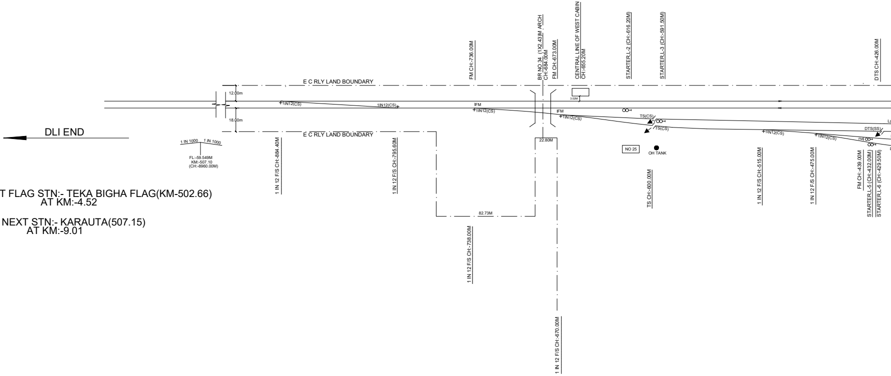
L-XING DETAILS TOWARDS KWO

LC NO	LOCATION	CLASS	M/UM	CONTROLLING STATION	TVU	INTERLOCKED
64	501/05-07	B1 ~~C~~	M	TKBG ~~BKP~~	27015/02-2021 ~~30093/01-18~~	NO (INTERLOCKING WORK PROPOSED)
65	503/21-23	A ~~C~~	M	TKBG ~~KWO~~	36691/02-2021 ~~29169/01-18~~	NO (INTERLOCKING WORK PROPOSED)
66	505/07-09	A ~~C~~	M	KWO	43984/02-2021 ~~34443/01-18~~	NO (INTERLOCKING WORK PROPOSED)


FM CH:-736.00M
BR NO 34 (1X2.43)M ARCH
CH:-684.00M
FM CH:-673.00M
CENTRAL LINE OF WEST CABIN
CH:-655.20M
STARTER,L-2 (CH:-616.20M)
STARTER,L-3 (CH:-591.50M)
DTS CH:-426.00M
E C RLY LAND BOUNDARY
12.00m
18.00m
E C RLY LAND BOUNDARY
DLI END
1 IN 1000
1 IN 1000
FL:-59.549M
KM:-507.10
(CH:-8960.00M)
1IN12(CS)
1IN12(CS)
IFM
1IN12(CS)
IFM
1IN12(CS)
3.02M
TS(CS)
TS(CS)
DTS(SS)
1IN12(CS)
1IN12(CS)
FM
22.80M
NO 25
OH TANK
1 IN 12 F/S CH:-884.40M
1 IN 12 F/S CH:-795.60M
82.73M
1 IN 12 F/S CH:-738.00M
1 IN 12 F/S CH:-670.00M
TS CH:-600.00M
1 IN 12 F/S CH:-515.00M
1 IN 12 F/S CH:-475.00M
FM CH:-439.00M
STARTER,L-5 (CH:-432.00M)
STARTER,L-6 (CH:-429.50M)

