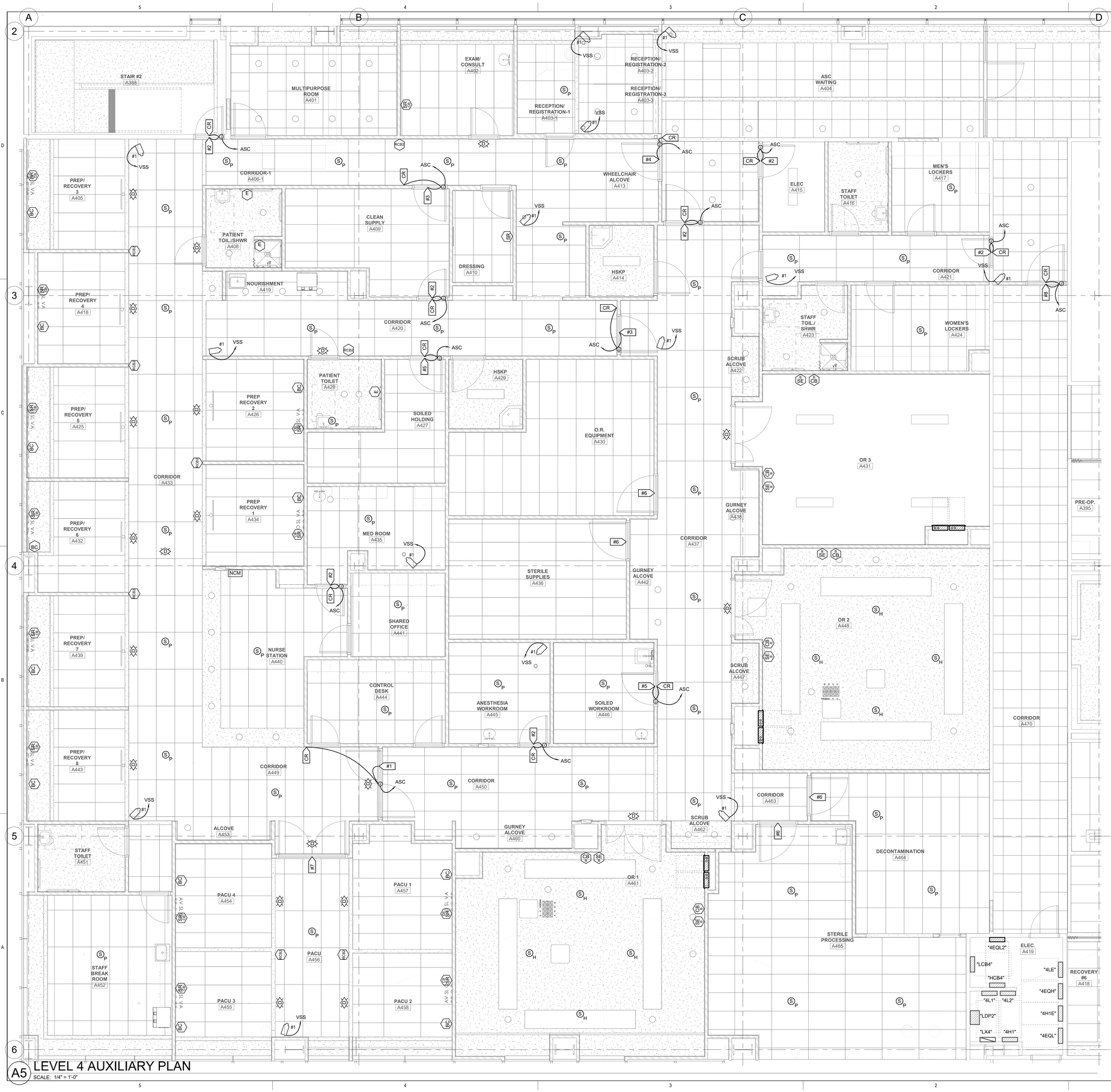

A5 LEVEL 4 AUXILIARY PLAN

SCALE: 1/4" = 1'-0"

11/5/2020 5:03:39 PM C:\Users\jad\Documents\20195620 - ELEC CENTRAL - ASC_jadCZKG4.rvt

GENERAL SHEET NOTES

SHEET KEYNOTES

NJRA Architects, Inc.
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Intermountain Healthcare

