

- NOTES:-**
1. STATION CHAINAGES ARE FOR CENTER OF STATION
  2. LINKS FROM WDFC JUNCTION STATIONS TO INDIAN RAILWAY STATIONS ARE NOT SHOWN.
  3. OFC FOR OCC SHALL BE PROVIDED TO SABARMATI SOUTH OR SABARMATI NORTH AFTER SURVEY BY THE CONTRACTOR.

**LEGEND**

- OFC DISTRIBUTION FRAME 48-FIBER
- OPTICAL FIBER CABLE (MINOR / SECONDARY OFC CABLES ARE NOT SHOWN)
- STATION TER

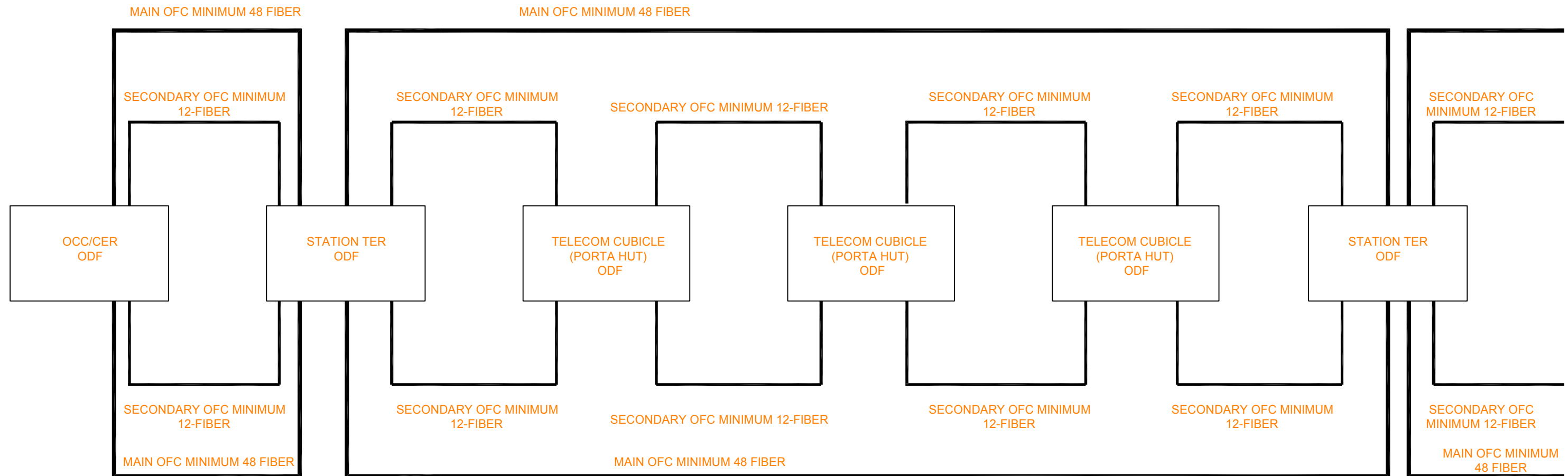
Project Title :  
**Dedicated Freight Corridor Project  
(Western Corridor Phase-1:  
Rewari - Vadodara Section)**



Client :  
  
**Dedicated Freight Corridor Corporation of India**  
(A GOVERNMENT OF INDIA UNDERTAKING)  
5th Floor, Pragati Maidan Metro Station Building,  
New Delhi-110001, INDIA

Drawing Title :  
**MAJOR OPTICAL FIBER CABLE  
NETWORK  
(INDICATIVE)**

Drawing Number :  
NKC-S&T-SSD-AL-20002 (VERSION-B)  
Scale :  
NTS  
Reference :  
-----  
Drawn By :  
Checked By :  
Approved By :

Consultant :  
  
