

EQUIPMENT LIST					
TYPE	MANUFACTURER	PART NUMBER	DESCRIPTION	QTY	
FACP	FIRE LITE	ES-50X	ADDRESSABLE FIRE ALARM CONTROL PANEL	1	
COMM	FIRE LITE	IPOTS-COM	IPOTS-COM COMMUNICATOR (INCLUDED WITH PANEL)	1	
BATTERY	ENERSYS	NP7-12	12 VOLT 7 AMP HOUR STORAGE BATTERY	3	
COMM	STARLINK	SLE-MAX2-CFB-PS	INTERNET AND DIGITAL CELLULAR COMMUNICATOR	1	
PATCH CABLE	STARLINK	#SS6-4545-8F-XX	RJ PATCH CABLE	1	
AS-BUILT	MIER	BW-DOCBOX	AS-BUILT DOCUMENT STORAGE CABINET	1	
РНОТО	SYSTEM SENSOR	SS-PHOTO	ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR	1	
INPUT	FIRE LITE	MMF-300	ADDRESSABLE MONITOR MODULE	6	
DUAL INPUT	FIRE LITE	MDF-300	ADDRESSABLE DUAL MONITOR MODULE	4	
PULL	FIRE LITE	BG-12LX	ADDRESSABLE MANUAL PULL STATION	1	
CST	SYSTEM SENSOR	SCRLED	SELECTABLE CANDELA LED CEILING LED MOUNT STROBE	4	
CHS	SYSTEM SENSOR	PC2RLED	SELECTABLE CANDELA LED CEILING MOUNT HORN/STROBE	8	
WPHS	SYSTEM SENSOR	P2GRKLED	SELECTABLE CANDELA LED WEATHERPROOF HORN/STROBE	1	

		ZON	NE LIST		
TYPE	MANUFACTURER	PART NUMBER	ADDRESS	ADDRESS2	LOCATION
РНОТО	SYSTEM SENSOR	SS-PHOTO	01		RISER
PULL	FIRE LITE	BG-12LX	02		SERVICE
INPUT	FIRE LITE	MMF-300	06		KITCHEN
INPUT	FIRE LITE	MMF-300	07		KITCHEN
INPUT	FIRE LITE	MMF-300	11		TEAM MEMBER ROOM
INPUT	FIRE LITE	MMF-300	12		KITCHEN
INPUT	FIRE LITE	MMF-300	13		MEAL FULFILLMENT AREA
INPUT	FIRE LITE	MMF-300	14		DINING
DUAL INPUT	FIRE LITE	MDF-300	21	22	RISER
DUAL INPUT	FIRE LITE	MDF-300	23	24	RISER
DUAL INPUT	FIRE LITE	MDF-300	25	26	OFFICE
DUAL INPUT	FIRE LITE	MDF-300	27	28	OFFICE

SEQUENCE OF OPERATIONS

*ALL POINTS REPORT INDIVIDUALLY TO CENTRAL STATION MONITORING UTILIZING

CONTACT I.D.

