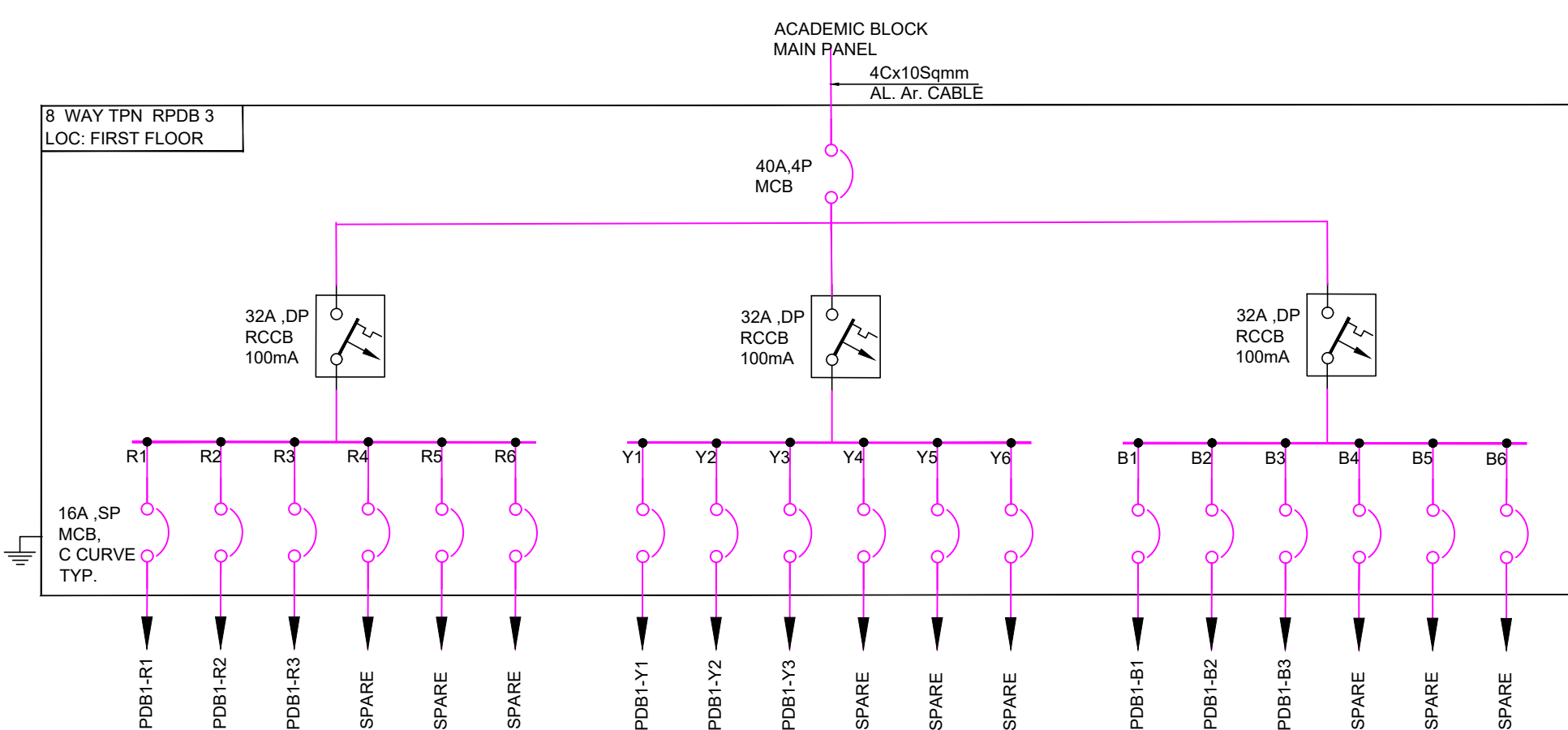




LGF



GF



1F

KEYPLAN :-

ISSUALS

REVISIONS

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-

DCOOP

ARCHITECTURE.DESIGN.RESEARCH

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Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

DRAWING TITLE :-

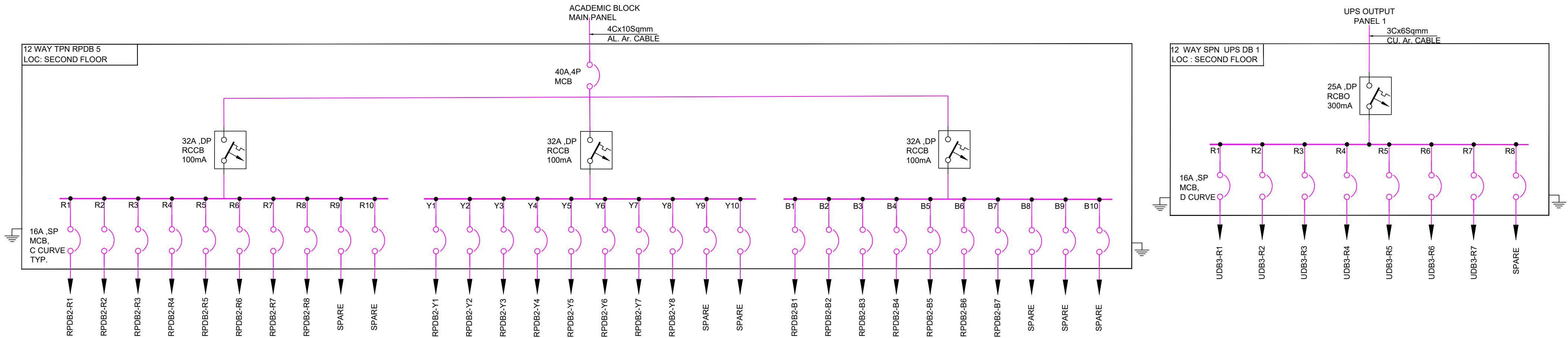
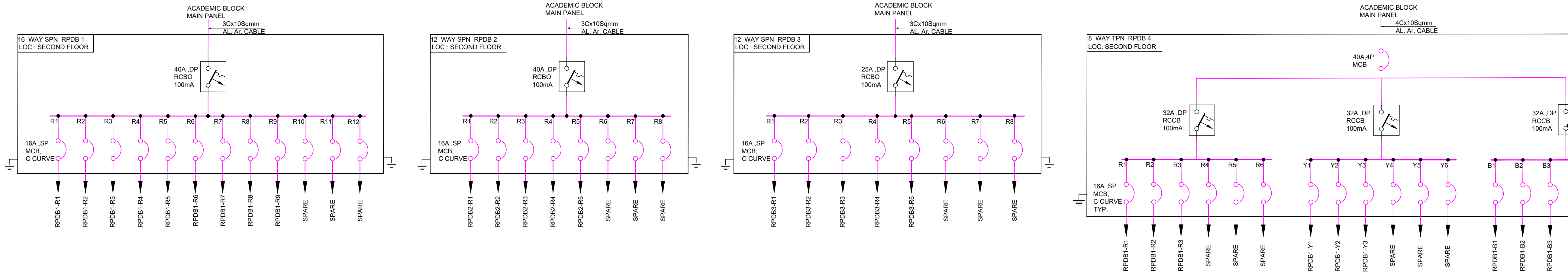
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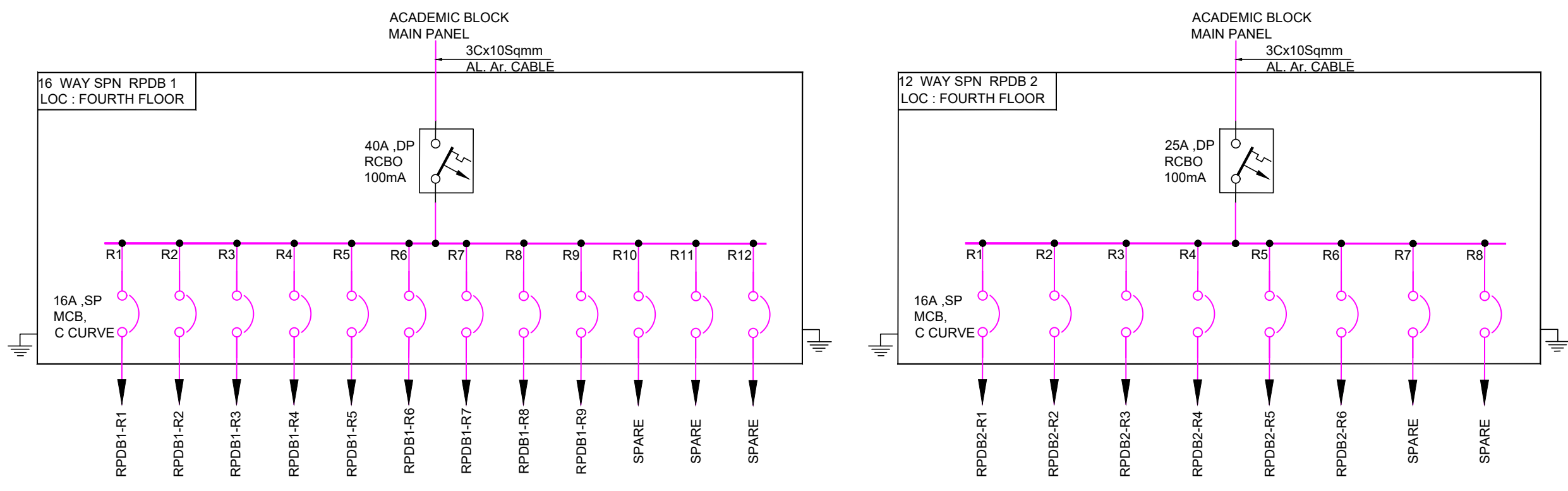
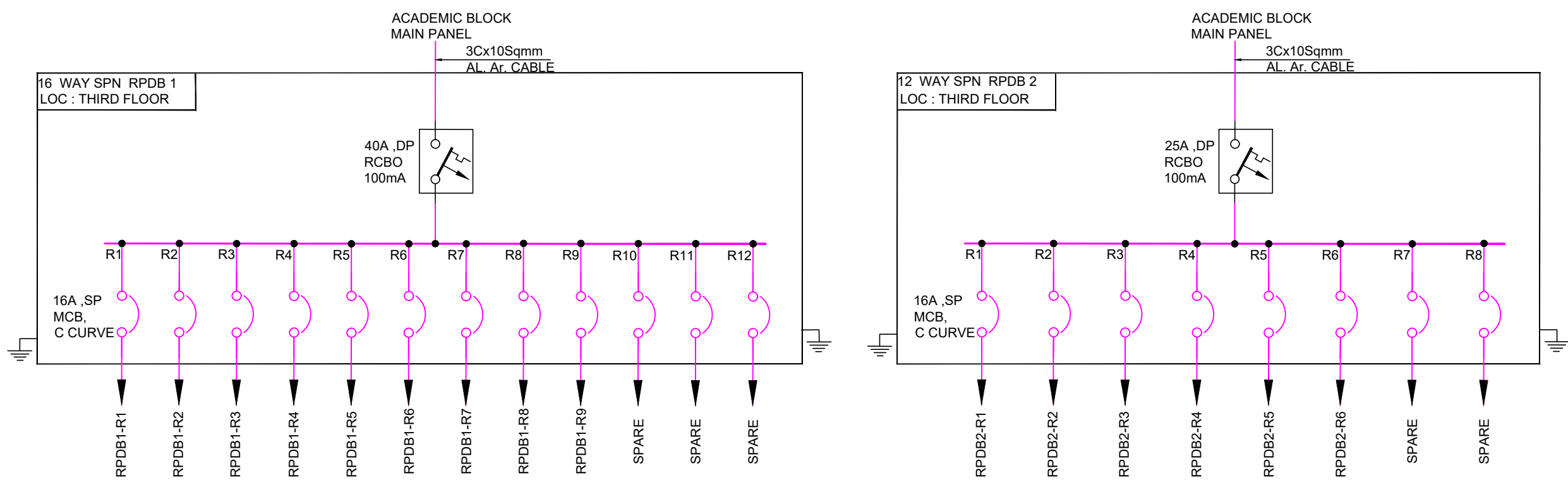
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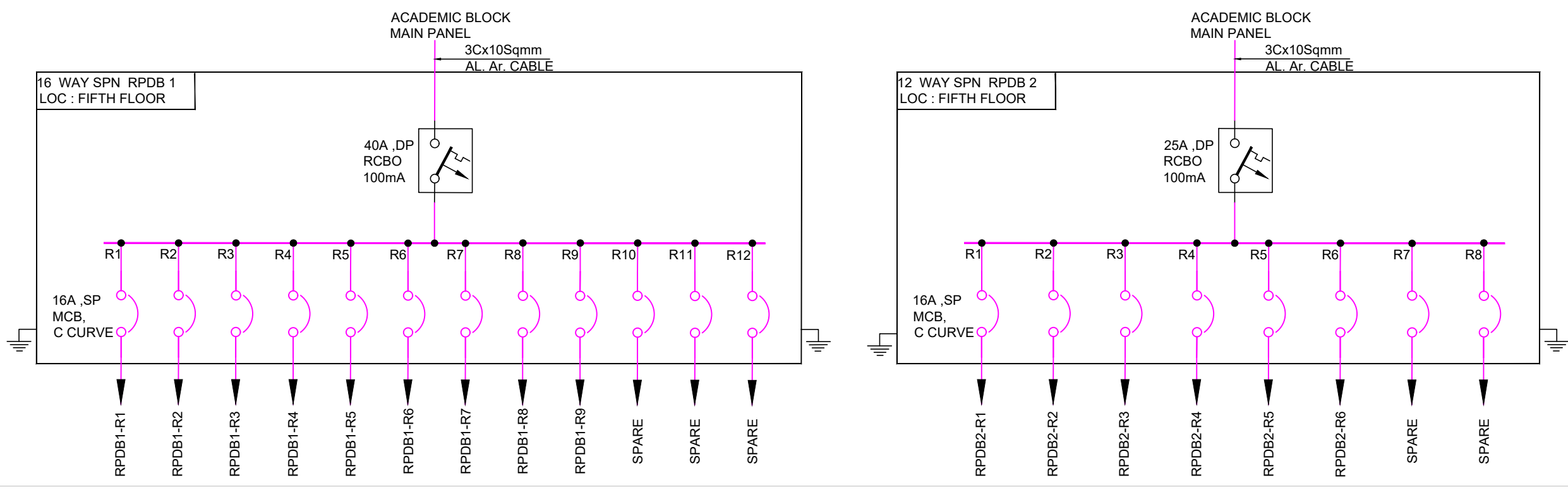
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3F