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Wayfinding	
Sheet Reviewer	Author

MARK	DATE	DESCRIPTION

Project Number	10173823
Original Issue	11/6/20

LICENSED PROFESSIONAL ENGINEER No. 7057318 CARLTON A. GETZ 11/6/2020 STATE OF UTAH

Sheet Name

LEVEL 4 AUXILIARY PLAN

Sheet Number

EYA101

Project Status

100% Construction Documents

HILL-ROM NURSE CALL SYMBOL LIST

SYMBOL	MANUF.	PART #	DESCRIPTION	BACKBOX	BOX MOUNTING HEIGHT
NCM	HILL-ROM	P2500NNC1B00	STAFF CONSOLE, DESK MOUNT	STEEL CITY 58371 3/4R, RACO 561, OR ANY OTHER SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
NCM W	HILL-ROM	P2594NNC3A00	STAFF CONSOLE, WALL MOUNT	STEEL CITY 58371 3/4R, RACO 561, OR ANY OTHER SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
GA	HILL-ROM	P2594NNC3B00	GRAPHICAL ANNUNCIATOR	STEEL CITY 58371 3/4R, RACO 561, OR ANY OTHER SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
BC	HILL-ROM	P2505NNC1B00	AUDIO STATION BED CONNECTOR (ASBC)	GARVIN 52181-3/4, WITH GARVIN 52C13 RING, OR ANY OTHER 4" SQUARE 3.5" DEEP BACK BOX WITH SINGLE GANG MUD RING.	REFER TO ELEVATION DRAWINGS
EQ	HILL-ROM	P2516A01	EQUIPMENT RECEPTACLE	STEEL CITY 58371 3/4R, RACO 561, OR ANY OTHER SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
D	HILL-ROM	P2506NNC1B00	DOME LIGHT, SINGLE LED	RACO 231, WITH RACO 778 RING, OR ANY OTHER 4" SQUARE 2 1/8" DEEP BACK BOX.	REFER TO ELEVATION DRAWINGS
D	HILL-ROM	P2506NNC8A00-D	ICON BASED-LIGHT LED DOME LIGHT	STEEL CITY CYLE-3/4, RACO 591, OR ANY OTHER 3.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
Z	HILL-ROM	P2506NNC8A00-7	ICON BASED-LIGHT LED ZONE LIGHT	STEEL CITY CYLE-3/4, RACO 591, OR ANY OTHER 3.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
POE-24	HILL-ROM	P2519NNC1A24	POE SWITCH		REFER TO ELEVATION DRAWINGS
PB	HILL-ROM	P2520A07	CODE BLUE PUSH BUTTON SWITCH	RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
SB	HILL-ROM	P2520A08	STAFF EMERGENCY PUSH BUTTON SWITCH	RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
E	HILL-ROM	P2520B01	BATH SWITCH, W/CANCEL, SUPERVISED	RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
S	HILL-ROM	P2520B02	BATH SWITCH, W/O CANCEL, SUPERVISED	RACO 561 BACK BOX, OR ANY OTHER 2.5" DEEP SINGLE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
UPS, APC Rackmount Non-Seismic	HILL-ROM	P2521B02	UPS, RACK MOUNTABLE, 2U - NON-SEISMIC		REFER TO ELEVATION DRAWINGS
SR	HILL-ROM	P2594NNC1B01	STAFF STATION - STANDARD ROOM STATION W/O CODE	STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
SR	HILL-ROM	P2594NNC2C00	GRAPHICAL ROOM STATION (GRS) - STAFF	STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
SR	HILL-ROM	P2594NNC2C11	GRAPHICAL ROOM STATION (GRS) - PATIENT	STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
RAU	HILL-ROM	P2594NNC4A10	REMOTE AUDIO DEVICE	STEEL CITY GW-225G, RACO 691 OR ANY OTHER 2.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
RCB	HILL-ROM	P2599NNC2A00	RCB2 ROOM CONTROL BOARD	STEEL CITY GW-235G, RACO 696 OR ANY OTHER 3.5" DEEP, TWO OR THREE GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
RTLS	HILL-ROM	RTLS-CLOSED	RTLS - STAFF LOCATING LOCATION-CLOSED AREA	STEEL CITY GW-225G, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
RTLS	HILL-ROM	RTLS-OPEN	RTLS - STAFF LOCATING LOCATION-GLASS/OPEN AREA	STEEL CITY GW-225G, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
RTLS	HILL-ROM	RTLS-BAY	RTLS - STAFF LOCATING LOCATION-BAY	STEEL CITY GW-225G, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS
R	CURBELL	MAP985A	REMOTE ENTERTAINMENT STATION	STEEL CITY GW-225C, RACO 691 OR ANY OTHER TWO GANG BACK BOX.	REFER TO ELEVATION DRAWINGS