OUTPUTS AND CONTROLS

FIRE ALARM CONTROL PANEL BATTERY CALCULATION							
QTY	TYPE	PART NUMBER	STANDBY	TOTAL STANDBY	ALARM	TOTAL ALARM	
1	FACP	ES-50X	0.1410 Amps	0.1410 Amps	0.2570 Amps	0.2570 Amps	
1	COMM	IPOTS-COM	0.0400 Amps	0.0400 Amps	0.0410 Amps	0.0410 Amps	
1	РНОТО	SS-PHOTO	0.0002 Amps	0.0002 Amps	0.0045 Amps	0.0045 Amps	
6	INPUT	MMF-300	0.0004 Amps	0.0021 Amps	0.0050 Amps	0.0300 Amps	
4	DUAL INPUT	MDF-300	0.0008 Amps	0.0030 Amps	0.0064 Amps	0.0256 Amps	
1	PULL	BG-12LX	0.0002 Amps	0.0002 Amps	0.0002 Amps	0.0002 Amps	
4	CST	SCRLED	0.0000 Amps	0.0000 Amps	0.0180 Amps	0.0720 Amps	
1	CHS	PC2RLED	0.0000 Amps	0.0000 Amps	0.0350 Amps	0.0350 Amps	
3	CHS	PC2RLED	0.0000 Amps	0.0000 Amps	0.0380 Amps	0.1140 Amps	
2	CHS	PC2RLED	0.0000 Amps	0.0000 Amps	0.0870 Amps	0.1740 Amps	
2	CHS	PC2RLED	0.0000 Amps	0.0000 Amps	0.0920 Amps	0.1840 Amps	
1	WPHS	P2GRKLED	0.0000 Amps	0.0000 Amps	0.0870 Amps	0.0870 Amps	
			TOTAL	0.1865 Amps	TOTAL	1.0243 Amps	
		LCULATIONS FOR DE		24 Hrs	HOURS	0.083 Hrs	
		CE CIRCUITS. PROVID 5MIN (.083 HRS) OF A		4.48 Ah	AMP HOUR	0.09 Ah	
		,		1.25	DERATING	1.25	
				5.60 Ah	TOTAL	0.11 Ah	
				TOTAL RE	QUIRED	5.702 Ah	
				SEE EO	UIPMENT LIST F	OR SIZE	

		VOLTAGE		VI CIII AT	IONS		
VOLTAGE DROP CALCULATIONS NOTIFICATION APPLIANCE CIRCUIT SCHEDULE							
CIRCUIT	TYPE	CANDELA	PART NUMBER	ALARM	QTY	TOTAL	
F1	CST	15Cd	SCRLED	0.018 Amps	1	0.018 Amps	
F1	CHS	15Cd	PC2RLED	0.035 Amps	1	0.035 Amps	
F1	CHS	30Cd	PC2RLED	0.038 Amps	1	0.038 Amps	
F1	CHS	75Cd	PC2RLED	0.087 Amps	1	0.087 Amps	
=1	CHS	95Cd	PC2RLED	0.092 Amps	2	0.184 Amps	
=2	CST	15Cd	SCRLED	0.018 Amps	3	0.054 Amps	
-2	CHS	30Cd	PC2RLED	0.038 Amps	2	0.076 Amps	
=2	CHS	75Cd	PC2RLED	0.087 Amps	1	0.087 Amps	
F2	WPHS	75Cd	P2GRKLED	0.087 Amps	1	0.087 Amps	
		VO	 LTAGE DROP CAL	CULATION			
POWER SUPPLY	CIRCUIT	TOTAL AMPS	FOOTAGE	OHMS PER 1K	TOTAL OHMS	VOLTAGE DROP	
F1	F1	0.362 Amps	400	3.19	1.28 Ohms	0.46 Vdc	
 F1	F2	0.304 Amps	350	3.19	1.12 Ohms	0.34 Vdc	

RISER DIAGRAM					
F1 95Cd 75Cd 30Cd 15Cd 15Cd EOL H H H H H L NAC1 NAC2 FEED FEED FACP	15Cd 30Cd 75Cd 75Cd F2 L J H H H EOL 3				
AS-BUILT ANTENNA INSTALL ¾" CONDUIT BETWEEN RACT AND FACP RACT CELLULAR / RADIO DUAL PATHWAY * CELLULAR COMMUNICATOR IS MOUNTED AT PANEL LOCATION * SEE SEQUENCE OF OPERATION FOR SIGNALS TO BE SENT	F P Z M M M Z 2 WET SYSTEM				
DEDICATED 120 VAC LABELED "FIRE ALARM CIRCUIT" PER NFPA 72	 THIS SYSTEM IS INTENDED TO BE A SPRINKLER MONITORING SYSTEM ONLY PER NFPA 72 23.8.5.5 THE KITCHEN HOOD AND DUCT DETECTOR MONITORING IS AT THE OWNERS REQUEST TO MAINTAIN UNIFORMITY FOR ALL STORES 				

MOUNTING INSTRUCTIONS:

2.1. CENTER OF CEILING TILES.

2.3. NO LESS THAN 4" FROM A SIDE WALL.

80" ABOVE THE FINISHED FLOOR.

