

OCCUPANCY SENSOR SCHEDULE			
<div><div>01</div><div>MULTI-TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR WITH PHOTOCELL CONTROL AND RELAY. WATTS/STOPPER: #LS-101 PROVIDE WITH LOW VOLTAGE POWER PACK HUBBELL: #K0NND12000RP PROVIDE WITH MP120A. POWER PACK, TIE RELAY AND PHOTOCELL AHEAD OF ROOM SWITCHING.</div></div>			
<div><div>05</div><div>MULTI-TECHNOLOGY, CEILING MOUNTED OCCUPANCY SENSOR (LINE VOLTAGE) WATTS/STOPPER: DT-355-3 HUBBELL: #K0NND12000</div></div>			
<div><div>\$0.25</div><div>MULTI-TECHNOLOGY WALL SWITCH SENSOR PIR & ULTRASONIC DUAL SWITCHING, DUAL RELAY, LIGHT LEVEL SENSING, FITS IN SINGLE GANG BOX, SINGLE TRIM RING. WATTS/STOPPER: #PW-200 HUBBELL: #LHM1D2</div></div>			
<div><div>\$0.50</div><div>PIR SINGLE SWITCH SENSOR WITH LIGHT LEVEL SENSOR, FITS IN SINGLE GANG BOX, SINGLE TRIM RING. WATTS/STOPPER: #PW-100 HUBBELL: #LHKS1</div></div>			
<div><div>\$0.75</div><div>PIR WALL SWITCH SENSOR WITH DUAL SWITCHING, DUAL RELAY AND LIGHT LEVEL SENSOR, FITS IN SINGLE GANG BOX, SINGLE SWITCHING. WATTS/STOPPER: #PW-200 HUBBELL: #LHM1D2</div></div>			
GENERAL NOTES:			
E.C. SHALL CONTACT ARCHITECT FOR COLOR SELECTION PRIOR TO ORDER OF ANY SENSOR.			
ELECTRICAL ABBREVIATIONS			
AC	ABOVE COUNTERTOP	MG	MED GAS PANEL
AF	ABOVE FINISH FLOOR	MD	MOUNTED
AFG	ABOVE FINISH GRADE	OC	OCCUPANCY
ANNC	ANNUNCIATOR	PC	PLUMBING CONTRACTOR
CC	CONTROLS CONTRACTOR	PNL	PANEL
DPST	DOUBLE POLE SINGLE THROW	SPST	SINGLE POLE SINGLE THROW
EC	ELECTRICAL CONTRACTOR	TC	TIME CLOCK
EM	EMERGENCY	TR	TAMPER RESISTANT
EX	EXISTING	TVSS	TRANSIENT VOLTAGE SURE SUPPRESSION
EXR	EXISTING RELOCATED	UNO	UNLESS NOTED OTHERWISE
GC	GENERAL CONTRACTOR		
GFI	GROUND FAULT INTERUPT	VFD	VARIABLE FREQUENCY DRIVE
HP	HORSEPOWER	WP	WEATHER PROOF
LV	LOW VOLTAGE	20A	20 AMP
LMS	LUMENS	ø	PHASE
MC	MECHANICAL CONTRACTOR	3W	3 WIRE
MCA	MINIMUM CIRCUIT AMPS	20/1	20 AMP SINGLE PHASE
MDP	MAIN DISTRIBUTION PANEL		

GENERAL ELECTRICAL NOTES

1. ALL WORK SHALL BE IN CONFORMANCE WITH NATIONAL, STATE, AND LOCAL CODES AND/OR ORDINANCES.
2. SEE ARCHITECTURAL, MECHANICAL, & PLUMBING DRAWINGS FOR ADDITIONAL REQUIREMENTS.
3. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC ONLY. THEY ARE NOT INTENDED TO BE CONSIDERED AS CONDITIONS AND SHALL BE DESIGNED IN ACCORDANCE WITH THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PRODUCTS, MATERIALS, AND ELECTRICAL METHODS WHICH HAVE NOT BEEN SHOWN OR INDICATED BUT ARE REQUIRED FOR A COMPLETE SYSTEM TO THE STANDARDS OF THE INDUSTRY.
4. INSTALL LIGHTING FIXTURES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE SUPPORTING DEVICES FOR ADEQUATE SUPPORT OF FIXTURES FROM STRUCTURE.
5. UPON COMPLETION OF THE ELECTRICAL WORK, THE INSTALLATION SHALL BE TESTED FOR CONTINUITY, GROUNDS, AND SHORT CIRCUITS. THE ELECTRICAL CONTRACTOR SHALL DEMONSTRATE PROPER PERFORMANCE OF ALL SYSTEMS. ALL DEFECTIVE WORK OR MATERIALS SHALL BE REPLACED OR REPAIRED AS NECESSARY AND RETESTED.
6. ELECTRICAL RACEWAYS THAT PENETRATE FIRE RATED ASSEMBLIES SHALL BE SLEEVED AND SEALED AS PER THE LOCAL BUILDING CODE.
7. THE ELECTRICAL CONTRACTOR SHALL PROVIDE A TEMPORARY ELECTRICAL SYSTEM FOR THE PROJECT, AT LEAST ONE (1) 20 VOLT SINGLE PHASE RECEPTACLE SHALL BE PROVIDED FOR EACH 500 SQUARE FEET OF FLOOR SPACE. SUFFICIENT TEMPORARY LIGHTING SHALL BE PROVIDED TO ALLOW ALL CONTRACTORS TO COMPLETE THEIR WORK. TEMPORARY ELECTRICAL CIRCUITS SHALL BE EQUIPPED WITH COMBINATION GROUND FAULT INTERRUPTER AND CIRCUIT BREAKER PER NEC. TEMPORARY ELECTRICAL SYSTEM SHALL BE INCLUDED IN THIS BID.
8. ELECTRICAL DEVICES/EQUIPMENT SHOWN AS DASHED AND BOLD ARE EXISTING TO BE REMOVED. ELECTRICAL DEVICES/EQUIPMENT SHOWN AS LIGHT AND SOLID ARE EXISTING TO REMAIN, AND ELECTRICAL DEVICES/EQUIPMENT SHOWN AS BOLD AND SOLID SHALL BE NEW.
9. ELECTRICAL CONTRACTOR SHALL PROVIDE ROUGH-IN, ALL WIRING & JACKS FOR COMMUNICATIONS DEVICES, INCLUDING 4" GANG, MINIMUM 2-1/8" DEEP BACKBOX WITH SINGLE GANG MUD RING, AND 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING WITH 90 DEGREE BEND INTO THE ROOM AND PLASTIC BUSHING.
10. PROTECT TELEMETRY AND OTHER LOW VOLTAGE CABLE FROM DEMOLITION OPERATIONS. DO NOT DISRUPT WITHOUT WRITTEN OWNER APPROVAL. UPON 5 DAY MINIMUM NOTICE.
11. ALL RECEPTACLES TO HAVE 10, TAG ON COVERPLATE STAINLESS STEEL PANEL AND CIRCUIT NUMBER THAT FEEDS THAT RECEPTACLE.
12. ALL CRITICAL & CRITICAL UPS CIRCUITED RECEPTACLES ARE TO HAVE RED OUTLETS AND STAINLESS STEEL COVERPLATES.
13. ALL LIFE SAFETY RECEPTACLES ARE TO HAVE RED OUTLETS AND STAINLESS STEEL COVERPLATES.
14. CABLE TRAY SHALL BE WIRE BASKET TYPE CABLE TRAY 12" WIDE BY 4" DEEP. FITTINGS SHALL HAVE 12 ROUNDS AND BE CONSTRUCTED OF STAINLESS STEEL. COVERPLATES PER NEC REQUIREMENTS. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND ROUTING OF CABLE TRAY WITH OTHER TRADES. CABLE TRAY SHALL BE, AS MANUFACTURED BY CABLOTEC, B-LINE, MONO-SYSTEMS, HUBBELL, OR OTHER EQUIVALENT PRODUCTS.

GENERAL ELECTRICAL NOTES

NURSE CALL:

























THE EXISTING ACCESS CONTROL SYSTEM IS A SIMPLEX GRINNELL EZ CARE NURSE CALL SYSTEM. ALL DEVICES MODIFIED OR ADDED FOR THIS PROJECT SHALL BE FULLY COMPATIBLE WITH THE EXISTING SYSTEM. CONTRACTOR SHALL INCLUDE ADDITIONAL EQUIPMENT REQUIRED FOR A FULLY OPERATIONAL SYSTEM. NEW EQUIPMENT INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING: NEW DUTY STATIONS, NEW CALL STATIONS, NEW WALKIE TALKIES, NEW COAL STATIONS, COLD BUS STATIONS, NEW WALKIE ELECTRONICS, STAR WIRING HUB, CABLEING AND CONNECTORS, ETC. ELECTRICAL CONTRACTOR SHALL CONTACT SCOTT NELSON AT THE SIMPLEX GRINNELL GREEN BAY, WI OFFICE (920-883-9309) TO COORDINATE ALL ACCESS CONTROL SYSTEM WORK. ELECTRICAL CONTRACTOR SHALL INCLUDE ALL OF THE FIRE ALARM WORK COSTS IN THEIR PROPOSAL AND CONTRACT. SIMPLEX GRINNELL SHALL BE THE SUB-CONTRACTOR FOR THIS SYSTEM.

CARD READER – ACCESS CONTROL:














THE EXISTING ACCESS CONTROL SYSTEM IS A SIMPLEX GRINNELL SYSTEM. ALL DEVICES MODIFIED OR ADDED FOR THIS PROJECT SHALL BE FULLY COMPATIBLE WITH THE EXISTING SYSTEM. ELECTRICAL CONTRACTOR SHALL CONTACT SCOTT NELSON AT THE SIMPLEX GRINNELL GREEN BAY, WI OFFICE (920-883-9309) TO COORDINATE ALL ACCESS CONTROL SYSTEM WORK. ELECTRICAL CONTRACTOR SHALL INCLUDE ALL OF THE FIRE ALARM WORK COSTS IN THEIR PROPOSAL AND CONTRACT. SIMPLEX GRINNELL SHALL BE THE SUB-CONTRACTOR FOR THIS SYSTEM.

FIRE ALARM SYSTEM:

THE EXISTING FIRE ALARM SYSTEM IS A SIMPLEX GRINNELL ADDRESSABLE SYSTEM WITH VOICE ANNUNCIATION. ALL DEVICES MODIFIED OR ADDED FOR THIS PROJECT SHALL BE FULLY COMPATIBLE WITH THE EXISTING SYSTEM. ELECTRICAL CONTRACTOR SHALL CONTACT SCOTT NELSON AT THE SIMPLEX GRINNELL GREEN BAY, WI OFFICE (920-883-9309) TO COORDINATE ALL FIRE ALARM SYSTEM WORK. ELECTRICAL CONTRACTOR SHALL INCLUDE ALL OF THE FIRE ALARM WORK COSTS IN THEIR PROPOSAL AND CONTRACT. SIMPLEX GRINNELL SHALL BE THE SUB-CONTRACTOR FOR THIS SYSTEM.

