

GROUND FLOOR PLAN

NOTES:  
 1. 250MM WIDE BRICKS TO BE USED FOR WALLS.  
 2. ALL PAINTS TO BE ECO-FRIENDLY WITH LOW V.O.C.  
 3. CERAMIC TILES WITH RECYCLED CONTENTS TO BE USED.  
 4. LOW FLOW TOILET FIXTURES TO BE USED.  
 5. 40.00 CORRESPONDS TO FINISHED ROAD TOP LEVEL.  
 6. 12 MM DROP IN FINISH SLAB TO BE MAINTAINED FROM INSIDE THE ROOM TO THE VERANDA/HBALCONY/TERRACE ETC.  
 7. 180 MM SI OPE APPROXIMATELY TO BE MAINTAINED FOR DRAINAGE AT ROOF LVL.  
 8. ALL FINISH FLOOR LEVELS (EXTERNAL/INTERNAL) MUST BE LAID IN PROPER SLOPE & DIRECTION AS MAY BE REQUIRED AS/NORMAL ENGINEERING PRACTISE.

REV	DATE	ZONE	DESCRIPTION	BY	VERIFIED	REFERENCES	DRG.NO.	CHECKED AND VERIFIED	SIG	DATE	SCALE	DRG.NO.	SHEET	REV
CONCURRED BY													1	0

REV.NO	DATE	ZONE	DESCRIPTION	BY	VERIFIED	REFERENCES	DRG.NO.	CHECKED AND VERIFIED	SIG	DATE	SCALE	DRG.NO.	SHEET	REV
													1	0

SCHEDULE OF FINISHES(OUTSIDE) - Granite & zinc cladding

AREA - 322 Sq M.

FOR TENDER PURPOSE ONLY

**INDRADHANUSH GAS GRID LTD.**

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**MECON LIMITED**

NORTH - EAST GAS GRID PIPELINE PROJECT

CANTEEN BUILDING FOR COMPRESSOR STATION AT GUWAHATI

GROUND FLOOR PLAN

SCALE :- 1:100

DRG.NO.:-MEC/05/28/23/JUN/GCS/ITD/003

SECTION	ARCHITECTURE	LOCATION	DELHI
DESIGNED	VIBHA	DRAWN	VIBHA
CHECKED	S.BASU	VERIFIED	
APPROVED	DR.R.K.DUTTA	SIG	
DATE	03.02.2022		



NOTES:  
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REV	DATE	ZONE	DESCRIPTION	BY	VERIFIED	REFERENCES	DRG.NO.	APPROVED	DATE	SCALE	SHEET	REV
CONCURRED BY											1	0

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**INDRADHANUSH GAS GRID LTD.**

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**MECON LIMITED**

**NORTH - EAST GAS GRID PIPELINE PROJECT**

**CANTEEN BUILDING FOR COMPRESSOR STATION AT GUWAHATI**

**FIRST FLOOR PLAN**

SCALE :- 1:100  
 DRG.NO.:MEC/05/28/23/UJNGCS/7D/004

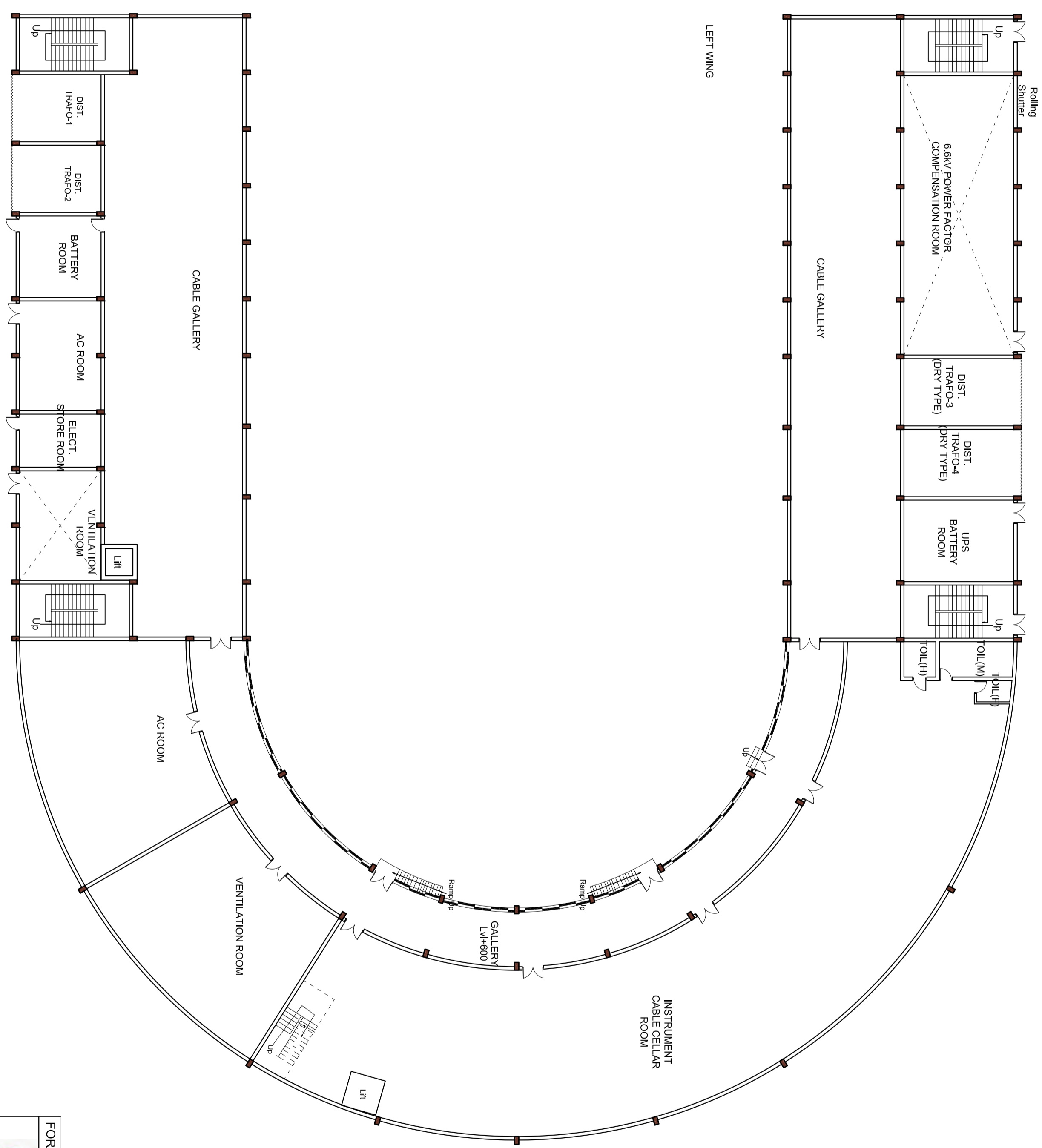
SHEET 1 OF 1

SCHEDULE OF FINISHES(OUTSIDE) - Granite & zinc cladding

AREA - 289 Sq M.

SECTION	ARCHITECTURE	LOCATION	DESIGNED	DRAWN	CHECKED	VERIFIED	DRG.NO.	APPROVED	DATE
		DELHI	VIBHA	VIBHA	S.BASU				03.02.2022

REV	DATE	ZONE	DESCRIPTION	BY	VERIFIED	REFERENCES	DRG.NO.	APPROVED	DATE	SCALE	SHEET	REV
CONCURRED BY											1	0



RIGHT WING

LEFT WING

REV			
Δ			
SEC	CONCURRED BY		

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- ALL PAINTS TO BE ECO-FRIENDLY WITH LOW V.O.C.
- CERAMIC TILES WITH RECYCLED CONTENTS TO BE USED.
- LOW FLOW TOILET FIXTURES TO BE USED.
- 40.00 CORRESPONDS TO FINISHED ROAD TOP LEVEL.
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REV.NO	DATE	ZONE
A	21.03.22	

DESCRIPTION	BY	VERIFIED	REFERENCES
revised as per comments from Instrumentation section,Ranchi on 17.03.22	Vibha	Vibha	
REVISION			

SCHEDULE OF FINISHES(OUTSIDE) - Granite & zinc cladding

AREA - 2824.84 Sq M.

SECTION	ARCHITECTURE	LOCATION	DELHI
DESIGNED	VIBHA	DRAWN	VIBHA
CHECKED	S.BASU	CHECKED AND VERIFIED	
APPROVED	DR.R.K.DUTTA	SIG	DR.R.K.DUTTA
DATE	15.03.2022	SCALE	1:100

MECON LIMITED

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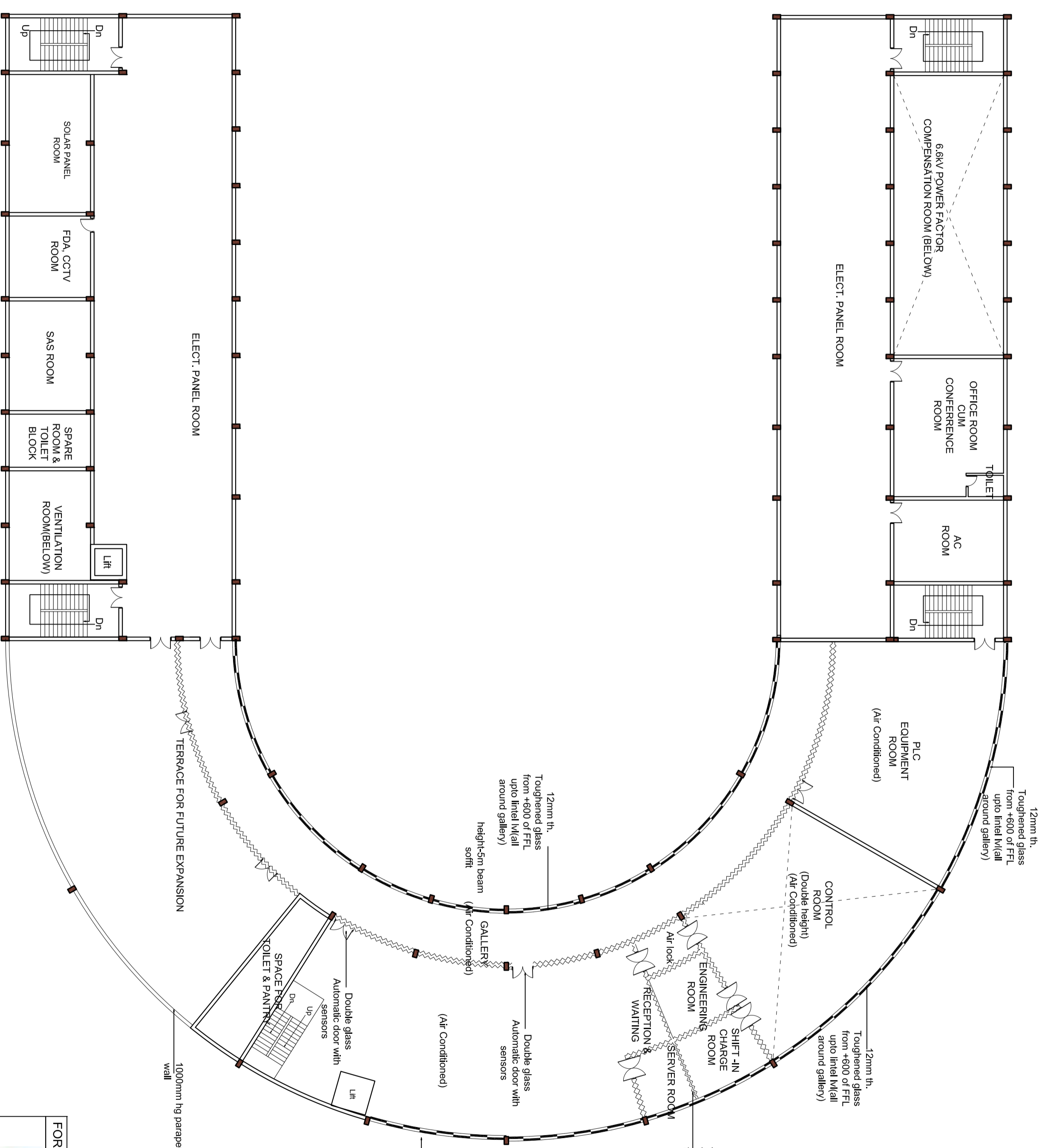
INDRADHANUSH GAS GRID LTD.

