NO. OF ROUTES: Drawn No. 2700-Sig/ELC/MP/14/00 Field S/W :- 3.4 USOS_FUSIONS_CMT

PROVISION OF FIBER PATCH PTI ON GOODS LOADING LINE TO CENTRAL ARRIVAL TO PLACEMENT TRAY ALONGWITH DISTRIBUTED ELECTRONIC INTERLOCKING

NOTE:

1. THE PLAN IS BASED ON THE APPROVED SOP NO. S/ELC/ /14 DT. 07/10/15 & S/ELC/ /14 DT.16/12/15.
2. CONSULT OPERATIONS & SITEPACK FOR DETAILS.
3. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.
4. ROUTE SETTING :- 2 ROUTE IS BEING SET FOR 2 NO OF TRAIN FROM ONE ELL1 SIGNAL TO ONE ELL2 SIGNAL.
5. BLOCK SECTION :-

S. No.	BLOCK SECTION	BLOCK DISTANCE
1.	HARTHA TUTUKUDI JUNCTION - SHANKAR NAGAR	5KM
2.	HARTHA TUTUKUDI JUNCTION - SHANKAR NAGAR	SINGLE LINE BLOCK PANEL CROSS OVER ALONGWITH INTERLOCKING

6. TRACK CIRCUITING :- 25 KHTZ AC MODEL AXLE BASED TRACKCKTS IN THE SIGNAL AREA.
7. TRACK CIRCUIT IDENTIFICATION NUMBER :- THE TRACK CIRCUITS IN THE SIGNAL AREA ARE IDENTIFIED AS PER THE TRACK CIRCUITING AND NUMBERING OF TRACKS & ROAD.

FUNCTIONS	DIRECTION	TRACKS	LETTERS
ARRIVAL	UP	1 TO 4TH (EXCEPT)	1T,2T,3T,4T,5T,6T,7T,8T,9T,10T
	DN	1DN,2DN,3DN,4DN,5DN,6DN,7DN,8DN,9DN,10DN	1DN,2DN,3DN,4DN,5DN,6DN,7DN,8DN,9DN,10DN
ROAD SIGNAL	UP	1ST, 2ND, 3RD, 4TH, 5TH, 6TH, 7TH, 8TH, 9TH, 10TH	1T,2T,3T,4T,5T,6T,7T,8T,9T,10T
	DN	1DN,2DN,3DN,4DN,5DN,6DN,7DN,8DN,9DN,10DN	1DN,2DN,3DN,4DN,5DN,6DN,7DN,8DN,9DN,10DN
DEPARTURE	UP	1ST, 2ND, 3RD, 4TH, 5TH, 6TH, 7TH, 8TH, 9TH, 10TH	1T,2T,3T,4T,5T,6T,7T,8T,9T,10T
	DN	1DN,2DN,3DN,4DN,5DN,6DN,7DN,8DN,9DN,10DN	1DN,2DN,3DN,4DN,5DN,6DN,7DN,8DN,9DN,10DN
2 NO. SIDING	UP	101, 102 (EXIT SIGNALS)	
	DN	201, 202 (EXIT SIGNALS)	

8. ROAD SIGNAL INDICATOR :-
(a) ALL ROAD SIGNALS ARE MULTI ASPECT COLOR LIGHT TYPE SIGNALS WITH HIGH POWER LED'S WHICH GIVES ASPECTS AS UNDER.

ASPECT	POSITION	ASPECT	POSITION
YELLOW	45°LH	YELLOW	45°RH
YELLOW	45°LH	YELLOW	45°RH
YELLOW	45°LH	YELLOW	45°RH
YELLOW	45°LH	YELLOW	45°RH
YELLOW	45°LH	YELLOW	45°RH
YELLOW	45°LH	YELLOW	45°RH
YELLOW	45°LH	YELLOW	45°RH
YELLOW	45°LH	YELLOW	45°RH
YELLOW	45°LH	YELLOW	45°RH
YELLOW	45°LH	YELLOW	45°RH

ALL ROAD SIGNALS ARE HAVE IN THE LOCATION BOX ONLY.

(b) DESCRIPTION OF ROUTE ON GROUND :-

From	SIGNAL NO.	ROUTE	Proceed to	ROUTE LENGTH (APPX)
1	1	1	1DN	1ST
2	1	2	1DN	1ST
3	1	3	1DN	1ST
4	1	4	1DN	1ST
5	1	5	1DN	1ST
6	1	6	1DN	1ST
7	1	7	1DN	1ST
8	1	8	1DN	1ST
9	1	9	1DN	1ST
10	1	10	1DN	1ST
11	1	11	1DN	1ST
12	1	12	1DN	1ST
13	1	13	1DN	1ST
14	1	14	1DN	1ST
15	1	15	1DN	1ST
16	1	16	1DN	1ST
17	1	17	1DN	1ST
18	1	18	1DN	1ST
19	1	19	1DN	1ST
20	1	20	1DN	1ST
21	1	21	1DN	1ST
22	1	22	1DN	1ST
23	1	23	1DN	1ST
24	1	24	1DN	1ST
25	1	25	1DN	1ST
26	1	26	1DN	1ST
27	1	27	1DN	1ST
28	1	28	1DN	1ST
29	1	29	1DN	1ST
30	1	30	1DN	1ST
31	1	31	1DN	1ST
32	1	32	1DN	1ST
33	1	33	1DN	1ST
34	1	34	1DN	1ST
35	1	35	1DN	1ST
36	1	36	1DN	1ST
37	1	37	1DN	1ST
38	1	38	1DN	1ST
39	1	39	1DN	1ST
40	1	40	1DN	1ST
41	1	41	1DN	1ST
42	1	42	1DN	1ST
43	1	43	1DN	1ST
44	1	44	1DN	1ST
45	1	45	1DN	1ST
46	1	46	1DN	1ST
47	1	47	1DN	1ST
48	1	48	1DN	1ST

(c) DESCRIPTION OF LOC ARRIVAL FOR ROUTE INDICATOR PROVIDED IN THE CABIN.
(i) ROUTE INDICATOR IN SIGNAL NO. 1A.
(ii) ROUTE INDICATOR IN SIGNAL NO. 2A.

