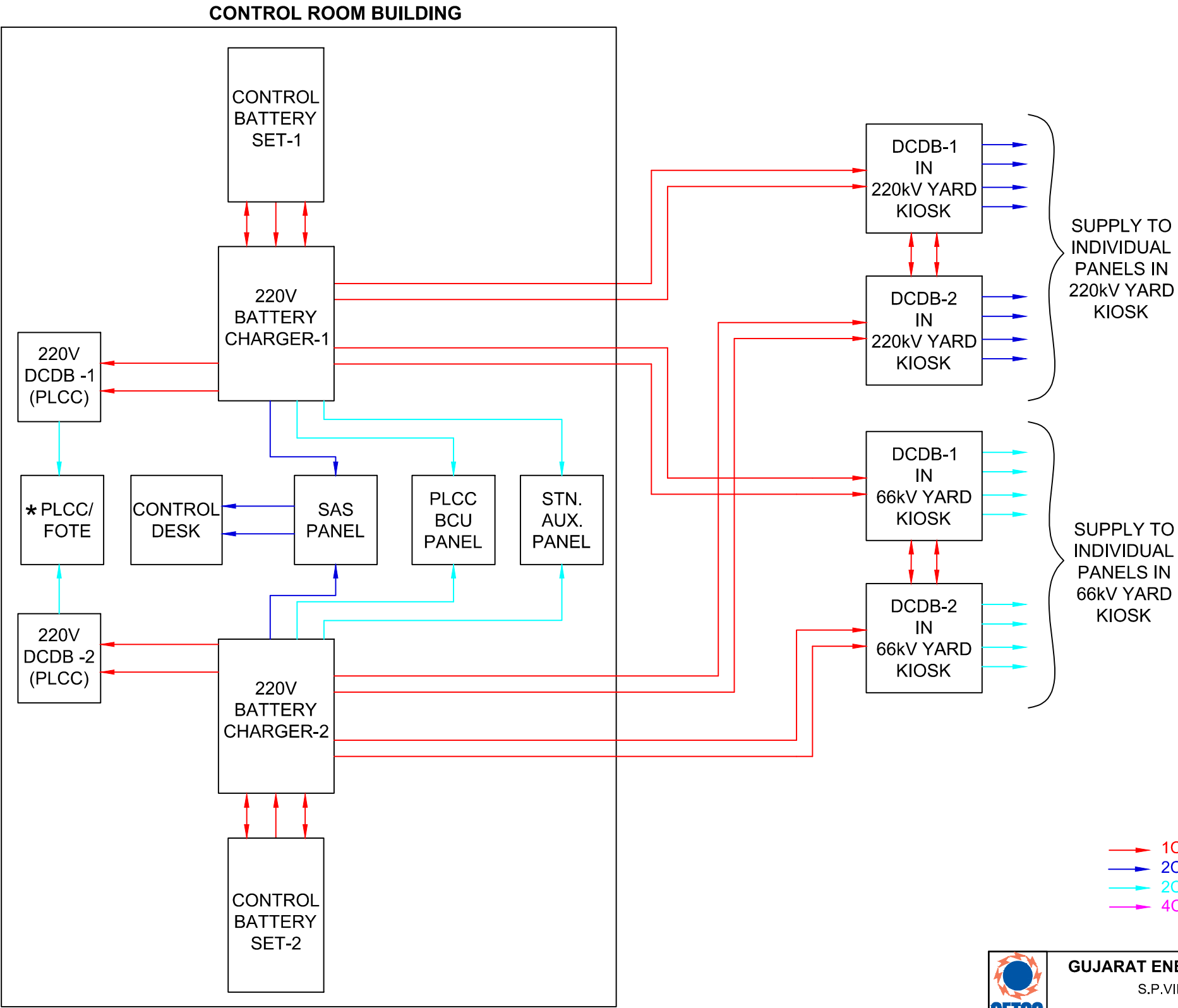


THE DRAWING BEING PROPERTY OF GETCO MUST NOT BE COPIED / REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION



\* PLCC/FOTE panels shall be compatible to work on 220V DC supply

- 1C X 50 Sq mm Armoured Cu Cable
- 2C X 4 Sq mm Armoured Cu Cable
- 2C X 2.5 Sq mm Armoured Cu Cable
- 4C X 10 Sq mm Armoured Cu Cable

- The quantities of control and power cables shown in the BOQ are based on above typical philosophy.Hence, the contractor shall work out actual requirement of quantity for execution by calculating cable lengths.
- Contractor shall follow typical control & power cable philosophies shown here.While preparing cable schedule, if any deviation is found to fulfill complete scheme requirement, then it shall be submitted with justification for approval.
- All the cables shall be laid through minimum possible route and accordingly the quantity of cables shall be calculated and considered as per actual measurement. Any adjustment found during execution is to be absorbed and final amendment of quantity shall be based on approved 'As Built' quantity.

|      |                   |
|------|-------------------|
|      |                   |
|      |                   |
|      |                   |
| R0   | FIRST PREPARATION |
| REV: | DESCRIPTION       |



**GUJARAT ENERGY TRANSMISSION CORPN.LTD.**  
S.P.VIDYUT BHAVAN, RACE COURSE,  
VADODARA - 390 007

**DC Power Cable Block Diagram of  
220kV MAKANSAR Sub-Station**

|           |            |                               |        |             |
|-----------|------------|-------------------------------|--------|-------------|
| DRAWN:    | CHECKED:   | APPD:                         |        |             |
| DE(ENGG.) | EE(ENGG.)  | I/C ACE (ENGG.)               |        | SIZE:<br>A3 |
| SCALE:    | DATE:      | DRG. NO:                      | SHEET: | REV:        |
| N.T.S.    | 06.10.2025 | GETCO / E /<br>2S-156 / P-031 | 4 OF 5 | R0          |