ELECTRICAL SYMBOLS LEGEND	
LIGHTING	
	TROFFER STYLE FIXTURE, 2x4
	TROFFER STYLE FIXTURE ON EMERGENCY POWER
	STRIP LIGHT
	SURFACE MTD FIXTURE, 2x4
	TROFFER STYLE FIXTURE, 2x2
	TROFFER STYLE FIXTURE 2x2 ON EMERGENCY POWER
	LIGHT FIXTURE - CEILING MOUNTED
	LIGHT FIXTURE - WALL MOUNTED
	WALL MTD LINEAR FIXTURE
	UNDERCABINET LIGHT
SWITCHING	
	SWITCH: BLANK = SINGLE POLE
	D = DIMMER
	LV = LOW VOLTAGE
	LM = LOW VOLTAGE MASTER PB = PUSH BUTTON MASTER STATION
	X = EXPLOSION PROOF 2 = DOUBLE POLE
	3 = THREE-WAY
	4 = FOUR-WAY
	K = KEY OPERATED
	L = LOCK P = WITH PILOT LIGHT
	RC = REMOTE CONTROL
	WP = WEATHER PROOF
	MO = OCCUPANCY SENSOR
	MS = MANUAL SWITCH
	CEILING MTD OCC. SENSOR

ELECTRICAL SYMBOLS LEGEND	
COMMUNICATIONS	
☐	TELEPHONE
☐	TELEPHONE/DATA
☐	WALL MOUNTED TELEPHONE (1) CAT9e CABLE
☐	DATA/VOICE RECEPTACLE
☐	DATA/VOICE RECEPTACLE 6" ABOVE COUNTER OR AT HEIGHT SHOWN
☐	DATA/VOICE RECEPTACLE – CEILING MOUNTED OUTLET
☐	TV = TELEVISION
☐	C = CAMERA
☐	M = MONITOR
☐	PM = PATIENT MONITOR; (4) CAT6 CABLES TO PATIENT MONITOR SYSTEM
☐	SPEAKER
☐	SPEAKER, FIRE ALARM
☐	WALL MOUNTED SPEAKER
☐	SPEAKER, FIRE ALARM WALL MOUNTED
☐	DOOR BELL/BUZZER
NURSE CALL	
☐	NURSECALL STATION
2 =	Duplicate facilities for two beds
D =	Duty station
E =	6.0" shower, 4.6" tub, 3.0" toilet
F =	FSICH CORRIDOR WITH KEY SWITCH
M =	MAIN VISUAL WALL STATION
S =	AUDIO VISUAL WALL STATION
U =	UTILITY CALL STATION
L =	LOCATOR
CB =	CODE BLUE
SA =	STAFF ASSIST
SM =	SUB MASTER STATION
TV =	PATIENT TV CONTROL
IR =	INFRARED SENSOR LOCATION DEVICE
2B =	PATIENT BEDSIDE STATION
B =	PATIENT BEDSIDE STATION
☐	NURSECALL STATION
2 =	DOME LIGHT ABOVE DOOR
D =	CORRIDOR DOME LIGHT
I =	AUXILIARY INTERSECTIONAL DOME LIGHT
SECURITY	
☐	CLOSED CIRCUIT CAMERA (COC)
☐	CARD READER
☐	DOOR POSITION SWITCH
☐	REQUEST TO EXIT SENSOR
☐	ELECTRIC STRIKE w/ DOOR POSITION SENSOR
☐	MAGNETIC LOCK
☐	DOOR STRIKE
☐	DOOR CONTACT
☐	DURESS CALL PANIC BUTTON

ELECTRICAL SYMBOLS LEGEND	
RECEPTACLES	
 20A, 120V, 2P, 3W GROUNDING DUPLEX RECEPTACLE	 20A, 120V, 2P, 3W GROUNDING DUPLEX RECEPTACLE, CEILING MOUNTED
 TAMPER RESISTANT DUPLEX RECEPTACLE	 QUADPLEX RECEPTACLE
 DUPLEX RECEPTACLE 6" ABOVE COUNTER OR AT HEIGHT SHOWN	 RECEPTACLE, SPECIAL PURPOSE A = 120V, 20A, 1P, 2P, 3P, NEMA 5-20R B = 208Y, 200A, 1P, 2P, 3P, NEMA 6-20R C = 120V, 300A, 1P, 2P, 3P, NEMA 5-30R D = 208Y, 300A, 1P, 2P, 3P, NEMA 6-30R E = 208Y, 300A, 1P, 2P, 3P, 4W, NEMA 14-60R F = 208Y, 500A, 3P, 3P, 4W, NEMA 15-50R G = 208Y, 500A, 3P, 3P, 4W, NEMA 15-50R H = 208Y, 600A, 3P, 3P, 4W, NEMA 15-60R
 GFCI DUPLEX RECEPTACLE OR AT HEIGHT SHOWN	 DUPLEX RECEPTACLE 6" ABOVE COUNTER OR AT HEIGHT SHOWN
 ELECTRICAL CONNECTION	
POWER	
 PANEL BOARD  PUSH BUTTON STATION AS NOTED  GROUND BAR  CONTACTOR	
PROVIDE SEPARATE NEUTRALS FOR ALL 277V & 120V CIRCUITS	

[illegible]

CONSULTANTS:

MEP CONSULTANTS


engineers | consultants | commissioning

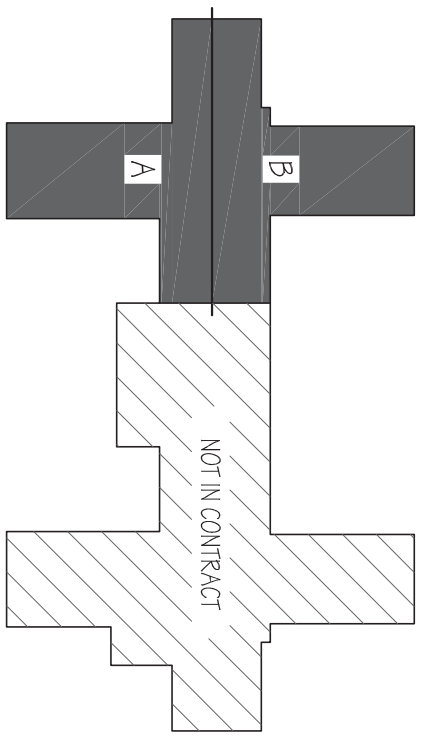
MEP Associates, LLC | 2755 Alcor Court | San Jose, CA 95131
 Phone: 415.433.0100 | Fax: 415.433.0101 | www.mepconsultants.com
 MEPTF PROJECTS: PAK-2, PAK-3, T-3, T-10

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	<p>NORTHERN DESIGN WORKS</p> <p>420 RAIL STREET NEAUNUE, WISCONSIN 53151 PHONE: 906-906-4771 FAX: 906-906-4772 NDW PROJECTS</p>

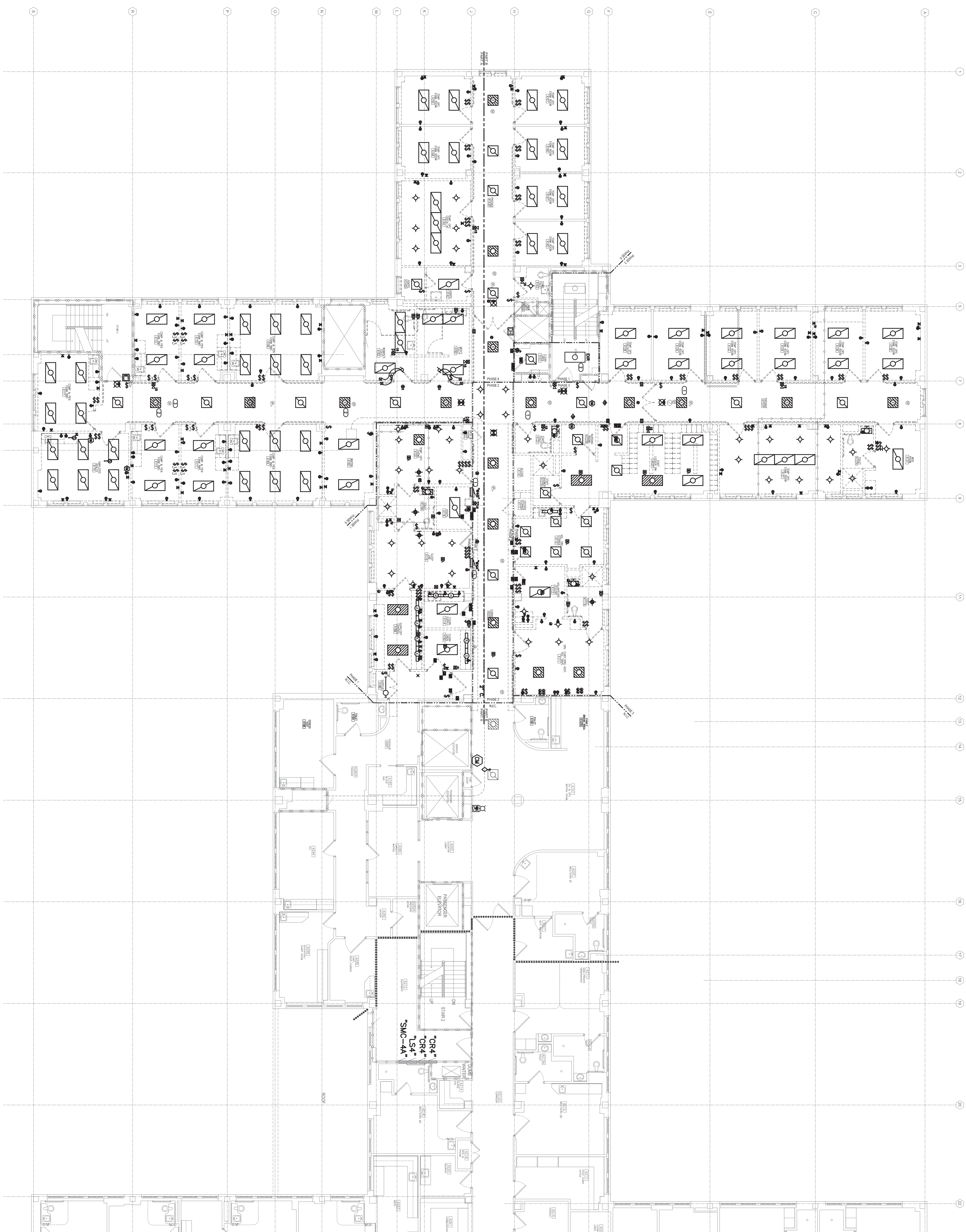
DRAWING TITLE ELECTRICAL SCHEDULES	PROJECT I 49866 475-6616 DRAWING NUMBER: 1214
Approved Project Director	

