

RESPONSIBILITY MATRIX

ALL WORK IS BY THE SECURITY CONTRACTOR UNLESS NOTED, OTHERWISE AS FOLLOWS:

EG - ELECTRICAL CONTRACTOR
 TYCO - DIRECT EQUIPMENT PROVIDER FOR VERIZON
 VZN - VERIZON CORPORATE SECURITY
 SC - SECURITY CONTRACTOR (VENDOR)

GC - GENERAL CONTRACTOR
 CC - COMMUNICATIONS CONTRACTOR (DATA CABLING)
 E+ - ENGINEERING PLUS (SECURITY CONSULTANT)

DEVICE	FURNISH	CABLE	INSTALL	PROGRAM	TEST
CAMERAS	TYCO	GC	SC	VZ	VZ
CAMERA BOX/CONDUIT	EG	NA	EG	-	-
NETWORK VIDEO RECORDER & SWITCH	TYCO	GC	SC	VZ	VZ
CAMERA MONITOR & MOUNT	TYCO	GC	SC	SC	SC
BALUN FOR CAMERA MONITOR	SC	-	SC	-	SC
CARD READER + DOOR CONTACT + REX MOTION	TYCO	GC	SC	VZ	SC
CARD ACCESS DOOR BOX/CONDUIT	GC	-	EG	-	-
ONE-BOX CONTROL PANEL (STAR-05C-APS)	TYCO	GC	SC	VZ	-
BATTERIES	SC	GC	SC	-	SC
WIRELESS ALARM DEVICES	TYCO	-	SC	SC	SC
ALARM KEYPAD	TYCO	GC	SC	SC	SC
ELECTRICAL BOX/CONDUIT	GC	-	EG	-	-
ALARM MONITORING CENTRAL STATION	SC	-	SC	SC	SC
ELECTRIC CRASH BAR + POWER SUPPLY (EXISTING)	GC	GC	SC	-	SC
ELECTRIC CRASH BAR + POWER SUPPLY (NEW)	GC	GC	GC & SC	-	SC
ELECTRIC LOCKSET + POWER TRANSFER HINSE	GC	GC	SC	-	SC
DOOR PREP (CORE FOR HIRE TO LOCKSET)	GC	GC	SC	-	SC
MULTI POINT LOCK FOR INVENTORY ROOM	GC	GC	SC	-	SC
LOCAL ALARM DEVICE	GC	GC	SC	SC	SC
DOOR BELL	GC	GC	SC	-	SC

ALARM SCHEDULE

ZONE NUMBER	AREA	SENSOR TYPE	# DEVICES IN ZONE	EXPANSION BOARD-PORT
1	TELCO	ONE BOX TAMPER	1	MAIN-1
2	TELCO	POWER SUPPLY TAMPER	1	MAIN-2
3	FRONT DOOR	DOOR CONTACT	2	MAIN-3
4	REAR DOOR 1	DOOR CONTACT	1	MAIN-4
5	REAR DOOR 1	LATCH BOLT MONITOR	1	MAIN-5
6	INVENTORY	IMP LOCK INPUT	1	MAIN-6
7	INVENTORY SAFE	DOOR CONTACT	2	MAIN-7
8	REAR DOOR 2	DOOR CONTACT	1	MAIN-8
9	SPARE	LATCH BOLT MONITOR	-	-
10-24	SPARE	DOOR CONTACT	-	-
25	INVENTORY	MOTION DETECTOR	2	EBB-1
26	TELCO	MOTION DETECTOR	2	EBB-2
27	RETAIL SALES 1	MOTION DETECTOR	1	EBB-3
28	RETAIL SALES 2	MOTION DETECTOR	1	EBB-4
29	RETAIL SALES 3	MOTION DETECTOR	1	EBB-5
30	RETAIL SALES 4	MOTION DETECTOR	1	EBB-6
31	POS AREA	MOTION DETECTOR	1	EBB-7
32	OPERATIONS	MOTION DETECTOR	1	EBB-8
33	REAR DOOR	MOTION DETECTOR	1	EBB-1
34-40	SPARE	MOTION DETECTOR	-	-
41	MANAGER	PANIC BUTTON	1	WIRELESS
50	EMPLOYEE MONITOR	PANIC BUTTON	1	WIRELESS
51	POS AREA	PANIC BUTTON	1	WIRELESS
52	INVENTORY	PANIC BUTTON	1	WIRELESS
53	OPS / CASH WRAP	PANIC BUTTON	1	WIRELESS
54	ISRU TABLE	PANIC BUTTON	1	WIRELESS
55	COLLAB BAR	PANIC BUTTON	1	WIRELESS
56	POS POD	PANIC BUTTON	1	WIRELESS
57	COLLAB TABLE 1	PANIC BUTTON	1	WIRELESS
58	COLLAB TABLE 2	PANIC BUTTON	1	WIRELESS
59	COLLAB TABLE 3	PANIC BUTTON	1	WIRELESS
60	COLLAB TABLE 4	PANIC BUTTON	1	WIRELESS
61-72	SPARE	PANIC BUTTON	-	-
73	INVENTORY 1	SEISMIC SENSOR	1	WIRELESS
74	INVENTORY 2	SEISMIC SENSOR	1	WIRELESS
75	INVENTORY 3	SEISMIC SENSOR	1	WIRELESS
76	POS HALL 1	SEISMIC SENSOR	1	WIRELESS
77	POS HALL 2	SEISMIC SENSOR	1	WIRELESS
78	POS HALL 3	SEISMIC SENSOR	1	WIRELESS
79	POS HALL 4	SEISMIC SENSOR	1	WIRELESS
80	RETAIL SALES 1	SEISMIC SENSOR	1	WIRELESS
81	RETAIL SALES 2	SEISMIC SENSOR	1	WIRELESS
82	RETAIL SALES 3	SEISMIC SENSOR	1	WIRELESS
83	RETAIL SALES 4	SEISMIC SENSOR	1	WIRELESS
84	RETAIL SALES 5	SEISMIC SENSOR	1	WIRELESS
85-96	SPARE	SEISMIC SENSOR	-	-
97	RETAIL SALES 1	GLASS BREAK	1	WIRELESS
98	RETAIL SALES 2	GLASS BREAK	1	WIRELESS
99	RETAIL SALES 3	GLASS BREAK	1	WIRELESS
100	RETAIL SALES 4	GLASS BREAK	1	WIRELESS
101-128	SPARE	GLASS BREAK	-	-

