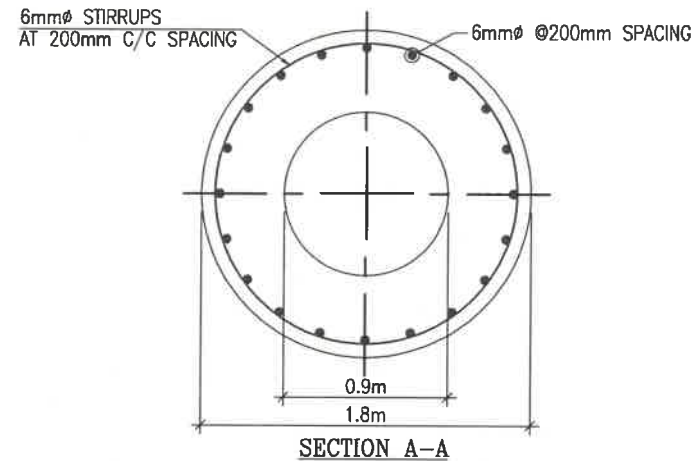
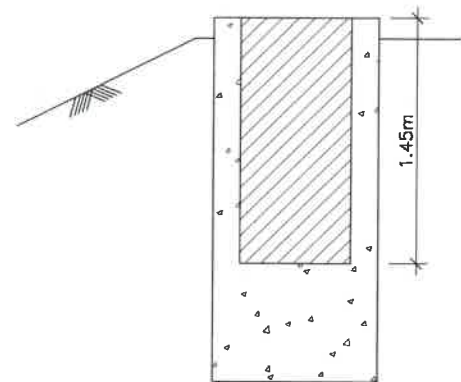


TYPICAL DETAILS OF CYLINDRICAL FOUNDATION IN JNPT YARD



SECTION A-A



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-
  - i) BASED ON VERTICAL LOAD & BENDING MOMENT VALUES.
 

<p>CRITERIA</p> <p>A) BOTH VERTICAL LOAD &amp; BENDING MOMENT ARE SAME AS VOLUME CHART</p> <p>B) VERTICAL LOAD IS HIGHER &amp; BENDING MOMENT IS SAME</p> <p>C) VERTICAL LOAD IS SAME &amp; 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 each 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:
    - (i) SOIL DENSITY IS LESS THAN 1.5 T/M<sup>3</sup>.
    - (B) THIS DRAWINGS OF CYLINDRICAL FOUNDATION IS NOT VALID FOR THE FOLLOWING SOIL TYPES:-
      - (i) BLACK COTTON SOIL
      - (ii) 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/1236(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 1800mm 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 :-  
 ENGINEERING DESIGN & RESEARCH CENTRE - DEEPAK GUPTA  
 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 OHE PORTAL WITH 1.8m DIAMETER AT JNPT YARD

JOB No : WDFCC-EMP-16

DRGN	AN	NAME	SIGN	HEAD OF DEPT. ELECTRICAL DESIGN	PROTECTION	RELEASED FOR
CHKD	AK					<input type="checkbox"/> PRELIMINARY
VERD	AK					<input type="checkbox"/> INFORMATION
						<input type="checkbox"/> REVIEW
						<input type="checkbox"/> CONSTRUCTION
						<input type="checkbox"/> AS BUILT

DRG. No : 6 OH TD 1 2 3 6 REVISION : A SHEET NO. : 1 OF 2 DATE : 16/01/2020