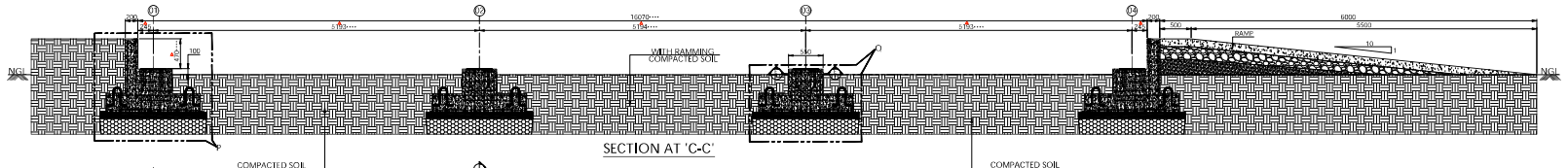
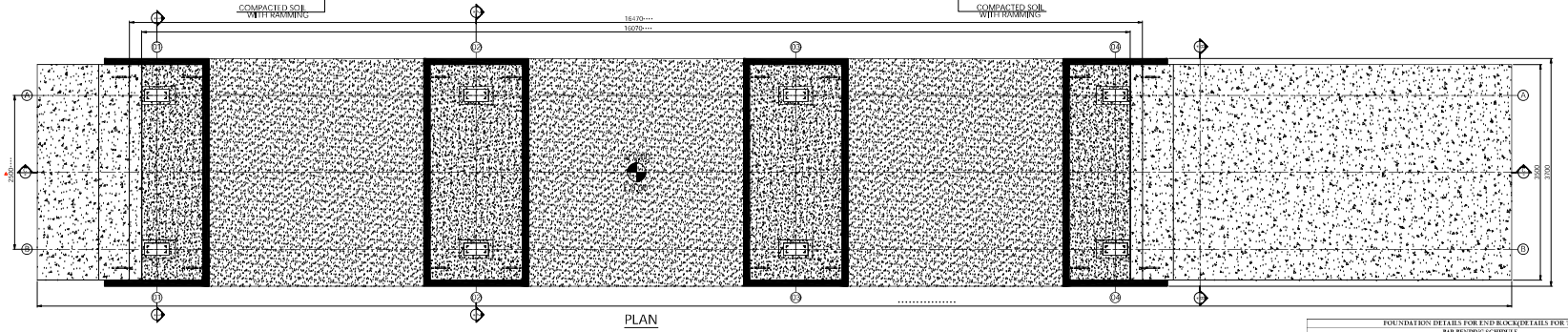
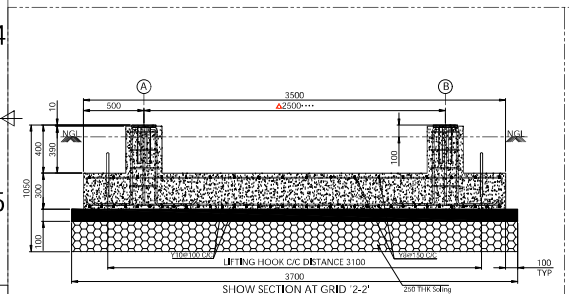
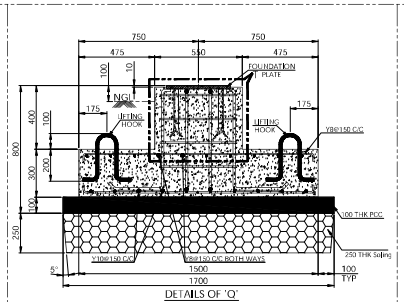
Yediyur Location

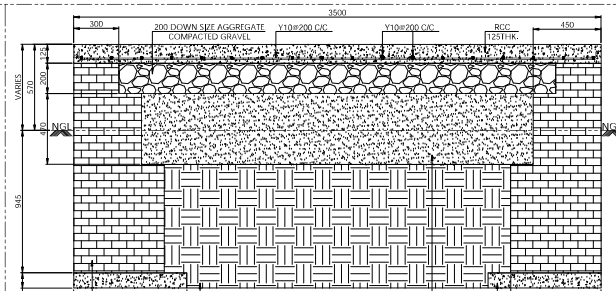
Customer : Tumkur Co-Operative Milk Producers Societies Union Limited

