

DRAWINGS/SPECIFICATIONS BY:

- WALGREENS'
 - LANDLORD'S CONSULTANT
- ALL CONSTRUCTION WORK, UNLESS NOTED OTHERWISE, BY:
- WALGREENS' CONTRACTOR
 - LANDLORD'S CONTRACTOR (TURNKEY CONSTRUCTION)

STORE		BUILDING	
NEW	<input checked="" type="checkbox"/>	NEW	<input checked="" type="checkbox"/>
REMODELING	<input type="checkbox"/>	EXISTING	<input type="checkbox"/>
RELOCATION	<input type="checkbox"/>	NEW SHELL ONLY	<input type="checkbox"/>
OTHERS	<input type="checkbox"/>		

CONTROL SCHEDULE - NON 24 HOUR STORE (SEE NOTE 10)						
GROUP	PANEL	CIRCUIT	DESCRIPTION	DAY	EVENTS	FUNCTION
1	"LP-1"	21,24,25	GENERAL SALES - MAINTENANCE LIGHTS AND HOT WATER RECIRCULATING PUMP	MON-SUN	BURGLAR ALARM DISARMED	ON
		2,6	TOILET, EMPLOYEE RM., PASSAGE #3, EXHAUST FAN EF-2, ELECTRICAL RM., OFFICE, TRAINING/MULTI-PURPOSE RM., PORTER CLOSET		BURGLAR ALARM ARMED	OFF
		4	STOCKROOM, PASSAGE #2, TOWER (REAR)			
		17,9	PHOTO LIGHTING, TOILET EXHAUST FAN EF-1 (G.E.)	BURGLAR ALARM TRIGGERED	ON	
2	"LP-1"	11,12,19,23,29	GENERAL SALES - NORMAL LIGHTING	MON-SAT	7:55 AM	ON
		14,26,28,30,32			10:10 PM	OFF
		20	"H" FIXTURE LIGHTING (WEST WALL)	SUN	8:55 AM	ON
		31	ATM / HALLMARK / PHOTO SIGNS		9:10 PM	OFF
		33	MORTAR AND PESTLE SIGN			
		16				
		18, 34, 36	"H" FIXTURE BEAUTY (SOUTH WALL) LIGHTS & RECEPTACLES			
15	"H" FIXTURE LIGHTING (NORTH AND EAST WALLS)	BURGLAR ALARM ARMED	OFF			
3	"LP-1"	13,22,27	GENERAL SALES - EVENING LIGHTS	MON-SAT	7:55 AM	ON
					10:30 PM	OFF
				SUN	8:55 AM	ON
					9:30 PM	OFF
4	"LP-1"	CIRCUIT BREAKER 40 (G.E.)	WALL HEATERS INTERLOCK	WALL HEATERS CIRCUITS SHALL BE DE-ENERGIZED IF ANY OF THE FOLLOWING CONDITIONS ARE MET: 1. BURGLAR ALARM ARMED AND OUTSIDE TEMPERATURE IS ABOVE 29° F 2. OUTSIDE TEMPERATURE IS ABOVE 50° F		
		GE 510 IN PANEL "LP-2" (SIEMENS)				
		RELAY R1 & CIRCUIT BREAKER 8 (G.E.)				
		GE 510 IN OFFICE (SIEMENS)				
4A	"LP-SP"	RELAY R1 (SQ. D')	ENTRANCE HEATER INTERLOCK	ENTRANCE HEATER SHALL NOT FUNCTION (RELAY CONTACT IS OPEN) IF ANY OF THE FOLLOWING CONDITIONS ARE MET: 1. OUTSIDE TEMPERATURE IS ABOVE 50F, 2. BURGLAR ALARM SYSTEM IS ARMED (STORES WITHOUT VESTIBULE ONLY) 3. BURGLAR ALARM SYSTEM IS ARMED AND OUTSIDE TEMPERATURE IS ABOVE 32F (STORES WITH VESTIBULE ONLY).		
		GE 510 IN OFFICE (SIEMENS)				
5	"LP-1"	1,3	PHARMACY	MON-FRI	7:55 AM	ON
					10:30 PM	OFF
				SAT	7:55 AM	ON
					6:30 PM	OFF
				SUN	8:55 AM	ON
					5:30 PM	OFF
			BURGLAR ALARM ARMED	OFF		
			BURGLAR ALARM TRIGGERED	ON		
6	"LP-SP"	14	"Q" FIXTURES (DRIVE-THRU, RECEIVING AREAS, E-3 FIXTURES)	MON-SUN	OUTDOOR LIGHTING LESS THAN 20FC	ON
					OUTDOOR LIGHTING MORE THAN 20FC	OFF
					BURGLAR ALARM TRIGGERED	ON
7	"LP-SP"	1	PYLON SIGN PRIMARY PANEL	MON-SAT	8:00AM TILL 10:00PM AND OUTDOOR LIGHTING IS LESS THAN 100FC	ON
		2,10	SIGNS			
		19,21,23	AWNING/CANOPY			
		17	SPARE			
		16	FRONT TOWER "H" FIXTURES	SUN	9:00AM TILL 9:00PM AND OUTDOOR LIGHTING IS LESS THAN 100FC	ON
		12	SPARE			
4	EXTERIOR BOX SIGNS		BURGLAR ALARM ARMED	OFF		
			BURGLAR ALARM TRIGGERED	ON		

