पूर्वोत्तर सीमा रेल
(निर्माण)
NORTHEAST FRONTIER RAILWAY
(CONSTRUCTION)

उप मुख्य इंजीनियर निर्माण का कार्यालय
न्यू जलपाईगुड़ी
Office of the Dy. Chief Engineer (Con)
New Jalpaiguri

विनोद कुमार मीना, भा.रे.इं.से.

No. W/207/CON/Land/Sivok-Rangpo/Forest land (Kurseong)/317 Date: 24.02.2021

The Divisional Forest Officer
Kalimpong Forest Division
Ringkingpong Road,
Kalimpong 734301

Sub: Diversion of 13.512 Ha of forest land (0.5089 Ha under Kurseong Forest Division+ 2.7945 Ha under Darjeeling Forest division+ 10.2086 Ha under Kalimpong Forest Division) for construction of Sivok-Rangpo New Broad Gauge Railway line from Sivok in West Bengal to Rangpo in Sikkim in favour of Northeast Frontier Railway, New Jalpaiguri.

Ref: i) Memo No. 272/9-39 Dated 02.02.2021.
ii) W/207/CON/Sivok-Rangpo/Forest Land/586 Dated 19.09.2020
iii) Copy of Email Alert from System Administrator of online submission & monitoring of forest clearance proposal (OSMFCP) portal dated 04.09.2020.
iv) Copy of "Detail of Essential Detail Sought" from Parivesh Portal pertaining to proposal no. FP/WB/RAIL/47649/2020.

We are in receipt of above-mentioned memo dated 02.02.2021 through online portal i.e., Parivesh.nic.in. under the subhead "Detail of Essential Detail sought".
Para-wise reply to the queries raised vide memo no. 272/9-39 Dated 02.02.2021 is presented in a tabulated form as follows:

SN	Queries	Clarifications	Remarks
1	DGPS survey maps of land proposed for compensatory afforestation.	Land required for compensatory afforestation may please be identified by your good office. Related job pertaining to picking up field co-ordinates, preparation of DGPS survey maps, KML file shall be done by us if you desire. This has also been assured by our representative during joint site inspection carried out on 01.02.2021& 16.02.2021.	MoEFCC guideline No.11-246-2014-FC Dated 04th July 2014 may please be referred.

Contd….. to Page 2

2	Details of vulnerability of forest area to erosion due to project for which digital elevation model maps and hydrological maps are required. Further robust soil and moisture conservation works proposed in the area proposed for diversion along with the detailed construction/land use planis required to ensure protection of the adjoining areas, especially NH10 and banks of river Teesta.	The six patches of forest land which were proposed for diversion are to be used for various purposes, such as muck dumping yard (3 patches), Station building and Staff quarters (2 Patches) and 1 patch for development of infrastructure for Railway. The sites have been jointly inspected by you and there is no such issue of erosion of forest area. Gabion wall shall be constructed all along to contain the muck in the designated areas and area identified for infrastructure development area. Properly designed earth retaining structures will be constructed at Station building, Staff quarter area so that these public assets remain functional for their design life circle.	The areas vulnerable to erosion has been taken care of by proper Shotcrete, gabion wall etc. Apart from that, site specific Soil moisture conservation plan if required shall be done in consultation with Forest Department.
3	Details of any construction work/land use within the High Flood Level (HFL) of Teesta River.	All six patches of forest land are not falling within the HFL. Station building and staff quarters are at high elevation along the proposed alignment of the project. Other locations are around the existing NH.	

Some of the drawing related to protection of hill slopes and photographs showing retaining wall erected at some places in the project for soil conservation is enclosed herewith for ready reference please.

You are requested to process the proposal for forest clearance at the earliest.

Thanking you,

24.2.21

(Vinod kumar Meena)
Dy. Chief Engineer/Con
N.F. Railway, New Jalpaiguri

Figure-1-: Erected gabion wall surrounding the periphery of muck disposal site.

Figure-2: Step-wise erection of Gabion wall surrounding the periphery of muck disposal site to provide slope stability.

