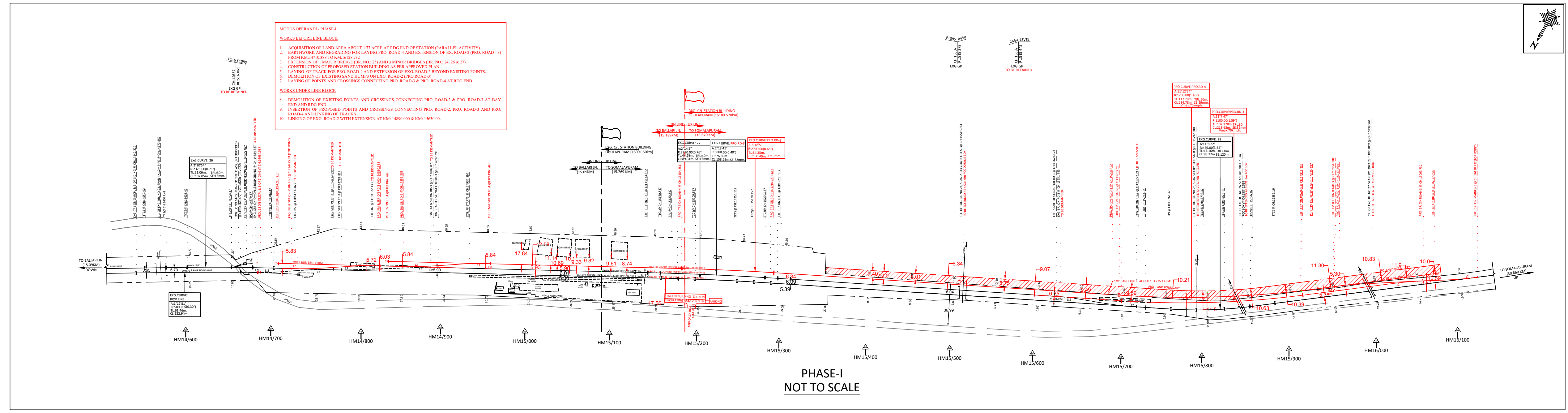
EXG GP
TO BE RETAINED
CH:14657
RL:516.061
CH:15507
RL:515.278
CH:15582
RL:515.445
PRO. C/L STATION BUILDING
OBULAPURAM (15189.570km)
EXG. C/L STATION BUILDING
OBULAPURAM (15091.50km)
DN LINE
UP LINE
TO BALLARI JN. (15.189KM)
TO SOMALAPURAM (15.670 KM)
TO BALLARI JN. (15.09KM)
TO SOMALAPURAM (15.769 KM)
EXG.CURVE: 26
A:2°30'54"
R:2325.00(0.75°)
TL:51.06m. TRL:50m.
CL:102.05m. SE:15mm.
EXG.CURVE: 27
A:2°14'5"
R:2290.00(0.76°)
TL:44.68m. TRL:40m.
CL:89.31m. SE:15mm.
EXG.CURVE: PRO.RD-3
A:2°18'41"
R:3800.00(0.40°)
TL:76.69m.
CL:153.29m.SE:32mm.
PRO.CURVE:PRO.RD-4
A:2°18'5"
R:2700.00(0.65°)
TL:54.25m.
CL:108.45m.SE:13mm.
PRO.CURVE:PRO. RD-5
A:2°18'5"
R:2700.00(0.65°)
TL:54.23m.
CL:108.66m.SE:13mm.
PRO.CURVE:PRO.RD-4
A:11°12'24"
R:1200.00(1.46°)
TL:117.78m. TRL:20m.
CL:234.78m. SE:29mm.
Vmax:70kmph.
PRO.CURVE:PRO.RD-3
A:11°7'47"
R:1100.00(1.59°)
TL:107.178m. TRL:30m.
CL:213.68m. SE:32mm.
Vmax:70kmph.
EXG.CURVE: 28
A:11°8'22"
R:479.00(3.65°)
TL:47.16m. TRL:60m.
CL:93.12m.SE:120mm.
PRO.CURVE:PRO.RD-5
A:11°12'24"
R:1200.00(1.46°)
TL:117.78m. TRL:20m.
CL:231.34m. SE:29mm.
Vmax:70kmph.
EXG.CURVE:
BIOP LINE
A:1°12'51"
R:5800.00(0.30°)
TL:61.46m.
CL:122.90m.
PRO.CURVE:PRO.RD-1
A:2°13'7"
R:2700.00(0.76°)
TL:44.34m.
CL:88.67m. SE:13mm.
TO BALLARI JN. (15.09KM) DOWN
TO SOMALAPURAM (30.860 KM) UP
MAIN LINE
OMCPL & BIOP SIDING LINE
ROAD
PRO. LAND TO BE ACQUIRED 840 SQ.MT
PRO. LAND TO BE ACQUIRED 18532 SQ.MT
PRO. LAND TO BE ACQUIRED 7150SQ.MT
PRO. LAND TO BE ACQUIRED 4075 SQ.MT
PRO. LAND BOUNDARY
APPROACH ROAD 10 M WIDE
OVER RUN LINE 120M
PRO. GOODS PLATFORM 733M LONG & 20M WIDE
PRO. HL PASSENGER PF 400M LONG & 6 M WIDE
STATION BUILDING 300 SQM
CIRCULATING AREA 200 SQM
PARKING
APPROACH ROAD 10M WIDE
QUARTERS 1
QUARTERS 2
QUARTERS 3
QUARTERS 4
QUARTERS 5
FENCE AND C.WALL
GATE
TOOL ROOM
SAND HUMP
HM14/600
HM14/700
HM14/800
HM14/900
HM15/000
HM15/100
HM15/200
HM15/300
HM15/400
HM15/500
HM15/600
HM15/700
HM15/800
HM15/900
HM16/000
HM16/100
MASTER PLAN
SCALE 1:1000

