City of Aurora
Building Codes Division
15151 E Alameda Pkwy
Aurora, CO 80012
(303) 739-7420

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Building Permit Application

Permit Center ~15151 E Alameda Pkwy ~ Aurora, CO 80012~ (303) 739-7420

Project Address: 1501 South Potomac Unit # Zip code: 80012
Project Name: MCA South ADA
Contractor Company Name: GUARANTEE ELECTRICAL Phone: 3033732400 Fax: 3033734722
Contact Person: Andy Berge Email: jeff.bowlus@gecco.com
Phone: Fax:

Online Services now offers email updates of correction items found during plan review as well as email updates for all inspections during the construction phase of your project. If you are interested in receiving these emails please provide your email address. NOTE: Set your email filter to accept emails from "AmandaSystem".

Plan Corrections - Email address:
Inspection Corrections – Email address:
Architect and/or Engineer Contact information for correction items:

Architect or Engineer name: Email:
Phone # Fax:
Owner: (Required for CO) only:
Owner address: Valuation / FDA: $ 4702.00
Email:
Materials Cost: $ 2,100.00

FDA = Fee Determination Assessment. (Also known as the value of project) has no relationship to the construction costs for the building which can vary greatly. Rather, The assessment is used only to determine the appropriate level of fees to fund our code compliance activities.

Architect or Engineer Name: Email:

DESCRIBE THE WORK YOU WILL BE DOING:

Install Strobes for fire alarm to support ADA requirements
*need to Renew CL & SL (will bring in with Cont)

I declare under penalty that this application has been examined by me and that the statements made herein are made in good faith pursuant to City of Aurora tax and licensing regulations; and to the best of my knowledge and belief are true, correct and complete.

Print Name: Jeff Bowlus Signature: Date: 1/9/13

BOARD OF APPEALS - Contractor's Appeals and Standards Board. Applicants have the right to have the board hear appeals of orders, decisions or determinations made by the building official relative to the application and interpretation of the building code. Any application for appeal to the board shall be based on a claim that the true intent of the code or the rules legally adopted there under have been incorrectly interpreted, the provisions of the building code do not fully apply or an equally good or better form of construction is proposed.

Sprinkler & Alarm permits must be brought in as separate submittals. "FDA" is NOT included in main permit.

◆◆◆◆ THIS SPACE FOR OFFICE USE ONLY ◆◆◆◆

Fee Determination Assessment: $ 4200

Change of occupancy/use: Y ☐ N ☐

REVIEWS	INSPECTIONS
☐ Structural	☐ Structural
☐ Mechanical	☐ Mechanical
☐ Plumbing	☐ Plumbing
☐ Electrical	☐ Electrical
☒ Fire Life Safety	☒ Life Safety
☐ Bldg Life Safety	☐ Gate/Haz.

Intake Date: 1/15/13 PE Initial JDK

Balance Due:

Pre approval Initial
Zoning ☐
Water ☐
Exterior changes? ☐ Yes ☐ No
Homeowner verified ☐ Yes
Permit Type: LT
Mid roof / Ave Bldg Height: n/a
Parent Permit RSN: 664188
Plans Examiner: JDK
Subtype: 4x Fire Alarm
RSN: 696919 B640149

Plans Picked up by:
Company name:
Phone number:

MEDICAL CENTER OF AURORA SOUTH

FIRE ALARM SYSTEM SHOP DRAWINGS

BUILDING CLASSIFICATIONS AND CODES

OCCUPANCY GROUP: I-2 USE: INSTITUTIONAL GROUP
STORIES: 6 STORIES TOTAL, 3 PARTIAL IN SCOPE
SQUARE FOOTAGE: 67,321 SQ. FT. TOTAL, APPROX. 1,100 SQ. FT. IN SCOPE
SPRINKLERED: FULLY

APPLICABLE CODES

2007 NFPA 72 — 2009 I.F.C.
2011 N.E.C. — 2009 I.M.C.
2009 I.B.C. —

SYSTEM WIRING TYPES

INITIATING DEVICE CKT: CLASS B (HARDWIRED FROM MONITOR MODULES)
NOTIFICATION APPLIANCE CKT: CLASS B, STYLE Y (HARDWIRED)
SIGNALLING LINE CKT: CLASS B, STYLE 4
NETWORK: CLASS A, STYLE 7

SYSTEM TYPE

SUPERVISING STATION TYPE: CENTRAL STATION
AUDIBLE NOTIFICATION: TEMPORAL
VISUAL NOTIFICATION: PUBLIC

SCOPE OF WORK

SCOPE OF WORK:

THIS PROJECT INVOLVES THE ADDITION OF STROBE ONLY DEVICES ON THE FIRST, THIRD AND FIFTH FLOORS OF AN EXISTING BUILDING. THE EXISTING FIRE ALARM CONTROL PANEL WILL BE REVISED TO ACCOMMODATE THE NEW DEVICES.

THE NEW NOTIFICATION APPLIANCES WILL TIE INTO EXISTING SIGNAL CIRCUITS IN EACH AREA. THE INSTALLING CONTRACTOR WILL MEASURE THE VOLTAGE AT THE LAST DEVICE TO VERIFY ACCEPTABLE VOLTAGE REQUIREMENTS FOR THE NAC CIRCUITS.

THERE WILL BE NO CHANGE TO THE EXISTING SEQUENCE OF OPERATIONS OR THE GRAPHIC MAPS.

