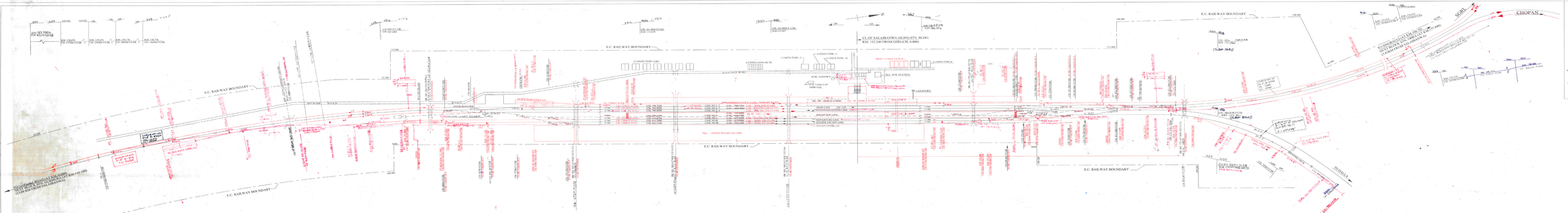


GRADIENT DETAIL OF TRACK UP TO 2.80 KM. FROM CENTER LINE OF STATION ON EITHER SIDE.

| FROM | TO | FROM KM. | TO KM. | TOTAL KM | GRADE |
|---|---|---|---|---|---|
| GMN | SLBN | 127.972 | 128.879 | 0.891 | RISE 1.IN.200 |
| GMN | SLBN | 128.879 | 129.679 | 0.806 | LEVEL |
| GMN | SLBN | 129.679 | 130.176 | 0.500 | FALL 1.IN.100 |
| GMN | SLBN | 130.176 | 130.776 | 0.600 | RISE 1.IN.200 |
| GMN | SLBN | 130.776 | 131.491 | 0.676 | RISE 1.IN.2.8 |
| GMN | SLBN | 131.491 | 131.879 | 0.419 | RISE 1.IN.1.6 |
| GMN | SLBN | 131.879 | 132.0.97 | 0.218 | RISE 1.IN.0.6 |
| GMN | SLBN | 132.097 | 132.240 | 0.143 | FALL 1.IN.143 |
| SLBN | ORBA | 132.240 | 132.768 | 0.528 | FALL 1.IN.528 |
| SLBN | ORBA | 132.768 | 132.8430 | 0.7487 | FALL 1.IN.106 |
| SLBN | ORBA | 132.843 | 133.315 | 0.472 | FALL 1.IN.472 |
| SLBN | ORBA | 133.315 | 134.412 | 1.119 | FALL 1.IN.1.12 |
| SLBN | ORBA | 134.412 | 135.666 | 1.213 | FALL 1.IN.400 |
| SLBN | ORBA | 135.666 | 136.396 | 0.621 | RISE 1.IN.1.05 |

EXISTING TRACK STRUCTURE

| SL NO | NAME OF LINE | RAIL | SLEEPER | CUSHION |
|---|---|---|---|---|
| 1. | LINE NO. 1 | 52Kg. | PSC | <100MM |
| 2. | LINE NO. 2 | 52Kg. | PSC | 12MM |
| 3. | LINE NO. 3 | 90R. | CST9+S/T | <100MM |
| 4. | LINE NO. 4 | 90R. | CST9+S/T | <100MM |
| 5. | LINE NO. 5 | 90R. | CST9 | <100MM |
| 6. | LINE NO. 6 | 90R. | CST9 | <100MM |
| | LINE NO. 7 | 90R. | CST9 | <100MM |

DETAILS OF LC/UP BLOCK SECTION SIGNALLING DATA

| S.N. | LC NO. | KM. | BLOCK SECTION | TYPE OF SIGNALLING | SPACE | MODE OF WORKING | REMARKS |
|---|---|---|---|---|---|---|---|
| 1. | 77/67 | 143/61 | W SLBN - BALL | BALL | SPACE | MANUAL WITH TELEPHONE BETTER WITH APPROVAL | |

LEGEND:
1. EXISTING WORKS SHOWN IN
2. EXISTING WORKS TO BE DISMENTALLED SHOWN IN
3. PROPOSED WORKS SHOWN IN

PROPOSED TRACK STRUCTURE :-

| LINE NO. | RAIL | SLEEPER | CUSHION |
|---|---|---|---|
| MAIN LINE | 60Kg. | PSC | 12MM |
| LOOP LINE | 60Kg. | PSC - 1540 | 12M |

INFRINGEMENT TABLE

| | NAME OF STRUCTURE AFFECTED WITH DIMENSION | CHAINAGE OF PROPOSED DEMOLISHED | DETAILS OF DIMENSION INFRINGING: MAXIMUM NORMAL DEPTH (M) | EXISTING ACTUAL DIMENSION | AMOUNT OF INFRINGEMENT | ITEM NO. OF NOTIFICATION |
|---|---|---|---|---|---|---|
| 1 | GRADIENT WITHIN STATION S.A(SLBN) END | KM.134.500 TO 137.132 (2.632 KM) | 1.5% (0.0039m) | 1% (0.0026m) | 0.0013m | 10 (0.0013m) |
| 2 | GRADIENT WITHIN STATION S.A(SLBN) END | KM.132.000 TO 132.500 (0.500 KM) | 1.5% (0.0039m) | 1% (0.0026m) | 0.0013m | 2(0.0013m) |

PROPOSED WORKS :
1. CHANGE OF GRADIENT WITHIN STATION S.A(SLBN) END
2. CHANGE OF GRADIENT WITHIN STATION S.A(SLBN) END

NOTE:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SHOWN.
2. NOTE: ALL WORKS WITH SOLAR PANEL OR ENGINE BATTERY WORK & OTHER WORK WILL BE PROVIDED AS EXTENSION OF EXISTING STATION BUILDING AS PER DRG NO.EC/S&T/TYP DRG/221/2010 SHEET 1 OF 2.
3. ALL DIMENSIONS ARE TO BE TAKEN FROM ACTUAL SITE OF THE PURPOSE.
4. ANY DEVIATION IS NOT ALLOWED WITHOUT PRIOR APPROVAL OF THE ADDL. DRM (P) KHARAGPUR.
5. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SHOWN.
6. PROPOSED ADDITIONAL SIGNALS PROVIDED AS PER RDSO SPEC NO. RDSO/SPN/TC/01/2010 (SIGNALLING & INTERLOCKING OF MAIN LINE & LOOP LINE).

THIS DRG. SUPERSEDE ALL PREVIOUS APPROVED PLAN.

| | | |