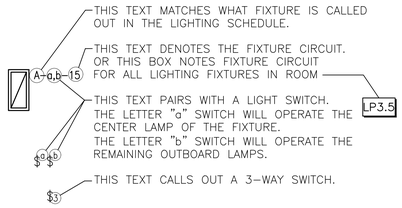
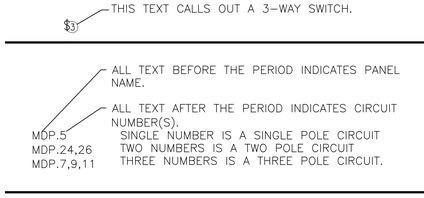
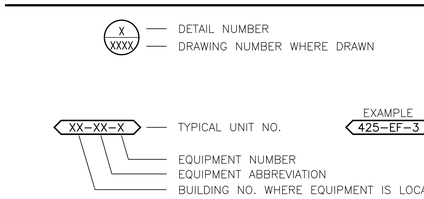
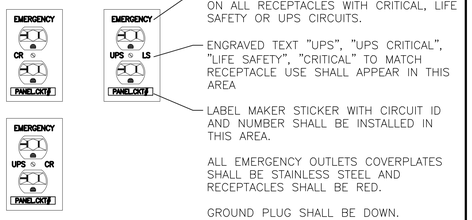
CIRCUITING / SWITCHING









ELECTRICAL ABBREVIATIONS

AC	ABOVE COUNTERTOP	MG	MED GAS PANEL
AFF	ABOVE FINISH FLOOR	MTD	MOUNTED
AFG	ABOVE FINISH GRADE	OCC	OCCUPANCY
ANNC	ANNUNICIATOR	PC	PLUMBING CONTRACTOR
CC	CONTROLS CONTRACTOR	PE	PHOTOELECTRIC CELL
DPST	DOUBLE POLE SINGLE THROW	PNL	PANEL
EC	ELECTRICAL CONTRACTOR	SPST	SINGLE POLE SINGLE THROW
EM	EMERGENCY	TC	TIME CLOCK
EX	EXISTING	TPC	TIME CLOCK – PHOTOCELL
EXR	EXISTING RELOCATED	TR	TAMPER RESISTANT
GC	GENERAL CONTRACTOR	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
GFI	GROUND FAULT INTERRUPT	UNO	UNLESS NOTED OTHERWISE
IBC	INTERNATIONAL BUILDING CODE	VFD	VARIABLE FREQUENCY DRIVE
IG	ISOLATED GROUND	WP	WEATHER PROOF
HP	HORSEPOWER	20A	20 AMP
LV	LOW VOLTAGE	ø	PHASE
LMS	LUMENS	3W	3 WIRE
MC	MECHANICAL CONTRACTOR	20/1	20 AMP SINGLE PHASE
MCA	MINIMUM CIRCUIT AMPS		
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 INTENDED TO GIVE APPROXIMATE LOCATIONS AND OVERALL DESIGN INTENT. 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 SPECIFICATION.
7. 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.
8. CONTRACTOR SHALL PROVIDE ROUGH-IN, ALL WIRING & JACKS FOR COMMUNICATIONS DEVICES, INCLUDING 4" SQUARE, 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.
9. PROTECT TELEMETRY AND OTHER LOW VOLTAGE CABLE FROM DEMOLITION OPERATIONS. DO NOT DISRUPT WITHOUT WRITTEN OWNER APPROVAL UPON 5 DAY MINIMUM NOTICE.
12. ALL RECEPTACLES SHALL HAVE I.D. TAG ON COVERPLATE STATING THE PANEL AND CIRCUIT NUMBER THAT FEEDS THAT RECEPTACLE.
13. ALL CRITICAL CIRCUITED RECEPTACLES ARE TO HAVE RED OUTLETS AND STAINLESS STEEL COVERPLATES.
14. ALL LIFE SAFETY RECEPTACLES ARE TO HAVE RED OUTLETS AND STAINLESS STEEL COVERPLATES.
15. TEMPORARY HEAT DETECTORS TO BE INSTALLED AND FUNCTIONING IN CONSTRUCTION AREA(S) WHILE SMOKE DETECTORS HAVE BEEN REMOVED OR DISABLED. TIE HEAT DETECTORS INTO EXISTING FIRE ALARM SYSTEM.
16. DEMOLITION OF A DEVICE GENERALLY REQUIRES DISCONNECTION OF THE DEVICE FROM THE ELECTRICAL PANEL FEEDING SAID DEVICE. CONTRACTOR SHALL REMOVE CONDUCTORS, STARTERS, DISCONNECTS, CONDUIT, HANGERS, J-BOXES AND ALL ELECTRICAL MATERIAL THAT IS REQUIRED FOR THAT DEVICE TO FUNCTION.