TV DISTRIBUTION EQUIPMENT LIST

SYMBOL	DESCRIPTION	QTY	ACCEPTABLE TYPES
8P	MULTI-PORT SPLITTER	OFP	2-PORT BLONDER TONGUE SXRS-2 4-PORT BLONDER TONGUE SXRS-4 8-PORT BLONDER TONGUE SXRS-8
DA	BROADBAND AMPLIFIER	OFP	BLONDER TONGUE BIDA 75A-43P
	WALL TAP PLATE	OFP	BLONDER TONGUE VERSATAP SERIES MODEL V-1GF-FT W/ COVER PLATE
	RF TERMINATOR	A/R	75 OHM TERMINATOR
T	COAXIAL CABLE, HORIZONTAL DROP	A/R	RG-6 (SEE SPECIFICATIONS)
TR	COAXIAL CABLE, TRUNK	A/R	RG-11 (SEE SPECIFICATIONS)

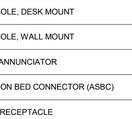
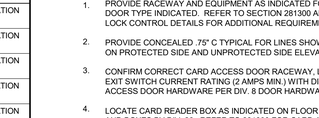
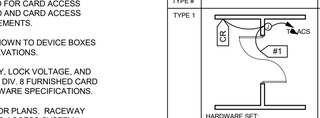
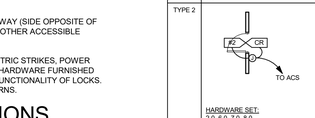
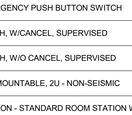
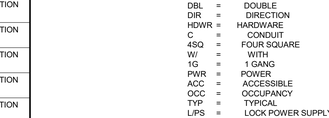
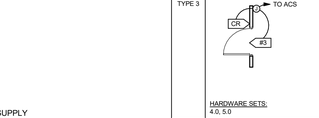
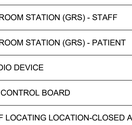
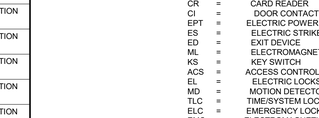
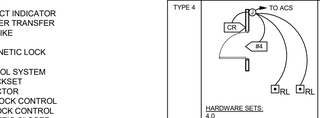
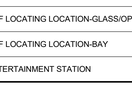
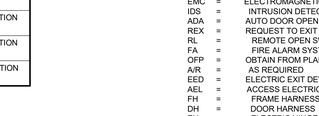
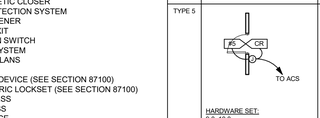
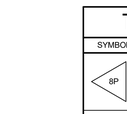
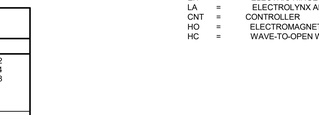
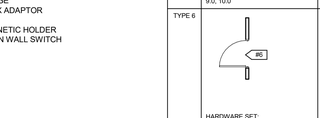
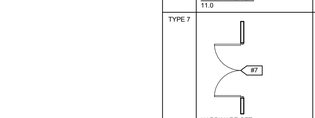
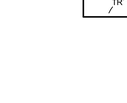
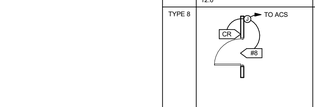
NOTES

