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PANEL DESIGNATION SYSTEM	
L1N1B	
1	L = LIGHTING
	P = POWER
	D = DISTRIBUTION M = MECHANICAL
	S = SWITCHBOARD RP = RELAY PANEL
2	1 = 120/208V 3Ø
	2 = 277/480V 3Ø
3	OS = OPTIONAL EMERGENCY SOURCE
	LS = LIFE/SAFETY SOURCE
	N = NORMAL POWER SOURCE
4	A = AREA "A"
	B = AREA "B"
	C = AREA "C"
	ETC.
5	1 = FIRST FLOOR
	2 = SECOND FLOOR
	ETC.

LIGHTING FIXTURE SYMBOLS AND DEVICES	
SYMBOL	DESCRIPTION
[Symbol]	LED LIGHTING FIXTURE. SEE FIXTURE SCHEDULE. SUSPEND FOUR CORNERS WITH WIRE TO STRUCTURE. DO NOT ALLOW GRID ALONE TO SUPPORT FIXTURE.
[Symbol]	LED STRIP FIXTURE.
[Symbol]	LED LIGHTING FIXTURE.
[Symbol]	WALL MOUNTED LED LIGHTING FIXTURE.
[Symbol]	LED FIXTURE WITH DRIVER ON LIFE SAFETY BRANCH. SEE FIXTURE SCHEDULE FOR FIXTURE TYPE. EMERGENCY DEVICE SHALL SUPPLEMENT FIXTURE.
[Symbol]	SURFACE LINEAR LIGHT (TYPE DENOTED)
[Symbol]	SUSPENDED OR PENDANT LIGHT (TYPE DENOTED)
[Symbol]	RECESSED LINEAR LIGHT (TYPE DENOTED)
[Symbol]	EXIT LIGHT WITH NUMBERS OF FACES AS INDICATED ON PLANS AND ARROWS AS REQUIRED. SEE LIGHTING FIXTURE SCHEDULE. NO BATTERY BACKUP.
[Symbol]	EMERGENCY BATTERY PACK FIXTURE. 90 MINUTE EMERGENCY INTEGRAL BATTERY. SEE LIGHTING FIXTURE SCHEDULE. MOUNT UP 9'-0" AFF.
[Symbol]	ATHLETIC FIELD SPORTS LIGHTING FIXTURES AND STANDARD. SEE SPECIFICATIONS.
[Symbol]	LED WALL SCONCE SERVED BY EMERGENCY POWER. SEE FIXTURE SCHEDULE.
[Symbol]	SINGLE HEAD POLE FIXTURE. SEE FIXTURE SCHEDULE.
[Symbol]	FLOODLIGHT. SEE FIXTURE SCHEDULE.
[Symbol]	SINGLE POLE SWITCH, 20 AMP, 120/277 VOLT, COOPER AH 1221, OR EQUAL BY HUBBELL, LEVITON, AND PASS & SEYMOUR.
[Symbol]	DOUBLE POLE SWITCH, 20 AMP, 120/277 VOLT, COOPER 1222, OR EQUAL.
[Symbol]	THREE WAY SWITCH, 20 AMP, 120/277 VOLT, COOPER 1223, THREE WAY SWITCH, 20 AMP, 120/277 VOLT, COOPER 1223, OR EQUAL BY HUBBELL, LEVITON, AND PASS & SEYMOUR.
[Symbol]	FOUR WAY SWITCH, 20 AMP, 120/277 VOLT, COOPER 1224, OR EQUAL.
