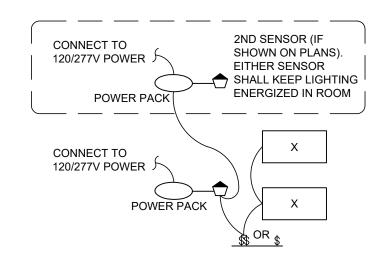
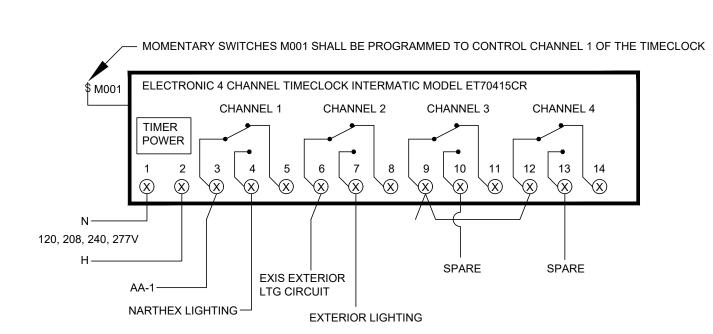
ОС	CUPANCY SENSOR SCHEE	DULE				
TYPE	DESCRIPTION	MANUFACTURER	MODEL	FINISH		
1U5	ULTRASONIC 360 DEGREE 500SF ULTRASONIC 360 DEGREE 2000SF ULTRASONIC 360 DEGREE 500SF	WATTSTOPPER HUBBELL LEVITON	UT305-1 OMNIUS2000 OSC05-UOW	WHITE		
1W	AUTOMATIC WALL SWITCH AUTOMATIC WALL SWITCH AUTOMATIC WALL SWITCH	WATTSTOPPER HUBBELL LEVITON	PW100 LHIRS1 ODS10-ID	MATCH DEVICE COLOR		
1WD	DUAL TECHNOLOGY WALLSWITCH DUAL TECHNOLOGY WALLSWITCH DUAL TECHNOLOGY WALLSWITCH	WATTSTOPPER HUBBELL LEVITON	DW100 LHMTS1 ODSMT-MD	MATCH DEVICE COLOR		
OSD	INFRARED 0-10V DIMMER/WALLSWITCH DUAL TECHNOLOGY 0-10V DIMMER/WALLSWITCH INFRARED 0-10V DIMMER/WALLSWITCH	LEVITON WATTSTOPPER HUBBELL	ODS10-IO DW311 LHDIRS-3-N	MATCH DEVICE COLOR		
NOTES	:					
1. P	PROVIDE ALL POWER ACCESSORIES AND MOUNTING	HARDWARE AS REC	QUIRED.			
	WHEN THE SENSOR IS SHOWN IN A ROOM WITH WALI AN OVERRIDE TO THE SWITCH/ROOM LIGHTING.	L SWITCHES, THE SI	ENSOR SHALL AG	CT AS		
3. S	SET THE SENSOR TO IT'S LONGEST SETTING.					



SET ALL TIMER FUNCTIONS FOR 30 MINUTE INTERVAL.

