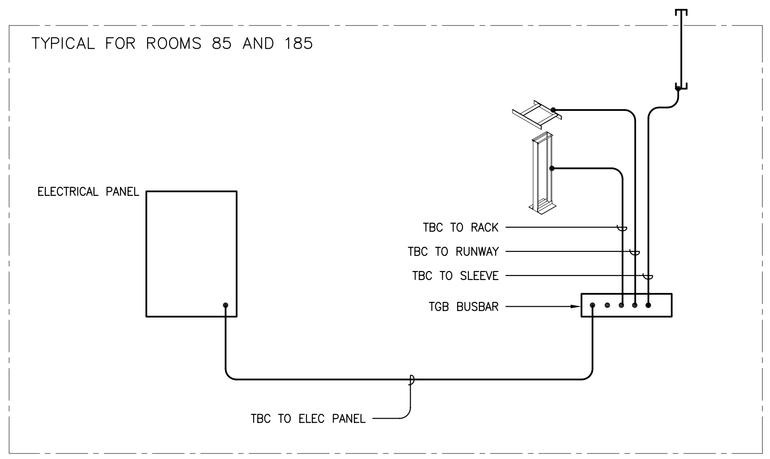
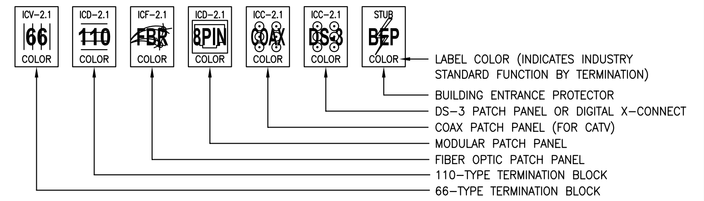


TELECOM GROUNDING LINE DIAGRAM
SCALE: NONE

B

TELECOM RISER SYMBOLS LIST



LABEL COLOR LEGEND (PER TIA/EIA-606):

ORANGE	DEMARCATION POINT	GREY	2ND LEVEL BACKBONE
GREEN	NETWORK CONNECTION	BLUE	STATION (HORIZONTAL)
PURPLE	EQUIPMENT (PBX, LAN)	BROWN	INTERBUILDING BACKBONE
WHITE	1ST LEVEL BACKBONE		

- UTP CROSSCONNECTION; 1 PAIR, UON
- UTP PATCH CORD; 4 PAIR MODULAR, UON
- UTP PIGTAIL (SINGLE ENDED CORD); 4 PAIR MODULAR, UON
- UTP CORD; 25 PAIR, UON
- UTP 'HYDRA' CORD; 25 PAIR TO 12 MODULAR PLUGS, UON
- FIBER PATCH CORD; 2 STRAND, UON
- SPLICE POINT – FIBER OR UTP, AS NOTED