NOTE 8

SEE NOTE 3

SEE NOTE 12

CONTROL SCHEDULE - NON 24 HOUR STORE (CONTD.)						
GROUP	PANEL	CIRCUIT	DESCRIPTION	DAY	EVENTS	FUNCTION
8	"LP-SP"	30/32	PARKING LOT LIGHTS	MON-SUN	AFTER 7:30 AM AND OUTDOOR LIGHTING IS LESS THAN 20FC OR ASTRO	ON
			PATH TO EMPLOYEE PARKING SPACES		15MIN AFTER BURGLAR ALARM SYSTEM ARMED	OFF
				MON-SAT	BURGLAR ALARM TRIGGERED	ON
					8:00AM TILL 10:20PM AND OUTDOOR LIGHTING IS LESS THAN 20FC OR ASTRO	ON
9	"LP-SP"	18/20	PARKING LOT LIGHTS	MON-SAT		
		26/28	(BUSINESS HOURS)			
		22/24	SPARE			
				SUN	9:00AM TILL 9:20PM AND OUTDOOR LIGHTING IS LESS THAN 20FC OR ASTRO	ON
			15MIN AFTER BURGLAR ALARM SYSTEM ARMED	OFF		
			BURGLAR ALARM TRIGGERED	ON		
10	"LP-SP"	7	DRIVE-THRU CANOPY LIGHTING ("Q" FIXTURES)	MON-FRI	8:00AM TILL 10:00PM AND OUTDOOR LIGHTING IS LESS THAN 100FC	ON
					8:00AM TILL 6:00PM AND OUTDOOR LIGHTING IS LESS THAN 100FC	ON
				SAT	8:00AM TILL 5:00PM AND OUTDOOR LIGHTING IS LESS THAN 100FC	ON
				SUN	BURGLAR ALARM TRIGGERED	ON
			BURGLAR ALARM ARMED	OFF		
11	"LP-SP"	25,27,29,31,33,35	GONDOLA RECEPTACLES	MON-SAT	7:55 AM	ON
					10:10 PM	OFF
				SUN	8:55 AM	ON
					9:10 PM	OFF
			BURGLAR ALARM ARMED	OFF		
12	"LP-SP"	34,36	FACADE ACCENT FIXTURES	MON-SAT	8:00AM TILL 10:00PM & OUTDOOR LIGHTING IS LESS THAN 20FC	ON
					9:00AM TILL 9:00PM & OUTDOOR LIGHTING IS LESS THAN 20FC	ON
				SUN	BURGLAR ALARM ARMED	OFF
13	"LP-SP"	3,5	L.E.D. READERBOARD		FACTORY DEFAULT SETTING: 24 HOUR OPERATION	
					OUTDOOR LIGHTING IS LESS THAN 100FC	ON
14	"LP-SP"	17	AWNING/CANOPY ENTRANCE LIGHTS	MON-SUN	OUTDOOR LIGHTING IS MORE THAN 100FC	OFF

