

**SYMBOL SCHEDULE**

DEVICES AND PATHWAYS	
	WIRING SYSTEM CONCEALED IN WALL OR CEILING. WHEN SHOWN, CROSS LINES INDICATE NUMBER OF WIRES. (GROUND WIRES ARE NOT SHOWN)
	WIRING SYSTEM CONCEALED IN OR UNDER SLAB OR UNDERGROUND.
	WIRING SYSTEM EXPOSED
	CONDUIT TURNED UP TO FLOOR ABOVE.
	CONDUIT TURNED DOWN TO FLOOR BELOW.
	BRANCH CIRCUIT HOMERUN TO PANEL.
	JUNCTION BOX WITH CONNECTION TO EQUIPMENT SERVED. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
	DUPLEX RECEPTACLE, 20 AMP, 120 VOLT (USE 20 AMP FOR SINGLE RECEPTACLE ON A CIRCUIT.)
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER BACKSPLASH, OR AT HEIGHT NOTED.
	QUAD RECEPTACLE. TWO NEMA 5-20R DUPLEX RECEPTABLES.
	QUAD RECEPTACLE MOUNTED ABOVE COUNTER BACKSPLASH, OR AT HEIGHT NOTED.
	GROUND FAULT RECEPTACLE. NEMA 5-20R DUPLEX. ALL RECEPTABLES INSTALLED OUTSIDE, WITHIN 6' OF A SINK OR IN A KITCHEN SHALL BE GFCI.
	SWITCHED RECEPTACLE. SEE PLANS FOR LOCATIONS. ONE OUTLET SWITCHED WITH ONE OUTLET UNSWITCHED.
	WEATHERPROOF RECEPTACLE. NEMA 5-20R GFI DUPLEX. COVER SHALL BE INTERMATIC #MP1020 (CLEAR) OR EQUAL.
	REFRIGERATOR RECEPTACLE. NEMA 5-20R DUPLEX +48" AFF.
	DISPOSAL RECEPTACLE. NEMA 5-20R DUPLEX.
	NEMA 5-20R DUPLEX RECEPTACLE WITH USB PORTS.
	ISOLATED GROUND RECEPTACLE. NEMA 5-15R DUPLEX.
	SPECIAL OUTLET. SEE PLANS.
	FLUSH-MOUNTED FLOOR RECEPTACLE.
	RECESSED FLOORBOX. PROVIDE DUPLEX RECEPTACLE AND DATA MOUNTING BRACKET AS REQUIRED BY OWNER. ROUTE ONE 1-1/4" TO ABOVE ACCESSIBLE CEILING. BUSH END OF CONDUIT.

PANELS, DISCONNECTS	
	FRACTIONAL HORSEPOWER MANUAL MOTOR STARTER, WITH OVERLOAD PROTECTION
	NON-FUSED HEAVY DUTY DISCONNECT SWITCH. NUMERALS INDICATE SWITCH RATING. NEMA 1 ENCLOSURE, UNLESS OTHERWISE NOTED.
	FUSED HEAVY DUTY DISCONNECT SWITCH. NUMERALS INDICATE SWITCH RATING/FUSE SIZE. NEMA 1 ENCLOSURE, UNLESS OTHERWISE NOTED.
	CIRCUIT BREAKER. NUMERALS INDICATE RATING. NEMA 1 ENCLOSURE, UNLESS OTHERWISE NOTED.
	PLYWOOD TELEPHONE BACKBOARD. SIZE AS INDICATED ON RISER.
	PANELBOARD. SEE SCHEDULE FOR MOUNTING. TOP OF PANEL AT 6'-6" AFF.
	CONNECTION TO MOTOR. STARTER PROVIDED BY OTHERS UNLESS OTHERWISE NOTED.

