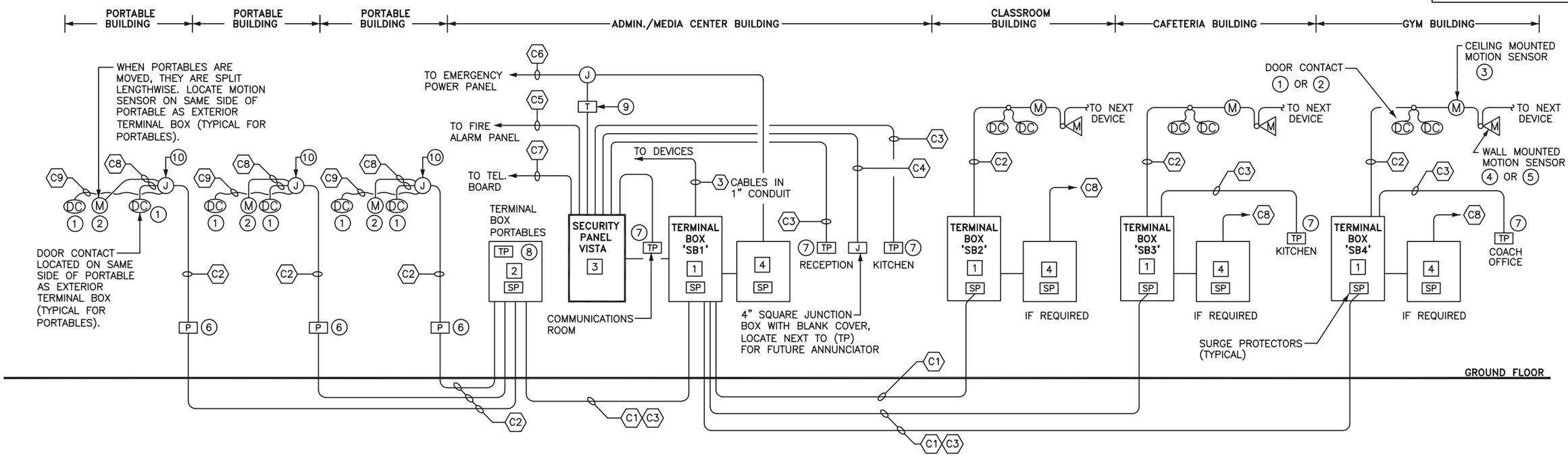
SRISER



DEVICES SCHEDULE

(1) RECESSED MAGNETIC DOOR CONTACT, SENTROL 1090–G.

(2) SURFACE MAGNETIC DOOR CONTACT, GEORGE RISK INDUSTRIES #29AWGG.

(3) CEILING MOUNTED MOTION SENSOR, 23' DIAMETER MAXIMUM COVERAGE AT 8' CEILING, 36' DIAMETER MAXIMUM COVERAGE AT 12' CEILING. INTELLISENSE #IS280CM.

(4) WALL MOUNTED MOTION SENSOR MOUNT AT 7'–6". USE IN CLASSROOM. LOCATE AT 4' AWAY FROM EXTERIOR WALL/WINDOW INTELLISENSE #DT–450T.

(5) LONG RANGE MOTION SENSOR 10'x120' RANGE. INTELLISENSE #DT–906.

(6) 6" CAST METAL PULL BOX WITH GASKETED COVER (WATER TIGHT). LOCATE NEAR CORNER OF BUILDING ON EXTERIOR OF PORTABLE. BOX IS INTENDED FOR USE ONLY AS PULL BOX. PROVIDE 12" SERVICE LOOP.

(7) TOUCH PAD, 60" MOUNTING HEIGHT. ADEMCO #6160CR. PROVIDE FILLING WALL PACKET ELDEN #GR6–13521. PROVIDE MAP OF SCHOOL SHOWING ALL DEVICES, ZONES AND PARTITIONS.

(8) TOUCH PAD, 60" MOUNTING HEIGHT. ADEMCO #6160. PROVIDE FILLING WALL PACKET ELDEN #GR6–13521. PROVIDE MAP OF SCHOOL SHOWING ALL DEVICES, ZONES AND PARTITIONS.

(9) TRANSFORMER ENCLOSURE, ADEMCO #1451

(10) 4" SQUARE JUNCTION BOX TO BE LOCATED IN CEILING SPACE IN SAME CORNER OF PORTABLE AS EXTERIOR PULL BOX.

LEGEND

(M) CEILING MOUNTED MOTION SENSOR.

M WALL MOUNTED MOTION SENSOR.

SP SURGE PROTECTOR.

TP TOUCH PAD 60" MOUNTING HEIGHT.

J (J) JUNCTION BOX.

