

COVER SHEET

BASEMENT DEVICE PLACEMENT PLAN

FIRST FLOOR DEVICE PLACEMENT PLAN

THIRD FLOOR DEVICE PLACEMENT PLAN

FIFTH FLOOR DEVICE PLACEMENT PLAN

SIXTH FLOOR DEVICE PLACEMENT PLAN

SECOND FLOOR DEVICE PLACEMENT PLAN

FOURTH FLOOR DEVICE PLACEMENT PLAN

SEVENTH FLOOR DEVICE PLACEMENT PLAN

EIGHTH FLOOR DEVICE PLACEMENT PLAN

NINTH FLOOR DEVICE PLACEMENT PLAN

TENTH FLOOR DEVICE PLACEMNET PLAN

ELEVENTH FLOOR DEVICE PLACEMENT PLAN

TWELFTH FLOOR DEVICE PLACEMENT PLAN

THIRTEENTH FLOOR DEVICE PLACEMENT PLAN

FOURTEENTH FLOOR DEVICE PLACEMENT PLAN

FIFTEENTH FLOOR DEVICE PLACEMENT PLAN

SIXTEENTH FLOOR DEVICE PLACEMENT PLAN

FACP PANEL DETAIL

WIRING TYPICALS

WIRING TYPICALS

WIRING TYPICALS

TRANSPONDER PANEL DETAIL

FACP CALCULATIONS AND SCHEDULES

FACP CALCULATIONS AND SCHEDULES

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TRANSPONDER CALCULATIONS AND SCHEDULES

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BASEMENT THROUGH FOURTH FLOOR RISER DIAGRAM

TWELFTH THROUGH SIXTEENTH FLOOR RISER DIAGRAM

FIFTH THROUGH ELEVENTH FLOOR RISER DIAGRAM

Safer. Smarter. Tyco.<sup>™</sup>

# **FRANKLIN TOWERS**

## FIRE ALARM SYSTEM

LEGENDS

DRAWING INDEX

Sheet List Table

## **GENERAL NOTES**

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- THESE DRAWINGS DEPICT GENERAL LOCATIONS OF LIFE SAFETY EQUIPMENT & FIELD DEVICES. EXACT ROUTING OF CONDUITS IS TO BE DETERMINED II THE FIELD BY THE INSTALLING CONTRACTOR TO SUIT CONDITIONS. ALL CHANGES SHALL BE CLEARLY INDICATED ON THE RECORD DRAWINGS. SHOULD ANY CONDITIONS EXIST THAT DIFFER FROM WHAT IS INDICATED ON THESE DRAWINGS WHICH CAUSE MAJOR DEVIATIONS IN THE WORK SHOWN, THE CONTRACTOR SHALL CONTACT TYCO SIMPLEXGRINNELL IN A TIMELY MANNER SO AS NOT TO IMPAIR THE CONSTRUCTION SCHEDULE. CONTRACTOR IS RESPONSIBLE FOR MAKING AND OBTAINING APPROVAL FOR ALL NECESSARY ADJUSTMENTS IN CIRCUITING AS REQUIRED TO ACCOMMODATE THE RELOCATION OF EQUIPMENT AND/OR DEVICES WHICH ARE AFFECTED BY ANY AUTHORIZED CHANGE. ALL CHANGES SHALL BE CLEARLY INDICATED ON THE RECORD DRAWINGS. A STAMPED SET OF APPROVED FIRE ALARM DRAWINGS SHALL BE AT THE JOB SITE AND SHALL BE USED FOR INSTALLATION. THE POWER CIRCUIT TO THE FACP AND TO THE FIRE ALARM POWER SUPPLIES SHALL BE ON A DEDICATED 120V, 20A BRANCH CIRCUIT BREAKER, AND SHALL HAVE A RED MARKING, LOCK-ON PROVISION AND SHALL BE IDENTIFIED AS "FIRE ALARM CIRCUIT CONTROL." THE LOCATION OF THE CIRCUIT DISCONNECT MEANS (CIRCUIT BREAKER) SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT.
- UPDATE THE AS-BUILT DRAWING SET DAILY WITH JOB PROGRESS. RETURN THE AS-BUILT DRAWING SET TO TYCO SIMPLEXGRINNELL NO LATER THAN 7 DAYS AFTER FINAL TEST. THE CONTRACTOR WILL MAINTAIN ALL AREAS OF THE BUILDING IN A NEAT AND WORKMANLIKE MANNER.
- DO NOT APPLY POWER EXCEPT IN THE PRESENCE OF A FACTORY TRAINED TYCO SIMPLEXGRINNELL TECHNICAL REPRESENTATIVE.
- ANY SMOKE DETECTOR HEAD INSTALLED BEFORE THE BUILDING IS CLEANED AND ACCEPTED SHALL BE COVERED TO PROTECT FROM DUST. ANY FALSE ALARMS DUE TO DIRT CONTAMINATED HEADS SHALL BE THE RESPONSIBILITY OF THE FIRE ALARM INSTALLER. THE FIRE ALARM INSTALLER WILL MAINTAIN THE FIRE RESISTANCE INTEGRITY OF ALL WALL, CEILING, AND ROOF ASSEMBLIES ANY TIME THAT WORK IS NOT ACTIVELY BEING PERFORMED.
- INSTALLATION OF DEVICES SHALL BE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. POWER LIMITED AND NON-POWER LIMITED FIELD WIRING MUST BE INSTALLED WITHIN THE FACP ENCLOSURE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND APPLICABLE ELECTRICAL CODES. REFER TO 'APPLICABLE CODES & STANDARDS' FOR SPECIFIC CODE REFERENCES. ALL WIRING SHALL BE INSTALLED ACCORDING TO APPLICABLE ELECTRICAL CODES.
- FIRE ALARM CIRCUITS SHALL BE IDENTIFIED IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODES. MARK ALL FIRE ALARM WIRES IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODE SECTIONS FOR POWER LIMITED AND NON-POWER LIMITED WIRE. FIRE ALARM CABLE INSTALLED IN DUCTS, PLENUM, AND OTHER SPACES USED FOR ENVIRONMENTAL AIR SHALL BE TYPE FPLP.
- FIRE ALARM CABLE INSTALLED IN THE VERTICAL RUNS AND PENETRATING MORE THAN ONE FLOOR OR CABLES INSTALLED IN VERTICAL RUNS IN SHAFTS SHALL BE TYPE FPLR. FIRE ALARM CABLE INSTALLED IN UNDERGROUND CONDUIT OR OTHER WET LOCATIONS SHALL BE UL LISTED FOR WET LOCATIONS.
- FIRE ALARM CIRCUITS EXTENDING BEYOND ONE BUILDING AND RUN OUTDOORS SHALL BE INSTALLED IN ACCORDANCE APPLICABLE ELECTRICAL CODES, WHERE APPLICABLE. ALL WIRING, INCLUDING SHIELDS MUST BE DRY AND FREE OF SHORTS AND GROUNDS.
- ALL SHIELDED WIRE MUST HAVE SHIELD CONTINUITY AT FULL LENGTH OF THE WIRE.
- ONLY SYSTEM WIRING CAN BE RUN IN THE SAME CONDUIT.
- 120VAC IS NOT PERMITTED IN THE SAME CONDUIT WITH LOW VOLTAGE WIRING.
- MAINTAIN MAXIMUM CONDUIT FILL RATIO AS PER APPLICABLE ELECTRICAL CODES REQUIREMENTS.
- EXISTING CONDUITS MAY BE USED BY THE INSTALLATION CONTRACTOR AS DEEMED NECESSARY; HOWEVER, ANY EXISTING CONDUIT WILL BE USED ONLY IF CONDUITS MEET CURRENT STANDARDS AND CODES. TYCO SIMPLEXGRINNELL MAKES NO STATEMENTS WRITTEN OR VERBAL AS TO THE CONDITION OF EXISTING CONDUITS.

