

**ENERGETIC AREA -**

CLASSIFICATION AS NOTED

FLOOR MOUNT TELEPHONE OUTLET

RATED FOR ENERGETIC AREAS

EX= OUTLETS ENCASED AND SEALED IN A RECEPTACLE BOX

PT= POKE THROUGH

F= FLUSH MOUNT

**GENERAL SHEET NOTES** ALL MOUNTING HEIGHTS INDICATED ARE TO THE CENTERLINE OF THE

FLOOR MOUNT TELEPHONE/DATA OUTLET F= FLUSH MOUNT EX= OUTLETS ENCASED AND SEALED IN A RECEPTACLE BOX RATED FOR **ENERGETIC AREAS** #= MULTIPLE OUTLETS

PRIMARY BONDING BUSBAR (PBB) 4-INCH SLEEVED PENETRATION WITH BUSHINGS ON BOTH SIDES. CONDUIT

AREA OCCUPIED

OR SECONDARY BONDING BUSBAR (SBB). COUNT AND GANGABLE CONSTRUCTION

EX= EXPLOSION PROOF, RATED FOR THE

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. INDICATED ON DRAWING.

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

TELECOM ROOM.

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.

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

CONTRACTOR TO INSTALL ALL CABLING IN CABLE TRAY AND MINIMUM 1"

CONDUIT. LADDER RACK TO BE UTILIZED FOR CABLE MANAGEMENT IN

COORDINATE INSTALLATION OF TELECOMM DEVICES IN SURFACE-MOUNTED

RACEWAY TO BE SIZED AND LOCATED TO ACCOMMODATE MAXIMUM CABLE

LENGTHS AND TOTAL QUANTITY OF CABLING REQUIRED TO FEED OUTLETS.

RACEWAYS WITH THE ELECTRICAL CONTRACTOR. CONDUIT FEEDS TO

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

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

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.

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.

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

PROVIDE 3/4", FIRE-RATED, AC GRADE BACKBOARD ON MINIMUM OF THREE

WALLS IN THE IT ROOMS. DATA CABLE TO BE RUN IN CABLE TRAY FOR NON-HAZARDOUS CLASSIFIED

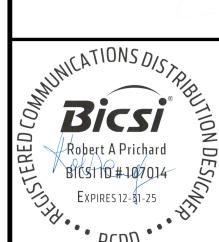
AREAS. PROVIDE 1" CONDUIT FROM CABLE TRAY TO OUTLET. CONDUIT TO BE CONNECTED AND BONDED TO THE CABLE TRAY.

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

TELECOMMUNICATION CONDUITS ENTERING AN ENERGETIC AREA OR BAY MUST USE RGS CONDUIT AND SEALED FITTINGS THAT MEET NEC REQUIREMENTS FOR THE AREA BEING SERVED.

THIS BUILDING CONTAINS AREAS DETERMINED TO BE HAZARDOUS (CLASSIFIED) LOCATIONS. THE HAZARDOUS CLASSIFICATION RATINGS FOR THESE IDENTIFIED AREAS ARE ONE OF THE FOLLOWING: CLASS I DIV 1, CLASS 1 DIV 2, AND CLASS II DIV 1.





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