

ADDENDUM

PROJECT	Black Hawk County Courthouse Renovations	PROJECT #	23109
OWNER	Black Hawk County	DATE	January 19, 2024
LETTING DATE	January 29, 2024	ADDENDUM #	1

TO ALL HOLDERS OF DRAWINGS AND PROJECT MANUALS

This addendum is issued to incorporate the following changes in the drawings and project manual. For bids to be considered, this addendum must be acknowledged by so indicating on the Form of Bid.

Bidders shall make the following corrections or additions to the biddings documents. These items shall supersede, modify, and/or change all statements or drawings to the contrary in the drawings and project manual and shall take precedence over these documents. Bidders shall base their bid on the drawings and project manual and as modified by the changes herein stated.

This addendum consist of (# of pages)

Text	Supplemental Drawings	Project Manual	Total Pages
7	8.5" x 11" 30" x 42"	12	- 19

REVISIONS

1 General Items

Spec Changes

Item #	Sheet/ Section	Detail/ Paragraph	Attachment	Description of Change
1.01	n/a	n/a	Sign-in	See attached prebid sign-in sheet
1.02	n/a	n/a	n/a	Estimated construction cost is \$1,865,000
1.03	n/a	n/a	n/a	Bids will be received on Monday January 29 th at 2:00pm but will not be publicly opened until Tuesday January 30 th at the regularly scheduled Board of Supervisor meeting. Meeting starts at 9:00 and bid opening will follow shortly thereafter. You may attend in person or via Zoom call. The zoom link can be found on the agenda on their website.
1.04	n/a	n/a	n/a	Contractor will be allowed to place a dumpster on the concrete outside the 5 th street doors.
1.05	n/a	n/a	n/a	Employee background checks are not required for this project.
1.06	n/a	n/a	n/a	Standard business hours of the courthouse are 8:00am-4:30pm; Maintenance staff are available 6:30am-3:30pm. Contractors may work during these hours. Any shut down work may need to be scheduled outside of these hours.

**2 Architectural
Project Manual Changes**

Item #	Sheet/ Section	Detail/ Paragraph	Attachment	Description of Change
2.01	00 20 00	Procurement and Contracting Requirements; page 11	n/a	EDIT Sealed bid proposals must be received no later than <u>2:00 p.m. on Monday, January 29, 2024</u> at the Black Hawk County Courthouse, Building Maintenance Dept., 316 E. 5th St., Rm. B41 (basement), Waterloo, IA. Each bid is to be clearly marked on the "Form of Bid" and submitted in a sealed envelope clearly marked "Bid Proposal for Courthouse Renovations Project – Black Hawk County, IA.".
2.02	09 51 00	Acoustical Ceilings / 2.02.A.6 Products	n/a	EDIT: Armstrong World Industries, Inc; Dune 1774: www.armstrongceilings.com .
2.03	10 14 00	Signage	n/a	DELETE Interior directional and informational signs, Emergency evacuation maps & Dimensional letters from this section. Not required.

**3 Architectural
Drawing Changes**

Item #	Sheet/ Section	Detail/ Paragraph	Attachment	Description of Change
3.01	A4.01	INTERIOR ELEVATIONS	A4.01	EDIT: Coiling door detail 9/A4.01
3.02	A5.01	DETAILS	A5.01	EDIT: Elevations 7 & 8/A5.01 to add dimensions for coiling doors.
3.03	A7.01	Finish Schedule	n/a	EDIT: ACT1 style to read "Dune 1774" in lieu of Ultima 1911.

4 MEPT – see attachment with MODUS titleblock noted "Addendum #1".

5 Substitution Requests – no changes.

End of Addendum

Submitted By



Tim Turnis, AIA

Courthouse Renovations

PROJECT: Black Hawk County

PROJECT NUMBER: 23-142

DATE: January 19, 2024

NOTE *THIS ADDENDUM HAS BEEN ISSUED TO MODIFY AND/OR INTERPRET THE BIDDING DOCUMENTS, INCLUDING THE DRAWINGS AND SPECIFICATIONS. UNLESS OTHERWISE INSTRUCTED, THE INFORMATION CONTAINED ON THE ADDENDUM SHALL TAKE PRECEDENCE OVER ANYTHING CONTRARY ON THE ORIGINAL BIDDING DOCUMENTS AND SHALL BE HEREINAFTER CONSIDERED AS A PARTY OF THE BIDDING DOCUMENTS.*

SPECIFICATIONS

SECTION 23 3600 AIR TERMINAL UNITS

1. **ADD.** Part 3.01.F. "Low voltage wiring must be run in raceway in exposed locations and non-accessible ceiling and wall areas. In concealed but accessible locations, control wiring must be in cable tray where available. Where cable tray is not available, low voltage control wiring must be neatly routed parallel and perpendicular to the building lines above accessible ceilings and grouped using D-rings. Use type CL2P (plenum) cable for all wiring and cables not in enclosed raceway. No raceway may be installed in view of occupants except in mechanical and electrical utility rooms."

SECTION 26 O 50 BASIC ELECTRICAL REQUIREMENTS.

1. **DELETE** 1.03(H).
2. **ADD.** 1.28 Allowance to read "Include a \$10,000.00 allowance in the bid amount for re-supporting of existing cabling during the construction period. Changes shall be priced prior to proceeding with the work. Any amount left over at the conclusion of the project shall be deducted from the contractor's last payment application."