FIRE ALARM	
	FIRE ALARM MANUAL STATION. PROVIDE PROTECTION DEVICE
	ADA COMPLIANT FIRE ALARM HORN WITH STROBE LIGHT, 177cd, UNLESS OTHERWISE NOTED. WHITE FINISH.
	ADA COMPLIANT DWELLING UNIT FIRE ALARM MIN HORN STROBE WHITE FINISH.
	ADA COMPLIANT FIRE ALARM STROBE LIGHT, 177cd, UNLESS OTHERWISE NOTED. WHITE FINISH.
	FIRE ALARM CONTROL PANEL WITH LOCAL SMOKE DETECTOR. COORDINATE TELECOM REQUIREMENTS WITH PROVIDER.
	SPRINKLER SYSTEM FLOW SWITCH
	SPRINKLER SYSTEM TAMPER SWITCH
	FIRE ALARM REMOTE GRAPHIC ANNUNCIATOR
	TEMPERATURE SUPERVISORY SWITCH
	CARBON MONOXIDE DETECTION WITH BATTERY BACK-UP. CONNECT TO THE NEAREST 120V CIRCUIT AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS. *ADA - ACCESSIBLE UNITS SHALL HAVE INTEGRAL STROBE.
	120V SINGLE STATION MULTI-MODE SMOKE DETECTOR WITH BATTERY BACK-UP AND AUXILIARY OUTPUT CONTACTS. CONNECT TO NEAREST 120V CIRCUIT AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE WITH M.C. TO INTERLOCK WITH UNIT HANDLER AS REQUIRED FOR UNIT SHUT DOWN UPON SMOKE DETECTOR ACTIVATION.
	CEILING MOUNTED SMOKE DETECTOR.
	UNIT 120V SINGLE STATION MULTI-MODE SMOKE DETECTOR WITH BATTERY BACK-UP. CONNECT TO NEAREST 120V CIRCUIT. ALL DETECTORS WITHIN A UNIT MUST BE INTERLOCKED SUCH THAT THEY ALARM AT ONE TIME.
	UNIT 120V SINGLE STATION MULTI-MODE SMOKE DETECTOR/CARBON MONOXIDE COMBO WITH BATTERY BACK-UP. CONNECT TO NEAREST 120V CIRCUIT. ALL DETECTORS WITHIN A UNIT MUST BE INTERLOCKED SUCH THAT THEY ALARM AT ONE TIME.
	DUCT MOUNTED SMOKE DETECTOR. FURNISHED AND CONNECTED BY ELECTRICAL CONTRACTOR. INSTALLED BY MECHANICAL CONTRACTOR. TESTING OF DUCT, INSTALLATION OF DETECTOR, AND DETERMINATION OF SAMPLING TUBE LENGTH SHALL BE THE MECHANICAL CONTRACTOR. PROVIDE REMOTE INDICATING LIGHT WITH EACH DETECTOR.
	CEILING MOUNTED HEAT DETECTOR.
	MAGNETIC DOOR HOLDER, PROVIDED BY GENERAL CONTR, INSTALLED BY ELEC. CONTRACTOR, CONNECTED TO FIRE ALARM SYSTEM BY ELECTRICAL CONTRACTOR.
	AREA OF RESCUE MASTER STATION. LOCATE AS DIRECTED BY THE AHL.
	AREA OF RESCUE CALL STATION. LOCATE AT EACH "AREA OF RESCUE" AS INDICATED ON THE ARCHITECTURAL PLANS. MOUNT SIGN ON WALL ABOVE.