**NK Consortium**  
4th Floor, Pragati Maidan Metro Station Building,  
New Delhi-110001, INDIA



 MINIMUM 48-FIBER MAIN OFC  
 MINIMUM 12-FIBER SECONDARY OFC

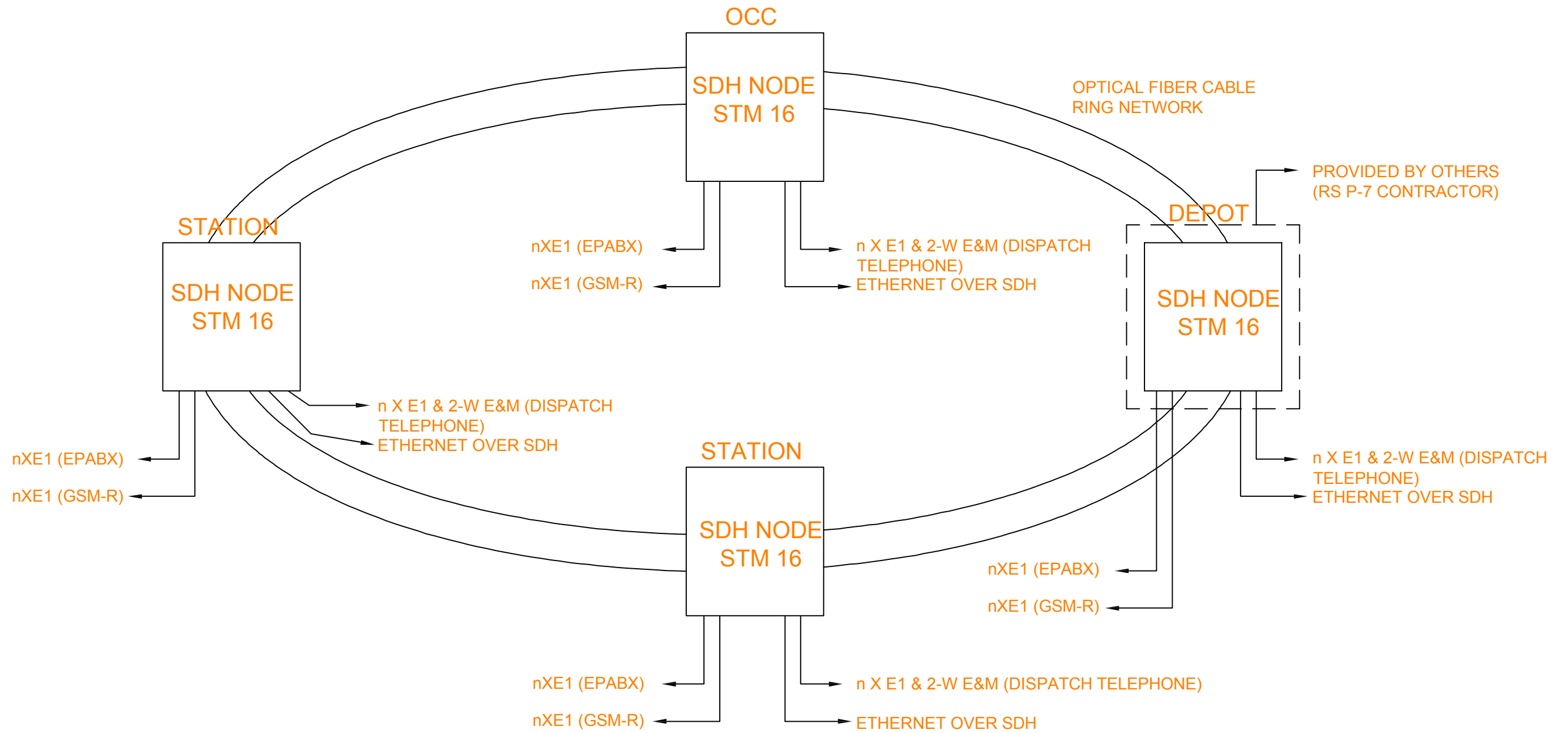
Project Title :  
Dedicated Freight Corridor Project  
(Western Corridor Phase-1:  
Rewari - Vadodara Section)

Client :  
 **Dedicated Freight Corridor Corporation of India**  
(A GOVERNMENT OF INDIA UNDERTAKING)  
 5th Floor, Pragati Maidan Metro Station Building,  
 New Delhi-110001, INDIA

Drawing Title :  
**TYPICAL ARRANGEMENT FOR  
 MAIN OFC & SECONDARY OFC  
 (INDICATIVE)**

Drawing Number : NKC-S&T-SSD-AL-20003 (VERSION-B)  
 Scale : NTS  
 Reference : -----  
 Drawn By : / / /  
 Checked By : / / /  
 Approved By : / / /

Consultant :  
 **NK Consortium**  
 4th Floor, Pragati Maidan Metro Station Building,  
 New Delhi-110001, INDIA



NOTE: 1. SDH NODE AT EACH STATION, ELMD AND OCC SHALL BE STM16 OR HIGHER.

Project Title :  
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Client :  
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5th Floor, Pragati Maidan Metro Station Building,  
New Delhi-110001, INDIA

Drawing Title :  
**TYPICAL SDH NODE ARRANGEMENT  
(INDICATIVE)**

Drawing Number :  
NKC-S&T-SSD-AL-20004 (VERSION-B)  
Scale :  
NTS  
Reference :  
-----  
Drawn By :  
Checked By :  
Approved By :