FOR TENDER PURPOSE

NORTH - EAST GAS GRID PIPELINE PROJECT  
CONTROL ROOM BUILDING FOR COMPRESSOR STATION AT GUWAHATI  
GROUND FLOOR PLAN

**LEGEND**  
 ~~~~~ 12mm th. Toughened glass upto lintel l/v  
 ——— 12mm th. Toughened glass from +600 of FFL upto lintel l/v





**LEGEND**

- 12mm th. Toughened glass upto lintel lvl
- 12mm th. Toughened glass from +600 of FFL upto lintel lvl

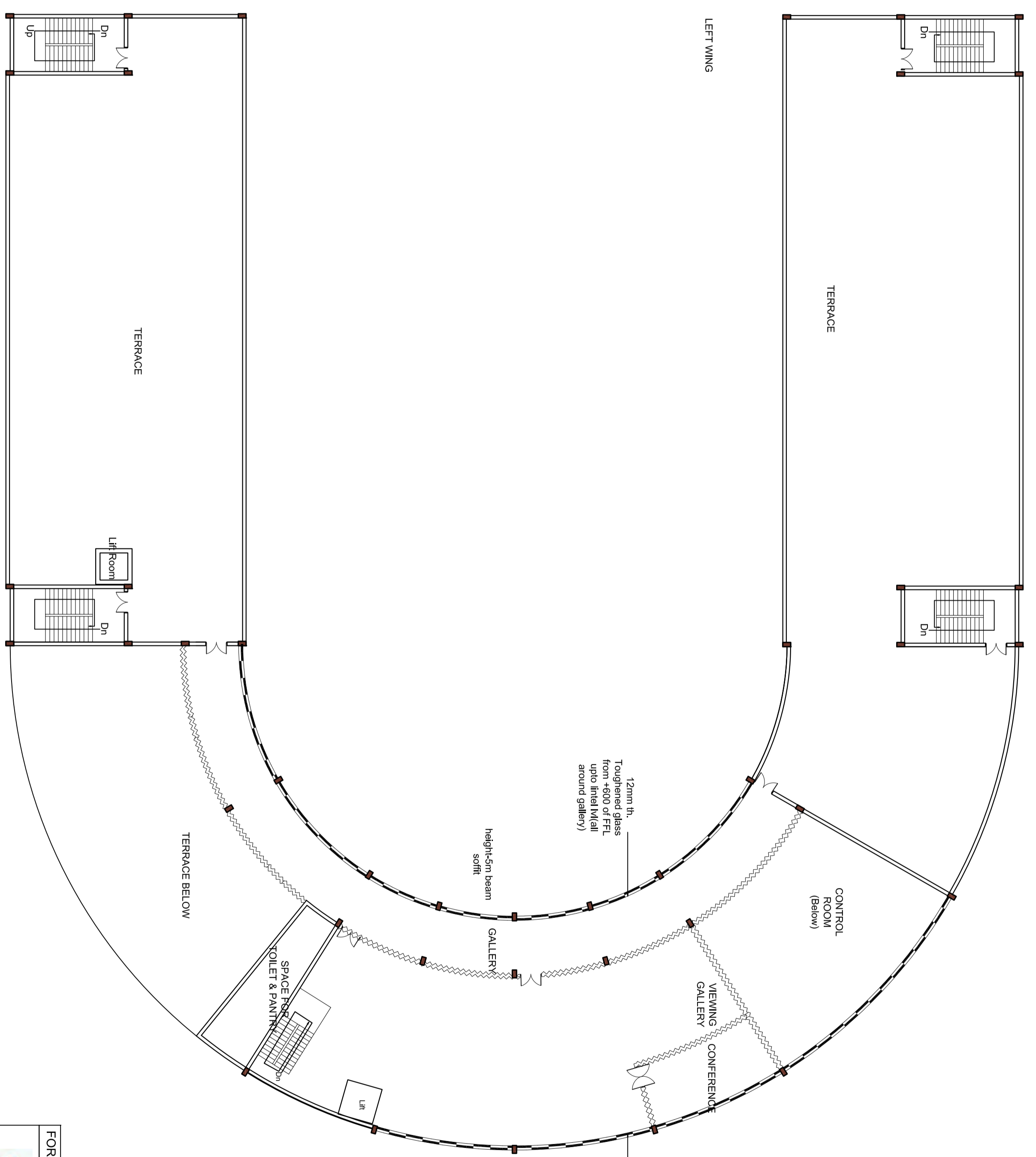
RIGHT WING  
FIRST FLOOR PLAN

- 290MM WIDE BRICKS TO BE USED FOR WALLS.
- ALL PAINTS TO BE ECO-FRIENDLY WITH LOW V.O.C.
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| REV | NO | DATE     | ZONE |
|-----|----|----------|------|
| A   | 1  | 21.03.22 |      |

| REV | NO | DATE | ZONE | DESCRIPTION | BY | VERIFIED | REFERENCES |
|-----|----|------|------|-------------|----|----------|------------|
|     |    |      |      |             |    |          |            |

|                                        |  |                            |  |                |  |              |  |                |  |                       |  |
|----------------------------------------|--|----------------------------|--|----------------|--|--------------|--|----------------|--|-----------------------|--|
| SECTION ARCHITECTURE                   |  | LOCATION DELHI             |  | DESIGNER VIBHA |  | DRAWN VIBHA  |  | CHECKED S.BASU |  | APPROVED DR.R.K.DUTTA |  |
| NORTH - EAST GAS GRID PIPELINE PROJECT |  | INDRADHANUSH GAS GRID LTD. |  | MECON LIMITED  |  | SCALE: 1:100 |  | SHEET 1 OF 1   |  | REV 0                 |  |



RIGHT WING  
SECOND FLOOR PLAN

|              |  |  |  |
|--------------|--|--|--|
| REV          |  |  |  |
| Δ            |  |  |  |
| CONCURRED BY |  |  |  |

1. 250MM WIDE BRICKS TO BE USED FOR WALLS.
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|        |          |      |
|--------|----------|------|
| REV.NO | DATE     | ZONE |
| A      | 21.03.22 |      |

|                                                                         |       |          |
|-------------------------------------------------------------------------|-------|----------|
| DESCRIPTION                                                             | BY    | VERIFIED |
| revised as per comments from instrumentation section,Ranchi on 17.03.22 | Vibha | Vibha    |

|                                                                                                                                                                                       |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| REFERENCES                                                                                                                                                                            | DRG.NO. |
| THIS DRAWING IS THE PROPERTY OF MECON AND ISSUED FOR THE SPECIFIC PROJECT MENTIONED THEREIN. THIS IS NOT TO BE COPIED OR USED FOR OTHER PROJECTS UNLESS EXPRESSLY PERMITTED BY MECON. |         |

|              |              |
|--------------|--------------|
| SECTION      | ARCHITECTURE |
| LOCATION     | DELHI        |
| DESIGNED     | VIBHA        |
| DRAWN        | VIBHA        |
| CHECKED      | S.BASU       |
| AND VERIFIED |              |
| SIG          | DR.R.K.DUTTA |
| DATE         | 15.03.2022   |

|         |                               |
|---------|-------------------------------|
| SCALE   | 1:100                         |
| DRG.NO. | -MEC/05/28/23/UJUN/GCS/7D/007 |
| SHEET   | REV                           |
| 1       | 0                             |

FOR TENDER PURPOSE

INDRADHANUSH GAS GRID LTD.

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NORTH - EAST GAS GRID PIPELINE PROJECT

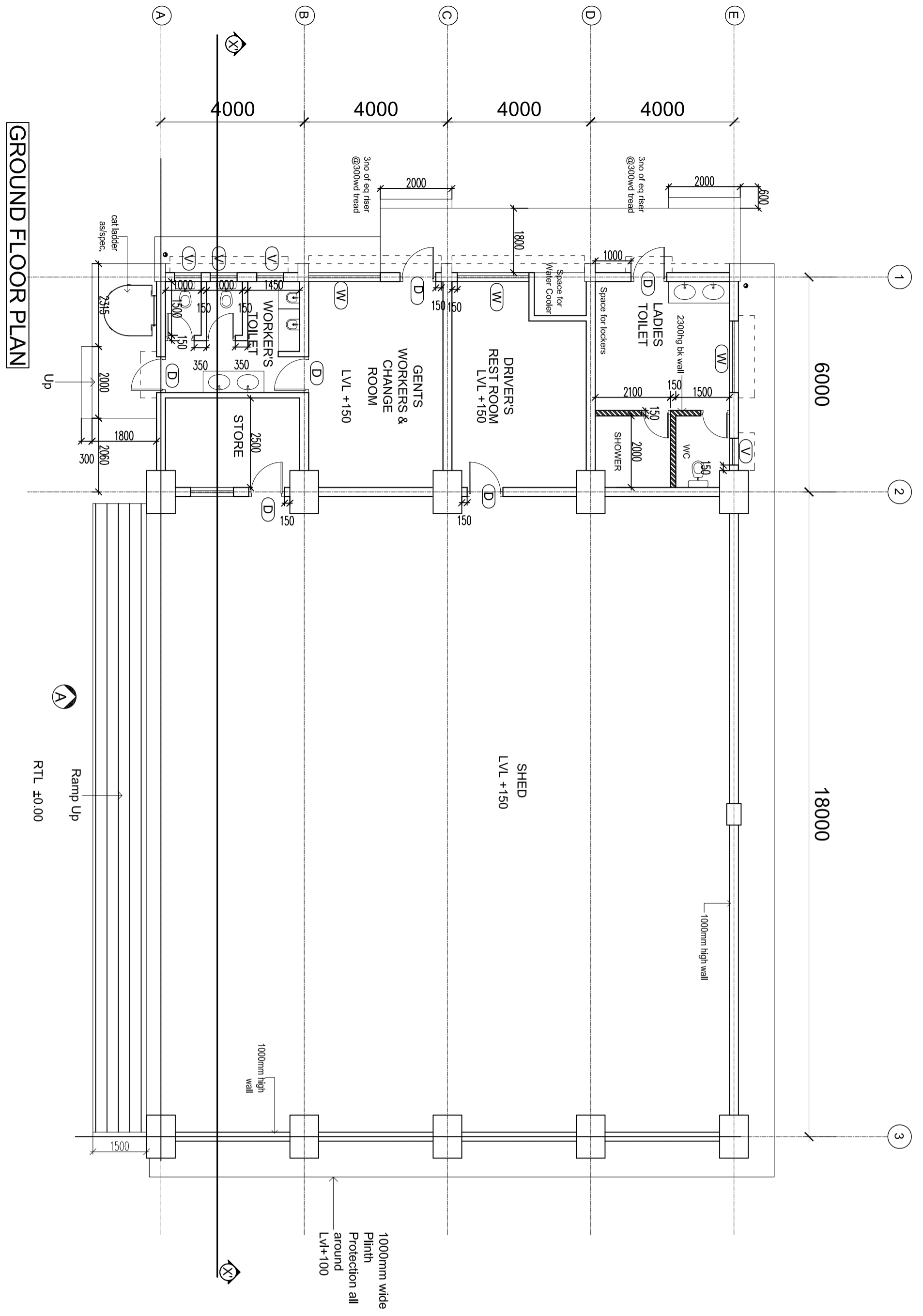
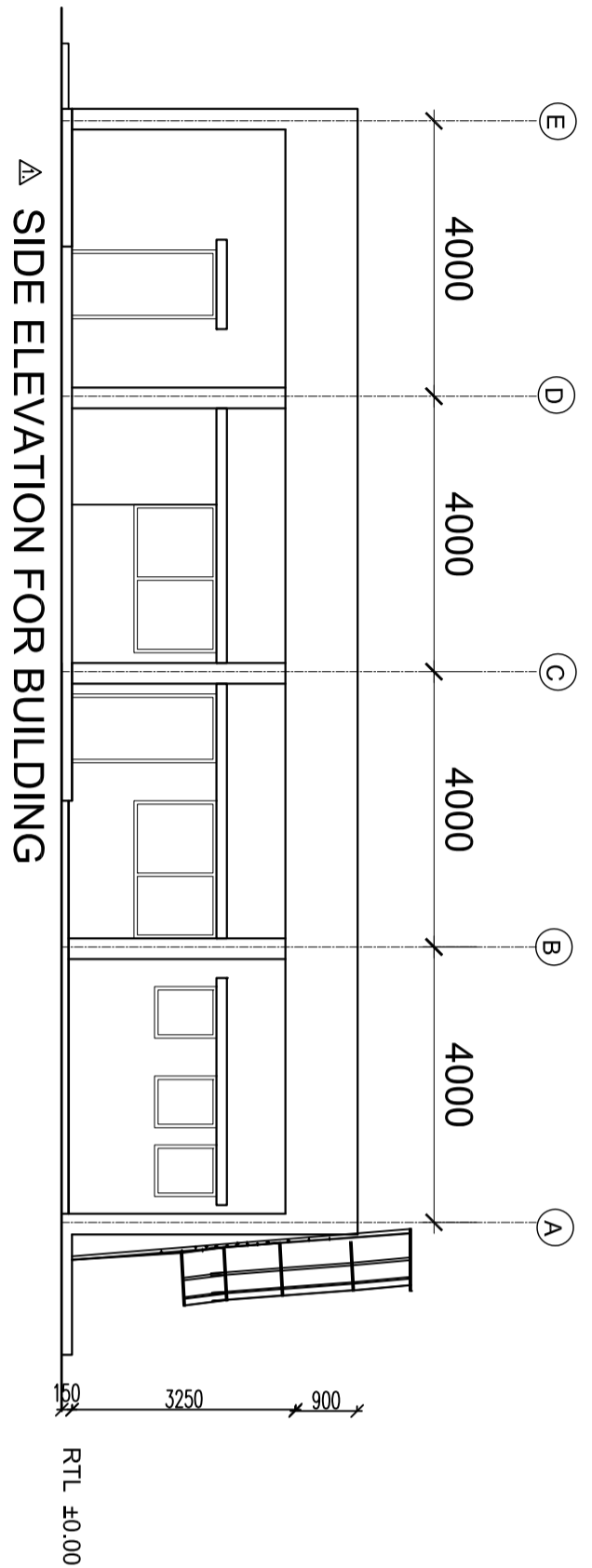
CONTROL ROOM BUILDING FOR COMPRESSOR STATION AT GUWAHATI

SECOND FLOOR PLAN

|                                                         |
|---------------------------------------------------------|
| SCHEDULE OF FINISHES(OUTSIDE) - Granite & zinc cladding |
| AREA - 1197.33 Sq M.                                    |

LEGEND

|  |                                                           |
|--|-----------------------------------------------------------|
|  | 12mm th. Toughened glass upto lintel lvl                  |
|  | 12mm th. Toughened glass from +600 of FFL upto lintel lvl |



**SCHEDULE OF OPENINGS**

| S.NO. | TYPE | MASONRY       | LEVELS      | DESCRIPTION                                                | NO | Remarks |
|-------|------|---------------|-------------|------------------------------------------------------------|----|---------|
| 1     | D    | OPENING W X H | SILL LINTEL | single shutter steel door of approved manufacturer's spec. | 6  |         |
| 2     | W    | 2000X1200     | 900         | Steel window                                               | 3  |         |
| 3     | W1   | 1200 X 1200   | 900         |                                                            | 1  |         |
| 4     | V    | 750X900       | 1200        | Steel ventilator                                           | 3  |         |

**SCHEDULE OF FINISHES (INSIDE)**

| S. NO. | ROOM NAME                                            | WALL                                             | CEILING | FLOORING                                                   | SKIRTING/DADO (100mm from FFL)                          |
|--------|------------------------------------------------------|--------------------------------------------------|---------|------------------------------------------------------------|---------------------------------------------------------|
| 1      | Shed                                                 | Acrylic emulsion-eco-friendly paint with low VOC | -       | CC flooring                                                |                                                         |
| 2      | Ramp                                                 |                                                  |         | Reinforced concrete tiles                                  |                                                         |
| 3      | Driver's rest room, Gents worker change room & Store | Acrylic emulsion-eco-friendly paint with low VOC |         | Polished Kota Stone                                        |                                                         |
| 4      | Toilets                                              |                                                  |         | Anti Skid ceramic tiles upto +2100mm lvl from FFL(300X600) | Glazed Ceramic tiles upto +2100mm lvl from FFL(300X600) |

EXTERNAL FINISH - EXTERNAL ACRYLIC EMULSION WEATHERPROOF PAINT AS / SPEC.

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- CERAMIC TILES WITH RECYCLED CONTENTS TO BE USED.
- LOW FLOW TOILET FIXTURES TO BE USED.
- 40.00 CORRESPONDS TO FINISHED ROAD TOP LEVEL.
- 12 MM DROP IN FINISH SLAB TO BE MAINTAINED FROM INSIDE THE ROOM TO THE VERANDAH/BALCONY/TERRACE ETC.
- 180 MM SLOPE APPROXIMATELY TO BE MAINTAINED FOR DRAINAGE AT ROOF LVL.
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**REV**

| NO. | DATE | ZONE | DESCRIPTION | BY | VERIFIED |
|-----|------|------|-------------|----|----------|
|     |      |      |             |    |          |

**CONCURRED BY**

| NO. | DATE | ZONE | DESCRIPTION | BY | VERIFIED |
|-----|------|------|-------------|----|----------|
|     |      |      |             |    |          |

**FOR TENDER PURPOSE ONLY**

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**NORTH - EAST GAS GRID PIPELINE PROJECT**

**FIRE TENDER HOUSE FOR COMPRESSOR STATION AT GUWAHATI GROUND FLOOR PLAN**

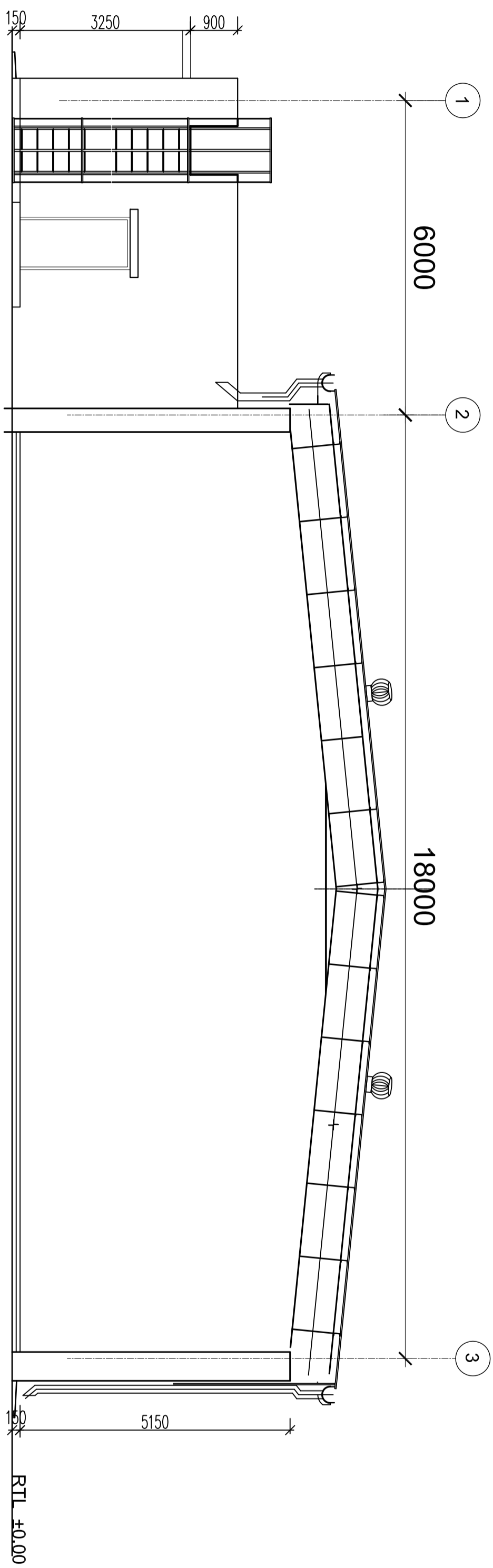
**SCALE :- 1:100**

**SIG DR.R.K.DUTTA**

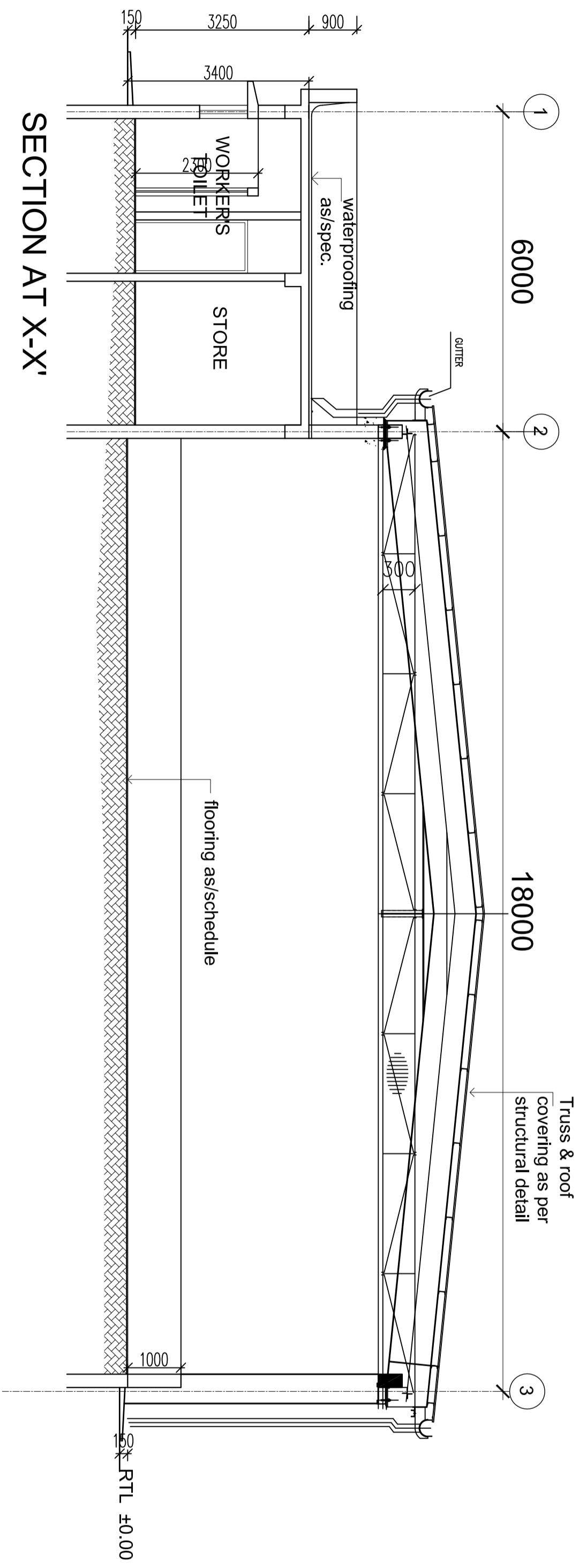
**DATE: 01.02.2022**

**DRG.NO.-MEC/05/28/23/JUN/GCS/7D/008**

**SHEET REV 1 OF 1**



FRONT ELEVATION FOR BUILDING



