

















ELECTRICAL SYMBOL LEGEND		SYMBOL DESCRIPTION		MTG. HT. (INCHES)	
SYMBOL		DESCRIPTION		MTG. HT.	
(NOTE L-9)				48"	
\$	SINGLE POLE SINGLE THROW TOGGLE SWITCH				48"
\$\$\$	TWO SINGLE POLE SINGLE THROW SWITCHES AND BALLAST				48"
	INNER LAMPS ON OTHER SWITCH, REFER TO NOTE L-8.				
3.1	THREE-WAY TOGGLE SWITCH				48"
3.2	FOUR-WAY TOGGLE SWITCH				48"
3.3	S.P.S.I. TOGGLE SWITCH WITH PILOT LAMP				48"
3.4	S.P.S.I. KEY TYPE TOGGLE SWITCH				48"
3.5	3-WAY DIMMER SWITCH, 600 WATTS OR WATTAGE AS INDICATED				48"
3.6	3-WAY DIMMER SWITCH, 600 WATTS OR WATTAGE AS INDICATED				48"
3.7	PUSH BUTTON SWITCH DEVICE				48"
3.8	DUPLEX RECEPTACLE OUTLET				18"
3.9	SINGLE RECEPTACLE OUTLET				18"
3.10	DOUBLE DUPLEX RECEPTACLE OUTLET / BOTTOM 2 SWITCHED				18"
3.11	DUPLEX RECEPTACLE OUTLET, ABOVE COUNTER (HORIZONTAL)				18"
3.12	G.F.C.I. DUPLEX RECEPTACLE OUTLET, WALL MOUNTED / ABOVE COUNTER				18"
3.13	ISOLATED GROUND DUPLEX RECEPTACLE OUTLET				18"
3.14	SPLIT WIRED DUPLEX RECEPTACLE OUTLET				18"
3.15	DUPLEX RECEPTACLE OUTLET, REFER TO SCHEDULE OF MATERIALS FOR DETAILS				18"
3.16	WEATHERPROOF DUPLEX RECEPTACLE OUTLET				18"
3.17	DUPLEX RECEPTACLE WITH SURGE SUPPRESSION OUTLET				18"
3.18	FLOOR OUTLET WITH DUPLEX RECEPTACLE				18"
3.19	CEILING RECEPTACLE OUTLET				18"
3.20	CELLING MOUNTED OCCUPANCY SENSOR				18"
3.21	THERMOSTAT (FURNISHED BY DIVISION 15)				18"
3.22	WATT-HOUR METER				18"
3.23	ARMORHED INDICATES HOME RUN, X-1, 3, AND 5 ADJACENT TO HOME RUN. ARMORHEDS INDICATES HOME RUN TO PANEL X, OF PANEL X. NUMBER CONTINUATION OF CIRCUITS 3 AND 5				18"
3.24	CIRCUIT NUMBER 1, 3, AND 5				18"
3.25	MARKS ACROSS RACEWAY SYMBOLS INDICATES THE NUMBER OF INDICATE TWO NO. 12 CONDUCTORS, UNLESS OTHERWISE NOTED. NO MARKS REFER TO NOTE L-1 AND L-6.				18"
3.26	RACEWAY INSTALLED CONCEALED IN WALL AND/OR ABOVE CEILING				18"
3.27	RACEWAY INSTALLED CONCEALED IN SLAB OR BELOW GRADE				18"
3.28	RACEWAY INSTALLED EXPOSED				18"
3.29	FLEXIBLE RACEWAY (6'-0" MAX LENGTH)				18"
3.30	CONDUIT UP / CONDUIT DOWN				18"
3.31	CONDUIT STUD-UP ABOVE FINISHED FLOOR				18"
3.32	CONDUIT TERMINATION (STUD-UP)				18"
3.33	MULTI-OUTLET RACEWAY ASSEMBLY				18"
3.34	CABLE TRAY				18"
3.35	JUNCTION BOX AND UNDER FLOOR RACEWAY				18"
3.36	JUNCTION BOX, CEILING / WALL / FLOOR MOUNTED				18"
3.37	BUS DUCT				18"
3.38	VERTICAL RISER SUPPORT				18"
3.39	OUTLET, FLUORESCENT LIGHT FIXTURE, OVERHEAD / WALL MOUNTED				18"
3.40	OUTLET AND INCANDESCENT, H.L.D., OR COMPACT FLUORESCENT LIGHT FIXTURE, OVERHEAD / WALL MOUNTED				18"
3.41	OUTLET AND DIRECTIONAL OR WALL WASH LIGHT FIXTURE				18"
3.42	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.43	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.44	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.45	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.46	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.47	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.48	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.49	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.50	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.51	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.52	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.53	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.54	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.55	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"
3.56	OUTLET AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED, PROVIDE ARMORS AND GATE, 2x WALL M, 3x CEILING WITH 1/2" MIN. S.D.				18"