[Symbol]	PILOT LIGHT SWITCH
[Symbol]	KEY OPERATED SWITCH
[Symbol]	2-HR TIMER SWITCH, 20 AMP, 120/277 VOLT, EQUAL TO INTERMATIC FF SERIES
[Symbol]	3-POSITION ROCKER SWITCH 120V (UP/NORMAL/DOWN) LEVITON SINGLE POLE DOUBLE THROW (CENTER OFF) MAINTAINED CONTACT 5685-2-W OR APPROVED EQUIVALENT (2HP MAX) LOW VOLTAGE (24V), 56081-2W, E.C. TO VERIFY WITH SPECIFIED SCREEN TYPE
[Symbol]	DIMMER SWITCH. LUTRON SERIES, OR EQUAL. VERIFY LOAD ON CIRCUIT AND MATCH DIMMER SIZE TO LOAD AND DEVICE QUANTITY. PROVIDE DOUBLE GANG J-BOX WITH SINGLE GANG TRIM PLATE. PROVIDE DIMMING SWITCH AS RECOMMENDED BY LIGHTING MANUFACTURER. MATCH SWITCH TYPE TO SOURCE LED DRIVER, WATTAGE, AND QUANTITY.
[Symbol]	LOW VOLTAGE SWITCH MOUNTED IN FLUSH JUNCTION BOX TO CONTROL DIMMING RELAY TYPE DOUBLE POLE/DOUBLE THROW MOMENTARY-ON ACTUATION SWITCH.
[Symbol]	LOW VOLTAGE SWITCH. REFERENCE DETAIL.
[Symbol]	INDICATES TWO LEVEL SWITCHING.
[Symbol]	TWO GANG VACANCY SENSOR AND SWITCH (MANUAL ON/AUTOMATIC OFF). INFRARED TECHNOLOGY, 120/277 RATED. SENSOR SWITCH WSX, WATT STOPPER PW-301, LEVITON, COOPER OR EQUAL.
[Symbol]	CEILING MOUNTED LINE VOLTAGE OCCUPANCY SENSOR, DUAL TECHNOLOGY. SENSOR SWITCH, WATT STOPPER, COOPER OR EQUAL.
[Symbol]	WALL MOUNTED LINE VOLTAGE OCCUPANCY SENSOR, DUAL TECHNOLOGY. SENSOR SWITCH, WATT STOPPER, LEVITON, GREENGATE OR EQUAL. CONICAL PATTERN. MOUNT AS CLOSE TO CORNER OF ROOM AS POSSIBLE. MOUNT 10' AFF OR 6' BELOW CEILING (IF LOWER THAN 10')
[Symbol]	CEILING MOUNTED VACANCY SENSOR, DUAL TECHNOLOGY. SENSOR SWITCH, WATT STOPPER, COOPER OR EQUAL.
[Symbol]	WALL MOUNTED OCCUPANCY SENSOR AND SWITCH. DUAL TECHNOLOGY WITH NEUTRAL, 120/277V RATED. WATT STOPPER WSX-250, OR EQUAL BY SENSOR SWITCH, AND LEVITON.
[Symbol]	WALL MOUNTED OCCUPANCY SENSOR AND SWITCH. DUAL TECHNOLOGY. WATT STOPPER #PW-200, SENSOR SWITCH, COOPER CONTROLS OR EQUAL. FOR STEP BALLAST. SWITCH SHALL BE INSTALLED IN SINGLE GANG BOX, 120/277V RATED.
[Symbol]	PHOTO CONTROL, EXTERIOR, MOUNT FACING NORTH.
[Symbol]	CEILING MOUNTED OCCUPANCY SENSOR POWER PACK. SENSOR SWITCH PP-20, WATT STOPPER #BZ-100, COOPER SP-20, OR EQUAL.
[Symbol]	EXTERIOR MOUNTED LINE VOLTAGE MOTION SENSOR. WATT STOPPER #EN-100 (90 DEGREE) OR EQUAL.
[Symbol]	GENERATOR TRANSFER DEVICE FOR NORMAL LIGHTING CONTROL. SEE EMERG. LTG RELAY DETAIL. CONNECT TO LOCAL LIFE SAFETY BRANCH LIGHTING CIRCUIT. WHERE BI-LEVEL SWITCH CIRCUITING IS SHOWN FOR LIGHTING FIXTURE, PROVIDE A MINIMUM OF TWO GTD'S FOR LIGHTING FIXTURE(S). BASED ON BODINE GTD, EQUALS BY: DUAL LITE, IOTA, CHLORIDE, SCHNEIDER ELECTRIC.
