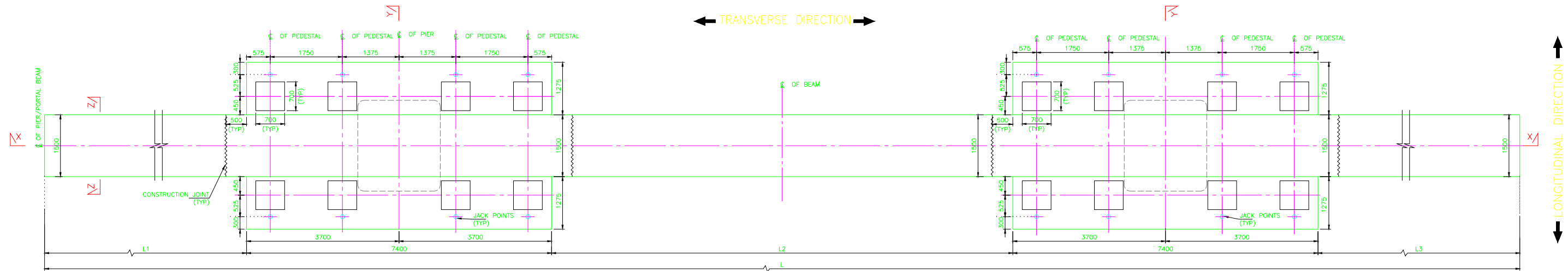
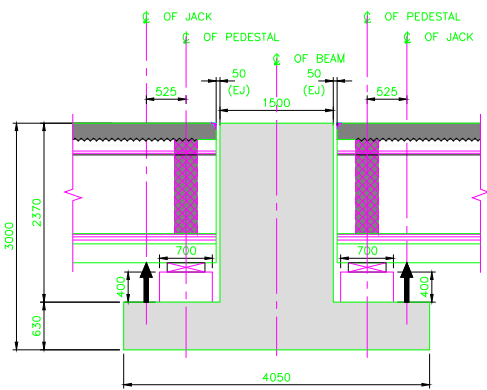


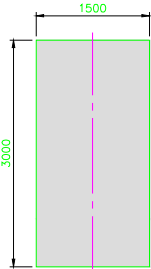
SECTION X-X  
(LONGITUDINAL SECTION)  
(SCALE 1:30)



PLAN AT PORTAL BEAM  
(SCALE 1:30)



SECTION Y-Y  
(CROSS SECTION)  
(SCALE 1:30)



SECTION Z-Z  
(CROSS SECTION)  
(SCALE 1:30)

- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETERS, LEVELS ARE IN METERS UNLESS OTHERWISE.
  - DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
  - REINFORCEMENT STEEL SHALL BE HYSD BARS OF GRADE Fe500 FOR ALL R.C.C. WORKS. DURABILITY REQUIREMENTS FOR CORROSION CONTROL SHALL BE AS PER IRC:112-2011 AS PER TENDER.
  - IF ANY AMBIGUITY IS FOUND IN DRAWINGS OR AT SITE, THE SAME SHALL BE BROUGHT TO DESIGNER'S/ENGINEER'S NOTICE BEFORE EXECUTION.
  - GRADE OF CONCRETE SHALL BE M50.
  - MINIMUM CLEAR COVER TO ANY REINFORCEMENT SHALL BE 50MM FOR PORTAL BEAM.
  - DEVELOPMENT LENGTH SHALL BE AS GIVEN BELOW :
- | GRADE OF CONCRETE  | M35       | M50       |
|--------------------|-----------|-----------|
| DEVELOPMENT LENGTH | 46 $\phi$ | 41 $\phi$ |
- WHERE  $\phi$  IS THE DIA. OF BAR.
- FOR DEVELOPMENT LENGTH CALCULATION OF BUNDLE BAR, EQUIVALENT BAR DIA =  $\phi$  SHALL BE USED. WHERE,  $\phi$ =DIA (MM) OF BAR IN BUNDLE & n=NO OF BARS IN BUNDLE.
  - BENDING OF REINFORCEMENT SHALL CONFIRM TO IS:2502 LATEST REVISION.

CONCEPTUAL / TENDER DRAWING

EMPLOYER : RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED	PROJECT : BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 4
GENERAL CONSULTANTS : AECOM @ egis wsp AECOM-EGIS-WSP	DRAWING TITLE : TYPICAL GENERAL ARRANGEMENT & REINFORCEMENT DETAILS OF PORTAL BEAM FOR PORTAL PIER
DRAWING NO. : Q22077-BSRP-CR4-C-VD-01-20-1338	SCALE : AS SHOWN PRELIMINARY DWG (P), DEFINITIVE DWG (D), CONSTRUCTION DWG (C), AS BUILT DWG (B), SHOP DWG (S), MANUFACTURED DWG (M)