

1 GROUND FLOOR PLAN  
SCALE 1:100

LEGEND				
SL. NO.	DESCRIPTION	SYMBOL	FIXTURE	QTY.
01	6A SWITCH BOARD FOR CONTROL OF LIGHT/FAN		---	92
02	6A TWO WAY SWITCH FOR CONTROL OF LIGHT		---	04
03	6A SWITCH BOARD FOR CONTROL OF EMERGENCY LIGHT		---	89
04	POINT WIRING		---	---
05	EMERGENCY POINT WIRING		---	---
06	18W SURFACE DOWN LIGHT		L01	29
07	22W PROFILE LIGHT		L02	02
08	11W RECESS DOWN LIGHT		L03	53
09	13.4W RECESS DOWN LIGHT		L04	88
10	18W PURELINE SLIM		L05	40
11	18W RECESS DOWN LIGHT		L06	32.3
12	7W BOLLARD LIGHT		L07	64
13	30W LED 600X600 LED RECESS LIGHT		L08	14
14	32W LED 600X600 POWER BALANCE		L09	58
15	37W BATTEN LIGHT		L10	05
16	44W DAYSPACE SUSPENDED LIGHT		L11	15
17	42W SMART BRIGHT ACCENT PRO		L12	06
18	2.8W FOOT LIGHT		L13	96
19	8W MIRROR LIGHT		L14	36
20	OCCUPANCY SENSOR		---	68
21	MOTION SENSOR		---	25
22	18W SURFACE DOWN LIGHT (EMERGENCY LIGHT)		L01	13
23	13.4W RECESS DOWN LIGHT (EMERGENCY LIGHT)		L04	24
24	11W RECESS DOWN LIGHT (EMERGENCY LIGHT)		L03	16
25	18W RECESS DOWN LIGHT (EMERGENCY LIGHT)		L06	30
26	30W LED 600X600 LED RECESS LIGHT (EMERGENCY LIGHT)		L07	04
27	32W LED 600X600 POWER BALANCE (EMERGENCY LIGHT)		L08	24
28	4W EMERGENCY EXIT LIGHT		L15	27
29	MAIN LDB (VTPN 4 - WAY)		---	01
30	LDB (TPN 6 - WAY)		---	03
31	LDB (TPN 8 - WAY)		---	01
32	ELDB (TPN 12 - WAY)		---	02

SCHEDULE OF SWITCHING DEVICES				
SL. NO.	COVERPLATE TAG	SWITCH BOARD	SWITCH/SOCKET DETAILS	COVERPLATE SIZE
1	B1	SW-01		1 MODULE
2	B2	SW-02		2 MODULE
3	B3	SW-03		3 MODULE
4	B4	SW-04		4 MODULE
5	B5	SW-05		6 MODULE
6	B6	SW-06		8 MODULE
7	B7	SW-01		1 MODULE
8	B8	SW-02		2 MODULE

LEGEND		
SL. NO.	DESCRIPTION	SYMBOL
1	6A, SP SWITCH (1 WAY)	
2	6A, SP SWITCH (2 WAY)	
3	BLANK PLATE	

- ELECTRICAL NOTES**
- THIS IS A TENDER DRAWING. THE CONTRACTOR SHALL PREPARE SHOP DRAWING, COORDINATED WITH ARCH., SITE AS WELL AS MEP DISCIPLINES, AND SUBMIT IT TO THE ENGINEER-IN-CHARGE FOR THE APPROVAL OF THE MEP CONSULTANT AND AFTER THAT THE A.O. / REPRESENTATIVE BEFORE COMMENCEMENT OF THE WORK.
  - THE ELECTRICAL LAYOUT IS BASED ON ARCHITECTURAL DRAWINGS AVAILABLE AT THE TIME OF DESIGN.
  - THE QUANTITY AND PLACEMENT OF LIGHTING FIXTURE IS SUBJECT TO APPROVAL OF THE SHAAL REPORT AND LIGHTING FIXTURE SCHEDULE TO BE FURNISHED BY THE CONTRACTOR.
  - THESE DRAWINGS ARE DIAGNOSTIC AND ARE INTENDED ONLY TO DEFINE THE BASIC FUNCTIONS REQUIRED. ACCESSORIES REQUIRED FOR PROPER OPERATION OF THE SYSTEMS, EVEN THOUGH NOT SPECIALLY INDICATED, SHALL BE INCLUDED AND INSTALLED.
  - LOCATION OF LIGHTING FITTINGS & FIXTURES (WITH DIMENSIONS AND MOUNTING HEIGHT) SHALL BE FURNISHED UPON FINALIZATION OF THE RFP LAYOUT. COORDINATION OF ARCH., SITE, AND MEP DISCIPLINES AND CLASH RESOLUTION.
  - ALL DB SHOULD HAVE LOOSE WIRE BOX.
  - CORRIDOR, STAIRCASE & OPEN YARD LIGHTING SHOULD BE CONTROLLED BY MCB.

R.O.	05-07-2024	ISSUED FOR TENDER	D.K.
REV. NO.	DATE	DESCRIPTION	SIGNATURE
		REVISION	

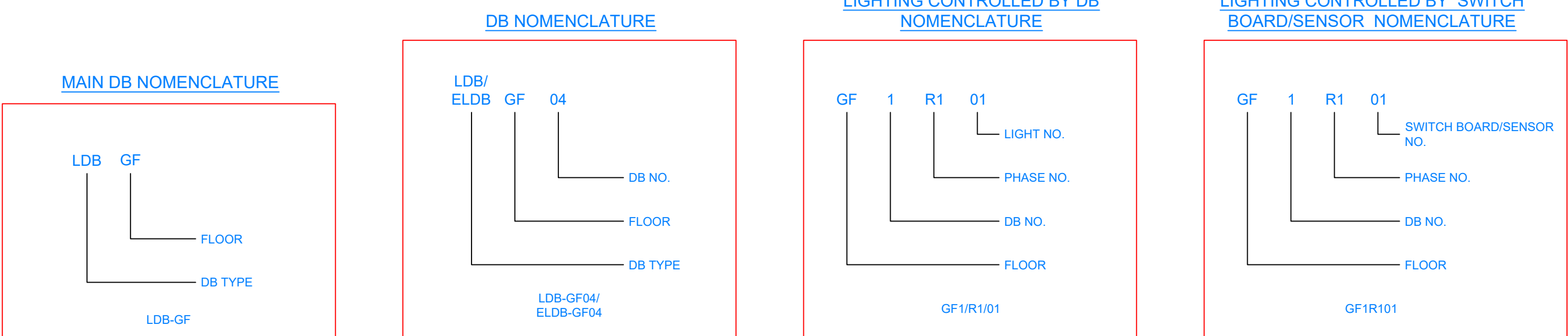
PROJECT  
CONSTRUCTION OF ADMINISTRATIVE OFFICE BUILDING IN PLACE OF P & C BUILDING OUTSIDE CARGO JETTY AREA AT KANDLA, DEENDAYAL PORT AUTHORITY

NAME OF WORK

ADMINISTRATIVE BUILDING

TITLE  
LIGHTING CIRCUIT LAYOUT- GROUND FLOOR PLAN

		<b>GEO DESIGNS &amp; RESEARCH (P) LTD.</b>	
APPROVED BY PARIN SHAH, P.Eng. (India)		REGD. OFFICE B-10, Krishna Industrial Estate, Opp. BIDD Gorwa, Vadodra- 390016 (Guj.) India. Ph: +91 265 2290222. Email: <a href="mailto:me@geogroup.in">me@geogroup.in</a>	
DEPARTMENT JATIN H.	MEP (DESIGN)	DOC. STATUS KESHA D.	FOR TENDER
DRN. DHURUVESH K.	PROJECT NO. GDBU23005	DRAWING NO. GDBU23005-MEP-01	SHEET NO. 01 OF 37
CHD. AS SHOWN	ISSUE DATE 05-07-2024		REV. R.O.
REF. DRG. NO.			SHT. NO.
DEENDAYAL PORT AUTHORITY PROJECT DIVISION			
DATE			







1 FIRST FLOOR PLAN  
SCALE 1:100

LEGEND				
SL. NO.	DESCRIPTION	SYMBOL	FIXTURE	QTY.
01	6A SWITCH BOARD FOR CONTROL OF LIGHT/FAN		---	93
02	6A TWO WAY SWITCH FOR CONTROL OF LIGHT		---	04
03	6A SWITCH BOARD FOR CONTROL OF EMERGENCY LIGHT		---	88
04	POINT WIRING		---	---
05	EMERGENCY POINT WIRING		---	---
06	18W SURFACE DOWN LIGHT		L01	23
07	11W RECESS DOWN LIGHT		L03	52
08	13.4W RECESS DOWN LIGHT		L04	104
09	18W PURELINE PIXEL		L05	33
10	18W RECESS DOWN LIGHT		L06	307
11	30W LED 600X600 LED RECESS LIGHT		L07	06
12	32W LED 600X600 POWER BALANCE		L08	84
13	FOOT LIGHT		L12	96
14	10W MIRROR LIGHT		L13	32
15	OCCUPANCY SENSOR		---	76
16	MOTION SENSOR		---	31
17	18W SURFACE DOWN LIGHT (EMERGENCY LIGHT)		L01	13
18	13.4W RECESS DOWN LIGHT (EMERGENCY LIGHT)		L04	28
19	11W RECESS DOWN LIGHT (EMERGENCY LIGHT)		L03	15
20	18W RECESS DOWN LIGHT (EMERGENCY LIGHT)		L06	28
21	30W LED 600X600 LED RECESS LIGHT (EMERGENCY LIGHT)		L07	02
22	32W LED 600X600 POWER BALANCE (EMERGENCY LIGHT)		L08	25
23	EMERGENCY EXIT LIGHT		L14	18
24	MAIN LDB (VTPN 4 - WAY)		---	01
25	LDB (VTPN 6 - WAY)		---	02
26	LDB (VTPN 8 - WAY)		---	02
27	ELDB (VTPN 8 - WAY)		---	01
28	ELDB (VTPN 12 - WAY)		---	02

