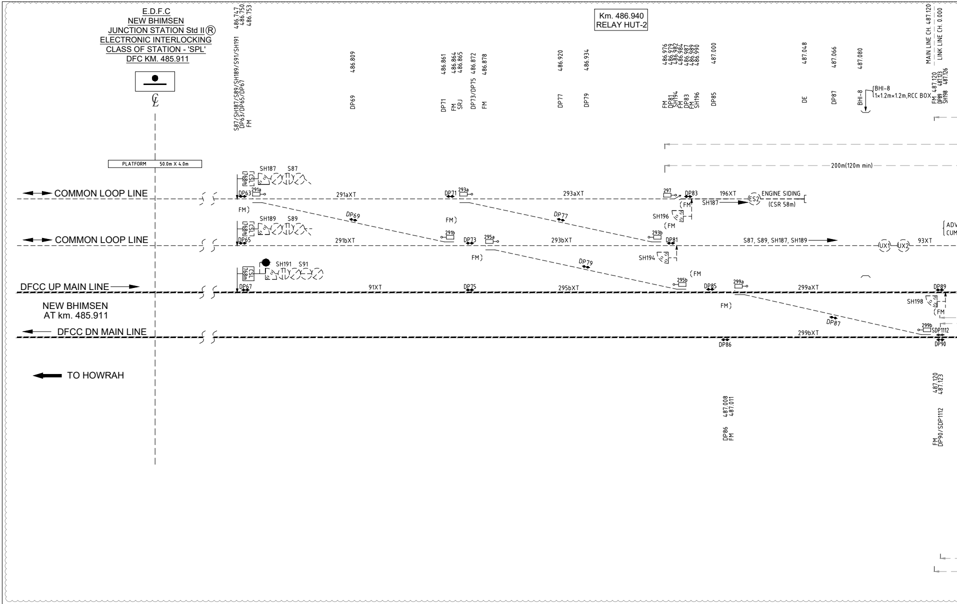
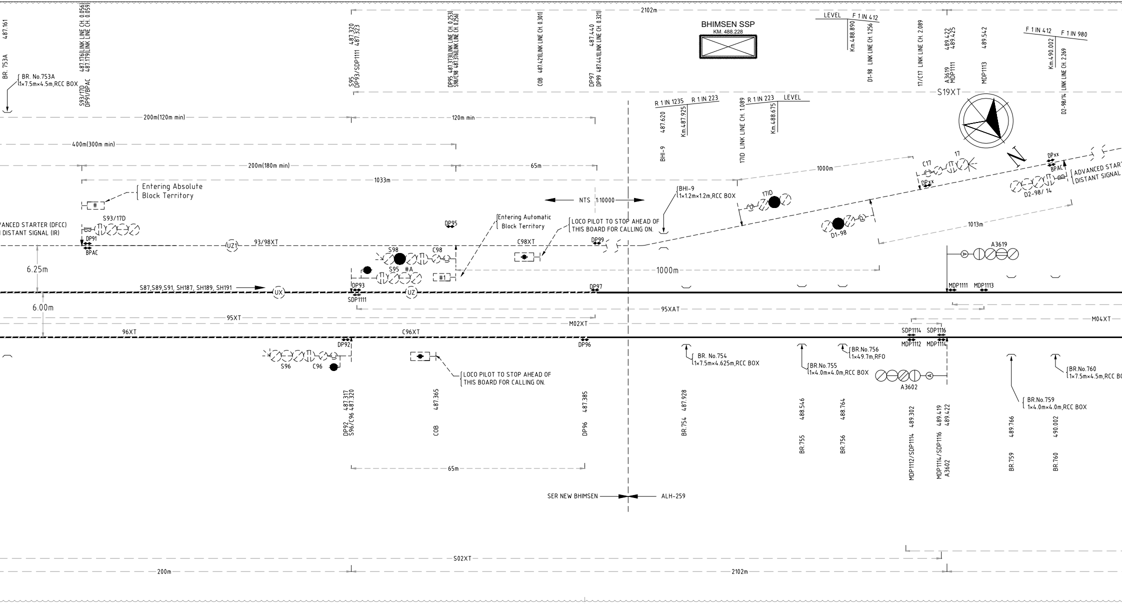
E.D.F.C
NEW BHIMSEN
JUNCTION STATION Std II ®
ELECTRONIC INTERLOCKING
CLASS OF STATION - 'SPL'
DFC KM. 485.911

