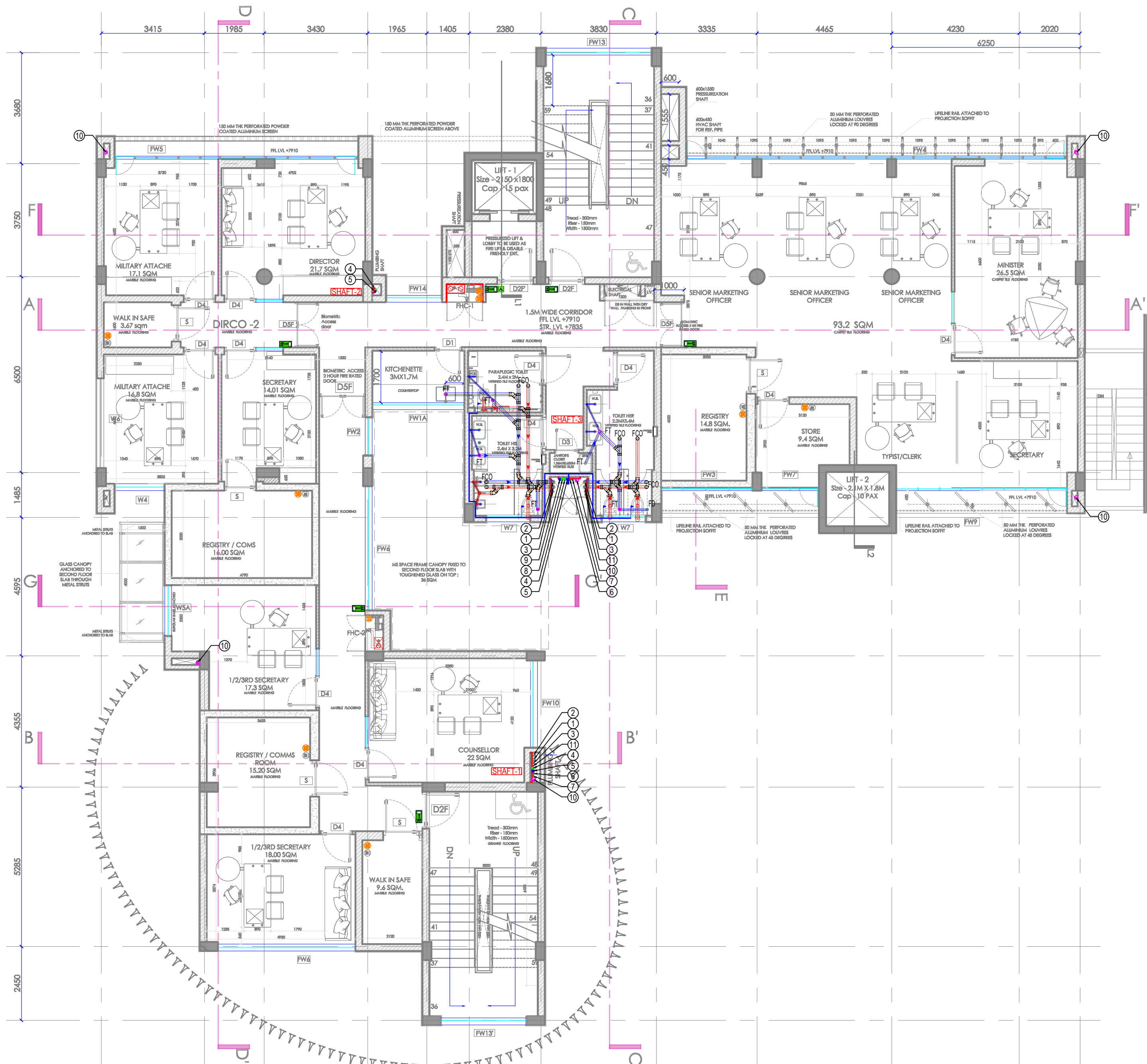




| PLUMBING LEGEND :- |                            |                  |
|--------------------|----------------------------|------------------|
| SYMBOL             | DESCRIPTION                | MATERIAL OF PIPE |
|                    | 110 OD SOIL PIPE           | uPVC/HDPE        |
|                    | 110 OD WASTE PIPE          | uPVC/HDPE        |
|                    | DOMESTIC WATER SUPPLY LINE | CPVC             |
|                    | HOT WATER SUPPLY LINE      | CPVC             |
|                    | HOT WATER RETURN LINE      | CPVC             |
|                    | 110 OD RAIN WATER PIPE     | uPVC/HDPE        |
|                    | STORM LINE                 | uPVC/HDPE        |
|                    | SEWAGE INE                 | uPVC/HDPE        |
|                    | RO WATER SUPPLY            | uPVC/HDPE        |
|                    | 650 MUNICIPAL LINE         | uPVC/HDPE        |
|                    | 650 IRRIGATION LINE        | uPVC/HDPE        |

| NOTE:- |                                                         |
|--------|---------------------------------------------------------|
| 1.     | WASH BASIN TO FLOOR TRAP<br>400D uPVC WASTE PIPE        |
| 2.     | FD TO FT 63 OD uPVC WASTE PIPE                          |
| 3.     | FT TO VERTICAL STACK<br>110 OD UPVC WASTE PIPE          |
| 4.     | URINAL TO URINAL TRAP<br>50 OD UPVC SOIL PIPE           |
| 5.     | WATER CLOSET TO VERTICAL STACK<br>110 OD UPVC SOIL PIPE |
| F.T.   | FLOOR TRAP                                              |
| U.T.   | URINAL TRAP                                             |
| F.D.   | FLOOR DRAIN                                             |
| F.G.   | FLOOR GRATING                                           |
|        | BALLVALVE                                               |

**NOTES :**

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This drawing supercedes all previous drawings issued for the information contained in the drawing. All discrepancies shall be brought to the notice of the architects before execution of the work. Any modifications at site w/o prior written information to the Architect are the responsibility of the Owner.

| LEGENDS :            |                                |
|----------------------|--------------------------------|
