

# CONSTRUCTION OF TH.THIMARAFUSHI ISLAND WASTE MANAGEMENT CENTRE



PREPARED BY:  
MALDIVES CLEAN ENVIRONMENT PROJECT  
MINISTRY OF ENVIRONMENT

---

NOVEMBER 2020




OLHUTHERE MAGU

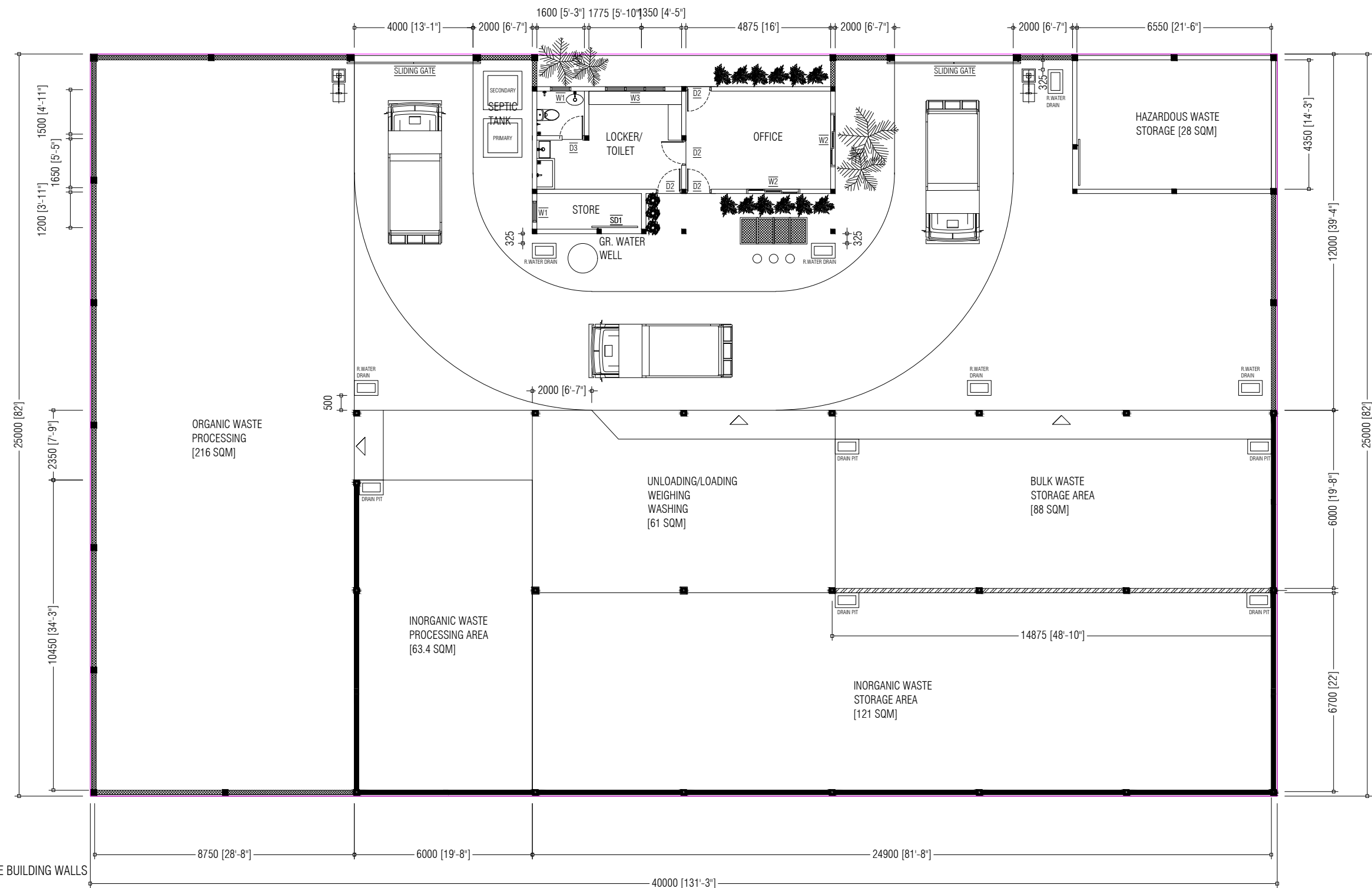
ALLOCATED IWMO  
LAND AREA  
[1000 SQM]

5000 [82]

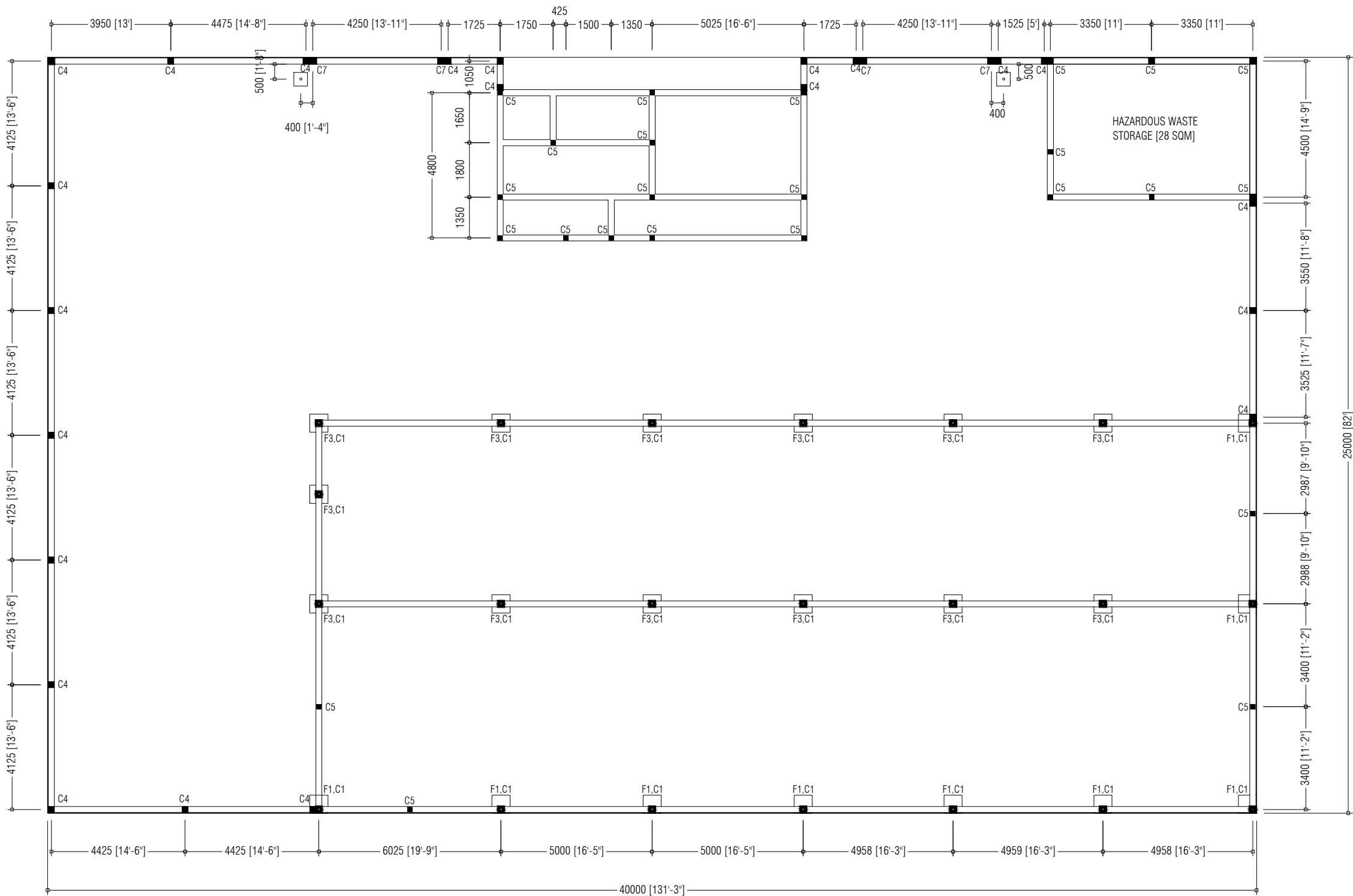
40000 [131'-3']

|   |   |   |  |
|---|---|---|--|
|  <p><b>MCEP</b><br/>MINISTRY OF ENVIRONMENT<br/><br/>GREEN BUILDING, HANDHUVAREE HIGUN,<br/>MAAFANNU, MALE (20392), REPUBLIC OF MALDIVES,<br/>TEL: +960-3018431, +960-3018300, FAX: +960-328301</p> | PROJECT   | DESIGN BY   |  |
|   | CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE<br>TH.THIMARAFUSHI | AFRAZ   |  |
|   | TITLE   | STRUCTURE BY  |  |
|   | LOCATION PLAN   | AFRAZ   |  |
|   | CLIENT DEPARTMENT   | DRAWN BY  |  |
|   | WMPC DEPARTMENT   | AFRAZ   |  |
|   | PAPER SIZE      A3  | SCALE                                  1:150        |  |
|   | PAGE NO.        01  | DWG NO.                              THIM-A1-01     |  |
|   |   | DATE                                     03.10.2020 |  |
|   |   | AMENDMENTS  |  |