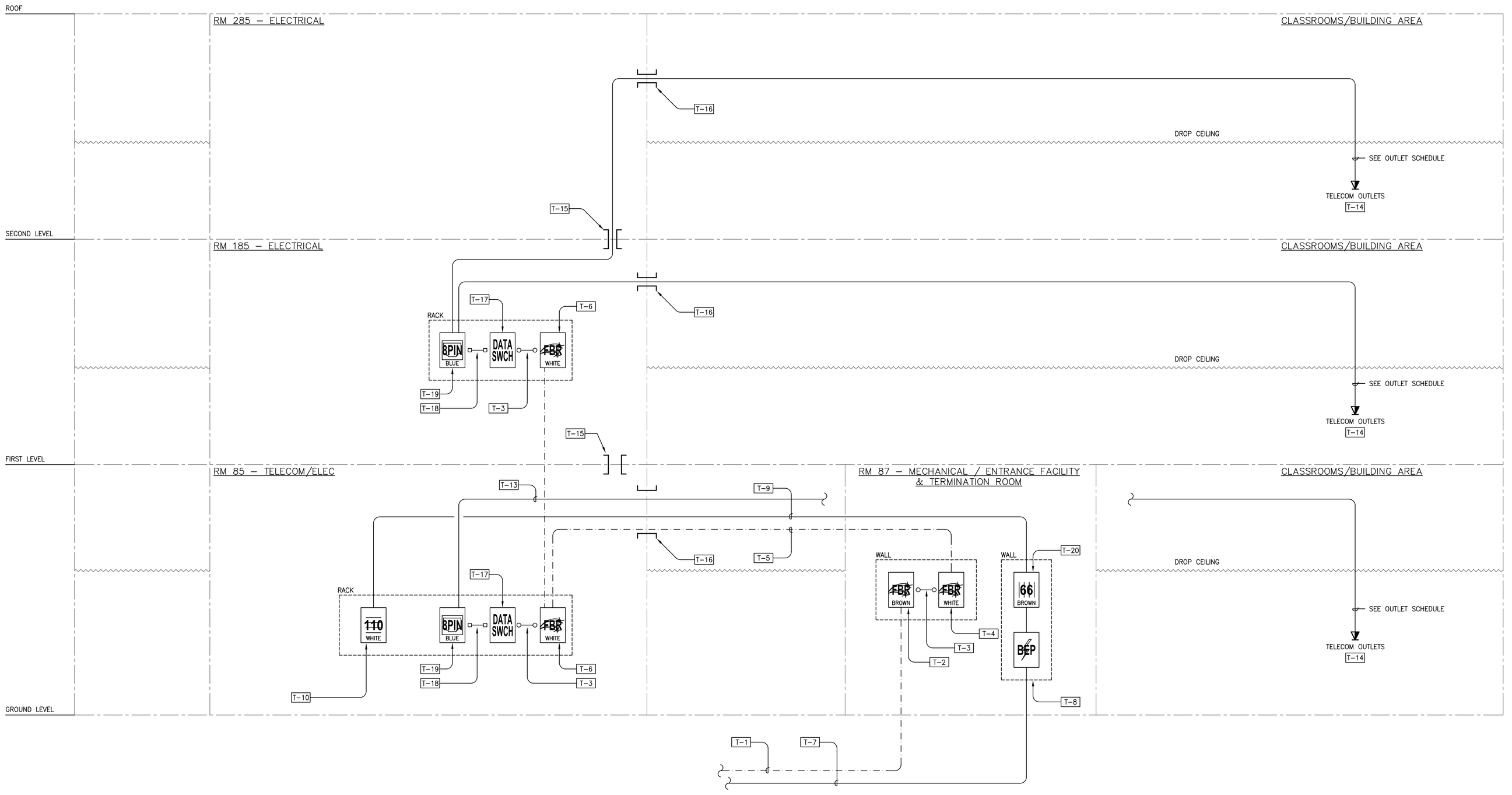
GENERAL SHEET NOTES

1. THIS DRAWING REPRESENTS A DIAGRAMMATIC OVERVIEW OF THE TELECOMMUNICATION CABLING INFRASTRUCTURE. REFER TO FLOOR PLANS FOR ESTIMATING CABLE LENGTHS AND ROOM DETAILS FOR EQUIPMENT PLACEMENT.

NUMBERED SHEET NOTES

TELECOM:

- T-1 EXISTING BACKBONE FIBER OPTIC CABLE.
- T-2 EXISTING BACKBONE FIBER OPTIC TERMINATION PANEL, WALL-MOUNTED.
- T-3 PROVIDE ONE NEW FIBER OPTIC PATCH CORD.
- T-4 RE-USE EXISTING FIBER OPTIC TERMINATION PANEL, WALL-MOUNTED.
- T-5 PROVIDE NEW FIBER OPTIC CABLE, 12-STRAND MULTIMODE.
- T-6 PROVIDE NEW FIBER OPTIC TERMINATION PANEL, RACK-MOUNTED, AS BACKBONE DATA TERMINATION FIELD.
- T-7 EXISTING BACKBONE TWISTED PAIR CABLE.
- T-8 EXISTING BACKBONE TWISTED PAIR TERMINATION – ENTRANCE PROTECTORS AND 66-TYPE BLOCK, WALL-MOUNTED.
- T-9 PROVIDE NEW TWISTED PAIR CABLE, 100-PAIR. TERMINATE CABLE/PAIRS IN ENTRANCE FACILITY ONTO EXISTING 66 BLOCK.
- T-10 PROVIDE NEW 110-BLOCK, RACK-MOUNTED, AS BACKBONE VOICE TERMINATION FIELD.
- T-11 NOT USED.
- T-12 NOT USED.
- T-13 PROVIDE HORIZONTAL CABLES – REFER TO OUTLET SCHEDULE ON T0.1 FOR CABLE SERVICE PER DEVICE.
- T-14 REFER TO FLOOR PLANS ON T2.1 FOR TELECOM OUTLET LOCATIONS AND TYPES. REFER TO OUTLET SCHEDULE ON T0.1 FOR OUTLET TYPES DEFINITIONS.
- T-15 SLEEVE THROUGH EACH FLOOR, FOR BACKBONE CABLES AND HORIZONTAL CABLES. REFER TO T3.1 FOR QUANTITIES AND SIZES.
- T-16 SLEEVE EACH THROUGH WALL ABOVE CORRIDOR CEILING FROM TELECOM ROOM AND ELECTRICAL ROOMS TO CORRIDOR CEILING SPACE, FOR HORIZONTAL CABLES. REFER TO T2.1 FOR QUANTITIES AND SIZES.
- T-17 DATA SWITCH – PROVIDED BY OWNER.
- T-18 PROVIDE ONE DATA PATCH CORD PER OUTLET RECEIVING AT LEAST ONE DATA CABLE.
- T-19 PROVIDE NEW MODULAR PATCH PANEL, WALL-MOUNTED, AS HORIZONTAL DATA TERMINATION FIELD.
- T-20 EXISTING 66 BLOCK. TERMINATE NEW CABLE ONTO CENTER CONTACTS.



TELECOM CABLING LINE DIAGRAM
SCALE: NONE

A

REVISION	DESCRIPTION	INITIAL	DATE

AS-BUILT

SEAL:

CONSULTANT:

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SHEET TITLE:

TELECOM SINGLE LINE DIAGRAMS - CABLING AND GROUNDING

PROJ. NO.	2002-066.02
	PREPARATION AND REVIEW
DRAWN BY	
DESIGNER	
PROJ. MGR.	
PEER REVIEW	

SHEET NUMBER:

T1.1

NUMBER: 2 OF: 8