

NOTE:
 1. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED, DRAWINGS SHALL NOT BE MEASURED.
 2. ANY DISCREPANCY IF FOUND SHALL BE REPORTED TO THE SITE ENGINEER

CLIENT:
MADAN BHANDARI UNIVERSITY OF SCIENCE AND TECHNOLOGY DEVELOPMENT BOARD
 SETOPATI, WARD 18,
 LALITPUR METROPOLITAN CITY, NEPAL

PROJECT:
 DETAIL ARCHITECTURAL AND ENGINEERING DESIGN
 WORK OF GRADUATE PROGRAM BUILDINGS III & IV
 AND EXTERNAL INFRASTRUCTURE PLANNING
 INCLUDING LANDSCAPING WORKS
 AT
 CHITLAG, THAHA MUNICIPALITY WARD NO.9,
 MAKWANPUR DISTRICT, BAGMATI PROVINCE, NEPAL
CONTRACT NO.: MBUSTDB/CS/QCBS - 01/2078/79 (PACKAGE1-GPB 4 BUILDING)

CONSULTANT:
VAASTUSHILPA ASSOCIATES PVT. LTD.
 GWARKO, LALITPUR

PRINCIPAL ARCHITECT:
MITRA GURAU
 (NEC:1375 "Architecture" "A")

ELECTRICAL ENGINEER:
LILA RAJ GAUTAM
 (NEC: 906 "Electrical" "A")

REVIEWED BY:

DRAWING TITLE:
BASEMENT LIGHT PLAN

REVISIONS:

NUM.	DESCRIPTION	DATE
A	DRAFT	2022/02/06
B	FINAL	2022/02/25

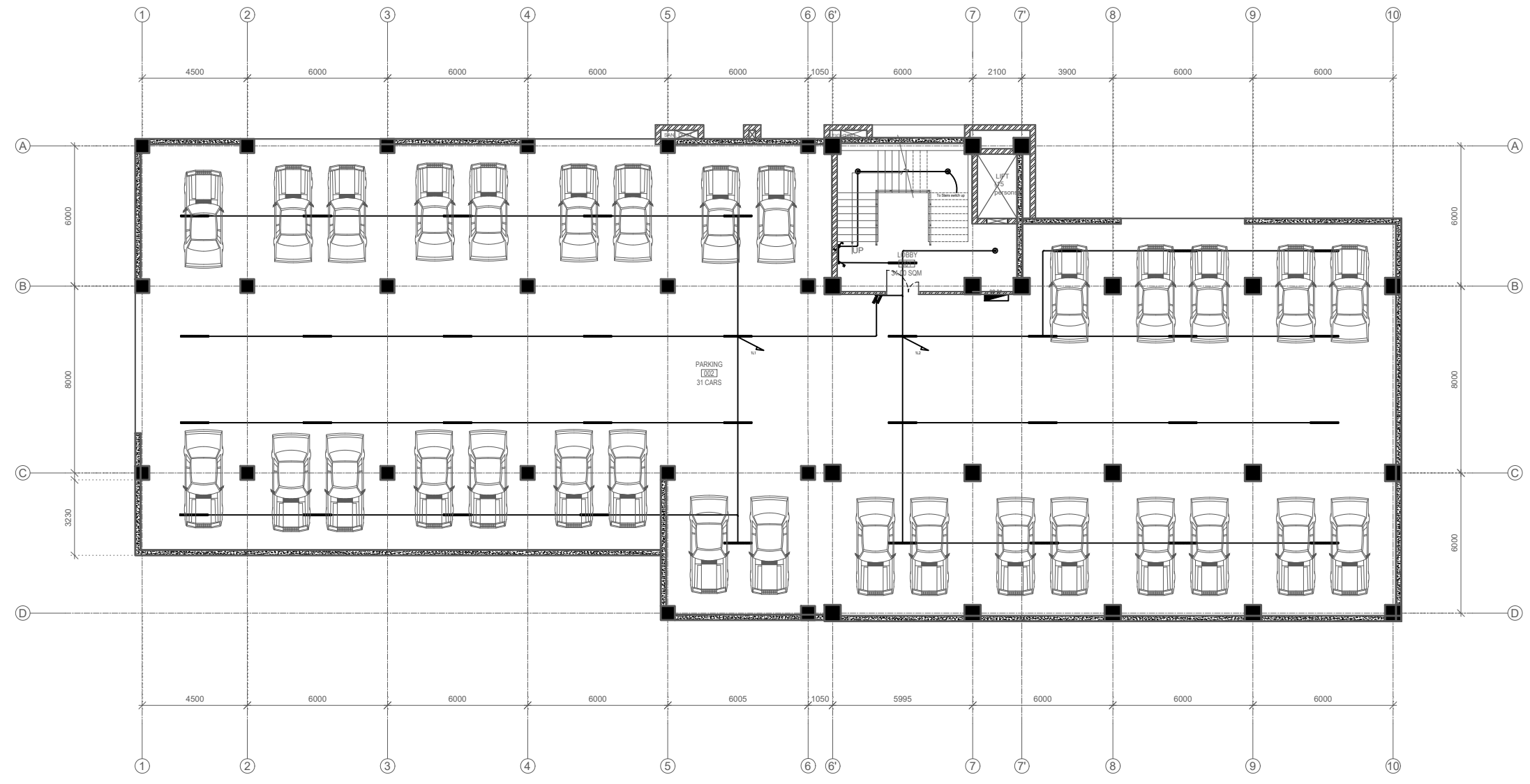
PROJECT NO.: MBUSTDB/CS/QCBS - 01/2078/79