4F



5F

KEYPLAN :-

ISSUALS

REVISIONS

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-

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ARCHITECTURE.DESIGN.RESEARCH

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Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

DRAWING TITLE :-

DB DETAILS

PHASE	:	BLOCK	:	SCALE	:
DESIGNED	:	RS	:	DATE	:
DRAWN	:	RS	:	APPROVED	:
CHECKED	:	MEGHANA	:	SHEET	:
DWG NO	:	TD-E-PWR-DB-202	:	REV NO:	:
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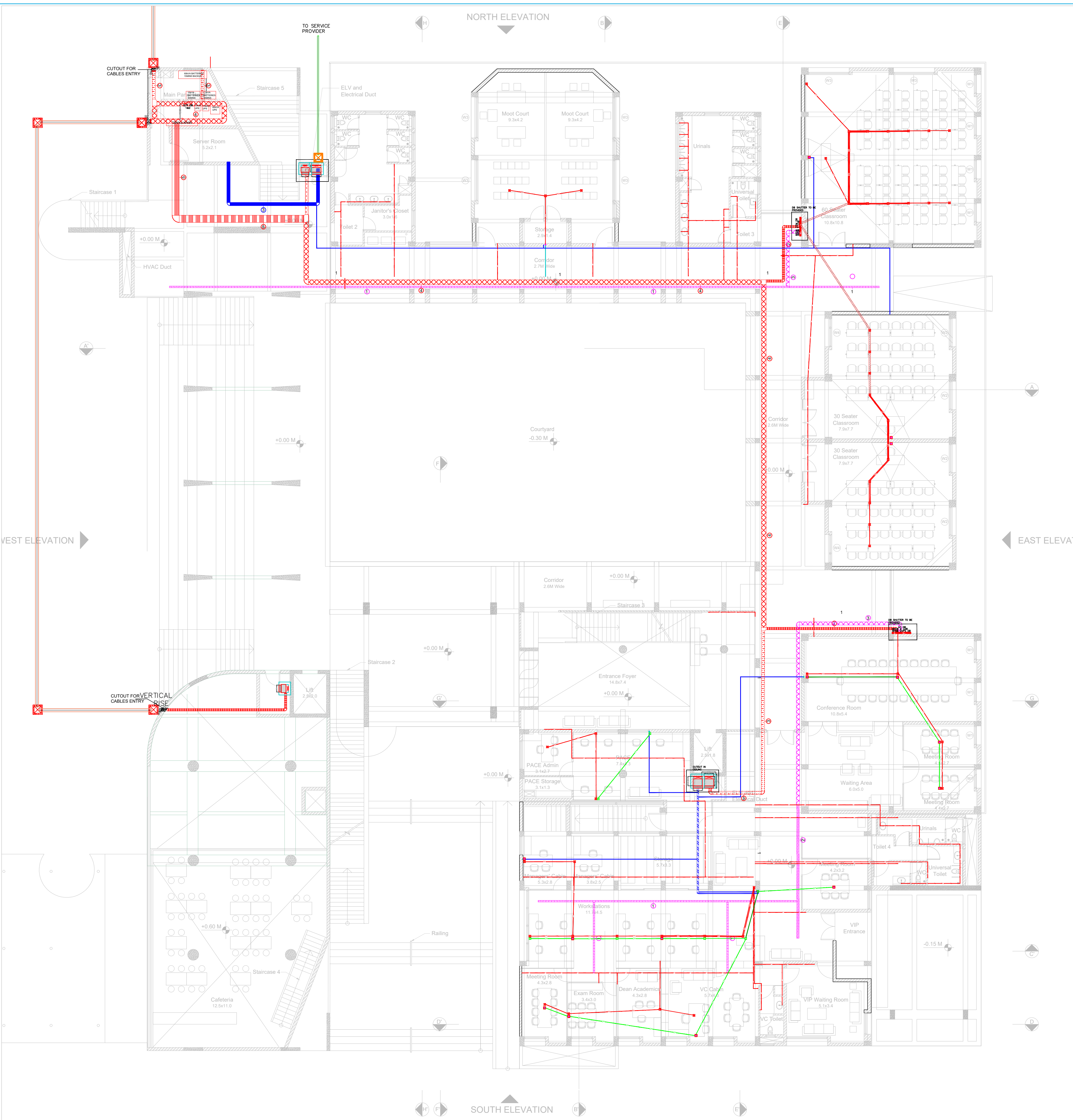


# **ELECTRICAL TENDER DRAWINGS - FLOOR RACEWAY**

**OAB REDEVELOPMENT, NLSIU, BENGALURU**

Dec 2024





DATA FLOOR RACEWAY-LEGEND		
NO	SYMBOL	SERVICE DESCRIPTION
01		DATA 100x40mm GI FLOOR RACEWAY
02		DATA 150x40mm GI FLOOR RACEWAY
03		DATA 200x40mm GI FLOOR RACEWAY
04		DATA 300x40mm GI FLOOR RACEWAY
05		DATA 450x40mm GI FLOOR RACEWAY
06		DATA 125x125x50mm GI JUNCTION BOX
07		DATA 175x175x50mm GI JUNCTION BOX
08		DATA 225x225x50mm GI JUNCTION BOX
09		DATA 325x325x50mm GI JUNCTION BOX
10		DATA 32MMø FLOOR DATA CONDUIT
11		DATA 25MMø FLOOR DATA CONDUIT

ELECTRICAL FLOOR RACEWAY-LEGEND		
NO	SYMBOL	SERVICE DESCRIPTION
01		EB 100x40mm GI FLOOR RACEWAY
02		EB 150x40mm GI FLOOR RACEWAY
03		EB 200x40mm GI FLOOR RACEWAY
04		EB 300x40mm GI FLOOR RACEWAY
05		EB 450x40mm GI FLOOR RACEWAY
06		EB 125x125x50mm GI JUNCTION BOX
07		EB 175x175x50mm GI JUNCTION BOX
08		EB 225x225x50mm GI JUNCTION BOX
09		EB 325x325x50mm GI JUNCTION BOX
10		EB 32MMø FLOOR POWER CONDUIT
11		EB 25MMø FLOOR POWER CONDUIT

KEYPLAN :-

ISSUALS

R0	TENDER STAGE	11.12.2024	RS
REVISIONS			

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-

**DCOOP**  
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UNIT NO. 109, 1ST FLOOR, SWASTIK CHAMBERS,  
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Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

