KEY PLAN
E.C. RLY. BOUNDARY
UP
DN
CL OF GURMURA (GMX) STN. BLDG.
KM. 119.16M FROM GARHWA JN. (GHD) CH: 0.000
RELAY ROOM
IPS ROOM
LAMP ROOM
2 SEATED LATRING
N.B
R.L. PASSENGER PLATFORM PF-1 (183.88M X 6.00M)
DN LOOP LINE No. - 1 CAL -801M (PT TO PT)
DN MAIN L. No.- 2 CAL - 801M (FM TO FM)
UP MAIN L. No.- 3 CAL = 1091M (FM TO FM)
RL PF 650 x 10.5M
H.A. SDG. CAL - 80M
COMMON LOOP LINE CAL -792M (FM TO DS)
BRIDGE NO. 323
(1 X 1.83M) ARCH
KM. 119 / 5 - 6, CH: 105M F/CSB
RCC BOX BR. (1X2.00M WIDE)
BRIDGE TO BE EXTENDED
BR. NO. 322
(2 X 6.10M) ARCH
KM. 119 / 1 - 2
CH: 208M F/ CSB
CH: 90M F/CSB
CH: 93.88M F/CSB
90.000M
O.H.TANK
3 UNITS OF TYPE II QRTS
GURMURA
JOGIDIH
N

NOTE:-

1. THE GRADIENT HAS BEEN TAKEN BASED ON DHN DIVISION DATA.
2. THE ESP HAS BEEN PREPARED ON THE BASIS OF ACTUAL SITE SURVEY.
3. NEW PANEL ROOM WITH RELAY ROOM, IPS ROOM, BATTERY ROOM & DATA LOGGER ROOM WILL BE PROVIDED IN EXTENSION OF EXISTING STATION BUILDING AS PER DRG. NO. ECR/S&T/TYP. DRG/222/0021 (SH 01 OF 01).

AUTHORITY :-

P.B. ITEM NO. - 54 OF 2015-2016
THIS DRG. IS BASED ON CE'S DRG. NO. - Y - 01-2012

DETAILS OF LC'S IN BLOCK SECTION

SL. NO.	LC NO.	KM.	M/UM	BLOCK SECTION	TELEPHONE CONNECTED WITH STATION
—	NIL	—	—	GMX – SLBN	—

INFRINGEMENT TABLE

S.N.	NAME OF STRUCTURE WHICH INFRINGES	CHAINAGE OF EXISTING GRADIENT	CHAINAGE OF PROPOSED GRADIENT	DETAILS OF DIMENSION INFRINGING			
				MAXIMUM END MINIMUM	EXISTING ACTUAL DIMENSION	AMOUNT OF INFRINGEMENT	ITEM NO OF S.O.D.
1	GRADIENT WITH IN STATION YARD (GHD END)	—	—	1 IN 400 (0.25%)	—	NIL	IRSOD (1676MM) GAUGE (B.G) REVISED -2004 CH II IT NO 2
2	GRADIENT WITH IN STATION YARD (SGRL END)	—	—	1 IN 400 (0.25%)	—	NIL	IRSOD (1676MM) GAUGE (B.G) REVISED -2004 CH II IT NO 2

DETAILS OF LC'S IN BLOCK SECTION

SN.	LC.NO.	KM	M/UM	BLOCK SECTION	TELEPHONE CONNECTED WITH STATION
—	NIL	—	—	GMX – JGF	—

PROPOSED TRACK STRUCTURE :-

LINE NO.	RAIL	SLEEPER DENSITY	CUSHION
MAIN LINE	60KG	PSC - 1660	350
LOOP LINE	60KG	PSC - 1540	250

EXSTING TRACK STRUCTURE

SI. NO.	NAME OF LINE	RAIL	SLEEPER	B. / CUSHION
1.	MAIN LINE	60 Kg	PSC	250MM
2.	LOOP LINE	90R	PSC	< 100MM
3.	ADDL LOOP LINE	52KG	PSC	250MM

GRADIENT DETAIL OF TRACK UP TO 2.80KM. FROM CL OF STN. ON EITHER SIDE

FROM	TO	FROM KM.	TO KM.	TOTAL KM	GRADE
JGF	GMX	114.810	117.670	2.860	RISE 1 IN 200
JGF	GMX	117.670	119.160	1.490	FALL 1 IN 400
GMX	SLBN	119.160	119.588	0.428	FALL 1 IN 400
GMX	SLBN	119.588	120.588	1.000	FALL 1 IN 100
GMX	SLBN	120.588	121.250	0.662	LEVEL
GMX	SLBN	121.250	123.680	2.43	FALL 1 IN 100

LEGEND :-

1. EXISTING WORKS SHOWN IN BLACK ───
2. DISMANTLING WORKS SHOWN IN BLACK DOTTED - - - - -
3. PROPOSED WORKS SHOWN IN RED ───

CE/CON/CENTRAL E.C.RLY. MHX. PNBE	28/10/16	DRM E.C.RLY. DHANBAD	16/9/16	CPDE E.C.RLY. HAJIPUR	(A. K. SINHA) 30-01-17
CSTE/CON/S E.C.RLY. MHX.	(RAJESH KUMAR) 10/10/16	SR. DEN (CO-ORD) E.C.RLY.DHANBAD	4/8/16	C.O.M E.C.RLY. HAJIPUR	(N. K. AMBASTHA) 20/10/16
DY.CEE/RE E.C.RLY. RNQ	20/7/16	SR. DOM E.C.RLY.DHANBAD	25.7.16	C.S.T.E E.C.RLY. HAJIPUR.	(JAGMOHAN RAM) 24/1/17
DY.CSTE /CON/II E.C.RLY. DNR	(B.K. SINGH) 30/8/16	SR. DOM (PLG) E.C.RLY.DHANBAD	29.7.16	CEE E.C.RLY. HAJIPUR.	(A.K. SINGH)
DY.CEE/CON E.C.RLY. MHX. PNBE	19.08.16	SR.D.S.T.E E.C.RLY.DHANBAD			
DY.CE/CON E.C.RLY. CPU	20/7/16	SR. DCM E.C.RLY.DHANBAD	29/7/16		
AEN (CON)CPU	20/07/16	SR. DEE (G) E.C.RLY.DHANBAD	5/8/16		
SSE/D&D /RNQ	20/7/16	SR. DEE/TRD E.C.RLY.DHANBAD	5/8/16		
		DEN IV E.C.RLY.DHANBAD	8-8-16		
SSE/W/CPU					

C. E. 'S DRG. NO. - Y- 17- 2017

पूर्व मध्य रेलवे
EAST CENTRAL RAILWAY
निर्माण विभाग
(CONSTRUCTION DEPARTMENT)
धनबाद मंडल
(DHANBAD DIVISION)
रमना – सिंगरौली दोहरीकरण योजना
RAMNA - SINGRAULI DOUBLING PROJECT
गुरमुरा स्टेशन में प्रस्तावित यार्ड अरेंजमेंट KM:119.160 गढ़वा से
PROP. YARD ARRANGEMENT AT GURMURA (GMX) STATION KM: 119.160 FROM GHD
SCALE : 1:1000
DY. CE/CON/ CPU /DRG. NO. - 03 -2016
CAO/CON/MHX. DRG. NO.-