LIGHTING (SEE FIXTURE SCH.)	
	FLUORESCENT OR LED LIGHTING FIXTURE. SEE FIXTURE SCHEDULE. SUSPEND FOUR CORNERS WITH WIRE TO STRUCTURE. DO NOT ALLOW GRID ALONE TO SUPPORT FIXTURE.
	FLUORESCENT OR LED STRIP FIXTURE.
	FLOOR, LED OR H.I.D. LIGHTING FIXTURE.
	WALL MOUNTED INCANDESCENT, FLOOR, LED OR H.I.D. LIGHTING FIXTURE.
	CEILING FAN TO BE SELECTED BY OWNER, ALLOW \$300 EACH, 60WATT MAXIMUM LAMP.
	LIGHTING FIXTURE WITH EMERGENCY BATTERY PACK. 1100 LUMEN INVERTER. SEE LIGHTING FIXTURE SCHEDULE.
	EXIT LIGHT WITH ARROWS AND NUMBERS OF FACES AS INDICATED ON PLANS. 90 MIN BATTERY BACKUP. SEE LIGHTING FIXTURE SCHEDULE
	EMERGENCY BATTERY PACK FIXTURE. 90 MINUTE EMERGENCY INTEGRAL BATTERY. SEE LIGHTING FIXTURE SCHEDULE
	EMERGENCY BATTERY PACK/EXIT COMBO FIXTURE WITH 90 MINUTE BATTERY BACKUP, SEE FIXTURE SCHEDULE.
	EXTERIOR EMERGENCY BATTERY PACK FIXTURE.
	SINGLE POLE SWITCH, 20 AMP, 120/277 VOLT, COOPER 1221, OR EQUAL.
	DOUBLE POLE SWITCH, 20 AMP, 120/277 VOLT, COOPER 1222, OR EQUAL.
	THREE WAY SWITCH, 20 AMP, 120/277 VOLT, COOPER 1223, OR EQUAL.
	FOUR WAY SWITCH, 20 AMP, 120/277 VOLT, COOPER 1224, OR EQUAL.
	PILOT LIGHT SWITCH
	DIMMER SWITCH. LUTRON NT-SERIES, UNLESS OTHERWISE NOTED. VERIFY LOAD ON CIRCUIT AND MATCH DIMMER SIZE TO LOAD. PROVIDE DOUBLE GANG J-BOX FOR 2000W DIMMERS.
	WALL MOUNTED OCCUPANCY SENSOR AND SWITCH. INFRARED TECHNOLOGY, WATT STOPPER #WS-250 OR EQUAL.
	INDICATES TWO LEVEL SWITCHING. SWITCH OUTER TWO LAMPS OF FIXTURES TOGETHER AND THE INNER LAMP(S) TOGETHER.
	CEILING MOUNTED OCCUPANCY SENSOR, DUAL TECHNOLOGY. WATT STOPPER #DT-300 OR EQUAL.
	CEILING MOUNTED OCCUPANCY SENSOR POWER PACK. WATT STOPPER #EZ-100 OR EQUAL.
	DOOR MOTOR CONTROL. COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS. CONTROLS SHALL BE UP, DOWN, AND STOP MOUNTED ON 4" SQUARE BOX (FLUSH BOX).

SPECIAL SYSTEMS	
	SEE TV DETAIL FOR TYPE AND REQUIREMENTS. RUN RGS IN 3/4" EMT TO TELEPHONE BOARD OR AS INDICATED ON PLANS. VERIFY MOUNTING HEIGHT OF TV OUTLET AND ADJACENT RECEPTACLE PRIOR TO ROUGH-IN.
	PROVIDE TELECOM BOX AND DUPLEX RECEPTACLE HIGH ON WALL. COORDINATE EXACT LOCATION AND HEIGHT. PROVIDE 2" EC WITH PULL STRING BACK TO BUILDING TELECOM ROOM.

TELECOMMUNICATIONS	
	TELEPHONE OUTLET. 3/4" EC TO LOCAL ACCESSIBLE CEILING WITH PULL STRING. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
	DATA OUTLET. 3/4" EC TO LOCAL ACCESSIBLE CEILING WITH PULL STRING. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
	TELE/ DATA OUTLET. 3/4" EC TO LOCAL ACCESSIBLE CEILING WITH PULL STRING. 4" SQUARE BOX WITH A SINGLE-GANG OPENING AND PLASTER RING.
	TELE/ DATA OUTLET MOUNTED ABOVE COUNTER BACKSPLASH, OR AT HEIGHT NOTED.