SCALE: 1:200

DATE: FEB., 2022

REVISION NO.: N/A

SHEET NO.
E-101



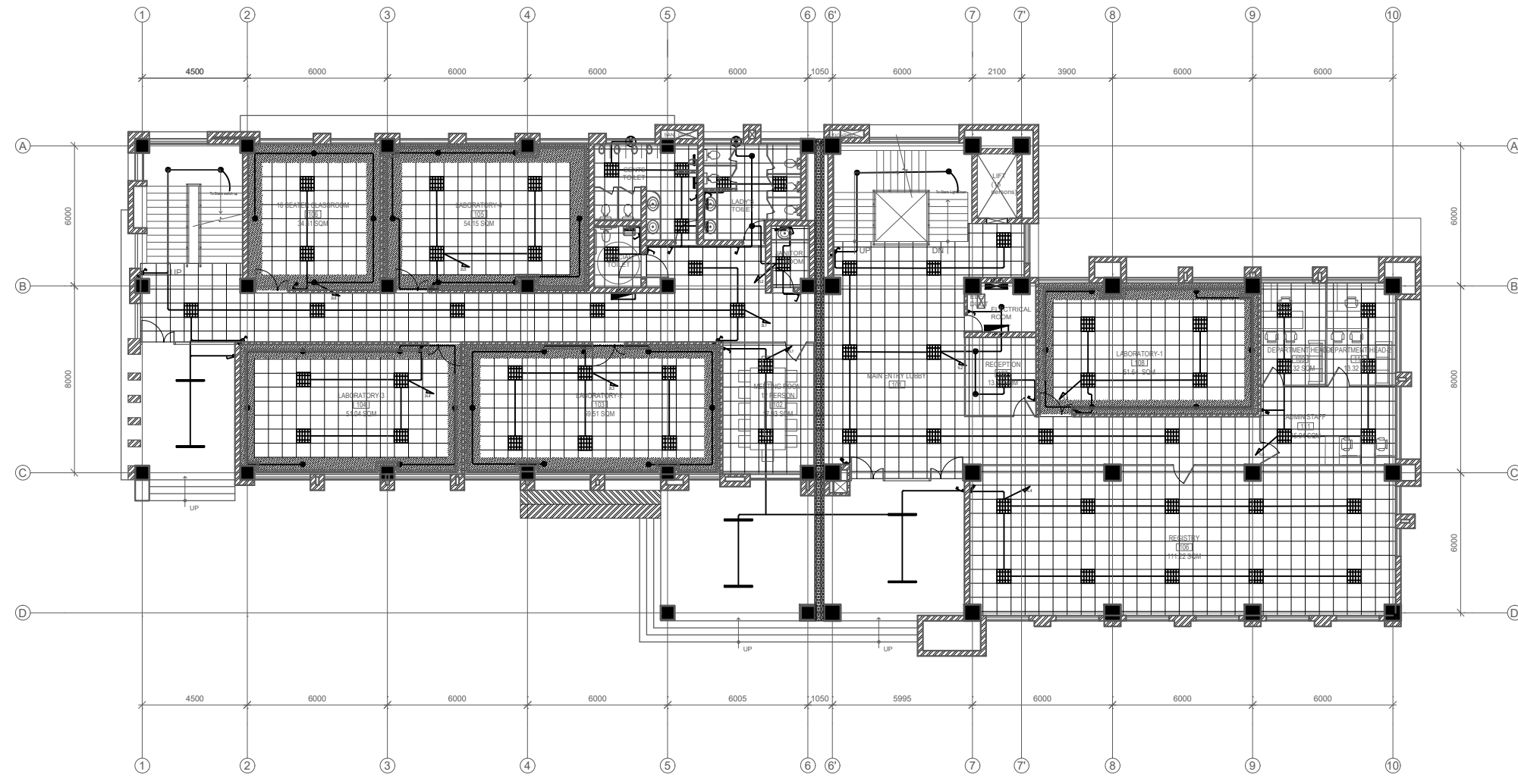
BASEMENT PLAN-GPB4
 AREA=1005.03 SQ. M

ELECTRICAL LEGEND

S.N.	SYMBOL	DESCRIPTION OF THE SYMBOLS
1	[Symbol]	MAIN PANEL / DISTRIBUTION BOARD
2	[Symbol]	SUB DISTRIBUTION BOARD
3	[Symbol]	ONE TWO THREE GANG SINGLE POLE SWITCH
4	[Symbol]	FOUR FIVE SIX GANG SINGLE POLE SWITCH
5	[Symbol]	DOWN LIGHTER WITH 12 WATT LED LAMP
6	[Symbol]	MIRROR/WALL LAMP WITH 8 WATT LED
7	[Symbol]	1x20 WATT TUBE LIGHT FIXTURE
8	[Symbol]	TWO GANG TWO WAY SWITCH
9	[Symbol]	MIRROR LIGHT
10	[Symbol]	36 WATT LED PANEL RECESS FIXTURE 2X2'
11	[Symbol]	CEILING FAN
12	[Symbol]	EXHAUST FAN
13	[Symbol]	15 AMP 3PIN POWER OUTLET
14	[Symbol]	13 AMP Universal PIN POWER OUTLET

CONDUIT SCHEDULE WITH MAXIMUM NO. OF WIRES

SIZE OF CABLE Nominal Cross Sectional Area mm ²	SIZE OF CONDUIT (mm)					
	Number Of Cables Max					
	16	20	25	32	40	50
1.0	5	7	13	20	-	-
1.5	4	6	10	14	-	-
2.5	3	5	10	14	-	-
4	2	4	6	10	14	-
6	-	3	5	9	11	-
10	-	-	4	7	9	-



GROUND FLOOR PLAN-GPB 4
AREA=834.15 SQ. M

ELECTRICAL LEGEND

S.N.	SYMBOL	DESCRIPTION OF THE SYMBOLS
1	[Symbol]	MAIN PANEL / DISTRIBUTION BOARD
2	[Symbol]	SUB DISTRIBUTION BOARD
3	[Symbol]	ONE TWO THREE GANG SINGLE POLE SWITCH
4	[Symbol]	FOUR FIVE SIX GANG SINGLE POLE SWITCH
5	[Symbol]	DOWN LIGHTER WITH 12 WATT LED LAMP
6	[Symbol]	MIRROR/WALL LAMP WITH 8 WATT LED
7	[Symbol]	1x20 WATT TUBE LIGHT FIXTURE
8	[Symbol]	TWO GANG TWO WAY SWITCH
9	[Symbol]	MIRROR LIGHT
10	[Symbol]	36 WATT LED PANEL RECESS FIXTURE 2'X2'
11	[Symbol]	CEILING FAN
12	[Symbol]	EXHAUST FAN
13	[Symbol]	15 AMP 3PIN POWER OUTLET
14	[Symbol]	13 AMP Universal PIN POWER OUTLET

CONDUIT SCHEDULE WITH MAXIMUM NO. OF WIRES

SIZE OF CABLE Nominal Cross Sectional Area mm ²	SIZE OF CONDUIT (mm)					
	Number Of Cables Max					
	16	20	25	32	40	50
1.0	5	7	13	20	-	-
1.5	4	6	10	14	-	-
2.5	3	5	10	14	-	-
4	2	4	6	10	14	-
6	-	3	5	9	11	-
10	-	-	4	7	9	-

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CLIENT:
MADAN BHANDARI UNIVERSITY OF SCIENCE AND TECHNOLOGY DEVELOPMENT BOARD
SETOPATI, WARD 18, LALITPUR METROPOLITAN CITY, NEPAL

PROJECT:
DETAIL ARCHITECTURAL AND ENGINEERING DESIGN WORK OF GRADUATE PROGRAM BUILDINGS III & IV AND EXTERNAL INFRASTRUCTURE PLANNING INCLUDING LANDSCAPING WORKS AT CHITLAG, THAHA MUNICIPALITY WARD NO.9, MAKWANPUR DISTRICT, BAGMATI PROVINCE, NEPAL
CONTRACT NO.: MBUSTDB/CS/QCBS - 01/2078/79 (PACKAGE1-GPB 4 BUILDING)

CONSULTANT:
VAASTUSHILPA ASSOCIATES PVT. LTD.
GWARKO, LALITPUR

PRINCIPAL ARCHITECT:

ELECTRICAL ENGINEER:
LILA RAJ GAUTAM
(NEC: 906 "Electrical" "A")

REVIEWED BY:

DRAWING TITLE:
GROUND FLOOR LIGHT PLAN

REVISIONS:

NUM.	DESCRIPTION	DATE
A	DRAFT	2022/02/06
B	FINAL	2022/02/25

PROJECT NO.: MBUSTDB/CS/QCBS - 01/2078/79

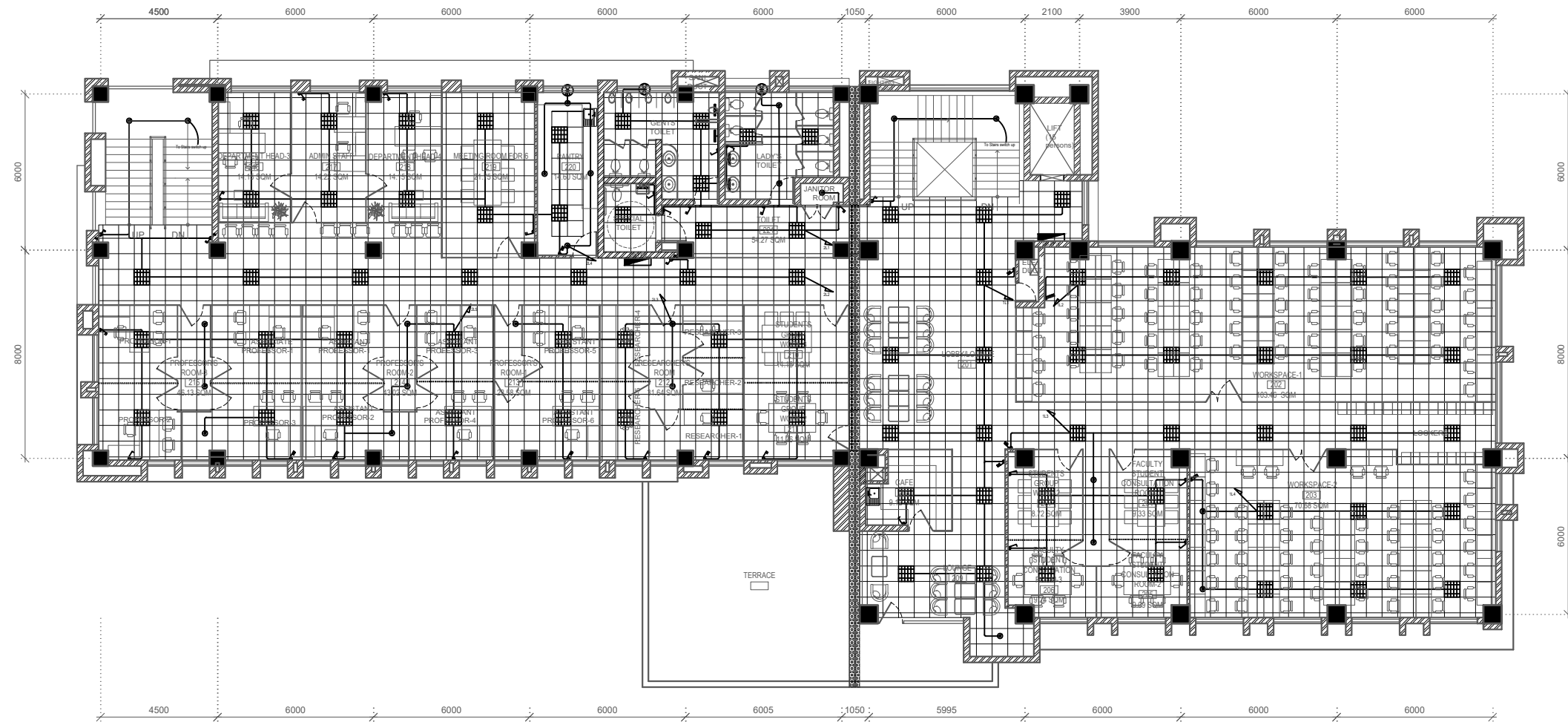
SCALE: 1:200

DATE: FEB., 2022

REVISION NO.: N/A

SHEET NO.

E-202



FIRST FLOOR PLAN-GPB 4
AREA=872.59 SQ. M

ELECTRICAL LEGEND

S.N	SYMBOL	DESCRIPTION OF THE SYMBOLS
1		MAIN PANEL / DISTRIBUTION BOARD
2		SUB DISTRIBUTION BOARD
3		ONE TWO THREE GANG SINGLE POLE SWITCH
4		FOUR FIVE SIX GANG SINGLE POLE SWITCH
5		DOWN LIGHTER WITH 12 WATT LED LAMP
6		MIRROR WALL LAMP WITH 8 WATT LED
7		1x20 WATT TUBE LIGHT FIXTURE
8		TWO GANG TWO WAY SWITCH
9		MIRROR LIGHT
10		36 WATT LED PANEL RECESS FIXTURE 2'X2'
11		CEILING FAN
12		EXHAUST FAN
13		15 AMP 3PIN POWER OUTLET
14		13 AMP Universal PIN POWER OUTLET

CONDUIT SCHEDULE WITH MAXIMUM NO. OF WIRES

SIZE OF CABLE Nominal Cross Sectional Area mm ²	SIZE OF CONDUIT (mm)					
	Number Of Cables Max					
	16	20	25	32	40	50
1.0	5	7	13	20	-	-
1.5	4	6	10	14	-	-
2.5	3	5	10	14	-	-
4	2	4	6	10	14	-
6	-	3	5	9	11	-
10	-	-	4	7	9	-

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CLIENT:
MADAN BHANDARI UNIVERSITY OF SCIENCE AND TECHNOLOGY DEVELOPMENT BOARD
SETOPATI, WARD 18, LALITPUR METROPOLITAN CITY, NEPAL

PROJECT:
DETAIL ARCHITECTURAL AND ENGINEERING DESIGN WORK OF GRADUATE PROGRAM BUILDINGS III & IV AND EXTERNAL INFRASTRUCTURE PLANNING INCLUDING LANDSCAPING WORKS AT CHITLAG, THAHA MUNICIPALITY WARD NO.9, MAKWANPUR DISTRICT, BAGMATI PROVINCE, NEPAL
CONTRACT NO.: MBUSTDB/CS/QCBS - 01/2078/79 (PACKAGE1-GPB 4 BUILDING)

CONSULTANT:
VAASTUSHILPA ASSOCIATES PVT. LTD.
GWARKO, LALITPUR

PRINCIPAL ARCHITECT:

ELECTRICAL ENGINEER:
LILA RAJ GAUTAM
(NEC: 906 "Electrical" "A")

REVIEWED BY:

DRAWING TITLE:
FIRST FLOOR LIGHT PLAN

REVISIONS:

NUM.	DESCRIPTION	DATE
A	DRAFT	2022/02/06
B	FINAL	2022/02/25

PROJECT NO.: MBUSTDB/CS/QCBS - 01/2078/79

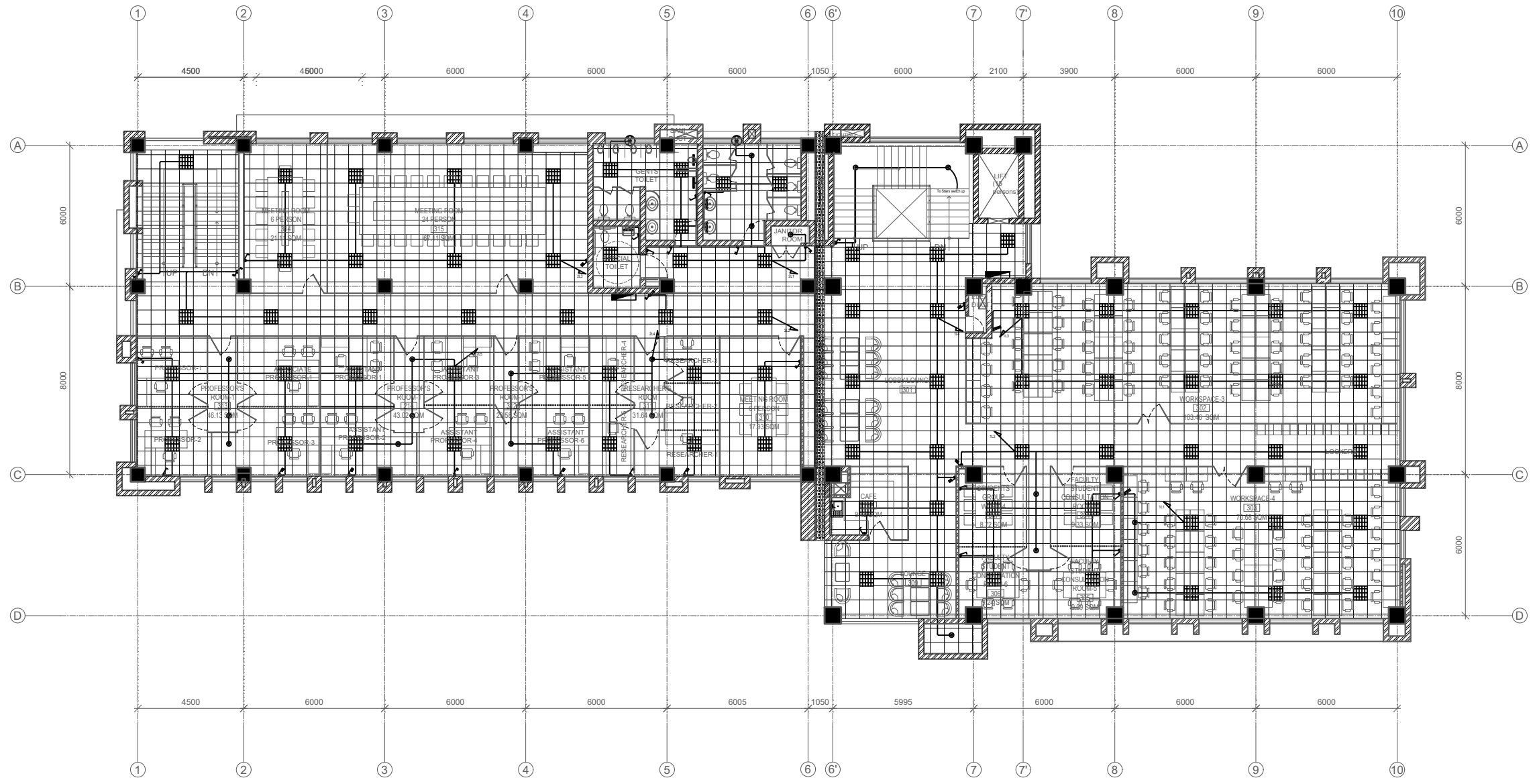
SCALE: 1:200

DATE: FEB., 2022

REVISION NO.: N/A

SHEET NO.