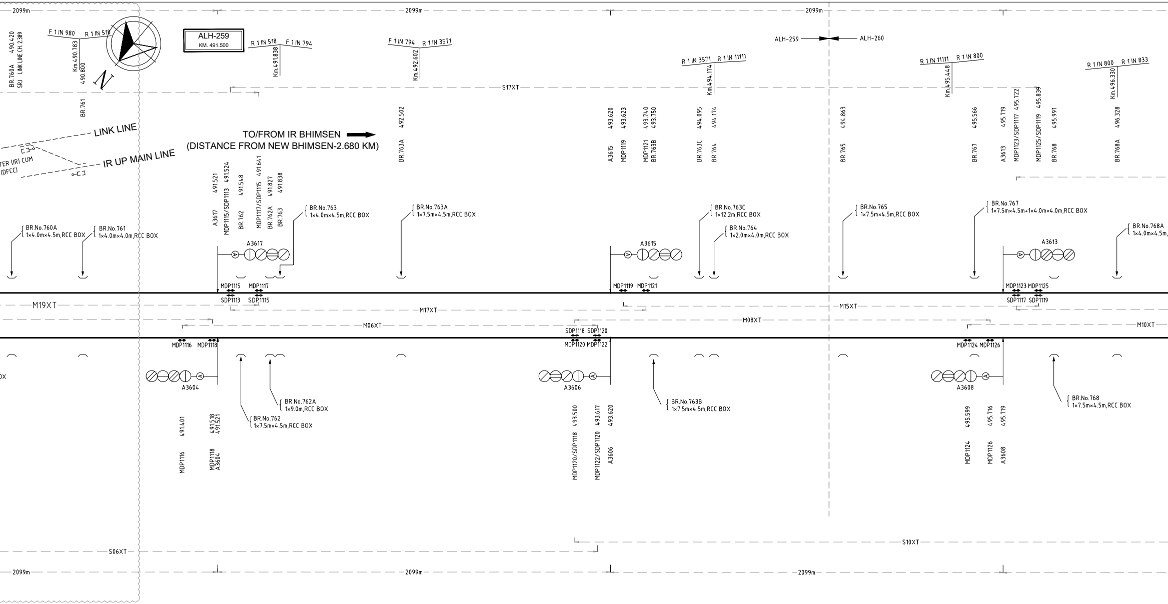

℄
PLATFORM 50.0m X 4.0m
Km. 486.940
RELAY HUT-2
486.747
486.750
486.753
S87/SH187/S89/SH189/S91/SH191
DP63/DP65/DP67
FM
486.809
DP69
486.861
486.864
486.865
486.872
486.878
DP71
FM
SRJ
DP73/DP75
FM
486.920
DP77
486.934
DP79
486.976
486.979
486.982
486.984
486.987
486.989
486.990
FM
DP81
SH194
FM
DP83
FM
SH196
487.000
DP85
487.048
DE
487.066
DP87
487.080
BHI-8
BHI-8
1×1.2m×1.2m,RCC BOX
MAIN LINE CH. 487.120
LINK LINE CH. 0.000
487.120
487.123
487.126
FM
DP89
SH198
200m(120m min)
COMMON LOOP LINE
SH187
S87
DP63
291a
291aXT
FM
DP69
DP71
293a
293aXT
DP77
297
DP83
196XT
SH187
ES2
ENGINE SIDING
(CSR 58m)
(FM
SH196
(FM
COMMON LOOP LINE
SH189
S89
DP65
291bXT
291b
FM
DP73
295a
293bXT
293b
DP81
S87, S89, SH187, SH189
UX1
UX2
93XT
ADV
CUM
SH194
FM
DP79
SH191
S91
DFCC UP MAIN LINE
DP67
91XT
DP75
295bXT
295b
(FM
DP85
299a
299aXT
DP89
SH198
(FM
NEW BHIMSEN
AT km. 485.911
FM
DP87
299b
SDP1112
299bXT
DFCC DN MAIN LINE
DP86
DP90
TO HOWRAH
487.008
487.011
DP86
FM
487.120
487.123
FM
DP90/SDP1112

LEGEND

	Calling-On Board	DP	Detection Point for Main Track in Station Section	(FM	Fouling Mark		Illuminated 'A' Marker		Future Line	
STOP	Stop Board	MDP	Detection Point for Main Track in Block Section		Bridge/RUB/ROB		Gate Stop Signal in Automatic Block Territory System	℄	Center Line of Station Building	
	Track	SDP	Detection Point for Supervisory Track in Block Section		Trap Switch		'C' Marker	CSL	Clear Standing Length	
	Electrical Point Machine		Electrically Operated Lifting Barrier	DLT	Direct Line Telephone	GATE LODGE	Gate Lodge with Panel for Electrical Driven Booms	NTS	Not to Scale	LVB
	Buffer Stop		Sliding Boom Barrier	ALH	Auto Location Hut	KEY'Z' KEY'Y' KEY'X'	'E' Type Lock Arrangement for Sliding Boom Barrier	CSR	Clear Standing Room	
	Station Building		Safety Chain		Automatic 'A' Marker	KEY'R' KEY'Q' KEY'P'	'E' Type Lock Arrangement for Safety Chain	SER	Signalling Equipment Room	TELEPHONE


BHIMSEN SSP
KM. 488.228
2102m
200m(120m min)
120m min
400m(300m min)
200m(180m min)
65m
1033m
1000m
1013m
Entering Absolute Block Territory
Entering Automatic Block Territory
LOCO PILOT TO STOP AHEAD OF THIS BOARD FOR CALLING ON.
NTS 1:10000
BR. No.753A 1x7.5m×4.5m,RCC BOX
BHI-9 1x1.2m×1.2m,RCC BOX
BR. No.754 1x7.5m×4.625m,RCC BOX
BR.No.755 1x4.0m×4.0m,RCC BOX
BR.No.756 1x49.7m,RFO
BR.No.759 1x4.0m×4.0m,RCC BOX
BR.No.760 1x7.5m×4.5m,RCC BO
ADVANCED STARTER (DFCC) DISTANT SIGNAL (IR)
ADVANCED START DISTANT SIGNAL
S93/17D
DP91
BPAC
UZ1
93/98XT
S87,S89,S91, SH187, SH189, SH191
UX
UZ
S98
C98
S95
#A
#1
DP93
SDP1111
DP95
C98XT
DP99
DP97
95XT
95XAT
96XT
C96XT
M02XT
M04XT
DP92
DP96
S96
C96
S19XT
17D
17
C17
DPxx
D1-98
D2-98/14
A3619
A3602
MDP1111
MDP1113
SDP1114
SDP1116
MDP1112
MDP1114
6.25m
6.00m
R 1 IN 1235
R 1 IN 223
LEVEL
F 1 IN 412
F 1 IN 980
487.161 BR. 753A
487.176(LINK LINE CH. 0.056) 487.179(LINK LINE CH. 0.059) S93/17D DP91/BPAC
487.320 487.323 S95 DP93/SDP1111
DP95 487.373(LINK LINE CH. 0.253) S98/C98 487.376(LINK LINE CH. 0.256)
COB 487.421(LINK LINE CH. 0.301)
487.440 487.441(LINK LINE CH. 0.321) DP97 DP99
487.620 BHI-9
Km.487.925
17ID LINK LINE CH. 1.089
Km.488.675
Km.488.890
D1-98 LINK LINE CH. 1.256
17/C17 LINK LINE CH. 2.089
489.422 489.425 A3619 MDP1111
489.542 MDP1113
Km.490.002
D2-98/14 LINK LINE CH. 2.269
487.317 487.320 DP92 S96/C96
487.365 COB
487.385 DP96
487.928 BR.754
488.546 BR.755
488.764 BR.756
489.302 MDP1112/SDP1114
489.419 489.422 MDP1114/SDP1116 A3602
489.766 BR.759
490.002 BR.760
SER NEW BHIMSEN
ALH-259
S02XT
200m
2102m
NTS 1:10000