CENTRAL STATION MONITORING SERVICE:

SIMPLEXGRINNELL
50 TECHNOLOGY DRIVE
WESTMINSTER, MA 01441
1 (888) 746-7539

PROJECT:
MEDICAL CENTER OF AURORA SOUTH
ADA SETTLEMENT IMPLEMENTATION
1501 SOUTH POTOMAC
AURORA, COLORADO 80012

FIRE ALARM DESIGN ENGINEER:
SIMPLEXGRINNELL
6240 SMITH ROAD
DENVER, COLORADO 80216
303-355-0500

ELECTRICAL CONTRACTOR:
GUARANTEE ELECTRIC
21250 EAST 31ST CIRCLE
AURORA, COLORADO 80011
720-480-2744

City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Jean Pardue*
Date: *Jan 24, 2013*
2009 INTERNATIONAL CODES & 2011 NEC

City of Aurora Building Division
Project: *MEDICAL CENTER OF AURORA SOU*
Address: *1501 S. POTOMAC*
Occupancy Group: *I-2*
Construction Type: *UBC TYPE 1 FR SPK*
RSN: *696919*
Permit: *13 640149*

AURORA FIRE DEPARTMENT GENERAL NOTES

- FIRE ALARM SYSTEMS CANNOT BE COMBINED WITH BURGLAR ALARM SYSTEMS.
- THE INSTALLER IS REQUIRED TO COORDINATE WITH THE MECHANICAL CONTRACTOR TO DETERMINE INSTALLATION OF SMOKE DETECTORS OR SENSORS (i.e., NOT CLOSER THAN 3 FEET FROM ANY SUPPLY/RETURN DIFFUSER AND THAT ADDITIONAL DETECTION MAY BE REQUIRED DUE TO THE RELOCATION OR SPACING ADJUSTMENT OF DETECTORS, AS A RESULT).
- FIRE ALARM DEVICES MUST BE PLACED IN PROTECTED AREAS WITH AMBIENT TEMPERATURE RANGING FROM 32 DEGREES TO 120 DEGREES F.
- DO NOT PLACE SMOKE DETECTORS WITHIN 3 FEET OF AIR SUPPLY REGISTERS AND DIFFUSERS.
- FIRE ALARM SYSTEM SHALL BE MONITORED BY A CLASS 1 CENTRAL STATION.
- FIRE ALARM CONTROL PANEL WILL BE PLACED IN THE LOCATION SPECIFIED WITHIN THE PLAN SUBMITTAL UNLESS APPROVED BY THE LIFE SAFETY FIELD INSPECTOR.
- CITY OF AURORA BUILDING CODES DIVISION DOES NOT GRANT APPROVAL FOR ANY VIOLATIONS OF ADOPTED FIRE CODE. CODE VIOLATIONS UNCOVERED DURING FIELD INSPECTIONS MUST BE CORRECTED.
- PER THE 2009 IFC AND THE 2011 NEC THE INSTALLER MUST REQUEST A ROUGH WIRING INSPECTION IN THE FIRE ALARM SYSTEM PRIOR TO REQUESTING A FIRE ALARM FINAL INSPECTION.
- THE CONTRACTOR SHALL CONDUCT A "PRE-TEST" OF THE PROJECT AREA PRIOR TO SCHEDULING AN ACCEPTANCE TEST WITH THE BUILDING CODES DIVISION.
- REMOTE ALARM INDICATORS SHALL BE PROVIDED FOR ANY AUTOMATIC FIRE ALARM DETECTOR LOCATED IN A CONCEALED LOCATION WITH A NORMALLY LOCKED DOOR.
- AT THE TIME OF FINAL FIRE ALARM INSPECTION, THE SYSTEM MUST BE SUPERVISED/MONITORED BY A CLASS 1 CENTRAL MONITORING AGENCY.
- THE INSTALLING CONTRACTOR (OR DESIGNEE) MUST PROVIDE ALL NECESSARY TESTING EQUIPMENT AND PERFORM ALL TESTING REQUIRED BY THE LIFE SAFETY FIELD INSPECTOR.
- IN-DUCT SMOKE DETECTORS INSTALLED IN CONCEALED LOCATIONS OR, WHERE THE DETECTOR'S ALARM INDICATOR IS NOT READILY VISIBLE TO RESPONDING PERSONNEL SHALL BE PROVIDED WITH A REMOTE INDICATOR(S), REMOTE TEST STATION AND PLACARDING.
- ALL NEW OR EXISTING FIRE ALARM SYSTEMS MUST BE CONNECTED ANY EXTERIOR HORN AND STROBE APPLIANCE. IF THE BUILDING IS FIRE SPRINKLED, A GENERAL ALARM ACTIVATION AT THE FIRE ALARM CONTROL PANEL WILL ACTIVATE THE EXTERIOR HORN AND STROBE. SILENCING THE PANEL MUST ALLOW THE VISUAL DEVICE TO CONTINUE UNTIL THE PANEL IS RESET.
- FIRE ALARM SYSTEMS SHALL INCLUDE BOTH AUDIBLE AND VISUAL ALARMS. VISUAL ALARMS WILL BE REQUIRED IN ALL ACCESSIBLE PUBLIC AND COMMON-USE AREAS PER THE 2009 IFC AND THE 2003 ANSI A117.1 STANDARD.
- PROVIDE A PRIMARY AND SECONDARY POWER SUPPLY FOR THE FIRE ALARM SYSTEM PER THE 2009 IFC, SECTION 907.5 AND THE 2007 NFPA 72.
- FIELD INSPECTION CONSULTATION IS AVAILABLE UPON REQUEST. CALL 303-739-7420 TO REQUEST CONSULTATION.
- THE FIRE ALARM CONTRACTOR MUST COMPLETE THE NFPA72 "RECORD OF COMPLETION" PRIOR TO SCHEDULING THE AHJ ACCEPTANCE TEST.
- AUDIBLE ALARM SIGNALING DEVICES SHALL EXCEED THE PREVAILING SOUND LEVEL IN A ROOM OR SPACE BY 15 DBA. SOUND LEVELS FOR ALARM SIGNALS SHALL BE 120 DBA MAXIMUM. 2009 IFC SECTION 907.10.2.