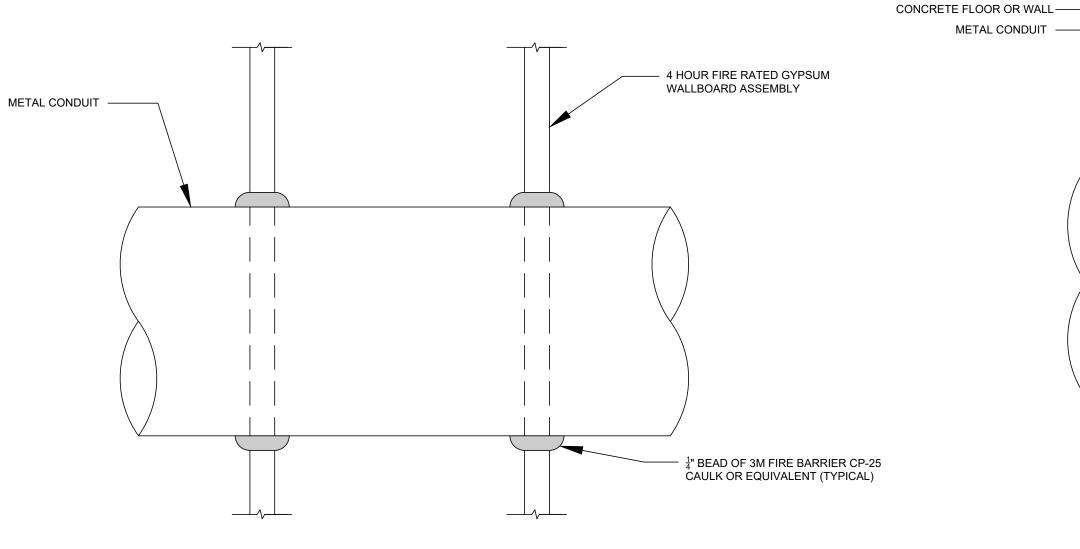
OCCUPANCY SENSOR WIRING DETAIL





TIMECLOCK LIGHTING CONTROL DETAIL





6" MAXIMUM DIAMETER RIGID STEEL CONDUIT 4" MAXIMUM DIAMETER EMT CONDUIT THROUGH GYPSUM WALLBOARD ASSEMBLY 4 HOUR MAXIMUM FIRE RATING



EQUIP: INTEGRAL WITH EQUIPMENT

PAN	IEL S	CHE	UL	E																
PANEL	PANEL			MAIN		TUBS	CKTS/	PANEL	MODEL	MOUNTING	AIC	BREAKERS								NOTE
NAME	VOLTAGE	PHASES			AMPERAG	PANE T	ГUВ	MANUFACTURER		TYPE										
				MCB)								TYPE	QTY	TYPE	QTY	TYPE	QTY	TYPE	QTY	
MAIN	120/240	1	3	400A	, MCB	1 5	54	SQUARE-D	NQ	SURFACE	22K	20/1	42	20/2	1	30/2	1	50/2	1	1,2
								CUTLER-HAMMER	POW-R-LINE 1			60/2	1	100/2	2					
AA	120/240	1	3	100A	, MLO	1 4	10	SQUARE-D	LOAD CENTER	FLUSH	10K	20/1	38	30/2	1					1
								CUTLER-HAMMER	LOAD CENTER											
ABBRE	/IATIONS																			
GFI	I GROUND FAULT CIRCUIT INTERRUPT		PTING	S S	SURFA	CE MOUNTED														
ST	SHUNT TRIP		F FLUSH MOUNTED																	
NOTES																				
1	SEE POWE	R DISTRI	BUTTON	DIAGR	AM DETAIL	1/F701	FOR	FURTHER REQUIRE	MENTS											

