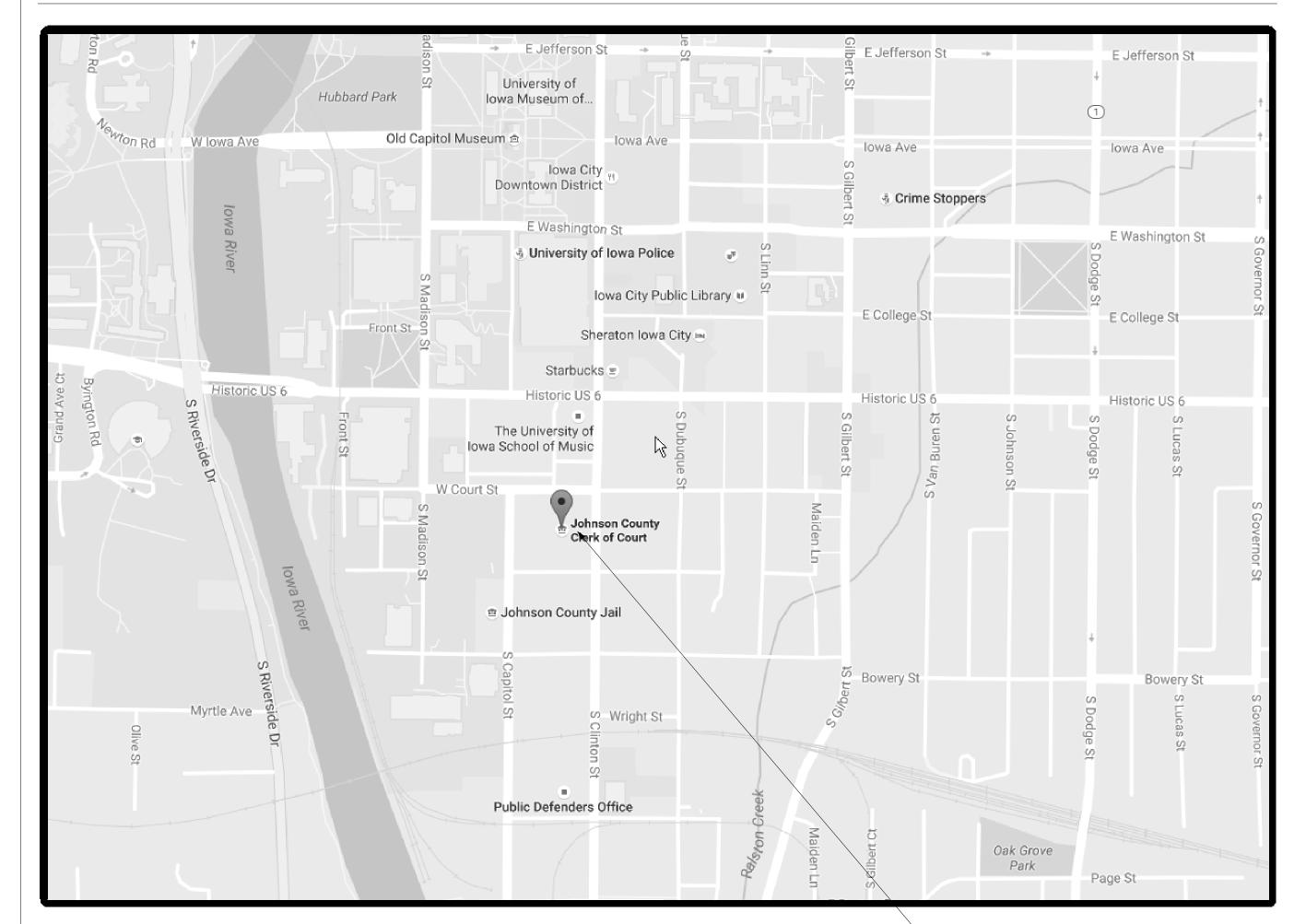
JOHNSON COUNTY COURTHOUSE PROJECT 2 - TEMPORARY COURTROOM

417 S. CLINTON ST., IOWA CITY, IOWA 52240

SITE LOCATION 417 S CLINTON ST IOWA CITY, IA 52240

VICINITY MAPS



INDEX OF DRAWINGS

ARCHITECTURAL DRAWINGS

G-001.2 PROJECT 2 TITLE SHEET AND DRAWING INDEX

ARCHITECTURAL DRAWINGS A-101.2 PROJECT 2 FIRST LEVEL FLOOR PLAN AND RCP A-501.2 PROJECT 2 DETAILS

MECHANICAL DRAWINGS

M-101.2 PROJECT 2 MECHANICAL PLAN ME-001.2 PROJECT 2 COVER SHEET

ELECTRICAL DRAWINGS

ED-101.2 PROJECT 2 ELECTRICAL DEMOLITION PLAN

E-601.2 PROJECT 2 ELECTRICAL SCHEDULES AND DETAILS

E-101.2 PROJECT 2 ELECTRICAL PLAN

CODE INFORMATION

THIS PROJECT INCLUDES RENOVATIONS IN AN EXISTING SPACE WITHIN THE COURTHOUSE TO ACCOMODATE A TEMPORARY COURTROOM

PROJECT 2 INCLUDES THE BUILD-OUT OF THE TEMPORARY COURTROOM.

OCCUPANCY: A AND B

ASSUMED CONSTRUCTION TYPE: 3B

BUILDING IS NON-SPRINKLERED

COMMON PATH OF EGRESS B OCC. = 100 FT

LIST OF ABBREVIATIONS

MAXIMUM

@	AT	MECH	MECHANICAL
AC	ACOUSTICAL COMPONENT	MFR	MANUFACTURER
ACST	ACOUSTICAL	MIN	MINIMUM
ADJ	ADJACENT OR ADJUSTABLE	MIRR	MIRROR OR MIRRORED
AFF	ABOVE FINISH FLOOR	MTL	METAL
AL ALT	ALTERNATE	MTLP	METAL PANEL
ALT	ANODIZED	NIC	NOT IN CONTRACT
ANOD	ANODIZED ARCHITECTURAL PRECAST CONCRETE	NO NOM	NUMBER
APCC	APPROXIMATE	NOM NTS	NOMINAL NOT TO SCALE
ARCH	ARCHITECTURAL	OC	ON CENTER
ATC	ACOUSTICAL TILE CEILING	OD	OUTSIDE DIAMETER OR DIMENSION
AV	AUDIO VISUAL	OF/CI	OWNER FURNISHED, CONTRACTOR INSTALL
AW	ARCHITECTURAL WOODWORK	OF/OI	OWNER FURNISHED, OWNER INSTALLED
3D	BOARD	OPNG	OPENING
BEJ	BRICK EXPANSION JOINT	OPP	OPPOSITE
BLDG	BUILDING	PCC	PRECAST CONCRETE
BLKG	BLOCKING	PCONC	POLISHED CONCRETE
3O_	BOTTOM OF	PEF	POURED EPOXY FLOORING
3RG	BEARING	PL	PLATE
CG	CORNER GUARD	PLAM	PLASTIC LAMINATE
CIPC	CAST-IN-PLACE CONCRETE	PLBG	PLUMBING
CJ	CONTROL JOINT	PLYWD	PLYWOOD
CL	CENTER LINE	PNT	PAINT(ED)
CLR	CLEAR	PR	PAIR
CMU	CONCRETE MASONRY UNIT	R	RISER
COL	COLUMN	RB	RESILIENT BASE
CONC	CONCRETE	RCP	REFLECTED CEILING PLAN
CONT	CONTINUOUS	REF	REFERENCE
CPT	CARPETING / CARPET TILE	REFR	REFRIGERATOR
CW	CURTAIN WALL	REINF	REINFORCE OR REINFORCING
)BL	DOUBLE DEMOLISH	REQD	REQUIRE(D)
DEMO	DEMOLITION / DEMOLISH	RF	RESILIENT FLOORING
AIC	DIAMETER	RM	ROOM
ON OR	DOWN	RO BST	ROUGH OPENING
	DOOR	RST	REINFORCING STEEL SUSPENDED ACOUSTICAL TILE CEILING
DWG EA	DRAWING(S) EACH	SATC SCHED	SCHEDULE
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	SCONC	SEALED CONCRETE
	EXPANSION JOINT	SF	SQUARE FOOT OR FEET
EL	ELEVATION	SHT	SHEET
ELEC	ELECTRICAL	SHTHG	SHEATHING
ELEV	ELEVATOR	SIM	SIMILAR
EQ.	EQUAL	SIPS	STRUCTURAL INSULATED PANELS
EQUIP	EQUIPMENT	SLNT	SEALANT
EWC	ELECTRIC WATER COOLER		SEALANT AND BACKER ROD
ΞX	EXPOSED	SOG	SLAB-ON-GRADE
EXH	EXHAUST	SST	STAINLESS STEEL
XIST	EXISTING	STD	STANDARD
XP	EXPANSION	STF	STOREFRONT
XT	EXTERIOR	STL	STEEL
ACP	FIRE ALARM CONTROL PANEL	STRUCT	STRUCTURAL
D	FLOOR DRAIN	SUSP	SUSPENDED
DC	FIRE DEPARTMENT CONNECTION	T	TREAD OR TILE
E	FIRE EXTINGUISHER ON BRACKET	T&B	TOP AND BOTTOM
EC	FIRE EXTINGUISHER CABINET	TAC	TACKBOARD
F	FINISHED FACE OR FLOOR		TELECOMMUNICATION(S)
IN	FINISH	TOB	TOP OF BEAM
LEX	FLEXIBLE	TOC	TOP OF CONCRETE/COUNTER
LR	FLOOR	TOF	TOP OF FRAME
TG	FOOTING	TOJ	TOP OF JOIST
URN	FURNITURE/FURNISHINGS	TOM	TOP OF MASONRY
}	GROUT	TOS	TOP OF SLAB OR STEEL
SALV	GALVANIZED	TOW	TOP OF WALL
SALV	GALVANIZED	TYP	TYPICAL
GYP CVD DD	GYPSUM BOARD	UON	UNLESS OTHERWISE NOTED
GYP BD	GYPSUM BOARD	VAR	VARIES
HM HODIZ	HOLLOW METAL	VERT	VERTICAL
HORIZ	HORIZONTAL	VIF	VERIFY IN FIELD
HT D	HEIGHT	W/	WITHOUT
В менн	INTEGRAL BASE	W/O WR	WITHOUT
NSUL NT	INSULATION	WB WC	WALL COVERING
IN I JT	INTERIOR JOINT	WD	WALL COVERING WOOD
AS	MASONRY	WDP	WOOD PANEL

