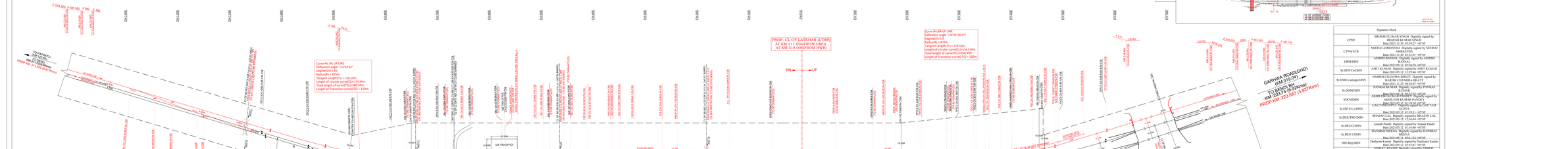
DETAILS OF LEVEL CROSSING (MAN GATE)											
SR. NO	LC NO	CLASS	MVAF	TYPE	TVU	KM	ROAD GAUGE	BLOCK SECTN	TEL CONNECTION	INTERLOCKED / NON INTERLOCKED	REMARKS
1	LXRB-7	SPL	W	E	YRMA-APR78	217.182	0km7.9M	DMN - LTHR	LTHR	INTERLOCKED	
2	LXCB	C	W	g	YTRB-APR78	211.552	0km7.6M	DMN - LTHR	DMN	NON INTERLOCKED	L.C. No. 12/CLB IS TO BE CLOSED AFTER COMMISSIONING OF LHS. DISTRICT MAGISTRATE APPROVAL FOR CLOSURE OF LC NO. 12/CLB HAS BEEN OBTAINED VIDE LETTER NO. 461 DH TCI 20.08.2019.

DETAILS OF LEVEL CROSSING (UNMANNED)											
SR. NO	LC NO	KM	MVAF	TVU	CLASS (BLOCK SECTN)	TEL CONNECTION	INTERLOCKED / NON INTERLOCKED	REMARKS			
1	2	3	4	5	6	7	8	9			

TRACK STRUCTURE			
TRACK NOTATION	MAIN LINE	LOOP LINE	
ALL TRACKS	60kg 1in20	52kg	60kg
ALL TURNOUTS	52kg 1in12	52kg	52kg
ALL SIDINGS	52kg 1in12	52kg	52kg

ALT. Nr	ALT. Nr
ALT. Nr. 1 - 1/7 TO 1/8 (DN)	ALT. Nr. 1/8 TO 1/9 (DN)
ALT. Nr. 1 - 1/9 TO 1/10 (DN)	ALT. Nr. 1/10 TO 1/11 (DN)
ALT. Nr. 1 - 1/11 TO 1/12 (DN)	ALT. Nr. 1/12 TO 1/13 (DN)
ALT. Nr. 1 - 1/13 TO 1/14 (DN)	ALT. Nr. 1/14 TO 1/15 (DN)
ALT. Nr. 1 - 1/15 TO 1/16 (DN)	ALT. Nr. 1/16 TO 1/17 (DN)
ALT. Nr. 1 - 1/17 TO 1/18 (DN)	ALT. Nr. 1/18 TO 1/19 (DN)