 BOUNDARY FENCE

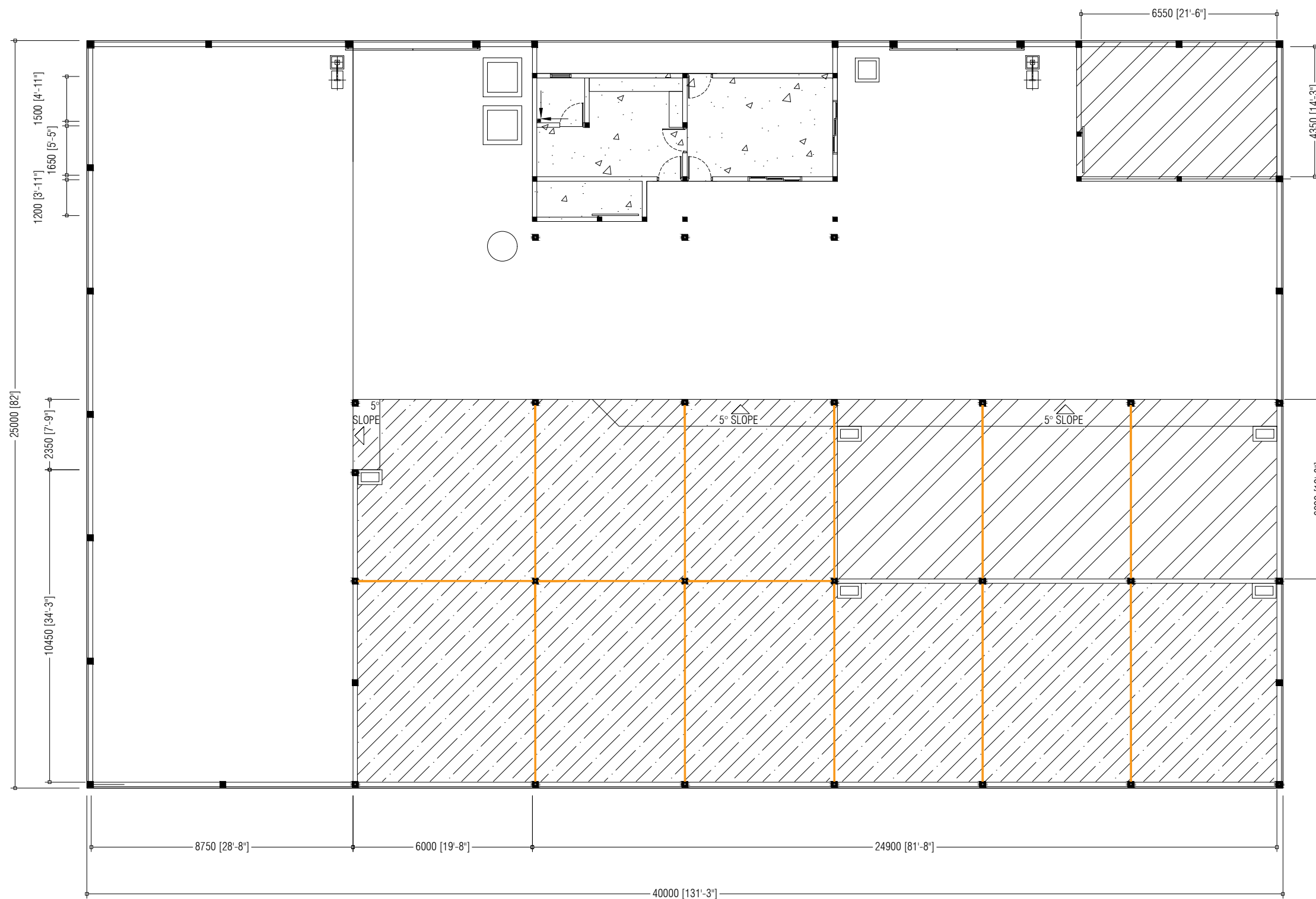
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MINISTRY OF ENVIRONMENT  
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MAAFANNU, MALÉ (20392), REPUBLIC OF MALDIVES,  
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NOTE:

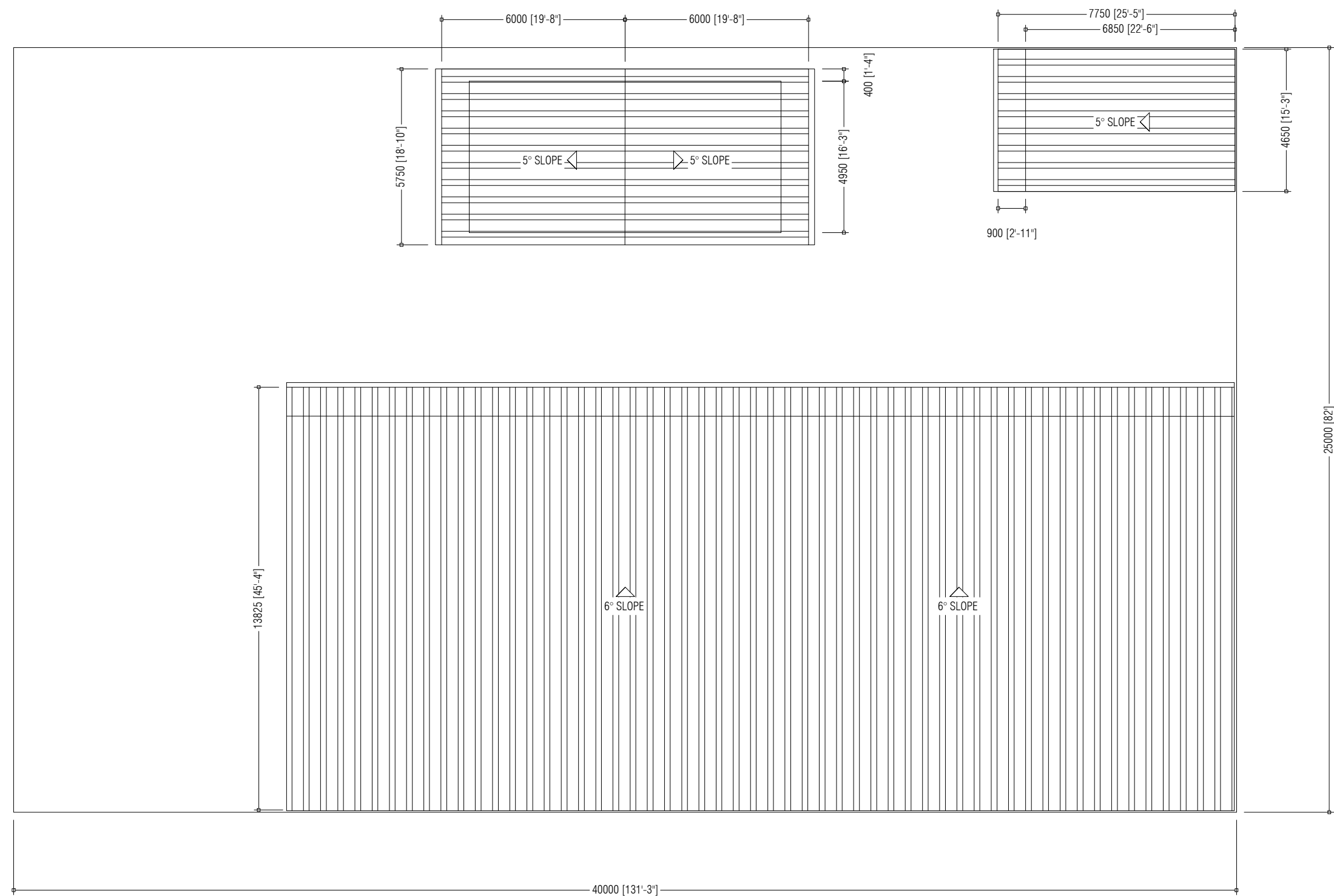
- TIE BEAMS [200X200mm]
- LAMP POST FOOTING [450X450mm]

| PREPARED BY  | PROJECT   | DESIGN BY          | AMENDMENTS |
|--|---|--------------------|------------|
|  | CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE<br>TH.THIMARAFUSHI | AFRAZ              |            |
|  | TITLE   | STRUCTURE BY       |            |
|  | FOUNDATION PLAN   | AFRAZ              |            |
|  | CLIENT DEPARTMENT   | DRAWN BY           |            |
|  | WMPC DEPARTMENT   | AFRAZ              |            |
|  | PAPER SIZE A3   | SCALE 1:150        |            |
|  <div>MCEP<br/>MINISTRY OF ENVIRONMENT<br/>GREEN BUILDING, HANDHUVAREE HIGUN,<br/>MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES.<br/>TEL: +960-3018431, +960-3018300, FAX: +960-328301</div> | PAGE NO. 03   | DWG NO. THIM-A1-03 |            |
|  |   | DATE 03.10.2020    |            |