[Symbol]	LIGHTING CONTROL RELAY. REFER TO LCF SCHEDULE FOR MORE DETAILS.

TELECOMMUNICATIONS ELEC	
SYMBOL	DESCRIPTION
[Symbol]	PLYWOOD TELEPHONE BACKBOARD. SIZE AS INDICATED ON RISER.
[Symbol]	TELE/DATA OUTLET ABOVE COUNTER OR HEIGHT SPECIFIED. MINIMUM 1" CONDUIT TO ABOVE NEAREST ACCESSIBLE CEILING FOR J-HOOK SYSTEM OR TO LOCAL CABLE TRAY (WITHIN 6") AS APPLICABLE WITH PULL STRING. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
[Symbol]	TELE/DATA OUTLET. MINIMUM 1" CONDUIT TO ABOVE NEAREST ACCESSIBLE CEILING FOR J-HOOK SYSTEM OR TO LOCAL CABLE TRAY (WITHIN 6") AS APPLICABLE WITH PULL STRING. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
[Symbol]	LADDER STYLE CABLE TRAY 12" WIDE X 4" DEEP (8" RUNG SPACING) SUSPENDED FROM CEILING STRUCTURE UNLESS OTHERWISE NOTED CABLE TRAY SHALL BE COORDINATED WITH MECHANICAL DUCTWORK IN FIELD PRIOR TO INSTALLATION; CONTRACTOR SHALL PRODUCE COORDINATION DRAWINGS AND FIELD ADJUST AS REQUIRED TO MEET INTENT OF DRAWINGS.
[Symbol]	STRUCTURE MOUNTED JUNCTION BOX FOR WIRELESS ACCESS POINT IN OPEN CEILING APPLICATIONS. 4" SQUARE BOX WITH A TWO-GANG OPENING. STUB 1" EC FROM BOX TO J-HOOKS OR CABLE TRAY ABOVE ACCESSIBLE CEILING. CLASSROOM LOCATIONS REQUIRE NO CONDUIT.
[Symbol]	WALL MOUNTED JUNCTION BOX FOR WIRELESS ACCESS POINT IN OPEN CEILING APPLICATIONS. 4" SQUARE BOX WITH A TWO-GANG OPENING. STUB 1" EC FROM BOX TO J-HOOKS OR CABLE TRAY ABOVE ACCESSIBLE CEILING. CLASSROOM LOCATIONS REQUIRE NO CONDUIT.
[Symbol]	INTERACTIVE JUNCTION BOX. 3/4" EC TO INTERACTIVE TV BOX AND 3/4" EC TO CLASSROOM INTERACTIVE SPEAKER WITH PULL STRING. 4" SQUARE X 3" DEEP BOX WITH A SINGLE-GANG OPENING AND PLASTER RING. SEE DETAIL.
[Symbol]	CLASSROOM INTERACTIVE SPEAKER. SINGLE-GANG JUNCTION BOX WITH 3/4" CONDUIT. SEE CLASSROOM TECHNOLOGY LAYOUT DETAIL.
[Symbol]	CLASSROOM INTERACTIVE TV BOX. 3-GANG RECESSED WALL BOX, BASED ON ARLINGTON INDUSTRIES TVB507 OR EQUAL. SEE CLASSROOM TECHNOLOGY LAYOUT DETAIL. PROVIDE MOUNTING BRACKET BASED ON INSTALLATION MATERIAL WALL TYPE. (2) 3/4" EC FOR DATA/AV AND (1) 3/4" FOR POWER. +56" TO THE BOTTOM.
[Symbol]	TWO WAY VOICE COMMUNICATION MASTER INTERCOM STATION. MOUNTED 44" AFF.
[Symbol]	TWO WAY VOICE COMMUNICATION INTERCOM STATION. MOUNTED 44" AFF.
[Symbol]	TELECOMMUNICATIONS MAIN GROUND BAR.
[Symbol]	TELECOMMUNICATIONS GROUND BAR.