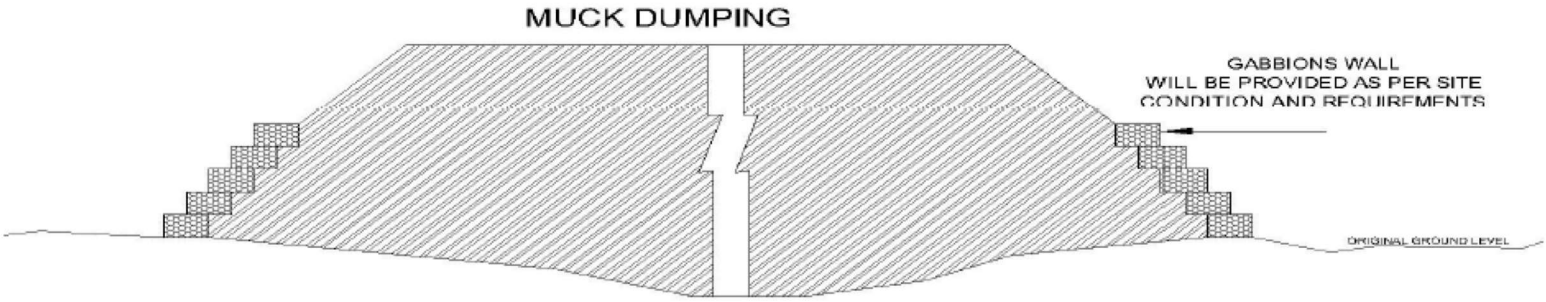

Figure-3-: Typical Gabion Wall Cross-section

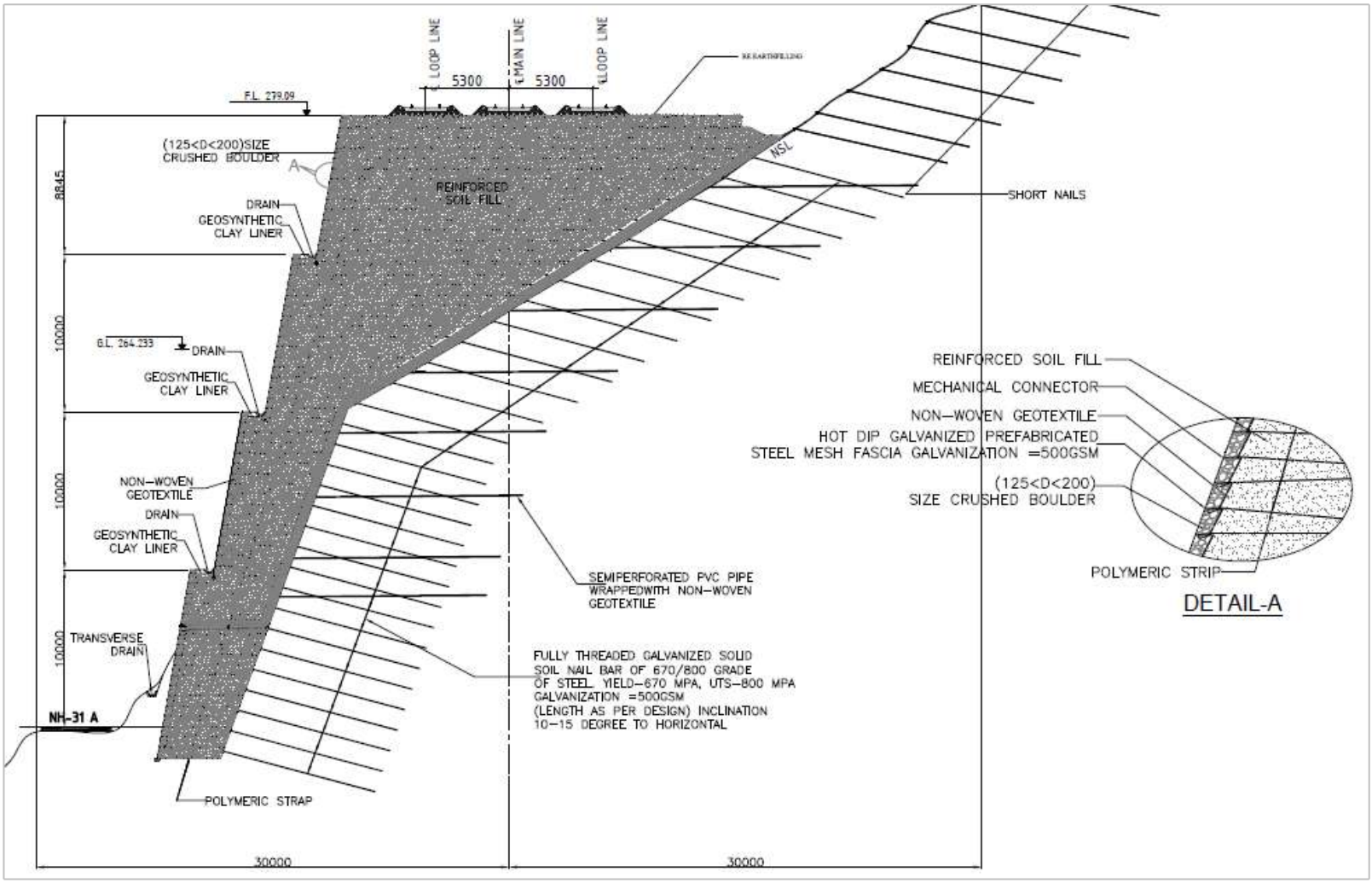

Figure-4: Typical Cross-section