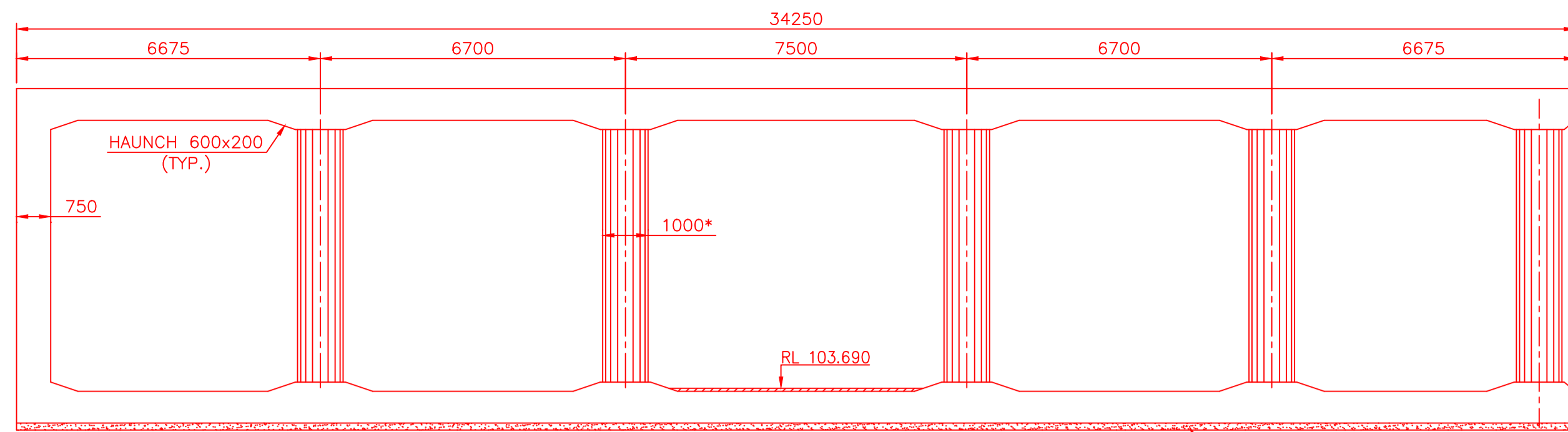
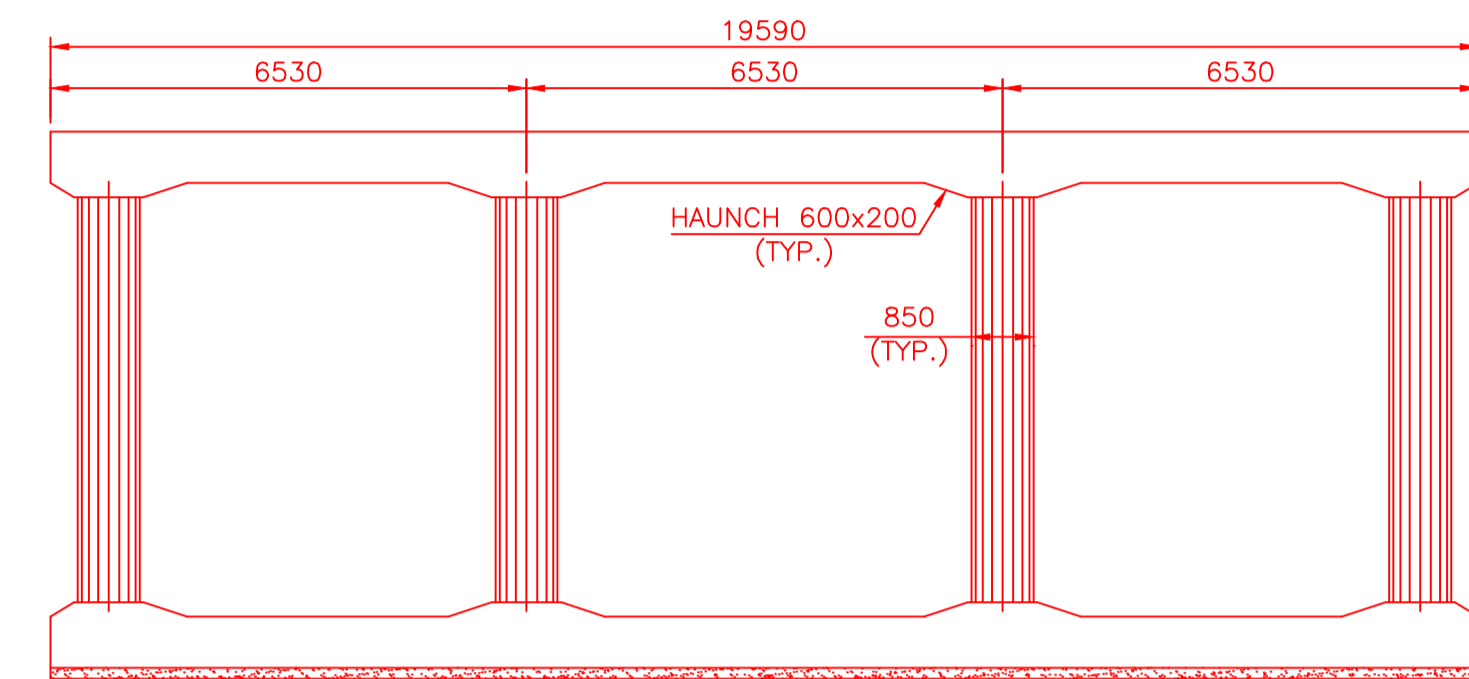


