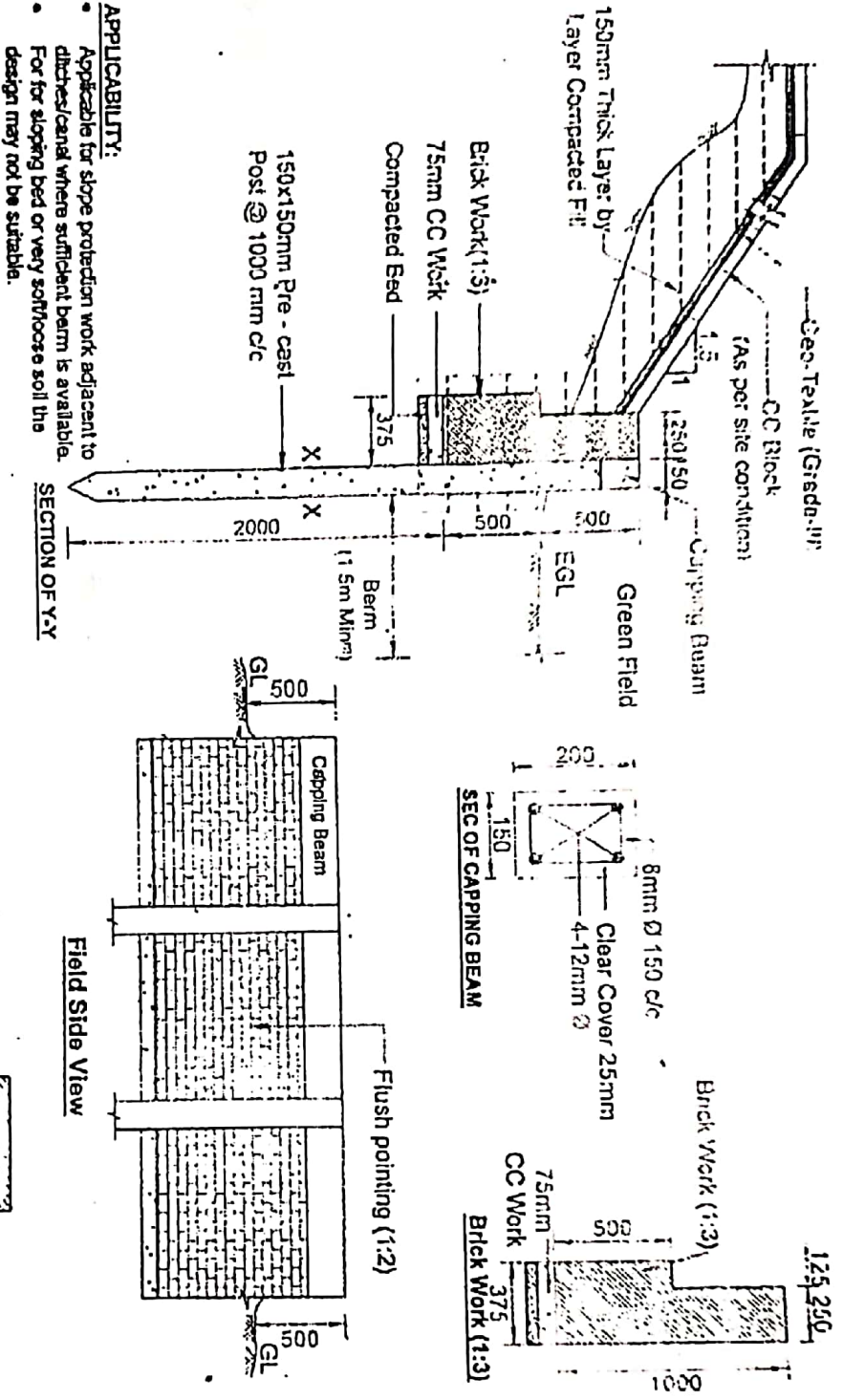


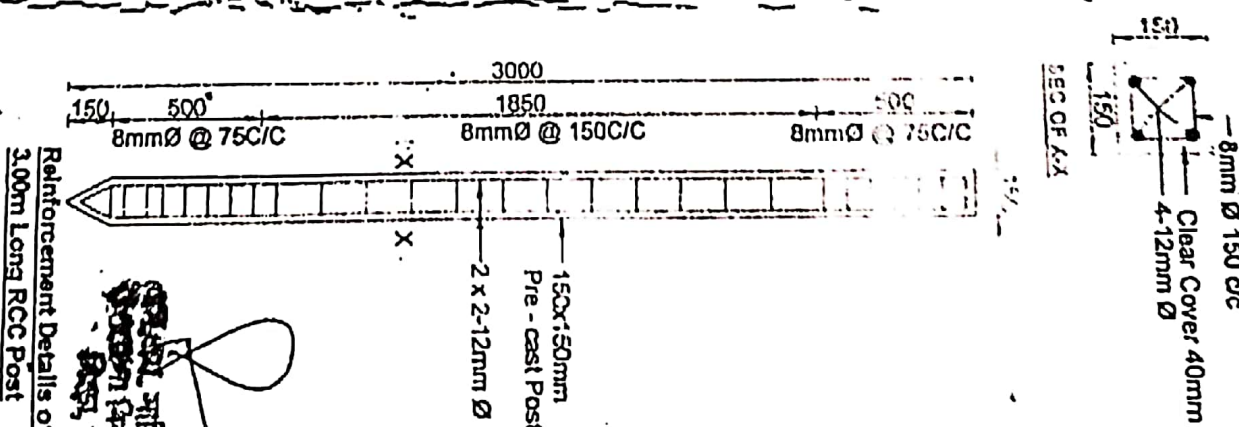
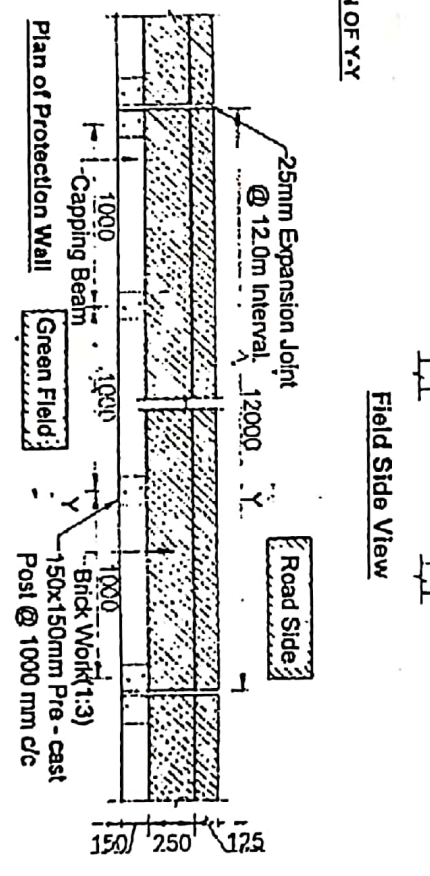
TOE WALL WITH MASONRY BRICK AND PRE-CAST RCC POST (BP-TW)



APPLICABILITY:

- Applicable for slope protection work adjacent to ditches/canal where sufficient berm is available.
- For sloping bed or very soft/loose soil the design may not be suitable.

- NOTES:**
- All dimensions are in mm (unless otherwise mentioned).
 - 28 day's Cylindrical Concrete Strength $f_c = 25$ MPa.
 - M5 Deformed bar ($f_y = 400$ MPa)
 - Expansion joint at 12.0m interval
 - Joint Filling in Brick Work (1:3)
 - Pre-cast post must be driven by drop hammer
 - Construction of the structure which is under water should be done by bailing out of water.