SCHEDULE OF SWITCH DEVICES				
SL. NO.	COVERPLATE TAG	SWITCH	SWITCH/SOCKET DETAILS	COVERPLATE SIZE
1	B1	SW-01		1 MODULE
2	B2	SW-02		2 MODULE
3	B3	SW-03		3 MODULE
4	B4	SW-04		4 MODULE
5	B5	SW-06		6 MODULE
6	B6	SW-08		8 MODULE
7	B7	SW-01		1 MODULE
8	B8	SW-02		2 MODULE

LEGEND		
SL. NO.	DESCRIPTION	SYMBOL
1	6A, SP SWITCH (1 WAY)	
2	6A, SP SWITCH (2 WAY)	
3	BLANK PLATE	

- ELECTRICAL NOTES**
- THIS IS A TENDER DRAWING. THE CONTRACTOR SHALL PREPARE SHOP DRAWING, COORDINATED WITH ARCH., STR. AS WELL AS MEP DISCIPLINES, AND SUBMIT IT TO THE ENGINEER-IN-CHARGE FOR THE APPROVAL OF THE MEP CONSULTANT AND AFTER THAT THE A.O. / REPRESENTATIVE BEFORE COMMENCEMENT OF THE WORK.
  - THE ELECTRICAL LAYOUT IS BASED ON ARCHITECTURAL DRAWINGS AVAILABLE AT THE TIME OF DESIGN.
  - THE QUANTITY AND PLACEMENT OF LIGHTING FIXTURE IS SUBJECT TO APPROVAL OF THE DIALUX REPORT AND LIGHTING FIXTURE SCHEDULE TO BE FURNISHED BY THE CONTRACTOR.
  - THESE DRAWINGS ARE DIAGNOSTIC AND ARE INTENDED ONLY TO DEFINE THE BASIC FUNCTIONS REQUIRED. ACCESSORIES REQUIRED FOR PROPER OPERATION OF THE SYSTEMS, EVEN THOUGH NOT SPECIALLY INDICATED, SHALL BE INCLUDED AND INSTALLED.
  - LOCATION OF LIGHTING FITTINGS & FIXTURES (WITH DIMENSIONS AND MOUNTING HEIGHT) SHALL BE FURNISHED UPON FINALIZATION OF THE RFP LAYOUT. COORDINATION OF ARCH., STR. AND MEP DISCIPLINES AND CLASH RESOLUTION.
  - ALL DB SHOULD HAVE LOOSE WIRE BOX.
  - CORRIDOR, STAIRCASE & OPEN YARD LIGHTING SHOULD BE CONTROLLED BY MCB.

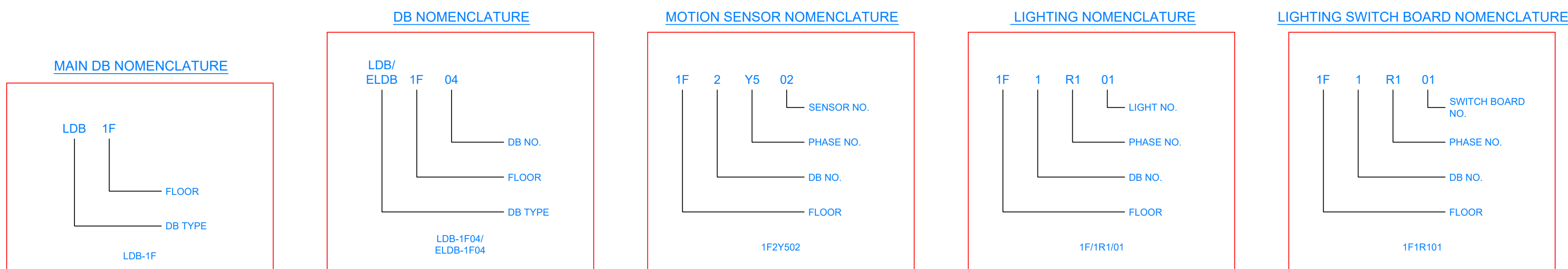
REV. NO.	05-07-2024	ISSUED FOR TENDER	D.K.
DATE		DESCRIPTION	SIGNATURE
		REVISION	

PROJECT  
CONSTRUCTION OF ADMINISTRATIVE OFFICE BUILDING IN PLACE OF P&C BUILDING OUTSIDE CARGO JETTY AREA AT KANDLA, DEENDAYAL PORT AUTHORITY

NAME OF WORK  
ADMINISTRATIVE BUILDING

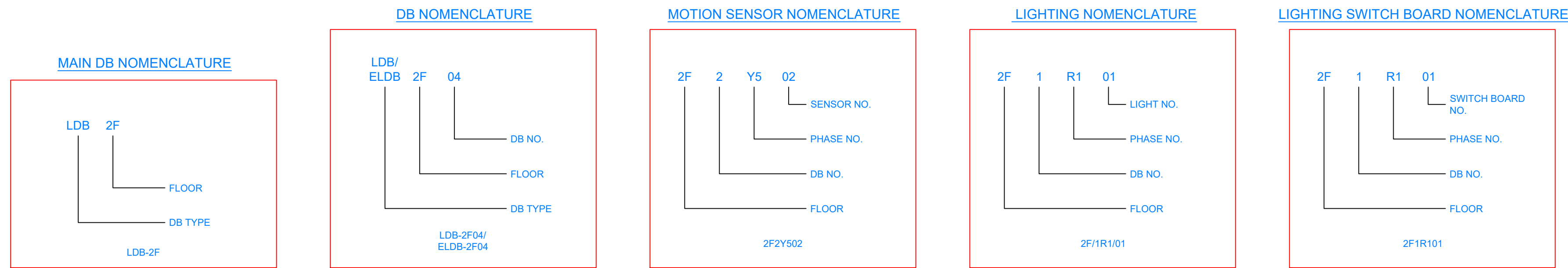
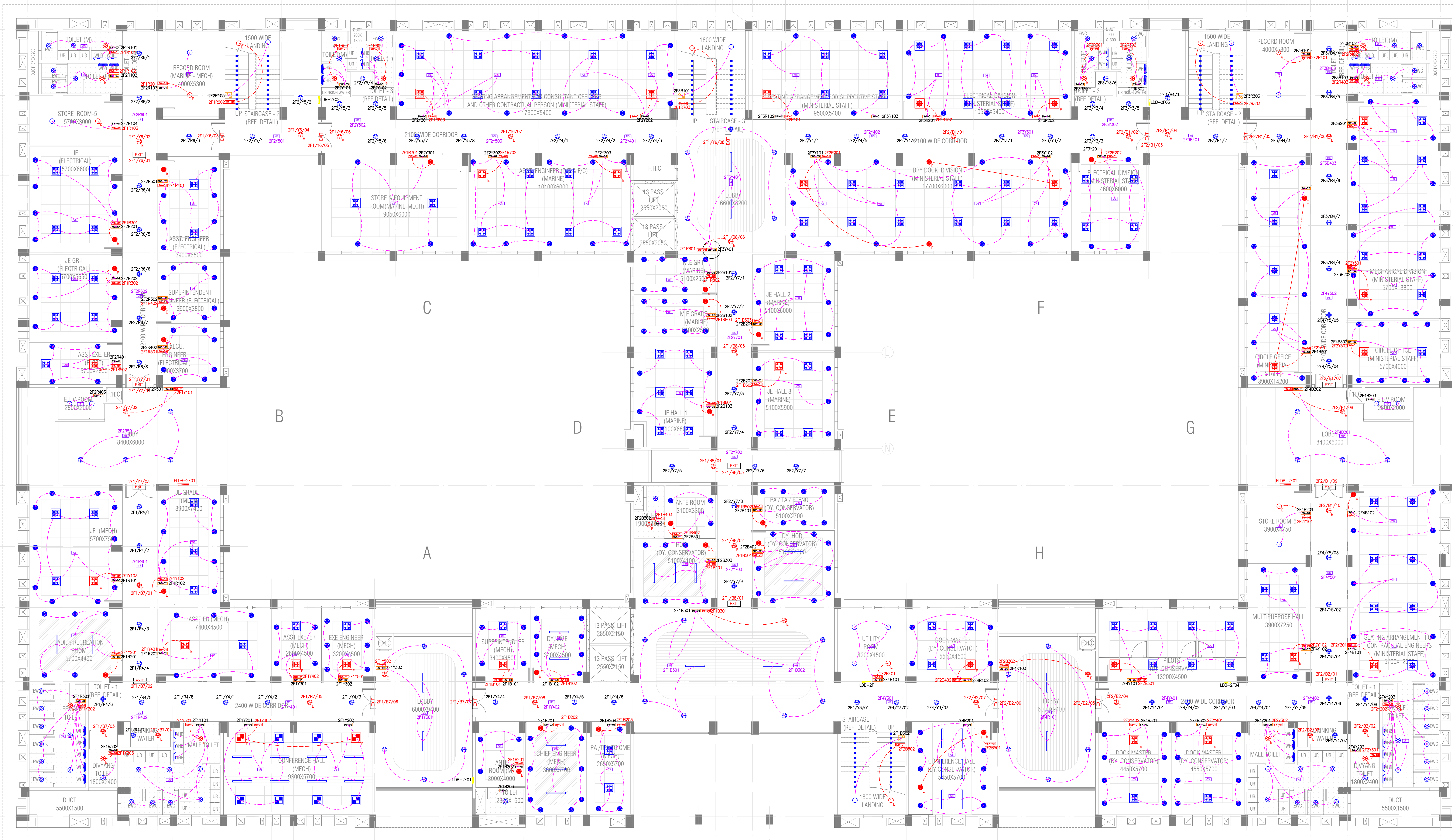
TITLE  
LIGHTING CIRCUIT LAYOUT- FIRST FLOOR PLAN

