

## DISPLAY THIS CARD ON PRINCIPAL FRONTAGE OF WORK CITY OF PORTLAND BUILDING PERMIT



This is to certify that <u>SIMPLEX GRINNELL</u> <u>20 THOMAS DRIVE</u> <u>WESTBROOK, ME</u> 04092 For installation at 64 BLUEBERRY RD ECO MAINE

Job ID: 2011-03-576-ALTCOMM

CBL: 238- A-008-001

has permission to install master box fire alarm system

provided that the person or persons, firm or corporation accepting this permit shall comply with all of the provisions of the Statues of Maine and of the Ordinances of the City of Portland regulating the construction, maintenance and use of the buildings and structures, and of the application on file in the department.

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S STRATE ASKS

Notification of inspection and written permission procured before this building or part thereof is lathed or otherwise closed-in. 48 HOUR NOTICE IS REQUIRED. A final inspection must be completed by owner before this building or part thereof is occupied. If a certificate of occupancy is required, it must be

Fire Prevention Officer

**Code Enforcement Officer / Plan Reviewer** 

THIS CARD MUST BE POSTED ON THE STREET SIDE OF THE PROPERTY PENALTY FOR REMOVING THIS CARD BUILDING PERMIT INSPECTION PROCEDURES Please call 874-8703 or 874-8693 (ONLY) or email: buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the city of Portland Inspections Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

- Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.
- Permits expire in 6 months. If the project is not started or ceases for 6 months.
- If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue.

#### **Final Fire**

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OF CIRCUMSTANCES.

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.





Strengthening a Remarkable City, Building a Community for Life . www.portlandmaine.gov

Director of Planning and Urban Development Penny St. Louis

Job ID: 2011-03-576-ALTCOMM install master box fire alarm system For installation at: BLUEBERRY RD CBL: 238- A-008-001

### **Conditions of Approval:**

### Fire

The fire alarm system shall comply with the City of Portland Standard for Signaling Systems for the Protection of Life and Property. All fire alarm installation and servicing companies shall have a Certificate of Fitness from the Fire Department.

In field installation shall be installed per code as conditions dictate.

All smoke detectors and smoke alarms shall be photoelectric.

Records cabinet, FACP, annunciator(s), and pull stations shall be keyed alike.

All fire alarm records required by NFPA 72 should be stored in an approved cabinet located at the FACP labeled "FIRE ALARM RECORDS".

Installation of a Fire Alarm system requires a Knox Box to be installed per city ordinance.

The fire alarm system shall be certified by a master fire alarm company and have a new fire alarm inspection sticker.

System acceptance and commissioning must be coordinated with alarm and suppression system contractors and the Fire Department. Call 874-8703 to schedule.

Fire Alarm system shall be maintained. If system is to be off line over 4 hours a fire watch shall be in place. Dispatch notification required 874-8576.

A master box connection and drill switch is required. AES Zones shall be:

- 1. Water flow
- 2. City Disconnect: Water flow
- 3. Pull stations and detectors
- 4. City Disconnect: Pull stations and detectors
- 5. Not assigned
- 6. Not assigned
- 7. Not assigned
- 8. AES tamper switch

Master	Box	App	oroval
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		And in case of the local division of the loc
Applicant: John Hale	Emergency Contact: 24/7 facility	
App Phone #: 207-239-5100	Emergency phone #:	
Building Name: Eco Maine	Date of Application: 1/25/12	
Building Address: 64 Blueberry Rd	Billing Address: 20 Thomas Dr. Westbrook, ME 04101	
Occupancy: Eco Maine rear facility	Comments: Use office entrance	
Assembly OL>300, 20 unit apartment building, etc.		

Applicant completes red box and submits with Fire Alarm Permit

4	FIRE PREVENTION: Appro	ved C Denied	
	<u>5 / 21 / 12</u>	Douwally.	
	Date	File Prevention@fficer	
		Zone 2: <u>City disconnect – Water Flow</u>	
	Zone 3: Pulls and detectors		
	Zone 5: Unassigned		
	Zone 7: Unassigned		
	Modify City Box response to alarm sounding in C	AD: 🗆 YES 🖌 NO	
2	FIRE ALARM: Box #:		
	ELECTRICAL DIVISION:   Approved	Denied	
	Box Type: AES Radio Box / New	Other	
8	Test Date: / / In Service D	ate: / /	
		Fire Alarm To	echnician
	AES / Circuit if applicable:		
[]	FIRE ALARM: Same Running Assi	gnment As Box:	
4	Notifications:	Digitizer      Computer      Cad Box	Test
	□ South Portland □		
	Other	Dispatcher	
5	BILLING:   Entered		
	Fina	ncial Officer	

### City of Portland, Maine - Building or Use Permit Application

389 Congress Street, 04101 Tel: (207) 874-8703, FAX: (207) 8716

Job No: 2011-03-576-ALTCOMM #2012-15100 - FAFS	Date Applied: 1/26/2012		CBL: 238- A-008-001			
Location of Construction: 64 BLUEBERRY RD	Owner Name: ECO MAINE		Owner Address: 64 BLUEBERRY F PORTLAND, ME	RD		Phone:
Business Name: ECO MAINE	Contractor Name: SIMPLEX –( Steve)		Contractor Addr 20 THOMAS DR.,	ess: WESTBROOK, ME 0409	2	Phone: 329-8432
Lessee/Buyer's Name:	Phone:		Permit Type: FAFS			Zone: I-M
Past Use: Trash to Energy Utility			Cost of Work: \$135,000.00			CEO District:
Trash to Energy Curry	– to install a fire alar		Fire Dept:	Approved Denied N/A		Inspection: Use Group: Type:
			Signature:			Signature:
Proposed Project Descriptio 64 Blueberry Eco Maine	n:		Pedestrian Activ	ities District (P.A.D.)		L
Permit Taken By: Lannie				Zoning Approval		
			one or Reviews	Zoning Appeal	Historic Pr	eservation
<ol> <li>This permit application Applicant(s) from meet Federal Rules.</li> </ol>	ing applicable State and	Shorelan		Variance		st or Landmark
<ol> <li>Building Permits do not include plumbing, septic or electrial work.</li> </ol>		Flood Zone		Conditional Use	Does not Require Review Requires Review	
3. Building permits are void if work is not started within six (6) months of the date of issuance.				Interpretation	Approved	
False informatin may in permit and stop all work	•		Min Mat	Denied	Approved	w/Conditions

CERTIFICATION

Date

Date:

Date:

I hereby certify that I am the owner of record of the named property, or that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a permit for work described in the appication is issued, I certify that the code official's authorized representative shall have the authority to enter all areas covered by such permit at any reasonable hour to enforce the provision of the code(s) applicable to such permit.

SIGNATURE OF APPLICANT	ADDRESS	DATE	PHONE
RESPONSIBLE PERSON IN CHARGE (	DF WORK, TITLE	DATE	PHONE

	If you o within
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you or the property owner owes real estate or property taxes or user charges on any property thin the city, payment arrangements must be made before permits of any kind are accepted.

Fire Alarm Permit

ALLA.	
Eco MAine	238-4-8
Installation address: 64 Blue berry Rel	CBL: CBL
Exact location: (within structure)	2012-1-5008 Chra
Type of occupancy(s) (NFPA & ICC):	
Building owner: MARK DolloFF	
Must be System Designer (point of contact): <u>SimplexGrinnell</u>	steven C KalaFarski) wiat IV # 77524
Designer phone: (9787 731-7243	E-mail: Skak Farski @ Simplex grinnel /. Long
Installing contractor: RM Pearson Face.	_Certificate of Fitness No:
Contractor phone: (207) 329-8432	E-mail:
	v AES Master Box: YES NO O
Amendment to an existing permit: YES O NO Ø Per	nit no:
The following documents shall be provided with this application:	
Floor plans Scope of Work	COST OF WORK: \$ 135,000.00
Wiring diagram	PERMIT FEE: <u>4 1, 3 70, 00</u> (\$10 PER \$1,000 + \$30 FOR THE FIRST \$1,000)
Annunciator details X pdf copy (may be e-mailed)	
Input/ Output Matrix Designer qualifications	JAN 2 6 2012
Equipment data sheets X Battery/ voltage drop calcs	JAN 28 Long
Electrical Permit Pulled (check alarm/com)	Dept. of Building Inspections City of Portland Maine
Master box approval only: YES NO (If yes check New AES Master Box above)	City of the

The <u>designer</u> shall be the responsible party for this application. Download a new copy of this application at <u>www.portlandmaine.gov/fire</u> for every submittal. Submit all plans in electronic PDF in <u>addition</u> to readable 11 ½ x 17s to the Building Inspections Department, 389 Congress Street, Room 315, Portland, Maine 04101.

Prior to acceptance of any fire alarm system, a complete commissioning and acceptance test must be coordinated with all fire system contractors and the Fire Department, and proper documentation of such test(s) provided.

All installation(s) must comply with the City of Portland Technical Standard for Signaling Systems for the Protection of Life and Property, available at www.portlandmaine.gov/fire.

Date: 1-23-12 an Applicant signature:

Ori	ginal Recei	pt
	1/21	2012
Received from	Ke Ginn	
Location of Work	Etal BI	chang DC
Cost of Construction \$	Buildi	ng Fee:
Permit Fee \$	Sit	e Fee:
FIRE		ree: Total:70
Building (IL) Plumbing (I5) Other CBL: 233 A S		Site Plan (U2)
		ected \$ 1370
No work is to be Please keep orig Taken by:		

# ECOMAINE FIRE ALARM SYSTEM

### PROJECT

ECOMAINE 64 BLUEBERRY RD. PORTLAND, ME 04102

OWNER

ECOMAINE - REGIONAL WASTE SYSTEMS 64 BLUEBERRY RD. PORTLAND, ME 04102

### ELECTRICAL CONTRACTOR

R M PEARSON 232 OSSIPEE TRAIL GORHAM, ME 04038

## SimplexGrinnell be SAFE.

A Tyco International Company

20 THOMAS DR WESTBROOK, ME 04092

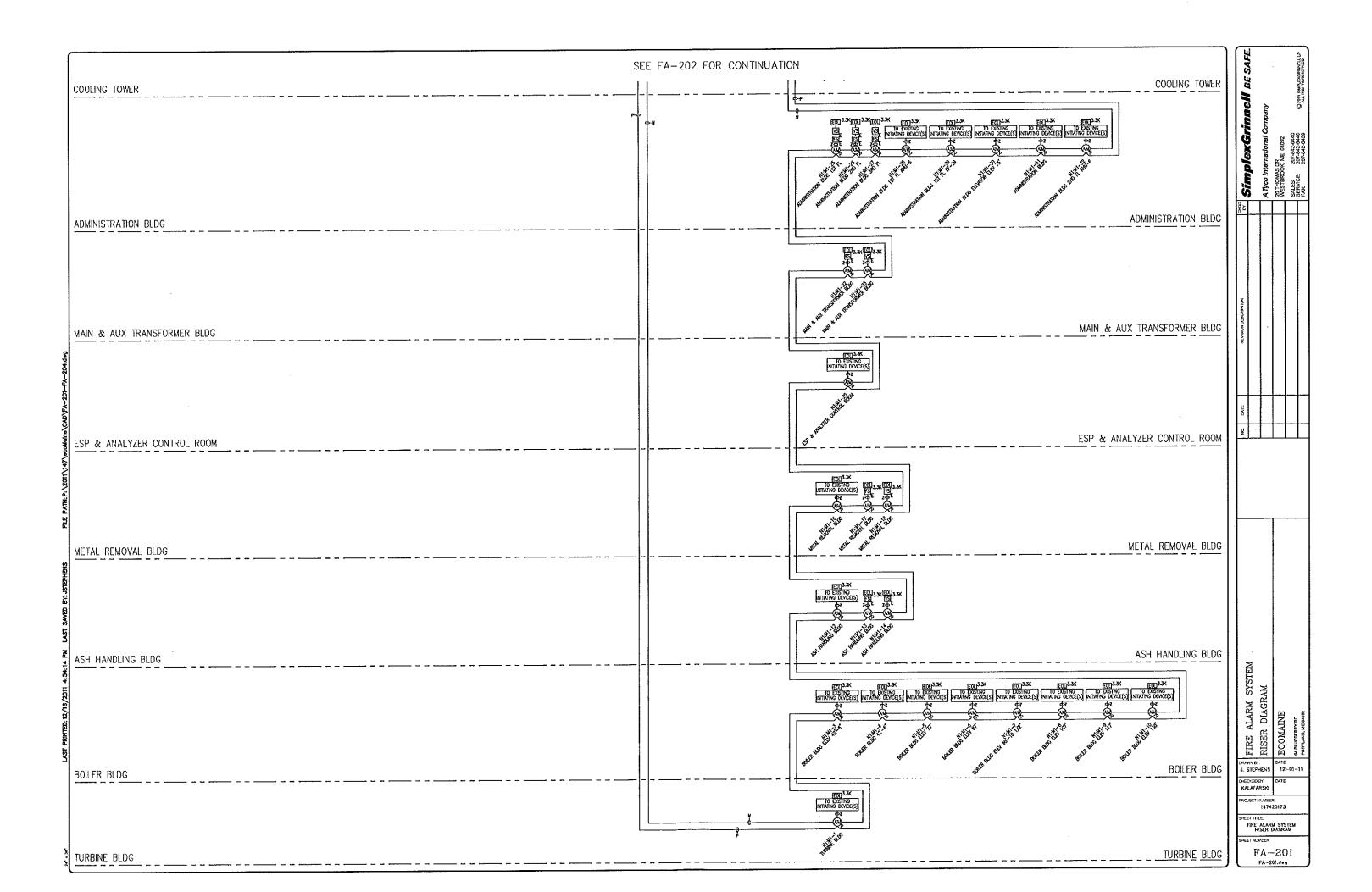
SALES:207-842-6440SERVICE:207-842-6440FAX:207-842-6439