SHEET INDEX

FIRE ALARM DRAWING INDEX:

FA0.01 COVER SHEET
FA3.01 PARTIAL FLOORPLAN FA LAYOUT

FIRE DEPT./BLDG DEPT. PLAN REVIEW #:

AURORA BUILDING CODES DIVISION
15151 EAST ALAMEDA PARKWAY, 2ND FLOOR PERMIT CENTER
AURORA, COLORADO 80012
(303) 739-7420

NICET CERTIFICATION

NICET CERTIFIED

TECHNICAL AREA 00303: LEVEL 3
CERTIFICATE #: 93727
VALID THROUGH: 03/01/15

THIS DRAWING SET WAS PREPARED UNDER THE SUPERVISION OF A NICET III PROFESSIONAL. THE DRAWINGS WERE REVIEWED FOR THE INFORMATION CONTAINED UNDER THE SCOPE OF WORK. ALL EQUIPMENT HAS BEEN VERIFIED TO BE COMPATIBLE AND WILL OPERATE AS REQUIRED PER NFPA GUIDELINES.

NANCY S. WILTSIE — DATE 1/11/13

NFPA MEMBER 12-13

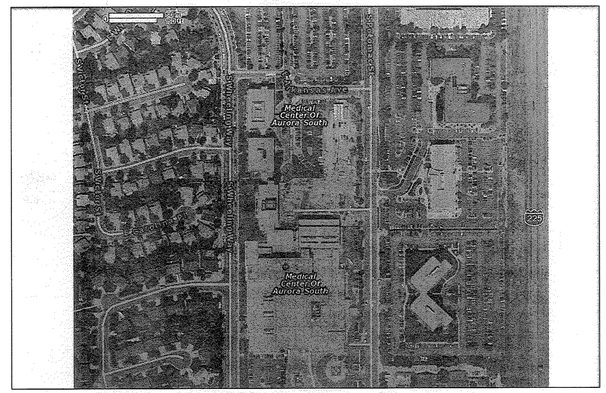
SimplexGrinnell

6240 Smith Road
Denver, Colorado 80216
(303) 355-0500 (Sales/Service)
(303) 355-0615 (Fax)
http://www.SimplexGrinnell.com

Project Coordinator: Robert Neifert
Project Deisgner: Todd Stewart

tyco / Fire & Security

SITE PLAN



RSN 696919
PERMIT 13 640149

24" x 36"

tyco / Fire & Security — SimplexGrinnell

6240 SMITH ROAD
DENVER, COLORADO 80216
SALES: (303) 355-0500
SERVICE: (303) 355-0500
FAX: (303) 355-0615

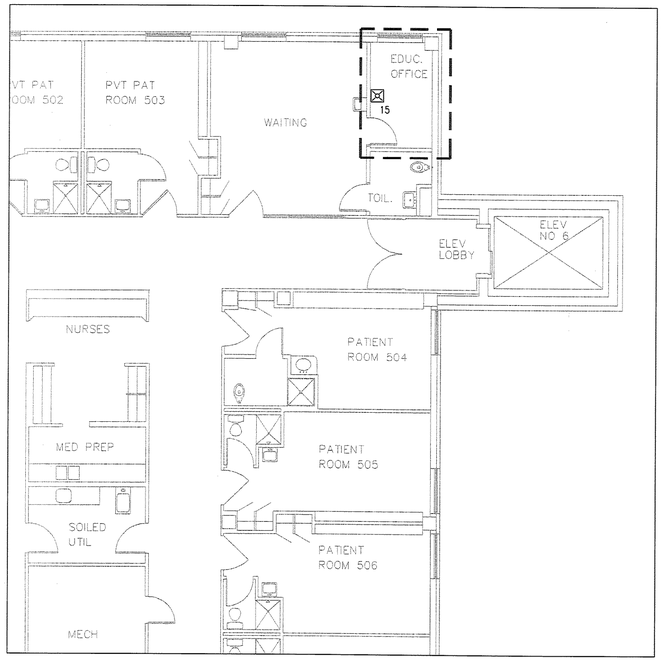
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NO.	DATE	REVISION DESCRIPTION

FIRE ALARM SYSTEM FOR:
MCOA SETTLEMENT IMPLEMENTATION

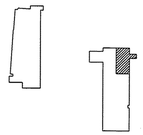
MEDICAL CENTER OF AURORA SOUTH
1501 SOUTH POTOMAC
AURORA, COLORADO 80012

DRAWN BY: TAS	DATE: 11/28/12
DESIGNED BY: TAS	DATE: 11/28/12
APPROVED BY: NSW	DATE: 11/28/12
PROJECT #: 965657707	
SCALE: NONE	
SHEET TITLE: COVER SHEET	
SHEET NUMBER: FA0.01	