ELECTRICAL SYMBOL LEGEND		DESCRIPTION	SYMBOL
48"	FIRE ALARM STATION (MANUAL, NUMERALS DENOTE CODE).	48"	48"
7'-6"	FIRE ALARM AUDIBLE VISUAL DEVICE DENOTES GONG, B/DIA, UNLESS NOTED	7'-6"	7'-6"
	SMOKE DETECTOR, CEILING MOUNTED.		
	SMOKE DETECTOR DUCT TYPE.		
	WATER FLOW SWITCH		
	VALVE SUPERVISORY SWITCH		
	ELECTRO-MAGNETIC TYPE DOOR HOLDER OUTLET.		
	FIRE ALARM CONTROL PANEL.		
	ANNUNCIATOR PANEL, SUBSCRIPT "R" DENOTES REMOTE ANNUNCIATOR.		
	POST INDICATOR VALVE.		
	FIRE ALARM TRANSMITTER (BASE LOOP NUMERALS DENOTE CODE).		
	FIRE ALARM TROUBLE TRANSMITTER (BASE LOOP NUMERALS DENOTE CODE).		
	FIRE ALARM TERMINAL CABINET		
	SMOKE DETECTOR, MOUNTED BELOW RAISED FLOOR.		
	DATA OUTLET, SEE NOTE L-7, WALL/FLOOR MOUNTED		
	FLOOR OUTLET, FOR TELEPHONE, SEE NOTE L-7		
	TELEPHONE TERMINATION BACKBOARD W/ "B" AND GROUNDING.		
	TELEPHONE OUTLET (RAY STATION).		
	SEE NOTE L-7		
	TELEPHONE OUTLET.		
	SEE NOTE L-7		
	TELEPHONE OUTLET (JACK TYPE).		
	SEE NOTE L-7		
	SPECIAL DEVICE AS NOTED - FLOOR MOUNTED		
	EXTENDING SITE LIGHTING (LUMINAIRE(S), POLE AND BASE, SINGLE / TWIN / QUAD)		
	POST, TOP LUMINAIRE, POLE AND BASE		
	BOLLARD LUMINAIRE, POLE AND BASE		
	LANDSCAPE UPLIGHT LUMINAIRE		
	PAD MOUNTED TRANSFORMER		
	ELECTRICAL MANHOLE		
	UTILITY MANHOLE		
	FLUSH IN GRADE PULL BOX		
	DUCT/BACK		

[illegible]

**COMPUTER ROOM EQUIPMENT SCHEDULE NOTES:**  
1. LENGTH OF CABLE SHALL BE 50'.

EQUIPMENT		FIXTURES
 / 	EXIT AND EXIT LIGHT FIXTURE, CEILING / WALL MOUNTED. POWER ARROWS INDICATED. 3A WALL MOUNT, 4A CEILING MOUNTED.	7-5A1FF 7-5A2FF
 / 	OUTLET AND EGRESS OR / EMERGENCY FLUORESCENT LIGHT FIXTURE, CEILING / WALL MOUNTED.	7-6A1FF 7-6A2FF
	6 VOLT EMERGENCY LIGHT WITH TWO(2) LAMPHOADS.	7-6A1FF 7-6A2FF
   	EQUIPMENT AS INDICATED DISTRIBUTION OR POWER PANEL BOARD SURFACE MOUNTED PANELBOARD, LIGHTING OR LIT/POWER DIRT TYPE TRANSFORMER. MOTOR, 4P INDICATES FRACTIONAL HORSEPOWER. MOTOR RATED SWITCH MOTOR RATED MANUAL STARTER SWITCH WITH OVERLOAD \$5 \$M	
	NON-REVERSIBLE DISCONNECT SWITCH, RATING / POLES / NEUMA ENCLOSURE	
	FUSIBLE DISCONNECT SWITCH, RATING / POLES / NEUMA ENCLOSURE / FUSE RATING	
	MAGNETIC MOTOR STARTER, NEUMA SIZE RATING / ENCLOSURE	
	COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT MEANS, REQUIRED MAGNETIC RATING / ENCLOSURE / FUSE RATING MEANS, NEUMA SIZE RATING/ENCLOSURE.	
	VARIABLE SPEED SOLID STATE STARTER AND DISCONNECT MEANS, NEUMA SIZE RATING/ENCLOSURE.	
	ELECTRIC BASEBOARD, DUCT MOUNTED, OR WALL TYPE HEATER UNIT HEATER	
	TERMINAL, UNIT GULF VAV, FAN COIL (UNIT) MASTER, CLIMAC AND PROGRAM SYSTEM	
		5-5CL

