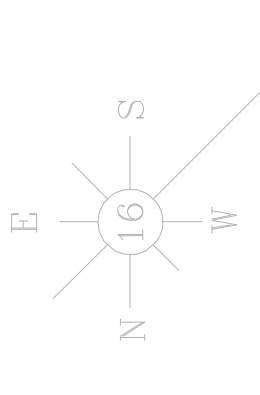
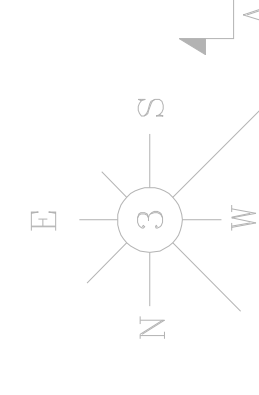


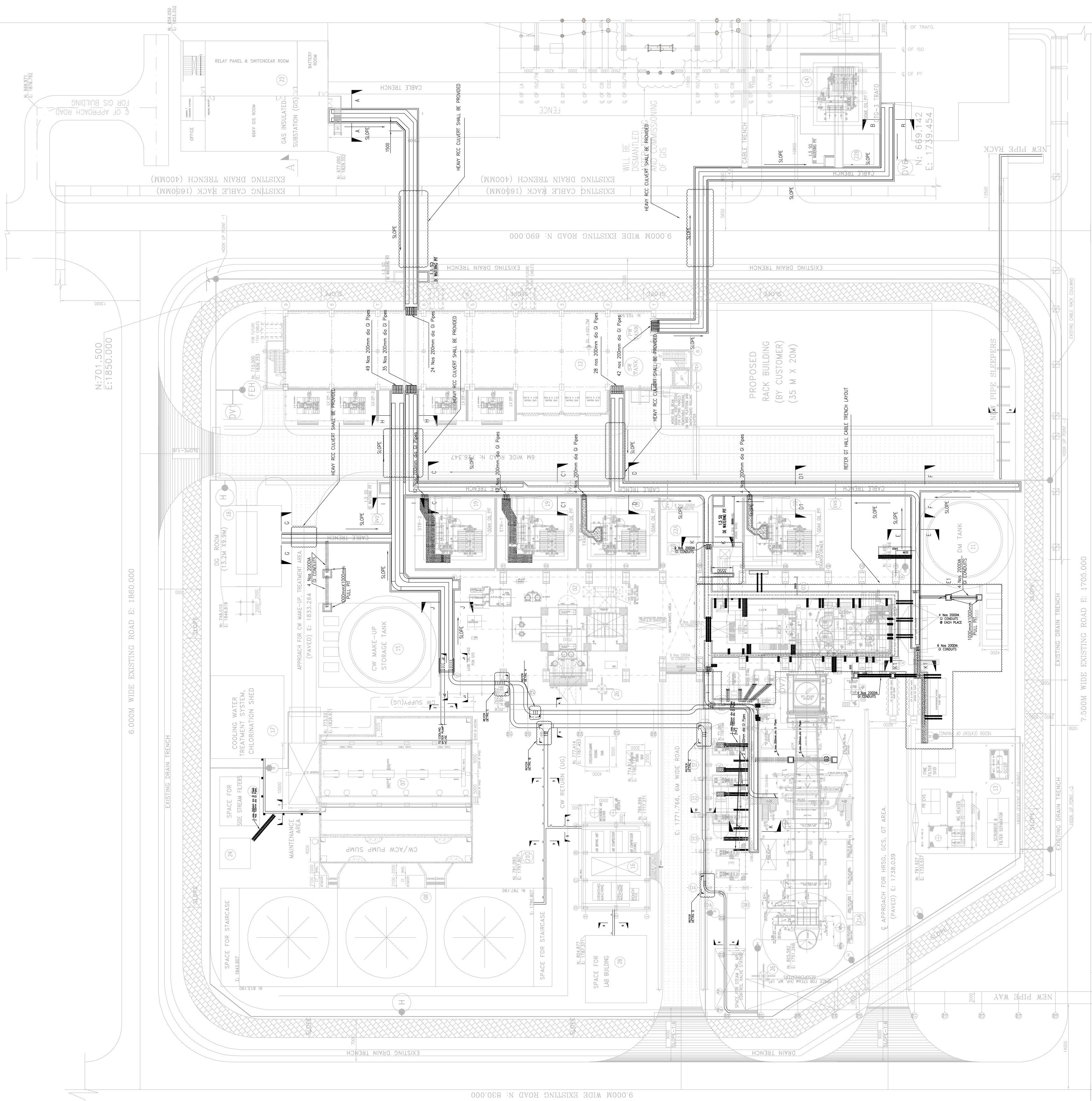
ANNUAL WIND DIRECTION SURAT



0830 HRS



1730 HRS



NOTES:

1. ALL DIMENSIONS ARE IN MM AND ELEVATIONS & CO-ORDINATES ARE IN METRES, UNLESS OTHERWISE SPECIFIED ELSE WHERE IN THIS DRAWING.