NEXT FLAG STN:- TEKA BIGHA FLAG(KM-502.66)
AT KM:-4.52

NEXT STN:- KARAUTA(507.15)
AT KM:-9.01

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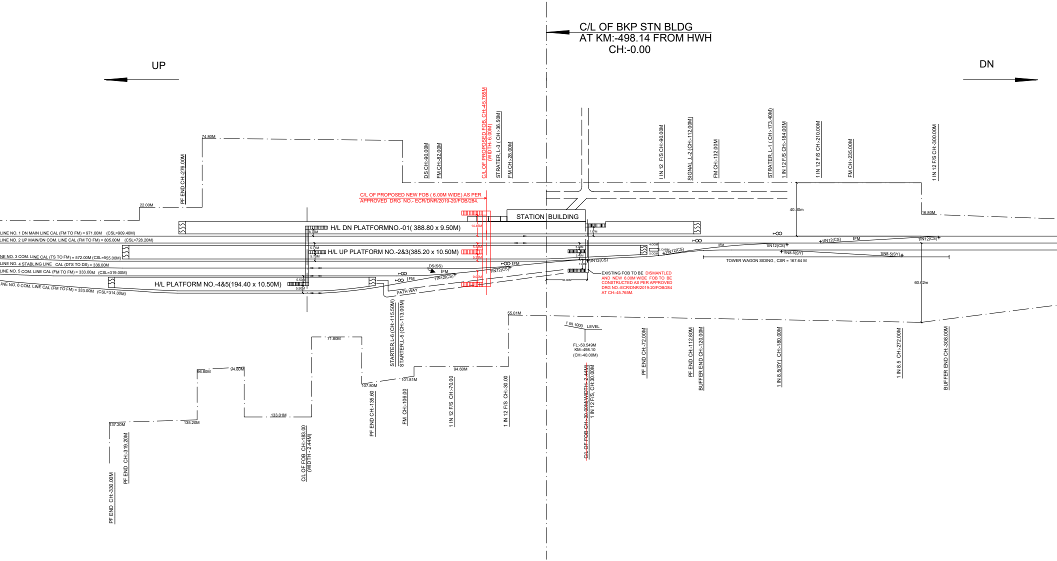
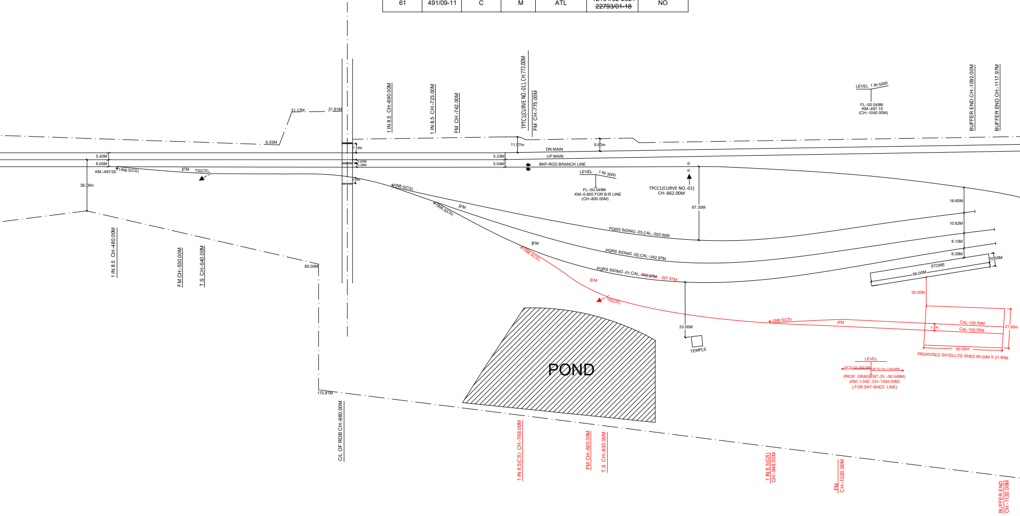
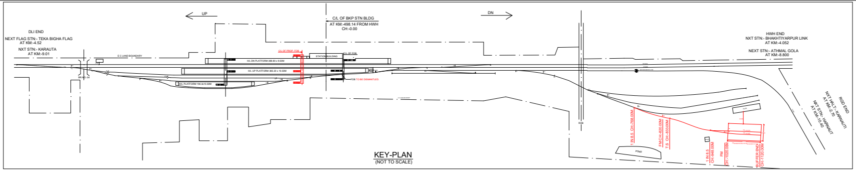