BELOW THE CEILING.

THE "DESIGN STANDARDS" ON THESE DRAWINGS.

SMOKE DETECTORS SHALL BE MOUNTED AS FOLLOWS:

4. MANUAL PULL STATIONS SHALL BE MOUNTED AS FOLLOWS:

4.2. WITHIN 5' OF THE EXIT DOOR WHERE POSSIBLE.

5.4. SET ALL HORN STROBES TO HIGH dBA SETTING.

5.5. SET CANDELA RATING AS NOTED ON PLANS.

CONNECTED TO THE FIRE ALARM SYSTEM.

4.1. 48" TO THE TOP OF THE DEVICE ABOVE THE FINISHED FLOOR.

. HORN/STROBE AND STROBE UNITS SHALL BE MOUNTED AS FOLLOWS: 5.1. SHALL BE MOUNTED SUCH THAT THE ENTIRE LENS IS NOT LESS THAN

5.2. WHEN CEILING HEIGHTS ARE LESS THAN 80", MOUNT THE DEVICE 6"

5.3. ALL CEILING MOUNT DEVICES SHALL BE IN THE CENTER OF THE TILE.

ALL SIGNAL LINE CIRCUITS (i.e. SLC DATA) SHALL BE CLASS "B".

ALL NOTIFICATION APPLIANCE CIRCUITS (NAC) SHALL BE CLASS "B".

LABOR, CONDUIT, AND WIRING FOR ALL 120VAC POWER CIRCUITS

A LICENSED ELECTRICAL CONTRACTOR SHALL PROVIDE THE INSTALLATION,

ALL INITIATION DEVICES CIRCUITS (IDC) SHALL BE CLASS "B".

PROJECT GENERAL INFORMATION

4. IFC (2018) AS AMENDED BY THE AHJ

SCOPE OF WORK:

FOR THE CHICK-FIL-A STORE # 05248.

4. THIS PROJECT'S FIRE ALARM SYSTEM SHALL BE DESIGNED UTILIZING THE

ENSURE PROPER EVACUATION FOR A PERIOD OF 5 MIN. S. INSTALLATION CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE FIRE

GENERAL NOTES:

LIKE MANNER" UTILIZING "GOOD COMMERCIAL PRACTICE". 2. TO ENSURE THE PROPER OPERATION OF THE FIRE ALARM SYSTEM, A COMPLETE FUNCTIONAL TEST SHALL BE PERFORMED PRIOR TO THE FINAL INSPECTION BY THE AUTHORITY HAVING JURISDICTION (A.H.J.).

PROVIDE INSPECTION REPORTS, OPERATIONS MANUALS, AND SHOP

6. ALL OF THE FIRE ALARM CONTROL PANEL TERMINATIONS SHALL BE

APPROVED. IF THE CHANGES ARE SUFFICIENT TO REQUIRE RE-ENGINEERING A FEE MAY BE CHARGED TO THE CONTRACTOR REQUESTING THE CHANGES.

PLANS. CHANGES IN DEVICES, LOCATIONS, AND/OR CIRCUITS MUST BE

ADDRESSABLE SPRINKLER MONITORING SYSTEM.

2. NFPA 72 (2016) 3. NFPA 70 (2014)

I. INSTALL ONE (1) NEW FIRE ALARM SYSTEM TO PROVIDE TOTAL EVACUATION

2. THE FIRE ALARM SYSTEM SHALL SEND AUTOMATIC SIGNALS TO A UL LISTED / FM APPROVED "CENTRAL STATION" MONITORING SYSTEM. REFER TO THE RISER DIAGRAM AND THE SEQUENCE OF OPERATIONS FOR THE SPECIFIC

5. THIS SYSTEM SHALL MAINTAIN 15 Db ABOVE AMBIENT SOUND IN ORDER TO

ASSOCIATED CONTRACTORS. UPON COMPLETION OF THE PROJECT, THE INSTALLING CONTRACTOR SHALL

BE PERFORMED BY THE INSTALLING CONTRACTOR.

