



| INDEX |                            |
|-------|----------------------------|
| MG    | MAIN GATE                  |
| SCB   | SECURITY CABIN             |
| SCOB  | STORE ROOM OFFICE BUILDING |
| WV    | WELL                       |
| BU    | BUILDING                   |
| IB    | INSPECTION BUILDING        |
| TSO   | TRANSFORMER SUBSTATION     |
| OSY   | OPEN STORE YARD            |
| OS    | OPEN STORE                 |
| P     | P-TYPE CHARGERS            |
| F     | F-TYPE CHARGERS            |
| WT    | WATER TANK                 |

| SYMBOL | DETAILS                          |
|--------|----------------------------------|
| □      | SF6 CIRCUIT BREAKER              |
| ⊙      | CURRENT TRANSFORMER              |
| ○      | POTENTIAL TRANSFORMER            |
| ⚡      | LIGHTNING ARRESTOR               |
| ⊕      | SINGLE POLE INSULATOR            |
| ⊖      | POST INSULATOR                   |
| ⊞      | WAVE TRAP AND COUPLING CAPACITOR |
| ⊞      | TRIPLE POLE INSULATOR            |
| ⊞      | CHARGING BANK                    |
| ⊞      | BARBED WIRE FENCING              |
| ⊞      | CONCRETE WALL                    |

| VOLTAGE | STRUCTURE | DESIGNATION | QUANTITY |
|---------|-----------|-------------|----------|
| 220 KV  | COLUMN    | C3          | 7        |
|         | COLUMN    | C4          | 11       |
|         | COLUMN    | C5          | 10       |
|         | COLUMN    | C6          | 10       |
|         | COLUMN    | B3          | 39       |
| 110 KV  | COLUMN    | P1          | 4        |
|         | COLUMN    | P2          | 12       |
|         | COLUMN    | P3          | 14       |
|         | COLUMN    | P4          | 20       |
|         | GIRDER    | G1          | 8        |
|         | GIRDER    | G2          | 30       |

|                                |              |
|--------------------------------|--------------|
| KERALA STATE ELECTRICITY BOARD |              |
| 220KV SUBSTATION MYLATY        |              |
| Prepared By                    | SCALE: 1:100 |
| ASSISTANT ENGINEER             |              |
| ASSISTANT EXECUTIVE ENGINEER   |              |

220KV TOWER PROPOSED UNDER THE PROJECT OF UPGRADEATION OF 110KV VIDYANAGAR SS TO 220KV

MCM TOWER CONSTRUCTING UNDER PROJECT OF CONSTRUCTION OF MCM LINE B/W MYLATY SS & VIDYANAGAR SS