STMBUL         DESCRIPTION         BRANU         WODEL         Coole 1           PANELS & ANNUNCIATORS         [FEP]         40055 TRE ALARM CONTROL PANEL 120 VAC         SIMPLEX         4100-9011         MfG           [TR         40055 TRE ALARM CONTROL PANEL 120 VAC         SIMPLEX         4100-9011         MfG           [TR         40055 TRE ALARM CONTROL PANEL 120 VAC         SIMPLEX         4009-9011         MfG           [EM         SEALL CO ANNULATOR         SIMPLEX         4009-9004         46           [MT]         BATTERY CABRET W/ 75AH BATTERY SET         SIMPLEX         4009-9004         46           [M]         OLAL LO VOLT SMOKE DETECTOR         SUPPLEX         4009-9704 HEAD         44           [M]         ADDRESSABLE PHOTOELECTRIC SMOKE SENSOR WITH         SIMPLEX         4009-9714 HEAD         44           [M]         STANDARD BASE         SIMPLEX         4009-9714 HEAD         44           [M]         MORTSSABLE PHOTOELECTRIC SMOKE SENSOR WITH CO         SIMPLEX         4009-9714 HEAD         44           [M]         HEAT SENSOR WITH STANDARD BASE         SIMPLEX         4009-9714 HEAD         44           [M]         MODULES & RELAY SM         SIMPLEX         4009-9713 BASE         44           [M]         NINDRUDUAL ADD	LIKE	ALARM SYMBC	DL LEG	E	:ND	1	-	1
EACP         41005 STRE ALARM CONTROL PANEL 120 VAC         SIMPLEX         4100 9311         MFG           TTR         41005 STRE ALARM CONTROL PANEL 120 VAC         SIMPLEX         4100 9601         MFG           TRAIL         5000EP RAVIEL 120 VAC         SIMPLEX         4100 9601         MFG           EAT         BATTRY CABINET W/ TSAH BATTERY SET         SIMPLEX         4003 9004         42           E         SINGLE ACTION MANUAL PULL STATION         SIMPLEX         4009 9004         42           E         SINGLE ACTION MANUAL PULL STATION         SIMPLEX         4009 9714 HED         4098 9714 HED           SIMPLEX         ADDRESSABLE PHOTOELCTRIC SMOKE SENSOR WITH         SIMPLEX         4098 9718 BAD         44           CO         BADRESSABLE PHOTOELCTRIC SMOKE SENSOR WITH         SIMPLEX         4098 9718 BAD         44           CO         HEAT SENSOR WITH STANDARD BASE         SIMPLEX         4098 9718 BAD         44           CO         HEAT SENSOR WITH STANDARD BASE         SIMPLEX         4099 9704         44           CO         HEAT SENSOR WITH STANDARD BASE         SIMPLEX         4099 9717 BAD         44           CO         HEAT SENSOR WITH STANDARD BASE         SIMPLEX         4099 9717 BAD         44           CO         RELAY	SYMBOL	DESCRIPTION			BRAND	MODEL		
LPLEUP         41.006 THE AUXIM CLI YALL         SIMPLEX         41.00-9601         MFG           TTR         TRANSPONDER PAREL, 120 VAL         SIMPLEX         41.00-9601         MFG           EAAT         SERAL LCD ANNUCATOR         SIMPLEX         4663-9101         60           EAAT         BATTERY CABINET W/ 75AH BATTERY SET         SIMPLEX         4069-9004         46           EVALUATION         SIMPLEX         4099-9004         46         16         17           SINGLE ACTION MANUAL PULL STATION         SIMPLEX         4098-9714 HAD         46           Synophologies         ADDRESSABLE PHOTOELECTIRC SMOKE SENSOR WITH         SIMPLEX         4098-9714 HAD         46           Synophologies         ADDRESSABLE PHOTOELECTIRC SMOKE SENSOR WITH CO         SIMPLEX         4098-9714 HAD         46           Synophologies         EADDRESSABLE PHOTOELECTIRC SMOKE SENSOR WITH CO         SIMPLEX         4098-9714 HAD         46           Synophologies         EADDRESSABLE PHOTOELECTIRC SMOKE SENSOR WITH CO         SIMPLEX         4098-9714 HAD         46           Synophologies         MODULES & RELAY SIM         SIMPLEX         4098-9714 HAD         47           MODULES & RELAY SIM         NONTOLIA ADDRESSABLE PHOTOELECTINC SMOKE SENSOR WITH CO         SIMPLEX         4098-9714 HAD	PANELS &	ANNUNCIATORS						
LINE         TRANSPONDER PANEL, 120 VAC         SMM/EX         LINE MAL         MAL         MAL           EAA         SERAL LCD ANNUCATOR         SIMPLEX         4603-9001         60           BATTERY CABINET W/ TSAH BATTERY SET         SIMPLEX         4903-9004         46           INITIATING DEVICES         SIMPLEX         4099-9004         46           INITIATING DEVICES         SIMPLEX         4099-9004         46           INITIATING DEVICES         SIMPLEX         4099-9004         46           INITIATING DEVICES         SUPPLEX         4098-973 HEAD         4K           INITIATING DEVICES         SIMPLEX         4098-973 HEAD         4K           INITIATING DEVICES         SIMPLEX         4098-973 HEAD         4K           INITIATING         SIMPLEX         4099-9002         4H           INITIATING         SIMPLEX	FACP	4100ES FIRE ALARM CONTROL PANEL,	120 VAC		SIMPLEX	4100-9311	MFG	
EAA         SERIAL LCD ANNUCLATOR         SIMPLEX         4403-9101         6D           BATTERY CABINET W/ 75AH BATTERY SET         SIMPLEX         2085-5280         MFG           INITIATING DEVICES         SIMPLEX         2085-5280         MFG           IVITATING DEVICES         SIMPLEX         4099-9004         46           Single Action MANUAL PULL STATION         SIMPLEX         4099-9004         46           Single Action MANUAL PULL STATION         SIMPLEX         4099-9714         46           Single Action MANUARD BASE         SIMPLEX         4098-9714 HeaD         4K           MADDRESSABLE PHOTOELETRIC SMOKE SENSOR WITH         SIMPLEX         4098-9731 HEAD         4A           INDRIVENCES         BADDRESSABLE PHOTOELETRIC SMOKE SENSOR WITH CO         SIMPLEX         4098-9731 HEAD         4A           INDRIVENCES         HEAT SENSOR WITH STANDARD BASE         SIMPLEX         4099-9001         1F           Image: Simplex         HODDRESSABLE PHOTOELETRIC SMOKE SENSOR WITH CO         SIMPLEX         4090-9002         4H           Image: Simplex         HEAT SENSOR WITH STANDARD BASE         SIMPLEX         4090-9001         1F           Image: Simplex         HODDRESSABLE PHOTOELETRIC SMOKE SENSOR WITH CO         SIMPLEX         4090-9002         4H	TPR		DCAL MODE		SIMPLEX	4100-9601	MFG	
LEAL1         PM-PS12750U         LEAT SAMELY W/ XMH BALLEN'SET         SMMLEX         PW-PS12750U         LE           INITIATING DEVICES         INIGE ACTION MANUAL PULL STATION         SIMPLEX         4099-9004         46         12           INITIATING DEVICES         SIMPLEX         A099-9004         46         12         12           INITIATING DEVICES         SIMPLEX         A098-9714 HEAD         47         4989-9714 HEAD         47           INITIATING DEVICES         SIMPLEX         A098-9714 HEAD         47         4989-9714 HEAD         47           INITIATING DEVICES         SIMPLEX         A098-9714 HEAD         47         4989-9714 HEAD         47           INITIATING DEVICES         RELAYIS         SIMPLEX         4098-9714 HEAD         47         4098-9714 HEAD         48           INITIATING DEVICES         RELAY IAM         SIMPLEX         4090-9001         1F         18           MODULES & RELAYS         INDIMULA LADDRESSABLE MODULE         SIMPLEX         4090-9118         44           INDIMULA LADDRESSABLE MODULE         SIMPLEX         4090-9118         44         18           MODULES & RELAYS         INDIMULA LADDRESSABLE MODULE         SIMPLEX         4006-9206         4C           INDIMULA LADDRESSABLE MODULE	FAA				SIMPLEX	4603-9101	6D	E
INITIATING DEVICES         Image: Constraint of the second se	BATT	BATTERY CABINET W/ 75AH BATTERY S	SET		SIMPLEX		MFG	г
Line         SINGLE & LIDW MARULE PUTOELECTOR         SIMPLEX         UPPLED V OTHERS           Simplex         ADDRESSABLE PHOTOELECTOR         SUPPLED V OTHERS         4098-9712 AFAD 4098-9712 AFAD 4099-9002 4H 4H 4090-9002 4H 4009-9018 4H 4009-9018 4H 4009-9002 4H 4009-9018 4H 4009-9024 4H 4009-9024 4H 40090-9018 4H 400008 4H 4009-9024 4H 40008-9004 4H 4009-9024 4H 400	INITIATIN	G DEVICES				PW-P3127500		
Structure         Sumplex         Sumplex         Sumplex         Sumplex         Sumplex         Address         Addres         Address         Address	F	SINGLE ACTION MANUAL PULL STATIC	N		SIMPLEX	4099-9004		Ν
Simplex         ADDRESSABLE PHOTOLECTRIC SMOKE SENSOR WITH 4098-972 ALAD SIMPLEX         4098-972 ALAD 4098-973 HAD 4098-9771 HAD 4098-9771 HAD 4098-9771 HAD 4098-9771 HAD 4098-9771 HAD 4098-9771 HAD 4098-9772 HAD 4098-9771 HAD 4098-9772 HAD 4099-9001         1F           Impution (m) (m) (m) (m) (m) (m) (m) (m) (m) (m)	$\langle S \rangle_{120V}$	LOCAL 120 VOLT SMOKE DETECTOR						