SECTION AT X-X'

- NOTES:
1. 250MM WIDE BRICKS TO BE USED FOR WALLS.
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  4. LOW FLOW TOILET FIXTURES TO BE USED.
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  6. 12 MM DROP IN FINISH SLAB TO BE MAINTAINED FROM INSIDE THE ROOM TO THE VERANDAH/BALCONY/TERRACE ETC.
  7. 1:80 MM SLOPE APPROXIMATELY TO BE MAINTAINED FOR DRAINAGE AT ROOF LVL.
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| REV          | DATE | ZONE | DESCRIPTION | BY | VERIFIED | REFERENCES | DRG.NO. |
|--------------|------|------|-------------|----|----------|------------|---------|
| CONCURRED BY |      |      |             |    |          |            |         |

| REV/NO | DATE | ZONE | DESCRIPTION | BY | VERIFIED | REFERENCES | DRG.NO. |
|--------|------|------|-------------|----|----------|------------|---------|
|        |      |      |             |    |          |            |         |

|                      |                                        |
|----------------------|----------------------------------------|
| SECTION ARCHITECTURE | NORTH - EAST GAS GRID PIPELINE PROJECT |
| LOCATION DELHI       |                                        |
| DESIGNED             | VIBHA                                  |
| DRAWN                |                                        |
| CHECKED              |                                        |
| AND VERIFIED         |                                        |
| SIGNATURE            | S.BASU                                 |
| SCALE                | 1:100                                  |
| DATE                 | 01.02.2022                             |
| DRG.NO.              | MEC/05/28/23/UJNGCS/TD/009             |

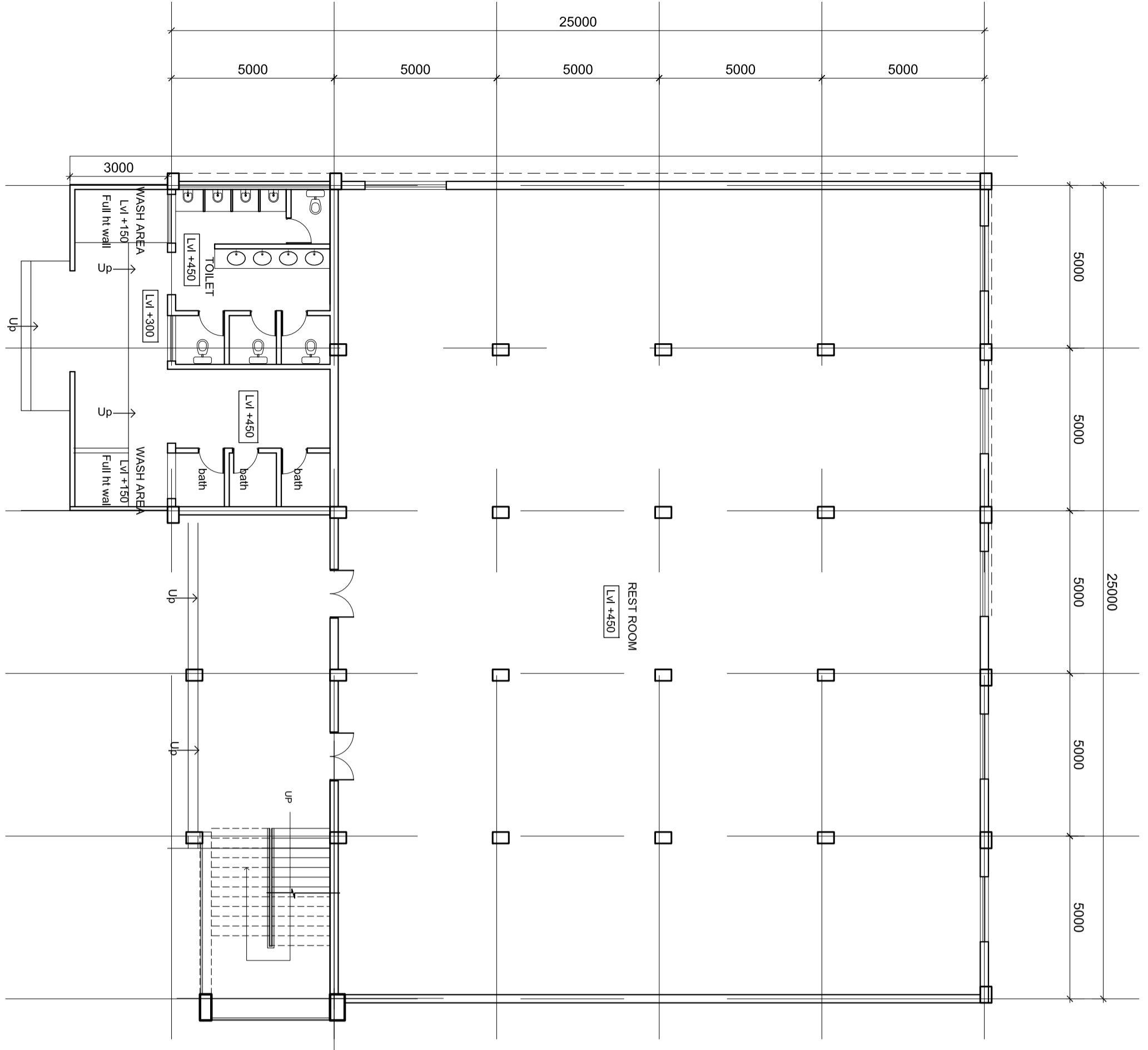
FOR TENDER PURPOSE ONLY

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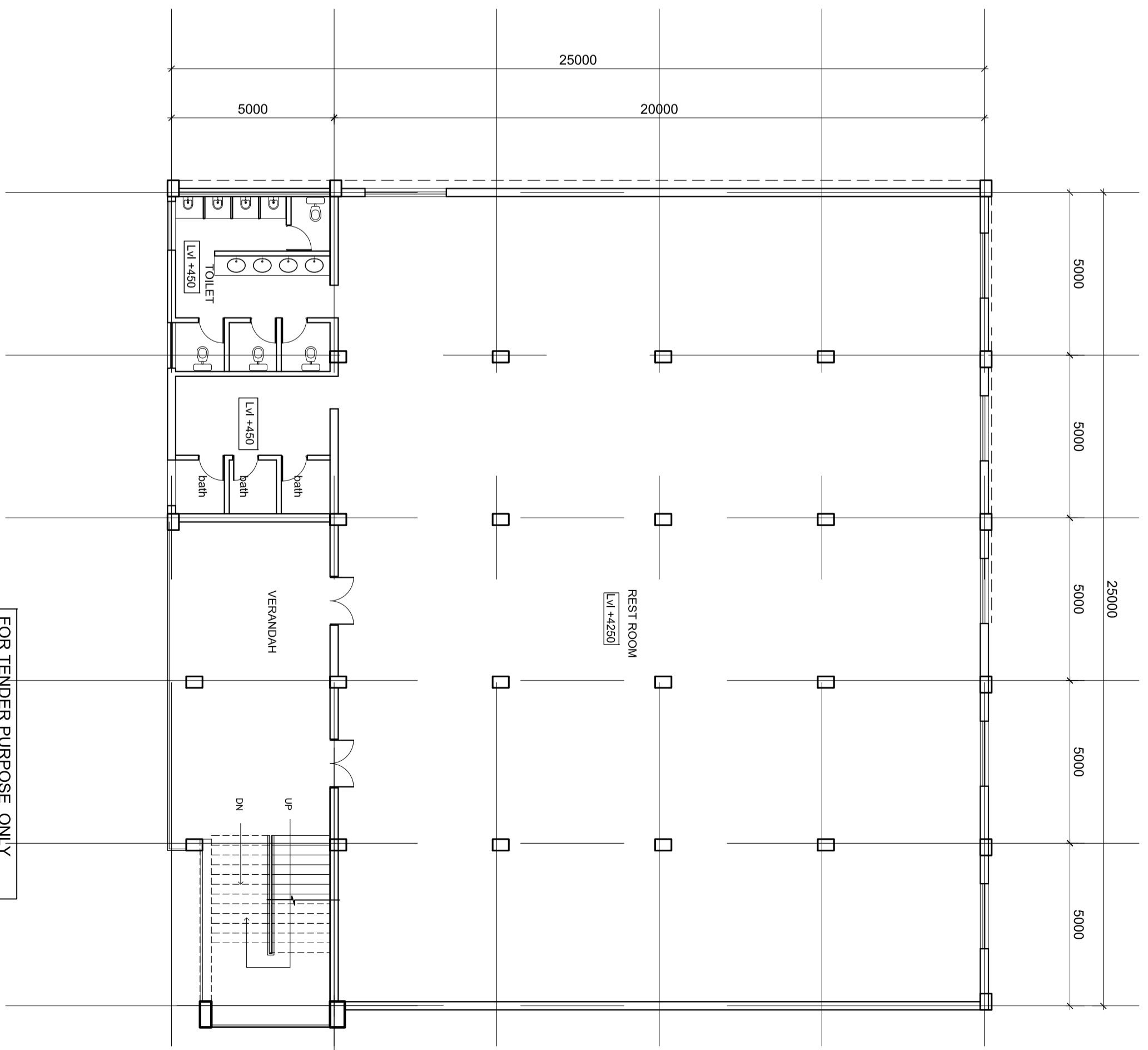
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MECON LIMITED





GROUND FLOOR PLAN



FIRST FLOOR PLAN

TOTAL AREA - 1296 Sq. m  
GROUND FLOOR-6435sq.m  
FIRST FLOOR-675sq.m

FOR TENDER PURPOSE ONLY

INDRADHANUSH GAS GRID LTD.

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MECON LIMITED

|              |                |                                         |
|--------------|----------------|-----------------------------------------|
| SECTION      | ARCHITECTURE   |                                         |
| LOCATION     | DELHI          |                                         |
| DESIGNED     | VIBHA          |                                         |
| DRAWN        | VIBHA          |                                         |
| CHECKED      | S.BASU         |                                         |
| AND VERIFIED |                |                                         |
| SIG          | DR. R.K. DUTTA | SCALE :- 1:100                          |
| DATE         | 05.02.2022     | DRG. NO. - MEC/05/28/23/UJUN/GCS/TD/010 |

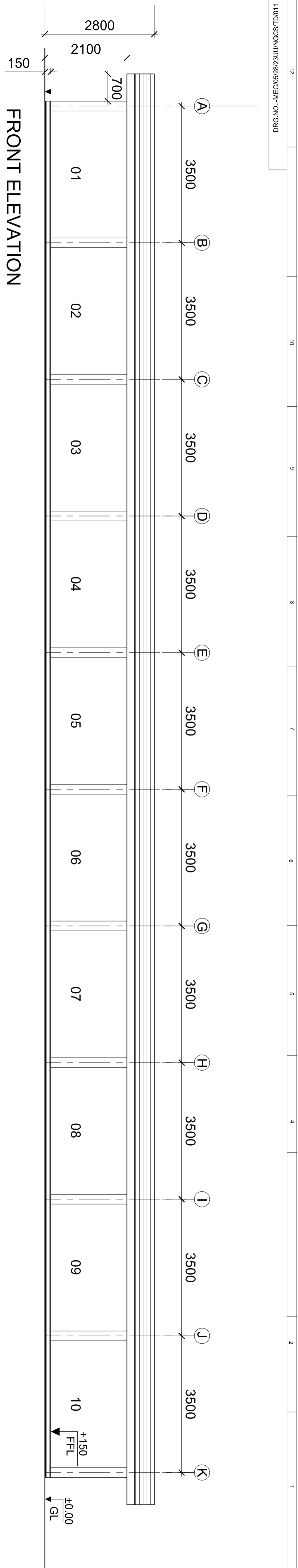
NOTES:

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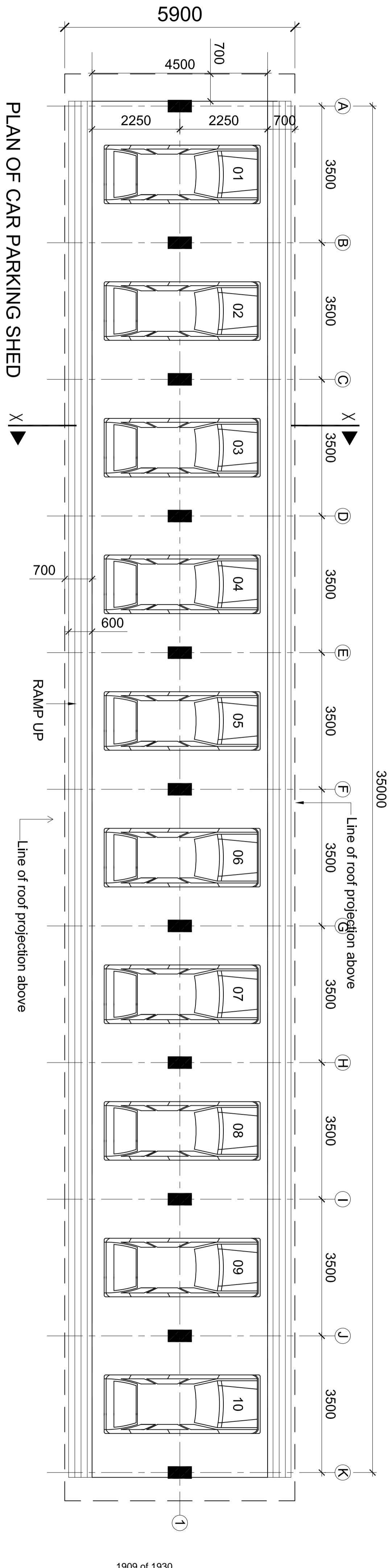
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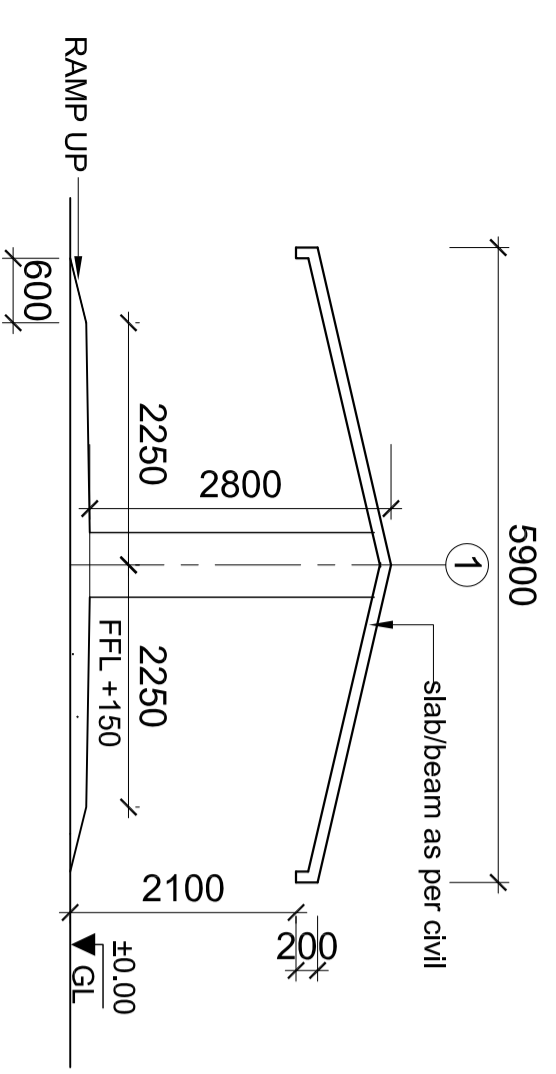




FRONT ELEVATION



PLAN OF CAR PARKING SHED



GROUND FLOOR PLAN

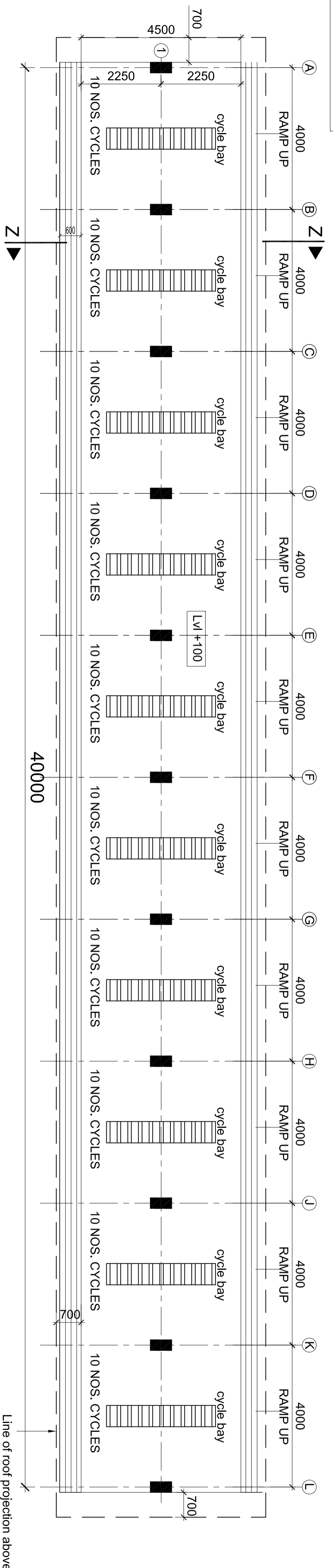
|                                          |  |
|------------------------------------------|--|
| AREA STATEMENT                           |  |
| AREA OF SHED - 200 sq.m.                 |  |
| FINISHING SCHEDULE                       |  |
| CEMENT CONCRETE FLOORING                 |  |
| FLOOR MARKING COLOR/MATERIAL AS PER SPEC |  |
| RCC ROOFING, DETAILS AS PER STR.         |  |
| PAINT AS PER SPEC./APPVD MAKE            |  |

| REV | DATE | DESCRIPTION | BY | VERIFIED |
|-----|------|-------------|----|----------|
|     |      |             |    |          |

- NOTES:**
1. 250MM WIDE BRICKS TO BE USED FOR WALLS.
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| REV.NO | DATE | ZONE | DESCRIPTION | BY | VERIFIED |
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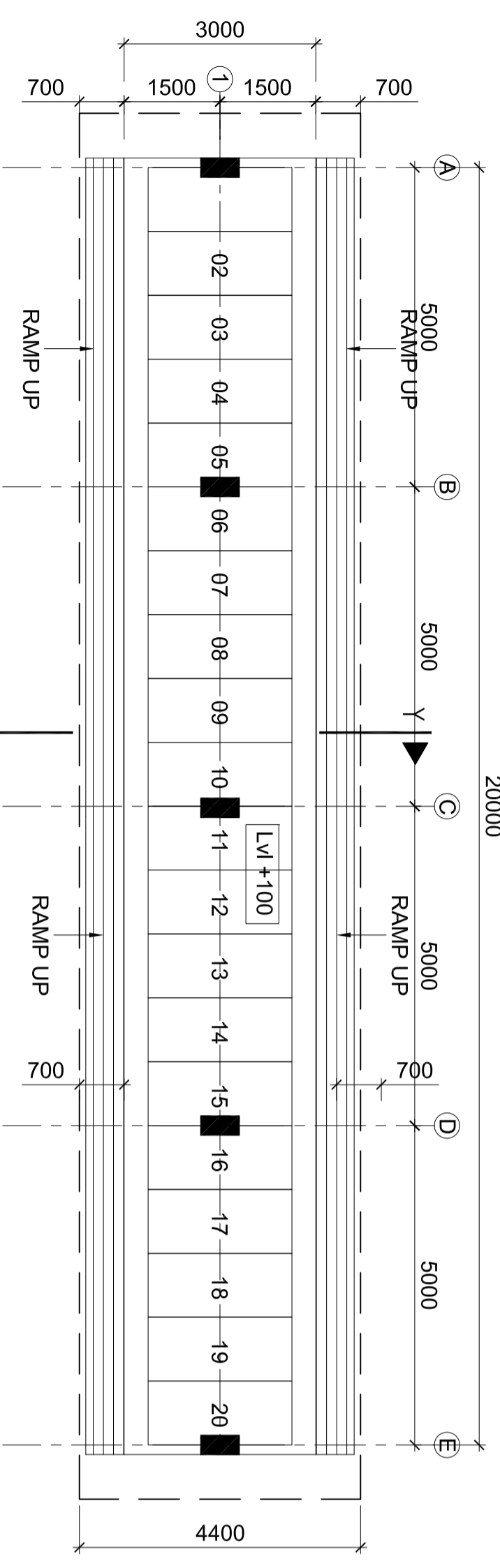
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|-----------------------------------------------|--------------|-------------------------------------------------------|-------|
| <p><b>MECON LIMITED</b></p>                   |              | <p><b>INDRADHANUSH GAS GRID LTD.</b></p>              |       |
| SECTION                                       | ARCHITECTURE | LOCATION                                              | DELHI |
| DESIGNED                                      | VIBHA        | DRAWN                                                 | VIBHA |
| CHECKED                                       | S.BASU       | AND VERIFIED                                          |       |
| <p>DR. R.K. DUTTA</p>                         |              | <p>SCALE :- 1:100</p>                                 |       |
| <p>SIG DATE : 01.02.2022</p>                  |              | <p>DRG.NO.-MEC/05/28/23UJNGCS/7D/011</p>              |       |
| <p>NORTH - EAST GAS GRID PIPELINE PROJECT</p> |              | <p>CAR PARKING FOR COMPRESSOR STATION AT GUWAHATI</p> |       |
| <p>GROUND FLOOR PLAN</p>                      |              | <p>SHEET REV 1 OF 1</p>                               |       |



PLAN OF BICYCLE PARKING SHED

|                |                          |
|----------------|--------------------------|
| AREA STATEMENT | AREA OF SHED - 246 sq.m. |
|----------------|--------------------------|

|                    |                                          |
|--------------------|------------------------------------------|
| FINISHING SCHEDULE | CEMENT CONCRETE FLOORING                 |
|                    | FLOOR MARKING COLOR/MATERIAL AS PER SPEC |
|                    | RCC ROOFING, DETAILS AS PER STR.         |
|                    | PAINT AS PER SPEC./APPVD MAKE            |

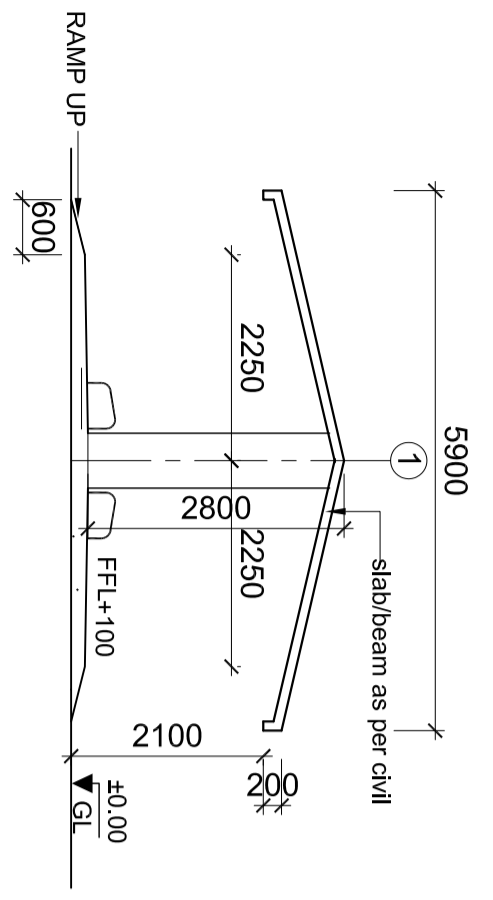


PLAN OF SCOOTER PARKING SHED

|                |                         |
|----------------|-------------------------|
| AREA STATEMENT | AREA OF SHED - 95 sq.m. |
|----------------|-------------------------|

|                    |                                          |
|--------------------|------------------------------------------|
| FINISHING SCHEDULE | CEMENT CONCRETE FLOORING                 |
|                    | FLOOR MARKING COLOR/MATERIAL AS PER SPEC |
|                    | RCC ROOFING, DETAILS AS PER STR.         |
|                    | PAINT AS PER SPEC./APPVD MAKE            |

SECTION (TYP)  
(cycle & scooter parking)



NOTES:

1. 250MM WIDE BRICKS TO BE USED FOR WALLS.
2. ALL PAINTS TO BE ECO-FRIENDLY WITH LOW V.O.C.
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4. LOW FLOW TOILET FIXTURES TO BE USED.
5. 40.00 CORRESPONDS TO FINISHED ROAD TOP LEVEL.
6. 12 MM DROP IN FINISH SLAB TO BE MAINTAINED FROM INSIDE THE ROOM TO THE VERANDAH/BALCONY/TERRACE ETC.
7. 180 MM SL. OPE APPROXIMATELY TO BE MAINTAINED FOR DRAINAGE AT ROOF LVL.
8. ALL FINISH FLOOR LEVELS (EXTERNAL/INTERNAL) MUST BE LAID IN PROPER SLOPE & DIRECTION AS MAY BE REQUIRED AS/NORMAL ENGINEERING PRACTISE.

|     |  |  |  |
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| REV.NO. | DATE | ZONE | DESCRIPTION | BY | VERIFIED | REFERENCES                                                                                                                                                                            |
|         |      |      |             |    |          | THIS DRAWING IS THE PROPERTY OF MECON AND ISSUED FOR THE SPECIFIC PROJECT MENTIONED THEREIN. THIS IS NOT TO BE COPIED OR USED FOR OTHER PROJECTS UNLESS EXPRESSLY PERMITTED BY MECON. |

FOR TENDER PURPOSE ONLY

