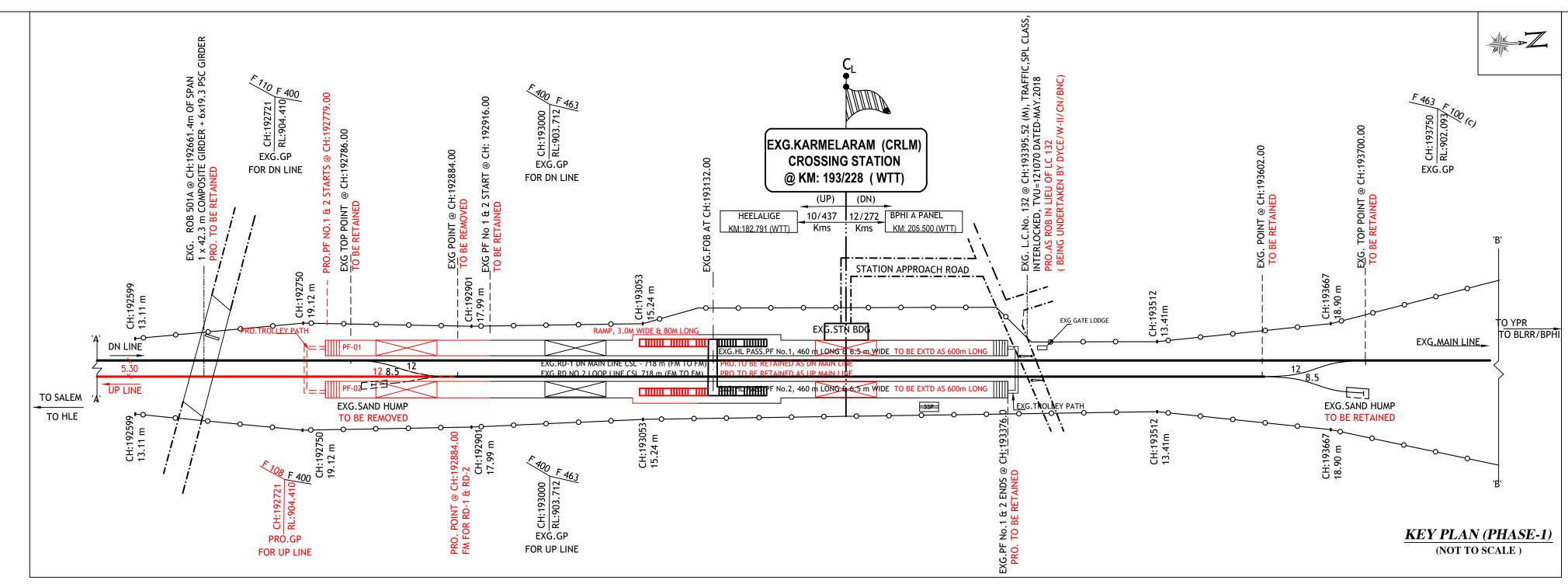


SLEEPER DENSITY		BALLAST CUSHION	
EXISTING	PROPOSED	EXISTING	PROPOSED
60 kg PSC (1660 NO'S)	EXG.TO BE RETAINED	350 mm	EXG.TO BE RETAINED
52 kg PSC (1540 NO'S)	EXG.TO BE RETAINED	250 mm	EXG.TO BE RETAINED
			350 mm
	EXISTING 60 kg PSC (1660 NO'S)	EXISTING PROPOSED 60 kg PSC (1660 NO'S) EXG.TO BE RETAINED	EXISTING PROPOSED EXISTING   60 kg PSC (1660 NO'S) EXG.TO BE RETAINED 350 mm



- . CHAINAGE ZERO (0.00) IS RECKONED FROM THE CENTRE LINE OF SALEM JUNCTION.
- BYPL-HSRA DOUBLING ESTIMATE VIDE No.B/CN/DL/CAO/177-2018/dated 02.08.2018.
- 3. THIS PLAN IS PROPOSED BASED ON COMPLETION DRAWING OF KARMELARAM
- 4. CRS SANCTION OF EXISTING YARD (CRLM) IS VIDE No.SG/SWR/B/3/2019-20.Dt:22.11.2019.
- 6. SINCE THE SECTION IS MADE FIT FOR 25T LOADING, THE EXISTING BRIDGES ARE CHECKED FOR CARRYING OUT FOR 25T LOADING, FOR WHICH NECESSARY CALCULATIONS HAVE BEEN
- 7. AS FAR AS POSSIBLE, THE EXISTING LCs IN THE YARD HAS BEEN ELIMINATED BY CONSTRUCTION OF ROB/RUB. HOWEVER, ELIMINATION OF LCs IS NOT INCLUDED IN BYPL-HSRA DETAILED ESTIMATE . & AS PER DIRECTION OF RAILWAY BOARD VIDE LETTER NO.2013/W-I/GenI./O/30 Pt-II,THE COMMISSIONING OF ROB/RUB SHALL NOT BE LINKED WITH DOUBLING PROJECT. HENCE, THE EXG.LC HAS BEEN RETAINED/EXTENDED AS PER THE
- 8. THE PROPOSED CONDONATION AND DETAILS OF TRACK STRUCTURE ARE MENTIONED IN A
- 9. THE RULING GRADIENT OF THIS SECTION IS 1 IN 100. AND GRADE COMPENSATION HAS BEEN