1. PROVIDE RACEWAY AND EQUIPMENT AS INDICATED FOR CARD ACCESS DOOR TYPE INDICATED. REFER TO SECTION 281300 AND CARD ACCESS LOCK CONTROL DETAILS FOR ADDITIONAL REQUIREMENTS.
2. PROVIDE CONCEALED .75" C TYPICAL FOR LINES SHOWN TO DEVICE BOXES ON PROTECTED SIDE AND UNPROTECTED SIDE ELEVATIONS.
3. CONFIRM CORRECT CARD ACCESS DOOR RACEWAY, LOCK VOLTAGE, AND EXIT SWITCH CURRENT RATING (2 AMPS MIN.) WITH DIV. 8 FURNISHED CARD ACCESS DOOR HARDWARE PER DIV. 8 DOOR HARDWARE SPECIFICATIONS.
4. LOCATE CARD READER BOX AS INDICATED ON FLOOR PLANS. RACEWAY AND BOXES BY DIV. 26. REFER TO 281300 FOR CARD ACCESS SYSTEM REQUIREMENTS.
5. DOUBLE 4SQ J-BOX ON PROTECTED SIDE OF DOORWAY (SIDE OPPOSITE OF CARD READER) ABOVE ACCESSIBLE CEILING OR IN OTHER ACCESSIBLE LOCATION. PROVIDE COVER FOR J-BOX.
6. ELECTRIC LOCKING HARDWARE (MAG LOCKS, ELECTRIC STRIKES, POWER TRANSFER HINGES, ETC.) BY DIV 8. REVIEW DOOR HARDWARE FURNISHED AND VERIFY LOCK VOLTAGES AND OPERATIONAL FUNCTIONALITY OF LOCKS. CONTACT ENGINEER WITH QUESTIONS OR CONCERNS.

ABBREVIATIONS

DBL	=	DOUBLE
DIR	=	DIRECTION
HDWR	=	HARDWARE
C	=	CONDUIT
4SQ	=	FOUR SQUARE
W/	=	WITH
1G	=	1 GANG
PWR	=	POWER
ACC	=	ACCESSIBLE
OCC	=	OCCUPANCY
TYP	=	TYPICAL
L/PS	=	LOCK POWER SUPPLY
CR	=	CARD READER
CI	=	DOOR CONTACT INDICATOR
EPT	=	ELECTRIC POWER TRANSFER
ES	=	ELECTRIC STRIKE
ED	=	EXIT DEVICE
ML	=	ELECTROMAGNETIC LOCK
KS	=	KEY SWITCH
ACS	=	ACCESS CONTROL SYSTEM
EL	=	ELECTRIC LOCKSET
MD	=	MOTION DETECTOR
TLC	=	TIME/SYSTEM LOCK CONTROL
ELC	=	EMERGENCY LOCK CONTROL
EMC	=	ELECTROMAGNETIC CLOSER
IDS	=	INTRUSION DETECTION SYSTEM
ADA	=	AUTO DOOR OPENER
REX	=	REQUEST TO EXIT
RL	=	REMOTE OPEN SWITCH
FA	=	FIRE ALARM SYSTEM
OFP	=	OBTAIN FROM PLANS
A/R	=	AS REQUIRED
EED	=	ELECTRIC EXIT DEVICE (SEE SECTION 87100)
AEL	=	ACCESS ELECTRIC LOCKSET (SEE SECTION 87100)
FH	=	FRAME HARNESS
DH	=	DOOR HARNESS
EH	=	ELECTRIC HINGE
LA	=	ELECTROLYNX ADAPTOR
CNT	=	CONTROLLER
HO	=	ELECTROMAGNETIC HOLDER
HC	=	WAVE-TO-OPEN WALL SWITCH