	LIGH	IT FIXTURE				FIXTURE LA	MPING				
FIXTUR	E			SYSTEM		LAMP CATALOG	LAMP	LAMP	LAMP	SYSTEM	
TYPE	FIXTURE DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLT.	BALLAST	NUMBER OR TYPE	TYPE	WATTS	QTY.	WATTS	NOTE
26	A' LED WOADA DOUND WITH ACDVILC	LITLIONILA	LDL4 4000LM 900DL 35K NODIM	120/277			LED			26	
	4' LED WRAPAROUND WITH ACRYLIC	LITHONIA	LBL4-4000LM-80CRI-35K-NODIM	120/277	-	-	LED	-	-	36	
	LENS, 3500K	METALUX	4WNLED-LD4-40SL-F-UNV-L835-CD1-U								
		LSI	WNA10 LED SS WW UE								
	6" 1000 LUMEN LED RECESSED DOWNLIGHT,	LITHONIA	LDN6-35/10-L06/WR-AR-LS	120/277	-	-	LED	-	-	12	1
	3500K, SPECULAR REFLECTOR, WHITE	HALO	PD6-10-ED010-PDM6A-835-61VC-S-WF								
	TRIM	ATLANTIC	LED6-DLM11-35K-U / 6LED10-CL								
	6" 2000 LUMEN LED RECESSED DOWNLIGHT,	LITHONIA	LDN6-35/20-L06/WR-AR-LS	120/277	-	-	LED	-	-	23	1
	3500K, SPECULAR REFLECTOR, WHITE	HALO	PD6-20-ED010-PDM6A-835-61VC-S-WF								
	TRIM	ATLANTIC	LED6-DLM20-35K-U / 6LED10-CL								
D3	4" 600 LUMEN LED RECESSED	LITHONIA	LD4 35/05-L04/WR-LS-EZ1	120/277	-	-	LED	-	-	8	
	DOWNLIGHT, SPECULAR REFLECTOR,	HALO	H995ICAT-RL460WH835PK								
	WHITE TRIM	ATLANTIC	LED4-DLM(SP600)-35K-U / 6LED10-CL								
D5	6" 1000/1500 LUMEN LED RECESSED ADJUSTABL	INDY	LA6-10351-LA600-F-L-WH	120/277	-	-	LED	-	-	23	2
	DOWNLIGHT, SPECULAR REFLECTOR, WHITE	PORTFOLIO	LDA6A10-835-D010TE-LAR35FL-6LA1-								
	TRIM		LI-WF								
		ATLANTIC	LED6ADJ-VR15-35K-1-6LADJ-CL								
06	6" 1000/1500 LUMEN LED RECESSED ADJUSTABL	INDY	LA6-10351-LA600-F-L-WH	120/277	_	-	LED	-	-	23	7
	DOWNLIGHT, SPECULAR REFLECTOR, WHITE	PORTFOLIO	LDA6A10-835-D010TE-LAR35FL-6LA1-								
	TRIM		LI-WF								
		ATLANTIC	LED6ADJ-VR15-35K-1-6LADJ-CL								
<u>6</u>	POLYCARBINATE LED EXIT SIGN, RED LETTERS	LITHONIA	LHQMSW-3R-RO	120/277	_	_	LED		_		3
	WHITE HOUSING, BATTERY BACKUP, TWO	SURELITES	LPXH7	120/211							
	REMOTE HEAD CAPABILITY, NO HEADS	LIGHTALARMS	GRANNRW / ELF650								
9	POLYCARBINATE UNIVERSAL LED EXIT SIGN,	LITHONIA	LQM-SW-3R-ELN	120/277	-	-	LED		_		
	RED LETTERS, WHITE HOUSING AND FACE,	SURELITES	LPX7								
	BATTERY BACK UP.	LIGHTALARMS	GRANNRW								
ΣX	EXISTING LIGHTING TO REMAIN										
2	DECORATIVE 18" PENDANT FIXTURE, BURLED	ULTRALIGHTS	6104-18-BCP-FA-10	120	_	-	_	20	2	40	4,5
	COPPER PLATE FINISH, FAUX ALABASTER										,
	DIFFUSER, LED REDUCED WATTAGE LABEL			1							
	DECORATIVE WALL SCONCE, BURLED COPPER	ULTRALIGHTS	7119-BCP-FA-03	120	-	-	-	20	1	20	4,6
	PLATE FINISH, FAUX ALABASTER DIFFUSER										
	LED WALL PACK LIGHT, TYPE 3 LIGHT	LITHONIA	WSTLED-P2-40K-VW	120/277	-		LED	-	-	25	
	DISTRIBUTION	McGRAW EDISON	IST-E01-LED-E1-BL3-BZ-7050								
		LSI	SFCM WB LED PL1 UE BRZ								
NOTES:											
	SOME FIXTURES SHALL BE PROVIDED WITH EME	RGENCY BATTERY B	ALLASTS WITH MINIMUM 600 LUMEN OUTP	UT. SEE D	RAWINGS	FOR FIXTURES AND	LOCATIO	ONS AND			
	SPECIFICATIONS FOR BALLAST INFORMATION.										
2.	ADJUST FIXTURES SUCH THAT THE LIGHT IS AIME	D STRAIGHT DOWN.									
	PROVIDE TWO WET LOCATION LISTED EMERGEN REQUIREMENS. SEE PLANS.	CY LAMPHEADS WIT	THA MINIMUM 7.2W LAMP FOR EACH HEAD	FOR EACH	LOCATIO	ON FOR EXTERIOR EN	MERGENC	Y LIGHTII	V G		
		ID(Q) EOD NOTED EIN	/TI IDE								
	PROVIDE DIMMABLE 20W A19 LED RETROFIT LAN										-
	PROVIDE PENDANT LENGTH AS REQUIRED TO INS		-U AFF IU BUITUM UF FIXTUKE.								
3 .	INSTALL NOTED FIXTURE AT 7'-4" TO THE TOP OF		E OWNER. NOTED FIXTURES SHALL BE DI	 							
7.											

