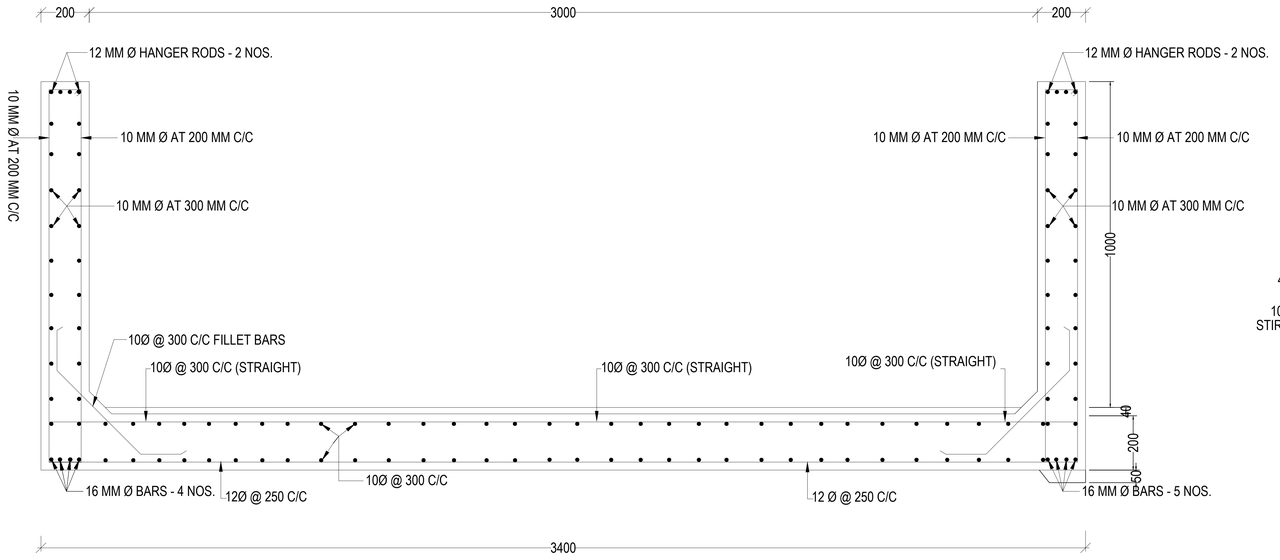
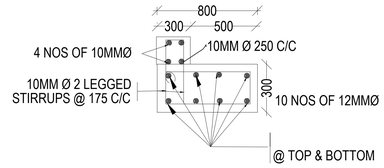