I hereby certify that the portion of this technical

submission described below was prepared by me or

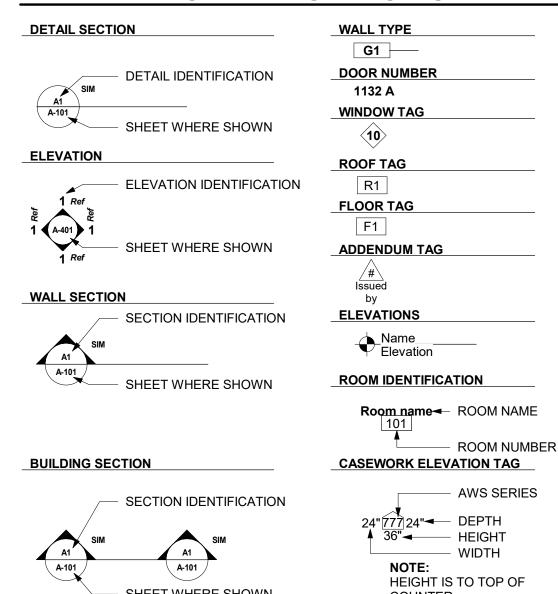
under my direct supervision and responsible charge.

I am a duly licensed Architect under the laws of

the State of Iowa.

Pages or sheets covered by this seal: .

REFERENCE INDICATIONS



l	<u>VIATERIAL ST</u>	NIBULS
	GENERAL FILL	STEEL
	BATT INSULATION	PLYWOOD
	RIGID INSULATION	GYPSUM BOARD
	FOAM-IN-PLACE INSULATION	GROUT
	GRANULAR DRAINAGE FILL	BRICK
	CONCRETE	CONCRETE MASONRY UNIT

NANTEDIAL CVMDOLC

_			
		GENERAL FILL	STEEL
		BATT INSULATION	PLYWOOD
		RIGID INSULATION	GYPSUM BOARD
		FOAM-IN-PLACE INSULATION	GROUT
		GRANULAR DRAINAGE FILL	BRICK
	4 4 4	CONCRETE	CONCRETE MASONRY UNIT
		WOOD BLOCKING	WOOD SHIM

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515.339.7800

CONSULTANTS

118 East College St lowa City, Iowa 52240 319 248 4600

PROJECT NAME

JOHNSON

COURTHOUSE

PROJECT 2 -

TEMPORARY

COURTROOM

JOHNSON COUNTY

DESCRIPTION

913 South Dubuque Street lowa City, Iowa 52240

PROJECT NO. 18.112

COUNTY

112 East Washington St | Unit B lowa City, Iowa 52240 319.333.7850

PROJECT 2 TITLE SHEET AND

DRAWING INDEX

I hereby certify that this engineering document was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa. License renewal date: Pages or sheets covered by this seal:

2'x4' TROFFER LIGHT

DEMOLITION KEYNOTES

EXISTING GRID AND TILE TO REMAIN

SUPPLY DIFFUSER SLOT DIFFUSER

MODIFY EXISTING GRID AND TILE FOR WALL C3 INFILL GRID AND TILE TO MATCH EXISTING GYP. HEADWALL TO REMAIN

C1	(c2) (C1)	
(C1)	(c) (c) (c)	
(C2)	2) (C1)	
C4		
	PATCH/INFILL HEADWALL TO MATCH C4 C1	

INTERIOR FINISHES						
KEY	MATERIAL	MANUF.	DESC.	COMMENTS		
RB-1	09 6500- RESILIENT BASE	JOHNSONITE	DARK BROWN			
CPT-5	09 6800- CARPET TILE-CARPET	SHAW	SEE SPECIFICATION			
PNT-1	09 9000- PAINT	SHERWIN WILLIAMS	SW 7105, PAPER WHITE	VERIFY; MATCH 3B WALL COLOR		

ROOM FINISH SCHEDULE - PHASE 2								
ROOM WALLS								
No.	NAME	FLOOR	BASE	NORTH	SOUTH	EAST	WEST	Comments
013A	COURTROOM	CPT	WD/RB	PNT-1	PNT-1	PNT-1	PNT-1	REUSED WD BASE; RB @ NEW WALL
013B	DEPUTY'S OFFICE							
013C	COURT CLERICAL		RB		PNT-1	PNT-1		RB EAST WALL
013E	CUSTODIAL OFFICE							
013F	COUNTY ATTY. OFFICE SUITE	CPT	RB	PNT-1				RB NORTH WALL
013G	COUNTY ATTY. OFFICE SUITE	CPT						
013H	COUNTY ATTY. OFFICE SUITE	CPT	WD/RB	PNT-1	PNT-1	PNT-1	PNT-1	REUSED WD BASE; RB AT NEW WALL
013J	JUDGE'S OFFICE	CPT	WD	PNT-1	PNT-1	PNT-1	PNT-1	REUSED WD BASE

DOOR SCHEDULE						
DOOR	ROOM	NOTES				
013C	COURTROOM	REINSTALL SALVAGED WOOD FRAME, CASINGS, DOOR, AND HARDWARE; INSTALL NEW WOOD THRESHOLD				
013F	COUNTY ATTY. OFFICE SUITE	REINSTALL SALVAGED WOOD FRAME, CASINGS, DOOR, AND HARDWARE; INSTALL NEW WOOD THRESHOLD				
013G	COUNTY ATTY. OFFICE SUITE	REINSTALL SALVAGED WOOD DOOR AND HARDWARE; INSTALL NEW WOOD FRAME AND CASINGS				
013J	COURTROOM	REINSTALL SALVAGED WOOD FRAME, CASINGS, DOOR, AND HARDWARE				

COUNTY ATTY. OFFICE SUITE

COUNTY ATTY. OFFICE SUITE
013G
109 SF

B2 A-501.2

COUNTY ATTY.

- INSTALL AND CLEAN OWNER SUPPLIED WINDOW |

BLINDS, TYP.

PATCH OPENING

TO MATCH

BREAK ROOM

COURT CLERICAL
013C
107 SF

B2 A-501.2

OF/OI

OF/OI

A4 A-501.2

PATCH OPENINGTO MATCH

CUSTODIAL

DEPUTY'S OFFICE

OF/OI,

GENERAL FLOOR PLAN NOTES

- 1. ALL DIMENSIONS ARE TO FACE OF STUD OR MASONRY, UNLESS
- OTHERWISE NOTED.

 2. WALLS TO BE TYPE L3.3, UNLESS OTHERWISE NOTED.
- 3. REPAIR AND PATCH CONCRETE FLOOR WHERE DAMAGED OR
- UNFINISHED RESULTING FROM DEMOLITION WORK.
- 4. WHEREVER DEMOLITION OF WALLS, CEILINGS, FLOORS, CASEWORK, OR OTHER ITEMS RESULTS IN EXPOSED, UNFINISHED EDGES, PLANES, OR FACES OF ADJOINING WALLS, CEILINGS, FLOORS, ETC., THESE UNFINISHED ELEMENTS SHALL BE REPAIRED, PATCHED AND FINISHED WITH LIKE/COMPATIBLE MATERIALS AS REQUIRED TO MATCH ADJACENT SURFACE, UNLESS OTHERWISE NOTED IN THE DOCUMENTS.
- WHERE REMOVAL OF ITEMS REQUIRED BY THIS CONTRACT, INCLUDING PLUMBING, MECHANICAL, ELECTRICAL, AND TELECOM ITEMS, LEAVES HOLES IN THE EXISTING WALLS, FLOORING, FLOOR SLAB, CEILINGS, AND/OR ROOF DECK, CONTRACTOR SHALL PATCH ALL HOLES LEFT FROM REMOVAL OF THESE ITEMS TO MATCH ADJACENT ASSEMBLY AND SURFACE PRIOR TO REFINISHING.

