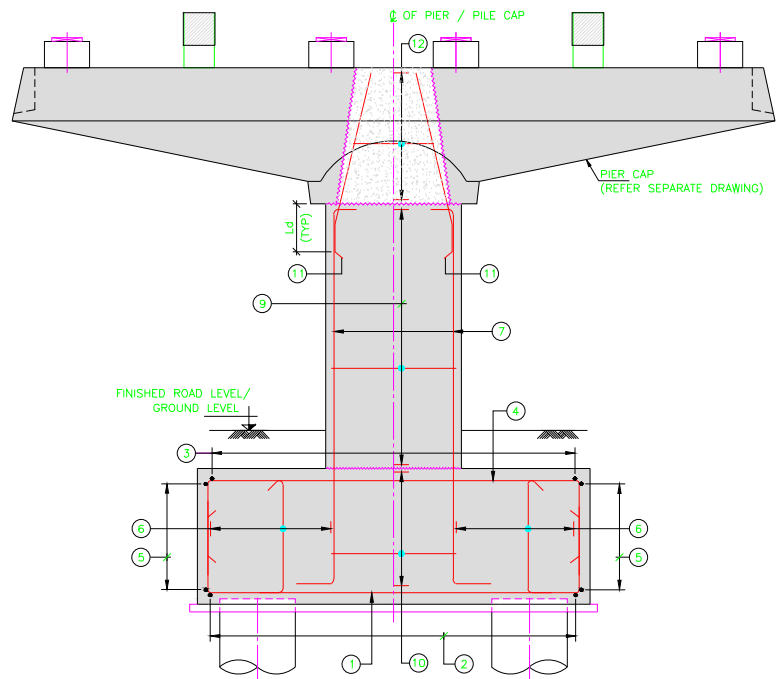
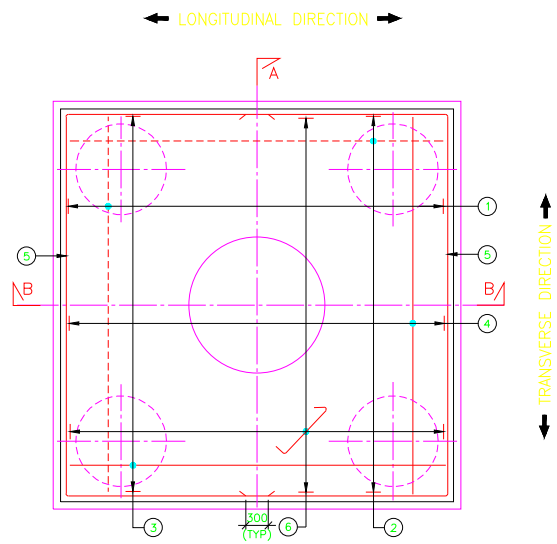


SECTION B-B
(SCALE 1:50)

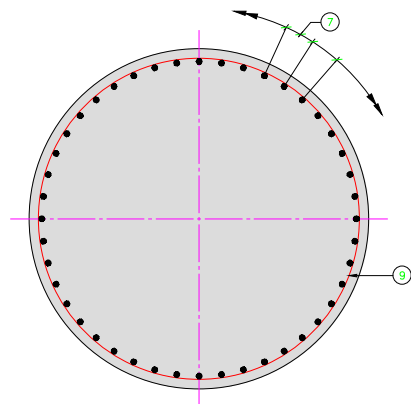


SECTION A-A
(SCALE 1:50)



PLAN OF FOOTING
(SCALE 1:50)

(BAR NO. ① SHALL NOT BE PROVIDED ABOVE THE PILE & BELOW THE PIER)
(LAPPING OF REINFORCEMENT IS NOT PERMITTED IN PILE CAP)



SECTION C-C
(SCALE 1:20)

SCHEDULE OF REINFORCEMENT:

STRUCTURAL COMPONENT	BAR MARK	BAR DIA.	SHAPE	TOTAL NOS./ SPACINGS	REMARKS
PILE CAP	①	25	1050	130 c/c	BOTTOM BAR
	②	25	1050	130 c/c	BOTTOM BAR
	③	20	1050	130 c/c	TOP BAR
	④	20	1050	130 c/c	TOP BAR
	⑤	12		140 c/c	SIDE FACE BAR
	⑥	12		260 c/c	LONGITUDINAL DIRECTION
PIER	⑦	25	500	44 NOS.	TRANSVERSE DIRECTION
	⑧			NOT USED	
	⑨	12		100 C/C	STIRRUP
	⑩	16		300 C/C	STIRRUP
	⑪	25		44 NOS.	
	⑫	10		3 NOS.	EQUALLY SPACED

NOTES:

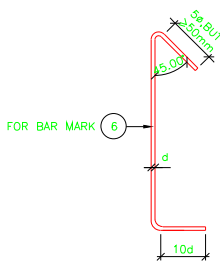
- ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METER, UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH GENERAL ARRANGEMENT DRAWINGS AND RAIL ALIGNMENT DRAWINGS.
- SEISMIC ZONE: II
- IF ANY AMBIGUITY IS FOUND IN DRAWINGS OR AT SITE, THE SAME SHALL BE BROUGHT TO DESIGNER'S/ENGINEER'S NOTICE BEFORE EXECUTION.
- REINFORCEMENT STEEL SHALL BE HYSD BARS OF GRADE Fe 500 CONFORMING TO IS:1786-2008.
- GRADE OF CONCRETE SHALL BE AS FOLLOWS:
LEVELING COURSE : PCC M20
PILE CAP : RCC M35
PIER : RCC M50
- CLEAR COVER TO ALL REINFORCEMENT SHALL BE:
PILE CAP : 75mm
PIER : 50mm
- THE NOMINAL MAXIMUM SIZE OF AGGREGATE TO BE USED SHALL BE 20mm.
- DEVELOPMENT LENGTH SHALL BE AS GIVEN BELOW :

GRADE OF CONCRETE	M35	M50
DEVELOPMENT LENGTH	46 ϕ	41 ϕ

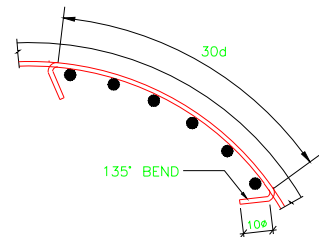
WHERE ϕ IS THE DIA. OF BAR.

LEGEND:

- TOP REINFORCEMENT
--- BOTTOM REINFORCEMENT



TYPICAL DETAILS OF LINKS
(SCALE 1:10)



TYPICAL DETAIL OF ANCHORAGE OF TIES
(ϕ = DIAMETER OF TIES)
(SCALE 1:10)

CONCEPTUAL / TENDER DRAWING

EMPLOYER : RAIL INFRASTRUCTURE DEVELOPMENT COMPANY (KARNATAKA) LIMITED	PROJECT : BENGALURU SUBURBAN RAILWAY PROJECT (BSRP) K-RIDE CORRIDOR - 2
GENERAL CONSULTANTS : AECOM @ egis wsp AECOM-EGIS-WSP	DRAWING TITLE : TYPICAL REINFORCEMENT DETAILS OF PILE CAP & PIER
DRAWING NO. : 022077-BSRP-CR4-C-VD-GEN-30-3002	SCALE : AS SHOWN PRELIMINARY DWG (P), DEFINITIVE DWG (D), CONSTRUCTION DWG (C), AS BUILT DWG (B), SHOP DWG (S), MANUFACTURED DWG (M) SHEET SIZE - A1