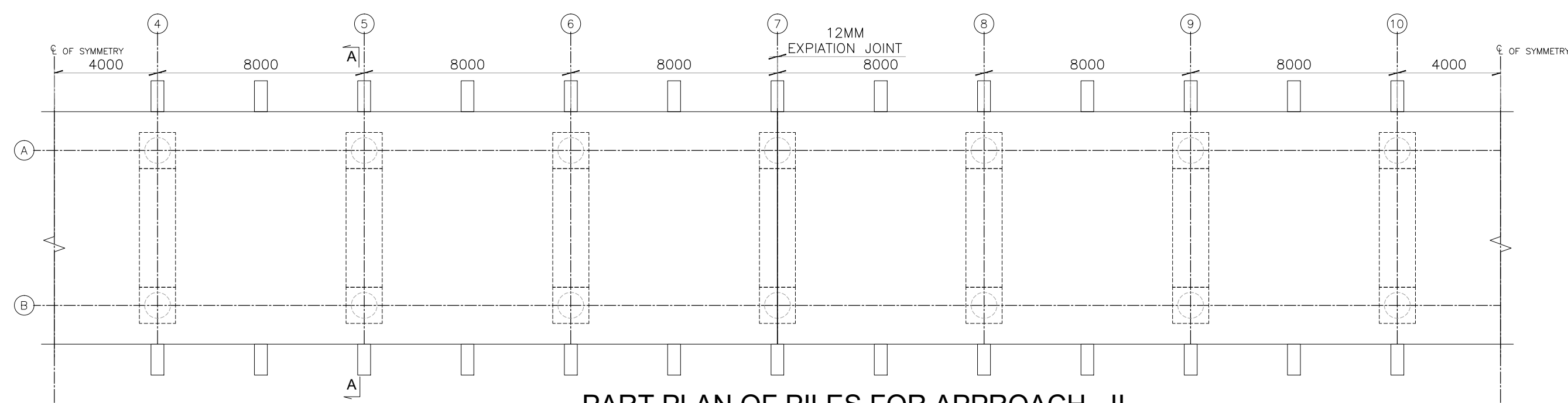
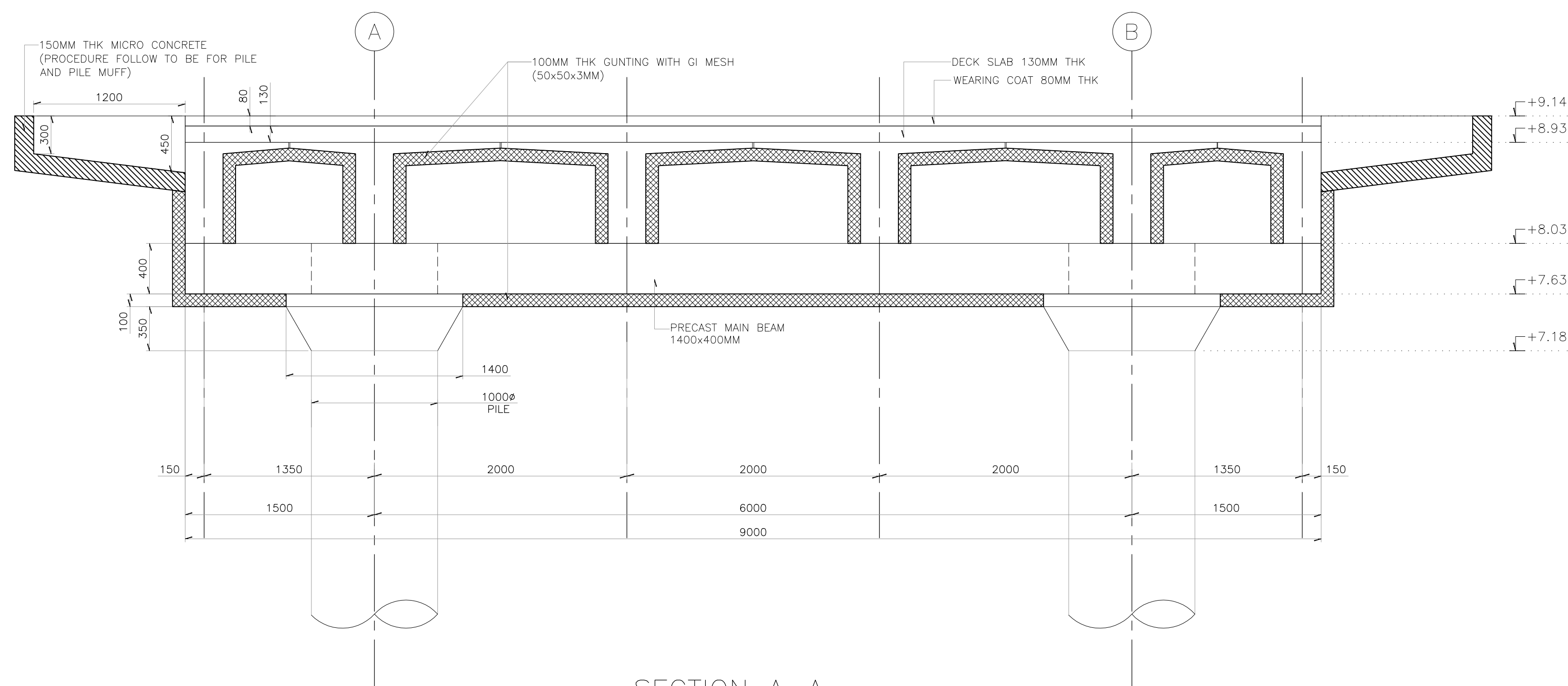


COMPLETION PLAN FOR CONSTRUCTION OF NEW OIL JETTY - DETAILED LAYOUT PLAN OF PILES FOR APPROACH - II



### PART PLAN OF PILES FOR APPROACH - II



SECTION A-A  
1:25

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

NOTE:  
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.

FINAL GFC DRAWING

[illegible]