SECTION 26 O 43 DIGITAL LIGHTING CONTROL SYSTEMS

1. **CLARIFY.** Existing lighting control system is nLight. Provide nLight equivalents to the Sensorswitch devices called out for in this section.

SECTION 27 O 50 BASIC COMMUNICATION REQUIREMENTS.

1. **DELETE** 1.04(H).

SECTION 28 O 50 BASIC ELECTRONIC SAFETY AND SECURITY REQUIREMENTS.

1. **DELETE** 1.03(H).

SECTION 28 31 00 FIRE DETECTION AND ALARM (EXISTING/REMODELING)

1. **CLARIFY.** Fire Alarm work indicated in this specification section and on the drawings is for reference only. New fire alarm work is to be done by owner's fire alarm contractor as a separate project. Electrical contractor is responsible for protecting the existing devices only and coordinating with the owner's fire alarm contractor during the construction process.

PLANS

SHEET M50 I MECHANICAL SCHEDULES

1. Plumbing Fixture Schedule
 - A. **ADD.** Murdock for approved equals on EWC-1.
2. Plumbing Fixture Trim Schedule
 - A. **REVISE.** Approved equals for WCFV-1 shall read, 'Sloan' in lieu of 'Zurn'.

SHEET ED I .O I BASEMENT ELECTRICAL DEMOLITION PLAN

1. **REVISE.** Existing 2x2 and 2x4 lighting that meets the owner's standard Lithonia troffers are to be salvaged and reused. Refer to reissued sheets for more information and revised referenced notes.

SHEET ED 1.1 | FIRST FLOOR ELECTRICAL DEMOLITION PLAN

1. **REVISE.** Existing 2x2 and 2x4 lighting that meets the owner's standard Lithonia troffers are to be salvaged and reused. Refer to reissued sheets for more information and revised referenced notes.
2. **REVISE** outlet shown on column near panel L-8 shall to be tagged ER in lieu of EX.

SHEET ED 1.2 | SECOND FLOOR ELECTRICAL DEMOLITION PLAN

1. **REVISE.** Existing 2x2 and 2x4 lighting that meets the owner's standard Lithonia troffers are to be salvaged and reused. Refer to reissued sheets for more information and revised referenced notes.

SHEET E1.01 | BASEMENT ELECTRICAL PLAN

1. Basement Electrical Plan - Office Specialists
 - A. **ADD.** Two Quad receptacles serving new IT Rack location. Circuit quad receptacles to a new 20A-1P breaker in panel L-3.
2. Basement Electrical Plan – Attorney Admin
 - A. **CLARIFY.** Show location of existing panel.

SHEET E2.01 | BASEMENT LIGHTING PLAN

1. **REVISE.** Revise lighting layout and quantities to account for existing to be reused fixtures.

SHEET E2.02 | FIRST FLOOR LIGHTING PLAN

1. **REVISE.** Revise lighting layout and quantities to account for existing to be reused fixtures.

SHEET E2.03 | SECOND FLOOR LIGHTING PLAN

1. **REVISE.** Revise lighting layout and quantities to account for existing to be reused fixtures.

SHEET E6.1 | ELECTRICAL SCHEDULES

1. Lighting Fixture Schedule (Applicable to all types)
 - A. **REVISE.** BABAA compliancy is not required. Fixture just needs to be indicated as Made in America.
2. Lighting Fixture Schedule – Type EA & EB
 - A. **ADD.** Lithonia lighting as an engineer approved equal.

SHEET TI.01 | BASEMENT LOW VOLTAGE PLAN

1. **CLARIFY.** Fire Alarm work indicated on the drawings is for reference only. New fire alarm work is to be done by owner's fire alarm contractor as a separate project. Electrical contractor is responsible for protecting the existing devices only and coordinating with the owner's fire alarm contractor during the construction process.
2. Conference 080B
 - A. **ADD.** WAP location and reference note 2.
3. Circulation 026
 - A. **ADD.** WAP location and reference note 2.
4. Clerks of Courts Storage
 - A. **ADD.** Owner provided network panel.
5. Office Specialists 053
 - A. **ADD.** Owner provided rack, TGB, and reference note 4.

SHEET TI.1 | 1ST FLOOR LOW VOLTAGE

1. **CLARIFY.** Fire Alarm work indicated on the drawings is for reference only. New fire alarm work is to be done by owner's fire alarm contractor as a separate project. Electrical contractor is responsible for protecting the existing devices only and coordinating with the owner's fire alarm contractor during the construction process.
2. Treas. Work Stations
 - A. **REVISE.** WAP location and associated reference note 2.
3. Trans 101
 - A. **ADD.** Two (2) data locations. Refer to revised drawing for clouded location.

SHEET T1.2 | 2ND FLOOR LOW VOLTAGE PLAN

1. **CLARIFY.** Fire Alarm work indicated on the drawings is for reference only. New fire alarm work is to be done by owner's fire alarm contractor as a separate project. Electrical contractor is responsible for protecting the existing devices only and coordinating with the owner's fire alarm contractor during the construction process.
2. Elections Work 230
 - A. **REVISE.** Two (2) WAP locations and associated reference note 2.

VENDOR APPROVALS

NO VENDOR APPROVALS ARE INCLUDED IN THIS ADDENDUM.