PROJECT NOTES

. ALL DEVICES SHALL BE INSTALLED UTILIZING THE STANDARDS LOCATED IN

2.2. NO CLOSER THAN THREE (3) FEET FROM AN AIR MOVING REGISTER

3. DUCT SMOKE DETECTORS SHALL BE INSTALLED AND CERTIFIED BY OTHER

TRADES. THE DUCT SMOKE DETECTORS SHALL BE MONITORED BY THE

SYSTEM TYPE:

ADDRESSABLE FIRE LITE ES-50X SPRINKLER MONITORING SYSTEM, UTILIZING A POWER LIMITED, FULLY SUPERVISED, MANUAL AND AUTOMATIC INITIATION/DETECTION SYSTEM. THIS SYSTEM SHALL MONITOR THE BUILDING FIRE SPRINKLER SYSTEM AND SEND AUTOMATIC SIGNALS TO A UL LISTED / FM APPROVED "CENTRAL STATION" MONITORING SYSTEM.

DESIGN STANDARDS 1. MANUFACTURERS' GUIDELINES

B. THE FIRE ALARM SYSTEM SHALL PROVIDE BATTERY BACKUP AS A SECONDARY POWER SOURCE. REFER TO THE BATTERY CALCULATIONS LOCATED ON THESE DRAWINGS FOR THE STANDBY TIME AND SIZE OF BATTERIES REQUIRED.

STANDARDS LOCATED IN THE "DESIGN STANDARDS" SECTION ON THESE

. THIS PROJECT'S FIRE ALARM SYSTEM SHALL BE INSTALLED IN A "WORKMAN

B. THE INSTALLING CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ALI TESTING WITH THE LOCAL A.H.J., GENERAL CONTRACTOR AND ANY

DRAWINGS TO THE OWNER REPRESENTATIVE. ALL OF THE FIRE ALARM SYSTEM PROGRAMMING THAT IS REQUIRED SHALL

PERFORMED BY THE INSTALLING CONTRACTOR. THE FIRE ALARM INSTALLATION SHALL BE IN ACCORDANCE WITH THESE

HIS DRAWING CONTAINS CONFIDENTIAL PROPRIETARY INFORMATION OF STRONG SYSTEMS INTERNATIONAL INC. AND ELEVATED TECHNICAL DESIGN. ALL RIGHTS ARE EXPRESSLY RESERVED. THIS DRAWING IS NOT TO BE USED FOR ANY OTHER PURPOSE NOR COPIED IN WHOLE OR PART NOR ITS DESIGN FEATURES USED IN OTHER PRODUCTS WITHOUT WRITTEN CONSENT.

APPROX. SQUARE FOOTAGE: 5,146 sq. ft.

DESCRIPTION:

ELECTRICAL INSTALLATION NOTES: THE FIRE ALARM SYSTEM WIRING SHALL BE INSTALLED UTILIZING THE

STANDARDS LOCATED IN THE "DESIGN STANDARDS" ON THESE DRAWINGS. REFER TO THE "WIRE CHART" LOCATED ON THESE DRAWINGS FOR SIGNALS TO BE TRANSMITTED. QUANTITY, TYPE & SIZE OF THE WIRE.