**INDRADHANUSH GAS GRID LTD.**

**मेकॉन लिमिटेड**  
**MECON LIMITED**

**NORTH - EAST GAS GRID PIPELINE PROJECT**

SCOOTER & CYCLE PARKING FOR COMPRESSOR STATION AT GUWAHATI GROUND FLOOR PLAN

SECTION ARCHITECTURE

LOCATION DELHI

DESIGNED VIBHA

DRAWN VIBHA

CHECKED S.BASU

AND VERIFIED

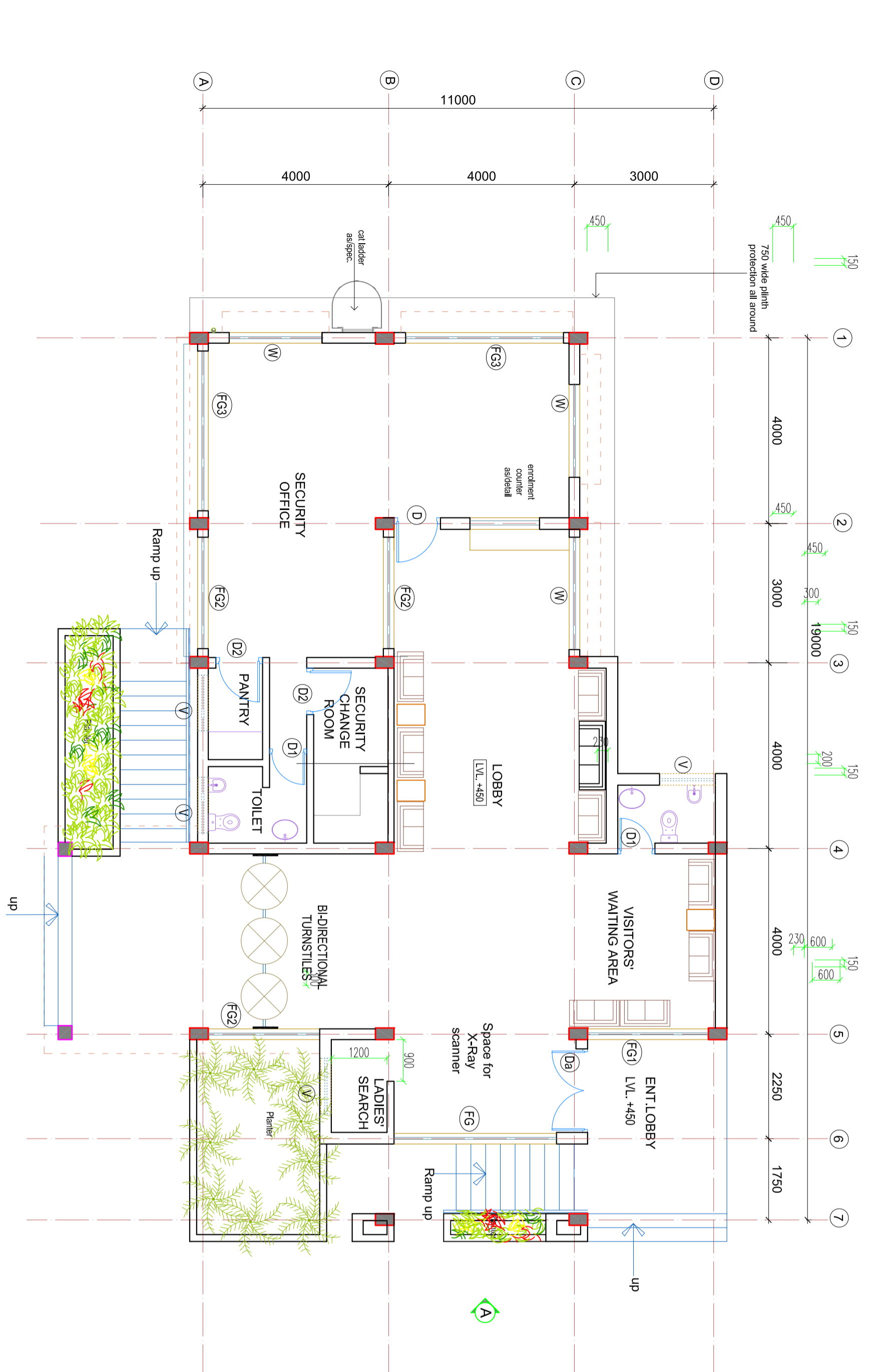
SIG DR.R.K.DUTTA

DATE: 01.02.2022

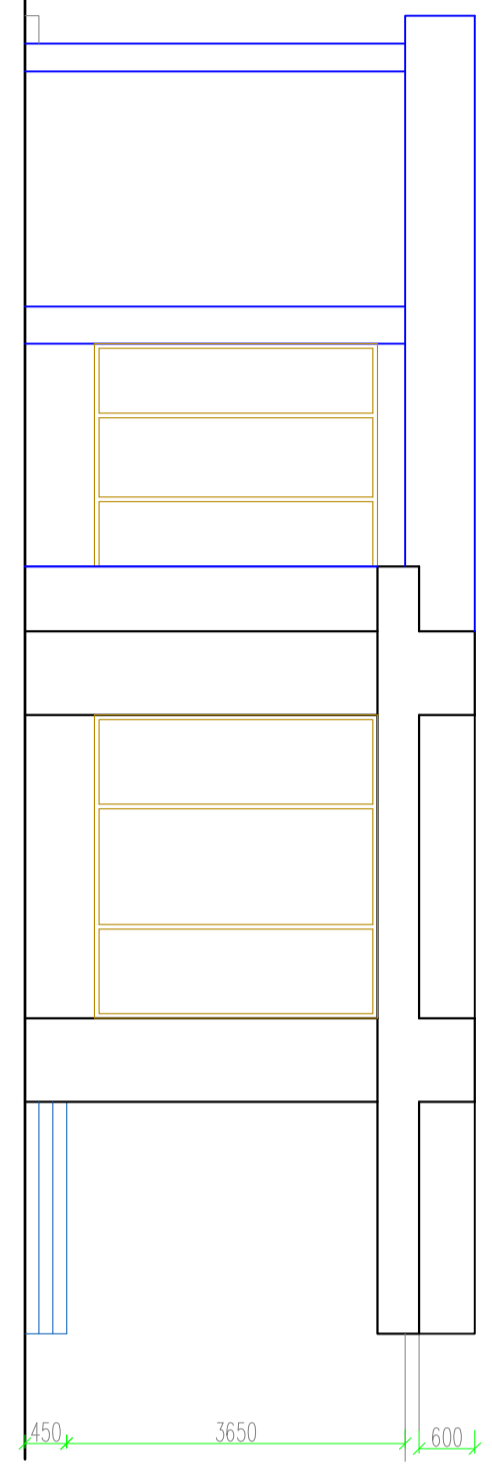
SCALE :- 1:100

DRG.NO.-MEC/05/28/23/JUN/GCS/7D/012

SHEET REV 1 OF 1 0



ELEVATION AT 'A'



NOTES:

1. ALL DIMENSIONS AND NOTES ARE IN MM. (UNLESS MENTIONED OTHERWISE)
2. ALL DIMENSIONS ARE TO FACE UNLESS SPECIFIED OTHERWISE
3. ALL CHIMNEY PROJECTIONS SHALL HAVE DRAIN MOULD GROOVES IMMEDIATELY ALL AROUND PERIPHERY.
4. ALL ELECTRICAL AND SERVICES SHALL BE AS PER APPROVED SPEC. AND DWG.
5. ELECTRICAL AND SERVICES SHALL BE AS PER APPROVED SPEC. AND DWG.
6. SPACING HEIGHT IN ROOMS SHALL BE 2.4M.
7. SPACING HEIGHT IN ROOMS SHALL BE 2.4M.
8. 40 THICK CONC AT FLOOR LEVEL ALL AROUND.
9. SURFACE FINISHES SHALL BE AS PER APPROVED SPEC. AND DWG.
10. ALL DOORS SHALL BE OPENED IN THE DIRECTION OF FLOOR LEVEL.
11. 4000 CONCRETE TO FINISHED ROAD TOP LEVEL.
12. 2000 CONCRETE TO FINISHED ROAD TOP LEVEL.
13. 1500 CONCRETE TO FINISHED ROAD TOP LEVEL.

SCHEDULE OF FINISHES (INSIDE)

| S. NO. | ROOM NAME              | WALL                       | CEILING                    | FLOORING                                      | SKIRTING/DADO |
|--------|------------------------|----------------------------|----------------------------|-----------------------------------------------|---------------|
| 1      | LOBBY/ STERS/RAMP      | Acrylic Washable Distemper | Acrylic Washable Distemper | Granite                                       |               |
| 2      | VISITORS' WAITING AREA | Acrylic Washable Distemper | Acrylic Washable Distemper | Double charged Vitrified Tiles (800X800)      |               |
| 3      | SECURITY OFFICE        | Acrylic Washable Distemper | False Ceiling              |                                               |               |
| 4      | SECURITY CHANGE ROOM   | Acrylic Washable Distemper | Acrylic Washable Distemper |                                               |               |
| 5      | TOILET & PANTRY        | Acrylic Washable Distemper | Acrylic Washable Distemper | Anti Skid Ceramic tile (600X300) upto Inlet W |               |

SCHEDULE OF OPENINGS

| S.NO. | TYPE | MASONRY W.X.H | SILL | LEVELS | DESCRIPTION                                                                                                                                               | NO. | REMARK |
|-------|------|---------------|------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----|--------|
| 1     | Da   | 1800X2700     | -    | 2700   | Frameless fully glazed door, double leaf of approved manufacturer's spec.                                                                                 | 1   |        |
| 2     | D    | 1000X2700     | -    | 2700   | Aluminium section, glazed door, single leaf of approved manufacturer's spec.                                                                              | 1   |        |
| 3     | D1   | 800X2100      | -    | 2100   | PVC door                                                                                                                                                  | 2   |        |
| 4     | D2   | 1000X2700     | -    | 2700   | Flush door                                                                                                                                                | 2   |        |
| 5     | W    | 2000X1800     | -    | 2700   | Aluminium section, glazed sliding window, partly fixed partly operable with float glass as/spec. of approved manufacturer's spec.                         | 3   |        |
| 6     | FG   | 3500X2400     | 300  | 2700   | Aluminium section, fixed glazing                                                                                                                          | 1   |        |
| 7     | FG1  | 2100X2400     |      |        |                                                                                                                                                           | 1   |        |
| 8     | FG2  | 2400X2400     |      |        |                                                                                                                                                           | 3   |        |
| 9     | FG3  | 3400X2400     |      |        |                                                                                                                                                           | 2   |        |
| 10    | V    | 1200X600      | 2100 | 2700   | Aluminium section, glazed ventilator, top hung, partly operable partly fixed with float glass & exhaust fan as per spec. of approved manufacturer's spec. | 3   |        |

calcium silicate False ceiling

AREA-197Sq.m

FOR TENDER PURPOSE ONLY

INDRADHANUSH GAS GRID LTD.

मेकॉन लिमिटेड

MECON LIMITED

SECTION ARCHITECTURE  
 LOCATION DELHI  
 DESIGNED VIBHA MISRA  
 DRAWN VIBHA MISRA  
 CHECKED SOHA  
 AND VERIFIED  
 APPROVED D-R.K.Dubey  
 DATE 05.02.2022

SCALE :- 1:100  
 DRG.NO.-MEC/05/28/23UJUNGCST/013

NORTH - EAST GAS GRID  
 PIPELINE PROJECT  
 BIOMETRIC SECURITY BLOCK  
 PLANS, ELEVATION, SCHEDULE OF  
 OPENINGS & KEY PLAN

श्री मेकॉन लिमिटेड

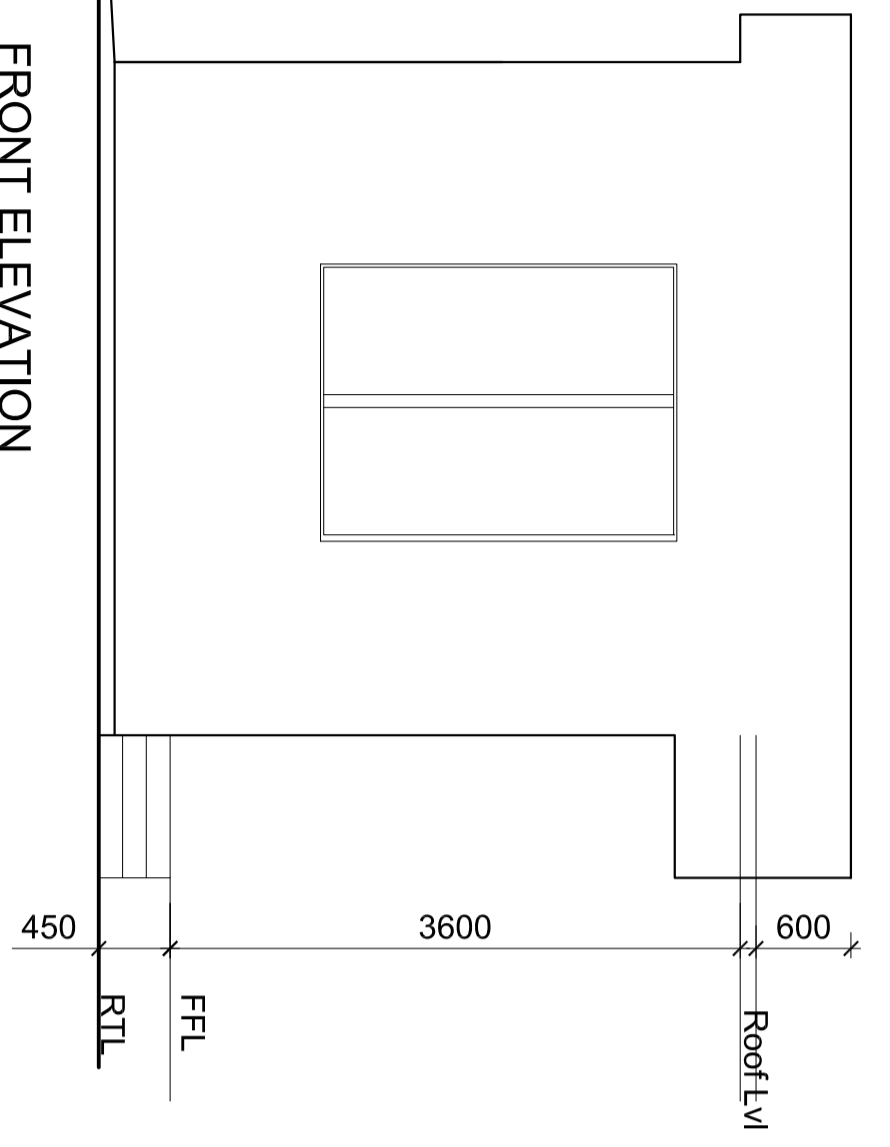
| REV | NO | DATE | DESCRIPTION | BY | VERIFIED | DRG.NO. | SCALE | SHEET | REV |
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CONCURRED BY

| REV.NO | DATE | ZONE | DESCRIPTION | BY | VERIFIED | DRG.NO. | SCALE | SHEET | REV |
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| REV | NO | DATE | DESCRIPTION | BY | VERIFIED | DRG.NO. | SCALE | SHEET | REV |
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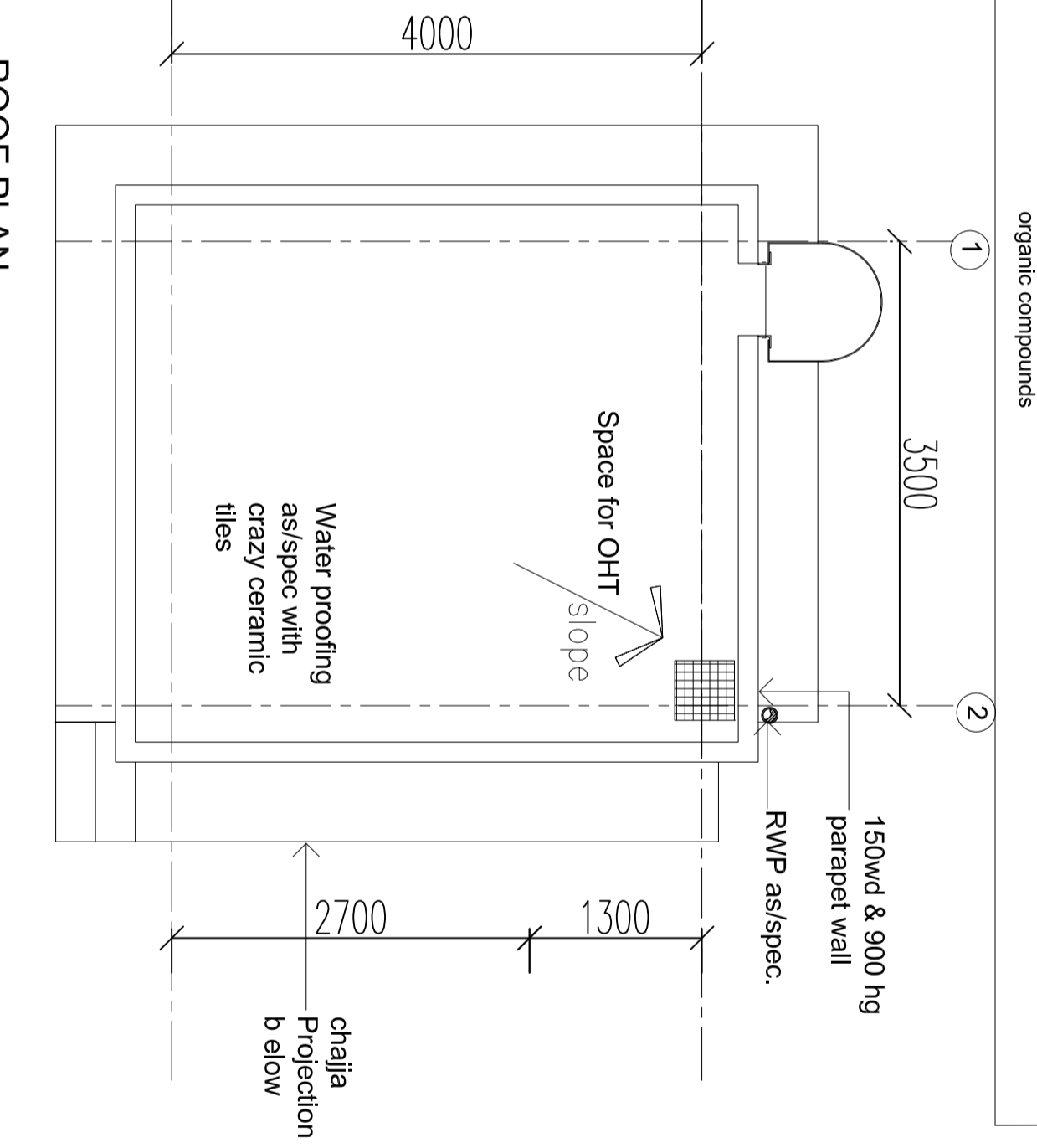
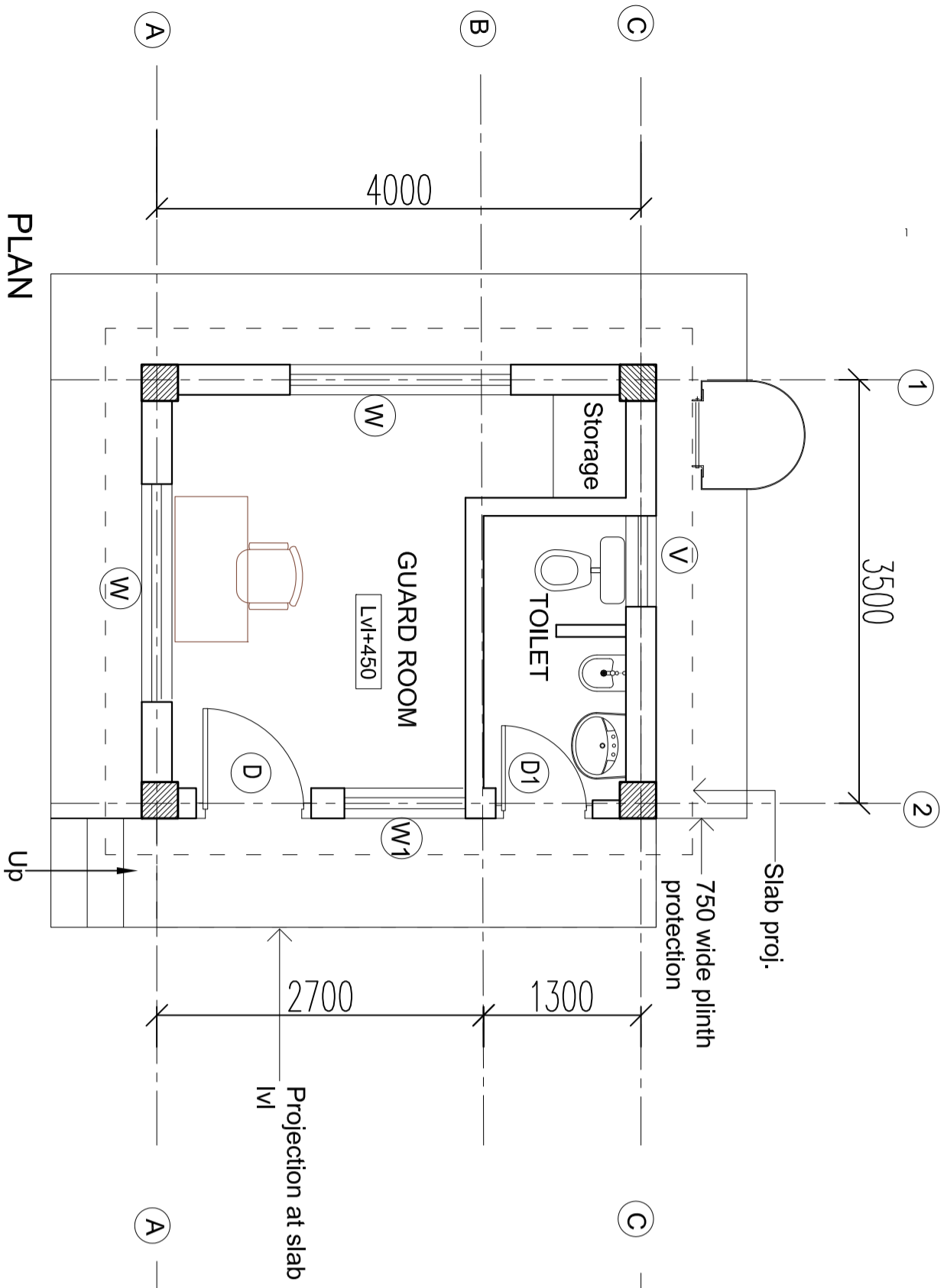


| S.NO. | TYPE | MASONRY OPENING (WxH) | LEVELS | DESCRIPTION                                                                                                                                                                     | NO. | REMARKS |
|-------|------|-----------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|---------|
| 1     | D    | 1000X -               | -      | Aluminium Door                                                                                                                                                                  | 1   |         |
| 2     | D1   | 800X -                | -      | high grade pvc door, single leaf                                                                                                                                                | 1   |         |
| 3     | W    | 1800X -               | 900    | Aluminium section, glazed sliding window, with glass as/spec. of approved manufacturer's spec.                                                                                  | 2   |         |
| 4     | W1   | 1000X -               | 900    | Aluminium section, glazed ventilator, top hung, partly operable partly fixed with float glass & provision of exhaust fan as per spec. of approved manufacturer's specification. | 1   |         |
| 5     | V    | 750X -                | 1800   |                                                                                                                                                                                 | 1   |         |

SCHEDULE OF FINISHES (INSIDE)

| S. NO. | ROOM NAME  | WALL                                                        | CEILING     | FLOORING                                                         | SKIRTING/DADO |
|--------|------------|-------------------------------------------------------------|-------------|------------------------------------------------------------------|---------------|