C/L OF BKP STN BLDG
AT KM:-498.14 FROM HWH
CH:-0.00
UP
DN
PF END CH:-276.00M
74.80M
22.00M
DS CH:-90.00M
FM CH:-82.00M
C/L OF PROPOSED FOB CH:-45.765M
(WIDTH- 6.00M)
STRATER, L-3 (CH:-36.50M)
FM CH:-28.00M
I IN 12 F/S CH:-90.00M
SIGNAL ,L-2 (CH:-112.00M)
FM CH:-132.00M
STRATER, L-1 (CH:-173.40M)
1 IN 12 F/S CH:-184.00M
1 IN 12 F/S CH:-210.00M
FM CH:-235.00M
1 IN 12 F/S CH:-300.00M
C/L OF PROPOSED NEW FOB (6.00M WIDE) AS PER
APPROVED DRG NO.- ECR/DNR/2019-20/FOB/284.
STATION BUILDING
40.80m
16.80M
H/L DN PLATFORMNO.-01(388.80 x 9.50M)
8.76M
14.46M
7.87M
LINE NO. 1 DN MAIN LINE CAL (FM TO FM) = 971.00M (CSL=909.40M)
LINE NO. 2 UP MAIN/DN COM. LINE CAL (FM TO FM) = 805.00M (CSL=728.20M)
H/L UP PLATFORM NO.-2&3(385.20 x 10.50M)
5.71M
5.70M
5.38M
5.38M
5.46M
5.46M
4.00M
5.00M
S.CABIN
1IN12(CS)
IFM
1IN12(CS)
1IN12(CS)
1IN12(CS)
1IN8.5(SY)
1IN8.5(SY)
TOWER WAGON SIDING , CSR = 167.64 M
LINE NO. 3 COM. LINE CAL (TS TO FM) = 572.00M (CSL=555.00M)
LINE NO. 4 STABLING LINE CAL (DTS TO DS) = 336.00M
LINE NO. 5 COM. LINE CAL (FM TO FM) = 333.00M (CSL=319.00M)
LINE NO. 6 COM. LINE CAL (FM TO FM) = 333.00M (CSL=314.00M)
H/L PLATFORM NO.-4&5(194.40 x 10.50M)
5.50M
5.50M
DS(SS)
IFM
IFM
IFM
1IN12(CS)
1IN12(CS)
1IN12(CS)
7.45M
9.00M
30.00M
PATH WAY
EXISTING FOB TO BE DISMANTLED
AND NEW 6.00M WIDE FOB TO BE
CONSTRUCTED AS PER APPROVED
DRG NO.-ECR/DNR/2019-20/FOB/284
AT CH:-45.765M.
60.62m
STARTER,L-6 (CH:-115.50M)
STARTER,L-5 (CH:-113.00M)
55.01M
1 IN 1000 LEVEL
FL:-50.549M
KM:-498.10
(CH:-40.00M)
71.80M
96.80M
94.80M
133.01M
107.80M
101.81M
94.60M
137.20M
135.20M
PF END CH:-72.00M
PF END CH:-112.80M
BUFFER END CH:-120.00M
1 IN 8.5(SY) CH:-180.00M
1 IN 8.5 CH:-272.00M
BUFFER END CH:-308.00M
~~C/L OF FOB CH:-30.00M(WIDTH-2.44M)~~
1 IN 12 F/S, CH:30.00M
1 IN 12 F/S CH:-30.00
1 IN 12 F/S CH:-70.00
FM CH:-106.00
PF END CH:-135.60
C/L OF FOB CH:-183.00
(WIDTH - 2.44M)
PF END CH:-319.20M
PF END CH:-330.00M

L-XING DETAILS TOWARDS ATL

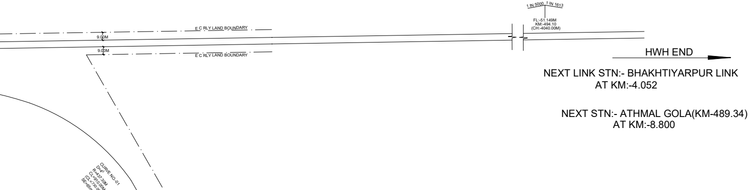
LC NO	LOCATION	CLASS	M/UM	CONTROLLING STATION	TVU	INTERLOCKED
60	490/09-11	SPL ~~C~~ ~~(B1)~~	M	ATL	88459/02-2021 ~~28703/01-18~~	YES ~~NO~~
61	491/09-11	C	M	ATL	12101/02-2021 ~~22793/01-18~~	NO