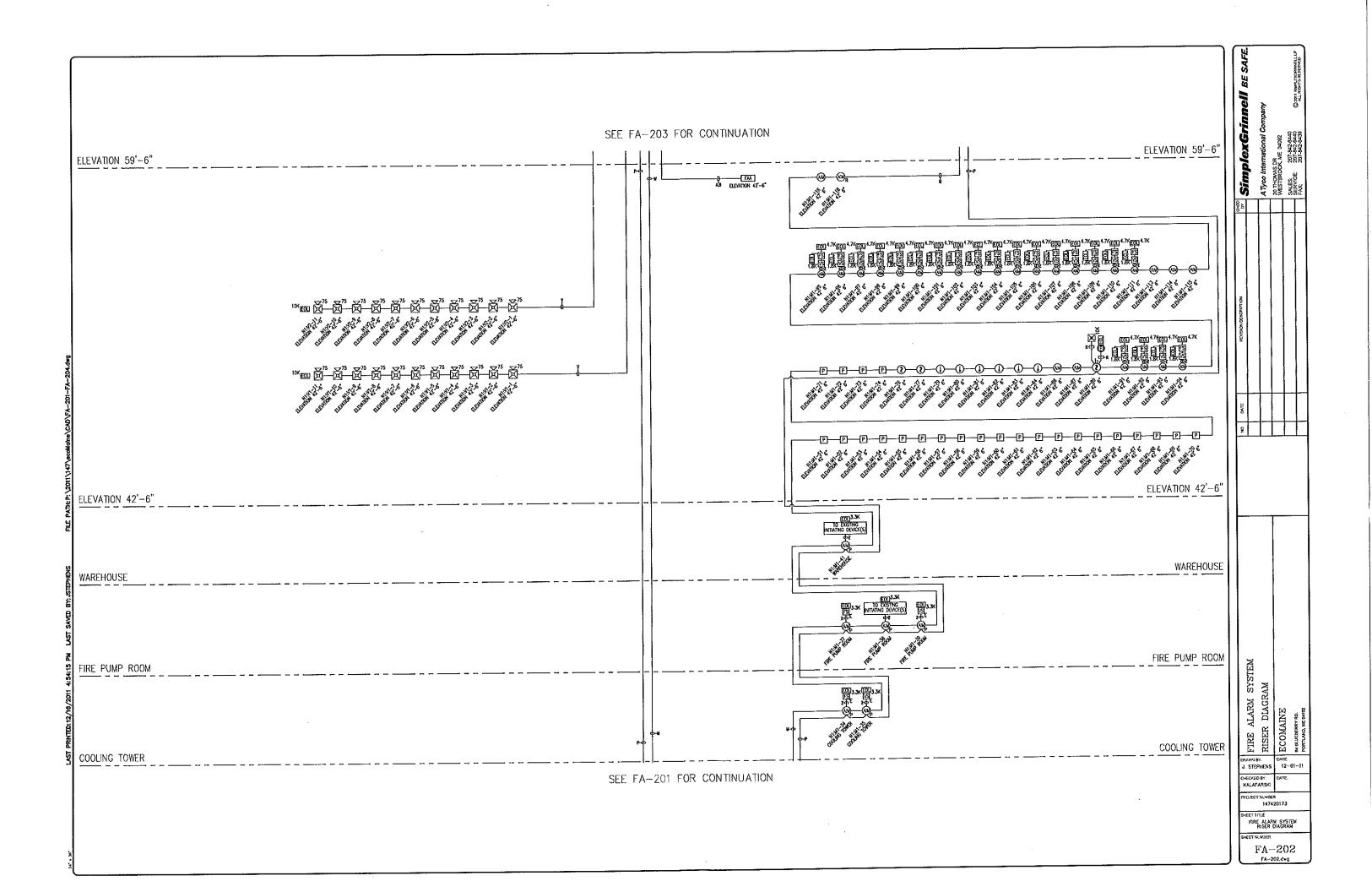
	DRAWING INDE
SHEET	DESC
FA001	COVER SHEET
FA-002	GENERAL INFORMATION S
FA-201	RISER DIAGRAM
FA-202	RISER DIAGRAM
FA-203	RISER DIAGRAM
FA-204	RISER DIAGRAM
FA601	CHARTS & CALCULATIONS
FA-602	CHARTS & CALCULATIONS
FA-701	DEVICE WIRING DETAILS
FA-702	DEVICE WIRING DETAILS
FA-703	DEVICE WIRING DETAILS
FA-704	DEVICE WIRING DETAILS