(G) CEILING MOUNTED GLASS BREAK DETECTOR, INTELLISENSE FG–1625

SECURITY RISER DIAGRAM

NOT TO SCALE

CABINET SCHEDULE

[1] NEMA–1, HINGED WITH LATCH, TERMINAL BOX. PROVIDE THE FOLLOWING (QUANTITIES AS REQUIRED):
- * 3/4" PAINTED PLYWOOD FASTENED TO BACK OF BOX
- * 8 ZONE REMOTE POINT MODULES, ADEMCO #4208U
- * 8 ZONE REMOTE POINT MODULES, ADEMCO #4208SN
- * 2 ZONE REMOTE POINT MODULES, ADEMCO #4190SN
- * ISOLATION/EXTENDER MODULE, ADEMCO #4297
- * TERMINAL STRIPS, NEWORK PORT #31F2436 OR #31F2440.
- * SURGE PROTECTORS FOR LINE VOLTAGE, EDCO #FAS–120AC

PROVIDE 6.62" DEEP BOX SIZED TO HOUSE ALL EQUIPMENT BUT NOT SMALLER THAN 30"HIGHx20"DEEP. HOFFMAN #A–30N206LP WITH LATCH KIT.

[2] NEMA 3R LOCKABLE TERMINAL BOX. PROVIDE THE FOLLOWING (QUANTITY AS REQUIRED):
- * 3/4" PAINTED PLYWOOD FASTENED TO BACK OF BOX.
- * 8 ZONE REMOTE POINT MODULES, ADEMCO #4208U
- * 8 ZONE REMOTE POINT MODULES, ADEMCO #4208SN
- * 2 ZONE REMOTE POINT MODULES, ADEMCO #4190SN
- * ISOLATION/EXTENDER MODULES, ADEMCO #4297
- * TERMINAL STRIPS, NEW PART #31F2436 OR #31F2440
- * TOUCH PAD, ADEMCO #6139.

PROVIDE 6.62" DEEP, 24"x24" NEMA–3R HOFFMAN #A–24R248HCR. WITH LOCK KIT.

[3] SECURITY CENTRAL PANEL ADEMCO #VISTA–250FB. PROVIDE LINE VOLTAGE SURGE SUPPRESSOR EDCO #FAS–120AC.

[4] AUXILIARY POWER SUPPLY, REGULATED 12V. DC ALTRONIX #SMP5PM–CTX WITH 12V., 7AMP/HOUR SEALED LEAD ACID OR GEL BATTERIES IN NEMA–1 ENCLOSURE, LABEL "SECURITY–POWER SUPPLY" PROVIDE LINE VOLTAGE SURGE PROTECTOR EDCO #FAS–120AC.

CABLE/CONDUIT SCHEDULE

(ALL SECURITY CABLES TO BE INSTALLED IN CONDUIT)

⟨C1⟩ 2–PAIR, #18 AWG CABLE–BELDEN #9156 OR 4–CONDUCTOR, #16 AWG CABLE–BELDEN #8620 IN 2"C. PROVIDE #12 THHW/THWN IF REQUIRED FOR 12V DC POWER. PROVIDE ADDITIONAL SET OF WIRES FOR EACH TOUCHPAD. REFER TO SPECIFICATIONS FOR CABLE DISTANCE LIMITATIONS.

⟨C2⟩ MULTIPLE CABLES OF 4–CONDUCTOR, #22 AWG CABLE–BELDEN #8444, MINIMUM 1"C. PROVIDE SEPARATE HOME RUN CABLE FROM EACH SECURITY DEVICE TO TERMINAL BOX. SIZE CONDUIT FOR MAXIMUM OF 40% FILL.

⟨C3⟩ 4–CONDUCTOR, #18 AWG CABLE–BELDON #8489 OR 4–CONDUCTOR, #16 AWG CABLE–BELDON #8620 IN 1" C. REFER TO SPECIFICATIONS FOR CABLE DISTANCE LIMITATIONS.

⟨C4⟩ 12–CONDUCTOR, #22 AWG CABLE, IN 3/4"C. (GENYSIS)

⟨C5⟩ 3/4"C. WITH (2) #18 AWG, 2–CONDUCTOR CABLES – 1 FOR ALARM / 1 FOR TROUBLE

⟨C6⟩ 3#12 AWG POWER WIRES IN 1/2"C. TO EMERGENCY POWER PANEL. PROVIDE 1–POLE, 20 AMP CIRCUIT BREAKER AT PANELBOARD. USE #12 WIRES FOR MAXIMUM OF 120' LENGTH. USE #10 WIRES FOR CIRCUIT LENGTH UP TO 200'.

⟨C7⟩ 4–PAIR, CATEGORY 5e CABLE IN 3/4" CONDUIT TO MAIN TELEPHONE BOARD.

⟨C8⟩ (1) BELDEN #8444 IN 1/2" C.

⟨C9⟩ (1) BELDEN #8444 IN 1/2" FLEXIBLE METALLIC CONDUIT.