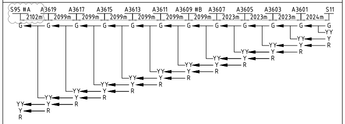
Block Section Limit Board		Signal Post Telephone	'SPL'	SPECIAL		Gate Stop Signal in Station Territory
SP/SSP/TSS	⌂	Location Box		'P' Marker		This indicated details updated/ introduced in this revision.
Crank Handle Box (Sealed And Pad Locked)	SRJ	Stock Rail Joint	#̲	Entering in absolute block territory		
Line verification Box	(XX)	Route Button	#1	Entering in automatic block territory		
Crank Handle-KLCR	☒	Neutral Section (NS)		Dead End (DE)		
Telephone	TBD	TO BE DECIDED	BPAC	Block Proving With Axle Counter		


2099m
2099m
2099m
BR.760A 490.420
SRJ LINK LINE CH. 2.389
F 1 IN 980
R 1 IN 518
Km.490.783
490.800
BR.761
N
ALH-259
KM. 491.500
R 1 IN 518
F 1 IN 794
Km.491.838
F 1 IN 794
R 1 IN 3571
Km.492.602
492.502
BR.763A
S17XT
R 1 IN 3571
R 1 IN 11111
Km.494.174
ALH-259
ALH-260
R 1 IN 11111
R 1 IN 800
Km.495.448
R 1 IN 800
R 1 IN 833
Km.496.330
LINK LINE
IR UP MAIN LINE
TER (IR) CUM
(DFCC)
TO/FROM IR BHIMSEN
(DISTANCE FROM NEW BHIMSEN-2.680 KM)
A3617 491.521
MDP1115/SDP1113 491.524
BR.762 491.548
MDP1117/SDP1115 491.641
BR.762A 491.827
BR.763 491.838
A3615 493.620
MDP1119 493.623
MDP1121 493.740
BR.763B 493.750
BR.763C 494.095
BR.764 494.174
BR.765 494.863
BR.767 495.566
A3613 495.719
MDP1123/SDP1117 495.722
MDP1125/SDP1119 495.839
BR.768 495.991
BR.768A 496.328
BR.No.760A
1×4.0m×4.5m,RCC BOX
BR.No.761
1×4.0m×4.0m,RCC BOX
BR.No.763
1×4.0m×4.5m,RCC BOX
BR.No.763A
1×7.5m×4.5m,RCC BOX
BR.No.763C
1×12.2m,RCC BOX
BR.No.764
1×2.0m×4.0m,RCC BOX
BR.No.765
1×7.5m×4.5m,RCC BOX
BR.No.767
1×7.5m×4.5m+1×4.0m×4.0m,RCC BOX
BR.No.768A
1×4.0m×4.5m,
A3617
A3615
A3613
MDP1115 MDP1117
SDP1113 SDP1115
MDP1119 MDP1121
MDP1123 MDP1125
SDP1117 SDP1119
M19XT
M17XT
M15XT
M06XT
M08XT
M10XT
SDP1118 SDP1120
MDP1116 MDP1118
MDP1120 MDP1122
MDP1124 MDP1126
OX
A3604
A3606
A3608
BR.No.762A
1×9.0m,RCC BOX
BR.No.762
1×7.5m×4.5m,RCC BOX
BR.No.763B
1×7.5m×4.5m,RCC BOX
BR.No.768
1×7.5m×4.5m,RCC BOX
MDP1116 491.401
MDP1118 491.518
A3604 491.521
MDP1120/SDP1118 493.500
MDP1122/SDP1120 493.617
A3606 493.620
MDP1124 495.599
MDP1126 495.716
A3608 495.719
S06XT
S10XT
2099m
2099m
2099m