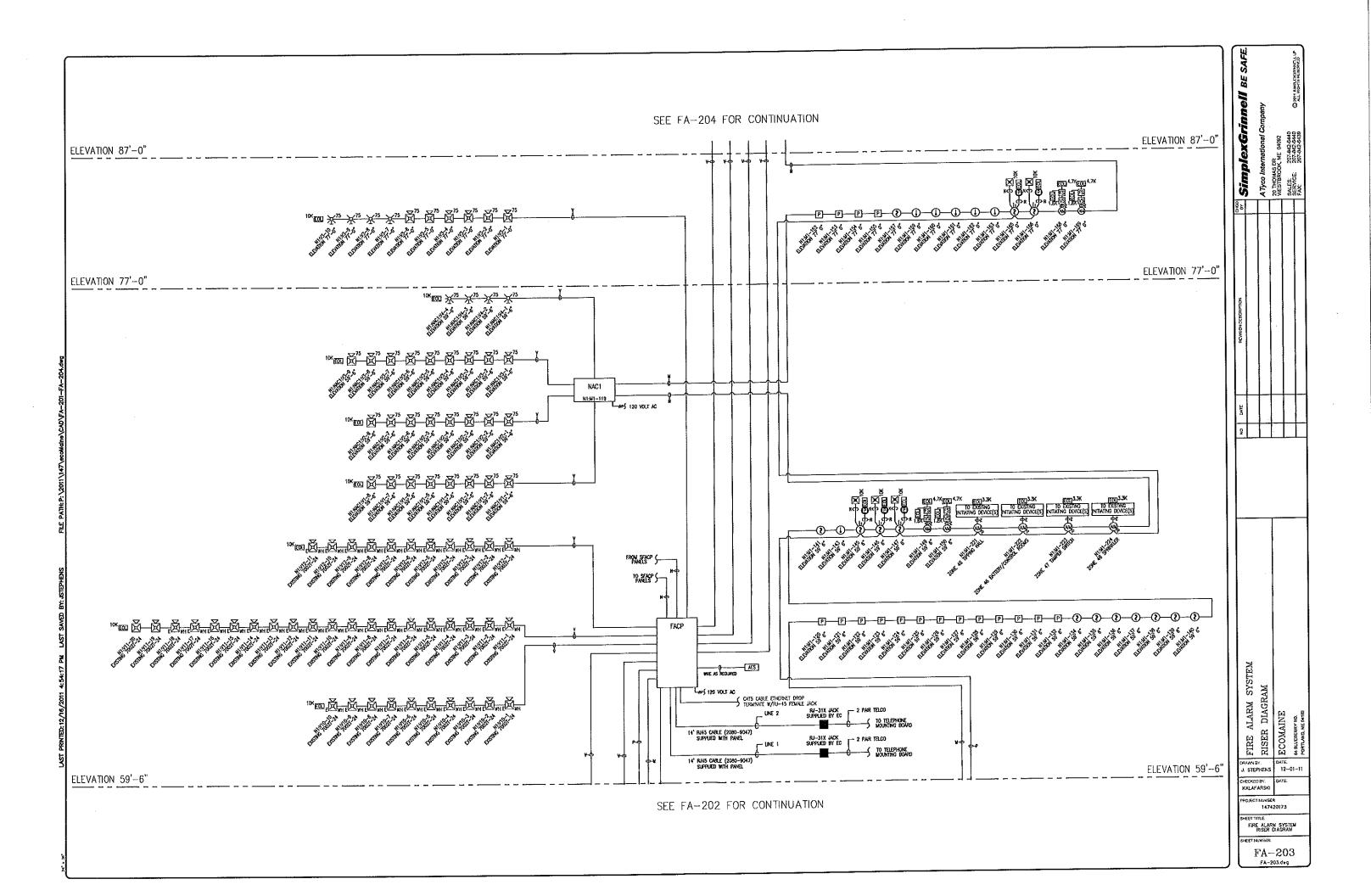
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				SYMBOL KEY		חה	44	S EB
GENERAL NOTES	SYSTEM DESCRIPTION / SCOPE OF WORK			STWDUL KLT		_   i	Ϋ́ΥΫ́Υ	ALTXORNAL
<ol> <li>THESE DEMANDS REPORT EMEMAL LOCATORS OF LIFE SAFETY EXAMINET A FILD DEVICES DATE ROUTING OF CONDUCTS TO BE DETERMED IN THE PEDD BY THE INSTULING CONTINUE TO SUIT CONDITIONS. ALL CHANGES SMULL BE CLEARLY ROUTING ON THE RECOME DATAMASS.</li> <li>SHOLD ANY CONDITIONS DEST THAT OFFER FROM HAIT IS NOLATED ON THESE DRAMASS MIGHT CLUSE WAOR DEVICIONS IN THE RECOMENDATION SHILL CONTROLLES VALUED SCIENCEL IN A TIMOT WAVER SO AS NOT</li> </ol>	QCOUPANOT TYPE: B BUSINESS GROUP			ARM SYMBOLS LEGET	· · · · · · · · · · · · · · · ·			D 2011 RIMS
DEVALUOS IN THE WORK SHOWN, THE CONTRACTOR SKALL CONTACT SAFELDEGRANDLL IN A THORY WANNER SO AS NOT TO MAPAR THE CONSTRUCTION SOBEDULE. 3. CONTRACTOR IS RESPONSED FOR WAINING AND DETAINING APPRIVAL FOR ALL NECESSARY ADJUSTMENTS IN CREATING AS REQUERED TO ACCOMMONANCE THE RELOCATION OF COMPARING AND/OR DEVICES WHICH ARE AFFECTED BY ANY		SYMBOL	DESCRIPTION	MODEL#	BACKBOX SLPPLED BY SMPLEXCRIMELL (ROTER TO MOUNTING DETAL FOR SPECIFIC DIMENSIONS)		luaduu	Š
AUTHORIZED CHANCE, ALL CHANCES SHALL BE CLEARLY INDICATED ON THE RECORD DRAMMOSS. 4. A STANDED SET OF APPROVED FIRE MARM DRAMMOSS SHALL BE AT THE JOB STE AND SHALL BE USED FOR INTRALITION	PROADE AND INSTALL A NEW AUTOMATIC AND MANUAL FIRE AARM SYSTEM AS SHOWN ON DRAMMICS. All wring to be cluss b. wring is still y for notification appliance circuits, still b for initiating device orcuits, and still 4 for solvand, due cruits.	(733)	FRE ALARM CONTROL PANEL W / SOMH BATTERY SET	SMPLEX 4100-9111 SMPLEX 2081-9295			onal Co	4082 2-8440 2-6440 2-6439
5. THE PONER DROUT TO THE FRE ALARM CONTROL UNIT SHALL BE ON A DEDICATED 1207, 20A CROUT BREAKER FOR EACH CABMER RECIRENCE AC PONER, NO SHALL HAVE A RED MARKING, LOOK-ON PROVISION AND SHALL BE DEDITIFED AS "THE ALARM DROUT CONTROL." THE LOODING OF THE CIRCUIT DISCUMENT VEWS (ORDIT BREAKER) SHALL BE PROMABILITY DENTIFED AT THE FRE ALARM CONTROL UNIT.	Automatic pre alarn system shall transmit the alarn, supervision? And trouble solvals to an approved supervising station. The supervisions station shall be used as either ulry or ulus indernations laboratory or shall meet the requirements of factory withly research approved standard 3011. Supervision of statem and leased telephone lines	SAG	FRE ALARM CONTROL PANEL W / 104H BATTERY SET	SMPLEX 4010-9101 SMPLEX 2081-9274	SLEPLED BY SWPLEXGRANELL		ematic	DR K, ME 04092 207-842-8440 207-842-8440 207-842-6439
6. UPDATE THE AS-BUILD RAWAYS SET DAY WITH YOB PROCESSS. RETURN THE AS-BUILD RAWAYS SET TO SUPPLYCENAMEL NO LATER THAN 7 DAYS AFTER FINAL TEST. 7. THE CONTRACTOR BUT LATATION AS LATES OF THE REDUX BY A NEXT AND WIRKUMN (REF MANSER.	REQUERTED TO ACTION WITH RESEARCH ANNAUL STATIAND JUIT. SOFTWARD OF STSTEM AND LEASED TELEPTONE LINES SWILL BE ARRAVED BY THE OWNER.		DESIGNATES THE NAC PAREL MANGER W / 6.2.AH BATTERY SET	SMPLEX 4009-9201 SMPLEX 2081-9272	SUPPLED BY SUPLEXCRANEUL		/co int	HOMAS STBROO STBROO
8. DO NOT APPLY POWER EXCEPT IN THE PRESENCE OF A FACTORY TRAVED SWILDGRAVELL TROATCAL REPRESENTATIVE. 9. ANY SWICE DETICTOR RED INSTALLED BEFORE THE BULDING IS CLEANED AND ACCEPTED SWILL BE COMPRED TO PROTECT FROM DUST. MY FASE ANALIS DUE TO DRY CONTAINING HEADS SWILL BE THE RESPONSEDINY OF THE REPLANEN INSTULLER.		[255]	RF SUBSCRIBER UNT	AES 7788	NCLUED	3		
<ol> <li>THE FRE ALRA INSTALLER WILL MANTAN THE FRE RESSUMCE INTERRITY OF ALL WALL, CELING, AND ROOF ASSEMBLIES ANT THE THAT WORK IS NOT ACTIVITY BEING PERFORMED.</li> <li>NSTALLADON OF DEVICES SHALL BE IN ACCORDANCE WITH MANAFAMILIER'S INSTRUCTIONS. POWER LIMITED AND NON-POWER LIMITED REDU WRING MUST BE INSTALLED WITHIN THE FACE ENCLOSURE IN ACCORDANCE WITH</li> </ol>		[FAL	SERAL LCO ANNUNCATOR	SHFLEX 4603-9101	6 SNOLE GANG BOXES 3 1/2" DEEP	5.0		
WANJECTURER'S INSTRUCTIONS AND INC. 12. ALL WEARS SHALL BE INSTALLED ACCORDANG TO INFPA 70 (NEC). 13. DRF MARY CONTINES SHALL BE DENTRED IN ACCORDINACE WITH APPROPRIATE SECTION OF INFC 760, WARK ALL FIRE		P	WANNAL PULL STATION	SMPLEX 4099-9003	SNALE GANG BOX 2 1/2" DEEP			
ALARM WRES IN ACCORDANCE WITH NEC 760 SECTIONS FOR POWER LIMITED AND NON-POWER LIMITED MRE. 14 TRE ALARM CARE INSTALLED IN OUCTS, FLENUM, AND OTHER SPACES USED FOR EMPROMENTAL AR SHALL BE TYPE COLD	FIRE ALARM APPLICABLE STATE CODES & STANDARDS	0	swoke sensor / base	SMPLEX 4098-9714 SMPLEX 4098-9792 BASE	4" OCTAGONAL BOX 1 1/2" DEEP			
15. FRE ALARN CARLE INSTALLED IN THE VERTICAL RURS IND PENETRATE WORE THAN ONE FLOOR OR CARLES INSTALLED IN VERTICAL RUNS IN SWITS SHALL BE TYPE FRIR. 16. FIRE ALARM CARLE INSTALLED IN UNDERSPOND CONDUCT OR OTHER WET LOCATIONS SHALL BE UL USTED FOR WET LOCATIONS.		Ø	heat sensor / base	SMPLEX 4098-9733 SMPLEX 4098-9792 BASE	4" OCTAGONAL BOX 1 1/2" DEEP			
<ol> <li>FRE AUAN CROUTS EXTENDING BETOND ONE BUILDING AND RUN OUTDOOR SHULL BE INSTALLED IN ACCORDANCE WITH INTRA 70 ARTICLES 760, 770, 725 AND 660 WHERE APPLICAGLE.</li> <li>ALL WRING, INCLUDING SHELDS MUST BE DRY AND FREE OF SHORTS AND GROUNDS.</li> <li>ALL WRING, INCLUDING SHELDS MUST BE DRY AND FREE OF SHORTS AND GROUNDS.</li> <li>ALL WRING, INCLUDING SHELDS MUST BE DRY AND FREE OF SHORTS AND GROUNDS.</li> <li>ALL WRING, INCLUDING SHELDS MUST BE DRY AND FREE OF SHORTS AND GROUNDS.</li> </ol>	<ul> <li>NTPA 101, 1997</li> <li>NATIONAL ELECTRIC CODE 2002 (NTPA 70).</li> </ul>		NEMIDUAL ADDRESSABLE MOCULE	SMPLEX 4090-9001	SINGLE GANG BOX 2 1/2" DEEP WITH COVER	N		
20. ONLY SYSTEM WRING CAN BE RUN IN THE SAME CONDUT. 21, 120/AC IS NOT FERMITED IN THE SAME CONDUT KITH LOW VOLTAGE WRING. 23 MIANTIN AD REPORTY CONTINUE IN LOW SE SEEN AND FEMILIENTERING.	ELEVITOR CODE ASHE A.17.1, 2000 ADDENDA A17.1.4, 2002	@ <del>-</del>	duct skoke sensor	S:MPLEX 4098-9756	MOUNT TO DUCTNORK	N DEBORIE		
23. EGGTING CONDUTS MUY BE USED BY THE INSTULATION CONTINUTOR AS DEDUCED NECESSARY, FOREVER, ANY EXISTING CONDUT MUL BE USED CAN'T FORDULTIS WEET UNRERHIT STUNATIONS AND CODES, SUFEDGRENELL MAKES NO STUTEMENTS WRITTEN OR VERBAL AS TO THE CONDUTION OF EXISTING CONDUTTS.		×	Rejkote test station W/ Led and key switch	SIMPLEX 2098-9806	SINGLE GANG BOX 2 1/2" DEEP	REVISIC		
	NOTE BULDNO CODES ARE ESTRALSHED BY THE LOCU. JURSDICTIONS. CONTACT THE JURDBETS HANNO JURSDICTION DIRECTLY FOR APPLICABLE CODE INFORMATION.	Ē	encapsulated relay	AR PRODUCTS PAN-50	SINGLE GANG BOX 2 1/8" DEEP W/COVER			
WIRE SCHEDULE	ABBREVIATIONS LEGEND	() ()	RELAY HW	SWALEX 4090-9002	4" SOURCE BOX 2 1/8" DEEP W/TWO GANG COVER W/1905-9337 ADAPTER SCHT WHEN SURFACE WOLATED			
FIRE ALARM WIRE LIST     A WALMAY FORD DRUM - 2 CONDUCTOR 14 AND SOLD     A WALMAY FORD DRUM - 2 CONDUCTOR 14 AND SOLD     A WALMAY FORD DRUM - 2 CONDUCTOR 14 AND SOLD     A WALMAN ANTER FORD     A WALMAY FORD DRUM - 2 CONDUCTOR 14 AND SOLD     A WALMAN ANTER FORD	AC = ABOYE CELLING HT = HEIGHT C = CELLING MOUNTED HYAC = HEATING, VENTILATION, & AR CONDITIONING E = NOTING TO REMAIN TSW = REVENTE MORE STATION	<u>م</u> '	wall, wount wulti-candeda a/V red	SHFLEX 4906-9127	WAYD-3937 ADAPTER SCREWER SURFACE MOUNTED			
	RC = EXISTING TO REPOVE AND COVER UXX = WAX3AUN RD = DOSTING DEVICE TO BE RELOCATED UAN = MANAM RL = RELOCATED DEVICE N/A = NOT APPLICABLE RR = REJONGE DISTING AND REPLACE W/NEW NAC = NOTIFICATION APPLICABLE ON A = NOTIFICATION APPLICABLE OF OUT EXTENDER		# =CANDELA RATING HORN/STROBE	WHEELOCK 70027-24				
FIRE ALARM WIRE LIST A WOULD FORE CRUIT-R CONDUCTOR 14, 70 SUD A WOULD FINIA RATE FIRE CONDUCTOR 14, 70 SUD PADC 43471842 HARC 43471842	WP = WEATHERPROOF         NOU = NETWORK DSFLVT UNT           XP = DAFLOSON PROOF         NEC = NATIONAL ELECTRICAL CODE           ADA = ALERCANS WITH DISABUTY ACT         NFA = NATIONAL FREE PROTECTION ASSOCIATION		E = EXISTING TO REMAIN WEINEREDIRARY	SMR:52046900374245	NSTQLESE BROKESHINGADERNINGANORGANS COVER			
B         RU/AZ         COMMUNICATION         FILE         PAGE         ASTITUDE           B         RU/AZ         COMMUNICATION         - 1 FAR         TRE AND USE         SEA           B         RU/AZ         COMMUNICATION         - 1 FAR         TRE AND USE         SEA	AFF = ABOVE FNISHED FLOOR NC = NOT IN CONTRACT ALU = AUTHORITY HAVING JURISDICTION NCU = AETIGORY PROCESSING UNIT ALM = ALASM ALM = AUTHORITY HAVING JURISDICTION ALM = ALASM AND = ANDIMODATOR PAP = PRE-ACTION PANEL	<u> </u>	E= EXISTING TO REMAIN TAMPER SWITCH	Suppled by Others	INSTALLED BY MECHANICAL CONTRACTOR			
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C CITY CONNECT CARCUT - 2 CONSUCTOR 18 ANG SOLD NON-PROMIN RATE: FUR PAGE 45470345 C ARC 45470345 REAL 454705 REAL 45470	CSFM = ČALIFORNÁ STATE FRE MARSHALL SURV = SUPERASORY DET = DETECTOR TAC = TRUEALENT ADDRESSABLE CONTROLLER DCP = DATA CATHERING PANEL TROL = TROUBLE EOL = DED OF LARE TS = TAMPER SWITCH							
L K REWERT DET SMITCHED GROUT - (2) 2 CONJUCTOR 18 AND SOLD K NON-PLOWE RETURN FOR CONST ONLY TRY FLOWER RATE FPLP PLOW RATED: FPLR (2) 108 Mar (1992/1990/M) PLOWER 740132	EÕO = DUERCENCY POMER OFF TP = TYPOL FACP = FRE ALARI CONTROL PAVEL UON = UALESS OTHERMISE NOTED FACP = FRE ALARI TEURINE, CABINET VOCE COMAND CENTER							
AREA=0.0204 SQ. NCH (2) TIB ARG (WHTE/ORANGE) AREA=0.0141 SQ. NCH	FBO = FURNSHED BY OTHERS     VS = VLAUS SUPERNSORY SWITCH       FCC = FREE COMMAND CENTER     WF = WAITER FLOW       FAA = FREE ALSW ANNUNCATOR     W = (cg. 1/2m) MATT       FTR = FREE ALSW TRANSPORDER     W/ = WTH							
M WARELYDDIET CROUT - 1 PAR 16 ANG TWSTED OVERALL SHELD WON-YCHIN RUED: FPL NON-PLDIW RUED FDR PLDIW RUTD: FPLP PAGE 70/15 PAGE 70/15 PAGE 70/15 PAGE 70/16 AREA-0.0196 50, NOH AREA-0.0196 50, NOH	ESD = FIRE SMORE DAMPER W/G = WITH OUT DEVICE ADDRESSING LEGEND		SEOL	JENCE OF OPE	RATION			
92         182-403         COMMENCATION         FUEL         1 PAR         18 AMC         MISE         COMMENCATION         TEND         MISE         M	DEVICE ADDRESSING LEGEND			ONTROL UNIT ANNUHOATION NOTIFIC				
P WATHET/DIVET POWER CREDIT - 2 CONDUCTOR 14 ANG SCUD     NON-PEDNUM RATED: FPLP     NON-PEDNUM RATED: FPLP     PAGE 43431448     PAGE 43431448     PAGE 43431448	ADDRESSABLE CARD (DINET OR MAPNET)				£7////////////////////////////////////			
ANDA#00034 30, MUN	N1:M2-1							
AREA=0.0380 SQ. INCH /14 AWG TP (BLACX/RED) AREA=0.0333 SQ. INCH AREA=0.0394 SQ. INCH							Z	
Z         V MSUL/SOLUL CRCUTT         2 CONDUCTOR 14 Arg SOLD         Provide Conduction           8         V MSUL/SOLUL CRCUTT         2 CONDUCTOR 14 Arg SOLD         Provide Conduction         Provide Conduction           4         MON MARCE PLAN         CONDUCTOR 14 Arg SOLD         Provide Conduction         Provide Conduction           4         MON MARCE PLAN         CONDUCTOR 14 Arg SOLD         Provide Conduction         Provide Conduction           4         MON MARCE PLAN         CONDUCTOR 14 Arg SOLD         Provide Conduction         Provide Conduction           4         MON MARCE PLAN         CONDUCTOR 14 Arg SOLD         Provide Conduction         Provide Conduction           4         MON MARCE PLAN         CONDUCTOR 14 Arg SOLD         Provide Conduction         Provide Conduction           4         MON MARCE PLAN         Provide Conduction         Provide Conduction         Provide Conduction	(NTER APPLICAGE) V-VSUAL OR A/V, H-AUDIBLE (NLY) NODE DESIGNATOR DESIGNATOR N1:NAC1:V2-1						SYSTEM PORMATION	
	VISUAL AUDIELE OR ANY DENCE	SYSTEM INPUTS SNOKE SENSOR/DETECTOR 2 MANUE PULL STATION N HEAT SPASOR DETECTOR					- r- 1	
PARCE 45473UARE (2) [15 ANG (1210H/BUE) PARCE 454740ARE AREA=0.0272 50, INCH AREA=0.0022 50, INCH AREA=0.0222 50, INCH CONDUCT SIZE CONDUCTOR AREA CONDUCT SIZE CONDUCTOR AREA	- CIRCUIT DESIGNITOR V=VSUL OR A/V, H-AUDIBLE (NRY)	11 SNOK SASKAPATELING 11 SNOK SASKAPATELING 21 WAMU PUL STATCH 31 HEAT SASKAPATELING 31	*         *         *         •				ALARM RAL INF	19 19 19 19 19 19 19 19 19 19 19 19 19 1
TO         Z CONC CROUT - 2 CONDUCTOR 16 AVG SCUD.         PLONUM RUED: FILE         PLONUM RUED: FILE <td>NODE DESIGNATOR</td> <td>3 GROUND FALT 9 NOTIFICATION APPLIANCE ORDUT 10 WRE-TO-WRE SHORT</td> <td>•         •</td> <td></td> <td></td> <td></td> <td>FIRE ALA GENERAL</td> <td>ECOMAINE 44 BLUEDERRY RD. PORTLAND, ME 04102</td>	NODE DESIGNATOR	3 GROUND FALT 9 NOTIFICATION APPLIANCE ORDUT 10 WRE-TO-WRE SHORT	•         •				FIRE ALA GENERAL	ECOMAINE 44 BLUEDERRY RD. PORTLAND, ME 04102
THE CABLES SPECIFIED HERE ARE FOR REFERENCE OF REQUIRED ELECTRICAL CHARACTERISTICS AS WELL AS CODE REQUIREMENTS. ALTERNATE SUPPLIERS MAY BE SUBSTITUTED PROVIDING EQUIVALENT	WSWL NOBLE OR AN DENCE							
CHARACTERISTICS ARE MAINTAINED. ITEM'S SUCH AS CAPACITANCE BETWEEN CONDUCTORS AND WIRE GAUGE CAN BE CRUCAL TO THE CIRCUIT DESIGN OF THIS SYSTEM INSTALLATION.		15 16 17				]   [ .	WY BY. STEPHENS	DATE 12-0111 DATE
		16 19 20 21				K4	ALAFARSKI	
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		26 27 28					FIRE ALARM CENERAL IN	W SYSTEM VFORMATION
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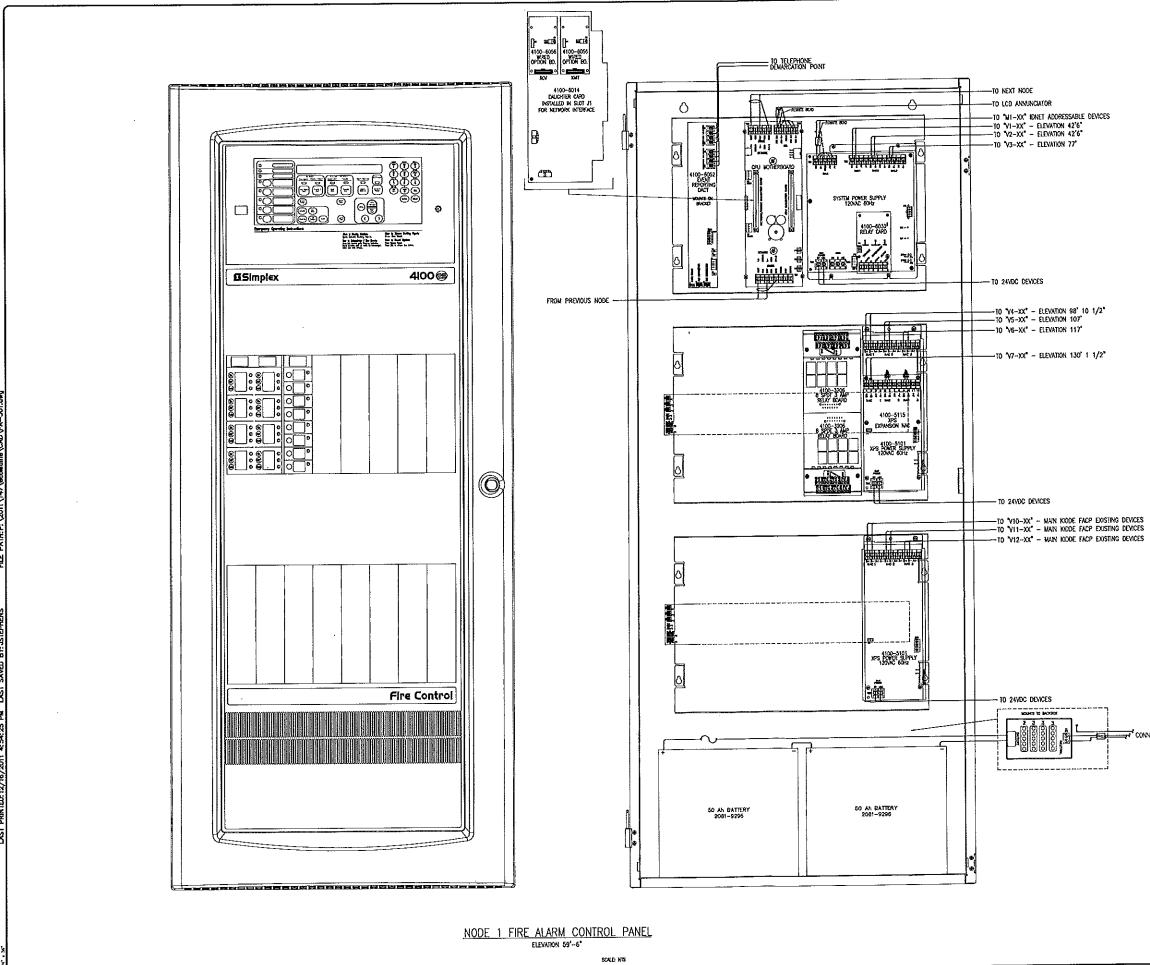






ROOF	10KEE Z <sup>75</sup> Z <sup>75</sup> Z <sup>75</sup> Z <sup>75</sup>	E E C O O O O O O O O O O O O O O O O O
ELEVATION 130'-1 1/2"	10KEE Z <sup>75</sup>	P         P
ELEVATION 107'-0"	$10^{K} \boxtimes \boxed{\boxtimes}^{75} \boxtimes \overset{75}{\boxtimes} \overset{75}{\boxtimes$	
ELEVATION 98'-10 1/2"	$10^{10} \underbrace{10^{10}}_{10} 10$	
ELEVATION 87'-0"	10× EOD 275 275 275 275 275 275 275 275 275 275	FA-203 FOR CONTINUATION
LAST PRINTED: 12/16/20		