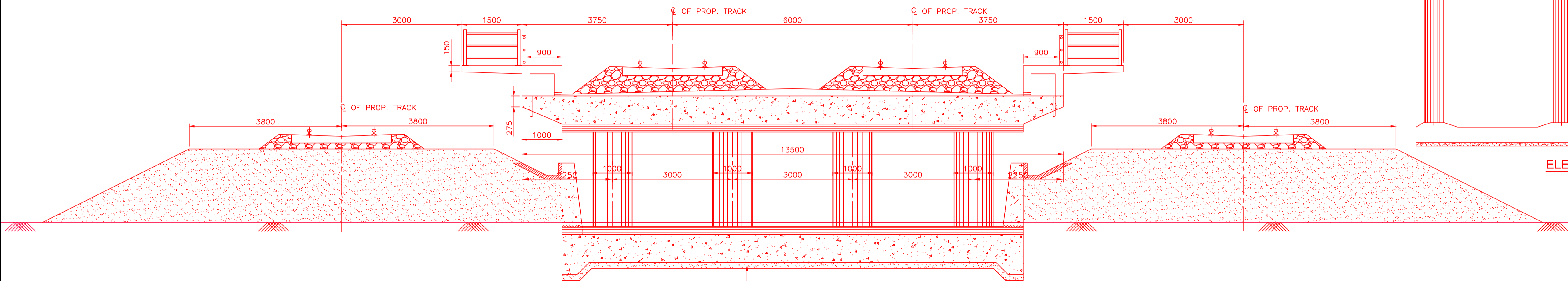
ELEVATION 5 CELL BOX (TYPICAL)
(SCALE 1:100)



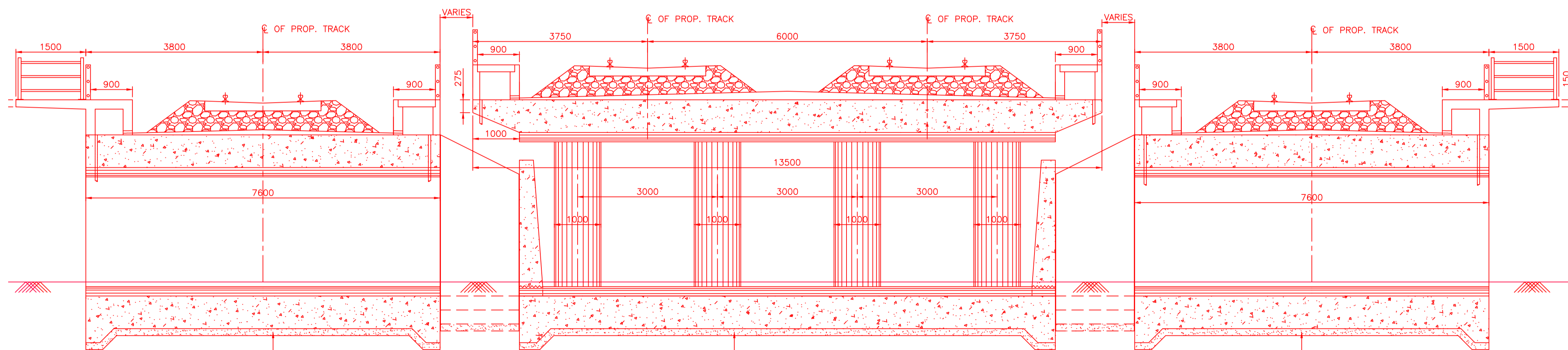
ELEVATION OF B1 CELL BOX
(SCALE 1:100)



