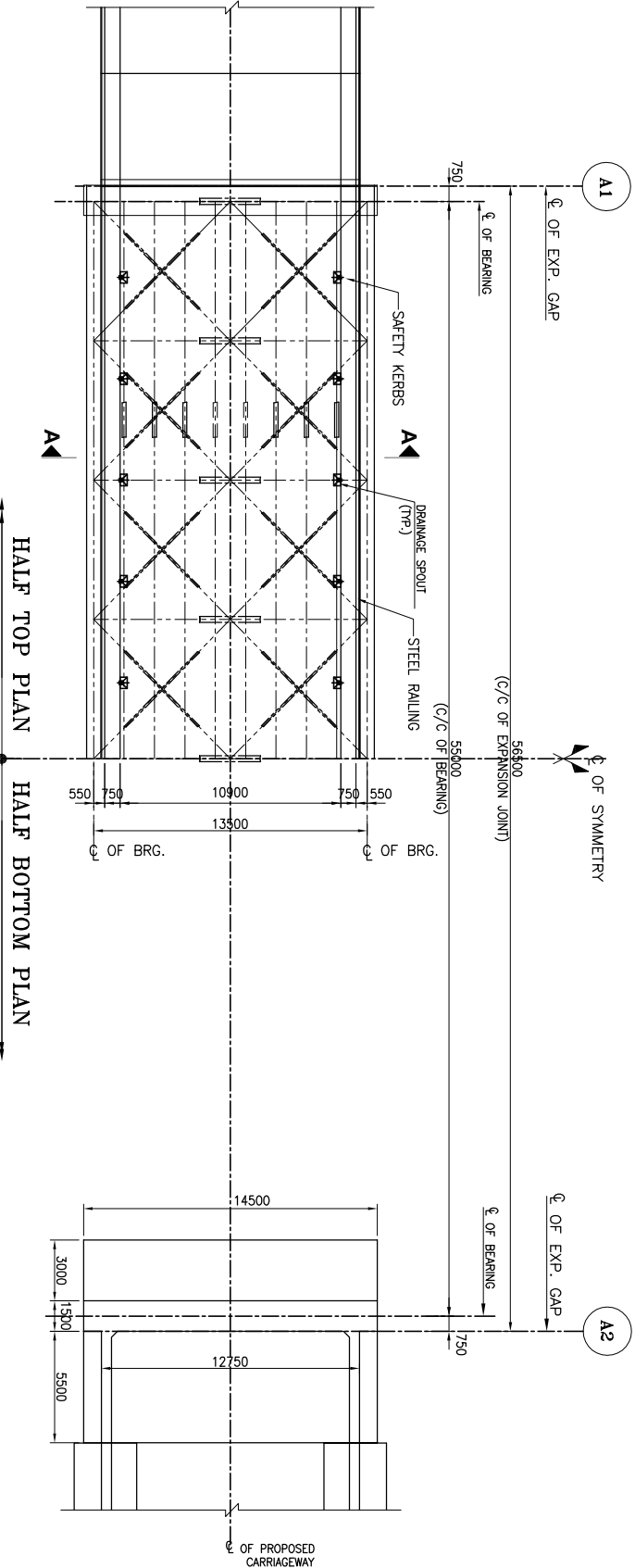


SECTIONAL ELEVATION
(SCALE:-1:250)

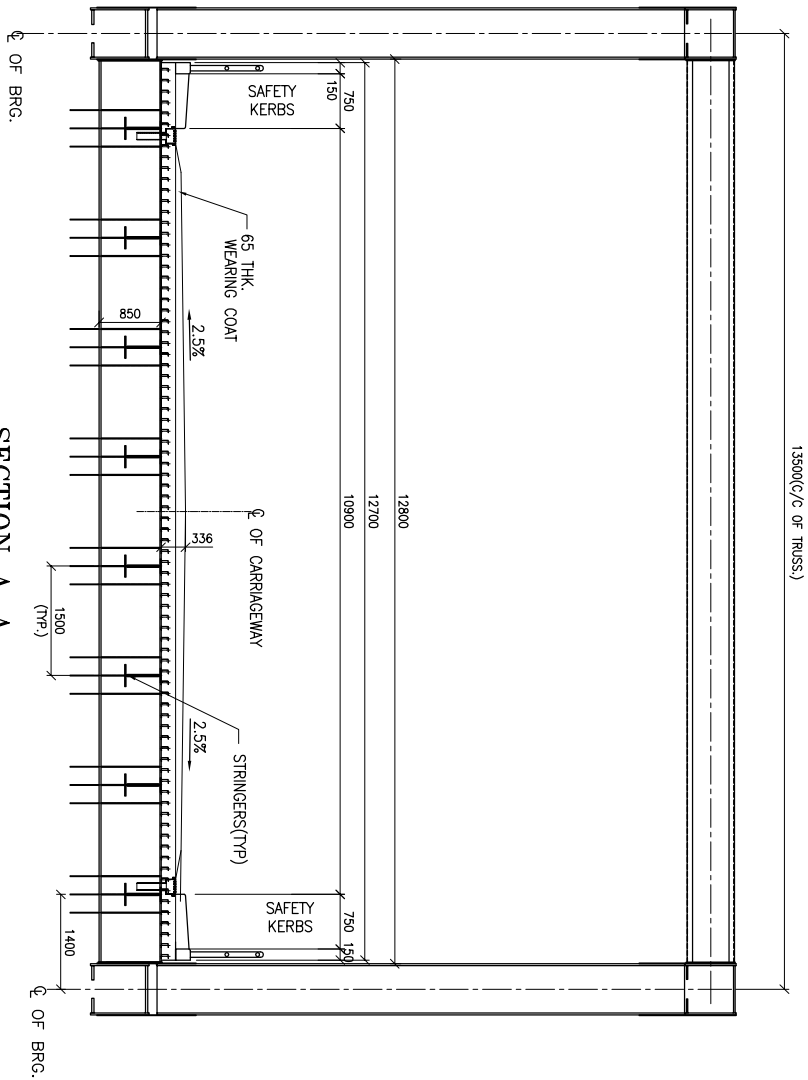


HALF TOP PLAN
HALF BOTTOM PLAN
P L A N
(SCALE:-1:250)