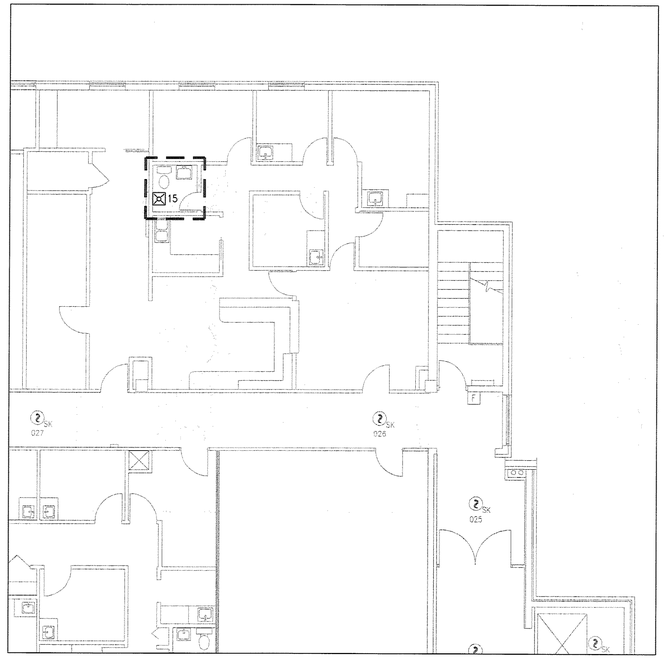
N PARTIAL 5TH FLOOR FA LAYOUT
SCALE: 1/8" = 1'-0"

KEY PLAN



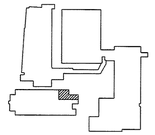
City of Aurora Building Division
Reviewed for Code Compliance
Approved as Noted: *Jean Pardue*
Date: *Jan 24, 2013*
2009 INTERNATIONAL CODES & 2011 NEC

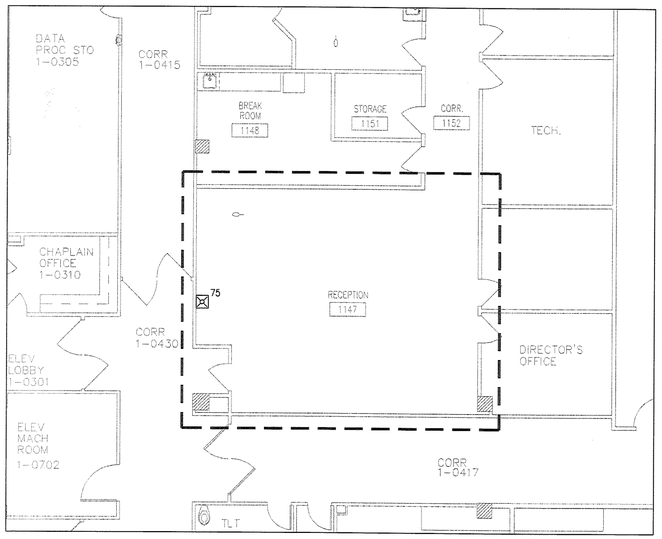
City of Aurora Building Division
Project: *MEDICAL CENTER OF AURORA SOU*
Address: *1501 S. POTOMAC*
Occupancy Group: *I-2*
Construction Type: *UBC TYPE 1 FR SPK*
RSN: *696919*
Permit: *13 640149*



N PARTIAL 3rd FLOOR FA LAYOUT
SCALE: 1/8" = 1'-0"

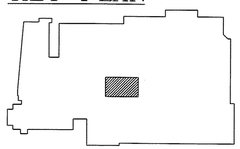
KEY PLAN





N PARTIAL 1ST FLOOR FA LAYOUT
SCALE: 1/8" = 1'-0"

KEY PLAN



SHEET NOTES:

THE INFORMATION & SYMBOLS SHOWN IN BOLD LINETYPE ARE NEW.
THE INFORMATION & SYMBOLS SHOWN IN LIGHT LINETYPE ARE EXISTING.

ALL CEILINGS IN AREA OF WORK ARE 10' OR LESS, FLAT SMOOTH CONSTRUCTION UNLESS OTHERWISE NOTED.

SYMBOL	DESCRIPTION	MODEL#	BACKBOX
☒ #	WALL MOUNT MULTI-CANDELA V/O WHITE # =CANDELA RATING	WHEELOCK RSS-24-MCW-FW	4" SQUARE BOX 1 1/2" DEEP W/ 1 1/2" EXTENSION RING

WHEELOCK MODEL RSS-24MCW-FW VISUAL (WALL MOUNTED)
WHEELOCK MODEL RSS-24MCC-FW VISUAL (CEILING MOUNTED)

PRODUCT INFORMATION

FEATURES:
- UL LISTED TO STANDARD 1971
- UL LISTED TO STANDARD 464 (NEW YORK CITY)
- UL LISTED TO STANDARD 1638 (PRIVATE)(ESFM) APPROVED
- FACTORY MUTUAL (FM) APPROVED
- CHICAGO (CFP) APPROVED
- ADA/NFPA/UFC/ANSI COMPLIANT

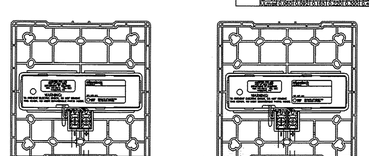
SYNCHRONIZATION FLASH RATE MODE FOR USE WITH:
- STROBES CAN BE SYNCHRONIZED USING WHEELOCK SYNC MODULE OR POWER SUPPLIES WITH BUILT IN SYNC PROTOCOL

SPECIFICATIONS:
- WALL MOUNTED MODULES W/FIELD SELECTABLE CANDELA SETTING OF 15/30/75/95/110/115/135/150/177 CANDELA
- CEILING MOUNTED MODULES W/FIELD SELECTABLE CANDELA SETTING OF 15/20/75/95/110/177 CANDELA
- TEMPERATURE RANGE: 32 TO 120°F (0 TO 49°C) AND HUMIDITY OF 93% @ 90°F (32°C) MAXIMUM
- TERMINAL BLOCKS FOR 12AWG TO 12AWG TWO WIRES PER TERMINAL FOR IN/OUT WIRING.