ATTACHMENTS

SHEET ED1.01 BASEMENT ELECTRICAL DEMOLITION PLAN... (30 x 42)

SHEET ED1.11 FIRST FLOOR ELECTRICAL DEMOLITION PLAN... (30 x 42)

SHEET ED1.21 SECOND FLOOR ELECTRICAL DEMOLITION PLAN... (30 x 42)

SHEET E1.01 BASEMENT ELECTRICAL PLAN... (30 x 42)

SHEET E2.01 BASEMENT LIGHTING PLAN... (30 x 42)

SHEET E2.02 FIRST FLOOR LIGHTING PLAN... (30 x 42)

SHEET E2.03 SECOND FLOOR LIGHTING PLAN... (30 x 42)

SHEET T1.01 BASEMENT LOW VOLTAGE PLAN... (30 x 42)

SHEET T1.11 1ST FLOOR LOW VOLTAGE... (30 x 42)

SHEET T1.21 2ND FLOOR LOW VOLTAGE PLAN... (30 x 42)

TOTAL PAGES... . 13

SIGN-IN SHEET

PROJECT	BHC Courthouse Renovations	PROJECT #	23109
OWNER	Black Hawk County	DATE	1.15.2024
MEETING #	n/a	LOCATION	BHC Courthouse
SUBJECT	Prebid Mtg		

ATTENDEES

P	NAME	REPRESENTING	EMAIL/CONTACT INFO
<input checked="" type="checkbox"/>	Tim Turnis	INVISION	tmt@invisionarch.com
<input checked="" type="checkbox"/>	Angie Nees (main contact)	INVISION	angien@invisionarch.com
<input checked="" type="checkbox"/>	Maggie Talbott-Malone	INVISION	maggiem@invisionarch.com
<input checked="" type="checkbox"/>	Jake Connor	MODUS	jconnor@modus-eng.com
<input checked="" type="checkbox"/>	David Jordan	MODUS	djordan@modus-eng.com
<input checked="" type="checkbox"/>	Aaron Oltmann	MODUS	aoltmann@modus-eng.com
<input checked="" type="checkbox"/>	Rory Geving	Black Hawk County	rgeving@blackhawkcounty.iowa.gov
<input checked="" type="checkbox"/>	Carol Cornelius	Black Hawk County	ccornelius@blackhawkcounty.iowa.gov
<input type="checkbox"/>	Logen Conary	- Cardinal Construction	lconary@CardinalConst.com
<input type="checkbox"/>	DARRIN GILLET	- PETERS construction	dgillet@peters.build
<input type="checkbox"/>	Tim Jones	Anix'son c/s	time@anixsonceilings.com
<input type="checkbox"/>	Ryan Hendershot	Henningson Electric	ryanh@henningsonelectric.com
<input type="checkbox"/>	Jeff Koch	- N.B. Koch G.C.	nakoch0323@gmail.com
<input type="checkbox"/>	Brian DeVries	Ktw	bdevries@k-wellectric.com
<input type="checkbox"/>	Rob Chiappone	Young PTC	rob@youngptc.com
<input type="checkbox"/>	Ross Samel	Hawkeye Alum	Ross@hawkeyealum.com
<input type="checkbox"/>	Austin Jackson	Iowa Wall Systems	Austin@iowawallsystems.com
<input type="checkbox"/>	Mike Peters	Sieben Elec	siebenelec@siebenelectric.com
<input type="checkbox"/>	Nate Hulden	- Woodliff (const)	natch@woodliff.build
<input type="checkbox"/>	Brock Lukefahr	- Larson Construction	bids@larsonconst.com
	Joe Tripp-Ricks	FaIor Hurley	jtrippricks@faIorhurley.com