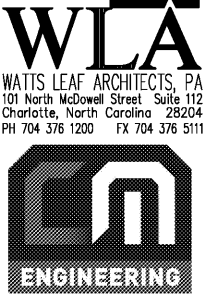
ABBREVIATIONS	
+42"	DIMENSION INDICATES HEIGHT ABOVE FINISHED FLOOR AT WHICH CENTER OF DEVICE IS TO BE MOUNTED. SEE PLANS.
3R	NEMA 3R
AFF	ABOVE FINISH FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AHJ	AIR HANDLER UNIT
AHJ	CONDUIT WITH PULL CORD
CB	CIRCUIT BREAKER
EC	EMPTY CONDUIT WITH PULL CORD
E.C.	ELECTRICAL CONTRACTOR
E.C.	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
FACP	FIRE ALARM CONTROL PANEL
FPN	FUSE PER NAMEPLATE
LC	LIGHTING CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
U.G.	UNDERGROUND
WP	WEATHERPROOF
S.E.	SERVICE ENTRANCE
EM	EMERGENCY FIXTURE WITH BATTERY OR GEN. BACK-UP
Isc	RMS SYMMETRICAL SHORT CIRCUIT CURRENT
AIC	AMPERE INTERRUPTING CAPACITY (EQUIPMENT RATING)

NOTE: ALL SYMBOLS MAY NOT BE USED OR SHOWN ON THE DRAWING. PLEASE COORDINATE IF DRAWING SHOWS SYMBOLS THAT ARE NOT SHOWN ON SCHEDULE.

UNIT LIGHTING FIXTURE SCHEDULE										
MARK	MANUF.	CATALOG NUMBER	LAMP DATA		VOLTS	BALLAST DATA		INPUT WATTS	MOUNTING	DESCRIPTION
			NO.	TYPE		NO.	TYPE			
UB	OWNER SELECTED	-	-	-	120	-	-	100	PENDANT	OWNER SELECTED 3-HEAD PENDANT FIXTURE. PROVIDE ALLOWANCE OF \$150 PER FIXTURE.
UC	OWNER SELECTED	-	-	-	120	-	-	17	SURFACE	OWNER SELECTED SURFACE MOUNT LED PUCK FIXTURE. PROVIDE ALLOWANCE OF \$50 PER FIXTURE.
UD	OWNER SELECTED	-	4	LED	120	-	-	40	TRACK	OWNER SELECTED 4-HEAD TRACK LIGHT, DIMMABLE. PROVIDE ALLOWANCE OF \$150 PER FIXTURE.
UF	OWNER SELECTED	-	-	LED	120	-	-	50	CEILING	OWNER SELECTED CEILING FAN/LIGHT COMBO. PROVIDE ALLOWANCE OF \$250 PER FIXTURE.
UK	OWNER SELECTED	-	-	LED	120	-	-	17	SURFACE	OWNER SELECTED SURFACE MOUNT KITCHEN LED LIGHT. PROVIDE ALLOWANCE OF \$50 PER FIXTURE.
UL	OWNER SELECTED	-	-	LED	120	-	-	17	SURFACE	OWNER SELECTED OUTDOOR CLOSET LIGHT. PROVIDE ALLOWANCE OF \$50 PER FIXTURE.
UP	OWNER SELECTED	-	-	LED	120	-	-	26	WALL	OWNER SELECTED OUTDOOR PORCH LIGHT, WET LOCATION LISTED. PROVIDE ALLOWANCE OF \$150 PER FIXTURE.
US	OWNER SELECTED	-	-	LED	120	-	-	17	SURFACE	OWNER SELECTED SURFACE MOUNT LED LIGHT, WET LOCATION LISTED. PROVIDE ALLOWANCE OF \$50 PER FIXTURE.
UV	OWNER SELECTED	-	-	LED	120	-	-	100	WALL	OWNER SELECTED BATHROOM VANITY FIXTURE. PROVIDE ALLOWANCE OF \$200 PER FIXTURE.

