



- NOTE:-
1. ALL CHANGES ARE IN METRES.
 2. CENTER LINE OF ANY STRUCTURE BUILDING IS TAKEN AS CH+0.00.
 3. PROPOSED ALIGNMENT FORMATION GRADES ARE SHOWN IN RED INK. EXISTING DETAILS ARE IN BLACK INK.
 4. BRIDGES: STANDARD OF LOADING 25T AXLE LOAD-2008
 5. MAXIMUM SPEED LIMIT-100 KMPH
 6. MINIMUM TRACK CENTERLINE: 1
 7. CATEGORY OF LINE (V) SPURRING GRADIENT 1 IN 800.
 8. FORMATION WIDTH IS 7.85 M AS PER IS-15 OF RRPM.
 9. NEW LINE WITH 60 KG RAIL NEW PSC WIDE SLEEPERS WITH 160 SLEEPER CENSITY.
 10. LAND BOUNDARY (LB) MARKED AS PER PILLARS AVAILABLE AT SITE.
 11. VERTICAL CURVES ARE TO BE PROVIDED WHERE ALGEBRAIC DIFFERENCE BETWEEN TWO GRADES IS EQUAL TO OR MORE THAN 4 MM PER METRE OR 0.4% AS PER PROVISION OF RRPM.
 12. THE PROPOSED BRIDGE SPAN SHOWN IN SECTION ARE TENTATIVE AND FINAL SPAN AND TYPES OF BRIDGE WILL BE AS PER APPROVED DAD.
 13. TUNNELS ARE TO BE PROVIDED WHERE NECESSARY (REFER TO THE TUNNEL DATA SHEET FOR DETAILS).

SLNO	TSN NO	NORTHING	EASTING	RL	REMARKS
1	TBM1091	203308.193	602779.523	218.000	ON THE STONE TOP
2	TBM1101	203304.882	602776.172	218.124	ON THE STONE TOP
3	TBM1102	203304.000	602777.361	218.023	ON THE STONE TOP
4	TBM1111	203302.982	602780.825	218.025	ON THE STONE TOP
5	TBM1112	203302.779	602782.136	218.025	ON THE STONE TOP
6	DGPS4	203302.191	602780.311	218.025	ON THE STONE TOP
7	DGPS4	203318.600	602780.000	218.261	ON THE STONE TOP
8	DGPS4	203318.600	602780.000	218.261	ON THE STONE TOP
9	DGPS4	203318.600	602780.000	218.261	ON THE STONE TOP
10	TBM1104	203308.193	602779.523	218.000	ON THE STONE TOP
11	TBM1102	203304.000	602777.361	218.023	ON THE STONE TOP
12	TBM1101	203304.882	602776.172	218.124	ON THE STONE TOP
13	DGPS4	203302.982	602780.825	218.025	ON THE STONE TOP
14	DGPS4	203302.779	602782.136	218.025	ON THE STONE TOP

LEGEND	
GROUND LEVEL	---
PROPOSED ALIGNMENT	---
PROPOSED TANGENT POINT	---
KM STONE	---
PROPOSED BRIDGE	---
UPSTREAM FLOW MARK FOR RIVER AND NALLAH	---
CANAL SHOWN THUS:	---
PROPOSED CANAL	---
HT & LT POWER LINE	---
EARTHEN ROAD SHOWN THUS:	---
BITUMEN ROAD SHOWN THUS:	---
CONCRETE ROAD SHOWN THUS:	---
EXIST LAND BOUNDARY	---
PROPOSED TUNNEL	---
PROPOSED VIADUCT	---

DRG. NO. _____

STANDARD OF LOADING - RAILWAY (LOADING 25T-2008)

EAST COAST RAILWAY
(CONSTRUCTION)

DIVISION: WALTAIR

PROJECT: JEYPORE-MALKANGIRI NEW LINE PROJECT
FINAL LOCATION SURVEY
FROM KM 33.00 TO KM 115.00

TITLE: DETAILED PLAN AND SECTION
KM. 110.00 TO KM. 115.00

CORPORATE OFFICE: 4th Floor, NSC Building, Bhadrachalam, Bhadrachalam Railway Station, Bhadrachalam, Telangana - 508 001, India.

CONSULTANTS: M/S SATRA SERVICES AND SOLUTIONS PVT. LTD.
SATRA
B-7, 7th Floor, Madhavi, Hyderabad, Telangana - 500 001, India.

PREPARED BY: M/S ODRA ASSOCIATES PVT. LTD.
Corporate Office: 4th Floor, NSC Building, Bhadrachalam, Bhadrachalam Railway Station, Bhadrachalam, Telangana - 508 001, India.

DATE: 07.06.2024

SCALE: HORIZONTAL: 1:500
VERTICAL: 1:500

STATUS: ☒ TENDER ☐ PRELIMINARY ☐ INFORMATION ☒ APPROVAL ☐ CONSTRUCTION

SR/DRG/CON/VSOP E Co. Railway	DY/CE/CON/1/RRPU E Co. Railway	CE/CON/JOB E Co. Railway
ENGINEER (CAD)	(SARAVANAN PANDIA)	MA ODRA ASSOCIATES PVT LTD