ELECTRICAL SYMBOLS LEGEND

COMMUNICATIONS

- TELEPHONE
- TELEPHONE/DATA
- WALL MOUNTED TELEPHONE (1) CAT5e CABLE
- DATA/VOICE RECEPTACLE
- DATA/VOICE RECEPTACLE 6" ABOVE COUNTER OR AT HEIGHT SHOWN
- 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
- SPEAKER VOLUME CONTROL
- CLOCK – SYNC'ED w/CLOCK SYSTEM
- CLOCK – DIGITAL, SYNC'ED w/CLOCK SYSTEM
- COMM. J-BOX – CEILING MOUNTED
- WIRELESS ACCESS POINT

NURSE CALL

- NURSECALL STATION
  2 = DUPLICATE FACILITIES FOR TWO BEDS
  D = DUTY STATION
  E = 6'0" SHOWER; 4'6" TUB; 3'0" TOILET
  P = PSYCH CORRIDOR WITH KEY SWITCH
  M = MASTER STATION
  S = AUDIO VISUAL MALL 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 = STAFF ASSIST, CODE BLUE,
  B = PATIENT BEDSIDE STATION
- NURSECALL STATION
  2 = DOME LIGHT ABOVE DOOR
  D = CORRIDOR DOME LIGHT
  I = AUXILIARY INTERSECTIONAL DOME LIGHT

SECURITY

- CLOSED CIRCUIT CAMERA (CCC)
- CARD READER
- DOOR POSITION SWITCH
- REQUEST TO EXIT SENSOR
- ELECTRIC STRIKE w/DOOR POSITION SENSOR
- MOTION SENSOR
- MAGNETIC LOCK
- WANDERGUARD
- INTERCOM
- DOOR STRIKE
- DOOR CONTACT
- PAM2 RELAY
- DURESS CALL PANIC BUTTON

ELECTRICAL SYMBOLS LEGEND

RECEPTACLES

- 20A, 120V, 2P, 3W GROUNDING DUPLEX RECEPTACLE
- 20A, 120V, 2P, 3W GROUNDING DUPLEX RECEPTACLE, CEILING MOUNTED
- SINGLE-PLEX RECEPTACLE
- QUADPLEX RECEPTACLE
- QUADPLEX RECEPTACLE 6" ABOVE COUNTER OR AT HEIGHT SHOWN
- RECEPTACLE: SPECIAL PURPOSE
  A = 120V, 20A, 1ø, 2P, 3W, NEMA 5-20R
  B = 208V, 20A, 1ø, 2P, 3W, NEMA 6-20R
  C = 120V, 30A, 1ø, 2P, 3W, NEMA 5-30R
  D = 208V, 30A, 1ø, 2P, 3W, NEMA 6-30R
  E = 208V, 60A, 1ø, 3P, 4W, NEMA 14-60R
  F = 208V, 30A, 3ø, 3P, 4W, NEMA 15-30R
  G = 208V, 50A, 3ø, 3P, 4W, NEMA 15-50R
  H = 208V, 60A, 3ø, 3P, 4W, NEMA 15-60R
- GFCI DUPLEX RECEPTACLE
- GFCI DUPLEX RECEPTACLE 6" ABOVE COUNTER OR AT HEIGHT SHOWN
- DUPLEX RECEPTACLE 6" ABOVE COUNTER OR AT HEIGHT SHOWN
- ELECTRICAL CONNECTION

