सेन्ट्रल
CENTRAL

N

NOTE:

I) MULTI SECTION DIGITAL AXLE COUNTER IN DUAL WITH AFTC HAVE BEEN PROVIDED.
II) EVERY AUTOMATIC SIGNAL IS CONTROLLED BY RESPECTIVE TRACK SECTION/TRACK CIRCUIT AND ASPECT OF THE SIGNAL AHEAD.
III) EACH TRACK SECTION COMMENCES FROM THE FOOT OF THE SIGNAL AND ENDS ATLEAST 90M BEYOND THE NEXT AUTOMATIC/ SEMI AUTOMATIC SIGNAL IN ADVANCE IN THE STRAIGHT ROUTE, UNLESS OTHERWISE SPECIFIED. MULTIPLE AFTC TRACK CIRCUITS IN SERIES ARE PROVIDED IN PARALLEL WITH THOSE TRACK SECTIONS.
IV) MAGNETO TELEPHONES ARE PROVIDED AT PANEL ROOM AND THEY ARE CONNECTED WITH PANEL ROOMS OF CENTRAL AND SHYAMBAZAR.
V) MAGNETO PHONES ARE ALSO PROVIDED AT THE FOOT OF THE DESPATCH SIGNAL NO. AS-1664N SECTION KMHR-KCEN AND SIGNAL NO. 1863 IN SEC KCWC-KCEN FOR COMMUNICATION BETWEEN MOTORMAN AT D CLASS STATION AND PANEL OPERATOR.
VI) CONTROL TELEPHONES ARE PROVIDED WITH PANEL, SM AND TS/SS ROOMS.
VII) ALL TURNOUTS ARE 1 IN 10.
VIII) LED LAMPS ARE PROVIDED FOR SIGNAL LIGHTING AND LED 'A' MARKERS ARE PROVIDED IN SEMI AUTOMATIC SIGNALS.
XI) SEPERATE INDICATION PANEL HAS BEEN PROVIDED TO INDICATE STATUS OF AFTC & MSDAC.

SPECIAL INSTRUCTIONS / APPROVED SPECIAL INSTRUCTIONS

SL. NO.	INSTRUCTIONS	AUTHORITY	ISSUED BY	DATE	REMARKS

ALT.NO.	DESCRIPTION	REFERENCE	CHECKED			APPROVED		DATE OF COMM.	CRS SANCTION NO. & DATE
			SSE/DRG	SSE/S/PLG&STE/W	SSTE/M	f C S T E	f C O M		
1	REPLACEMENT OF POINT OPERATION SWITCHES WITH POINT OPERATION BUTTONS.	AS PER INSTRUCTION OF CSTE	01/11/16	02.12.16	6/12/16	6.12.16	09/12/16		

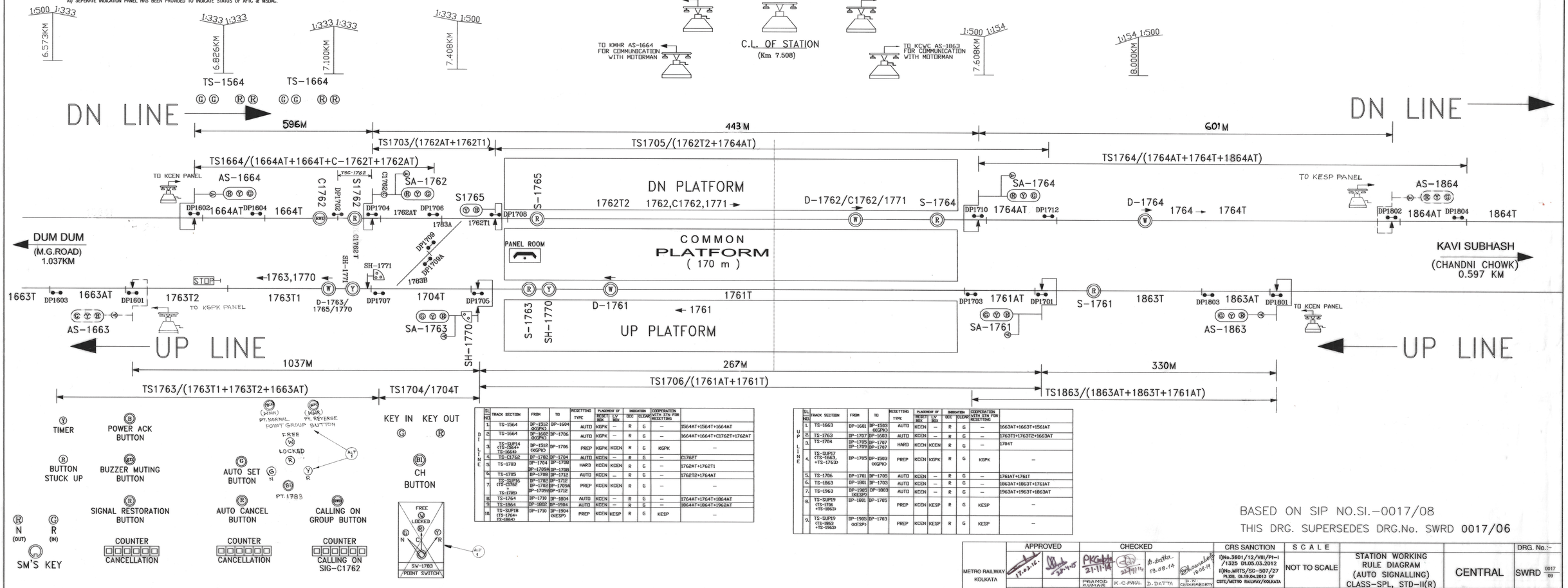
TO GIRISH PARK — CNL — TO ESPLANADE

TO KMHR AS-1664 FOR COMMUNICATION WITH MOTORMAN

C.L. OF STATION (Km 7.508)