2. CABLE ROUTE MAY BE ADJUSTED AT SITE TO SUIT SITE CONDITIONS AND AS PER INSTRUCTION OF SITE ENGINEERS.

3. THE CABLE TRAYS SHALL BE PRE-FABRICATED GI LADDER TYPE CABLE TRAYS FOR POWER CABLES, GI LADDER / PERFORATED TYPE FOR CONTROL AND PERFORATED TYPE FOR INSTRUMENT CABLES.

4. ALL TRAYS SHALL BE SUPPORTED AT AN INTERVAL OF 1.5M FOR HORIZONTAL AND 1.0M FOR VERTICAL PHYSICAL DAMAGE TO CABLES.

5. ALL VERTICAL CABLE TRAYS SHALL BE COVERED WITH GI SHEET FOR PROTECTION AGAINST PHYSICAL DAMAGE TO CABLES.

6. CABLE SHALL BE NEATLY ARRANGED IN THE TRENCHES/TRAYS IN SUCH A MANNER THAT CROSS CROSSING IS AVOIDED & FINAL TAKE OFF TO THE MOTOR OR PANEL IS FACILITATED.

7. ALL POWER & CONTROL CABLES SHALL BE HAVING ALUMINIUM CABLE TAPS FOR CABLES ON TRAYS & LEAD TAPS FOR UNDER GROUND CABLES. THESE TAPS SHALL BE FIXED AS EVERY BEND, TERMINATION POINT, BRANCHING POINT FROM A GROUP OF CABLES AND AT EVERY 30 METRES IN STRAIGHT LENGTH.

8. THE EXACT HEIGHT OF OPENING IN TRENCH WALL FOR GI PIPE FOR TAKING CABLE SHALL BE SUITABLY DECIDED AT SITE.

9. THE REMOVABLE CONCRETE COVERS SHALL BE SEALED WITH MASTIC ASPHALT FILLER/BUTYLEN TO PREVENT INGRESS OF WATER/HYDROCARBONS IN CABLE TRENCH.

10. TOP OF THE TRENCH SHALL BE 50 MM ABOVE HIGHEST PAVING POINT (HPP)

11. MINIMUM GAP OF 300 MM SHALL BE PROVIDED BETWEEN FA / COMMUNICATION / TELEPHONE CABLES AND ALL OTHER POWER / CONTROL CABLES.

12. IN CABLE CELLAR, CABLE ENTRY PIPE SLEEVES SHALL BE PROVIDED WITH WATER SEAL.

13. CABLE TRAY COVER SHALL BE PROVIDED FOR TOP MOST CABLE TRAY EXCEPT IN TRENCHES

14. THE SLOPE DETAILS OF TRENCHES AND ACTUAL DIMENSIONS OF DEWATERING PITS WILL BE SHOWN IN CIVIL DRAWINGS.

15. MINIMUM CLEARANCE MAINTAINED FROM OVER HEAD CABLE TRAYS AT ROAD CROSSING SHALL BE 7.5 METERS

16. SINGLE CORE CABLES AT THE ENTRY/EXIT POINTS THROUGH GI PIPES SHALL BE TAKEN IN TREFOL FORM .

LEGEND:

- GI LADDER TYPE CABLE TRAY

- RCC CABLE TRENCH WITH CABLE TRAY ON ONE SIDE

- RCC CABLE TRENCH WITH CABLE TRAY ON BOTH SIDE

- CABLE TRENCH WITH SAND FILLED WITHOUT ANY TRAYS & SUPPORT ARMS

REFERENCE DRAWINGS

SL.No.

DESCRIPTION

DRAWING No.

01

PLOT PLAN

0-381-01-01570

02

NOTES & DETAILS OF PLANT CABLE LAYING SYSTEM

4-381-21-03696

03

GT HALL CABLE TRENCH LAYOUT

1-381-21-02914

CABLE TRAY DESCRIPTION

TRAY

66KV HT POWER CABLE (LADDER)

11KV HT POWER CABLE (LADDER)

1.1KV POWER CABLE (LADDER)

CONTROL CABLE (PERFORATED)

INSTRUMENTATION SIGNAL CABLE (PERFORATED)

600MM

450MM

300MM

TV - 1 / 2 / 3 / 4 / 5

- A / B / C

1

2

3

4

5

6

7

8

9

10

11

12