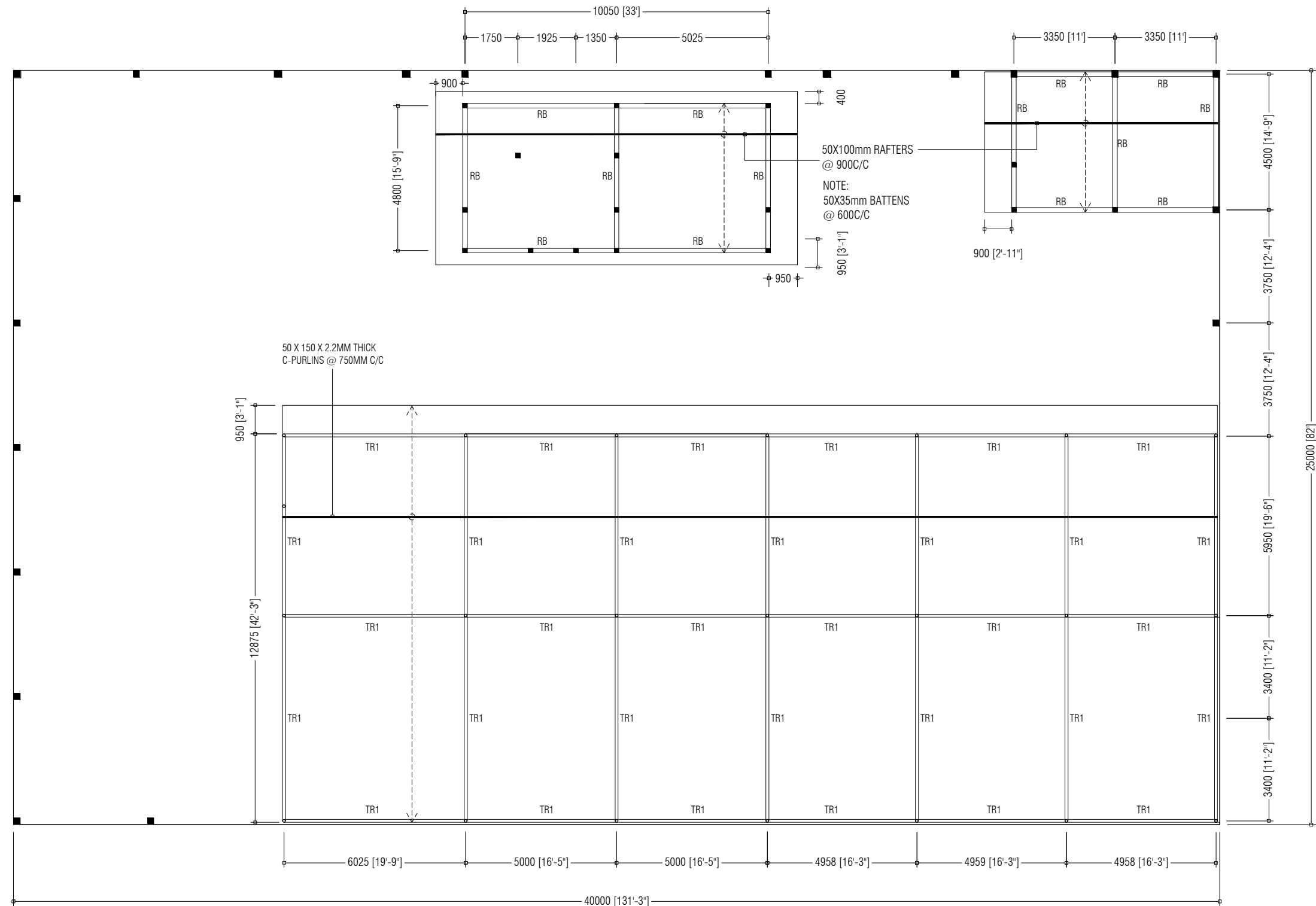


 75mm FLOOR SLAB  
 100mm FLOOR SLAB  
 150mm FLOOR SLAB  
 EXPANSION JOINTS

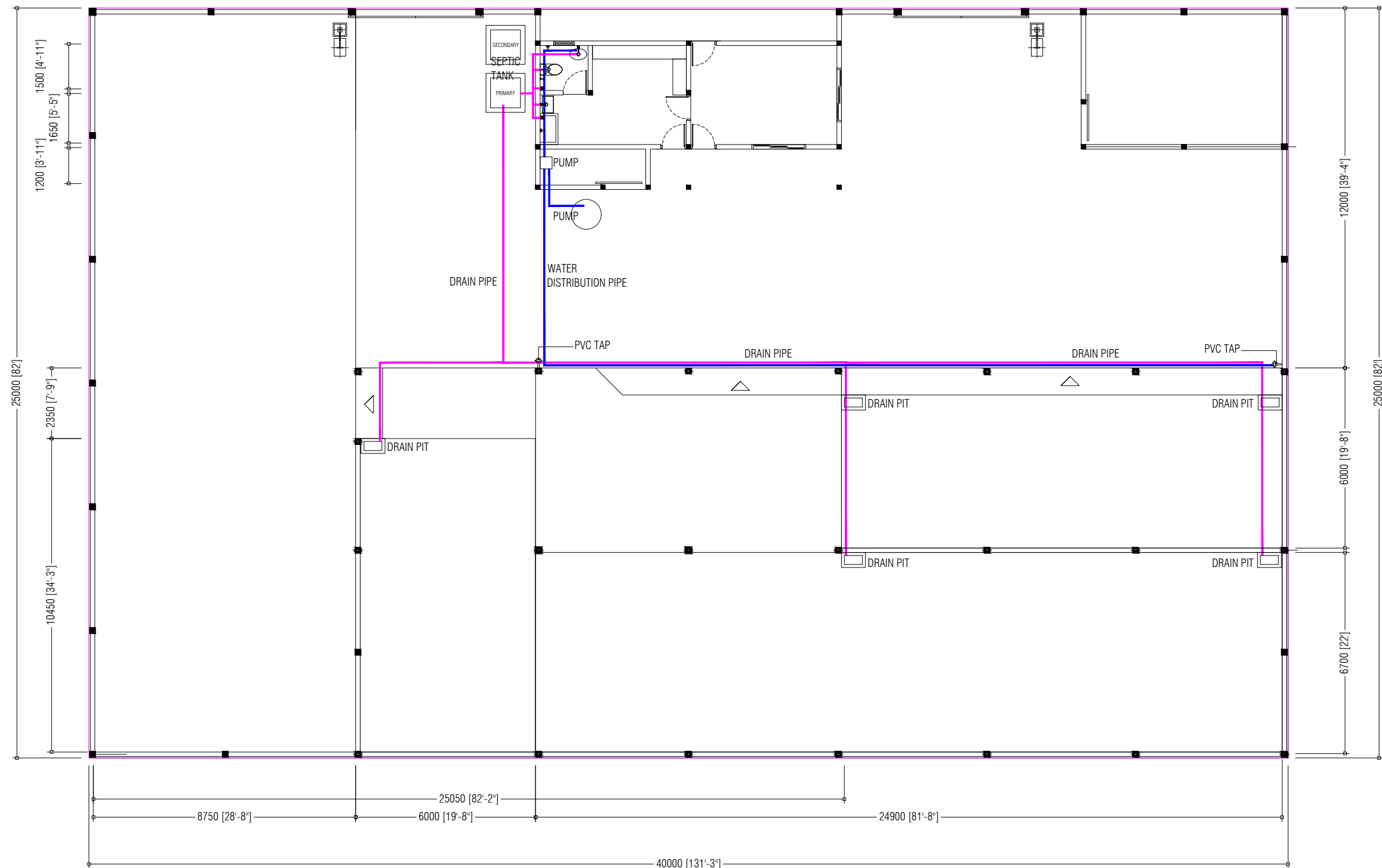
[illegible]



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MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES,  
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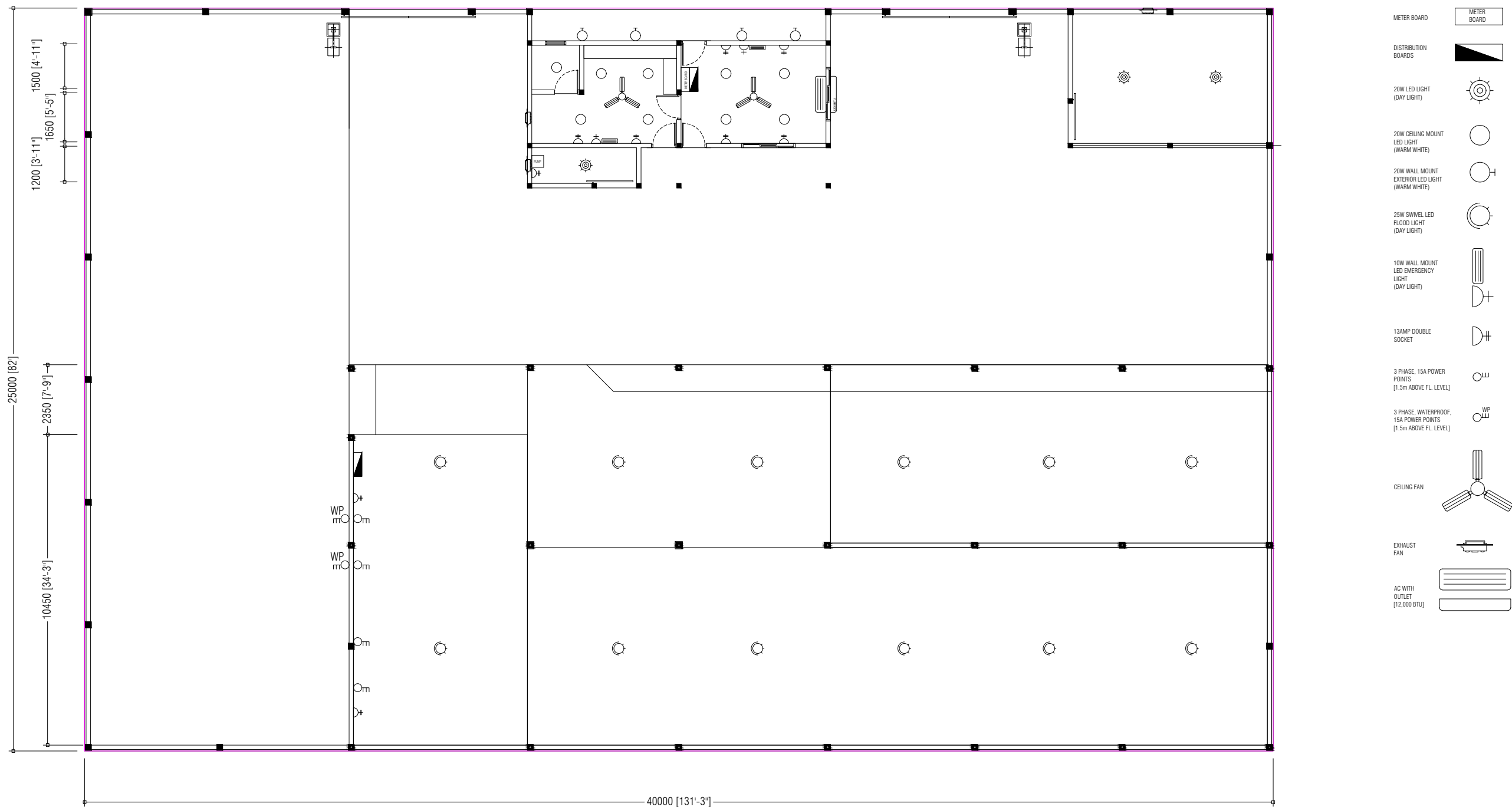



