



SLOPE PROTECTION SYSTEM (TYPICAL)



(TABLE -3) MATERIAL SPECIFICATION OF SOIL NAIL					
Nominal diameter	Grade	Cross section (mm²)	Yied load (kN)	Ultimate load (kN)	Elongation (%)
22	St 670/800 (grade 97)	375	251	300	7
25	St 670/800 (grade 97)	491	329	393	7
28	St 670/800 (grade 97)	616	413	493	7
30	St 670/800 (grade 97)	707	474	566	7



THE DRAWING IS FOR REFERENCE ONLY. CONTRACTOR SHALL SOURCE THE TECHNOLOGY /SYSTEM FROM SPECIALIZED TECHNOLOGY PROVIDER ADOPTING MATERIALS OF GIVEN SPECIFICATION OR HIGHER. CONTRACTOR TO SUBMIT DETAILED WORK METHODOLOGY, SPECIALIZED AGENCY CREDENTIALS FOR NHIDCL APPROVAL PRIOR TO WORK.

THE SUITABILITY, SUSTAINABILITY, AND STABILITY OF THE DESIGN AND STRUCTURES ARE TO BE CERTIFIED BY INDIAN INSTITUTE OF TECHNOLOGY (DELHI/KANPUR/MUMBAI/KHARAGPUR/ROORKEE) BEFORE THE COMMENCEMENT OF WORK.

REVISIONS

REV	DATE	DRN	CHK

AMENDMENTS

CLIENT:



National Highways & Infrastructure
Development Corporation Ltd.

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SIKKIM-RHENOK TO PAKYONG