REMOVE DOOR DURING CONSTRUCTION; INSTALL

A-501.2

COURTROOM 013A 595 SF

B2 A-501.2

013J

JUDGE'S OFFICE

013J

141 SF

INSTALL AND **CLEAN OWNER** SUPPLIED WINDOW BLINDS, TYP.

ARCHITECT OF RECORD

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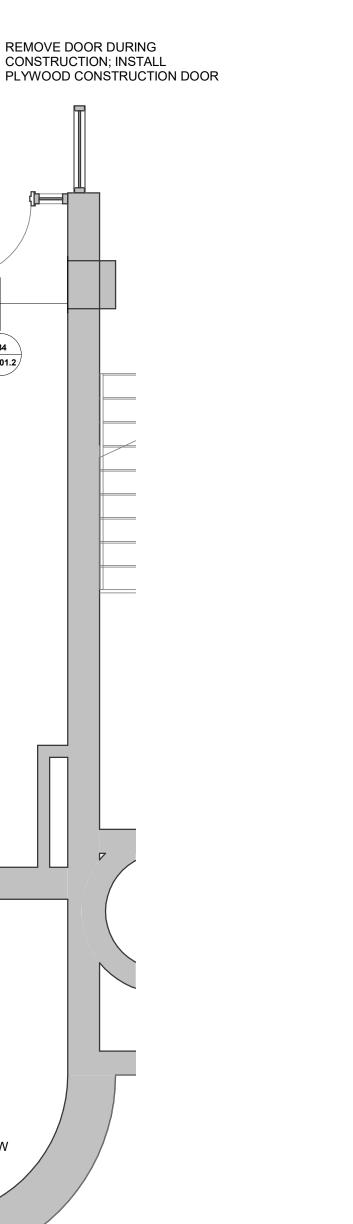
MODUS Engineering

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lowa City, Iowa 52240 319.248.4600 Raker Rhodes Engineering

Structural Engineer 112 East Washington St | Unit B lowa City, Iowa 52240 319.333.7850



PROJECT NAME

JOHNSON

COURTHOUSE

PROJECT 2 -

COUNTY

PROJECT 2 FIRST LEVEL FLOOR PLAN AND RCP

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SHEET NAME

A-101.2

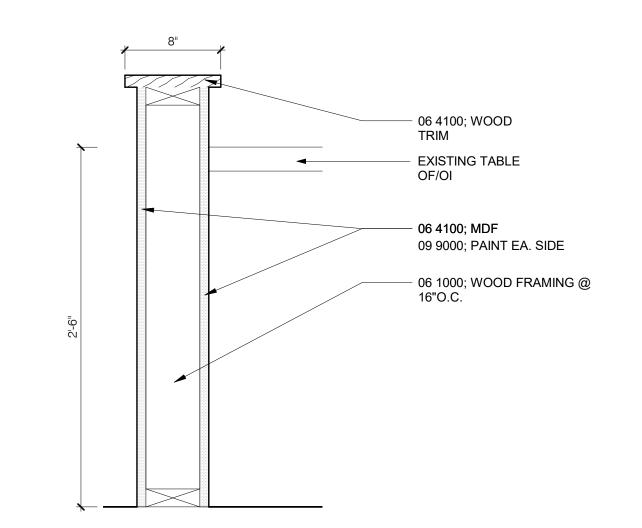
A1 PROJECT 2 TEMPORARY COURTROOM RCP

TEMPORARY COURTROOM

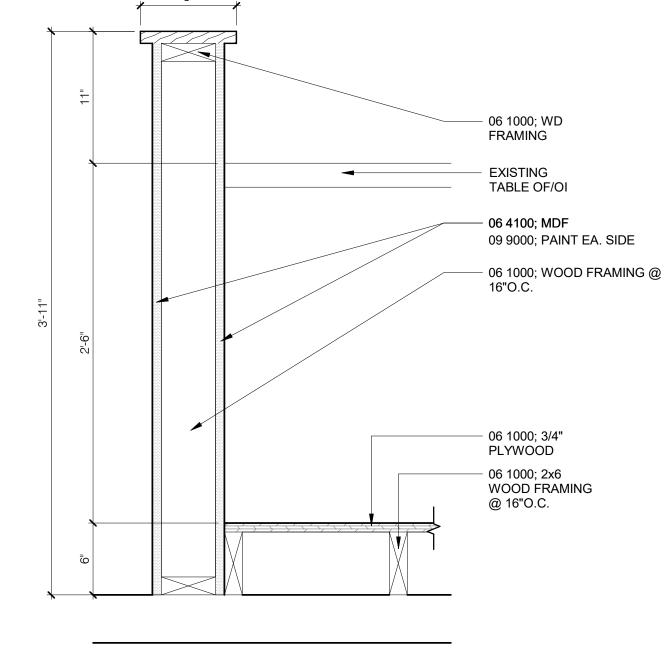
PROJECT 2

A3 PROJECT 2 TEMPORARY COURTROOM FLOOR PLAN

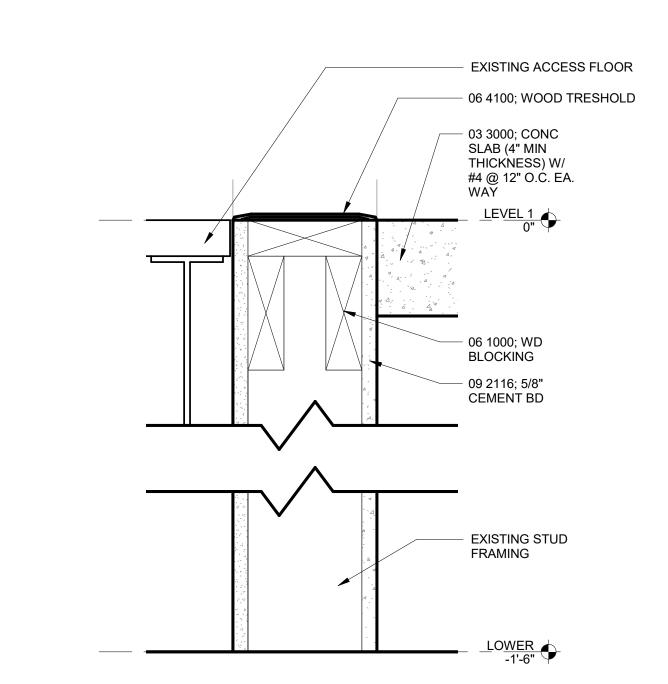
L3.X METAL STUD ASSEMBLIES W/ 1 LAYER GYP BD EACH SIDE						
Mark	Stud Size	Assembly Width	UL Design Rating	Comments		
L3.3	3 5/8"	4 7/8"				



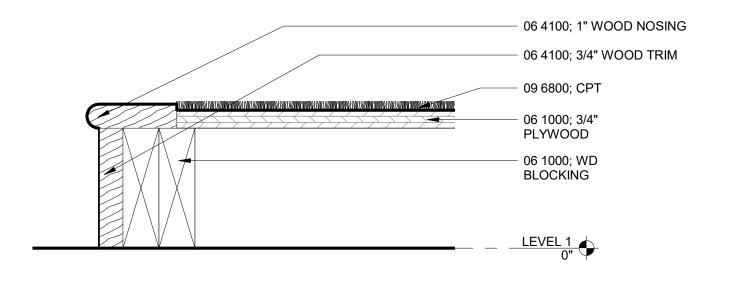
C3 SECT DTL @ COURT REPORTER



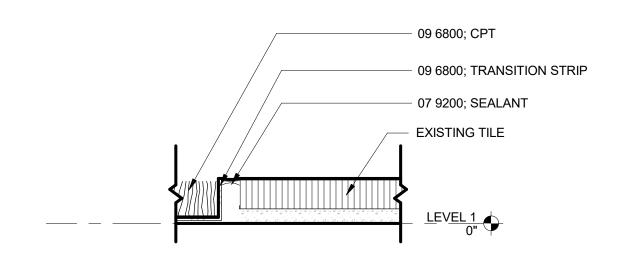
C4 SECT DTL @ JUDGE'S BENCH



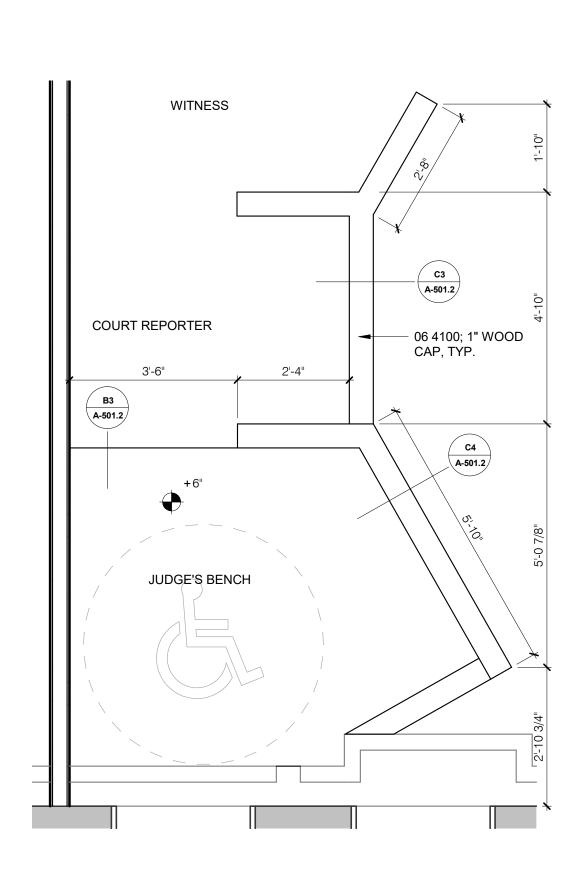
B2 SECT. DTL @ NEW THRESHOLD



B3 SECT. DTL @ PLATFORM



B4 SECT. DTL @ TILE/CPT TRANSITION



A4 ENLARGED PLAN @ JUDGE'S STAND

JOHNSON
COUNTY
COURTHOUSE
PROJECT 2 TEMPORARY
COURTROOM

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OWNER
JOHNSON COUNTY
913 South Dubuque Street
lowa City, lowa 52240