- L-5 GENERAL - NUMERAL BESIDE EQUIPMENT, DEVICES OR OUTLETS INDICATES CIRCUIT CONNECTION. NUMERAL BESIDE FIRE ALARM INITIATING DEVICES INDICATES ZONE DESIGNATION.
- L-6 ALL EMERGENCY BRANCH CIRCUIT CONDUCTIONS SHALL BE MINIMUM #10 AWG.
- L-7 FURNISH AND INSTALL 3/4" CONDUIT HOMERUNS TO NEAREST SYSTEM BACKBOARD OR CABLE TRAY, UNLESS OTHERWISE INDICATED OR SPECIFIED.
- L-8 DUAL SWITCH CONFIGURATIONS IN OPEN AREAS SHALL BE WIRED SIMILAR.

**GENERAL NOTES:**

- G-1 ALL EMERGENCY CIRCUITS, I.E., THOSE SERVING EMERGENCY/EGRESS LIGHTING OR ORIGINATING FROM "E" TYPE PANELS, SHALL BE MINIMUM #10 AWG CONDUCTIONS FOR THE ENTIRE CIRCUIT.
- G-2 WHEN CONDUCTOR OR CONDUIT SIZE IS INDICATED FOR BRANCH CIRCUIT HOWE RUN, THE CONDUCTOR AND CONDUIT SIZE INDICATED SHALL BE USED FOR THE COMPLETE CIRCUIT.
- G-3 EXTEND THREED EMPTY 1" CONDUITS FROM EACH FLUSH MOUNTED PANEL TO POSITION ABOVE ACCESSIBLE CEILING.
- G-4 ALL WATER COOLERS SHALL BE WALL MOUNTED WITH ELECTRICAL CONNECTIONS MADE FROM JUNCTION BOX FLUSH-MOUNTED IN WALL BEHIND COOLER HOUSING. LOCATE THE JUNCTION BOX FOR ACCESSIBILITY FROM WITHIN COOLER HOUSING.
- G-5 REFER TO THE APPROPRIATE DRAWINGS FOR THE EXACT LOCATION OF EQUIPMENT INSTALLED UNDER OTHER DIVISIONS OF THE DOCUMENTS, WHICH REQUIRE ELECTRICAL SERVICE.
- G-6 EQUIPMENT GROUNDING CONDUCTORS SHALL BE INSTALLED IN ALL RACEWAY EXCEPT THOSE CONTAINING ONLY LIGHTING CIRCUITS.
- G-7 CONNECTIONS TO HEAT TAPE SHALL BE BY DIRECT CONNECTIONS.

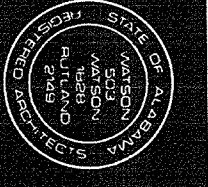
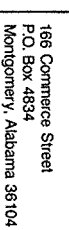
**GENERAL NOTES:**


- 6-1 ALL EMERGENCY CIRCUITS, I.E., THOSE SERVING EMERGENCY/EGRESS LIGHTING OR ILLUMINATING FROM "E" TYPE PANELS, SHALL BE MINIMUM #10 AWG CONDUCTORS FOR THE ENTIRE CIRCUIT.
- 6-2 WHEN CONDUCTOR OR CONDUIT SIZE IS INDICATED FOR BRANCH CIRCUIT HOSE RUN, THE CONDUCTOR AND CONDUIT SIZE INDICATED SHALL BE USED FOR THE COMPLETE CIRCUIT.
- 6-3 EXTEND (THREE) EMPTY "N" CONDUITS FROM EACH FLUSH MOUNTED PANEL TO POSITION ABOVE ACCESSIBLE CEILING.
- 6-4 ALL WATER COOLERS SHALL BE WALL MOUNTED WITH ELECTRICAL CONNECTIONS MADE FROM JUNCTION BOX FLUSH-MOUNTED IN WALL BEHIND COOLER HOUSING. LOCATE THE JUNCTION BOX FOR ACCESSIBILITY FROM WITHIN COOLER HOUSING.
- 6-5 REFER TO THE APPROPRIATE DRAWINGS FOR THE EXACT LOCATION OF EQUIPMENT INSTALLED UNDER OTHER DIVISIONS OF THE DOCUMENTS, WHICH REQUIRE ELECTRICAL SERVICE.
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- 6-7 CONNECTIONS TO HEAT TAPE SHALL BE BY DIRECT CONNECTIONS.

## Fully Sprinklered

# 2WFF

Watson Watson Rutland / Architects Inc



Drawing Title Relocate Regional Office to Department Owned Grounds	Project Title Relocate Regional Office to Department Owned Grounds	Approved Area Project Manager 	Symbol Legend, Abbreviations and Notes
Location 42	Building Number 42	Checked [ ]	Drawn [ ]

Date	27 JANUARY 92
Project No.	322-002
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