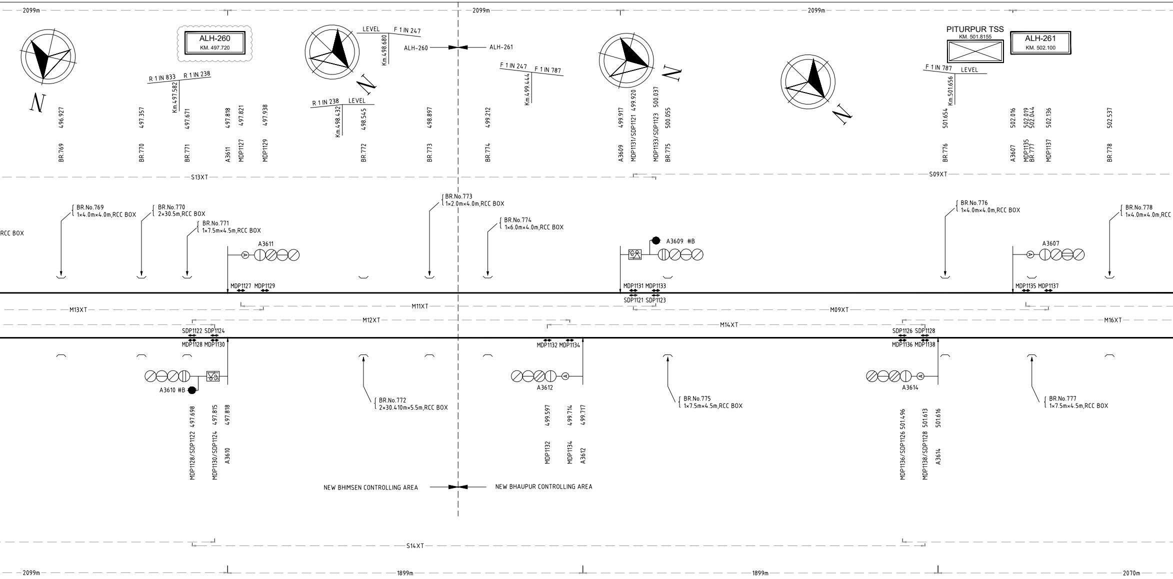
AUTO LOCATION HUT-259

	SIGNALS	PRIMARY TRACK		SUPERVISORY TRACK		LC GATES
		TRACK SECTION	DPS	TRACK SECTION	DPS	
UP LINE	A3619,A3617, A3615	M19XT,M17XT,M15XT	MDP1111,MDP1113, MDP1115,MDP1117, MDP1119,MDP1121	S17XT	SDP1113,SDP1115	—
DOWN LINE	A3606,A3604, A3602	M06XT,M04XT,M02XT	MDP1122,MDP1120, MDP1118,MDP1116, MDP1114,MDP1112	S06XT,S02XT	SDP1120,SDP1118, SDP1116,SDP1114	

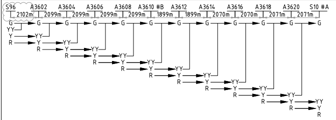
UP DIRECTION ASPECT CONTROL CHART


S95 #A
A3619
A3617
A3615
A3613
A3611
A3609 #B
A3607
A3605
A3603
A3601
S11
2102m
2099m
2099m
2099m
2099m
2099m
2099m
2023m
2023m
2023m
2024m
G
YY
Y
R

#A-ADVANCED STARTER SIGNAL
#B-MID-SECTION MODIFIED SEMI-AUTOMATIC STOP SIGNAL


2099m
2099m
2099m
ALH-260
KM. 497.720
LEVEL
F 1 IN 247
Km.498.680
ALH-260
ALH-261
PITURPUR TSS
KM. 501.8155
ALH-261
KM. 502.100
R 1 IN 833
R 1 IN 238
Km.497.582
R 1 IN 238
LEVEL
Km.498.432
F 1 IN 247
F 1 IN 787
Km.499.444
F 1 IN 787
LEVEL
Km.501.656
N
496.927
BR.769
497.357
BR.770
497.671
BR.771
497.818
A3611
497.821
MDP1127
497.938
MDP1129
498.545
BR.772
498.897
BR.773
499.212
BR.774
499.917
A3609
499.920
MDP1131/SDP1121
500.037
MDP1133/SDP1123
500.055
BR.775
501.654
BR.776
502.016
A3607
502.019
502.044
MDP1135
BR.777
502.136
MDP1137
502.537
BR.778
S13XT
S09XT
BR.No.769
1×4.0m×4.0m,RCC BOX
BR.No.770
2×30.5m,RCC BOX
BR.No.771
1×7.5m×4.5m,RCC BOX
RCC BOX
BR.No.773
1×2.0m×4.0m,RCC BOX
BR.No.774
1×6.0m×4.0m,RCC BOX
BR.No.776
1×4.0m×4.0m,RCC BOX
BR.No.778
1×4.0m×4.0m,RCC
A3611
A3609 #B
A3607
MDP1127 MDP1129
MDP1131 MDP1133
SDP1121 SDP1123
MDP1135 MDP1137
M13XT
M11XT
M09XT
M12XT
M14XT
M16XT
SDP1122 SDP1124
MDP1128 MDP1130
MDP1132 MDP1134
SDP1126 SDP1128
MDP1136 MDP1138
A3610 #B
A3612
A3614
BR.No.772
2×30.410m×5.5m,RCC BOX
BR.No.775
1×7.5m×4.5m,RCC BOX
BR.No.777
1×7.5m×4.5m,RCC BOX
MDP1128/SDP1122 497.698
MDP1130/SDP1124 497.815
A3610 497.818
MDP1132 499.597
MDP1134 499.714
A3612 499.717
MDP1136/SDP1126 501.496
MDP1138/SDP1128 501.613
A3614 501.616
NEW BHIMSEN CONTROLLING AREA
NEW BHAUPUR CONTROLLING AREA
S14XT
2099m
1899m
1899m
2070m

DN DIRECTION ASPECT CONTROL CHART


S96
A3602
A3604
A3606
A3608
A3610 #B
A3612
A3614
A3616
A3618
A3620
S10 #A
2102m
2099m
2099m
2099m
2099m
1899m
1899m
2070m
2070m
2071m
2071m
G
YY
Y
R