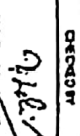


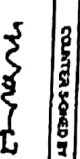
COMPONENT OF THE PROJECT REPORT/AC OF BANGALURU LOCAL GOVERNMENT ENGINEERING DEPARTMENT ADARSH, PERSADAVIJ, MUMBAI, BANGALURU

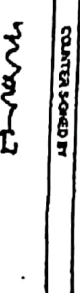
DESIGN ORGANIZATION
 DESIGN UNIT, LALITA ROAD & BUILDING DESIGN SECTION ROCC BUILDING (LEVEL: 01)
 PH: 9845281186/9845281187
 Email: ce@uapb.org

DESIGNED BY

 M.A. Hanish Husain
 CE, PD, CIVIL

CHECKED BY

 M.A. Hanish Husain
 ASST. P.E., CIVIL
 URBED 11110 CHIAI

COUNTER CHECKED BY

 M.A. Hanish Husain
 ASST. P.E., CIVIL
 URBED 11110 CHIAI

REINFORCEMENT DETAILS OF 3000mm LONG RCC POST


Local Government Engineering Department

Scheme Code : 33936-23-10001

Road Code :

Financial Year : 2022-2023

Name of the Scheme : project name: নাওভাসার চর মৌজায় মুজিব বর্ষের "ক" শ্রেণীর গৃহ নির্মাণের স্থানের উত্তর ও পূর্ব অংশে ব্রিক ওয়াল প্যালানাইডিং নির্মাণ।

Scheme Preparation Date : 14-Feb-2023

FY & Type of Rate : 2022-2023 (General)

District : JAMALPUR

Upazila : JAMALPUR-S


SL No	Item Code	Description of Work	Unit	Location / Component	Length	Width	Height / Depth	Area / Volume	No of Item	Total Qty of Works	Unit Rate	Amount
1	2	3	4	5	6	7	8	9	10	11	12	13

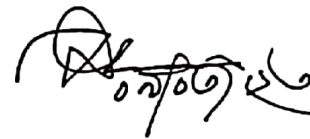
1. 3.11.33.02 Brick (BP-TW): Construction and Installation in position brick palisading work as per standard drawing enumerated in Appendix-6 (type design for protective work) with 375mm thick Brick Masonry work upto 500 mm height from bottom & rest 500 mm height 250mm thick Brick Masonry work and Pre cast RCC Post of 03 (three) meter long (150mmX150mm) and capping beam (200mmX150mm) using 20mm down graded crushed stone chips (LAA value not exceeding 30), sand (minimum FM 2.5) and cement conforming to BDS EN 197-1 : 2003 CEM-II/A-M 42.5N to attain a minimum 28 days cylinder crushing compressive strength 25.00 Mpa (mixing ratio 1:1.5:3 & maximum water cement ratio 0.4) as per standard practice of code AASHTO/ASTM including supplying, fabricating and binding of 400/420 Grade MS deformed bar of required size, length and spacing. The pre-cast post must be driven by suitable monkey/drop hammer in 5/6 th of its total length @ 1 m c/c into the ground laying on proper alignment. Brick Masonry work in cement mortar (1:3), filling the Interstices tightly with mortar, raking out joints, cleaning and soaking bricks at least for 24 hours before use, washing of sand, including flush pointing at front face of the brick wall with cement mortar (1:2), curing for requisite period, including excavating minimum 575mm depth foundation trenches for brick wall and laying one layer polythene sheet, casting 75mm thick cement concrete (1:3:6) below the 375 mm brick work by means approved designed including form work, etc. all complete in all respect as per approved drawing, specification and direction of the Engineer-In-charge. (Unit cost includes Brick wall, all casting work, reinforcement, its fabrication, shuttering, curing for 28 days, driving of the post, lab testing charges as per design and all other incidental charges, etc.) without capping beam

	500.000	m	500.000	1.00	500.000								
											500.000	6713.34	3356670.00

TOTAL SCHEME AMOUNT: 3,356,670.00

SAY: 3,356,670.00


মোঃ আরিফুর রহমান
 উপজেলা প্রকল্প বাস্তবায়ন কর্মকর্তা
 জামালপুর সদর, জামালপুর।



লিটুস লরেন্স চিরান
 উপজেলা নির্বাহী অফিসার
 জামালপুর সদর, জামালপুর।

In Word : Taka (Thirty-Three Lac Fifty-Six Thousand Six Hundred Seventy) Only

