

TECHNICAL SPECIFICATIONS

- THE DESIGN OF LIGHTING COLUMNS ARE DYNAMICALLY APPROVED AND VERIFIED BY USING (FINITE ELEMENT ANALYSIS), DESIGNED TO WITHSTAND WIND SPEED OF 35M PER SECOND, TOPOGRAPHY, GROUND ROUGHNESS AND STATISTICAL FACTOR OF 1.0.
- LIGHTING COLUMNS COMPLY TO THE BRITISH LIGHTING COLUMNS SPECIFICATION BS 5649.
- MATERIALS USED FOR LIGHTING COLUMNS ARE COMPLIANCE TO BS 4360 GRADE 50A, BS 4360 GRADE 43A AND BS 1387 RESPECTIVELY.
- 4. LONGITUDE OF LIGHTING COLUMNS ARE SEAM WELDED CONFORM TO BS 5135 BY AUTOMATIC CONTINUOUS METAL INERT GAS (MIG) PROCESS.
- LIGHTING COLUMNS ARE ANTI— CORRODED BY HOT—DIP GALVANIZED, COMPLIANCE TO GALVANIZING STANDARD ISO 1461: 1999.
- 6. SERVICE DOOR DIMENSION ARE GIVEN AS A GUIDE ONLY. THE CONTRACTOR MUST SATISFY HIMSELF THAT DIMENSION GIVEN IS ADEQUATE FOR THE INSTALLATION OF THE REQUIRED CONTROL GEARS.
- 7. THE SHAFT OF 6M HEIGHT LIGHTING COLUMNS SHALL BE IN SINGLE SECTION WHEREAS THE SHAFT OF 8M TO 12M HEIGHT LIGHTING COLUMNS SHALL BE IN 2 SECTIONS.

INVITATION REFERENCE NO: MCMC/RDD/PDD(1)/T3_Extn(P1) /TCA/03/14(01)

PROJECTITLE

NOTE

TIME 3 - EXTENSION

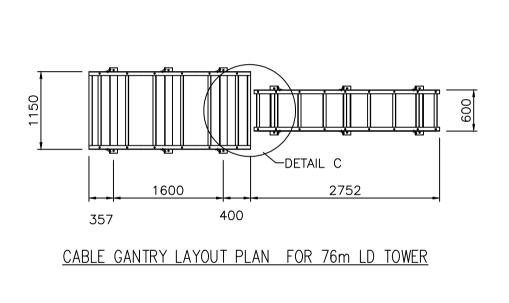
DRAWINGTILL

DRAWING 9:

COMPOUND LIGHTING COLUMN

MARCH 2014

1:125



INVITATION REFERENCE NO: MCMC/RDD/PDD(1)/T3_Extn(P1) /TCA/03/14(01)

PROJECTITLE

NOTE:

TIME 3 - EXTENSION

DRAWINGTITLE

DRAWING 10:

HORIZONTAL CABLE GANTRY LAYOUT PLAN FOR 76m LIGHT DUTY TOWER

MARCH 2014

1:40