Signature Stack	
CPDE	BRIJESH KUMAR SINGH Digitally signed by BRIJESH KUMAR SINGH Date:2021.11.30 09:39:27 +05'30'
CTPM/ECR	NEERAJ AMBASTHA Digitally signed by NEERAJ AMBASTHA Date:2022.02.03 15:02:29 +05'30'
DRM/DHN	ASHISH BANSAL Digitally signed by ASHISH BANSAL Date:2022.02.18 05:21:18 +05'30'
Sr.DEN/Co/DHN	AMIT KUMAR Digitally signed by AMIT KUMAR Date:2022.02.18 11:38:16 +05'30'
Sr.DME/Carriage/DHN	HARISH CHANDRA BHATT Digitally signed by HARISH CHANDRA BHATT Date:2021.12.21 04:54:07 +05'30'
Sr.DOM/DHN	PANKAJ KUMAR Digitally signed by PANKAJ KUMAR Date:2022.02.18 05:21:18 +05'30'
SDC/MDHN	AKSHAY PRATAP PANDEY Digitally signed by AKSHAY PRATAP PANDEY Date:2022.02.18 05:21:18 +05'30'
Sr.DSTE/Co/DHN	GAUTAM GUPTA Digitally signed by GAUTAM GUPTA Date:2022.02.18 05:21:18 +05'30'
Sr.DEE/TRD/DHN	BHAJAN LAL Digitally signed by BHAJAN LAL Date:2021.10.12 17:56:44 +05'30'
Sr.DEE/G/DHN	Anand Pandit Digitally signed by Anand Pandit Date:2021.12.21 04:54:07 +05'30'
Sr.DEN/I/DHN	SOMDEO MEENA Digitally signed by SOMDEO MEENA Date:2021.02.11 05:41:18 +05'30'
SSE/Dep/DHN	Dushyant Kumar Digitally signed by Dushyant Kumar Date:2021.12.21 04:54:07 +05'30'
CPM/WS/G.RNC	VISHAL ANAND Digitally signed by VISHAL ANAND Date:2022.02.18 05:21:18 +05'30'
GM/ELEC/RVNL/RNC	ATUL KUMAR Digitally signed by ATUL KUMAR Date:2020.08.29 05:26:48 +05'30'
MD/MGMT/CVE/RVNL/RN C	SARIFA SACHID PATTNAYAK Digitally signed by SARIFA SACHID PATTNAYAK Date:2022.02.18 05:21:18 +05'30'
AGM/S&T/EXPIRY/RVNL/RNC	ANJANAY KUMAR AMBASTHA Digitally signed by ANJANAY KUMAR AMBASTHA Date:2022.02.18 05:21:18 +05'30'
AGM/ELEC/EXPIRY/RVNL/RNC	DIPTAK KUMAR KUNDU Digitally signed by DIPTAK KUMAR KUNDU Date:2022.02.18 05:21:18 +05'30'
GM/S&T/RVNL/RNC	KAILASH CHAND SHARMA Digitally signed by KAILASH CHAND SHARMA Date:2022.02.18 05:21:18 +05'30'
Manager/CVE/RVNL	SRITUNJAY KUMAR SHARMA Digitally signed by SRITUNJAY KUMAR SHARMA Date:2022.02.18 05:21:18 +05'30'

Signature Stack	
CPDE	BRIJESH KUMAR SINGH Digitally signed by BRIJESH KUMAR SINGH Date:2022.03.04 13:13:25 +05'30'
CTPM/ECR	NEERAJ AMBASTHA Digitally signed by NEERAJ AMBASTHA Date:2022.03.03 15:02:29+05'30'
DRM/DHN	ASHISH BANSAL Digitally signed by ASHISH BANSAL Date:2022.02.18 05:21:18 +05'30'
Sr.DEN/Co/DHN	AMIT KUMAR DIGITALLY SIGNED BY AMIT KUMAR DATE:2022.02.18 11:38:16 +05'30'
Sr.DSTE/Co/DHN	GAUTAM GUPTA Digitally signed by GAUTAM GUPTA Date:2022.02.18 05:21:18 +05'30'
Sr.DOM/DHN	PANKAJ KUMAR DIGITALLY SIGNED BY PANKAJ KUMAR Date:2022.02.18 05:21:18 +05'30'
Sr.DEN/I/DHN	HANSRAJ MEENA Digitally signed by HANSRAJ MEENA Date:2022.02.17 00:01:10 +05'30'
SSE/Dep/DHN	SABIR ALI Digitally signed by SABIR ALI Date:2022.02.18 05:44:48 +05'30'
CPM/RVNL/RNC	VISHAL ANAND Digitally signed by VISHAL ANAND Date:2022.02.18 05:21:18 +05'30'
GM/S&T/RVNL/RNC	KAILASH CHAND SHARMA Digitally signed by KAILASH CHAND SHARMA
AGM/S&T/EXPIRY/RVNL/RNC	ANJANAY KUMAR AMBASTHA Digitally signed by ANJANAY KUMAR AMBASTHA
MD/MGMT/CVE/RVNL/RNC	SARIFA SACHID PATTNAYAK Digitally signed by SARIFA SACHID PATTNAYAK
Manager/CVE/RVNL/RNC	SRITUNJAY KUMAR SHARMA Digitally signed by SRITUNJAY KUMAR SHARMA Date:2022.02.18 05:21:18 +05'30'

ALTERATION - I	
ALTERATION SL. NO.	DESCRIPTION OF WORK
1a	PROPOSED GATE LODGE IS NOW CONVERTED TO GATE LODGE CUM E.R.H. ACCORDING TO ESP OF STATION YARD.
1b	PREPONE OF GATE LODGE OF LC 12 TO ROAD EDGE IS 15.0M.
1c	EXISTING STARTER AT CH:0/M IS DISMANTLED AND NEW STARTER IS PROPOSED AT CH:482.5M AT PTRN DNG CAL AND CSL OF LINE NO. 1 IS CHANGED ACCORDINGLY.