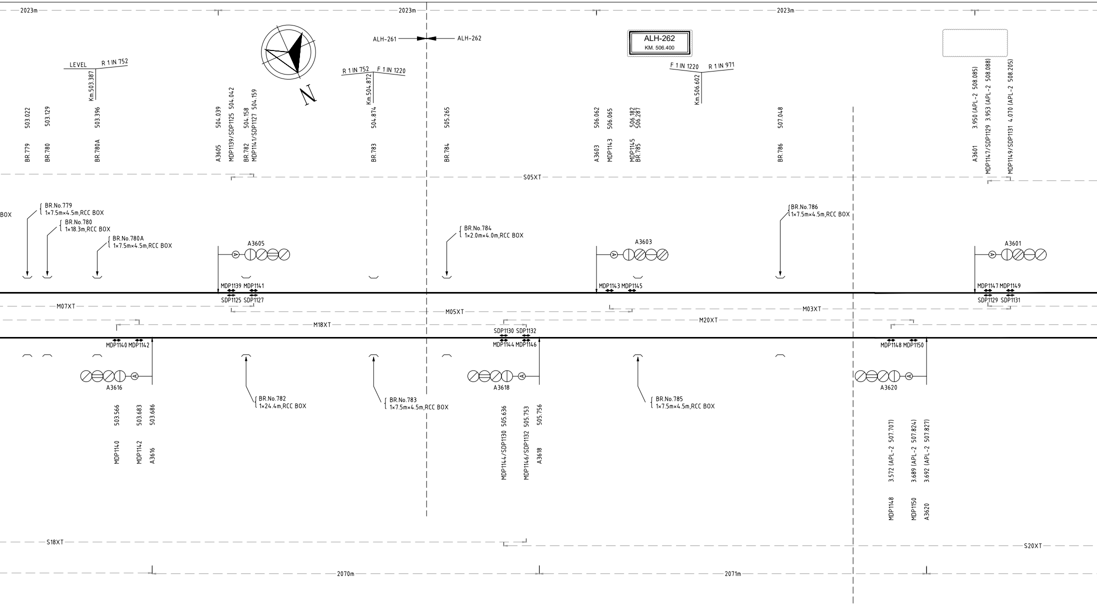
#A-ADVANCED STARTER SIGNAL
#B-MID-SECTION MODIFIED SEMI-AUTOMATIC STOP SIGNAL

AUTO LOCATION HUT-260

	SIGNALS	PRIMARY TRACK		SUPERVISORY TRACK		LC GATES
		TRACK SECTION	DPS	TRACK SECTION	DPS	
UP LINE	A3613,A3611	M13XT,M11XT	MDP1123,MDP1125, MDP1127,MDP1129	S13XT	SDP1117,SDP1119	—
DOWN LINE	A3610,A3608	M10XT,M08XT	MDP1130,MDP1128, MDP1126,MDP1124	S10XT	SDP1124,SDP1122	

AUTO LOCATION HUT-261

	SIGNALS	PRIMARY TRACK		SUPERVISORY TRACK	
		TRACK SECTION	DPS	TRACK SECTION	DPS
UP LINE	A3609,A3607, A3605	M09XT,M07XT, M05XT	MDP1131,MDP1133, MDP1135,MDP1137, MDP1139,MDP1141	S09XT,S05XT	SDP1121,SDP1123, SDP1125,SDP1127
DOWN LINE	A3616,A3614, A3612	M16XT,M14XT, M12XT	MDP1142,MDP1140, MDP1138,MDP1136, MDP1134,MDP1132	S14XT	SDP1128,SDP1126