AND NOTES	Project Title	
	Removate Four West	
	Location	
	IRON MOUNTAIN	
	Date	Graced
	07/22/2014	ASR

Project Number 585-12-132	Office of Constructor and Facilities Management
Building Number 1	
Drawing Number E002	
 Department of Veterans Affairs	
State of Michigan Drawn LA Date 86 of 100	



KEY PLAN - FOURTH FLOOR



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KEY PLAN - FOURTH FLOOR

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Department of
Veterans Affairs

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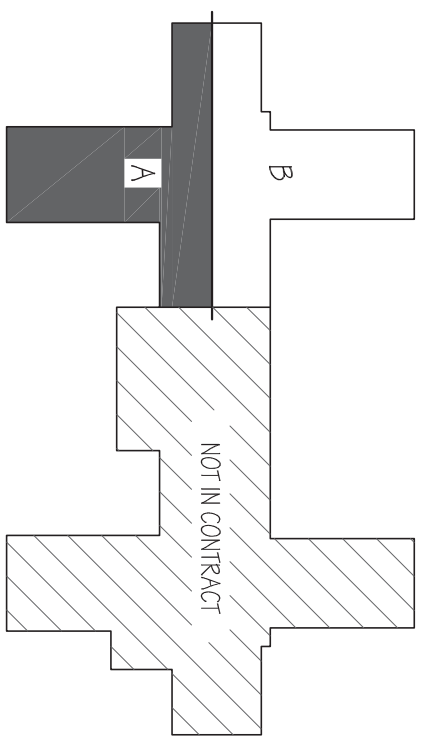


KEYED NOTES

1. CONTRACTOR SHALL PROTECT, SALVAGE & PALLETIZE REMOVED LIGHTING FIXTURES. CONTRACTOR TO CONSULT WITH THE OWNER TO DETERMINE IF THEY WANT TO RETAIN FIXTURES.
2. TYPICAL OF EMERGENCY FIXTURES: SALVAGE EXISTING LIFE SAFETY CIRCUIT TO BE RE-USED.
3. TYPICAL OF SPEAKERS AND FIRE ALARM SPEAKERS: SALVAGE, PROTECT & SAVE TO BE REINSTALLED.

GENERAL NOTES

1. CONTRACTOR SHALL PROTECT, SALVAGE & PALLETIZE REMOVED LIGHTING FIXTURES. CONTRACTOR TO CONSULT WITH THE OWNER TO DETERMINE IF THEY WANT TO RETAIN FIXTURES.



KEY PLAN - FOURTH FLOOR

NORTH

NORTH

NOT TO SCALE

CONSULTANTS:



engineers | consultants | commissioning
MEP Associates, LLC | 2225 Lake Court | Lake Charles, Louisiana
Phone: 337-533-1100 | Fax: 337-533-1101
MEP PROJECT NO.: 1214-132

Revisions:
01/22/2014
Date

PARTIAL FOURTH FLOOR - ELECTRICAL DEMOLITION PLAN - PART A

1
1/4" = 1'-0"

ARCHITECT/ENGINEERS:



**NORTHERN
DESIGN
WORKS**

420 RAIL STREET
NECAUNEE, MI 49866
PHONE: 906-475-6616
FAX: 906-475-6954
NDW PROJECT NUMBER: 1214

Drawing Title
ELECTRICAL DEMOLITION PLAN
4TH FLOOR PART A

Approved Project Director

Project Title
Remodel Four West

Location
IRON MOUNTAIN, MICHIGAN

Date
01/22/2014

Drawn
LA

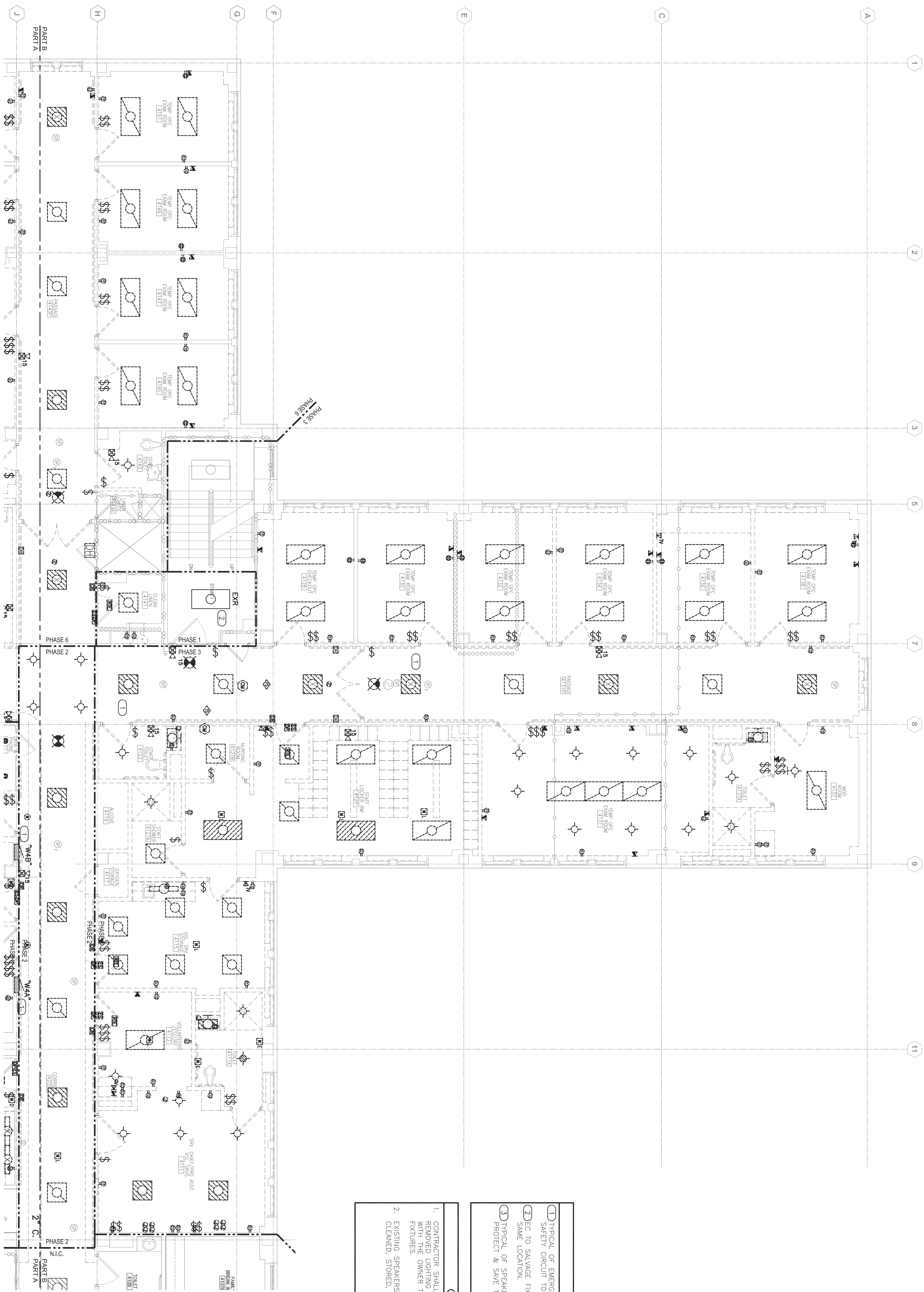
Project Number
585-12-132

Building Number
1

Dwg. 87 of 100

ED101

Office of
Construction
and Facilities
Management
Department of
Veterans Affairs



1 PARTIAL FOURTH FLOOR - ELECTRICAL DEMOLITION PLAN - PART B

CONSULTANTS:



engineers | consultants | commissioning

MEP Associates, LLC | 2720 Arbor Court | Eau Claire, WI 54701
 Phone: 715.832.2680 | Fax: 715.832.2668 | www.mepassociates.com

100% CONSULTION DOCUMENTS - REVISED	01/22/2017
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ARCHITECT/ENGINEERS:

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WORKS**

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FAX: 906-475-6954
NDW PROJECT NUMBER: 1214

Drawing Title
ELECTRICAL DEMOLITION PLAN
4TH FLOOR PART B

Project Title	Renovate Four West
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Approved: Project Director

Location
IRON MOUNTAIN, MICHIGAN

Date	Ch
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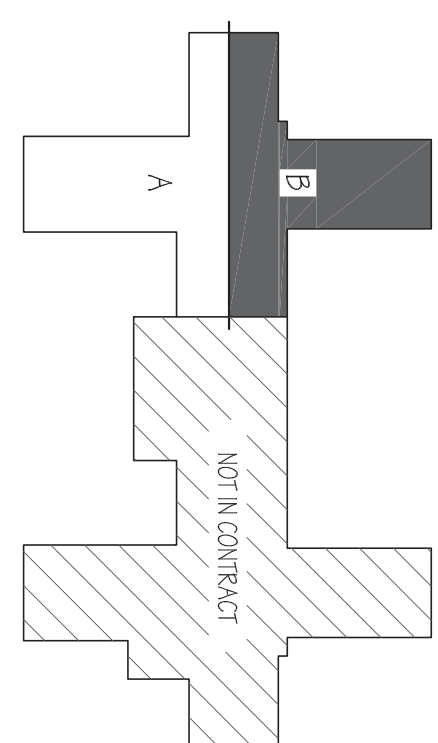
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Drawn