S.N.	CH: (Km.)	FRL (M.)	GR. LVL. (M.)
1	7+100	290.500	275.756
2	10+700	324.200	313.200

NOTES:-

- ALL DIMENSION ARE IN MILLIMETERS. LEVELS IN METRE AND CHANGES IN KILOMETRE UNLESS OTHERWISE MENTIONED. ONLY WRITTEN DIMENSION TO BE FOLLOWED.
- CONCRETE SHALL BE DESIGN MIX AND SHALL HAVE MINIMUM 28 DAYS CHARACTERISTIC STRENGTH ON 150mm CUBES FOR ALL ELEMENTS OF STRUCTURES AS INDICATED BELOW:
 - RCC CRASH BARRIER ---M40
 - CAST-IN-SITU DECK SLAB ---M40
 - SUBSTRUCTURE & FOUNDATION ---M35
 - APPROACH SLAB ---M30
 - PCC LEVELING COURSE ---M15
- STRUCTURE STEEL SHALL BE CONFORM TO IS: 2062-2011 E 250, GR-BR
- THE CARRIAGEWAY OF PROPOSED BRIDGE IS DESIGNED FOR 3 LANES OF IRC CLASS A OR ONE LANE OF IRC CLASS 70R +1 LANE OF CLASS A LOADING WHICHEVER GOVERNS.
- UNDESIGNED REINFORCING STEEL SHALL BE OF THERMO MECHANICALLY TREATED (TMT) BARS.(GRADE DESIGNATION Fe500) CONFORMING TO IS:1786
- 50mm THICK BITUMINOUS CONCRETE WEARING COAT SHALL BE PROVIDED.
- CLEAR COVER TO OUTERMOST STEEL SHALL BE AS BELOW:-
 - DECK SLAB (CAST IN-SITU) ---40mm
 - SUB-STRUCTURE (EARTH FACE) ---75mm
 - SUB-STRUCTURE (REAR FACE) ---40mm
 - FOUNDATION ---75mm
- STRIP SEAL TYPE EXPANSION JOINTS SHALL BE PROVIDED AS PER WORTH SPECIFICATIONS FOR ROAD AND BRIDGE WORKS.
- 100# WEEP HOLES SPACED AT 1000 C/C BOTH HORIZONTALLY AND VERTICALLY SHALL BE PROVIDED IN A STAGGERED MANNER IN VERTICAL WALLS, ABOVE GROUND LEVEL.
- BACK FILLING BEHIND ABUTMENT SHALL CONSIST OF SELECTED EARTH CONFORMING TO APPENDIX 6 OF IRC 7&2014 HAVING PROPERTIES $C = 0. \phi > 32^\circ$ AND $\gamma_d = 1.8 \text{ t/m}^3$.
- LAYING, COMPACTION AND EXTENT OF BACK FILL BEHIND ABUTMENTS AND RETURN WALLS SHALL CONFORM TO SPECIFICATIONS IN APPENDIX : 6 OF IRC : 7&-2014.
- 600 THICK FILTER MEDIA/GEOTEXTILE SHALL BE PROVIDED AS PER "WORTH" SPECIFICATION.
- ALL SPACE EXCAVATED AND NOT OCCUPIED BY THE FOUNDATION & OTHER PERMANENT WORK SHALL BE REFILLED WITH EARTH UP TO SURFACE OF SURROUNDING GROUND IN ACCORDANCE WITH SECTION 300 OF "WORTH" SPECIFICATION. IN CASE OF EXCAVATION IN ROCK, THE ANNULAR SPACE AROUND FOUNDATION SHALL BE FILLED WITH M15 PCC UP TO THE TOP OF ROCK.



SECTION A-A
(SCALE:-1:75)

Revision

Client:

CHIEF ENGINEER (NH), PUBLIC WORKS DEPARTMENT
(ROADS), CENTRAL ROAD BRANCH, SHILLONG,
MEGHALAYA

Consultant:



HOLTCC CONSULTING PRIVATE LIMITED
HOLTCC CENTRE, A BLOCK, SEIGHTON LK, BURBON, 12200 HARPAHA, NGA
PHONE : 01242385095, 2385094, FAX 01242385114, 2385116

Title :

GENERAL ARRANGEMENT DRAWING
1x55.0m SPAN BRIDGE AT CH. 7+080 KM. &
11+230KM.

Project Title :

CONSULTANCY SERVICES FOR DETAILED ENGINEERING / DETAILED PROJECT PREPARATION
FOR UPGRADEATION OF RAJIKOR-NONGHYLLAM-MAHESHIKOLA-BAGHMARA ROAD TO
2-LANE UNDER SARP-NE "PHASE-A" IN MEGHALAYA

Designed
NKL

Checked
GS

Approved
SG

Drawn
SSH

Scale
AS SHOWN

Date
JULY, 2018

Rev.
0

Sheet
0

Drawing No.
HOL/RMB/DPRI/10558/BR-TYP./02

Date
JULY, 2018

Rev.
0

Sheet
0