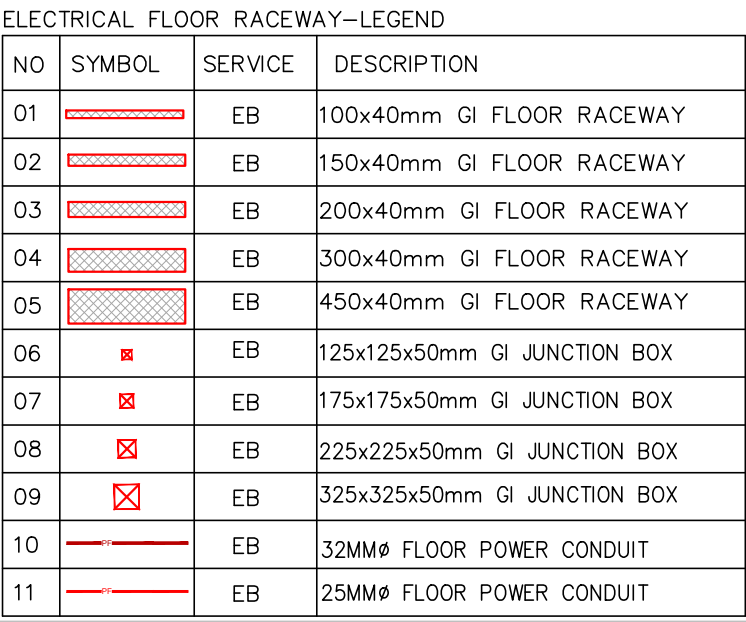
DRAWING TITLE :-

GROUND FLOOR FLOOR  
RACEWAY LAYOUT

PHASE	:	BLOCK	:	SCALE	:
DESIGNED	:	RS	:	DATE	:
DRAWN	:	RS	:	DATE	:
CHECKED	:	MEGHANA	:	APPROVED	:
	:		:	MEGHANA	:
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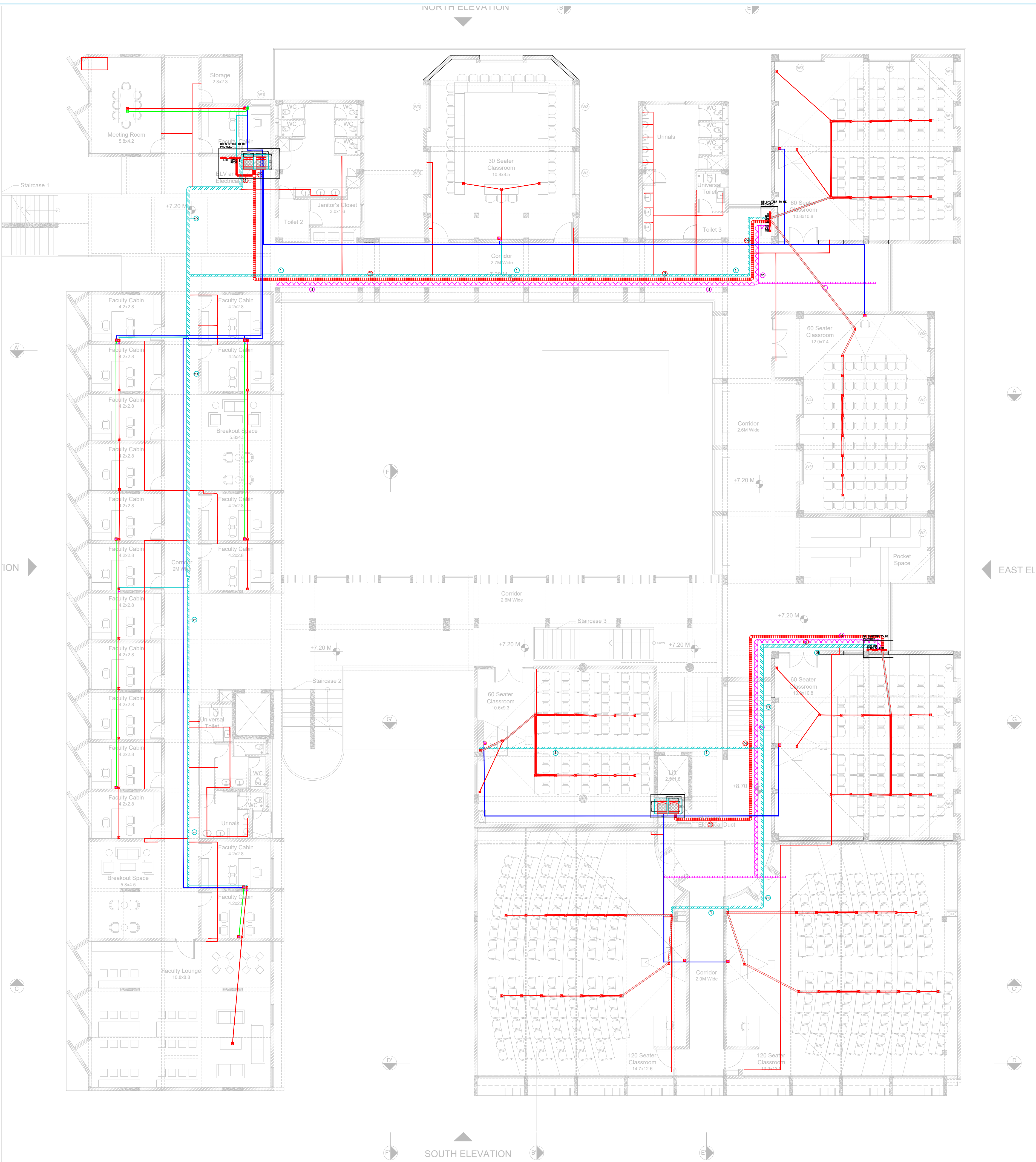
DWG NO : TD-E-FRW-201  
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DATA FLOOR RACEWAY-LEGEND		
NO	SYMBOL	SERVICE DESCRIPTION
01		DATA 100x40mm GI FLOOR RACEWAY
02		DATA 150x40mm GI FLOOR RACEWAY
03		DATA 200x40mm GI FLOOR RACEWAY
04		DATA 300x40mm GI FLOOR RACEWAY
05		DATA 450x40mm GI FLOOR RACEWAY
06		DATA 125x125x50mm GI JUNCTION BOX
07		DATA 175x175x50mm GI JUNCTION BOX
08		DATA 225x225x50mm GI JUNCTION BOX
09		DATA 325x325x50mm GI JUNCTION BOX
10		DATA 32MM# FLOOR DATA CONDUIT
11		DATA 25MM# FLOOR DATA CONDUIT

ELECTRICAL FLOOR RACEWAY-LEGEND		
NO	SYMBOL	SERVICE DESCRIPTION
01		EB 100x40mm GI FLOOR RACEWAY
02		EB 150x40mm GI FLOOR RACEWAY
03		EB 200x40mm GI FLOOR RACEWAY
04		EB 300x40mm GI FLOOR RACEWAY
05		EB 450x40mm GI FLOOR RACEWAY
06		EB 125x125x50mm GI JUNCTION BOX
07		EB 175x175x50mm GI JUNCTION BOX
08		EB 225x225x50mm GI JUNCTION BOX
09		EB 325x325x50mm GI JUNCTION BOX
10		EB 32MM# FLOOR POWER CONDUIT
11		EB 25MM# FLOOR POWER CONDUIT

KEYPLAN :-

ISSUALS

R0	TENDER STAGE	11.12.2024	RS
REVISIONS			

OWNER'S NAME :-

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Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

DRAWING TITLE :-

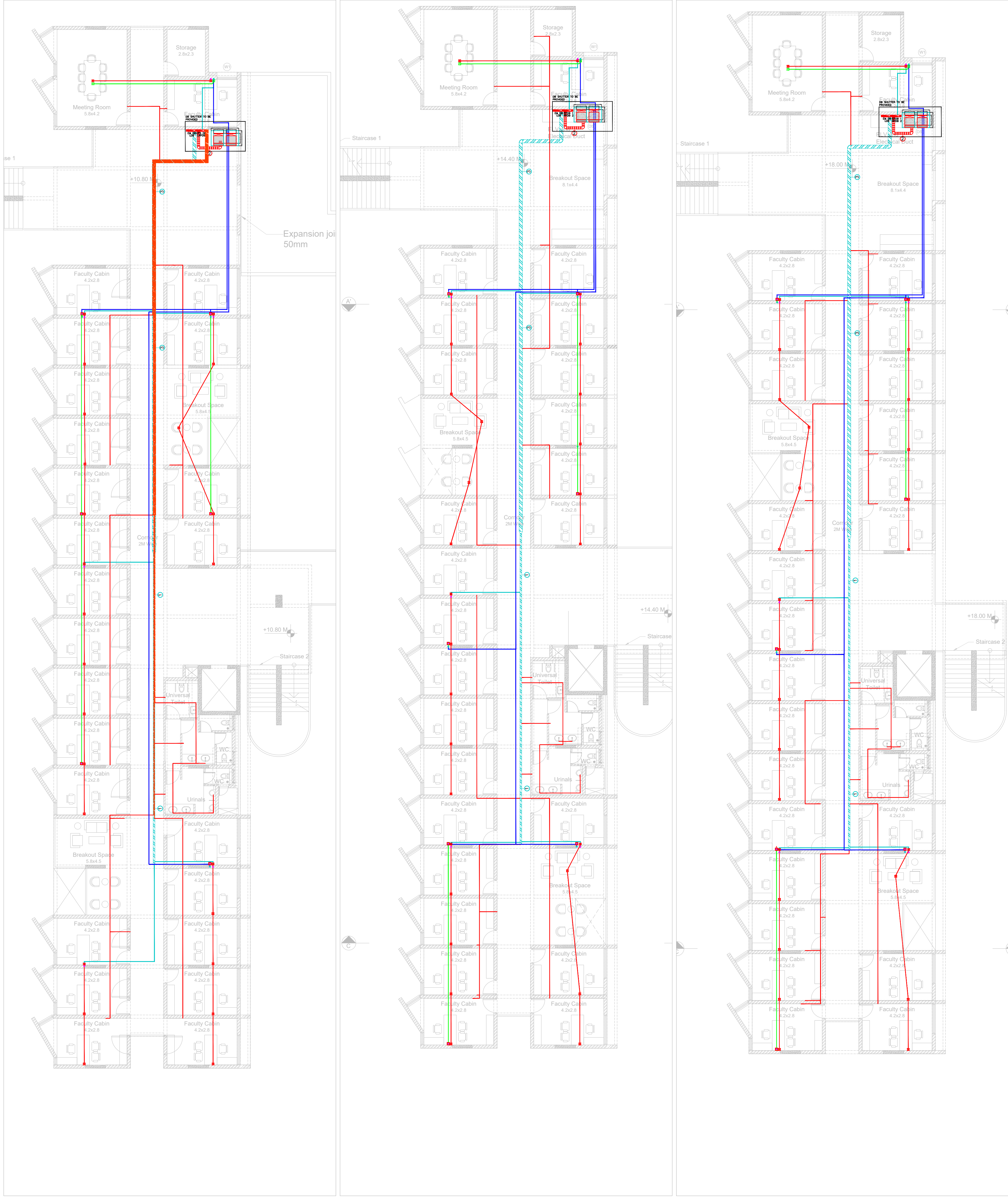
SECOND FLOOR FLOOR  
RACEWAY LAYOUT

PHASE	:	BLOCK	:	SCALE	:
DESIGNED	:	RS	:	DATE	:
DRAWN	:	RS	:	APPROVED	:
CHECKED	:	MEGHANA	:	SHEET	:
				A1	R1

DWG NO : TD-E-FRW-203

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DATA FLOOR RACEWAY-LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		DATA	100x40mm GI FLOOR RACEWAY
02		DATA	150x40mm GI FLOOR RACEWAY
03		DATA	200x40mm GI FLOOR RACEWAY
04		DATA	300x40mm GI FLOOR RACEWAY
05		DATA	450x40mm GI FLOOR RACEWAY
06		DATA	125x125x50mm GI JUNCTION BOX
07		DATA	175x175x50mm GI JUNCTION BOX
08		DATA	225x225x50mm GI JUNCTION BOX
09		DATA	325x325x50mm GI JUNCTION BOX
10		DATA	32MMø FLOOR DATA CONDUIT
11		DATA	25MMø FLOOR DATA CONDUIT