| 1      | GUARD ROOM | Acrylic Washable Distemper- eco-friendly paint with low VOC | beam bottom | Vitrified tiles                                                  |               |
| 3      | Toilet     |                                                             |             | Anti-skid matt finish ceramic tile(300X300) from FFL(600 x 300 ) |               |

EXTERNAL FINISH - Exterior emulsion paints of approved brand & colour-Eco friendly paint with low volatile organic compounds



AREA : 16 sq.m.

NOTES:

1. ALL DIMENSIONS AND LEVELS ARE IN MM. (UNLESS MENTIONED OTHERWISE)
2. ALL DIMENSIONS AND LEVELS ARE IN MM. (UNLESS MENTIONED OTHERWISE)
3. ALL CHAJJA CANOPY PROJECTIONS SHALL HAVE DRY MOULD GROOVES INTERMENT ALL AROUND PERIPHERY.
4. ALL CHAJJA CANOPY PROJECTIONS SHALL HAVE DRY MOULD GROOVES INTERMENT ALL AROUND PERIPHERY.
5. ELECTRICAL AND SERVICES DETAIL TO BE AS PER APPROVED SPEC. AND DWG.
6. SPARTING HEIGHT IN ROOMS SHALL BE ROOM.
7. SPARTING HEIGHT IN ROOMS SHALL BE ROOM.
8. 40 THICK CONC AT FLOOR LEVEL ALL AROUND.
9. SURFACE SEALING ARRANGEMENT SHALL BE PROVIDED AT CABLE ENTRIES POINTS TO PREVENT ENTRY OF ROISB'S ETC.
10. SURFACE SEALING ARRANGEMENT SHALL BE PROVIDED AT CABLE ENTRIES POINTS TO PREVENT ENTRY OF ROISB'S ETC.
11. 4000 CORNER ROUNDS TO FINISHED ROAD TOP LEVEL.
12. 20 MM CONC IN FINISH SLAB TO BE ADMIXED WITH ROISB TO PREVENT ENTRY OF ROISB'S ETC.
13. 20 MM CONC IN FINISH SLAB TO BE ADMIXED WITH ROISB TO PREVENT ENTRY OF ROISB'S ETC.
14. 20 MM CONC IN FINISH SLAB TO BE ADMIXED WITH ROISB TO PREVENT ENTRY OF ROISB'S ETC.

| REV. NO. | DATE | ZONE | DESCRIPTION | BY | VERIFIED | REFERENCES | DRG. NO. |
|----------|------|------|-------------|----|----------|------------|----------|
|          |      |      |             |    |          |            |          |

| SECTION | ARCHITECTURE | DESIGNED | DRAWN | CHECKED | AND VERIFIED | APPROVED |
|---------|--------------|----------|-------|---------|--------------|----------|
|         |              |          |       |         |              |          |

FOR TENDER PURPOSE ONLY

INDRADHANUSH GAS GRID LTD.

MECON LIMITED

NORTH - EAST GAS GRID PIPELINE PROJECT

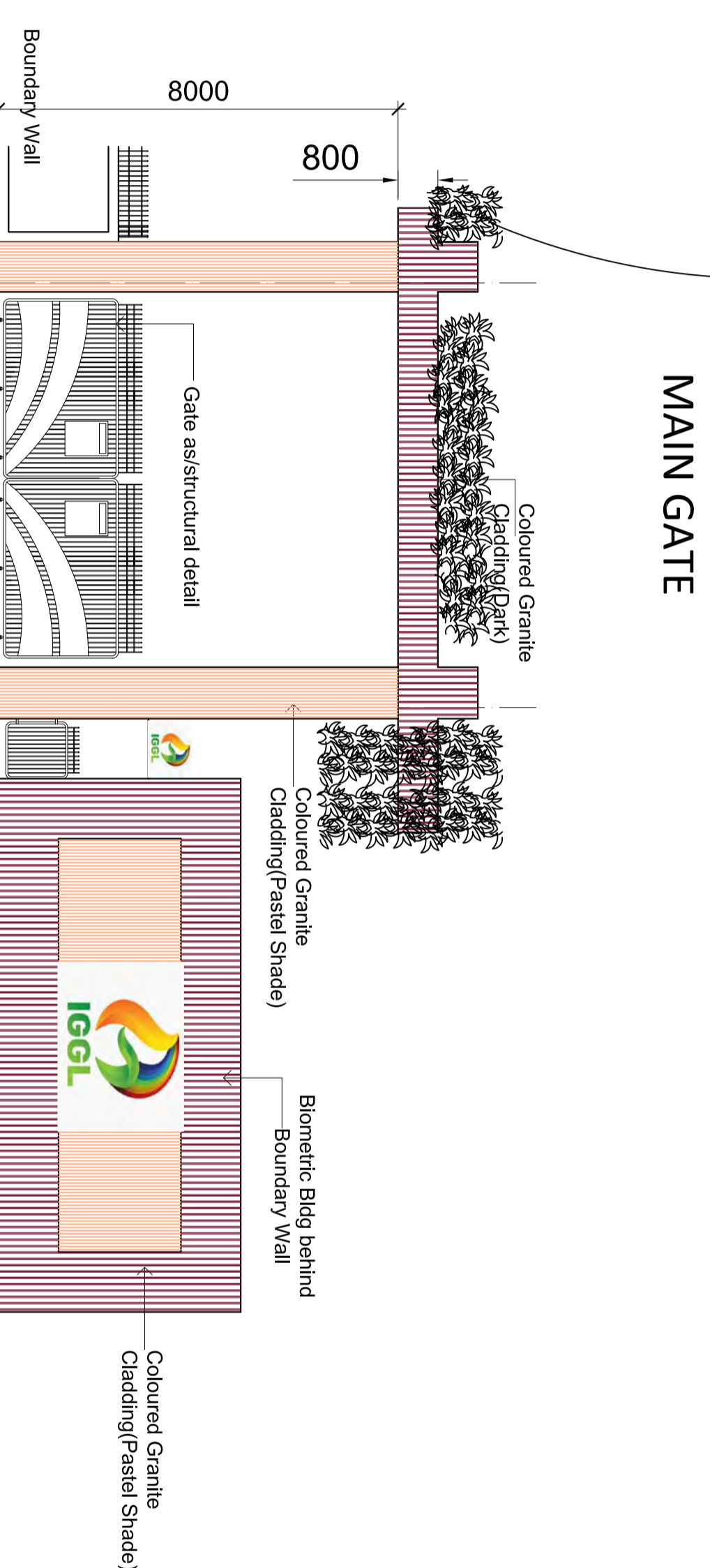
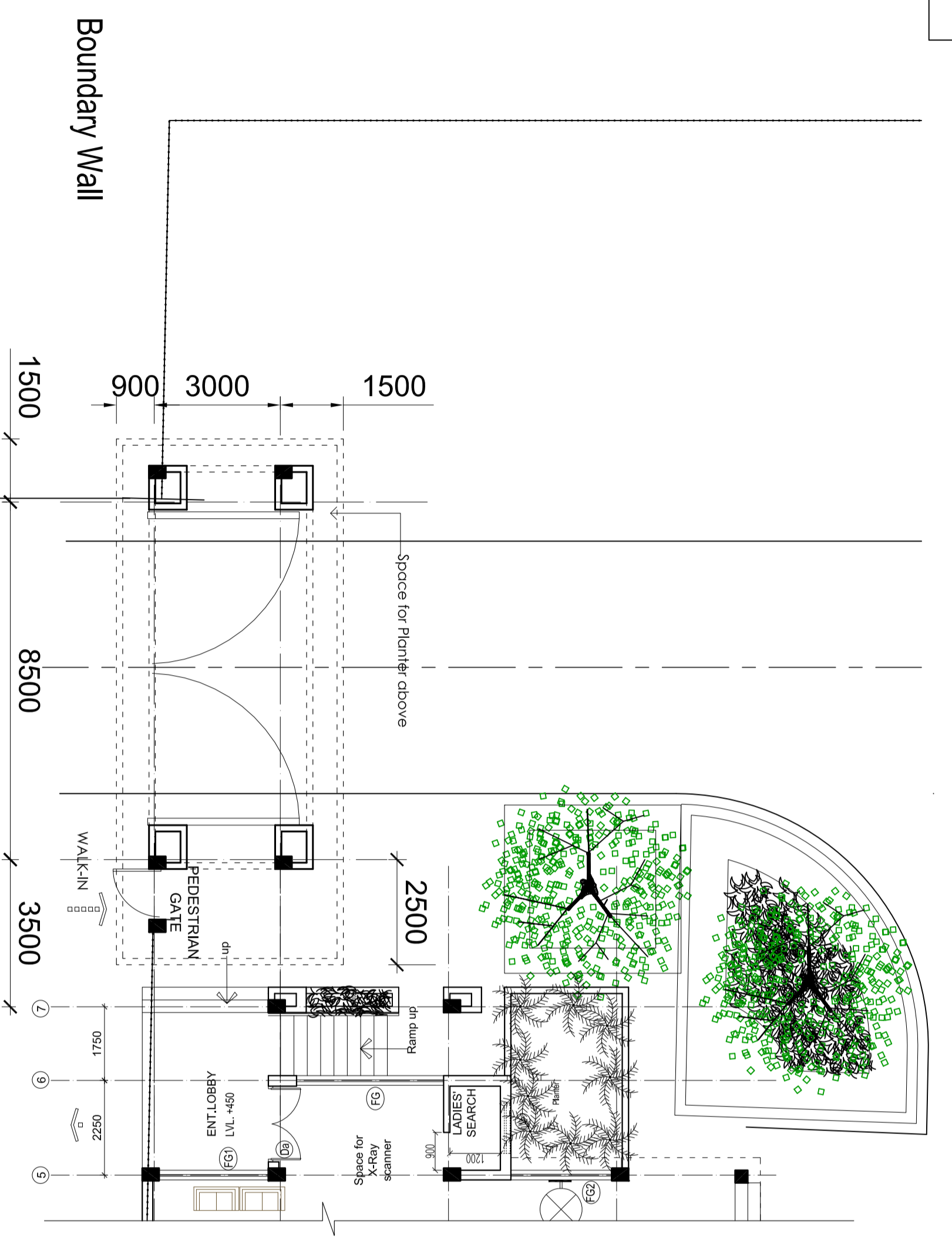
GUARD ROOM PLANS, ELEVATION & SCHEDULES

SCALE :- 1:100

DRG. NO. :- MEC/05/28/23/JUN/GCS/ITD/014

SHEET 1 OF 1





- NOTES:
- 1. ALL DIMENSIONS AND LEVELS ARE IN MM, UNLESS MENTIONED OTHERWISE.
  - 2. ALL DIMENSIONS AND LEVELS ARE TO FACE UNLESS SPECIFIED OTHERWISE.
  - 3. ALL CHIMNEY CANOPY PROJECTIONS SHALL HAVE 200mm MOUTHS GROOVES UNDERNEATH ALL ALONG PERIMETER.
  - 4. ALL DIMENSIONS AND LEVELS ARE TO FACE UNLESS SPECIFIED OTHERWISE.
  - 5. ELECTRICAL AND SERVICES DETAIL TO BE AS PER APPROVED SPEC. AND DWG.
  - 6. SPRINTING HEIGHT IN ROOMS SHALL BE 2000mm.
  - 7. SPRINTING HEIGHT IN ROOMS SHALL BE 2000mm.
  - 8. 40 THICK GRG AT FLOOR LEVEL ALL AROUND.
  - 9. SUITABLE SEALING ARRANGEMENT SHALL BE PROVIDED AT GATE ENTRY POINTS TO PREVENT ENTRY OF ROOF'S ETC.
  - 10. 150mm THICK CONCRETE SLAB TO BE PROVIDED AT GATE ENTRY POINTS TO PREVENT ENTRY OF ROOF'S ETC.
  - 11. 4500 CORRESPONDING TO FINISHED ROAD TOP LEVEL.
  - 12. 27mm GRC IN PARTIAL TO BE PROVIDED UNDER THE ROOM TO THE VERANDA/ BALCONY TERRACE ETC.
  - 13. 27mm GRC IN PARTIAL TO BE PROVIDED UNDER THE ROOM TO THE VERANDA/ BALCONY TERRACE ETC.

| REV | NO | DESCRIPTION | DATE | ZONE | DESCRIPTION | BY | VERIFIED | REFERENCES | DRG.NO. | APPROVED | SIG | DATE | SCALE | DRG.NO. | DRG.NO. | SHEET | REV  |   |
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CONCURRED BY

MECON LIMITED

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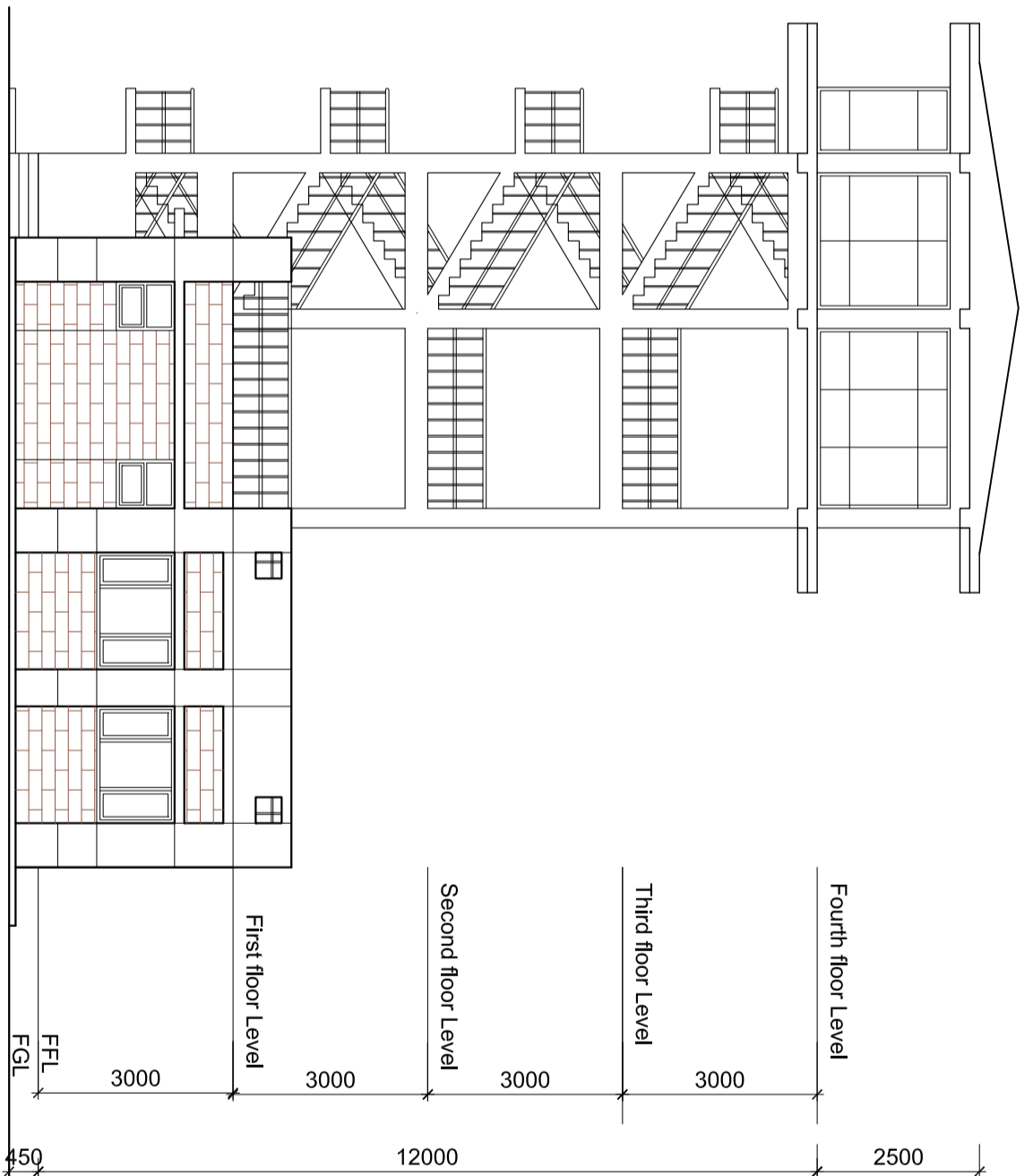
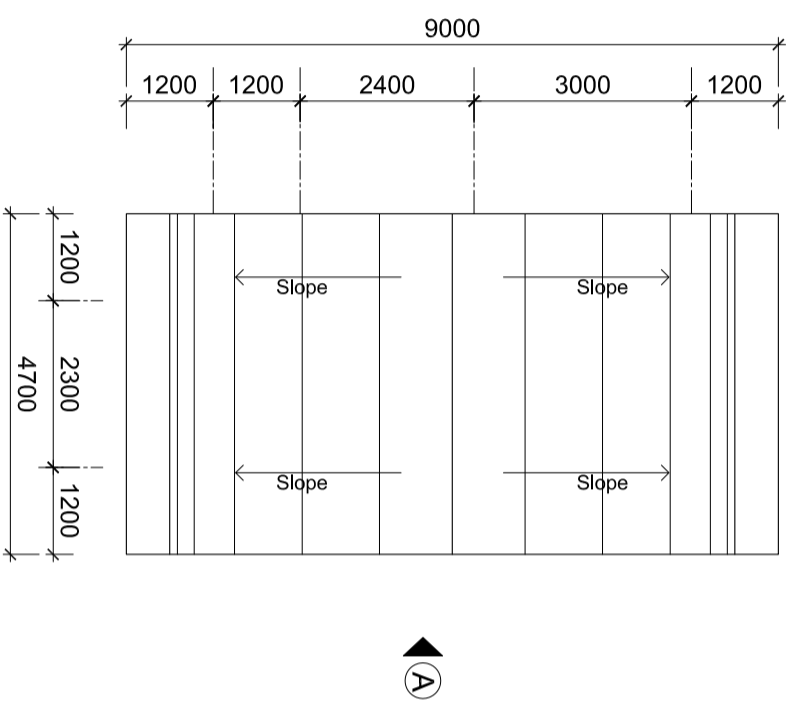
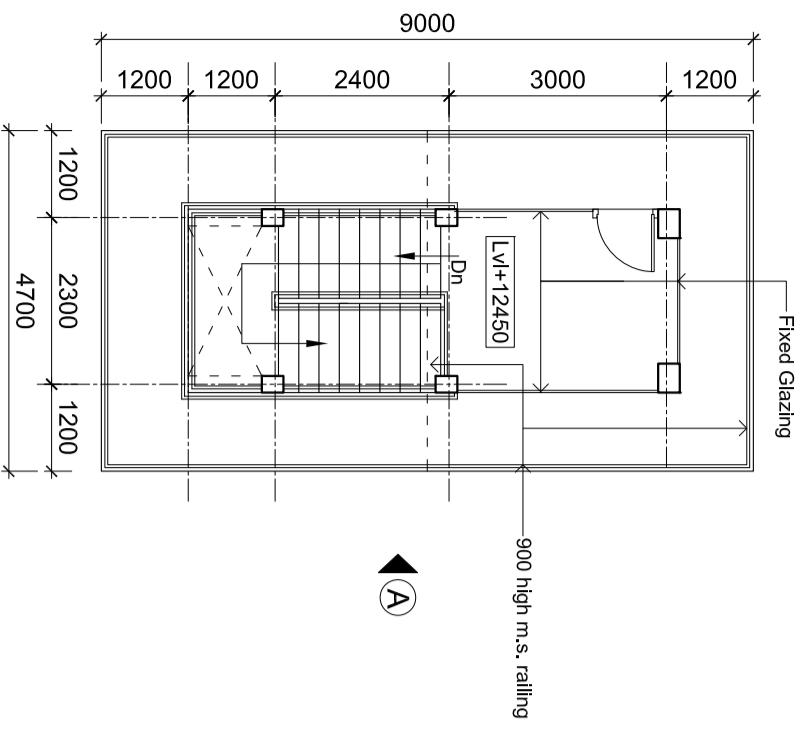
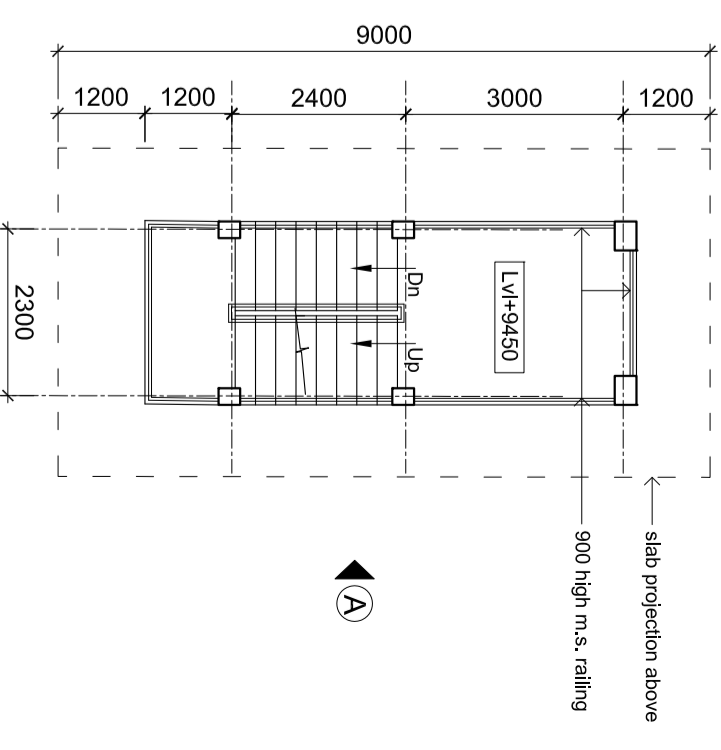
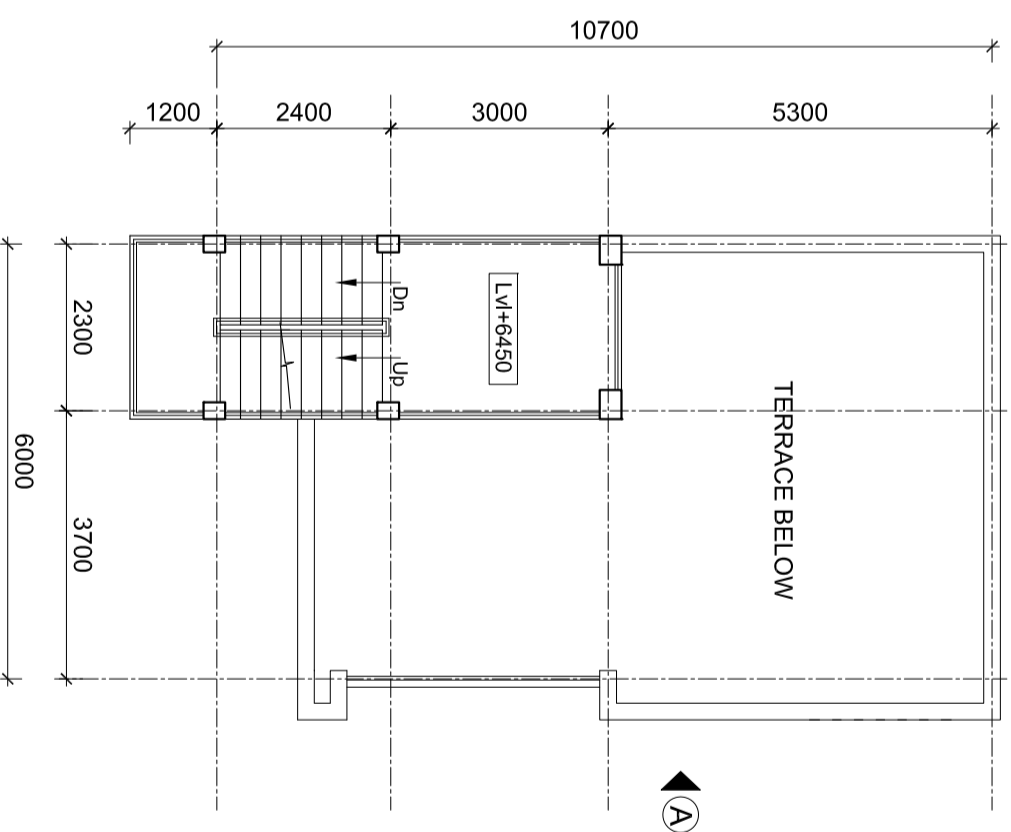
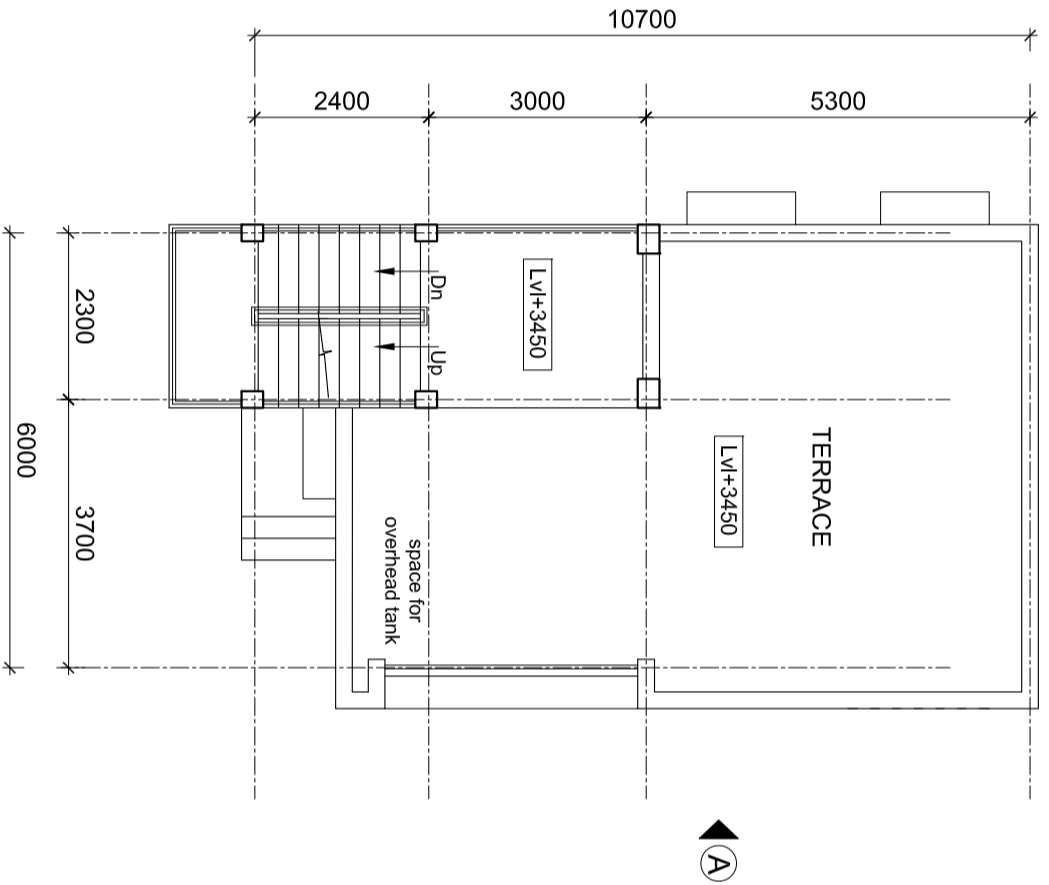
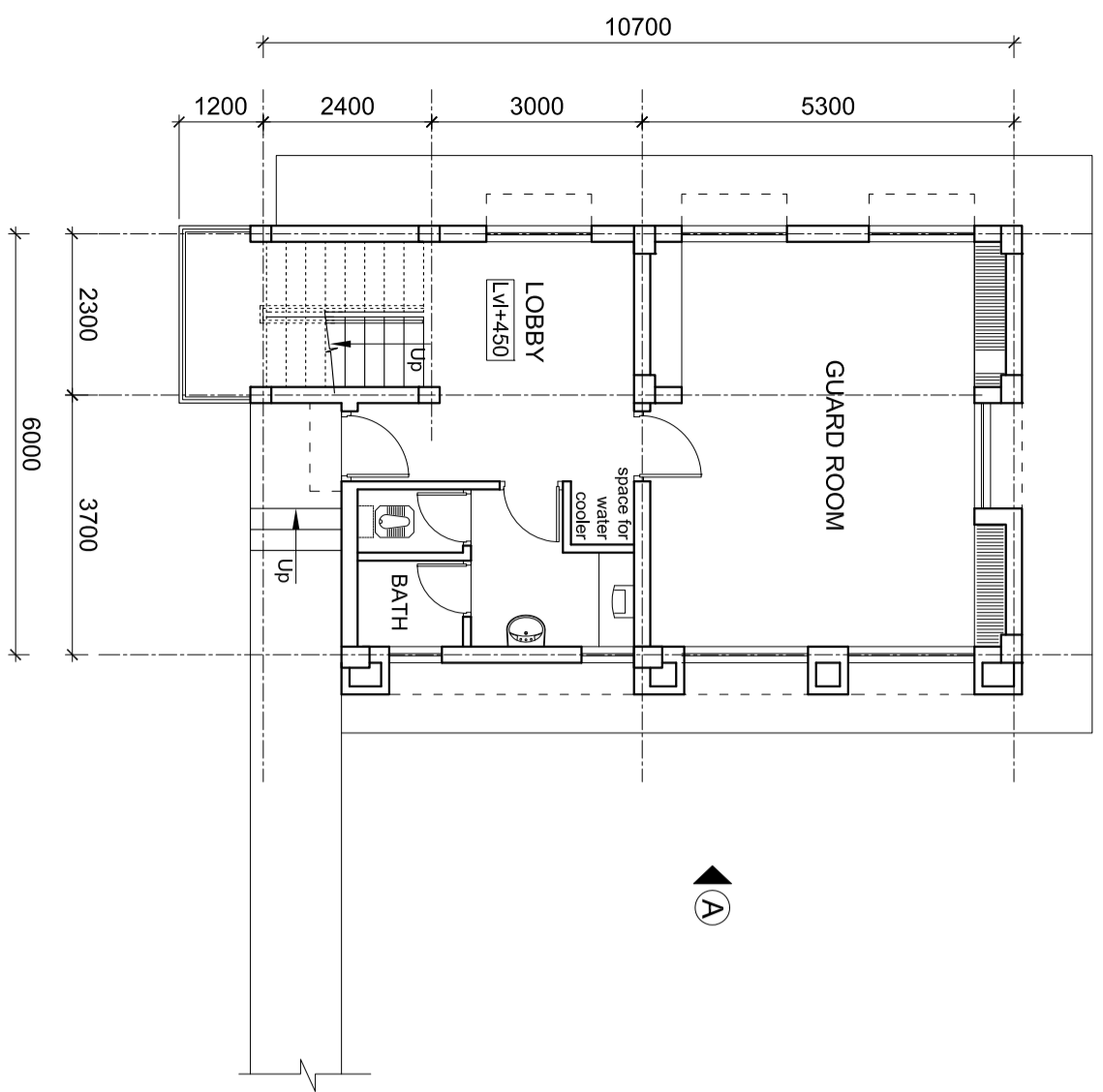
INDRADHANUSH GAS GRID LTD.

मेकन लिमिटेड

NORTH - EAST GAS GRID PIPELINE PROJECT

GATE COMPLEX PLANS & ELEVATION

SCALE :- 1:100



SCHEDULE OF FINISHES(OUTSIDE) - Exterior emulsion paint

**FOR TENDER PURPOSE ONLY**

**INDRADHANUSH GAS GRID LTD.**

**मेकॉन लिमिटेड**

**MECON LIMITED**

**NORTH - EAST GAS GRID PIPELINE PROJECT**

**GUARD ROOM CUM WATCH TOWER FOR COMPRESSOR STATION AT GUWAHATI PLANS & ELEVATION**

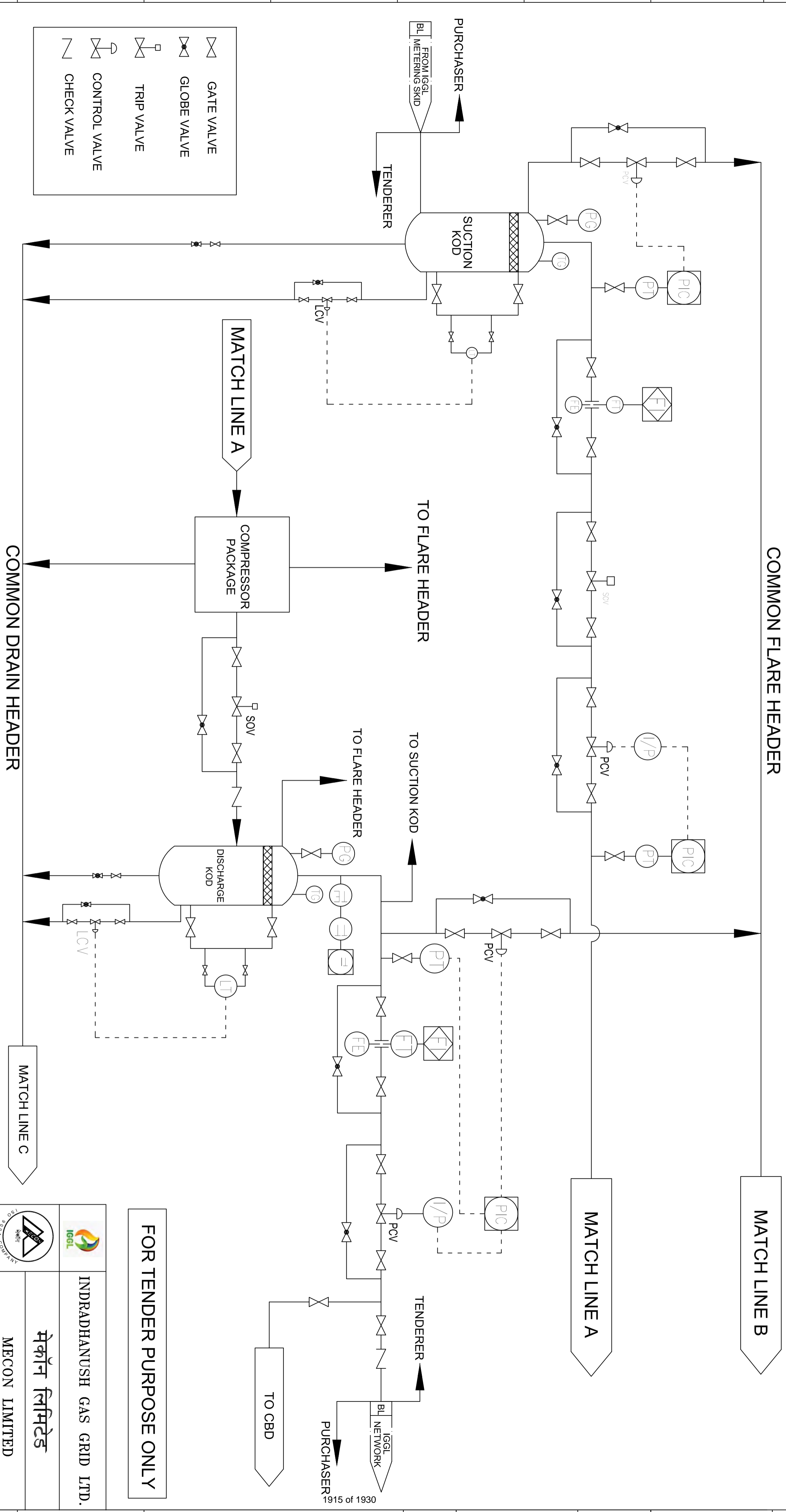
NOTES:

1. 250MM WIDE BRICKS TO BE USED FOR WALLS.
2. ALL PAINTS TO BE ECO-FRIENDLY WITH LOW V.O.C.
3. CERAMIC TILES WITH RECYCLED CONTENTS TO BE USED.
4. LOW FLOW TOILET FIXTURES TO BE USED.
5. 40.00 CORRESPONDS TO FINISHED ROAD TOP LEVEL.
6. 12 MM DROP IN FINISH SLAB TO BE MAINTAINED FROM INSIDE THE ROOM TO THE VERANDA/HBALCONY/TERRACE ETC.
7. 180 MM SLOPE APPROXIMATELY TO BE MAINTAINED FOR DRAINAGE AT ROOF LVL.
8. ALL FINISH FLOOR LEVELS (EXTERNAL/INTERNAL) MUST BE LAID IN PROPER SLOPE & DIRECTION AS MAY BE REQUIRED AS/NORMAL ENGINEERING PRACTISE.

| REV/NO | DATE | ZONE | DESCRIPTION | BY | VERIFIED | REFERENCES | DRG.NO. |
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| SECTION      | ARCHITECTURE               |
|--------------|----------------------------|
| LOCATION     | DELHI                      |
| DESIGNED     | VIBHA                      |
| DRAWN        | VIBHA                      |
| CHECKED      | S.BASU                     |
| AND VERIFIED |                            |
| SIG          | DR. R.K. DUTTA             |
| DATE         | 03.02.2022                 |
| SCALE        | 1:100                      |
| DRG. NO.     | MEC/05/28/23/UNJGCS/7D/016 |

| REV | DATE | DESCRIPTION | BY | VERIFIED | REFERENCES | DRG.NO. | APPROVED | DATE | SCALE | DRG. NO. | SHEET | REV |
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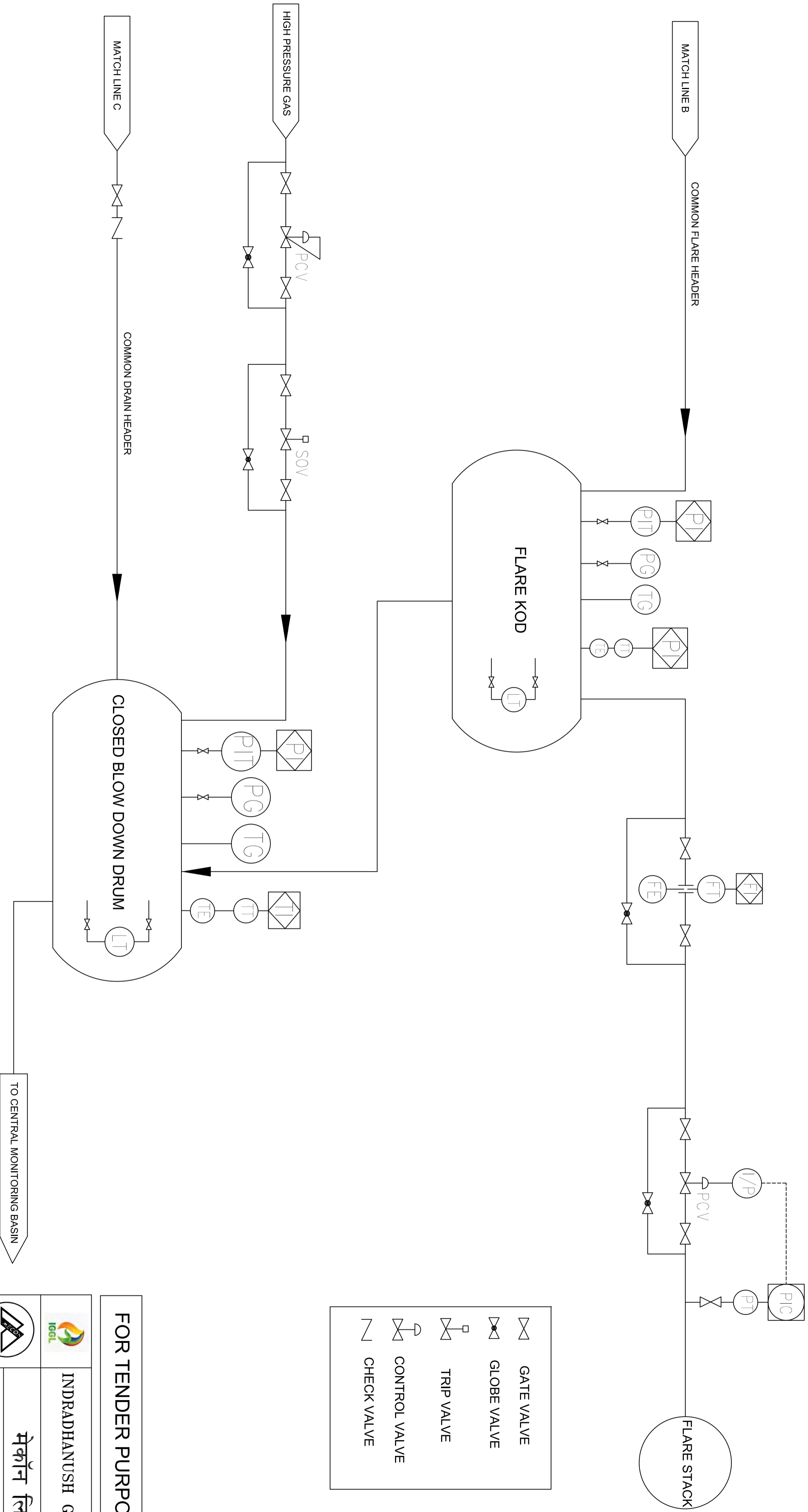


1. P&ID IS INDICATIVE WITH BARE MINIMUM PIPES, VALVES, FITTINGS AND INSTRUMENTS.
2. TENDERER SHALL PREPARE DETAILED P&ID.
3. OPERATION, CONTROL & MONITORING OF ENTIRE PLANT AND EQUIPMENT SHALL BE CARRIED OUT FROM CENTRAL PLC/DCS.

**FOR TENDER PURPOSE ONLY**

|                                                                                     |                  |                                        |                            |
|-------------------------------------------------------------------------------------|------------------|----------------------------------------|----------------------------|
|  |                  | <b>INDRADHANUSH GAS GRID LTD.</b>      |                            |
|  |                  | <b>मेकॉन लिमिटेड</b>                   |                            |
| <b>MECON LIMITED</b>                                                                |                  | NORTH - EAST GAS GRID PIPELINE PROJECT |                            |
| SECTION                                                                             | PP & ES          | DESIGNED                               | S.BANERJEE                 |
| LOCATION                                                                            | RANCHI           | DRAWN                                  | S.KUMAR                    |
| CHECKED                                                                             | D.CHATTERJEE     | DATE                                   | 15.02.2022                 |
| APPROVED                                                                            | SIG. A.K.BAIDAGI | DATE                                   | 15.02.2022                 |
| NATURAL GAS COMPRESSOR STATION<br>P & I DIAGRAM (TYPICAL FOR EACH COMPRESSOR)       |                  | SCALE :                                | N.T.S                      |
| REV                                                                                 | 00               | DRG. NO.                               | MEC/05/28/231U/NGCS/TD/017 |