ROOF	<b>SimplexGrinnell</b> BE SAFE	A Tyco International Company	20 THOMAS DR WESTBROOK, ME 04002	SALES: 207-842-6440 @point matericonity in a	- 1
- @R 	NOLLESCIPOT NOSIATER				
ELEVATION 117'-O"	ND DMTE				
ELEVATION 107'0"		<u>.</u>	1		
ELEVATION 98'-10 1/2"					
elevation 87'-0"		PHENS 0 BT. ARSO 1470 1470 THE RISER UMBER	DATE R 2017. DIAGR	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	PORTLAND, ME 04102



		A Tyco International Company	AE 04092		1-842-6438 NL RIGHTER REVERVED
	duic	A Tyco Inter	20 THOMAS DR WESTBROOK, ME 04092	SALES: 207-842-6440	PAX-
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REVISION DESCRIPTION					
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	TRE ALARM SYSTEM	ANEL WIRING DETAIL	COMANE		M BUJEDRRYY RD. Portland, me okicz
- -	RAAN B L STEP	р., N HENS	تعليد ۲۸۰۵ ۱۱ و	E Z-01	
ŀ	HECKEL KALAF	DBY. ARSKI	DAT	ε	
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CONNECT TO 120VAC 50HZ

Adves	Device Type	Point Type	Location Description		456		KATER			
613/1-1 515/1-2	NO.24M	ne	TURGINE BLOG	1 1 1	7 8 7 7 2 2		81311-126 81311-127	ADRPAL ADRPAL	PUL PUL	ELEVATOR 58
N1341-2	1452AH	nre.	SOLER BLOG DLY 4Z-6"	1111.		🕫 i	B15(1-125	ANTERA	คน	ELEVATION 55
315/1-4 K15/1-5	NGZAN NGZAN	FIRE	SOLER BLOG ELEV 42-8"		친진		\$15(1-12) \$15(1-130	AGREVIL ADREVIL	<u>901</u> 901	ELEVEN 22 (
k1:k1~6	MSZAN	ne	BOALER BLDG ELEY 87		1 3 3 1 3 3 1 3 3 1 3 3	1	K13/1+131	ADRPAL	PUL	ELEVANOR 39
k13/1-7 k13/1-8	MSZAN MSZAN	FRE	BOALR BLDS ELEV 95"-10 1/2"				81-81-132 81-81-133	ADRAUL		BEARDS 59' 4
h151-9	N92NH	FRE	BOILER BLDS ELEV 117	1		112	N1:01-134	PH070 PH070	34042	BENITON ST
1/33/1-10 81:5(1-11	MESNA	FPE	BOVER BLCC ELEY 130'	1 1 1			KT:W1-136	P+030	3042	ELEVICION ST
8121-12	VEZ4W	FFE	ASH HANDLING BLUG	<b>T F I</b>	₹ r x	1 1 2	81:01-137 81:01-135	PH070 PH070	34048	ELEVATOR 55
N1.91-13	NOTAN Notan	NATER 50	ASH HAROLING BLOG ASH HAROLING BLOG				h1341-139	PH070	SADE	DENTON 55
N14/1-15	HEZAN	FIRE.	NETAL REVOKE BLOG	1 1 1	z z z		NT-01-143 K13(1-141	PH070 PH070	3008 3008	ELENATION 59
N1.W1-16 N1.W1-17	NSZAN NSZAN	NATER	NETUL REVONE BLOG		1 2 1 2 1 2 1	*   *   <sup>30</sup>	5121-142			
613(1-18 513(1-19	NEZAN	- 50	NTA ROAN ALS		1 2 1	1 1 <sup>3</sup>	\$151-143 h15/1-144	DEAT	HEAT	ELEVANCH 59
N1:#1-20	MEZANI	FIRE	ESP & ANALYZER CONTROL ROOM	11111	1 F 1 1	\$   <b>7</b> ( <sup>3</sup>	819/1-145 819/1-148	RACO RACO	\$0,07 \$0,07	ELEVERON 59 ELEVERON 59
h13(1-21	49249	WATER	NAM & AUT TRANSFORMER BLDG	1 1 1 1	, 1 , , 1 ,	ului# i	k1#1-147	RPHC70	\$2,51	ELEVISION 54
kt #1+23	¥924K	50	NAM & ALT TRANSFORMER BLOG	211	1 x x	1 2 3	#1341-145 b1341-145	P.W	1/50	ELEVATION 58'
81341-24 31341-25	VBZAX	150	Achievestration blog 1st fl	1 1 1	11 <sub>1</sub>	1 3	BT301-150	W.	W30	ELEVATION 55
N1.N1-26	NSZAM NSZAM	150	ADRENSTRATION BLOG 240 FL	1111.	* * *		B1301~151 B1301~152	ADRPUL	RUL	anvon TT
N13/1-28	1492AW	DUCT	ACHINESTRUCK BLOC 1ST FL A-10-5	1.1.1	1 2 2		\$141-153	ADEPUL	AUL AUL	ELEVERON 77
h141-29 h141-30	ngzan Ngzan	700 2002	ADMINISTRATION BLOG 1ST FL EF-29 ADMINISTRATION BLOG BLEWWOR BLEV 75'		1 I I 1 I J		M14/1-154 315/1-155	ADRPUL ADRPUL	RUL	GLONGA 77
N1:N1-31	NEZAN	RUL	ACMINISTRATION BLOG	1 N N	1 2 1	2 2 3	h13r1-156 h13r1-167	24070	SADE	EDWOR 17
h1:#1-32 h1:#1-33	VSZAW	1000	ACHINESTRUTION BLOG 2ND FL AHU-6	12 1 2 1 2		a 1 1 <sup>34</sup>	B141-156			
h141-34	1924	ACTR	COOLING TOWER	2 2 2		1,134	N13/1-159 Rt3/1-150	OHEAT	HEAT HEAT	ELEVATION IT
*1:01-35 *1:01-35	1924¥		COOLING TOWER			1 1 2	h141-161	067	E	ELEVATION 77
N1341-37 N1341-38	NOZAL NOZAL	NATER FIRE	FRE PUMP ROOM FRE PUMP ROOM	_ F+   ∓   ∓			N1-N1163	OHEAT OHEAT	HEAT	BENERON IT
\$1#1~39	162748 163248	50	FRE PLAP ROM	1111	2 2 2	1 2	K13/1-154			
341341-43 \$1341-41	NOZAM	SVOKE	10401USE	1 1 1	* 1 <sup>2</sup> 7 2 <sup>2</sup> 7 1 2	Σ K <sup>(34</sup> ) Σ K <sup>(36</sup> )	51501-165 N1201-166	894070 894070	SOUCT	ELEVATION TT
b1st1-42					1 2 1	1 3	\$15(1-167	-	MS0	
N15/1-43		-				🕫 1	\$1511-168 \$1521-169	200	150	ELEVENCE IT
N16/1-45	·			12 1 1	1 1 1	5 × <sup>30</sup>	N13(1-170 513(1-171	ADRPUL	PUL	ELEVICION 87
h13/1-45				3 1 1		1 1 2	ki ±1-172	AJRPJL	PULL	ELEVATION ET
\$1:31-48				111	1 3 1 1 1	1 1 3	R1:41-173 h1:41-174	ADRPUT. NACAPT	PUL SONA	ELEVATION 87 ELEVATION 87
81541-49 81341-50				1,121.	1.14   X	134	k1:M1-175	OEX	HEAT	ELEVATION 87
h1#/1-51	ADRPUL AGRPUL	PALL	ELEVATION 42' 6"	T T	<u>x</u>	1 3	61.81-178 61.91-177	OFEAT	HEAT	ELEVATOR 87
N1:61-52 N1:61-53	ADRPUL	PUL	ELEVATION 42' 6"	1 1 1	1 I I	1.1 35	81317-178	OFAT	HEAT	ELEVATOR 87
11591-54 N1301-55	ACRPUL ACRPUL	PUL PUL	ELEVATION 42' 6"	2 1 1	2 2 2	1 9	615/1-179 515/1-180	OHEAT	HA.	1
N1±1-55	ACRIVIL	PULL	ELEVANON 42 6	- In In In	X   X   X		#1341-181 \$1341-182	ADRPUL ADRPUL	RUL	ELEVATION 95 ELEVATION 95
N1.6/1-57	KORPUL KORPUL	PULL	ELENCION 42' 6'		1 1 1	7 7 05 7 7 35	\$14(1-183	ADRPUL	RUL	ELEVITION \$8
h1±1-59	KR94	RUL	ELENCIA 42 6	11	111	1 1 31	61311-164 81311-165	ADRIPUL	RUL	ELEVATION ST
N1341-60 N1341-61	ACRPUL	RUL	ELENDON 42' 6"	11.1	111	2 7 2	1111-184	0-64	₩ĸ	ELEVATION SO
N1#1-82	ADRPLE	RUL	ELEVENA 42' 6"	1111	1 X X X X T	3 7 3	813/1-187 813/1-188	DIEAT DIEAT	HEAT HEAT	ELEVICION SS ELEVICION SS
h13/1-63 813/1-64	A38741 A36743	FUL FUL	ELEATION 42' 6'	t   t   t	1   r   1	11:12	\$51-DEF	OFER	héat	ELEVATION \$\$
N15/1-65	NAM	PJU.	ELENATION 42" 6"	121212	1 1 1 1 7 7		#1±1-190 51:41-191	OFER	HEAT	ELEVATION 58
1:1:1-65 8:1:21-67	ACRPUL ACRPUL	RUL RUL	ELEVATION 42' 6'	바지=	t z i z i z	1 1 2	F1:11-192	ADRPUL	PUL	ELEVENCE 197
1131-6	ADRPUL ADRPUL	RUL RUL	ELEVATION 42' 6" ELEVATION 42' 6"	1 1 2	111		N1311-193	ADRAU	PUL	ELEVATION 107
1341-69 N1441-70	ADRPUL	PUL	ELEVATION 42" 5"	1.1.1	1 1 1 1 <u>1</u> 1 1 <u>1</u> 1 1 <u>1</u> 1	1,0	61.41-195	ACRPUL	RUL	ELEVATION 167
N13c1-71 N13c1-72	ADRPUL	PUL PUL	HENDON 42' 6'		* = =	1 05	5127-197	DHEAT	HEAT	DENADON 187
11:11-73	ADRPUL	PUL	ELEVADOR 42' 6"	11.	7 I I 7 I I	1 30	61.61-155 61.3/1-199	ADRPUL	PUL	ELEVATION 117
11311-74 N131-75	ADRPUL	Put	ELENATION 12' 5"	-	1 x x 1 x z	1 1 1 1 <b>1</b> 1	N141-200	AXPRUL	PULL	ELEWICS 117
Ni#1-76	PH030	SHORE	ELEANDR 42 6	1001	1 1 1 1 1 1	*  <sub>1</sub>  ≱≊	61.51-201 31.511-202	ADRPUL	PUL	ELEVATION 117 ELEVATION 117
N1.9(1-77 N1.9(1-75	PHOTO	SACKE	E.E.N.COR 42' 6'	1.00	1 1 1	1 . ×	N141-203			
51±1-79	0-60	HEAT	ELEXNOX 42' 5'			1 2 24	h1±1-204	CHEAT	HEAT	ED4308 117
N141-83 N141-81	D#D D#D	HEAT HEAT	ELEVER 62' 5'	1 1 1 1	1. 1.	1 2	M1#1-206	ADRPUL	PUL	ELENTICS IN
M14(1-82 M14(1-83	OHEAT OHEAT	HEAT NEAT	ELEVITION 42' 6' ELEVITION 42' 6'	1111	1 <sup>1</sup> 1 1 <sup>1</sup> 1	11,121	R1:41-207 R1:41-208	ADRAUL ADRAU	PUL PUL	ELENNON 130
61.01-64	0 EAT	HEAT	ELEVATION 42' 6"			1 13	N13/1-209	ADRPUL	PULL	EDATON 12
N1.9/1-85	NH	HEN	ELEVATION 42' 6"		<u>₹</u>   <sup>≭</sup>  ;		B1.81-210 B1501-211	Pr070	306	DEVERON 133
N15/1~87	24	HEAT	EEVATION 42' 6"	111	2 2 1		81301-212 61301-213	8070	SKOE	ELEVATION 133
N141-68	89-070	SOUCE	ELEVATION 42" E	1 I I I	1 x x	1 3	N1.01-214	OEX	HEAT	DENTON 130
M1521-943				-11	1 1 1 1 1 1 1 7 1	1 1 1 3	\$1:01-215 \$1:01-216	RIAM	PRIMARY	ELEVATION 130
N151-91 N1541-92	NN NN	NSO NSO	ELEVADOR 42' 6' ELEVADOR 42' 6'	1.1.17	7 3 4	12   v   34	5141-217	RIAN	ALTERN	BENER 13
81341-93 81341-94	141 161	150	ELEASON 12' 6'		111		\$1±1-218 \$1±1-218	RIAM	RRELAY	ELEVATION 130
N1381-94	92	1150	HENRICA (7 6	TIM	11,	1 1 2	\$141-220			ZONE 45 TIPP
\$1:41-95 h1:41-97	142	150	ELENTION 12" 6"			2 2 3H	81:41-221 B1:41-222	MBZAM MBZAM	FIFE	TONE 45 BATT
\$1:81S8	1924	150	ELENTICA 42' 6"		11		814/1-223 813/1-224	149243 149243	50 WATER	70NE 48 599
N134199 N1341-100	NA NA	1/50	BENCON 42' 6'			3 g (3) 3 g (3) 3 g (3) 3 g (3) 4 g (3) 4 g (3)	313(1-225	ROCKE	10.00	100 0 310
N111-101	14,11	150	ELEVATION 42' 6"	1		1 1 2	8141-226 8141-227			
N1.N1-102 N1.N1-103	P.M.	¥50 ¥50	ELENNER 42' 6'	1111	1.1.1	11 10	M1:x1-228		1	
A141-144	NH NH	1/50	ELEATON 42' 6'		1 1 1	1,3	N1±1-228	· · · ···-		
h1±1-105 h1±1-106	RM MA	1150 1150	ELEADOR 42' 6' ELEADOR 42' 6'	11 11	1 2 1 2 1 2	1 1 2 1 20 1	8181-231		1 .	
6141-107	P.M P.M	#50 #50	ELENDER 42' 6'		2 2 2	1 0	N1:01-232	1.		
	PM PM	150	BLEWATION 42" 6"	12 1 1 1	5	111.19	N1.91-234	1	·	
h15/1-108 M15/1-109	iAM HLM	#50 #50	ELENCION 42' 6"	* * *	2 1 2	1 3	\$1.41-255 \$1.41-255	-	L	+
N1%1-109 61%1-119	NA N	-		2 2 1	1 2 2 2	I	\$1117-237		[	1
N1%1-109 81341-119 81341-111 81341-112		FPAP FPAP	ELENATION 42' 6"	- I I I.	2 2 2		\$1.41-230 \$1:41-239	-		
M13/1-109 813/1-110 813/1-111 813/1-112 813/1-113	PM NO	1 10.4	ELENATOR 42 6	111	11-1-	tile	\$1±1-240		1	
N1%1-109 81341-119 81341-111 81341-112	193 294	FP.WP	BOATON 47 5							
N1341-109 81341-119 81341-111 81341-112 81341-113 81341-113 81341-114 81341-115 81341-115	144		ELENATION 42' 6"				h1.01-241 h1:01-242			. L.
Misri-109 61541-119 81541-119 81541-111 81541-113 81541-114 81541-115 81541-115 81541-115 81541-117 81541-117	949 949 949 849	FPUMP FPUMP RRELAT	ELENATION 42' 6"			2 2 30 2 2 30 1 2 30	\$1311-242 \$1311-243			
Mari-109 61341-119 81341-111 81341-113 81341-113 81341-113 81341-115 81341-115 81341-115 81341-115 81341-115 81341-115 81341-115	RAU 2017 2017 2017 2017	FPJMP FPLMP RRELAY SIGNAL	ELENATION 42' 6" ELENATION 42' 6" ELENATION 54' 6" NAC FAVEL				N141-243 1131-243 1131-245 1131-245			
Misri-109 histi-119 histi-111 histi-112 histi-112 histi-112 histi-113 histi-113 histi-113 histi-114 histi-114 histi-116 histi-118 histi-118 histi-118 histi-128 histi-128	NA NA RAM NAC421 ADRPUL ADRPUL	FPUMP FPLMP RRELAY SCOAL PULL PULL	ELENTION 42 6" ELENTION 47 6" ELENTION 51 6" NC PAREL ELENTION 50 6" ELENTION 50 6"			2 2 2 2 2 2 2 2 2 2 3 2 3 2 3 2	N1911-242 N1911-243 N1911-244 N1911-245 N1911-245	-		
Misti-105 bisti-110 Afsti-111 bisti-111 bisti-113 bisti-114 bisti-115 bisti-116 bisti-116 bisti-117 bisti-117 bisti-117 bisti-117	RAM RAM RAM RAC425 RAM	FP.MP FP.MP RRELAY SOVA PUL	ELENATION 42' 5" D.D.A.TION 42' 5" ELENATION 55' 6" NAC PANEL D.D.A.TION 55' 5"				N141-243 1131-243 1131-245 1131-245			