E-203



SECOND FLOOR PLAN-GPB4
AREA=872.59 SQ. M

ELECTRICAL LEGEND

S.N.	SYMBOL	DESCRIPTION OF THE SYMBOLS
1	[Symbol]	MAIN PANEL / DISTRIBUTION BOARD
2	[Symbol]	SUB DISTRIBUTION BOARD
3	[Symbol]	ONE TWO THREE GANG SINGLE POLE SWITCH
4	[Symbol]	FOUR FIVE SIX GANG SINGLE POLE SWITCH
5	[Symbol]	DOWN LIGHTER WITH 12 WATT LED LAMP
6	[Symbol]	MIRROR/WALL LAMP WITH 8 WATT LED
7	[Symbol]	1x20 WATT TUBE LIGHT FIXTURE
8	[Symbol]	TWO GANG TWO WAY SWITCH
9	[Symbol]	MIRROR LIGHT
10	[Symbol]	36 WATT LED PANEL/RECESS FIXTURE 2'x2'
11	[Symbol]	CEILING FAN
12	[Symbol]	EXHAUST FAN
13	[Symbol]	15 AMP 3PIN POWER OUTLET
14	[Symbol]	13 AMP Universal PIN POWER OUTLET

CONDUIT SCHEDULE WITH MAXIMUM NO. OF WIRES

SIZE OF CABLE Nominal Cross Sectional Area mm ²	SIZE OF CONDUIT (mm)					
	Number Of Cables Max					
	16	20	25	32	40	50
1.0	5	7	13	20	-	-
1.5	4	6	10	14	-	-
2.5	3	5	10	14	-	-
4	2	4	6	10	14	-
6	-	3	5	9	11	-
10	-	-	4	7	9	-

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CLIENT:
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SETOPATI, WARD 18, LALITPUR METROPOLITAN CITY, NEPAL

PROJECT:
DETAIL ARCHITECTURAL AND ENGINEERING DESIGN WORK OF GRADUATE PROGRAM BUILDINGS III & IV AND EXTERNAL INFRASTRUCTURE PLANNING INCLUDING LANDSCAPING WORKS AT CHITLAG, THAHA MUNICIPALITY WARD NO.9, MAKWANPUR DISTRICT, BAGMATI PROVINCE, NEPAL
CONTRACT NO.: MBUSTDB/CS/QCBS - 01/2078/79 (PACKAGE1-GPB 4 BUILDING)

CONSULTANT:
VAASTUSHILPA ASSOCIATES PVT. LTD.
GWARKO, LALITPUR

PRINCIPAL ARCHITECT:
MITRA GURAU
(NEC: 1375 "Architecture" "A")

ELECTRICAL ENGINEER:
LILA RAJ GAUTAM
(NEC: 906 "Electrical" "A")

REVIEWED BY:

DRAWING TITLE:
SECOND FLOOR LIGHT PLAN

REVISIONS:

NUM.	DESCRIPTION	DATE
A	DRAFT	2022/02/06
B	FINAL	2022/02/25

PROJECT NO.: MBUSTDB/CS/QCBS - 01/2078/79

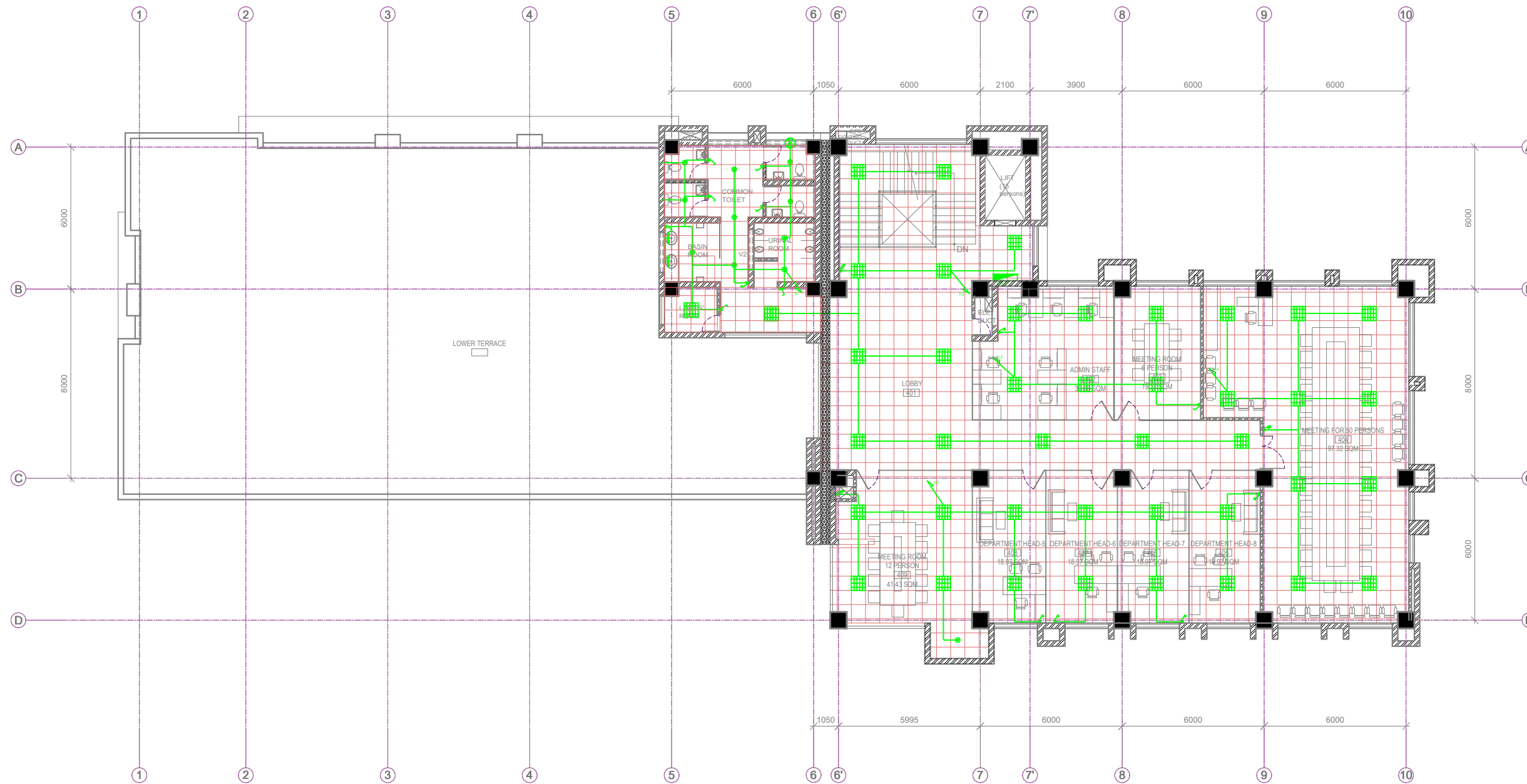
SCALE: 1:200

DATE: FEB., 2022

REVISION NO.: N/A

SHEET NO.