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FOR TENDER PURPOSE ONLY

1. P&ID IS INDICATIVE WITH BARE MINIMUM PIPE, VALVES, FITTINGS AND INSTRUMENTS.
2. TENDERER SHALL PREPARE DETAILED P&ID.
3. OPERATION, CONTROL & MONITORING OF ENTIRE PLANT AND EQUIPMENT SHALL BE CARRIED OUT FROM CENTRAL PLC/DCS.

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| NO. | REV. | DATE | BY | CHKD. | APPD. | SCALE | REV. |
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**FOR TENDER PURPOSE ONLY**

**INDRADHANUSH GAS GRID LTD.**

**मेकॉन लिमिटेड**

**MECON LIMITED**

SECTION: PP & ES  
 LOCATION: RANCHI  
 DESIGNED: S.BANERJEE  
 DRAWN: S.KUMAR  
 CHECKED: D.CHATTERJEE

NORTH - EAST GAS GRID PIPELINE PROJECT

NATURAL GAS COMPRESSOR STATION  
 P & I DIAGRAM (TYPICAL FOR EACH COMPRESSOR)

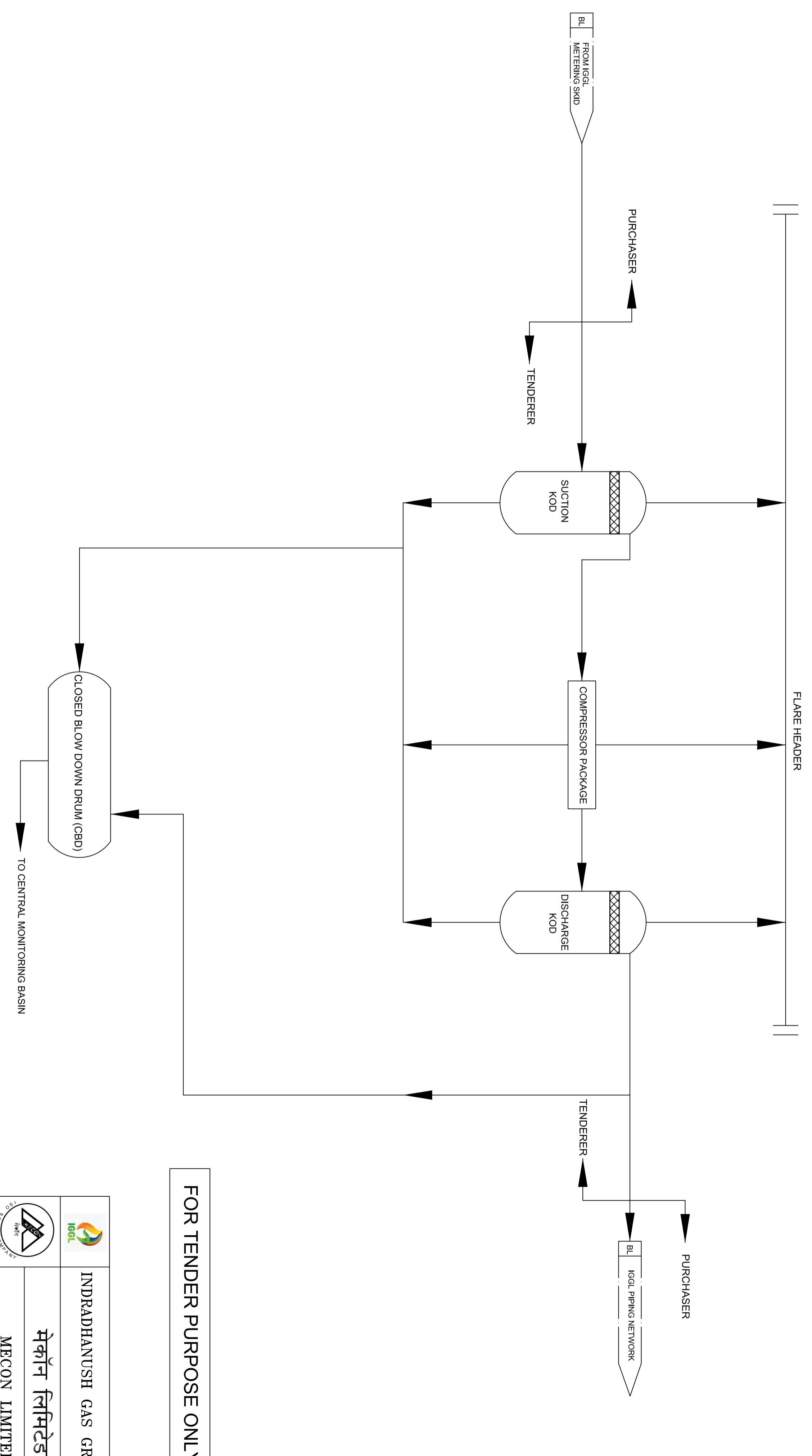
SCALE: N.T.S.

APPROVED: A.K.BHARAGI  
 DATE: 15.02.2022

100% P&ID COMPLETE

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| NO. | REV. | DATE | BY | CHKD. | APPD. | SCALE | REV. |
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FOR TENDER PURPOSE ONLY

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|-----|------|-------------------|------------|------|---------|-----------|
| NO. | REV. | DESCRIPTION       | DATE       | BY   | CHECKED | REVISIONS |
| 1   | 1    | ISSUED FOR TENDER | 15.02.2022 | S.K. | S.K.    |           |
| 2   | 2    | REVISED           |            |      |         |           |
| 3   | 3    |                   |            |      |         |           |
| 4   | 4    |                   |            |      |         |           |
| 5   | 5    |                   |            |      |         |           |
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| 19  | 19   |                   |            |      |         |           |
| 20  | 20   |                   |            |      |         |           |

**INDRADHANUSH GAS GRID LTD.**  
**मेकॉन लिमिटेड**  
**MECON LIMITED**

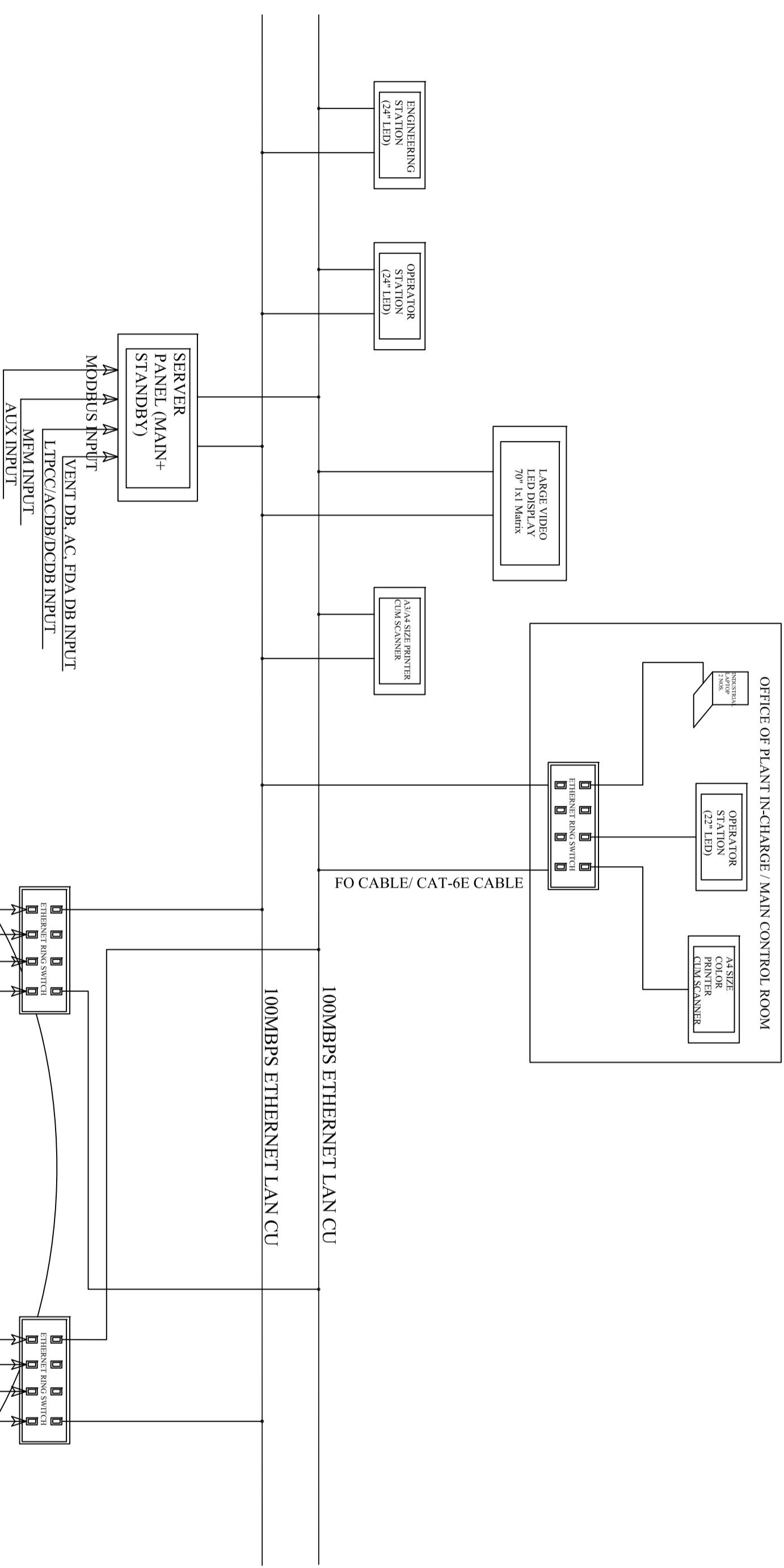
SECTION: PP & ES  
 LOCATION: RANCHI  
 DESIGNED: S.BANERJEE  
 DRAWN: S. KUMAR  
 CHECKED: D.CHATTERJEE  
 APPROVED: A.K.BAIRAGI  
 DATE: 15.02.2022

NORTH - EAST GAS GRID PIPELINE PROJECT  
 NATURAL GAS COMPRESSOR STATION  
 PROCESS FLOW DIAGRAM  
 (TYPICAL FOR EACH COMPRESSOR)

SCALE: N.T.S  
 DRG. NO. MRC/06/28/2311/MCS/TP/019

|     |   |
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| REV | 0 |
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- NOTES:-
1. DETAIL OF EACH EQUIPMENT SHALL BE DECIDED DURING DETAILED ENGINEERING.
  2. ALL ENGINEERING STATION, OPERATING STATION, SERVER AND PRINTER ARE CONNECTED ON ETHERNET BUS THROUGH IEC-61850 PROTOCOL.
  3. ALL MFM/AUXILIARY SIGNAL SHALL BE CONNECTED DIRECTLY TO MAIN+STANDBY SERVER.
  4. DETAIL ALL I/O SIGNAL OF ALL EQUIPMENT LIKE (RELAYS, BCUs, MFMs AND OTHER AUX SIGNAL) SHALL BE FINALIZED DURING DETAILED ENGINEERING STAGE.
  5. SUBSTATION AUTOMATION SYSTEM SHALL BE HOT REDUNDANT TYPE.

|              |  |  |  |  |  |  |  |  |  |  |  |  |
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|                                                                                                                                                                                          |                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| SECTION                                                                                                                                                                                  | ELECTRICAL-EI  |
| LOCATION                                                                                                                                                                                 | RANCHI         |
| DESIGNED                                                                                                                                                                                 | I/A            |
| DRAWN                                                                                                                                                                                    | P K SRIVASTAVA |
| CHECKED AND VERIFIED                                                                                                                                                                     | P.P.SAHA       |
| DRG. NO.                                                                                                                                                                                 |                |
| REFERENCES                                                                                                                                                                               |                |
| THIS DRAWING IS THE PROPERTY OF MECON AND IS ISSUED FOR THE SPECIFIC PROJECT MENTIONED THEREIN. THIS IS NOT TO BE COPIED OR USED FOR OTHER PROJECTS UNLESS EXPRESSLY PERMITTED BY MECON. |                |

FOR TENDER PURPOSE ONLY



**INDRADHANUSH GAS GRID LTD**

मेकॉन लिमिटेड

**MECON LIMITED**

NORTH - EAST GAS GRID PRELIME PROJECT

**TYPICAL SUBSTATION AUTOMATION SYSTEM ARCHITECTURE**

SCALE - NTS

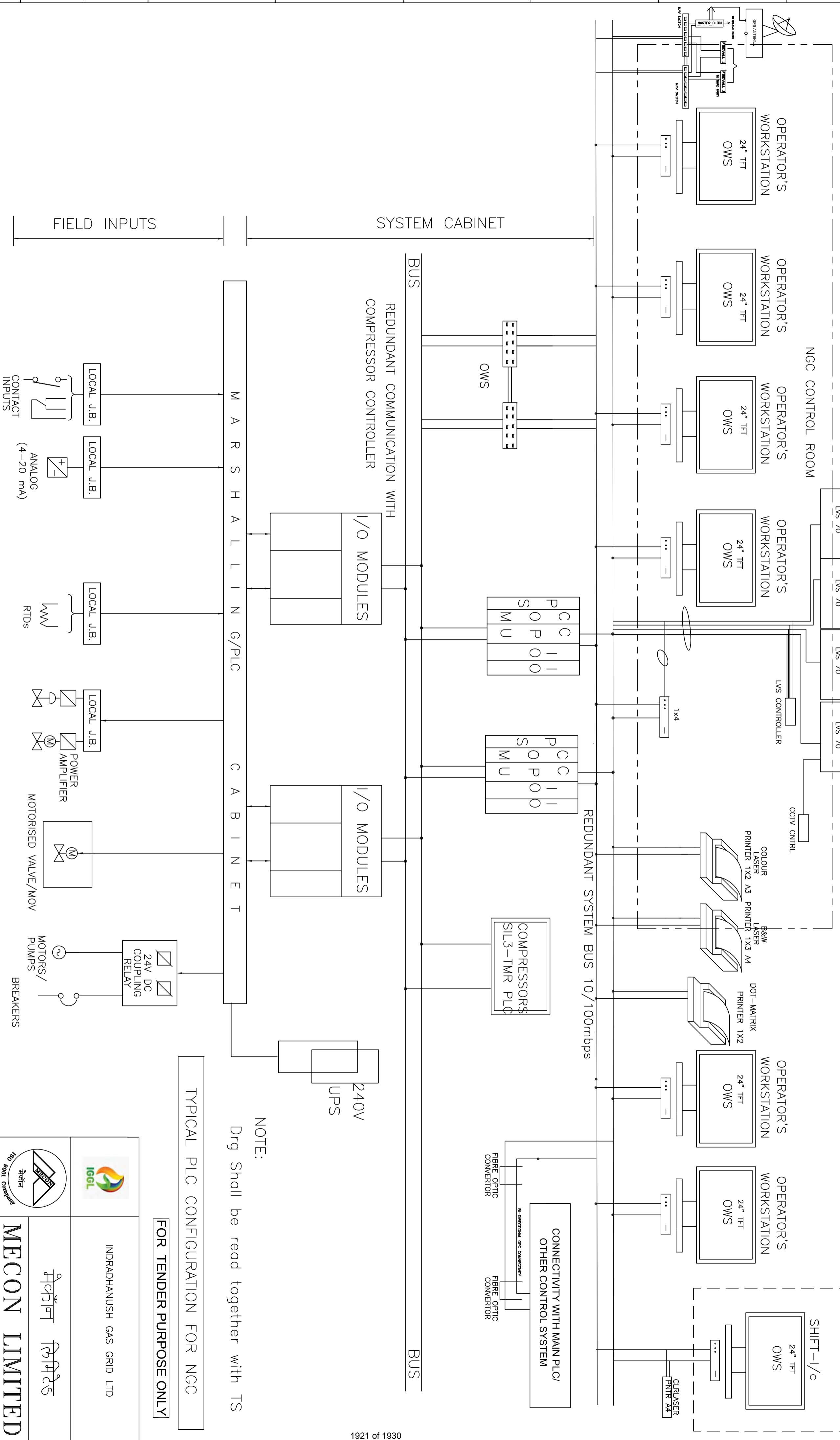
APPROVED DATE: FEB. 2022

A. PANDEY

|                                                                                                                                                                                          |                |  |  |  |  |  |  |  |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--|--|--|--|--|--|--|--|--|--|--|
| SECTION                                                                                                                                                                                  | ELECTRICAL-EI  |  |  |  |  |  |  |  |  |  |  |  |
| LOCATION                                                                                                                                                                                 | RANCHI         |  |  |  |  |  |  |  |  |  |  |  |
| DESIGNED                                                                                                                                                                                 | I/A            |  |  |  |  |  |  |  |  |  |  |  |
| DRAWN                                                                                                                                                                                    | P K SRIVASTAVA |  |  |  |  |  |  |  |  |  |  |  |
| CHECKED AND VERIFIED                                                                                                                                                                     | P.P.SAHA       |  |  |  |  |  |  |  |  |  |  |  |
| DRG. NO.                                                                                                                                                                                 |                |  |  |  |  |  |  |  |  |  |  |  |
| REFERENCES                                                                                                                                                                               |                |  |  |  |  |  |  |  |  |  |  |  |
| THIS DRAWING IS THE PROPERTY OF MECON AND IS ISSUED FOR THE SPECIFIC PROJECT MENTIONED THEREIN. THIS IS NOT TO BE COPIED OR USED FOR OTHER PROJECTS UNLESS EXPRESSLY PERMITTED BY MECON. |                |  |  |  |  |  |  |  |  |  |  |  |
| APPROVED DATE:                                                                                                                                                                           | FEB. 2022      |  |  |  |  |  |  |  |  |  |  |  |
| A. PANDEY                                                                                                                                                                                |                |  |  |  |  |  |  |  |  |  |  |  |