→ Sint Product State         Sint Product State         Note State           Sint Service         Sint Service         Sint Product State         Address State         Addres State         Address State         Address	_	ADDRESSABLE PHOTOELECTRIC SMOK	E SENSOR WITH	1	SIMPLEX	4098-9714 HEAD		N
▲         HEAT SENSOR WITH STANDARD BASE         SIMPLEX         4098-9732 HEAD 4098-9792 BASE         4.4 4098-9792 BASE           MODULES & RELAYS         Individual Addressable Module         SIMPLEX         4090-9001         IF           Image: Simplex         4090-9002         4H         SIMPLEX         4090-9002         4H           Image: Simplex         4090-9011         IF         SIMPLEX         4090-9012         4H           Image: Simplex         4090-9012         4H         SIMPLEX         4090-9012         4H           Image: Simplex         4090-9012         4H         SIMPLEX         4090-9012         4H           Image: Simplex         4090-9118         4H         SIMPLEX         4090-9218         4H           Image: Simplex         4090-9218         4H         SIMPLex         4096-9204         HB           Image: Simplex         4006-9204         HB         SIMPLex         4906-9204         HB           Image: Simplex         4006-9204         HB         SIMPLex         4906-9204         HB           Image: Simplex         4001         SIMPLex         4906-9204         HB           Image: Simplex         4002-9717         4C         4905-9922 Simplex           Image: Simplex <td>-</td> <td></td> <td>E SENSOR WITH</td> <td>I CC</td> <td>) SIMPLEX</td> <td>4098-9714 HEAD</td> <td>4K</td> <td>M,</td>	-		E SENSOR WITH	I CC	) SIMPLEX	4098-9714 HEAD	4K	M,
MODULES & RELAYS         NOUVIDUAL ADDRESSABLE MODULE         SIMPLEX         4000-002         4H           INDIVIDUAL ADDRESSABLE STROBE, CELING MOUNT, WHITE, FIRE, CLEAR LENS         2088-0021         1D           VOTIFICATION DEVICES         Y         4         ADDRESSABLE STROBE, CELING MOUNT, WHITE, FIRE, CLEAR LENS         SIMPLEX         4906-9204         HB           #W         #         ADDRESSABLE MULTI-CANDELA SPEAKER/STROBE, SIMPLEX         4906-9204         HB           #W         #         ADDRESSABLE MULTI-CANDELA SPEAKER/STROBE, SIMPLEX         4906-9204         HB           #W         #         ADDRESSABLE MULTI-CANDELA SPEAKER/STROBE, SIMPLEX         4905-9835         4E           MISCELLANEOUS DEVICES         INSTRUMENT         SIMPLEX         4905-9835         4E           WISCELLANEOUS DEVICES         INSTRUMENT         BY OTHERS         BY OTHERS         FBO           IVS         TAMPER SWITCH         BY OTHERS         <	_							N
INDIVIDUAL ADDRESSABLE MODULE         SIMPLEX         4090-9001         1F           INDIVIDUAL ADDRESSABLE MODULE         SIMPLEX         4090-9002         4H           IND_2         RELAY IAM         SIMPLEX         4090-9002         4H           IND_2         RELAY IDNET 2 IAM W/T SENSE         SIMPLEX         4090-9118         4H           IND_2         RELAY IDNET 2 IAM W/T SENSE         SIMPLEX         4090-9011         1D           INDRECATOR DELAY PAM-1, SPDT W/ LED, APOLLO         SIMPLEX         2088-9021         1D           INDRECATOR DEVICES         INDRESSABLE STROBE, CELLING MOUNT, WHITE, FIRE, LEAR LENS         SIMPLEX         4906-9204         HB           #W         #         ADDRESSABLE MULTI-CANDELA SPEAKER/STROBE, CELIAR LENS         SIMPLEX         4906-9204         HB           #W         #         ADDRESSABLE MULTI-CANDELA SPEAKER/STROBE, CELIAR LENS         SIMPLEX         4905-9342 SKRT         4C           #W         \$         SPEAKER ONLY, WALL MOUNT         SIMPLEX         4905-9833         4E           MISCELLANEOUS DEVICES         IMMERS         SIMPLEX         4905-9833         4E           VS         TAMPER SWITCH         KNOX         SERIES         FBO           WF         WATERFLOW SWITCH         BY OTHERS<					SIMPLEX	4098-9792 BASE	1B	
Image: Relay IAM         SIMPLEX         4090-9002         4H           Image: Relay IAM         SIMPLEX         4090-9018         4H           Image: Relay IAM         SIMPLEX         4090-9018         4H           Image: Relay IAM         SIMPLEX         4090-9018         4H           Image: Relay IAM         SIMPLEX         2088-9021         1D           Image: Relay IAM         SIMPLEX         2088-9021         1D           Image: Relay IAM         ADDRESSABLE STROBE, CELLING MOUNT, WHITE, FIRE, CLEAR LENS         SIMPLEX         4906-9204         HB           Image: Relay IAM         ADDRESSABLE STROBE, CELLING MOUNT, WHITE, FIRE, CLEAR LENS         SIMPLEX         4906-9204         HB           Image: Relay IAM         ADDRESSABLE MULTI-CANDELA SPEAKER/STROBE, SIMPLEX         4905-9935         4E           Image: Relay IAM         SIMPLEX         4905-9935         4E           Image: Relay IAM MOULE         SIMPLEX         4905-9935         4E           Image: Relay IAM         SIMPLEX         4905-9935         4E           Image: Relay IAM         SIMPLEX         4905-9935         4E           Image: Relay IAM         Image: Relay IAM         SIMPLEX         4905-9935           Image: Relay IAM         Image: Relay IAM					SIMPLEX	4090-9001	1F	N
Image: Simplex         4090-9118         4H           Image: Simplex         Simplex         4090-9118         4H           Image: Simplex         Simplex         2088-9021         1D           Image: Simplex         Simplex         2088-9021         1D           Image: Simplex         ADDRESSABLE STROBE, CELING MOUNT, WHITE, FIRE, CLEAR LENS         Simplex         4906-9204         HB           Image: Simplex         ADDRESSABLE STROBE, CELING MOUNT, WHITE, FIRE, CLEAR LENS         Simplex         4906-9204         HB           Image: Simplex         ADDRESSABLE MULTI-CANDELA SPEAKER/STROBE, SIMPLEX         Simplex         4906-9204         HB           Image: Simplex         ADDRESSABLE MULTI-CANDELA SPEAKER/STROBE, SIMPLEX         Simplex         4905-99256         4C           Image: Simplex         ADDRESSABLE MULTI-CANDELA SPEAKER/STROBE, SIMPLEX         Simplex         4902-9717         4C           Image: Simplex         ADDRESSABLE STROBE, CELING MOUNT         Simplex         4905-9825         4E           Image: Simplex         ADDRESSABLE STROBE, Simplex         Simplex         4905-9835         4E           Image: Simplex         Mode: Simplex         Simplex         Simplex         Simplex         Simplex           Image: Simplex         Anders         Simplex <td></td> <td>RELAVIAM</td> <td></td> <td></td> <td></td> <td>4090-9002</td> <td>4H</td> <td>Z N</td>		RELAVIAM				4090-9002	4H	Z N
Image: Encapsulated ReLAY PAM-1. SPDT W/ LeD, APOLLO         SIMPLEX         2088-9021         1D           Image: Comparison of the state of the sta						4090-9118	4H	F
MARRICA INC PAM-1       SIMPLEX         VOTIFICATION DEVICES         Y       ADDRESSABLE STROBE, CEILING MOUNT, WHITE, FIRE, CLEAR LENS       SIMPLEX       4906-9204       HB         #W       #       ADDRESSABLE MULT-CANDELA SPEAKER/STROBE, CEILING MOUNT, WHITE, FIRE, CLEAR LENS       SIMPLEX       4906-9256       4C         #W       #       ADDRESSABLE MULT-CANDELA SPEAKER/STROBE, CEILING MOUNT, WHITE, FIRE, CLEAR LENS       SIMPLEX       4906-9256       4C         #W       S       SPEAKER ONLY, WALL MOUNT       SIMPLEX       4905-9335       4E         #INSCELLANEOUS DEVICES       KNOX BOX WITH TAMPER SWITCH       KNOX       3200 SERIES       FBO         WE       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         WW       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         WW       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         WM       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         BM       DOOR HOLDER       BY OTHERS       BY OTHERS       FBO         MM       43 45 Q, BOX 11/2" DEEP       1E       SINNELE GANG BOX 2 1/2" DEEP         44       45 Q, BOX 11/2" DEEP       1E       SINNELE GANG BOX 2 1/2" DEEP       44     <			// LED, APOLLO			2088-9021	1D	F