ELECTRICAL FLOOR RACEWAY-LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		EB	100x40mm GI FLOOR RACEWAY
02		EB	150x40mm GI FLOOR RACEWAY
03		EB	200x40mm GI FLOOR RACEWAY
04		EB	300x40mm GI FLOOR RACEWAY
05		EB	450x40mm GI FLOOR RACEWAY
06		EB	125x125x50mm GI JUNCTION BOX
07		EB	175x175x50mm GI JUNCTION BOX
08		EB	225x225x50mm GI JUNCTION BOX
09		EB	325x325x50mm GI JUNCTION BOX
10		EB	32MMø FLOOR POWER CONDUIT
11		EB	25MMø FLOOR POWER CONDUIT

KEYPLAN :-

ISSUALS

R0	TENDER STAGE	11.12.2024	RS
REVISIONS			

OWNER'S NAME :-

CLIENT :-

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PROJECT ARCHITECT:-

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Gurappanapalya, BTM 1st stage ,Bannerghita road ,Bangalore-560 029.  
Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

DRAWING TITLE :-

THIRD,FOURTH,FIFTH FLOOR  
FLOOR RACEWAY LAYOUT

PHASE	:	BLOCK	:	SCALE	:
DESIGNED	:	RS	:	DATE	:
DRAWN	:	RS	:	APPROVED	:
CHECKED	:	MEGHANA	:	SHEET	:
DWG NO	:	TD-E-FRW-204	:	REV NO:	:
					R1

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# **ELECTRICAL TENDER DRAWINGS - CEILING RACEWAY**

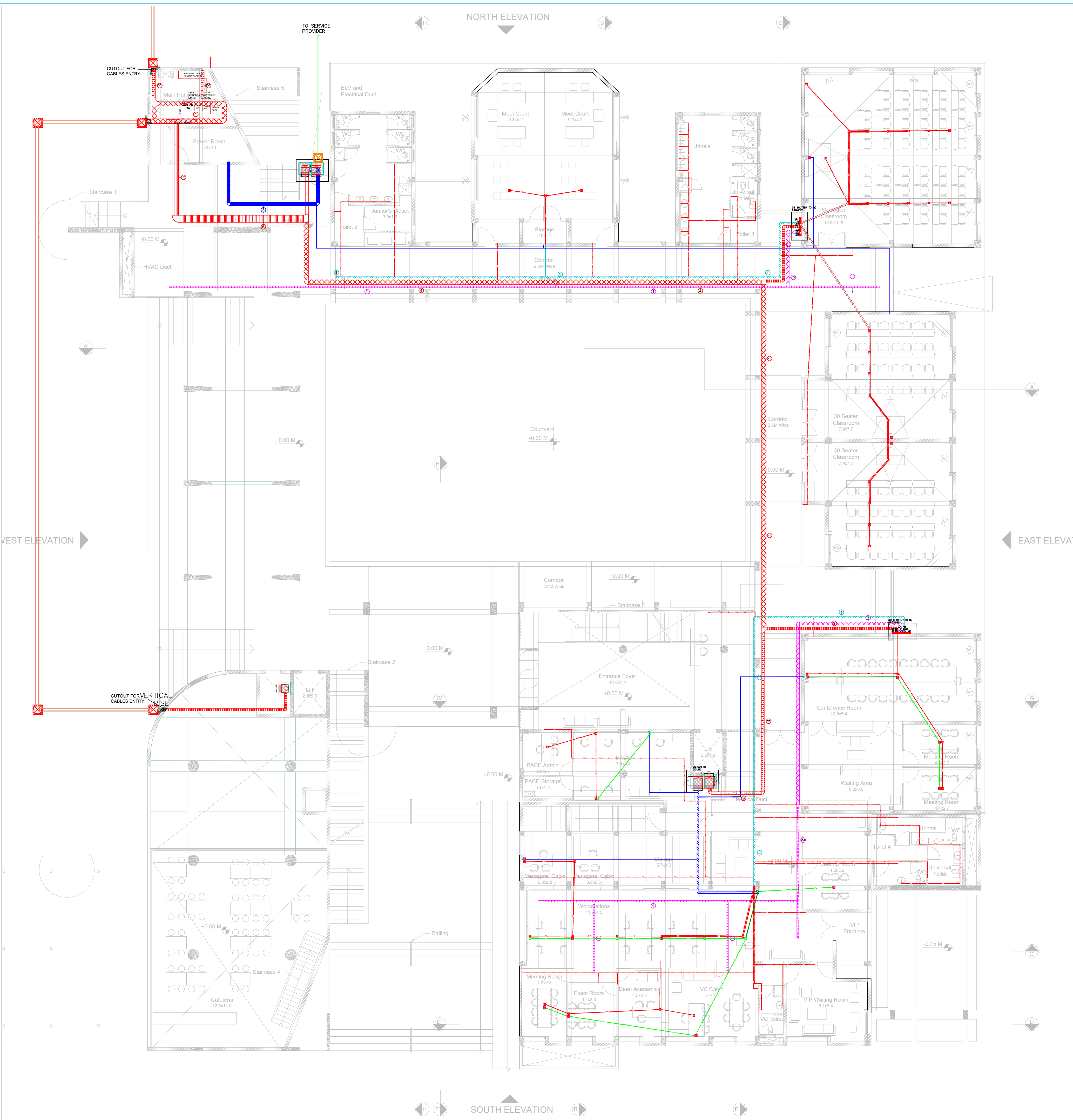
**OAB REDEVELOPMENT, NLSIU, BENGALURU**

Dec 2024









ELECTRICAL CABLE TRAY—LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		EB	100x50mm PERFORATED TYPE CABLE TRAY
02		EB	150x50mm PERFORATED TYPE CABLE TRAY
03		EB	200x50mm PERFORATED TYPE CABLE TRAY
04		EB	300x50mm PERFORATED TYPE CABLE TRAY
05		EB	450x50mm PERFORATED TYPE CABLE TRAY
06		EB	600x50mm PERFORATED TYPE CABLE TRAY
07		EB	750x50mm PERFORATED TYPE CABLE TRAY

LIGHTING CABLE TRAY—LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		LIGHTING	100x50mm PERFORATED TYPE CABLE TRAY
02		LIGHTING	150x50mm PERFORATED TYPE CABLE TRAY
03		LIGHTING	200x50mm PERFORATED TYPE CABLE TRAY
04		LIGHTING	300x50mm PERFORATED TYPE CABLE TRAY
05		LIGHTING	450x50mm PERFORATED TYPE CABLE TRAY

ELECTRICAL CEILING RACEWAY—LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		EB	100x40mm GI CEILING RACEWAY
02		EB	150x40mm GI CEILING RACEWAY
03		EB	200x40mm GI CEILING RACEWAY
04		EB	300x40mm GI CEILING RACEWAY
05		EB	450x40mm GI CEILING RACEWAY
06		EB	32MMØ CEILING POWER CONDUIT
07		EB	25MMØ CEILING POWER CONDUIT

DATA CEILING RACEWAY—LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		EB	100x40mm GI CEILING RACEWAY
02		EB	150x40mm GI CEILING RACEWAY
03		EB	200x40mm GI CEILING RACEWAY
04		EB	300x40mm GI CEILING RACEWAY
05		EB	450x40mm GI CEILING RACEWAY
06		EB	32MMØ CEILING DATA CONDUIT
07		EB	25MMØ CEILING DATA CONDUIT

KEYPLAN :-

ISSUALS

R0

TENDER STAGE

11.12.2024

RS

REVISIONS

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-  
DCOOP  
ARCHITECTURE.DESIGN.RESEARCH  
UNIT NO. 109, 1ST FLOOR, SWASTIK CHAMBERS,  
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Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