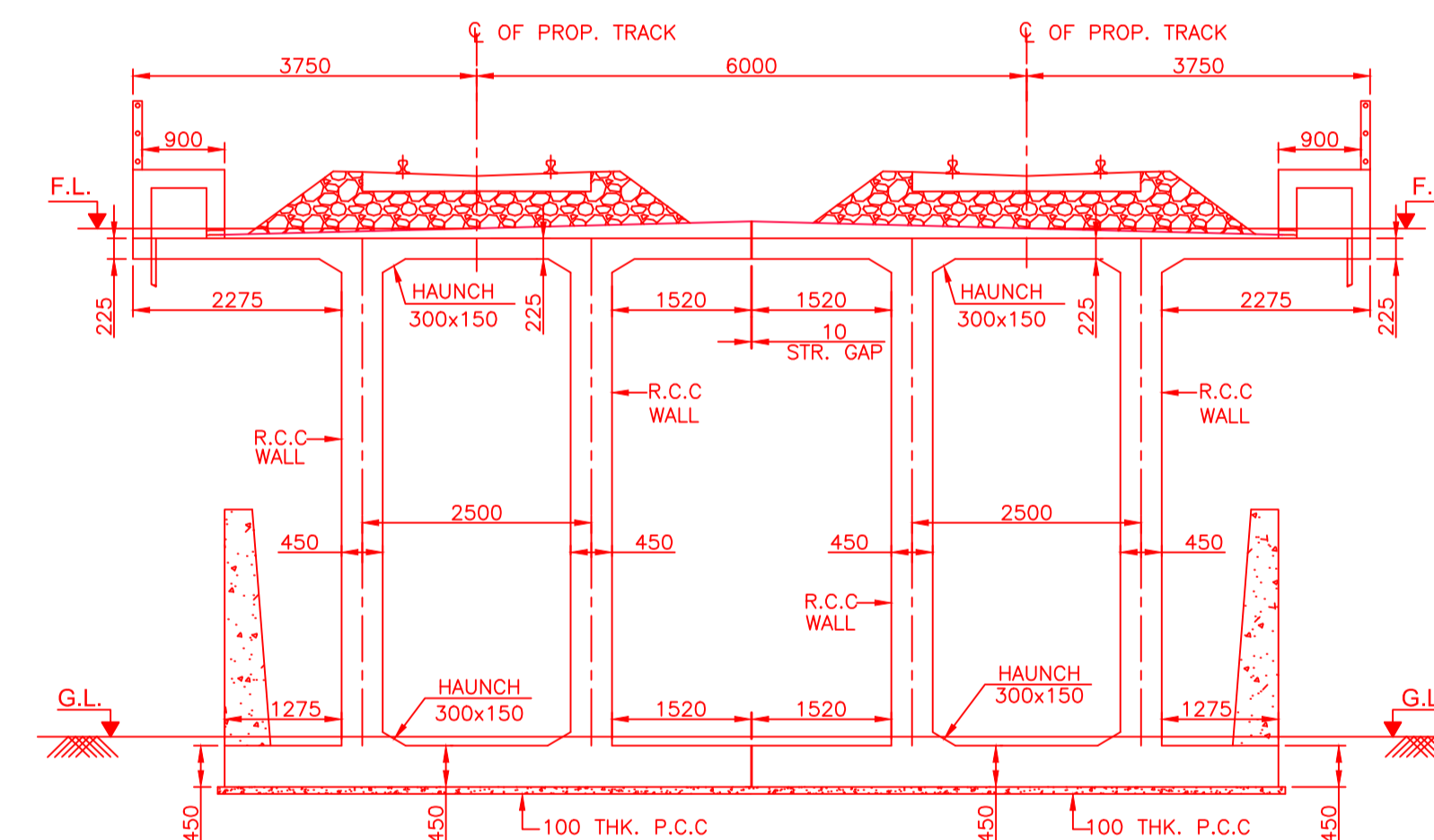
ELEVATION OF B4 CELL BOX
(SCALE 1:100)



CROSS SECTION A-A
(SCALE 1:50)