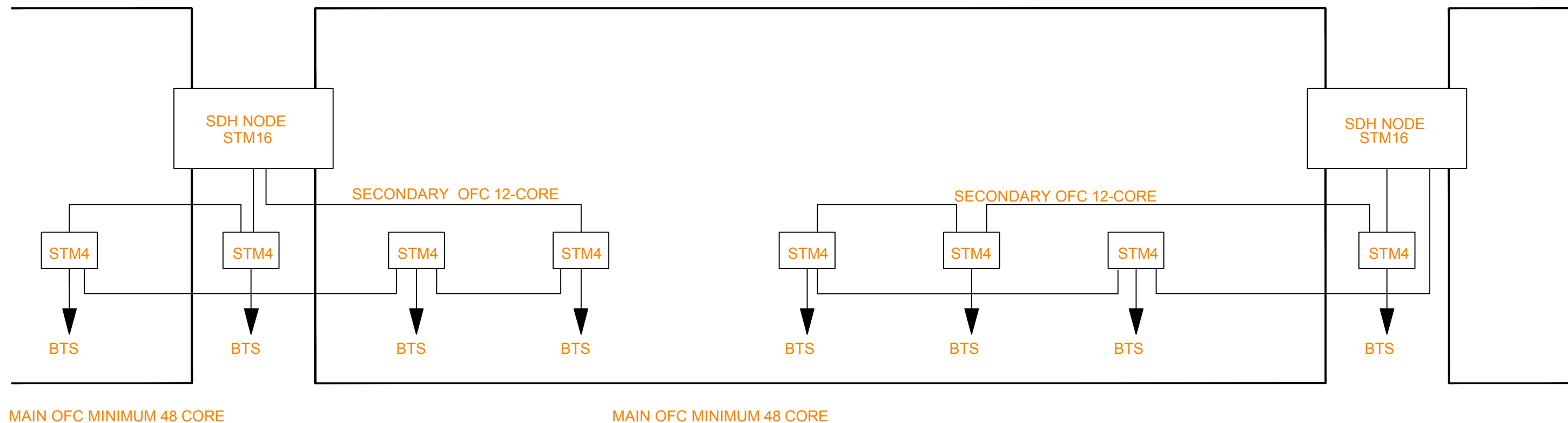
Consultant :  
 **NK Consortium**  
4th Floor, Pragati Maidan Metro Station Building,  
New Delhi-110001, INDIA

SHRI AMIRGRAH STN.

MAIN OFC MINIMUM 48 CORE

MAIN OFC MINIMUM 48 CORE

SWARUPGANJ STN.



- NOTE: 1. MAIN OFC 24 FIBERS CHANGED TO 48 FIBERS.  
 2. SDH NODE 'ADM' IN EACH PORTAHUT CHANGED TO STM4  
 3. SECONDARY SDH RINGS SHALL HAVE MAXIMUM  
 4 NODES EACH INCLUDING NODES OF THE STATION AND PORTAHUTS.

Project Title :  
 Dedicated Freight Corridor Project  
 (Western Corridor Phase-1:  
 Rewari - Vadodara Section)

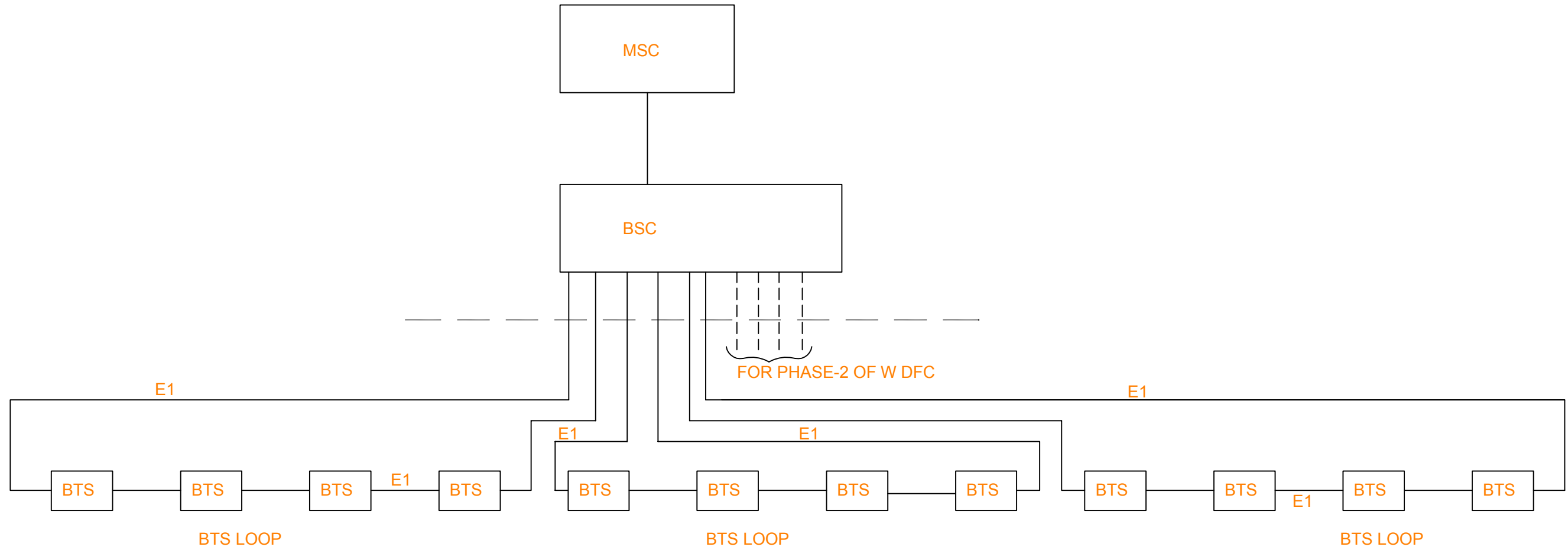
Client :  
  