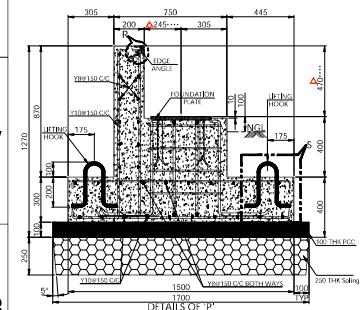


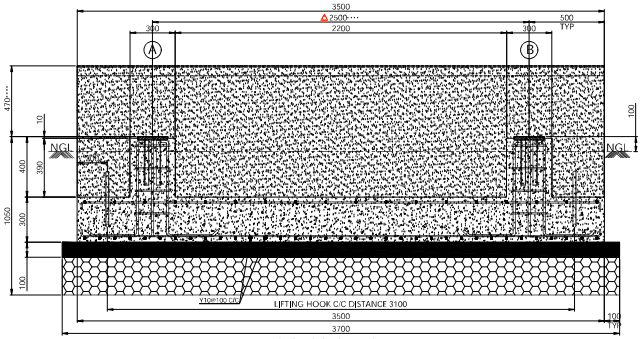


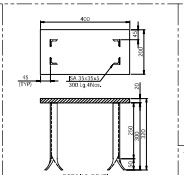


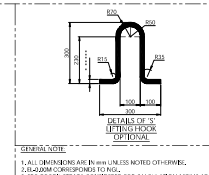


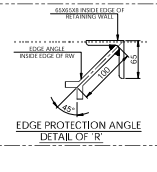


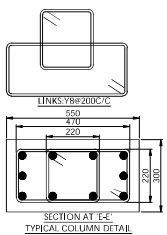












GENERAL NOTE :

1. ALL DIMENSIONS ARE IN mm UNLESS NOTED OTHERWISE.
2. EL.@DRM CORRESPONDS TO NGL.
3. SBC OF SOIL STRATA CONSIDERED FOR CALCULATION 10T/M2 AT 0.6M BELOW NGL.
4. CONCRETE GRADE SHALL BE M20 FOR FOUNDATION.
5. EXCAVATION OF SOIL AND FILLING TO BE FOLLOWED AS PER SPECIFICATION.
6. THE DIST BETWEEN TWO PRECAST FOUNDATIONS AS MENTIONED AS PER DRG, AND BOTH FOUNDATIONS ARE MAINTAINED SAME LEVEL BY USING TUBE LEVEL.
7. SCOPE OF RAMP CONSTRUCTION TO BE DONE BY THE CUSTOMER.
8. ALL REINFORCEMENT SHALL BE HYSD DENOTED AS 'Y' CONFORMS TO IS 1786 FE 500 GRADE.
9. STEEL CONFORMS TO E-250 FE 410 GRADE.
10. CARE SHOULD BE TAKEN SUCH THAT PRECAST SLABS TO BE LEFT AND PLACED IN POSITION.
11. CLEAR COVER OF REINFORCEMENT
12. FLOORING 50mm.
13. BLOCK UNIPTDESTALS 40mm.
14. CURTAINING WALLS 25mm.
15. MIN SIZE OF WELD SHALL BE 5mm LONG.
16. FOUNDATION PLATES, CURB ANGLES TIE BEAM AND OTHER MISCELLANEOUS STEEL SHALL BE IN THE SCOPE OF CUSTOMER.
17. ALL FOUNDATION PLATES TO BE CHECKED TO TUBELEVEL AND SPIRIT LEVELS WITHIN 1:45mm VARIATION AFTER POSITIONED IN RCC.

