

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

FACP CALCULATIONS AND SCHEDULES

TRANSPONDER CALCULATIONS AND SCHEDULES

TRANSPONDER CALCULATIONS AND SCHEDULES

TRANSPONDER CALCULATIONS AND SCHEDULES

BASEMENT THROUGH FOURTH FLOOR RISER DIAGRAM

TWELFTH THROUGH SIXTEENTH FLOOR RISER DIAGRAM

FIFTH THROUGH ELEVENTH FLOOR RISER DIAGRAM

Safer. Smarter. Tyco.[™]

FRANKLIN TOWERS

FIRE ALARM SYSTEM

LEGENDS

DRAWING INDEX

Sheet List Table

GENERAL NOTES

FA-604

FA-605

FA-606

FA-701

FA-702

FA-703

- 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	-₩ _{6.8K}	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				_				
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 3/4" 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 1/2" DEEP 6A 6 SINGLE GANG BOX 2 1/2" DEEP 4K 4" OCT. BOX 1 1/2" DEEP 6B 6 GANG BOX 2 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 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 MANUFACTURER 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/ 1098-9832 ADAPTER MDW MOUNTS TO DUCTWORK 4R 4" SQ. BOX 1 1/2" DEEP W/A098-9863 ADAPTER MDW MOUNTS IN BOX BEHIND DETECTOR 4S 4" SQ. BOX 1 1/2" DEEP W/4098-9863 ADAPTER WM WALL MOUNT MA 1A SINGLE GANG BOX 2 1/8" DEEP DT<								
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>				_				
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 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 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 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 NR NO BACKBOX REQUIRED 1D SINGLE GANG BOX 2 1/8" DEEP W/COVER TRM 3.5" WIDE SNAP TRACK W/MOUNTING SCREWS				_				
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	4J 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					
4N4 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. RINGMFGSUPPLIED BY MANUFACTURER4Q4" SQ. BOX 1 1/2" DEEP W/4098-9832 ADAPTERMDWMOUNTS TO DUCTWORK4R4" SQ. BOX 1 1/2" DEEP W/RACO 787 OR EQUIV.MBDMOUNTS IN BOX BEHIND DETECTOR4S4" SQ. BOX 1 1/2" DEEP W/4098-9863 ADAPTERWMWALL MOUNT1ASINGLE GANG BOX 1 1/2" DEEP W/4098-9863 ADAPTERDTDESK TOP MOUNT1BSINGLE GANG BOX 2 "DEEPDTDESK TOP MOUNT1CSINGLE GANG BOX 2 "DEEPDSREFER TO PRODUCT DATASHEET1DSINGLE GANG BOX 2 1/8" DEEP W/COVERTRM3.5" WIDE SNAP TRACK W/MOUNTING SCREWS				_				
4P4 11/16" SQ. BOX 2 1/8" 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/RACO 787 OR EQUIV.MBDMOUNTS 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" DEEPDSREFER TO PRODUCT DATASHEET1CSINGLE GANG BOX 2 1/8" DEEPNRNO BACKBOX REQUIRED1DSINGLE GANG BOX 2 1/8" DEEP W/COVERTRM3.5" WIDE SNAP TRACK W/MOUNTING SCREWS			÷ =	_				
4Q4" SQ. BOX 1 1/2" DEEP W/4098-9832 ADAPTERMDWMOUNTS TO DUCTWORK4R4" SQ. BOX 1 1/2" DEEP W/RACO 787 OR EQUIV.MBDMOUNTS 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" DEEPDSREFER TO PRODUCT DATASHEET1CSINGLE GANG BOX 2 1/8" DEEPNRNO BACKBOX REQUIRED1DSINGLE GANG BOX 2 1/8" DEEP W/COVERTRM3.5" WIDE SNAP TRACK W/MOUNTING SCREWS								
4R4" SQ. BOX 1 1/2" DEEP W/RACO 787 OR EQUIV.MBDMOUNTS 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" DEEPDSREFER TO PRODUCT DATASHEET1CSINGLE GANG BOX 2 1/8" DEEPNRNO BACKBOX REQUIRED1DSINGLE GANG BOX 2 1/8" DEEP W/COVERTRM3.5" WIDE SNAP TRACK W/MOUNTING SCREWS				-				
4S4" SQ. BOX 1 1/2" DEEP W/4098-9863 ADAPTERWMWALL MOUNT1ASINGLE GANG BOX 1 1/2" DEEPDTDESK TOP MOUNT1BSINGLE GANG BOX 2" DEEPDSREFER TO PRODUCT DATASHEET1CSINGLE GANG BOX 2 1/8" DEEPNRNO BACKBOX REQUIRED1DSINGLE GANG BOX 2 1/8" DEEP W/COVERTRM3.5" WIDE SNAP TRACK W/MOUNTING SCREWS				-				
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	45 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			DUCTOR AREA							
	1/2" 0.12 SQ INC	II '		Q INCH *	*40% FILL PER N.E.C.						-
	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

						OUT A A A A A A A A A A A A A A A A A A A	<u>ب</u> الأ	DICH	54 			× 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,		
				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	-	-	•	•			•	-	-	-	•	–	-
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		
23														╞
24														╞
25														╞
26 27													<u> </u>	┢
														┢
20														┢
30														\vdash
28 29 30 31													<u> </u>	t
32														t
		Α	В	С	D	Ε	F	G	Н	Ι	J	Κ	L	

	TYCO SimplexGrinn	ell CONTACTS	
	Sales Representative CHRISTOPHER AYERS CHRISTOPHER.AYERS@JCI.COM PHONE: 207-317-9171 Project Manager JOHN HALE JOHN.HALE@JCI.COM PHONE: 207-239-5100	Drawings Prepared By JUAN DELACRUZ JUAN.DELACRUZ@JCI.COM PHONE: 603-886-1100 Drawings Reviewed By ALAN O'NEAL ALAN.ONEAL@JCI.COM PHONE: 978-731-7230	CCD SimplexGrinnell ter. Tyco. ^m 6440 FAX: 207-842-6440
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	 #:T# = N#: = CIRCUIT DES A#:# = D# = I F# = F H# = / M# = P# = F S# = S V# = V Z# = Z DEVICE NU BRANCH / IS (L#) = (#) = I (E#:#) 	= 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	FA-000