SEATTLE CENTER
ARMORY FIRE ALARM SYSTEM

SITE

CENTER HOUSE
305 HARRISON ST
SEATTLE, WA 98109

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Revisions shown as

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4	01-22-16	JS	CM	REV - UPDATES & ADDS
	11-21-2017	JS	CM	RECORD DRAWING

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CHECKED BY:	C.MCCAMMON
ISSUE DATE:	12/24/14
JOB #:	
PROJECT #:	458:985980502
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SYSTEM:	FIRE ALARM SYSTEM
SHEET:	COVER SHEET

FA-001

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GENERAL NOTES

1. THESE DRAWINGS DEPICT GENERAL LOCATIONS OF LIFE SAFETY EQUIPMENT & FIELD DEVICES. EXACT ROUTING OF CONDUITS TO BE DETERMINED IN THE FIELD BY THE INSTALLING CONTRACTOR TO SUIT CONDITIONS. ALL CHANGES SHALL BE CLEARLY INDICATED ON THE RECORD DRAWINGS.
2. 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 SIMPLEXGRINNELL IN A TIMELY MANNER SO AS NOT TO IMPAIR THE CONSTRUCTION SCHEDULE.
3. 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.
4. A STAMPED SET OF APPROVED FIRE ALARM DRAWINGS SHALL BE AT THE JOB SITE AND SHALL BE USED FOR INSTALLATION.
5. 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.
6. UPDATE THE AS-BUILT DRAWING SET DAILY WITH JOB PROGRESS. RETURN THE AS-BUILT DRAWING SET TO SIMPLEXGRINNELL NO LATER THAN 7 DAYS AFTER FINAL TEST.
7. THE CONTRACTOR WILL MAINTAIN ALL AREAS OF THE BUILDING IN A NEAT AND WORKMAN LIKE MANNER.
8. DO NOT APPLY POWER EXCEPT IN THE PRESENCE OF A FACTORY TRAINED SIMPLEXGRINNELL TECHNICAL REPRESENTATIVE.
9. 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.
10. 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.
11. 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 NEC.
12. ALL WIRING SHALL BE INSTALLED ACCORDING TO NFPA 70 (NEC).
13. FIRE ALARM CIRCUITS SHALL BE IDENTIFIED IN ACCORDANCE WITH APPROPRIATE SECTION OF NEC 760. MARK ALL FIRE ALARM WIRES IN ACCORDANCE WITH NEC 760 SECTIONS FOR POWER LIMITED AND NON-POWER LIMITED WIRE.
14 FIRE ALARM CABLE INSTALLED IN DUCTS, PLENUM, AND OTHER SPACES USED FOR ENVIRONMENTAL AIR SHALL BE TYPE FPLP.
15. FIRE ALARM CABLE INSTALLED IN THE VERTICAL RUNS AND PENETRATE MORE THAN ONE FLOOR OR CABLES INSTALLED IN VERTICAL RUNS IN SHAFTS SHALL BE TYPE FPLR.
16. FIRE ALARM CABLE INSTALLED IN UNDERGROUND CONDUIT OR OTHER WET LOCATIONS SHALL BE UL LISTED FOR WET LOCATIONS.
17. FIRE ALARM CIRCUITS EXTENDING BEYOND ONE BUILDING AND RUN OUTDOOR SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 70 ARTICLES 760, 770, 725 AND 800 WHERE APPLICABLE.
18. ALL WIRING, INCLUDING SHIELDS MUST BE DRY AND FREE OF SHORTS AND GROUNDS.
19. ALL SHIELDED WIRE MUST HAVE SHIELD CONTINUITY AT FULL LENGTH OF THE WIRE.
20. ONLY SYSTEM WIRING CAN BE RUN IN THE SAME CONDUIT.
21. 120VAC IS NOT PERMITTED IN THE SAME CONDUIT WITH LOW VOLTAGE WIRING.
22. MAINTAIN 40 PERCENT CONDUIT FILL RATIO AS PER NEC REQUIREMENTS.
23. 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. SIMPLEXGRINNELL MAKES NO STATEMENTS WRITTEN OR VERBAL AS TO THE CONDITION OF EXISTING CONDUITS.

