



- NOTES:
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE NOTED AND ALL ELEVATIONS ARE IN METERS WITH RESPECTIVE TO CHART DATUM
  - GRADE OF CONCRETE MIX SHALL BE M-40 CONFIRMING TO IS 456-2000.
  - REINFORCEMENT SHALL BE OF HIGH YIELD STRENGTH DEFORMED BARS OF GRADE FE 500D CONFIRMING TO IS 1786-2007.
  - BAR BENDING SCHEDULE OF ALL REINFORCEMENT SHALL BE PREPARED AT SITE BY THE VENDOR UNLESS OTHERWISE MENTIONED DEVELOPMENT LENGTH SHALL BE TAKEN AS 45 X DIAMETER.
  - NOT MORE THAN 50% OF REINFORCEMENT BARS SHALL BE LAPPED AT A PARTICULAR SECTION.
  - CLEAR COVER TO ALL REINFORCEMENT (INCLUDING LINKS) IN VARIOUS RCC ELEMENTS SHALL BE TAKEN FOLLOWS  
A. PILE CAP = 75MM  
B. OTHER RCC MEMBERS = 50MM  
C. FENDER COLUMN = 75MM
  - EXISTING SURFACE TO BE CLEANED AND HACKED AND PROVIDE GALVANIZED WELD MESH APPLY EPOXY BONDING AGENT AS PER SPEC BEFORE POURING MICRO CONCRETE (TYP)  
ANCHOR LENGTH 250MM  
(DESIGN REQUIREMENT, ANCHOR LENGTH FOR REINFORCEMENT 450MM, HOWEVER, THAT SHALL BE 250MM AT SITE, DUE TO PRACTICAL CONSTRAINTS CLAIMED).
  - SHEAR CONNECTOR -1NO. FOR 0.3M<sup>2</sup> SURFACE AREA OF THE BEAMS, COLUMNS AND PILE CAPS.
  - SACRIFICIABLE ANODE -1NO. PER 3M<sup>2</sup> SURFACE AREA OF BEAMS, COLUMNS, PILE CAPS AND DECK SLAB.
  - ALL REINFORCEMENT SHALL BE CONFIRMING TO IS13920 2016 DUCTILE CODE.

LEGEND:-  
(TYP) ----- TYPICAL  
T&B ----- TOP AND BOTTOM  
C/C ----- CENTER TO CENTER  
THK ----- THICKNESS  
EL ----- ELEVATION  
TOPC ----- TOP OF PILE CAP  
BOPC ----- BOTTOM OF PILE CAP  
MSL ----- MEAN SEA LEVEL

THIS DRAWING SHALL BE READ IN CONJUNCTION WITH OLD DRAWINGS OF EXISTING STRUCTURE AND CONFIRM THE SAME WITH SITE CONDITION BEFORE THE START OF WORK.