[Symbol]	CONDUIT SLEEVE. 4" SLEEVE UNLESS OTHERWISE NOTED. IN FIRE OR SMOKE RATED WALLS USE A RATED SYSTEM BY "EZ-PATH", "MULTI SPEED SLEEVE" OR "UNIQUE FIRE STOP (LIMITED TO 2 HOURS)".

SYMBOL SCHEDULE POWER	
SYMBOL	DESCRIPTION
[Symbol]	WIRING SYSTEM CONCEALED IN WALL OR CEILING.
[Symbol]	WIRING SYSTEM CONCEALED IN OR UNDER SLAB OR UNDERGROUND.
[Symbol]	WIRING SYSTEM EXPOSED.
[Symbol]	BRANCH CIRCUIT HOMERUN TO PANEL.
[Symbol]	JUNCTION BOX WITH CONNECTION TO EQUIPMENT SERVED.
[Symbol]	208Y/120V PANELBOARD. SEE SCHEDULE FOR MOUNTING. TOP OF PANEL AT 6'-6" AFF.
[Symbol]	480Y/277V PANELBOARD. SEE SCHEDULE FOR MOUNTING. TOP OF PANEL AT 6'-6" AFF.
[Symbol]	480-208Y/120V TRANSFORMER. SEE RISER FOR SIZE. PROVIDE 4" HOUSEKEEPING PAD.
[Symbol]	SIMPLEX RECEPTACLE, 20 AMP, 120 VOLT.
[Symbol]	DUPLEX RECEPTACLE, 15 AMP, 120 VOLT (USE 20 AMP FOR SINGLE RECEPTACLE ON A CIRCUIT)
[Symbol]	GROUND FAULT RECEPTACLE. NEMA 5-20R DUPLEX. ALL RECEPTACLES INSTALLED OUTSIDE. WITHIN 3' OF A SINK OR IN A KITCHEN SHALL BE GFI.
[Symbol]	DUPLEX RECEPTACLE WITH TWO USB PORTS. NEMA 5-20R DUPLEX. COOPER TR7756 OR EQUAL.
[Symbol]	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER BACKSPLASH, OR AT HEIGHT NOTED.
[Symbol]	GROUND FAULT DUPLEX RECEPTACLE. NEMA 5-20R DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER BACKSPLASH, OR AT HEIGHT NOTED.
[Symbol]	QUAD RECEPTACLE. TWO NEMA 5-20R DUPLEX RECEPTACLES.
[Symbol]	GFI NEMA 5-20R QUAD RECEPTACLE FOR ELECTRIC WATER COOLER. COORDINATE LOCATION WITH PLUMBING CONTRACTOR.
[Symbol]	WEATHERPROOF RECEPTACLE. NEMA 5-20R DUPLEX. COVER SHALL BE INTERMATIC #WP1020 (CLEAR) OR EQUAL. PS WJUCIO-C (CLEAR).
[Symbol]	DUPLEX RECEPTACLE MOUNTED ON CEILING.
[Symbol]	TELEVISION OUTLET. 3/4" EC TO ABOVE ACCESSIBLE CEILING WITH PULL STRING. FLUSH 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
[Symbol]	SURGE PROTECTION DEVICE (SPD); SEE DETAIL.
[Symbol]	JUNCTION BOX FOR HAND DRYER CONNECTION. SEE MOUNTING HEIGHTS DETAIL FOR EXACT HEIGHT; SEE ARCH. SHEETS FOR COORDINATION 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
[Symbol]	JUNCTION BOX WITH FRACTIONAL HORSEPOWER MANUAL MOTOR STARTER, WITH OVERLOAD PROTECTION AND CONNECTION TO EQUIPMENT SERVED. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
[Symbol]	SPECIAL OUTLET. SEE PLANS.
[Symbol]	COUNTER TOP-MOUNTED FLIP UP RECEPTACLE W/USB. SEE DRAWINGS FOR MODEL.
[Symbol]	TWO GANG FLUSH MOUNTED FLOOR BOX WITH ACCESSIBLE COVER FOR POWER. PROVIDE TWO NEMA 5-20R DUPLEX RECEPTACLES. EQUAL TO WIREMOLD RFB2-OG-FB1C. ARCHITECT TO SELECT FINISH.
