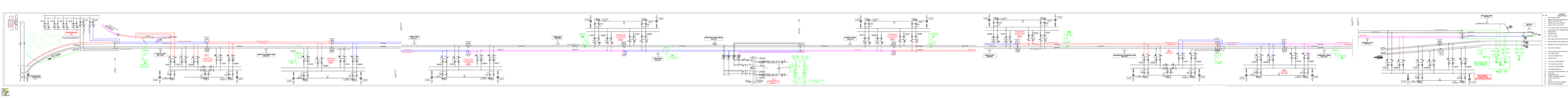

WEST CENTRAL RAILWAY
KM: 1021 / 461.00
KUSHTALA (KTA)
S.B.
R L P F
TO KOTA LINE(WCR)
TO JP LINE(NWR)
SP MOTORIZED ISOLATOR
SAWAIMADHOPUR SSP
NOTE:-PROP. SWM SSP(WCR)USE FOR BM ADD &SUPPLY (NWR)JP LINE
SWM BY PASS LINE
TO KUSTHALA
UP MN
DN MN
TO SWM
SAWAIMADHOPUR (SWM) KM.0.00
2X25 KV FEEDER (EXT. LINE)
UNWIRED
TO DPZ GOODS LINE
PROPOSED FEEDER 2X25 KV
PROPOSED LINE
DPZ SSP 1X25 KV KM
DPZ SSP 1X25 KM 10/210.10
2/620.00
DEVPURA (DPZ) KM. 10.85
DP MOTORIZED ISOLATOR
PTFE
DPZ/SP 2x25 KM:11/875.00
16.5 MVA AUTO TRANSFORMER WITH BUSHING CTs
10KVA, 25KV/240V LT SUPPLY TRANSFORMER
25 KV D.P. V.C.B.
To Rail
CHAUTH KA BAWARA (CKB) KM.21.85
CKB SP 1X25 KV KM 23/300.00
CKB SSP 2x25 KM:23/541.00
CUT CONNECTION 29/752.855
CUT CONNECTION 29/356.45
SURELI (SURL) KM.31.03
UP MN LINE
DN MN LINE
ISA/SSP 2x25 KM:38/625.00
ISARDA(ISA) KM.39.68
EXISTING LINE
ISA SSP 1X25 KV KM 40/150.00
SRAS/SSP 2x25 KM:49/30.00
SIRAS (SRAS) KM.49.94
SRAS SSP 1X25 KV KM 50/240.00
BANASTHALI NIWAI (BNLW) KM.65.49
132 KV INCOMING
To Buried Rail
CKT-2
CKT-I
BANASTHALI NIWAI TSS 2x25 KM 66/740.00
BANASTHALI NIWAI TSS 1X25 KV KM 67/490.00
67/774.00
PTFE (KM:67/774.00)
CHANANI (CHNN) KM.78.49
CHN/SSP2x25 KM:79/17.50
CHNN SSP 1X25 KV KM 79/130.00
CHAKSU (CKS) KM.88.90
CKS/SSP 2x25 KM:89/235.00
CKS SSP 1X25 KV KM 89/448.00
SHEODASPURA PADAMPURA (SAS) KM.102.17
SAS SP 2x25 KM:102/644.00
SAS SP 1X25 KV KM 103/450.00
PTFE CH:103/493.00
SANGANER (SNGN) KM.119.24
SNGN/SSP 2x25 KM:118/168.00
SNGN SSP 1X25KV KM 120/425.00
CUT CONNECTION 122/000.00
CUT CONNECTION 123/000.00
DURGAPURA (DPA) KM.124.03
UP MAIN
DN MAIN
GADJ ALWAR
BAIS GODAM (BSGD) KM.129.22
STABLING LINE
TANGENT TRACK KM:128/213.50
BAIS GODAM / SP KM: 129/500.00
BAIS GODAM / SSP(PROPOSED) KM: 129/350.00-405.00
BM 1035 (N/O)
BM 1036 (N/C)
BM 1037 (N/O)
BM 1038 (N/C)
BM 1039 (N/O)
SS 1007 NC
JAIPUR (JP) KM.131.27
JP END
SM 1023
SM 065
SM 064
LA
PT
DPI
INT.
C.B
SB