APPROVED BY PARIN SHAH, P.Eng. (India)		REGD. OFFICE B-10, Krishna Industrial Estate, Opp. BIDD Gorwa, Vadodra- 390016 (Guj.) India. Ph: +91 265 2290222. Email: mep@geogroup.in	
DEPARTMENT JATIN H.	MEP (DESIGN)	DOC. STATUS KESHA D.	FOR TENDER
DRN. DHURUVESH K.	PROJECT NO. GDBU23005	DRAWING NO. GDBU23005-MEP-01	SHEET NO. 02 OF 37
SCALE AS SHOWN	DATE 05-07-2024	REV. R0	SHT. NO.
REF. DRG. NO.	DEENDAYAL PORT AUTHORITY PROJECT DIVISION		
DATE			





1 SECOND FLOOR PLAN  
SCALE 1:100



LEGEND				
SL. NO.	DESCRIPTION	SYMBOL	FIXTURE	QTY.
01	6A SWITCH BOARD FOR CONTROL OF LIGHT/FAN		---	82
02	6A TWO WAY SWITCH FOR CONTROL OF LIGHT		---	04
03	6A SWITCH BOARD FOR CONTROL OF EMERGENCY LIGHT		---	81
04	POINT WIRING		---	---
05	EMERGENCY POINT WIRING		---	---
06	18W SURFACE DOWN LIGHT		L01	15
07	11W RECESS DOWN LIGHT		L03	52
08	13.4W RECESS DOWN LIGHT		L04	105
09	18W PURELINE PIXEL		L05	34
10	18W RECESS DOWN LIGHT		L06	285
11	30W LED 600X600 LED RECESS LIGHT		L07	06
12	32W LED 600X600 POWER BALANCE		L08	112
13	FOOT LIGHT		L12	96
14	10W MIRROR LIGHT		L13	32
15	OCCUPANCY SENSOR		---	76
16	MOTION SENSOR		---	31
17	18W SURFACE DOWN LIGHT (EMERGENCY LIGHT)		L01	09
18	13.4W RECESS DOWN LIGHT (EMERGENCY LIGHT)		L04	27
19	11W RECESS DOWN LIGHT (EMERGENCY LIGHT)		L03	15
20	18W RECESS DOWN LIGHT (EMERGENCY LIGHT)		L06	27
21	30W LED 600X600 LED RECESS LIGHT (EMERGENCY LIGHT)		L07	02
22	32W LED 600X600 POWER BALANCE (EMERGENCY LIGHT)		L08	26
23	EMERGENCY EXIT LIGHT		L14	18
24	MAIN LDB (VFN 4 - WAY)		---	01
25	LDB (TFN 6 - WAY)		---	03
26	LDB (TFN 8 - WAY)		---	01
27	ELDB (TFN 12 - WAY)		---	02

SCHEDULE OF SWITCHING DEVICES				
SL. NO.	COVERPLATE TAG	SWITCH BOARD	SWITCH/SOCKET DETAILS	COVERPLATE SIZE
1	B1	SW-01		1 MODULE
2	B2	SW-02		2 MODULE
3	B3	SW-03		3 MODULE
4	B4	SW-04		4 MODULE
5	B5	SW-06		6 MODULE
6	B6	SW-08		8 MODULE
7	B7	SW-01		1 MODULE
8	B8	SW-02		2 MODULE

LEGEND		
SL. NO.	DESCRIPTION	SYMBOL
1	6A, SP SWITCH (1 WAY)	
2	6A, SP SWITCH (2 WAY)	
3	BLANK PLATE	

- ELECTRICAL NOTES
- THIS IS A TENDER DRAWING. THE CONTRACTOR SHALL PREPARE SHOP DRAWING, COORDINATED WITH ARCH., SITE AS WELL AS MEP DISCIPLINES, AND SUBMIT IT TO THE ENGINEER-IN-CHARGE FOR THE APPROVAL OF THE MEP CONSULTANT AND AFTER THAT THE A.O. / REPRESENTATIVE BEFORE COMMENCEMENT OF THE WORK.
  - THE ELECTRICAL LAYOUT IS BASED ON ARCHITECTURAL DRAWINGS AVAILABLE AT THE TIME OF DESIGN.
  - THE QUANTITY AND PLACEMENT OF LIGHTING FIXTURE IS SUBJECT TO APPROVAL OF THE ARCH. REPORT AND LIGHTING FIXTURE SCHEDULE TO BE FURNISHED BY THE CONTRACTOR.
  - THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED ONLY TO DEFINE THE BASIC FUNCTIONS REQUIRED. ACCESSORIES REQUIRED FOR PROPER OPERATION OF THE SYSTEMS, EVEN THOUGH NOT SPECIALLY INDICATED, SHALL BE INCLUDED AND INSTALLED.
  - LOCATION OF LIGHTING FITTINGS & FIXTURES (WITH DIMENSIONS AND MOUNTING HEIGHT) SHALL BE FURNISHED UPON FINALIZATION OF THE RFP LAYOUT, COORDINATION OF ARCH., SITE, AND MEP DISCIPLINES AND CLASH RESOLUTION.
  - ALL DB SHOULD HAVE LOOSE WIRE BOX.
  - CORRIDOR, STAIRCASE & OPEN YARD LIGHTING SHOULD BE CONTROLLED BY MCB.

REV. NO.	05-07-2024	ISSUED FOR TENDER	D.K.
DATE		DESCRIPTION	SIGNATURE
		REVISION	

PROJECT  
CONSTRUCTION OF ADMINISTRATIVE OFFICE BUILDING IN PLACE OF P&C BUILDING OUTSIDE CARGO JETTY AREA AT KANDLA, DEENDAYAL PORT AUTHORITY

NAME OF WORK  
ADMINISTRATIVE BUILDING

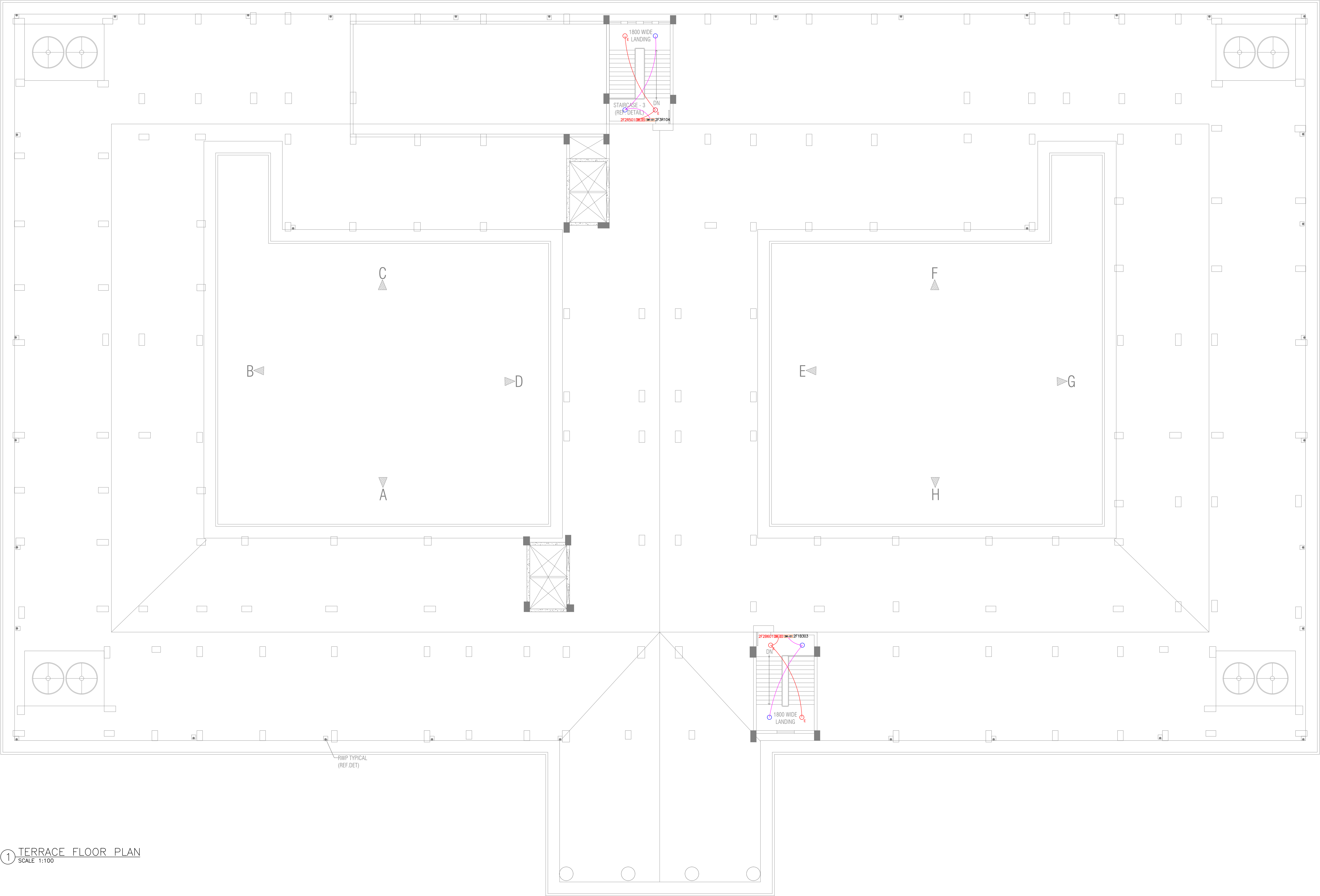
TITLE  
LIGHTING CIRCUIT LAYOUT- SECOND FLOOR PLAN