DEVICE/FIXTURE DATA JACK COUNT

TRAFFIC/SUB	QUANTITY	NOTES
1 PER ENTRANCE	1	DATA BOX (8BISU) ABOVE CEILING.
1 PER QUANTITY 5	5	CEILING MOUNT ONLY. 2 FOR RSH, OPPOSITE CORNERS OF SALES FLOOR. 3 FOR VZ DEVICES, CENTERED ON CEILING (2 ON SALES FLOOR AND 1 IN THE BACK OFFICE).
2 PER FIXTURE	2	DIGITAL - DIGITAL DISPLAY
1 PER FIXTURE	1	SPOT - SPOTLIGHT
1 PER FIXTURE	1	CT - COLLABORATION TABLE BAR (ALL SIZES)
1 PER FIXTURE	1	BT - BUSINESS TABLE
1 PER FIXTURE	1	EXP - EXPERIENCE TABLE (ALL SIZES)
2 PER FIXTURE	2	ABLE
2 PER FIXTURE	2	SPU
2 NEAREST DOOR + 1 PS OTHERS	2	TV - TICKER SHELF MONITORS
1 PER FIXTURE	1	DR - DEVICE RACK
2 PER POWER	2	CO - CASE GALLERY
2 PER POWER	2	SS - WALL CASE (ALL SIZES)
2 PER POWER	2	SW - SLAT WALL
3 PER FIXTURE	3	ETL - 50 HUB
1 FULL STRING ONLY	1	DM - DEVICE MALL (EXPRESS)
2 PER POWER	2	AW - ACCESSORY WALL (EXPRESS)
2 PER POWER	2	AW - ATTRACT MONITOR (EXPRESS)
1 FULL STRING ONLY	1	KT - KID TABLE
3 PER FIXTURE	3	LR - 56 LIVING ROOM
1 PER FIXTURE	1	BPK
1 PER FIXTURE	1	4POS (POS 4 FLOOR FIXTURE)
1 PER FIXTURE	1	5 POS (POS 5 WORKSTATION)
2 PER CHAIRSPACE	2	MGR/TRAINING STATIONS
2 PER CHAIRSPACE	2	MFC/COPIER/PRINTER
1 PER DEVICE	1	INVENTORY MONITOR (EXPRESS)
1 PER DEVICE	1	SMART BOARD (SB/SM)
4 PER CHAIRSPACE	4	TV WORKSTATION
1 PER DEVICE	1	DEVICE SAFE
1 PER 5-POS	1	VOLUME CONTROL
1V SPEAKER WIRE PER DEVICE	1	SPEAKERS
1 PER DEVICE	1	CM CAMERA MONITOR

NOTES

1 DUPLEX NEAREST DOOR. FULL STRING ONLY FOR OTHER TM SPACES.

MAY REMOVE DATA-ONLY CONDUIT WHERE NO POWER CONDUIT IS PRESENT.