[Symbol]	TWO GANG FLUSH MOUNTED FLOOR BOX WITH ACCESSIBLE COVER FOR POWER AND COMMUNICATIONS. PROVIDE ONE NEMA 5-20R DUPLEX RECEPTACLE AND ONE COMMUNICATIONS PLATE FOR SIX RJ45 CAT5 JACKS. EQUAL TO WIREMOLD RFB2-OG-FB1C. ARCHITECT TO SELECT FINISH. STUB FROM BOX ONE CONCEALED 2" ROUTED TO WHICHEVER IS NEAREST, BB, J-HOOKS, OR CABLE TRAY.
[Symbol]	SIX GANG FLUSH MOUNTED FLOOR BOX WITH ROUND ACCESSIBLE COVER FOR POWER AND COMMUNICATIONS. PROVIDE FIVE NEMA 5-20R DUPLEX RECEPTACLES AND ONE COMMUNICATIONS PLATE WITH PROVISION FOR SIX RJ45 CAT5 JACKS. EQUAL TO WIREMOLD RFB6-OG-8CT. ARCHITECT TO SELECT FINISH. STUB FROM BOX ONE CONCEALED 1 1/4" ROUTED TO WHICHEVER IS NEAREST, BB, J-HOOKS, OR CABLE TRAY.
[Symbol]	NON-FUSED HEAVY DUTY DISCONNECT SWITCH. NUMERALS INDICATE SWITCH RATING. NEMA 1 ENCLOSURE, UNLESS OTHERWISE NOTED.
[Symbol]	FUSED HEAVY DUTY DISCONNECT SWITCH. NUMERALS INDICATE SWITCH RATING/FUSE SIZE. NEMA 1 ENCLOSURE, UNLESS OTHERWISE NOTED.
[Symbol]	COMBINATION STARTER/FUSED DISCONNECT. NUMERALS INDICATE SWITCH RATING. NEMA 1 ENCLOSURE, UNLESS OTHERWISE NOTED.
[Symbol]	CIRCUIT BREAKER. NUMERALS INDICATE RATING. NEMA 1 ENCLOSURE, UNLESS OTHERWISE NOTED.
[Symbol]	FRACTIONAL HORSEPOWER MANUAL MOTOR STARTER.
[Symbol]	MOTOR OPERATED DAMPER. LOCATE SWITCH ADJACENT TO DAMPER. WIRING FROM SWITCH TO DAMPER BY MC. (DAMPER BY MC)
[Symbol]	PROJECTOR POWER/DATA
[Symbol]	GENERATOR FLUSH MOUNTED ANNUNCIATOR PANEL; 3/4" CONDUIT TO ATS. PROVIDE BOX AS REQUIRED PER MANUFACTURER RECOMMENDATION. PROVIDE CABLING PER MANUFACTURER RECOMMENDATIONS. TOP AT 6'-6" AFF.

COMMUNICATIONS	
SYMBOL	DESCRIPTION
[Symbol]	INTERCOM. REFER TO SPECIFICATIONS AND DETAILS FOR DEVICES AND CABLING REQUIREMENTS. REFER TO ELECTRICAL DRAWINGS FOR JUNCTION BOX AND CONDUIT REQUIREMENTS.
[Symbol]	FLUSH MOUNTED CEILING SPEAKER. WITH 3/4" CONDUIT TO CABLE TRAY. UNLESS NOTED OTHERWISE, REFER TO SPECIFICATIONS FOR DEVICES AND CABLING.
[Symbol]	WALL-MOUNTED SPEAKER. 3/4" CONDUIT TO LOCAL CABLE TRAY. REFER TO SPECIFICATIONS FOR DEVICES AND CABLING.
[Symbol]	WALL-MOUNTED SPEAKER. 3/4" CONDUIT TO LOCAL CABLE TRAY. PROVIDE WEATHER PROOF J-BOX. REFER TO SPECIFICATIONS FOR DEVICES AND CABLING.