LAND ACQUISITION
PHASE-I : 7150 SQMT : 1.77 ACRE
PHASE II : 23450 SQMT : 5.79 ACRE
TOTAL AREA TO BE ACQUIRED : 7.56 ACRE



MODUS OPERANDI - PHASE-I

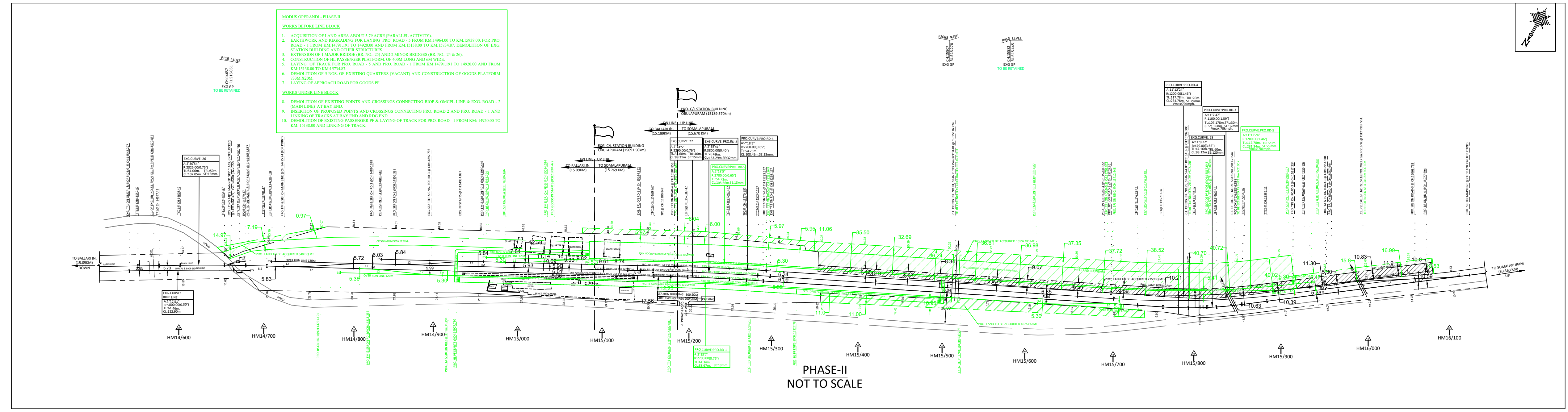
WORKS BEFORE LINE BLOCK

1. ACQUISITION OF LAND AREA ABOUT 1.77 ACRE AT RDG END OF STATION (PARALLEL ACTIVITY).
2. EARTHWORK AND REGRADING FOR LAYING PRO. ROAD-4 AND EXTENSION OF EX. ROAD-2 (PRO. ROAD - 3) FROM KM.14710.388 TO KM.16128.732
3. EXTENSION OF 1 MAJOR BRIDGE (BR. NO.: 25) AND 3 MINOR BRIDGES (BR. NO.: 24, 26 & 27).
4. CONSTRUCTION OF PROPOSED STATION BUILDING AS PER APPROVED PLAN.
5. LAYING OF TRACK FOR PRO. ROAD-4 AND EXTENSION OF EXG. ROAD-2 BEYOND EXISTING POINTS.
6. DEMOLITION OF EXISTING SAND HUMPS ON EXG. ROAD-2 (PRO.ROAD-3)
7. LAYING OF POINTS AND CROSSINGS CONNECTING PRO. ROAD-3 & PRO. ROAD-4 AT RDG END.

WORKS UNDER LINE BLOCK

8. DEMOLITION OF EXISTING POINTS AND CROSSINGS CONNECTING PRO. ROAD-2 & PRO. ROAD-3 AT BAY END AND RDG END.
9. INSERTION OF PROPOSED POINTS AND CROSSINGS CONNECTING PRO. ROAD-2, PRO. ROAD-3 AND PRO. ROAD-4 AND LINKING OF TRACKS.
10. LINKING OF EXG. ROAD-2 WITH EXTENSION AT KM: 14890.000 & KM: 15630.00.