**Dedicated Freight Corridor Corporation of India**  
(A GOVERNMENT OF INDIA UNDERTAKING)  
 5th Floor, Pragati Maidan Metro Station Building,  
 New Delhi-110001, INDIA

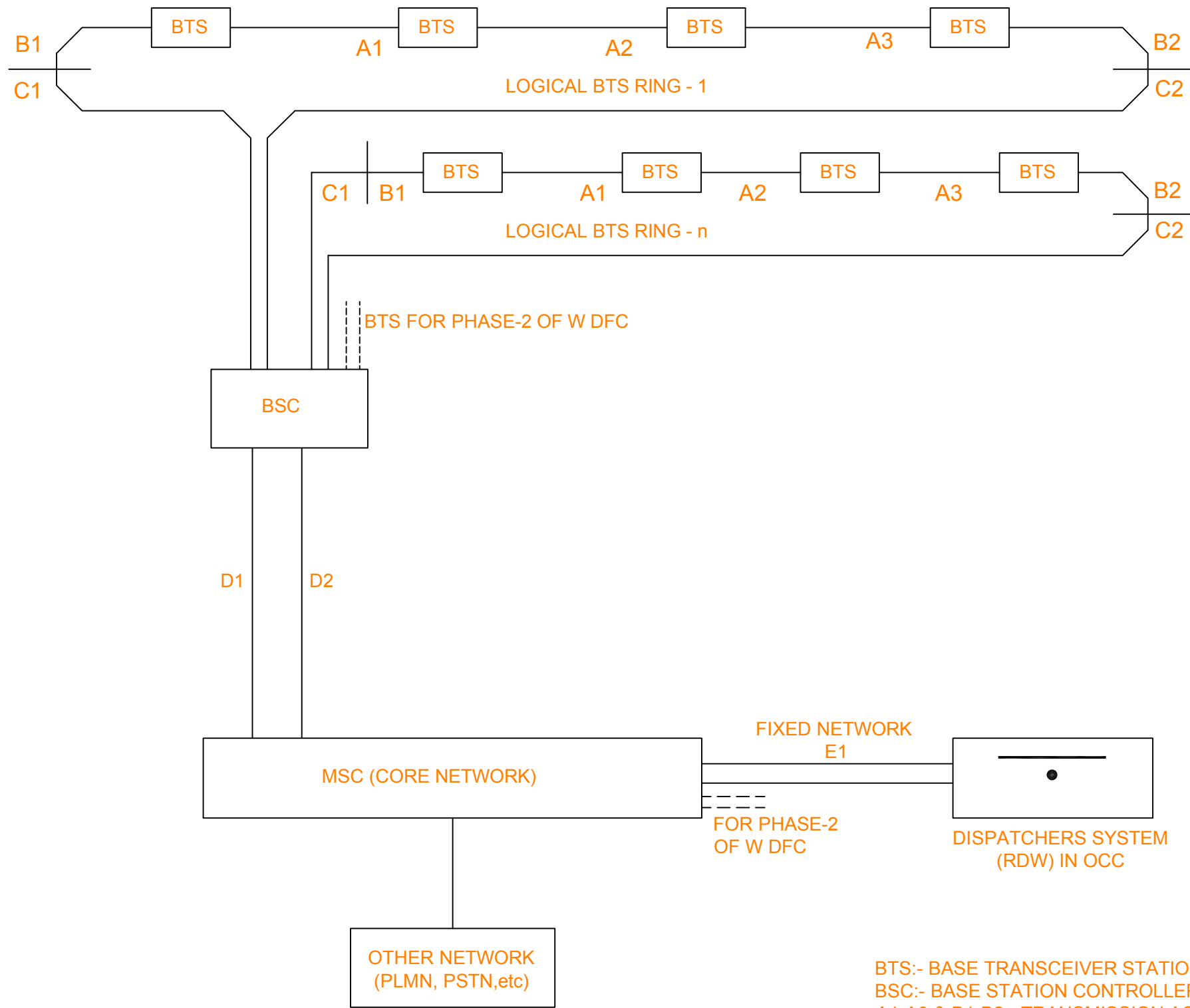
Drawing Title :  
**TYPICAL ARRANGEMENT FOR  
 SECONDARY OFC  
 (SDH RING NETWORK)  
 (INDICATIVE)**

Drawing Number : NKC-S&T-SSD-AL-20005 (VERSION-B)  
 Scale : NTS  
 Reference : -----  
 Drawn By : / / /  
 Checked By : / / /  
 Approved By : / / /