[Symbol]	PROVISIONS FOR GYM AV WALL-MOUNTED SPEAKER. REFER TO DRAWINGS FOR REQUIREMENTS. DEVICES AND CABLING PROVIDED BY AV CONTRACTOR.
[Symbol]	VOLUME CONTROL; SINGLE GANG BOX AND 3/4" CONDUIT TO ABOVE CEILING WITH PULL STRING. SEE APPLICABLE DETAIL AND/OR SPECIFICATIONS FOR ADDITIONAL CONDUIT AND CABLING REQUIREMENTS.
[Symbol]	ANTENNA - SEE FIRST RESPONDER SYSTEM BOOSTER RISER. DETAIL #4 ON E-502
[Symbol]	BI-DIRECTIONAL AMPLIFIER ANNUNCIATOR - SEE FIRST RESPONDER SYSTEM BOOSTER RISER. DETAIL #4 ON E-502

FIRE ALARM	
SYMBOL	DESCRIPTION
[Symbol]	FIRE ALARM CONTROL PANEL
[Symbol]	FIRE ALARM REMOTE ANNUNCIATOR. PROVIDE BOX AS REQUIRED PER MANUFACTURER RECOMMENDATION. PROVIDE 1" CONDUIT FOR CABLING.
[Symbol]	FIRE ALARM MANUAL STATION. PROVIDE PROTECTION DEVICE, CLEAR PLASTIC W/LOCAL SOUNDER.
[Symbol]	CEILING MOUNTED SMOKE DETECTOR. FA VENDOR PROVIDED.
[Symbol]	CEILING MOUNTED MULTI-CRITERIA SMOKE/ HEAT DETECTOR. FA VENDOR PROVIDED.
[Symbol]	CEILING MOUNTED HEAT DETECTOR.
[Symbol]	DUCT MOUNTED SMOKE DETECTOR. FURNISHED AND CONNECTED BY ELECTRICAL CONTRACTOR, INSTALLED BY MECHANICAL CONTRACTOR. CUTTING OF DUCT, INSTALLATION OF DETECTOR, AND DETERMINATION OF SAMPLING TUBE LENGTH SHALL BE THE MECHANICAL CONTRACTOR. PROVIDE REMOTE INDICATING LIGHT WITH EACH DETECTOR.
[Symbol]	CEILING MOUNTED CARBON MONOXIDE DETECTOR.
[Symbol]	SPRINKLER SYSTEM FLOW SWITCH.
[Symbol]	SPRINKLER SYSTEM TAMPER SWITCH.
[Symbol]	COOKING HOOD SUPPRESSION SYSTEM CONNECTION.
[Symbol]	FIRE (SMOKE) DAMPER. FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR, CONNECTED TO FIRE ALARM SYSTEM BY ELECTRICAL CONTRACTOR.
[Symbol]	MAGNETIC DOOR HOLDER. PROVIDED BY ELECTRICAL CONTR. INSTALLED BY ELEC. CONTR. PROVIDE A SMOKE DETECTOR WITHIN 5 FT. OF BOTH SIDES OF DOORS TO LOCALLY ACTIVATE DOOR UPON SMOKE SIGNAL.
[Symbol]	ADA COMPLIANT WALL MOUNT FIRE ALARM SPEAKER WITH STROBE LIGHT, 15CD UNLESS OTHERWISE NOTED. WHITE FINISH.
[Symbol]	ADA COMPLIANT WALL MOUNT FIRE ALARM STROBE LIGHT, 15CD UNLESS OTHERWISE NOTED. WHITE FINISH.
[Symbol]	ADA COMPLIANT CEILING MOUNTED FIRE ALARM STROBE LIGHT, 15cd, UNLESS OTHERWISE NOTED. WHITE FINISH.
[Symbol]	DUCT DETECTOR REMOTE INDICATING LIGHT.
[Symbol]	ADA COMPLIANT CEILING MOUNTED FIRE ALARM SPEAKER STROBE LIGHT, 15cd, UNLESS OTHERWISE NOTED. WHITE FINISH.