REVISIONS:	
ADD 1	Date 01.19.2024 No. 1

OWNER SIGN-OFF:
DATE _____
NAME _____

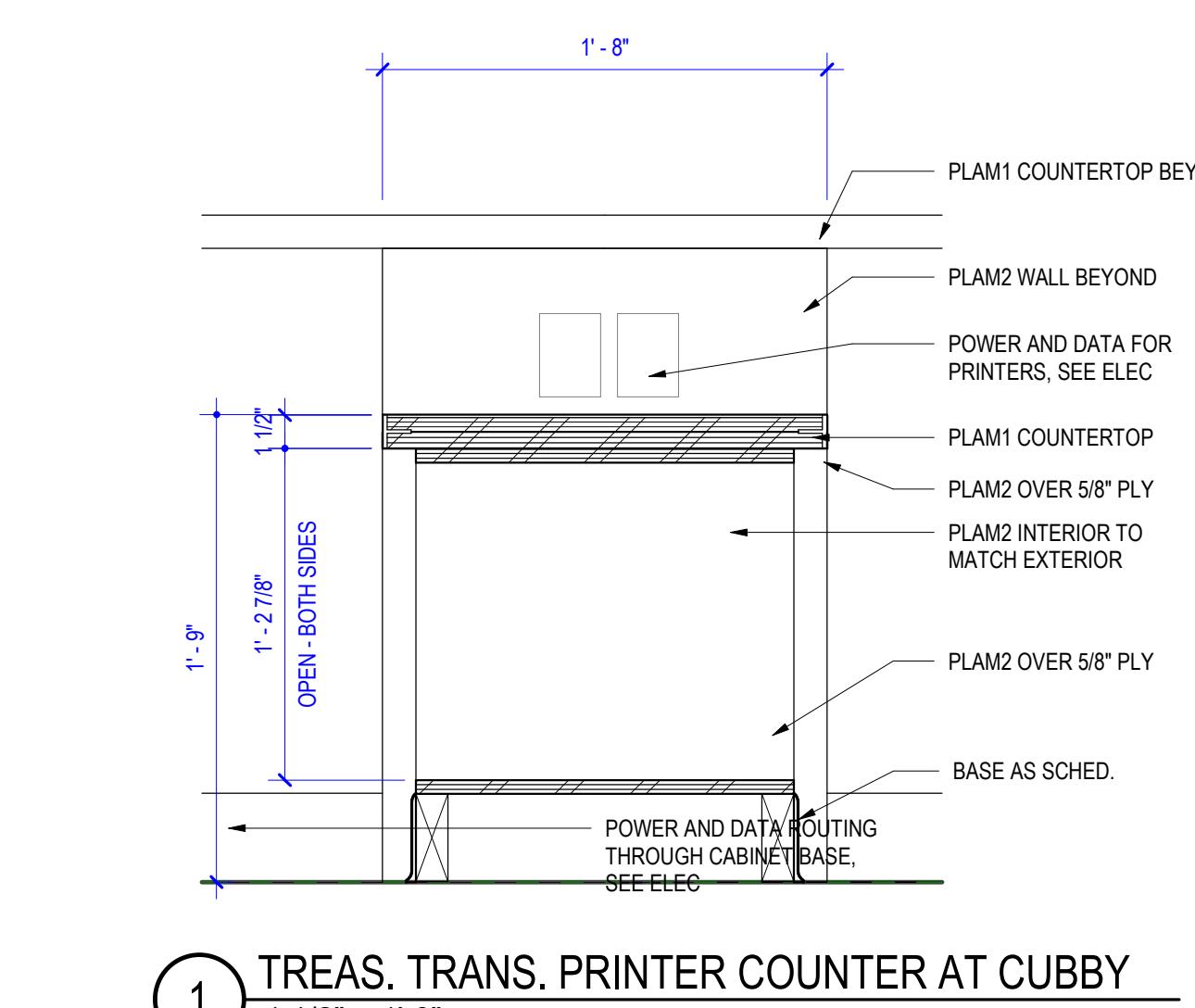
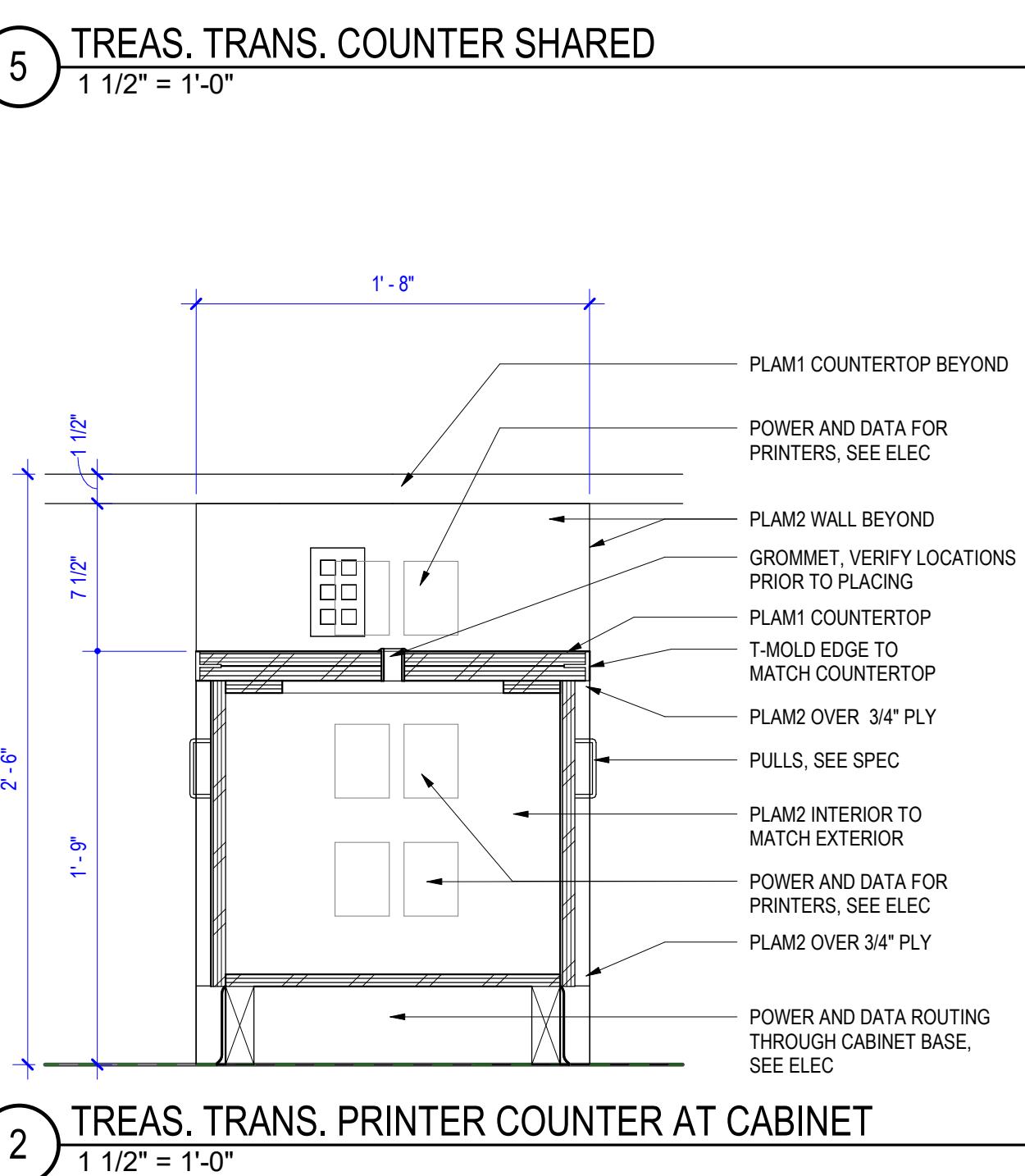