WIRE SCHEDULE

FIRE ALARM WIRE LIST

	CIRCUIT DESCRIPTION	RISER RATED: FPLR	SINGLE CONDUCTOR(THHN,TFFN)	PLENUM RATED: FPLP
B	RUI/N2 COMMUNICATION 1 PAIR 18 AWG TWISTED OVERALL SHIELD	SG ANIX./PAIGE 740215 AREA=0.0196 SQ. INCH ANIXTER PART NUMBER 1740215		SG ANIX./PAIGE 740214L AREA=0.0196 SQ. INCH ANIXTER PART NUMBER FAMC-1802C-1-2S-03B5
D	DOOR HOLDER CIRCUIT 2 CONDUCTOR TWISTED PAIR 14 AWG SOLID	SG ANIX./PAIGE 454718ARE AREA=0.0380 SQ. INCH ANIXTER PART NUMBER FA-1402C-1-1N-03-BX	(2) #14 AWG AREA=0.0097 SQ. INCH (EACH)	SG ANIX./PAIGE 454719ARE AREA=0.0333 SQ. INCH ANIXTER PART NUMBER FA-1402C-1-2N-03
M	MAPNET/IDNET CIRCUIT 1 PAIR 18 AWG TWISTED OVERALL SHIELD	SG ANIX./PAIGE 740215 AREA=0.0196 SQ. INCH ANIXTER PART NUMBER 1740215		SG ANIX./PAIGE 740214L AREA=0.0196 SQ. INCH ANIXTER PART NUMBER FAMC-1802C-1-2S-03B5
M	NAC TRIP CIRCUIT 1 PAIR 14 AWG	EXISTING		
P	POWER CIRCUIT 2 CONDUCTOR 14 AWG SOLID (SUBSCRIPT "r" IF RESETTABLE)	SG ANIX./PAIGE 454718ARE AREA=0.0380 SQ. INCH ANIXTER PART NUMBER FA-1402C-1-1N-03-BX	(2) #14 AWG AREA=0.0097 SQ. INCH (EACH)	SG ANIX./PAIGE 454719ARE AREA=0.0333 SQ. INCH ANIXTER PART NUMBER FA-1402C-1-2N-03
R	RELAY CIRCUIT 2 CONDUCTOR 14 AWG SOLID	SG ANIX./PAIGE 454718ARE AREA=0.0380 SQ. INCH ANIXTER PART NUMBER FA-1402C-1-1N-03-BX	(2) #14 AWG AREA=0.0097 SQ. INCH (EACH)	SG ANIX./PAIGE 454719ARE AREA=0.0333 SQ. INCH ANIXTER PART NUMBER FA-1402C-1-2N-03
S	AUDIO CIRCUIT 1 PAIR 14 AWG TWISTED OVERALL SHIELD	SG ANIX./PAIGE 454726BRE AREA=0.0373 SQ. INCH ANIXTER PART NUMBER FA-1402C-1-1S-03		SG ANIX./PAIGE 454727ARE AREA=0.0340 SQ. INCH ANIXTER PART NUMBER FA-1402C-1-2S-03
V	VISUAL/SIGNAL CIRCUIT - 2 CONDUCTOR 14 AWG STRANDED	ANIXTER PART NUMBER FA-1402C-2-1N-03 AREA=0.0449 SQ. INCH	(2) #14 AWG AREA=0.0097 SQ. INCH (EACH)	SG ANIX./PAIGE 454696ARE AREA=0.0366 SQ. INCH ANIXTER PART NUMBER FA-1402C-2-2N-03
Z	ZONE CIRCUIT 2 CONDUCTOR 14 AWG SOLID	SG ANIX./PAIGE 454718ARE AREA=0.0380 SQ. INCH ANIXTER PART NUMBER FA-1402C-1-1N-03-BX	(2) #14 AWG AREA=0.0097 SQ. INCH (EACH)	SG ANIX./PAIGE 454719ARE AREA=0.0333 SQ. INCH ANIXTER PART NUMBER FA-1402C-1-2N-03
Z	BATTERY 2 CONDUCTOR 14 AWG THHN	EXISTING		

CONDUIT SIZE	CONDUCTOR AREA	CONDUIT SIZE	CONDUCTOR AREA
1/2"	0.12 SQ INCH *	1-1/4"	0.60 SQ INCH *
3/4"	0.21 SQ INCH *	1-1/2"	0.82 SQ INCH *
1"	0.34 SQ INCH *	2"	1.34 SQ INCH *

* 40% FILL PER N.E.C.

THE CABLES SPECIFIED HERE ARE FOR REFERENCE OF REQUIRED ELECTRICAL CHARACTERISTICS AS WELL AS CODE REQUIREMENTS. ALTERNATE SUPPLIERS MAY BE SUBSTITUTED PROVIDING EQUIVALENT CHARACTERISTICS ARE MAINTAINED. ITEMS SUCH AS CAPACITANCE BETWEEN CONDUCTORS AND WIRE GAUGE CAN BE CRUCIAL TO THE CIRCUIT DESIGN OF THIS SYSTEM INSTALLATION.

REFERENCE https://www.anixter.com/customer/tycofs FOR SG ANIXTER CABLE DATA

GENERAL NOTE

ELECTRICAL CONTRACTOR ASBUILTS

- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING SIMPLEXGRINNELL WITH ACCURATE REDLINED DRAWINGS. DRAWINGS SHALL BE REDLINED AS NECESSARY TO SHOW THE FOLLOWING:
  - DEVICE LOCATIONS - ADDS/DELETES.
  - CIRCUIT NUMBERS - ADDRESSABLE/SIGNAL/AUXILIARY/ZONE.
  - WIRE/CONDUIT - ACCURATE ROUTING.
  - WIRE FILL - USING WIRE CODE.
  - EOL RESISTOR LOCATIONS.

SIMPLEXGRINNELL WILL PROVIDE (UPON REQUEST) A BLANK SET OF FLOOR PLANS TO BE REDLINED. SIMPLEXGRINNELL WILL INCORPORATE ALL REDLINED CHANGES INTO THE RECORD AUTOCAD SET OF DRAWINGS.

SYSTEM DESCRIPTION / SCOPE OF WORK

OCCUPANCY TYPE: B BUSINESS GROUP

MODIFY EXISTING FIRE ALARM SYSTEM: PROVIDE NEW DEVICES, RELOCATE AND DEMO EXISTING DEVICES AS SHOWN ON DRAWINGS. EXISTING DEVICES & PANELS ARE TO REMAIN. NEW NAC EXPANDER PANEL WILL BE USE TO POWER ALL NEW NOTIFICATION DEVICES. SPEAKER CIRCUITS WILL BE FEED FROM EXISTING AMP ON TRANSPONDER #2. NEW INITIATING DEVICES WILL BE WIRING ON A NEW IDNET (M4) CIRCUIT BACK TO TRANSPONDER #2. ALL NEW AND EXITING NAC EXPANDER TO BE TRIP VIA IDNET M4.