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2 PER 4" SECTION IF FREESTANDING AND/OR DAISY CHAIN (NHIP) POWER.

MAY REMOVE DATA-ONLY CONDUIT WHERE NO POWER CONDUIT IS PRESENT.

ALSO CALLED LIVE TRY

ALSO CALLED ACCESSORY BAY

ALSO CALLED VIDEO MALL

FORMAL FIXTURE NAME TBD.

ALSO CALLED ORDER BOARD

WALL MOUNT CAT-6 TO TELCO RACK - AMP SHELF

SOUND/SPEAKER CABLING (4 FOR EXPRESS, 6 FOR NEXTGEN. SPACED EVENLY ABOVE SALES FLOOR)

RESPONSIBILITY MATRIX

ALL WORK IS BY THE GENERAL CONTRACTOR UNLESS NOTED, OTHERWISE AS FOLLOWS:

GC - GENERAL CONTRACTOR
 CC - COMMUNICATIONS CONTRACTOR
 E+ - ENGINEERING PLUS (SECURITY CONSULTANT)

DEVICE	VENDOR	PART NUMBER	FURNISH	CABLE	INSTALL	PROGRAM	TEST
CATEGORY 6 UTP GABLE, PLENM, 1000', WHITE	NFLEXON	GB06PNN101K0	GC	GC	GC	-	GC
CATEGORY 6 UTP GABLE, RISER, 1000', WHITE	NFLEXON	GB06RNN101K0	GC	GC	GC	-	GC

III RACK PARTS LIST

DESCRIPTION	VENDOR	PART NUMBER	FURNISH	CABLE	INSTALL	PROGRAM	TEST
UJ 24-PORT CAT-6 UTP STRAIGHT PATCH PANEL	NFLEXON	FP06STBK24PO	GC	-	GC	-	-
2U 48-PORT CAT-6 UTP ANGLED PATCH PANEL	NFLEXON	FP06ANBK48PO	GC	-	GC	-	-
14" THD POST STANDARD 45U RACK - NO EXCEPTIONS	RXL	2201-02-45	GC	-	GC	-	-
VERTICAL CABLE MANAGER	RXL	392-02-08	GC	-	GC	-	-
1U SINGLE SIDED UNIVERSAL HORIZONTAL CABLE MANAGER	RXL	3010-02-01	GC	-	GC	-	-
2U SINGLE SIDED UNIVERSAL HORIZONTAL CABLE MANAGER	RXL	3010-02-02	GC	-	GC	-	-
1U FILLER PANEL, BLACK	RXL	2030-02-01	GC	-	GC	-	-
2U FILLER PANEL, BLACK	RXL	2030-02-02	GC	-	GC	-	-
SINGLE VENTED SHELF, 14" WIDE X 14" DEEP, 2U BLACK	RXL	2038-02-02	GC	-	GC	-	-
1U RACK SHELF, 10" DEEP, BLACK	RXL	2022-02-10	GC	-	GC	-	-
1U POWER STRIP - 10 OUTLETS	RXL	HBP1-1100	GC	-	GC	-	-
BUS BAR KIT	RXL	4212-TS6	GC	-	GC	-	-
BUS BAR INSULATOR ASSEMBLIES	RXL	1045-SE6	GC	-	GC	-	-
CONCRETE FLOOR INSTALLATION KIT	RXL	2038-CZ-01	GC	-	GC	-	-
VELOCITY CABLE SPOOL KIT, 4 SPOOLS, 2" DIAMETER X 6' LONG	RXL	FP02-02-01	GC	-	GC	-	-

IV RACK PARTS LIST

DESCRIPTION	VENDOR	PART NUMBER	FURNISH	CABLE	INSTALL	PROGRAM	TEST
CATEGORY 6 UTP KEYSTONE JACK, GRAY	NFLEXON	FKYK5JH02PO	GC	-	GC	-	-
CATEGORY 6 UTP KEYSTONE JACK, WHITE	NFLEXON	KJT06NH010	GC	-	GC	-	-
2 PORT FACEPLATE, PLASTIC, GRAY	NFLEXON	FPKYSJH02PO	GC	-	GC	-	-
2 PORT FACEPLATE, PLASTIC, WHITE	NFLEXON	FPKYSJH02PO	GC	-	GC	-	-
4 PORT FACEPLATE, PLASTIC, WHITE	NFLEXON	FPKYSJH04PO	GC	-	GC	-	-
6 PORT FACEPLATE, PLASTIC, WHITE	NFLEXON	FPKYSJH06PO	GC	-	GC	-	-
10 PORT FACEPLATE, PLASTIC, WHITE	NFLEXON	FPKYSJH10PO	GC	-	GC	-	-
12 PORT SURFACE MOUNT BOX, WHITE	NFLEXON	SMKYSJH02PO	GC	-	GC	-	-