POWER

PROVIDE SEPERATE NEUTRALS FOR ALL 277V & 120V CIRCUITS

- PANEL BOARD
- DISTRIBUTION PANEL BOARD
- SEPARATE CIRCUIT BREAKER
- UTILITY METER
- DISCONNECT
- FUSED DISCONNECT SWITCH
- TRANSFORMER
- INVERTER
- STARTER OR MOTOR CONTROLLER
- COMBINATION MOTOR STARTER/DISCONNECT
- PUSH BUTTON STATION AS NOTED
- J-BOX
- J-BOX – CEILING MOUNTED
- FLOOR BOX
- OVERHEAD BOX
- PULL BOX, SIZE AS NOTED OR AS REQUIRED BY CODE
- GROUND BAR
- VARIABLE FREQUENCY DRIVE / DISCONNECT
- DIRECT ELECTRICAL CONNECTION TO FIRE SMOKE DETECTOR
- MOTOR
- ELECTRICAL CONNECTION & DATA J-BOX CEILING MOUNTED
- ELECTRICAL CONNECTION FOR MED/GAS ALARM
- POWER AND DATA POWER POLE

ELECTRICAL SYMBOLS LEGEND

FIRE ALARM

- MANUAL PULL STATION 46" A.F.F. CENTER
- SPEAKER/STROBE 82" A.F.F. TO CENTER
- SPEAKER, HORN OR SIREN
- SPEAKER/STROBE – CEILING MOUNTED
- STROBE ONLY 82" A.F.F. TO CENTER
- SMOKE DETECTOR
- DETECTOR:
  H = HEAT SMOKE
  PH = PHOTOELECTRIC AND HEAT SMOKE
  P = PHOTOELECTRIC SMOKE
- DUCT DETECTOR
- ALARM, TAMPER SWITCH
- DETECTOR, FLOW SWITCH
- MAGNETIC DOOR HOLD
- ALARM, FIRE, COMMUNICATOR
- FIRE ALARM CONTROL PANEL
  FACC = CENTRAL CONSOLE
  FACP = CONTROL PANEL
  FARP = ELEVATOR RECALL
  FATC = TERMINAL CABINET
  FAAP = ANNUNCIATOR PANEL
  MFACP = MASTER CONTROL PANEL
  LAA = LOCAL ALARM ANNUNCIATOR
- AP = SECURITY PANEL
  JPC = JOCKEY PUMP CONTROLLER
  VFDC = VARIABLE FREQUENCY DRIVE CONTROLLER
  ELV = ELEVATOR
  ELVC = ELEVATOR CONTROLLER
  EMC = ELECTRICAL MONITORING SYSTEM
  FPC = FIRE PUMP CONTROLLER
  RTS = REMOTE TEST SWITCH
  BAS = BUILDING AUTOMATION SYSTEM PANEL
  PAGE = PAGEING SYSTEM
  TELE = TELE DATA PANEL
  MS = MASTER STATION
  DS = DOOR STATION
- CONTROL MODULE

ELECTRICAL SYMBOLS LEGEND

LIGHTING

- TROFFER STYLE FIXTURE, 2x4
- TROFFER SYLE FIXTURE ON EMERGENCY POWER OR BATTERY BACK-UP
- STRIP LIGHT
- SURFACE MTD FIXTURE, 2x4
- 2x2 SURFACE MOUNTED
- TROFFER STYLE FIXTURE, 2x2
- LIGHT FIXTURE – CEILING MOUNTED
- LIGHT FIXTURE – WALL MOUNTED
- LIGHT FIXTURE – CEILING MOUNTED
- LIGHT FIXTURE – WALL MOUNTED
- WALL MTD LINEAR FIXTURE
- UNDERCABINET LIGHT
- EMERGENCY FIXTURE
- PENDANT MOUNTED FIXTURE
- LIGHT, EXTERIOR BUILDING