ED102

**Office of
Construction
and Facilities
Management**

KEY PLAN - FOURTH FLOOR

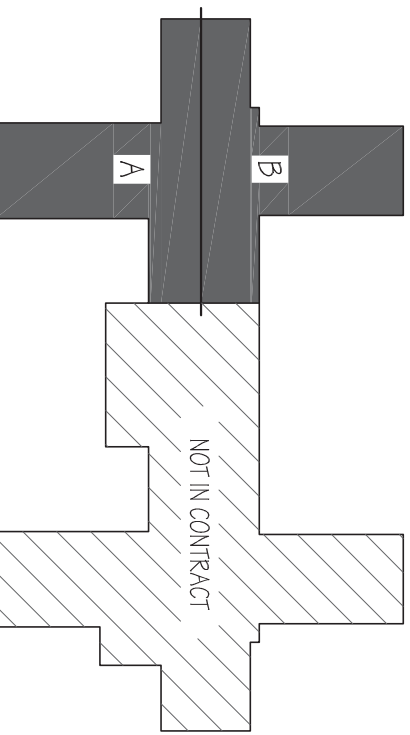
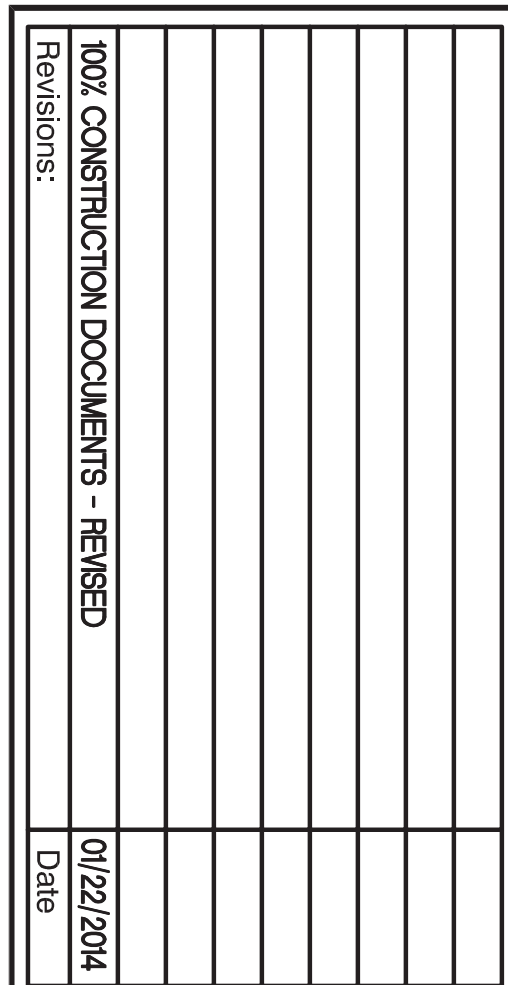


KEYED NOTES

- 1 TYPICAL OF EMERGENCY FIXTURES: SALVAGE EXISTING LIFE SAFETY CIRCUIT TO BE RE-USED.
- 2 EC TO SALVAGE FIXTURE AND CIRCUIT TO BE RE-USED AT SAME LOCATION.
- 3 TYPICAL OF SPEAKERS AND FIRE ALARM SPEAKERS: SALVAGE PROTECT & SAVE TO BE RE-INSTALLED.

GENERAL NOTES

1. CONTRACTOR SHALL PROTECT, SALVAGE & PATENTIZE REMOVED LIGHTING FIXTURES, CONTRACTOR TO CONSULT WITH THE OWNER TO DETERMINE IF THEY WANT TO RETAIN FIXTURES.
2. EXISTING SPEAKERS TO BE SALVAGED DURING DEMOLITION CLEANED, STORED, AND REINSTALLED.



KEY PLAN - FOURTH FLOOR



engineers | consultants | commissioning
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NDW PROJECT NUMBER: 1214

Approved: Project Director

Location
IRON MOUNTAIN, MICHIGAN

Building Number	1
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EL100
Dwg. 89 of 100

Department of
Veterans Affairs

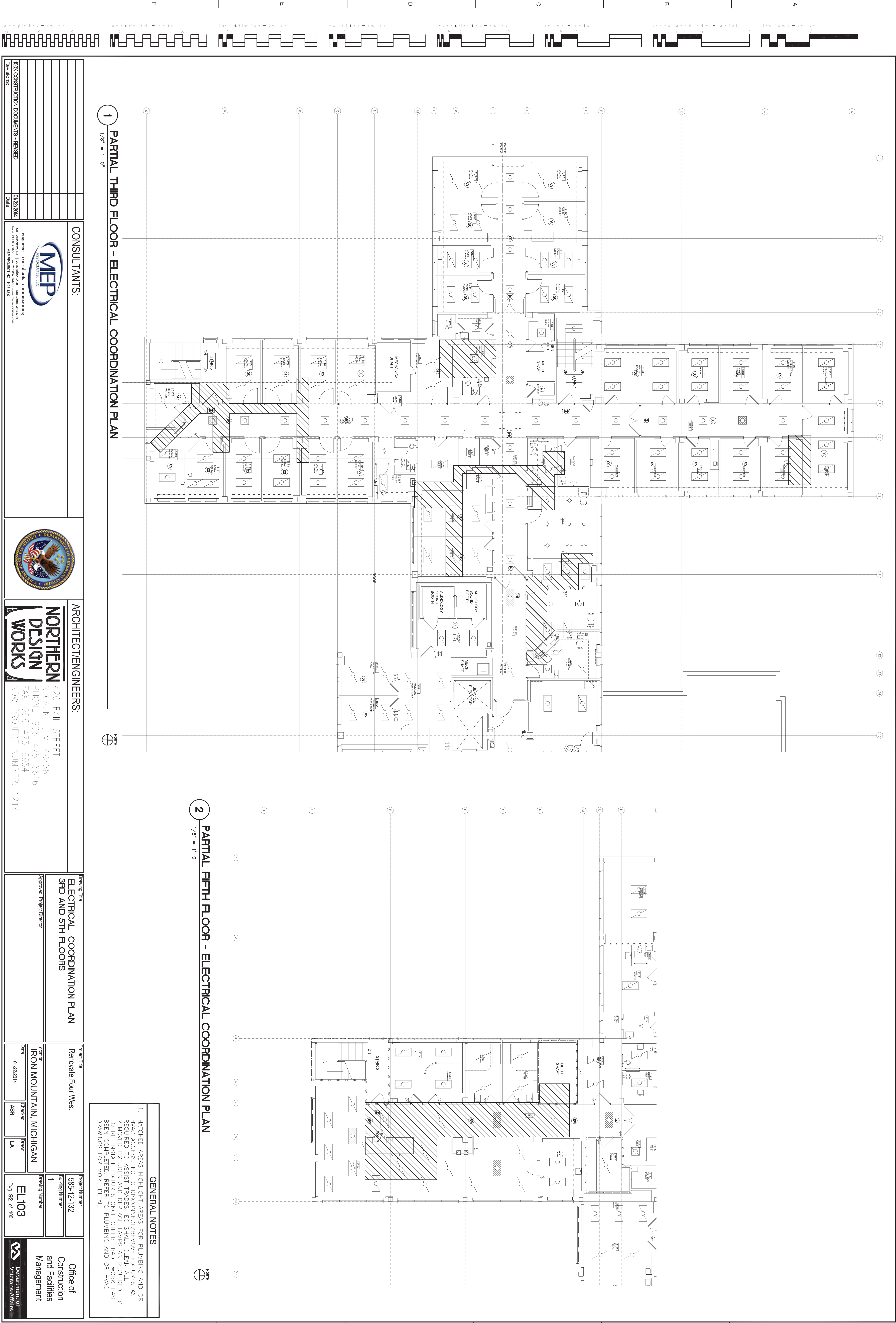
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Management

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1 PARTIAL THIRD FLOOR - ELECTRICAL COORDINATION PLAN



2 PARTIAL FIFTH FLOOR - ELECTRICAL COORDINATION PLAN



GENERAL NOTES

1. HATCHED AREAS HIGHLIGHT AREAS FOR PLUMBING AND/OR HVAC ACCESS. EC TO DISCONNECT/REMOVE FIXTURES AS REQUIRED TO ASSIST TRADES. EC SHALL CLEAN ALL REMOVED FIXTURES AND REPLACE LAMPS AS REQUIRED. EC TO RE-INSTALL FIXTURES ONCE OTHER TRADE WORK HAS BEEN COMPLETED. REFER TO PLUMBING AND/OR HVAC DRAWINGS FOR MORE DETAIL.

CONSULTANTS:



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ARCHITECT/ENGINEERS:



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NDW PROJECT NUMBER: 1214

Drawing Title
**ELECTRICAL COORDINATION PLAN
3RD AND 5TH FLOORS**

Project Title
Renovate Four West

Project Number
585-12-132

Approved Project Director

Location
IRON MOUNTAIN, MICHIGAN

Date
01/22/2014

ASR

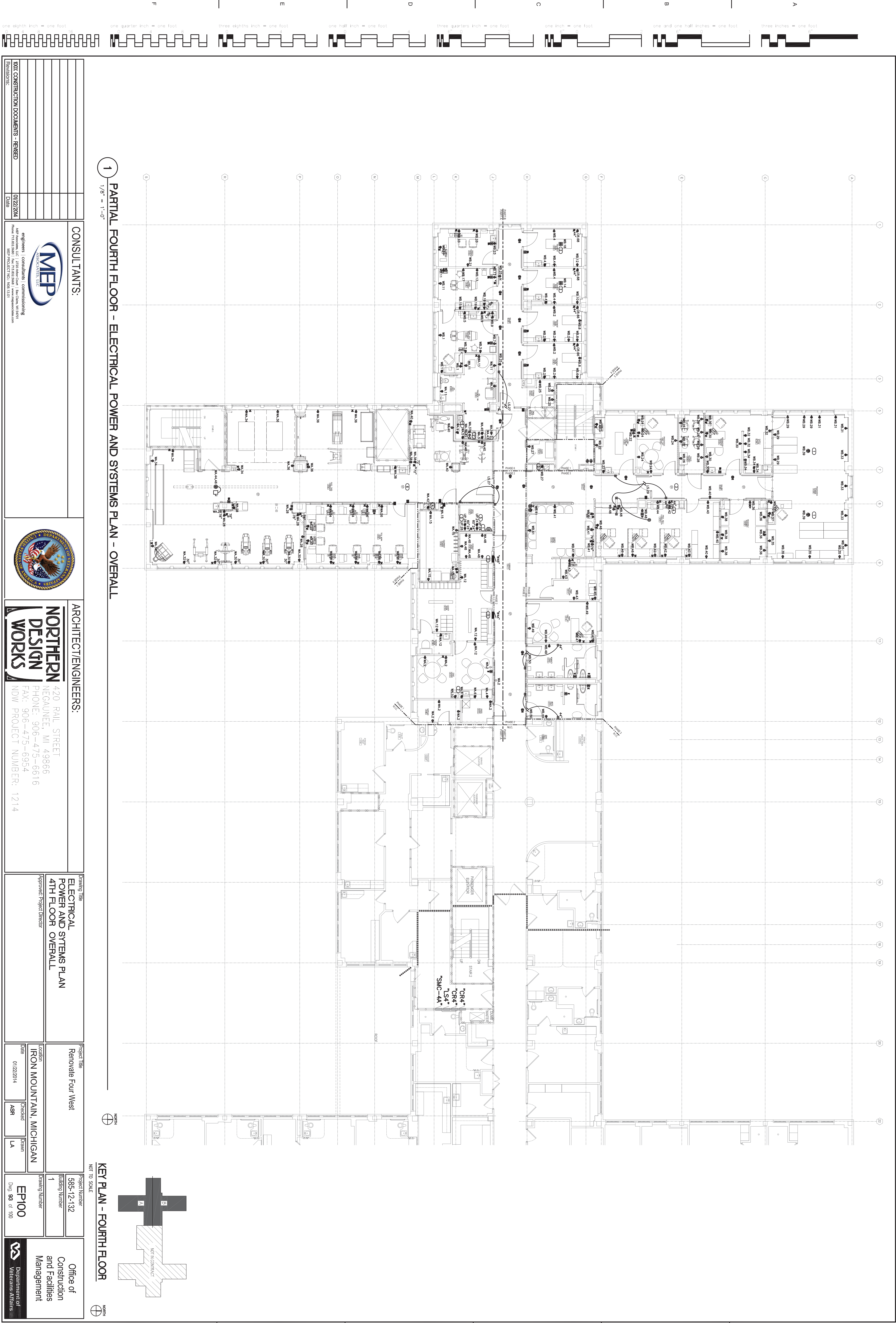
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Drawing Number
EL103