△ CRITICAL DIMENSION

FOUNDATION DETAILS FOR END BLOCK(DETAILS FOR 'P')

BAR BENDING SCHEDULE

Item Description	Total Qty	Qty of Item	Shape	A in mm	B in mm	C in mm	D in mm	Total L in mm	Dia or rod in mm	Qty/ Item	W/m in kg	Total Wt in kg	Remarks
Footing	2	1	A	50	1400	50		1500	8	23	0.39	27.23	Top Mat
			A	50	1400	50		1500	8	30	0.39	27.62	Top Mat
			B	50	1400	50		1500	10	35	0.62	64.74	Bottom Mat
			B	50	1400	50		1500	10	37	0.62	71.81	Bottom Mat
Column	2	2	B	50	620	100	50	1020	16	10	1.58	64.40	Main rod
			C	220	470	50	50	1400	8	4	0.39	8.24	Stirrup 1
			C	220	240	50	50	1020	8	4	0.39	6.44	Stirrup 2
Retaining Wall	1	1	B	50	1120	100	50	1320	10	46	0.62	84.97	Vertical
			B	50	3450	50		3550	8	11	0.39	33.62	Horizontal
Ramp	1	1	A	50	6000	50		6100	10	31	0.62	62.79	Top Mat
			A	50	3400	50		3500	10	30	0.62	64.74	Bottom Mat

TOTAL STEEL IN Kg. 498.9

FOUNDATION DETAILS FOR CENTRE BLOCK(DETAILS FOR 'Q')

BAR BENDING SCHEDULE

Item Description	Total Qty	Qty of Item	Shape	a in mm	B in mm	C in mm	D in mm	Total L in mm	Dia or rod in mm	Qty/ Item	W/m in kg	Total Wt in kg	Remarks
Footing	2	1	A	50	3400	50		3500	8	23	0.39	27.23	Top Mat
			A	50	3400	50		3500	8	30	0.39	27.62	Top Mat
			B	50	3400	50		3500	10	35	0.62	64.74	Bottom Mat
			B	50	3400	50		3500	10	37	0.62	71.81	Bottom Mat
Column	2	2	B	50	620	100	50	1020	16	10	1.58	64.40	Main rod
			C	220	470	50	50	1400	8	4	0.39	8.24	Stirrup 1
			C	220	240	50	50	1020	8	4	0.39	6.44	Stirrup 2

TOTAL STEEL IN Kg. 242.92

CONCRETE AND PCC DETAILS

Description	Total Qty	Qty/ Item	Item Description	Length in mm	Width in mm	Thickness/ Height in mm	Total Vol of in m3	Total Vol of PCC in m3
End Block	2	1	Footing	1500	1500	300	3.15	
		2	Column	300	550	300	0.26	
		1	Retaining Wall	200	3500	570	1.23	
		1	PCC	1700	2700	100		1.26
Centre Block	1	1	Footing	1500	1500	300	3.15	
		2	Column	300	550	400	0.26	
		1	PCC	1700	2700	100		1.26
Ramp		2	M10 PCC (Bottom)	750	6000	100		0.90
		1	M20 RCC (Top)	1500		113	2.4	
		1	200 Down Size Aggregate	2000		200	1.99	
		1	Soling	2000		470	1.37	
	2	1	RR Masonry Wall (below NGL)	6000		120	0.40	
		1	RR Masonry Wall (Above NGL)	3000		370	1.36	
Total Volume in m3							21.43	3.42

MISC STEEL DETAILS

Sl No.	Name	Description	Qty	Designation	L in mm	W in mm	Qty/ Mark	Weight in kg	Material/ Grade
1	Foundation Plate	Top Plate	8	BPL 20	400	200	1	100.5	IS 2062 E250
		Bottom Legs		ISA 150X150X	300	15	4	24.96	IS 2062 E250
2	Edge Protection Angle	Protection Angle	2	ISA 65X65X6	3500	65	1	33.8	IS 2062 E250
		Grouting Rod		10mm Dia Tor rod	100	10	11	1.4	IS 1786 Fe415
3	Lifting Hook	Hook For Optional	4	ISB 12	787	20	4	3.11	IS 1786 Fe415
Total Weight in kg								211.8	

Abstract of Reinforcement

For rod size in mm	Total W t in kg
8	174.03
10	433.19
16	133.79
Total W t in kg	741.86

Rev. No	Date	Description of Revision	Drawn	Checked	Approved

Drawn VRN 19/07/22
Checked DESIGN
Approved DESIGN

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Reference Drawings

TITLE: Civil Foundation Drawing For Indium 16x3+50 (One side ramp) Pidesa Type Truck Scale

SCALE:- NTS

SHEET NO:1/1

Dwg No TSD-CV-TCMP-2842

Rev: 01

Form No T-05-001-R1

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