PHASE-I
NOT TO SCALE



MODUS OPERANDI - PHASE-II

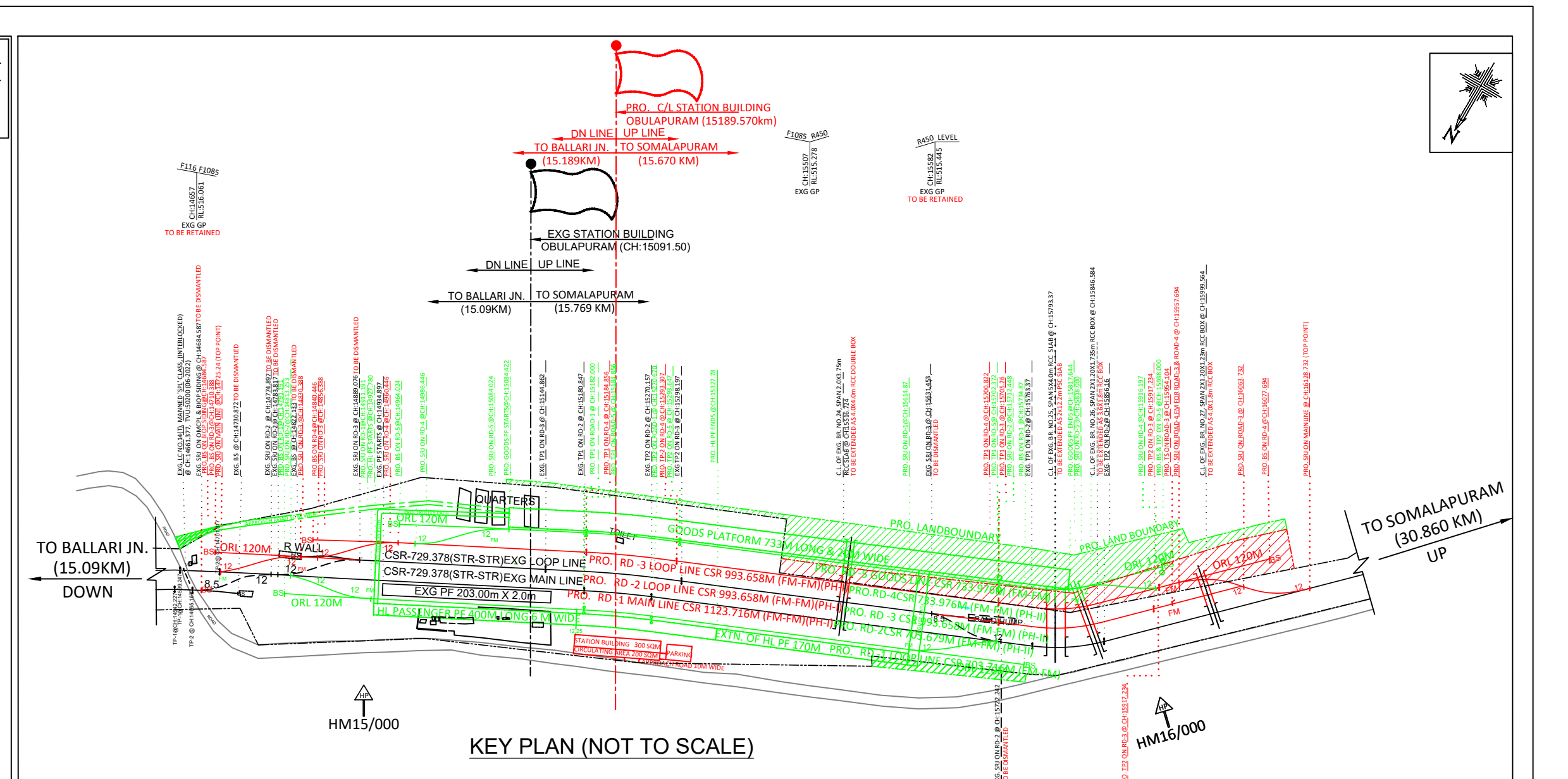
WORKS BEFORE LINE BLOCK

1. ACQUISITION OF LAND AREA ABOUT 5.79 ACRE (PARALLEL ACTIVITY).
2. EARTHWORK AND REGRADING FOR LAYING PRO. ROAD - 5 FROM KM.14964.00 TO KM.15938.00, FOR PRO. ROAD - 1 FROM KM:14791.191 TO 14920.00 AND FROM KM:15138.00 TO KM:15734.87. DEMOLITION OF EXG. STATION BUILDING AND OTHER STRUCTURES.
3. EXTENSION OF 1 MAJOR BRIDGE (BR. NO.: 25) AND 2 MINOR BRIDGES (BR. NO.: 24 & 26).
4. CONSTRUCTION OF HL PASSENGER PLATFORM. OF 400M LONG AND 6M WIDE.
5. LAYING OF TRACK FOR PRO. ROAD - 5 AND PRO. ROAD - 1 FROM KM:14791.191 TO 14920.00 AND FROM KM:15138.00 TO KM:15734.87.
6. DEMOLITION OF 5 NOS. OF EXISTING QUARTERS (VACANT) AND CONSTRUCTION OF GOODS PLATFORM 733M X20M.
7. LAYING OF APPROACH ROAD FOR GOODS PF.