SWITCHING

- SWITCH:
  BLANK = SINGLE POLE
  D = DIMMER
  LV = LOW VOLTAGE
  LM = LOW VOLTAGE MASTER
  PB = PUSH BUTTON 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
- PHOTOCELL

SYMBOL LINEWEIGHT LEGEND

LIGHT SOLID LINES	= EXISTING DEVICE(S) TO REMAIN
HEAVY, DASHED LINES	= EXISTING DEVICE(S) TO BE REMOVED
HEAVY, SOLID LINES	= NEW DEVICE(S) TO BE INSTALLED

ELECTRICAL SHEET INDEX

E001	ELECTRICAL LEGENDS AND SCHEDULES
E100	ELECTRICAL PLANS

THE DEMOLITION PLANS HAVE BEEN PREPARED TO ASSIST THE CONTRACTOR IN DETERMINING THE SCOPE OF DEMOLITION WORK TO BE INCLUDED IN THIS PROJECT. DUE TO CONDITIONS BEYOND OUR CONTROL (LOCKED ROOMS, STAFF OCCUPIED ROOMS AND OBSTRUCTIONS THAT CANNOT BE MOVED ie CUBICLE WALLS, EQUIPMENT, FURNITURE) THIS DRAWING IS NOT INTENDED TO BE A COMPLETE INDICATION OF ALL DEMOLITION WORK REQUIRED TO COMPLETE THE PROJECT. THE CONTRACTOR SHOULD REVIEW ALL DRAWINGS AND SPECIFICATIONS, INCLUDING DEMOLITION SHOWN FOR OTHER TRADES, AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS, IN ORDER TO DETERMINE THE SCOPE OF DEMOLITION WORK.

100% Construction Documents	07/30/2018
Revisions:	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