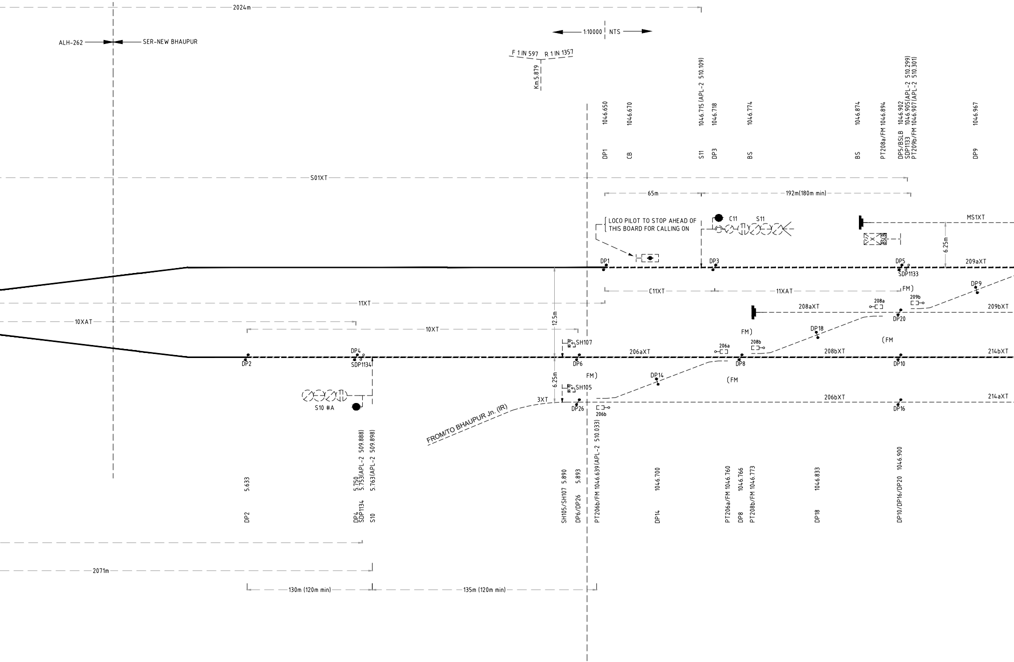

2023m
2023m
2023m
ALH-261
ALH-262
ALH-262
KM. 506.400
LEVEL
R 1 IN 752
Km.503.387
N
R 1 IN 752
F 1 IN 1220
Km.504.872
F 1 IN 1220
R 1 IN 971
Km.506.602
503.022
BR.779
503.129
BR.780
503.396
BR.780A
504.039
A3605
MDP1139/SDP1125 504.042
504.158
BR.782
MDP1141/SDP1127 504.159
504.874
BR.783
505.265
BR.784
506.062
A3603
506.065
MDP1143
506.182
506.287
MDP1145
BR.785
507.048
BR.786
3.950 (APL-2 508.085)
A3601
MDP1147/SDP1129 3.953 (APL-2 508.088)
MDP1149/SDP1131 4.070 (APL-2 508.205)
S05XT
BOX
BR.No.779
1×7.5m×4.5m,RCC BOX
BR.No.780
1×18.3m,RCC BOX
BR.No.780A
1×7.5m×4.5m,RCC BOX
A3605
BR.No.784
1×2.0m×4.0m,RCC BOX
A3603
BR.No.786
1×7.5m×4.5m,RCC BOX
A3601
MDP1139 MDP1141
SDP1125 SDP1127
MDP1143 MDP1145
MDP1147 MDP1149
SDP1129 SDP1131
M07XT
M05XT
M03XT
M18XT
M20XT
SDP1130 SDP1132
MDP1140 MDP1142
MDP1144 MDP1146
MDP1148 MDP1150
A3616
A3618
A3620
BR.No.782
1×24.4m,RCC BOX
BR.No.783
1×7.5m×4.5m,RCC BOX
BR.No.785
1×7.5m×4.5m,RCC BOX
503.566
MDP1140
503.683
MDP1142
503.686
A3616
MDP1144/SDP1130 505.636
MDP1146/SDP1132 505.753
505.756
A3618
3.572 (APL-2 507.707)
MDP1148
3.689 (APL-2 507.824)
MDP1150
3.692 (APL-2 507.827)
A3620
S18XT
S20XT
2070m
2071m

KM. 507.434 (APL-2)
KM. 3.299 (APL-1)

LC GATES
—

AUTO LOCATION

	SIGNALS	PRIMARY TRACK	
		TRACK SECTION	DPS
UP LINE	A3603,A3601	M03XT,11XT,C11XT, 11XAT	MDP1143,MDP1145, MDP1147,MDP1149
DOWN LINE	A3620,A3618	10XAT,M20XT,M18XT	MDP1150,MDP1148, MDP1146,MDP1144

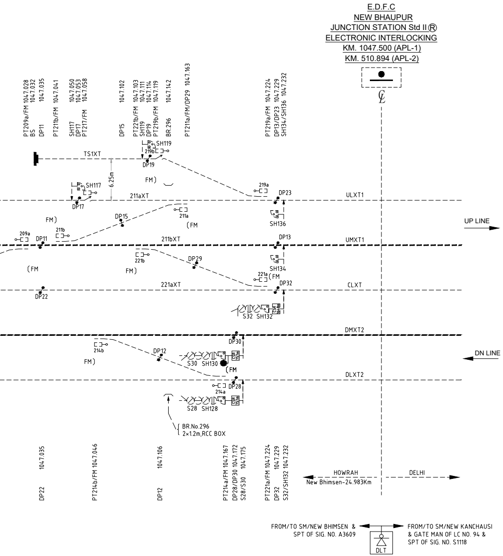

2024m
ALH-262
SER-NEW BHAUPUR
1:10000
NTS
F 1 IN 597
R 1 IN 1357
Km.5.879
DP1 1046.650
CB 1046.670
S11 1046.715 (APL-2 510.109)
DP3 1046.718
BS 1046.774
BS 1046.874
PT208a/FM 1046.894
DP5/BSLB 1046.902
SDP1133 1046.905(APL-2 510.299)
PT209b/FM 1046.907(APL-2 510.301)
DP9 1046.967
S01XT
65m
192m(180m min)
LOCO PILOT TO STOP AHEAD OF THIS BOARD FOR CALLING ON
C11
S11
MS1XT
BSLB
6.25m
DP1
DP3
DP5
SDP1133
209aXT
C11XT
11XAT
FM)
DP9
11XT
208aXT
208a
209b
209bXT
DP20
10XAT
10XT
12.5m
DP18
FM)
208b
(FM
SH107
206a
DP4
SDP1134
206aXT
208bXT
214bXT
DP2
DP6
DP8
DP10
FM)
DP14
(FM
6.25m
SH105
S10 #A
3XT
206bXT
214aXT
DP26
206b
DP16
FROM/TO BHAUPUR Jn. (IR)
DP2 5.633
DP4 5.750
SDP1134 5.753(APL-2 509.888)
S10 5.763(APL-2 509.898)
SH105/SH107 5.890
DP6/DP26 5.893
PT206b/FM 1046.639(APL-2 510.033)
DP14 1046.700
PT206a/FM 1046.760
DP8 1046.766
PT208b/FM 1046.773
DP18 1046.833
DP10/DP16/DP20 1046.900
2071m
130m (120m min)
135m (120m min)
1:10000
NTS
DETOUR KM 5+894.772
DFCC KM 1046+635.510

HUT-262

SUPERVISORY TRACK		LC GATES
TRACK SECTION	DPS	
S01XT	SDP1129,SDP1131	—
S20XT,S18XT	SDP1132,SDP1130	

TEMPORARY NOTE:

1. SIGNAL LOCATIONS MAY NEED CHANGE TO ENSURE CONTINUOUS VISIBILITY BASED ON SIGNAL SIGHTING.
2. CHAINAGE OF MDP & SDP ARE TENTATIVE. IT WILL NEED UPDATE BASED ON OEM DESIGN / RESETTING ARRANGEMENT OF THE AXLE COUNTER.
3. ADDITIONAL TRACK SECTION MAY BE ADDED, BASED ON OEM DESIGN.
4. THE CHAINAGE OF ALH-262 IS BASED ON ALIGNMENT PLAN AND SHALL BE FINALISED AFTER THE APPROVED CROSS SECTION DRAWING IS AVAILABLE AND SURVEY AT SITE.
5. ARRANGEMENT OF DP1, DP3, DP4, DP5, SDP1133 AND SDP1134 WILL BE FINALISED AFTER INTERFACE WITH APL-1 AND ON THE BASIS OF OEM DESIGN.