DRAWING TITLE :-

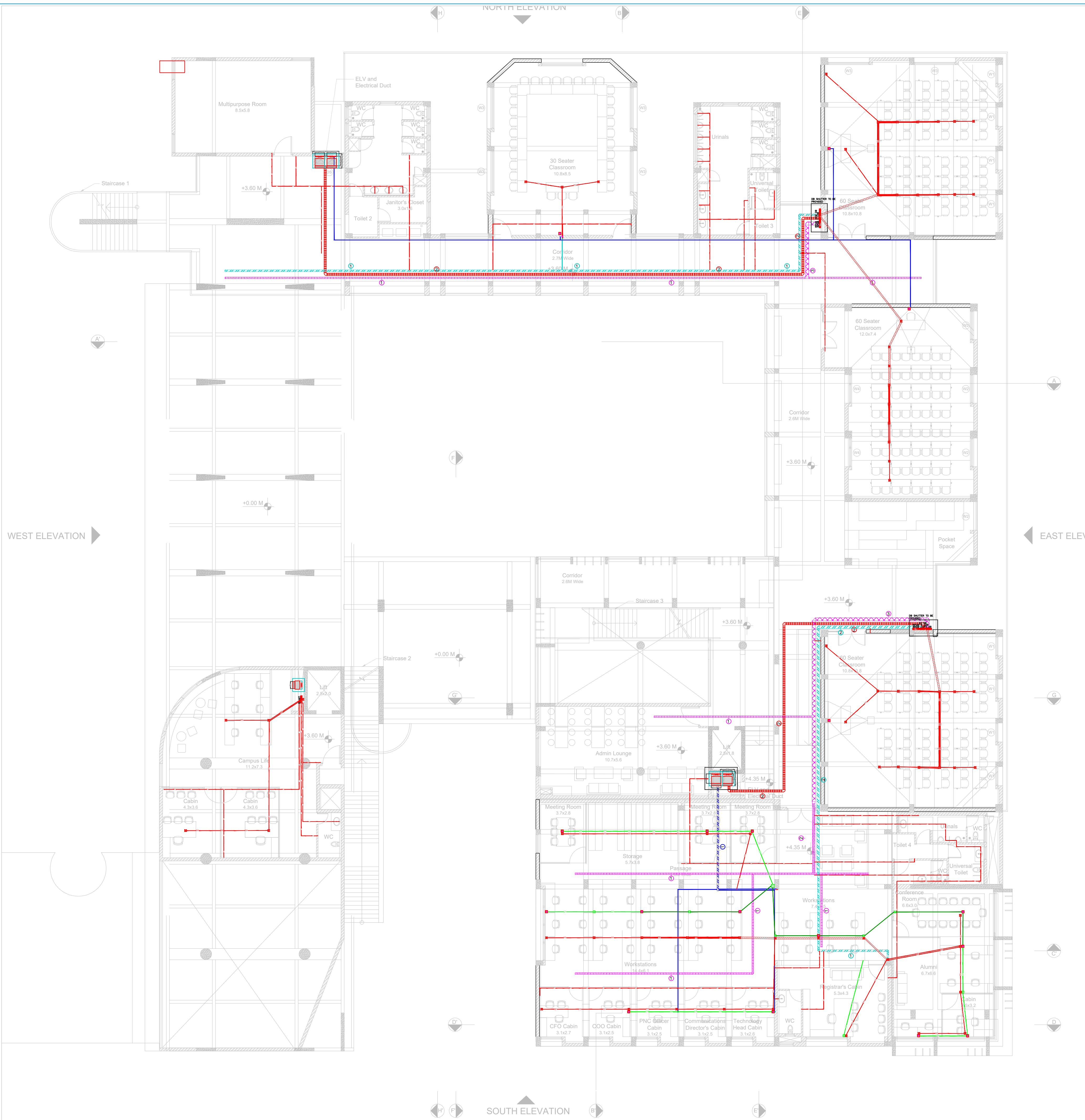
GROUND FLOOR CEILING  
RACEWAY LAYOUT

PHASE	:	BLOCK	:	SCALE	:			
DESIGNED	:	RS	:	DATE	:	11.12.2024	:	1:125
DRAWN	:	RS	:	APPROVED	:	MEGHANA	:	REV NO:
CHECKED	:	MEGHANA	:	SHEET	:	A1	:	R1

DWG NO : TD-E-CRW-202

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ELECTRICAL CABLE TRAY--LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		EB	100x50mm PERFORATED TYPE CABLE TRAY
02		EB	150x50mm PERFORATED TYPE CABLE TRAY
03		EB	200x50mm PERFORATED TYPE CABLE TRAY
04		EB	300x50mm PERFORATED TYPE CABLE TRAY
05		EB	450x50mm PERFORATED TYPE CABLE TRAY
06		EB	600x50mm PERFORATED TYPE CABLE TRAY
07		EB	750x50mm PERFORATED TYPE CABLE TRAY

LIGHTING CABLE TRAY--LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		LIGHTING	100x50mm PERFORATED TYPE CABLE TRAY
02		LIGHTING	150x50mm PERFORATED TYPE CABLE TRAY
03		LIGHTING	200x50mm PERFORATED TYPE CABLE TRAY
04		LIGHTING	300x50mm PERFORATED TYPE CABLE TRAY
05		LIGHTING	450x50mm PERFORATED TYPE CABLE TRAY

ELECTRICAL CEILING RACEWAY--LEGEND		
NO	SYMBOL	SERVICE DESCRIPTION
01		EB 100x40mm GI CEILING RACEWAY
02		EB 150x40mm GI CEILING RACEWAY
03		EB 200x40mm GI CEILING RACEWAY
04		EB 300x40mm GI CEILING RACEWAY
05		EB 450x40mm GI CEILING RACEWAY
06		EB 32MMØ CEILING POWER CONDUIT
07		EB 25MMØ CEILING POWER CONDUIT

DATA CEILING RACEWAY--LEGEND		
NO	SYMBOL	SERVICE DESCRIPTION
01		EB 100x40mm GI CEILING RACEWAY
02		EB 150x40mm GI CEILING RACEWAY
03		EB 200x40mm GI CEILING RACEWAY
04		EB 300x40mm GI CEILING RACEWAY
05		EB 450x40mm GI CEILING RACEWAY
06		EB 32MMØ CEILING DATA CONDUIT
07		EB 25MMØ CEILING DATA CONDUIT

KEYPLAN :-

ISSUALS

R0

TENDER STAGE

11.12.2024

RS

REVISIONS

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-  
DCOOP  
ARCHITECTURE.DESIGN.RESEARCH  
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Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

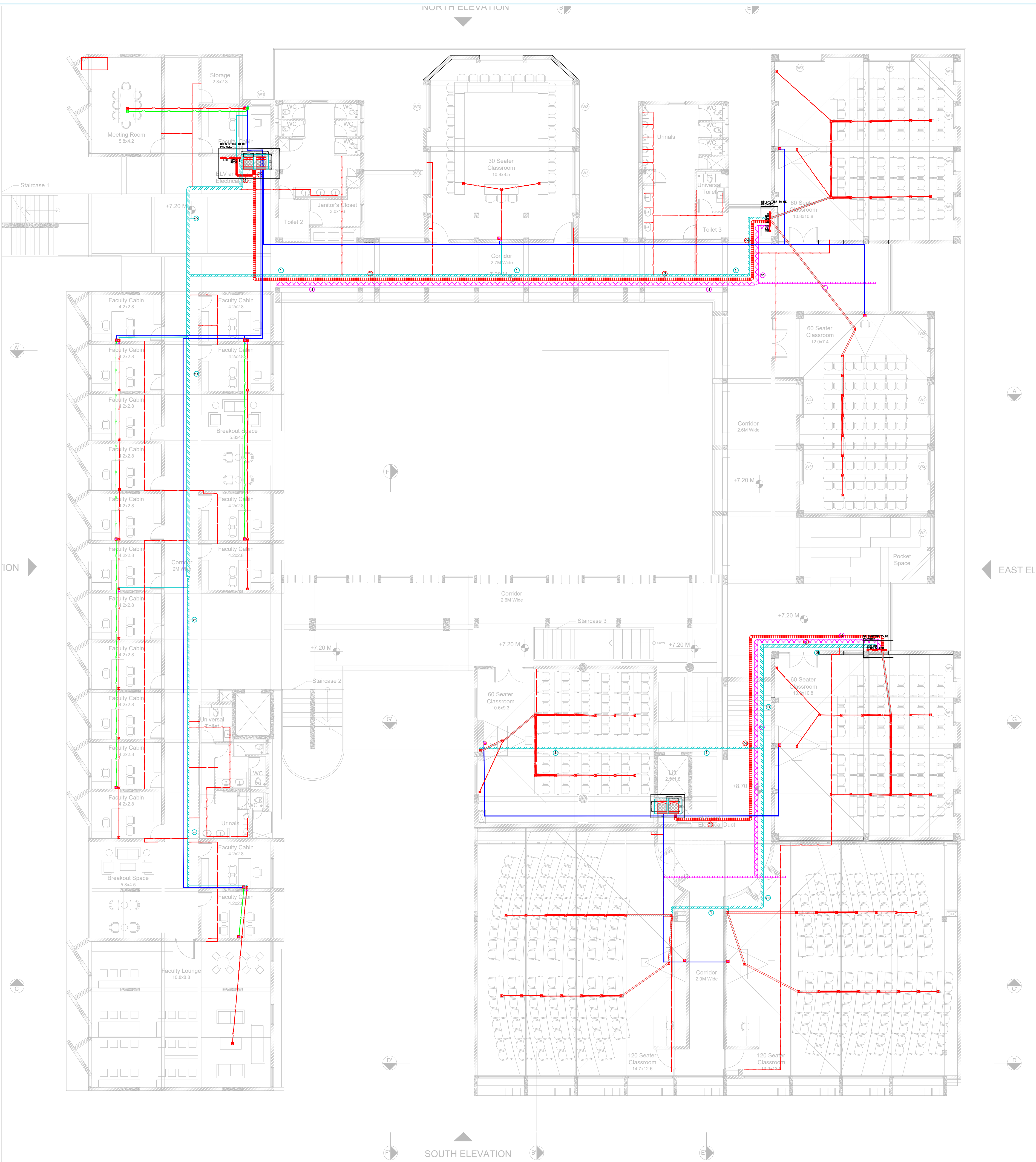
DRAWING TITLE :-

FIRST FLOOR CEILING RACEWAY  
LAYOUT

PHASE	:	BLOCK	:	SCALE	:			
DESIGNED	:	RS	:	DATE	:	11.12.2024	:	1:125
DRAWN	:	RS	:	APPROVED	:	MEGHANA	:	REV NO:
CHECKED	:	MEGHANA	:	SHEET	:	A1	:	R1

DWG NO : TD-E-CRW-203  
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ELECTRICAL CABLE TRAY—LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		EB	100x50mm PERFORATED TYPE CABLE TRAY
02		EB	150x50mm PERFORATED TYPE CABLE TRAY
03		EB	200x50mm PERFORATED TYPE CABLE TRAY
04		EB	300x50mm PERFORATED TYPE CABLE TRAY
05		EB	450x50mm PERFORATED TYPE CABLE TRAY
06		EB	600x50mm PERFORATED TYPE CABLE TRAY
07		EB	750x50mm PERFORATED TYPE CABLE TRAY

LIGHTING CABLE TRAY—LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		LIGHTING	100x50mm PERFORATED TYPE CABLE TRAY
02		LIGHTING	150x50mm PERFORATED TYPE CABLE TRAY
03		LIGHTING	200x50mm PERFORATED TYPE CABLE TRAY
04		LIGHTING	300x50mm PERFORATED TYPE CABLE TRAY
05		LIGHTING	450x50mm PERFORATED TYPE CABLE TRAY

ELECTRICAL CEILING RACEWAY—LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		EB	100x40mm GI CEILING RACEWAY
02		EB	150x40mm GI CEILING RACEWAY
03		EB	200x40mm GI CEILING RACEWAY
04		EB	300x40mm GI CEILING RACEWAY
05		EB	450x40mm GI CEILING RACEWAY
06		EB	32MM# CEILING POWER CONDUIT
07		EB	25MM# CEILING POWER CONDUIT

DATA CEILING RACEWAY—LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		EB	100x40mm GI CEILING RACEWAY
02		EB	150x40mm GI CEILING RACEWAY
03		EB	200x40mm GI CEILING RACEWAY
04		EB	300x40mm GI CEILING RACEWAY
05		EB	450x40mm GI CEILING RACEWAY
06		EB	32MM# CEILING DATA CONDUIT
07		EB	25MM# CEILING DATA CONDUIT

KEYPLAN :-

ISSUALS

R0	TENDER STAGE	11.12.2024	RS
REVISIONS			

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-

**DCOOP**  
ARCHITECTURE.DESIGN.RESEARCH

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Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