		<b>GEO DESIGNS &amp; RESEARCH (P) LTD.</b>	
APPROVED BY PARIN SHAH, P.Eng. (India)		REGD. OFFICE B-10, Krishna Industrial Estate, Opp. BIDD Gorwa, Vadodra- 390016 (Guj.) India. Ph: +91 265 2290222. Email: <a href="mailto:me@geogroup.in">me@geogroup.in</a>	
DEPARTMENT JATIN H.	MEP (DESIGN)	DOC. STATUS KESHA D.	FOR TENDER
DRN. DHURUVESH K.	PROJECT NO. GDBU23005	DRAWING NO. GDBU23005-MEP-01	SHEET NO. 03 OF 37
CHD. AS SHOWN	ISSUE DATE 05-07-2024	SCALE AS SHOWN	REV. R0
REF. DRG. NO.	<b>DEENDAYAL PORT AUTHORITY PROJECT DIVISION</b>		SHT. NO.
DATE			

JE (E)	AXEN (E)	XEN (E)



1 TERRACE FLOOR PLAN  
SCALE 1:100



LEGEND				
SL. NO.	DESCRIPTION	SYMBOL	FIXTURE	QTY.
01	POINT WIRING	---	---	---
02	EMERGENCY POINT WIRING	---	---	---
03	6A SWITCH BOARD FOR CONTROL OF LIGHT/FAN	SW	---	02
04	6A SWITCH BOARD FOR CONTROL OF EMERGENCY LIGHT	SW	---	02
05	18W SURFACE DOWN LIGHT	LO	LO1	06
06	18W SURFACE DOWN LIGHT (EMERGENCY LIGHT)	LO	LO1	02

SCHEDULE OF SWITCHING DEVICES				
SL. NO.	COVERPLATE TAG	SWITCH BOARD	SWITCH/SOCKET DETAILS	COVERPLATE SIZE
1	B1	SW-01	1	1 MODULE
2	B2	SW-02	2	2 MODULE
3	B3	SW-03	3	3 MODULE
4	B4	SW-04	4	4 MODULE
5	B5	SW-06	6	6 MODULE
6	B6	SW-08	8	8 MODULE
7	B7	SW-01	1	1 MODULE
8	B8	SW-02	2	2 MODULE

LEGEND		
SL. NO.	DESCRIPTION	SYMBOL
1	6A, SP SWITCH (1 WAY)	1
2	6A, SP SWITCH (2 WAY)	2
3	BLANK PLATE	3

- ELECTRICAL NOTES**
- THIS IS A TENDER DRAWING. THE CONTRACTOR SHALL PREPARE SHOP DRAWING, COORDINATED WITH ARCH., SITE AS WELL AS MEP DISCIPLINES, AND SUBMIT IT TO THE ENGINEER-IN-CHARGE FOR THE APPROVAL OF THE MEP CONSULTANT AND AFTER THAT THE A.O. / REPRESENTATIVE BEFORE COMMENCEMENT OF THE WORK.
  - THE ELECTRICAL LAYOUT IS BASED ON ARCHITECTURAL DRAWINGS AVAILABLE AT THE TIME OF DESIGN.
  - THE QUANTITY AND PLACEMENT OF LIGHTING FIXTURE IS SUBJECT TO APPROVAL OF THE DIALUX REPORT AND LIGHTING FIXTURE SCHEDULE TO BE FURNISHED BY THE CONTRACTOR.
  - THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED ONLY TO DEFINE THE BASIC FUNCTIONS REQUIRED. ACCESSORIES REQUIRED FOR PROPER OPERATION OF THE SYSTEMS, EVEN THOUGH NOT SPECIFICALLY INDICATED, SHALL BE INCLUDED AND INSTALLED.
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  - ALL DB SHOULD HAVE LOOSE WIRE BOX.
  - CORRIDOR, STAIRCASE & OPEN YARD LIGHTING SHOULD BE CONTROLLED BY MCB.

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		REVISION	

PROJECT  
CONSTRUCTION OF ADMINISTRATIVE OFFICE BUILDING IN PLACE OF P & C BUILDING OUTSIDE CARGO JETTY AREA AT KANDLA, DEENDAYAL PORT AUTHORIT

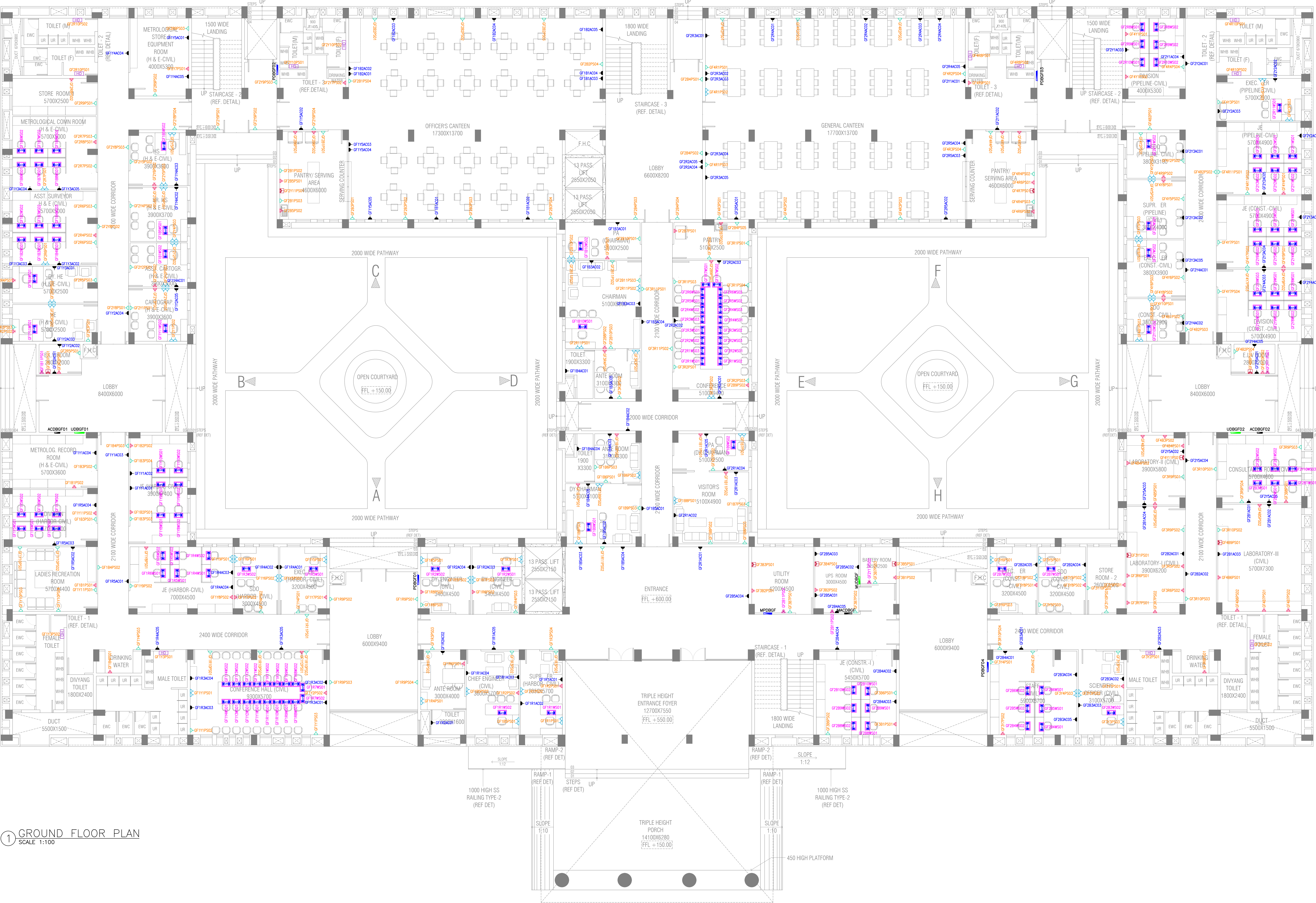
NAME OF WORK  
ADMINISTRATIVE BUILDING

TITLE  
LIGHTING CIRCUIT LAYOUT- TERRACE FLOOR PLAN

		<b>GEO DESIGNS &amp; RESEARCH (P) LTD.</b>	
APPROVED BY PARIN SHAH, P.Eng. (India)		REGD. OFFICE B-10, Krishna Industrial Estate, Opp. BIDC Gorwa, Vadodara- 390016 (Guj.) India. Ph: +91 265 2290222. Email: mep@geogroup.in	
DEPARTMENT	MEP (DESIGN)	DOC. STATUS	FOR TENDER
DRN.	JATIN H.	PROJECT NO.	GDBU23005
CHD.	DHRUVESH K.	DRAWING NO.	SHEET NO.
SCALE	AS SHOWN	GDBU23005-MEP-01	04 OF 37
ISSUE DATE	05-07-2024		R0
REF. DRG. NO.		<b>DEENDAYAL PORT AUTHORITY PROJECT DIVISION</b>	
DATE			SHT. NO.