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MEP PROJECT NO.: G29.18.01

Drawing Title: ELECTRICAL COVER SHEET

Project Title: RENOVATE MICROBIOLOGY DESIGN

Project Number: 585-17-113

Building Number: 1

Approved Project Director

Location: IRON MOUNTAIN, MICHIGAN

Date: JULY 30, 2018 | Checked: ASR | Drawn: TDM

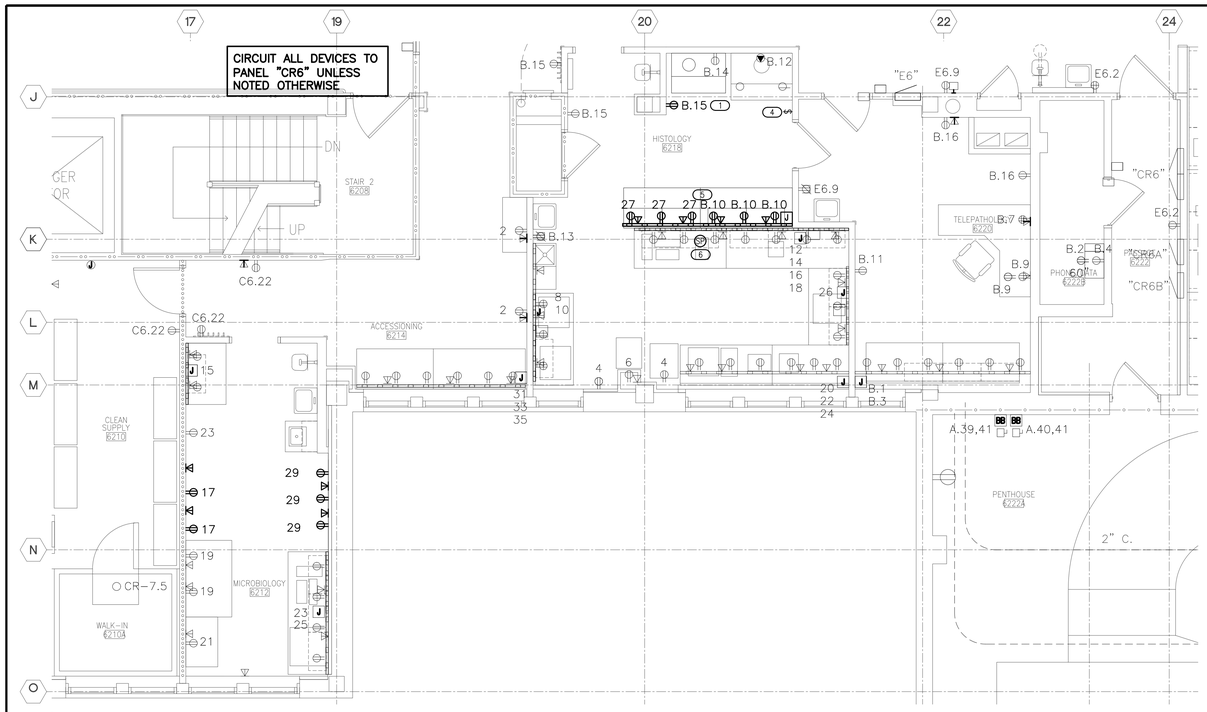
Drawing Number: E001

Dwg. 07 of 08

Office of Construction and Facilities Management

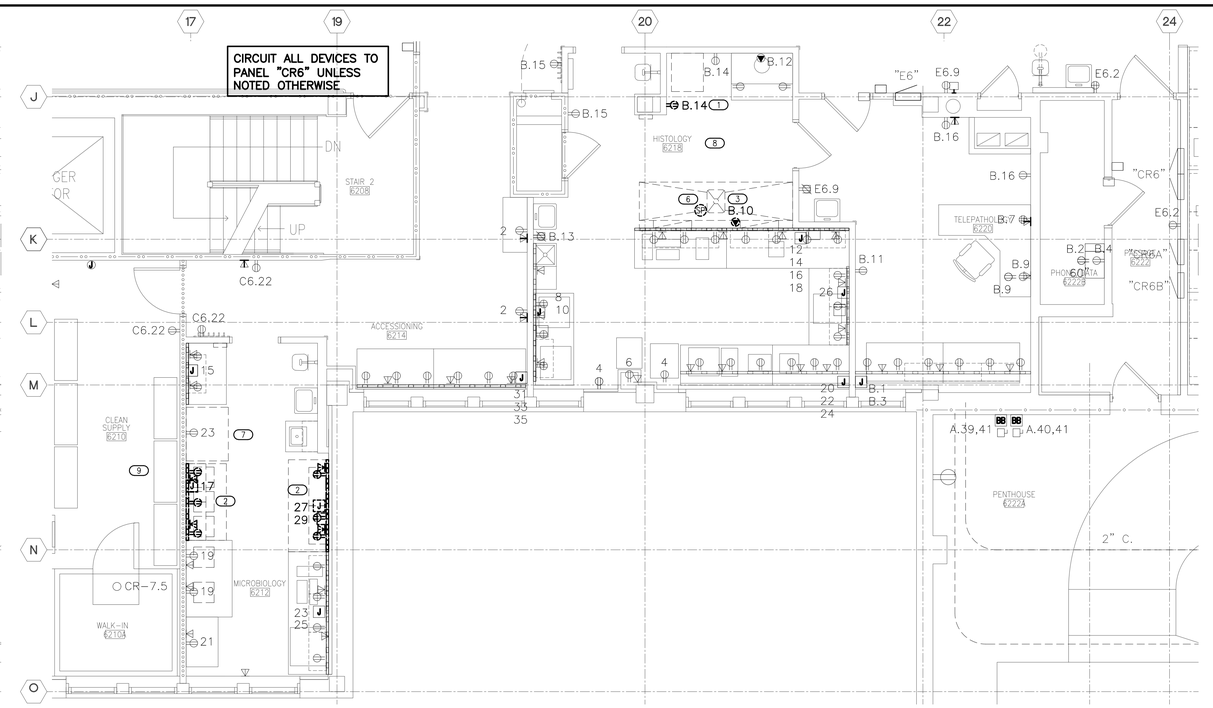
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978