## LEGEND

| SL. No. | DESCRIPTION | SYMBOL |
|---|---|---|
| 1. | SECTION INSULATOR. | |
| 2. | SINGLE POLE ISOLATOR MANUALLY OPERATED. | |
| 3. | SINGLE POLE ISOLATOR | |
| 4. | DOUBLE POLE ISOLATOR(DPI) | |
| 5. | TRIPLE POLE ISOLATOR(TPI) | |
| 6. | 132 KV TRIPLE POLE ISOLATOR WITH EAERTH BLADE | |
| 7. | CUT-IN INSULATOR / TERMINATION INSULATOR. | |
| 8. | WIRED TRACK | |
| 9. | TRAMWAY OHE | |
| 10. | 2X25 KV FEEDER. | —f—f— |
| 11. | SECTIONING AND PARALLELING POST. | SP |
| 12. | SUB-SECTONING AND PARALLELING POST. | SSP |
| 13. | FEEDING POST AND SUB-STATION. | FP |
| 14. | INSULATED OVERLAP. | |
| 15. | INSULATED OVERLAP WITH ISOLATOR | |
| 16. | UN - WIRED TRACK. | |
| 17. | 25 KN DP INTERRUPTOR | |
| 18. | INTERRUPTOR | |
| 19. | AUXILIARY TRANSFORMER | |
| 20. | PTFE NEUTRAL SECTION | |
| 21. | POTENTIAL.TRANSFORMER | |
| 22. | LIGHTNING ARRESTER | |
| 23. | BY PASS ISOLATOR (NORMALLY OPEN) | SF |
| 24. | OHE MAST | |
| 25. | SERIES REACTOR | |
| 26. | CURRENT TRANSFORMER(CT) | |
| 27. | SHUNT CAPACITOR | |
| 28. | EARTH | |
| 29. | DOUBLE POLE CIRCUIT BRAKER | DPCB |
| 30. | TRACTION TRANSFORMER | |

**G S ENTERPRISES**
S-182 NARAYAN VIHAR MANSROVER
JAIPUR

SECTION-JP-SWM

DRG NO- JP-SWMGPSD / 01

NOTES:-

1) ALL CHAINAGES ARE WITH RESPECT TO KM STONE.
2) CHAINAGES OF SP,SSP,& FP&TSS WILL BE FINALISED AS PER SITE FEASIBILITY
3) 2X25 FEEDER SHOWN IN BLACK COLOUR EXISTING LINE &WORK SCOPE NWR PROJECT
4) DISMANTLED SP/SSP/TSS SHOWN IN GREEN COLOUR
5) PROPOSED DN MN LINE 2X25 KV FEEDER SHOWN IN DIFFERENT COLOUR
6) BAIS GODAM SSP WORK SCOPE NWR PROJECT

# GENERAL POWER SUPPLY DIAGRAM FOR SAWAIMADHOPUR(EXCL.) JAIPUR (EXCL.) ON 2X25 KV SUPPLY SYSTEM OF JAIPUR DIVISION

| DESIGNATION | SIGNATURE |
|---|---|
| CEDE/WCR | |
| CEDE/NWR | |
| CEE/C/JP | |
| DY. CEE/TRD/HQ/NWR | |
| Sr.DEE/TRD/KOTA | |
| Sr.DEE/TRD/JP | |
| DY. CEE/PROJECT/JP | |
| DY.CEE/C-II/JP | |
| DEE/C/JP | |
| | |
| For GS ENTERPRISES | |

SSE/C/JP
SSE/DRG./C/JP

**NORTH WESTERN RAILWAY**

**RAILWAY CONSTRUCTION**

| MOD | DATE | NATURE OF MOD. | SIG. | | DATE | NAME | |
|---|---|---|---|---|---|---|---|
| | | | | DRN | 22-6-2026 | B.L. SAINI | G S ENTERPRISES |
| | | | | CKD | 22-6-2026 | MS JAKHAR | SCALE : N T S |
| | | | | | | | |

IR

Signature Not Verified
Digitally signed by
RAM NIWAS KUMAR
Date: 2026.06.23
14:52:00 IST
Reason: IREPS-CRIS
Location: New Delhi