JE (E)	AXEN (E)	XEN (E)
22	23	24





1 GROUND FLOOR PLAN  
SCALE 1:100

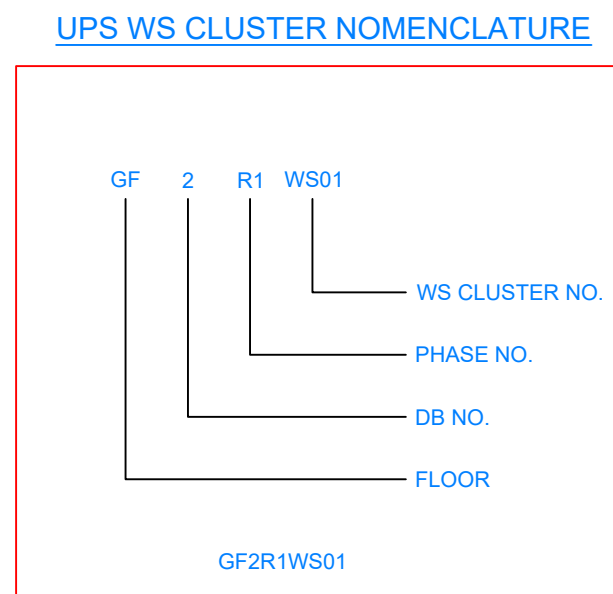
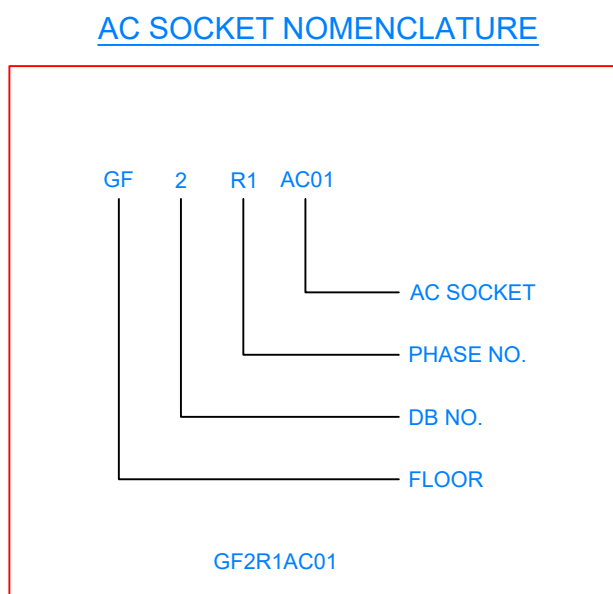
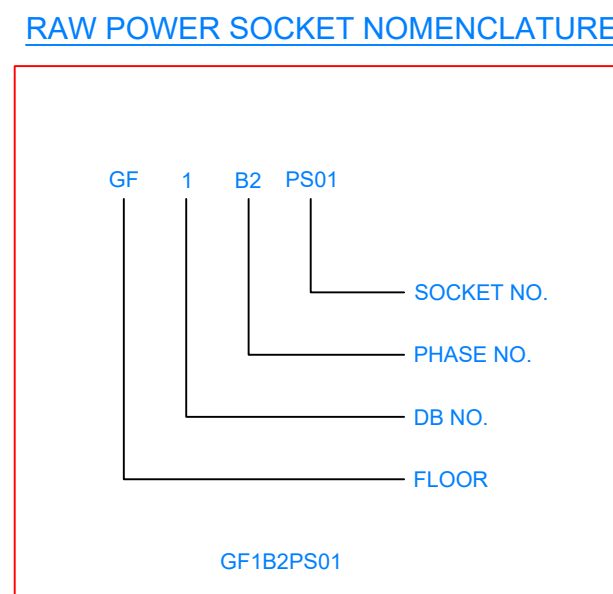
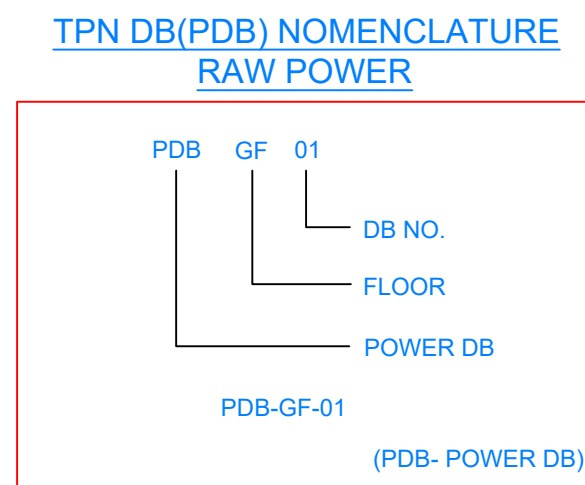
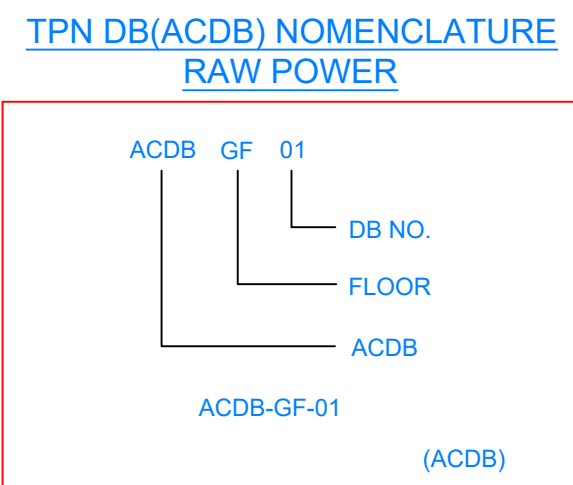
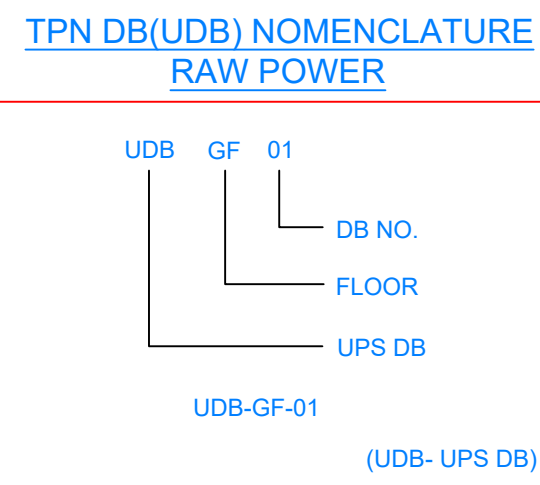
LEGEND			
SL. NO.	SYMBOL	DESCRIPTION	QTY.
01		6A SWITCHED SOCKET OUTLET	146
02		2Nos 6A. SWITCHED SOCKET OUTLET	55
03		6/16A. SWITCH SOCKET OUTLET	86
04		25A, 1PH INDUSTRIAL SOCKET OUTLET	10
05		16A. SWITCH SOCKET OUTLET FOR HAND DRIER	12
06		6A. SWITCHED SOCKET OUTLET FOR AC	141
07		WS CLUSTER (2X6A UPS POINT CONTROLLED BY 1X6A SWITCH) ON TABLE	132
08		6/16A. SWITCHED SOCKET OUTLET FOR UPS	05
09		PDB TPN 12-WAY	04
10		UDB TPN 12-WAY	02
11		MUDB VTPN 4-WAY	01
12		ACDB TPN 6-WAY	02
13		MACDB VTPN 4-WAY	01
14		MPDB VTPN 6-WAY	01

SCHEDULE OF SOCKET DEVICES			
SL. NO.	SYMBOL	SWITCH/SOCKET DETAILS	COVERPLATE SIZE
1			3 MODULE
2			6 MODULE
3			3 MODULE
4			3 MODULE
5			2 MODULE
6			8 MODULE
7			3 MODULE
8			3 MODULE