2 ELECTRICAL PLAN

1/4" = 1'-0"



1 ELECTRICAL DEMOLITION PLAN

1/4" = 1'-0"

PANELBOARD: REVISED CR6 — PANEL SOURCE:

BUS AMPACTY	225A	VOLTS	120/208		
BRANCH BRKR POLES	42	PHASE	3	FEED THRU LUGS	
MLO AMPS		WIRES	4	LOAD FED	
MCB A/P		SURFACE			
		RECESSED			
		AIC	26K	LARGEST MOTOR FLA	

LOAD TO BE FED	CCT #	BRKR A/P	LEFT PHASES A	B	C	RIGHT PHASES A	B	C	BRKR A/P	CCT #	LOAD TO BE FED
PNL CR6B	1	100/3							20/1	2	6214 RECEPTS
-	3	-							20/1	4	6218 RECEPTS
-	5	-							20/1	6	6218 RECEPTS
SPARE	7	30/3							20/1	8	6218 RECEPTS
-	9	-							20/1	10	6218 WIREMOLD
-	11	-							20/1	12	6218 WIREMOLD
SPARE	13	20/1							20/1	14	6218 WIREMOLD
6212 WIREMOLD	15	20/1							20/1	16	6218 WIREMOLD
NEW 6212 RECEPT	17	20/1							20/1	18	6218 WIREMOLD
6212 RECEPTS	19	20/1							20/1	20	6218 WIREMOLD
6212 RECEPTS	21	20/1							20/1	22	6218 WIREMOLD
6212 WIREMOLD	23	20/1							20/1	24	6218 WIREMOLD
6212 WIREMOLD	25	20/1							20/1	26	6218 WIREMOLD
NEW 6218 WIREMOLD	27	20/1							20/1	28	SPARE
NEW 6212 RECEPT	29	20/1							20/1	30	SPARE
6212 WIREMOLD	31	20/1							20/1	32	SPARE
6212 WIREMOLD	33	20/1							20/1	34	SPARE
6212 WIREMOLD	35	20/1							20/1	36	SPARE
PNL CR6A	37	100/3							20/1	38	SPARE
-	39	-							20/2	40	SPARE
-	41	-							-	42	-

CONNECTED LIGHTS					NOTES:
CONNECTED RECEPTS					
CONNECTED HVAC BLOWERS					
CONNECTED HVAC A/C					
CONNECTED HVAC HTG					
CONNECTED HVAC					
CONNECTED MISC					
TOTAL PHASES					
TOTAL PANEL					
PANEL MCA					

PANELBOARD: REVISED CR6B — PANEL SOURCE:

BUS AMPACTY	100A	VOLTS	120/208		
BRANCH BRKR POLES	42	PHASE	3	FEED THRU LUGS	
MLO AMPS		WIRES	4	LOAD FED	
MCB A/P		SURFACE			
		RECESSED			
		AIC	26K	LARGEST MOTOR FLA	

LOAD TO BE FED	CCT #	BRKR A/P	LEFT PHASES A	B	C	RIGHT PHASES A	B	C	BRKR A/P	CCT #	LOAD TO BE FED
6220 WIREMOLD	1	20/1							20/1	2	6222A RECEPT
SPARE	3	20/1							20/1	4	6222A RECEPT
6220 SPARE IN CEILING	5	20/1							20/1	6	6122 RECEPT
6220 RECEPT	7	20/1							20/1	8	6122 RECEPT
6220 RECEPT	9	20/1							20/1	10	NEW 6218 WIREMOLD
6220 RECEPT	11	20/1							20/1	12	FUME HOOD
6220 RECEPT	13	20/1							20/1	14	6218 RECEPT
NEW 6218 RECEPT	15	20/1							20/1	16	6220 RECEPT
6219 AIRE TUBE	17	20/1							20/1	18	6218 RECEPT
VISTA FEED	19	50/2							20/1	20	6211 WIREMOLD
	21	-							20/1	22	6211 WIREMOLD
VISTA FEED	23	50/2							20/1	24	6211 WIREMOLD
	25	-								26	
	27									28	
	29									30	
	31									32	
	33									34	
	35									36	
	37									38	
	39									40	
	41									42	