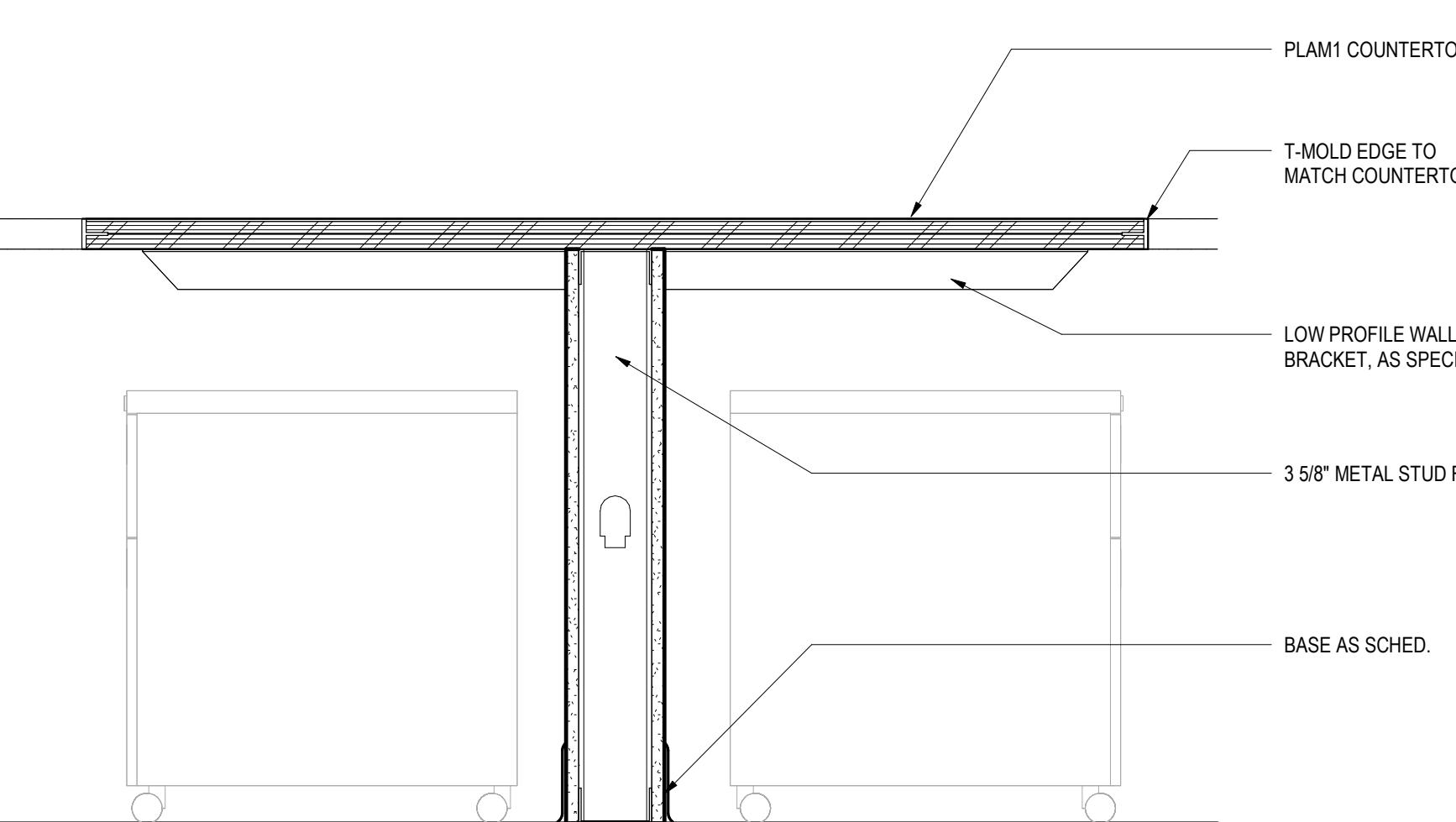
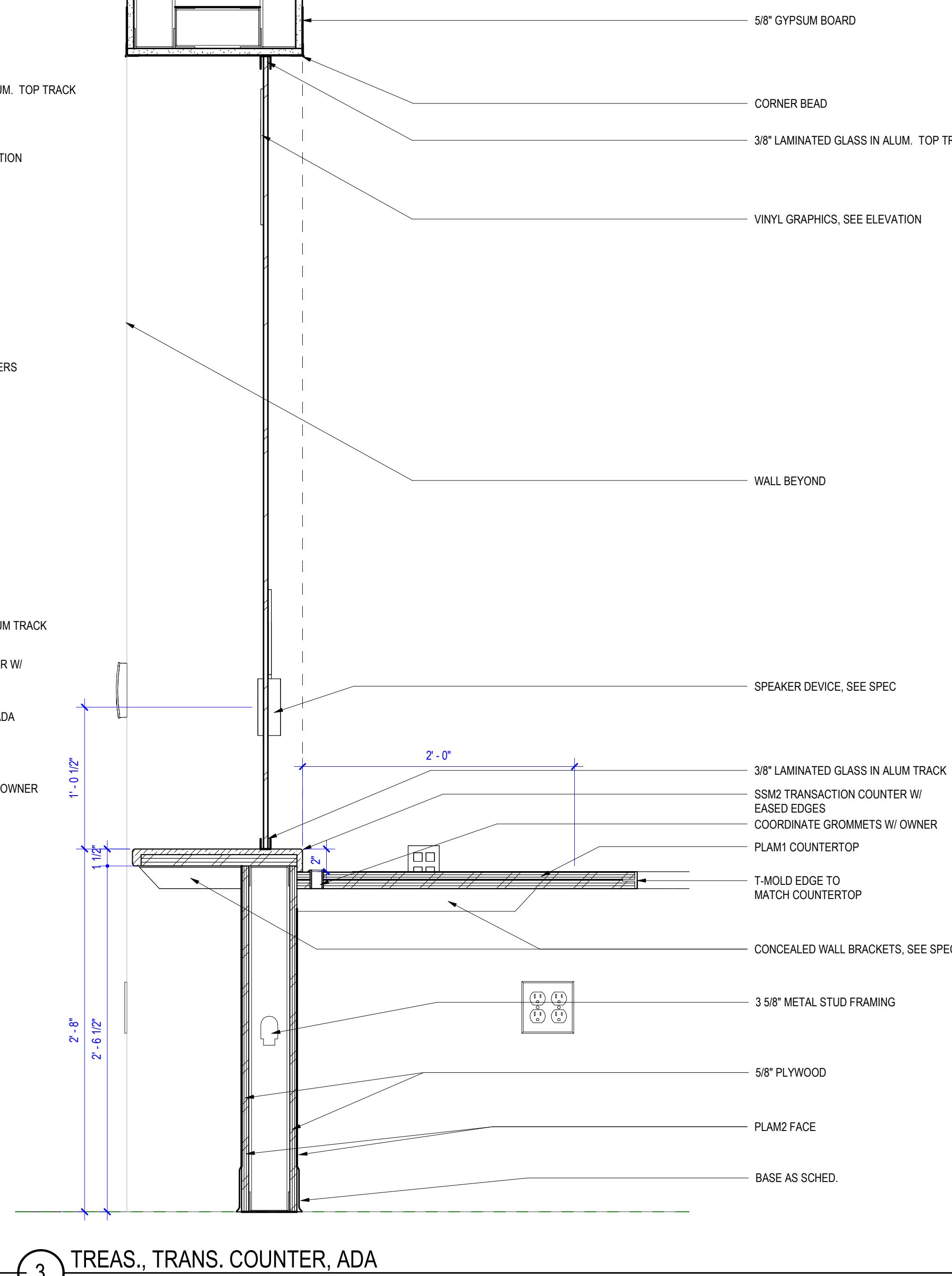