PROJECT NO. 18.112

DATE	DESCRIPTION
09.08.2021	QUOTE DOCUMENTS

PROJECT 2
DETAILS

SHEET NUMBER

A-501.2

O PIPE RISER

→ PIPE DROP

PIPE CAP

———— UNION

PIPING SPECIALTIES

BFP BACKFLOW PREVENTER

FLEXIBLE PIPE CONNECTOR

──────── THERMOSTATIC TRAP

STRAINER W/DRAIN VALVE

AIR VENT

— PRESSURE GAUGE

EXPANSION JOINT

BUTTERFLY VALVE

──▼ LUBRICATED PLUG VALVE

3WAY CONTROL VALVE

2WAY CONTROL VALVE

SWING CHECK VALVE

——D⊗<I— BALANCING VALVE

TRIPLE DUTY VALVE

THERMOMETER

TEMPERATURE WELL

SPRINKLER POST INDICATOR VALVE

+ P/T PORT
- CURB STOP

—∣HB HOSE BIBB

CALIBRATED BALANCE VALVE

GLOBE VALVE

BALL VALVE

GATE VALVE

F/T FLOAT & THERMOSTATIC TRAP

ROOF DRAIN

NOTF: NOT ALL SYMBOLS SHOWN MAY BE REQUIRED FOR THIS PROJECT

NOTE: N	IOT ALL SYMBOLS SHOWN MAY BE REQUIRED FOR THIS PROJE
SHEE	T METAL
	SQUARE CEILING DIFFUSER WITH ROUND NECK
	SQUARE CEILING RETURN AIR GRILLE
	SQUARE CEILING EXHAUST OR RELIEF AIR GRILLE
	LINEAR SLOT DIFFUSER
	FLOOR REGISTER OR GRILLE
=	SIDEWALL REGISTER OR GRILLE
8Ø ├┼┼┼┼	FLEX DUCT WITH SIZE
18x12	DUCT SIZE: HORIZONTAL WIDTH x VERTICAL HEIGHT (NET OUTSIDE SHEET METAL DIMENSION)
	RECTANGULAR ELBOW WITH TURNING VANES
	CONCENTRIC DUCT REDUCER
	ECCENTRIC DUCT REDUCER
	EXISTING DUCTWORK TO BE REMOVED
	EXISTING DUCTWORK TO REMAIN
	SUPPLY AIR DUCT SECTION UP OR TOWARDS
	RETURN AIR DUCT SECTION UP OR TOWARDS
	EXHAUST AIR DUCT SECTION UP OR TOWARDS
	OUTSIDE AIR DUCT SECTION UP OR TOWARDS
	SUPPLY AIR DUCT SECTION DOWN OR AWAY
	RETURN AIR DUCT SECTION DOWN OR AWAY
	EXHAUST AIR DUCT SECTION DOWN OR AWAY
	OUTSIDE AIR DUCT SECTION DOWN OR AWAY
√	DIRECTIONAL FLOW ARROW
??? ♦——	HORIZONTAL DAMPER FSD = FIRE/SMOKE DAMPER, FD = FIRE DAMPER, SD = SMOKE DAMPER CD = CONTROL DAMPER
	VOLUME CONTROL DAMPER
-	GRILLE/DIFFUSER TAG WITH TYPE NUMBER AND CFM QUANTITY $S = SUPPLY$, $R = RETURN$, $E = EXHAUST$
	GRILLE/DIFFUSER TAG WITH TYPE NUMBER AND CFM QUANTITY $S = SUPPLY$, $R = RETURN$, $E = EXHAUST$
VAV ?	VARIABLE AIR VOLUME (VAV) BOX WITH TYPE NUMBER
T	THERMOSTAT
H	HUMIDISTAT

MISCELLANEOUS

DUCT RISE

DUCT DROP

	EXISTING LINE TO REMAIN
	EXISTING LINE TO BE REMOVE
	POINT OF NEW CONNECTION
EX	EXISTING TO REMAIN
ER	EXISTING TO BE REMOVED
EXR	EXISTING TO BE RELOCATED

FLEXIBLE DUCT CONNECTOR

A——— AUTOMATIC MOTORIZED CONTROL DAMPER

CONED TAKEOFF WITH DAMPER

PLUMBING		<u>HYDRO</u>
	DOMESTIC COLD WATER LINE - CW	——— HF — — —HP
	- DOMESTIC HOT WATER LINE - HW	MF
	DOMESTIC HOT WATER CIRCULATING LINE - HWC	— — — MF
TW	- TEMPERED WATER LINE	LP
sw	SOFT COLD WATER LINE	— — LP
	SOFT HOT WATER LINE	P(
ss	- SANITARY SEWER LINE	———ни
———— GSS ————	GREASE SANITARY SEWER LINE	— — —HV
ST	- STORM SEWER LINE	СН\
OFD	- STORM SEWER OVERFLOW LINE	— — —сн
AW	- ACID WASTE LINE BELOW FLOOR SLAB	CW
- ν	PLUMBING VENT LINE	— — —cw
AV	- ACID PLUMBING VENT LINE	———С
CD	CONDENSATE DRAIN LINE	cc
——— G ———	- NATURAL GAS LINE	———СТ
— гр	- LIQUEFIED PETROLEUM GAS LINE	
RL	REFRIGERANT LIQUID LINE	— — —нғ
——— RS ———	REFRIGERANT SUCTION LINE	SM
———— HG ————	REFRIGERANT HOT GAS BYPASS LINE	— — —SM
——— PD ———	PUMPED DISCHARGE LINE	0
ww	- WELL WATER LINE	O
C.O. O	CLEANOUT IN FLOOR	0
C.O. I	CLEANOUT AT OR ABOVE CEILING	0
C.O. I—○	CLEANOUT IN WALL	O
•	SHOWERHEAD	———W
0	FLOOR DRAIN	————W0

ONIC PIPING

ITT DRUNIC PIP	IING
	HIGH PRESSURE STEAM SUPPLY LINE (51-125 PSIG
${\rm HPR}$	HIGH PRESSURE CONDENSATE RETURN LINE
MPS	MEDIUM PRESSURE STEAM SUPPLY LINE (16-50 PS
${\rm MPR}$	MEDIUM PRESSURE CONDENSATE RETURN LINE
LPS	LOW PRESSURE STEAM SUPPLY LINE (0-15 PSIG)
LPR	LOW PRESSURE CONDENSATE RETURN LINE
———РС ———	PUMPED CONDENSATE RETURN LINE
HWS	HEATING HOT WATER SUPPLY LINE
	HEATING HOT WATER RETURN LINE
CHWS	CHILLED/HOT WATER SUPPLY LINE
	CHILLED/HOT WATER RETURN LINE
CWS	CHILLED WATER SUPPLY LINE
$\!$	CHILLED WATER RETURN LINE
CDS	CONDENSER WATER SUPPLY LINE
CDR $$	CONDENSER WATER RETURN LINE
——— СТВ ———	COOLING TOWER BLOWDOWN LINE
———— HPS ————	HEAT PUMP SUPPLY LINE
— — —HPR— — —	HEAT PUMP RETURN LINE
SMS	SNOW MELTING SYSTEM SUPPLY
SMR	SNOW MELTING SYSTEM RETURN
OF	OIL FILL LINE
os	OIL SUCTION LINE
————OR ————	OIL RETURN LINE
———оG ———	OIL GAUGE LINE
OV	OIL VENT LINE
wo	WASTE OIL LINE
WOV	WASTE OIL VENT LINE

ELECTRICAL SYMBOLS LIST

NOTE: NOT ALL SYMBOLS SHOWN MAY BE REQUIRED FOR THIS PROJECT

WIRING DEVICES

- DUPLEX WALL RECEPTACLE
- DUPLEX WALL RECEPTACLE ABOVE COUNTER BACKSPLASH OR AS INDICATED
- GFI DUPLEX GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE
- T DUPLEX TAMPER-RESISTANT RECEPTACLE
- WP DUPLEX WEATHERPROOF GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE WITH COVER
- ⇒U DUPLEX RECEPTACLE WITH USB CHARGER PORT → DUPLEX RECEPTACLE INSTALLED HORIZONTALLY
- E DUPLEX RECEPTACLE ON BACKUP POWER QUADRUPLEX RECEPTACLE
- QUADRUPLEX RECEPTACLE ABOVE COUNTER BACKSPLASH OR AS INDICATED
- DUPLEX CEILING RECEPTACLE
- J JUNCTION BOX
- ③♠♥✓ WIREMOLD/PLUGMOLD W/ENTRANCE FITTING AS SPECIFIED AND RECEPTACLES & DEVICES AS INDICATED
- DUPLEX WALL RECEPTACLE FOR 208V, VERIFY POWER NEEDS
- HAND DRYER (BY OTHERS)
- AUTOMATIC FAUCET/VALVE EPO EMERGENCY PUSH BUTTON (GENERATORS/BOILERS)
- ADA PUSH BUTTON (BY OTHERS)