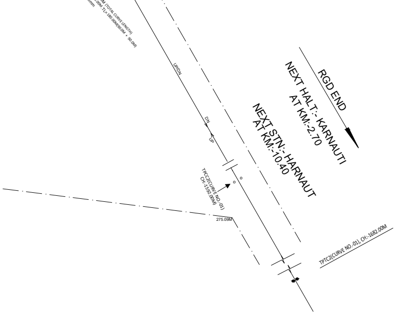

1 IN 8.5 CH:-690.00M
1 IN 8.5 CH:-723.00M
FM CH:-742.00M
TPTC1(CURVE NO.-01), CH:772.00M
FM CH:-775.00M
LEVEL 1 IN 5000
FL:-50.549M
KM:-497.10
(CH:-1040.00M)
BUFFER END CH:-1092.00M
BUFFER END CH:-1117.97M
31.17M
31.81M
6.03M
11.67m
9.60m
DN MAIN
UP MAIN
BKP-RGD BRANCH LINE
5.40M
8.00M
5.33M
5.04M
KM:-497/20
1IN8.5(CS)
FM
TS(CS)
39.06m
LEVEL 1 IN 3000
FL:-50.549M
KM:-0.800 FOR B-R LINE
(CH:-800.00M)
TPCC1(CURVE NO.-01)
CH:-862.00M
67.30M
1IN8.5(CS)
1IN8.5(CS)
FM
PQRS SIDING -03.CAL:-350.00M
PQRS SIDING -02.CAL:-342.97M
PQRS SIDING -01.CAL:-342.97M 297.97M
16.65M
10.62M
8.10M
6.28M
10.00M
STORE
95.00M
20.00M
1 IN 8.5 CH:-480.00M
FM CH:-530.00M
T.S CH:-540.00M
80.00M
1IN8.5(CS)
FM
TS(CS)
33.00M
TEMPLE
1IN8.5(CS)
FM
CAL-100.00M
CAL-100.00M
21.90m
60.00m
PROPOSED SATELLITE SHED 60.00M X 21.90M
LEVEL
PROP. GRADIENT (FL:-50.549M)
(KM:-1.040 , CH:-1040.00M)
(FOR SAT-SHED LINE)
POND
175.81M
C/L OF ROB CH:-660.00M
1 IN 8.5(CS) CH:-768.00M
FM CH:-820.00M
T.S CH:-833.00M
1 IN 8.5(CS) CH:-948.00M
FM CH:-1020.00M
BUFFER END CH:-1120.00M


UP
DN
C/L OF BKP STN BLDG
AT KM:-498.14 FROM HWH
CH:-0.00
DLI END
NEXT FLAG STN:- TEKA BIGHA FLAG
AT KM:-4.52
NXT STN:- KARAUTA
AT KM:-9.01
E C LAND BOUNDARY
C/L OF PROP. FOB
STATION BUILDING
C/L OF FOB
H/L DN PLATFORM 388.80 x 9.50M
H/L UP PLATFORM 385.20 x 10.50M
H/L PLATFORM 194.4x10.50M
BR.NO.-34
FOB TO BE DISMANTLED.
ROB
POND
1 IN 8.5 CH:-768.00M
FM CH:-820.00M
T.S CH:-833.00M
1 IN 8.5 CH:-948.00M
FM CH:-1020.00M
BUFFER END CH:-1120.00M
HWH END
NXT STN:- BHAKHTIYARPUR LINK
AT KM:-4.052
NEXT STN:- ATHMAL GOLA
AT KM:-8.800
NXT HALT:- KARNAUTI
AT KM:-2.70
NXT STN:- HARNAUT
AT KM:-10.40
RGD END

KEY-PLAN
(NOT TO SCALE)

N


1 IN 5000
1 IN 1613
FL:-51.149M
KM:-494.10
(CH:-4040.00M)
E C RLY LAND BOUNDARY
9.00M
9.00M
E C RLY LAND BOUNDARY
HWH END
NEXT LINK STN:- BHAKHTIYARPUR LINK
AT KM:-4.052
NEXT STN:- ATHMAL GOLA(KM-489.34)
AT KM:-8.800


CURVE NO.-01
D=4°
R=437.30M
CL=910.00M (TOTAL CURVE LENGTH)
(CL=730.00M, TL= 180.00M(90.0M + 90.0M)
SE=65mm
UP/DN
DN
UP
RGD END
NEXT HALT:- KARNAUTI
AT KM:-2.70
NEXT STN:- HARNAUT
AT KM:-10.40
TPCC2(CURVE NO.-01)
CH:-1592.00M)
275.09M
TPTC2(CURVE NO.-01), CH:-1682.00M

DETAILS OF GRADIENT FOR B-R SECTION

SR NO	FROM	TO	GRADIENT	SECTION
1	0.00	0.800	LEVEL	BKP-HRT
2	0.800	2.600	F 1 IN 3000	BKP-HRT
3	1.600	3.100	R 1 IN 670	BKP-HRT
4	3.200	4.800	LEVEL	BKP-HRT

L-XING DETAILS BETWEEN BKP-HRT

LC NO	LOCATION	BLOCK SECTION	CLASS	M/UM	CONTROLLING STATION	TVU	INTERLOCKED
1	2/28-30 ~~2/10-11~~	BKP-HRT	C	M	KRNN ~~BKP~~	8620/06-18	YES
4	6/24-26 ~~6/09-10~~	BKP-HRT	C	M	HRT	6240/06-18	NO
6	8/04-06 ~~8/01-02~~	BKP-HRT	C	M	HRT	5500/06-18	NO
7	9/18-20 ~~9/07-08~~	BKP-HRT	C	M	HRT	4000/06-18	NO
8	9/32-33 ~~9/12-13~~	HRT YARD	A ~~C~~	M	HRT	34100/06-18	YES