CONNECTED LIGHTS					NOTES:
CONNECTED RECEPTS					
CONNECTED HVAC BLOWERS					
CONNECTED HVAC A/C					
CONNECTED HVAC HTG					
CONNECTED HVAC					
CONNECTED MISC					
TOTAL PHASES					
TOTAL PANEL					
PANEL MCA					

PANELBOARD: EX PNL CR6B — PANEL SOURCE:

BUS AMPACTY	100A	VOLTS	120/208		
BRANCH BRKR POLES	42	PHASE	3	FEED THRU LUGS	
MLO AMPS		WIRES	4	LOAD FED	
MCB A/P		SURFACE			
		RECESSED			
		AIC	26K	LARGEST MOTOR FLA	

LOAD TO BE FED	CCT #	BRKR A/P	LEFT PHASES A	B	C	RIGHT PHASES A	B	C	BRKR A/P	CCT #	LOAD TO BE FED
6220 WIREMOLD	1	20/1							20/1	2	6222A RECEPT
SPARE	3	20/1							20/1	4	6222A RECEPT
6220 SPARE IN CEILING	5	20/1							20/1	6	6122 RECEPT
6220 RECEPT	7	20/1							20/1	8	6122 RECEPT
6220 RECEPT	9	20/1							20/1	10	BACK DRAFT TABLE
6220 RECEPT	11	20/1							20/1	12	FUME HOOD
6220 RECEPT	13	20/1							20/1	14	6218 RECEPT
6220 RECEPT	15	20/1							20/1	16	6220 RECEPT
6219 AIRE TUBE	17	20/1							20/1	18	6218 RECEPT
VISTA FEED	19	50/2							20/1	20	6211 WIREMOLD
	21	-							20/1	22	6211 WIREMOLD
VISTA FEED	23	50/2							20/1	24	6211 WIREMOLD
	25	-								26	
	27									28	
	29									30	
	31									32	
	33									34	
	35									36	
	37									38	
	39									40	
	41									42	

CONNECTED LIGHTS					NOTES:
CONNECTED RECEPTS					
CONNECTED HVAC BLOWERS					
CONNECTED HVAC A/C					
CONNECTED HVAC HTG					
CONNECTED HVAC					
CONNECTED MISC					
TOTAL PHASES					
TOTAL PANEL					
PANEL MCA					

PANELBOARD: EX PNL CR6 — PANEL SOURCE: UTILITY

BUS AMPACTY	225	VOLTS	120/208		
BRANCH BRKR POLES	42	PHASE	3	FEED THRU LUGS	NO
MLO AMPS		WIRES	4	LOAD FED	
MCB A/P		SURFACE			
		RECESSED			
		AIC	26K	LARGEST MOTOR FLA	

LOAD TO BE FED	CCT #	BRKR A/P	LEFT PHASES A	B	C	RIGHT PHASES A	B	C	BRKR A/P	CCT #	LOAD TO BE FED
PNL CR6B	1	100/3							20/1	2	6214 RECEPTS
-	3	-							20/1	4	6218 RECEPTS
-	5	-							20/1	6	6218 RECEPTS
SPARE	7	30/3							20/1	8	6218 RECEPTS
-	9	-							20/1	10	6218 WIREMOLD
-	11	-							20/1	12	6218 WIREMOLD
SPARE	13	20/1							20/1	14	6218 WIREMOLD
6212 WIREMOLD	15	20/1							20/1	16	6218 WIREMOLD
6212 WIREMOLD	17	20/1							20/1	18	6218 WIREMOLD
6212 RECEPTS	19	20/1							20/1	20	6218 WIREMOLD
6212 RECEPTS	21	20/1							20/1	22	6218 WIREMOLD
6212 WIREMOLD	23	20/1							20/1	24	6218 WIREMOLD
6212 WIREMOLD	25	20/1							20/1	26	6218 WIREMOLD
6212 WIREMOLD	27	20/1							20/1	28	SPARE
6212 WIREMOLD	29	20/1							20/1	30	SPARE
6212 WIREMOLD	31	20/1							20/1	32	SPARE
6212 WIREMOLD	33	20/1							20/1	34	SPARE
6212 WIREMOLD	35	20/1							20/1	36	SPARE
PNL CR6A	37	100/3							20/1	38	SPARE
-	39	-							20/2	40	SPARE
-	41	-							-	42	-