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126	ADRPAL ADRPAL	PUL PUL	ELEVAJOK 55' 6" ELEVAJOK 55' 6"	2									
125	ANGRA	ิณ	ELEVATOR 59 6"	2 2 2 1 1			H	1	1	1		ļ,	
123	ADRPUL ADRPUL	<u>901</u> 901	BENTON 55' 6"	÷	Ŧ	1		1		1	h	t,	
131	ARPAL	Pull	ELEVADOR 59' 6"										
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157	Pr0%0	34046	ELEVATION 55' 6"	1	ł	-	1	:	ŀ	ł	ť	1	
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145	MAN MAN	1/50 1/50	ELEVATION 58' 6"	3	23	1	ŀ	1	ľ		ł	ļ	-
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152	ACRIPUL ACRIPUL	<u>ялт</u> 8лт	1514708 77 0° 1244708 77 0°	-#	7	*	12		ľ	1	+		-
154	ADRPUL	RUL	ELEVADOR 27' 0"	Ŀ	*	ī	7	X	ţ	1	1		
155	ADRPVL	RUL	BLONTON 77 6"	Ľ	1.	1	24	12	1.			Ţ	
167	የዝርጥን	SMOVE	EDWOR 17 0"	11	۱.	11	18	Iz	ь	e la	ŧI.	38	~
158		LIFT	2 DHTO: 17 A	1	ŀ	1	ŀ	1	1	4	1		ж 55
152 153 154 155 156 156 158 158 158	CHEAT	HEAT HEAT	ELEVATION IT 0"	1	1	T	t	Þ	ľ	j	1	3	*
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163	OHEAT OHEAT	HEAT	ADVOR IT C	t	2	1	f	ť	t	¢	1	*	<b>3</b>
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171 172	ADRPUL ADRPJL	PUL PUL	ELEVATION 67" 0" ELEVATION 67" 0"	f	f	Ħ	f	1	ť	i	1	Ŧ	30
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(74 175	NC4PT OFEN	SIGNAL HEAT	ELEVATION 87' O' INC FANEL ELEVATION 87' O'	-	2	ŀ	ħ	ť	ł	ŧ	+	1	34
176	OFEN	HEAT	ELEVATION 87 0*	1		1	ŀ	ľ	T	ľ	4		3
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165				ţ	f		Þ	1	1	1	i	1	34 26
184	OHENT OHENT	HER HER	ELEVATION \$6' 10 1/2' ELEVATION \$5' 10 1/2'	1	ľ	+	l, li	Щ	╢		•1		8 B
187 185	OFEAT	HER	ELEVATION \$5 10 1/2	1	T.	P	ų,	ų p	ч	A	• 1	1	¢∎ .
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199 -191	OHEXT	HEAT		ľ	ľ	T	T	(T	r	r I		1	3
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-199 -200	ADRPUL ADRPUL	PUL	EEWTCA 117 0 *	-	1.	ı ta	. 11	ч,	.	z 1	•	F.	S
201	ADRPUL	PUL	ELEVATOR 117 0				11	<b>1</b> 1	"	11	*		а Л
202	ADRPUL	PJLL	ELEVATION 117' 0 *	_	P	T,	- II	1					
204	CHEAT	HEAT	ELENATION 117" 0 "			ł		1	4				91
205 206	ADRPUL	PULL	ELENATION 130" 1 1/2"		f	t	ф	đ	ł	X R	Ľ	*	2
207	ADRAUL	PUL	10 D H D / 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	+	÷	t	÷	t	H	-			1.0
205 205	ADRPUL ADRPUL	PULL	ELEVEN 130" 1 1/2" ELEVEN 130" 1 1/2" ELEVEN 130" 1 1/2"	ť	ť,	ť	1	ł	·	×	1	É	2
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-211 -212	P+070 P+070	3/0/6	815/07/09/197/11/2" 815/07/09/197/11/2"	j,	t	ť	t	ł	•	ž	i	Ē	2
213													
214 -215	O-EAT	HEAT	ALENVION 135' 1 1/2'	-	þ	þ	đ			1	Ī	É	
216	RIAM	PRIMARY	ELEVATION 130' 1 1/2" PRIMARY RECALL ELEVATION 130' 1 1/2" ALT RECALL	Ŀ	Į	φ	Ŧ	4	-	1	1	F	a Z
·217 ·218	RIAM	RREAT	ELEVATION 130 1 1/2" SAUNT DRP	t	ť	ť	1		•	i K	3	F	* *
-218	RAN	RRELAY	ELEVATION 130 1 1/2" FIRE HAT	-ľ	ľ	+	H	4	4	<u>.</u>	1	÷	5 7 5 7 7 5 7 5
-220 -221	LIB2AM	FIFE	ZONE 45 TEPPING HALL	ľ	ť	t	đ	đ	•	i	Ľ	*	3
222	LISZAN	FRE	TONE 45 BATTERY/CONTROL ROOMS ROME 47 THAPER SWOOT	ſ	ď,	f	ļ	¥	ļ	Į,	ľ	f	2
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-236 -237 -238 -239 -240 -241		1		-1'	H	ł	4	H	2		•		2
-236 -237 -238 -239 -240 -241 -242							2		ī	-	1		3
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	JJE1 7	07 (1956 FA2	Scholy	3 otal	Astra	Istat
	~	Description	School	Total Scencer	Astra Content	Total Norm
Wolds.	07	5400 \$100				
and Equipment	1		בערנים	0.3730	0.4700	0.4700
4100-5111		1100 DAFG. DDAFS"C 1224 DGANSON PAR SUPPLY (DPS) - 1224C 60-2	0.0500	0.1000	0.0570	0.1000
4100-5101	2 T	NETHORY & CARD, MIRED	0.0450	0.0450	0.0450	0.0450
4100-6014	2	NETWORK NEDA CARD TRED	0.0559	0.1103	0.0550	0.1100
4190-5054 4190-5033	1	A GN REAT	0.0150	0.6150	0.0370	0.0370
4100-3206	ž	8 REU/75 - 3 RSP	0.0150	0.0300	0.1922	0.3830
4100-1250	1	S SKROL & RED LED SCOULE	0.0000	0.0000	0.02+3	0.0243
4100-1255	1	HOA WOULE WITH 24 SWEDNES AND 24 RED LEDS	0.0243	0.05+2	0.0240	0.0240
4100-2153	1	NOICHTOR ONLY, 3 BAY GLASS DOOR	0.0000	0.0000	0.0000	0.0009
4109-6062	3.	DANT REPORTING DACT	0.0390	0.0300	0.0400	0.6430
4100-1284	1	64/64 LED/SHITCH CONTROLLER	0.0290	0.0200	0.0200	0.0200
4100-1279	13	2" BLANK DISPLAY WOOLLE	6.0000	0.0000	6.0000	0.0000
4100-0634	1	POWER DISTRELATION MODULE 120V	0.0000	0.0000	6.0390	0.0000
4100-1294	1	LED/SWECH SLOC-IN LAGE, KT		0.0000	0.0000	0.0000
4100-2300	2	ECFANSION BAY (PHASE 10 ONLY)	0.0000	0.0250	0.0250	0.0250
4109-\$115	1	EDFANSON NAC HORAE - 3 NACS Ford Table	0.0250	0.2733	74124	1,2760
Net Addressocial (	*****	(5.0)	·······			
4099-9003		OVET DOUBLE ACTION PULL STATION "	0.0000	0.0000	0.0000	0.0000
4050-9001	31	ONET SUPERVSED VAN	0.0990	0.0000	0.0000	0.0000
4090-9002	5	DNET RELAY INN **	6.0000	8.0000	0.0000	0.0000
+090-5101	36	DHET GLASS & NONTOR ZAN	0.0000	0.0000	0.0003	
4095-9714	13	TRUEAURAN PHOTO SWOKE SENSOR	0.0090	0.0000	0.0000	0.0000
4098-9733	25	PREVERSI HEAT SERVICE SERVICE AT A REAL DUTENT IN	0.0000	60000	0.0000	0.0000
4092-9758	ě.,	NOODIN STOL SHOLE AS ANY IN THE CALL	0.0000	0.0000	0.0000	0.0000
4009-9201	2	TACH LINES INC EXTENSION, 120 TH	0.0000	0.0000	0.0003	0.0000
4058-1712		PREACHER SUNSCR BASE 24 rices That May Require System Foret				
4395-9843	6	SICKESTINED RELAT PAH-SD	0.0000	0.0000	0.6153	0.0500
4295-9755	5	TRUEALAPH DUCT SHOKE SENSOR W/ RELAY OUTPUT	0.0030	0.0183	0.0150	0.0900
4503-\$101	1	SERAL LCB ANNUNCATOR	0.0450	0.0450	0.2000	0.2000
4290-\$101	38	IONET QUASS & MONTOR ZAW	0.0150	0.5760	0.0720	25920
otification Applicati			0.0000	0.0000	0.1853	0.7442
4908-\$101	4	V/0 N-C HOM-ADDRESS, RED, BALL 75 A/V N-C HOM-ADDRESS, RED, BALL 75	0.0000	0.0000	0.2210	9.7242
4906-9127	44	WEELOCK ADBLE/STROE	0.0000	8.0000	0.0633	2.5630
70021-24	41	Feigheral Totals		0.6392		16.0230
		RU Tatais	1	0.0035		0.0035
			6 Addressee Total Standby	0.1422	Total Acro	01774
Current dras in	ctuded or min	under "Davice Addresses Used" (See "Additional Current Drovs") in current is included in the alors current of the initiating Davice Grouit.	Had school	1.5577	i Hanat Martin	11.41%
Samira datas		mes Nois Amplifer dams current on failure.				
<ol> <li>2-zire celact</li> </ol>	w ens	tes man serpice which contact at the series			Asta	
<ol> <li>2-zire celact</li> </ol>	W C15		Standby	Standby		Aora Tetel
<ol> <li>2-xire detact</li> </ol>	W. C41		Standby Current	Standby Total	Quiet	Total
<ol> <li>2-xire detact</li> </ol>	R. CJ1	Bolliery Set #1 (Cobinet/Onanger #1) Select AL Power Supples on this bottery set		,	Ornert	Total 8.3089
<ol> <li>2-zire celact</li> </ol>	<b>R</b> , C82			Total 0.7180 0.3470	Current .	Total 8.3083 4.9720
<ol> <li>2-xire detact</li> </ol>	<b>A</b> , 693	Bottery Set [1 (Cobinet/Organer ]) Select AL Poser Supples on bill bottery let: SPS-1	Current	Total 0.7180 0.3470 0.3470	Current	Total 8.3089 4.9729 4.0199
<ol> <li>2-zim detect</li> </ol>	R. CI12	Bothery Set J1 (Cobinet/Degree J1) Select AL France Suppler or bit betwy set: SPS-1 2PS-2 195-3	Current Sub Tota	Total 0.7180 0.3470 0.3470 1.4120	Ornest	Total 8.3089 4.9729 4.0199 17.2593
<ol> <li>2-zire celact</li> </ol>	R. CI1	Bothery Set J1 (Gebiet/Denser J1) Select AL From Septies on bit befory set SP3-1 225-2 105-3 Motione Control Denser RM General Perform Content 1	Current	Total 0.7180 0.3470 0.3470 1.4123 = 0.0038	0.01987t	Total 8.3089 4.9729 4.0190 17.2592 = 0.0035
<ol> <li>2-zire celact</li> </ol>	<b>A.</b> CI1	Entry Set (1 (cebint/Durger fi)) Select AL Forew Supples on bits bottom set: 575-1 175-2	Current Sub Tota	Total 0.7180 0.3470 0.3470 1.4120 = 0.0032 = 0.1422	0.0035 x 0.0035 x 0.005597	Total 8.3089 4.9729 4.0190 17.2599 = 0.0035 = 0.1774
<ol> <li>2-zire celact</li> </ol>	<b>A.</b> C41	Bothery Set 11 (Cobiet/Dogram 11) Select AL Ferrer Septer on Nik bottory Int: 375-1 125-2 Notice Control Dogram RU Connected Perpheral Darker 1 W-PET/Day Derice Advances orders / 128	Current Sub Tota + 0.0035 + 0.000759 Sub Tota	Total 0.7180 0.3470 0.3470 1.4120 = 0.0032 = 0.1422	Current - - 0.0035 - 0.00597	Total 8.3089 4.9720 4.0190 17.2592 = 0.0035 = 0.1774 17.4759
<ol> <li>2-xire detact</li> </ol>	<b>A.</b> C41	Bothery Set 11 (Cobiet/Dogram 11) Select AL Ferrer Septer on Nik bottory Int: 375-1 125-2 Notice Control Dogram RU Connected Perpheral Darker 1 W-PET/Day Derice Advances orders / 128	Current Sub Tota + 0.0035 + 0.000759	Total 0.7180 0.3470 0.3470 1.4120 = 0.0032 = 0.1422 1.5577 = 0.0000	Current . 0.000597 . 0.000597 . 0.000597	Total 8.3089 4.9720 4.0190 17.2592 = 0.0035 = 0.1774 17.4753 = 0.0000
<ol> <li>2-xire detact</li> </ol>	A. C.12	Bothery Set 11 (Cobinet/Digner 11) Select AL Forev Septer on Nik bottory Int: 375-1 275-2 Motioned Correct Dense RU Connected Perpheral Concert 1 Motion (Day Denice Adversars ordered 1 and 178 Space observable point copicity Cit 0 Standay Trate - 24, Jen	Current Sub Tota 1 0.0035 1 0.00759 Sub Tota 1 200759 Tota 1 1.5577	Tota 0.7180 0.3470 0.3470 1.44125 = 0.0005 = 0.1422 1.15577 = 0.0005 1.15577 = 0.0005 1.15577 = 37.3648	Current - - - - - - - - - - - - -	Total 8.3089 4.9720 4.0190 17.2599 = 0.0035 = 0.1774 17.4793 = 0.0000
<ol> <li>2-zire celact</li> </ol>	<b>4</b> . 622	Bothery Set 11 (Cobinet/Digner 11) Select AL Ferer Septer on Nik bottory Int: SPS-1 25-2 25-3 Mational Control Dense RM Generated Peripheral Darken 1 Meter/Intel Frée Advense orders / tool 178 Space addresside point appoint (X 0 Standay Trate = 21 Hen North Trate = 3 Kin	Current	Total 0.7180 0.3470 0.3470 1.4122 = 0.0002 = 0.1922 1.5577 = 0.0007 1.5577 = 37.3644 33.8411	Conerk x 0.00397 x 0.000997 Standay An Acom An	Total 8.3089 4.9720 4.0190 17.2599 = 0.0035 = 0.1774 17.4793 = 0.0000
<ol> <li>2-zim detect</li> </ol>	<b>4</b> , 692	Bothery Set J1 (Cobinet/Degree J1) Select AL Ferer Septer on this bottory inte SPS-1 25-2 105-3 Mational Control Dense RM Generated Peripheral Denker 1 Method Darket Advantar order / taxet 1/2 Space addresside point appoint (X 0 Standay Trate = <u>24</u>	Current Sub Tota 1 0.0035 1 0.00759 Sub Tota 1 200759 Tota 1 1.5577	Total           0.7180           0.3670           0.3670           0.3670           1.4120           = 0.0035           = 0.1422           i 1.5577           = 0.0002           i 1.5577           = 37.3642           37.3642           - 0.0002           38.5411           - 0.0033.86411	Current x 0.00397 x 0.000977 x 0.00077 x 0.00077	Total 8.3089 4.9720 4.0190 17.2599 = 0.0035 = 0.1774 17.4793 = 0.0000
<ol> <li>2-zim detect</li> </ol>	<b>4</b> , 642	Bothery Set 11 (Cobinet/Digner 11) Select AL Ferer Septer on Nik bottory Int: SPS-1 25-2 25-3 Mational Control Dense RM Generated Peripheral Darken 1 Meter/Intel Frée Advense orders / tool 178 Space addresside point appoint (X 0 Standay Trate = 21 Hen North Trate = 3 Kin	Current	Total 6.7180 0.3670 0.3670 1.4120 = 0.0032 = 0.1422 1.5577 = 0.0007 1.5577 = 37.3548 739-1.5547 34.541 - 0.0007 - 0.0007	Current	Total 8.3089 4.9720 4.0190 17.2599 = 0.0035 = 0.1774 17.4759