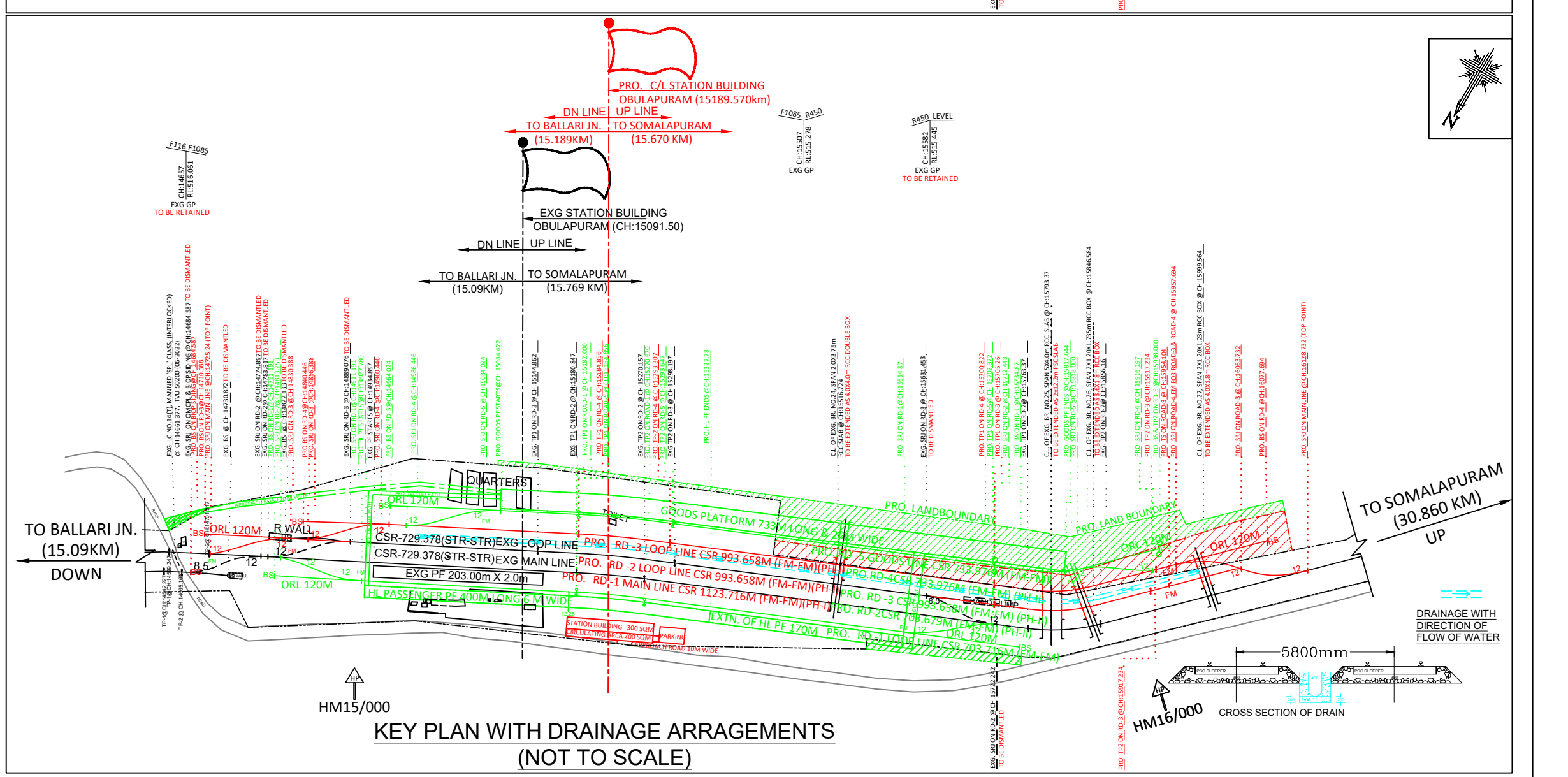
WORKS UNDER LINE BLOCK

8. DEMOLITION OF EXISTING POINTS AND CROSSINGS CONNECTING BIOP & OMCPL LINE & EXG. ROAD - 2 (MAIN LINE) AT BAY END.
9. INSERTION OF PROPOSED POINTS AND CROSSINGS CONNECTING PRO. ROAD 2 AND PRO. ROAD - 1 AND LINKING OF TRACKS AT BAY END AND RDG END.
10. DEMOLITION OF EXISTING PASSENGER PF & LAYING OF TRACK FOR PRO. ROAD - 1 FROM KM: 14920.00 TO KM: 15138.00 AND LINKING OF TRACK.

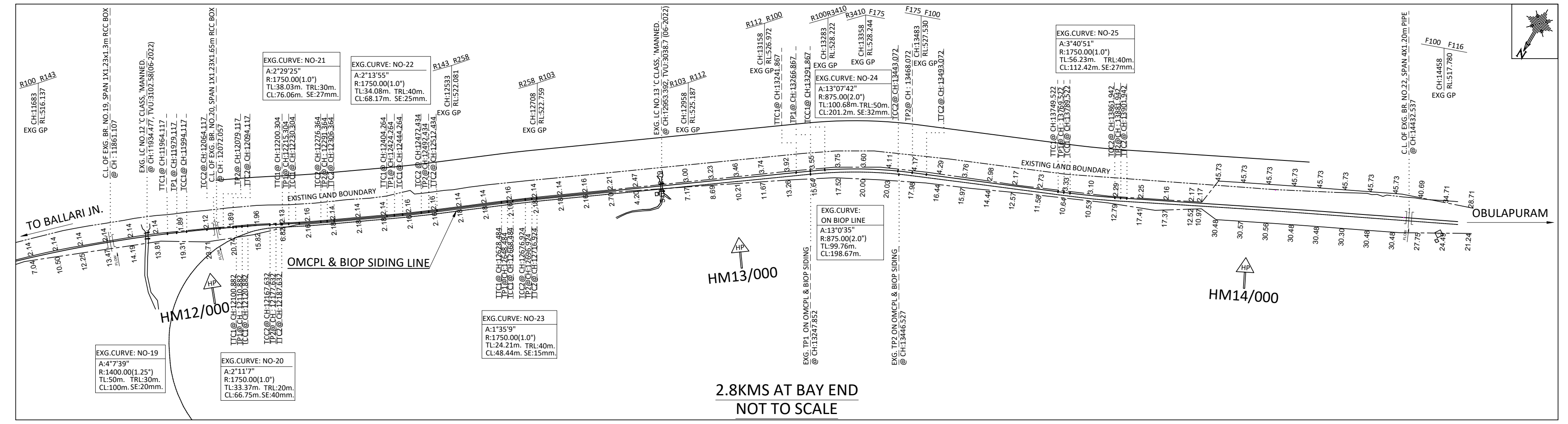
PHASE-II
NOT TO SCALE


PRO. C/L STATION BUILDING
OBULAPURAM (15189.570km)
EXG STATION BUILDING
OBULAPURAM (CH:15091.50)
TO BALLARI JN. (15.09KM) DOWN
TO SOMALAPURAM (30.860 KM) UP
QUARTERS
GOODS PLATFORM 733M LONG & 20M WIDE
PRO. LAND BOUNDARY
CSR-729.378(STR-STR)EXG LOOP LINE
CSR-729.378(STR-STR)EXG MAIN LINE
EXG PF 203.00m X 2.0m
ORL 120M
R.WALL
HM15/000
HM16/000