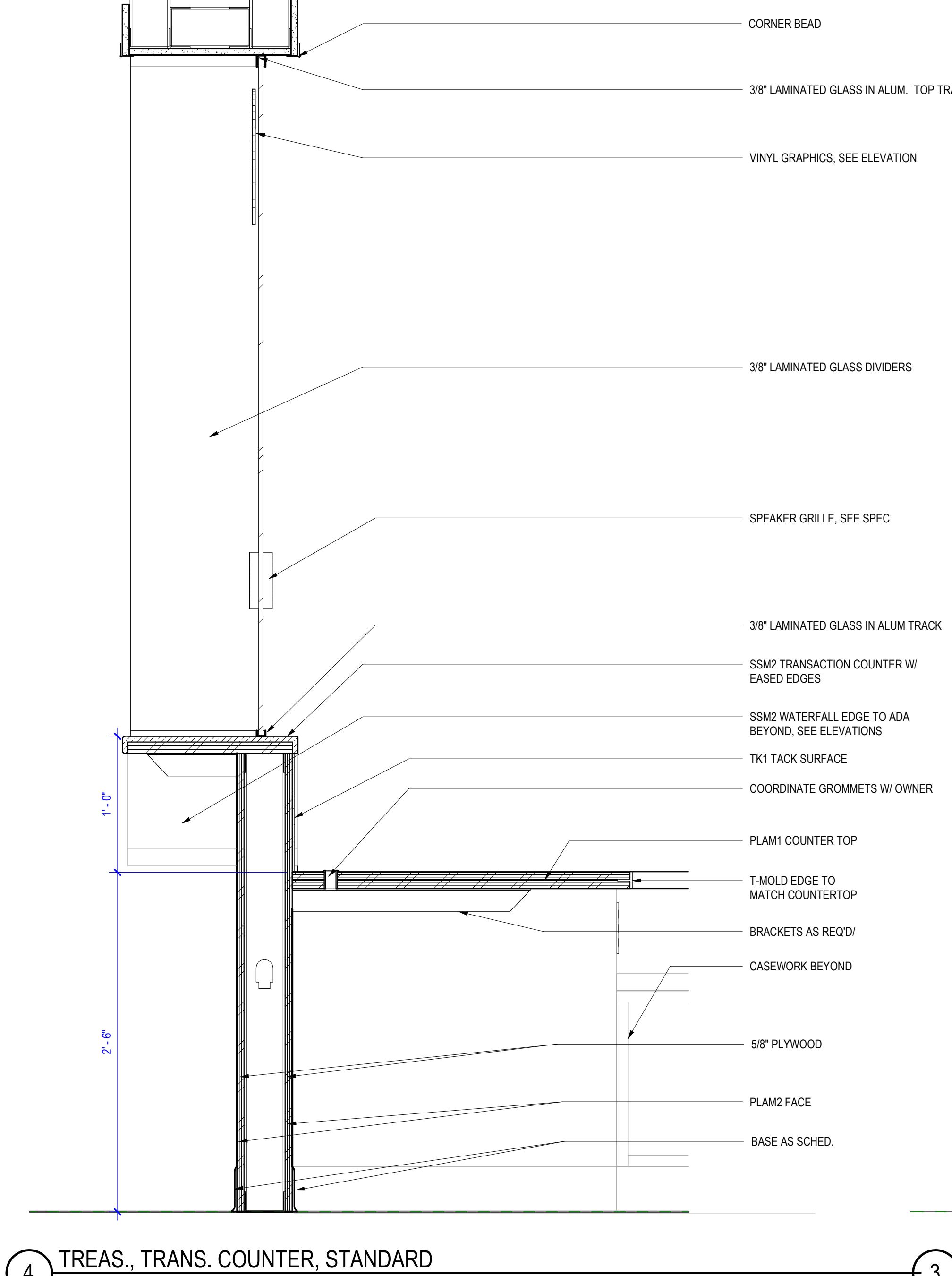
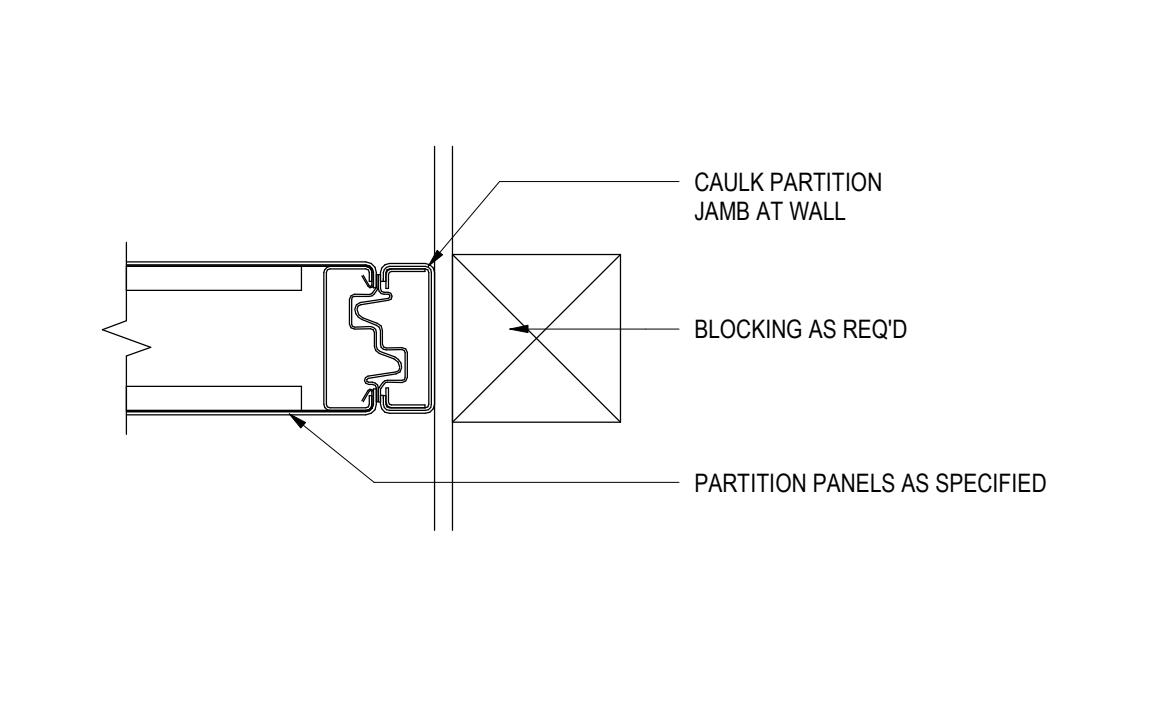