SPEAKERS

DESCRIPTION	VENDOR	PART NUMBER	FURNISH	CABLE	INSTALL	PROGRAM	TEST
FLUSH MOUNT SPEAKER	ATLAS SOUND	FAF42C	VZ	GC	GC	VZ	GC
PENDANT MOUNT SPEAKER	JBL	65PT-PH	VZ	GC	GC	VZ	GC
SPEAKER WIRE 16GA-2COND, UNSHIELDED, PLENM WHITE	BELDEN	6200JE	GC	GC	GC	-	GC

SECURITY

DEVICE	VENDOR	PART NUMBER	FURNISH	CABLE	INSTALL	FINAL CONNECTIONS	TEST
CAMERAS	AXIS	SEE SECURITY PLAN	JCI	GC	GC	GC	VZ
CAMERA BOX/CONDUIT	AXIS	TO MATCH CAMERA	JCI	-	GC	-	-
NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY	AD	-	VZ	GC	GC	GC	VZ
CAMERA MONITOR & MOUNT (PROGRAM CAMERA VIEW) PER MONITOR	MB	0E-32LEDMON	JCI	GC	GC	GC	SC
BALUN FOR CAMERA MONITOR	SC	-	GC	-	GC	-	SC
CARD READER + DOOR CONTACT + REX MOTION (PARTS)	SOFTWARE HOUSE	-	JCI	GC	GC	VZ	SC
PREPARE CARD ACCESS AT DOOR (BOX/CONDUIT/CUT HOLES FOR DOOR CONTACT)	-	-	GC	-	GC	-	-
ONE-BOX CONTROL PANEL (STAR-05C-APS)	SOFTWARE HOUSE	-	JCI	GC	GC	VZ	SC
BATTERIES	-	12V 7AH	GC	GC	GC	-	SC
WIRELESS ALARM DEVICES	DSI	-	JCI	-	GC	VZ	SC
ALARM KEYPAD	DSI	HS2LCD	JCI	GC	GC	-	SC
ELECTRICAL BOX/CONDUIT	-	-	GC	-	GC	-	-
ALARM MONITORING CENTRAL STATION (IF NOT REPORTING TO SOC, ELIZABETH NJ)	-	-	GC	-	GC	SC	SC
ELECTRIC CRASH BAR + POWER SUPPLY (EXISTING)	-	-	GC	-	GC	SC	SC
ELECTRIC CRASH BAR + POWER SUPPLY (NEW)	-	-	GC	GC	GC	SC	SC
ELECTRIC LOCKSET + POWER TRANSFER HINSE	-	-	GC	GC	GC	SC	SC
DOOR PREP (CORE FOR HIRE TO LOCKSET)	-	-	GC	GC	GC	SC	SC
MULTI POINT LOCK FOR INVENTORY ROOM	SECURETECH	-	GC	GC	GC	SC	SC
LOCAL ALARM DEVICE	DETEX	E500	GC	GC	GC	SC	SC
DOOR BELL	-	-	GC	GC	GC	-	SC