| Door/Window Schedule |                                |
| PLUMBING LEGEND :-   |                                |
| SYMBOL               | DESCRIPTION                    |
| ①                    | 110 OD SOIL PIPE               |
| ②                    | 110 OD WASTE PIPE              |
| ③                    | 900 VENT PIPE                  |
| ④                    | DOMESTIC WATER SUPPLY DN. TAKE |
| ⑤                    | FLUSHING WATER SUPPLY DN. TAKE |
| ⑥                    | HOT WATER SUPPLY DN. TAKE      |
| ⑦                    | HOT WATER RETURN PIPE          |
| ⑧                    | DOMESTIC WATER RISER PIPE      |
| ⑨                    | FLUSHING WATER RISER PIPE      |
| ⑩                    | 110 OD RAIN WATER PIPE         |
| ⑪                    | RO WATER SUPPLY DN. TAKE       |

**CONSTRUCTION NOTES :**

- The work shall be executed with proper safety guidelines.
- The Plumbing system shall be installed accordance to NBC-2016 Part-9 and relative Plumbing IS codes.
- The material shall be used according to tender specification
- Ensure pipes are sized correctly to meet the system flow & pressure requirement.
- Install shut-off valves and check valves as required.
- Ensure pipes are sloped correctly and vented to prevent siphoning and blockages. ,

| REVISION NOTES : |        |             |
|------------------|--------|-------------|
| No.              | DETAIL | DESCRIPTION |
|                  |        |             |
|                  |        |             |
|                  |        |             |
|                  |        |             |
|                  |        |             |

**PROJECT:**

SOUTH AFRICA HIGH COMMISION

**PROJECT OWNER/ DEVELOPER:**

INTERNATIONAL RELATIONS & COOPERATION, REPUBLIC OF SOUTH AFRICA

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msc@msc-mep.com

| PURPOSE OF DWG:          |                         |
|--------------------------|-------------------------|
| <input type="checkbox"/> | Issued for Tender       |
| <input type="checkbox"/> | Issued for Construction |
| <input type="checkbox"/> | Issued for REVIEW       |
| <input type="checkbox"/> | Issued for Information  |

**DRAWING TITLE:**

SECOND FLOOR DRAINAGE LAYOUT

|              |           |            |
|--------------|-----------|------------|
| DISCIPLINE : | PLUMBING  | 16.10.2025 |
| DRAWING NO:  | MSC/PL/04 | REV: N     |