ALL CABLE RUNS SHALL RUN PARALLEL TO THE BUILDING LINES, DIAGONAL RUNS ARE NOT ACCEPTABLE. MARSHAL TO OBTAIN A PERMIT. ALL CABLE SHALL BE SECURELY FASTENED TO THE BUILDING STRUCTURE

CONNECTION TO CEILING GRID, CONDUIT, SPRINKLER PIPE, ETC. SHALL NOT BE PERMITTED. ALL CABLE SHALL BE SUPPORTED WITH FIRE RATED CABLE TIES AT 6'-0" ON CENTER. ALL SUPPORT SYSTEMS SHALL BE INSTALLED PER THE DESIGN STANDARDS ON THESE DRAWINGS. ALL JUNCTION BOXES SHALL BE SECURELY MOUNTED. JUNCTION BOXES

WITHIN THE CEILING GRID SHALL BE SUPPORTED UTILIZING "T-BAR" TYPE FLEXIBLE CONDUIT PER THE DESIGN STANDARDS ON THESE DRAWINGS. 0.ALL CABLE BELOW CEILING LEVEL SHALL BE INSTALLED WITHIN METALLIC SURFACE MOUNTED RACEWAY (i.e. WIREMOLD, WALLTRAK,

PANDUIT, ETC.) OR BE CONTAINED WITHIN WALL SYSTEM.

CO	ND	UCT	OR I	PRO	PER	TIE.	S CF	<i>HART</i>
		ı .	CONDI	JCTORS		DC RES		75°C (167°F)
SIZE	SIZE	STRA	NDING		RALL		PER	ALUMINUM
AWG/ kcmil	AWG/ kcmil	QUANTITY	DIA. IN.	DIA. IN.	AREA IN. 2	Uncoated ohm/kFT	Coated ohm/kFT	ohm/ kFT
18	1620	1	-	0.040	0.001	7.77	8.08	12.8
18	1620	7	0.015	0.046	0.002	7.95	8.45	13.1
16	2580	1	-	0.051	0.002	4.89	5.08	8.05
16	2580	7	0.019	0.058	0.003	4.99	5.29	8.21
14	4110	1	-	0.064	0.003	3.07	3.19	5.06

THE LIST WITHIN THIS SECTION ARE NOT PART OF THE SCOPE OF WORK OF THE FIRE ALARM CONTRACTOR, BUT ARE VITAL FOR THE COMPLETION OF THE SYSTEM. THIS LIST SHALL BE PROVIDED BY OTHER TRADES AND

COORDINATED BY THE GENERAL CONTRACTOR. 1. ALL 120VAC DEDICATED POWER CIRCUIT, CONDUIT, AND WIRING.

2. ALL AIR HANDLING UNIT SHUTDOWN CONDUIT AND WIRING.

ALL DUCT SMOKE DETECTORS, DETECTOR HOUSING, DETECTOR POWER, RELATED INSTALLATION LABOR, CONDUIT, AND WIRING.

4. DUCT SMOKE MANOMETER TESTING AND DOCUMENTATION. 5. DUCT SMOKE DETECTORS AND REMOTE LED/TEST STATIONS.

DAMPER CONTROLS INSTALLATION, CONDUIT, AND WIRING.

INSTALL TYPE 1 HOFFMAN ENCLOSURE 6X6X3 (ASG6X6X3NK) OR EQUAL AT 52" AFF WITHIN WALL. INSTALL 2" EMT CONDUIT EXTENDED TO 6" ABOVE ACCESSIBLE CEILING ("STUB UP") UTILIZE SUITABLE BOX CONNECTOR OR EQUIVALENT AT THE END OF THE STUB UP TO PREVENT

INSTALL A SINGLE-GANG DEEP JUNCTION BOX AT 48" AFF WITHIN WALL. INSTALL 1" EMT CONDUIT EXTENDED TO 6" ABOVE ACCESSIBLE CEILING ("STUB UP") UTILIZE SUITABLE BOX CONNECTOR OR EQUIVALENT AT THE ÈND OF THE STUB UP TO PREVENT WIRE DAMAGE.

