NO. OF ROUTES : 4S Case No.:NS-Sig/Elevat_F/UNDER LOOP Field Unit:- DY. CSTE/C-I/LKO

EXTENSION OF EXISTING LOOP LINE LENGTH TO 1050m IN CW1 LONGER LOOP LINE WORK.

RAIL 24+0.0.2022	
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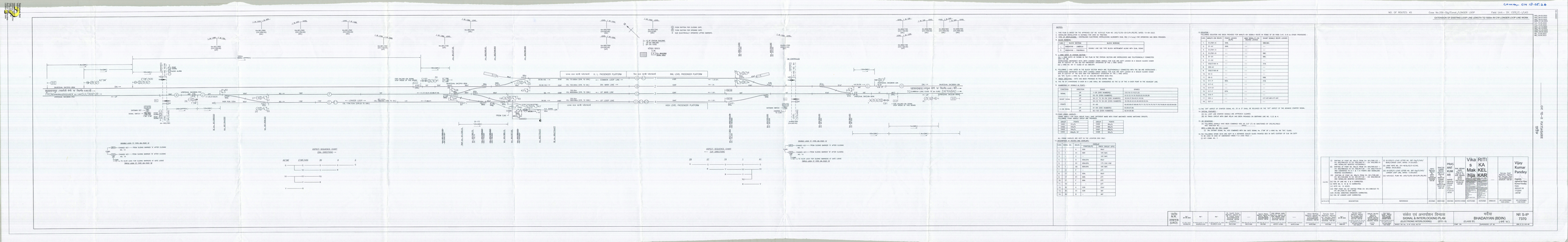
ASPECT SEQUENCE CHART
(DN. DIRECTION)
ASPECT SEQUENCE CHART
(UP DIRECTION)
NOTES
1. RAIL FILM IS BASED ON THE APPROVED SOF NO. N.R.S.K.E. FILM NO. 1972/T/22-23/S.PL/R1/RQ, DATED. 13-06-2022.
2. SIGNALLING INSTALLATION IS SUITABLE FOR 25KV AC TRACTION.
3. ALL DISTANCES ARE APPROXIMATE. FOR EXACT DISTANCES REFER INTERLOCKING ALIGNMENT PLAN, RDSO/T-11/xx(xx) FOR SPEEDWISE AND BESS PROVIDED.
4. BLOCK SECTIONS :-
S.NO.	BLOCK SECTIONS	BLOCK WORKING
1.	BHADAYAN - ZAITAKHU	DOUBLE LINE SIDE TYPE BLOCK INSTRUMENT ALONG WITH SIGNAL TOKEN
2.	BHADAYAN - (TAKHELA)	
5. LC GATE MODE OF POSITION SETTING :-
ALL LC GATES WITH IN SIGNAL IS TO BE PLAN IN THE STATION BUTTON AND INTERLOCKED AND ELECTRONICALLY CONNECTED WITH/WITHOUT CONTINUITY WITH LOOP CLOSED CIRCUIT SIGNALLING FOR ALL ONE WAY CLOSED IN A SINGLE CLOSED CIRCUIT OF LC GATE AND ITS CONTROLLING SIGNAL AS PER RDSO/SPN/192/2019 CLAUSE 3.2.
ALL LC GATES ON THE 'C' ZONE OF AN BELOW.
6. FOLLOWING 2 (TWO) GATES IN THE BLOCK SECTION WHICH ARE ELECTRONICALLY CONNECTED WITH THE UP AND DOWN SIGNALS/ INTERLOCKED WITH THE STATION BUTTON AND INTERLOCKED WITH THE STATION BUTTON AND ELECTRONICALLY CONNECTED WITH THE UP AND DOWN SIGNALS AS PER RDSO/SPN/192/2019 CLAUSE 3.2.
ALL LC GATES ON THE 'C' ZONE OF AN BELOW.