#       ADDRESSABLE STROBE, CEILING MOUNT, WHITE, FIRE, CLEAR LENS       SIMPLEX       4906-9204       HB         #W       #       ADDRESSABLE MULTI-CANDELA SPEAKER/STROBE, CEILING MOUNT, WHITE, FIRE, CLEAR LENS       SIMPLEX       4906-9256       4C         #W       S       SPEAKER ONLY, WALL MOUNT       SIMPLEX       4902-9717, 4905-9942 SKIRT       4C         #W       S       SPEAKER ONLY, WALL MOUNT       SIMPLEX       4902-9717, 4905-9942 SKIRT       4E         MISCELLANEOUS DEVICES       K       KNOX BOX WITH TAMPER SWITCH       KNOX       3200       MFG         VS       TAMPER SWITCH       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         WF       BOOR HOLDER       BY OTHERS       BY OTHERS       FBO         WF       SUBSPECIFICATIONS       CODE BOX SPECIFICATIONS       SIMPLEX       4081-9004       E         BACKBOX CODES       SINGLE GANG BOX 2 1/2" DEEP       IE       SINGLE GANG BOX 2 1/2" DEEP       E         44       4'SQ, BOX 1 1/2" DEEP W/ COVER       IF <td></td> <td>AMERICA INC PAM-1</td> <td>· ·</td> <td></td> <td>SIMPLEX</td> <td></td> <td></td> <td></td>		AMERICA INC PAM-1	· ·		SIMPLEX			
CLEAR LENS       SIMPLEX       SIMPLEX         #W       #       ADDRESSABLE MULTI-CANDELA SPEAKER/STROBE, CELING MOUNT, WHITE, FRE, CLEAR LENS       SIMPLEX       4906-9256       4C         #W       S       SPEAKER ONLY, WALL MOUNT       SIMPLEX       4905-9942 SURT       40         #W       S       SPEAKER ONLY, WALL MOUNT       SIMPLEX       4905-9942 SURT       4C         #W       S       SPEAKER ONLY, WALL MOUNT       SIMPLEX       4905-9942 SURT       4C         #W       S       SPEAKER ONLY, WALL MOUNT       SIMPLEX       4905-9942 SURT       4C         #IS       SPEAKER ONLY, WALL MOUNT       SIMPLEX       4905-9942 SURT       4C         #IS       KNOX BOX WITH TAMPER SWITCH       KNOX       3200 SERIES       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         WF       DOOR HOLDER       BY OTHERS       BY OTHERS       FBO         WF       BACHOONS       CODE       BOX SPECIFICATIONS       4081-9004       E         44       4'SQ, BOX 11/2' DEEP       IE       SINGLE GANG BOX 2 1/2' DEEP       E         44       4'SQ, BOX 11/2' DEE			NT WHITE FIRE			4906-9204	HR	4
CELLING MOUNT, WHITE, FIRE, CLEAR LENS       SIMPLEX       4902-9717 4905-9942 SKRT       4C         #W       S       SPEAKER ONLY, WALL MOUNT       SIMPLEX       4902-9717 4905-9942 SKRT       4C         T4       TEMPORAL 4 MODULE       SIMPLEX       4905-9835       4E         MISCELLANEOUS DEVICES       KNOX BOX WITH TAMPER SWITCH       KNOX       SZ00 SERIES       MFG         VS       TAMPER SWITCH       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         DH       DOOR HOLDER       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         DH       DOOR HOLDER       BY OTHERS       BY OTHERS       FBO         WF 6.8K       END-OF-LINE RESISTOR 6.8K (EOL)       SIMPLEX       4081-9004       I         BACKBOX CODES       SIMGLE GANG BOX 2 1/2" DEEP       FBO       FBO         GE 105 SPECIFICATIONS       CODE       BOX SPECIFICATIONS       FBO         44       4" SQ, BOX 1 1/2" DEEP W/ COVER       1F       SINGLE GANG BOX 2 1/2" DEEP         45	<u><u> </u></u>	CLEAR LENS			SIMPLEX			
Temporal 4 MODULE       SIMPLEX       4905-9835       4E         MISCELLANEOUS DEVICES       KNOX BOX WITH TAMPER SWITCH       KNOX       SERIES       MFG         VS       TAMPER SWITCH       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         DH       DOOR HOLDER       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         DH       DOOR HOLDER       BY OTHERS       BY OTHERS       FBO         WF       KATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         BACKBOX CODES       SIMPLEX       4081-9004       I       BACKBOX CODES         CODE BOX SPECIFICATIONS       CODE BOX SPECIFICATIONS       44       450, BOX 1 1/2" DEEP W/ COVER       IF       SINGLE GANG BOX 2 1/2" DEEP W/COVER         4B       4* SQ, BOX 1 1/2" DEEP W/ COVER       IF       SINGLE GANG BOX 2 1/2" DEEP       H         4B       4* SQ, BOX 2 1/2" DEEP W/ COVER       IF       SINGLE GANG BOX 2 1/2" DEEP       H         4D       4* SQ, BOX 2 1/2" DEEP W/ COVER       IF       SINGLE GANG BOX 2 1/2" DEEP       H         4D       4* SQ, BOX 2 1/2" DEEP W/ SINGLE GANG COVER <td></td> <td></td> <td></td> <td></td> <td>SIMPLEX</td> <td></td> <td></td> <td>A</td>					SIMPLEX			A
Item/OKAL 4 MODULE       SIMPLEX         MISCELLANEOUS DEVICES         K       KNOX BOX WITH TAMPER SWITCH       KNOX       SERIES       MFG         VS       TAMPER SWITCH       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       FBO         DH       DOOR HOLDER       BY OTHERS       BY OTHERS       BY OTHERS       FBO         Wr       AND-OF-LINE RESISTOR 6.8K (EOL)       SIMPLEX       4081-9004       I         BACKBOX CODES         CODE       BOX SPECIFICATIONS       CODE       BOX SPECIFICATIONS         A 4" 4" SQ. BOX 1 1/2" DEEP       IE       SINGLE GANG BOX 2 1/2" DEEP       W/COVER         44       4" SQ. BOX 1 1/2" DEEP W/ COVER       1F       SINGLE GANG BOX 2 1/2" DEEP         44       4" SQ. BOX 1 1/2" DEEP W/ COVER       2A       DOUBLE GANG BOX 2 1/2" DEEP         44       4" SQ. BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING       2B       TWO GANG BOX 2 1/2" DEEP         44       4" SQ. BOX 2 1/8" DEEP W/ I 1/2" EXT. RING       2B       TWO GANG BOX 2 1/2" DEEP <th< td=""><td>₩W S</td><td>SPEAKER ONLY, WALL MOUNT</td><td></td><td></td><td>SIMPLEX</td><td>4905-9942 SKIRT</td><td>40</td><td>5</td></th<>	₩W S	SPEAKER ONLY, WALL MOUNT			SIMPLEX	4905-9942 SKIRT	40	5
K       KNOX BOX WITH TAMPER SWITCH       KNOX       3200 SERIES       MFG         VS       TAMPER SWITCH       BY OTHERS       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       BY OTHERS       FBO         DH       DOOR HOLDER       BY OTHERS       BY OTHERS       BY OTHERS       FBO         MFG       SIMPLEX       END-OF-LINE RESISTOR 6.8K (EOL)       SIMPLEX       4081-9004       D         BACKBOX CODES         CODE BOX SPECIFICATIONS         CODE BOX SPECIFICATIONS         A4       4' SQ, BOX 11/2" DEEP       IE       SINGLE GANG BOX 2 1/2" DEEP         H       SINGLE GANG BOX 2 1/2" DEEP       W/COVER         44       4' SQ, BOX 1 1/2" DEEP W/ COVER       IF       SINGLE GANG BOX 2 1/2" DEEP         44       4' SQ, BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING       IG       SINGLE GANG BOX 2 1/2" DEEP         44       SQ, BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING       2B       TWO GANG BOX 2 1/2" DEEP         44       4' SQ, BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING       2B       TWO GANG BOX 2 1/2" DEEP         44       4' SQ, BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING       2C       <	T4	TEMPORAL 4 MODULE			SIMPLEX	4905-9835	4E	ŀ
LSJ       KNOX BOX WITH TAMPER SWITCH       KNOX       SERIES         VS       TAMPER SWITCH       BY OTHERS       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       BY OTHERS       FBO         DH       DOOR HOLDER       BY OTHERS       BY OTHERS       BY OTHERS       FBO         SUPECIFICATIONS       END-OF-LINE RESISTOR 6.8K (EOL)       SIMPLEX       4081-9004       I         BACKBOX CODES       SIMPLEX       4081-9004       I       I         BACKBOX CODES       SIMPLEX       SINGLE GANG BOX 2 1/2" DEEP       H       SINGLE GANG BOX 2 1/2" DEEP       IE         BA 4° SQ, BOX 1 1/2" DEEP W/ COVER       IF       SINGLE GANG BOX 2 1/2" DEEP       IE       SINGLE GANG BOX 2 1/2" DEEP         4D       4° SQ, BOX 1 1/2" DEEP W/ COVER       IF       SINGLE GANG BOX 2 1/2" DEEP       IE         4D       4° SQ, BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING       IG       SINGLE GANG BOX 2 1/2" DEEP       IE         4E       4° SQ, BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING       ZB       TWO GANG BOX 2 1/2" DEEP       IE         4G       4° SQ, BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING       ZB       TWO GANG BOX 2 1/2" DEEP       IE         4F       4° SQ, BOX 2 1/8" DEEP W/ 1 1/2" EXT. R	MISCELLAI	NEOUS DEVICES				-		
LYS       IAMPER SWITCH       BY OTHERS       BY OTHERS       BY OTHERS       FBO         WF       WATERFLOW SWITCH       BY OTHERS       BY OTHERS       BY OTHERS       FBO         WF       DOOR HOLDER       BY OTHERS       BY OTHERS       BY OTHERS       FBO         WF       DOOR HOLDER       BY OTHERS       BY OTHERS       BY OTHERS       FBO         WF       END-OF-LINE RESISTOR 6.8K (EOL)       SIMPLEX       4081-9004       Image: Comparison of the comparison o	К	KNOX BOX WITH TAMPER SWITCH			KNOX	3200 SERIES	MFG	Z