CROSS SECTION B-B
(SCALE 1:50)



SECTIONAL ELEVATION OF B35
(SCALE 1:60)

NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
- DIMENSIONS ARE NOT TO BE SCALED, ONLY WRITTEN DIMENSIONS ARE FOLLOWED.
- WEEP HOLES ARE OF 75/100mm DIA PVC PIPES STAGGERED @1000c/c HORIZONTALLY AND @1000mm, VERTICALLY THROUGH RETURN WALL.
- THE VIADUCT IS DESIGNED FOR MODERATE EXPOSURE CONDITION
- GRADE OF CONCRETE ARE DESIGN MIX AND 28 DAY CHARACTERISTIC STRENGTH OF VARIOUS COMPONENTS ARE AS UNDER:-
(a) RCC BOX /RETURN WALLM35 (b) BALLAST RETAINER /RCC TROUGHM30
(c) CURTAIN WALL /DROP WALLM25 (d) LEVELING COURSE (PCC)M20
- GRADE OF REINFORCEMENT STEEL Fe-500 CONFORMING TO IS 1786-2008
- FOR BOX MINIMUM CLEAR COVER TO REINFORCEMENT ARE 50MM.
- Ø VALUE FOR BACKFILL MATERIAL ARE NOT LESS THAN 35° BACKFILL MATERIAL BEHIND WALLS OF VIADUCT. RETURN WALLS ARE PROVIDED AS PER DFCC'S SPECIFICATION.
- ALL WORKS ARE TO BE CARRIED OUT AS PER THE FOLLOWING STANDARD & SPECIFICATION.
(a) IRS BRIDGE RULES.
(b) IRS CONCRETE BRIDGE CODE.
(c) IRS SUB STRUCTURE & FOUNDATION CODE.
(d) DFCC SPECIFICATIONS.
(e) IRS BRIDGE MANUAL.
- MAXIMUM LONGITUDINAL DEFLECTION AT RAIL LEVEL WITH BOTH TRACK LOADED UNDER BRAKING, ACCELERATION AND LWR FORCES IS 4.54mm WHICH FOLLOWS THE PERMISSIBLE LIMIT OF 5mm AS PER CL. 1.5.3 OF UIC774-3.
- S & T GEARS IN THE VISINITY OF THE PROPOSED STRUCTURE ARE SHIFTED.
- THE PROPOSED WORK ARE DONE UNDER THE SUPERVISION OF SSE/SIG/DO'S & SSE/T/SEB.

LEGEND:

TR ——— TROLLEY REFUGE

AS BUILT DRAWING

DRM/MGS PLAN NO.133-2016 (11/ 11)
DFCCIL DRG NO:- MGS/EN/ATEPL-MGCP/L/GAD-VIADUCT/191/ 11 (SHEET 11/ 11) / 2016

REV. NO.	DATE	STATUS	DESCRIPTION	DESIGNED	DRAWN	CHECK	DESIGN CONS. (PC.)
0	18.01.21	D	AS BUILT DRAWING	KSN	VKS	ASV	ASV



DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD. EASTERN CORRIDOR

(ASC Infratech Pvt. Ltd.)	ATEPL-MGCP/JV	RE	TL
PMC - RODIC CONSULTANTS PVT. LTD.			

CLIENT: DFCCIL DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD.	PROJECT NO: P151012
CONTRACTOR: ATEPL - MGCP JV	COP:
PROJECT: Design and Construction of Formation in Embankments/Cuttings including blanketing, Viaducts, Rail Flyover, Bridges (Major, Minor & RUBs), Supply and Spreading of Ballast and other related infrastructural works for double track electrified railway line on Design Build Lump Sum Basis from Howrah end approach of DFC Sone bridge to Chirailapathu station of IR towards Howrah & to New Sonnagar station towards Garhwa and at Dehri-on-Sone yard from Km. 3.16 to Km. 5.38 in connection with Eastern Dedicated Freight Corridor.	SCALE:
TITLE: GENERAL ARRANGEMENT DRAWING OF PROPOSED VIADUCT BETWEEN CHAINAGE : 0+520 TO 2+228 (G1) प्रस्तावित वायाडक्ट की सामान्य व्यवस्था ड्राइंग श्रृंखलानाम: 0+520 से 2+228 (G1) के बीच में	(SHEET 11 OF 11)
ASC INFRA TECH PVT LTD.	DRAWING NO: 1/VD/G1/0001/0

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