

2. THE TROUGH BOTTOM SLAB, SIDE WALLS SHALL BE IN R.C.C. M25 GRADEUSING 20 MM GRADED AGGREGATE CONFORMING TO IS 383-1970.

1. ALL DIMENSIONS ARE IN MILLIMETRES AND ALL LEVELS ARE IN METRES. ONLY FIGURED DIMENSIONS SHALL BE CONSIDERED

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.

## SECTION OF TROUGH WITH REINFORCEMENT DETAILS

10Ø @ 300 C/C

\_10Ø @ 300 C/C (STRAIGHT)

<del>/</del>200 <del>/</del>

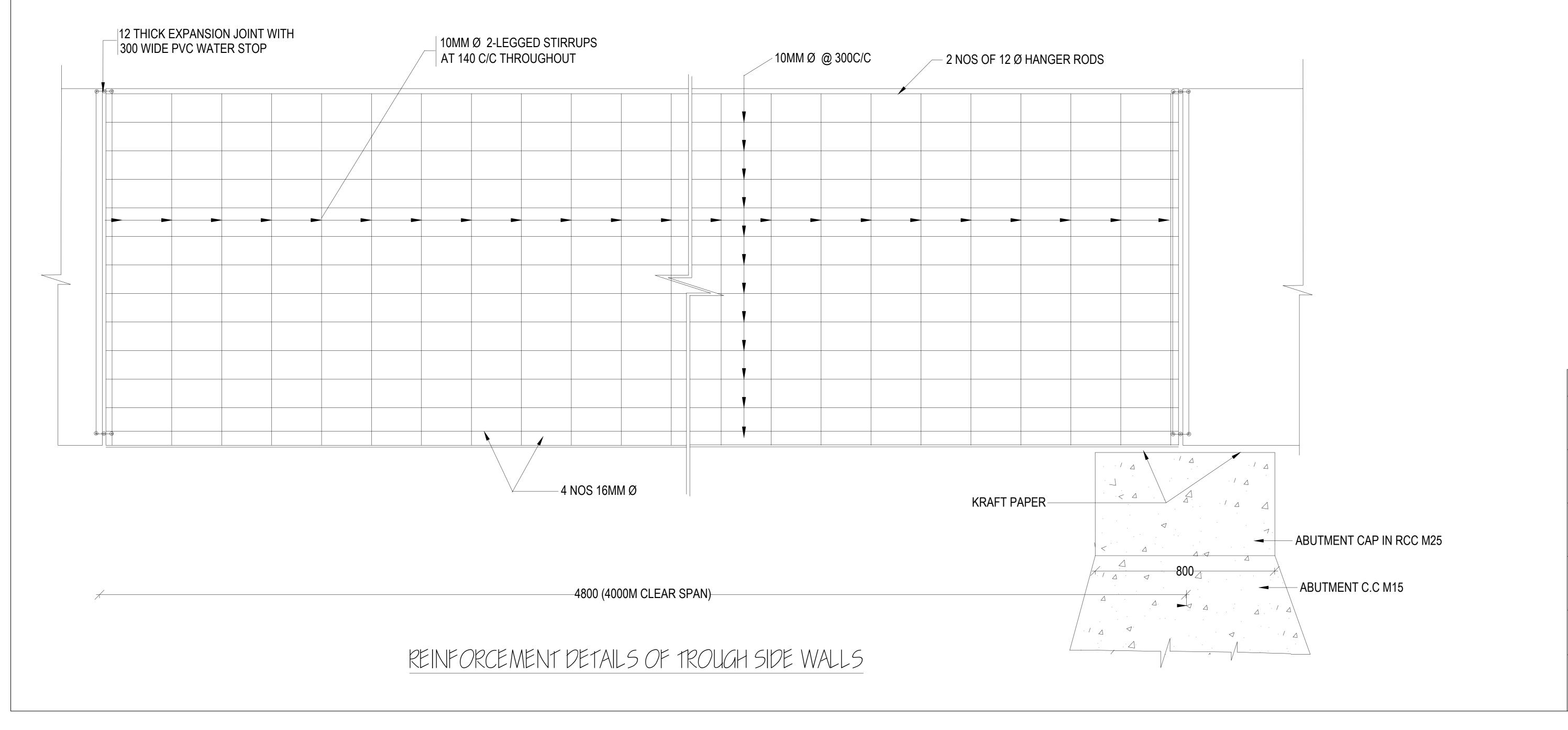
−12 MM Ø HANGER RODS - 2 NOS.

- 10 MM Ø AT 140 MM C/C

-10 MM Ø AT 300 MM C/C

-10Ø @ 300 C/C FILLET BARS

\_10Ø @ 300 C/C (STRAIGHT)



200

10 MM Ø AT 140 MM C/C

10Ø @ 300 C/C (STRAIGHT)

12 Ø @ 250 C/C

-12 MM Ø HANGER RODS - 2 NOS.

10 MM Ø AT 140 MM C/C

16 MM Ø BARS -4 NOS.

10 MM Ø AT 300 MM C/C

<del>/ 600 /</del>

<del>/200/ 400 /</del>

BED BLOCK OF ABUTMENT

UNDER TROUGH

10 NOS OF 12MMØ

@ TOP & BOTTOM

4 NOS OF 10MMØ

10MM Ø 2 LEGGED STIRRUPS @ 175 C/C

## REFERENCE DRAWINGS

1. GLIS/HLC/SP-16.825/001/2011 - GENERAL PLAN AND SECTIONS.

| REVISION NO:                    | DRAWN   | CHECKED | APPROVED | DATE |
|---------------------------------|---|---------|----------|------|
| CLIENT                          | GOVERNMENT OF ANDHRA PRADESH IRRIGATION & CAD DEPARTMENT    |         |          |      |
| PROJECT                         | GANDIKOTA LIFT IRRIGATION PROJECT<br>MALYALA SUPLLY CHANNEL |         |          |      |
| 111LE                           | SUPER PASSAGE AT KM. 17.125 RCC DETAILS OF TROUGH SLAB      |         |          |      |
| CONTRACTORS                     | M/S MCCL - KBL<br>PUNE                                      |         |          |      |
| DRAWING NO:                     | 50  | TALE    | DATE     |      |
| GLIS/HLC/SP-16.825/<br>002/2011 | AS IN   | DICATED |          |      |