SECURITY SYSTEM NOTES:

SS1. PROVIDE SINGLE GANG BOX AND TRIM RING AND 3/4" CONDUIT FOR SECURITY KEYPAD.

SS2. PROVIDE CONDUIT FROM DOOR FRAME FOR DOOR CONTACTS AT EACH EXIT DOOR.

SS3. PROVIDE DOUBLE GANG BOX AND SINGLE GANG TRIM RING AND 3/4" CONDUIT FOR PASSIVE INFRARED SECURITY SENSOR.

SS4. PROVIDE DOUBLE GANG BOX AND SINGLE GANG TRIM RING AND 3/4" CONDUIT FOR AUDIBLE SECURITY ALARM.

SS5. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL BACKBOXES, TRIM RINGS, CONDUITS, WIRING AND BUSHINGS FOR BURGLAR ALARM SYSTEM. PROVIDE A COMPLETE AND USEABLE CONDUIT RACEWAY SYSTEM COMPLETE FROM EACH DEVICE TO BURGLAR ALARM CONTROL PANEL. FURNISHING, AND INSTALLATION OF ALL BURGLAR ALARM DEVICES SHALL BE BY BURGLAR ALARM VENDOR. REFER TO SECURITY SYSTEM DRAWINGS AND ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF ALL DEVICES. CONTRACTOR SHALL HAVE SITE COORDINATION MEETING WITH SECURITY VENDOR PRIOR TO ANY ROUGH-IN.

SS6. E.C. TO PROVIDE AND INSTALL 22 GAUGE, 4-CONDUCTOR STRANDED COPPER PLENUM CABLE. EACH DEVICE REQUIRES ITS OWN HOMERUN.

1 SECURITY SYSTEM RISER DIAGRAM

E404 SCALE: NONE

TELEPHONE SYSTEM NOTES:

T1. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL EMPTY CONDUIT FROM EACH TELEPHONE LOCATION SHOWN ON PLAN TO TELEPHONE EQUIPMENT AREA. DETERMINE TELEPHONE EQUIPMENT LOCATION FROM TELEPHONE UTILITY COMPANY OR CONTRACTOR.

T2. EMPTY CONDUITS SHALL BE 1" UNLESS NOTED OTHERWISE. SEE GENERAL ELECTRICAL NOTES REGARDING INSTALLATION OF CONDUIT TO COUNTERS.

T3. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL BACKBOXES, TRIM RINGS, CONDUITS , WIRING AND BUSHINGS FOR TELEPHONE SYSTEM. PROVIDE A COMPLETE AND USEABLE CONDUIT RACEWAY SYSTEM COMPLETE FROM EACH DEVICE TO TELEPHONE SYSTEM BACKBOARD. FURNISHING, AND INSTALLATION OF ALL TELEPHONE DEVICES SHALL BE BY TELEPHONE SYSTEM VENDOR. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF ALL DEVICES. CONTRACTOR SHALL HAVE SITE COORDINATION MEETING WITH TELEPHONE SYSTEM VENDOR PRIOR TO ANY ROUGH-IN.

T4. LANDLORD SHALL PROVIDE 1" EMPTY CONDUIT TO BUILDING TELEPHONE ROOM OR POINT OF TELEPHONE COMPANY LOCATION AS REQUIRED BY SPECIFIC PROJECT - VERIFY REQUIREMENT WITH U.O.I. PROJECT MANAGER. COORDINATE EXACT LOCATION AND ROUTING IN FIELD WITH TELEPHONE COMPANY AND LANDLORD.

T5. ELECTRICAL CONTRACTOR SHALL PROVIDE A GROUND BUS WITH # 6 AWG GROUND CONDUCTOR TO POINT OF SERVICE GROUND OR BUILDING STEEL IF SERVICE GROUND IS OUTSIDE TENANT SPACE.

2 TELEPHONE SYSTEM RISER DIAGRAM

E404 SCALE: NONE

CHECKPOINT SYSTEM NOTES:

CP1. CHECKPOINT IS A SYSTEM WHICH WILL SOUND AN ALARM IF MERCHANDISE IS REMOVED FROM STORE WITHOUT A SPECIAL TAG FIRST BEING REMOVED.