E-204



TOP FLOOR PLAN-GPB 4
AREA=496.97 SQ. M

ELECTRICAL LEGEND

S.N.	SYMBOL	DESCRIPTION OF THE SYMBOLS
1		MAIN PANEL / DISTRIBUTION BOARD
2		SUB DISTRIBUTION BOARD
3		ONE TWO THREE GANG SINGLE POLE SWITCH
4		FOUR FIVE SIX GANG SINGLE POLE SWITCH
5		DOWN LIGHTER WITH 12 WATT LED LAMP
6		MIRROR/WALL LAMP WITH 9 WATT LED
7		1x20 WATT TUBE LIGHT FIXTURE
8		TWO GANG TWO WAY SWITCH
9		MIRROR LIGHT
10		36 WATT LED PANEL RECESS FIXTURE 2'X2'
11		CEILING FAN
12		EXHAUST FAN
13		15 AMP 3PIN POWER OUTLET
14		13 AMP Universal PIN POWER OUTLET

CONDUIT SCHEDULE WITH MAXIMUM NO. OF WIRES

SIZE OF CABLE Nominal Cross Sectional Area mm ²	SIZE OF CONDUIT (mm)					
	Number Of Cables Max					
	16	20	25	32	40	50
1.0	5	7	13	20	-	-
1.5	4	6	10	14	-	-
2.5	3	5	10	14	-	-
4	2	4	6	10	14	-
6	-	3	5	9	11	-
10	-	-	4	7	9	-

NOTE:
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SETOPATI, WARD 18,
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PROJECT:
DETAIL ARCHITECTURAL AND ENGINEERING DESIGN
WORK OF GRADUATE PROGRAM BUILDINGS III & IV
AND EXTERNAL INFRASTRUCTURE PLANNING
INCLUDING LANDSCAPING WORKS
AT
CHITLAG, THAHA MUNICIPALITY WARD NO.9,
MAKWANPUR DISTRICT, BAGMATI PROVINCE, NEPAL
CONTRACT NO.: MBUSTDB/CS/QCBS - 01/2078/79
(PACKAGE1-GPB 4 BUILDING)

CONSULTANT:

VAASTUSHILPA ASSOCIATES PVT. LTD.
GWARKO, LALITPUR

PRINCIPAL ARCHITECT:

MITRA GURAU
(NEC: 1375 "Architecture" "A")

ELECTRICAL ENGINEER:

LILA RAJ GAUTAM
(NEC: 906 "Electrical" "A")

REVIEWED BY:

DRAWING TITLE:

TOP FLOOR LIGHT PLAN

REVISIONS:

NUM.	DESCRIPTION	DATE
A	DRAFT	2022/02/06
B	FINAL	2022/02/25

PROJECT NO.: MBUSTDB/CS/QCBS - 01/2078/79

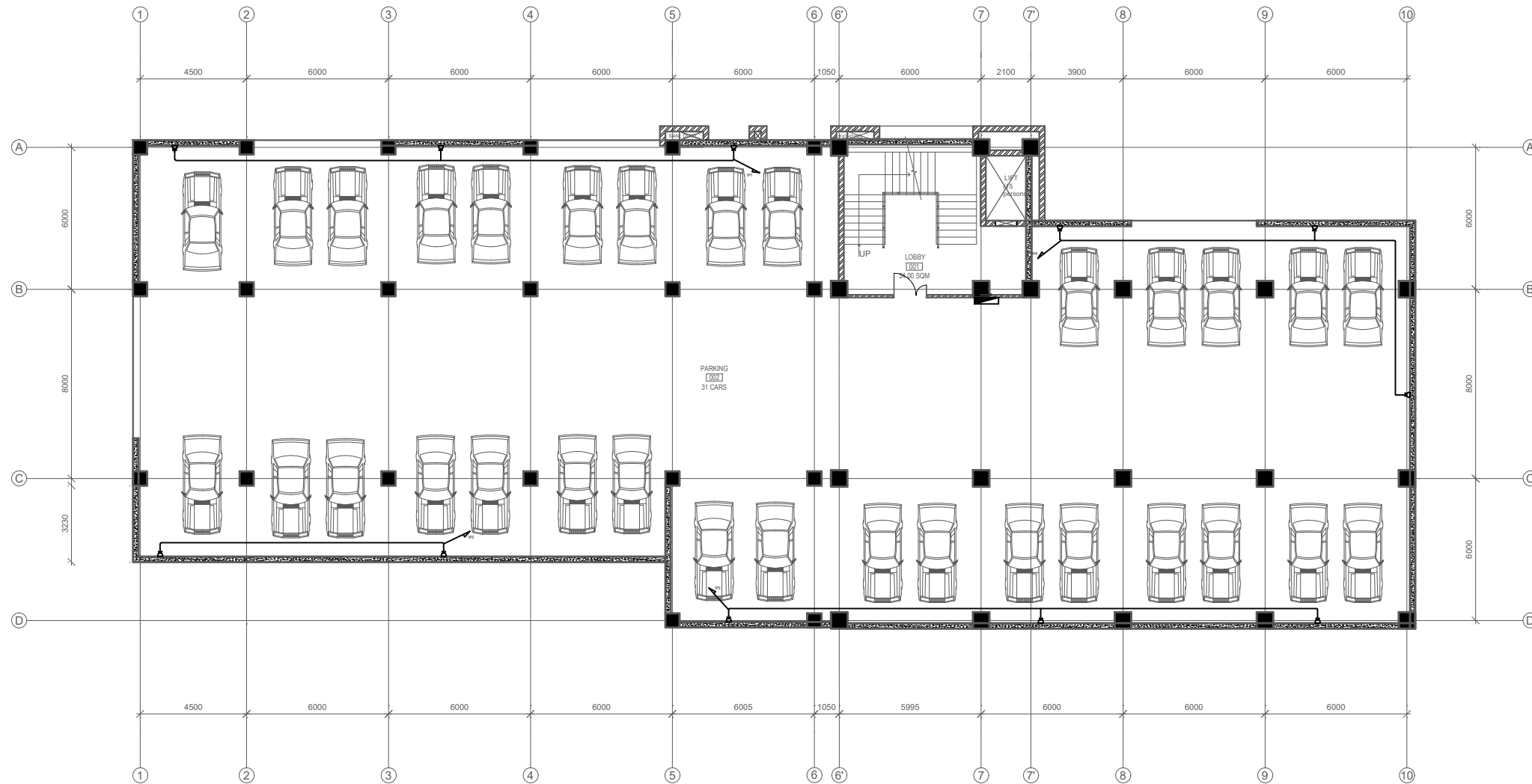
SCALE: 1:200

DATE: FEB., 2022

REVISION NO.: N/A

SHEET NO.

E-205



BASEMENT PLAN-GPB4
AREA=1005.03 SQ. M

ELECTRICAL LEGEND

S.N.	SYMBOL	DESCRIPTION OF THE SYMBOLS
1		MAIN PANEL / DISTRIBUTION BOARD
2		SUB DISTRIBUTION BOARD
3		ONE TWO THREE GANG SINGLE POLE SWITCH
4		FOUR FIVE SIX GANG SINGLE POLE SWITCH
5		DOWN LIGHTER WITH 12 WATT LED LAMP
6		MIRROR/WALL LAMP WITH 8 WATT LED
7		1x20 WATT TUBE LIGHT FIXTURE
8		TWO GANG TWO WAY SWITCH
9		MIRROR LIGHT
10		36 WATT LED PANEL RECESS FIXTURE 2'X2'
11		CEILING FAN
12		EXHAUST FAN
13		15 AMP 3PIN POWER OUTLET
14		13 AMP UNIVERSAL PIN POWER OUTLET

CONDUIT SCHEDULE WITH MAXIMUM NO. OF WIRES

SIZE OF CABLE Nominal Cross Sectional Area mm ²	SIZE OF CONDUIT (mm)					
	Number Of Cables Max					
	16	20	25	32	40	50
1.0	5	7	13	20	-	-
1.5	4	6	10	14	-	-
2.5	3	5	10	14	-	-
4	2	4	6	10	14	-
6	-	3	5	9	11	-
10	-	-	4	7	9	-

NOTE:
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SETOPATI, WARD 18, LALITPUR METROPOLITAN CITY, NEPAL

PROJECT:
DETAIL ARCHITECTURAL AND ENGINEERING DESIGN WORK OF GRADUATE PROGRAM BUILDINGS III & IV AND EXTERNAL INFRASTRUCTURE PLANNING INCLUDING LANDSCAPING WORKS AT CHITLAG, THAHA MUNICIPALITY WARD NO.9, MAKWANPUR DISTRICT, BAGMATI PROVINCE, NEPAL
CONTRACT NO.: MBUSTDB/CS/QCBS - 01/2078/79 (PACKAGE1-GPB 4 BUILDING)

CONSULTANT:
VAASTUSHILPA ASSOCIATES PVT. LTD.
GWARKO, LALITPUR

PRINCIPAL ARCHITECT:
MITRA GURAU
(NEC:1375 "Architecture" "A")

ELECTRICAL ENGINEER:
LILA RAJ GAUTAM
(NEC: 906 "Electrical" "A")

REVIEWED BY:

DRAWING TITLE:
BASEMENT POWER PLAN

REVISIONS:

NUM.	DESCRIPTION	DATE
A	DRAFT	2022/02/06
B	FINAL	2022/02/25

PROJECT NO.: MBUSTDB/CS/QCBS - 01/2078/79

SCALE: 1:200

DATE: FEB., 2022

REVISION NO.: N/A

SHEET NO.