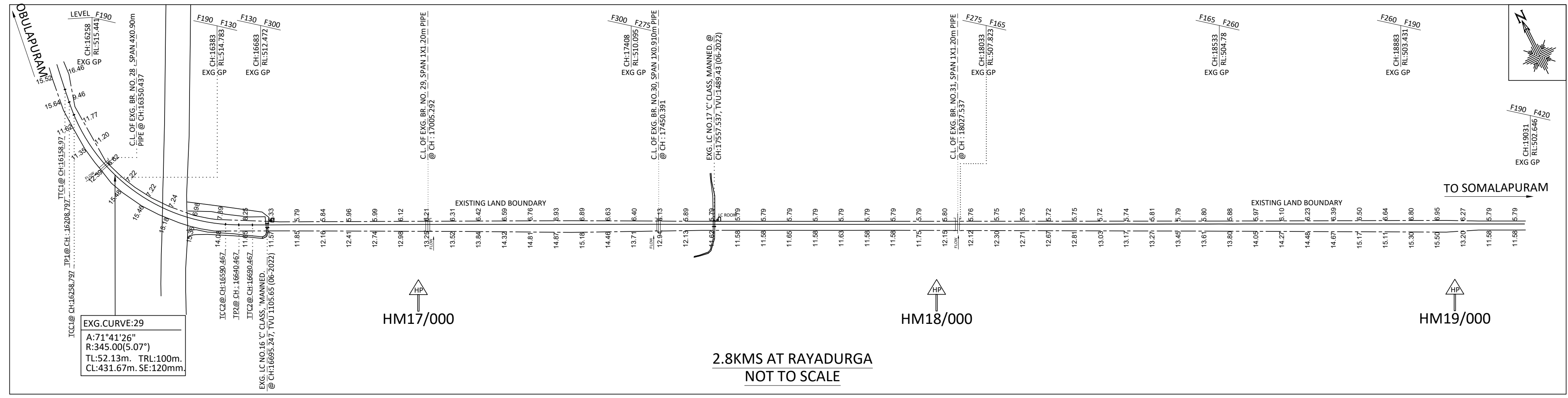
KEY PLAN (NOT TO SCALE)


TO BALLARI JN. (15.09KM) DOWN
TO SOMALAPURAM (30.860 KM) UP
DRAINAGE WITH DIRECTION OF FLOW OF WATER
5800mm
CROSS SECTION OF DRAIN
HM15/000
HM16/000

KEY PLAN WITH DRAINAGE ARRAGEMENTS
(NOT TO SCALE)


TO BALLARI JN.
OBULAPURAM
OMCPL & BIOP SIDING LINE
EXISTING LAND BOUNDARY
EXG.CURVE: NO-19
A:4°7'39"
R:1400.00(1.25°)
TL:50m. TRL:30m.
CL:100m. SE:20mm.
EXG.CURVE: NO-20
A:2°11'7"
R:1750.00(1.0°)
TL:33.37m. TRL:20m.
CL:66.75m.SE:40mm.
EXG.CURVE: NO-21
A:2°29'25"
R:1750.00(1.0°)
TL:38.03m. TRL:30m.
CL:76.06m. SE:27mm.
EXG.CURVE: NO-22
A:2°13'55"
R:1750.00(1.0°)
TL:34.08m. TRL:40m.
CL:68.17m. SE:25mm.
EXG.CURVE: NO-23
A:1°35'9"
R:1750.00(1.0°)
TL:24.21m. TRL:40m.
CL:48.44m. SE:15mm.
EXG.CURVE: NO-24
A:13°07'42"
R:875.00(2.0°)
TL:100.68m. TRL:50m.
CL:201.2m. SE:32mm.
EXG.CURVE: ON BIOP LINE
A:13°0'35"
R:875.00(2.0°)
TL:99.76m.
CL:198.67m.
EXG.CURVE: NO-25
A:3°40'51"
R:1750.00(1.0°)
TL:56.23m. TRL:40m.
CL:112.42m. SE:27mm.
HM12/000
HM13/000
HM14/000

2.8KMS AT BAY END
NOT TO SCALE


OBULAPURAM
TO SOMALAPURAM
EXISTING LAND BOUNDARY
EXG.CURVE:29
A:71°41'26"
R:345.00(5.07°)
TL:52.13m. TRL:100m.
CL:431.67m. SE:120mm.
HM17/000
HM18/000
HM19/000

2.8KMS AT RAYADURGA
NOT TO SCALE

P.WAY DETAILS

EXISTING LINE/PRO. LINE	EXISTING RAILS	PROPOSED RAILS	SLEEPER DENSITY		BALLAST CUSHION	
			EXISTING	PROPOSED	EXISTING	PROPOSED
EXG. RD -1 MAIN LINE (PRO. RD-1)(PRO. RD-2)	60.KG	---	60Kg.PSC 1660 NO'S	---	350mm	---
EXG. RD -2 LOOP LINE (PRO. RD-2) (PRO. RD-3)	52.KG (90 UTS)	---	52Kg.PSC 1540 NO'S	---	250mm	---
PRO. EXTN. EXG. RD-2 LOOP LINE (PRO. RD-2) (PRO. RD-3)	---	60-KG-CLASS-I	---	60 KG PSC CLASS-I 1660 NO'S	---	350mm
PRO. RD -3 LOOP LINE (PRO. RD -4)	---	60-KG-CLASS-I	---	60 KG PSC CLASS-I 1660 NO'S	---	300mm
PRO. RD-1 LOOP LINE	---	60-KG-CLASS-II	---	60 KG PSC CLASS-II 1540 NO'S	---	250mm
PRO. RD -5 GOODS LINE	---	60-KG-CLASS-II	---	60 KG PSC CLASS-II 1540 NO'S	---	250mm