MC	OTOR SCHEDU	_E											
NO.	DESCRIPTION	LOC.	HP	MCA	MAX. FUSE	WATTS	VOLTAGE	CIRCUIT	BREAKER	STARTER	DISC.	FEEDER	NOTES
1	CONDENSING UNIT	OUTSIDE		1			240/1	AA-14,16	30/2		MAN	3#10 - 3/4"C	1
2	FURNACE	01					120/1	AA-7	20/1		MAN	3#12 - 1/2"C	1
3	EXHAUST FAN	16					120/1	AA-3	20/1		MAN	3#12 - 1/2"C	1,2
4	EXHAUST FAN	17					120/1	AA-3	20/1		MAN	3#12 - 1/2"C	1,2
NOTE	<u> </u> <u>:S:</u>												
1.	VERIFY FINAL LOCATION WIT	H HVAC D	RAWIN	NGS AND	ADJUS	T LOCATIO	N AS REQUI	RED.					
2	WIRE NOTED FANS TO ROOM	LIGHT CIF	RCUIT.	FANS S	SHALL OF	PERATE W	HEN ROOM I	LIGHTS ARE	OPERATING.				
GENE	ERAL NOTES:												
A.	WHEN STARTERS AND DISCO	NNECTS A	RE PF	ROVIDE	BY HVA	C, INSTAL	LSTARTERS	S AND MAKE	ALL RELATE	D LINE VO	DLTAGE E	LECTRICAL	
	CONNECTIONS.												
B.	ALL MAG/COMB STARTERS AF	RE TO BE I	PROVI	DED WI	TH HAND	-OFF-AUTO	SELECTOR	RSWITCHES	. ALL MAN S	TARTERS	ARE TO I	HAVE A PILOT	
	LIGHT.												
C.	VERIFY LOCATION OF MOTOR	S WITH TH	HE TRA	DE SUF	PLYING	THEM. LO	CATIONS SH	HOWN ON EL	ECTRICAL P	LANS ARE	ONLY AF	PPROXIMATE.	
D.	VERIFY IN-RUSH CURRENTS (OF ALL MC	TORS	PRIOR 1	O ELEC	TRICAL RO	UGH-IN/PUR	RCHASE.					
ABBF	REVIATIONS:												
FSSV	V: FUSED SAFETY SWITCH			COMB:	COMBI	NATION ST	ARTER		HP: HORS	SEPOWER			
NFSS	SW: NON-FUSED SAFETY SWI	TCH		MAG:	MAGNET	TC STARTE	ER		TS: 20A T	OGGLE SV	VITCH		
HVAC	C: HVAC CONTRACTOR			MAN:	MANUAL	STARTER	WITH OVER	RLOAD	(R): ROOF				

C/P: CORD AND PLUG

C.PANEL: CONTROL PANEL PROVIDED BY CONTRACTOR SUPPLYING EQUIPMENT SERVED.

EC: ELECTRICAL CONTRACTOR

PAN	NEL S	CHE	DUL	E																
PANEL	PANEL			MAIN		TUBS	CKTS/	PANEL	MODEL	MOUNTING	AIC	BREAKERS								NOTES
NAME	VOLTAGE	PHASES	WIRE		AMPERAG	PANE	TUB	MANUFACTURER		TYPE										
				MCB)								TYPE	QTY	TYPE	QTY	TYPE	QTY	TYPE	QTY	
MAIN	120/240	1	3	400A	, MCB	1	54	SQUARE-D	NQ	SURFACE	22K	20/1	42	20/2	1	30/2	1	50/2	1	1,2
								CUTLER-HAMMER	POW-R-LINE 1			60/2	1	100/2	2					
AA	120/240	1	3	100A	, MLO	1	40	SQUARE-D	LOAD CENTER	FLUSH	10K	20/1	38	30/2	1					1
								CUTLER-HAMMER	LOAD CENTER											
ABBRE	VIATIONS																			
GFI	GROUND F	AULT CIR	CUIT IN	TERRU	PTING	S	SURFA	CE MOUNTED												
ST	SHUNT TRI	Р				F	FLUSH	MOUNTED												
NOTES																				
1.	SEE POWE	R DISTRI	BUTION	DIAGR	AM, DETAI	L 1/E70	1, FOR	FURTHER REQUIRE	MENTS.											