7. RADIO DIRECTIONS :- RTC HAS BEEN PROVIDED IN THE ENTIRE YARD.
8. THE TPC IS CONSTRUCTED IN-HOUSE IN A LINE SMALL BE CONSIDERED AS THE TPC OF THE A-CABIN POINT IN THE ADJACENT LINE.
9. DIAMONDING OF SIGNALS & POINTS :-
		RANGE	SIGNALS
CROSSING	2A	1-UP, DOWN RUNNING	2,4,6,8,10,12,14,16
	2B	UP/DN (OPEN RUNNING)	2,4,6,8,10,12,14,16,18,20
POINT NOS.	1	UP/DN (OPEN RUNNING)	1A,3A,5A,7A,9A,11A,13A,15A
	2	UP/DN (OPEN RUNNING)	1A,3A,5A,7A,9A,11A,13A,15A
POINTS	----	UP/DN	1A,3A,5A,7A,9A,11A,13A,15A,17A,19A,21A,23A,25A,27A,29A,31A,33A,35A,37A,39A
SIDING	----	UP/DN (OPEN RUNNING)	2,4,6,8,10,12,14,16
S.LINE (SIDING)	UP	UP/DN (OPEN RUNNING)	2,4,6,8,10,12,14,16
10. FIXED SIGNAL DISTANCE :-
FROM LAST OUTER SIGNAL TO FIRST OUTER SIGNAL WHEN BOTH ARE FROM ADJACENT SIDINGS, ADJACENT MAIN LINES, ADJACENT MAIN AND SIDING, OPPOSITE SIDINGS, OPPOSITE MAIN LINES, OPPOSITE MAIN AND SIDING, BETWEEN SPLOTS.
GROUP	POINTS	GROUP	POINTS
1GP	1A,3A,5A	4GP	13A,15A
2GP	7A,9A	5GP	17A,19A
3GP	11A,13A	6GP	21A,23A
4GP	15A,17A	7GP	25A,27A
5GP	19A,21A	8GP	29A,31A
6GP	23A,25A	9GP	33A,35A
7GP	27A,29A	10GP	37A,39A
11. ALL CROSS OVERLAPS ARE NOT IN THE LOCKING BOX ONLY.
12. ADJUSTMENT OF OVERLAP AND DISTANCE :-
S.No.	SIGNAL NO.	BLOCK	OVERLAP IN POINTS/MTS.	DISTANCE FROM CENTRE OF POINTS
1.	1	UP	1A	180 MTS.
2.	3	UP	3A	180 MTS.
3.	5	UP	5A	180 MTS.
4.	7	UP	7A	180 MTS.
5.	9	UP	9A/LEVEL	170 MTS.
6.	11	UP	11A/LEVEL	170 MTS.
7.	13	UP	13A	180 MTS.
8.	15	UP	15A	180 MTS.
9.	17	UP	17A	180 MTS.
10.	19	UP	19A	180 MTS.
11.	21	UP	21A	180 MTS.
12.	23	UP	23A	180 MTS.
13.	25	UP	25A	180 MTS.
14.	27	UP	27A	180 MTS.
15.	29	UP	29A	180 MTS.
16.	31	UP	31A	180 MTS.
17.	33	UP	33A	180 MTS.
18.	35	UP	35A	180 MTS.
19.	37	UP	37A	180 MTS.
20.	39	UP	39A	180 MTS.
13. STATION :-
FOLLOWING STATION ARE BEEN PROVIDED FOR BOARDS ON SINGLE SIDED IN TERMS OF 20 YEAR T.VT. 5.5% & OTHER PROVISIONS :-
S.NO.	STATION	PLATFORM LENGTH	PLATFORM WIDTH	SHORT FORMED TRAINS LENGTH
1.	ELLORA	500.	---	9BG+4AC
2.	ELLORA	---	---	---
3.	ELLORA	---	---	---
4.	ELLORA	---	---	9BG
5.	ELLORA	---	---	9BG
6.	ELLORA	---	---	---
7.	ELLORA	---	---	9BG
8.	ELLORA	---	---	9BG
9.	ELLORA	---	---	---
10.	ELLORA	---	---	---
11.	ELLORA	---	---	---