INFRINGEMENT OF MAXIMUM & MINIMUM DIMENSIONS

SL. NO.	LOCATION	KILOMETERAGE	NAME OF STRUCTURE WHICH INFRINGES	PRESCRIBED MAXIMUM AND MINIMUM DIMENSIONS		ACTUAL DIMENSIONS	AMOUNT OF INFRINGEMENT
				CHAPTER & ITEM	MAXIMUM & MINIMUM		
	NIL	NIL	NIL	NIL	NIL	NIL	NIL

POINTS & CROSSINGS DETAILS

P&C No.	EXISTING/ PROPOSED	CHAINAGE	TYPE OF CROSSING	LH/RH	CONNECTING ROADS (PROPOSED)	LOOP LINE/ MAIN LINE	EXG. / PRO. STRUCURE	BALLAST CUSHION	RESULTANT RADIUS	SPEED POTENTIAL ON POINT	REMARKS
1	PROPOSED	14725.24 14830.388	1 in 12 1 in 12	LH	MAIN LINE TO ROAD NO.2(PH-I)	MAIN LINE TO LOOP LINE	60KG CLASS-I	350 mm	441.36m 441.36m	50KMPH	SWITCHES: THICK WEB SWITCHES WILL BE PROVIDED. AS PER RAILWAY BOARD LTR NO.2005/CE-II/TK/9 DT:24.01.07 THE PERMISSIBLE SPEED FOR 1 IN 8.5 SWITCH IS 40KMPH. SPEED FOR 1 IN 12 SWITCH IS 50 KMPH.
2	PROPOSED	14813.253 14911.191	1 in 12 1 in 12	RH	ROAD NO.2(PH-II) TO ROAD NO.1(PH-II)	MAIN LINE TO LOOP LINE	60KG CLASS-I	350 mm	441.36m 441.36m	50KMPH	
3	PROPOSED	14856.388 14960.446	1 in 12 1 in 12	LH	ROAD NO.2(PH-I) TO ROAD NO.3(PH-I)	LOOP LINE TO LOOP LINE	60KG CLASS-I	350 mm	441.36m 441.36m	50KMPH	
4	PROPOSED	14986.446 15084.024	1 in 12 1 in 12	LH	ROAD NO.4(PH-II) TO ROAD NO.5(PH-II)	LOOP LINE TO LOOP LINE	60KG CLASS-I	300 mm	441.36m 441.36m	50KMPH	
5	PROPOSED	15614.87 15712.448	1 in 12 1 in 12	LH	ROAD NO.1(PH-II) TO ROAD NO.2(PH-II)	LOOP LINE TO MAIN LINE	60KG CLASS-I	350 mm	441.36m 441.36m	50KMPH	
6	PROPOSED	15818.000 15916.197	1 in 12 1 in 12	RH	ROAD NO.5(PH-II) TO ROAD NO.4(PH-II)	LOOP LINE TO LOOP LINE	60KG CLASS-I	300 mm	698.13m 322.68m	50KMPH	
7	PROPOSED	15954.104	TRAP SWITCH	LH	ROAD NO.2(PH-I)	LOOP LINE	60KG CLASS-I	350 mm			
8	PROPOSED	15957.694 16063.732	1 in 12 1 in 12	RH	ROAD NO.3(PH-I) TO ROAD NO.2(PH-I)	LOOP LINE TO LOOP LINE	60KG CLASS-I	350 mm	441.36m 441.36m	50KMPH	
9	PROPOSED	16128.732	1 in 12	RH	ROAD NO.2(PH-I) TO MAINLINE	LOOP LINE TO MAIN LINE	60KG CLASS-I	350 mm	441.36m	50KMPH	