E.D.F.C
NEW BHAUPUR
JUNCTION STATION Std II Ⓡ
ELECTRONIC INTERLOCKING
KM. 1047.500 (APL-1)
KM. 510.894 (APL-2)
PT209a/FM 1047.028
BS 1047.032
DP11 1047.035
PT211b/FM 1047.041
SH117 1047.050
DP17 1047.053
PT217/FM 1047.058
DP15 1047.102
PT221b/FM 1047.103
SH119 1047.111
DP19 1047.114
PT219b/FM 1047.119
BR.296 1047.142
PT211a/FM/DP29 1047.163
PT219a/FM 1047.224
DP13/DP23 1047.229
SH134/SH136 1047.232
SH119
219b
TS1XT
DP19
6.25m
FM
SH117
DP17
211aXT
219a
DP23
ULXT1
211a
SH136
FM
DP15
209a
DP11
211b
211bXT
DP13
UMXT1
UP LINE
221b
DP29
SH134
221a
DP32
221aXT
CLXT
DP22
S32 SH132
DMXT2
DP30
214b
DP12
S30 SH130
DN LINE
DLXT2
214a
DP28
S28 SH128
BR.No.296
2×1.2m,RCC BOX
DP22 1047.035
PT214b/FM 1047.046
DP12 1047.106
PT214a/FM 1047.167
DP28/DP30 1047.172
S28/S30 1047.175
PT221a/FM 1047.224
DP32 1047.229
S32/SH132 1047.232
HOWRAH
DELHI
New Bhimsen-24.983Km
FROM/TO SM/NEW BHIMSEN &
SPT OF SIG. NO. A3609
FROM/TO SM/NEW KANCHAUSI
& GATE MAN OF LC NO. 94 &
SPT OF SIG. NO. S1118
DLT

NOTE:

1. AUTOMATIC BLOCK SIGNALLING PROVIDED IN NEW BHIMSEN – NEW BHAUPUR SECTION.
2. TELEPHONIC COMMUNICATION IS PROVIDED BETWEEN SM/NEW BHIMSEN AND SM/NEW BHAUPUR.
3. (i) IN MODIFIED AUTOMATIC BLOCK SIGNALLING (MABS) BETWEEN NEW BHIMSEN – NEW BHAUPUR SECTION SIG. No. A3609 IN UP DIRECTION, SIG. No. A3610 IN DN DIRECTION ARE CONVERTED INTO MODIFIED SEMI-AUTOMATIC STOP SIGNALS FOR ENHANCING LEVEL OF SAFETY DURING FOG AND OTHER EXIGENCIES.
   (ii) SPECIAL NOTE FOR ASPECT CONTROL CHART:-
   # A-IN MODIFIED AUTOMATIC BLOCK SIGNALLING (MABS), THE ADVANCED STARTERS SHALL ASSUME 'OFF' ASPECT OR BE TAKEN 'OFF' ONLY WHEN THE LINE IS CLEAR UPTO AN ADEQUATE DISTANCE BEYOND THE MID SECTION MODIFIED SEMI-AUTOMATIC STOP SIGNAL.
   # B-IN MODIFIED AUTOMATIC BLOCK SIGNALLING (MABS), THE MID SECTION MODIFIED SEMI-AUTOMATIC STOP SIGNALS SHALL ASSUME 'OFF' ASPECT OR BE TAKEN 'OFF' ONLY WHEN THE LINE IS CLEAR UPTO AN ADEQUATE DISTANCE BEYOND THE HOME SIGNAL OF THE STATION AHEAD.
4. ON UP MAIN LINE SIG. No. A3609 (MID SECTION MODIFIED SEMI-AUTOMATIC STOP SIGNAL) OF NEW BHIMSEN – NEW BHAUPUR SECTION IS CONTROLLED BY SM/NEW BHAUPUR AND ON DOWN MAIN LINE SIG. No. A3610 (MID SECTION MODIFIED SEMI-AUTOMATIC STOP SIGNAL) OF NEW BHAUPUR – NEW BHIMSEN SECTION IS CONTROLLED BY SM/NEW BHIMSEN.
5. SIGNAL POST TELEPHONE (SPT) IS PROVIDED ON SIGNAL No. A3609 AND A3610 FOR COMMUNICATION WITH SM/NEW BHAUPUR AND SM/NEW BHIMSEN RESPECTIVELY.
6. EMERGENCY SOCKET SHALL BE PROVIDED ON ALL SIGNALS IN NEW BHIMSEN – NEW BHAUPUR SECTION.
7. MSDAC IS PROVIDED IN THE BLOCK SECTION FOR TRACK VACANCY DETECTION.
8. MAIN SYSTEM AXLE COUNTER DETECTORS SHALL BE PROVIDED ON OUTER RAIL AND SUPERVISORY AXLE COUNTER DETECTORS SHALL BE PROVIDED ON INNER RAIL.
9. IF ANY TRACK SECTION OF MAIN SYSTEM SHOWS OCCUPIED/ERROR WITH ITS SUPERVISORY TRACK SECTION SHOWING CLEAR, AUTOMATIC RESET WILL BE APPLIED TO THE EFFECTED TRACK SECTION OF THE MAIN SYSTEM.
10. IF ANY SUPERVISORY TRACK SECTION SHOWS OCCUPIED/ERROR WITH ALL TRACK SECTIONS OF MAIN SYSTEM SUPERVISING BY IT SHOWING CLEAR, AUTOMATIC RESET WILL BE APPLIED TO THE AFFECTED SUPERVISORY TRACK SECTION.
11. ALL SIGNALLING INSTALLATION TO BE SUITABLE FOR ADJACENT 25KV AC TRACTION (IR) AND 2×25KV AC TRACTION (DFCCIL).
12. ALL SIGNALS SHALL BE LED LIT.
13. ALH POSITIONS WILL BE REFINED AFTER JOINT SITE SURVEY BETWEEN PMC AND CRSCD.
14. THE SYMBOL OF MDP/SDP SHOWN ARE NOT AS PER SCALE BECAUSE IT WAS COMING NEARBY SIGNAL POST.
15. NECESSARY ARRANGEMENT FOR TSS/SP/SSP WILL BE INCORPORATED AT LATER STAGE.