WIRING:
1. MAINTAIN CORRECT POLARITY ON TERMINAL CONNECTIONS. DO NOT LOOP WIRES UNDER TERMINALS.
2. ALL NAC WIRING CONNECTIONS ARE SUPERVISED AND POWER-LIMITED.
3. SEE INSTALLATION INSTRUCTIONS (P/N2079) FOR ADDITIONAL INFORMATION.

RATINGS:
- RATED VOLTAGE RANGE) VISUALS: 16 VDC TO 33 VDC ON 24V UNITS
- FLASH RATE:1 FLASH PER SECOND OVER THE REGULATED VOLTAGE RANGE

24VDC MODELS	WALL MOUNTED VISUALS		CEILING MOUNTED VISUALS	
	24VDC	24VNOM	24VDC	24VNOM
	Black | Red | Amps | Black | Red | Amps		Black | Red | Amps | Black | Red | Amps	



FIRE ALARM WIRE LIST

V VISUAL/SIGNAL CIRCUIT – 2 CONDUCTOR 14 AWG SOLID
NON-PLENUM RATED: FPLR — CONDUIT ONLY: THHN — PLENUM RATED: FPLP
ANIXTER SG1402N10-03 — (2) #14 AWG (RED/BLACK) — ANIXTER SG1402N21-03
AREA=0.0340 SQ. INCH — AREA=0.0097 SQ. INCH (EACH) — AREA=0.0308 SQ. INCH
********** REFER TO SIGNAL CIRCUIT DISTANCE CHART **********

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 2005 N.E.C.

CONTACT YOUR LOCAL SIMPLEXGRINNELL OFFICE FOR ANY CABLE SUBSTITUTIONS

NICET CERTIFICATION

TECHNICAL AREA 00303: LEVEL 3
CERTIFICATE #: 93727
VALID THROUGH: 03/01/15

NANCY S. WILTSIE — DATE 11/11/13

NICET CERTIFIED

RSN 696919
PERMIT 13 640149

24" x 36"

tyco / Fire & Security / SimplexGrinnell

6340 SMITH ROAD
DENVER, COLORADO 80216
SALES: (303) 355-0600
SERVICE: (303) 355-0600
FAX: (303) 355-0615

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NO.	DATE	REVISION DESCRIPTION

FIRE ALARM SYSTEM FOR:
MCOA SETTLEMENT IMPLEMENTATION

MEDICAL CENTER OF AURORA SOUTH
1501 SOUTH POTOMAC
AURORA, COLORADO 80012

DRAWN BY: TAS	DATE: 11/28/12
DESIGNED BY: TAS	DATE: 11/28/12
APPROVED BY: NSW	DATE: 11/28/12
PROJECT #: 965657707	
SCALE: 1/8" = 1'-0"	
SHEET TITLE: PARTIAL FLOORPLAN FA LAYOUT	
SHEET NUMBER: FA3.01	

COOPER Notification

Series RSS and RSSP Strobes and Strobe Plates



Series RSS



Series RSS



Series RSSWP



RSS Round

Description

The Wheelock patented Series RSS Strobe Appliances and Series RSSP Strobe Plates have lower current draw while maintaining outstanding performance, reliability and cost effectiveness. These versatile appliances will satisfy virtually all requirements for indoor, wall or ceiling mount applications.

Strobe options for wall mount models include 1575 or the Wheelock Patented MCW multi-candela strobe with field selectable candela settings of 15/30/75/110cd or the high intensity MCWH strobe with field selectable 135/185cd. Ceiling mount models include the patented MCC multi-candela ceiling strobe with field selectable intensities of 15/30/75/95cd or the high intensity MCCH strobe with field selectable 115/177cd.

All models may be synchronized using the Wheelock SM, DSM Sync Modules, Wheelock Power Supplies or other manufacturers panels incorporating the Wheelock Patented Sync Protocol. Synchronized strobes can eliminate possible restrictions on the number of strobes in the field of view. Wheelock's synchronized strobes offer an easy way to comply with ADA recommendations concerning photosensitive epilepsy as well as meeting the requirements of NFPA 72.

The Wheelock Series RSS Strobes employ a Patented Integral Strobe Mounting Plate that can be mounted to a single gang, double gang, 4" square, 100mm European backboxes or the SHBB surface backbox. If the flush backbox has side or top space between it and the finished wall, the NATP (Notification Appliance Trimplate) may be used. It provides an additional .65" of trim for the Appliance. An attractive cover plate is provided for a clean, finished appearance on all models.

The Series RSSP Multi-Candela Strobe Plates are a cost effective way to retrofit required wall strobe appliances to bells, horns, chimes, multitones or speakers and easily mounts to standard 4" backboxes or for surface mount use with the Wheelock SBL2 surface backbox.