PERMANENT SPEED RESTRICTIONS

SL. NO.	LOCATION		BETWEEN STATIONS	SPEED(KPMH)	REASON FOR PSR
	FROM	TO			
PERMANENT SPEED RESTRICTIONS : NIL					

GENERAL NOTES :-

1. STANDARD OF RAIL LOADING 25T AXLE LOAD - 2008.
2. A) THE PROPOSALS ARE SHOWN IN CONTINUOUS LINE IN PH-I IN RED COLOUR. ___________
   B) THE FUTURE WORKS ARE SHOWN IN CONTINUOUS LINE IN GREEN COLOUR. ___________
   C) THE EXISTING FACILITIES TO BE RETAINED ARE SHOWN IN CONTINUOUS LINE IN BLACK COLOUR____________.
   D) EXISTING FACILITIES PROPOSED TO BE REMOVED ARE SHOWN IN DASH LINE IN BLACK COLOUR ----------------.
   E) LAND BOUNDARY DISTANCES TO BE SHOWN AS CHAIN DOTTED IN BLACK COLOUR __ . __ . __.
3. NORTH DIRECTION INDICATED IN THE PLAN IS OF MAGNETIC NORTH.
4. ALL THE DIMENSIONS AND LEVELS (WITH RESPECT TO MSL) ARE IN METERS UNLESS OTHERWISE SPECIFIED.
5. LAND BOUNDARY DISTANCES SHOWN IN THE PLAN ARE PERPENDICULAR OFFSETS TAKEN ROM THE EXISTING MAIN LINE TRACK.
6. THE FEASIBILITY OF EXECUTION AS PER THIS PLAN SHALL BE CHECKED AT SITE BY ENGINEER-IN-CHARGE BEFORE TAKING UP THE WORK.
7. THE MINIMUM HORIZONTAL AND VERTICAL DISTANCE AND OTHER DIMENSIONS SHALL BE PROVIDED AS PER IRSOD AND LATEST CORRECTION SLIPS TO IRSOD UNLESS OTHERWISE SPECIFIED.
8. THIS YARD PLAN IS PROCESSED FOR APPROVAL SUBJECTED TO MAINTAINING SAME LEVELS, ALIGNMENT, GRADE AND TRACK CENTRE DISTANCES SHOWN IN THIS PLAN.
9. NECESSARY YARD DRAINAGE ARRANGEMENTS TO SUIT SITE CONDITIONS WITH PROPER OUTLETS SHALL BE PROVIDED AS PER STANDARDS.
10. ALL PLATFORMS SHOULD BE CONSTRUCTED AS PER RAILWAY BOARD LETTER NO.2013/W-I/ GENL/0/30/PT-II. DT:25.02.2020.
11. PASSENGER AMENITIES SHALL BE PROVIDED AS PER RAILWAY BOARD LETTER NO.2018/LM(PA)/ 03/6. DT: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 DTD: 16.01.2013 TO BE FOLLOWED.
12. PASSENGER AMENITIES IN THE STATION YARD FOR DIVYANGJAN HAVE TO BE PROVIDED AS PER RAILWAY BOARD LETTER NO.2019/STN. DEV-I/03/06/POLICY/PWDS, DTD: 25.11.2022.
13. LOOP LINES ARE PLANNED FOR MAXIMUM SPEED OF 30 KMPH UNLESS OTHERWISE SPECIFIED.
14. ENGINEER-IN-CHARGE AT SITE SHOULD ENSURE TRACK CENTERS SHOWN IN THIS DRAWING AFTER GIVING CURVE ALLOWANCE.
15. FOR CHANGE OF GRADIENTS IN THE YARDS, PROPER VERTICAL CURVE SHALL BE DESIGNED AND ACCORDINGLY PROVIDED.
16. 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.
17. 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.
18. 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 DATED:24.06.2013.
19. BEFORE AND DURING EXECUTION OF WORK, CONCERNED OPEN LINE OFFICIALS SHOULD BE CONSULTED IN CONNECTION WITH WORKS AFFECTING THE EXISTING FACILITIES.
20. THE DIMENSIONS SHOWN IN THIS DRAWING FOR ROBS, RUBS, MINOR BRIDGES, MAJOR BRIDGES ETC. ARE TENTATIVE AND THEY MAY GET CHANGE DURING PLANNING AND EXECUTION.
21. THIS DRAWING IS PURELY MEANT FOR YARD REMODELING WORKS. THE PROVISIONS SHOWN IN THIS ESP FOR ROBS,RUBS, MINOR BRIDGES, MAJOR BRIDGES ETC. HAVE TO BE CARRIED OUT BY PREPARING SEPARATE GAD.
22. FOLLOWING PASSENGER AMENITIES WILL BE PROPOSED -
    A) SINGLE STORIED STATION BUILDING AS PER THE TYPE PLAN .
    B)HIGH LEVEL PLATFORM, LOW COST PF SHELTER ONLY ON PROPOSED ROAD 1.
23. REQUIRED LAND AROUND 7 ACRE NEED TO BE ACQUIRED.
24. AUTHENTIC LAND PLANS SHOULD BE REFERRED FOR PROPER VERIFICATION OF LAND BOUNDARY INDICATED ON THIS PLAN.
25. THE GAD OF PROPOSED STATION BUILDING WILL BE PREPARED AND APPROVED BY COMPETENT AUTHORITY.
26. REGRADING DETAILS (L-PROFILE) WILL BE PREPARED AND APPROVED BY COMPETENT AUTHORITY.
27. FOR NON-STANDARD TURNOUTS, KINK WILL BE AVOIDED WHILE EXECUTING AT SITE.

SAFETY NOTES

1. ADEQUATE SAFETY MEASURES FOR RUNNING TRAINS SHALL BE PROVIDED WHILE EXECUTING YARD RE-MODELLING WORK /TAKING OF THE EARTHWORK NEAR TO THE TRACK.
2. NECESSARY SHORING ARRANGEMENT SHALL HAVE TO BE PROVIDED TO PROTECT THE EXISTING TRACKS IN CASE OF CUTTING CLOSE TO THE TRACKS.
3. DURING EXECUTION OF YARD WORK, THE MATERIALS / EQUIPMENT'S / RELEASED MATERIAL /NEW MATERIAL ETC., SHALL BE STACKED IN SUCH A WAY THAT THEY WILL NOT INFRINGE THE RUNNING LINE DULY ENSURING ALL SAFETY MEASURES DURING RE-MODELLING OF THIS YARD.
4. SUITABLE SAFETY BARRICADING HAS TO BE PROVIDED WHENEVER AND WHEREVER WORK IS BEING EXECUTED PARALLEL AND NEARER TO THE RUNNING TRACK.
5. WHILE CARRYING OUT PRE-NI WORKS NECESSARY PRECAUTIONS SHOULD BE TAKEN TO AVOID UNSAFE CONDITIONS. MODIFICATIONS, REMOVALS, ERECTIONS, INSERTIONS OF POINTS AND CROSSINGS, SEJS, TRAPS, GLUED JOINTS ETC., SHALL BE CARRIED OUT UNDER TRAFFIC BLOCKS ONLY UNDER THE SUPERVISION OF THE COMPETENT DEPARTMENT OFFICIALS.
6. IN ELECTRIFIED SECTION TRACTION TERRITORY, EARTHING TO BE DONE AND CERTIFIED BY THE TRD OFFICIALS BEFORE POWER BLOCK IS CANCELED FOR WORKS RELATED TO YARD RE-MODELLING WHICH HAS TO BE EXECUTED UNDER THE SUPERVISION OF EXPERIENCED AND COMPETENT TRD OFFICIALS.
7. ADHERENCE OF IRSOD DIMENSIONS HAVE TO BE ENSURED BEFORE ALLOWING THE TRAFFIC AFTER CANCELLATION OF LINE BLOCK.
8. THE JOINT PROCEDURE ORDER ON SAFETY RELATED ISSUES PERTAINING TO WORK SITE IN CONSTRUCTION PROJECTS (LETTER NO. W.339/SAFETY PRECAUTIONS DT 18.02.2011) VIDE CTE LETTER NO. SWR/W.247/SAFETY AT WORK SPOT. DT. 20.06.2017 HAS TO BE STRICTLY FOLLOWED.
9. THE GRADUAL RELEASE OF SPEED RESTRICTIONS SHALL BE FOLLOWED AS PER PARA NO.637 OF IRPWM-2020.