INSTALL A 4 SQUARE DEEP JUNCTION BOX IN AN ACCESSIBLE AREA HALFWAY BETWEEN WATERFLOW SWITCH AND TAMPER SWITCH. INSTALL 1" EMT CONDUIT EXTENDED TO 6" ABOVE ACCESSIBLE CEILING ("STUB UP") UTILIZE SUITABLE BOX CONNECTOR OR EQUIVALENT AT THE END OF THE STUB UP TO PREVENT WIRE DAMAGE. FOR RISERS LOCATED ON THE EXTERIOR OF THE BUILDING MOUNT 4 SQUARE DEEP JUNCTION BOX 6" ABOVE THE ACCESSIBLE CEILING IMMEDIATELY ON THE INTERIOR OF THE BUILDING AND LOCATE ADDRESSABLE MODULE IN THIS

INSTALL A 4 SQUARE DEEP JUNCTION BOX IN THE CENTER OF THE

CEILING TILE. RIGIDLY MOUNT JUNCTION BOX WITH T-BAR FASTENER. 5 120VAC 15A DEDICATED CIRCUIT REQUIRED TO BE HARD-WIRED TO THE CONTROL PANEL BY THE ELECTRICAL CONTRACTOR.

CELLULAR/RADIO COMMUNICATION TO BE SOLE PATHWAY PER NFPA GUIDELINES AND APPROVAL BY THE AUTHORITY HAVING JURISDICTION AN EXTRA ANSUL MICRO-SWITCH IS REQUIRED.

INSTALL A 4 SQUARE DEEP JUNCTION BOX WITHIN DRYWALL CEILING. RIGIDLY MOUNT JUNCTION BOX PER NEC.

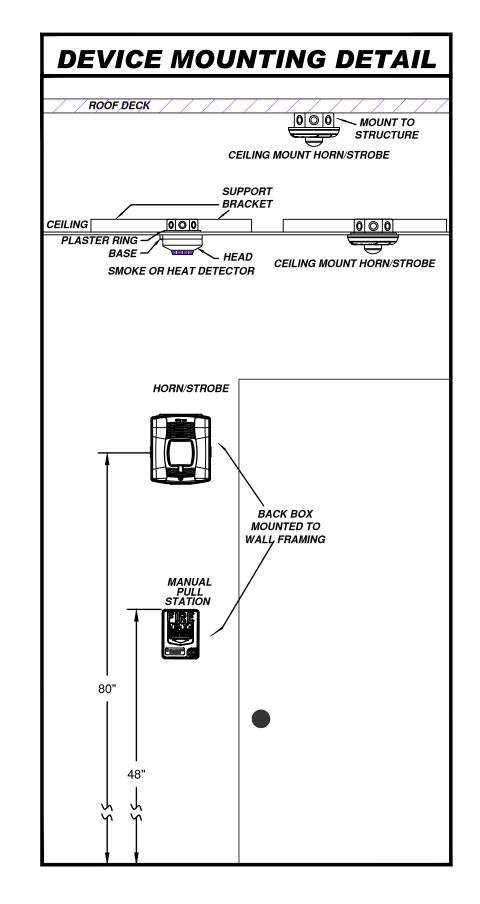
HANGERS. ALL CABLE WITHIN THE WALL SYSTEM SHALL BE IN CONDUIT OR INSTALL A SINGLE-GANG DEEP JUNCTION BOX AT 60" AFF WITHIN WALL. INSTALL 1" EMT CONDUIT EXTENDED TO 6" ABOVE ACCESSIBLE CEILING ("STUB UP") UTILIZE SUITABLE BOX CONNECTOR OR EQUIVALENT AT THE END OF THE STUB UP TO PREVENT WIRE DAMAGE. CONSULT WITH THE PROJECT SUPERINTENDENT FOR EXACT LOCATION.

