



DRAWING LIST	
T001	TELECOM LEGEND & SYMBOLS LIST
T300a	BASMENT LEVEL TELECOM PLAN
T300c	BASMENT LEVEL TELECOM PLAN
T300d	BASMENT LEVEL TELECOM PLAN
T301a	GROUND LEVEL TELECOM PLAN
T301c	GROUND LEVEL TELECOM PLAN
T301d	GROUND LEVEL TELECOM PLAN
T302a	SECOND LEVEL TELECOM PLAN
T302b	SECOND LEVEL TELECOM PLAN
T302d	SECOND LEVEL TELECOM PLAN
T303a	MUSEUM LOWER LEVEL TELECOM PLAN
T303b	MUSEUM LOWER LEVEL TELECOM PLAN
T303d	MUSEUM LOWER LEVEL TELECOM PLAN
T304a	MUSEUM UPPER LEVEL TELECOM PLAN
T304b	MUSEUM UPPER LEVEL TELECOM PLAN
T305a	EXECUTIVE LEVEL TELECOM PLAN
T305b	EXECUTIVE LEVEL TELECOM PLAN
T400	BASMENT CLOSET TELECOM DETAILS
T401	SECOND & EXECUTIVE LEVEL CLOSET TELECOM DETAILS
T500	TELECOM BACKBONE PATHWAYS RISER DIAGRAM
T501	TELECOM BACKBONE COPPER/FIBER RISER DIAGRAM
T502	TELECOM GROUNDING RISER DIAGRAM
T600	TELECOM DETAILS SHEET 1
T601	TELECOM DETAILS SHEET 2

GENERAL NOTES	
1	PROVIDE FIRESTOPPING FOR ALL SLEEVE, CONDUIT AND CABLE TRAY PENETRATIONS THROUGH RATED PARTITIONS OR FLOORS IN ACCORDANCE WITH THE CODE AND SPECIFICATIONS.
2	ANY ELECTRICAL AND MECHANICAL DEVICES SHOWN ON THESE DRAWINGS ARE FOR REFERENCE PURPOSES ONLY. UNLESS OTHERWISE NOTED, SEE MEP DRAWINGS FOR DETAILS AND LOCATION OF ALL SUCH EQUIPMENT.
3	GROUND ALL EQUIPMENT RACKS, FRAMES, CABLE TRAYS, CABLE LADDERS AND OTHER PERMANENT SUPPORTS WITH #6 AWG (MIN), STRANDED, GREEN, INSULATED, COPPER WIRE AND SCREW COMPRESSION LUGS.
4	LABEL ALL CLOSETS, RACKS, FRAMES, CABINETS, BLOCKS, CABLES, CABLE SUPPORTS, ETC IN ACCORDANCE WITH EIA/TIA 606.
5	ALL FLUSH MOUNTED OUTLET BACK BOXES ARE TO BE SERVED VIA 1" CONDUIT, RUN TO NEAREST ACCESSIBLE CEILING, U O N.
6	ALL POKE-THRU'S FOR SECURITY ARE TO BE SERVED VIA 1" CONDUIT, RUN TO SERVING TELECOM CLOSET. ALL OTHER POKE-THRU'S RUN TO NEAREST ACCESSIBLE CEILING.
7	(1) 1" EC TO BE HOME RUN FROM NEAREST TELECOM CLOSET TO EACH ELEVATOR MACHINE ROOM. INSTALL (2) 4-PAIR UTP CABLE TERMINATED ON (2) 8-PIN MODULAR CONNECTORS SEATED IN A STAINLESS STEEL FACEPLATE ON A SURFACE MOUNTED OUTLET BOX INSTALLED ADJACENT TO ELEVATOR CONTROLLER FOR ELEVATOR VOICE SERVICES.
8	WRITTEN SPECIFICATIONS 16750 AND 16751 ARE PART OF THIS DOC. SET.