E-301

NOTE:
 1. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED, DRAWINGS SHALL NOT BE MEASURED.
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 SETOPATI, WARD 18, LALITPUR METROPOLITAN CITY, NEPAL

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 CONTRACT NO.: MBUSTDB/CS/QCBS - 01/2078/79 (PACKAGE1-GPB 4 BUILDING)

CONSULTANT:
VAASTUSHILPA ASSOCIATES PVT. LTD.
 GWARKO, LALITPUR

PRINCIPAL ARCHITECT:
MITRA GURAU
 (NEC:1375 "Architecture" "A")

ELECTRICAL ENGINEER:
LILA RAJ GAUTAM
 (NEC: 906 "Electrical" "A")

REVIEWED BY:

DRAWING TITLE:
GROUND FLOOR POWER PLAN

REVISIONS:

NUM.	DESCRIPTION	DATE
A	DRAFT	2022/02/06
B	FINAL	2022/02/25

PROJECT NO.: MBUSTDB/CS/QCBS - 01/2078/79

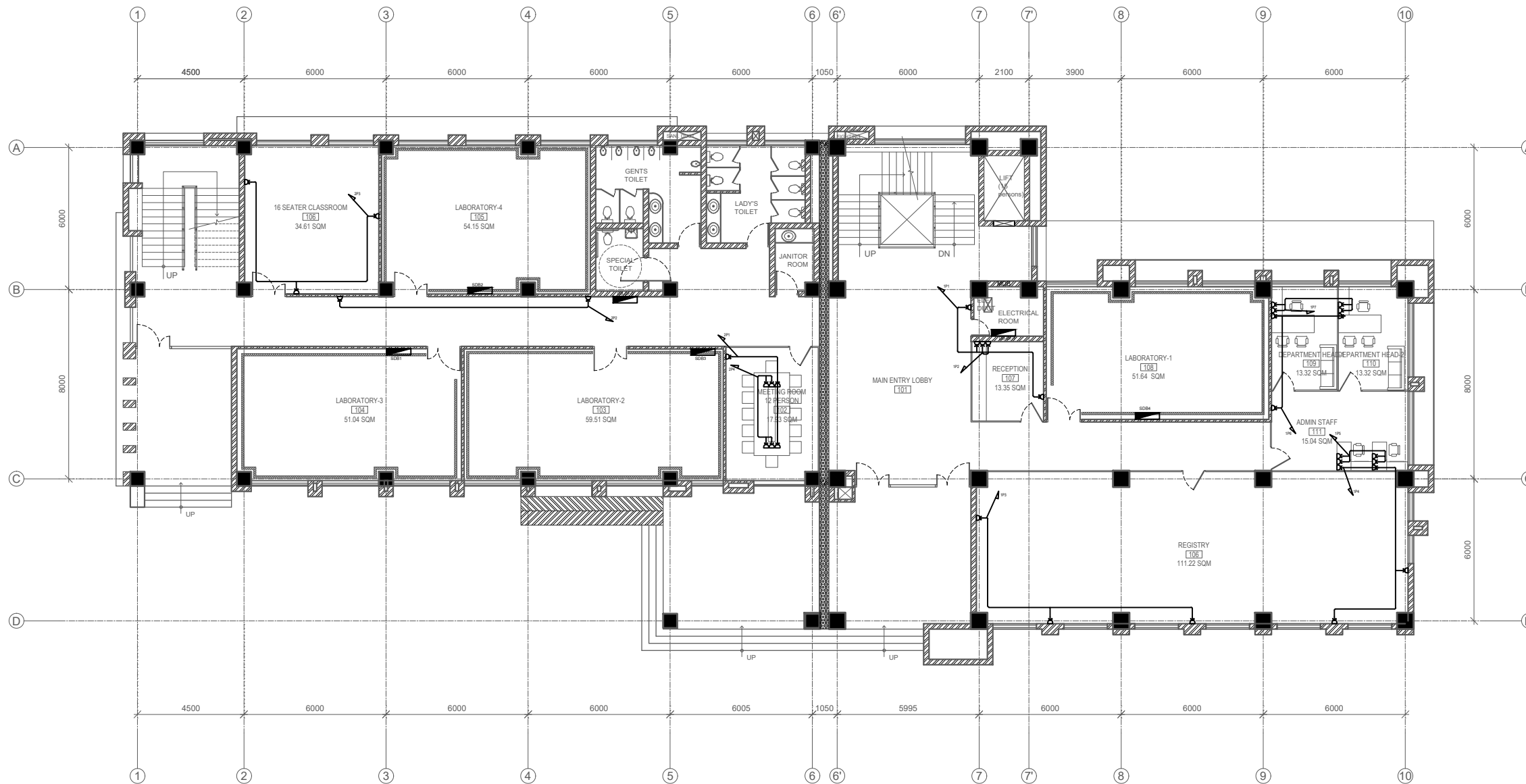
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DATE: FEB., 2022

REVISION NO.: N/A

SHEET NO.

E-302



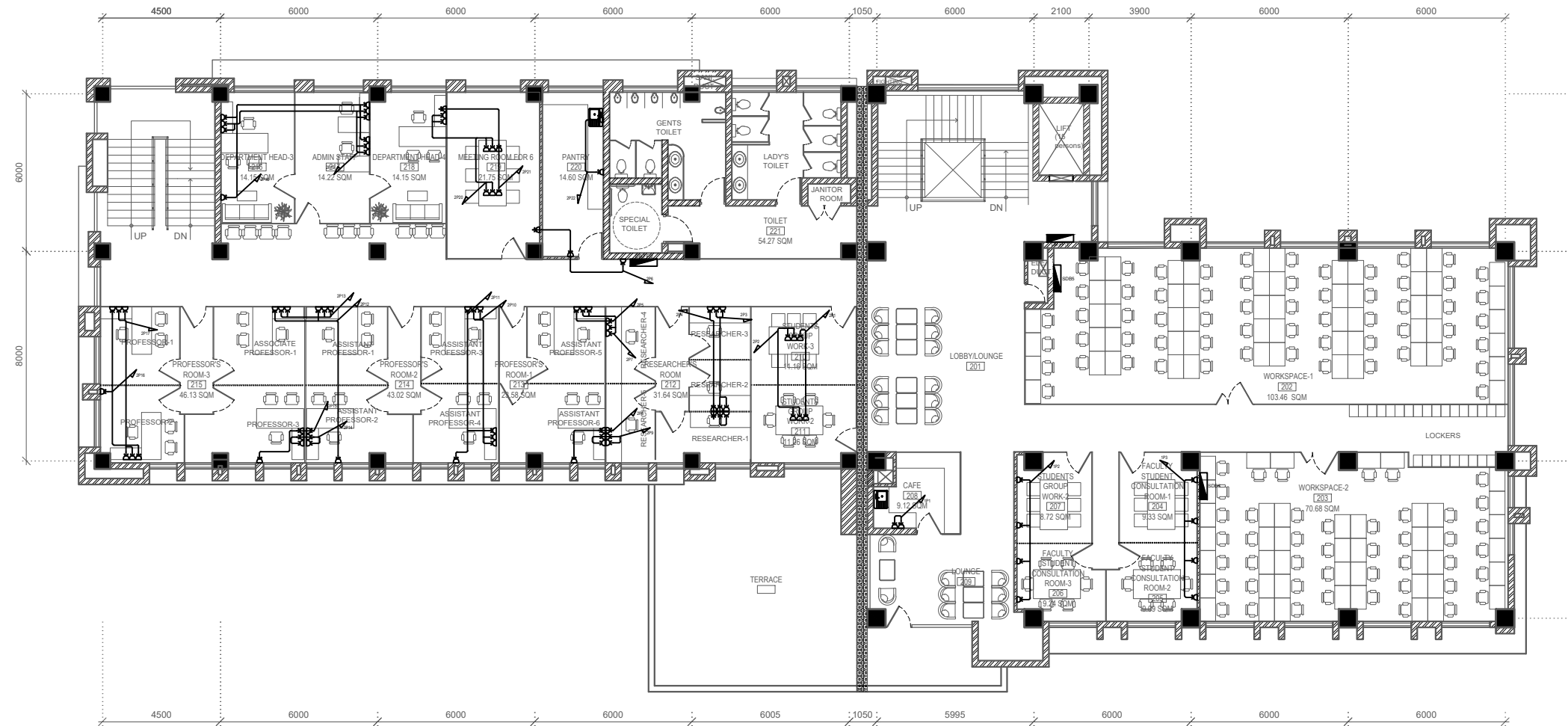
GROUND FLOOR PLAN-GPB 4
 AREA=834.15 SQ. M