ALL NEW WIRING TO BE CLASS B.

THE EXISTING FIRE ALARM SYSTEM SHALL NOT BE DISCONNECTED OR TAKEN OUT OF SERVICE WITHOUT WRITTEN PERMISSION FROM THE OWNER. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE WITH THE OWNER THE TIMING OF ANY EXISTING FIRE ALARM SYSTEM DEMOLITION WORK.

FIRE ALARM APPLICABLE CODES & STANDARDS

WASHINGTON ADMINISTRATIVE CODE CHAPTERS 51-54, 2012 (AMENDED INTERNATIONAL FIRE CODE (IFC), 2012 EDITION)

NATIONAL FIRE ALARM CODE (NFPA 72), 2010 EDITION

NATIONAL ELECTRIC CODE (NFPA 70), 2008 EDITION

ELEVATOR CODE - ASME A17.1-2004, ASME A17.1A-2005

JURISDICTIONS WITHIN THE STATE MAY HAVE AMENDMENTS TO THE STATE ADOPTED CODE. CHECK WITH THE LOCAL JURISDICTION AUTHORITY FOR MORE DETAILS.

ABBREVIATIONS LEGEND

AC = ABOVE CEILING
C = CEILING MOUNTED
E = EXISTING TO REMAIN
RC = EXISTING TO REMOVE AND COVER
RD = EXISTING DEVICE TO BE RELOCATED
RL = RELOCATED DEVICE
RR = REMOVE EXISTING AND 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 = (eg. 15CD) CANDELA
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

HT = HEIGHT
HVAC = HEATING, VENTILATION, & AIR CONDITIONING
IMS = INFORMATION MANAGEMENT SYSTEM
MAX = MAXIMUM
MIN = MINIMUM
N/A = NOT APPLICABLE
NAC = NOTIFICATION APPLIANCE CIRCUIT EXTENDER
NDU = NETWORK DISPLAY UNIT
NEC = NATIONAL ELECTRICAL 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 = WATER FLOW
W = (eg. 1/2W) WATT
W/ = WITH
W/O = WITH OUT

DEVICE ADDRESSING LEGEND

ADDRESSABLE CARD (IDNET OR MAPNET) — TRANSPONDER — DEVICE ADDRESS
T1:M2-1
ADDRESSABLE DEVICES NUMBERING

4009 NAC PANEL (WHEN APPLICABLE) — TRANSPONDER — CIRCUIT DESIGNATOR V=VISUAL OR A/V, H=AUDIBLE ONLY) — DEVICE DESIGNATOR
T2:NAC1:V2-1
VISUAL, AUDIBLE OR A/V DEVICE

SEE CALCULATIONS (SHEET FA-601) FOR TYPE.
SIG#
SIGNAL SPEAKER OR VISUAL

SEQUENCE OF OPERATION

Sequence of Operation	Manual Station	Smoke Detection	1st Flr Elev Lobby Smoke Detection	1st Flr Smoke Detection Elev Lobbies Except	Elev Mach Rm Smoke Detection	Heat Detection	System Trouble	Duct Smoke Detection
Activation of Local Alarm at FACP (LCD Display & Audible Indication)	X	X	X	X	X	X		
Activation of Local Alarm at Annunciator	X	X	X	X	X	X		
Activate all Audible/Visible Devices	X	X	X	X	X	X		
Release Door Holders	X	X	X	X	X	X		
Close Smoke/Fire Dampers	X	X	X	X	X	X		
Primary Elevator Recall Recall to First Floor				X	X			
Alternate Elevator Recall Recall to Second Floor			X					
Transmit Alarm Signal To Central Station Monitor	X	X	X	X	X	X		
Trouble Indication at FACP							X	
Trouble Indication at Annunciator							X	
Transmit Trouble Signal To Central Station Monitor							X	
Supv. Indication at FACP								X
Supv. Indication at Annunciator								X
Transmit Supv. Signal To Central Station Monitor								X