FORM -XVII

INFRINGEMENT AND MAXIMUM & MINIMUM DIMENSION (GRADIENT WITH STATION LIMITS)

GAUGE:-1676MM

SL. NO.	QUESTION	SECTION	LOCATION KILOMETER-MAX	LOCATION KILOMETER-MIN	REASON BY WHICH CONSTRUCTION IS MADE IN WHICH INFRINGE	EXISTING STATION LIMITS	MAXIMUM GRADIENT	EXISTING ACTUAL MAXIMUM GRADIENT	AMOUNT OF INFRINGEMENT	PARTICULARS OF SANCTIONS OF INFRINGEMENT AND REMARKS
1	DN-GRADE	DHN-LTHR	2.5K-DHANDI PH-DHN-LTHR-DHN	1.5K-DHANDI PH-DHN-LTHR-DHN	1. ON ACCT OF EXISTING BRIDGE AT KM 0.000 (DHANDI GARH)	1. ON ACCT OF EXISTING BRIDGE AT KM 0.000 (DHANDI GARH)	1. ON ACCT OF EXISTING BRIDGE AT KM 0.000 (DHANDI GARH)	1. ON ACCT OF EXISTING BRIDGE AT KM 0.000 (DHANDI GARH)	1. ON ACCT OF EXISTING BRIDGE AT KM 0.000 (DHANDI GARH)	1. THE PROPOSED GRADIENT IS 1.5% 1 GRADE IN 1000 FOR 1.0 KM FROM DN-GRADE OF LC GATE LODGE CUM E.R.H. (PH) - DHN-LTHR-DHN. THE EXISTING GRADIENT IS 1.5% 1 GRADE IN 1000 FOR 1.5 KM. 2. THE EXISTING GRADIENT IS 1.5% 1 GRADE IN 1000 FOR 1.5 KM. 3. THE PROPOSED GRADIENT IS 1.5% 1 GRADE IN 1000 FOR 1.0 KM. 4. THE EXISTING GRADIENT IS 1.5% 1 GRADE IN 1000 FOR 1.5 KM. 5. THE PROPOSED GRADIENT IS 1.5% 1 GRADE IN 1000 FOR 1.0 KM.

NOTE:

1. "ALL DIMENSIONS ARE SHOWN IN MM EXCEPT OTHERWISE AS SPECIFIED".
2. CHAINS IS MEASURED FOR CL OF PROPOSED STATION BUILDING.
3. ALL DIMENSIONS ARE IN METER.
4. PROPOSED WORK SHOWN IN RED ———
5. EXISTING WORK TO BE DISMANTLED SHOWN IN BLACK DOTTED ———
6. ALL TRACKS ARE BALLASTED.
7. STATION IS IN "HALT" CATEGORY.
8. ELECTRIFICATION OF THREE LINE WILL BE DONE BY RVNL. ANY MODIFICATION WILL BE DONE BY RVNL AT THEIR OWN COST.
9. PASSENGER AMENITIES SHOULD BE PROVIDED AS PER RAILWAY BOARD'S GUIDELINES
10. GRADE COMPENSATION TO BE PROVIDED.
11. ALL DIMENSIONS ARE TO BE CORRECTED BY ACTUAL SITE SURVEY.
12. AS DESIRED, NO WIDE CONCRETE PATHWAY WILL BE PROVIDED UP TO OUTERMOST UPON HOME SIGNALS FROM END OF PLATFORM.
13. RECOMMENDED GRADIENT OF 1:200 IS NOT FOLLOWED TO MAINTAIN THE GRADIENT OF EXISTING YARD. AS WELL AS TO AVOID LEVEL DIFFERENCE IN A OVER PORTIONS.
14. TRACK MACHINE SIDING IS AVAILABLE IN THIS YARD.
15. THIS DRAWING IS PREPARED BASED ON SITE DATA NO 1-10,0300 (ALT-A) AS WELL AS ACTUAL SITE SURVEY.
16. "TRANSITION PORTION OF CURVE" AS PER IRWM AND "TRANSITION PORTION OF CURVE" AS PER IRPWM.

EAST CENTRAL RAILWAY
DHANBAD DIVISION

EXECUTED BY: रेल विकास निगम लिमिटेड RAIL VIKAS NIGAM LIMITED (A MINI RATNA COMPANY UNDER MINISTRY OF RAILWAYS)

PROJECT:- CONSTRUCTION OF 3rd LINE BETWEEN PATNA(TU) - SONNAGAR(RR) (90K) पाटना(टू) से सोनगढ़ (आर) तक तृतीय लाईन का निर्माण (90 KM)

TITLE
ENGINEERING SCALE PLAN OF LATEHAR (LTHR) (STATION) STATION AT KM. 217.820-
PROP. KM. 217.856

AUTHORITY OF WORK: PRN BOOK ITEM No. 50/2021-22
DPN PLAN DRG. No. :- 1-10-2021 (ALT. 1)
SHM / DHN DRG. No. :- 120-2021
DRAWN BY :- RVNL / RNC / 2020/136
SCALE :- 1 : 1000