SECTION OF TROUGH WITH REINFORCEMENT DETAILS



BED BLOCK OF ABUTMENT UNDER TROUGH

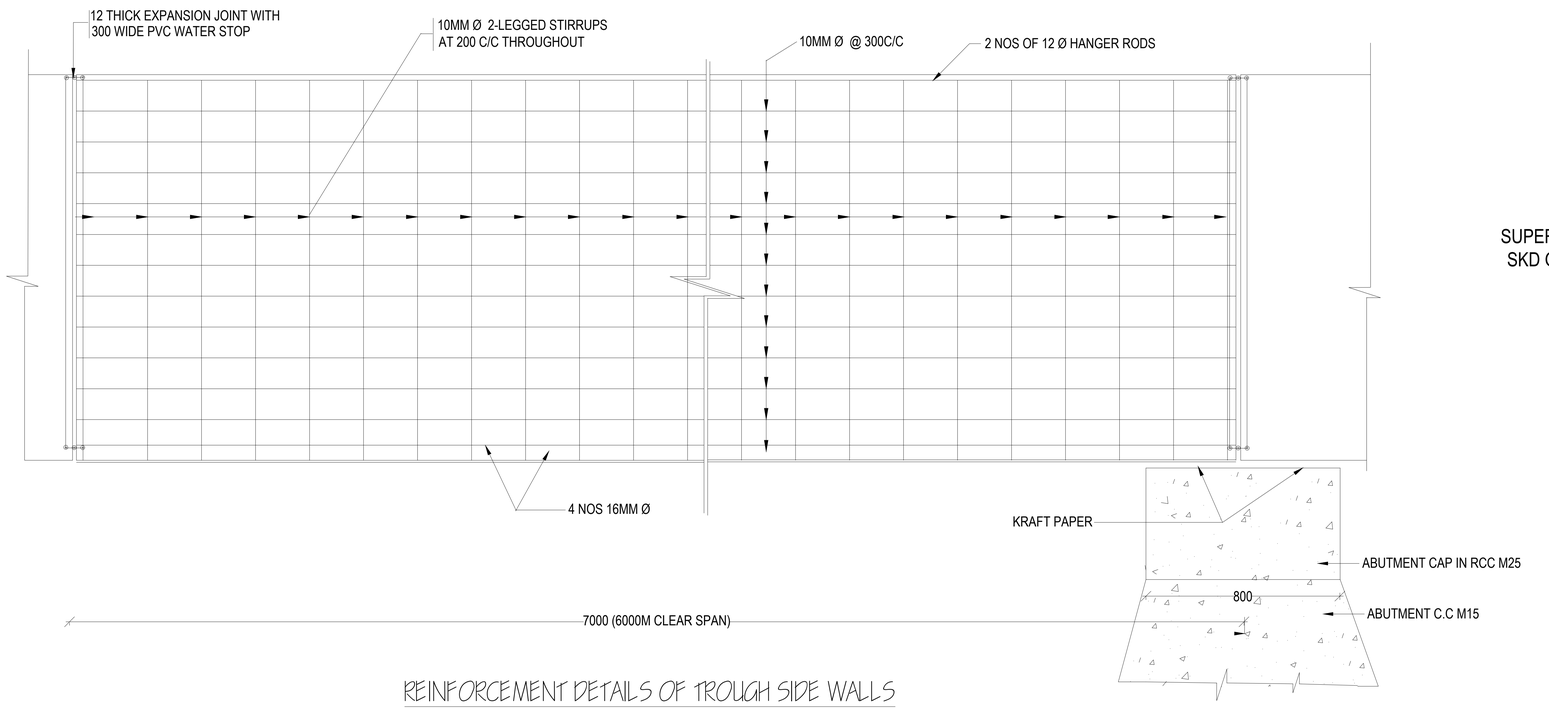
NOTES AND SPECIFICATIONS

1. ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES. ONLY FIGURED DIMENSIONS SHALL BE CONSIDERED
2. THE TROUGH BOTTOM SLAB, SIDE WALLS SHALL BE IN R.C.C. M25 GRADEUSING 20 MM GRADED AGGREGATE CONFORMING TO IS 383-1970.
3. H.Y.S.D BARS CONFORMING TO IS 1786-1985 SHALL ONLY BE USED UNLESS OTHERWISE SPECIFIED.
4. SPECIFICATIONS FOR RCC ITEMS SHALL BE AS PER I.S 456-2000.
5. OVER LAPPING OF BARS SHALL BE AVOIDED AS FAR AS POSSIBLE AT POINTS OF MAXIMUM STRESSES HOW EVER IF LAPS ARE INEVITABLE THE PROVISIONS IN CLAUSE 26 -2- 5-1 OF I.S : 456 - 2000 SHALL BE FOLLOWED.
6. COVER FOR REINFORCEMENT FOR TROUGH SLAB SHALL BE 30 MM AND SIDE WALLS SHALL BE 40 MM.
7. THE SEALING COAT OVER THE TROUGH FLOOR SLAB SHALL BE 40 MM THICK IN C.C M 25 GRADE RENDERED WATER PROOF BY ADDING SUITABLE ADMIXTURES AND SHALL BE LAID MONOLITHICALLY WITH SLAB CONCRETE.

9. OVER LAPPING OF BARS SHALL BE AVOIDED AS FAR AS POSSIBLE AT POINTS OF MAXIMUM STRESSES. HOW EVER IF LAPS ARE INEVITABLE THE SAME ARE PROPOSED AS PER PROVISIONS IN CLAUSE 26 -2- 5-1 OF I.S : 456 - 2000.

Stress Table

S.No	Description	Stress in concrete		Stress in Soil	
		Max T/Sqm	Min T/Sqm	Max T/Sqm	Min T/Sqm
1	Abutment under Though Slab	13.50	-1.22	11.46	1.02
2	Wings & Returns on U/S & D/S	5.59	0.75	3.27	3.07



REINFORCEMENT DETAILS OF TROUGH SIDE WALLS

REFERENCE DRAWINGS

1. GLIS/SKC/SP-18.000/001/2011 - GENERAL PLAN AND SECTIONS.

SD/-23.04.2018
SUPERENTENDING ENGINEER
SKD GNSS CIRCLE, KADAPA

REVISION NO:	DRAWN	CHECKED	APPROVED	DATE
CLIENT	GOVERNMENT OF ANDHRA PRADESH IRRIGATION & CAD DEPARTMENT			
PROJECT	GANDIKOTA LIFT IRRIGATION PROJECT SANTHAKOVURU DISTRIBUTORY			
TITLE	SUPER PASSAGE AT KM. 18.000 RCC DETAILS OF TROUGH SLAB			
CONTRACTORS	M/S MCCL - KBL PUNE			
DRAWING NO:	SCALE		DATE	
GLIS/SKC/SP-12.685/ 002/2012	AS INDICATED			