[Symbol]	ADA COMPLIANT WALL MOUNTED FIRE ALARM SPEAKER STROBE LIGHT, 15cd, UNLESS OTHERWISE NOTED. WHITE FINISH.
[Symbol]	FIRE BELL SPRINKLER SYSTEM NOTIFICATION.

SECURITY ELECTRICAL	
SYMBOL	DESCRIPTION
[Symbol]	CEILING MOUNTED SECURITY CAMERA LOCATION. CAMERA PROVIDED AND INSTALLED BY OTHERS. PROVIDE JUNCTION BOX AND CONDUIT AS REQUIRED BY SECURITY CONTRACTOR.
[Symbol]	SECURITY KEYPAD LOCATION. INSTALL ONE SINGLE GANG JUNCTION BOX WITH ONE 1" C. TO ABOVE ACCESSIBLE CEILING. BUSH END OF CONDUIT
[Symbol]	SECURITY MOTION DETECTORS. CEILING MOUNTED. REFER TO SPECIFICATIONS AND DETAILS FOR DEVICES AND CABLING REQUIREMENTS. REFER TO ELECTRICAL DRAWINGS FOR JUNCTION BOX AND CONDUIT REQUIREMENTS.
[Symbol]	CARD READER, MINIMUM 1/2" CONDUIT. PROVIDE SINGLE GANG JUNCTION BOX AND PULL STRING. SEE CARD READER DETAIL FOR ADDITIONAL REQUIREMENTS OF PATHWAYS, DEVICES AND CABLING BY SECURITY CONTRACTOR.
[Symbol]	DOOR CONTACT, MINIMUM 1/2" CONDUIT. PROVIDE SINGLE GANG JUNCTION BOX AND PULL STRING. DEVICES AND CABLING BY SECURITY CONTRACTOR.

COORDINATION OF TECHNOLOGY SYSTEMS	
27 51 23	INTERCOMMUNICATIONS AND PROGRAM SYSTEMS - COMPLETE SYSTEM BY EC
27 51 24	TWO WAY COMMUNICATION SYSTEM (AT ELEVATOR) - COMPLETE SYSTEM BY EC
28 16 00	INTRUSION DETECTION - COMPLETE SYSTEM BY EC
28 31 11	DIGITAL ADDRESSABLE FIRE ALARM - COMPLETE SYSTEM BY EC
ACCESS CONTROLS - BOXES/PATHWAYS/PULL STRINGS BY EC - OWNER PROVIDES CABLE & EQUIPMENT	
1. DOOR HARDWARE SCHEDULE INDICATES WHAT EQUIPMENT WILL BE PROVIDED BY OWNER	
2. CONTRACTOR WILL BE REQUIRED TO COORDINATE INSTALLATION OF EQUIPMENT AND WIRING BY OWNER'S ACCESS CONTROL VENDOR WITH THE GENERAL CONTRACTOR'S ELECTRICAL CONTRACTOR, HM/WOOD DOOR HARDWARE PROVIDERS / INSTALLER, AS WELL AS ALUMINUM STORE FRONT PROVIDER / INSTALLER.	
IT / DATA DEVICES - BOXES/PATHWAYS/PULL STRINGS BY EC - OWNER PROVIDES CABLE & EQUIPMENT	
EC TO PROVIDE CABLE TRAY WHERE INDICATED. TRANSITIONS (VERTICAL / HORIZONTAL) WILL NEED TO BE PROVIDED AS TO MEET DATA CABLING INDUSTRY STANDARD REQUIREMENTS.	
CAMERA DEVICES - BOXES/PATHWAYS/PULL STRINGS BY EC - OWNER PROVIDES CABLE & EQUIPMENT	
27 53 19	EMERGENCY RESPONDER RADIO ANTENNA-REPEATER SYSTEM - COMPLETE SYSTEM BY PROVIDED BY OWNER. ALL SPECIFICATIONS, SYMBOLS, AND DETAILS REFERENCING THIS SYSTEM ARE FOR THE OWNER REFERENCE ONLY. THIS SYSTEM IS NOT A PART OF THE ELECTRICAL CONTRACT.