CARD ACCESS DOOR TYPE SCHEDULE

DOOR TYPE #	SYMBOL	DESCRIPTION	PROTECTED SIDE ELEVATION	UNPROTECTED SIDE ELEVATION	LOCK TYPE(S)	DIVISION OF WORK AND COMMENTS
TYPE 1	 HARDWARE SET: 1.0	DOUBLE DOOR, 1 CARD READER, 1 HAND WAVE, MAGNETIC LOCKS, FREE EGRESS ONE LEAF			MAGNETIC LOCK	SECURITY CONTRACTOR PROVIDES: • CR HARDWARE CONTRACTOR PROVIDES: • FH, DH, LPS, EED, HC LOCK CONTROLLED BY: • CR, HC
TYPE 2	 HARDWARE SET: 2.0, 6.0, 7.0, 8.0	SINGLE DOOR, CARD READER, NORMALLY LOCKED			EXIT DEVICE	SECURITY CONTRACTOR PROVIDES: • L/PS, ED HARDWARE CONTRACTOR PROVIDES: • FH, DH, CR LOCK CONTROLLED BY: • CR
TYPE 3	 HARDWARE SETS: 4.0, 5.0	SINGLE DOOR, 1 CARD READER, ELECTRIC STRIKE, 1 HAND WAVE, NORMALLY LOCKED			ELECTRIC STRIKE	SECURITY CONTRACTOR PROVIDES: • CR, L/PS HARDWARE CONTRACTOR PROVIDES: • EPT, ES, ADA, HC LOCK CONTROLLED BY: • CR, HC
TYPE 4	 HARDWARE SETS: 4.0	SINGLE DOOR, 1 CARD READER, ELECTRIC STRIKE, 1 HAND WAVE, 2 RELEASE BUTTONS, NORMALLY LOCKED			ELECTRIC STRIKE	SECURITY CONTRACTOR PROVIDES: • CR, L/PS HARDWARE CONTRACTOR PROVIDES: • ES, ADA, HC, RL LOCK CONTROLLED BY: • CR, HC, RL
TYPE 5	 HARDWARE SET: 9.0, 10.0	SINGLE DOOR, CARD READER, NORMALLY LOCKED, ELECTROMECHANICAL CLOSER, FAIL SAFE DISCONNECT ON FIRE ALARM			ELEC CLOSER	SECURITY CONTRACTOR PROVIDES: • L/PS, ED HARDWARE CONTRACTOR PROVIDES: • FH, DH, CR, EMC LOCK CONTROLLED BY: • CR
TYPE 6	 HARDWARE SET: 11.0	SINGLE DOOR, ELECTRIC STRIKE, 2 HAND WAVES			ELECTRIC STRIKE	SECURITY CONTRACTOR PROVIDES: • NONE HARDWARE CONTRACTOR PROVIDES: • ES, ADA, HC LOCK CONTROLLED BY: • HC
TYPE 7	 HARDWARE SET: 12.0	DOUBLE DOOR, ELECTRIC STRIKE, 2 HAND WAVES			ELECTRIC STRIKE	SECURITY CONTRACTOR PROVIDES: • NONE HARDWARE CONTRACTOR PROVIDES: • EPT, ES, ADA, HC, DH, FH LOCK CONTROLLED BY: • HC
TYPE 8	 HARDWARE SETS: 21.0	1 CARD READER, ELECTRIC STRIKE			ELECTRIC STRIKE	SECURITY CONTRACTOR PROVIDES: • CR HARDWARE CONTRACTOR PROVIDES: • ES LOCK CONTROLLED BY: • CR