- 14. THIS PHASE PLAN SHALL BE READ IN CONJUNCTION WITH APPROVED MASTER PLAN OF KARMELARAM
- ALL THE WORKS PROPOSED IN CRLM WILL BE COMPLETED IN 2 PHASES AS SHOWN IN HQ SWR APPROVED MASTER PLAN OF CRLM, WHEREAS IN PHASE-I EXISTING CRLM WILL BE SHOWN AS CROSSING STATION AND

#### GENERAL NOTES:

- 1. STANDARD OF RAIL LOADING 25T AXLE LOAD-2008.
- 2. PROPOSALS (SCOPE OF WORK) ARE SHOWN IN CONTINUOUS RED.
- 3. EXISTING ARRANGEMENTS TO BE RETAINED ARE SHOWN IN CONTINUOUS BLACK.
- 4. EXISTING ARRANGEMENTS TO BE REMOVED ARE SHOWN IN BLACK DASH.
- 5. LAND BOUNDARY DISTANCES TO BE SHOWN AS CHAIN DOTTED IN BLACK .
- 6. NORTH DIRECTION INDICATED IN THE PLAN IS OF THE MAGNETIC NORTH.
- 7. ALL DIMENSIONS AND LEVELS (WITH RESPECT TO MSL) ARE IN METERS, UNLESS OTHERWISE SPECIFIED
- 8. LAND BOUNDARY DISTANCES SHOWN IN THE PLAN ARE THE PERPENDICULAR OFFSETS FROM THE EXG MAIN LINE CENTRE AND THE LOCATION OF STATION BUILDING ARE ONLY INDICATIVE. FOR ACCURATE MEASUREMENTS, RESPECTIVE LAND PLANS ARE TO BE VERIFIED.
- 9. SINCE THE EXG. DETAILS MENTIONED IN THE LATEST COMPLETION YARD PLAN ARE NOT MATCHING WITH THE DETAILS AVAILABLE AT SITE, THIS ESP HAS BEEN PREPARED BASED ON THE DETAILS PHYSICALLY COLLECTED FROM SITE BY FIELD OFFICIALS.
- 10. THE FEASIBILITY OF EXECUTION AS PER THIS PLAN SHALL BE CHECKED AT SITE BY ENGINEER-IN-CHARGE BEFORE TAKING UP THE WORK.
- 11. THE CHAINAGES AND EXISTING LEVELS GIVEN IN THE YARD PLAN ARE ACTUALLY MEASURED AND VERIFIED AT SITE.
- 12. THE MINIMUM HORIZONTAL AND VERTICAL DISTANCE AND OTHER DIMENSIONS SHALL BE PROVIDED AS PER IRSOD AND LATEST CORRECTION SLIPS TO IRSOD UNLESS OTHERWISE SPECIFIED.
- 13. THIS YARD PLAN IS PROCESSED FOR APPROVAL SUBJECTED TO MAINTAINING SAME LEVELS, ALIGNMENT, GRADE AND TRACK CENTRE DISTANCES SHOWN IN THIS PLAN AND AS THAT OF
- APPROVED WORKING SECTION / PLANS. 14. NECESSARY DRAINAGE ARRANGEMENTS TO SUIT SITE CONDITION WILL BE PROVIDED AS PER THE STANDARDS BY THE ENGINEER-IN-CHARGE.
- 15. PASSENGER AMENITIES AS PER RAILWAY BOARD'S LR.NO.2018/LM(PA)着 DATED 09.04.2018 AND RDSO GUIDELINES (WSC AGENDA ITEM NO. 004/01/05) AS PER ED/WORKS/RDSO VIDE LETTER NO. WKS/WS/05/FS DATED 16.01.2013 TO BE PROVIDED.
- 16. PASSENGER AMENITIES FOR DIVYANGJAN SHALL BE PROVIDED AS PER RAILWAY BOARD'S LR NO.2012/LM(PA)/08/04/POLICY/Pwds dt.06-06-2013.
- 17. ALL PLATFORMS SHOULD BE CONSTRUCTED AS PER RAILWAY BOARD LETTER NO.2013/W-I/GENL/0/30/PT-II. DT:25.02.2020.
- 18. THE ENGINEER-IN-CHARGE AT SITE SHOULD ENSURE TRACK CENTERS AS SHOWN ON CURVES DULY TAKING CARE OF SHIFT AND ALL OTHER ALLOWANCES.
- 19. VERTICAL CLEARANCE FOR THE PROPOSED FOB IS 6.525 m ABOVE RAIL LEVEL. 20. FOR CHANGE OF GRADIENTS IN THE YARDS, PROPER VERTICAL CURVE SHALL BE DESIGNED AND ACCORDINGLY PROVIDED.
- 21. THE EXISTING TRACK COMPONENTS SUCH AS SEJS, TRAPS, GLUED JOINTS, NON-STANDARD RAILS, SLEEPERS ETC. SHALL BE REPLACED WITH PROPOSED TRACK STANDARDS MENTIONED IN THIS PLAN.
- 22. ALL STANDARD AND CONVENTIONAL APPROVED DRAWINGS SHALL BE ADOPTED FOR VARIOUS PASSENGER AMENITIES, TRACK WORKS, BRIDGE WORKS, BUILDING WORKS, S&T WORKS, ELECTRICAL WORKS ETC., UNLESS OTHERWISE SPECIFIED.
- 23. REGRADING PLAN BEING ADOPTED, IF ANY, SHALL BE REFERRED IN THE ESP UNDER PROCESS.
- 24. THE UNDERGROUND CABLE ETC., IF ANY, SHALL BE REMOVED AND RE ALIGNED BEFORE THE STARTING OF THE WORK, S&T CABLES SHALL BE PROPERLY PROTECTED AND ALL PRECAUTIONARY MEASURES MUST BE TAKEN ACCORDING TO TELECOMMUNICATIONS CIRCULAR NO.17/2013 ISSUED BY RAILWAY BOARD VIDE LETTER NO.2003/TELE/RCIL/I/PT, IX DATED24.06.2013.
- 25. BEFORE AND DURING EXECUTION OF WORK, CONCERNED OPEN LINE OFFICIALS SHOULD BE CONSULTED IN CONNECTION WITH WORKS AFFECTING THE EXISTING FACILITIES.