SYMBOL KEY

FIRE ALARM SYMBOLS LEGEND

SYMBOL	DESCRIPTION	MODEL#	COMMONLY USED BACKBOX, REFER TO DATA SHEET FOR OTHER OPTIONS
FACP	FIRE ALARM CONTROL PANEL W / VARIOUS BATTERY SETS	SIMPLEX 4100-9111 REFER TO BATTERY CHARTS	EXISTING FACP
NAC#	NAC EXTENDER PANEL # DESIGNATES THE NAC PANEL NUMBER W / 6.2AH BATTERY SET	SIMPLEX 4009-9201 SIMPLEX 2081-9272	SUPPLIED BY SIMPLEXGRINNELL
XPDR#	FIRE ALARM TRANSPONDER PANEL	SIMPLEX 4100-9600	EXISTING TRANSPONDER
KHSS	KITCHEN HOOD	SUPPLIED BY OTHERS	SUPPLIED BY OTHERS
MC WP	WEATHERPROOF WALL MOUNT MULTI-CANDELA STROBE ONLY WHITE # =CANDELA RATING	SIMPLEX 4906-9106	SUPPLIED BY SIMPLEXGRINNELL
MC PC	WALL MOUNT MULTI-CANDELA SPEAKER/STROBE WHITE # =CANDELA RATING, #W = SPEAKER TAP ***USE 25 VOLT TAP****	SIMPLEX 4906-9153	4" SQUARE BOX 1 1/2" DEEP W/ 1 1/2" EXTENSION RING W/4905-9947 ADAPTER SKIRT WHEN SURFACE MOUNTED
MC PC C	CEILING MOUNT MULTI-CANDELA SPEAKER/STROBE WHITE # =CANDELA RATING, #W = SPEAKER TAP ***USE 25 VOLT TAP****	SIMPLEX 4906-9154	4" SQUARE BOX 1 1/2" DEEP W/ 1 1/2" EXTENSION RING
MC	CEILING MOUNT MULTI-CANDELA STROBE ONLY WHITE # =CANDELA RATING	SIMPLEX 4906-9104	HANDY BOX 1 1/2" DEEP
MC	WALL MOUNT MULTI-CANDELA STROBE ONLY WHITE # =CANDELA RATING	SIMPLEX 4906-9103	4" SQUARE BOX 1 1/2" DEEP W/4905-9937 ADAPTER SKIRT WHEN SURFACE MOUNTED
F	MANUAL PULL STATION	SIMPLEX 4099-9001	SINGLE GANG BOX 2 1/2" DEEP
Z	SMOKE SENSOR / BASE	SIMPLEX 4098-9714 SIMPLEX 4098-9792 BASE	4" OCTAGONAL BOX 1 1/2" DEEP
H	HEAT SENSOR / BASE	SIMPLEX 4098-9733 SIMPLEX 4098-9792 BASE	4" OCTAGONAL BOX 1 1/2" DEEP
H Z	DUCT SMOKE SENSOR	SIMPLEX 4098-9756	MOUNT TO DUCTWORK
	DOOR HOLDER	SUPPLIED BY OTHERS	SUPPLIED BY OTHERS
JB	JUNCTION/PULL BOX	SUPPLIED BY OTHERS	SUPPLIED BY OTHERS
VS	TAMPER SWITCH	SUPPLIED BY OTHERS	INSTALLED BY MECHANICAL CONTRACTOR
WF	WATERFLOW SWITCH	SUPPLIED BY OTHERS	INSTALLED BY MECHANICAL CONTRACTOR
	END-OF-LINE RESISTOR 3.3K (EOL) END-OF-LINE RESISTOR 4.7K (EOL) END-OF-LINE RESISTOR 6.8K (EOL) END-OF-LINE RESISTOR 10K (EOL)	SIMPLEX 4081-9002 SIMPLEX 4081-9003 SIMPLEX 4081-9004 SIMPLEX 4081-9008	
KAA	RELAY IAM	SIMPLEX 4090-9002	4" SQUARE BOX 2 1/8" DEEP W/TWO GANG COVER
AM	INDIVIDUAL ADDRESSABLE MODULE	SIMPLEX 4090-9001	SINGLE GANG BOX 2 1/2" DEEP WITH COVER
AM P	MONITOR ZAM	SIMPLEX 4090-9101	4" SQUARE BOX 2 1/8" DEEP W/TWO GANG COVER
A Z CO	SMOKE SENSOR, WITH CO SENSOR BASE	SIMPLEX 4098-9714 SIMPLEX 4098-9770 BASE	4" OCTAGONAL BOX 1 1/2" DEEP
RA	RELAY	EXISTING	*
Z BT Z BR	BEAM DETECTOR "BT" DENOTES TRANSCEIVER "BR" DENOTES RECEIVER	SYSTEM SENSOR BEAM1224S	*
HCD	WALL MOUNT MULTI-CANDELA STROBE ONLY, WHITE # = CANDELA RATING	SIMPLEX 4906-9111	4" SQUARE BOX 1 1/2" DEEP W/4905-9940 ADAPTER SKIRT WHEN SURFACE MOUNTED
S	SPEAKER ONLY, WALL MOUNT #W = SPEAKER TAP ***USE 25 VOLT TAP****	SIMPLEX 4902-9717	4" SQUARE BOX 1 1/2" DEEP W/ 1 1/2" RING W/4905-9942 ADAPTER SKIRT WHEN SURFACE MOUNTED
PC	EXISTING SPEAKER/STROBE COMBINATION, WALL MOUNT # = CANDELA RATING, #W=SPEAKER TAP ***USE 25 VOLT TAP****	SIMPLEX 4903-9356 SIMPLEX 4903-9357 SIMPLEX 4903-9358	4" SQUARE BOX 1 1/2" DEEP W/ 1 1/2" RING W/4905-9946 ADAPTER SKIRT WHEN SURFACE MOUNTED
	EXISTING STROBE ONLY, WALL MOUNTED # = CANDELA RATING	SIMPLEX 4904-9331 SIMPLEX 4904-9332 SIMPLEX 4904-9333	4" SQUARE BOX 1 1/2" DEEP W/4905-9937 ADAPTER SKIRT WHEN SURFACE MOUNTED

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SYSTEM: FIRE ALARM SYSTEM

SHEET: GENERAL INFORMATION

FA-002

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30" x 42" - Arch E1 Size

GENERAL NOTES:
1. GRAY OUT DEVICES & CONDUIT ARE EXISTING TO REMAIN.
2. NEW ADDRESSABLE DEVICES WILL BE TIE TO IDNET #4 (N4) ON TRANSPONDER 2
3. ALL EXISTING AND NEW NAC EXPANDER PANELS WILL BE TRIP VIA IDNET #4.
4. TIE NEW SPEAKERS TO EXISTING "SG15" SPEAKER CIRCUIT.