	10 1112 10000										PO	4906-9127	4906-5127	4958-9127		49069101	4908-9101	4905~5101	4905-9101	73027-2
collaine 4100ES NODEL FACP 4100es FACP	VULAR DATA										Condeix		Sied A/V	75ct	11/3cd	1501	Sice V/0	75cd V/0	115cd ¥/0	NN
FRE RESISTANCE FASED ON TABLE & FROM	NAMES OF STREET		<b>ANDAR</b>	a so o	COPPER	TRE) 6 6	5 Centra				Device Type			4/4	- **	¥/Q			0,000	a.000
SHE RESISTANCE BACKY OF PALLS & MARKING	MARKE LILOUID		Fer								ipe. Gement	8.0009	6.0000	0.0009	61000	0.9300	0.0000	6.6090 6.1859	0.2520	0.063
											en tonad	Q.0759	0.1160	0.2210	0.2850	0.0600	0.0940	0.1050	1.2320	0.003
	Power	Plant	Jut. (5)	¥.vi	Nes Res.	Total	V. Orsp			Min Davice	Max.									1
OTIFICATION CIPCUIT DESCRIPTION	Supply	Ot				Non (4)		C End	Drop	Voksse	Distance			11	{ ····					
LEVATON 42'6		11/1	211					16.003			211 R		<u> </u>	11			1			
LEVATION 42'6		51.2		1430				16.003			241 71		ŀ · ·	6			1	+		
LEVENON 77		h1:V3		1490				15.001			581 12									
LEVARION \$8" 10 1/2"		ats4		1490				15.575			561 R		1	1			1			-
107 SEATON 107		atas	58%					15.999			581 FL		<u> </u>		l		-			
LEVELON 117		11.16	58%					15.575			581 FL		<u>+</u>							
LEVELON 130 1 1/2"		813/7	52					15.999							+					
FAE		81.VS		14%				18.000			0 R		ŧ				1			
FATE		81.45		142				18.000			613 FL				1			1		10
AN KODE FACE EXISTING DEVICES		\$1,710						16.000			408 PL				1		1	1		20
WAN KODE THOP ELISTING DEVICES		2011					2.595				741 ft				<del> </del>			1		11
KAN KODE FACP EXSTING DEVICES	XPS-3	<b>A1 VI2</b>	1 741	14%	0.0025	0.60	1 3000	16.000	1 10./23	I I I I I I I I I I I I I I I I I I I	1 1 1 1 1 1	L	<u> </u>							

NOTE SAW METHOD NES USED TO EXCLUSE ALEMANEL VELING (FOR, T.S. METHOD ALEMAN FOR A SAWL MARKN LWC SAW METHOD NES USED TO EXCLUSE THE ATAME ASSULDE DECUT ROLLING MAY OFFEN FROM HAVE & SCHWA ON THE SAW DEMANDA. F THE ATAME DECUT LUNGH & COMO TO DECED THE NAMEWA ALEMANE ORDUT LUNCTA (CONVENTION LED OFFENT OFFENT OFFENT.

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E SimolovGrinnell RE SAFF		A Tyco International Company	Z0 THOMAS DR WESTBROOK, ME 04082	SALES: 207-842-6440	
RETWOIN DESIGNATION					
DATE					
	FIRE ALARM SYSTEM	CHARTS AND CALCULATIONS	VINR.		RY P.D. WE 04102
DR	AANE	E CHART	E RCOM	Ē	PORTLAND, ME 04102
E K	ECYEL	ARSK	DAT	E	
L	OJECT	147	ER 42017		
sH C			RM ST		i novs
The second secon		FA FA	-6 601.d	01	

Vache	0y	Securition		Standby Current	Total Standay	Norm Current	Total Aignet
onal Equipment							
4309-9251	1	4009 DHET NIC EXTENDER, 120 VAC		0.0350	8 0850	0.1850	0.1550
			Panel Tetais		0.0650		0.1653
stitution Applica	ces						
1908-9101	1 +	Y/O H-C MON-ADDRESS, RED, WALL	75	0 0000	£.0000	0.1650	0.7443
1955-1127	18	A/V 14-C HON-ADDRESS, RED, 14%L	75	0.000	0.0000	0.2210	5.5250
		Peri	șteral Totale		0,0000		8.2693
			Ru Totais	0	6.0000		0.0000
Currant draw in	duted	profer "Device Addresses Used" (See "Addriand Curra	et Diset 🗍	Total Standay	0.6850	(stai Aanno	6.4543

	Standby	Sendry	Korn	Aarea
Botten Set [1 (Cabinet/Charger [1)	Curnet	Totai	Cared	Total
Select ALL Form Supplies on this bottomy det				
4009		0.0650		0.4543
	T¢ta	f 0.0850		6,4540
Standby Time = 24 Him	2 0.0850	= 2.0400	Sanday An	
Karm Time = 5 Ma	D.68333 x 8 45	4 = 0.5378	Aorm An	
		2.5778		
Additional Spars Capacity = <u>Ot</u>		+ <u>0.0000</u>		
		2.5775		
Bottery Discharge Fector = 20%		L 0.5155		
Minimum Battery Required 2061-9272 4	i.24H (24)	3,0934		
Buttery Supplied 2001-9272 (	2स (क)			

Module	05	Description	Sanday Carrent	Total Standby	Aora Current	Total Asrm
el Equipment						
4310-9101	11	FACE 250FT AND IN 125Y BODE	0,1950	0.1950	0.2950	0.2155
4010-5517	1	4120 NETHORIK CARD MODULAR	0.0243	0.0240	0.0240	0.0245
4010-9518	2	4120 85455 MEDA CARD	0.0470	0.6940	0.0470	0.0943
4010-5826		122N AUX RELAY KT	6.0003	0.0000	0.0000	0.0000
4010-9830	T i	SUP RELEASING APPLIQUE KT	0.0000	0.0000	0.0000	0.0000
1010-1000	- L	Ford Totals		0.3130		0.4130
		Peripheral Totals		0.0000		0.0009
		RUI Totota	0 Tatal Standby	0.0000	Total Agra	0.0000
traced under	-en (355	men Nain Amplifier eleven current on failure.	Standby	Surdy	Aora	Aum.
treed who	-en (33)					
trace and	-e (35	Buttery Set #1 (Cobinet/Disreger #1)	Sandty Current	నిహాట్సా Total	Nors Correct	Norm Total
	-e (3)	Bottery Set 11 (Cobinet/Diorger 11) Select ALL Forer Supplies on this bottery ect.				
trand and	-e (35	Buttery Set #1 (Cobinet/Disreger #1)		Total 8.3130		Total
	-e= 135-	Bottery Set J1 (Cobinet/Dorger J1) Solid AL Form Supples as this bottery set. 4310 Additional Commit Dorge	Current Sub Tota	Total 8.3130 8.3130	Context	Total 0.4133 0.4133
		Builay Set [1 (Orbite/Durger [1] Seed AL Pour Suples on this boltary set 4110	Current Sub Tota 2 8.0535	Total 8.3130 8.3130 8.03130 = 8.0000		Fotal 0.4133 0.4133 0.4130 = 0.0990
		Bottery Set J1 (Cobinet/Dorger J1) Solid AL Form Supples as this bottery set. 4310 Additional Commit Dorge	Current Sub Tota	Total <u>6.3130</u> 8 0.3130 = 0.0000 0.3130	Correct.	Total 0.4133 0.4133
under a par	e (3)	Bottery Set J1 (Cobinet/Dorger J1) Solid AL Form Supples as this bottery set. 4310 Additional Commit Dorge	Currant Sub Tota <u>x 0.0035</u> Tota x 0.3133	Total 0.3130 = 0.0000 = 0.0000 = 0.3130 = 2.5120	Correct # 0.0035 Standby Ab	Total 0.4130 0.4130 0.4130 = 0.0000
		Bettery Set J1 (Cethine/Deager J1) Select AL Pour Supplets on Dis bottary net 4310 Additional Correct Deager Ril Corrected Pargheral Orives 0	Current Sub Tota s 0.0535 Tota	Total 0.3130 = 0.0000 = 0.0000 = 0.3130 = 2.5120	Correct # 0.0035 Standby Ab	Fotal 0.4133 0.4133 0.4130 = 0.0990
		Bettery Set <u>11</u> (Colord/Durger <u>11</u> ) Select AL Four Supples on this bottery tet 4:10 <u>Additional Coursel Danse</u> Rill Connected Peripheral Danies 0 Standby Test = <u>24</u> , iva	Correct Sub Tota x 0.0035 Tota x 0.3153 0.08333 x 0.41	Total 6.3130 6.03130 6.03130 6.03130 6.03130 8.75120 3. = 0.0314	Correct # 0.0035 Standby Ab	Fotal 0.4133 0.4133 0.4130 = 0.0990
		Bettery Set <u>11</u> (Colord/Durger <u>11</u> ) Select AL Fore Supplies on this bottary set. 4310 <u>Additional Control Datase</u> Rul Control Peripheral Devices <u>0</u> Standby End <u>2</u> <u>24</u> lym Arm Time <u>24</u> lym	Correct Sub Toto 2 0.0035 Toto 2 0.03133 0.08333 2 0.41	Total 0.3130 0.3130 = 0.0000 0.3130 = 7.5120 3 = 0.0544 7.5454 - 0.0000	Correct # 0.0035 Standby Ab	Total 0.4133 0.4133 0.4133 = 0.0000
		Bettery Set <u>11</u> (Colord/Durger <u>11</u> ) Select AL Four Supples on this bottery tel. 4310 <u>Additional Control Dates:</u> Rill Control Peripheral Devices o Standby Tark = <u>24</u> iva Acom Tire = <u>.5 Min</u> . Addited Spore Departy = <u>cr.</u>	Correct Sub Tota <u>1 0.0035</u> Tota 1 0.3153 0.08333 <u>1 0.41</u>	Total 0.3130 0.3130 = 0.0000 0.3130 = 7.5120 3 = 0.0544 7.5464 - 0.0000 7.5464	Correct # 0.0035 Standby Ab	Total 0.4133 0.4133 0.4133 = 0.0000

ELEVATION ST'-6" MIANC PAREL 4009 INC VOLTICE	DROPS										P0	4306-9131	4306-5101	4906-9101	4905-3161	4905-9127	4905\$127	4906-5127		70021-24
											Condeis	15:4	30ed	7504	119cd	15cd	33cd	75cs	11964	
WRE RESISTANCE BASED ON TABLE & FROM INCOME	ELECTRIC.	L CODE	ANON	ed sour	COFFER	12.9E) 0 60	Celsius				Device Type	t v/⊽	v/o	¥/0	v/o	AV .	- A∕¥	<i>\</i> /i	- AV	- **
			•								Sape. Current		0.0000	0.6000	9.0000	5.0000	0.0093	0.0000	0.0000	0.0000
											Kom Current	0003.0	0.0943	0.1860	9.2520	2.0750	0.1150	0.2210	0.2850	0.0633
	Form	Pica	[5.1 句]	i i i i	¥n Ra	Total	V. Drtp	¥\$R	s Vot	Min Devic								1		1
NOTIFICATION ORCUFT DESORIFTION	Sepply	De.	Fart			(A)				Vokoce	Distance							-		I
ELEVATION 56'-6"	4009	MAN.	27.	1496	0.0023	1764			15.771		250 R							8		I
ELEVATION 55'-6"	4009	11.12	290	14 je	0.002	1,768		16.004			290 R								ļ	
ELEXATION 59'-6"	+005	a1.V3	2.5								258 FL							<u> </u>	<b>1</b>	i
ELEVITION 55'-5	4209	ST.YC	6%	1499	0.0029	0.744	2.595	11.00	15.791	16-	690 FL			4	·		l			I

NOTE: LIVE 9.04 NEWED INS USE TO CULLATE ALLOWEL VEXAGE 600. INS NEWED ALLONS FOR A SMILL NEED of System, taken and conduction that he actual assaults order routing we deter from heat 5 scene of the same submitted. If the actual rolout linear is given to doed the maximal alloweld group lineary concerning for the actual rolout linear is first.

