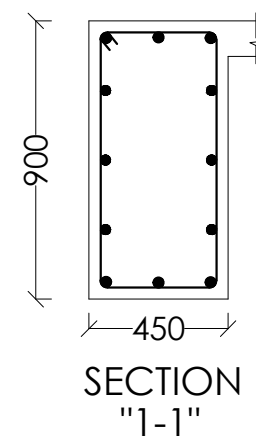


Diagram illustrating typical lapping zone details for a beam. The diagram shows two lapping zones, L1 and L2, for a beam. The top reinforcement (TOP REINF.) is lapped with a development length  $L_d(T)$  and the bottom reinforcement (BOTTOM REINF.) is lapped with a development length  $L_d(C)$ . The lapping length is indicated as 150. The diagram also shows the placement of stirrups (STIRRUPS) and the lap length for bottom bars (LB).

**TYPICAL LAPPING ZONE DETAILS FOR BEAM**

LT: LAP TOP BARS HERE  
LB: LAP BOTTOM BARS HERE

$L_d(T)$ : DEVELOPMENT LENGTH IN TENSION ( $46\phi$ )  
 $L_d(C)$ : DEVELOPMENT LENGTH IN COMPRESSION ( $38\phi$ )



B101 (450X900) (BEAM CURVED IN PLAN)

**NOTE:**

1. ALL DIMENSIONS ARE IN MM & METERS ONLY, UNLESS OTHERWISE SPECIFIED.
2. DO NOT SCALE THE DRAWING FOLLOW FIGURED DIMENSIONS ONLY.
3. READ THIS DRG. ALONG WITH MACHINE /EQUIPMENTS SUPPLIERS DRG. IN CASE OF ANY DISCREPANCY IT SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.
- 4.GRADE OF STEEL -Fe500.
- 5.GRADE OF CONCRETE
  - i). BEAM - M30
  - ii) SLAB - M30
- 6.CLEAR COVER OVER MAIN REINFORCEMENT
  - i). BEAM - 25mm
  - ii) SLAB - 20mm

Y.			
Rev.Nos.	DESCRIPTION	DATE	Chkrd

PURPOSE:	TENDER DRAWINGS
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STRUCTURAL CONSULTANT :
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**PACE** CIVIL & STRUCTURAL ENGINEERS  
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DRAWING TITLE :  
SLUDGE THICKENER TANK (5.0m DIA)  
BASE SLAB BEAM DETAILS

DRAWN	KEERTHIPRIYA	DESIGNED	H.K	
CHECKED		DATE	23.11.2023	
APPROVED		SCALE	N.T.S	
DRG. NO.	SDTK/JETL/PC/ST-04	SHEET SIZE		REV NO.
		A3	00	

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