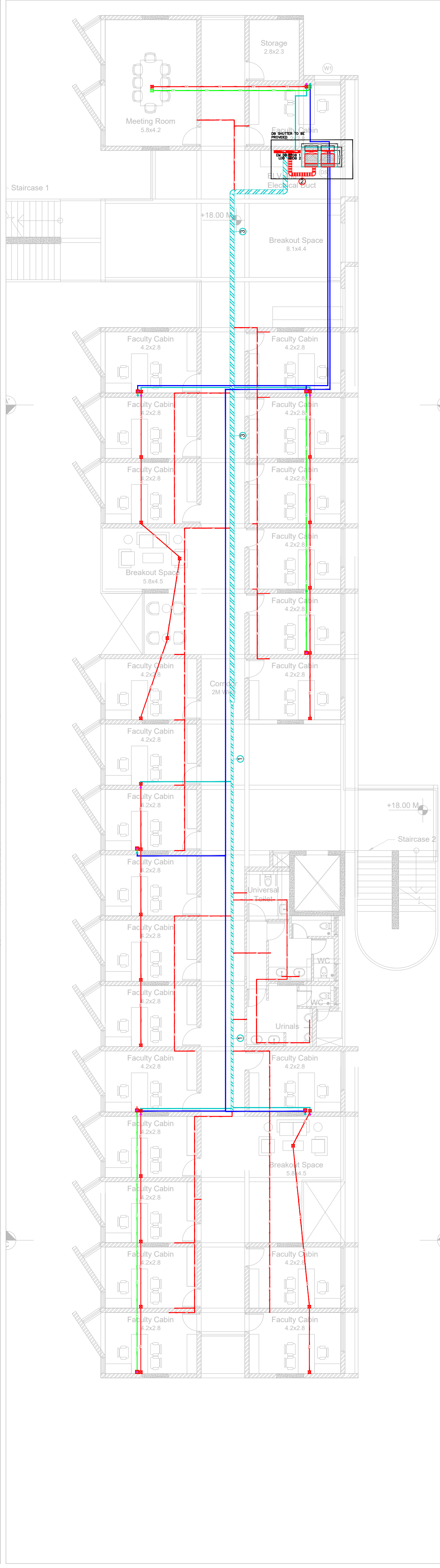
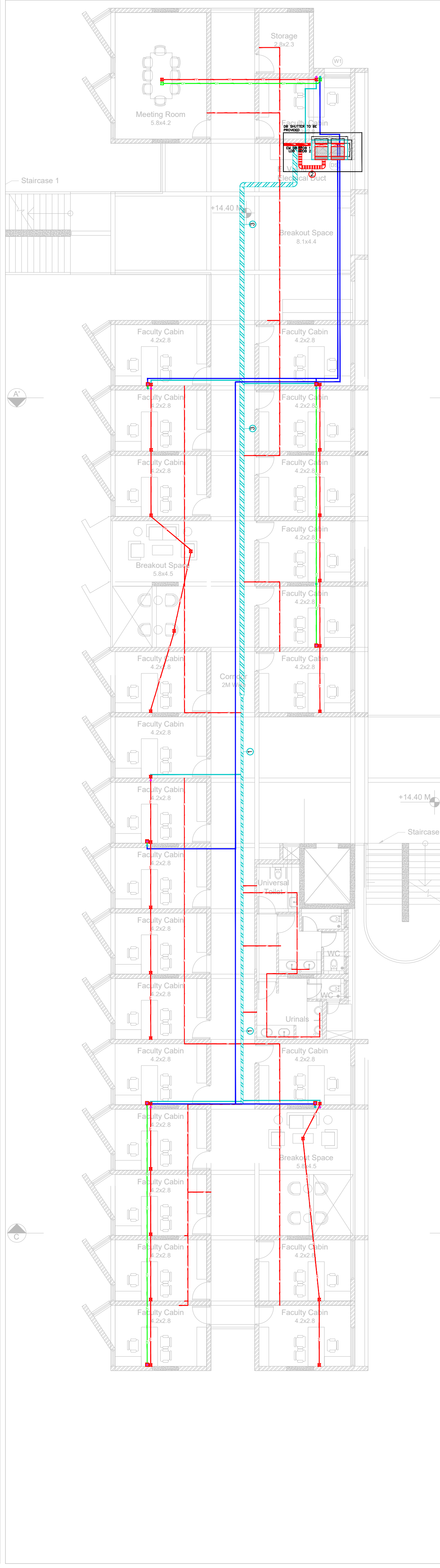
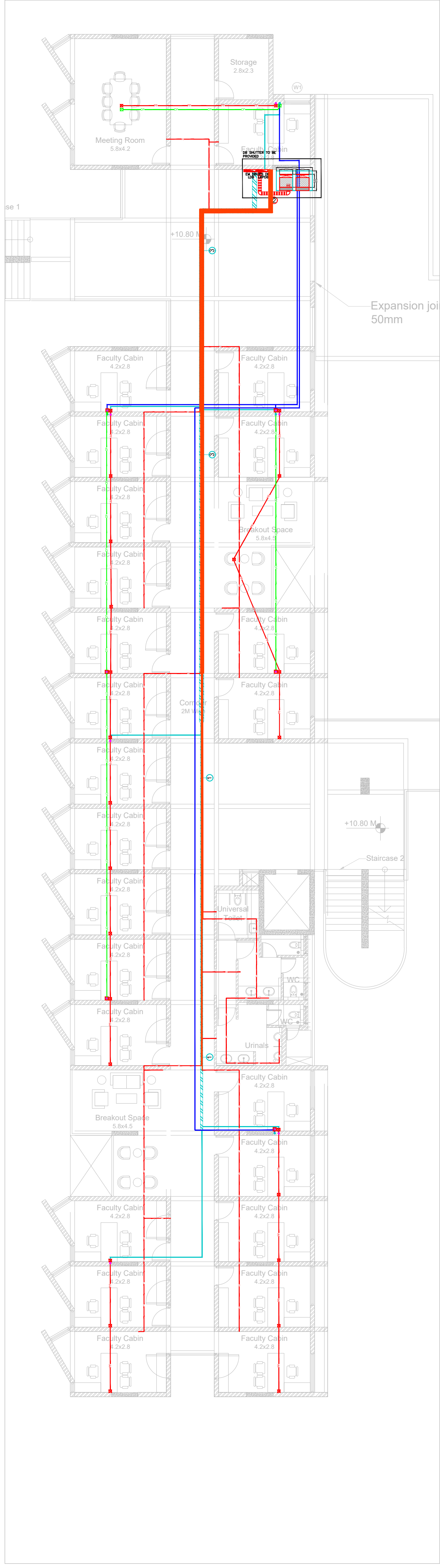
DRAWING TITLE :-

SECOND FLOOR CEILING  
RACEWAY LAYOUT

PHASE	:	BLOCK	:	SCALE	:
DESIGNED	:	RS	:	DATE	:
DRAWN	:	RS	:	APPROVED	:
CHECKED	:	MEGHANA	:	SHEET	:
DWG NO	:	TD-E-CRW-204	:	REV NO:	:
				R1	

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ELECTRICAL CABLE TRAY--LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		EB	100x50mm PERFORATED TYPE CABLE TRAY
02		EB	150x50mm PERFORATED TYPE CABLE TRAY
03		EB	200x50mm PERFORATED TYPE CABLE TRAY
04		EB	300x50mm PERFORATED TYPE CABLE TRAY
05		EB	450x50mm PERFORATED TYPE CABLE TRAY
06		EB	600x50mm PERFORATED TYPE CABLE TRAY
07		EB	750x50mm PERFORATED TYPE CABLE TRAY

LIGHTING CABLE TRAY--LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		LIGHTING	100x50mm PERFORATED TYPE CABLE TRAY
02		LIGHTING	150x50mm PERFORATED TYPE CABLE TRAY
03		LIGHTING	200x50mm PERFORATED TYPE CABLE TRAY
04		LIGHTING	300x50mm PERFORATED TYPE CABLE TRAY
05		LIGHTING	450x50mm PERFORATED TYPE CABLE TRAY

ELECTRICAL CEILING RACEWAY--LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		EB	100x40mm GI CEILING RACEWAY
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03		EB	200x40mm GI CEILING RACEWAY
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DATA CEILING RACEWAY--LEGEND			
NO	SYMBOL	SERVICE	DESCRIPTION
01		EB	100x40mm GI CEILING RACEWAY
02		EB	150x40mm GI CEILING RACEWAY
03		EB	200x40mm GI CEILING RACEWAY
04		EB	300x40mm GI CEILING RACEWAY
05		EB	450x40mm GI CEILING RACEWAY
06		EB	32MMØ CEILING DATA CONDUIT
07		EB	25MMØ CEILING DATA CONDUIT

KEYPLAN :-

ISSUALS

R0	TENDER STAGE	11.12.2024	RS
REVISIONS			

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-

**DCOOP**  
ARCHITECTURE.DESIGN.RESEARCH

UNIT NO. 109, 1ST FLOOR, SWASTIK CHAMBERS,  
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Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

DRAWING TITLE :-

THIRD,FOURTH,FIFTH FLOOR  
CEILING RACEWAY LAYOUT

PHASE	:	BLOCK	:	SCALE	:
DESIGNED	:	RS	:	DATE	:
DRAWN	:	RS	:	APPROVED	:
CHECKED	:	MEGHANA	:	SHEET	:
DWG NO	:	TD-E-CRW-205	:	REV NO:	:
					R1

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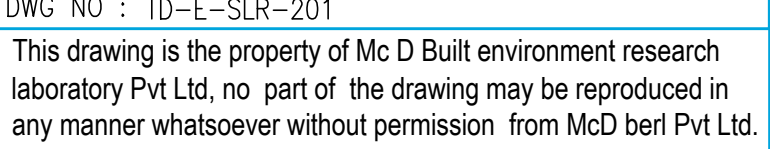