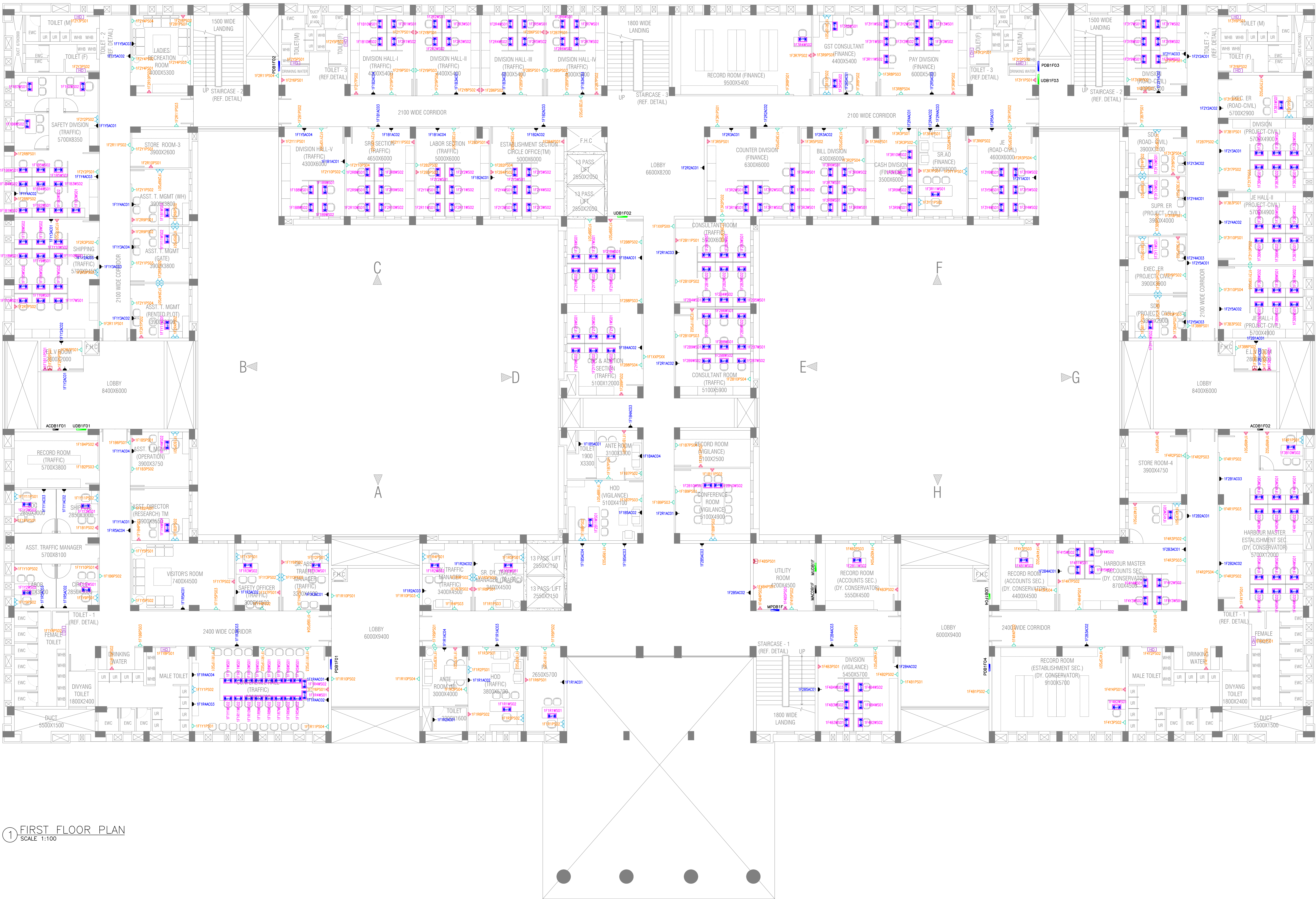
LEGEND		
SL. NO.	DESCRIPTION	SYMBOL
1	6A, SP SWITCH (1 WAY)	
2	16A, SP SWITCH (1 WAY)	
3	6/16A, 5 PIN SOCKET	
4	6A 2/3 PIN SOCKET	
5	25A MCB	
6	25A 3 PIN SOCKET	

- ELECTRICAL NOTES**
- DO NOT SCALE FROM THESE DRAWINGS. DIMENSIONS SHALL BE TAKEN FROM ARCHITECTURAL DRAWINGS.
  - THE ELECTRICAL LAYOUT IS BASED ON ARCHITECTURAL DRAWINGS AVAILABLE AT THE TIME OF DESIGN.
  - REFER TO ARCH. DRG. FOR SHAFT SIZES AND OTHER RELATED DETAILS.
  - THE QUANTITY AND PLACEMENT OF SOCKETS IS SUBJECT TO APPROVAL OF THE CLIENT.
  - THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED ONLY TO DEFINE THE BASIC FUNCTIONS REQUIRED. ACCESSORIES REQUIRED FOR PROPER OPERATION OF THE SYSTEMS, EVEN THOUGH NOT SPECIFICALLY INDICATED, SHALL BE INCLUDED AND INSTALLED. SUCH ACCESSORIES MAY INCLUDE, BUT ARE NOT LIMITED TO MOTOR STARTERS, ETC.
  - CABLE MANAGEMENT SYSTEM LAYOUTS (VIZ. CABLE TRAY AND UNDERFLOOR RACEWAY) SHALL BE REFERRED FROM THEIR RESPECTIVE DRAWINGS.
  - ALL DB SHOULD HAVE LOOSE WIRE BOX.
  - THE SOCKET LAYOUT IS SUBJECT TO CHANGE WITH THE FURNITURE LAYOUT OF THE RESPECTIVE AREA.

R0		05-07-2024	ISSUED FOR TENDER	D.K.
REV. NO.	DATE	DESCRIPTION	SIGNATURE	
PROJECT				
CONSTRUCTION OF ADMINISTRATIVE OFFICE BUILDING IN PLACE OF P& C BUILDING OUTSIDE CARGO JETTY AREA AT KANDLA, DEENDAYAL PORT AUTHORITY				
NAME OF WORK				
ADMINISTRATIVE BUILDING				
TITLE				
SOCKET CIRCUIT LAYOUT- GROUND FLOOR PLAN				
		<b>GEO DESIGNS &amp; RESEARCH (P) LTD.</b>		
APPROVED BY PARIN SHAH, P.Eng. (India)		REGD. OFFICE B-10, Krishna Industrial Estate, Opp. BIDD Corwa, Vadodra- 390016 (Guj.) India. Ph: +91 265 2290222. Email: mep@geogroup.in		
DEPARTMENT MEP (DESIGN)	DOC. STATUS FOR TENDER			
DRN. JATIN H.	PROJECT NO. GDBU23005			
CHD. DHIRUVESH K.	DRAWING NO. 05 OF 37	SHEET NO. R0		
SCALE AS SHOWN	GDBU23005-MEP-01	REV.		
ISSUE DATE 05-07-2024	DEENDAYAL PORT AUTHORITY PROJECT DIVISION		SHT. NO.	
REF. DRG. NO.				
DATE				
JE (E)		AXEN (E)		XEN (E)







1 FIRST FLOOR PLAN  
SCALE 1:100

LEGEND			
SL. NO.	SYMBOL	DESCRIPTION	QTY.
01		6A SWITCHED SOCKET OUTLET	137
02		2Nos 6A. SWITCHED SOCKET OUTLET	44
03		6/16A. SWITCH SOCKET OUTLET	82
04		25A. 1PH INDUSTRIAL SOCKET OUTLET	03
05		16A. SWITCH SOCKET OUTLET FOR HAND DRIER	12
06		6A. SWITCHED SOCKET OUTLET FOR AC	94
07		WS CLUSTER (2X6A UPS POINT CONTROLLED BY 1X6A SWITCH) ON TABLE	223
08		6/16A. SWITCHED SOCKET OUTLET FOR UPS	03
09		PDB TPN 8-WAY	01
10		PDB TPN 12-WAY	03
11		UDB TPN 6-WAY	01
12		UDB TPN 12-WAY	03
13		MUDB VTPN 6-WAY	01
14		ACDB TPN 6-WAY	02
15		MACDB VTPN 4-WAY	01
16		MPDB VTPN 6-WAY	01

SCHEDULE OF SOCKET DEVICES

SL. NO.	SYMBOL	SWITCH/SOCKET DETAILS	COVERPLATE SIZE
1			3 MODULE
2			6 MODULE
3			3 MODULE
4			3 MODULE
5			2 MODULE
6			8 MODULE
7			3 MODULE
8			3 MODULE

LEGEND

SL. NO.	DESCRIPTION	SYMBOL
1	6A, SP SWITCH (1 WAY)	
2	16A, SP SWITCH (1 WAY)	
3	6/16A, 5 PIN SOCKET	
4	6A 2/3 PIN SOCKET	
5	25A MCB	
6	25A 3 PIN SOCKET	

ELECTRICAL NOTES

- 1.DO NOT SCALE FROM THESE DRAWINGS. DIMENSIONS SHALL BE TAKEN FROM ARCHITECTURAL DRAWINGS.
- 2.THE ELECTRICAL LAYOUT IS BASED ON ARCHITECTURAL DRAWINGS AVAILABLE AT THE TIME OF DESIGN.
- 3.REFER TO ARCH. DRG. FOR SHAFT SIZES AND OTHER RELATED DETAILS.
- 4.THE QUANTITY AND PLACEMENT OF SOCKETS IS SUBJECT TO APPROVAL OF THE CLIENT.
- 5.THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED ONLY TO DEFINE THE BASIC FUNCTIONS REQUIRED. ACCESSORIES REQUIRED FOR PROPER OPERATION OF THE SYSTEMS, EVEN THOUGH NOT SPECIFICALLY INDICATED, SHALL BE INCLUDED AND INSTALLED. SUCH ACCESSORIES MAY INCLUDE, BUT ARE NOT LIMITED TO MOTOR STARTERS, ETC.
- 6.CABLE MANAGEMENT SYSTEM LAYOUTS (VIZ. CABLE TRAY AND UNDERFLOOR RACEWAY) SHALL BE REFERRED FROM THEIR RESPECTIVE DRAWINGS.
- 7.ALL DB SHOULD HAVE LOOSE WIRE BOX.
- 8.THE SOCKET LAYOUT IS SUBJECT TO CHANGE WITH THE FURNITURE LAYOUT OF THE RESPECTIVE AREA.

R0	05-07-2024	ISSUED FOR TENDER	D.K.
REV. NO.	DATE	DESCRIPTION	SIGNATURE
		REVISION	

PROJECT  
CONSTRUCTION OF ADMINISTRATIVE OFFICE BUILDING IN PLACE OF P& C BUILDING OUTSIDE CARGO JETTY AREA AT KANDLA, DEENDAYAL PORT AUTHORITY

NAME OF WORK  
ADMINISTRATIVE BUILDING

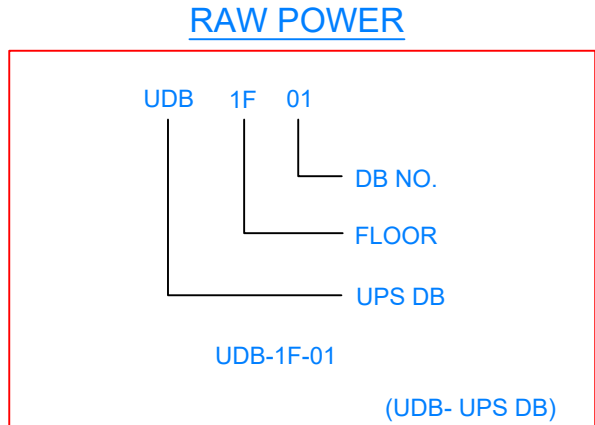
TITLE  
SOCKET CIRCUIT LAYOUT- FIRST FLOOR PLAN

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DEPARTMENT JATIN H.	MEP (DESIGN)	DOC. STATUS KESHA D.	FOR TENDER
DRN. DHURUVESH K.	PROJECT NO. GDBU23005	DRAWING NO. GDBU23005-MEP-01	SHEET NO. 06 OF 37
SCALE AS SHOWN	DATE 05-07-2024	REV. R0	REF. DRG. NO.