| SCALE                                                                                                                                                                                    | NTS            |  |  |  |  |  |  |  |  |  |  |  |
| MRC/05/28/23UU/NGCS/1D/021                                                                                                                                                               |                |  |  |  |  |  |  |  |  |  |  |  |
| SHEET/REV                                                                                                                                                                                | 1 OF 1         |  |  |  |  |  |  |  |  |  |  |  |







NOTE:  
Drg Shall be read together with TS

TYPICAL PLC CONFIGURATION FOR NGC

FOR TENDER PURPOSE ONLY

NOTES:

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MECON LIMITED

INDRADHANUSH GAS GRID LTD

MECON 150 900L Compressor

IGGL

SECTION: E&I(P)

LOCATION: NORTH - EAST GAS GRID PIPELINE PROJECT

DESIGNED: R.A.NCHHI

DRAWN: D.K.MISHRA

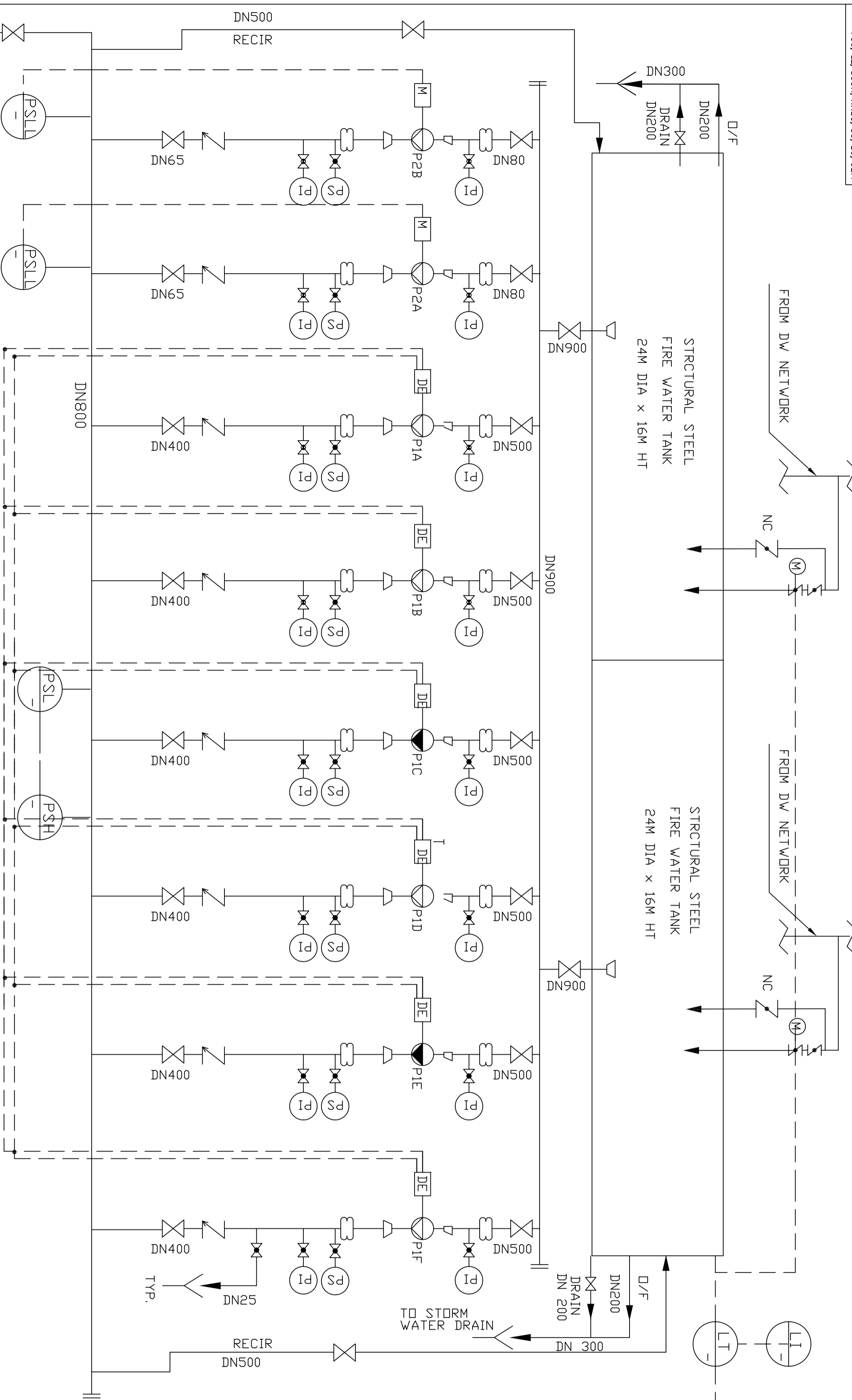
CHECKED: A.K.MAITI

VERIFIED: [Signature]

APPROVED: [Signature]

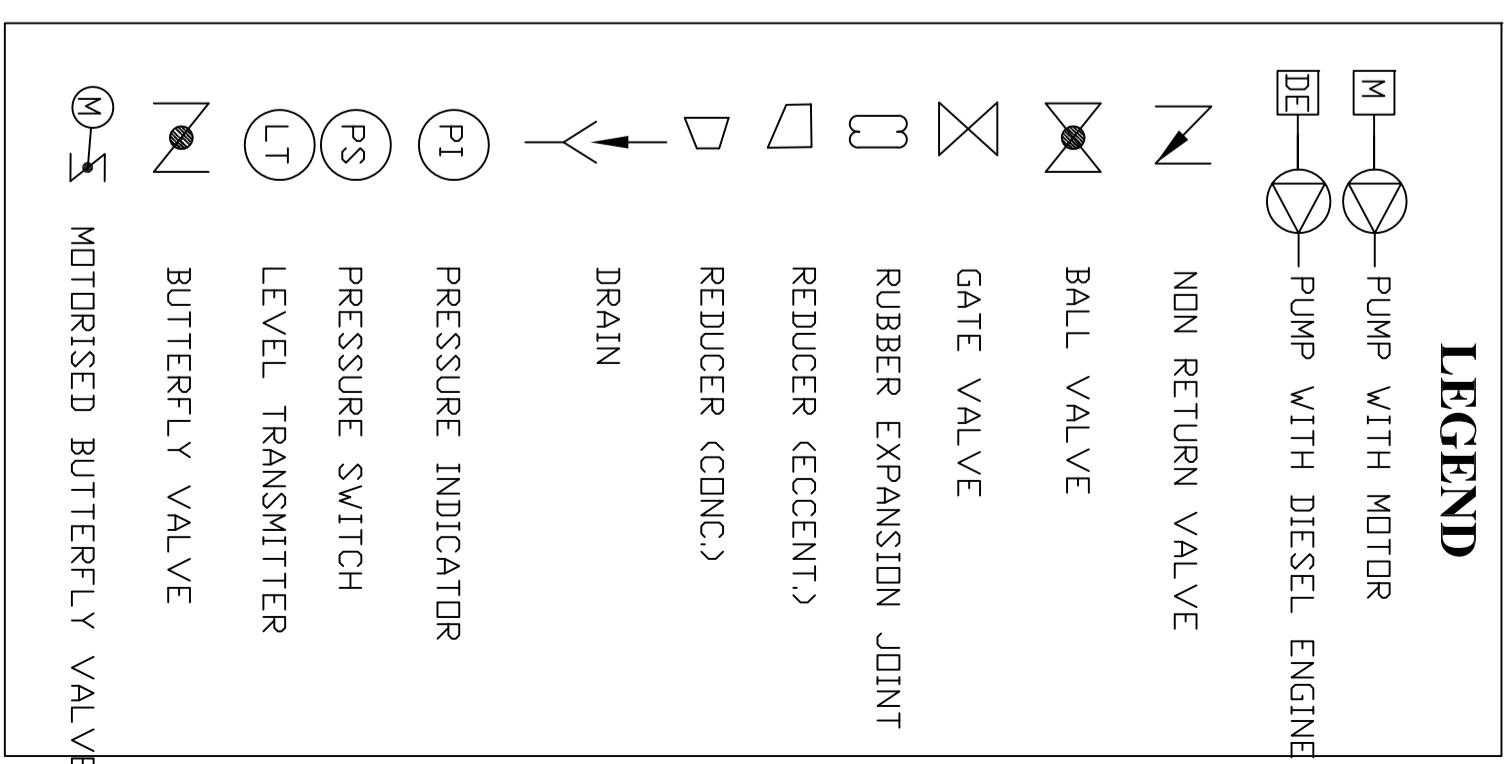
SCALE: NTS

PLC CONFIGURATION DIAGRAM



FOR TENDER PURPOSE ONLY

| SL. NO. | PUMP TAG NO.   | DESCRIPTION                                            | QTY. |
|---------|----------------|--------------------------------------------------------|------|
| 1       | P1A TO P1F(DE) | CAP - 785m <sup>3</sup> /hr<br>HEAD-105 mWC<br>(4W+2R) | 06   |
| 2       | PZA & PZB (M)  | CAP - 10 m <sup>3</sup> /hr<br>HEAD-105 mWC<br>(1W+1R) | 02   |



NOTE:

- INSTRUMENTS SHOWN ARE TENTATIVE.
- INSTRUMENTS NECESSARY FOR THE OPERATION OF FIRE FIGHTING SYSTEM SHALL BE INCLUDED UNDER BIDDERS SCOPE OF WORK.

| REV. | DATE | ZONE | DESCRIPTION | BY | VERIFIED |
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REFERENCES: DRG. NO. \_\_\_\_\_  
 THIS DRAWING IS THE PROPERTY OF MBE AND IS ISSUED FOR THE SPECIFIC PROJECT MENTIONED THEREIN. THIS IS NOT TO BE COPIED OR USED FOR OTHER PROJECTS UNLESS EXPRESSLY PERMITTED BY MBE.

| SECTION  | FS & PD | LOCATION | RANCHI |
|----------|---------|----------|--------|
| DSGN     | SK      |          |        |
| DRAWN    | SK      |          |        |
| CHKD     | SB      |          |        |
| APPROVED | KG      |          |        |

FOR TENDER PURPOSE ONLY

INDRADHANUSH GAS GRID LTD  
GUWAHATI

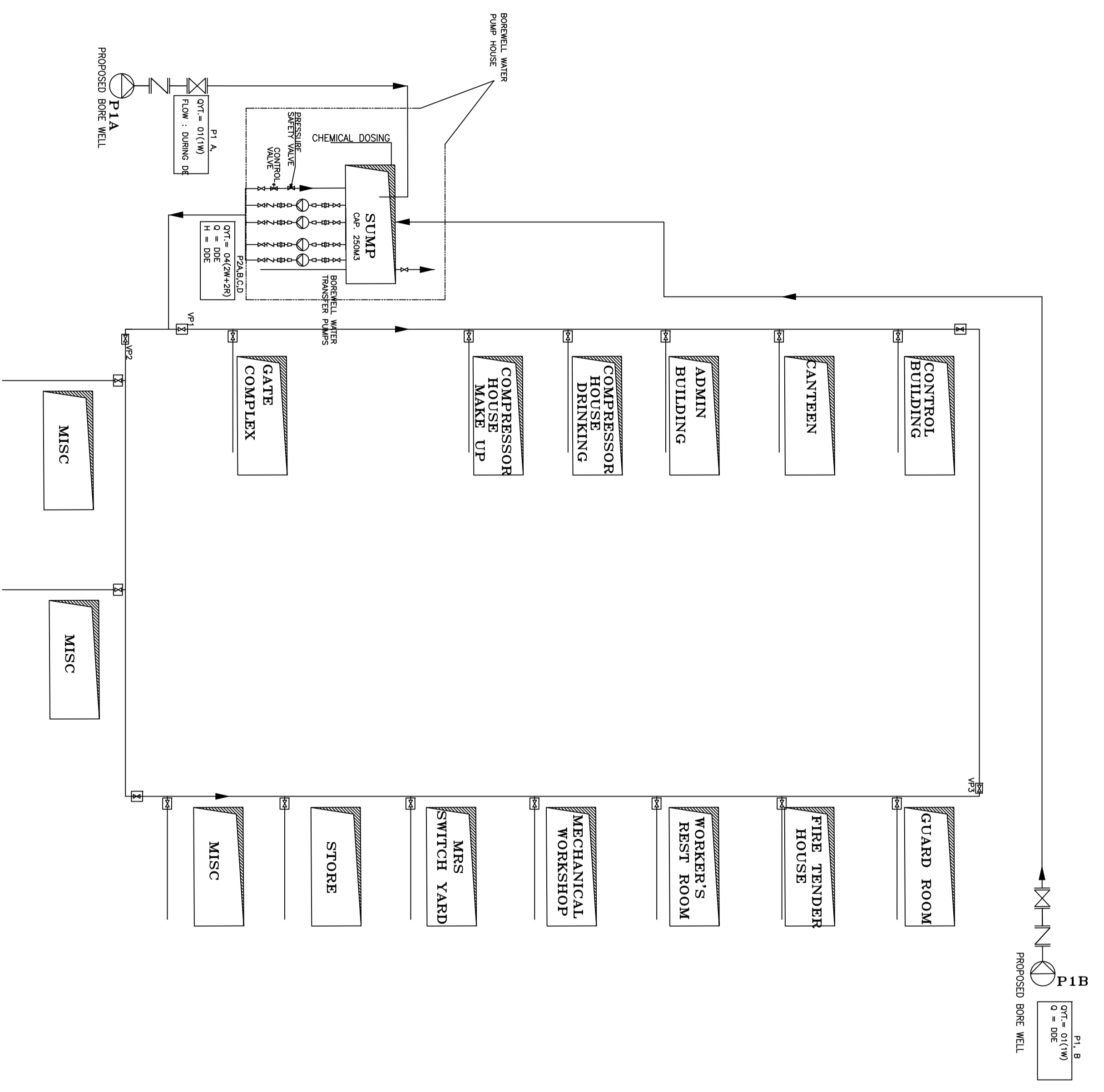
MECON LIMITED  
NORTH - EAST GAS GRID  
PIPELINE PROJECT

WATER BASED  
FIRE FIGHTING SYSTEM

SCALE - AS SHOWN

DATE 21-02-22 MEC/05/28/230U/NGCS/TD/024

SHEET REV 10F1 0



FOR TENDER PURPOSE ONLY

**LEGEND:-**

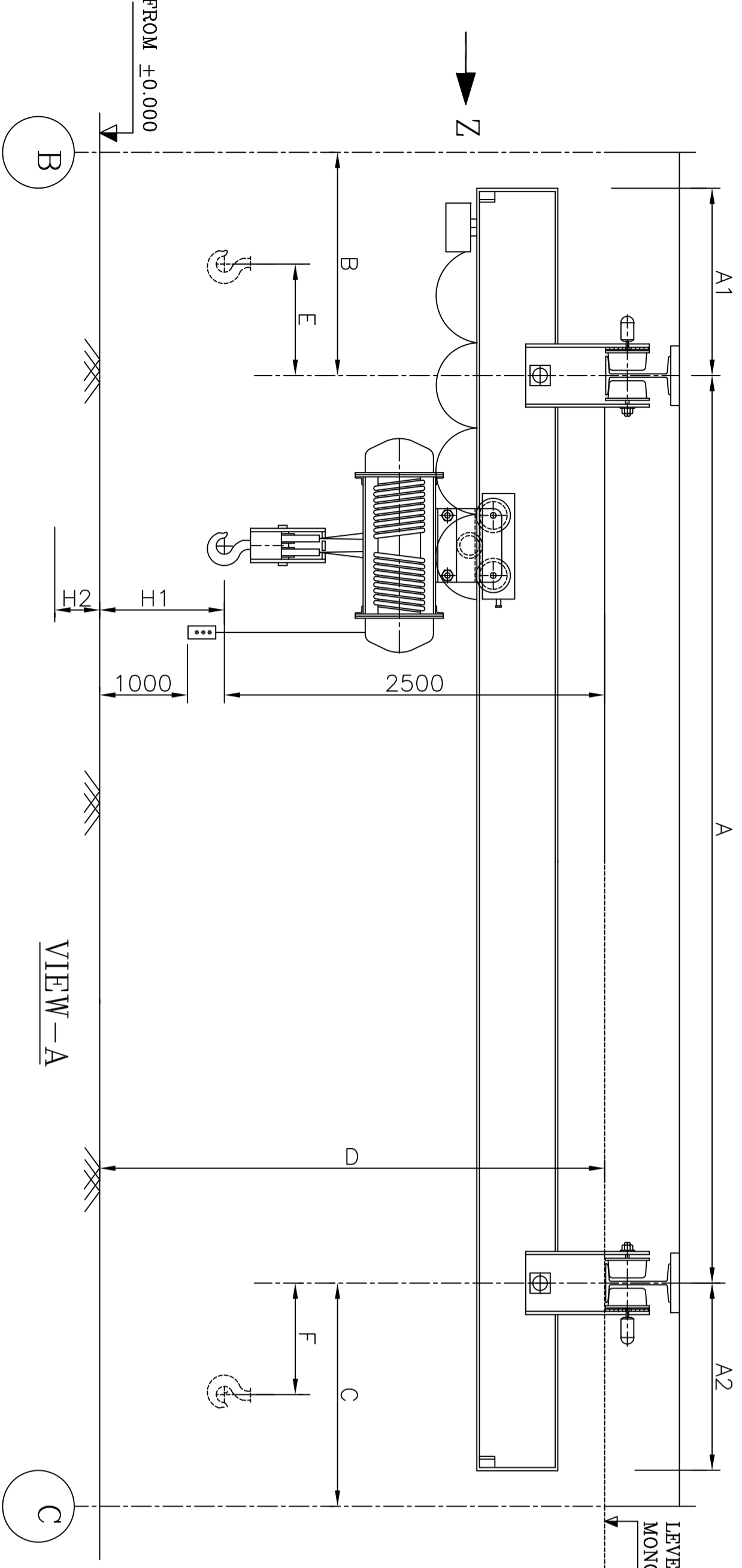
|                    |  |
|--------------------|--|
| RUBBER JOINT VALVE |  |
| NON RETURN VALVE   |  |
| GATE VALVE         |  |
| DW                 |  |
| BALL VALVE         |  |
| PUMP               |  |
| VALVE PIT & VALVE  |  |

**NOTE:-**

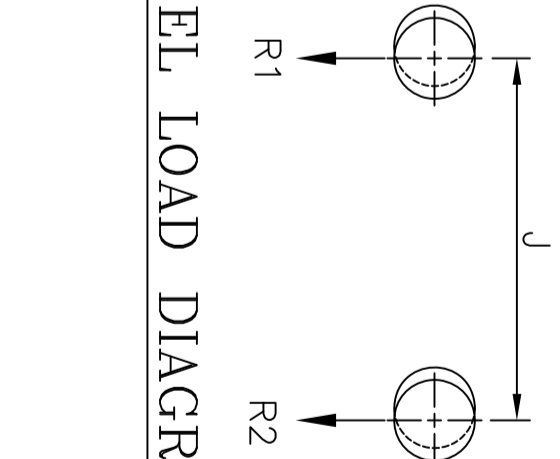
1. VALVE FIT SHALL BE PROVIDED ON UNDERSHOOT LINE.
2. MINIMUM SHALL APPLY & INITIAL PVC TANK (CAPACITY - 1000 LITERS) AT EACH UNIT. WITH ROAD VALVE, OVERFLOW & DRAIN CONNECTION.
3. MINIMUM PVC TANK (CAPACITY - 1000 LITERS) TO BE PROVIDED WITH OVERFLOW & DRAIN CONNECTION.
4. THE SIZE OF VALVES SHALL BE AS PER THE CONNECTIONS AND SHALL BE PROVIDED BY THE ENGINEER.

| REV | DESCRIPTION | BY | DATE | REV | DESCRIPTION | BY | DATE |
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| 01  |             |    |      | 01  |             |    |      |
| 02  |             |    |      | 02  |             |    |      |

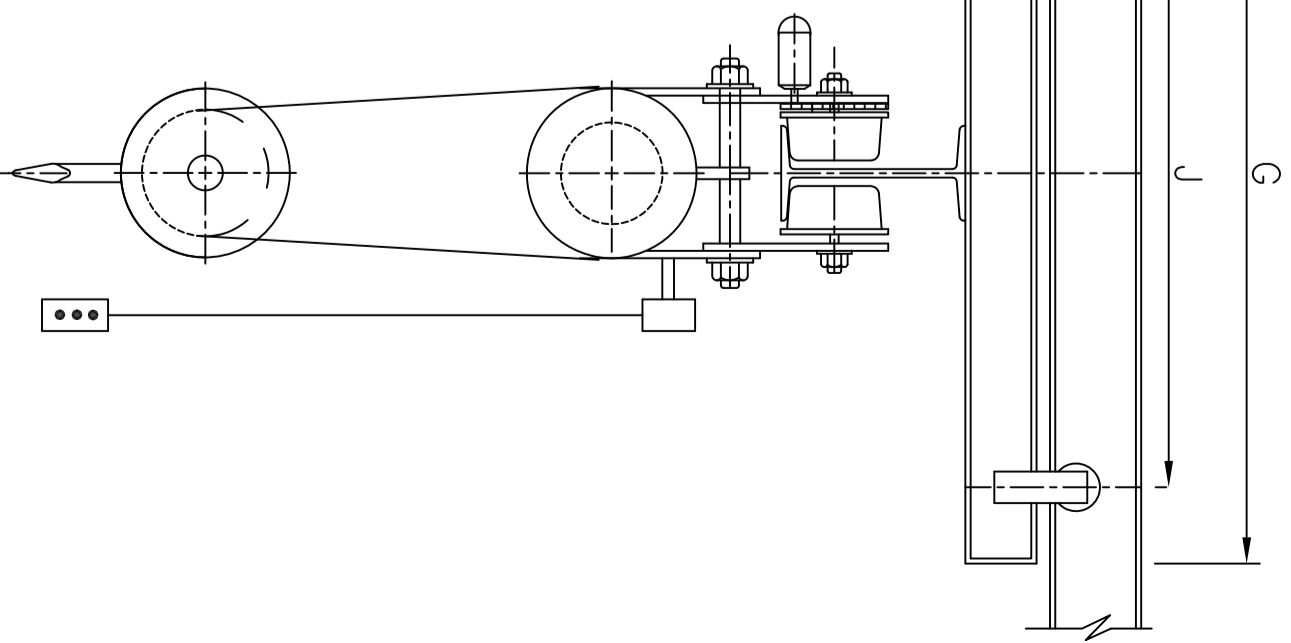
|                                                                          |         |                                                |    |
|--------------------------------------------------------------------------|---------|------------------------------------------------|----|
|                                                                          |         | <b>INDRADHANUSH GAS GRID LTD,</b><br>३३३३ ३३३३ |    |
|                                                                          |         | <b>MECON LIMITED</b>                           |    |
| NORTH - EAST GAS GRID PIPELINE PROJECT<br><b>DRINKING WATER FACILITY</b> |         |                                                |    |
| SECTION                                                                  | FS & PD | DESIGNED                                       | SK |
| LOCATION                                                                 | RANCHI  | DRAWN                                          | SK |
| CHKD. & VERIFIED                                                         | SSB     | APPROVED                                       | KG |
| SCALE:- NTS                                                              |         | REV 01                                         |    |
| MEO/05/28/23U/NCS/70/025                                                 |         |                                                |    |



VIEW-A



WHEEL LOAD DIAGRAM



VIEW-Z

### TECHNICAL CHARACTERISTIC

| SL. NO. | CAP. (t) | HEIGHT OF LIFT (m) | QTY. | DUTY CLASS           | SPEED (m/min.) |       |        | MECHANISM ACCN(CM/SEC <sup>2</sup> ) |    |    | SIZE OF TRACK BEAM | WHEEL LOAD PER PAIR OF WHEEL NOT TO EXCEED (t) |    | AMBIENT TEMP. (°C)                | POWER SUPPLY         | CONTROL VOLTAGE                           | TYPE OF HOOK | MIN. RADIUS OF TRACK BEAM | LOCATION                                  | OPERATING FLOOR LEVEL (m) |
|---------|----------|--------------------|------|----------------------|----------------|-------|--------|--------------------------------------|----|----|--------------------|------------------------------------------------|----|-----------------------------------|----------------------|-------------------------------------------|--------------|---------------------------|-------------------------------------------|---------------------------|
|         |          |                    |      |                      | NORMAL         | HOIST | TRAVEL | HOIST                                | CT | LT |                    | R1                                             | R2 |                                   |                      |                                           |              |                           |                                           |                           |
| 1       | 5        | 7.0                | 1    | II AS PER IS:3938-83 | 5              | -     | 10     | 20                                   | 25 | 25 | 5                  | 10                                             | 50 | 415V+/-10% 3 PHASE AC 50HZ +3%-6% | 110V AC SINGLE PHASE | SINGLE SHANK SWIVELLING AS PER IS:3815-69 | STRAIGHT     | CENTRAL STORE             | ELECTRICAL PUSH BUTTON HANGING FROM HOIST |                           |

### DIMENSIONAL REQUIREMENT

| A mm  | A1 mm | A2 mm | B mm | C mm | D mm | E mm | F mm | G mm | H1 mm | H2 mm | J mm | K mm |
|-------|-------|-------|------|------|------|------|------|------|-------|-------|------|------|
| 13110 | 1500  | 1500  | 2945 | 2945 | 9500 | 600  | 600  | 2600 | 7000  | -     | 1800 | *    |

NOTE:-

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
2. IN CASE OF DISPARITY BETWEEN DATA MENTIONED IN DRAWING AND SPECIFICATION, CLARIFICATION SHALL BE OBTAINED FROM CONSULTANT.

FOR TENDER PURPOSE ONLY

NOTES:

| NO. | REVISION | DATE | ZONE | DESCRIPTION | BY | VERIFIED |
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MECON LIMITED

NORTH - EAST GAS GRID PIPELINE PROJECT

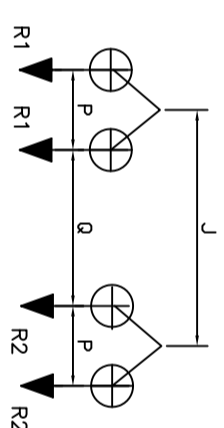
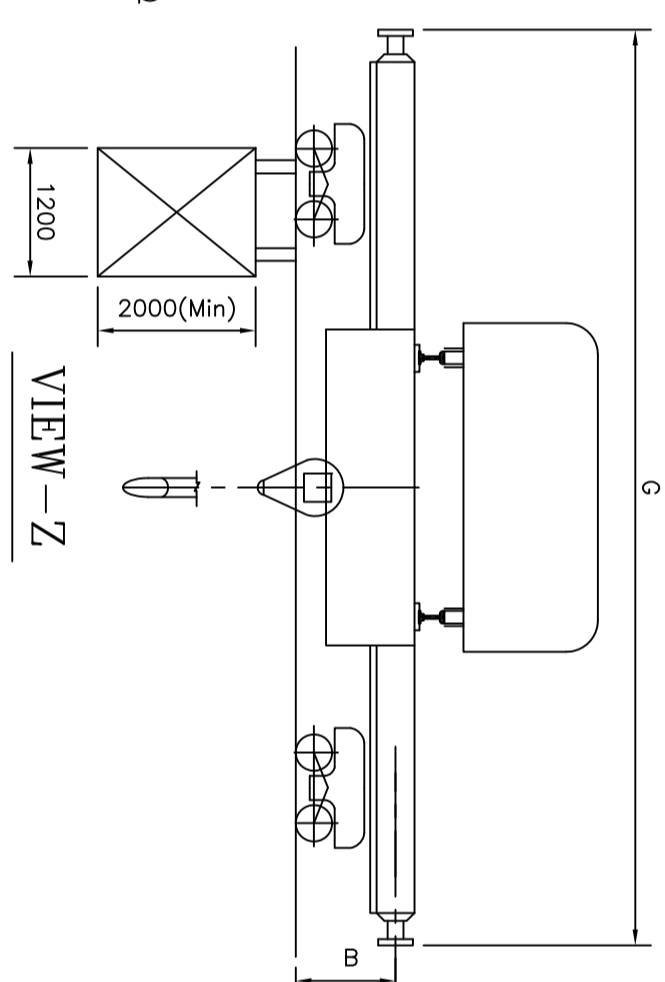
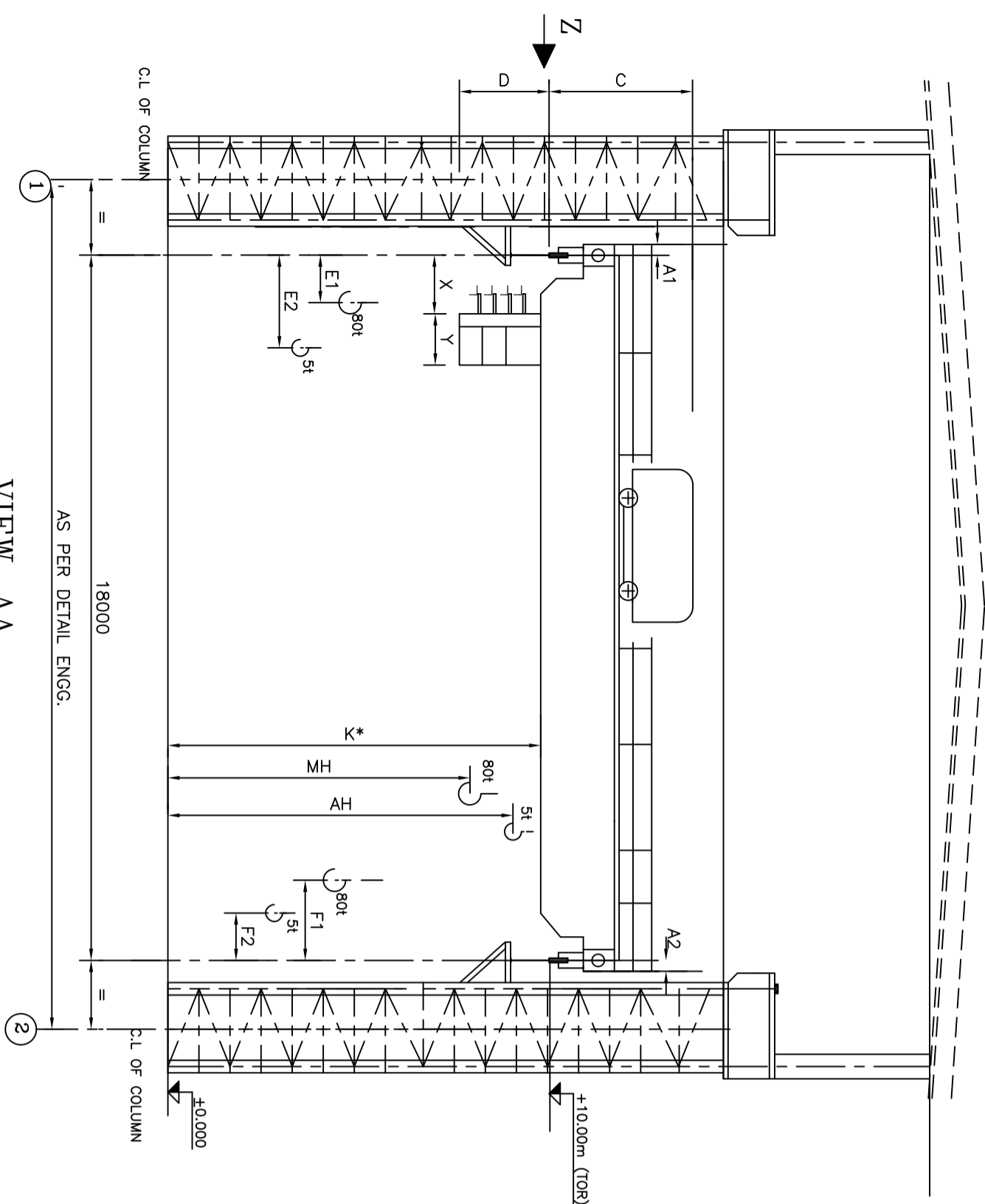