	NAC PANEL 4009	•						
Nodule	Ry Ry	Description			Sanday Gummal	Tsid Sarday	Acros Conent	Totel Aicres
ional Equiptical								
4309-9251	1 4009 DN	ET NAC DIFENCER, 120 VAC			0.0550	0.0850	0.1550	0.1550
			Ford Totals			0.0850		6.1850
difection Applian	<b>Cet</b>							
4506-9127	5 AV #-0	NON-ADDRESS, RED, WALL	75		0000 0	8.0000	6.2210	1,4060
		Fe	riphanai Totota			6.0000		1.1050
			RJ Totals	0		6.0000		0.0000
. 2-v-1 60-00	tor dam coment	Ace Addresses Used" (See "Additional Cur is included in the alarm current of the Amplifier alarm current on failure.	rent (Incase") Initiating Device Conc.	ñ.	Total Standoj	1.0550	Tetal Asm;	1,2999
					Scorthy	Stouth	E.m.	1 in mar

savumet Maio Ampléer diarm current on takura.	Standar	Standby	80m	Aora
	. ,			
Bottary Set (1 (Cobinet/Charger (1)	Current	Taka	Current	otal
Select & Power Supplies on this bottery set				
4009		0.0850		1.2900
	Fatal	0.0850		1.2900
Standby Tros = 24 Hrs	× 0.0850	= 2.0400	Sanday An	
Azon Tene = 5 Min	0.08333 + 1.29	= 0.1075	Nama Ah	
		2,1475		
Additional Spare Capacity = <u>cx</u>	+	0.0000		
		21475		
Bottary Discharge Fector = 20%	+	04255		
Minimum Bottery Required 2061-9272 6.	241 (21)	2.5770		
Battery Supplied 2081-9272 6.	244 (24)			

LEVATION &7' MILKAC PANEL 4029 INC YOLDAR	CROPS										PD	49065133	4906-\$101		4905-9101				4306\$127	70021-2
rife resistance based on table 8 from inc		K DODE	- Alacoat	50 50 6	009978	KS) 9 6	) Celsius				Conceia Davice Type	15cf V/0	30cd ¥/0	75e4 V/0	110ee V/0	15x4 A/V	Sied A/V	75ed NV	1Bad AV	44
											upi. Currint. anni Currint.	0.0000 0.0600	0.0000.0	0.1860	0.0000 9.2520	8.0000	0.0000	0.2210	0.0000	0.0000
	Power	Plan			Wro fies		V. Crop			Min Device	Mişa 🛛		1							
KOTIACADON CIRCUIT DESCRIFTICA	Septy	Cd_				)kam (4)				Voluce	Ostarce				l					<u> </u>
LENADON 87	+009	51.11	4!4					16.004			453 R.									
SPATE .	4009	51.52	1	145	0.9029			18.00			1 0 11									
SFARE	+209	a153		144	0.0029			19.000			00						l	<b>.</b>		<b></b>
FAT	4009	8154	1	14:00	0.0029	0.000	0.000	19,000	0.001	l Itott	1 0 61						i		I	ł

NOTE: NOTE: UNE SUM VERYOR INST USD TO DUCULAT ALLOWALE VOLDEE DOOL TAS METHOD ALLONS FOR A SWALL MYSIN OF SWETT, FORCE NOT CONSIGNATION THAT DE ACTUAL INSTALLID CROLIT ROLLING WAY DETER FORM IN MUSICA ON THE SHOP DEVINES. F DE ACTUAL CROLIT LIDERH 5 GONS TO DESED DE MARKIM ALLOWALE DROLT LIDERH, CONVACT HOUR LICUL SWALDSORVICEL DISCRET OFTICE.

		5 4218 FACP	52° 67	144	April 1	Total
Module	Q9	Description	Current	Standby	Current	A post
el Equipment						
4210-9151	t	FACT 250FT ANAC 44 120V BEDE	0.1950	0.1653	0.2550	0.2954
4019-9517	11	4120 NETWORK CARD MODULAR	0.0240	0.0249	B-0240	0.0243
4010-9818	2	1120 RS485 MEDIA CARD	0.0473	0.0949	0.0475	0.0543
4315-5826	1.00	12N ACK RELAT KS	8.0003	0.0000	0.0000	0.0009
4019-9830	-1	SLP RELEASING APPLIQUE KIT	0.0000	0.0000	0.0000	0.0000
1010-1000		Ponel Tatala		0.3130		0.4133
		Peripheral Totala		0.0000		0.0000
		RJ. Totala	Q	0.0000		0.0009
2-site delec	tar oan	inder Device Addresses Used" (See "Additional Current Draws") in current is included in the airm current of the initiating Device Circuit	Total Stards	0.0000	ictal Aant	
2-site delec	tar oan	refer "Dirics Addresses Used" (See "Additional Current Drown")	Total Stards	0.0000 0.3133 Standby	Total Kant	
2-sire delec	tar oan	under "Dinice Addresses Used" (See "Additional Current Dinner") in current & Included in the alarm current of the Indiating Device Circui mee Nata Amphifer clares Current on failure.	Total Stands) 1.	0.3133	-	0.4133
2-site delec	tar oan	inder Device Addresses Used" (See "Additional Current Draws") in current is included in the airm current of the initiating Device Circuit	Total Standay 2. Standay	0.3133 Standby	A arm	0.4133 Alertit
2-site delec	tar oan	under Darker Addresse User" (Sies "Addresse Current Drawst") n europet is Inducted in the elemn current of the Indiating Device Circuit man Mich Anglitere elemn Current of Tolaru. Bottery Set († (Celdwel/Diarger (†))	Total Standay 2. Standay	0.3133 Standby	A arm	0.4133 Aisen Total 0.413
2-site delec	tar oan	Are Torkit Address Used (See Additional Durent Darse) in current & hudsels in the derive nucrei of the histoling Decke Carul rest Main Anglifer storm current on failure. Betters Set (J. (Colore/Decgar (J)) Setter AL Prove Supplier on this locking set. 4210	Total Standay 2. Standay	9.3132 Standby Total 9.3130	A arm	0.4133 Alextit Total 0.413
2-site delec	tar oan	nder Dinica Könnens Usari (Sen "Kölliscel Dumet Orner) n sumst ä hadade in bie eisem kunnet of bie koholing Deide Greui nen Wäh knyffer sichen Kunnet of Hollen. Betteny Sel (1: (Colored/Durger (1)) Select AL Prove Supplet on Wis boliery ect	Total Standay 2. Standay Current	9.3132 Standby Total 9.3130	A arm	0.4135 Aiactit Total 0.413 0.413

Additional Spare Dependry = <u>CR</u> Battery Discharge Fector = 203 Nicimum Battery Required 2081-5274 1069 (21) Battery Suppled 2081-8274 1064 (21)

	Alerte .	Nodule	Q	/
		Ford Equipment		
63 0.2550	0.2950	4310-\$101	1	FACP 250PT 454C 4
149 D.0240	0.0243	4010-9817	1	4120 NETWORK CAR
45 0.042	0.0543	4010-5818	2	4120 R5485 MEDA (
00 0.000		4010-5826	1	120V AUX RELAY KI
00 0.000		4010-\$830	1	SUP RELEASING APPL
130	0.4133			
000	0.0000			
000	0.0009			l under "Device Address

	Sandry	Scondby	6om	Aig/10
Botting Set [1 (Cobinet/Onarger [1)	Correct	Tota	Current	Total
Select AL Power Supplies on this bottery act				
4010		9,3130		0 4130
	Sub Total	0.3130		0.4130
<u>Bond Compet Decas</u> RU Consected Peripheral Devices - 6	a 0.0035	= 0.0000	* 0.0035	= 0.0000
• •	Total	0.3130		0.4130
Stondby Time = 24 hits	0.3132	= 7.5120 <sup>\$</sup>	Randby An	
Alona Tare = 5 Min	0.06333 x 0.413	= 0.0344 /	Const Ab	
		7.5454		
Additional Spare Capacity - pr	+	0.0000		
· · · · -		7.5454		
Buttary Discharge Fector = 20%	+	1.5093		
Minimum Bottany Required 2081-5274	1541 (m)	\$.0557		
Bottery Supplied 2081-5274				

Vodula	0.1	
Poral Equipment		
4210-5181	1	FACP 250PT 4NAC 44
4010-\$817	1	1120 NETWORK CARD
4010-9518	2	1120 R5485 MEDA C
4010-5825	1	122Y AX RELOK
4310-9830	15	S.P RELEASES APPL

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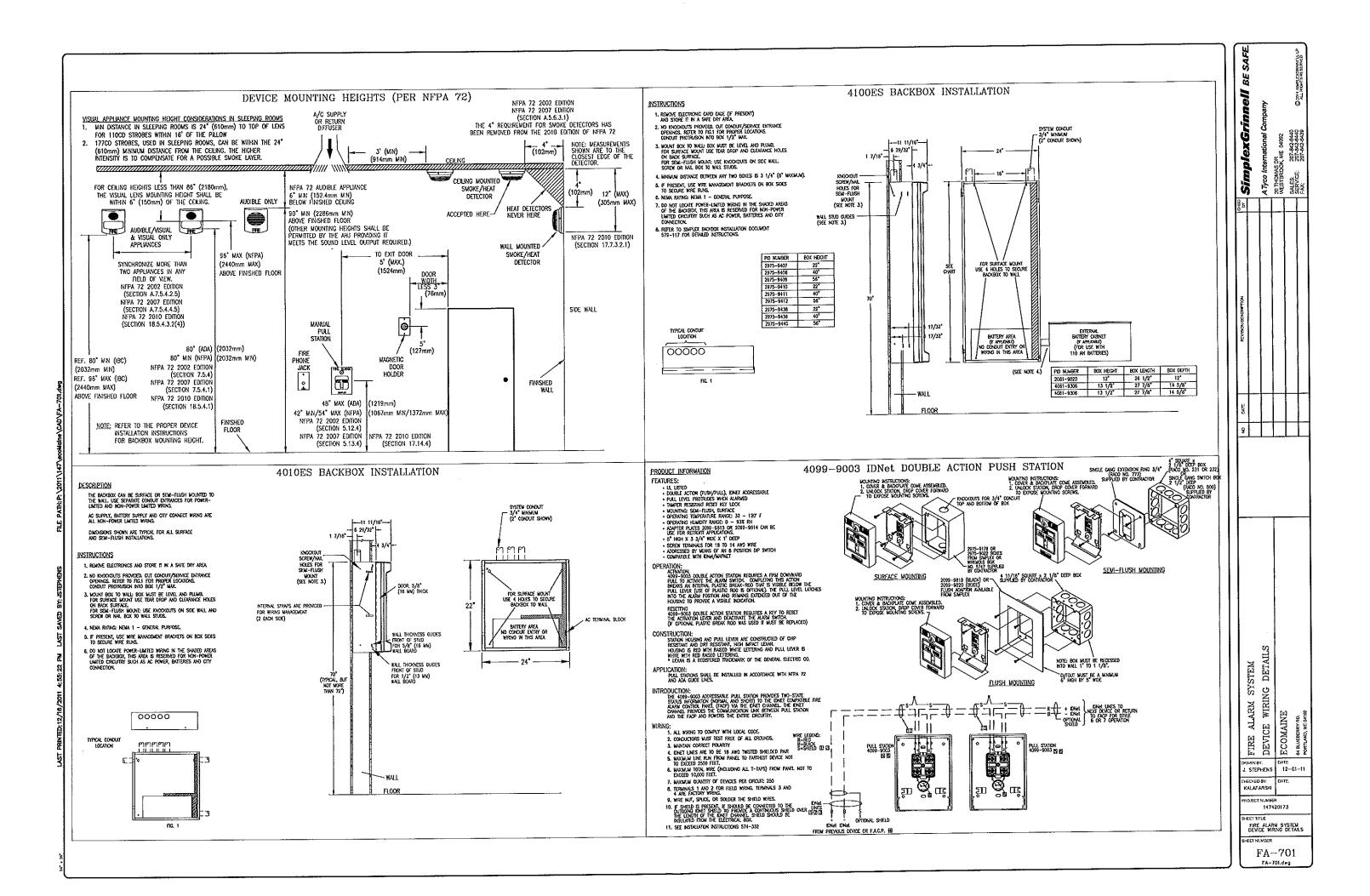
	Standby	1ರ.ಲ	Aura	Total
Description	Cornet	Standay	Correct	Aama
A 120Y BOOK *	0.1950	0.1950	0.2950	0.2950
S WOOLAR	0.0242	0.0243	0.0240	0.0243
040	0.0479	0.0943	0.6473	0.0943
	6.0000	0.0000	0.0000	0.0000
LOUE KT	0.0000	0.0000	0.0000	6.0000
Peral Tatala	1	0.3133		0.4133
Purpheral Totols		0.0000		0.0099
	0	0.0000		0.0000
see Used" (See "Additional Cornert Drown:")	10al \$24.00	0.3130	Total Alarm	0.4130
in the starm current of the Indicting Device Groud.				
dens control or failure.	Danán.	Standby	r	•
	Standby		Ăoron Cirrenti	Aorea Total
et (1) (Cothinst/Ducquer (1)) wer Supplies on this bottory set	Correct	Tatal	Correct	HAD .
4010		8.3130		0.4133
eu ru	Sub Tota			0.4130
Dom.				
Rul Connected Feripheral Devices g	0.9935	= 0.0000	r 0.0035	≠ 0.000
	Fatz	s 63130		0.413
Standby Time = 24 Hrs	x 0.3130	= 7.5129 <sup>\$</sup>	Standby Ah	
Agent Tame = 5 Min	0.08333 = 0.41			
		7.5454		
Additional Spare Capacity = pt		+ 6.0000		
		7.5454		
Bottery Discharge Factor = 203		+ 1.5083		
		+ <u>1.5093</u> 9.0557		