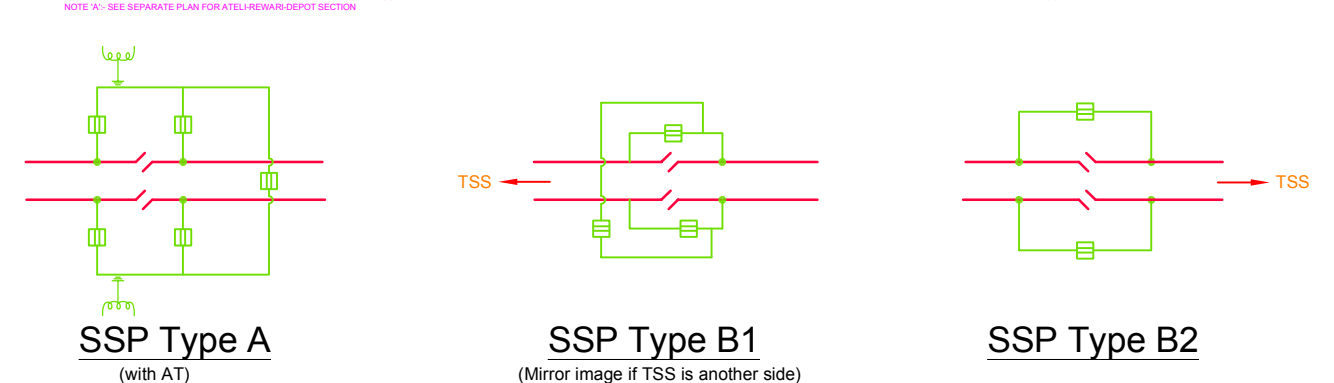
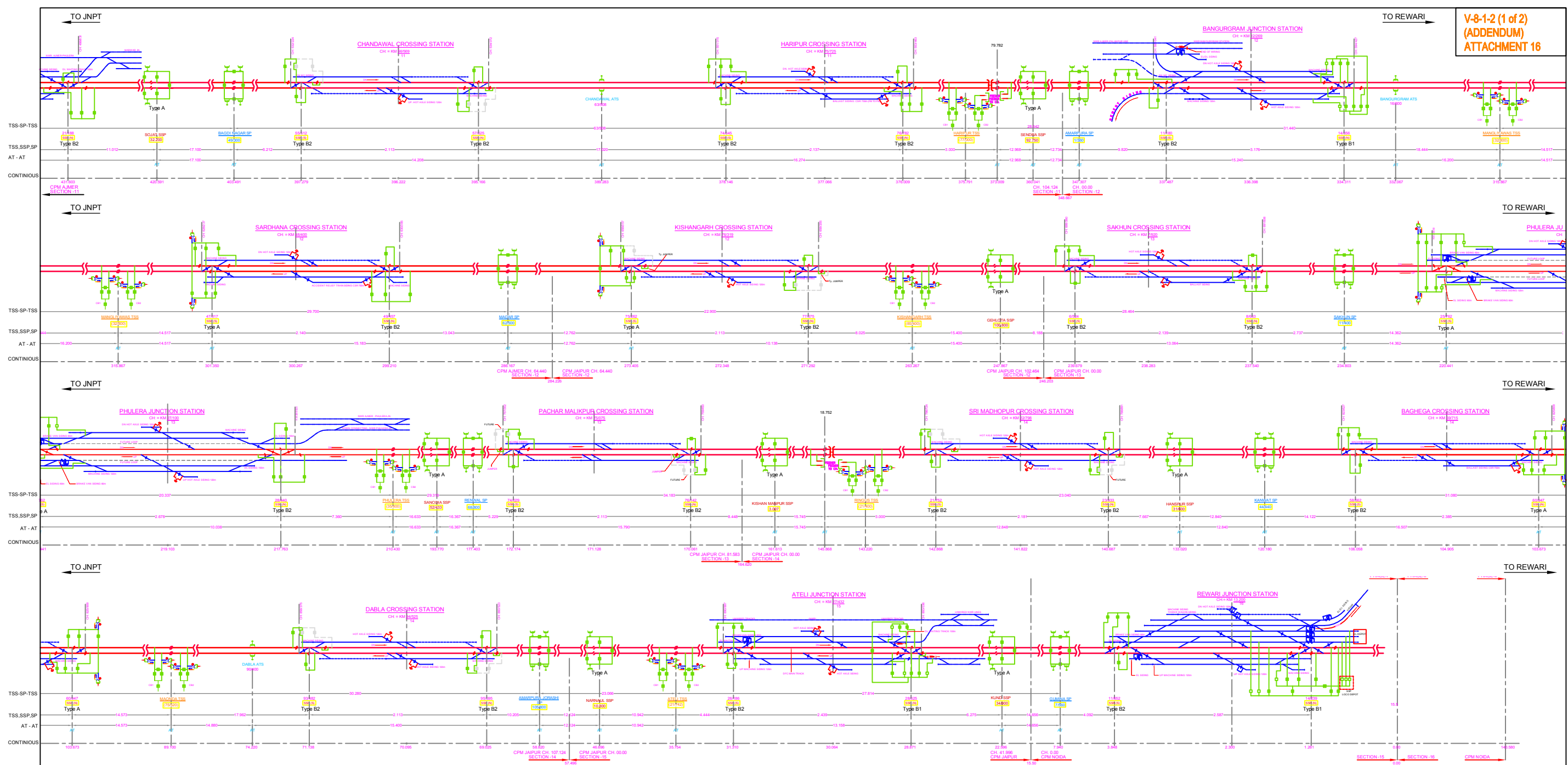
Consultant :  
 **NK Consortium**  
 4th Floor, Pragati Maidan Metro Station Building,  
 New Delhi-110001, INDIA