PLAN NORTH

BASEMENT FLOOR

SCALE: 3/32" = 1'=0"

0 5 10 20 (IN FEET)

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BASEMENT FLOOR

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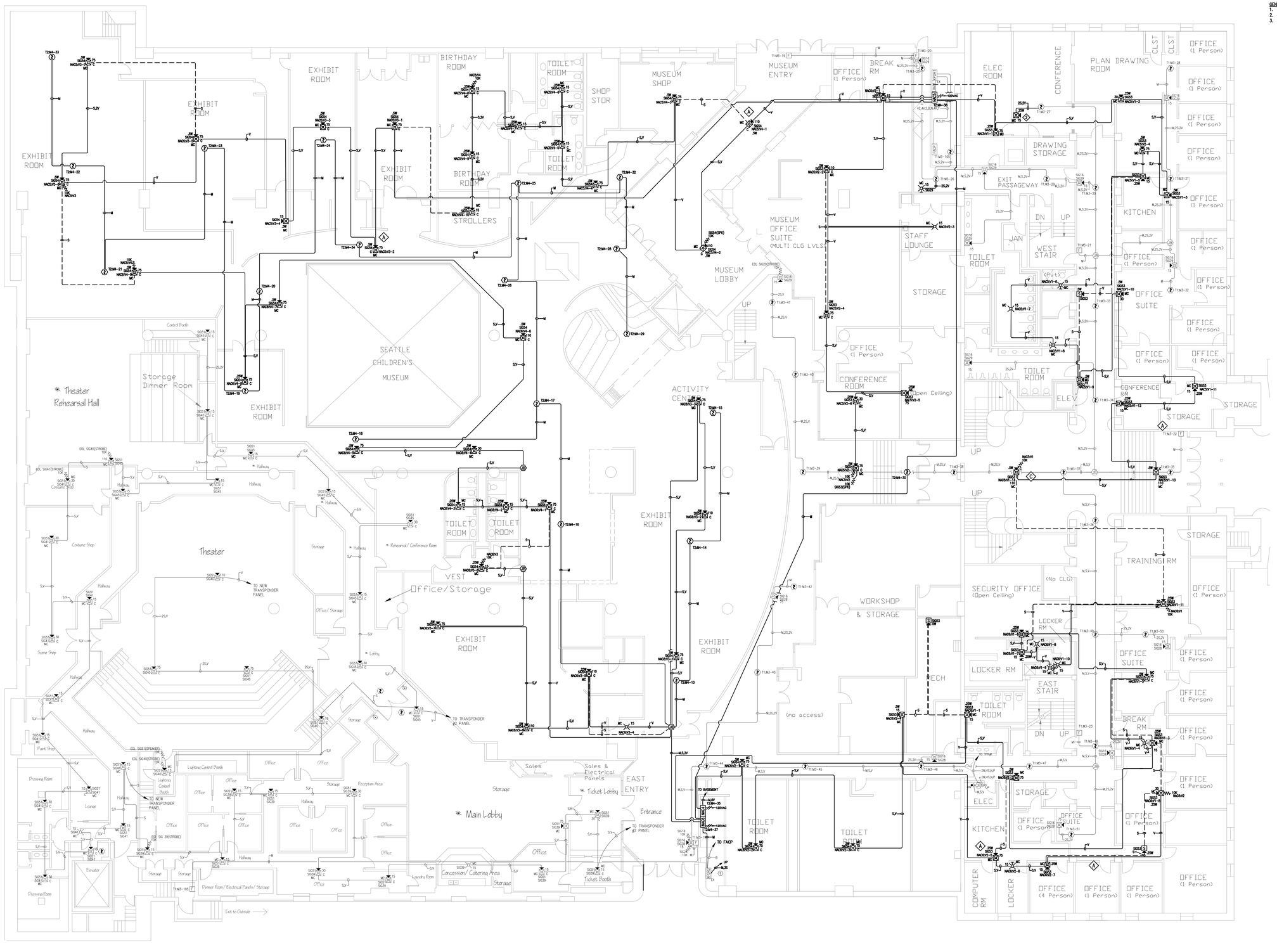
30" x 42" - Arch E1 Size

GENERAL NOTES:
1. GRAY OUT DEVICES & CONDUIT ARE EXISTING TO REMAIN.
2. NEW DEVICES WILL BE TIE TO IDNET #4 (M4) ON TRANSPONDER 2
3. ALL EXISTING AND NEW NAC EXPANDER PANELS WILL BE TRIP VIA IDNET #4.