CP2. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL A 20 AMP 120 VOLT CIRCUIT (WITH GROUND WIRE) TO LOCATION SHOWN ON PLAN. TERMINATE CIRCUIT IN A DUPLEX RECEPTACLE INSTALLED ABOVE THE NEAREST HARDLID CEILING OR WALL ACCESS PANEL. LOCATION SHOWN ON PLAN IS APPROXIMATE: DETERMINE PRECISE LOCATION IN FIELD.

CP3. STUB ALL CONDUITS TO DUPLEX RECEPTICLE LOCATION PREVIOUSLY REFERENCED IN NOTE CP2. PROVIDE A SINGLE GANG BACKBOX WITH SINGLE GANG PLASTER RING ADJACENT TO RECEPTACLE BACKBOX.

CP4. WHERE CHECKPOINT WIRING IS INSTALLED AT GRADE LEVEL, RACEWAYS MUST BE INSTALLED WITHIN CONCRETE FLOOR. ELECTRICAL CONTRACTOR MUST CUT CONCRETE FROM EACH REQUIRED LOCATION TO NEAREST PARTITION, COLUMN ENCLOSURE, ETC. INSTALL GRS CONDUIT OR IMC CONDUIT FROM EACH REQUIRED LOCATION TO NEAREST PARTITION, COLUMN ENCLOSURE, ETC. AFTER RACEWAYS HAVE BEEN INSTALLED, ELECTRICAL CONTRACTOR SHALL PATCH CONCRETE. WHERE THERE IS A FLOOR BELOW, RACEWAYS SHALL BE INSTALLED THROUGH CEILING SPACE BELOW. ELECTRICAL CONTRACTOR SHALL CORE HOLES THROUGH THROUGH FLOOR AT EACH REQUIRED LOCATION. RUN WIRING DOWN FROM FIRST LOCATION INTO CEILING SPACE BELOW, ACROSS CEILING SPACE THEN BACK UP TO SECOND LOCATION, ETC. WIRING THROUGH CEILING SPACE BELOW SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING (EMT). EXTENSIONS UP INTO CEILING SPACE ABOVE WITHIN PARTITIONS, COLUMN ENCLOSURES, ETC. SHALL ALSO BE INSTALLED IN EMT.

CP5. ALL RACEWAYS SHALL BE PROVIDED WITH A PULL STRING. ALL WIRING, EQUIPMENT, CONNECTIONS, ETC. REQUIRED FOR SYSTEM INSTALLATION WILL BE FURNISHED AND INSTALLED BY CHECKPOINT INSTALLER.

3 CHECKPOINT DETAIL

E404 SCALE: NONE

KEYED NOTES

1. PROVIDE WITH (1) CAT 5 CABLE. LABEL #1.
2. PROVIDE WITH (7) CAT 5 CABLES. LABEL #2-#8.
3. PROVIDE WITH (2) CAT 5 CABLES (x6). LABEL #9-#20.
4. NOT USED.
5. PROVIDE WITH (4) CAT 5 CABLES. LABEL #21-#24.
6. NOT USED.
7. PROVIDE WITH (1) CAT 5 CABLES. LABEL #25.
8. PROVIDE WITH (1) CAT 5 CABLES. LABEL #26.
9. PROVIDE WITH (9) CAT 5 CABLES. LABEL #27-#35.
10. NOT USED.
11. PROVIDE WITH (1) CAT 5 CABLES. LABEL #36.
12. PROVIDE WITH (1) CAT 5 CABLES. LABEL #37.

4 LOW VOLTAGE / TELEPHONE / DATA CONDUIT SCHEMATIC

E404 SCALE: NONE

SOUND SYSTEM NOTES:

S1. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL NECESSARY RACEWAY SYSTEM FROM SOUND SYSTEM AMPLIFIER TO ALL SPEAKERS. RACEWAYS SHALL BE EMT. EACH SPEAKER DOES NOT REQUIRE A SEPARATE "HOME RUN" CONDUIT. INSTALL EMPTY CONDUITS IN A NEAT MANNER WHICH CONNECTS TO EVERY SPEAKER AS SHOWN ON PLAN.

S2. ONE EMPTY 1" CONDUIT SHALL BE INSTALLED FROM AMPLIFIER TO A POINT IN SALES AREA ON EACH FLOOR WHERE A JUNCTION BOX CAN BE INSTALLED FOR 3/4" BRANCH CONDUITS FROM JUNCTION BOX TO SPEAKERS. INSTALL EMPTY RACEWAYS AS DICTATED BY FIELD CONDITIONS. IN CLOSED CEILING APPLICATIONS, CONDUIT MAY NOT BE REQUIRED - VERIFY REQUIREMENT WITH LOCAL CODE & U.O.I. PROJECT MANAGER.