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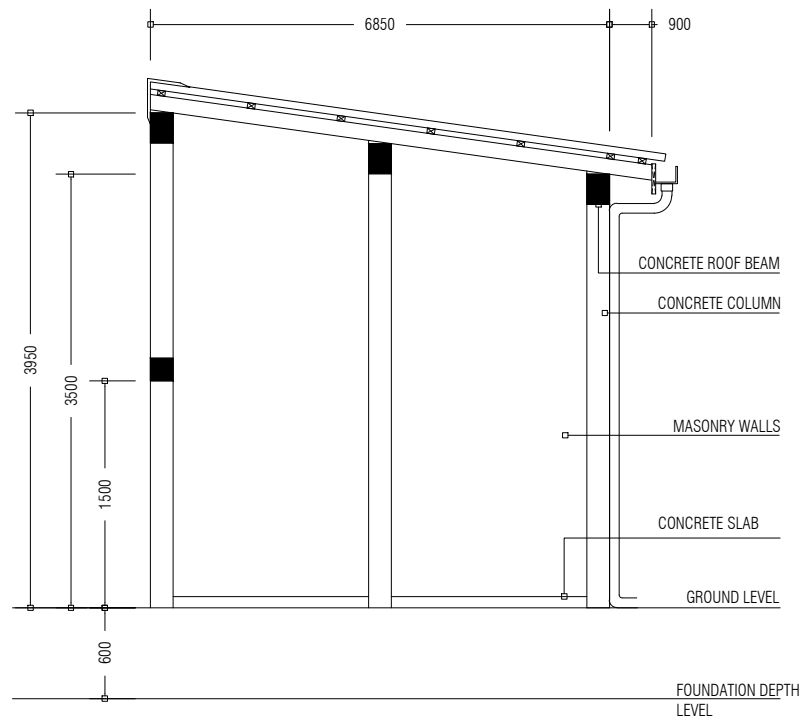


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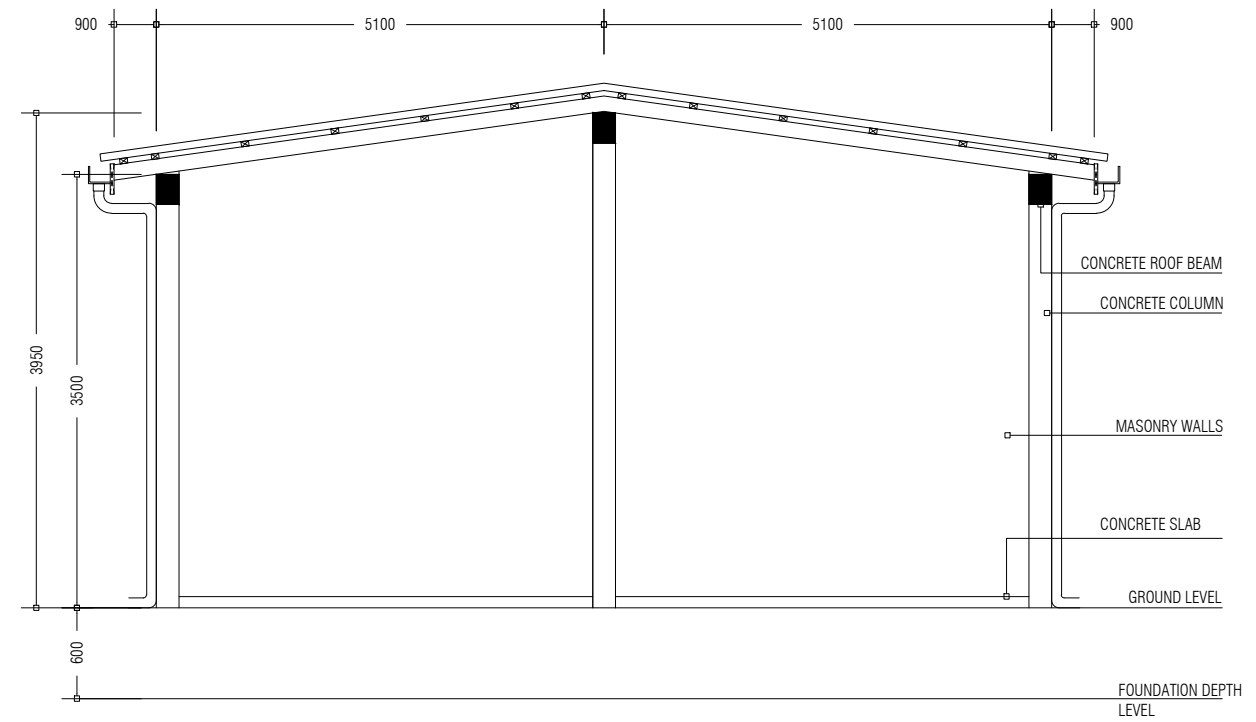




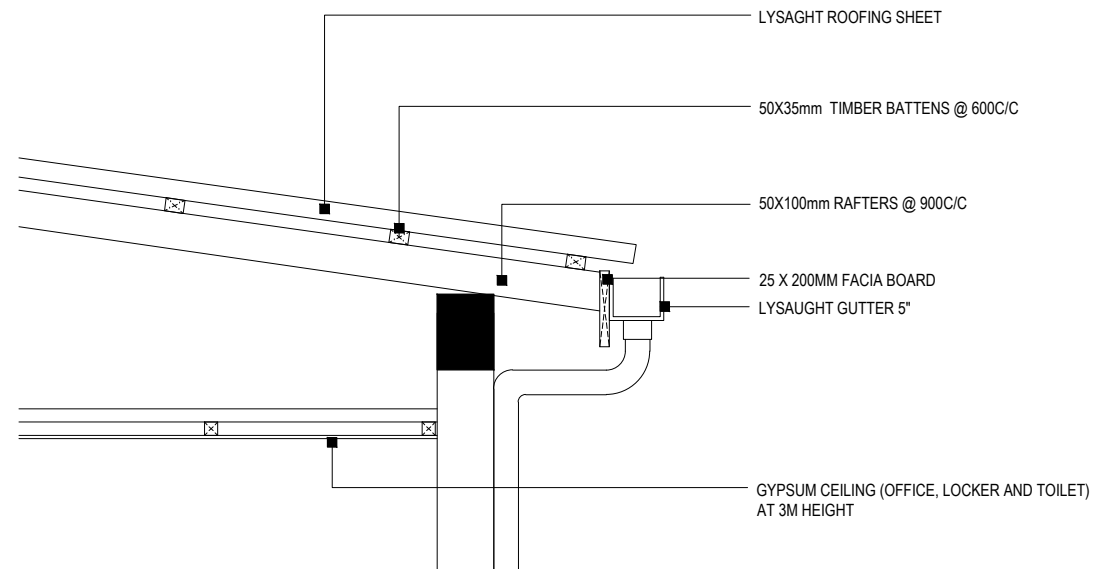
|  |   |                    |            |
|--|---|--------------------|------------|
| <div>PREPARED BY</div> <div><div>MCEP<br/>MINISTRY OF ENVIRONMENT<br/>GREEN BUILDING, HANDHUVAREE HIGUN,<br/>MAAFANNU, MALE (20392), REPUBLIC OF MALDIVES.<br/>TEL: +960-3018431, +960-3018300, FAX: +960-328301</div></div> | PROJECT   | DESIGN BY          | AMENDMENTS |
|  | CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE<br>TH.THIMARAFUSHI | AFRAZ              |            |
|  | TITLE   | STRUCTURE BY       |            |
|  | ELECTRICAL PLAN   | AFRAZ              |            |
|  | CLIENT DEPARTMENT   | DRAWN BY           |            |
|  | WMPC DEPARTMENT   | AFRAZ              |            |
|  | PAPER SIZE A3   | SCALE 1:150        |            |
|  | PAGE NO. 08   | DWG NO. THIM-A1-08 |            |
|  |   | DATE 03.10.2020    |            |