## SIGNATURE COLUMN

K RIDE		
JGM/ELE/PROJECTS	Aman Katyal Digitally signed by Aman Katyal Date:2021.09.07 03:24:23 +05'30'	
AGM/CIVIL/PROJECTS	Nabin Chandra Patra Digitally signed by Nabin Chandra Patra Date:2021.09.21 02:47:32 +05'30'	
GM/SNT/PROJECTS	SOWPATI NAGESWARARAO Digitally signed by SOWPATI NAGESWARARAO Date:2021.09.07 11:09:28 +05'30'	
GM/CIVIL/PROJECTS	PRAVEEN KUMAR Digitally signed by PRAVEEN KUMAR Date:2021.09.21 02:46:08 +05'30'	

DIVISION -SBC				
Sr.DEN/Co-ord/SBC	PERVESH KUMAR Digitally signed by PERVESH KUMAR Date:2021.09.22 11:16:30 +05'30'			
DEN/South/SBC	HISAM UDDIN Digitally signed by HISAM UDDIN Date:2021.09.22 10:55:22 +05'30'			
Sr.DOM/SBC	Akhil M Shastary Digitally signed by Akhil M Shastary Date:2021.09.24 03:03:31 +05'30'			
Sr.DEE/TRD/SBC	Gaurang Gupta Digitally signed by Gaurang Gupta Date:2021.09.23 12:13:14 +05'30'			
Sr.DCM/SBC	Dr.A.N.Krishna Reddy Digitally signed by Dr.A.N.Krishna Reddy Date:2021.09.22 06:04:33 +05'30'			
Sr.DSTE/SBC	P S ALAWA Digitally signed by P S ALAWA Date:2021.09.21 05:12:18 +05'30'			
ADRM/T/SBC	LAKSHMAN SINGH Digitally signed by LAKSHMAN SINGH Date:2021.09.23 11:18:03 +05'30'			
DRM/SBC	SHYAM SINGH Digitally signed by SHYAM SINGH Date:2021.09.27 03:33:00 +05'30'			

HEAD QUARTERS- SWR		
CTPM/SWR		
CPDE/SWR		

## SOUTH WESTERN RAILWAY

#### RAIL INFRASTRUCTURE DEVELOPMEN K RIDE **COMPANY (KARNATAKA) LIMITE**

# **BENGALURU DIVISION**

## SALEM - YESVANTPUR SECTION

DOUBLING OF BG TRACK BETWEEN BAIYAPPANAHALLI 'A' PANEL AND HOSUR STATIONS PROPOSED YARD ARRANGEMENTS AT

### KARMELARAM

PHASE PLAN - I				
SCALE - 1 : 1000	HQ DRG.NO:SWR/W.573/ESP/CRLM/PP-1/KRIDE/73/SEPT-2021			