SANJAY KUMAR Digitally signed by SANJAY KUMAR Date: 2021.12.28 12:45:25 +05'30'

SSE/CON/PW/MHX

RAKESH RANJAN Digitally signed by RAKESH RANJAN Date: 2021.11.03 12:24:01 +05'30'

ANIL KUMAR Digitally signed by ANIL KUMAR Date: 2021.11.24 14:11:51 +05'30'

SSE/DRG/DNR	ANIL KUMAR SINGH Digitally signed by ANIL KUMAR SINGH Date: 2021.11.03 12:22:08 +05'30'

NOTE:-

1. THIS DRAWING IS PREPARED AS PER CE'S DRG NO:- Y-55-2006,ALT-4 AND AS PER GROUND SURVEY.
2. THIS DRAWING SUPERSEDES CE DRG NO:-Y-55-2006,ALT-4
3. PASSENGER AMENITIES SHOULD BE PROVIDED AS PER RAILWAY BOARD GUIDE LINE.
4. IT IS CERTIFIED THAT THERE ARE NO ANY CHANGE IN GRADIENT WITHIN 30.00M OF PROPOSED T/O AND ALSO NO ANY PROPOSED T/O IS TAKING OFF FROM TRANSITION PORTION OF ANY CURVE.
5. IN THE PLAN SWITCHES ARE GIVEN AS :- CS- CURVED SWITCH, SS- STRAIGHT SWITCH AND SY- SYMMETRICAL SPLIT.
6. THIS IS AS PER DRM PLAN NO.- 04-2020, APPROVED BY DIVISION ON 19.05.2020.

AUTHORITY OF WORK:-

(1) THIS PLAN IS PREPARED FOR ,THE PROPOSED SATELLITE SHED FOR TRACK MACHINE AT BKP STN. AS PER LETTER NO :- TM/SATELLITE -SHED/2019, DT:-07.03.2019 OF Dy. CHIEF ENGINEER / TMC / PLANT DEPOT, MUGHALSARAI.

(2) PCE/TMC LETTER NO: W-7B/632/09/TM-SAT-SHED, DT-23.02.2021

LEGEND:-

1)EXISTING WORK	───
2)PROPOSED WORK	───
3)E.C.RLY. LAND BOUNDARY	---------
4)SIGNAL POST	⊢○○

CE'S DRG.NO.-	Y - 70 - 2022

		Signature block	
		CPDE/ECR	INDRAJIT KUMAR Digitally signed by INDRAJIT KUMAR Date: 2022.03.31 12:24:56 +05'30'
		CTPM/ECR	NEERAJ AMBASTHA 2022.03.30 17:32:25+05'30'
CE/CON/MHX		DRM/DNR	PRABHAT KUMAR Digitally signed by PRABHAT KUMAR Date: 2021.12.17 09:50:31 +05'30'
		Sr.DEN/Co/DNR	SAURABH MISRA Digitally signed by SAURABH MISRA Date: 2021.12.16 19:19:50 +05'30'
Dy.CEE/CON/MHX	OM SHANKAR PRASAD Digitally signed by OM SHANKAR PRASAD Date: 2021.11.08 17:32:24 +05'30'	Sr.DOM/DNR	Md Imteyaz Alam Digitally signed by Md Imteyaz Alam Date: 2021.12.16 17:13:16 +05'30'
		Sr.DSTE/DNR	RAJESH KUMAR KUSHWAHA Digitally signed by RAJESH KUMAR KUSHWAHA Date: 2021.12.08 15:13:43 +05'30'
Dy.CE/CON/DNR	ADITYA PRAKASH Digitally signed by ADITYA PRAKASH Date: 2021.11.03 12:32:16 +05'30'	SRDEE/TRD/DNR	RAMASHISH YADAV Digitally signed by RAMASHISH YADAV Date: 2021.11.25 11:48:46 +05'30'
AEN/CON/DNR	VIKAS RANJAN Digitally signed by VIKAS RANJAN Date: 2021.11.03 12:25:56 +05'30'	Sr.DEN/2/DNR	Digitally signed by PRATEEK RASTOGI Date: 2021.11.24 20:09:43 +05'30'

EAST CENTRAL RAILWAY

DANAPUR DIVISION

BAKHTIYARPUR JN.STATION (BKP JN.)
बख्तियारपुर ज0

PROPOSED CONSTRUCTION OF SATELLITE SHED FOR TRACK MACHINES AT BKP STATION

SCALE:-1:1000	DRM DNR PLAN NO:- 04-2020
SH. NO:- REVISION-01	