TO KCVC AS-1863 FOR COMMUNICATION WITH MOTORMAN

1:500 1:333 — 6.573KM — 1:333 1:333 — 6.826KM — TS-1564 — 1:333 1:333 — 7.100KM — TS-1664 — 1:333 1:500 — 7.408KM — 1:500 1:154 — 7.608KM — 1:154 1:500 — 8.000KM



SL. NO.	TRACK SECTION	FROM	TO	RESETTING TYPE	PLACEMENT OF RESETT ING	LV DEV	INDICATION DCC	INDICATION CLEAR	COOPERATION WITH STN FOR RESETTING	
DN LINE 1.	TS-1564	DP-1512 (KGPK)	DP-1604	AUTO	KGPK	–	R	G	–	1564AT+1564T+1664AT
2.	TS-1664	DP-1602 (KGPK)	DP-1706	AUTO	KGPK	–	R	G	–	1664AT+1664T+C1762T+1762AT
3.	TS-SUP14 (TS-1564 TS-1664)	DP-1512 (KGPK)	DP-1706	PREP	KGPK	KCEN	R	G	KGPK	–
4.	TS-C1762	DP-1702	DP-1704	AUTO	KCEN	–	R	G	–	C1762T
5.	TS-1703	DP-1704	DP-1708	HARD	KCEN	KCEN	R	G	–	1762AT+1762T1
6.	TS-1705	DP-1708	DP-1712	AUTO	KCEN	–	R	G	–	1762T2+1764AT
7.	TS-SUP16 (TS-C1762 TS-1765)	DP-1702 DP-1708	DP-1712 DP-1709A DP-1712	PREP	KCEN	KCEN	R	G	–	–
8.	TS-1764	DP-1710	DP-1804	AUTO	KCEN	–	R	G	–	1764AT+1764T+1864AT
9.	TS-1864	DP-1802	DP-1904	AUTO	KCEN	–	R	G	–	1864AT+1864T+1962AT
10.	TS-SUP18 (TS-1764+ TS-1864)	DP-1710	DP-1904 (KESP)	PREP	KCEN	KESP	R	G	KESP	–

SL. NO.	TRACK SECTION	FROM	TO	RESETTING TYPE	PLACEMENT OF RESET AXX	LV DEV	INDICATION DCC	INDICATION CLEAR	COOPERATION WITH STN FOR RESETTING	
UP LINE 1.	TS-1663	DP-1601	DP-1503 (KGPK)	AUTO	KCEN	–	R	G	–	1663AT+1663T+1561AT
2.	TS-1763	DP-1707	DP-1603	AUTO	KCEN	–	R	G	–	1663T+1763T2+1663AT
3.	TS-1704	DP-1705 DP-1709	DP-1797 DP-1797	HARD	KCEN	KCEN	R	G	–	1704T
4.	TS-SUP17 (TS-1663, +TS-17630	DP-1705	DP-1503 (KGPK)	PREP	KCEN	KGPK	R	G	KGPK	–
5.	TS-1706	DP-1701	DP-1705	AUTO	KCEN	–	R	G	–	1761AT+1761T
6.	TS-1863	DP-1801	DP-1703	AUTO	KCEN	–	R	G	–	1863AT+1863T+1761AT
7.	TS-1963	DP-1905 (KESP)	DP-1803	AUTO	KCEN	–	R	G	–	1963AT+1963T+1863AT
8.	TS-SUP19 (TS-1706 +TS-1863)	DP-1801	DP-1705	PREP	KCEN	KESP	R	G	KESP	–
9.	TS-SUP19 (TS-1863 +TS-1963)	DP-1905 (KESP)	DP-1703	PREP	KCEN	KESP	R	G	KESP	–

Y TIMER
B POWER ACK BUTTON
R BUTTON STUCK UP
BUZZER MUTING BUTTON
R SIGNAL RESTORATION BUTTON
COUNTER CANCELLATION
G AUTO SET BUTTON
AUTO CANCEL BUTTON
COUNTER CANCELLATION
CALLING ON GROUP BUTTON
COUNTER CALLING ON SIG-C1762
R N (OUT) G R (IN) SM'S KEY
PT.NORMAL POINT GROUP BUTTON
PT.REVERSE
FREE LOCKED
PT.1783
KEY IN KEY OUT
G R
BI CH BUTTON
FREE LOCKED N C R
SW-1783 /POINT SWITCH

BASED ON SIP NO.SI.-0017/08
THIS DRG. SUPERSEDES DRG.No. SWRD 0017/06

	APPROVED		CHECKED				CRS SANCTION	SCALE		DRG. No.:-
METRO RAILWAY KOLKATA	17.02.16	22.2.16	PKG 21.11.16	23/11/16	D.Datta 19.08.14	R.N.Chakraborty 19.08.14	i)No.3601/12/VIII/PH-I /1325 DI.05.03.2012 ii)No.MRTS/SC-507/27 PH.08. DI.19.04.2013 OF CSTE/METRO RAILWAY/KOLKATA	NOT TO SCALE	STATION WORKING RULE DIAGRAM (AUTO SIGNALLING) CLASS-SPL, STD-II(R)	CENTRAL SWRD 0017/09
	FOR COM	FOR CSTE	PRAMOD KUMAR SSTE/PLG	K.C.PAUL ASTE/C-I	D.DATTA SSE/S/PLG	R.N. CHAKRABORTY SSE/DRG/S&T				

1A