EQUIPMENT WIRING

- DISCONNECTING MEANS
- WP WEATHERPROOF DISCONNECTING MEANS
- F FUSED DISCONNECTING MEANS
- MS MOTOR STARTER SWITCH WITH RED RUN PILOT LIGHT

VFD VARIABLE FREQUENCY DRIVE W/INTEGRAL DISCONNECT

SWITCHES - LOW VOLTAGE (DIGITAL)

- W WALL SWITCH/STATION
- OCCUPANCY SENSOR WALL SWITCH
- CEILING MOUNT OCCUPANCY SENSOR
- DAYLIGHT PHOTOSENSOR
- PC EXTERIOR PHOTOCELL

SWITCHES - LINE VOLTAGE (120/277V) (REFER TO LIGHTING SEQUENCE OF OPERATION FOR ADDITIONAL INFORMAT

- DIMMING SWITCH 3-WAY SWITCH
- 4-WAY SWITCH SINGLE POLE KEYED SWITCH
- S_{K3} 3-WAY KEYED SWITCH
- S P PILOT LIGHT SWITCH
- MOMENTARY LIGHT SWITCH OCCUPANCY SENSOR WALL SWITCH

S CEILING MOUNT OCCUPANCY SENSOR

DISTRIBUTION

- SURFACE-MOUNT PANEL
- FLUSH-MOUNT PANEL
- TRANSFORMER
- C/T CABINET M METER

COMMUNICATIONS SYSTEMS

- TELEPHONE OUTLET IN WALL
- TELEPHONE OUTLET ABOVE COUNTER BACKSPLASH TELEPHONE OUTLET FOR WALL MOUNTED TELEPHONE
- # DATA OUTLET IN WALL W/ # OF JACKS
- DATA OUTLET ABOVE COUNTER BACKSPLASH
- DATA OUTLET IN CEILING WAP WIRELESS ACCESS POINT
- COMBINATION PHONE/DATA OUTLET IN WALL
- COMBINATION PHONE/DATA OUTLET ABOVE COUNTER
- TELEVISION OUTLET IN CEILING
- WALL HORN INDICATOR
- CEILING SPEAKER
- INTERCOM PUSH BUTTON HAV_# AUDIO VISUAL OUTLET IN WALL
- AV)# AUDIO VISUAL OUTLET IN FLOOR
- ⊢(C) CLOCK LOCATION
- CLOCK LOCATION DOUBLE FACE

FIRE ALARM & DETECTION

- DUCT SMOKE DETECTOR
- SMOKE DETECTOR CEILING MOUNTED
- SMOKE DETECTOR WITH SOUNDER BASE COMBINATION SMOKE/CO DETECTOR
- HEAT DETECTOR RATE OF RISE
- HEAT DETECTOR FIXED TEMPERATURE
- FIRE ALARM PULL STATION
- FIRE ALARM HORN/STROBE WALL MOUNTED
- ☐☐ FIRE ALARM HORN/STROBE CEILING MOUNTED
- S FIRE ALARM SPEAKER WALL MOUNTED

- FIRE ALARM SPEAKER/STROBE WALL MOUNTED
- FIRE ALARM SPEAKER/STROBE CEILING MOUNTED
- FIRE ALARM STROBE LIGHT WALL MOUNTED
- FIRE ALARM STROBE LIGHT CEILING MOUNTED R FIRE ALARM RELAY
- DH FIRE ALARM HOLD OPEN CONNECTION
- FIRE/SMOKE DAMPER CONNECTION
- TS SPRINKLER TAMPER SWITCH MONITORING
- FS SPRINKLER FLOW SWITCH MONITORING
- PIV POST INDICATOR VALVE MONITORING
- FACP FIRE ALARM CONTROL PANEL
- FAAP FIRE ALARM ANNUNCIATOR PANEL
- ECB EMERGENCY CONTROL BOX
- VEM VOICE EVACUATION AND MESSAGING

LUMINAIRES

- 1'x4' RECESSED TROFFER FIXTURE W/TYPE NUMBER 2'x2' RECESSED TROFFER FIXTURE W/TYPE NUMBER 2'x4' RECESSED TROFFER FIXTURE W/TYPE NUMBER
- RECESSED LINEAR FIXTURE W/TYPE NUMBER 2'x2' SURFACE MOUNT TROFFER FIXTURE W/TYPE NUMBER
- 2'x4' SURFACE MOUNT TROFFER FIXTURE W/TYPE NUMBER SURFACE MOUNT LINEAR FIXTURE W/TYPE NUMBER
- SURFACE/CEILING MOUNT STRIP FIXTURE W/TYPE NUMBER
- SUSPENDED MOUNT STRIP FIXTURE W/TYPE NUMBER COVE LIGHT FIXTURE W/TYPE NUMBER
- SURFACE MOUNT FIXTURE W/TYPE NUMBER RECESSED DOWNLIGHT FIXTURE W/TYPE NUMBER
- PENDANT MOUNT FIXTURE W/TYPE NUMBER
- abla
 ablaTRACK MOUNT FIXTURE W/TYPE NUMBER INGROUND FIXTURE W/TYPE NUMBER POLE MOUNT FIXTURE W/TYPE NUMBER
- GROUND MOUNT FLOOD LIGHT FIXTURE W/TYPE NUMBER TREE UPLIGHT FIXTURE W/TYPE NUMBER

EXIT & EMERGENCY

- DOUBLE FACE CEILING MOUNTED EXIT SIGN W/ILLUMINATED FACE(S) AND DIRECTION INDICATED
- H

 →

 WALL MOUNTED EXIT SIGN W/DIRECTION INDICATED
- ROUND CEILING MOUNT EMERGENCY LIGHT FIXTURE W/ TYPE AND CIRCUIT INDICATED ON PLANS

ACCESS CONTROL

- DC DOOR CONTACT

- DB PANIC/DURESS BUTTON
- RX REQUEST TO EXIT (WALL OR CEILING MOUNTED)

ER EXISTING - TO BE REMOVED

MISCELLANEOUS

- EX EXISTING TO REMAIN EXR EXISTING - TO BE RELOCATED
- CONDUIT SWITCH-LEG IN CONDUIT — UC— UNDER GROUND CONDUIT
- EC EMPTY CONDUIT POINT OF NEW CONNECTION
- WP WEATHERPROOF
- AFF ABOVE FINISHED FLOOR AFG ABOVE FINISH GRADE
- WM DEVICE ON WIREMOLD WG WIRE GUARD [FS] FIRE STOP

EZ PASS-THROUGH

- SINGLE FACE CEILING MOUNTED EXIT SIGN W/ILLUMINATED FACE AND DIRECTION
- EDGE MOUNTED EXIT SIGN W/ILLUMINATED FACE(S) AND DIRECTION INDICATED
- EMERGENCY BATTERY PACK
- RECTANGULAR CEILING MOUNT EMERGENCY LIGHT FIXTURE W/ TYPE AND CIRCUIT INDICATED ON PLANS

- CR PROXIMITY CARD READER
- CM MULLION MOUNT CARD READER KP KEYPAD
- PB PUSHBUTTON (REQUEST TO EXIT)

PROJECT NAME

JOHNSON

COUNTY COURTHOUSE PROJECT 2 -**TEMPORARY COURTROOM**

ARCHITECT OF RECORD

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Des Moines, Iowa 50309

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CONSULTANTS

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JOHNSON COUNTY

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lowa City, Iowa 52240

PROJECT NO. 18.112

DESCRIPTION 09 08 2021 QUOTE DOCUMENTS

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SHEET NAME

PROJECT 2 COVER SHEET

SHEET INDEX

- E-101.2 PROJECT 2 ELECTRICAL PLAN E-601.2 PROJECT 2 ELECTRICAL SCHEDULES AND DETAILS

ME-001.2 PROJECT 2 COVER SHEET PROJECT 2 MECHANICAL PLAN M-101.2 PROJECT 2 ELECTRICAL DEMOLITION PLAN ED-101.2

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> TCONRAD@MODUS-ENG.COM **ELECTRICAL ENGINEER** ANDREW WEBER AWEBER@MODUS-ENG.COM

