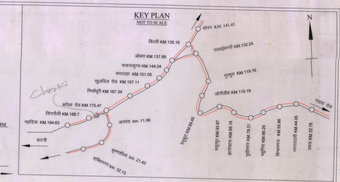

AUTHORITY :-
P.R. ITEM NO. - 54 OF 2015-2016

NOTE :-
(i) ANY MODIFICATION IN SIDE TYE BE DONE BY C.E. (CONSTRUCTION).
(ii) ALIGNMENT AS DEVIATION SHOWN ON DRAWING MAY NOT BE ACHIEVED DUE TO SITE CONSTRAINTS, ANY DEVIATION IN ALIGNMENT SHALL BE DONE AS PER SITE CONDITIONS BY MAINTAINING THE SPECIFICATIONS.

C. E. 'S DRG.NO. E/C-Y-26-2013

पूर्व मध्य रेलवे	EAST CENTRAL RAILWAY'V
निर्माण विभाग	(CONSTRUCTION DEPARTMENT)
धनबाद मंडल	(DHANBAD DIVISION)
रमधा – सिंगरौली दोहरीकरण योजना	RAMPA – SINGRAULI DOUBLING PROJECT
नगरुंटारी स्टेशन में प्रस्तावित यार्ड आरेखांक KM:44.050 गढ़वा में	PROP. YARD ARRANGEMENT AT NAGARUNTARI (NUQ) STATION KM:44.050 FROM GHD
SCALE :1:1000	NAGARUNTARI KM: PHASE-I & PHASE-II
DY. CE/CON/RNO DRG. NO. :- 555 /2014	
CAUTION/MISS. DRG. NO. :- 333/2014	

GRADIENT DETAIL OF TRACK UP TO 2.00KM. FROM CL OF STN. ON EITHER SIDE

FROM	TO	FROM KM	TO KM	TOTAL KM	GRADE
	RMF	NUQ	39.297	40.906	1.609	RISE 1 IN 300
	RMF	NUQ	40.906	42.670	1.764	RISE 1 IN 250
	RMF	NUQ	42.670	43.463	0.793	RISE 1 IN 200
	RMF	NUQ	43.463	43.892	0.429	RISE 1 IN 400
	RMF	NUQ	43.892	44.050	0.158	RISE 1 IN 1000
	NUQ	WDM	44.050	44.802	0.752	RISE 1 IN 1000
	NUQ	WDM	44.802	44.992	0.190	LEVEL
	NUQ	WDM	44.992	45.845	0.853	RISE 1 IN 400
	NUQ	WDM	45.845	46.942	1.097	RISE 1 IN 200
	NUQ	WDM	46.942	48.095	1.153	LEVEL

INFRINGEMENT TABLE

SR. NO.	NAME OF STRUCTURE WHICH INFRINGES	CHAINAGE OF EXISTING GRADIENT	CHAINAGE OF GRADIENT	DETAILS OF DIMENSION INFRINGING		AMOUNT OF INFRINGEMENT	ITEM NO. OF SCHE.
		KM 43.891 TO KM 43.963 (72.0M)	KM 43.891 TO KM 43.963 (72.0M)	MAXIMUM AND MINIMUM	EXISTING ACTUAL DIMENSION		
1.	GRADIENT WITHIN STATION YARD (UP END)	—	—	1 IN 400 (0.25%)	1 IN 260 (0.384%)	0.134%	HOOT (1676 MM) GAUGE (BG) REVISED (2004 CH/ II/ IT No. 2
1.	GRADIENT WITHIN STATION YARD (DN END)	—	—	1 IN 400 (0.25%)	—	NIL	HOOG (1676 MM) GAUGE (BG) REVISED (2004 CH/ II/ IT No. 2

DETAILS OF LEVEL CROSSING GATES ON EITHER SIDES OF STATION

S. NO.	L.C. NO.	KILOMETER	MANNED/ UNMANNED	CLASS	JURISDICTION	T/ CONNECTION
1.	31/C/E	35/5-6	M	C	NUQ - RMF	RMF
2.	33/C/E	39/11-12	M	C	NUQ - RMF	NUQ
3.	36/C/T	44/8-9	M	C	NUQ - WDM	NUQ
4.	37/B/E	46/3-2	M	B	NUQ - WDM	NUQ
5.	40/C/E	48/3-4	M	C	NUQ - WDM	NUQ
6. ★	42/C/E	50/3-4	M	C	NUQ - WDM	NUQ
7.	43/C/E	51/10-11	M	C	NUQ - WDM	WDM
8.	44/C/E	52/11-12	MM	C	NUQ - WDM	WDM

★ Retaining from TOWED VIDE PB ITEM NO. -7/14.

EXISTING TRACK STRUCTURE

SL NO.	LINE NO.	RAIL	SLEEPER		BALLAST
		TYPE	DENSITY	CUSHION
1.	MAIN LINE	60 Kg.	PSC	M+8	250MM
2.	1ST LOOP LINE	90R	PSC	M+7	300MM
3.	2ND LOOP LINE	90R	PSC	M+7	300MM

THIS DRAWING IS BASED ON CE'S DRG. NO. Y- 51-2017 & LATEST SITE SURVEY

LEGEND :-

1. EXISTING WORKS SHOWN IN BLACK.
2. DISMANTLING WORKS SHOWN IN BLACK DOTTED
3. PROPOSED WORK UNDER PHASE -I SHOWN IN RED
4. E. C. RLY. LAND BOUNDARY, AS SHOWN IN

CE/CON/CENTRAL E.C.RLY. MDU, PNBE	(S. S. SHIVA)
CE/TECH/CON E.C.RLY. MDU, PNBE	
DY.CE/TG/ CON/GAYA E.C.RLY.	
DY.CE/TECH/CON E.C.RLY. MDU, PNBE	
DY. CE/HRE E.C.RLY. RNG.	
DY. CE/CON E.C.RLY. RNG.	
ASEN (CON)RNG	
NEC/E&O/RNG	
JE/CON/WRS/NQ	
SE/P.WAY/RNQ	

DRM E.C.RLY. DHANBAD	(S. S. SHIVA)
DR. DEN (C) E.C.RLY. DHANBAD	(S. S. SHIVA)
SR. DOM E.C.RLY. DHANBAD	(MISS RAVI)
SR. DOM (HG) E.C.RLY. DHANBAD	(MR. SHIVA)
SR DEN (C) E.C.RLY. DHANBAD	(MR. RAVI)
SR. DCM E.C.RLY. DHANBAD	(MR. SHIVA)
SR. DEE (G) E.C.RLY. DHANBAD	(MR. RAVI)
SR. DEE (TRD) E.C.RLY. DHANBAD	(MR. SHIVA)
MOS IV E.C.RLY. DHANBAD	(MR. SHIVA)

CPDE E.C.RLY. HAJIPUR	(A.K. SINHA)
DEN E.C.RLY. HAJIPUR	(A.K. SINHA)
DEN (CON) E.C.RLY. HAJIPUR	(A.K. SINHA)
DEN (S) E.C.RLY. HAJIPUR	(A.K. SINHA)
DEN (TRD) E.C.RLY. HAJIPUR	(A.K. SINHA)
DEN (OPTG) E.C.RLY. HAJIPUR	(A.K. SINHA)
DEN (C&W) E.C.RLY. HAJIPUR	(A.K. SINHA)
DEN (TRD) E.C.RLY. HAJIPUR	(A.K. SINHA)
DEN (OPTG) E.C.RLY. HAJIPUR	(A.K. SINHA)
DEN (C&W) E.C.RLY. HAJIPUR	(A.K. SINHA)