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1 PARTIAL FOURTH FLOOR - ELECTRICAL POWER AND SYSTEMS PLAN - OVERALL

KEY PLAN - FOURTH FLOOR

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MEP PROJECT NO.: W001310



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NDW PROJECT NUMBER: 1214

ARCHITECT/ENGINEERS:

Drawing Title
**ELECTRICAL
POWER AND SYSTEMS PLAN
4TH FLOOR OVERALL**

Approved Project Director

Project Title
Remodel Four West

Location
IRON MOUNTAIN, MICHIGAN

Date
01/22/2014

ASR

LA

Project Number
585-12-132

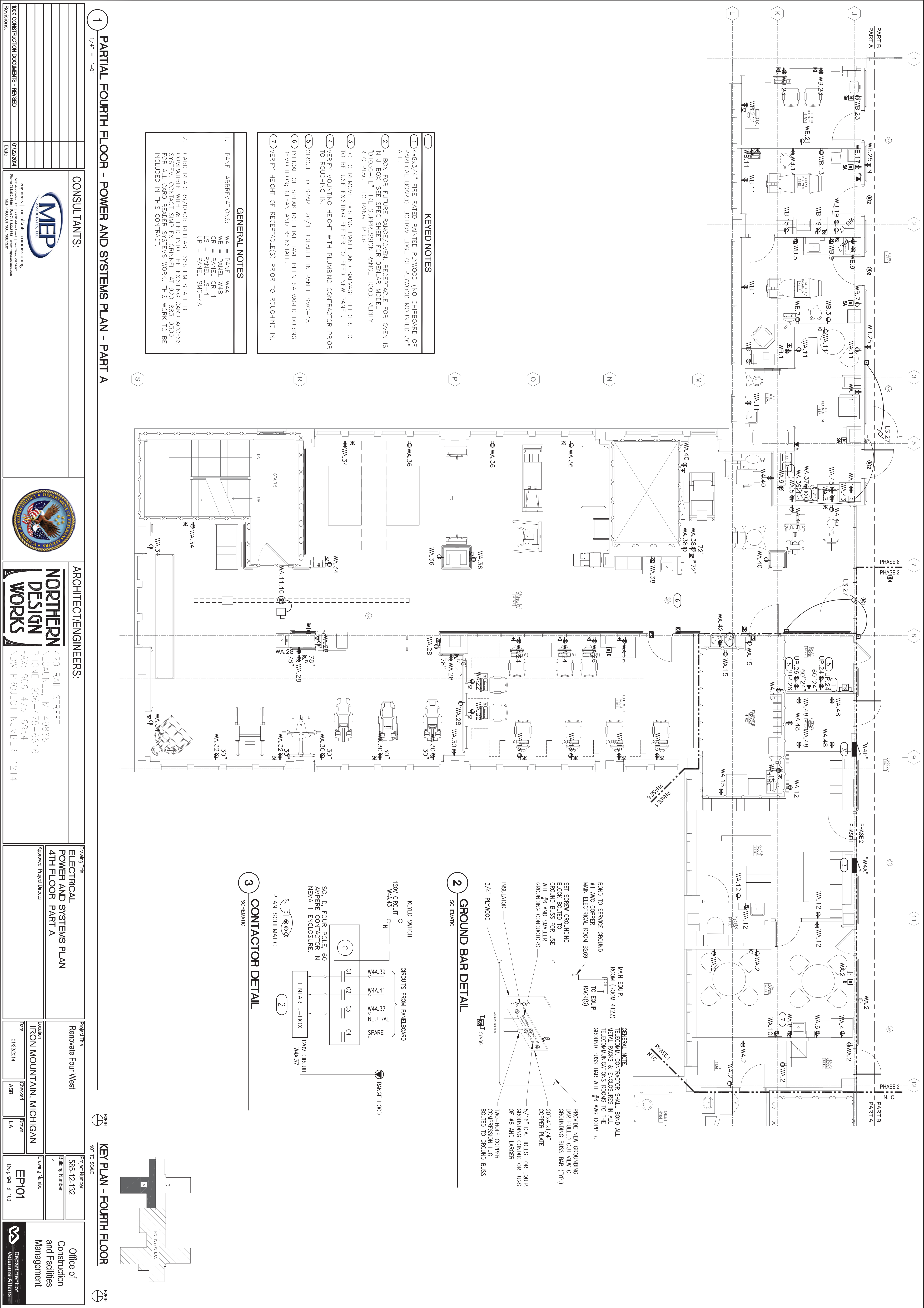
Building Number
1

Drawing Number
EP100

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1 PARTIAL FOURTH FLOOR - POWER AND SYSTEMS PLAN - PART A

1/4" = 1'-0"

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M&P PROJECT NO.: WMA-1310

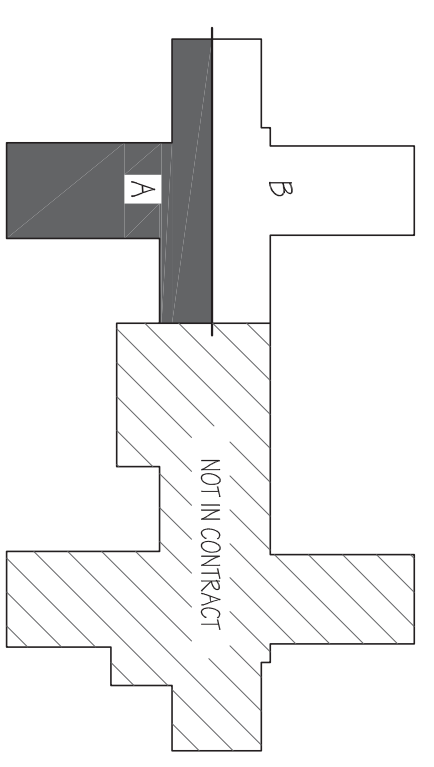


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PHONE: 906-475-6616
FAX: 906-475-6954
NDW PROJECT NUMBER: 1214

KEY PLAN - FOURTH FLOOR

NOT TO SCALE



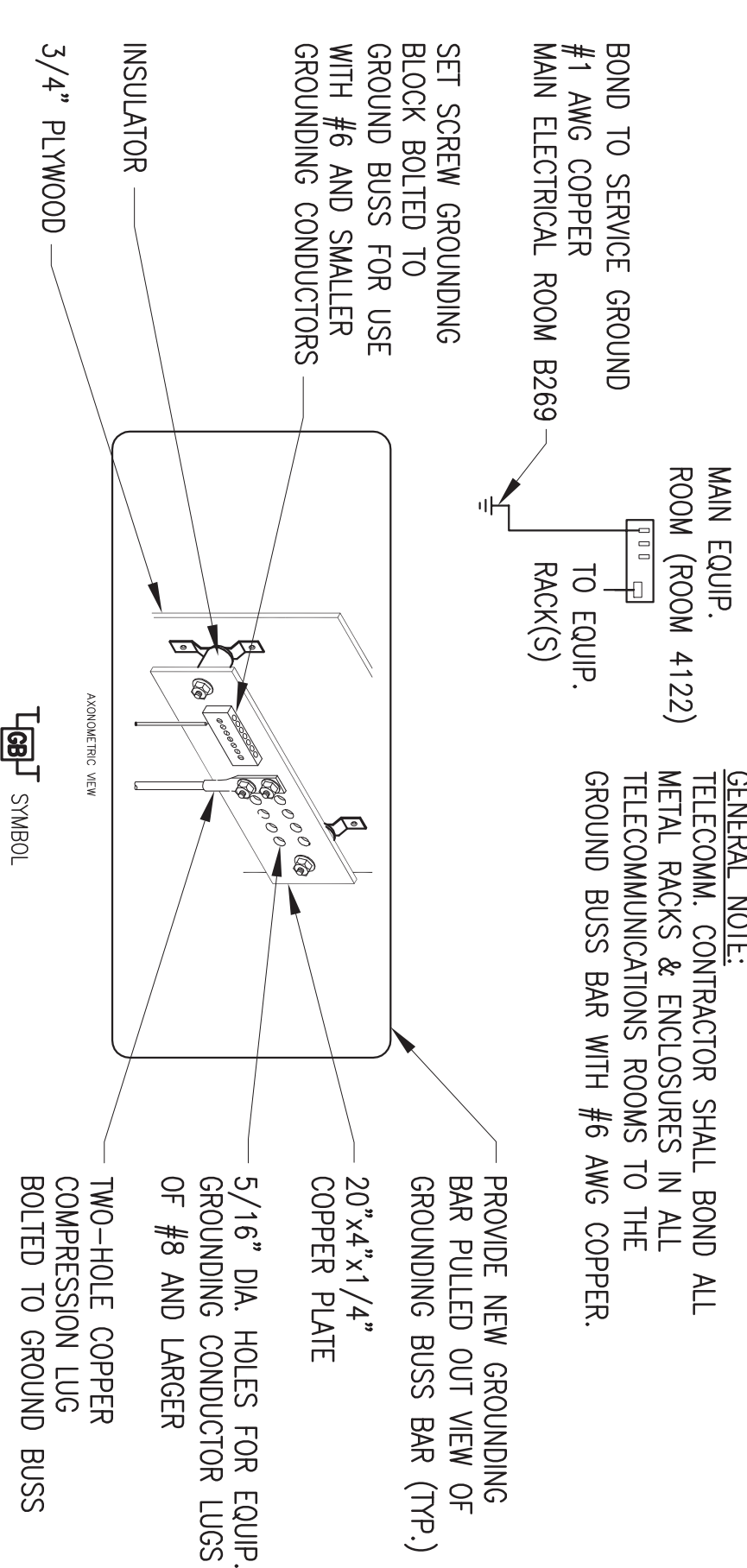
KEYED NOTES

- 1 4x8x3/4" FIRE RATED PAINTED PLYWOOD (NO CHIPBOARD OR PARTICAL BOARD). BOTTOM EDGE OF PLYWOOD MOUNTED 36" AFF.
- 2 J-BOX FOR FUTURE RANGE/OVEN. RECEPTACLE FOR OVEN IS IN J-BOX. SEE SPEC SHEET FOR DENLAR MODEL D1036-FE FIRE SUPPRESSION RANGE HOOD. VERIFY RECEPTACLE TO RANGE PLUG.
- 3 EC TO REMOVE EXISTING PANEL AND SALVAGE FEEDER. EC TO RE-USE EXISTING FEEDER TO FEED NEW PANEL.
- 4 VERIFY MOUNTING HEIGHT WITH PLUMBING CONTRACTOR PRIOR TO ROUGHING IN.
- 5 CIRCUIT TO SPARE 20/1 BREAKER IN PANEL SMC-4A.
- 6 TYPICAL OF SPEAKERS THAT HAVE BEEN SALVAGED DURING DEMOLITION; CLEAN AND REINSTALL.
- 7 VERIFY HEIGHT OF RECEPTACLE(S) PRIOR TO ROUGHING IN.