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JOHNSON COUNTY COURTHOUSE PROJECT 2 -**TEMPORARY** COURTROOM

JOHNSON COUNTY 913 South Dubuque Street lowa City, lowa 52240

PROJECT NO. 18.112

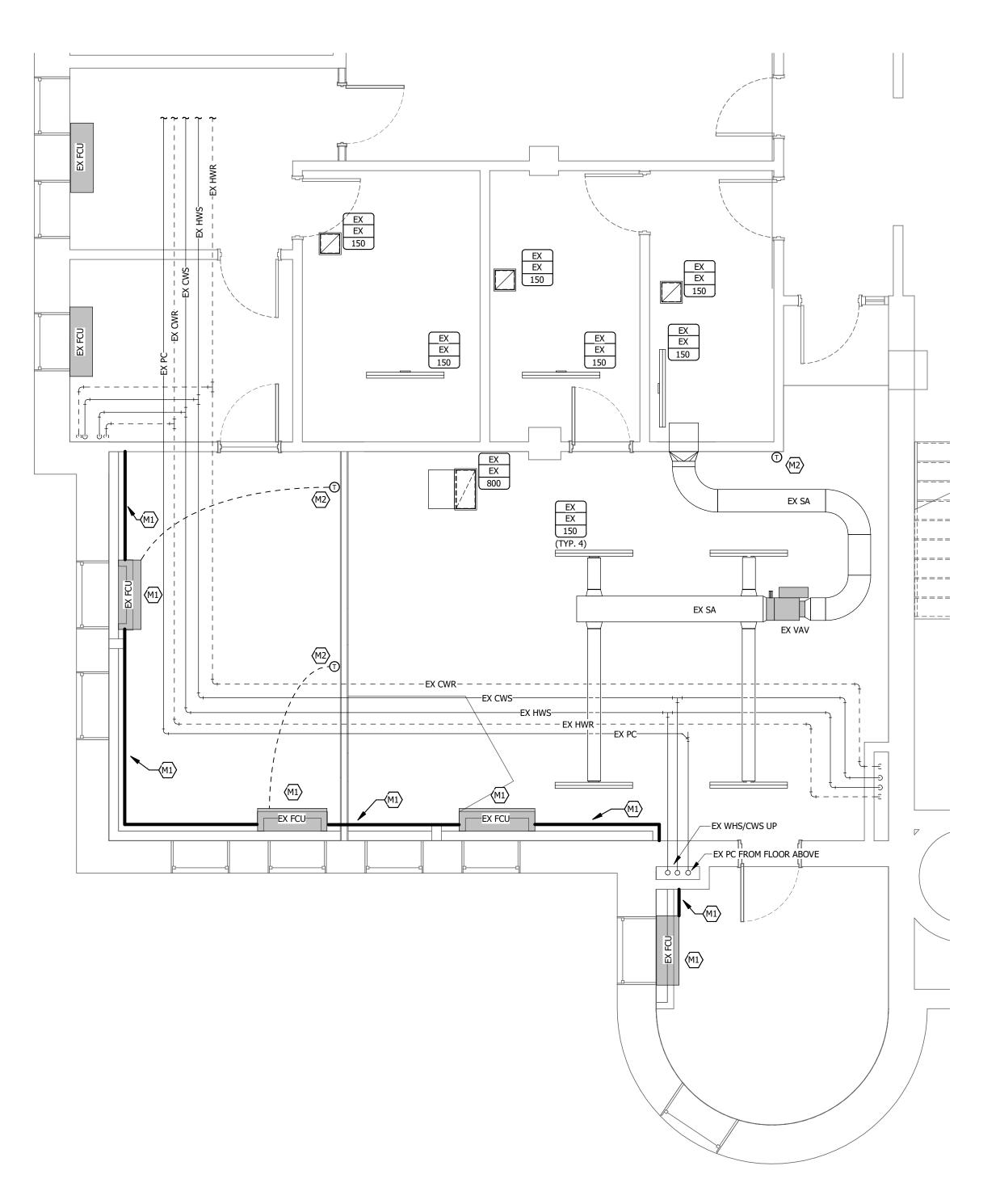
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SHEET NAME

PROJECT 2 **MECHANICAL PLAN**

M-101.2



N 2 LEVEL 1 MECHANICAL PLAN
1/4" = 1'-0"

21-115 JOHNSON CO COURTHOUSE TEMP COURTROOM

GENERAL NOTES:

- A. LAYOUT AND ROUTING SHOWN IS DIAGRAMMATIC AND SCHEMATIC IN NATURE. NOT ALL OFFSETS MAY BE SHOWN. CONTRACTOR SHALL VERIFY EXACT ROUTING REQUIRED AND NUMBER OF OFFSETS AND TRANSITIONS.
- B. COORDINATE THERMOSTAT LOCATIONS WITH CASEWORK, WALL TYPES, AND FURNISHINGS PRIOR TO ROUGH-IN.
- COORDINATE SUPPLY, RETURN, AND EXHAUST GRILLE/DIFFUSER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLAN AND ALL TRADES.
- D. COORDINATE DUCT ROUTING IN LOCATIONS WITH EXISTING CONDITIONS. FIELD VERIFY EXISTING CONDITIONS PRIOR TO ROUGH-IN.

REFERENCED NOTES: (M#)

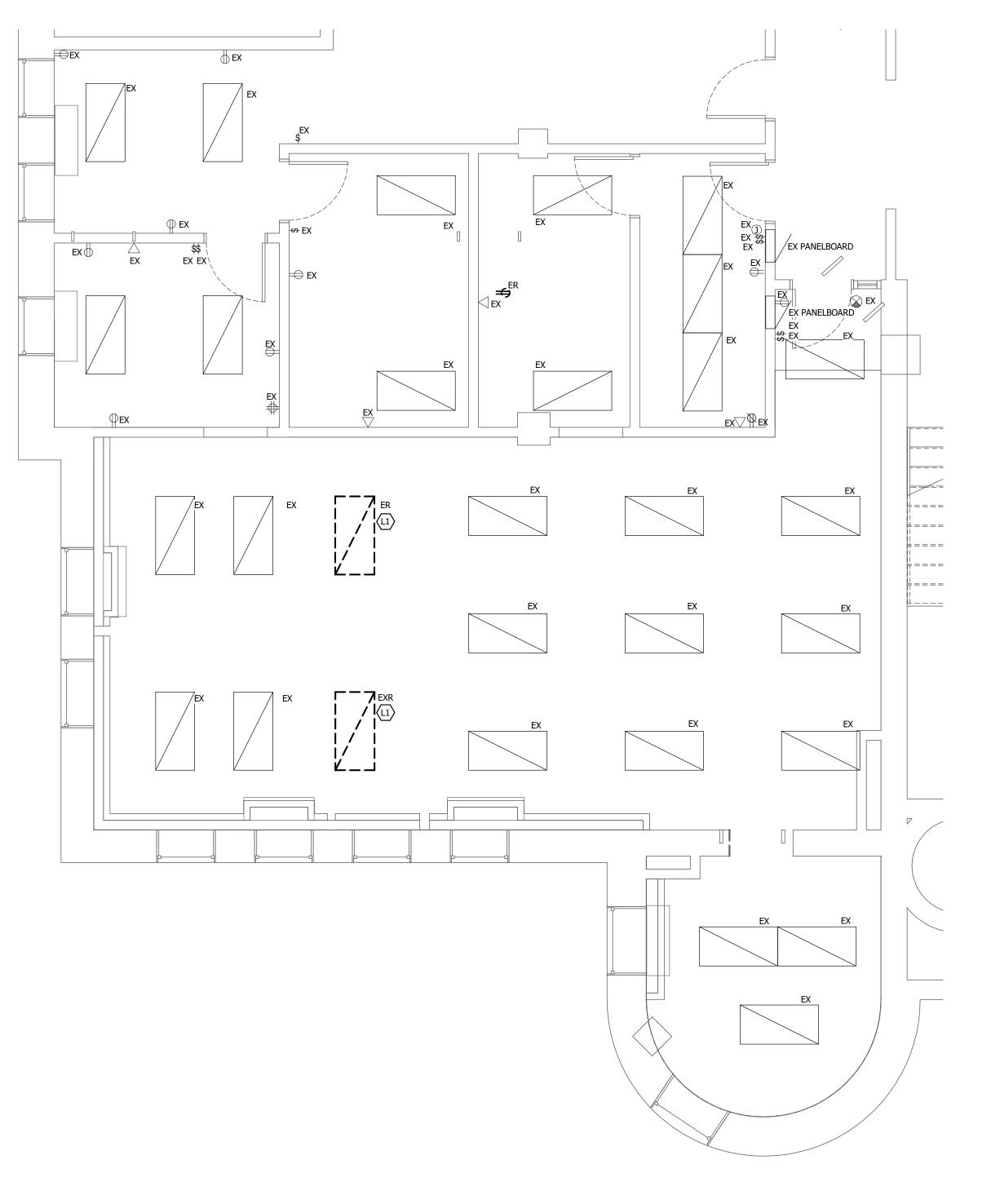
- M1. REINSTALL FCU OR PIPING ENCLOSURE.
- M2. REINSTALL THERMOSTAT. MODIFY AND/OR EXTEND PNEUMATIC TUBING AS REQUIRED.