SEE NOTE 11

NOTES:

- PANELS "LP-1" AND "LP-SP" ARE SHIPPED FACTORY PRE-PROGRAMMED PER CONTROL SCHEDULE ABOVE. ELECTRICAL CONSULTANT AND ELECTRICAL CONTRACTOR MUST FURNISH PANELS "LP-1" AND "LP-SP" CIRCUITING EXACTLY AS SHOWN ON THE CRITERIA DRAWINGS E0.1, E1.1, E1.2, E2.1A, E2.1B, E2.1C AND E3.1. THE ONLY ACCEPTABLE DEVIATIONS ARE LIMITED TO SPECIAL LOCAL CODE REQUIREMENTS AND UNUSUAL SIZE OF THE STORE. IF STORE IS BIGGER THAN NORMAL - SPARE CIRCUITS SHALL BE UTILIZED. IF STORE IS SMALLER THAN NORMAL - UNUSED CIRCUITS WILL BECOME SPARE.
- EACH G.E. PANEL ("LP-1" AND "LP-SP") CONSISTS OF A RELAY SECTION AND CIRCUIT BREAKER SECTION IN ONE ENCLOSURE. THE RELAY SECTION IS LOCATED ABOVE THE CIRCUIT BREAKER SECTION. BRANCH POWER WIRING BETWEEN RELAY SECTION AND CIRCUIT BREAKER SECTION IS FURNISHED BY PANEL MANUFACTURER. ELECTRICAL CONTRACTOR SHALL PROVIDE FEEDERS TO PANELS AND BRANCH POWER WIRING BETWEEN THE RELAY SECTION AND THE LOADS. ELECTRICAL CONTRACTOR SHALL ALSO PROVIDE CONTROL WIRING TO THE RELAY SECTION AS SHOWN ON DRAWING E2.1B.
- ETHERNET COMMUNICATION. CONTROL SYSTEM IN EVERY STORE MUST COMMUNICATE WITH WALGREENS HELP CENTER. ETHERNET COMMUNICATION SHALL ALLOW HELP CENTER TO PERFORM UPLOADING OF REVISED PROGRAMS, REMOTE MONITORING, AND MANUAL CONTROL INCLUDING OVERRIDES.
- SYSTEM ALARM CONDITIONS. ALARM CONDITIONS INCLUDING "TVSS FAILURE ALARM" "SYSTEM OVERRIDE", AND MISCELLANEOUS MUST BE E-MAILED TO WALGREENS HELP CENTER.
- APPLIES TO STORES WITH WALL HEATERS ONLY.
- NOT USED
- ELECTRICAL CONTRACTOR SHALL INSTALL PANELS "LP-1" AND "LP-SP" SO THAT THE BOTTOM OF THE PANEL SHALL BE AT 12" A.F.F.
- ALL THE CIRCUITS WITHIN EACH GROUP SHALL BE PROGRAMMED NOT TO BE ENERGIZED AT THE SAME TIME, BUT SHALL BE STAGGERED WITH A ONE SECOND INTERVAL BETWEEN EACH CIRCUIT.
- OVERRIDES:
1.) OVERRIDE STATION ON PANEL "LP-SP" DOOR.
2.) STATION INCLUDES (4) PUSHBUTTONS/SWITCHES AND ALLOW OVERRIDE OF THE FOLLOWING GROUPS:
-GENERAL SALES AND MISCELLANEOUS - GROUPS #1, #2, #3, AND #11.
-PHARMACY - GROUP #5.
-SIGNS AND AWNING/CANOPY - GROUPS #7, #10, #13 AND #14.
-PARKING LOT - GROUPS #6, #8, #9 & #12.