ELECTRICAL LEGEND

S.N	SYMBOL	DESCRIPTION OF THE SYMBOLS
1	[Symbol]	MAIN PANEL / DISTRIBUTION BOARD
2	[Symbol]	SUB DISTRIBUTION BOARD
3	[Symbol]	ONE TWO THREE GANG SINGLE POLE SWITCH
4	[Symbol]	FOUR FIVE SIX GANG SINGLE POLE SWITCH
5	[Symbol]	DOWN LIGHTER WITH 12 WATT LED LAMP
6	[Symbol]	MIRRORWALL LAMP WITH 8 WATT LED
7	[Symbol]	1x20 WATT TUBE LIGHT FIXTURE
8	[Symbol]	TWO GANG TWO WAY SWITCH
9	[Symbol]	MIRROR LIGHT
10	[Symbol]	36 WATT LED PANEL RECESS FIXTURE 2X2'
11	[Symbol]	CEILING FAN
12	[Symbol]	EXHAUST FAN
13	[Symbol]	15 AMP 3PIN POWER OUTLET
14	[Symbol]	15 AMP Universal PIN POWER OUTLET

CONDUIT SCHEDULE WITH MAXIMUM NO. OF WIRES

SIZE OF CABLE Nominal Cross Sectional Area mm ²	SIZE OF CONDUIT (mm)					
	Number Of Cables Max					
	16	20	25	32	40	50
1.0	5	7	13	20	-	-
1.5	4	6	10	14	-	-
2.5	3	5	10	14	-	-
4	2	4	6	10	14	-
6	-	3	5	9	11	-
10	-	-	4	7	9	-



FIRST FLOOR PLAN-GPB 4
AREA=872.59 SQ. M

ELECTRICAL LEGEND

S.N.	SYMBOL	DESCRIPTION OF THE SYMBOLS
1	[Symbol]	MAIN PANEL / DISTRIBUTION BOARD
2	[Symbol]	SUB DISTRIBUTION BOARD
3	[Symbol]	ONE TWO THREE GANG SINGLE POLE SWITCH
4	[Symbol]	FOUR FIVE SIX GANG SINGLE POLE SWITCH
5	[Symbol]	DOWN LIGHTER WITH 12 WATT LED LAMP
6	[Symbol]	MIRROR/WALL LAMP WITH 8 WATT LED
7	[Symbol]	120 WATT TUBE LIGHT FIXTURE
8	[Symbol]	TWO GANG TWO WAY SWITCH
9	[Symbol]	MIRROR LIGHT
10	[Symbol]	36 WATT LED PANEL/RECESS FIXTURE 2X2
11	[Symbol]	CEILING FAN
12	[Symbol]	EXHAUST FAN
13	[Symbol]	15 AMP 3PN POWER OUTLET
14	[Symbol]	13 AMP Universal IPN POWER OUTLET

CONDUIT SCHEDULE WITH MAXIMUM NO. OF WIRES

Nominal Cross Sectional Area mm ²	SIZE OF CONDUIT (mm)					
	Number Of Cables Max					
	16	20	25	32	40	50
1.0	5	7	13	20	-	-
1.5	4	6	10	14	-	-
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4	2	4	6	10	14	-
6	-	3	5	9	11	-
10	-	-	4	7	9	-

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CONTRACT NO.: MBUSTDB/CS/QCBS - 01/2078/79 (PACKAGE1-GPB 4 BUILDING)

CONSULTANT:
VAASTUSHILPA ASSOCIATES PVT. LTD.
GWARKO, LALITPUR

PRINCIPAL ARCHITECT:
MITRA GURAU
(NEC:1375 "Architecture" "A")

ELECTRICAL ENGINEER:
LILA RAJ GAUTAM
(NEC: 906 "Electrical" "A")

REVIEWED BY:

DRAWING TITLE:
FIRST FLOOR POWER PLAN

REVISIONS:

NUM.	DESCRIPTION	DATE
A	DRAFT	2022/02/06
B	FINAL	2022/02/25

PROJECT NO.: MBUSTDB/CS/QCBS - 01/2078/79

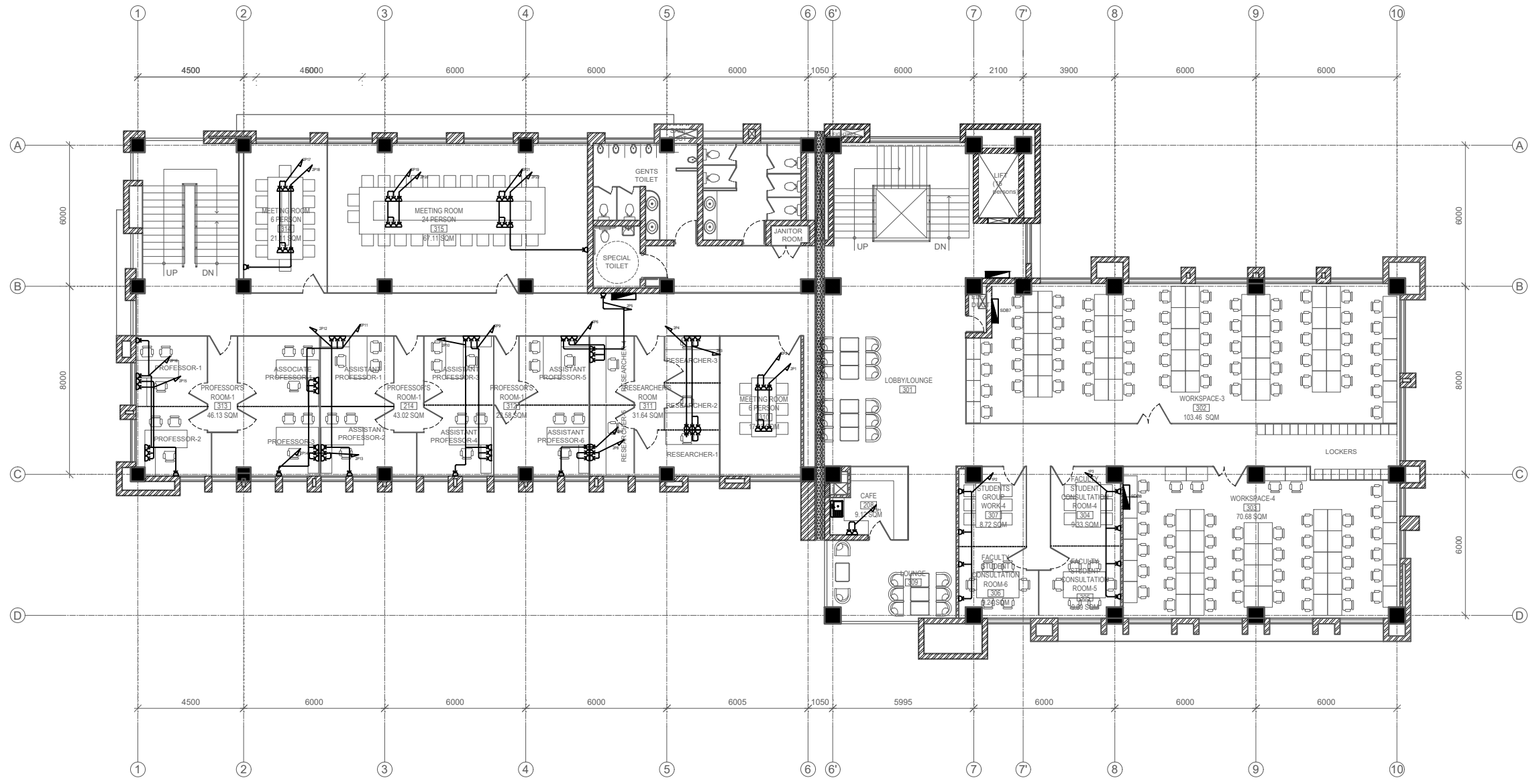
SCALE: 1:200

DATE: FEB., 2022

REVISION NO.: N/A

SHEET NO.

E-303



SECOND FLOOR PLAN-GPB4
AREA=872.59 SQ. M

ELECTRICAL LEGEND

S.N.	SYMBOL	DESCRIPTION OF THE SYMBOLS
1	[Symbol]	MAIN PANEL / DISTRIBUTION BOARD
2	[Symbol]	SUB DISTRIBUTION BOARD
3	[Symbol]	ONE TWO THREE GANG SINGLE POLE SWITCH
4	[Symbol]	FOUR FIVE SIX GANG SINGLE POLE SWITCH
5	[Symbol]	DOWN LIGHTER WITH 12 WATT LED LAMP
6	[Symbol]	MIRROR/WALL LAMP WITH 8 WATT LED
7	[Symbol]	1x20 WATT TUBE LIGHT FIXTURE
8	[Symbol]	TWO GANG TWO WAY SWITCH
9	[Symbol]	MIRROR LIGHT
10	[Symbol]	36 WATT LED PANEL/RECESS FIXTURE 2'x2'
11	[Symbol]	CEILING FAN
12	[Symbol]	EXHAUST FAN
13	[Symbol]	15 AMP 3PIN POWER OUTLET
14	[Symbol]	13 AMP Universal PIN POWER OUTLET

CONDUIT SCHEDULE WITH MAXIMUM NO. OF WIRES

Nominal Cross Sectional Area mm ²	SIZE OF CONDUIT (mm)				
	16	20	25	32	40
1.0	5	7	13	20	-
1.5	4	6	10	14	-
2.5	3	5	10	14	-
4	2	4	6	10	14
6	-	3	5	9	11
10	-	-	4	7	9

NOTE:
1. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED, DRAWINGS SHALL NOT BE MEASURED.
2. ANY DISCREPANCY IF FOUND SHALL BE REPORTED TO THE SITE ENGINEER

CLIENT:
MADAN BHANDARI UNIVERSITY OF SCIENCE AND TECHNOLOGY DEVELOPMENT BOARD
SETOPATI, WARD 18, LALITPUR METROPOLITAN CITY, NEPAL

PROJECT:
DETAIL ARCHITECTURAL AND ENGINEERING DESIGN WORK OF GRADUATE PROGRAM BUILDINGS III & IV AND EXTERNAL INFRASTRUCTURE PLANNING INCLUDING LANDSCAPING WORKS AT CHITLAG, THAHA MUNICIPALITY WARD NO.9, MAKWANPUR DISTRICT, BAGMATI PROVINCE, NEPAL
CONTRACT NO.: MBUSTDB/CS/QCBS - 01/2078/79 (PACKAGE1-GPB 4 BUILDING)

CONSULTANT:
VAASTUSHILPA ASSOCIATES PVT. LTD.
GWARKO, LALITPUR

PRINCIPAL ARCHITECT:
MITRA GURAU
(NEC:1375 "Architecture" "A")

ELECTRICAL ENGINEER:
LILA RAJ GAUTAM
(NEC: 906 "Electrical" "A")

REVIEWED BY:

DRAWING TITLE:
SECOND FLOOR POWER PLAN

REVISIONS:

NUM.	DESCRIPTION	DATE
A	DRAFT	2022/02/06
B	FINAL	2022/02/25

PROJECT NO.: MBUSTDB/CS/QCBS - 01/2078/79

SCALE: 1:200

DATE: FEB., 2022

REVISION NO.: N/A

SHEET NO.

E-304

NOTE:
 1. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED, DRAWINGS SHALL NOT BE MEASURED.
 2. ANY DISCREPANCY IF FOUND SHALL BE REPORTED TO THE SITE ENGINEER

CLIENT:
MADAN BHANDARI UNIVERSITY OF SCIENCE AND TECHNOLOGY DEVELOPMENT BOARD
 SETOPATI, WARD 18, LALITPUR METROPOLITAN CITY, NEPAL

PROJECT:
 DETAIL ARCHITECTURAL AND ENGINEERING DESIGN WORK OF GRADUATE PROGRAM BUILDINGS III & IV AND EXTERNAL INFRASTRUCTURE PLANNING INCLUDING LANDSCAPING WORKS AT CHITLAG, THAHA MUNICIPALITY WARD NO.9, MAKWANPUR DISTRICT, BAGMATI PROVINCE, NEPAL
 CONTRACT NO.: MBUSTDB/CS/QCBS - 01/2078/79 (PACKAGE1-GPB 4 BUILDING)

CONSULTANT:
VAASTUSHILPA ASSOCIATES PVT. LTD.
 GWARKO, LALITPUR

PRINCIPAL ARCHITECT:
MITRA GURAU
 (NEC:1375 "Architecture" "A")

ELECTRICAL ENGINEER:
LILA RAJ GAUTAM
 (NEC: 906 "Electrical" "A")

REVIEWED BY:

DRAWING TITLE:
TOP FLOOR POWER PLAN

REVISIONS:

NUM.	DESCRIPTION	DATE
A	DRAFT	2022/02/06
B	FINAL	2022/02/25

PROJECT NO.: MBUSTDB/CS/QCBS - 01/2078/79

SCALE: 1:200

DATE: FEB., 2022

REVISION NO.: N/A

SHEET NO.

E-305



TOP FLOOR PLAN-GPB 4
 AREA=496.97 SQ. M

ELECTRICAL LEGEND

S.N.	SYMBOL	DESCRIPTION OF THE SYMBOLS
1	[Symbol]	MAIN PANEL / DISTRIBUTION BOARD
2	[Symbol]	SUB DISTRIBUTION BOARD
3	[Symbol]	ONE TWO THREE GANG SINGLE POLE SWITCH
4	[Symbol]	FOUR FIVE SIX GANG SINGLE POLE SWITCH
5	[Symbol]	DOWN LIGHTER WITH 12 WATT LED LAMP
6	[Symbol]	MIRROR/WALL LAMP WITH 8 WATT LED
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8	[Symbol]	TWO GANG TWO WAY SWITCH
9	[Symbol]	MIRROR LIGHT
10	[Symbol]	36 WATT LED PANEL/RECESS FIXTURE 2X2
11	[Symbol]	CEILING FAN
12	[Symbol]	EXHAUST FAN
13	[Symbol]	15 AMP 3PIN POWER OUTLET
14	[Symbol]	13 AMP Universal PIN POWER OUTLET

CONDUIT SCHEDULE WITH MAXIMUM NO. OF WIRES

SIZE OF CABLE Nominal Cross Sectional Area mm ²	SIZE OF CONDUIT (mm)					
	Number Of Cables Max					
	16	20	25	32	40	50
1.0	5	7	13	20	-	-
1.5	4	6	10	14	-	-
2.5	3	5	10	14	-	-
4	2	4	6	10	14	-
6	-	3	5	9	11	-
10	-	-	4	7	9	-