ABBREVIATIONS

NOTE: NOT ALL THE ABBREVIATIONS LISTED HERE APPEAR ON THESE CONTRACT DRAWINGS

ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APPROX	APPROXIMATE
ARRG	ARRANGEMENT
BLDG	BUILDING
BMS	BUILDING MANAGEMENT SYSTEMS
BLW	BELOW
BFC	BELOW FINISHED CEILING
BT	BASKET TRAY
B	BUILDING AUTOMATION SYSTEM
C	COMMON
CAB	CABINET
CAM	CAMERA
CAP	CAPACITY
℄	CENTER LINE
CLG	CEILING
COL	COLUMN
COMP	COMPOSITE, MULTI CONDUCTOR SECURITY CABLE
CONTR	CONTRACTOR
DEPT	DEPARTMENT
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGRAM
DIV	DIVISION
DWG	DRAWING
E	EXISTING
EA	EACH
EC	ELECTRICAL CONTRACTOR
EL	ELEVATION
ELEC	ELECTRIC
ETC	AND SO FORTH
FA	FROM ABOVE
FB	FROM BELOW
FIN	FINISHED
FLR	FLOOR
FP	FIRE PROTECTION
FT	FEET
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
HDMI	HIGH DEFINITION MULTIMEDIA INTERFACE
HP	HORSEPOWER
HR	HOUR
HZ	HERTZ
KW	KILOWATT
L	LENGTH
LB	POUND
MC	MECHANICAL CONTRACTOR
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
NIC	NOT IN CONTRACT
No	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
OC	ON CENTER
OCC	OCCUPIED
PART	PARTIAL
PBB	PRIMARY BONDING BUSBAR
RAC	RUN ABOVE CEILING
RACBJ	RUN ABOVE CEILING BETWEEN JOISTS
RAF	RUN ABOVE FLOOR
RATC	RUN AT CEILING
RBC	RUN BELOW CEILING
RBF	RUN BELOW FLOOR
RBG	RUN BELOW GRADE
RBJ	RUN BETWEEN JOIST
REQ	REQUIRED
RM	ROOM
ROH	RUN OVERHEAD
SBB	SECONDARY BONDING BUSBAR
SCH	SCHEDULE
SCHEM	SCHEMATIC
SPEC	SPECIFICATION
SS	STAINLESS STEEL
SST	SUPPORT STEEL
STD	STANDARD
STL	STEEL
SYS	SYSTEM
TEMP	TEMPERATURE
TYP	TYPICAL
TV	TELEVISION
UNOCC	UNOCCUPIED
W	WIDTH
W/	WITH
W/O	WITHOUT
WIS	WIRE IN SERIES
WP	WEATHER PROOF

KEY TO SYMBOLS

NOTE: NOT ALL THE SYMBOLS LISTED HERE APPEAR ON THESE CONTRACT DRAWINGS

GENERAL:

- LADDER RACK
- BASKET TRAY
- # = INDICATES REVISION NUMBER
- SHEET NOTE (NUMBER)
- INDICATES DETAIL LETTER (APPLIES ONLY WHERE INDICATED ON DRAWINGS)
- INDICATES DRAWING ON WHICH DETAIL APPEARS
- INDICATES SECTION NUMBER
- INDICATES DRAWING ON WHICH SECTION APPEARS
- CONDUIT, EXPOSED
- PANEL, RACK, EQUIPMENT ACCESS AREA

TELEPHONE/DATA/VIDEO:

- #,X — DATA OUTLET
  (X)= TYPE
  BLANK= 1 OUTLET
  #= MULTIPLE OUTLETS
  FO= FIBER OPTIC OUTLET/ CONNECTOR TYPE (LC, SC, ETC.)
  ACP= ACCESS CONTROL PANEL
  B= BUILDING AUTOMATION CONTROLLER
  CAM= CAMERA
  TV= TELEVISION DISPLAY
  EX= OUTLETS ENCASED AND SEALED IN A RECEPTACLE BOX RATED FOR ENERGETIC ARES
- X — TELEPHONE OUTLET
  X= TYPE
  W= WALL MOUNT
  BLANK= 1 OUTLET
  WP= WEATHER PROOF PHONE
  EX= OUTLETS ENCASED AND SEALED IN A RECEPTACLE BOX RATED FOR ENERGETIC AREAS
- X — TELEPHONE/DATA OUTLET
  X= TYPE
  W= WALL MOUNT
  #= MULITIPLE OUTLETS
  M= MODULAR FURN MOUNT
  FO= FIBER OPTIC OUTLET/CONNECTOR TYPE (LC, SC, ETC.)
  EX = OUTLETS ENCASED AND SEALED IN A RECEPTABLE BOX RATED FOR ENERGETIC AREAS
- WAP — WIRELESS ACCESS POINT (WAP) OUTLET
  (2) CAT 6A CABLE
  EX= OUTLETS ENCASED AND SEALED IN A RECEPTACLE BOX RATED FOR ENERGETIC AREAS
- X — FLOOR MOUNT DATA OUTLET
  X= TYPE
  PT= POKE THROUGH
  F= FLUSH MOUNT
  EX= OUTLETS ENCASED AND SEALED IN A RECEPTACLE BOX RATED FOR ENERGETIC AREAS
- X — FLOOR MOUNT TELEPHONE OUTLET
  X= TYPE
  PT= POKE THROUGH
  F= FLUSH MOUNT
  EX= OUTLETS ENCASED AND SEALED IN A RECEPTACLE BOX RATED FOR ENERGETIC AREAS
- X — FLOOR MOUNT TELEPHONE/DATA OUTLET
  X= TYPE
  F= FLUSH MOUNT
  EX= OUTLETS ENCASED AND SEALED IN A RECEPTACLE BOX RATED FOR ENERGETIC AREAS
- PRIMARY BONDING BUSBAR (PBB) OR SECONDARY BONDING BUSBAR (SBB).
- 4-INCH SLEEVED PENETRATION WITH BUSHINGS ON BOTH SIDES. CONDUIT COUNT AND GANGABLE CONSTRUCTION INDICATED ON DRAWING.
- JUNCTION BOX
  EX= EXPLOSION PROOF, RATED FOR THE AREA OCCUPIED