Features

- Approvals include: UL Standard 1971, New York City (MEA), California State Fire Marshal (CSFM), Factory Mutual (FM), and Chicago (BFP) See approvals by model in Specifications and Ordering Information
- ADA/NFPA/UFC/ANSI compliant. Meets OSHA 29 Part 1910.165
- Wall mount Multi-Candela models are available with Field Selectable Candela Settings of 15/30/ 75/110cd or 135/185cd. Single Candela models are available in 1575cd
- Ceiling mount Multi-Candela models are

  available with field selectable candela settings of 15/30/75/95cd or 115/177cd. (Round or Square)
- Strobes produce 1 flash per second over the regulated voltage range
- 12 and 24 VDC models with wide UL "Regulated Voltage" using filtered (DC) or unfiltered VRMS input voltage
- Synchronize using the Wheelock sync modules or panels with built-in Wheelock Patented Sync Protocol
- Fast installation with IN/OUT screw terminals using #12 to #18 AWG wire

For Weatherproof Series RSS See Datatsheet S9004

S5391 151-92-E 7125-0785:141 7300-0785:154

RSN 696919
PERMIT 13 640149

NOTE: All CAUTIONS and WARNINGS are identified by the symbol ⚠. All warnings are printed in bold capital letters.

⚠ **WARNING: PLEASE READ THESE SPECIFICATIONS AND ASSOCIATED INSTALLATION INSTRUCTIONS CAREFULLY BEFORE USING, SPECIFYING OR APPLYING THIS PRODUCT. VISIT WWW.COOPERWHEELOCK.COM OR CONTACT COOPER WHEELOCK FOR THE CURRENT INSTALLATION INSTRUCTIONS. FAILURE TO COMPLY WITH ANY OF THESE INSTRUCTIONS, CAUTIONS OR WARNINGS COULD RESULT IN IMPROPER APPLICATION, INSTALLATION AND/OR OPERATION OF THESE PRODUCTS IN AN EMERGENCY SITUATION, WHICH COULD RESULT IN PROPERTY DAMAGE, AND SERIOUS INJURY OR DEATH TO YOU AND/OR OTHERS.**

General Notes:

- Strobes are designed to flash at 1 flash per second minimum over their "Regulated Voltage Range". Note that NFPA-72 specifies a flash rate of 1 to 2 flashes per second and ADA Guidelines specify a flash rate of 1 to 3 flashes per second.
- All candela ratings represent minimum effective Strobe intensity based on UL Standard 1971.
- Series NS Strobe products are listed under UL Standard 1971 for indoor use with a temperature range of 32°F to 120°F (0°C to 49°C) and maximum humidity of 93% (± 2%).
- Series NH horns are listed under UL Standard 464 for audible signal appliances (Indoor use only).
- **"Regulated Voltage Range" is the newest terminology used by UL to identify the voltage range. Prior to this change UL used the terminology "Listed Voltage Range".**

Table 1: Average RMS Current*

RSS/RSSP 24VDC Models	RSS/RSSP - Wall Mount							Ceiling Mount					
	241575W	24MCW				24MCWH		24MCC				24MCCH	
	1575cd	15cd	30cd	75cd	110cd	135cd	185cd	15cd	30cd	75cd	95cd	115cd	177cd
UL max*	0.090	0.060	0.092	0.165	0.220	0.300	0.420	0.065	0.105	0.189	0.249	0.300	0.420

RSS/RSSP 24VDC Models	RSS/RSSP Wall Mount
	121575W
12 vdc	**0.152**
UL max*	0.255

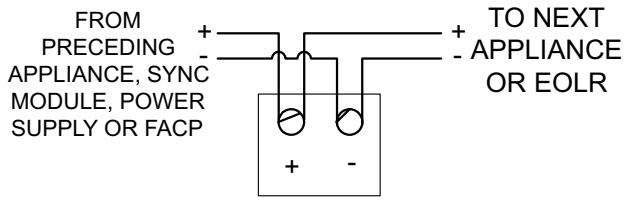
* RMS current ratings are per UL average RMS method. UL max current rating is the maximum RMS current within the listed voltage range (16-33v for 24v units). For strobes the UL max current is usually at the minimum listed voltage (16v for 24v units). For audibles the max current is usually at the maximum listed voltage (33v for 24v units). For unfiltered FWR ratings, see installation instructions.

Table 2: Audibles/Speakers for RSSP Strobe Plate

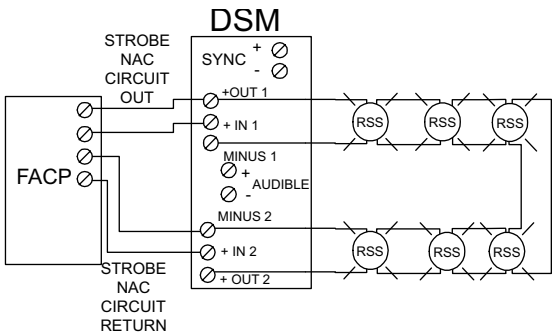
Product	Series
Multitone Appliances	AMT, MT
Horns	AH, NH, HS
Motor Bells	MB-G6/G10
Speakers	ET-1010/1080, E70, ET70
Chimes	CH70