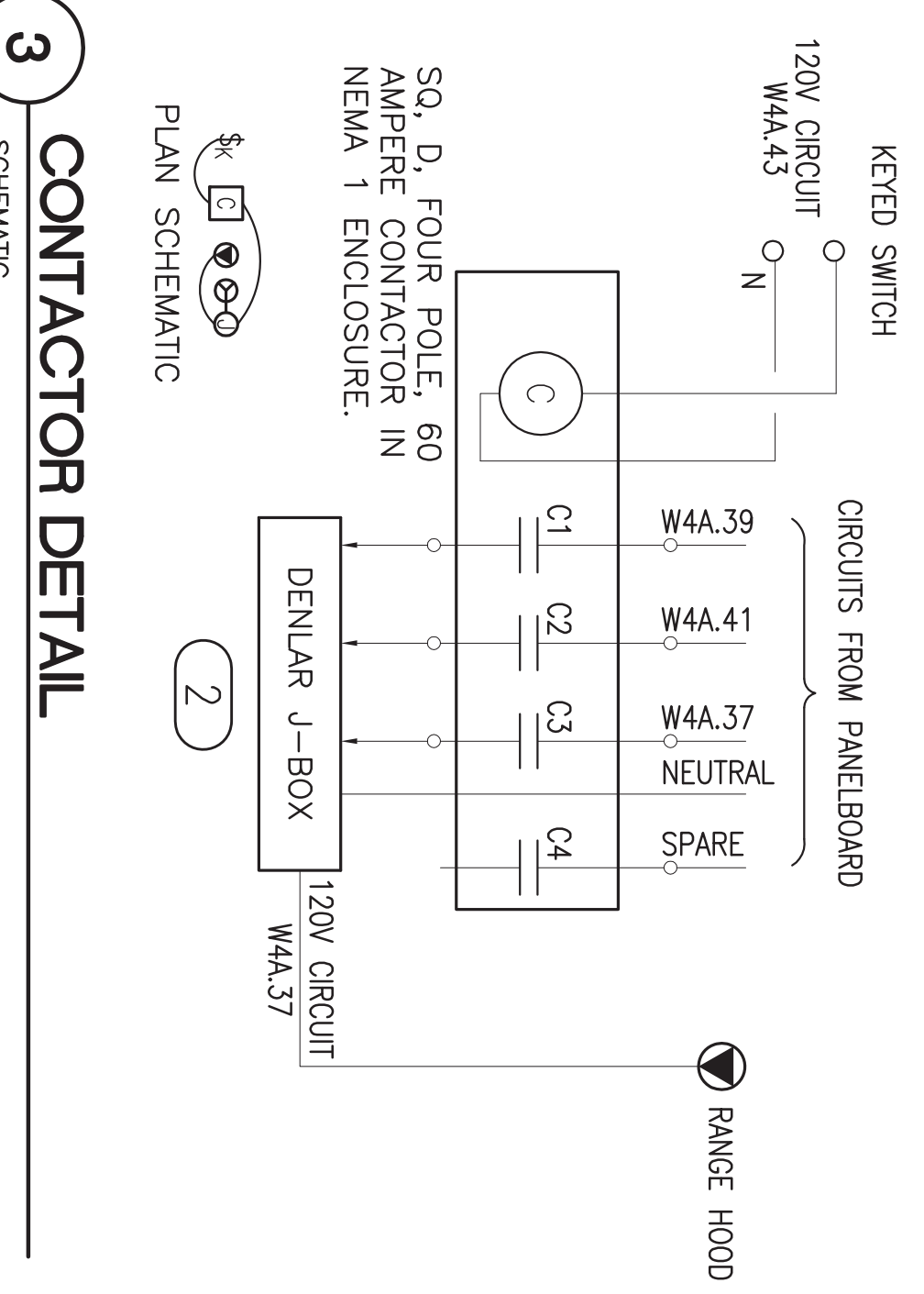
GENERAL NOTES

- 1. PANEL ABBREVIATIONS: WA = PANEL W4A, WB = PANEL W4B, CR = PANEL CR-4, LS = PANEL LS-4, UP = PANEL SMC-4A
- 2. CARD READERS/DOOR RELEASE SYSTEM SHALL BE COMPATIBLE WITH & TIED INTO THE EXISTING CARD ACCESS SYSTEM. CONTACT SIMPLEX-GRINNELL AT 920-883-9309 FOR ALL CARD READER SYSTEMS WORK. THIS WORK TO BE INCLUDED IN THIS CONTRACT.

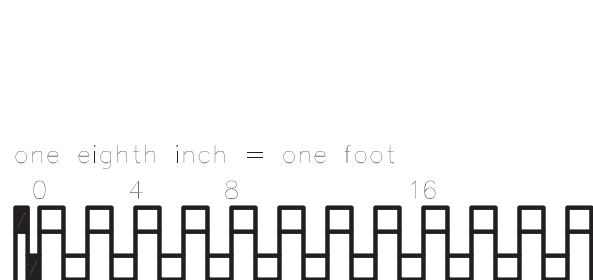
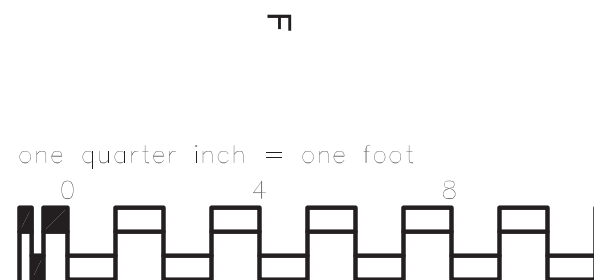
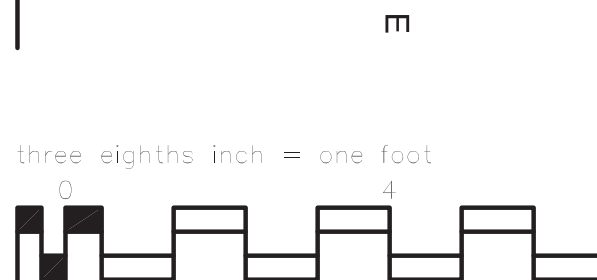
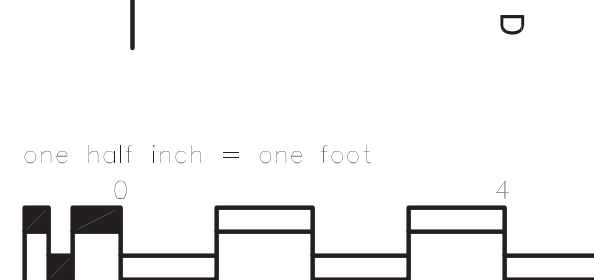
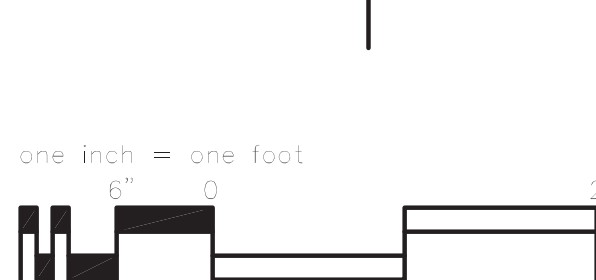
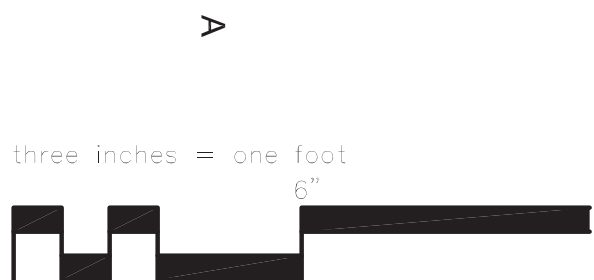
2 GROUND BAR DETAIL



3 CONTACTOR DETAIL



Drawing Title: ELECTRICAL POWER AND SYSTEMS PLAN 4TH FLOOR PART A
Project Title: Renovate Four West
Location: IRON MOUNTAIN, MICHIGAN
Project Number: 585-12-132
Building Number: 1
Drawing Number: EP101
Date: 01/22/2014
Drawn: LA
Checked: ASR
Div: 94 of 100
Office of Construction and Facilities Management
Department of Veterans Affairs



EXISTING Panel: W4A Corridor 4198C									
UPDATED December 28th, 2007									
PANEL:	W4A	PANEL TYPE:	Square D						
Voltage: 120/208	Phase: 3	AMPS: 225	WIRE: 4	POLE: 42					
Circuit#	DESCRIPTION	CB	POLE						
1	Light 4198C-4198C-4198C-4198C	20A	1P	2					
3	Light 4198C-4198C-4198C-4198C	20A	1P	4					
5	Light 4198C-4198C-4198C-4198C	20A	1P	6					
7	Light 4198C-4198C-4198C-4198C	20A	1P	8					
9	Light 4198C-4198C-4198C-4198C	20A	1P	10					
11	Light 4198C-4198C-4198C-4198C	20A	1P	12					
13	Light 4198C-4198C-4198C-4198C	20A	1P	14					
15	Light 4198C-4198C-4198C-4198C	20A	1P	16					
17	Light 4198C-4198C-4198C-4198C	20A	1P	18					
19	Light 4198C-4198C-4198C-4198C	20A	1P	20					
21	Light 4198C-4198C-4198C-4198C	20A	1P	22					
23	Light 4198C-4198C-4198C-4198C	20A	1P	24					
25	Light 4198C-4198C-4198C-4198C	20A	1P	26					
27	Light 4198C-4198C-4198C-4198C	20A	1P	28					
29	Light 4198C-4198C-4198C-4198C	20A	1P	30					
31	Light 4198C-4198C-4198C-4198C	20A	1P	32					
33	Light 4198C-4198C-4198C-4198C	20A	1P	34					
35	Light 4198C-4198C-4198C-4198C	20A	1P	36					
37	Light 4198C-4198C-4198C-4198C	20A	1P	38					
39	Light 4198C-4198C-4198C-4198C	20A	1P	40					
41	Light 4198C-4198C-4198C-4198C	20A	1P	42					