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Revisions shown with ⚠ symbol

ISSUE LOG

MARK	DATE	CAD	CHK	DESCRIPTION
1	4-14-15	JS	CM	INITIAL SURVEY
2	9-01-15	JS	CM	REV - UPDATED CIRCUITS
3	10-16-15	JS	JS	REV - UPDATES & ADDS
4	07-22-16	JS	CM	REV - UPDATES & ADDS
	11-21-2017	JS	CM	RECORD DRAWING

DRAWN BY:	J.SERRANO
CHECKED BY:	C.MCCAMMON
ISSUE DATE:	12/24/14
JOB #:	
PROJECT #:	458:985980502
SIMPLEXGRINNELL ©	2017
SYSTEM:	FIRE ALARM SYSTEM
SHEET:	FIRST FLOOR

FA-102

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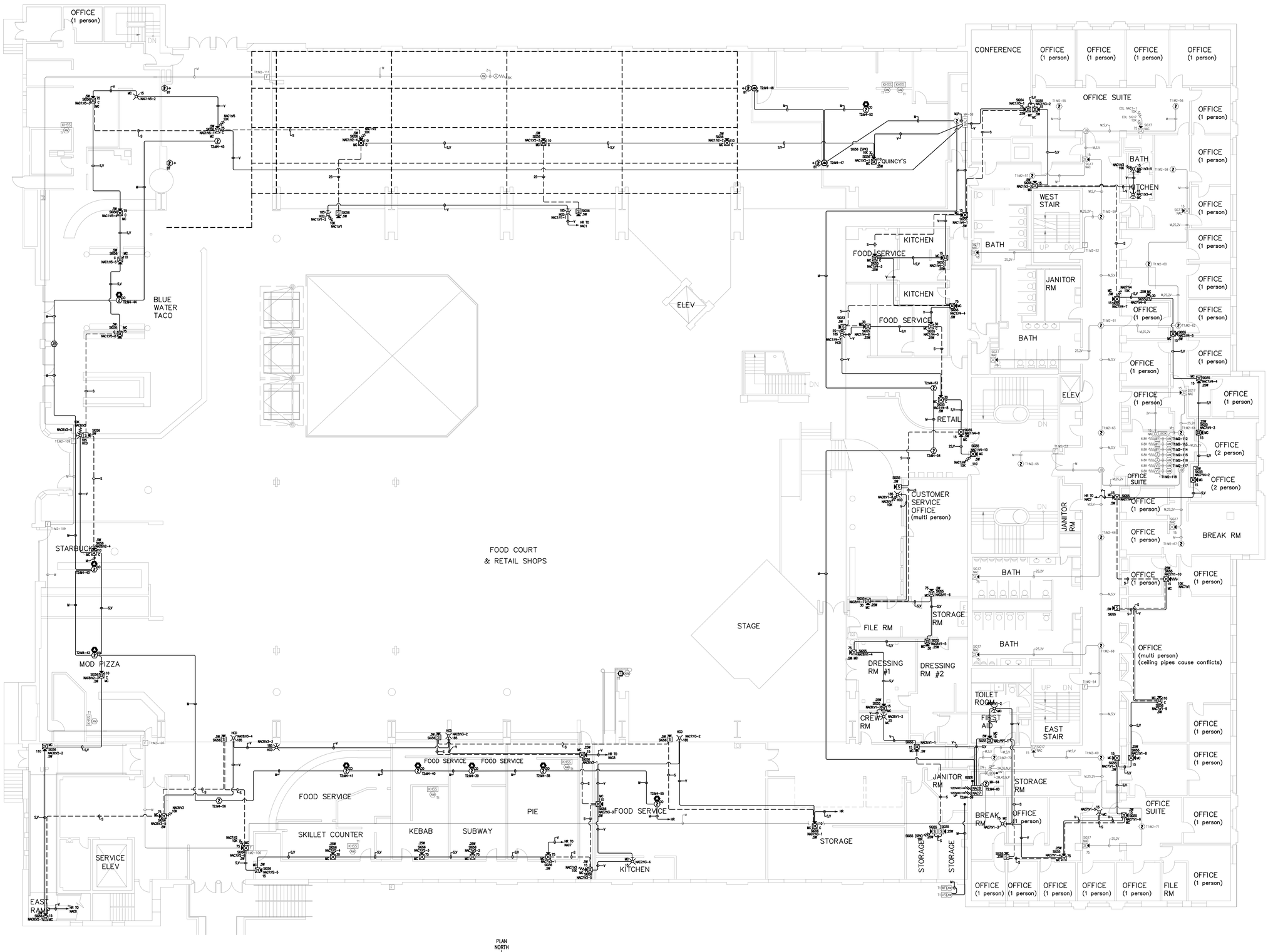
30" x 42" - Arch E1 Size

GENERAL NOTES:
1. GRAY OUT DEVICES & CONDUIT ARE EXISTING TO REMAIN.
2. NEW DEVICES WILL BE TIE TO IDNET #4 (M4) ON TRANSPONDER 2
3. ALL EXISTING AND NEW NAC EXPANDER PANELS WILL BE TRIP VIA IDNET #4.