of proposed RE Wall at Melli Yard

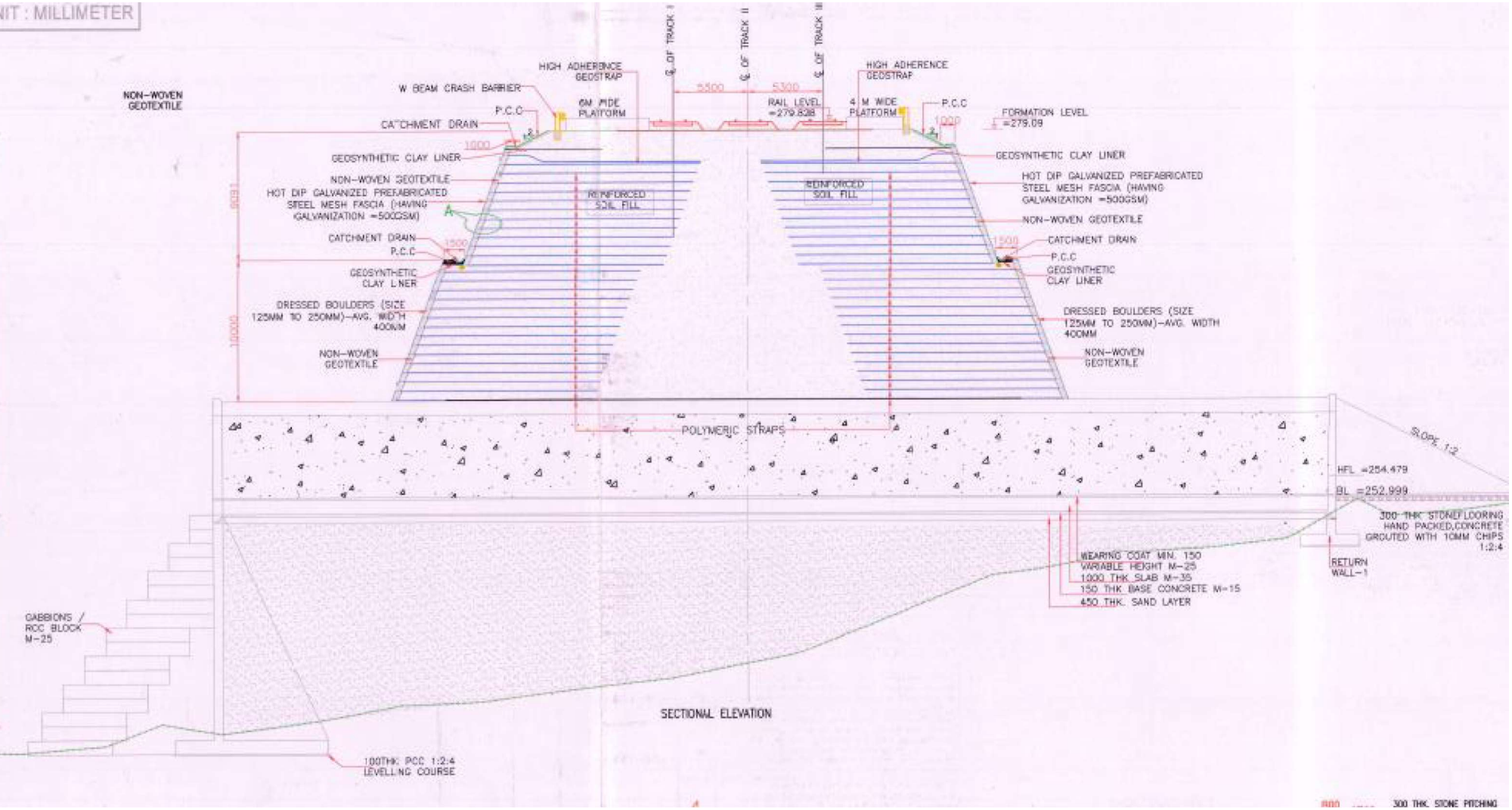

Figure-5: Typical Cross-section of proposed RCC BOX at Bridge- 11 in Melli Yard