EXISTING Panel: W4B Corridor 4198C									
UPDATED December 28th, 2007									
PANEL:	W4B	PANEL TYPE:	Square D						
Voltage: 120/208	Phase: 3	AMPS: 225	WIRE: 4	POLE: 42					
Circuit#	DESCRIPTION	CB	POLE						
1	Light 4198C-4198C-4198C-4198C	20A	1P	2					
3	Light 4198C-4198C-4198C-4198C	20A	1P	4					
5	Light 4198C-4198C-4198C-4198C	20A	1P	6					
7	Light 4198C-4198C-4198C-4198C	20A	1P	8					
9	Light 4198C-4198C-4198C-4198C	20A	1P	10					
11	Light 4198C-4198C-4198C-4198C	20A	1P	12					
13	Light 4198C-4198C-4198C-4198C	20A	1P	14					
15	Light 4198C-4198C-4198C-4198C	20A	1P	16					
17	Light 4198C-4198C-4198C-4198C	20A	1P	18					
19	Light 4198C-4198C-4198C-4198C	20A	1P	20					
21	Light 4198C-4198C-4198C-4198C	20A	1P	22					
23	Light 4198C-4198C-4198C-4198C	20A	1P	24					
25	Light 4198C-4198C-4198C-4198C	20A	1P	26					
27	Light 4198C-4198C-4198C-4198C	20A	1P	28					
29	Light 4198C-4198C-4198C-4198C	20A	1P	30					
31	Light 4198C-4198C-4198C-4198C	20A	1P	32					
33	Light 4198C-4198C-4198C-4198C	20A	1P	34					
35	Light 4198C-4198C-4198C-4198C	20A	1P	36					
37	Light 4198C-4198C-4198C-4198C	20A	1P	38					
39	Light 4198C-4198C-4198C-4198C	20A	1P	40					
41	Light 4198C-4198C-4198C-4198C	20A	1P	42					

1 REMOVED PANELS

NEW PANEL W4A									
UPDATED December 28th, 2007									
PANEL:	W4A	PANEL TYPE:	Square D						
Voltage: 120/208	Phase: 3	AMPS: 225	WIRE: 4	POLE: 42					
Circuit#	DESCRIPTION	CB	POLE						
1	Light 4198C-4198C-4198C-4198C	20A	1P	2					
3	Light 4198C-4198C-4198C-4198C	20A	1P	4					
5	Light 4198C-4198C-4198C-4198C	20A	1P	6					
7	Light 4198C-4198C-4198C-4198C	20A	1P	8					
9	Light 4198C-4198C-4198C-4198C	20A	1P	10					
11	Light 4198C-4198C-4198C-4198C	20A	1P	12					
13	Light 4198C-4198C-4198C-4198C	20A	1P	14					
15	Light 4198C-4198C-4198C-4198C	20A	1P	16					
17	Light 4198C-4198C-4198C-4198C	20A	1P	18					
19	Light 4198C-4198C-4198C-4198C	20A	1P	20					
21	Light 4198C-4198C-4198C-4198C	20A	1P	22					
23	Light 4198C-4198C-4198C-4198C	20A	1P	24					
25	Light 4198C-4198C-4198C-4198C	20A	1P	26					
27	Light 4198C-4198C-4198C-4198C	20A	1P	28					
29	Light 4198C-4198C-4198C-4198C	20A	1P	30					
31	Light 4198C-4198C-4198C-4198C	20A	1P	32					
33	Light 4198C-4198C-4198C-4198C	20A	1P	34					
35	Light 4198C-4198C-4198C-4198C	20A	1P	36					
37	Light 4198C-4198C-4198C-4198C	20A	1P	38					
39	Light 4198C-4198C-4198C-4198C	20A	1P	40					
41	Light 4198C-4198C-4198C-4198C	20A	1P	42					

2 NEW PANELS

NEW PANEL W4B									
UPDATED December 28th, 2007									
PANEL:	W4B	PANEL TYPE:	Square D						
Voltage: 120/208	Phase: 3	AMPS: 225	WIRE: 4	POLE: 42					
Circuit#	DESCRIPTION	CB	POLE						
1	Light 4198C-4198C-4198C-4198C	20A	1P	2					
3	Light 4198C-4198C-4198C-4198C	20A	1P	4					
5	Light 4198C-4198C-4198C-4198C	20A	1P	6					
7	Light 4198C-4198C-4198C-4198C	20A	1P	8					
9	Light 4198C-4198C-4198C-4198C	20A	1P	10					
11	Light 4198C-4198C-4198C-4198C	20A	1P	12					
13	Light 4198C-4198C-4198C-4198C	20A	1P	14					
15	Light 4198C-4198C-4198C-4198C	20A	1P	16					
17	Light 4198C-4198C-4198C-4198C	20A	1P	18					
19	Light 4198C-4198C-4198C-4198C	20A	1P	20					
21	Light 4198C-4198C-4198C-4198C	20A	1P	22					
23	Light 4198C-4198C-4198C-4198C	20A	1P	24					
25	Light 4198C-4198C-4198C-4198C	20A	1P	26					
27	Light 4198C-4198C-4198C-4198C	20A	1P	28					
29	Light 4198C-4198C-4198C-4198C	20A	1P	30					
31	Light 4198C-4198C-4198C-4198C	20A	1P	32					
33	Light 4198C-4198C-4198C-4198C	20A	1P	34					
35	Light 4198C-4198C-4198C-4198C	20A	1P	36					
37	Light 4198C-4198C-4198C-4198C	20A	1P	38					
39	Light 4198C-4198C-4198C-4198C	20A	1P	40					
41	Light 4198C-4198C-4198C-4198C	20A	1P	42					

KEYED NOTES

- 1 TO REMOVE EXISTING PANEL AND SALVAGE FEEDER. TO RE-USE EXISTING FEEDER TO FEED NEW PANEL.
- 2 THERE ARE CIRCUITS IN THE PANEL BEING REMOVED THAT SERVE AREAS OUTSIDE OF THE CONSTRUCTION AREA. CONTRACTOR SHALL PROVIDE TEMPORARY PANEL TO MAINTAIN THOSE CIRCUITS IN OPERATION THROUGHOUT THE PROJECT.

Revisions:	Date
01/22/2014	

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NDW PROJECT NUMBER: 1214

Drawing Title	Project Title
ELECTRICAL PANEL BOARDS	Remonte Four West
4TH FLOOR	

Approved Project Director	Location	Building Number
	IRON MOUNTAIN, MICHIGAN	1
Date	Drawn	Dwg. Number
01/22/2014	LA	EY01
ASR		96 of 100

Office of Construction and Facilities Management

Existing Panel CR-4 Left Room 4212				
UPDATED December 28th, 2007				
PANEL: Fine CR-4 Left PANEL TYPE: Square D	3 LAMPS:	125A WIRE:	4 POLE:	84
Voltage: 120/208 Phase: 3 LAMPS: 125A WIRE: 4 POLE: 84	DESCRIPTION	CB	POLE	CT#
1	Light 3165 3165 3170 3171A 3176 3178A	20A	1P	4
3	Light 3165 3165 3170 3171A 3176 3178A	20A	1P	2
5	Light 3165 3172 3178	20A	1P	6
7	Neon Signon Light	20A	1P	8
9	Receptacle 4120	20A	1P	10
11	Receptacle 4116	20A	1P	12
13	Receptacle 4182 Receptacle 4188	20A	1P	14
15	Receptacle Under sink 4223 Receptacle 4271A	20A	1P	16
17	Receptacle 4283	20A	1P	18
19	Medicine Refrigerator 4283	20A	1P	20
21	Receptacle 4277	20A	1P	22
23	Hilton bed Receptacle 4277	20A	1P	24
25	Hilton bed Receptacle 4277	20A	1P	26
27	Receptacle 4287	20A	1P	28
29	Receptacle 4275	20A	1P	30
31	Receptacle 3118 4283 Medicine Master Alarm 4259A	20A	1P	32
33	Unknown	20A	1P	34
35	Hilton bed Receptacle 4285	20A	1P	36
37	Hilton bed Receptacle 4285	20A	1P	38
39	Receptacle 4261	20A	1P	40
41	Receptacle 4264	20A	1P	42

Existing Panel CR-4 Right Room 4212				
UPDATED December 28th, 2007				
PANEL: Fine CR-4 Right PANEL TYPE: Square D	3 LAMPS:	125A WIRE:	4 POLE:	84
Voltage: 120/208 Phase: 3 LAMPS: 125A WIRE: 4 POLE: 84	DESCRIPTION	CB	POLE	CT#
43	Hilton bed Receptacle 4266	20A	1P	44
45	Hilton bed Receptacle 4266	20A	1P	46
47	Hilton bed Receptacle 4269	20A	1P	48
49	Hilton bed Receptacle 4269	20A	1P	50
51	Hilton bed Receptacle 4261	20A	1P	52
53	Hilton bed Receptacle 4251	20A	1P	54
55	4263 Hilton Receptacle	20A	1P	56
57	4263 Hilton Receptacle	20A	1P	58
59	Hilton bed Receptacle 4230	20A	1P	60
61	Hilton bed Receptacle 4230	20A	1P	62
63	4234 Hilton Receptacle	20A	1P	64
65	4234 Hilton Receptacle	20A	1P	66
67	4238 Hilton Receptacle	20A	1P	68
69	4238 Hilton Receptacle	20A	1P	70
71	4237 Hilton Receptacle	20A	1P	72
73	Receptacle 4237 Hilton Receptacle 4237	20A	1P	74
75	Hilton Receptacle 4233	20A	1P	76
77	Hilton Receptacle 4233	20A	1P	78
79	Receptacle 4207	20A	1P	80
81	Hilton Receptacle 4205	20A	1P	82
83	Hilton Receptacle 4205	20A	1P	84