Image: WATERFLOW SWITCH       BY OTHERS       BY OTHERS       BY OTHERS       FBO         Image: Door Holdber       BY OTHERS       BY OTHERS       BY OTHERS       FBO         Image: Door Holdber       SIMPLEX       4081-9004       Image: Door Holdber       BR OTHERS       FBO         Image: Door Holdber       END-OF-LINE RESISTOR 6.8K (EOL)       SIMPLEX       4081-9004       Image: Door Holdber         BACKBOX CODES       SIMPLEX       4081-9004       Image: Door Holdber       FBO       FBO         BACKBOX CODES       SIMPLEX       CODE       BOX SPECIFICATIONS       44       4" SQ, BOX 1 1/2" DEEP W/ COVER       IF       SINGLE GANG BOX 2 1/2" DEEP W/COVER       FBO         4D       4" SQ, BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING       IG       SINGLE GANG BOX 2 1/2" DEEP       FEP         4E       4" SQ, BOX 2 1/8" DEEP W/ COVER       2A       Double GANG BOX 2 1/2" DEEP       FEP         4E       4" SQ, BOX 2 1/8" DEEP W/ COVER       2A       Double GANG BOX 2 1/2" DEEP       FEP         4G       4" SQ, BOX 2 1/8" DEEP W/ SUNGLE GANG COVER       2C       TWO GANG BOX 2 1/2" DEEP       FEP         4H       4" SQ, BOX 2 1/8" DEEP W/ TWO GANG COVER       SA       5 GANG BOX 2 1/2" DEEP       FEP         4H       4" SQ, BOX 2 1/8" DEEP W/ 11/2" EXT. RIN	VS	TAMPER SWITCH			BY OTHERS	BY OTHERS	FBO	Z
LH         DOOR HOLDER         BY OTHERS         PBO           Wr         6.8K         END-OF-LINE RESISTOR 6.8K (EOL)         SIMPLEX         4081-9004         Image: Control of the co	WF	WATERFLOW SWITCH			BY OTHERS	BY OTHERS	FBO	Z
WW 6.8K         END-OF-LINE RESISTOR 6.5K (EOL)         SIMPLEX           BACKBOX CODES           CODE         BOX SPECIFICATIONS         CODE         BOX SPECIFICATIONS           4A         4" SQ. BOX 1 1/2" DEEP         1E         SINGLE GANG BOX 2 1/2" DEEP           4B         4" SQ. BOX 1 1/2" DEEP W/ COVER         1F         SINGLE GANG BOX 2 1/2" DEEP           4C         4" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING         1G         SINGLE GANG BOX 2 3/4" DEEP           4D         4" SQ. BOX 2 1/8" DEEP         1H         SINGLE GANG BOX 2 1/2" DEEP           4E         4" SQ. BOX 2 1/8" DEEP W/ COVER         2A         DOUBLE GANG BOX 2 1/2" DEEP           4E         4" SQ. BOX 2 1/8" DEEP W/ COVER         2A         DOUBLE GANG BOX 2 1/2" DEEP           4F         4" SQ. BOX 2 1/8" DEEP W/ COVER         2A         DOUBLE GANG BOX 2 1/2" DEEP           4G         4" SQ. BOX 2 1/8" DEEP W/ SINGLE GANG COVER         2C         TWO GANG BOX 2 1/2" DEEP           4H         4" SQ. BOX 2 1/8" DEEP W/ TWO GANG COVER         5A         5 GANG BOX 2 1/2" DEEP           4J         4" SQ. BOX 2 1/8" DEEP W/ TWO GANG COVER         5A         5 GANG BOX 2 1/2" DEEP           4J         4" SQ. BOX 2 1/8" DEEP W/ TWO GANG COVER         5A         5 GANG BOX 2 1/2" DEEP           4J         4"	DH	DOOR HOLDER			BY OTHERS	BY OTHERS	FBO	F
BACKBOX CODES           CODE         BOX SPECIFICATIONS         CODE         BOX SPECIFICATIONS           4A         4" SQ. BOX 1 1/2" DEEP         1E         SINGLE GANG BOX 2 1/2" DEEP           4B         4" SQ. BOX 1 1/2" DEEP W/ COVER         1F         SINGLE GANG BOX 2 1/2" DEEP W/COVER           4C         4" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING         1G         SINGLE GANG BOX 2 3/4" DEEP           4T         4" SQ. BOX 2 1/8" DEEP W/ COVER         2A         DOUBLE GANG BOX 2 1/2" DEEP           4E         4" SQ. BOX 2 1/8" DEEP W/ COVER         2A         DOUBLE GANG BOX 2 1/2" DEEP           4E         4" SQ. BOX 2 1/8" DEEP W/ COVER         2A         DOUBLE GANG BOX 2 1/2" DEEP           4F         4" SQ. BOX 2 1/8" DEEP W/ I 1/2" EXT. RING         2B         TWO GANG BOX 2 1/2" DEEP           4G         4" SQ. BOX 2 1/8" DEEP W/ TWO GANG COVER         5A         5 GANG BOX 2 1/2" DEEP           4H         4" SQ. BOX 2 1/2" DEEP W/ TWO GANG COVER         5A         5 GANG BOX 2 1/2" DEEP           4J         4" SQ. BOX 2 1/2" DEEP W/ TWO GANG COVER         5A         5 GANG BOX 2 1/2" DEEP           4H         4" SQ. BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING         6C         6 GANG BOX 2 1/2" DEEP           4H         4" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING         6D         6 GANG BOX 2 1/2" D	-₩ <sub>6.8K</sub>	END-OF-LINE RESISTOR 6.8K (EOL)			SIMPLEX	4081-9004		
CODEBOX SPECIFICATIONSCODEBOX SPECIFICATIONS4A4" SQ. BOX 1 1/2" DEEP1ESINGLE GANG BOX 2 1/2" DEEP4B4" SQ. BOX 1 1/2" DEEP W/ COVER1FSINGLE GANG BOX 2 1/2" DEEP W/COVER4C4" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING1GSINGLE GANG BOX 2 3/4" DEEP4D4" SQ. BOX 2 1/8" DEEP W/ COVER2ADOUBLE GANG BOX 3 1/2" DEEP4E4" SQ. BOX 2 1/8" DEEP W/ COVER2ADOUBLE GANG BOX 2 1/2" DEEP4F4" SQ. BOX 2 1/8" DEEP W/ COVER2ADOUBLE GANG BOX 2 1/2" DEEP4G4" SQ. BOX 2 1/8" DEEP W/ SINGLE GANG COVER2CTWO GANG BOX 2 3/4" DEEP4H4" SQ. BOX 2 1/8" DEEP W/ TWO GANG COVER5A5 GANG BOX 2 1/2" DEEP4H4" SQ. BOX 2 1/2" DEEP W/ TWO GANG COVER5A5 GANG BOX 2 1/2" DEEP4U4" OCT. BOX 1 1/2" DEEP W/ TWO GANG COVER5A5 GANG BOX 2 1/2" DEEP4K4" OCT. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING6C6 GANG BOX 2 1/2" DEEP4H4" SQ. BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING6C6 GANG BOX 3 1/2" DEEP4H4" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RINGFBOFURNISHED BY OHERS4H4" OCT. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RINGFBOFURNISHED BY OHERS4H4" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RINGFBOFURNISHED BY OHERS4H411/16" SQ. BOX 2 1/8" DEEP6D6 GANG BOX 3 1/2" DEEP4H411/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RINGFBOFURNISHED BY OHHERS4P411/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING								
4A       4" SQ. BOX 1 1/2" DEEP       1E       SINGLE GANG BOX 2 1/2" DEEP         4B       4" SQ. BOX 1 1/2" DEEP W/ COVER       1F       SINGLE GANG BOX 2 1/2" DEEP W/COVER         4C       4" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING       1G       SINGLE GANG BOX 2 3/4" DEEP         4D       4" SQ. BOX 2 1/8" DEEP       1H       SINGLE GANG BOX 2 1/2" DEEP         4E       4" SQ. BOX 2 1/8" DEEP W/ COVER       2A       DOUBLE GANG BOX 2 1/2" DEEP         4E       4" SQ. BOX 2 1/8" DEEP W/ COVER       2B       TWO GANG BOX 2 1/2" DEEP         4F       4" SQ. BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING       2B       TWO GANG BOX 2 1/2" DEEP         4G       4" SQ. BOX 2 1/8" DEEP W/ SINGLE GANG COVER       2C       TWO GANG BOX 2 1/2" DEEP         4H       4" SQ. BOX 2 1/8" DEEP W/ TWO GANG COVER       5A       5 GANG BOX 2 1/2" DEEP         4J       4" SQ. BOX 2 1/8" DEEP W/ TWO GANG COVER       5A       5 GANG BOX 2 1/2" DEEP         4J       4" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING       6C       6 GANG BOX 2 1/2" DEEP         4K       4" OCT. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING       6D       6 GANG BOX 2 1/2" DEEP         4M       4 11/16" SQ. BOX 2 1/8" DEEP       6D       6 GANG BOX 2 1/2" DEEP         4M       4 11/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING       FBO       F			CODE	BC	X SPECIFICATION	s		
4C4" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING1GSINGLE GANG BOX 2 3/4" DEEP4D4" SQ. BOX 2 1/8" DEEP1HSINGLE GANG BOX 2 1/2" DEEP4E4" SQ. BOX 2 1/8" DEEP W/ COVER2ADOUBLE GANG BOX 2 1/2" DEEP4F4" SQ. BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING2BTWO GANG BOX 2 1/2" DEEP4G4" SQ. BOX 2 1/8" DEEP W/ SINGLE GANG COVER2CTWO GANG BOX 2 3/4" DEEP4H4" SQ. BOX 2 1/8" DEEP W/ TWO GANG COVER5A5 GANG BOX 2 1/2" DEEP4J4" SQ. BOX 2 1/8" DEEP W/ TWO GANG COVER5A5 GANG BOX 2 1/2" DEEP4U4" SQ. BOX 2 1/2" DEEP6A6 SINGLE GANG BOXE 3 1/2" DEEP4U4" OCT. BOX 1 1/2" DEEP6B6 GANG BOX 2 1/2" DEEP4K4" OCT. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING6C6 GANG BOX 2 1/2" DEEP4N4 11/16" SQ. BOX 2 1/8" DEEP6D6 GANG BOX 3 1/2" DEEP4N4 11/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RINGFBOFURNISHED BY OTHERS4P4 11/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RINGFBOFURNISHED BY OTHERS4Q4" SQ. BOX 1 1/2" DEEP W/1 1/2" EXT. RINGMEGSUPPLIED BY MANUFACTURER4Q4" SQ. BOX 1 1/2" DEEP W/4098-9832 ADAPTERMDWMOUNTS TO DUCTWORK4R4" SQ. BOX 1 1/2" DEEP W/4098-9863 ADAPTERMDWWALL MOUNT1ASINGLE GANG BOX 1 1/2" DEEPDTDESK TOP MOUNT1BSINGLE GANG BOX 2 1/8" DEEPDXREFER TO PRODUCT DATASHEET1CSINGLE GANG BOX 2 1/8" DEEPNRNO BACKBOX REQUIRED <t< td=""><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td></td></t<>				_				