CENTRAL EQUIPMENT ROOM





BTS:- BASE TRANSCEIVER STATION  
 BSC:- BASE STATION CONTROLLER  
 A1-A3 & B1-B2:- TRANSMISSION ACCESS NETWORK  
 C1-C2 & D1-D2:- TRANSMISSION TRANSPORT NETWORK



NOTE:	
DP	DOUBLE POLE
SP	SINGLE POLE
	Traction Supply System
	Double Pole
	Single Pole
	AT (Automatic Transfer)
	Junction
	Crossing
	Station
	Line
	Return
	Ground
	Breaker
	Fuse
	Isolator
	Earth
	Transformer
	Meter
	Panel
	Door
	Window
	Valve
	Switch
	Relay
	Capacitor
	Inductor
	Resistor
	Voltage
	Amperage
	Wattage
	Hours
	Meters
	Seconds
	Minutes
	Hours
	Days
	Months
	Years

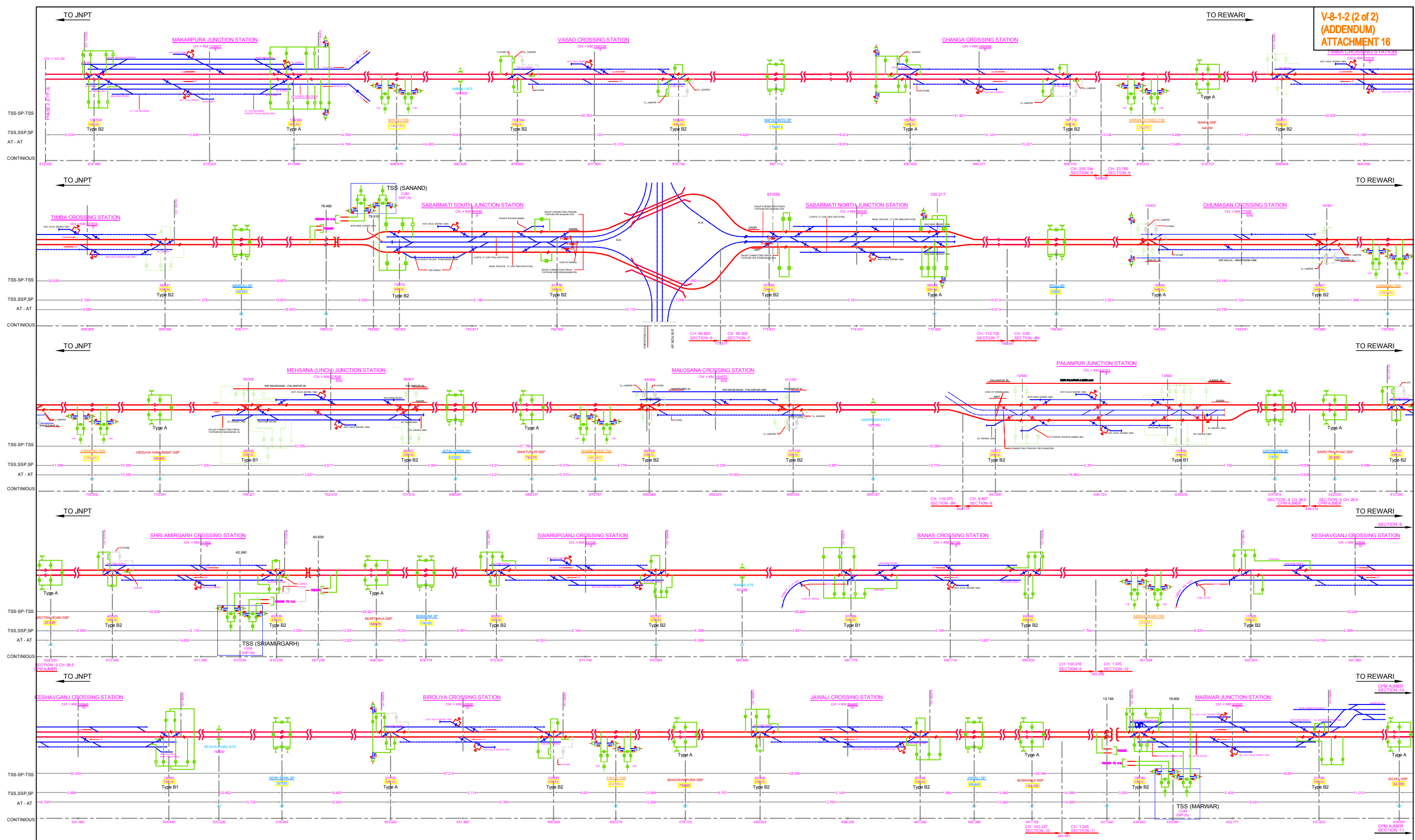
Project Title :  
**Dedicated Freight Corridor Project  
(Western Corridor Phase-1:  
Rewari - Vadodara Section)**