PLAN NORTH

SECOND FLOOR

SCALE: 3/32" = 1'=0"

0 5 10 20 (IN FEET)

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CENTER HOUSE
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SEATTLE, WA 98109

Revisions shown on drawing

MARK	DATE	CARD	CHK	DESCRIPTION
1	7-15-15	JS	JS	REV - SURVEY
2	9-8-15	JS	JS	REV - UPDATED CIRCUITS
3	10-16-15	JS	JS	REV - UPDATES & ADDS
4	01-22-16	JS	CM	REV - UPDATES & ADDS
	11-21-2017	JS	CM	RECORD DRAWING

DRAWN BY:	J.SERRANO
CHECKED BY:	C.MCCAMMON
ISSUE DATE:	12/24/14
JOB #:	
PROJECT #:	458:985980502
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SYSTEM:	FIRE ALARM SYSTEM
SHEET:	SECOND FLOOR

FA-103

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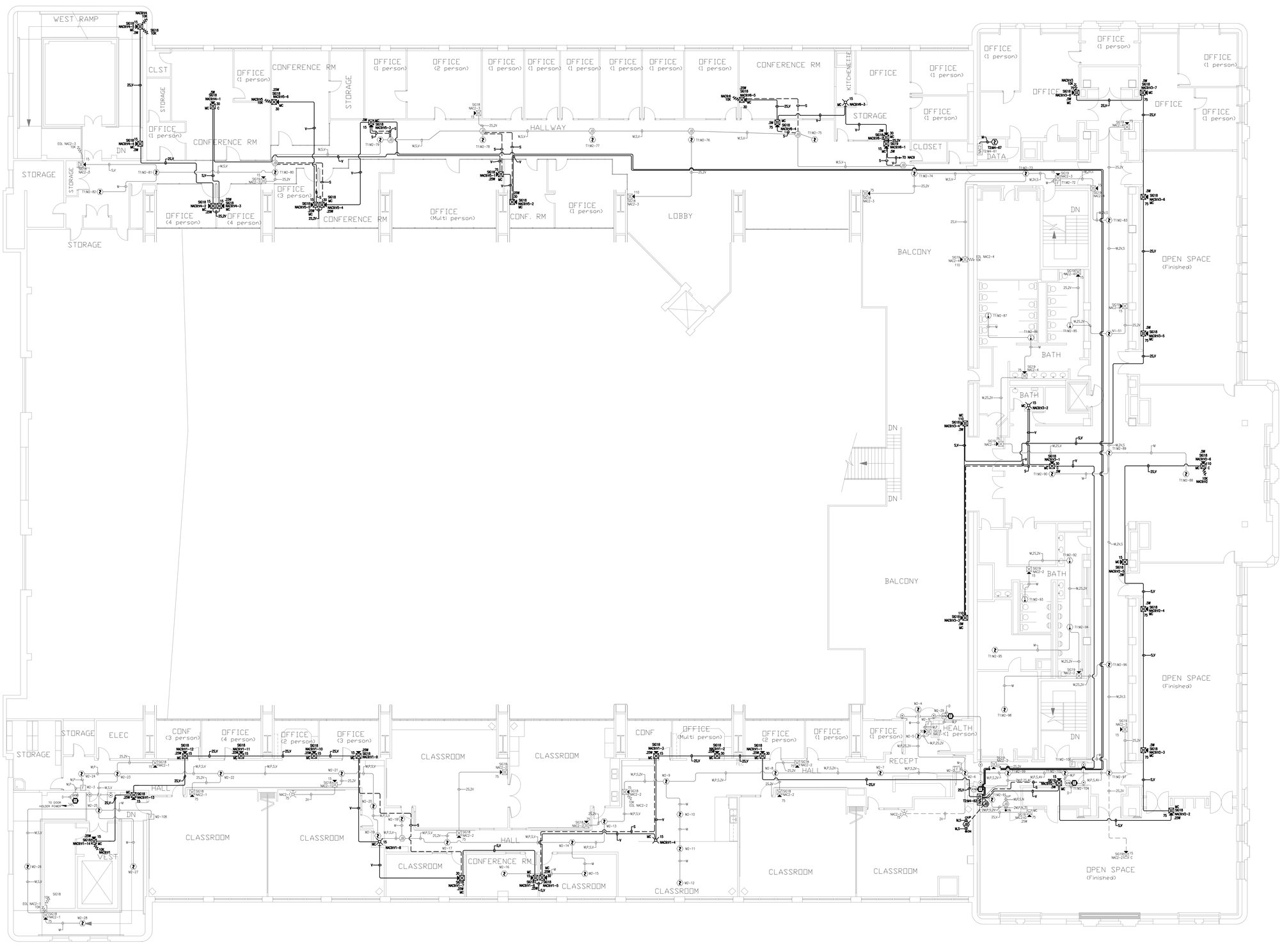
30" x 42" - Arch E1 Size

GENERAL NOTES:
1. GRAY OUT DEVICES & CONDUIT ARE EXISTING TO REMAIN.
2. NEW DEVICES WILL BE TIE TO IDNET #4 (M4) ON TRANSPONDER 2
3. ALL EXISTING AND NEW NAC EXPANDER PANELS WILL BE TRIP VIA IDNET #4.