4D4" SQ. BOX 2 1/8" DEEP1HSINGLE GANG BOX 3 1/2" DEEP4E4" SQ. BOX 2 1/8" DEEP W/ COVER2ADOUBLE GANG BOX 2 "DEEP4F4" SQ. BOX 2 1/8" DEEP W/ 11/2" EXT. RING2BTWO GANG BOX 2 1/2" DEEP4G4" SQ. BOX 2 1/8" DEEP W/ SINGLE GANG COVER2CTWO GANG BOX 2 3/4" DEEP4H4" SQ. BOX 2 1/2" DEEP W/ TWO GANG COVER5A5 GANG BOX 2 1/2" DEEP4J4" SQ. BOX 2 1/2" DEEP6A6 SINGLE GANG BOXS 3 1/2" DEEP4U4" OCT. BOX 1 1/2" DEEP6B6 GANG BOX 2 1/2" DEEP4K4" OCT. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING6C6 GANG BOX 2 1/2" DEEP4M4 11/16" SQ. BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING6D6 GANG BOX 3 1/2" DEEP4M4 11/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RINGFBOFUNISHED BY OTHERS4P4 11/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RINGFBOFUNISHED BY OTHERS4Q4" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RINGMFGSUPPLIED BY MANUFACTURER4Q4" SQ. BOX 1 1/2" DEEP W/ 10498-9832 ADAPTERMDWMOUNTS TO DUCTWORK4R4" SQ. BOX 1 1/2" DEEP W/A098-9863 ADAPTERMDWWALL MOUNT1ASINGLE GANG BOX 1 1/2" DEEPDTDESK TOP MOUNT1BSINGLE GANG BOX 2 1/8" DEEPDXREFER TO PRODUCT DATASHEET1CSINGLE GANG BOX 2 1/8" DEEPNRNO BACKBOX REQUIRED1DSINGLE GANG BOX 2 1/8" DEEPNRNO BACKBOX REQUIRED1DSINGLE GANG BOX 2 1/8" DEEPNRNO BACKBOX REQUIRED				_				
4E4" SQ. BOX 2 1/8" DEEP W/ COVER2ADOUBLE GANG BOX 2" DEEP4F4" SQ. BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING2BTWO GANG BOX 2 1/2" DEEP4G4" SQ. BOX 2 1/8" DEEP W/ SINGLE GANG COVER2CTWO GANG BOX 2 3/4" DEEP4H4" SQ. BOX 2 1/8" DEEP W/ TWO GANG COVER5A5 GANG BOX 2 1/2" DEEP4J4" SQ. BOX 2 1/2" DEEP6A6 SINGLE GANG BOX 2 1/2" DEEP4U4" OCT. BOX 1 1/2" DEEP6B6 GANG BOX4L4" OCT. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING6C6 GANG BOX 2 1/2" DEEP4M4 11/16" SQ. BOX 2 1/8" DEEP6D6 GANG BOX 3 1/2" DEEP4N4 11/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RINGFBOFURNISHED BY OTHERS4P4 11/16" SQ. BOX 2 1/8" DEEP W/ 1 1/2" EXT. RINGFBOFURNISHED BY OTHERS4Q4" SQ. BOX 1 1/2" DEEP W/4098-9832 ADAPTERMDWMOUNTS TO DUCTWORK4R4" SQ. BOX 1 1/2" DEEP W/4098-9863 ADAPTERMDWMOUNTS IN BOX BEHIND DETECTOR4S4" SQ. BOX 1 1/2" DEEP W/4098-9863 ADAPTERWMWALL MOUNT1ASINGLE GANG BOX 2 1/8" DEEPDTDESK TOP MOUNT1BSINGLE GANG BOX 2 1/8" DEEPDXREFER TO PRODUCT DATASHEET1CSINGLE GANG BOX 2 1/8" DEEPNRNO BACKBOX REQUIRED1DSINGLE GANG BOX 2 1/8" DEEPTRM3.5" WIDE SNAP TRACK W/MOUNTING SCREWS				_				
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4G4" SQ. BOX 2 1/8" DEEP W/ SINGLE GANG COVER2CTWO GANG BOX 2 3/4" DEEP4H4" SQ. BOX 2 1/8" DEEP W/ TWO GANG COVER5A5 GANG BOX 2 1/2" DEEP4J4" SQ. BOX 2 1/2" DEEP6A6 SINGLE GANG BOX 2 1/2" DEEP4K4" OCT. BOX 1 1/2" DEEP6B6 GANG BOX4L4" OCT. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING6C6 GANG BOX 2 1/2" DEEP4M4 11/16" SQ. BOX 2 1/8" DEEP6D6 GANG BOX 3 1/2" DEEP4N4 11/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RINGFBOFURNISHED BY OTHERS4P4 11/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RINGFBOFURNISHED BY OTHERS4P4 11/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RINGMFGSUPPLIED BY MANUFACTURER4Q4" SQ. BOX 1 1/2" DEEP W/4098-9832 ADAPTERMDWMOUNTS TO DUCTWORK4R4" SQ. BOX 1 1/2" DEEP W/4098-9863 ADAPTERMDWMOUNTS IN BOX BEHIND DETECTOR4S4" SQ. BOX 1 1/2" DEEP W/4098-9863 ADAPTERWMWALL MOUNT1ASINGLE GANG BOX 1 1/2" DEEPDTDESK TOP MOUNT1BSINGLE GANG BOX 2 1/8" DEEPDSREFER TO PRODUCT DATASHEET1CSINGLE GANG BOX 2 1/8" DEEPNRNO BACKBOX REQUIRED1DSINGLE GANG BOX 2 1/8" DEEPNR3.5" WIDE SNAP TRACK W/MOUNTING SCREWS								
4H       4" SQ. BOX 2 1/8" DEEP W/ TWO GANG COVER       5A       5 GANG BOX 2 1/2" DEEP         4J       4" SQ. BOX 2 1/2" DEEP       6A       6 SINGLE GANG BOXES 3 1/2" DEEP         4K       4" OCT. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING       6C       6 GANG BOX 2 1/2" DEEP         4M       4 11/16" SQ. BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING       6C       6 GANG BOX 3 1/2" DEEP         4N       4 11/16" SQ. BOX 2 1/8" DEEP       6D       6 GANG BOX 3 1/2" DEEP         4N       4 11/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING       FBO       FURNISHED BY OTHERS         4P       4 11/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING       FBO       FURNISHED BY OTHERS         4Q       4" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING       MFG       SUPPLIED BY MANUFACTURER         4Q       4" SQ. BOX 1 1/2" DEEP W/4098-9832 ADAPTER       MDW       MOUNTS TO DUCTWORK         4R       4" SQ. BOX 1 1/2" DEEP W/RACO 787 OR EQUIV.       MBD       MOUNTS IN BOX BEHIND DETECTOR         4S       4" SQ. BOX 1 1/2" DEEP W/4098-9863 ADAPTER       WM       WALL MOUNT         1A       SINGLE GANG BOX 1 1/2" DEEP       DT       DESK TOP MOUNT         1B       SINGLE GANG BOX 2 1/8" DEEP       DS       REFER TO PRODUCT DATASHEET         1C       SINGLE GANG BOX 2 1/8" DEEP       NR       NO BACKBOX REQUIRED <td></td> <td></td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td>				_				
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4K       4" OCT. BOX 1 1/2" DEEP       6B       6 GANG BOX         4L       4" OCT. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING       6C       6 GANG BOX 2 1/2" DEEP         4M       4 11/16" SQ. BOX 2 1/8" DEEP       6D       6 GANG BOX 3 1/2" DEEP         4N       4 11/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING       FBO       FURNISHED BY OTHERS         4P       4 11/16" SQ. BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING       FBO       FURNISHED BY OTHERS         4Q       4" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING       MFG       SUPPLIED BY MANUFACTURER         4Q       4" SQ. BOX 1 1/2" DEEP W/4098-9832 ADAPTER       MDW       MOUNTS TO DUCTWORK         4R       4" SQ. BOX 1 1/2" DEEP W/4098-9863 ADAPTER       MDW       MOUNTS IN BOX BEHIND DETECTOR         4S       4" SQ. BOX 1 1/2" DEEP W/4098-9863 ADAPTER       WM       WALL MOUNT         1A       SINGLE GANG BOX 1 1/2" DEEP       DT       DESK TOP MOUNT         1B       SINGLE GANG BOX 2" DEEP       DS       REFER TO PRODUCT DATASHEET         1C       SINGLE GANG BOX 2 1/8" DEEP W/COVER       NR       NO BACKBOX REQUIRED         1D       SINGLE GANG BOX 2 1/8" DEEP W/COVER       TRM       3.5" WIDE SNAP TRACK W/MOUNTING SCREWS	<b>4J</b> 4" SQ. B	OX 2 1/2" DEEP	6A	6 5	SINGLE GANG BOXE	S 3 1/2" DEEP		
4M       4 11/16" SQ. BOX 2 1/8" DEEP       6D       6 GANG BOX 3 1/2" DEEP         4N       4 11/16" SQ. BOX 1 1/2" DEEP W/ 1 1/2" EXT. RING       FBO       FURNISHED BY OTHERS         4P       4 11/16" SQ. BOX 2 1/8" DEEP W/ 1 1/2" EXT. RING       MFG       SUPPLIED BY MANUFACTURER         4Q       4" SQ. BOX 1 1/2" DEEP W/4098-9832 ADAPTER       MDW       MOUNTS TO DUCTWORK         4R       4" SQ. BOX 1 1/2" DEEP W/AQO 787 OR EQUIV.       MBD       MOUNTS IN BOX BEHIND DETECTOR         4S       4" SQ. BOX 1 1/2" DEEP W/4098-9863 ADAPTER       WM       WALL MOUNT         1A       SINGLE GANG BOX 1 1/2" DEEP       DT       DESK TOP MOUNT         1B       SINGLE GANG BOX 2" DEEP       DS       REFER TO PRODUCT DATASHEET         1C       SINGLE GANG BOX 2 1/8" DEEP       NR       NO BACKBOX REQUIRED         1D       SINGLE GANG BOX 2 1/8" DEEP W/COVER       TRM       3.5" WIDE SNAP TRACK W/MOUNTING SCREWS		-	6B					
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1A     SINGLE GANG BOX 1 1/2" DEEP     DT     DESK TOP MOUNT       1B     SINGLE GANG BOX 2" DEEP     DS     REFER TO PRODUCT DATASHEET       1C     SINGLE GANG BOX 2 1/8" DEEP     NR     NO BACKBOX REQUIRED       1D     SINGLE GANG BOX 2 1/8" DEEP W/COVER     TRM     3.5" WIDE SNAP TRACK W/MOUNTING SCREWS			MBD	M	OUNTS IN BOX BEH	IND DETECTOR		
1A     SINGLE GANG BOX 1 1/2" DEEP     DT     DESK TOP MOUNT       1B     SINGLE GANG BOX 2" DEEP     DS     REFER TO PRODUCT DATASHEET       1C     SINGLE GANG BOX 2 1/8" DEEP     NR     NO BACKBOX REQUIRED       1D     SINGLE GANG BOX 2 1/8" DEEP W/COVER     TRM     3.5" WIDE SNAP TRACK W/MOUNTING SCREWS	<b>45</b> 4" SQ. B	OX 1 1/2" DEEP W/4098-9863 ADAPTER	WM	W	ALL MOUNT			
1B     SINGLE GANG BOX 2" DEEP     DS     REFER TO PRODUCT DATASHEET       1C     SINGLE GANG BOX 2 1/8" DEEP     NR     NO BACKBOX REQUIRED       1D     SINGLE GANG BOX 2 1/8" DEEP W/COVER     TRM     3.5" WIDE SNAP TRACK W/MOUNTING SCREWS	-		DT	DE	SK TOP MOUNT			
1C     SINGLE GANG BOX 2 1/8" DEEP     NR     NO BACKBOX REQUIRED       1D     SINGLE GANG BOX 2 1/8" DEEP W/COVER     TRM     3.5" WIDE SNAP TRACK W/MOUNTING SCREWS				-		DATASHEET		
1D     SINGLE GANG BOX 2 1/8" DEEP W/COVER     TRM     3.5" WIDE SNAP TRACK W/MOUNTING SCREWS				_				
							EWS	
FOR ADDITIONAL BACK BOX OPTIONS, REFER TO THE XX-700 SERIES DRAWINGS OR PRODUCT DATA SHEETS AND							-	