Wiring Diagrams

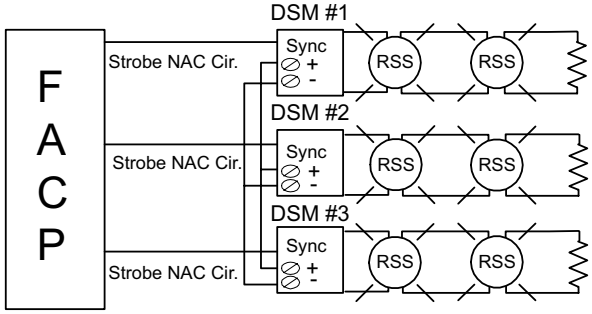
SERIES RSS/RSSP APPLIANCE



SERIES RSS/RSSP APPLIANCES SYNCHRONIZED WITH DSM MODULE SINGLE CLASS "A" NAC CIRCUIT



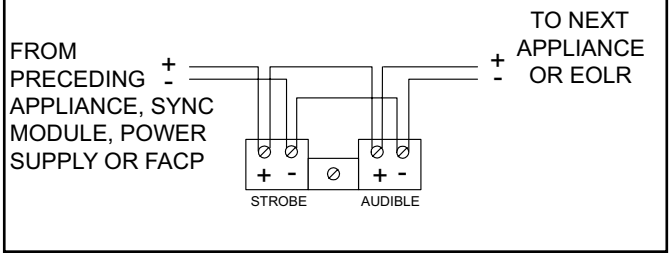
SERIES RSS/RSSP APPLIANCES SYNCHRONIZED WITH MULTIPLE DSM MODULES



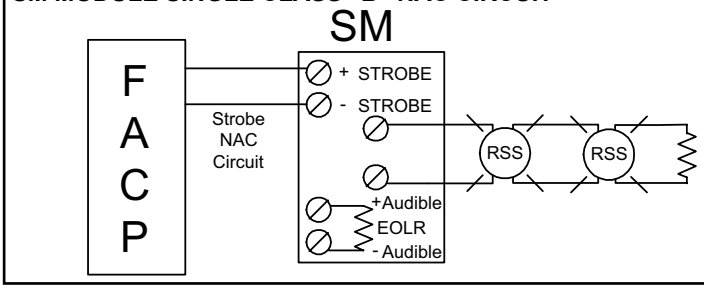
DSM Interconnecting wiring shown. Maximum of twenty (20)

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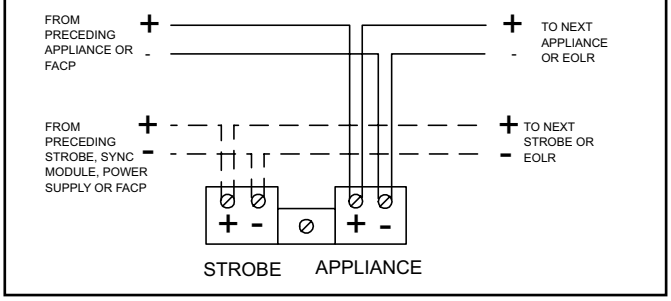
STROBE/PLATE ASSEMBLY
AUDIBLE & VISIBLE APPLIANCE OPERATE IN UNISON



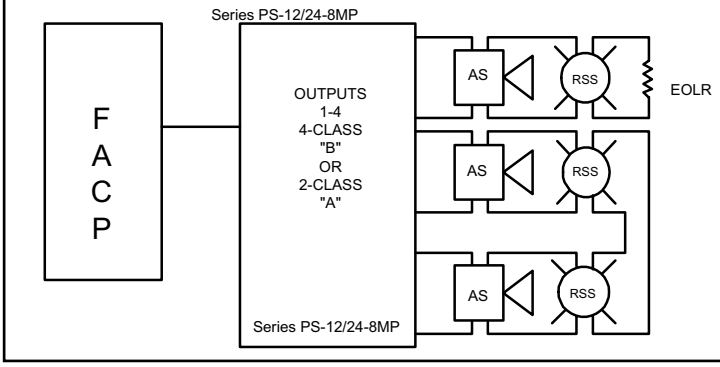
SERIES RSS/RSSP APPLIANCE SYNCHRONIZED WITH SM MODULE SINGLE CLASS "B" NAC CIRCUIT



STROBE/PLATE ASSEMBLY
AUDIBLE & VISIBLE APPLIANCE OPERATE INDEPENDENTLY



SERIES RSS/RSSP APPLIANCES SYNCHRONIZED WITH PS-12/24-8CP or PS-12/24-8MP



For detail using SM or DSM Sync Module refer to Data Sheet S3000 or Installation Instructions P83123 for SM and P83177 for DSM. For wiring information on the power supplies refer PS-24-8MC.