HDR

NJRA ARCHITECTS

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Wayfinding	

Sheet Reviewer	Author

MARK	DATE	DESCRIPTION

Project Number	10173823
Original Issue	11/6/20

LICENSED PROFESSIONAL ENGINEER
No. 7057318
CAMERON A. GETZ
11/6/2020
STATE OF UTAH

Sheet Name

AUXILIARY SCHEDULES

Sheet Number

EYA601

Project Status

100% Construction Documents

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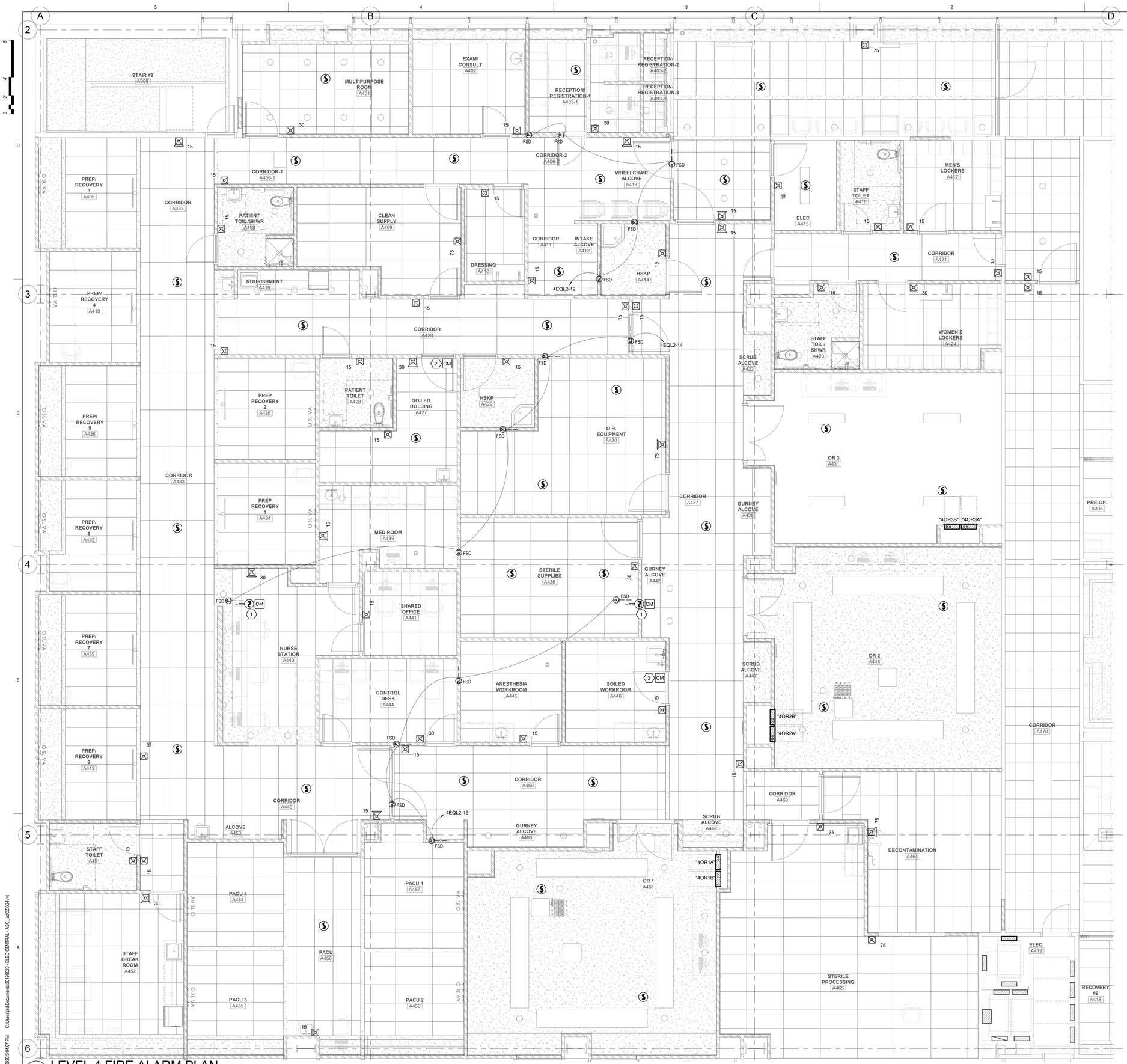

A5 LEVEL 4 FIRE ALARM PLAN
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

SHEET KEYNOTES

1 PROVIDE DUCT SMOKE DETECTOR FOR ROOFTOP AHU. PROVIDE WITH CONTROL MODULE FOR AHU SHUT OFF.

2 PROVIDE CONTROL MODULE AND CONNECTION TO SAFE ZONE DOOR CLOSER. SEE POWER PLAN FOR POWER CONNECTION.

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Wayfinding	
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LICENSED PROFESSIONAL ENGINEER No. 7705218 CHARLES A. GETZ 11/6/2020 STATE OF UTAH

Sheet Name
LEVEL 4 FIRE ALARM PLAN

Sheet Number
FAA101

Project Status
100% Construction Documents

TRUE NORTH

WIRING SCHEDULE

FUNCTION	< 500'	< 1000'	1000'-3000'	> 3000'
ADDRESSABLE LOOP	#18 TSP	#18 TSP	#16 TSP	#14 TSP
POWER LOOP	#14 THWN	#14 THWN	#12 THWN	#10 THWN
SPARE LOOP	#14 THWN	#14 THWN	#12 THWN	#10 THWN
STROBE HORNS	#14 THWN	#14 THWN	#12 THWN	#10 THWN
MAGNETIC DOOR HOLDER	#12 THWN	#10 THWN		
SPEAKERS	#16 TSP	#16 TSP	#14 TSP	#14 TSP