SPECIAL NOTES

1. THE CHAINAGES/KILOMETRES IS RECKONED FROM THE CENTRE LINE OF THE BALLARI YARD.
2. 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 CARRIED OUT AND CERTIFIED.
3. THE PROPOSED CONDONATION AND DETAILS OF TRACK STRUCTURE ARE MENTIONED IN A SEPARATE TABLE.
4. THE PROJECT HAS BEEN SANCTIONED AND REFLECTING IN THE PINK BOOK OF 2022-23AS ITEM NO. 55a UMBRELLA WORK.(55a (PB#129/NR/2022-23))
5. THE RULING GRADIENT OF THIS SECTION IS 1 IN 100 AND CURVE COMPENSATION IS TAKEN IN ACCOUNT.
6. THIS YARD LIES IN D ROUTE.
7. THE EXISTING SECTIONAL SPEED IS 70 KMPH AND THE YARD HAS BEEN PLANED FOR PROPOSED SECTIONAL SPEED OF 90KMPH.
8. THIS YARD IS PROPOSED FOR GOODS FACILITY ONLY.

Signature block

SSE-DRG-1-GSU-UBL	HONNAPPA H M Digitally signed by HONNAPPA H M Date:2023.05.04 04:07:38 +05'30'
SSE-WORKS-1-GSU-UBL	MANSOOR H S Digitally signed by MANSOOR H S Date:2023.05.04 04:12:01 +05'30'
AXEN-1-GSU-UBL	LALAN KUMAR Digitally signed by LALAN KUMAR Date:2023.05.04 04:48:15 +05'30'
DYCE-GSU-UBL	B RAMESH CHANDRA Digitally signed by B RAMESH CHANDRA Date:2023.05.04 04:59:55 +05'30'
DYCPM-SNT-GSU-UBL	B GOPAL NAIK Digitally signed by B GOPAL NAIK Date:2023.05.04 07:20:36 +05'30'
CPM-GSU-UBL	SANJAY KUMAR Digitally signed by SANJAY KUMAR Date:2023.05.08 10:24:52 +05'30'
SrDEN/E/UBL	P KAMESWARA VARMA Digitally signed by P KAMESWARA VARMA Date:2023.06.14 12:02:32 +05'30'
SrDEN/Co-ord/UBL	BUTCHI VENKATA RAO GANTA Digitally signed by BUTCHI VENKATA RAO GANTA Date:2023.06.14 12:22:56 +05'30'
SrDEE/G/UBL	H VIJAYKUMAR Digitally signed by H VIJAYKUMAR Date:2023.06.12 06:24:15 +05'30'
SrDEE/TRD/UBL	MANISH AGARWAL Digitally signed by MANISH AGARWAL Date:2023.06.07 06:37:57 +05'30'
SrDSTE/UBL	PAWAN GADEWAD Digitally signed by PAWAN GADEWAD Date:2023.06.07 05:48:46 +05'30'
SrDCM/UBL	HARIETHA S Digitally signed by HARIETHA S Date:2023.06.07 04:01:12 +05'30'
SrDOM/UBL	K KRISHNA CHAITANYA Digitally signed by K KRISHNA CHAITANYA Date:2023.06.12 06:30:14 +05'30'
DRM/UBL	HARSH KHARE Digitally signed by HARSH KHARE Date:2023.06.14 04:13:29 +05'30'
CTPM/SWR	H M DINESH Digitally signed by H M DINESH Date: 2023.11.16 16:30:40 +05'30'
CPDE/SWR	VISHVAS KUMAR Date: 2023.11.20 12:01:50 +05'30'

SOUTH WESTERN RAILWAY
GATI SHAKTI UNIT/HUBBALLI

PROJECT ID : 14.02.16.22.1.54.002
PINK BOOK NO : SWR #55a OF 2022-23 (PB#129/NR/2022-23)

TRAFFIC FACILITIES WORK (PH-16)

BALLARI-RAYDURG SECTION
PROVISION OF ADDITIONAL
LOOPLINES WITH R&D FACILITY
PROPOSED MASTER PLAN OF
OBULAPURAM (OBM)

GSU DRG.NO.SWR/GS/UBL/BAY-RDG/OBM/05/2023

HQ DRG. NO. : SWR/W.573/ESP/OBM/Additional loop lines with R&D/GSU-UBL/53/NOVEMBER-2023

REFERENCE DRAWING: HQ DRG.NO.:
SWR/CR/DRG/HQ/BIOP-OMCPL/07-08/0027/ALT-1

SCALE 1:1000

CONSULTANT:
RSPS SIPRA PVT LTD
#41,2ND FLOOR, 9TH CROSS,
KHB ROAD, SULTANAPALYA,
R T NAGAR, BENGALURU-32.
PH:09449815754

DRAWN BY : HARITHA B P (JE/P.WAY/GS/UBL)

CHECKED BY : HONAPPA HM (SSE/Drg/GS/UBL)

Signature Not Verified
Digitally signed by B RAMESH CHANDRA
Date: 2024.01.17 16:19:15 IST
Reason: IREPS-CRIS
Location: New Delhi