6" MAXIMUM DIAMETER RIGID STEEL CONDUIT

4" MAXIMUM DIAMETER EMT CONDUIT

THROUGH CONCRETE WALL OR FLOOR ASSEMBLY

2, 3, OR 4 HOUR MAXIMUM FIRE RATING

3 E700

NO SCALE

IMENSION

Architectural Design, and Construction

MT OLIVE CHURCH ADDITIONREMODELING

SHEET INDEX:

ELECTRICAL SCHEDULES AND

— 3M FIRE BARRIER FS-195 WRAP/STRIP OR EQUIVALENT (TYPICAL)

— SEAL WITH 3M FIRE BARRIER CP-25
CAULK OR MOLDABLE PUTTY (TYPICAL)

	LIGH	HT FIXTURE				FIXTURE LA	MPING				
XTUR				SYSTEM		LAMP CATALOG	LAMP	LAMP	LAMP	SYSTEM	
YPE	FIXTURE DESCRIPTION	MANUFACTURER	CATALOG NUMBER	VOLT.	BALLAST	NUMBER OR TYPE	TYPE	WATTS	QTY.	WATTS	NOTES
6	4' LED WRAPAROUND WITH ACRYLIC	LITHONIA	LBL4-4000LM-80CRI-35K-NODIM	120/277	_	_	LED	_	_	36	
	LENS, 3500K	METALUX	4WNLED-LD4-40SL-F-UNV-L835-CD1-U				3.3.3.3.				
-		LSI	WNA10 LED SS WW UE	ļ							
	6" 1000 LUMEN LED RECESSED DOWNLIGHT,	LITHONIA	LDN6-35/10-L06/WR-AR-LS	120/277	-	-	LED	-	-	12	1
	3500K, SPECULAR REFLECTOR, WHITE TRIM	HALO ATLANTIC	PD6-10-ED010-PDM6A-835-61VC-S-WF LED6-DLM11-35K-U / 6LED10-CL								
2	6" 2000 LUMEN LED RECESSED DOWNLIGHT.	LITHONIA	LDN6-35/20-L06/WR-AR-LS	120/277	_	-	LED	-	-	23	1
21	3500K, SPECULAR REFLECTOR, WHITE	HALO	PD6-20-ED010-PDM6A-835-61VC-S-WF	120/2//							
	TRIM	ATLANTIC	LED6-DLM20-35K-U / 6LED10-CL								
}	4" 600 LUMEN LED RECESSED	LITHONIA	LD4 35/05-L04/WR-LS-EZ1	120/277	-	-	LED	-	-	8	
	DOWNLIGHT, SPECULAR REFLECTOR,	HALO	H995ICAT-RL460WH835PK								
	WHITE TRIM	ATLANTIC	LED4-DLM(SP600)-35K-U / 6LED10-CL	400/5==			1.55			00	
	6" 1000/1500 LUMEN LED RECESSED ADJUSTABL		LA6-10351-LA600-F-L-WH	120/277	-	-	LED	-	-	23	2
	DOWNLIGHT, SPECULAR REFLECTOR, WHITE TRIM	PORTFOLIO	LDA6A10-835-D010TE-LAR35FL-6LA1- LI-WF	+							
	HAIM	ATLANTIC	LED6ADJ-VR15-35K-1-6LADJ-CL								
	6" 1000/1500 LUMEN LED RECESSED ADJUSTABL		LA6-10351-LA600-F-L-WH	120/277	-	_	LED		-	23	7
97.1	DOWNLIGHT, SPECULAR REFLECTOR, WHITE	PORTFOLIO	LDA6A10-835-D010TE-LAR35FL-6LA1-								
	TRIM		LI-WF								
		ATLANTIC	LED6ADJ-VR15-35K-1-6LADJ-CL								
	POLYCARBINATE LED EXIT SIGN, RED LETTERS	LITHONIA	LHQMSW-3R-RO	120/277	-	-	LED		-		3
	WHITE HOUSING, BATTERY BACKUP, TWO	SURELITES	LPXH7								
	REMOTE HEAD CAPABILITY, NO HEADS	LIGHTALARMS	GRANNRW / ELF650								
	POLYCARBINATE UNIVERSAL LED EXIT SIGN,	LITHONIA	LQM-SW-3R-ELN	120/277	-	-	LED		-		