OFFICE / LOCKER BUILDING ELEVATION

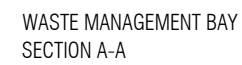



OFFICE / LOCKER BUILDING SECTION

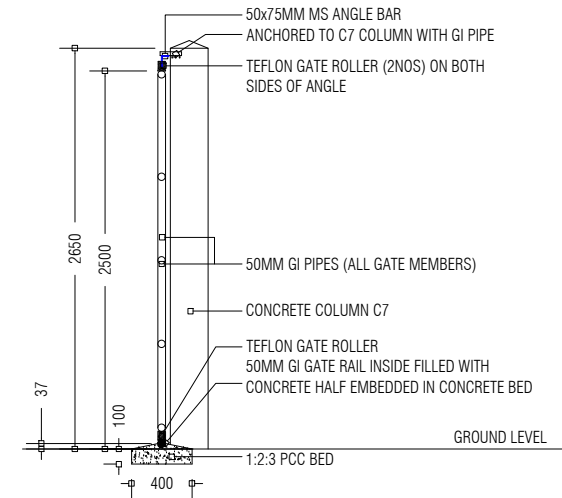
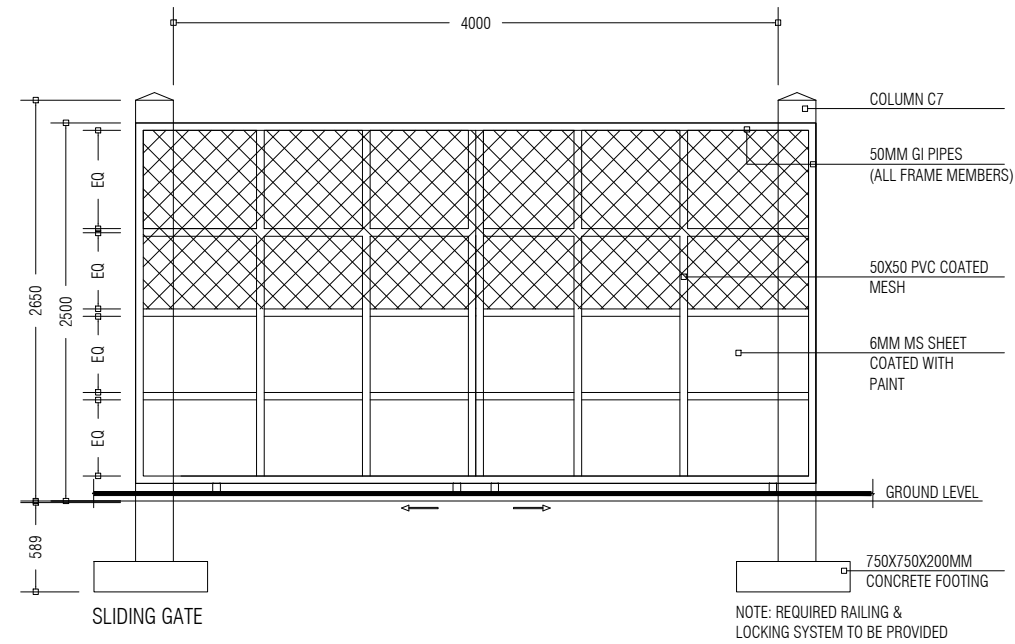


ROOF DETAIL

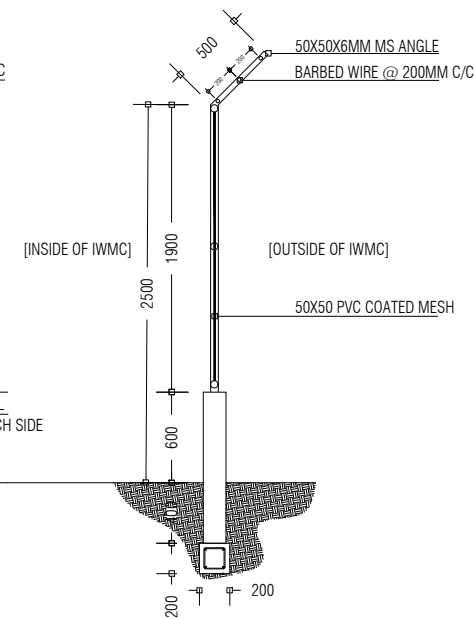
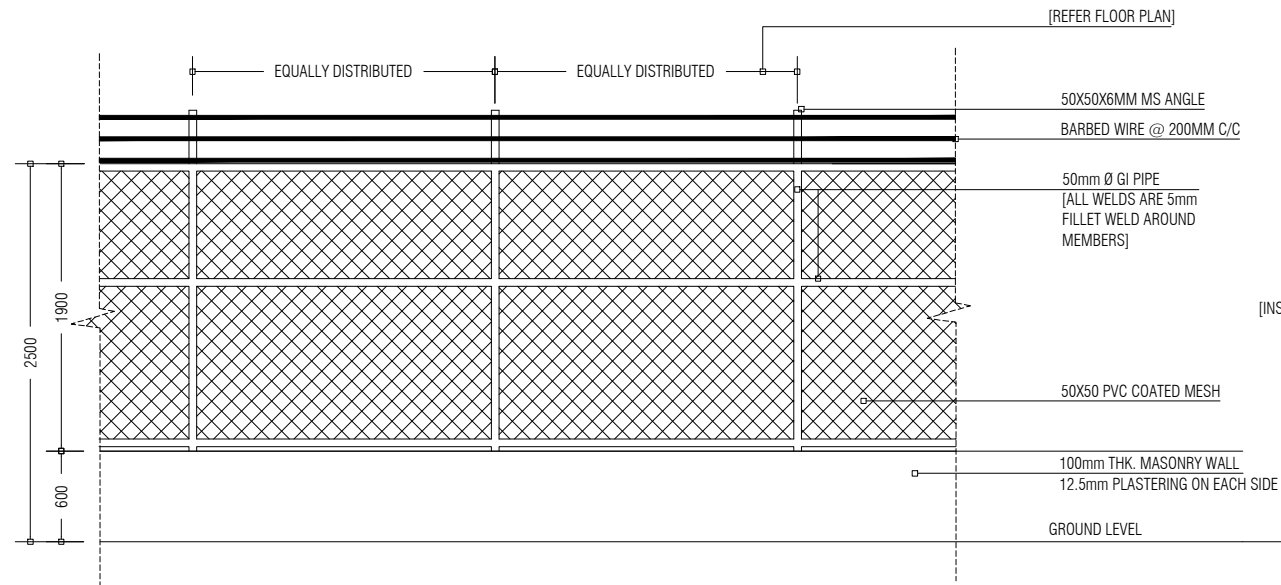
| PREPARED BY  | PROJECT   | DESIGN BY          | AMENDMENTS |
|--|---|--------------------|------------|
|  <p>MCEP<br/>MINISTRY OF ENVIRONMENT<br/>GREEN BUILDING, HANDHUVAREE HIGUN,<br/>MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES,<br/>TEL: +960-3018431, +960-3018300, FAX: +960-328301</p> | CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE<br>TH.THIMARAFUSHI | AFRAZ              |            |
|  | TITLE   | STRUCTURE BY       |            |
|  | ELEVATIONS AND SECTIONS   | AFRAZ              |            |
|  | CLIENT DEPARTMENT   | DRAWN BY           |            |
|  | WMPC DEPARTMENT   | AFRAZ              |            |
|  | PAPER SIZE A3   | SCALE NTS          |            |
|  | PAGE NO. 09   | DWG NO. THIM-A2-09 |            |
|  |   | DATE 03.10.2020    |            |




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|   | CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE<br>TH.THIMARAFUSHI | AFRAZ  |  |
|   | TITLE   | STRUCTURE BY                                     |  |
|   | ELEVATIONS AND SECTIONS   | AFRAZ  |  |
|   | CLIENT DEPARTMENT   | DRAWN BY   |  |
|   | WMPC DEPARTMENT   | AFRAZ  |  |
|   | PAPER SIZE     A3   | SCALE                                1:150       |  |
|   | PAGE NO.        10  | DWG NO.                           THIM-A2-10     |  |
|   |   | DATE                                  03.10.2020 |  |
|   |   | AMENDMENTS                                       |  |