GENERAL SHEET NOTES

A. ALL MOUNTING HEIGHTS INDICATED ARE TO THE CENTERLINE OF THE DEVICES.

B. CONTRACTOR TO INSTALL ALL CABLING IN CABLE TRAY AND MINIMUM 1" CONDUIT. LADDER RACK TO BE UTILIZED FOR CABLE MANAGEMENT IN TELECOM ROOM.

C. COORDINATE INSTALLATION OF TELECOMM DEVICES IN SURFACE-MOUNTED RACEWAYS WITH THE ELECTRICAL CONTRACTOR. CONDUIT FEEDS TO RACEWAY TO BE SIZED AND LOCATED TO ACCOMMODATE MAXIMUM CABLE LENGTHS AND TOTAL QUANTITY OF CABLING REQUIRED TO FEED OUTLETS.

D. CONTRACTOR TO ENSURE THAT ALL NEW TELEPHONE AND NETWORK CABLE OUTLETS ARE CONNECTED VIA CONTINUOUS, NON-SPLICED CABLE EXTENSIONS TO AN EXISTING TELECOMMUNICATION ROOM/EQUIPMENT ON THE SAME FLOOR UNLESS OTHERWISE NOTED.

E. WALL TELEPHONE OUTLETS TO BE SINGLE PORT W/FACEPLATE FOR MOUNTING CUSTOMER PROVIDED EQUIPMENT.

F. CONTRACTOR TO LABEL NEW OUTLETS TO MATCH EXISTING LABELING SCHEME. LABEL INFORMATION SHALL INCLUDE AS A MINIMUM THE SOURCE (TELECOM ROOM) AND A UNIQUE OUTLET IDENTIFIER.

G. CONTRACTOR TO PROVIDE FIRESTOPPING FOR ALL CONDUITS AND SLEEVES PENETRATING FIRE RATED CONSTRUCTION FOR TELECOMMUNICATIONS CABLES.

H. COORDINATE ALL DATA OUTLET LOCATIONS WITH POWER OUTLETS AND DATA FEED POINTS WITH ELECTRICAL FEEDS.

J. OUTLET LOCATIONS IN SYSTEM FURNITURE ARE SHOWN FOR QUANTITY AND GENERAL AREA OF INSTALLATION. COORDINATE EXACT LOCATION AND MOUNTING REQUIREMENTS WITH FINAL FURNITURE LAYOUT AND CONFIGURATION. PROVIDE APPROPRIATE FACE PLATE AND MOUNTING/CABLE ROUTING HARDWARE AS REQUIRED BY FURNITURE SYSTEM.

K. ALL OUTLETS MUST BE FLUSH OR RECESSED MOUNTED IN FINISHED AREAS AND ALL CABLING WITHIN WALLS MUST BE INSTALLED WITHIN A RACEWAY. SURFACE MOUNTED OUTLETS AND SURFACE MOUNTED RACEWAYS ARE ACCEPTABLE IN UNFINISHED LOCATIONS ONLY.

L. CONTRACTOR MUST PROVIDE AND INSTALL TELECOMMUNICATIONS BACKBOX WITH A MINIMUM DEPTH OF 2 1/8" DEEP x 4" SQUARE FOR OUTLET LOCATIONS WHETHER REQUIREMENTS ARE FOR A SINGLE OR DOUBLE GANG APPLICATION.

M. PROVIDE PULL STRINGS IN CONDUITS OVER 10-FEET IN LENGTH AT THE TIME OF CONDUIT INSTALLATION.

N. PROVIDE 3/4", FIRE-RATED, AC GRADE BACKBOARD ON MINIMUM OF THREE WALLS IN THE IT ROOMS.

P. DATA CABLE TO BE RUN IN CABLE TRAY FOR NON-HAZARDOUS CLASSIFIED AREAS. PROVIDE 1" CONDUIT FROM CABLE TRAY TO OUTLET. CONDUIT TO BE CONNECTED AND BONDED TO THE CABLE TRAY.

Q. CONTRACTOR TO PROVIDE AN INTRINSICALLY SAFE SYSTEM FOR HAZARDOUS CLASSIFIED LOCATIONS, INCLUDING INTRINSICALLY SAFE CABLE PATHWAYS, SEALED FITTINGS AND EXPLOSION PROOF EQUIPMENT/COMPONENTS.

R. TELECOMMUNICATION CONDUITS ENTERING AN ENERGETIC AREA OR BAY MUST USE RGS CONDUIT AND SEALED FITTINGS THAT MEET NEC REQUIREMENTS FOR A CLASS II DIVISION 1 AREA.

NO.	DATE	DSGN
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	BP	MT
	APVD	MT
	CHK	SL
	DR	KR

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Aerojet Rocketdyne

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TELECOMMUNICATION
GENERAL NOTES, ABBREVIATIONS
AND SYMBOLS

SHEET NO
T-001

SCALE	NTS
DATE	09/18/2024
PROJ	D3754502
DWG	CMDN-OSD_Conditioning-Boxes_T-001

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