	RED LETTERS, WHITE HOUSING AND FACE,	SURELITES	LPX7								
	BATTERY BACK UP.	LIGHTALARMS	GRANNRW								
(EXISTING LIGHTING TO REMAIN										
	DECODATIVE AND DENIDANT FIXTURE. DURING	LII TRALLOUTS	2/2/ /2 DOD 51 /2	100						40	
	DECORATIVE 18" PENDANT FIXTURE, BURLED COPPER PLATE FINISH. FAUX ALABASTER	ULTRALIGHTS	6104-18-BCP-FA-10	120	-	-	-	20	2	40	4,5
	DIFFUSER, LED REDUCED WATTAGE LABEL										
	DECORATIVE WALL SCONCE, BURLED COPPER	ULTRALIGHTS	7119-BCP-FA-03	120	-	_	-	20	1	20	4,6
	PLATE FINISH, FAUX ALABASTER DIFFUSER								-		.,~
1	LED WALL DACK LICHT TYPE 3 LICHT	LITHONIA	MISTLED DO ACK MAN	120/077			LED			25	
	LED WALL PACK LIGHT, TYPE 3 LIGHT DISTRIBUTION		WSTLED-P2-40K-VW IST-E01-LED-E1-BL3-BZ-7050	120/277	-	-	LED	-	-	25	
	DISTRIBUTION	THE RESERVE THE PROPERTY OF THE PARTY OF THE	SFCM WB LED PL1 UE BRZ								
TES:											
	SOME FIXTURES SHALL BE PROVIDED WITH EME	RGENCY BATTERY BA	ALLASTS WITH MINIMUM 600 LUMEN OUTP	UT. SEE C	RAWINGS	FOR FIXTURES AND	LOCATIO	ONS AND			
	SPECIFICATIONS FOR BALLAST INFORMATION.										
	ADJUST FIXTURES SUCH THAT THE LIGHT IS AIMED FOR THE SUCH THAT THE SUCH THAT THE LIGHT IS AIMED FOR THE SUCH THAT		LLA MAINIMALINA 7 OVALLANAD FOR FACULLIFAS	LOD EAC	LLOCATIO	NI COD EVTEDIOD E	(EDOEN)	N LOUT!	NC		
	PROVIDE TWO WET LOCATION LISTED EMERGEN REQUIREMENS. SEE PLANS.	ICY LAMPHEADS WIT	HA MINIMUM 7.2W LAMP FOR EACH HEAD	FOREAC	H LOCATIO	IN FOR EXTERIOR EN	IEKGENO	Y LIGHTI	NG		
	PROVIDE DIMMABLE 20W A19 LED RETROFIT LAN	MP(S) FOR NOTED FIX	(TURE.								
	PROVIDE PENDANT LENGTH AS REQUIRED TO IN										
	INSTALL NOTED FIXTURE AT 7'-4" TO THE TOP OF	THE LAMP SHADE.									
	ADJUST FIXTURES TO ILLUMINATE THE WALL. CO	OORDINATE WITH TH	E OWNER. NOTED FIXTURES SHALL BE DI	MMED.							
NER	AL NOTES:										
	ALL NON IC RATED FIXTURES INSTALLED IN AN IC	C APPLICATION SHAL	L HAVE THE SURROUNDING AREA BOXED	OUT SUCH	THAT INSU	JLATION DOES NOT	OME IN	CONTACT	WITH	ГНЕ	
	FIXTURE. FURTHERMORE, BOXING OUT OF THE FIN OTHER AREAS OF THE CONTRACT DOCUMENTS	IXTURES DOES NOT									
	IN OTHER AREAS OF THE CONTRACT DOCUMENTS										-
	WHERE RECESSED FIXTURES PENETRATE THE E	BUILDING FNIVELOPE	BETWEEN CONDITIONED AND NON CONDI	TIONED SE	ACES THE	E PENETRATION SHA	LL RF PI	ROPERIY	SEALE	OT C	