GENERAL LIGHTING NOTES:

- COORDINATE ALL DEVICES WITH ARCHITECTURAL PLANS AND CASEWORK L1.
- REFER TO SPECIFICATION SECTION 26 0943 FOR ADDITIONAL DETAILS ASSOCIATED WITH THE LIGHTING CONTROLS. EACH AREA OF CONTROL SHALL HAVE A DEDICATED POWER PACK WITH ALL DEVICES SHOWN ON PLANS OPERATING TOGETHER.
- ALL LIGHTING FIXTURES SHALL BE INSTALLED IN SUCH WAY THAT DRIVERS ARE ACCESSIBLE WITHOUT CUTTING OF CEILING. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF AREAS WHERE THIS IS NOT POSSIBLE.
- THE ELECTRICAL CONTRACTOR SHALL EXTEND AN "UNSWITCHED" HOT CONDUCTOR FROM THE NEAREST NORMAL LIGHTING CIRCUIT TO EVERY UL924 LISTED EMERGENCY POWER PACK/TRANSFER DEVICE AND EXIT SIGNS REQUIRED FOR EMERGENCY EGRESS OPERATION. THE "UNSWITCHED" HOT CONDUCTOR SHALL BE USED FOR SENSING PURPOSES
- UNLESS NOTED OTHERWISE BY DESIGNATED "LIGHTING CONTROL ZONES", SWITCHES SHOWN WILL CONTROL ALL FIXTURES IN THE ROOM SHOWN.
- ALL LIGHTING CONTROL SHALL OPERATE "MANUAL ON/AUTO OFF" PER CODE (IECC OR ASHRAE 90.1) UNLESS OTHERWISE NOTED IN THE SEQUENCE OF OPERATIONS OR THESE REFERENCE NOTES.

REFERENCED LIGHTING NOTES: (#)

- REMOVE LIGHT FIXTURE AND CAREFULLY STORE FOR REINSTALLATION FOLLOWING
- NEW ARCHITECTURAL AND MECHANICAL WORK. SEE LIGHTING PLAN FOR NEW LOCATIONS AND CIRCUITING. CLEAN AND PROVIDE NEW COMPONENTS FOR ANY DAMAGED PARTS AND PIECES PRIOR TO REINSTALLATION.



N 1 LEVEL 1 ELECTRICAL DEMOLITION PLAN - PHASE 2

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PROJECT NAME **JOHNSON** COUNTY COURTHOUSE

PROJECT 2 -**TEMPORARY** COURTROOM

JOHNSON COUNTY 913 South Dubuque Street lowa City, lowa 52240

PROJECT NO. 18.112

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SHEET NAME PROJECT 2 **ELECTRICAL DEMOLITION PLAN**

ED-101.2

MAINTAIN SERVICE CLEARANCE AROUND ALL MECHANICAL & ELECTRICAL EQUIPMENT. DO NOT ROUTE PIPING OR CONDUIT IN CLEARANCE SPACE.

SURFACE RACEWAY SHALL NOT BE USED IN ANY FINISHED AREAS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

ALL RECEPTACLE CIRCUITS SHALL HAVE DEDICATED NEUTRALS.

INSTALL DEVICES SUCH THAT NO TWO DEVICES ON OPPOSITE SIDES OF SAME WALL ARE WITHIN 6" OF EACH OTHER.

PROVIDE CONDUIT SLEEVES WITH INSULATED BUSHINGS SERVING

ALL LOW VOLTAGE CABLING. DO NOT EXCEED 40% FILL. PRIOR TO ROUGH-IN, COORDINATE ALL WALL DEVICES WITH FINAL CASEWORK ELEVATIONS AND OTHER TRADES. CONFLICTS SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER.

IN ROOMS WHERE MULTIPLE COUNTER HEIGHTS EXIST, ALL ABOVE-COUNTER RECEPTACLE SHALL BE INSTALLED AT THE SAME HEIGHT ABOVE FLOOR. COORDINATE WITH DESIGN TEAM DURING

ELECTRICAL CONTRACTOR SHALL PROVIDE TAMPER RESISTANT RECEPTACLES PER NEC 406.12 AND 517.18 (C).

REFER TO ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS FOR SPECIFIC DEVICE ROUGH-IN AND PLACEMENT. ANY DEVIATIONS FROM THE ARCHITECTURAL ELEVATIONS AND RCP'S SHALL BE REVIEWED AND APPROVED BY THE ARCHITECT PRIOR TO ROUGH-IN. IF A DEVICE IS REQUIRED PER SPECIFICATION, REQUIRED FOR OPERATION, OR IS DIFFERENT IN CONFIGURATION THAN SHOWN ON ELEVATIONS AND RCP'S, CLARIFICATION AND DIRECTION MUST BE GIVEN BY THE ARCHITECT BEFORE ROUGH-IN. DEVIATIONS OR ADDITIONAL DEVICES NOT APPROVED PRIOR TO INSTALLATION SHALL BE CORRECTED AT CONTRACTORS EXPENSE. THIS INCLUDES BUT IS NOT LIMITED TO THERMOSTATS, CONTROL SYSTEM SENSORS, ELECTRICAL DEVICES, SWITCHES, DIMMERS, TECHNOLOGY DEVICES, A/V DEVICES, SPEAKERS, FIRE ALARM DEVICES, ETC.

REFERENCED POWER NOTES: (E#)

ALL DEVICES TAGGED 'EX' IN THIS ROOM ARE TO BE INSTALLED USING EXISTING PATHWAYS. INSTALL NEW BACKBOXES. CUT AND PATCH WALL TO MATCH EXISTING. REUSE CONDUCTORS OR CABLING COILED ABOVE CEILING. CONFIRM CONDUCTORS MEET CURRENT CODES. DEVICES SHALL BE RECONNECTED TO THE SAME CIRCUIT UNLESS NOTED OTHERWISE.

PROVIDE LEGRAND UNDERCARPET FLEX CONNECTRAC SYSTEM. PROVIDE DEVICES AS SHOWN.

EXTEND NEAREST CIRCUIT IN ROOM TO NEW DEVICES SHOWN OR REUSE EXISTING CIRCUIT FROM REMOVED DEVICES.

PROVIDE SURFACE RACEWAY FOR SURFACE MOUNTED DEVICE. REFER

TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. PROVIDE ADDITIONAL 1" CONDUIT FOR FUTURE POWER FROM ABOVE

ACCESSIBLE CEILING STUBBED UP IN FRONT PANEL.

PROVIDE ADDITIONAL 1 1/4" CONDUIT FOR FUTURE DATA FROM ABOVE ACCESSIBLE CEILING STUBBED UP IN FRONT PANEL.

01D **COUNTY ATTY. OFFICE** 013F EX PANELBOARD **CUSTODIAL OFFICE DEPUTY'S OFFICE** 013E 013B ^{√EX} COURT CLERICAL COUNTY ATTY. OFFICE EX PANELBOARD 013C 013G EX EX EX COUNTY ATTY. OFFICE SUITE 013H COURTROOM 013A Œ1

GENERAL LIGHTING NOTES:

- COORDINATE ALL DEVICES WITH ARCHITECTURAL PLANS AND CASEWORK L1.
- REFER TO SPECIFICATION SECTION 26 0943 FOR ADDITIONAL DETAILS ASSOCIATED WITH THE LIGHTING CONTROLS. EACH AREA OF CONTROL SHALL HAVE A DEDICATED POWER PACK WITH ALL DEVICES SHOWN ON
- ALL LIGHTING FIXTURES SHALL BE INSTALLED IN SUCH WAY THAT DRIVERS ARE ACCESSIBLE WITHOUT CUTTING OF CEILING. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF AREAS WHERE THIS IS NOT
- THE ELECTRICAL CONTRACTOR SHALL EXTEND AN "UNSWITCHED" HOT CONDUCTOR FROM THE NEAREST NORMAL LIGHTING CIRCUIT TO EVERY UL924 LISTED EMERGENCY POWER PACK/TRANSFER DEVICE AND EXIT SIGNS REQUIRED FOR EMERGENCY EGRESS OPERATION. THE "UNSWITCHED" HOT CONDUCTOR SHALL BE USED FOR SENSING PURPOSES
- UNLESS NOTED OTHERWISE BY DESIGNATED "LIGHTING CONTROL ZONES", SWITCHES SHOWN WILL CONTROL ALL FIXTURES IN THE ROOM SHOWN.
- ALL LIGHTING CONTROL SHALL OPERATE "MANUAL ON/AUTO OFF" PER CODE (IECC OR ASHRAE 90.1) UNLESS OTHERWISE NOTED IN THE SEQUENCE OF OPERATIONS OR THESE REFERENCE NOTES.