NOTIFICATION SCHEDULE

SYMBOL	STROBE SIZE	COVERAGE	AVERAGE CURRENT	MAXIMUM PER CIRCUIT ALONE
15	15 CD	20'x20'	.085A	17
30	30 CD	30'x30'	.135A	11
75	75 CD	40'x40'	.200A	7
110	110 CD	50'x50'	.225A	6

FIRE ALARM INPUT/OUTPUT MATRIX

	ZONE	OUTPUT DEVICES: GENERAL ALARM	DOOR HOLDER/CLOSERS	ELEVATOR RECALL MAIN LEVEL	ELEVATOR RECALL ALTERNATE LEVEL	FAN SHUTDOWN	FIRE DAMPER	MAIN LEVEL ELEVATOR DOORS HOLD OPENS	2ND LEVEL ELEVATOR DOORS HOLD OPENS	3RD LEVEL ELEVATOR DOORS HOLD OPENS	4TH LEVEL ELEVATOR DOORS HOLD OPENS	5TH LEVEL ELEVATOR DOORS HOLD OPENS	ELEVATOR SHUNT TRIP				NOTES
INITIATING DEVICES	1 MAIN FLOW	o															
	2 MAIN TAMPER																
	3 MAIN LEVEL FLOW																
	4 MAIN LEVEL TAMPER																
	5 2ND LEVEL FLOW																
	6 2ND LEVEL TAMPER																
	7 3RD LEVEL FLOW																
	8 3RD LEVEL TAMPER																
	9 4TH LEVEL FLOW																
	10 4TH LEVEL TAMPER																
	11 5TH LEVEL FLOW																
	12 5TH LEVEL TAMPER																
	13 PENTHOUSE FLOW																
	14 PENTHOUSE TAMPER																
	15 MAIN LEVEL INITIATING LOOP																
	16 MAIN LEVEL ELEVATOR DETECTOR																
	17 MAIN LEVEL DUCT DETECTOR																
	18 2ND LEVEL INITIATING LOOP																
	19 2ND LEVEL ELEVATOR DETECTOR																
	20 2ND LEVEL DUCT DETECTOR																
	21 3RD LEVEL INITIATING LOOP																
	22 3RD LEVEL ELEVATOR DETECTOR																
	23 3RD LEVEL DUCT DETECTOR																
	24 4TH LEVEL INITIATING LOOP																
	25 4TH LEVEL ELEVATOR DETECTOR																
	26 4TH LEVEL DUCT DETECTOR																
	27 5TH LEVEL INITIATING LOOP																
	28 5TH LEVEL ELEVATOR DETECTOR																
	29 5TH LEVEL DUCT DETECTOR																
	30 PENTHOUSE LEVEL INITIATING LOOP																
	31 PENTHOUSE LEVEL ELEVATOR DETECTOR																
	32 PENTHOUSE LEVEL DUCT DETECTOR																
	33 FIRE PUMP PUMP RUNNING																
	34 FIRE PUMP LOSS OF POWER																
	35 FIRE PUMP PHASE REVERSAL																
	36 ELEVATOR SPRINKLER HEAT DETECTORS																

GENERAL SHEET NOTES

1 PLANS ARE BASED UPON 99 MONITOR AND CONTROL DEVICES PER ADDRESSABLE LOOP. OTHER CONFIGURATIONS ARE ACCEPTABLE SUBJECT TO CONTRACTOR ALLOWING FOR INCREASED WIRING REQUIREMENTS AND SUBMITTAL DRAWINGS SHOWING NEW WIRING CONFIGURATION. MAXIMUM INITIAL DEVICES PER LOOP SHALL NOT EXCEED 75% MAXIMUM ALLOWABLE.

2 PLANS ARE BASED UPON THE WIRING SCHEDULE SHOWN. WHERE MANUFACTURER'S REQUIREMENTS EXCEED REQUIREMENTS SHOWN, INCLUDE ADDITIONAL ASSOCIATED COSTS AND SUBMITTAL DRAWINGS INDICATING NEW WIRING CONFIGURATION.