CONNECTED LIGHTS					NOTES:
CONNECTED RECEPTS					
CONNECTED HVAC BLOWERS					
CONNECTED HVAC A/C					
CONNECTED HVAC HTG					
CONNECTED HVAC					
CONNECTED MISC					
TOTAL PHASES					
TOTAL PANEL					
PANEL MCA					

4 REVISED PANEL SCHEDULES

3 EXISTING PANEL SCHEDULES

GENERAL NOTES

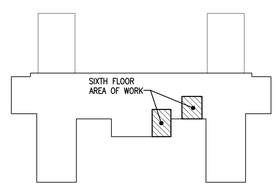
1. EXISTING LIGHTING SHALL REMAIN. LIGHTS SHALL BE REMOVED AND REINSTALLED AS REQUIRED FOR MECHANICAL AND PLUMGING DEMOLITION.
2. EXISTING CIRCUITS TO REMOVED DEVICES SHALL BE SALVAGED. CIRCUITS SHALL BE EXTENDED TO NEW DEVICE LOCATION.
3. PANEL ABBREVIATIONS:
   A = NORMAL PANEL "CR6A"
   B = NORMAL PANEL "CR6B"

KEYED NOTES

1. EXISTING DEVICE SHALL REMAIN. EXISTING DEVICE SHALL BE RECIRCUITED TO B.15.
2. REMOVE EXISTING WIREMOLD. SALVAGE CIRCUIT FOR REUSE.
3. REMOVE CONNECTION TO GROSSING TABLE. REMOVE CONNECTION AT TABLE FOR RECEPTACLE AND GARBAGE DISPOSAL.
4. PROVIDE SWITCH ON WALL AT LOCATION FOR CABINET HOOD. SURFACE MOUNT SWITCH IN WIREMOLD SERIES 700 OR EQUAL. COORDINATE WIRING WITH MC.

KEYED NOTES

1. PROVIDE 11' OF TWO CHANNEL WIREMOLD SERIES 4000 OR EQUAL AT LOCATION. PROVIDE BOTTOM CHANNEL WITH RECEPTACLES SHOWN. TOP CHANNEL SHALL BE DATA DROPS AS SHOWN.
3. EXISTING SPEAKER SHALL RELOCATED 2'. EXTEND WIRING AS REQUIRED.
4. REMOVE CONNECTION TO BIO-SAFETY CABINET.
5. REMOVE CONNECTION AND DISCONNECT SERVING EF-17 ON ROOF. CIRCUIT TO REMAIN.
6. REMOVE CONNECTION AND DISCONNECT SERVING EF-13 ON ROOF. CIRCUIT TO REMAIN.



KEY PLAN

NOT TO SCALE

NORTH

100% Construction Documents	07/30/2018
Revisions:	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

MEP ASSOCIATES, LLC
engineers | consultants | commissioning
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MEP PROJECT NO.: G29.18.01

Drawing Title: ELECTRICAL PLANS

Approved Project Director:

Project Title: RENOVATE MICROBIOLOGY DESIGN

Location: IRON MOUNTAIN, MICHIGAN

Date: JULY 30, 2018 | Checked: ASR | Drawn: TDM

Project Number: 585-17-113

Building Number: 1

Drawing Number: E101

Dwg. 08 of 08

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231, OCT 1978