FIRE ALARM WIRE LIST							ACCEPTABLE CABLE T				
-	IRCUIT DESCRIPTION	CONSTRUCTION			RCUIT PROPERTIES			THHN	TFFN	OUTDOOR	Ŀ
A	ADDRESSABLE NOTIFICATION	UTP SOLID	14 AWG	1 1	AX CAPACITANCE; 3 . RECOMMENDED	X FPLR	K K				
В	RUI/N2 COMMUNICATION	TSP SOLID	16 AWG	60nf/ft MAX CAPACITANICE 3			Х				
D	DOOR HOLDER	TP SOLID	14 AWG			x	Х	Х			
Η	AUDIBLE CIRCUIT	2 COND. SOLID	14 AWG			х	х	Х			
K	REMOTE TEST SWITCH/LED	(2) 2 COND. SOLID	16 AWG			x	х	х			
М	IDNET	UTP SOLID	16 AWG			x	х				
Ρ	POWER	2 COND. SOLID	16 AWG			x	Х	Х			
R	RELAY	2 COND. SOLID	14 AWG			x	Х	Х			
S	AUDIO	UTP SOLID	16 AWG		IAX CAPACITANCE OMMENDED	x	Х				
Sd	DIGITAL AUDIO RISER	UTP SOLID	16 AWG		TANCE CABLE MAY BE REQUIRED	х	Х				
Ζ	ZONE (IDC)	2 COND. SOLID	16 AWG			x	Х	Х			
CC	NDUIT SIZE MAX CONDUCT			<b>DUCTOR AREA</b>							
	1/2" 0.12 SQ INC	II '		Q INCH *	*40% FILL PER N.E.C.						<b>-</b>
	3/4" 0.21 SQ INO 1" 0.34 SQ INO		0.82 SQ INCH * SUBSCRIPT "u": UN 1.34 SQ INCH * SHIELDED CABLES								
	OUTDOOR AERIAL CABLE REC	UIRES MESSENGER									1011
IN	EMS SUCH AS CAPACITANCE B ISTALLATION. THE INSTALLING HAT MEETS OR EXCEEDS THE AI PON REQUEST.	CONTRACTOR IS RESPON	SIBLE FOR SEL	ECTING AND I	NSTALLING CABLE MAN	IUFAC	CTUR	ER Al	ND M	ODEL	