CAMERA / IP SCHEDULE

CAMERA #	CAMERA NAME	PART NUMBER	IP ADDRESS (# PORTS)
CAM-01	RETAIL SALES PTZ	AXIS M525-E	10.XXX.YYY.191
CAM-02	INTERIOR FRONT DOOR	AXIS P3225-LV	10.XXX.YYY.200
CAM-03	INTERIOR REAR DOOR	AXIS P3225-LV	10.XXX.YYY.201
CAM-04	FRONT DOOR EXTERIOR	AXIS P3227-LVE	10.XXX.YYY.202
CAM-05	SPARE	AXIS P3227-LVE	10.XXX.YYY.203
CAM-06	INVENTORY	AXIS M805T-FLVE	10.XXX.YYY.204
CAM-07	SPARE	AXIS M805T-FLVE	10.XXX.YYY.205
CAM-08	TELCO	AXIS M815-LVE	10.XXX.YYY.206
CAM-09	POS	AXIS M815-LVE	10.XXX.YYY.207
CAM-10	PERIMETER FRONT	AXIS G3515-LVE	10.XXX.YYY.208
CAM-11	PERIMETER SIDE	AXIS P3807-PVE	10.XXX.YYY.209
CAM-12	PERIMETER REAR AND DOOR	AXIS P3807-PVE	10.XXX.YYY.210
CAM-13	RETAIL SALES 1	AXIS G3515-LVE	10.XXX.YYY.211
CAM-14	RETAIL SALES 2	AXIS G3515-LVE	10.XXX.YYY.212
CAM-15	RETAIL SALES 3	AXIS G3515-LVE	10.XXX.YYY.213
CAM-16	SALES FLOOR QUAD CAMERA	AXIS P317T-FLE	10.XXX.YYY.214
CAM-17	BPK / SALES FLOOR	AXIS M815-LVE	10.XXX.YYY.215
CAM-18	REAR DOOR 2	AXIS P3225-LV	10.XXX.YYY.216
CAM-19	SPARE	AXIS M815-LVE	10.XXX.YYY.217
CAM-20	RETAIL SALES 1	AXIS M815-LVE	10.XXX.YYY.218
CAM-21	RETAIL SALES 2	AXIS M815-LVE	10.XXX.YYY.219
CAM-22	RETAIL SALES 3	AXIS M815-LVE	10.XXX.YYY.220
CAM-23	RETAIL SALES 4	AXIS M815-LVE	10.XXX.YYY.221
CAM-24	RETAIL SALES 5	AXIS M815-LVE	10.XXX.YYY.222
SPARE	SELECT CAMERA	AXIS P3807-PVE	10.XXX.YYY.223
SP-01	FRONT	TALKDOWN SPEAKER	10.XXX.YYY.225
SP-02	SIDE	TALKDOWN SPEAKER	10.XXX.YYY.226
SP-03	REAR	TALKDOWN SPEAKER	10.XXX.YYY.227
IDS	TIME DELAY SAFE	KBX IIT1	10.XXX.YYY.228
NVR-01	NVR 1	-	10.XXX.YYY.229
NVR-02	NVR 2	-	10.XXX.YYY.230
DCDR-01	MANAGER MONITOR	SAMSUNG SPD-150	10.XXX.YYY.231
DCDR-02	BOH MONITOR	SAMSUNG SPD-150	10.XXX.YYY.232
DSC-01	BURSALAR ALARM	-	10.XXX.YYY.233
STAR-01	ACCESS CONTROL	-	10.XXX.YYY.234

READER SCHEDULE

RDR #	ROOM NAME	READER TYPE	DOOR TYPE	ELECTRIC LOCK TYPE	POWER LOSS CONDITION
CR-01	FRONT DOOR	KEYPAD	DOUBLE	ELECTRIC CRASH BAR	SECURE
CR-02	OPERATIONS AREA	STANDARD	SINGLE	ELECTRIC STRIKE	SECURE
CR-03	TELCO	STANDARD	SINGLE	ELECTRIC STRIKE	SECURE
CR-04	INVENTORY	STANDARD	SINGLE	ELECTRIC STRIKE	SECURE
CR-05	REAR DOOR	KEYPAD	SINGLE	ELECTRIC CRASH BAR	SECURE
CR-06	SPARE	-	-	-	-
CR-07	SPARE	-	-	-	-
CR-08	SPARE	-	-	-	-

CABLE SCHEDULE

SYMBOL	DEVICE	CABLE
⊙	6 SPEAKERS IN STANDARD STORE	226, 4 COND. OAS
⊙	4 SPEAKERS IN EXPRESS STORE	186, 2 COND.
⊙	6 SPEAKERS IN STANDARD STORE	226, 4 COND. OAS
⊙	4 SPEAKERS IN EXPRESS STORE	226, 4 COND. SOL
⊙	CEILING MOUNTED SPEAKER	CAT-6
⊙	BELL STRING ONLY IN REAR BOX	-
⊙	CEILING MOUNTED SPEAKER	18-2C-P-NHT-500
⊙	REAR DOOR X-NUMBER OF PORTS	CAT-6
⊙	WIRELESS ACCESS POINT	CAT-6
⊙	WALL PLATE, X-NUMBER OF	CAT-6
⊙	FULL STRINGS ONLY WALL MOUNT	-
⊙	SPEAKER VOLUME CONTROL	CAT-6

RECOMMENDED VENDORS

NFLEXON: TODD TASKER@NFLEXON.COM 714-290-2222

RXL: EDDIE GARCIA, ES@RXL.COM 809-207-0584