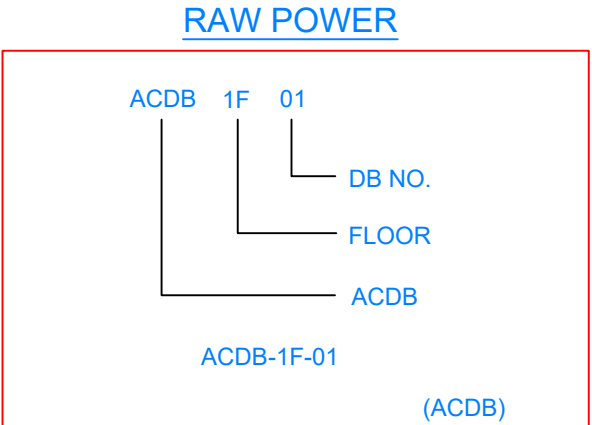
DEENDAYAL PORT AUTHORITY  
PROJECT DIVISION

DATE		SHT. NO.	
JE (E)	AXEN (E)	XEN (E)	

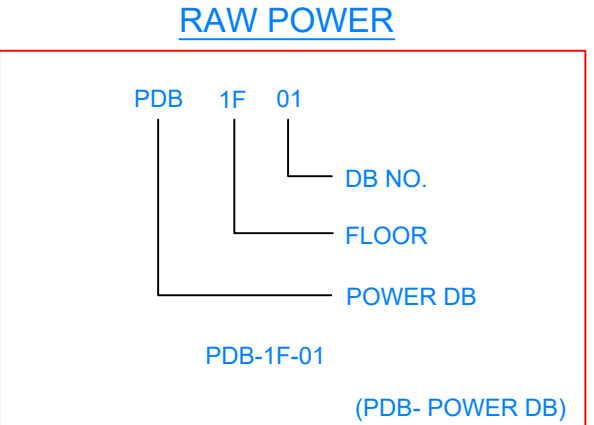
TPN DB(UDB) NOMENCLATURE  
RAW POWER



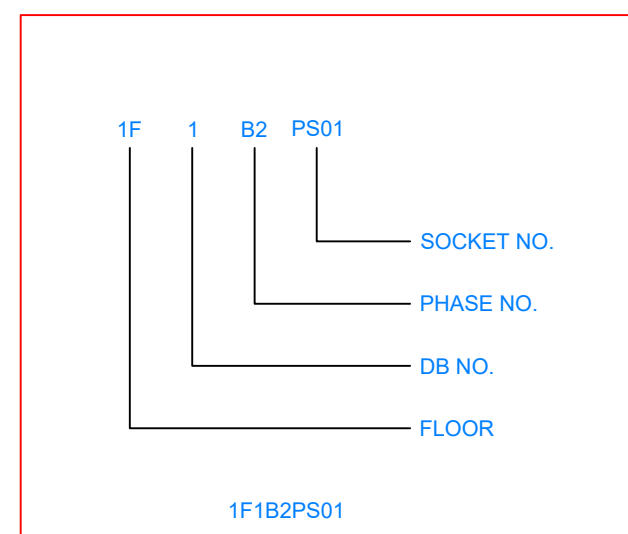
TPN DB(ACDB) NOMENCLATURE  
RAW POWER



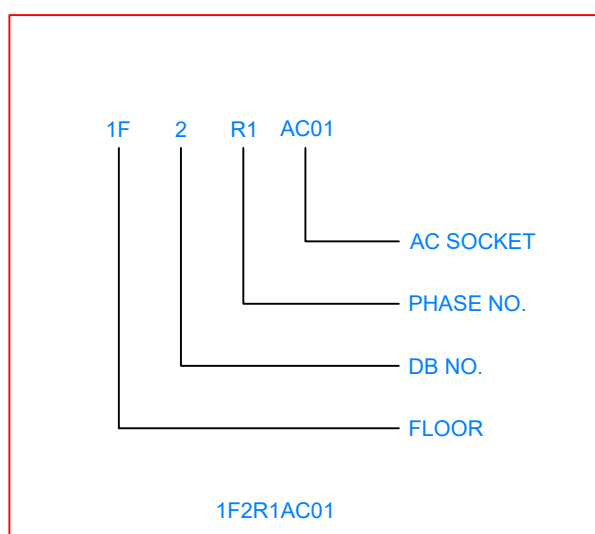
TPN DB(PDB) NOMENCLATURE  
RAW POWER



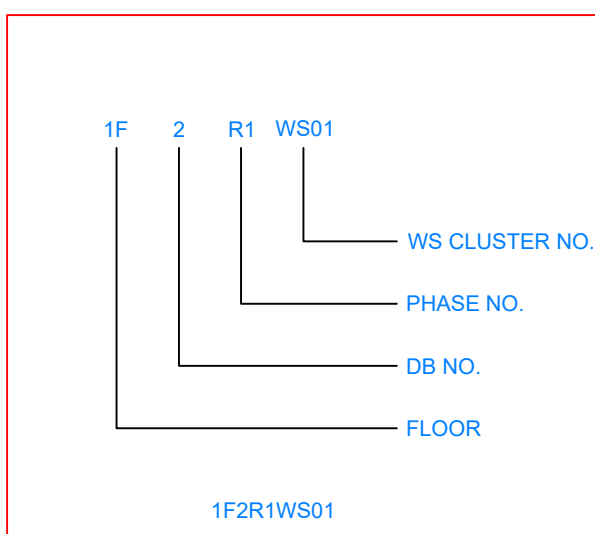
RAW POWER SOCKET NOMENCLATURE



AC SOCKET NOMENCLATURE



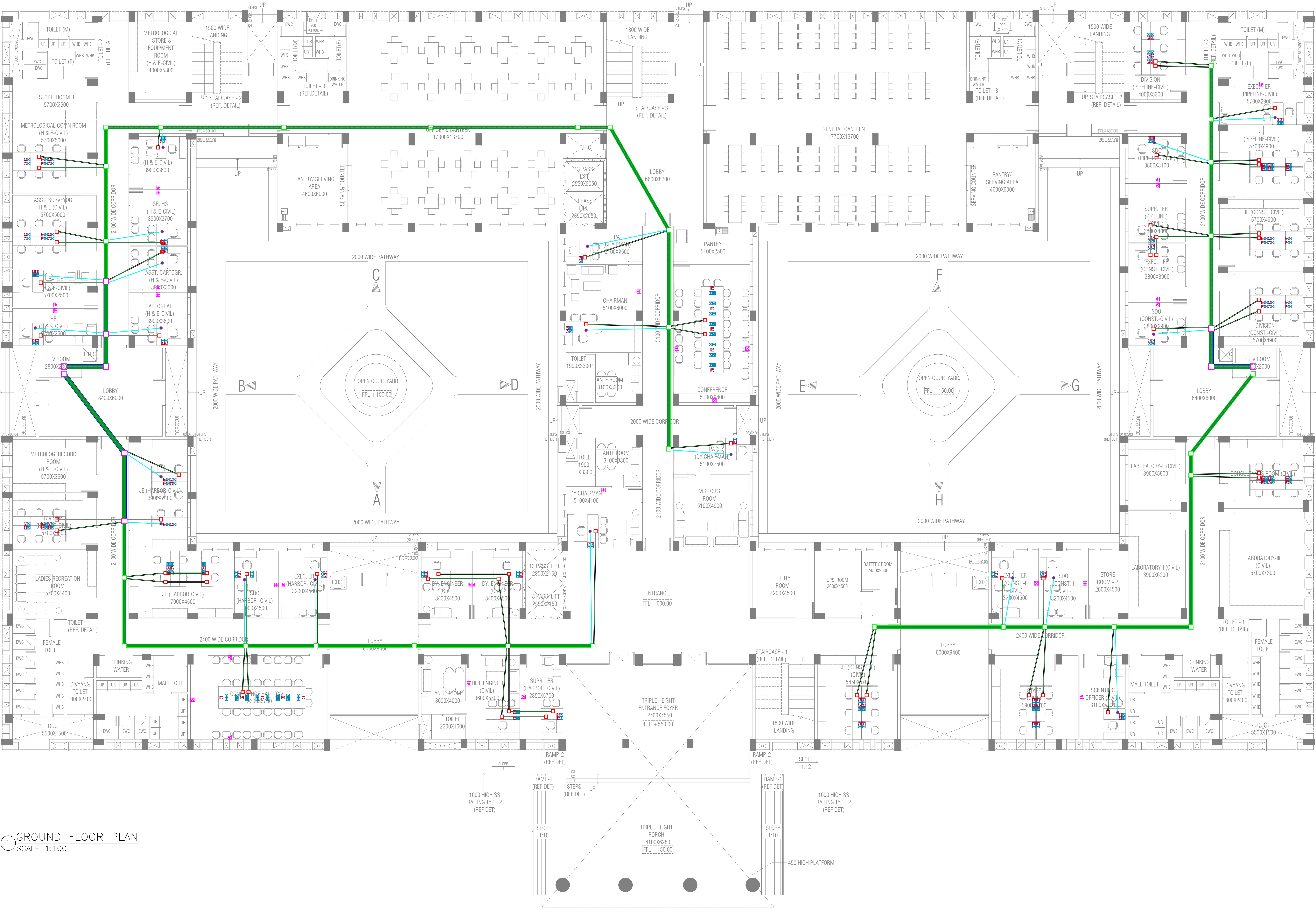
UPS WS CLUSTER NOMENCLATURE











1 GROUND FLOOR PLAN  
SCALE 1:100

### LEGEND

SL. NO.	DESCRIPTION	SYMBOL	QTY.
1	300X38 METALLIC RACEWAY		27
2	225X38 METALLIC RACEWAY		167
3	50X38 METALLIC RACEWAY		215
4	25 MM DIA. METALLIC CONDUIT		81
5	JUNCTION BOX (150 MM MAX.)		61
6	JUNCTION BOX (225 MM MAX.)		30
7	JUNCTION BOX (300 MM MAX.)		10
8	FLOOR BOX		20
9	NETWORK CABLEING (ADN, ASCON, DCN, VOICE PLAN)		--
10	TV OUTLET POINT		28
11	VOICE POINT FOR INTERCOM		128
12	DATA POINT FOR LAN		150