## **APPLICABLE CODES & STANDARDS**

JURISDICTIONS WITHIN THE STATE MAY HAVE AMENDMENTS TO THE STATE ADOPTED CODE. CHECK WITH THE LOCAL JURISDICTION AUTHORITY FOR MORE DETAILS. Fire Prevention Code (NFPA 1), 2006 Edition Vational Electric Code (NFPA 70), 2014 Edition Elevator Code ASME A.17.1, 2013

OCCUPANCY TYPE(S) R-2 Residential Group

SPRINKLER PROTECTION: FULLY SPRINKLED

## **SCOPE OF WORK**

ALL WIRING TO BE CLASS A.

UTOMATIC FIRE ALARM SYSTEM SHALL TRANSMIT THE ALARM, SUPERVISORY AND TROUBLE SIGNALS TO AN APPROVED SUPERVISING STATION. THE SUPERV LISTED AS EITHER UUFX OR UUJS UNDERWRITERS LABORATORY OR SHALL MEET THE REQUIREMENTS OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3 YSTEM AND LEASED TELEPHONE LINES SHALL BE ARRANGED BY THE OWNER.

PROVIDE AND INSTALL A NEW AUTOMATIC AND MANUAL FIRE ALARM SYSTEM AS SHOWN ON DRAWINGS

### **ABBREVIATIONS LEGEND**

- AC = ABOVE CEILING C = CEILING MOUNTED
- E = ELEVATOR RECALL TRIP RC = EXISTING TO REMOVE AND COVER
- RD = EXISTING DEVICE TO BE RELOCATED RL = RELOCATED DEVICE RR = REMOVE EXISTING & REPLACE W/NEW
- WP = WEATHERPROOF XP = EXPLOSION PROOF
- H = HIGH HUMIDITY AFF = ABOVE FINISHED FLOOR
- AHJ = AUTHORITY HAVING JURISDICTION ALM = ALARM
- ANN = ANNUNCIATOR BMS = BUILDING MANAGEMENT SYSTEM
- CBC = CALIFORNIA BUILDING CODE
- CD = CANDELA RATING CSFM = CALIFORNIA STATE FIRE MARSHAL DET = DETECTOR
- DGP = DATA GATHERING PANEL
- EOL = END OF LINE EPO = EMERGENCY POWER OFF
- FACP = FIRE ALARM CONTROL PANEL FATC = FIRE ALARM TERMINAL CABINET
- FBO = FURNISHED BY OTHERS FCC = FIRE COMMAND CENTER
- FAA = FIRE ALARM ANNUNCIATOR FTR = FIRE ALARM TRANSPONDER
- FSD = FIRE SMOKE DAMPER

- SYSTEM SEQUENCE OF OPERATIONS
- SUPV = SUPERVISORY TAC = TRUEALERT ADDRESSABLE CONTROLLER TRBL = TROUBLE TS = TAMPER SWITCH TYP = TYPICAL UON = UNLESS OTHERWISE NOTED VCC = VOICE COMMAND CENTER

- VT = VALVE TAMPER WF = WATERFLOW W = WATTAGE

W/ = WITHW/O = WITHOUT

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				لعر	STEM	AND SHOW						× 10, 11, 10, 00, 10, 10, 10, 10, 10, 10,		
				S. N.								NO NO	N N N	
		R											NA STA	
	SYSTEM INPUTS	Α	В	С	D	E	F	G	Н	Ι	J	Κ	L	Ź
1	SMOKE SENSOR/DETECTOR	•	٠					٠	٠	٠	٠	٠	٠	
2	MANUAL PULL STATION	•	٠					٠	٠	٠		٠	٠	L
3	HEAT SENSOR/DETECTOR	•	•					٠	٠	•	٠	٠	•	
4	CO SENSOR/BASE	•	•					•			•	•	•	╞
5	MAIN FLR. ELEV. LOBBY SMOKE DETECTOR	•	•					•	•	•		•	•	╞
6	ELEVATOR LOBBY SMOKE DETECTORS (EXC. MAIN FLR.)	•	•					•	•	•	•	•	•	┝
7	ELEVATOR MECH. ROOM HEAT DETECTOR ELEVATOR MECH. ROOM SMOKE DETECTOR	•	•					•	•	•	•	•	•	_
8 9	ELEVATOR MECH. ROOM SMORE DETECTOR	•	•					•	•	•	•	•	•	-
10	ELEVATOR SHAFT HEAT DETECTOR	•	•					•	•	•	•	•	•	+
11	ELEVATOR SHAFT SMOKE DETECTOR	-	-	•	•			•	-	-	-	•	<b>–</b>	-
12	WATERFLOW SWITCH	•	•	-	-			•	•	•		•	•	┢
13	TAMPER SWITCH	-	-	•	•			•	-	-	•	•	-	+
14	FIRE PUMP RUNNING			•	•			•				•		T
15	FIRE PUMP POWER FROM ALTERNATE SOURCE			•	•			•				•		t
16	FIRE PUMP PHASE LOSS/REVERSAL			•	•			٠				٠		T
17	GENERATOR RUNNING			•	•			•				•		Γ
18	GENERATOR FAULT					٠	٠	٠				٠		
19	FIRE ALARM AC POWER FAILURE					٠	٠					٠		
20	OPEN CIRCUIT OR GROUND FAULT					٠	٠					٠		
21	FIRE ALARM SYSTEM LOW BATTERY					•	٠					•		
22	CLASS A NOTIFICATION CIRCUIT (NAC) - SHORT					٠	٠					٠		
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	TYCO SimplexGrinn	ell CONTACTS	
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PARDS ED CODE. CHECK WITH THE			Smar Smar MAS DRIVI MAS DRIVI
	PROJECT DIRECTOR	Y Tyco SimplexGrinnell District - 147	Safer. BISTRIC WESTIBR
	FRANKLIN TOWERS 211 CUMBERLAND AVE PORTLAND, ME 04101	30 THOMAS DRIVE WESTBROOK, ME 04092 PHONE: 207-842-6440 FAX: 207-842-6439 SERVICE: 207-842-6440	
	Engineer Of Record COLBY COMPANY ENGINEERING 47A YORK STREET PORTLAND, ME 04101	Installer DEBLOIS ELECTRIC 1033 SABATTUS ST PO BOX 7899 LEWISTON, ME 04243-3339	
OTECTION: LED		Owner	
		PORTLAND HOUSING AUTHORITY 14 BAXTER BLVD PORTLAND, ME 04101-1822	
WINGS.	DESIGN STATEMEN	Γ	
ALS TO AN APPROVED SUPERVISING STATION. THE SUPERVISING STATION SHALL BE S OF FACTORY MUTUAL RESEARCH APPROVAL STANDARD 3011. SUPERVISION OF	THIS PROJECT'S DESIGN IS BASED ON THE ENGINEERED COLBY COMPANY ENGINEERING ARCHITECTURAL PLANS DATED:		
	MECHANICAL PLANS DATED: ELECTRICAL PLANS DATED: 02/02/2 SPECIFICATIONS DATED: 02/06/2 ADDENDUM DATED: 10/16/2	17	
HT = HEIGHT	DEVICE TAG LEGENI		- RS
NAC = NOTIFICATION APPLIANCE CIRCUIT NDU = NETWORK DISPLAY UNIT NEC = NATIONAL ELECTRIC CODE NFPA = NATIONAL FIRE PROTECTION ASSOCIATION NIC = NOT IN CONTRACT NPU = NETWORK PROCESSING UNIT NTS = NOT TO SCALE PAP = PRE-ACTION PANEL SCC = STATUS COMMAND CENTER SLC = SIGNALING LINE CIRCUIT SMK = SMOKE SUPV = SUPERVISORY TAC = TRUEALERT ADDRESSABLE CONTROLLER TRBL = TROUBLE TS = TAMPER SWITCH TYP = TYPICAL UON = UNLESS OTHERWISE NOTED VCC = VOICE COMMAND CENTER VT = VALVE TAMPER WF = WATERFLOW W = WATTAGE W/ = WITH W/O = WITHOUT	<ul> <li>#:T# =</li> <li>N#: =</li> <li>CIRCUIT DES</li> <li>A#:# =</li> <li>D# = I</li> <li>F# = F</li> <li>H# = /</li> <li>M# =</li> <li>P# = F</li> <li>S# = S</li> <li>V# = V</li> <li>Z# = Z</li> <li>DEVICE NU</li> <li>BRANCH / IS</li> <li>(L#) =</li> <li>(#) = I</li> <li>(E#:#)</li> </ul>	= EPS NUMBER:EPS CHANNEL NUMBER DOOR HOLDER CIRCUIT NUMBER IRE PHONE CIRCUIT AUDIBLE (HORN) CIRCUIT NUMBER IDNET LOOP NUMBER POWER CIRCUIT NUMBER SPEAKER CIRCUIT NUMBER VISUAL CIRCUIT NUMBER ZONE NUMBER	MILIA JANIO FRANKLIN TOWEI FRANKLIN TOWERS 211 CUMBERLAND AVE PORTLAND, ME 04101
TIONS	NOTIFICATION	FIRE SAFETY CONTROL	risions shown w
	S         T         U         V         W         X         Y         Z         AA         AB         AC         AD         /	AE AF AG AH AI AJ REMARKS	DATE CAD CHK DESCRIPTION
		•     1       2     •       •     3       •     4	
		•         6           •         7           •         8           •         9	
			DRAWN BY:     J.DELACRUZ       CHECKED BY:     A.ONEAL       ISSUE DATE:     1/19/18       JOB #:     ISSUE DATE:
			PROJECT #: 147:604032801 TYCO SIMPLEXGRINNELL © 2018 SYSTEM:
•     •     •     •     •     •     •       •     •     •     •     •     •     •       •     •     •     •     •     •     •			FIRE ALARM SYSTEM
•       •		•     21       •     22       •     23       •     24       •     25       •     26       27	COVER SHEET
		27           28           29           30           31	<u> </u>
C D E F G H I J K L M N O P Q R	S T U V W X Y Z AA AB AC AD A	AE AF AG AH AI AJ	<b>FA-000</b>