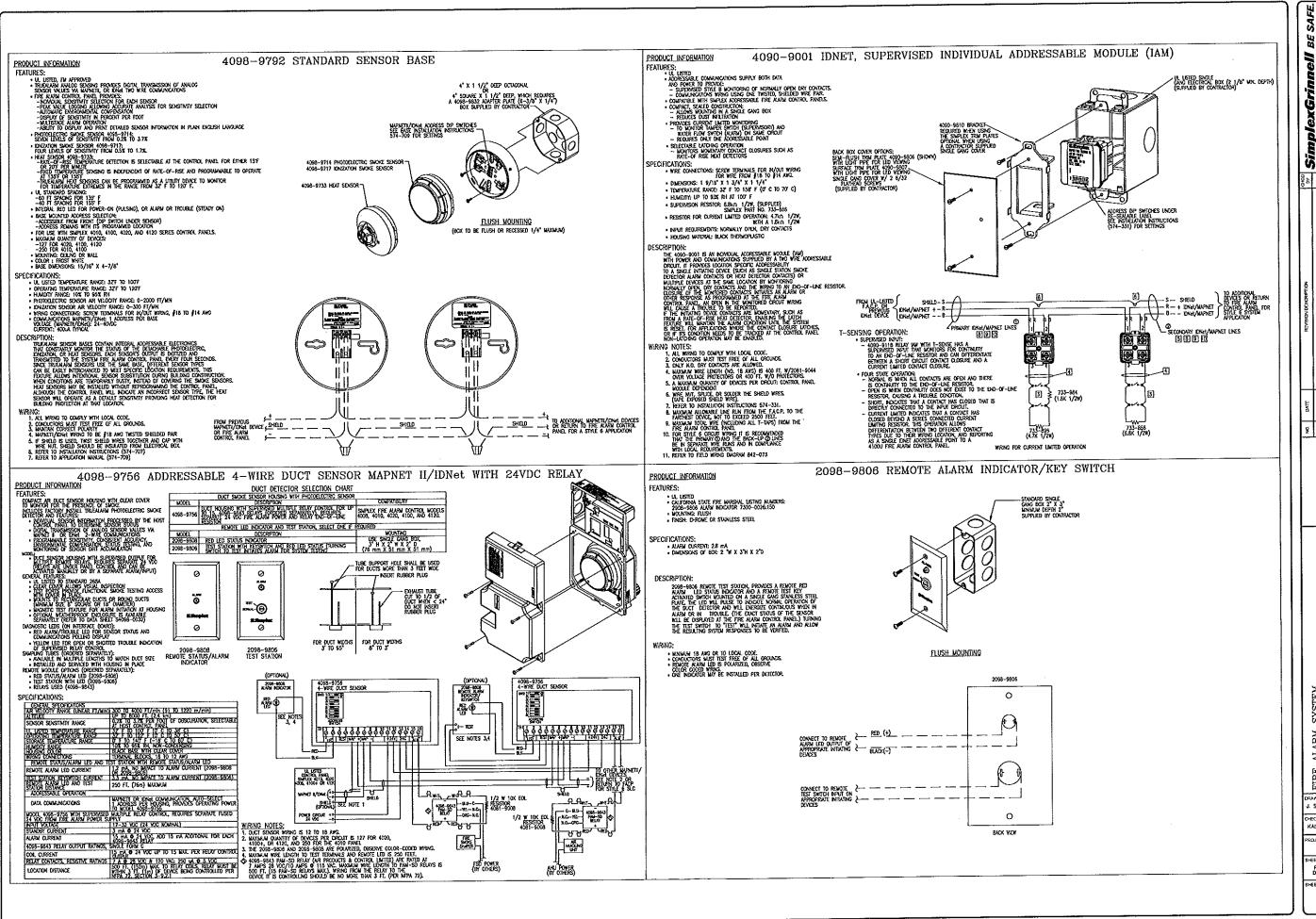
		SCUNDY	10th	A0210	NC0
97	Description	Current	Servicy	Const	AD M
1	FACP 250PT 4NAC 4A 120V BEICE .	0.1950	0.1953	0.2950	0.2950
1	4122 NETWORK CARD MODULAR	0.0243	0.0243	0.0240	0.0243
2	4120 R5455 MEDIA DARD	0.0470	0.0543	0.5470	0.0940
1	120V NIX RELAT KIT	0.0000	0.0000	0.0000	0.0000
1	SUP RELEASING APPLICUE KT	0.0000	0.0000	0.0000	6.0000
	Porel Tatsia		0.3133		0.4130
	Peripheral Totale		0.0000		0.0690
	RJ Tetah	0	0.0000	1	0.0000
A	under "Device Addresses Used" (See "Additional Current Drume")	Total Standay	0.3130	Total Nam	0.4130
		Standby	Standby		
<b>63</b> 5.	unes Wain Amplifier alors: ourset on failure.	Dunity	Chandha		
		Constrainty	100	Áor⊒>	A (9 P)
	Bottery Set (1) (Cobinet/Charger (1)	Curnet	Total	Aaraa Ceanant	Kern Total
	Bottery Set #1 (Cotinet/Charger #1) Select ALL Power Supplies on this bottery set:		Tatal		1da
	Bottary Set #1 (Cobinet/Charger #1) Select AL Power Supplies on this bottary ent: 4010	Cernet	Tatal 0.3130		1860 0.413
	Select AL Power Supplies on this bollony bet: 4013		Tatal 0.3130		1860 0.413
	Select AL Power Supplies on this bollony bet: 4013	Current Sub Tetal	Totol 0.3130 0.3130	Const	1841 0.413 0.413
	Select AL Power Supplies on this bollony bet: 4013	Curnet Sub Total <u># 0.0030</u>	Totol 0.3150 0.3150 = 0.0000		10413 0.413 0.413 = 0.000
	Select AL Power Supplies on this bollery set:	Current Sub Tetal	Totol 0.3150 0.3150 = 0.0000	Const	1d# 0.413 0.413 = 0.000
	Select AL Power Scyline of the bottery ent: 6010 RAI Concerted Peripheral Bedres 0	Durnert Sub Total # 0.0035 Total	Tatal 0.3130 0.3130 = 0.0000 0.3130	Const	1d# 0.413 0.413 = 0.000
	Start AL Fore: Supplies on the bellowy int: 6010 6655000 Current Datas RJ Concepted Perform Devices 0 Stortby Time = <u>24</u> Ives	Cument Sub Total x 0.0035 Total x 0.3133	Total 0.3130 0.3130 = 0.0000 0.3130 = 7.5120	Lovert * 0.0035 Standby At	1d# 0.413 0.413 = 0.000
	Select AL Power Scyline of the bottery ent: 6010 RAI Concerted Peripheral Bedres 0	Demed Sub Total # 0.0035 Total	Total 0.3130 0.3130 = 0.0000 0.3130 = 7.5120	Lovert * 0.0035 Standby At	1d# 0.413 0.413 = 0.000
	Start AL Fore: Supplies on the bellowy int: 6010 6655000 Current Datas RJ Concepted Perform Devices 0 Stortby Time = <u>24</u> Ives	Cument Sub Total x 0.0035 Total x 0.3133	Total 0.3130 0.3130 = 0.0000 0.3130 = 7.5120 = 0.0344	Lovert * 0.0035 Standby At	1d# 0.413 0.413 = 0.000
	Start AL Forer Supplies on the bottomy set: 6010 Kolfsond Lucard Datas Rul Connected Peripheral Geneses o Standay Time = <u>21</u> (eq. Alora Time = <u>5 Kin</u>	Cument Sub Total x 0.0035 Total x 0.3133	Total 6.3133 0.3130 = 0.0000 0.3130 = 7.5120 = 0.0344 7.5464	Lovert * 0.0035 Standby At	1d# 0.413 0.413 = 0.000
	Start AL Forer Supplies on the bottomy set: 6010 Kolfsond Lucard Datas Rul Connected Peripheral Geneses o Standay Time = <u>21</u> (eq. Alora Time = <u>5 Kin</u>	Cument Sub Total x 0.0035 Total x 0.3133	Total 6.3133 0.3130 = 0.0000 0.3130 = 7.5120 = 0.0344 7.5464 5.0000	Lovert * 0.0035 Standby At	1844 0.413 0.413

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Minimum Bottany Req	uired 2081-9274 1044 (2)	3.05
Bettery Sup	pied 2081-9274 HOAH (2	1

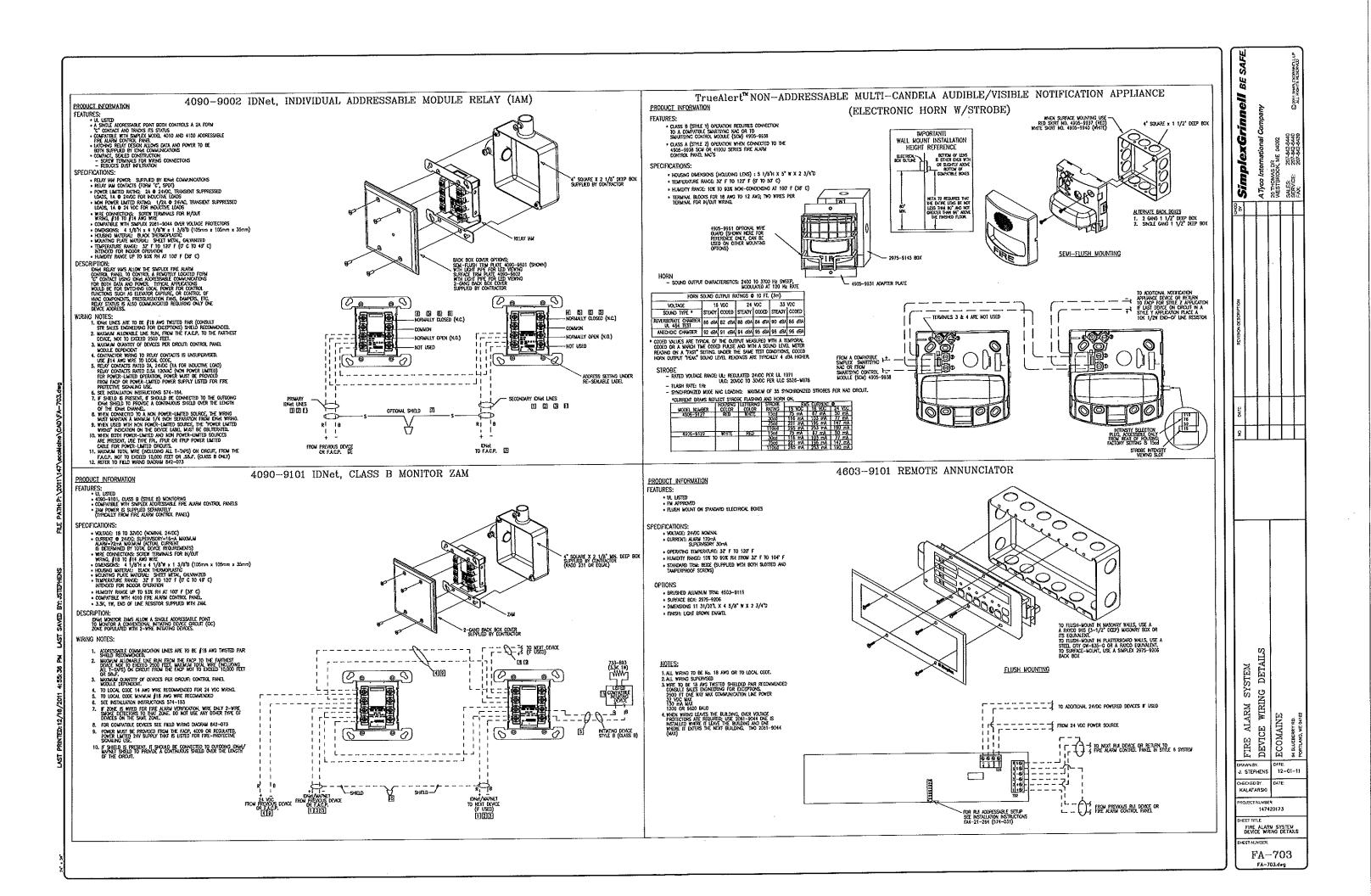
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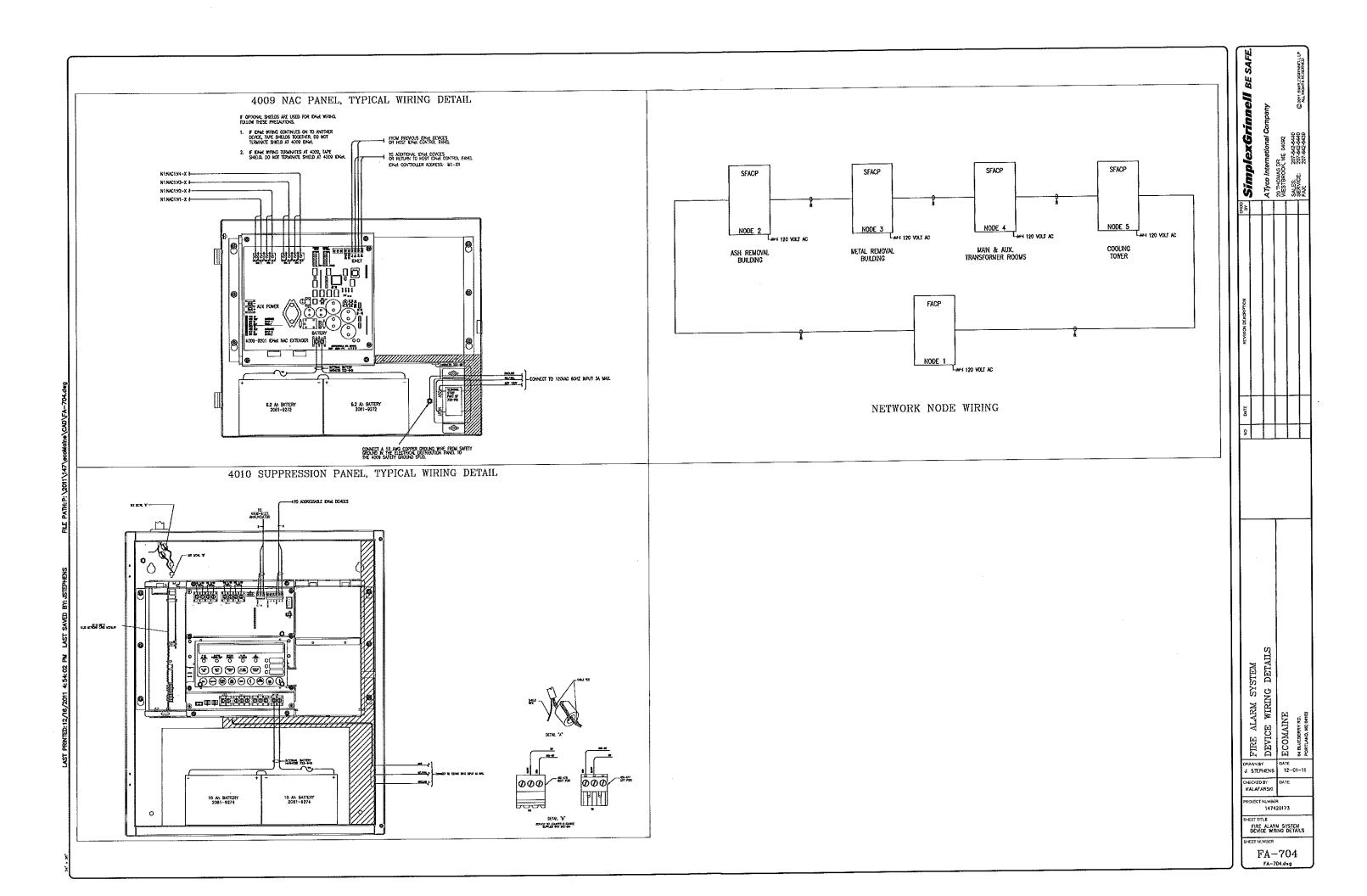
	W SimpleyGrinnell RF SAFF		A Tyco International Company	20 THOMAS DR WESTBROOK, ME D4002	SALES: 207-842-8440 SERVICE: 207-842-8430 FAX: 207-842-8438 AL RIGHTSRUETWILL
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	ERE ALARM SYSTEM	DEVICE WIRING DETAILS	ECOMAINE	E.	BA BLUEBERKY KO. PORTLAND, MÉ 54102
100	AND	I B DEVICE WIRING DETAILS	S = S ECOMAINE	E.	
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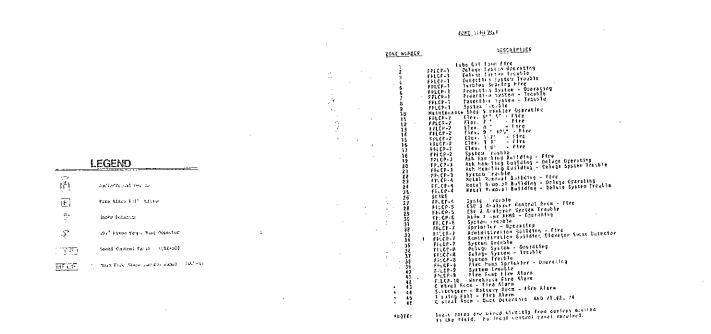




## PORTLAND RESOURCE RECOVERY FACILITY

### PORTLAND, MAINE

## FIRE ALARM DEVICE LOCATIONS



<u>一百年至之后,今年久天月天日,今年</u>1年9

All aloce signaling deviceis and any angular point of a contraction, and contract and ages welcan will be wired to their conjustive system is able a potymered by a device wired to can of sid local contra-I the alara house will also shirt they are associated at a control ganel. The deviat at welt on the los and that use amirated with need to be react forces to

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