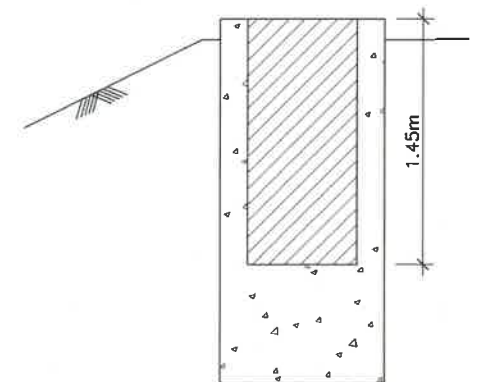
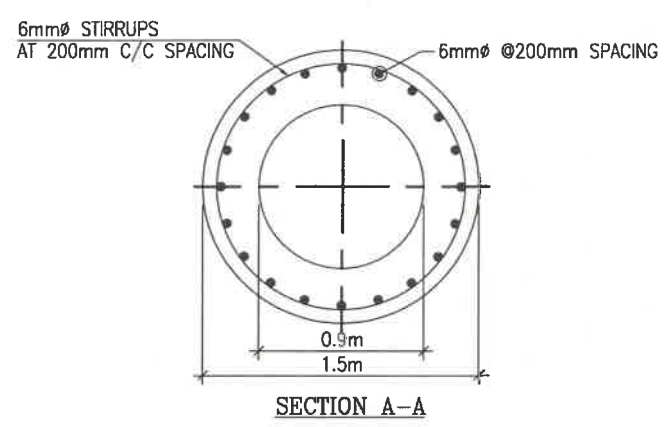


TYPICAL DETAILS OF CYLINDRICAL FOUNDATION IN JNPT YARD



TYPICAL STAGES OF CONCRETING

LEGENDS:		
	STAGE 1	CONCRETING
	STAGE 2	CONCRETING

IMPORTANT NOTES

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH LOADING CHART.
- LOADING CORRESPONDING TO PARTICULAR TYPE OF LOCATION MUST BE READ FROM LOADING CHART AND DEPTH OF FOUNDATION BASED ON DIFFERENT VERTICAL LOAD & BENDING MOMENT AND DIFFERENT IMPLANTATION VALUE MUST BE ADOPTED AS PER THE FOLLOWING CRITERIA-
 - BASED ON VERTICAL LOAD & BENDING MOMENT VALUES.

<p>CRITERIA</p> <p>A) BOTH VERTICAL LOAD & BENDING MOMENT ARE SAME AS VOLUME CHART</p> <p>B) VERTICAL LOAD IS HIGHER & BENDING MOMENT IS SAME</p> <p>C) VERTICAL LOAD IS SAME & BENDING MOMENT IS HIGHER</p>	<p>ADOPTED DEPTH</p> <p>- SAME AS MENTIONED IN VOLUME CHART</p> <p>- CORRESPONDING TO BENDING MOMENT</p> <p>- CORRESPONDING TO ONE VALUE HIGHER BENDING MOMENT</p>
--	--
- THESE DEPTH OF FOUNDATIONS ARE BASED ON TYPICAL CONDITIONS SHOWN IN THIS DRAWING.
- THESE DEPTHS ARE VALID FOR SLOPE 2H:1V OR FLATTER SLOPES.

This drawing is the property of SOJITZ-L&T CONSORTIUM and must not be passed on to any person or body not authorized by SOJITZ-L&T in writing to receive it nor be copied or otherwise made use either in full or in part by such person or body without our prior permission in writing.

- NOTES-**
- DRAWING NOT TO BE SCALED AND ALL DIMENSIONS ARE IN METER UNLESS OTHERWISE SPECIFIED.
 - THE CONCRETE SHALL HAVE MINIMUM 28 DAYS CHARACTERISTIC COMPRESSIVE CUBE STRENGTH FOR SEVERE EXPOSURE CONDITIONS:

(A) FOUNDATION	- M20
(B) GROUTING	- M20
 - CLEAR COVER TO REINFORCEMENT SHALL BE 75mm.
 - (A) THE DEPTH OF CYLINDRICAL FOUNDATION AS SHOWN IN THE TABLE ARE NOT SUITABLE IF:
 - SOIL DENSITY IS LESS THAN 1.5 T/M³.
 - THIS DRAWINGS OF CYLINDRICAL FOUNDATION IS NOT VALID FOR THE FOLLOWING SOIL TYPES:-
 - BLACK COTTON SOIL
 - ROCK STRATA
 - FOR DETAILED DESIGN REFER DOCUMENT NO. DOC/EMP-16/DGN/DC/073(REV-0).
 - THIS DRAWING SHOULD BE READ IN CONJUGATION WITH DRAWING NO-5/OH/TD/1235(REV-A), SHEET 2 OF 2.
 - CENTER LINE OF FOUNDATION AND CENTER LINE OF PORTAL NEED TO BE MATCHED BEFORE EXECUTION.
 - THE CONSTRUCTION TOLERANCE OF ±10mm IN THE FOUNDATION WALLS THICKNESS IS ALLOWED BEFORE PORTAL GROUTING IS DONE. HOWEVER THE OVERALL DIAMETER OF FOUNDATION SHALL BE ENSURED TO 1500mm AFTER GROUTING OF PORTAL IS DONE.
 - THIS DRAWING IS VALID ONLY WHEN A MINIMUM 300mm SOIL CUSHION IS AVAILABLE FROM OUTER EDGE OF FOUNDATION TO THE CREST OF FORMATION SLOPE AS SHOWN IN THE SKETCH.

PMC 2R		DFCCIL	
DESIGNATION	SIGNATURE	DESIGNATION	SIGNATURE
PM/PMC		CPM/DFCCIL	
CEE/ELECT.		ACPM/ELECT.	
DESIGN EXP		APM/ELECT	
ISSUED BY :-		DEEPAK GUPTA	
ENGINEERING DESIGN & RESEARCH CENTRE- ELECTRICAL, LARSEN & TOUBRO LIMITED		HEAD OF DEPT. ELECTRICAL DESIGN	

REV. NO.	DATE	DESCRIPTION	SIGNATURE
A	16/01/2020	INITIAL SUBMISSION	

PROJECT : DEDICATED FREIGHT CORRIDOR PROJECT (WESTERN CORRIDOR, PACKAGE EMP 16 - JNPT TO MAKARPURA)

EMPLOYER:		DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LIMITED	
ENGINEER:	PMC-2R	OCG CONSORTIUM	
CONTRACTOR:	SOJITZ-L&T	SOJITZ-L&T CONSORTIUM	
CONSULTANT:	Ardanuy	ARDANUY INGENIERIA S.A.	

TITLE :				TYPICAL DETAILS OF CYLINDRICAL FOUNDATION FOR ONE PORTAL WITH 1.5m DIAMETER AT JNPT YARD			
JOB No :	WDFCC-EMP-16	SIZE	AS SHOWN	RELEASED FOR			
DESIGN	AM	NAME	APD DEEPAK GUPTA	PROJECTION	<input type="checkbox"/>	PRELIMINARY	
CHECK	AK	SCALE	N.T.S.	REVIEW	<input type="checkbox"/>	INFORMATION	
VERIFY	AK	FIRST ANGLE		CONSTRUCTION	<input type="checkbox"/>	AS BUILT	
DWG. NO :	5 OR TD 1 2 3 5	REVISION	A	SHEET NO.	1 OF 2	DATE :	16/01/2020