3 PLANS ARE BASED UPON 2 AMPS AT 24 VDC, NOT TO EXCEED 75% (1.50 AMPS AVAILABLE), POWER SUPPLY CAPACITY PER NOTIFICATION CIRCUIT. NOTIFICATION DEVICE LOADS ARE BASED UPON NOTIFICATION DEVICE SCHEDULE SHOWN. INCLUDE ADDITIONAL ASSOCIATED COSTS FOR INCREASED WIRING AND POWER SUPPLY CAPACITY IF LOADS OF ACTUAL DEVICES PROVIDED EXCEED CIRCUIT CAPACITY, OR IF LOAD OUTPUT OF ACTUAL POWER SUPPLIES PROVIDED IS SIZED DIFFERENTLY. PROVIDE SUBMITTAL DRAWINGS SHOWING NEW WIRING CONFIGURATION.

4 FLOW AND TAMPER CONFIGURATION BASED UPON FIRE SPRINKLER DESIGN CONCEPT. FIELD VERIFY ACTUAL REQUIREMENTS. INCLUDE ANY ADDITIONAL MONITOR MODULES REQUIRED BY ACTUAL DESIGN REQUIREMENTS.

5 HEAT DETECTORS WHEN INSTALLED IN ELEVATOR SHAFTS OR MECHANICAL ROOMS FOR ELEVATOR SHUT DOWN SHALL HAVE HEAT DETECTOR WITH LOWER RESPONSE TIME INDEX THAN SPRINKLER HEAD.

6 PROVIDE POWER SUPPLY CAPACITY AS REQUIRED FOR DOOR HOLD OPENS SHOWN.

7 BATTERY CAPACITY TO BE ADEQUATE TO OPERATE 15 MINUTES AFTER 24 HOURS PLUS 25% SPARE CAPACITY.

8 VFD REQUIRES TWO RELAYS, ONE FOR SMOKE CONTROL, ONE SPARE.

9 RUN SPARE LOOPS IN SAME CONDUIT. DO NOT EXCEED 40% AREA FILL OF CONDUITS.

10 PROVIDE DUCT DETECTORS FOR SUPPLY AND RETURN AIR SYSTEMS OVER 2000 CFM. INSTALL DUCT DETECTORS PER NFPA 72 REQUIREMENTS AND PROVIDE ADDITIONAL DUCT DETECTORS DEPENDING UPON FINAL DUCT ARRANGEMENT.

11 PROVIDE DUCT DETECTOR AT EACH FLOOR, PRIOR TO CONNECTION TO A COMMON RETURN AND PRIOR TO RECIRCULATING OR FRESH AIR INLET IN AIR RETURN SYSTEMS OVER 15,000 CFM CAPACITY AND SERVING MORE THAN ONE STORY.

12 PROVIDE MANUAL PULL STATIONS IN BOILER ROOMS AND KITCHENS.

13 PROVIDE ONE YEAR OFF SITE MONITORING INCLUDING ALL INTERFACE DEVICES AND MONITORING CHARGES. COORDINATE WITH BUILDING OWNER'S OFF SITE MONITORING COMPANY.

14 LOCATE SMOKE DETECTORS MINIMUM 3' FROM AIR SUPPLY AND RETURN LOUVERS.

15 PROVIDE SYNCHRONIZED STROBES THROUGHOUT FACILITY. PROVIDE SYNCHRONIZATION MODULES PER MANUFACTURER'S REQUIREMENTS. INCLUDE ADDITIONAL WIRING, IF REQUIRED.

16 INITIATING AND INDICATING LOOPS SHALL NOT SERVE AN AREA OF GREATER THAN 22,500 SQUARE FEET. PROVIDE ADDITIONAL LOOPS FOR AREAS LARGER THAN THIS.

17 ALL OUTPUT DEVICES ARE DESIGNED ON SYSTEMS WITH 2 AMP POWER SUPPLY.

18 HORN/STROBE BASED ON 120 MILLIAMPS, DOOR HOLDERS BASED ON 70 MILLIAMPS.

19 INSTALL DUCT DETECTORS PER NFPA 72 REQUIREMENTS AND PROVIDE ADDITIONAL DUCT DETECTORS DEPENDING UPON FINAL DUCT ARRANGEMENT.

HDR

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LICENSED PROFESSIONAL ENGINEER
No. 7057818
CARLTON A. GETZ
11/6/2020
STATE OF UTAH

Sheet Name

FIRE ALARM RISER

Sheet Number

FAA601

Project Status

100% Construction Documents