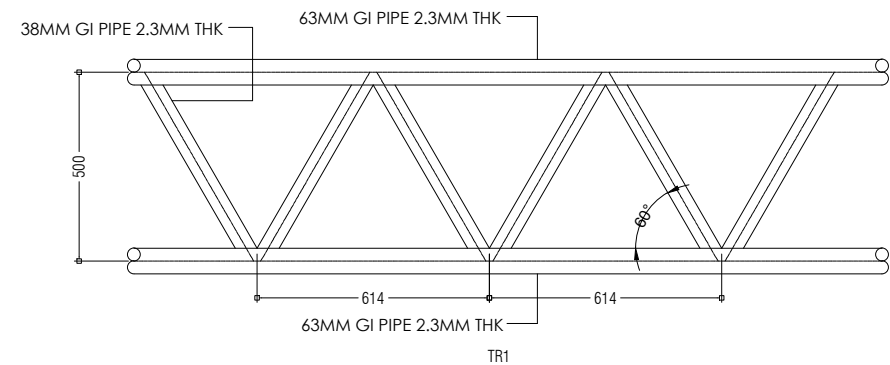
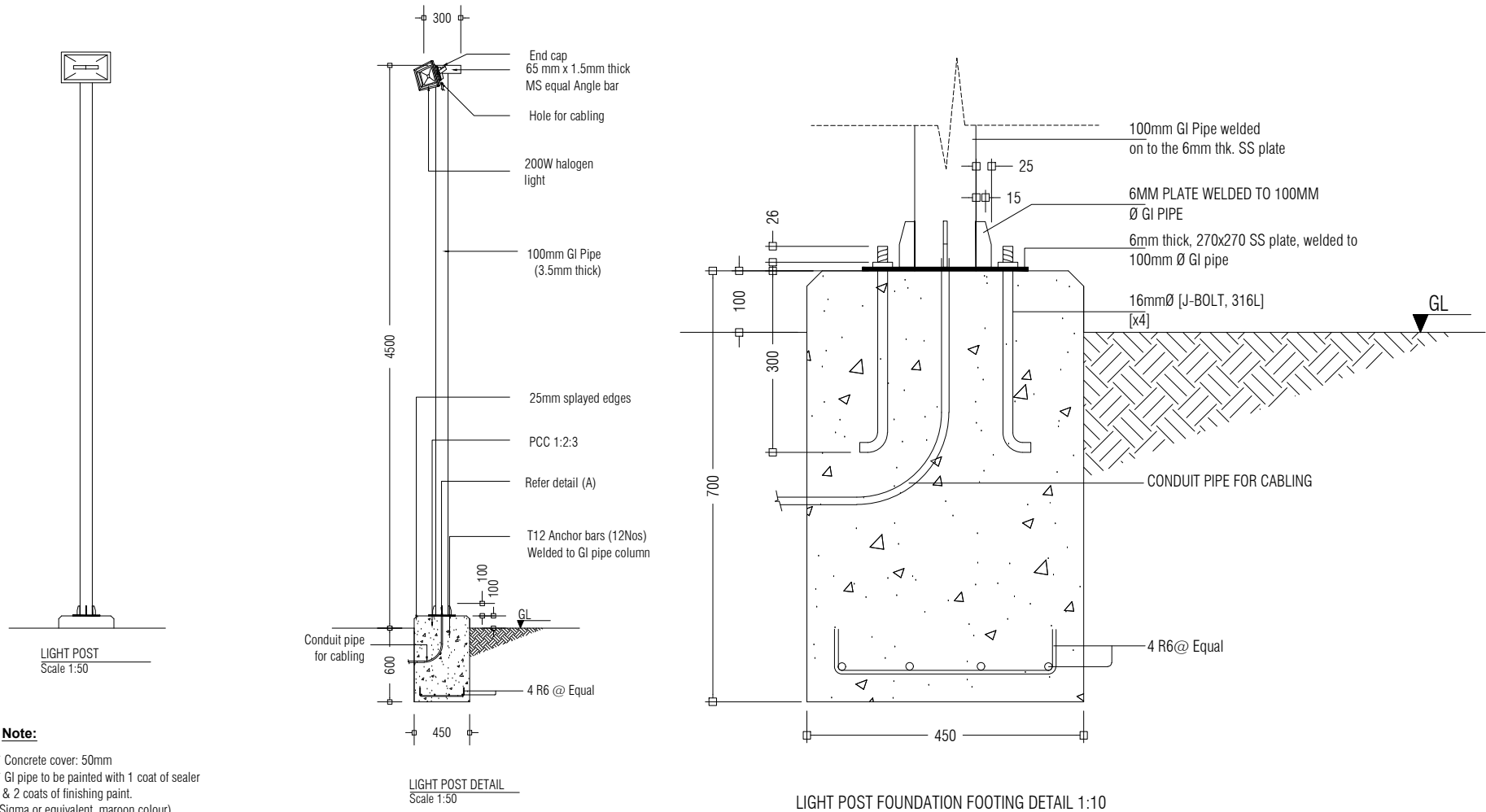


NOTE:  
ALL WELDS FOR THE  
GI MEMBERS ARE  
5mm FILLET WELDS

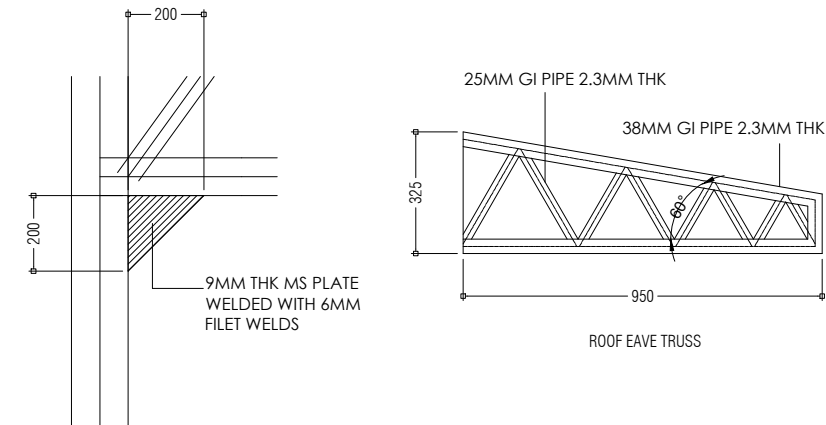


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|  <p>MCEP<br/>MINISTRY OF ENVIRONMENT<br/>GREEN BUILDING, HANDHUVAREE HIGUN,<br/>MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES,<br/>TEL: +960-3018431, +960-3018300, FAX: +960-328301</p> | CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE<br>TH.THIMARAFUSHI | AFRAZ              |            |
|  | TITLE   | STRUCTURE BY       |            |
|  | ELEVATION AND SECTIONS: GATE DETAILS, FENCE DETAILS               | AFRAZ              |            |
|  | CLIENT DEPARTMENT   | DRAWN BY           |            |
|  | WMPC DEPARTMENT   | AFRAZ              |            |
|  | PAPER SIZE A3   | SCALE 1:50         |            |
|  | PAGE NO. 11   | DWG NO. THIM-A2-11 |            |
|  |   | DATE 03.10.2020    |            |

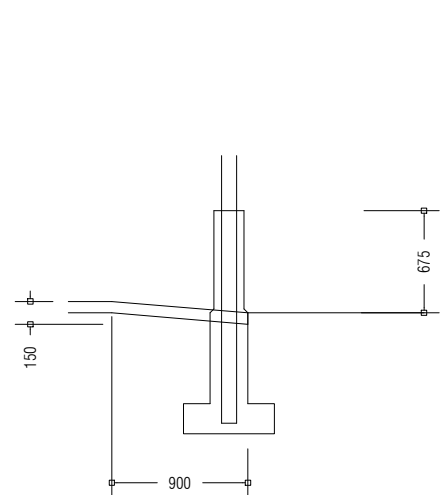




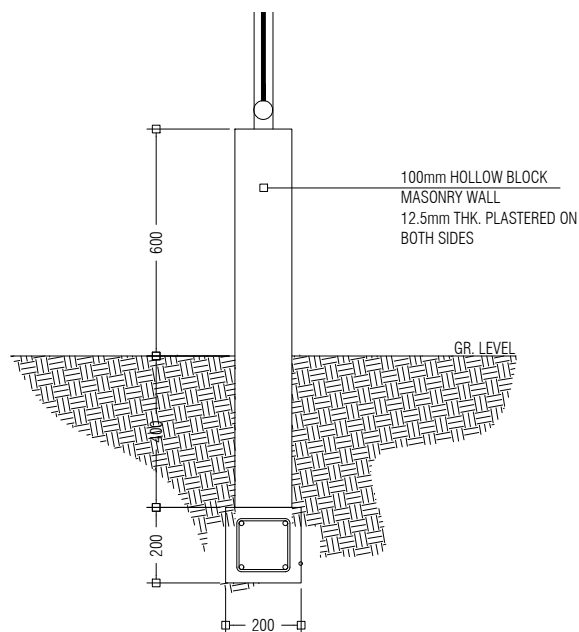
TRUSS DETAIL 1:20



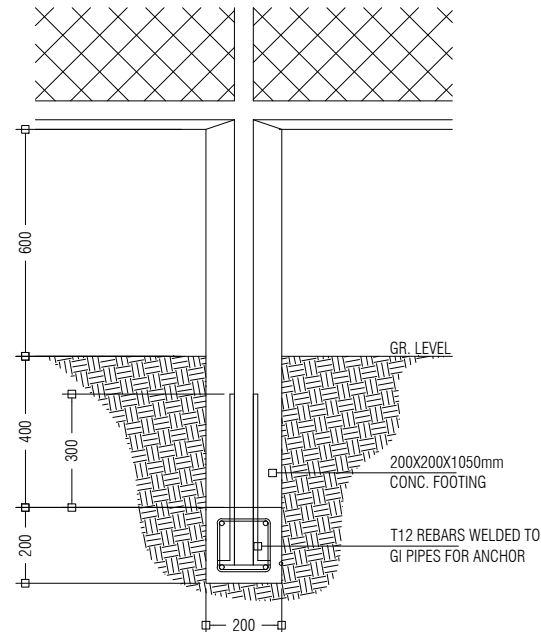
COLUMN AND TRUSS CONNECTION DETAIL 1:20



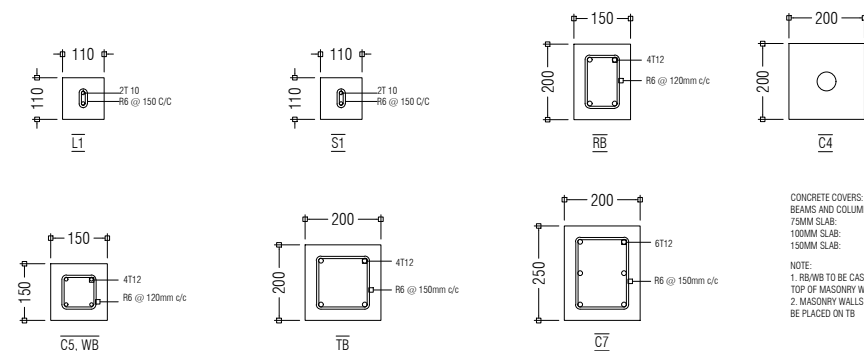
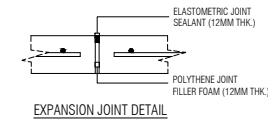
DETAIL A: RAMP DETAIL 1:50