Specifications and Ordering Information

Model	Order Code	Wall Mount	Ceiling Mount	Non-Sync	Strobe Candela	24 VDC	12 VDC	Color RED	Color WHITE	Mounting Options***	Square or Round	Agency Approvals				
												UL	MEA	CSFM	FM	BFP
RSS-24MCW-FR	940	X	-	X	15/30/75/110	X	-	X	-	B,D,E,F,G,H,J,N,O,R,X	Square	X	X	X	X	X
RSS-24MCW-FW	9401	X	-	X	15/30/75/110	X	-	-	X	B,D,E,F,G,H,J,N,O,R,X	Square	X	X	X	X	X
RSS-241575W-FR	7471	X	-	X	15 (75 on Axis)	X	-	X	-	B,D,E,F,G,H,J,N,O,R,X	Square	X	X	X	X	X
RSS-241575W-FW	7788	X	-	X	15 (75 on Axis)	X	-	-	X	B,D,E,F,G,H,J,N,O,R,X	Square	X	X	X	X	X
RSS-121575W-FR	7476	X	-	X	15 (75 on Axis)	-	X	X	-	B,D,E,F,G,H,J,N,O,R,X	Square	X	X	X	X	X
RSS-121575W-FW	7468	X	-	X	15 (75 on Axis)	-	X	-	X	B,D,E,F,G,H,J,N,O,R,X	Square	X	X	X	X	X
RSS-24MCC-FW	3158	-	X	X	15/30/75/95	X	-	-	X	B,D,E,F,G,H,J,N,O,R,X	Square	X	X	X	X	*
RSS-24MCC-FR	3157	-	X	X	15/30/75/95	X	-	X	-	B,D,E,F,G,H,J,N,O,R,X	Square	X	X	X	X	*
RSS-24MCCR-FW	3160	-	X	X	15/30/75/95	X	-	-	X	B,D,E,F,G,H,J,N,O,R,X	Round	X	X	X	X	*
RSS-24MCCH-FW	3461	-	X	X	115/177	X	-	-	X	B,D,E,F,G,H,J,N,O,R,X	Square	X	X	X	X	*
RSS-24MCCHR-FW	3463	-	X	X	115/177	X	-	-	X	B,D,E,F,G,H,J,N,O,R,X	Round	X	X	X	X	*
RSS-24MCWH-FR	3465	X		X	135/185	X		X		B,D,E,F,G,H,J,N,O,R,X	Square	X	X	X	X	*
RSS-24MCWH-FW	3464	X		X	135/185	X			X	B,D,E,F,G,H,J,N,O,R,X	Square	X	X	X	X	*
RSSWP-2475W-FR**	9013	X	-	X	180@ 77°F 75@ -31°F	X	X	X	-	B,D,E,F,G,H,J,N,O,R,X	Square	X	X	X	X	*
RSSWP-2475W-FW**	3034	X	-	X	180@ 77°F 75@ -31°F	X	X	-	X	B,D,E,F,G,H,J,N,O,R,X	Square	X	X	X	X	*
RSSP-121575W-FR	7798	X	-	X	15 (75 on Axis)	-	X	X	-	D,E,Z	Square	X	X	X	X	X
RSSP-24MCW-FR	9402	X	-	X	15/30/75/110	X	-	X	-	D,E,Z	Square	X	X	X	X	X
RSSP-241575W-FR	7793	X	-	X	15 (75 on Axis)	-	-	X	-	D,E,Z	Square	X	X	X	X	X

*PENDING

All models sync with Wheelock SM, DSM or PS-12/24-8CP or PS-12/24-8MP.
Models are available in either Red or White. Call Customer Service for Order Code & Delivery.
**For Weatherproof Series RSS Strobe specifications see data sheet S3004.
***Refer to data sheet S7000 for mounting options.

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Architects and Engineers Specifications

The visual notification appliances shall be Wheelock Series RSS Strobe Appliances or approved equals. The Series RSS shall meet and be listed for UL Standard 1971 (Emergency Devices for the Hearing-Impaired) for Indoor Fire Protection Service. The strobe shall be listed for indoor use and shall meet the requirements of FCC Part 15 Class B. The strobe appliances shall produce a flash rate of one (1) flash per second over the Regulated Voltage Range and shall incorporate a Xenon flashtube enclosed in a rugged Lexan® lens. All inputs shall be compatible with standard reverse polarity supervision of circuit wiring by a Fire Alarm Control Panel (FACP). When Strobe Plates are to be installed, they shall be the Wheelock Series RSSP Strobe Plate and shall have the same electronic circuitry as the Wheelock Series RSS.

The Series RSS Strobe shall be of low current design. Where Multi-Candela appliances are specified, the strobe intensity shall have field selectable settings and shall be rated per UL Standard 1971 at 15/30/75/110cd or 135/185cd for wall mount and 15/30/75/95cd or 115/177cd for ceiling mount. The selector switch for selecting the candela shall be tamper resistant. The 1575 candela strobe shall be specified when 15 candela UL Standard 1971 Listing with 75 candela on axis is required (e.g. ADA compliance).

When synchronization is required, the appliance shall be compatible with Wheelock's SM, DSM Sync Modules, Wheelock Power Supplies or other manufacturers panels with built-in Wheelock Patented Sync Protocol. The strobes shall not drift out of synchronization at any time during operation. If the sync module or Power Supply fails to operate, (i.e., contacts remain closed), the strobe shall revert to a non-synchronized flash rate. The strobes shall be designed for indoor surface of flush mounting.

The Series RSS Strobe Appliances shall incorporate a Patented, Integral Strobe Mounting Plate that shall allow mounting to single-gang, double-gang, 4-inch square, 100mm European type backboxes, or the SHBB Surface Backbox. If required, an NATP (Notification Appliance Trimplate) shall be provided. An attaching cover plate shall be provided to give the Appliance and attractive appearance. The Appliance shall not have any mounting holes or screw heads visible when the installation is completed.

The Series RSSP Multi-Candela or single candela Strobe Plate shall mount to either a standard 4 inch square backbox for flush mounting, or the Wheelock SBL2 backbox for surface mounting.

All notification appliances shall be backward compatible.

NOTE: Due to continuous development of our products, specifications and offerings are subject to change without notice in accordance with Wheelock, Inc. standard terms and conditions.

13 640 149

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