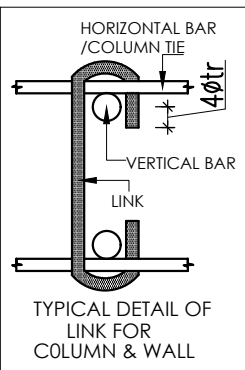
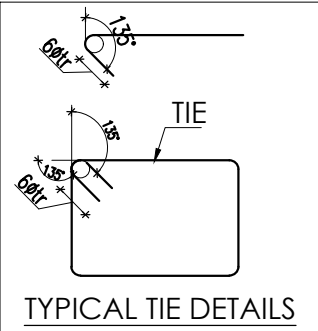


### SLUDGE THICKENER TANK (5.0m DIA.) FOUNDATION LAYOUT

SCHEDULE OF COLUMNS:  
(GRADE OF CONCRETE-M30, GRADE OF STEEL-Fe550)

COLUMN GROUP	FOOTING LVL	TIES DETAILS
C1 (4NO'S)	<p>450</p> <p>450</p> <p>4-T16</p> <p>4-T20</p> <p>T8@150c/c</p>	<p>①</p> <p>②</p> <p>③</p>



## FOOTINGS SIZES :

S.NO	TYPE	FOOTING SIZE	DEPTH	FOOTING REINF.,		SIDE FACE REINF.,
		B X L	D	BOTTOM MAT	TOP MAT	
1	F1 (4Nos)	2400 X 3000	500	T12@150c/c (BOTH WAYS)	T8@200c/c (BOTH WAYS)	T10@200c/c (ALL AROUND)

NOTE:

- \* CENTER OF FOOTINGS SHALL MATCH WITH CENTER OF COLUMNS.  
\*  $\phi$  TO BE CROSS CHECKED WITH MACHINE SUPPLIERS DRAWING.

**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). COLUMN - M30      ii) FOOTING- M30
- 6.CLEAR COVER OVER MAIN REINFORCEMENT  
i). COLUMN - 40mm    ii) FOOTING- 50mm
- 7.SBC OF SOIL IS 120 Kn/Sq.m AT A DEPTH OF 6.0m FROM NATURAL GROUND LEVEL.

Rev.No.	DESCRIPTION	DATE	Chkd
PURPOSE:			
TENDER DRAWINGS			

STRUCTURAL CONSULTANT:

**PACE** CIVIL & STRUCTURAL ENGINEERS  
CONSULTANTS

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**INDUSTRIES:**  
PEB SHEDS  
CHIMNEYS  
MACHINE FOUNDATIONS  
EFFLUENT TREATMENT PLANTS  
RESERVOIRS  
**BUILDINGS:**  
COMMERCIAL  
RESIDENTIAL  
HIGH RISE  
**DEFENSE:**  
BLAST RESISTANT STRUCTURES  
BUNKERS  
MISSILE LAUNCH STRUCTURES

PROJECT :  
M/S. JEEDIMETLA EFFLUENT  
TREATMENT LTD.

DRAWING TITLE :  
SLUDGE THICKENER TANK (5.0m DIA)  
FOUNDATION LAYOUT &  
FOOTINGS AND COLUMNS SCHEDULE

DRAWN	KEERTHIPRIYA	DESIGNED	H.K
CHECKED		DATE	23.11.2023
APPROVED		SCALE	N.T.S
DRG. NO.	SDTK/JETL/PC/ST-01	SHEET SIZE	REV NO.
		A3	00

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