BOUNDARY FENCE SIDE SECTIONAL DETAIL 1:20

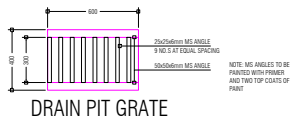


BOUNDARY FENCE FRONT SECTIONAL DETAIL 1:20

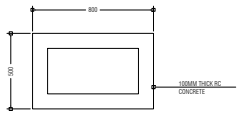


COLUMN, BEAM AND EXPANSION JOINT DETAILS 1:20

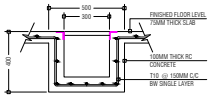
| PREPARED BY   | PROJECT   | DESIGN BY              | AMENDMENTS                    |
|---|---|------------------------|-------------------------------|
|  <b>MCEP</b><br><b>MINISTRY OF ENVIRONMENT</b><br>GREEN BUILDING, HANDHUVAREE HIGUN,<br>MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES,<br>TEL: +960-3018431, +960-3018300, FAX: +960-328301 | CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE<br>TH.THIMARAFUSHI | AFRAZ                  | EXPANSION JOINT DETAILS ADDED |
|   | TITLE   | STRUCTURE BY           | ROOF EAVE TRUSS DETAILS ADDED |
|   | STRUCTURAL DETAILS  | AFRAZ                  |                               |
|   | CLIENT DEPARTMENT   | DRAWN BY               |                               |
|   | WMPC DEPARTMENT   | AFRAZ                  |                               |
|   | PAPER SIZE A3   | SCALE 1:50, 1:20, 1:10 |                               |
|   | PAGE NO. 13   | DWG NO. THIM-D1-13(R)  |                               |
|   |   | DATE 23.10.2020        |                               |



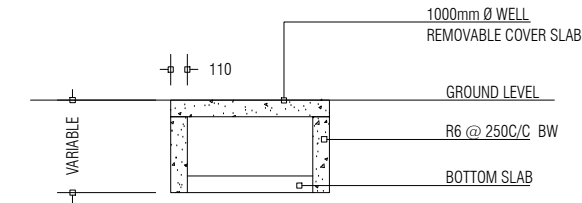
DRAIN PIT GRATE



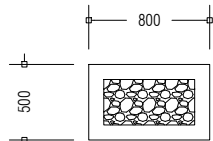
DRAIN PIT: TOP VIEW



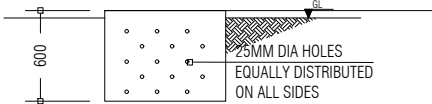
DRAIN PIT: SECTION VIEW



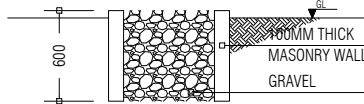
GROUND WATER WELL




RAINWATER DRAIN PIT: TOP VIEW

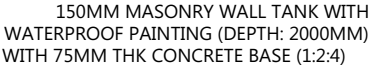


RAINWATER DRAIN PIT: SIDE VIEW



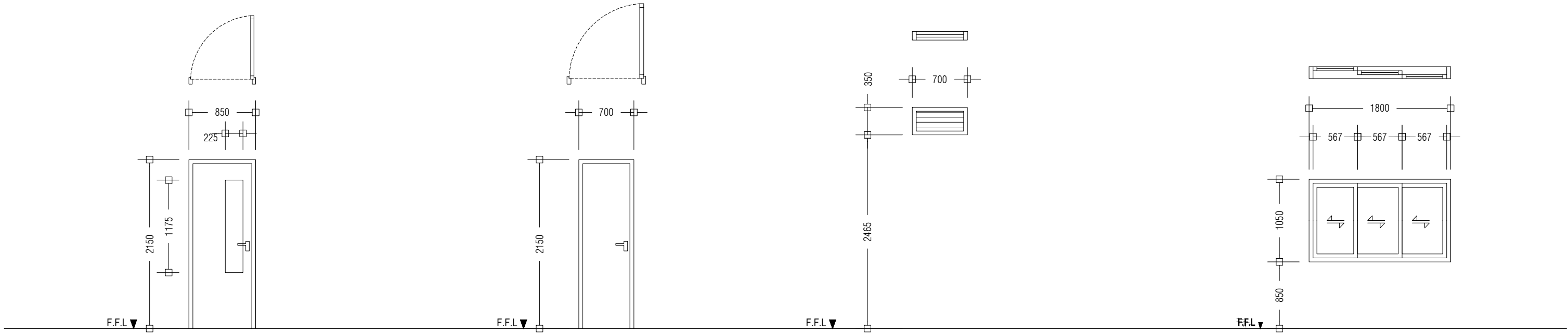
RAINWATER DRAIN PIT: SECTION VIEW

|   |   |                    |            |
|---|---|--------------------|------------|
| PREPARED BY   | PROJECT   | DESIGN BY          | AMENDMENTS |
| <div><div><div>MCEP</div><div>MINISTRY OF ENVIRONMENT</div><div>GREEN BUILDING, HANDHUVAREE HIGUN,<br/>MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES,<br/>TEL: +960-3018431, +960-3018300, FAX: +960-328301</div></div></div> | CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE<br>TH.THIMARAFUSHI                         | AFRAZ              |            |
|   | TITLE   | STRUCTURE BY       |            |
|   | GROUND WATER WELL, RAINWATER DRAIN PIT AND WASTE MANAGEMENT BUILDING<br>DRAIN PIT DETAILS | AFRAZ              |            |
|   | CLIENT DEPARTMENT   | DRAWN BY           |            |
|   | WMPC DEPARTMENT   | AFRAZ              |            |
|   | PAPER SIZE A3   | SCALE 1:50         |            |
|   | PAGE NO. 14   | DWG NO. THIM-D1-14 |            |
|   |   | DATE 03.10.2020    |            |



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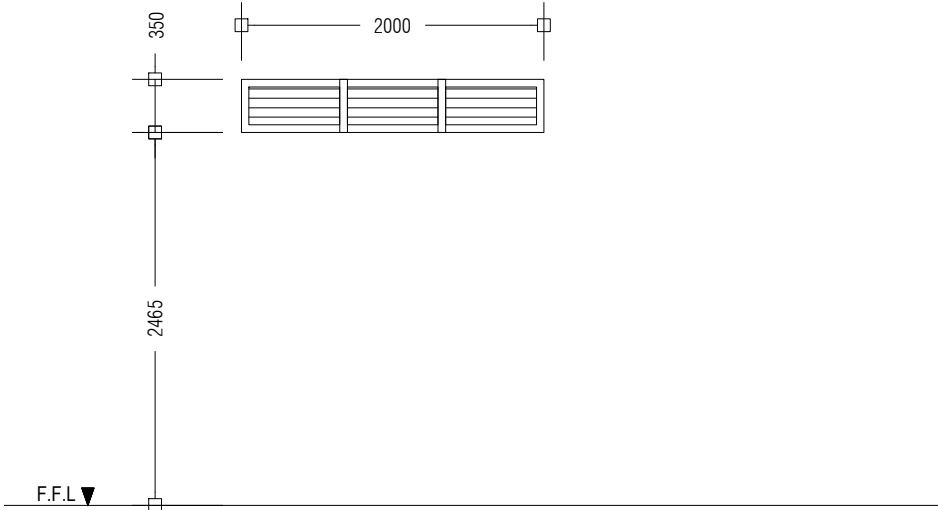


|           |   |
|-----------|---|
| D2        | SWING TYPE DOOR   |
| REMARKS   | ALUMINUM DOOR WITH CLEAR GLASS PANEL<br>01 DOOR KNOB WITH LOCK SET<br>04 HINGES<br>DOOR STOPPER, FINISHED WITH WHITE COATED PAINT |
| LOCATION  | GROUND FLOOR  |
| QUANTITY  | NO.S 04   |
| OPEN AREA | 1.83 m²   |