- NOTE 7 CONTINUED:
b. G.E. UTILIZES PUSHBUTTONS. TO OVERRIDE THE GROUP PUSHBUTTON SHALL BE PRESSED. THE STATUS OF OVERRIDE MODE IS INDICATED BY PUSHBUTTON PILOT LIGHT. IF PILOT LIGHT IS ON IT INDICATES THAT THE GROUP IS IN OVERRIDE MODE. IF PUSHBUTTON IS PRESSED AGAIN, PILOT LIGHT IS TURNED OFF INDICATING THAT THE GROUP IS SWITCHED TO NORMAL = AUTOMATIC MODE.
- c. NOT USED.
- d. DURATION OF OVERRIDE MODE IS LIMITED TO 2 HOURS. IF MORE OVERRIDE TIME IS REQUIRED - OVERRIDE PUSHBUTTON/SWITCH SHALL BE INITIATED AGAIN.
- e. OVERRIDE FOR ALL THE GROUPS EXCEPT PARKING LOT OVERRIDE MODE WILL BE DISABLED WHEN SECURITY SYSTEM IS ARMED. FOR GROUP #8 (PARKING LOT) OVERRIDE MODE WILL BE DISABLED 15 MINUTES AFTER SECURITY SYSTEM IS ARMED.
- 2.) PHARMACY LOCAL OVERRIDE SWITCHES. THERE ARE TWO MOMENTARY SWITCHES. OFF FUNCTION WILL BE DISABLED WHEN LIGHTS SUPPOSED TO BE ON PER TIME SCHEDULE.
8. SEE DETAIL 4, DRAWING E2.1C FOR DETAILS.
9. CONSULTANT SHALL VERIFY WITH ARCHITECT IF STORE WILL BE OPERATING AS A NON-24 OR 24 HOUR STORE. ONLY ONE SCHEDULE THAT IS APPLICABLE TO THE STORE SHALL BE SHOWN ON THE DRAWING.
10. NON-24 HOUR STORE CONTROL SCHEDULE IS BASED ON TYPICAL STORE OPERATING HOURS:
MONDAY THRU SATURDAY: 8:00AM TO 10:00PM SUNDAY: 9:00AM TO 9:00PM
CONSULTANT MUST VERIFY WITH THE ARCHITECT ACTUAL STORE OPERATING HOURS AND ADJUST CONTROL SCHEDULE ACCORDINGLY.
11. FOR LIGHTING POLE LOCATIONS, REFER TO NOTE #9 DRAWING E0.1.
12. APPLIES ONLY TO STORES WITH ENTRANCE HEATERS. ONLY THE FOLLOWING TWO CONDITIONS (OUT OF THREE SHOWN IN CRITERIA) MUST BE SHOWN ON CONSULTANT DRAWINGS:
a. CONDITIONS 1 AND 2 (FOR STORES WITHOUT VESTIBULE).
b. CONDITIONS 1 AND 3 (FOR STORES WITH VESTIBULE).
CONSULTANT MUST NOT SHOW ALL THREE CONDITIONS ON THE DRAWINGS.
13. NOT USED
14. NOT USED
15. NOT USED

NO.	DATE	BY	DESCRIPTION	CONST

REVISIONS

CERTIFICATION AND SEAL

I HEREBY CERTIFY THAT THIS PLAN AND SPECIFICATION WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED ARCHITECT OR ENGINEER UNDER THE LAWS OF THE STATE OF MAINE AS SIGNIFIED BY MY HAND AND SEAL.

FISCAL 2007 CRITERIA - STORE #12325

WALGREENS
616 FOREST AVENUE
PORTLAND, MAINE

DRAWING TITLE
SIEMENS CONTROL SCHEDULE

CADD PLOT:	SCALE: AS NOTED	DRAWING NO.
VOID PLOT:	DRAWN BY: RJV	E2.1A
RELEASED TO CONSTRUCTION	DATE: 12-10-08	
	REVIEWED BY: SAM	