Client :  
  
**Dedicated Freight Corridor Corporation of India**  
(A GOVERNMENT OF INDIA UNDERTAKING)  
5th Floor, Pragati Maidan Metro Station Building,  
New Delhi-110001, INDIA

Drawing Title :  
**DFCC (PHASE - I)  
2x25kv SYSTEM : TRACTION SUPPLY  
&SECTIONING  
(25kv FEEDER NOT SHOWN)**

Drawing Number :  
**EMP4/PS/201 (R) (Sheet 1 of 2)**  
Scale :  
**NTS**  
Reference :  
TABLE SHOWING LOCATION OF TRACTION SUPPLY CONTROL  
POSTS FOR EM P-4 (VOLUME 4 DATA BOOK PART II S.N. 4)  
Drawn By :  
Checked By :  
Approved By :

Consultant :  
  
**NK Consortium**  
4th Floor, Pragati Maidan Metro Station Building,  
New Delhi-110001, INDIA




Project Title :  
**Dedicated Freight Corridor Project  
(Western Corridor Phase-1:  
Rewari - Vadodara Section)**

Client :  
  
**Dedicated Freight Corridor Corporation of India**  
(A GOVERNMENT OF INDIA UNDERTAKING)  
5th Floor, Pragati Maidan Metro Station Building,  
New Delhi-110001, INDIA

Drawing Title :  
**DFCC (PHASE - I)  
2x25kv SYSTEM : TRACTION SUPPLY  
& SECTIONING  
(25kv FEEDER NOT SHOWN)**

Drawing Number :  
**EMP4/PS/201 (R) (Sheet 2 of 2)**  
Scale :  
**NTS**  
Reference :  
TABLE SHOWING LOCATION OF TRACTION SUPPLY CONTROL  
POSTS FOR EM P-4 (VOLUME 4 DATA BOOK PART II S.N. 4)  
Drawn By :  
Checked By :  
Approved By :

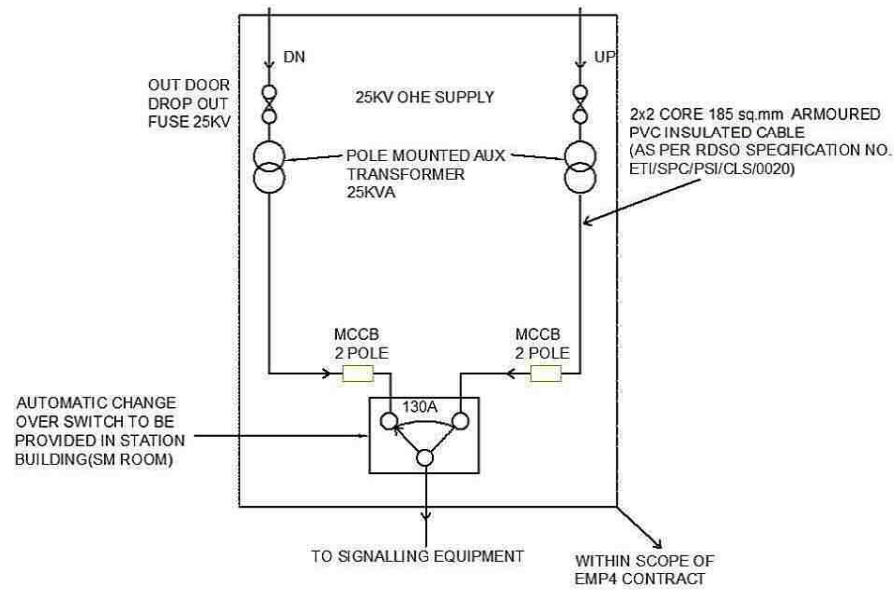
Consultant :  
  