REFERENCED LIGHTING NOTES: (L#)

- CONNECT TO EXISTING BREAKER SERVING LIGHTING IN THIS SPACE.
- PROVIDE SURFACE RACEWAY FOR SURFACE MOUNTED DEVICE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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CONSULTANTS

PROJECT NAME

JOHNSON

COURTHOUSE

PROJECT 2 -

TEMPORARY

COURTROOM

JOHNSON COUNTY 913 South Dubuque Street

DESCRIPTION

QUOTE DOCUMENTS

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ELECTRICAL PLAN

lowa City, Iowa 52240

PROJECT NO. 18.112

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SHEET NAME

PROJECT 2

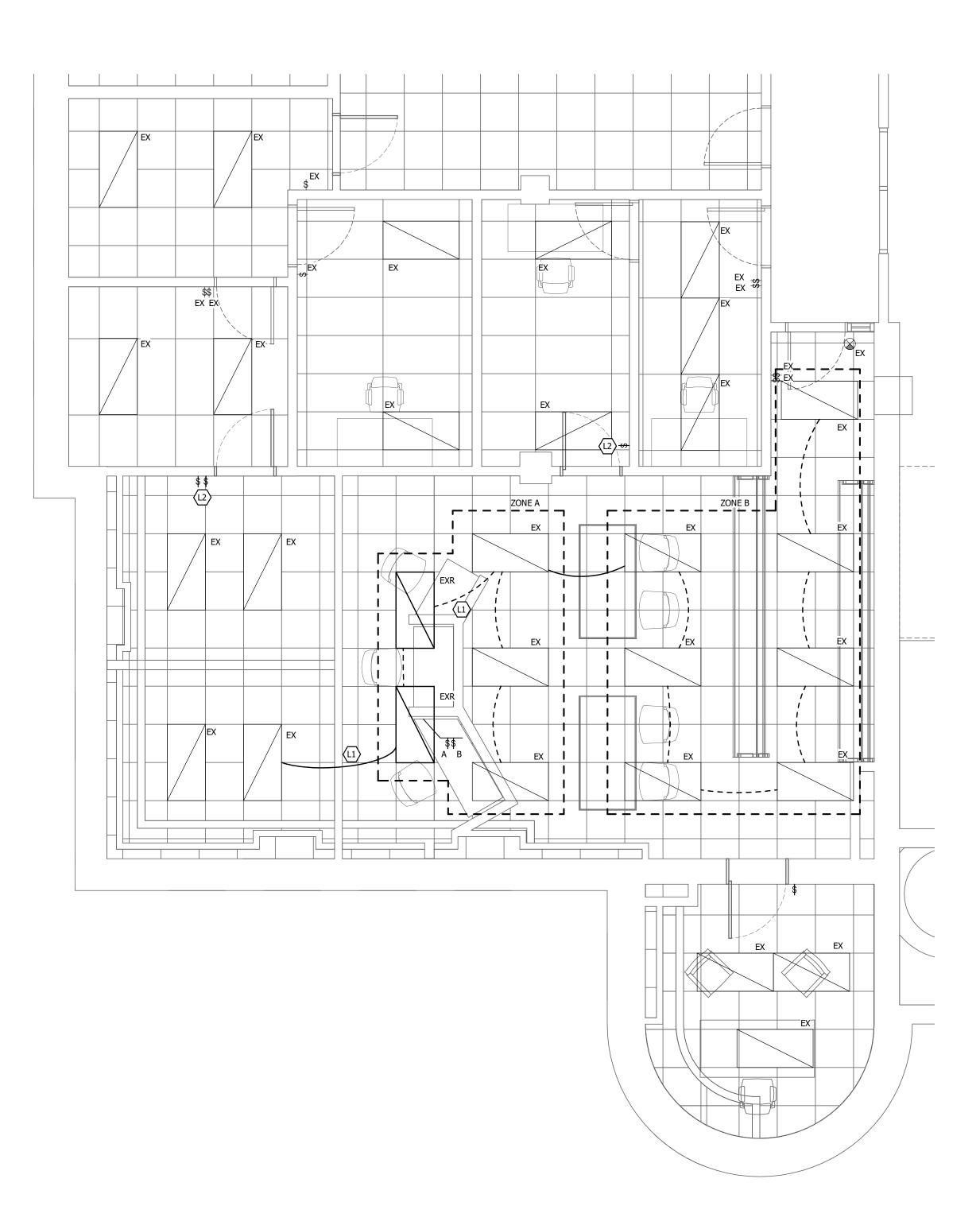
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COUNTY

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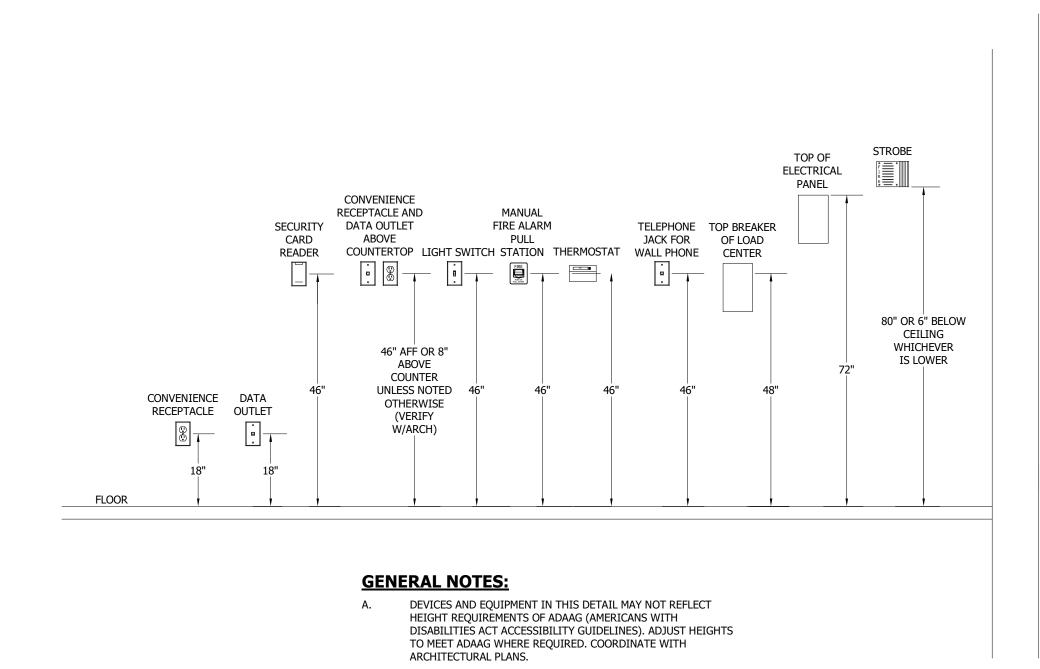
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E-101.2

N 1 LEVEL 1 LIGHTING PLAN
1/4" = 1'-0"

P-3 (P-5 (Circuit Description		T				Volts: 120/208 Wye Phases: 3 Wires: 4				S.C.C.R. Rating: Mains Type: MCB Mains Rating: 225 A MCB Rating: 225 A SPD: NONE				
P-3 (P-5 (·	Туре	Trip	Poles		A		В			Poles	Trip	Туре	Circuit Description	СКТ
P-5 (SPARE	E	20 A	1	0	0					1	20 A	E	ROOM 102 OUITLETS	P-2
	OUTLETS DP	Е	20 A	1			0	0			1	20 A	Е	OUTLETS DP E. WALL	P-4
D 7 I	OUTLETS DP E. WALL	Е	20 A	1					0	0	1	20 A	Е	OUTLETS DP NORTH	P-6
r-/ I	LIGHTS DP MAIN OFFICE	Е	20 A	1	0	0					1	20 A	Е	OVER CEILING LTS	P-8
P-9 I	POP MACHINE	Е	20 A	1			0	0			1	20 A	Е	NW DP OUTLETS	P-10
P-11	SPARE	E	20 A	1					0	0	1	20 A	Е	SW OP OUTLETS/UNDE	P-12
P-13 I	ISOLATED OUTLET RM	E	20 A	1	0	0					1	20 A	Ε	ZONING OFFICE E. WALL	P-14
P-15 I	ISOLATED OUTLET RM	E	20 A	1			0	0			1	20 A	Е	ZONING OFFICE S. WALL	P-16
P-17 (CLERK OUTLETS MIDDL	E	20 A	1					0	0	1	20 A	Е	ZONING OFFICE S. WALL	P-18
P-19	ELECTION OFFICE W	E	20 A	1	0	0					1	20 A	Ε	ROOM 101 BENCH	P-20
P-21 I	LIGHTS 101, 103, 105	E	20 A	1			0	0			1	20 A	Ε	ROOM 101 FLOOR BOX	P-22
P-23 I	LARGE ROOM OUTLETS	E	20 A	1					0	0	1	20 A	Е	SPARE TO ROOM 101	P-24
P-25	ROOM 105 OUTLETS	E	20 A	1	0	0					1	20 A	Е	ROOM 103 OUTLETS	P-26
P-27 .	JUDGE'S BENCH		20 A	1			900	0			1	20 A		CONNECTRAC	P-28
P-29	SPACE			1							1			SPACE	P-30
P-31	SPACE			1							1			SPACE	P-32
P-33	SPACE			1							1			SPACE	P-34
P-35	SPACE			1							1			SPACE	P-36
P-37	SPACE			1							1			SPACE	P-38
P-39	SPACE			1							1	-		SPACE	P-40
P-41	SPACE			1							1			SPACE	P-42
Type Legendy					0 VA 900 VA 0 A 8 A										
	L G=GFI M=MOTORIZED E	E=EXIST									ı				
Load Classification Other Power		Со	Connected Load			Demand Factor		Estimated Demand					Panel Totals		
			0 VA 900 VA			0.00%		0 VA				F-4-1 C	1 l		
					10	100.00%		900 VA		Total Conn. Load: 0.9 kVA Total Est. Demand: 0.9 kVA					
															1
											To			n. Current: 2 A	
											10	iai ESi.	Deiliali	u Guileiit. Z A	



EXTERIOR

TYPICAL DEVICE ELEVATION DETAIL

1/8" = 1'-0"

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PROJECT NAME **JOHNSON** COUNTY COURTHOUSE PROJECT 2 -**TEMPORARY** COURTROOM

JOHNSON COUNTY 913 South Dubuque Street lowa City, Iowa 52240

PROJECT NO. 18.112

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SHEET NAME

PROJECT 2 **ELECTRICAL SCHEDULES AND DETAILS**

E-601.2