9. SIGNALS :-
(a) ALL SIGNALS DELIVERED AND BOTH PROVIDED FOR WHEELS ON SIGNALS PLACED IN TERMS OF AT THEN 3.0 M. & OTHER PROVIDED

SIGNAL No.	WHEELS ON SIGNAL	SIGNAL DISTANCE FROM CENTRE OF TRACK	SIGNAL DISTANCE FROM CENTRE OF TRACK	SIGNAL DISTANCE FROM CENTRE OF TRACK
1	2	1.5M	1.5M	1.5M
2	2	1.5M	1.5M	1.5M
3	2	1.5M	1.5M	1.5M
4	2	1.5M	1.5M	1.5M
5	2	1.5M	1.5M	1.5M
6	2	1.5M	1.5M	1.5M
7	2	1.5M	1.5M	1.5M
8	2	1.5M	1.5M	1.5M
9	2	1.5M	1.5M	1.5M
10	2	1.5M	1.5M	1.5M
11	2	1.5M	1.5M	1.5M
12	2	1.5M	1.5M	1.5M
13	2	1.5M	1.5M	1.5M
14	2	1.5M	1.5M	1.5M
15	2	1.5M	1.5M	1.5M
16	2	1.5M	1.5M	1.5M
17	2	1.5M	1.5M	1.5M
18	2	1.5M	1.5M	1.5M
19	2	1.5M	1.5M	1.5M
20	2	1.5M	1.5M	1.5M
21	2	1.5M	1.5M	1.5M
22	2	1.5M	1.5M	1.5M
23	2	1.5M	1.5M	1.5M
24	2	1.5M	1.5M	1.5M
25	2	1.5M	1.5M	1.5M
26	2	1.5M	1.5M	1.5M
27	2	1.5M	1.5M	1.5M
28	2	1.5M	1.5M	1.5M
29	2	1.5M	1.5M	1.5M
30	2	1.5M	1.5M	1.5M
31	2	1.5M	1.5M	1.5M
32	2	1.5M	1.5M	1.5M
33	2	1.5M	1.5M	1.5M
34	2	1.5M	1.5M	1.5M
35	2	1.5M	1.5M	1.5M
36	2	1.5M	1.5M	1.5M
37	2	1.5M	1.5M	1.5M
38	2	1.5M	1.5M	1.5M
39	2	1.5M	1.5M	1.5M
40	2	1.5M	1.5M	1.5M
41	2	1.5M	1.5M	1.5M
42	2	1.5M	1.5M	1.5M
43	2	1.5M	1.5M	1.5M
44	2	1.5M	1.5M	1.5M
45	2	1.5M	1.5M	1.5M
46	2	1.5M	1.5M	1.5M
47	2	1.5M	1.5M	1.5M
48	2	1.5M	1.5M	1.5M

10. THE DIST. ASPECT OF 4 STARTER SIGNAL SHALL BE RELEASED BY THE ASST. STATION MASTER.
11. SPECIAL FEATURES :-
(a) ALL THE ROAD SIGNALS ARE PROVIDED WITH APPROACH CLEARING.
(b) THE ROAD SIGNALS WITH DWARF SIGNALS ARE PROVIDED AT ALL ENTRANCE WITH A DISTANCE OF 45M APPROX.
12. PT. SIGNALING :-
(a) THE SIGNALS MARKED WITH RED'S COLOURED ON BLACK BOARD AND RED ON SIGNAL AS SHOWN IN PANEL/PLAN.
(b) SIGNAL NO. 1A
(i) TRIPOINT SIGNAL NO 1DN

SIGNAL No.	ROUTE	ROUTE LENGTH (APPX)	TRACK CIRCUIT (APPX)
1A	1	1DN	1ST
1A	2	1DN	1ST
1A	3	1DN	1ST
1A	4	1DN	1ST
1A	5	1DN	1ST
1A	6	1DN	1ST
1A	7	1DN	1ST
1A	8	1DN	1ST
1A	9	1DN	1ST
1A	10	1DN	1ST
1A	11	1DN	1ST
1A	12	1DN	1ST
1A	13	1DN	1ST
1A	14	1DN	1ST
1A	15	1DN	1ST
1A	16	1DN	1ST
1A	17	1DN	1ST
1A	18	1DN	1ST
1A	19	1DN	1ST
1A	20	1DN	1ST
1A	21	1DN	1ST
1A	22	1DN	1ST
1A	23	1DN	1ST
1A	24	1DN	1ST
1A	25	1DN	1ST
1A	26	1DN	1ST
1A	27	1DN	1ST
1A	28	1DN	1ST
1A	29	1DN	1ST
1A	30	1DN	1ST
1A	31	1DN	1ST
1A	32	1DN	1ST
1A	33	1DN	1ST
1A	34	1DN	1ST
1A	35	1DN	1ST
1A	36	1DN	1ST
1A	37	1DN	1ST
1A	38	1DN	1ST
1A	39	1DN	1ST
1A	40	1DN	1ST
1A	41	1DN	1ST
1A	42	1DN	1ST
1A	43	1DN	1ST
1A	44	1DN	1ST
1A	45	1DN	1ST
1A	46	1DN	1ST
1A	47	1DN	1ST
1A	48	1DN	1ST

| NOTED | | |