REFERENCE LEGEND		
	DETAIL NUMBER 1400 DETAIL SHEET NUMBER	DETAIL REFERENCE TAG
	DETAIL NUMBER 1 ELEVATION REFERENCE	ELEVATION REFERENCE TAG
	DETAIL NUMBER 1 REFERENCE DRAWING	ELEVATION REFERENCE TAG
		NOTE REFERENCE TAG
		REVISION REFERENCE TAG

UTP OUTLET SYMBOLS	
	STANDARD TELECOMMUNICATIONS OUTLET
	STANDARD FURNITURE MOUNTED TELECOMMUNICATIONS OUTLET
	STANDARD FLOOR MOUNTED POKE-THRU TELECOMMUNICATIONS OUTLET (U.L. LISTED)
	TELECOMMUNICATIONS OUTLET
	FURNITURE MOUNTED TELECOMMUNICATIONS OUTLET
	FLOOR MOUNTED POKE-THRU TELECOMMUNICATIONS OUTLET (U.L. LISTED)
	WALLPHONE TELECOMMUNICATIONS OUTLET (VOICE ONLY)
	PAYPHONE LOCATION (CABLED BY OTHERS) PROVIDE 3/4" EC FROM BACKBOX TO NEAREST TELECOM CLOSET
	FLUSH MOUNTED TELECOMMUNICATIONS OUTLET (VOICE ONLY)
	TELECOMMUNICATIONS OUTLET (DATA ONLY)
	FURNITURE MOUNTED TELECOMMUNICATIONS OUTLET (DATA ONLY)
	FLOOR MOUNTED POKE-THRU TELECOMMUNICATIONS OUTLET (DATA ONLY) (U.L. LISTED)
	INDICATES STAINLESS STEEL FACEPLATE
NOTES	
1	STANDARD OUTLET CONSISTS OF (2) CATEGORY 6 UTP CABLES TERMINATED ON (2) 8-PIN MODULAR JACKS PER OUTLET. NUMERIC INDICATION (1) BESIDE OUTLET SYMBOL INDICATES OTHER (NON-STANDARD) QUANTITIES OF UTP CABLES, AS INDICATED ON DRAWINGS.
2	STANDARD OUTLET MOUNTING HEIGHT SHALL BE THE SAME AS ELECTRICAL OUTLET HEIGHT, UNLESS EXACT LOCATION OF OUTLETS SHALL BE FOUND IN THE ARCHITECTURAL DRAWINGS.
3	OUTLET NUMBERS ON FLOOR PLANS ARE PARTIAL FOR IMPROVED CLARITY. ACTUAL OUTLET ID'S SHALL INCLUDE FLOOR AND OUTLET ID. FOR EXAMPLE "G-001" SHALL BE USED TO INDICATE GROUND FLOOR OUTLET 1.

TERMINATION HARDWARE SYMBOLS	
	48 PORT MODULAR PATCH PANEL, CATEGORY 6 COMPLIANT (RACK MOUNTED) (3.5"-2RU TALL)
	24 PORT MODULAR PATCH PANEL, CATEGORY 6 COMPLIANT (RACK MOUNTED) (3.5"-2RU TALL)
	16 PORT MODULAR PATCH PANEL, CATEGORY 6 COMPLIANT (RACK MOUNTED) (3.5"-2RU TALL)
	PATCH CORD MANAGER (RACK MOUNTED) (3.5"-2RU TALL)
	110 TYPE, 300 PAIR TERMINATION BLOCK WITH LEGS (WALL MOUNTED)
	72 PORT OPTICAL FIBER PANEL (RACK MOUNTED) (3.5"-2RU TALL)
	12/24 PORT OPTICAL FIBER TERMINAL BOX (WALL MOUNTED)