### ELECTRICAL NOTES

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- THIS LAYOUT IS BASED ON ARCHITECTURAL DRAWINGS AVAILABLE AT THE TIME OF DESIGN.
- THE QUANTITY AND PLACEMENT OF SOCKETS IS SUBJECT TO APPROVAL OF THE CLIENT.
- THESE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED ONLY TO DEFINE THE BASIC FUNCTIONS REQUIRED. ACCESSORIES REQUIRED FOR PROPER OPERATION OF THE SYSTEMS, EVEN THOUGH NOT SPECIFICALLY INDICATED, SHALL BE INCLUDED AND INSTALLED. SUCH ACCESSORIES MAY INCLUDE, BUT ARE NOT LIMITED TO MOTOR STARTERS, ETC.

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REVISION			
PROJECT			
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NAME OF WORK			
ADMINISTRATIVE BUILDING			
TITLE			
ELV SOCKET & RACEWAY LAYOUT- GROUND FLOOR PLAN			
APPROVED BY PARIN SHAH, P.Eng. (India)		REGD. OFFICE B-10, Krishna Industrial Estate, Opp. BIDD Corva, Vadodara- 390016 (Guj.) India. Ph: +91 265 2290222. Email: mep@geogroup.in	
DEPARTMENT	MEP (DESIGN)	DOC. STATUS	FOR TENDER
DRN.	JATIN H.	PROJECT NO.	GDBU23005
CHD.	DHURUVESH K.	DRAWING NO.	SHEET NO.
SCALE	AS SHOWN	GDBU23005-MEP-01	08 OF 37
ISSUE DATE	05-07-2024		REV.
REF. DRG. NO.			R0
DEENDAYAL PORT AUTHORITY PROJECT DIVISION			SHT. NO.
DATE			
JE (E)			AXEN (E)
			XEN (E)





1 FIRST FLOOR PLAN  
SCALE 1:100

LEGEND

SL. NO.	DESCRIPTION	SYMBOL	QTY.
1	300X38 METALLIC RACEWAY		86
2	225X38 METALLIC RACEWAY		269
3	50X38 METALLIC RACEWAY		315
4	25 MM DIA. METALLIC CONDUIT		93
5	JUNCTION BOX (150 MM MAX.)		102
6	JUNCTION BOX (225 MM MAX.)		42
7	JUNCTION BOX (300 MM MAX.)		28
8	FLOOR BOX		28
9	NETWORK CABLEING (ADN, ASCON, DCN, VOICE PLAN)		--
10	TV OUTLET POINT		16
11	VOICE POINT FOR INTERCOM		227
12	DATA POINT FOR LAN		238

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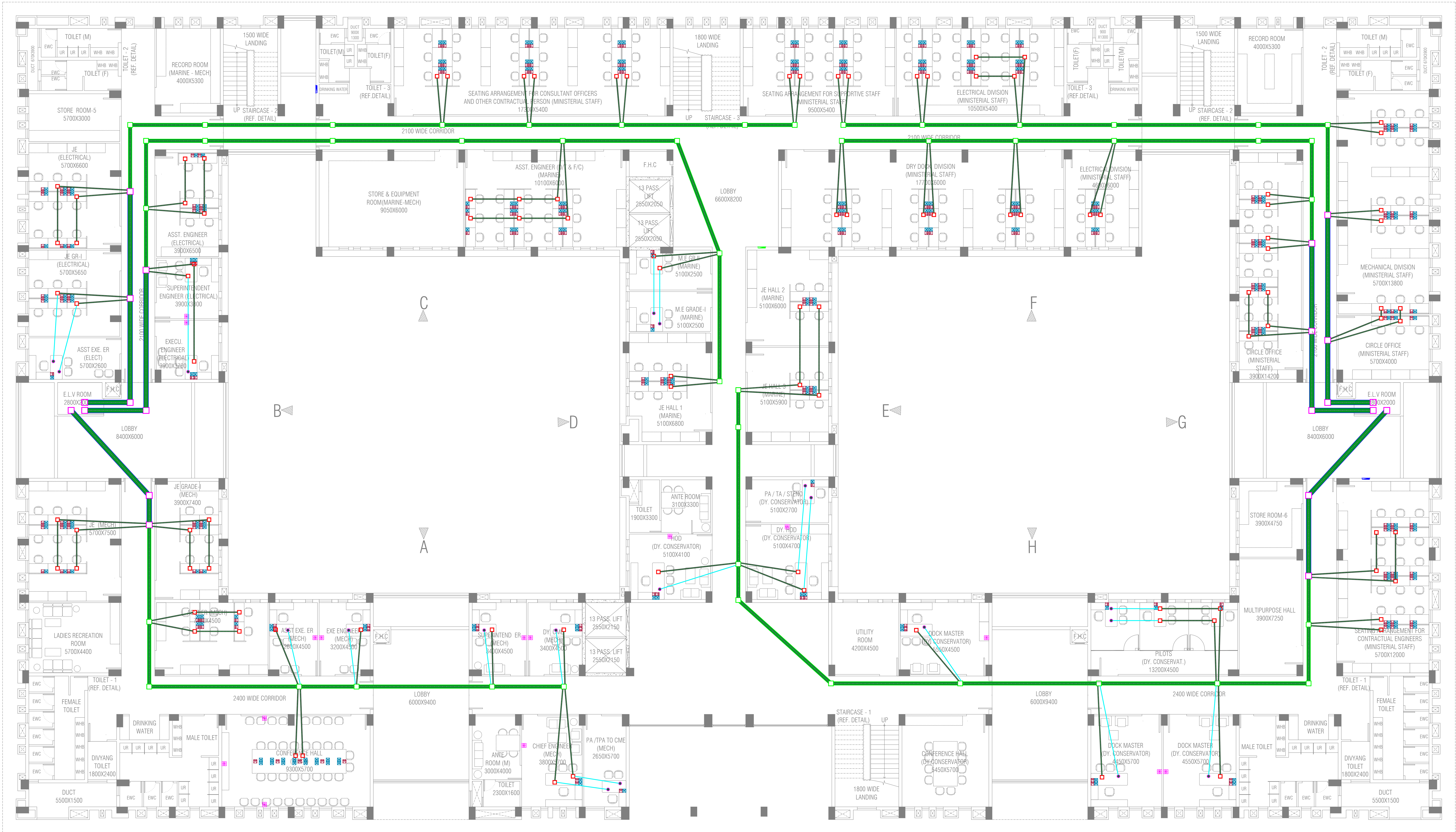
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KANDLA, DEENDAYAL PORT AUTHORITY

NAME OF WORK  
ADMINISTRATIVE BUILDING

TITLE  
ELV SOCKET & RACEWAY LAYOUT- FIRST  
FLOOR PLAN

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DEPARTMENT MEP (DESIGN)	DOC. STATUS FOR TENDER		
DRN. JATIN H.	PROJECT NO. GOBU23005		
CHD. DHIRUVESH K.	DRAWING NO.	SHEET NO.	REV.
SCALE AS SHOWN	GOBU23005-MEP-01	09 OF 37	R0
ISSUE DATE 05-07-2024			
REF. DRG. NO.			
		DEENDAYAL PORT AUTHORITY PROJECT DIVISION	
DATE		SHT. NO.	





1 SECOND FLOOR PLAN  
SCALE 1:100

LEGEND

SL. NO.	DESCRIPTION	SYMBOL	QTY.
1	300X38 METALLIC RACEWAY		82
2	225X38 METALLIC RACEWAY		213
3	50X38 METALLIC RACEWAY		355
4	25 MM DIA. METALLIC CONDUIT		77
5	JUNCTION BOX (150 MM MAX.)		104
6	JUNCTION BOX (225 MM MAX.)		46
7	JUNCTION BOX (300 MM MAX.)		21
8	FLOOR BOX		19
9	NETWORK CABLEING (ADN, ASCON, DCN, VOICE PLAN)		--
10	TV OUTLET POINT		15
11	VOICE POINT FOR INTERCOM		232
12	DATA POINT FOR LAN		243

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ELV SOCKET & RACEWAY LAYOUT- SECOND FLOOR PLAN							
				GEO DESIGNS & RESEARCH (P) LTD.			
APPROVED BY		REGD. OFFICE					
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CHD.	DHARUVESH K.	DRAWING NO.	SHEET NO.		REV.		
SCALE	AS SHOWN	GDBU23005-MEP-01	10 OF 37		R0		
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