BUILDING LIGHTING FIXTURE SCHEDULE										
MARK	MANUF.	CATALOG NUMBER	LAMP DATA		VOLTS	BALLAST DATA		INPUT WATTS	MOUNTING	DESCRIPTION
			NO.	TYPE		NO.	TYPE			
A	NUVO	S9337	LED	LED	120	-	-	19	SURFACE	CORRIDOR SURFACE MOUNT LIGHT.
B	OWNER SELECTED	-	LED	LED	120	-	-	15	WALL	OWNER SELECTED CORRIDOR EXIT ENTRY LED WALL SCONCE. PROVIDE ALLOWANCE OF \$100 PER FIXTURE.
CF	OWNER SELECTED	-	LED	LED	120	-	-	50	CEILING	OWNER SELECTED 52" CEILING FAN. PROVIDE ALLOWANCE OF \$250 PER FIXTURE.
G	KENALL LIGHTING	SPG18-XX-WW-ES-D-TP-4SL-40KB-0CC-DV-XX-LEL	LED	LED	120	-	-	-	PENDANT	GARAGE LIGHT FIXTURE WITH BATTERY BACK-UP OPERATION. PROVIDE PENDANT ACCESSORIES AS NEEDED TO MOUNT AT HEIGHT SHOWN.
G1	LITHONIA LIGHTING	W061 LED P1 35K 80CRI VW	LED	LED	120	-	-	10	WALL	GARAGE DOOR WALL MOUNT FIXTURE. MOUNT OVER DOOR.
P1	LITHONIA LIGHTING	DSX2 LED P2 40K T4M MVOLT	LED	LED	120	-	-	185	POLE	POLE MOUNT PARKING LIGHT AT TOP FLOOR OF GARAGE.
S1	LITHONIA	C 2 32 MVOLT	LED	LED	120	-	-	64	SURFACE	4 FT. FLUORESCENT STRIP LIGHT. PROVIDE WIRE GUARD.
S2	COOPER LIGHTING	S22 DW S 2 L35 SR4 120 DD 1 ST EM R82 W	LED	LED	120	1	-	9.5	WALL	WALL MOUNT LIGHT, WITH EMERGENCY BATTERY BACK UP FOR 90 MINUTES. COORDINATE MOUNTING AND LOCATION.
W	LITHONIA	W71LEDXLL	LED	LED	120	1	-	14	WALL	BUILDING EXTERIOR LED WALL SCONCE. WET LOCATION LISTED.
	LITHONIA	ELMZE	LED	LED	120/277	-	-	2	UNIVERSAL	EMERGENCY LIGHT WITH 90-MINUTE BATTERY BACKUP OPERATION. USE ACCESSORY WPVS IN DAMP/WET LOCATIONS. COORDINATE MOUNTING HEIGHT WITH MANUFACTURER SPECS.
	BEST LIGHTING	CTXEU	LED	LED	120/277	-	-	10.8	UNIVERSAL	EMERGENCY LIGHT/ EXIT SIGN COMBO. MOUNT AT 90" AFF TO BOTTOM. PROVIDE WITH 90 MINUTE BATTERY BACKUP.
	LITHONIA	AFN DB EXT	LED	LED	120/277	-	-	12	WALL	SURFACE MOUNTED EXTERIOR EMERGENCY LIGHT. MOUNT AT 96" AFF. CONNECT TO LN SWITCHED LEG OF NEAREST EXTERIOR LIGHTING CIRCUIT.
	LITHONIA	LRP 1 RMR 120/277 EL N	LED	LED	120/277	-	-	12	WALL	CLEAR EDGE-LIT EXIT SIGN, NICKEL CADMIUM BATTERY EXIT SIGN. SEE PLANS FOR FACE STYLE AND QTY 90 MINUTE OPERATION. RED TEST SWITCH PROVIDED. UL LISTED FOR DAMP LOCATIONS.

\*\*PRIOR TO PERMIT, SUBMITTALS FOR EQUAL MANUFACTURERS WILL BE CONSIDERED. PROVIDED SUBMITTAL DATA TO INCLUDED COMPLETE PHOTOMETRIC DATA AS WELL AS DATA ON MATERIAL, FINISHES, SUPPORTS, REFLECTORS, LENSES, ETC. AFTER PERMIT IS ISSUED, SUBSTITUTIONS ARE NOT ACCEPTABLE. REVIEW OF ANY SUBSTITUTIONS WILL BE BILLABLE AT AN HOURLY RATE.\*\*



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PROJECT 1915  
DATE 010C119  
DRAWN BY CME  
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ELECTRICAL LEGEND  
AND LIGHTING  
FIXTURE  
SCHEDULES

**E1.02**