**NK Consortium**  
4th Floor, Pragati Maidan Metro Station Building,  
New Delhi-110001, INDIA



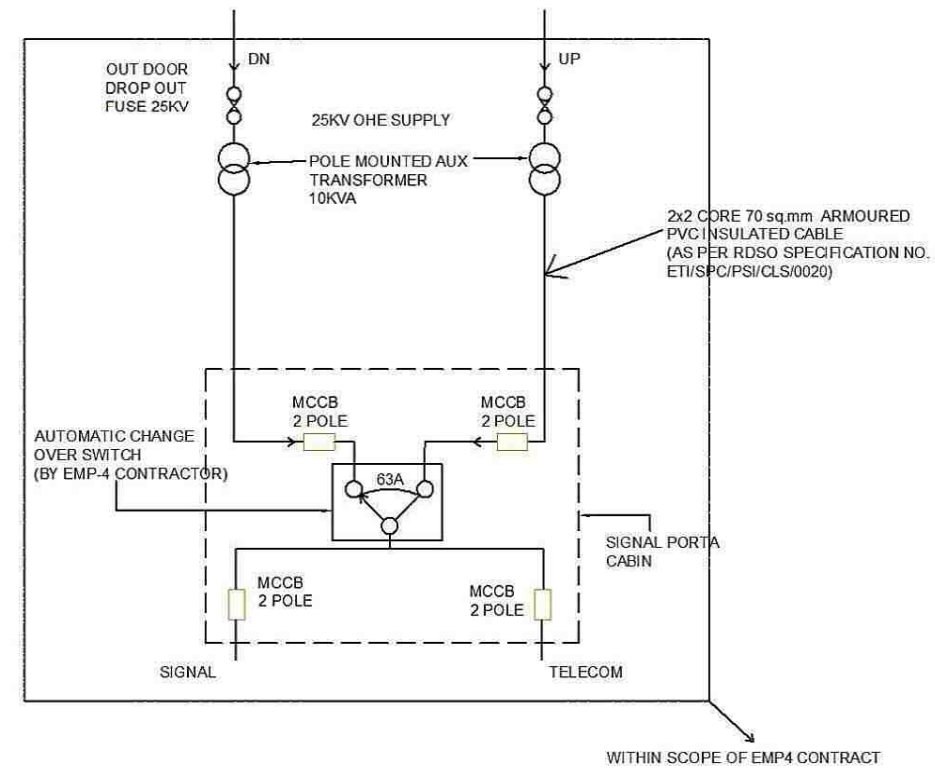
# 25 KV/240V AUXILIARY TRANSFORMER SUPPLY FOR S&T EQUIPMENT AT STATION BUILDING & ON OPEN ROUTE SHOWING SCOPE OF WORK OF EMP-4 CONTRACTOR

V-8-2-1  
(ADDENDUM)  
ATTACHMENT 17

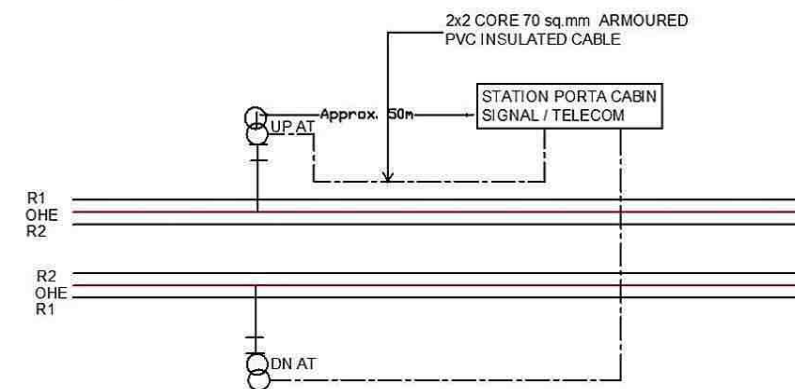
**L.T. SUPPLY ARRANGEMENT AT STATIONS**



**L.T. SUPPLY ARRANGEMENT AT LEVEL CROSSING AND S&T HUTS**



**INSET PLAN FOR LOCATION OF AUXILIARY TRANSFORMER ON OPEN ROUTE**



<p>Project Title: <b>Dedicated Freight Corridor Project (Western Corridor Phase-1: Rewari - Vadodara Section)</b></p>	<p>Client:  <b>Dedicated Freight Corridor Corporation of India</b> (A GOVT. COMPANY OF INDIA UNDER THE SECTION 113 OF THE COMPANIES ACT, 1956) 5th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA</p>	<p>Drawing Title: <b>25 KV/240V AUXILIARY TRANSFORMER SUPPLY FOR S&amp;T EQUIPMENT AT STATION BUILDING &amp; ON OPEN ROUTE SHOWING SCOPE OF WORK OF EMP-4 CONTRACTOR(TITLE HAS BEEN MODIFIED)</b></p>	<p>Drawing Number: <b>EMP4/OHE/106(R)</b></p> <p>Scale: <b>NTS</b></p> <p>Reference: -----</p> <p>Drawn By: _____ Checked By: _____ Approved By: _____</p>	<p>Consultant:  <b>NK Consortium</b> 4th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA</p>
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