SPECIAL NOTE:

i. AT THE TIME OF INSTALLATION, ALH WILL BE LOCATED NEAR TO EXISTING ROAD, IF ANY.
ii. THIS DRAWING SERVES AS BLOCK SECTION SIP AND STATIONS HERE ARE ONLY INDICATIVE REFER TO STATION SIP FOR DETAILS.
iii. THE MID SECTION MODIFIED AUTO SEMI-AUTOMATIC SIGNAL POST SHALL BE DISTINGUISHED FROM OTHER SIGNALS BY PROVIDING BLUE RETRO-REFLECTIVE TAPE OF 400MM SIZE AT THE BOTTOM OF POST AND THEN WHITE TAPE 400MM ABOVE IT UPTO THE TOP OF THE POST ALTERNATIVELY.
iv. THE SIGNALLING REQUIREMENTS AT STATION YARDS WILL NEED UPDATE AFTER FINALISATION OF STATION YARD SIPS.

FOR CONTRACTOR

PREPARED BY:	CHECKED BY:	REVIEWED BY:	APPROVED BY:
Praveen PRAVEEN	PRADEEP	MAO WEIDONG	LIU BIAO

REV.	DATE	DESCRIPTION	PREP.BY	CHK. BY	REV. BY
H	09-04-2020	UPDATED AS PER PMC LATTER NO. 06741 dt. 07.09.2018	PRAVEEN	PRADEEP	MAO WEIDONG
G	11-08-2018	UPDATED AS PER PMC COMMENTS dt. 01.08.2018	WANG YONGQIANG	LI JIA	-
F	26-07-2018	UPDATED AS PER PMC COMMENTS dt. 23.07.2018	WANG YONGQIANG	LI JIA	-
E	13-07-2018	UPDATED AS PER PMC COMMENTS dt. 17.05.2018	WANG YONGQIANG	FENG HAO	-
D	11-05-2018	UPDATED AS PER PMC COMMENTS dt. 25.04.2018	HAO XUAN	FENG HAO	-
C	21-04-2018	UPDATED AS PER PMC COMMENTS dt. 06.04.2018	HUANG XIAOHUI	FENG HAO	-
B	02-04-2018	UPDATED AS PER PMC COMMENTS dt. 19.03.2018	HUANG XIAOHUI	FENG HAO	-
A	12-03-2018	FIRST ISSUE	ZHAO WEI	SHI YULIN	-

CRSC Beijing National Railway Research&Design Institute of Signal & Communication Co., Ltd.

NAME OF THE CONTRACT:
MUGHALSARAI-NEW BHAUPUR DESIGN AND BUILD S&T SYSTEM WORK
CONTRACT PACKAGE-203

CLIENT NAME:
डेडीकेटेड फ्रेट कॉरीडोर
Dedicated Freight Corridor Corporation of India Ltd.
A Government of India (Ministry of Railway) Enterprise

SCALE

PROJECT NAME:
Eastern Dedicated Freight Corridor Project-2

SHEET

TITLE:
संकेत अन्तर्पाशन विन्यास
नया भीमसेन – नया भाऊपुर खंड सेक्शन
SIGNAL INTERLOCKING PLAN
NEW BHIMSEN - NEW BHAUPUR BLOCK SECTION

TOTAL SHEET

STATUS:

आरेख संख्या:
DWG No. : 1/SG/0057

REV. H

REF. DWG. : ALIGNMENT PLAN & PROFILE KM 488+000 TO KM 488+900 REV. D, KM 488+900 TO KM 492+500 REV. E, KM 492+500 TO KM 493+700 REV. F, KM 493+700 TO KM 507+433.675 REV. E; PROPOSED DFCC NEW BHAUPUR JUNCTION STATION YARD PLAN DRG. S101 - 1AL8406J, SIGNAL INTERLOCKING PLAN (NEW BHAUPUR JUNCTION) DWG. NO. 3/SG/1051/B, ALIGNMENT DRAWING PLAN AND PROFILE SLICE 101 FROM Ch. 1046+600 TO 1047+200 DRG. NO TPL-ALDESA/S101-1/AL/8013 E , SIP OF NEW BHIMSEN STATION REV.K

SH. SIZE 3960 x 420 MM

PMC: SYSTRA - MOTT MACDONALD (JV) SYSTRA MOTT MACDONALD		**EMPLOYER:** DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LIMITED		डेडीकेटेड फ्रेट कॉरीडोर *Dedicated Freight Corridor Corporation of India Ltd.* *A Government of India (Ministry of Railway) Enterprise*	
PROJECT OFFICE (ALD)		**PROJECT OFFICE/W (ALD)**		**HEADQUARTER OFFICE**	
TEAM LEADER		CGM		GGM/GM/S&T	
DY. TEAM LEADER (S&T)		GM/DY. CPM/S&T		AM/S&T	
SR. SIGNAL DESIGN ENGINEER		DPM/APM/S&T		GGM/OP. & SAFETY	
		APM/TRAFFIC		AM/OP.	