# **ELECTRICAL TENDER DRAWINGS - SOLAR LAYOUT**

**OAB REDEVELOPMENT, NLSIU, BENGALURU**

**Dec 2024**







# **ELECTRICAL TENDER DRAWINGS - CCTV LAYOUT**

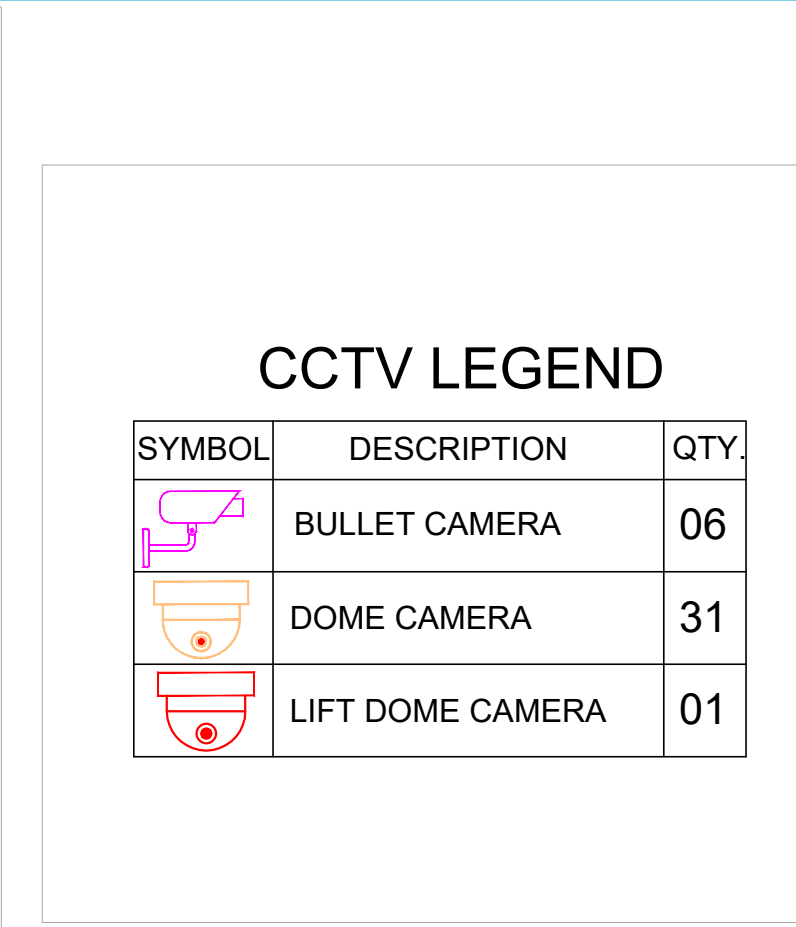
**OAB REDEVELOPMENT, NLSIU, BENGALURU**




Dec 2024









SYMBOL	DESCRIPTION	QTY.
	BULLET CAMERA	06
	DOME CAMERA	31
	LIFT DOME CAMERA	01

KEYPLAN :-

[illegible]

## ISSUALS

R0	TENDER STAGE	11.12.2024	RS

## REVISIONS

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-

DCOOP  
ARCHITECTURE.DESIGN.RESEARCH

UNIT NO. 109, 1ST FLOOR, SWASTIK CHAMBERS,  
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Ph:+91 80 41222020,URL: [www.mcdberl.com](http://www.mcdberl.com)

PROJECT TITLE :-

NLSIU BENGALURU

## TENDER STAGE

DRAWING TITLE :-

## GROUND FLOOR CCTV LAYOUT

PHASE :	BLOCK :	SCALE :
DESIGNED : RS	DATE : 11.12.2024	1:125
DRAWN : RS	APPROVED : MEGHANA	REV NO:
CHECKED : MEGHANA	SHEET : A1	R1

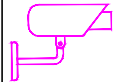


DWG NO : TD-E-CCTV-202

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### CCTV LEGEND

SYMBOL	DESCRIPTION	QTY.
	BULLET CAMERA	00
	DOME CAMERA	28
	LIFT DOME CAMERA	00

### KEYPLAN :-

### ISSUALS

### REVISIONS

### OWNER'S NAME :-

### CLIENT :-

NLSIU BENGALURU

### PROJECT ARCHITECT:-

**DCOOP**  
ARCHITECTURE DESIGN RESEARCH

UNIT NO. 109, 1ST FLOOR, SWASTIK CHAMBERS,  
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### OFFICE SEAL :-

### MEP & SUSTAINABILITY CONSULTANT :-



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Ph:+91 80 41222020,URL: www.mcdberl.com

### PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

### DRAWING TITLE :-

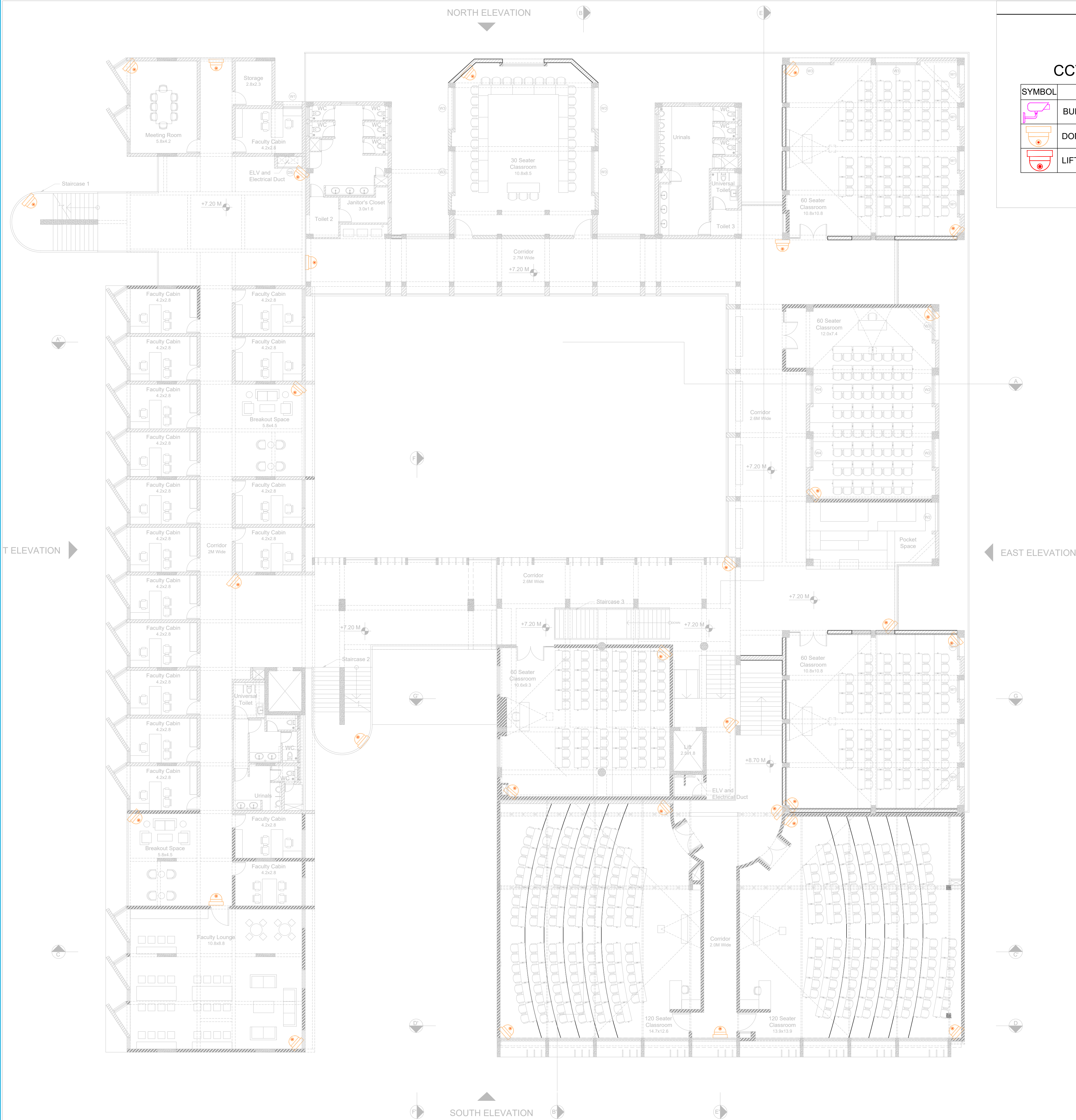
FIRST FLOOR  
CCTV LAYOUT

PHASE :	BLOCK :	SCALE :
DESIGNED : RS	DATE : 11.12.2024	1:125
DRAWN : RS	APPROVED : MEGHANA	REV NO:
CHECKED : MEGHANA	SHEET : A1	R1

DWG NO : TD-E-CCTV-203

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CCTV LEGEND

SYMBOL	DESCRIPTION	QTY.
	BULLET CAMERA	00
	DOME CAMERA	30
	LIFT DOME CAMERA	00

KEYPLAN :-

ISSUALS

R0	TENDER STAGE	11.12.2024	RS
----	--------------	------------	----

REVISIONS

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-

**DCOOP**  
ARCHITECTURE DESIGN RESEARCH

UNIT NO. 109, 1ST FLOOR, SWASTIK CHAMBERS,  
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No 12,Subramanya Arcade, Tower B , Opposite to Jalbhavan, Old  
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Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

DRAWING TITLE :-

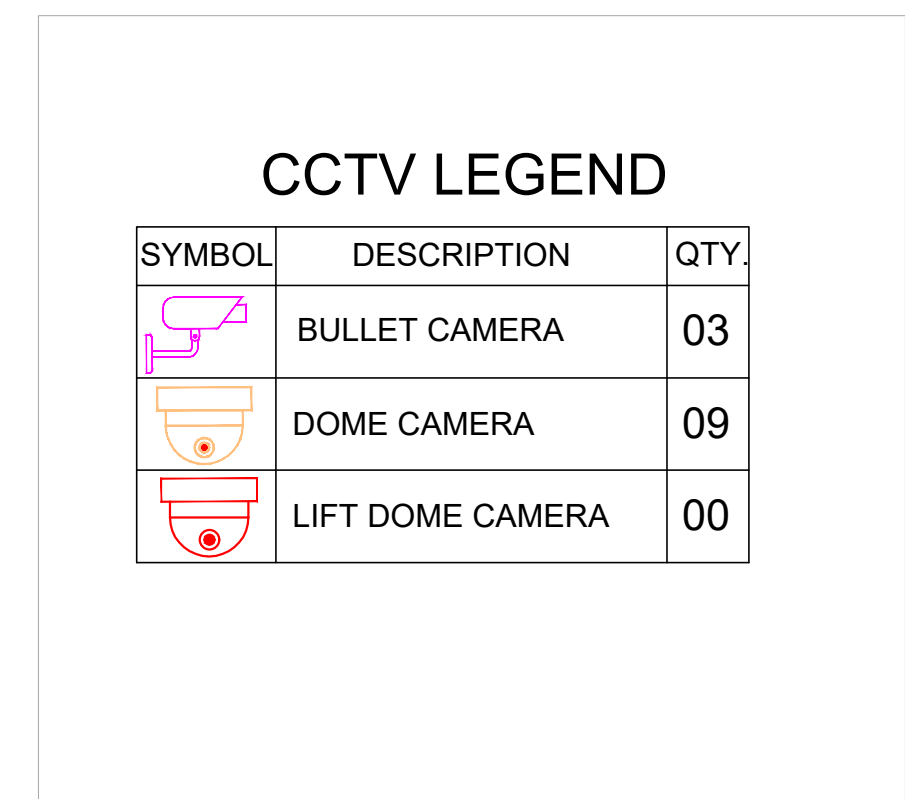
SECOND FLOOR  
CCTV LAYOUT

PHASE	:	BLOCK	:	SCALE	:
DESIGNED	:	RS	:	DATE	:
DRAWN	:	RS	:	DATE	:
CHECKED	:	MEGHANA	:	APPROVED	:
	:		:	MEGHANA	:
	:		:	SHEET	:
	:		:	A1	:
	:		:	REV NO:	:
	:		:	R1	:

DWG NO : TD-E-CCTV-204

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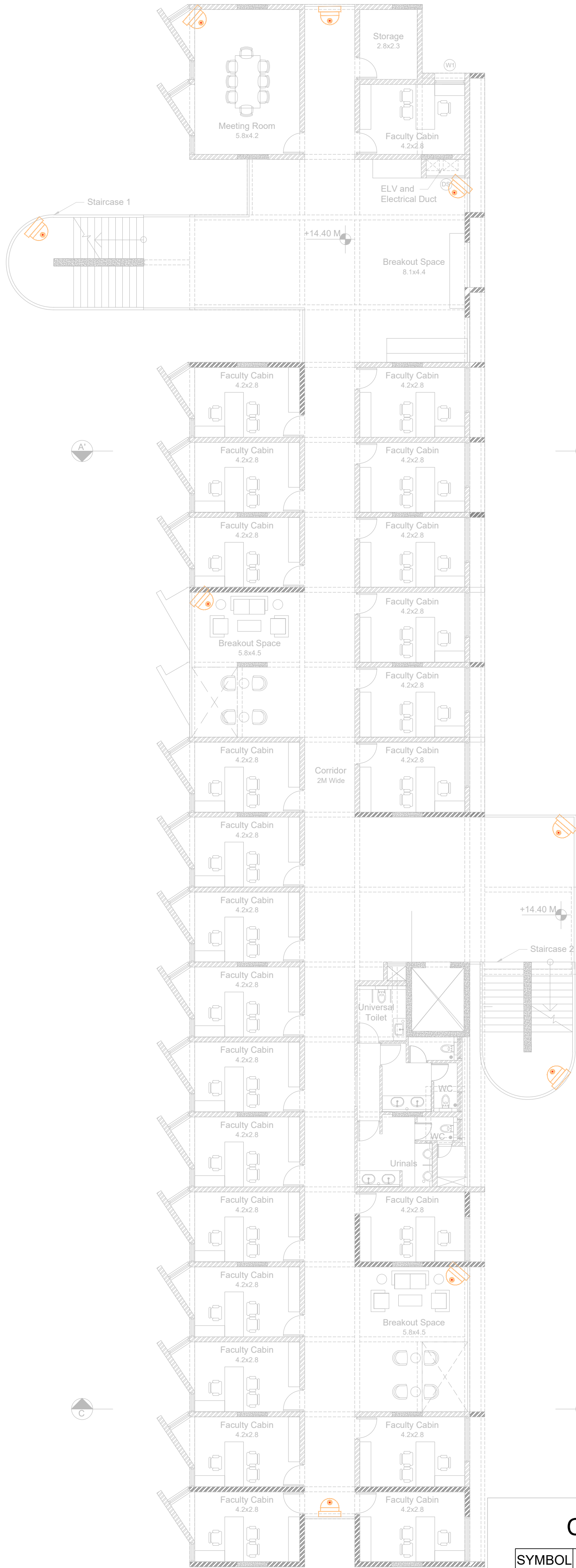




DWG NO : TD-E-CCTV-205

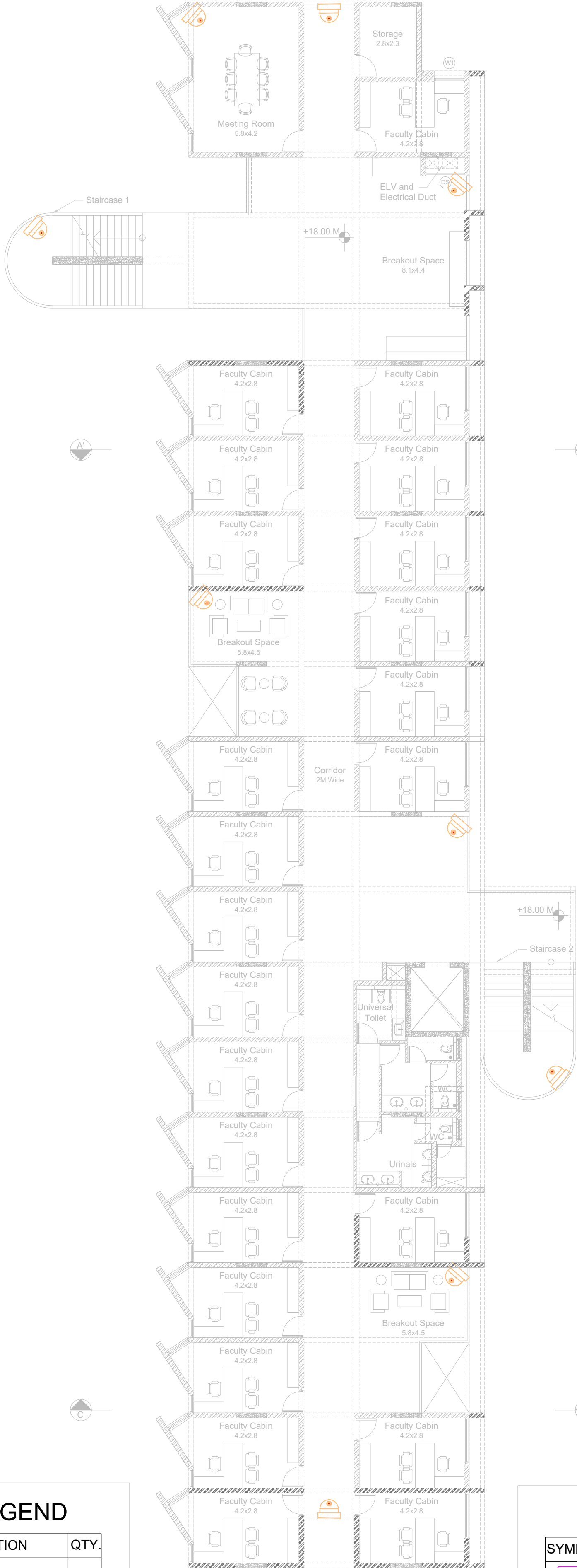
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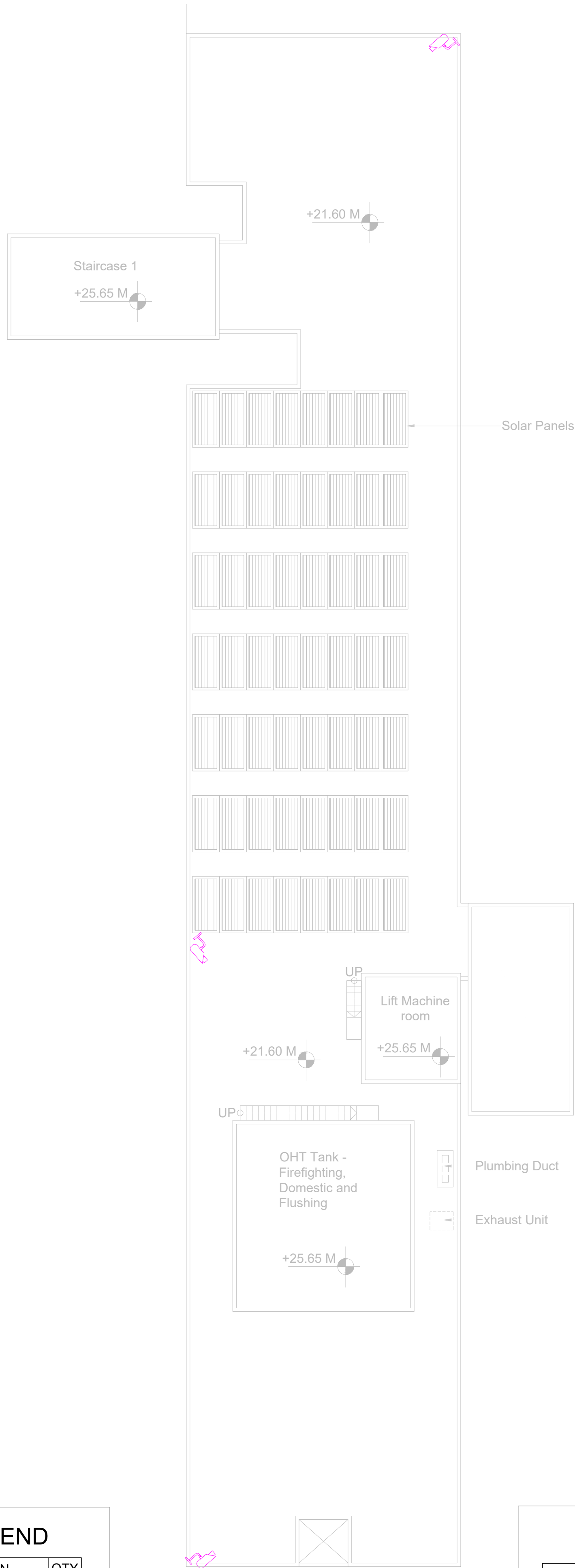
FOURTH FLOOR PLAN - New Faculty Block  
Scale- 1:100

CCTV LEGEND		
SYMBOL	DESCRIPTION	QTY.
	BULLET CAMERA	00
	DOME CAMERA	09
	LIFT DOME CAMERA	00



FIFTH FLOOR PLAN - New Faculty Block  
Scale- 1:100

CCTV LEGEND		
SYMBOL	DESCRIPTION	QTY.
	BULLET CAMERA	00
	DOME CAMERA	09
	LIFT DOME CAMERA	00



TERRACE FLOOR PLAN - New Faculty Block  
Scale- 1:100

CCTV LEGEND		
SYMBOL	DESCRIPTION	QTY.
	BULLET CAMERA WITH POLE SUPPORT	03
	DOME CAMERA	00
	LIFT DOME CAMERA	00

KEYPLAN :-

ISSUALS

REVISIONS

OWNER'S NAME :-

CLIENT :-

NLSIU BENGALURU

PROJECT ARCHITECT:-

**DCOOP**  
ARCHITECTURE DESIGN RESEARCH

UNIT NO. 109, 1ST FLOOR, SWASTIK CHAMBERS,  
SG BARVE ROAD, CHEMBUR, MUMBAI - 400071  
PH: 24706945/46 E-MAIL: mail@dcoop.in

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Ph:+91 80 41222020,URL: www.mcdberl.com

PROJECT TITLE :-

NLSIU BENGALURU

TENDER STAGE

DRAWING TITLE :-

FOURTH,FIFTH FLOOR &  
TERRACE CCTV LAYOUT

PHASE	:	BLOCK	:	SCALE	:
DESIGNED	:	RS	DATE	:	11.12.2024 1:125
DRAWN	:	RS	APPROVED	:	MEGHANA REV NO:
CHECKED	:	MEGHANA	SHEET	:	A1 R1

DWG NO : TD--E--CCTV--206

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