PATHWAYS AND SPACES SYMBOLS	
	SLEEVE (QUANTITY, SIZE & TYPE DENOTED)
	PULL BOX (SIZE AS NOTED)
	UTILITY POLE (POWER POLE)
	CABLE TRAY (ABOVE FINISHED CEILING) (TYPE, WIDTH & LOADING DEPTH DENOTED)
	CABLE TRAY (BELOW ACCESS FLOOR) (TYPE, WIDTH & LOADING DEPTH DENOTED)
	LADDER RACK (TYPE, WIDTH & LOADING DEPTH DENOTED)
	OPEN WIRE MESH TRAY (TYPE, WIDTH & LOADING DEPTH DENOTED)
	RISER SLOT (SIZE AND TYPE AS NOTED)
	CONDUIT TURNING-UP
	CONDUIT TURNING-DOWN
	SINGLE CONDUIT RUN, WITH ENDPOINT (SIZE & TYPE DENOTED)
	SINGLE CONDUIT HOME RUN (SIZE, TYPE AND HOME LOCATION DENOTED)
	CONDUIT STUB UP (SIZE & TYPE DENOTED)
	CONDUIT BANK, PLAN VIEW EMBEDDED AS INDICATED (QUANTITY, SIZE & TYPE DENOTED)
	CONDUIT BANK, PLAN VIEW SUSPENDED AS INDICATED (QUANTITY, SIZE & TYPE DENOTED)
	CONDUIT BANK, SECTION VIEW (QUANTITY, SIZE & TYPE DENOTED)
	CONDUIT BANK, CONCRETE ENCASED, SECTION VIEW (QUANTITY, SIZE & TYPE DENOTED)
	BACKBONE CONDUIT/SLEEVE STUBBING UP (QUANTITY, SIZE & TYPE DENOTED)
	BACKBONE CONDUIT/SLEEVE STUBBING DOWN (QUANTITY, SIZE & TYPE DENOTED)
	RISER SLOT (BACKBONE PATHWAY) ELEVATION (DIMENSIONS DENOTED)
	HANDHOLE (DIMENSIONS DENOTED)
	MANHOLE (UTILITY VAULT) (DIMENSIONS DENOTED)
	TELECOMMUNICATIONS SPACE (DIMENSIONS DENOTED)
	PLYWOOD (DIMENSIONS DENOTED)
	ACCESS PANEL (DIMENSIONS DENOTED)
	WALL PENETRATION (DIMENSIONS DENOTED)
	"J" HOOK PATHWAY (LENGTH AS REQUIRED)

ABBREVIATIONS	
AFF	ABOVE FINISHED FLOOR
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ATR	ALL THREADED ROD
AWG	AMERICAN WIRE GAUGE
BP	BLACK IRON PIPE
C	CONDUIT
CCTV	CLOSED CIRCUIT TELEVISION
CFD	CEMENT-FIBER DUCT
CL	CLOSET
CLG	CEILING
COAX	COAXIAL CABLE
DWG	DRAWING
EC	EMPTY CONDUIT
EIA	ELECTRONIC INDUSTRIES ASSOCIATION
EM	EMERGENCY
EMI	ELECTROMAGNETIC INTERFERENCE
EP	EXPLOSION PROOF
EX	EXISTING
FBO	FURNISHED BY OTHERS
FC	FINISH CEILING
FR	FIRE RATED
G	GROUND
GIP	GALVANIZED IRON PIPE
GRS	GALVANIZED RIGID STEEL
ID	INSIDE DIMENSION
IDF	INTERMEDIATE DISTRIBUTION FRAME
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
ISDN	INTEGRATED SERVICES DIGITAL NETWORK
JB	JUNCTION BOX
LAN	LOCAL AREA NETWORK
MCD	MULTIPLE CONCRETE DUCT
MDF	MAIN DISTRIBUTION FRAME
MGT	MANAGEMENT
MM	MILLIMETERS
MTD	MOUNTED
MTG	MOUNTING

ABBREVIATIONS	
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OF	OPTICAL FIBER
PB	PULLBOX
POS	POINT OF SALE
PBX	PRIVATE BRANCH EXCHANGE
PNL	PANEL
PVC	PVC SCHEDULE 40 OR HEAVIER (AS NOTED)
RM	ROOM
RT	RAINTIGHT
SP	SEWER PIPE
STL	STEEL PIPE
STP	SHELDIED TWISTED PAIR
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TBD	TO BE DETERMINED
TIBC	TBB INTERCONNECTING BONDING CONDUCTOR
TGB	TELECOMMUNICATIONS GROUNDING BUSBAR
TMB	TELECOMMUNICATIONS MAIN GROUNDING BUSBAR
TEL	TELECOMMUNICATIONS
TSER	TELECOM SERVICE ENTRANCE ROOM
TYP	TYPICAL
TV	TELEVISION
UL	UNDERWRITERS LABORATORIES INC
UNO	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
VP	VAPOR PROOF
WP	WATERPROOF
WT	WATERTIGHT
W/O	WITHOUT