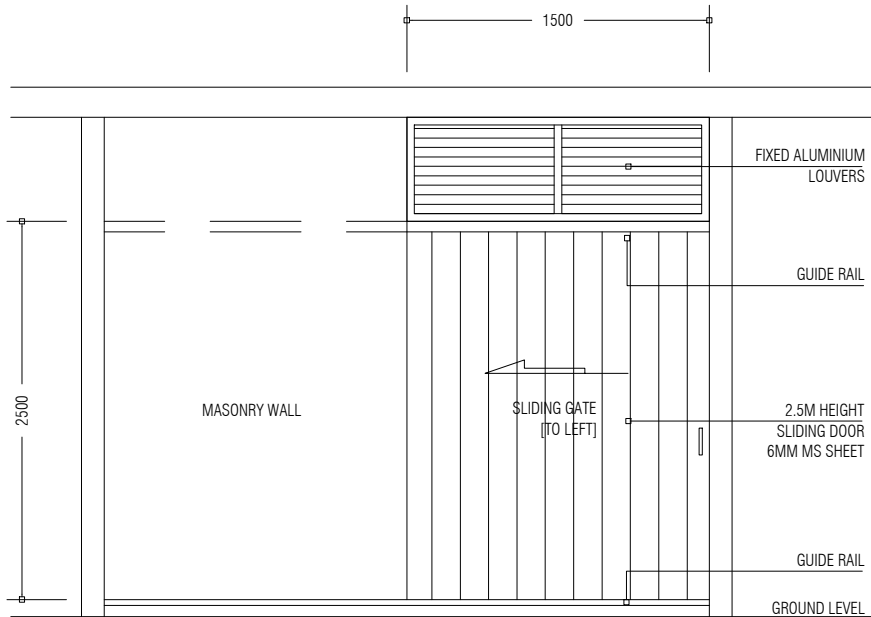
|           |   |
|-----------|---|
| D3        | SWING TYPE DOOR   |
| REMARKS   | ALUMINIUM DOOR WITH DOOR KNOB AND 1 LOCK SET<br>04 HINGES |
| LOCATION  | GROUND FLOOR  |
| QUANTITY  | NO.S 01   |
| OPEN AREA | 1.51m²  |

|           |  |
|-----------|--|
| W1        | ALUNINIUM LOUVER WINDOW  |
| REMARKS   | ALUMINUM FRAMED, ALUMINIUM LOUVERED, FINISHED WITH<br>WHITE COATED PAINT |
| LOCATION  | GROUND FLOOR   |
| QUANTITY  | NO.S 2   |
| OPEN AREA | 0.25 m²  |


|           |   |
|-----------|---|
| W2        | ALUMINIUM SLIDING WINDOW  |
| REMARKS   | ALUMINUM FRAMED, TINTED BLACK GLASS, FINISHED WITH<br>WHITE POWDER COATED PAINT |
| LOCATION  | GROUND FLOOR  |
| QUANTITY  | NO.S 02   |
| OPEN AREA | 1.89 m²   |

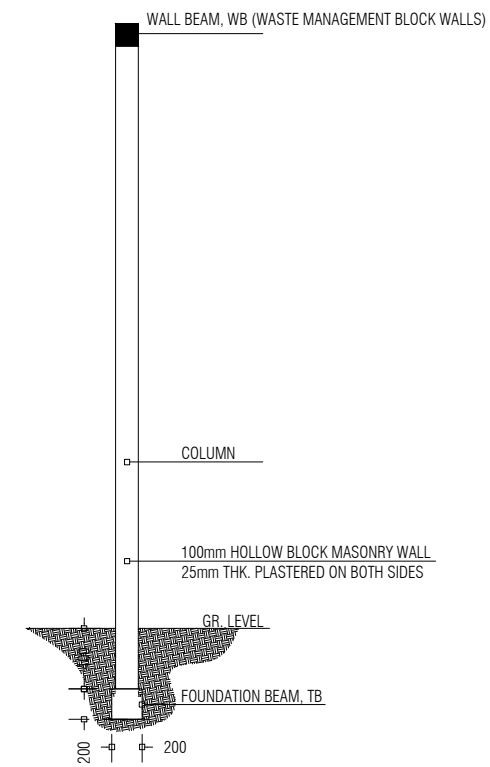
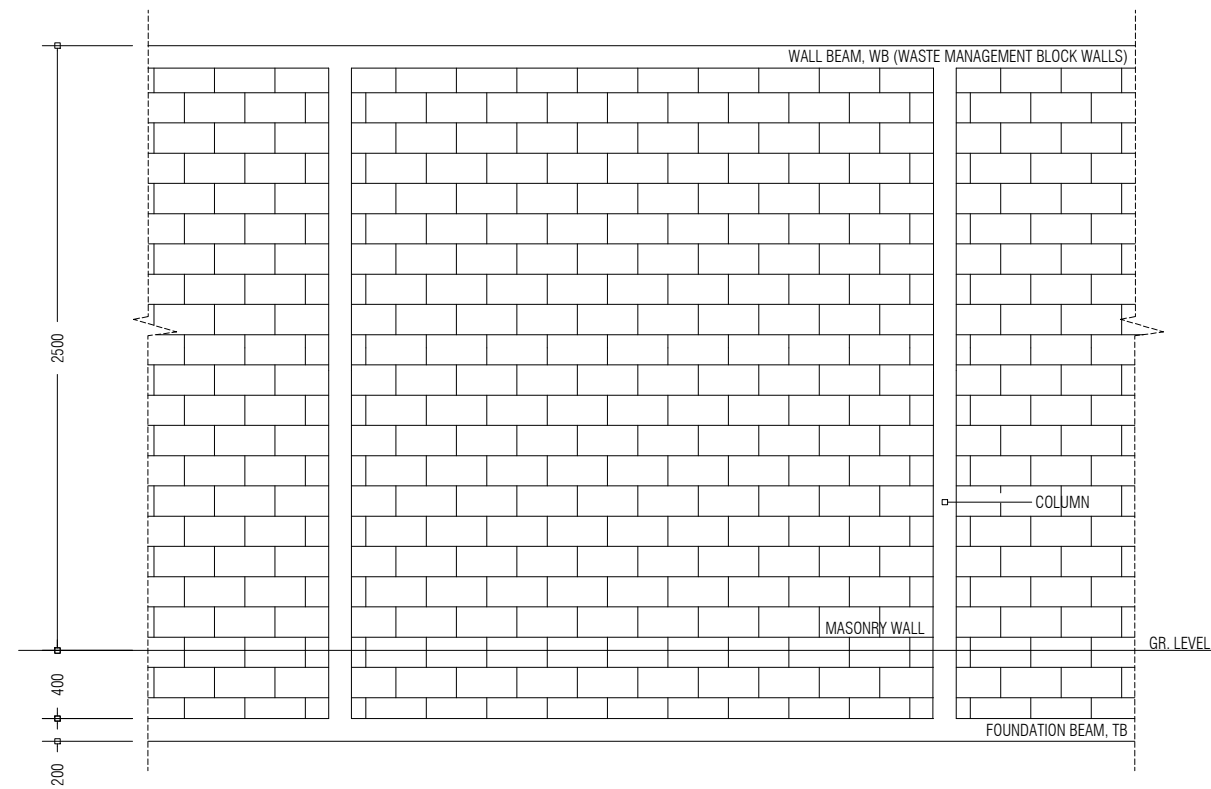



|           |  |
|-----------|--|
| W3        | ALUNINIUM LOUVER WINDOW  |
| REMARKS   | ALUMINUM FRAMED, ALUMINIUM LOUVERED, FINISHED WITH<br>WHITE COATED PAINT |
| LOCATION  | GROUND FLOOR   |
| QUANTITY  | NO.S 1   |
| OPEN AREA | 0.75 m²  |



HAZADIOUS WASTE / STORE SD1

|  |   |                    |            |
|--|---|--------------------|------------|
| PREPARED BY  | PROJECT   | DESIGN BY          | AMENDMENTS |
|  <div>MCEP<br/>MINISTRY OF ENVIRONMENT<br/>GREEN BUILDING, HANDHUVAREE HIGUN,<br/>MAAFANNU, MALE' (20392), REPUBLIC OF MALDIVES,<br/>TEL: +960-3018431, +960-3018300, FAX: +960-328301</div> | CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE<br>TH.THIMARAFUSHI | AFRAZ              |            |
|  | TITLE   | STRUCTURE BY       |            |
|  | DOOR AND WINDOW SCHEDULE  | AFRAZ              |            |
|  | CLIENT DEPARTMENT   | DRAWN BY           |            |
|  | WMPC DEPARTMENT   | AFRAZ              |            |
|  | PAPER SIZE A3   | SCALE 1:50         |            |
|  | PAGE NO. 16   | DWG NO. THIM-A2-16 |            |
|  |   | DATE 03.10.2020    |            |



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|--|--|--------------------------------|--|------------|
|  | CONSTRUCTION OF ISLAND WASTE MANAGEMENT CENTRE TH.THIMARAFUSHI | AFRAZ                          |  |            |
|  | TITLE  | STRUCTURE BY                   |  |            |
|  | ELEVATION AND SECTIONS: 2.5M HIGH MASONRY WALLS DETAILS        | AFRAZ                          |  |            |
|  | CLIENT DEPARTMENT  | DRAWN BY                       |  |            |
|  | WMPC DEPARTMENT  | AFRAZ                          |  |            |
|  | PAPER SIZE     A3  | SCALE                 1:50     |  |            |
|  | PAGE NO.      17   | DWG NO.           THIM-A2-17   |  |            |
|  |  | DATE                03.10.2020 |  |            |