Existing Panel CR-4 Right Room 4212				
UPDATED December 28th, 2007				
PANEL: Fine CR-4 Right PANEL TYPE: Square D	3 LAMPS:	125A WIRE:	4 POLE:	84
Voltage: 120/208 Phase: 3 LAMPS: 125A WIRE: 4 POLE: 84	DESCRIPTION	CB	POLE	CT#
43	Hilton bed Receptacle 4266	20A	1P	44
45	Hilton bed Receptacle 4266	20A	1P	46
47	Hilton bed Receptacle 4269	20A	1P	48
49	Hilton bed Receptacle 4269	20A	1P	50
51	Hilton bed Receptacle 4261	20A	1P	52
53	Hilton bed Receptacle 4251	20A	1P	54
55	4263 Hilton Receptacle	20A	1P	56
57	4263 Hilton Receptacle	20A	1P	58
59	Hilton bed Receptacle 4230	20A	1P	60
61	Hilton bed Receptacle 4230	20A	1P	62
63	4234 Hilton Receptacle	20A	1P	64
65	4234 Hilton Receptacle	20A	1P	66
67	4238 Hilton Receptacle	20A	1P	68
69	4238 Hilton Receptacle	20A	1P	70
71	4237 Hilton Receptacle	20A	1P	72
73	Receptacle 4237 Hilton Receptacle 4237	20A	1P	74
75	Hilton Receptacle 4233	20A	1P	76
77	Hilton Receptacle 4233	20A	1P	78
79	Receptacle 4207	20A	1P	80
81	Hilton Receptacle 4205	20A	1P	82
83	Hilton Receptacle 4205	20A	1P	84

Existing Panel EQ-4 Room 2180				
UPDATED May 4, 2009				
PANEL: CR3	PANEL TYPE: Square D	3 LAMPS:	200 WIRE:	4 POLE: 42
Voltage: 120/208 Phase: 3 LAMPS: 200 WIRE: 4 POLE: 42	DESCRIPTION	CB	POLE	CT#
1	AH-1 (20) (b)	20A	1P	2
3	AH-1 (20) (b)	20A	1P	4
5	AH-1 (20) (b)	20A	1P	6
7	AH-1 (20) (b)	20A	1P	8
9	CH-9 (10) (b)	20A	1P	10
11	CH-9 (10) (b)	20A	1P	12
13	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	14
15	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	16
17	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	18
19	15A-3PH, Spare Breaker	20A	1P	20
21	15A-3PH, Spare Breaker	20A	1P	22
23	15A-3PH, Spare Breaker	20A	1P	24
25	AH-1 (20) (b)	20A	1P	26
27	AH-1 (20) (b)	20A	1P	28
29	AH-1 (20) (b)	20A	1P	30
31	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	32
33	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	34
35	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	36
37	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	38
39	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	40
41	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	42

one and one half inches = one foot

1 EXISTING PANELS

REVISED CR-4 Left Room 4212				
UPDATED December 28th, 2007				
PANEL: Fine CR-4 Left PANEL TYPE: Square D	3 LAMPS:	125A WIRE:	4 POLE:	84
Voltage: 120/208 Phase: 3 LAMPS: 125A WIRE: 4 POLE: 84	DESCRIPTION	CB	POLE	CT#
1	Light 3165 3165 3170 3171A 3176 3178A	20A	1P	4
3	Light 3165 3165 3170 3171A 3176 3178A	20A	1P	2
5	Light 3165 3172 3178	20A	1P	6
7	Neon Signon Light	20A	1P	8
9	Receptacle 4120	20A	1P	10
11	Receptacle 4182 Receptacle 4188	20A	1P	12
13	Receptacle Under sink 4223 Receptacle 4271A	20A	1P	14
15	Receptacle 4283	20A	1P	16
17	Medicine Refrigerator 4283	20A	1P	18
19	Receptacle 4277	20A	1P	20
21	Hilton bed Receptacle 4277	20A	1P	22
23	Hilton bed Receptacle 4277	20A	1P	24
25	Hilton bed Receptacle 4277	20A	1P	26
27	Receptacle 4287	20A	1P	28
29	Receptacle 4275	20A	1P	30
31	Receptacle 3118 4283 Medicine Master Alarm 4259A	20A	1P	32
33	Unknown	20A	1P	34
35	Hilton bed Receptacle 4285	20A	1P	36
37	Hilton bed Receptacle 4285	20A	1P	38
39	Receptacle 4261	20A	1P	40
41	Receptacle 4264	20A	1P	42

REVISED CR-4 Right Room 4212				
UPDATED December 28th, 2007				
PANEL: Fine CR-4 Right PANEL TYPE: Square D	3 LAMPS:	125A WIRE:	4 POLE:	84
Voltage: 120/208 Phase: 3 LAMPS: 125A WIRE: 4 POLE: 84	DESCRIPTION	CB	POLE	CT#
43	Hilton bed Receptacle 4266	20A	1P	44
45	Hilton bed Receptacle 4266	20A	1P	46
47	Hilton bed Receptacle 4269	20A	1P	48
49	Hilton bed Receptacle 4269	20A	1P	50
51	Hilton bed Receptacle 4261	20A	1P	52
53	Hilton bed Receptacle 4251	20A	1P	54
55	4263 Hilton Receptacle	20A	1P	56
57	4263 Hilton Receptacle	20A	1P	58
59	Hilton bed Receptacle 4230	20A	1P	60
61	Hilton bed Receptacle 4230	20A	1P	62
63	4234 Hilton Receptacle	20A	1P	64
65	4234 Hilton Receptacle	20A	1P	66
67	4238 Hilton Receptacle	20A	1P	68
69	4238 Hilton Receptacle	20A	1P	70
71	4237 Hilton Receptacle	20A	1P	72
73	Receptacle 4237 Hilton Receptacle 4237	20A	1P	74
75	Hilton Receptacle 4233	20A	1P	76
77	Hilton Receptacle 4233	20A	1P	78
79	Receptacle 4207	20A	1P	80
81	Hilton Receptacle 4205	20A	1P	82
83	Hilton Receptacle 4205	20A	1P	84

REVISED Panel LS-4 Room 4212				
UPDATED December 28th, 2007				
PANEL: LS-4 PANEL TYPE: Square D	3 LAMPS:	100 WIRE:	4 POLE:	42
Voltage: 120/208 Phase: 3 LAMPS: 100 WIRE: 4 POLE: 42	DESCRIPTION	CB	POLE	CT#
1	Smoke Damper SW	20A	1P	2
3	Smoke Damper SW	20A	1P	4
5	Smoke Damper SW	20A	1P	6
7	Smoke Damper SW	20A	1P	8
9	Smoke Damper SW	20A	1P	10
11	Smoke Damper SW	20A	1P	12
13	Smoke Damper SW	20A	1P	14
15	Smoke Damper SW	20A	1P	16
17	Smoke Damper SW	20A	1P	18
19	Smoke Damper SW	20A	1P	20
21	Smoke Damper SW	20A	1P	22
23	Smoke Damper SW	20A	1P	24
25	Smoke Damper SW	20A	1P	26
27	Smoke Damper SW	20A	1P	28
29	Smoke Damper SW	20A	1P	30
31	Smoke Damper SW	20A	1P	32
33	Smoke Damper SW	20A	1P	34
35	Smoke Damper SW	20A	1P	36
37	Smoke Damper SW	20A	1P	38
39	Smoke Damper SW	20A	1P	40
41	Smoke Damper SW	20A	1P	42

REVISED Panel EQ-4 Room 2180				
UPDATED May 4, 2009				
PANEL: CR3	PANEL TYPE: Square D	3 LAMPS:	200 WIRE:	4 POLE: 42
Voltage: 120/208 Phase: 3 LAMPS: 200 WIRE: 4 POLE: 42	DESCRIPTION	CB	POLE	CT#
1	AH-1 (20) (b)	20A	1P	2
3	AH-1 (20) (b)	20A	1P	4
5	AH-1 (20) (b)	20A	1P	6
7	AH-1 (20) (b)	20A	1P	8
9	CH-9 (10) (b)	20A	1P	10
11	CH-9 (10) (b)	20A	1P	12
13	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	14
15	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	16
17	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	18
19	15A-3PH, Spare Breaker	20A	1P	20
21	15A-3PH, Spare Breaker	20A	1P	22
23	15A-3PH, Spare Breaker	20A	1P	24
25	AH-1 (20) (b)	20A	1P	26
27	AH-1 (20) (b)	20A	1P	28
29	AH-1 (20) (b)	20A	1P	30
31	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	32
33	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	34
35	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	36
37	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	38
39	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	40
41	EF-45 EF-46 EF-47 (2-18) (b) 8 1-12 (b)	20A	1P	42

2 REVISED PANELS

BOX CONSTRUCTION DOCUMENTS - REVISED	
Revisions:	Date
	01/22/2014

CONSULTANTS:	
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MEP ASSOCIATES, LLC 2225 Main Street Suite 200 Warren, MI 48090	MEP PROJECT NO.: 1004.13.0

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420 RAIL STREET	NORTHERN DESIGN WORKS
NECAUNEE, MI 49866	PHONE: 906-475-6616
FAX: 906-475-6954	NDW PROJECT NUMBER: 1214



ARCHITECT/ENGINEERS:	
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Revisions:	Date
100% CONSTRUCTION DOCUMENTS - REISED	01/22/2014

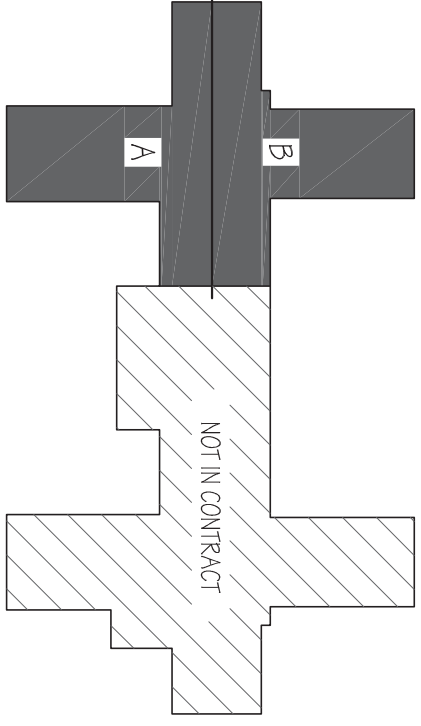
CONSULTANTS:

MEP ASSOCIATES, LLC
engineers | consultants | commissioning
MEP Associates, LLC | 2225 Kalam Street | East China, WI 53120
Phone: 715-433-1100 | Fax: 715-433-1101
MEP PROJECT NO.: 12061331

ARCHITECT/ENGINEERS:

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Drawing Title	Project Title	Project Number	Office of Construction and Facilities Management Department of Veterans Affairs
ELECTRICAL FIRE ALARM PLAN 4TH FLOOR OVERALL	Renovate Four West	585-12-132	
Approved Project Director	Location	Building Number	
	IRON MOUNTAIN, MICHIGAN	1	
Date	Drawn	Dwg. No.	
01/22/2014	LA	98 of 100	



KEY PLAN - FOURTH FLOOR

1 PARTIAL FOURTH FLOOR - ELECTRICAL FIRE ALARM PLAN - OVERALL

1/8" = 1'-0"