CLEARANCE DIAGRAM FOR 5.0T UNDER SLUNG CRANE

SCALE - 1:10

DRG.No. MEC/05/28/230U/NGGS/TD/026

SHEET 1 OF 1 REV. 0





TECHNICAL CHARACTERISTICS :-

| EQUIPT. No.                       | No. OFF | SPAN (m) | LIFTING CAPACITY (t) |            | DUTY CLASS                    | SPEED (m/min.) |            |            | STARTS /hr. | TOTAL HEIGHT OF LIFTING HOOK (m) |            | WHEEL LOAD NOT TO EXCEED (t) |     | GANTRY RAIL TYPE | TYPE OF CONTROL                      | POWER SUPPLY                    | CONTROL VOLTAGE          | TYPE OF HOOKS                                                |                                              | PLACE OF INSTALLATION | AMBIENT TEMP. (°C) | GANTRY RAIL LEVEL | ATTACHMENT |  |  |
|-----------------------------------|---------|----------|----------------------|------------|-------------------------------|----------------|------------|------------|-------------|----------------------------------|------------|------------------------------|-----|------------------|--------------------------------------|---------------------------------|--------------------------|--------------------------------------------------------------|----------------------------------------------|-----------------------|--------------------|-------------------|------------|--|--|
|                                   |         |          | MAIN HOIST           | AUX. HOIST |                               | MAIN HOIST     | AUX. HOIST | MAIN HOIST |             | AUX. HOIST                       | MAIN HOIST | AUX. HOIST                   | MH  |                  |                                      |                                 |                          | AH                                                           |                                              |                       |                    |                   |            |  |  |
| 1                                 | 1       | 18.0     | 15                   | 5          | CLASS-IV/M8<br>AS PER IS:3177 | 5              | 0.5        | 10         | 1.0         | 15/1.5                           | 30/3.0     | DDE                          | DDE | DDE              | JYSTICK TYPE<br>RADIO REMOTE CONTROL | 415 V, ±10%<br>3Ø AC<br>50HZ±5% | 110 V<br>1 PHASE<br>A.C. | SWELLING TYPE<br>RAMSHORN TYPE<br>FORGED HOOK<br>AS PER IPSS | SINGLE SHANK<br>SWELLING TYPE<br>AS PER IPSS | MECHANICAL WORKSHOP   | 50°                | 10.0M             | -          |  |  |
| DUTY CYCLE OF MECHANISM %         |         |          |                      |            |                               |                |            |            |             |                                  |            |                              |     |                  |                                      |                                 |                          |                                                              |                                              |                       |                    |                   |            |  |  |
| ACCELERATION (cm/s <sup>2</sup> ) |         |          |                      |            |                               |                |            |            |             |                                  |            |                              |     |                  |                                      |                                 |                          |                                                              |                                              |                       |                    |                   |            |  |  |

NOTE:-

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
2. IN CASE OF DISPARITY BETWEEN DATA MENTIONED IN DRAWING AND SPECIFICATION, CLARIFICATION SHALL BE OBTAINED FROM CONSULTANT.

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DIMENSIONAL REQUIREMENTS :-

| A1  | A2  | B    | C    | D    | E1   | E2   | F1   | F2   | G     | MH   | AH   | J    | K | L | X | Y    | P    | Q    |
|-----|-----|------|------|------|------|------|------|------|-------|------|------|------|---|---|---|------|------|------|
| 400 | 400 | 1000 | 4000 | 2200 | 1700 | 2900 | 2500 | 1300 | 10000 | 7500 | 8000 | 5200 | * | - | * | 1200 | 1800 | 3400 |

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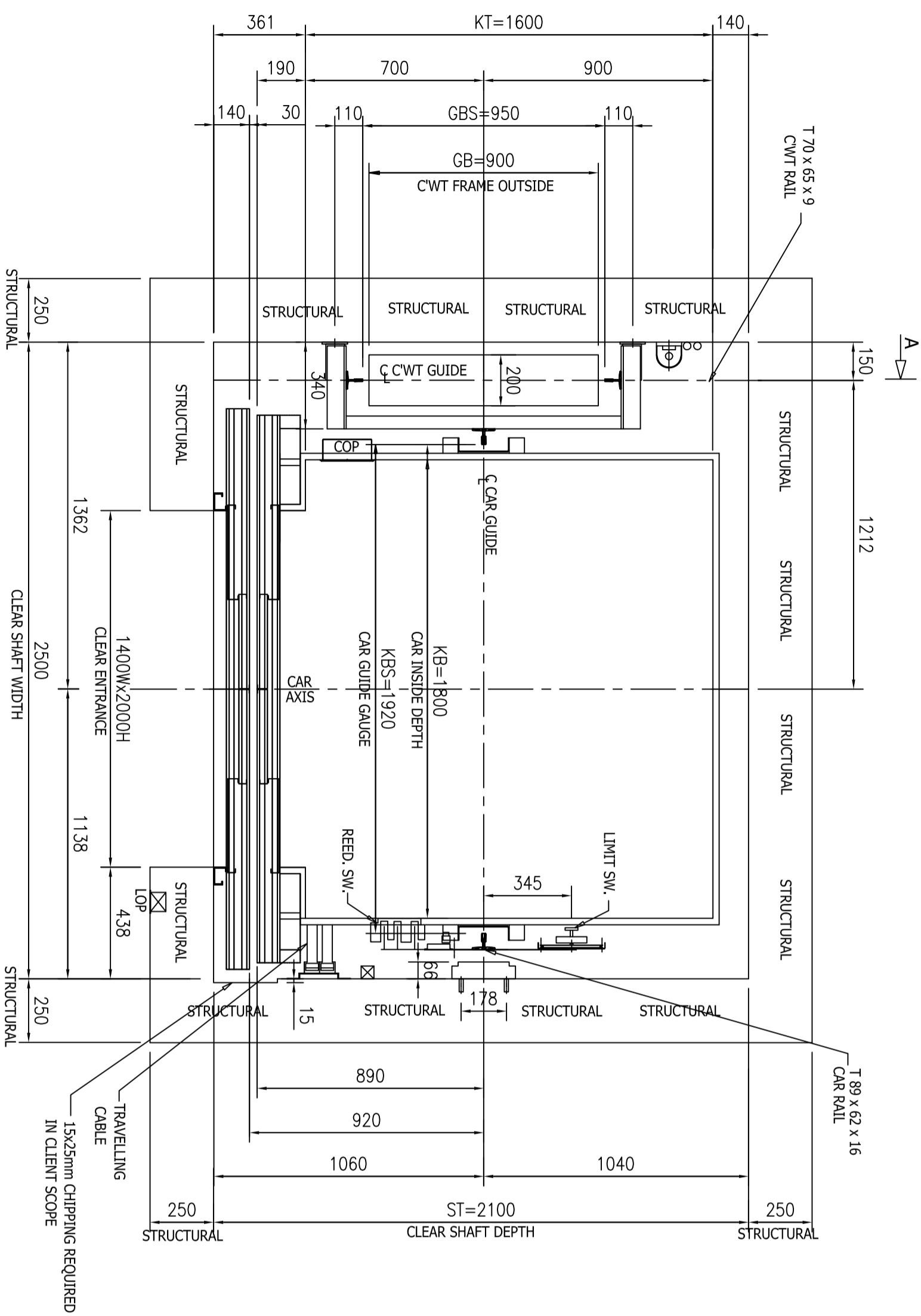


INDRADHANUSH GAS GRID LTD.

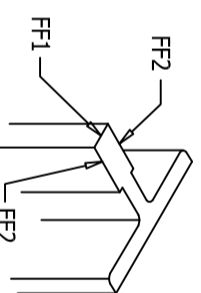
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CLEARANCE DIAGRAM OF 15/5T X 18M SPAN DG E.O.T. CRANE

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|-------------|----------------------|----------------------------------------|
| SECTION     | MH:Section           | NORTH - EAST GAS GRID PIPELINE PROJECT |
| LOCATION    | DESIGNED             |                                        |
|             | DRAWN                |                                        |
|             | CHECKED AND VERIFIED |                                        |
| REVISED     | DRG. NO.             |                                        |
| DATE        | APPROVED             |                                        |
| ZONE        | SIG.                 | SCALE - N.T.S.                         |
| DESCRIPTION | DATE                 | DRG.No. MEC/05/08/23/JUL/027           |
| REVISIONS   | VERIFIED             | 1 OF 1                                 |



# ELEVATOR SHAFT & CAR PLAN



PROCES ON  
CAR GUIDE SHOE  
FF1 = 950 N  
FF2 = 550 N

**NOTES :-**

| REV | DESCRIPTION                                     | DATE | BY | VERIFIED |
|-----|-------------------------------------------------|------|----|----------|
| △   | ELECT. INST./TELECOM FIRE FIGHTING CONCURRED BY |      |    |          |
| △   |                                                 |      |    |          |
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|                      |            |
|----------------------|------------|
| SECTION              | OL & O/S   |
| LOCATION             | BEH        |
| DESIGNED             | ASHUTOSH   |
| DRAWN                | SUNIL      |
| CHECKED AND VERIFIED |            |
| DATE                 | 18.03.2022 |

**FOR TENDER PURPOSE ONLY**

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NORTH - EAST GAS GRID PIPELINE PROJECT

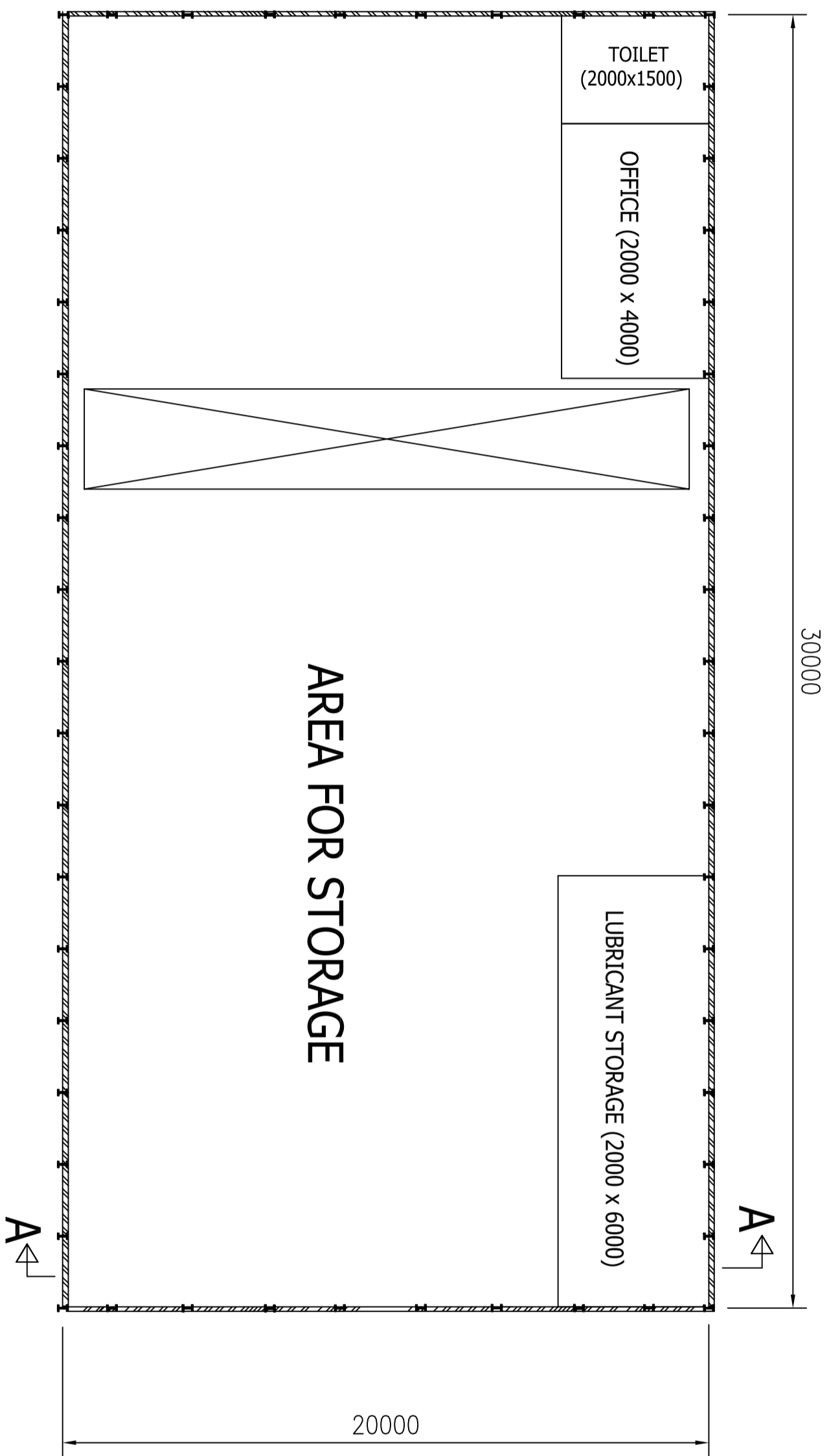
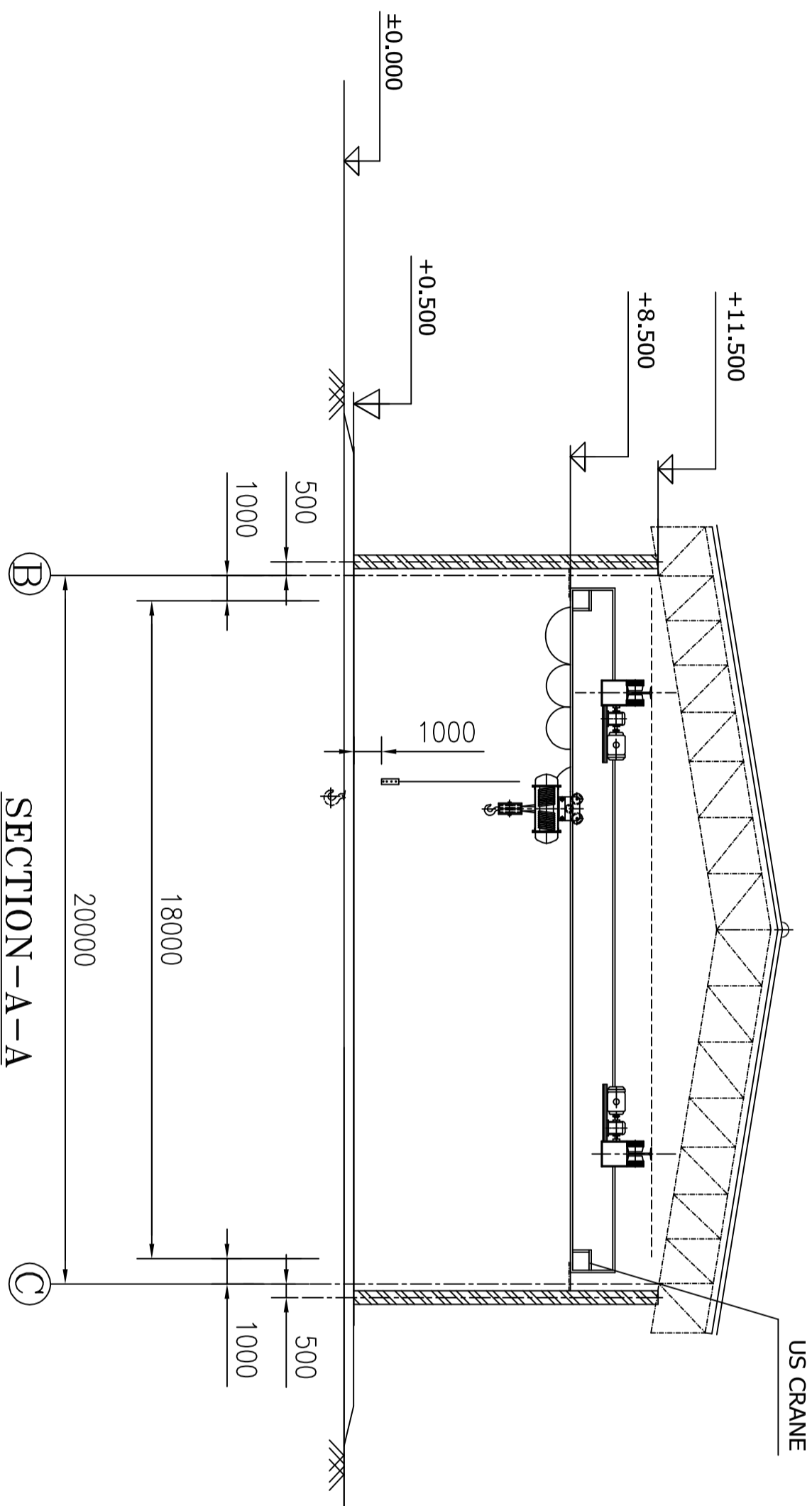
CLEARANCE DRAWING FOR ELEVATOR

SCALE : 1 : 50

DRG. NO. MEC/05/28/230U/NGS/7D/028

| REV. NO. | DATE | ZONE | DESCRIPTION | REVISION | BY | VERIFIED |
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| SECTION              | OL & O/S   |
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| DESIGNED             | ASHUTOSH   |
| DRAWN                | SUNIL      |
| CHECKED AND VERIFIED |            |
| DATE                 | 18.03.2022 |



| REV | DATE | BY | VERIFIED | DESCRIPTION                 |
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| 12  |      |    |          | ELECT. CONCURRED BY         |
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| OL & O&S | DELHI    | ASHUTOSH | SANIL |                      |          |

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| OL & O&S | DELHI    | ASHUTOSH | SANIL |                      |          |

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NORTH - EAST GAS GRID PIPELINE PROJECT

CENTRAL STORE

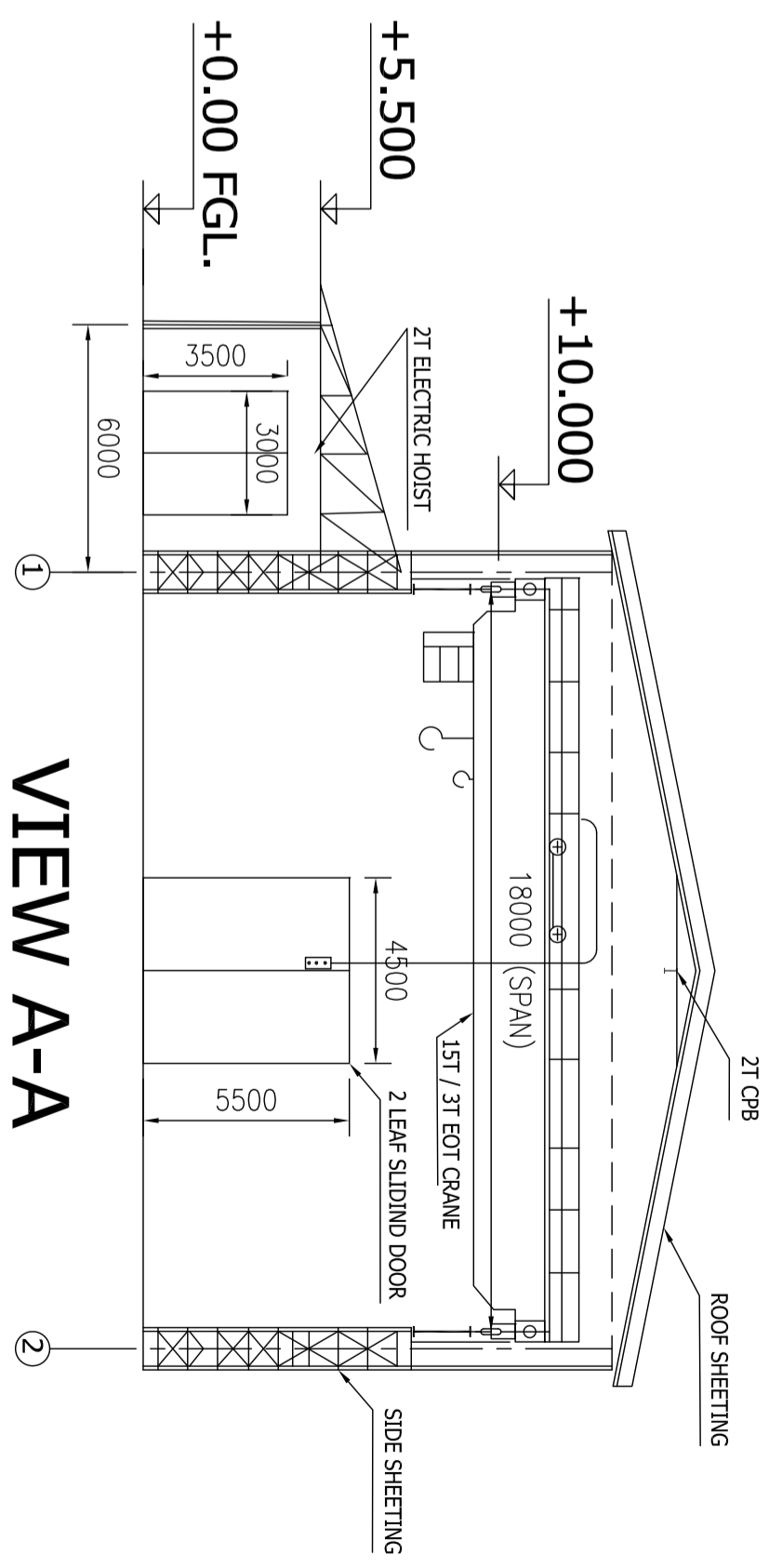
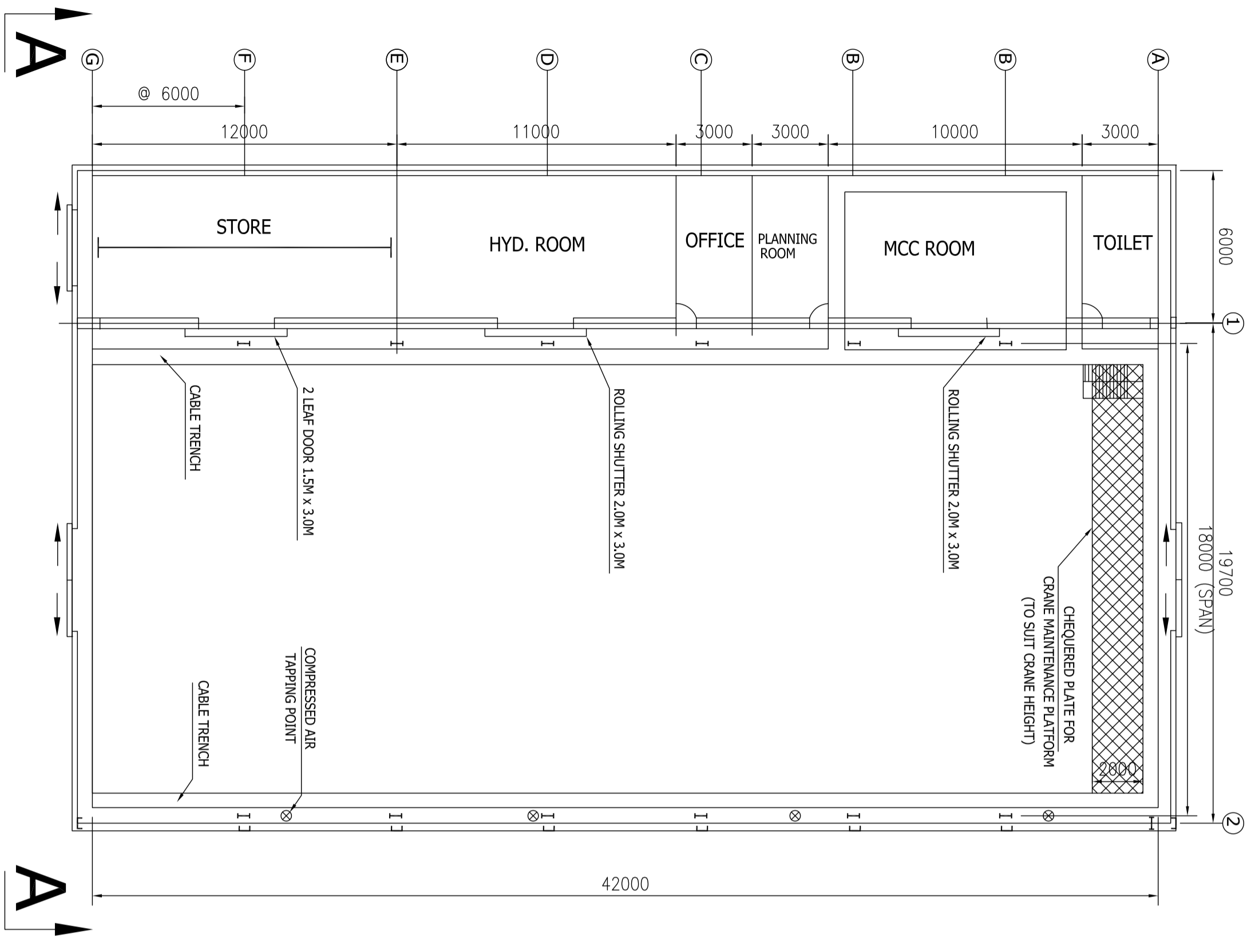
SCALE : 1 : 100

DRG. NO. MEC/05/28/230U/NGCS/70/029

DATE 18.03.2022

REV 0

FOR TENDER PURPOSE ONLY




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NOTES :-

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NORTH - EAST GAS GRID PIPELINE PROJECT

MECHANICAL WORKSHOP

SCALE : 1 : 100

DRG. NO. MEC/05/28/230U/NGCS/TD/030

DATE 18.03.2022

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