PLAN NORTH

THIRD FLOOR

SCALE: 3/32" = 1'=0" (IN FEET) 0 5 10 20

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Revisions shown on this sheet

ISSUE LOG:

MARK	DATE	CADD	CHK	DESCRIPTION
1	8-15-14	JS	CM	REV - SURVEY
2	9-01-15	JS	JS	REV - UPDATED CIRCUITS
3	10-16-15	JS	JS	REV - UPDATES & ADDS
4	01-22-16	JS	CM	REV - UPDATES & ADDS
	11-21-2017	JS	CM	RECORD DRAWING

DRAWN BY:	J.SERRANO
CHECKED BY:	C.MCCAMMON
ISSUE DATE:	12/24/14
JOB #:	
PROJECT #:	458-985980502
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SYSTEM:
FIRE ALARM SYSTEM

SHEET:
THIRD FLOOR

FA-104

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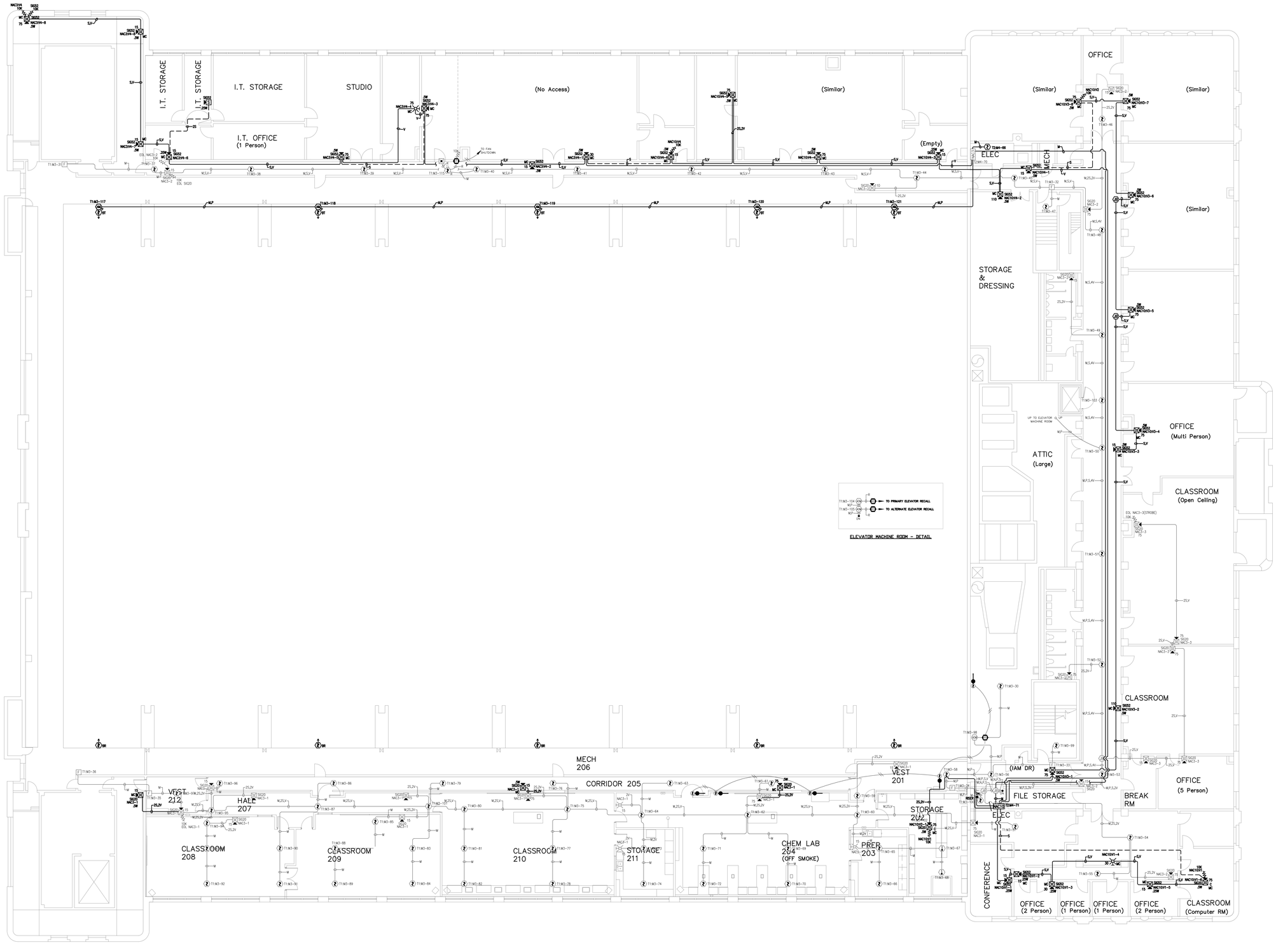
30" x 42" - Arch E1 Size

GENERAL NOTES:
1. GRAY OUT DEVICES & CONDUIT ARE EXISTING TO REMAIN.
2. NEW DEVICES WILL BE TIE TO IDNET #4 (M4) ON TRANSPONDER 2
3. ALL EXISTING AND NEW NAC EXPANDER PANELS WILL BE TRIP VIA IDNET #4.



ELEVATOR MACHINE ROOM - DETAIL

PLAN NORTH

FOURTH FLOOR

SCALE: 3/32" = 1'=0" (0 5 10 20 IN FEET)

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Revisions shown as

ISSUE LOG:

MARK	DATE	CADD	CHK	DESCRIPTION
1	8-31-15	JS	JS	REV - SURVEY
2	9-01-15	JS	JS	REV - UPDATED CIRCUITS
3	10-16-15	JS	JS	REV - UPDATES & ADDS
4	01-22-16	JS	CM	REV - UPDATES & ADDS
	11-21-2017	JS	CM	RECORD DRAWING

DRAWN BY:	J.SERRANO
CHECKED BY:	C.MCCAMMON
ISSUE DATE:	12/24/14
JOB #:	
PROJECT #:	458-985980502

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SYSTEM:
FIRE ALARM SYSTEM

SHEET:
FOURTH FLOOR

FA-105

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