S3. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL POWER SUPPLY FOR AMPLIFIER AS SHOWN ON PLAN. VERIFY LOCATION, MOUNTING HEIGHT, ETC. WITH SOUND SYSTEM CONTRACTOR.

S4. FOR EACH SPEAKER LOCATION, ELECTRICAL CONTRACTOR SHALL FURNISH A RACO # 192 STANDARD TWO GANG JUNCTION BOX WITH 1/2" CHASE NIPPLE AND LOCK NUT (RACO # 1662 OR EQUAL)

S5. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL BACKBOXES, TRIM RINGS, CONDUITS AND BUSHINGS FOR SOUND SYSTEM. PROVIDE A COMPLETE AND USEABLE CONDUIT RACEWAY SYSTEM COMPLETE FROM EACH DEVICE TO SOUND SYSTEM RACK AND AMPLIFIER IN OFFICE. WIRING, TERMINATIONS, FURNISHING, AND INSTALLATION OF ALL SPEAKERS AND DEVICES SHALL BE BY SOUND SYSTEM VENDOR. REFER TO SOUND SYSTEM DRAWINGS AND ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF ALL DEVICES. CONTRACTOR SHALL HAVE SITE COORDINATION MEETING WITH SOUND SYSTEM VENDOR PRIOR TO ANY ROUGH-IN.

S6. ELECTRICAL CONTRACTOR SHALL PROVIDE PULL STRINGS IN ALL EMPTY CONDUITS FOR USE BY SOUND SYSTEM VENDOR.

5 SOUND SYSTEM RISER DIAGRAM

E404 SCALE: NONE

DATA SYSTEM NOTES:

D1. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT TO COUNTER. CONDUIT MUST BE INSTALLED IN CEILING SPACE BELOW. SEE GENERAL ELECTRICAL NOTES REGARDING INSTALLATION OF WIRING IN CEILING SPACE BELOW. EXTEND THIS CONDUIT TO TERMINATION POINT DESIGNED IN OFFICE AREA. VERIFY PRECISE LOCATION IN OFFICE AREA WITH OWNER'S IT REPRESENTATIVE.

D2. TERMINATION POINTS AT COUNTER DESIGNATED ARE DIAGRAMMATIC ONLY TO INDICATE CONNECTION TO REGISTER TERMINALS. DETERMINE PRECISE LOCATIONS FORM OWNER'S IT REPRESENTATIVE. PROVIDE 1" CONDUIT BETWEEN EACH SECTION OF COUNTER.

D3. COMPUTER CABLES WILL BE FURNISHED AND INSTALLED BY INFORMATION TECHNOLOGY CONTRACTOR. EACH REGISTER AT COUNTERS WILL BE CONNECTED TO RESPECTIVE SUPPLY CABLE BY DATA PROCESSING CONTRACTOR.

D4. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL BACKBOXES, TRIM RINGS, CONDUITS , WIRING AND BUSHINGS FOR DATA SYSTEM. PROVIDE A COMPLETE AND USEABLE CONDUIT RACEWAY SYSTEM COMPLETE FROM EACH DEVICE TO DATA EQUIPMENT RACK.

D5. ALL IT EQUIPMENT WILL BE FURNISHED BY OWNER; OWNER WILL SET EACH ITEM IN PLACE.

D6. OWNER WILL MAKE ALL CONNECTIONS AND TERMINATION OF CONTRACTOR INSTALLED EDP CABLES ONTO EQUIPMENT.

D7. POWER SUPPLIES FOR IT EQUIPMENT ARE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR AS SHOWN ON PLAN. DETERMINE PRECISE LOCATIONS OF ALL POWER SUPPLIES FROM OWNER'S EDP REPRESENTATIVE. SEE GENERAL ELECTRICAL NOTES REGARDING INSTALLATION OF ISOLATED GROUND CIRCUITS.

6 DATA SYSTEM RISER DIAGRAM

E404 SCALE: NONE

7 TELE / DATA RACK SCHEMATIC

E404 SCALE: NONE

24 PORT PATCH PANEL ELEVATION

8 TELEPHONE/DATA CABINET ELEVATION

E404 SCALE: NONE

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