> WITH IN THE WALL STRUCTURE INSTALL A 4 SQUARE DEEP JUNCTION BOX WITH SINGLE GANG MUD RING IN AN ACCESSIBLE AREA ON AN INTERIOR WALL AT 80" AFF WITH 1/2" SLEEVE TO EXTERIOR FOR WEATHER PROOF HORN STROBE. INSTALL 1" EMT CONDUIT EXTENDED TO 6" ABOVE ACCESSIBLE CEILING ("STUB UP") UTILIZE SUITABLE BOX CONNECTOR OR EQUIVALENT AT THE END OF THE STUB UP TO PREVENT

WIRE DAMAGE. (11) NOT USED (12) INSTALL WEATHER PROOF HORN STROBE DEVICE 10 FEET ABOVE

FINISHED GRADE OVER THE FDC TO IDENTIFY LOCATION OF THE FDC.

D.A	TTEDY CA							
BATTERY CALCULATIONS								
	RACT BATTERY CALC							
	TOTAL STAN	DBY CURRENT						
DESCRIPTION	PART#	STAND BY CURRENT	QTY	TOTAL				
COMM	SLE-MAX2-CFB-PS	0.20000 Amps	1	0.2000 Amps				
	TOTAL STAND BY							
TOTAL ALARM CURRENT								
DESCRIPTION	PART #	ALARM CURRENT	QTY	TOTAL				
СОММ	SLE-MAX2-CFB-PS	0.20000 Amps	1	0.2000 Amps				
	0.200 Amps							
	BATTERY C	ALCULATION						
STAND BY CURRENT	0.2000 Amps	Х	24 Hrs	4.800 Ah				
ALARM CURRENT	0.200 Amps	Х	0.083 Hrs	0.017 Ah				
	4.817 Ah							
	CTOR (1.25)	1.204 Ah						
BATTERY TOTAL 6.021 Ah								
BATTERIES PROVIDED 7.00 Ah								



	WIRE S	CHEDULE
LINE TYPE	TYPE	CIRCUIT DESCRIPTION
	2C/#14 - FPL	NOTIFICATION APPLIANCE CIRCUI
<u> </u>	2C/#16 - FPL	SLC CIRCUIT (DATA) TWISTED PAI
	2C/#16 - FPL	INITIATION CIRCUIT
2C = TWO CON #14 = GAUGE ((G)

SH = SHIELDED CABLE

	SYMBOL LEGEND	
SYMBOL	DESCRIPTION	
FACP	FIRE ALARM CONTROL PANEL	
RACT	INTERNET AND DIGITAL CELLULAR COMMUNICATOR	
AS-BUILT	FIRE ALARM AS-BUILT DOCUMENT CABINET	
POWER	POWER PANEL	
CO2 UNIT	C02 CONTROL DISPLAY	
♠ XXX	ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR	(XXX = ADDRESS
E _{XX}	ADDRESSABLE MANUAL PULL STATION (XX=ADDRES	S)(DUAL ACTION
Z _{XXX}	ADDRESSABLE MONITOR MODULE (XXX = ADDRESS)	
M _{XXX}	ADDRESSABLE DUAL MONITOR MODULE (XXX = ADD	RESS)
(H) Cd S#	FIRE ALARM CEILING MOUNT HORN/STROBE	Cd=CANDELA S#=CIRCUIT#
Cd S#	FIRE ALARM CEILING MOUNT STROBE	Cd=CANDELA S#=CIRCUIT#
H _{S#}	WEATHER PROOF FIRE ALARM HORN/STROBE	Cd=CANDELA S#=CIRCUIT#
В	WEATHER PROOF SPRINKLER WATERFLOW BELL (B)	OTHER TRADES
<u>B</u>	REMOTE LED (BY OTHER TRADES)	
(D)=B	DUCT SMOKE DETECTOR (R=RETURN) (BY OTHER TR	ADES)
⊗	KITCHEN HOOD SYSTEM (BY OTHER TRADES)	
₩	SPRINKLER WATERFLOW SWITCH (BY OTHER TRADE	(S)
$\overline{\Diamond}$	SPRINKLER (DRY / WET) TAMPER SWITCH (BY OTHE	R TRADES)