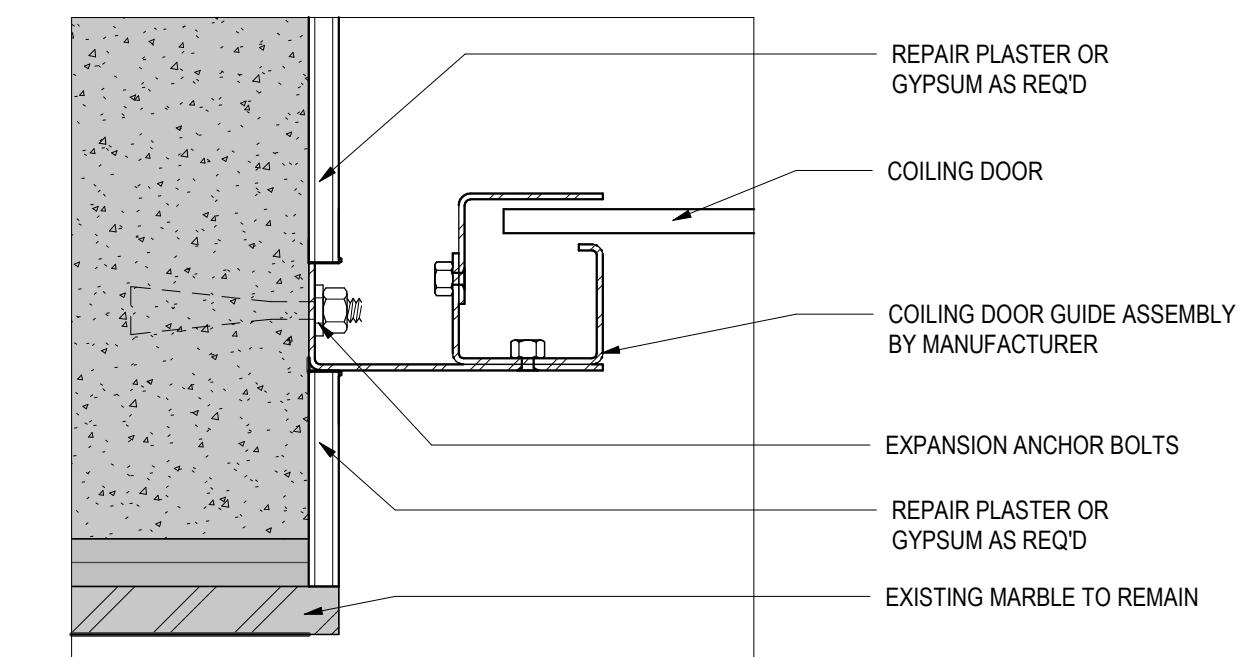
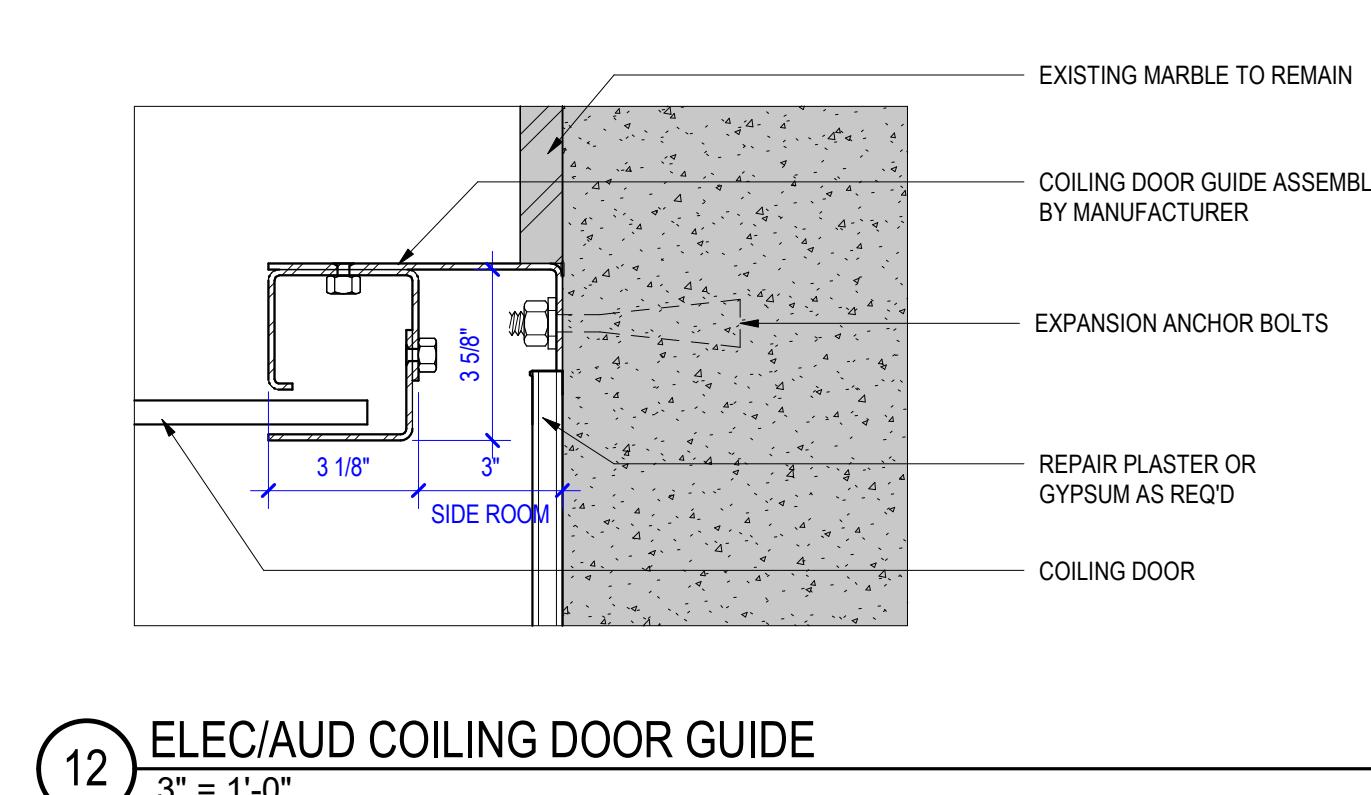
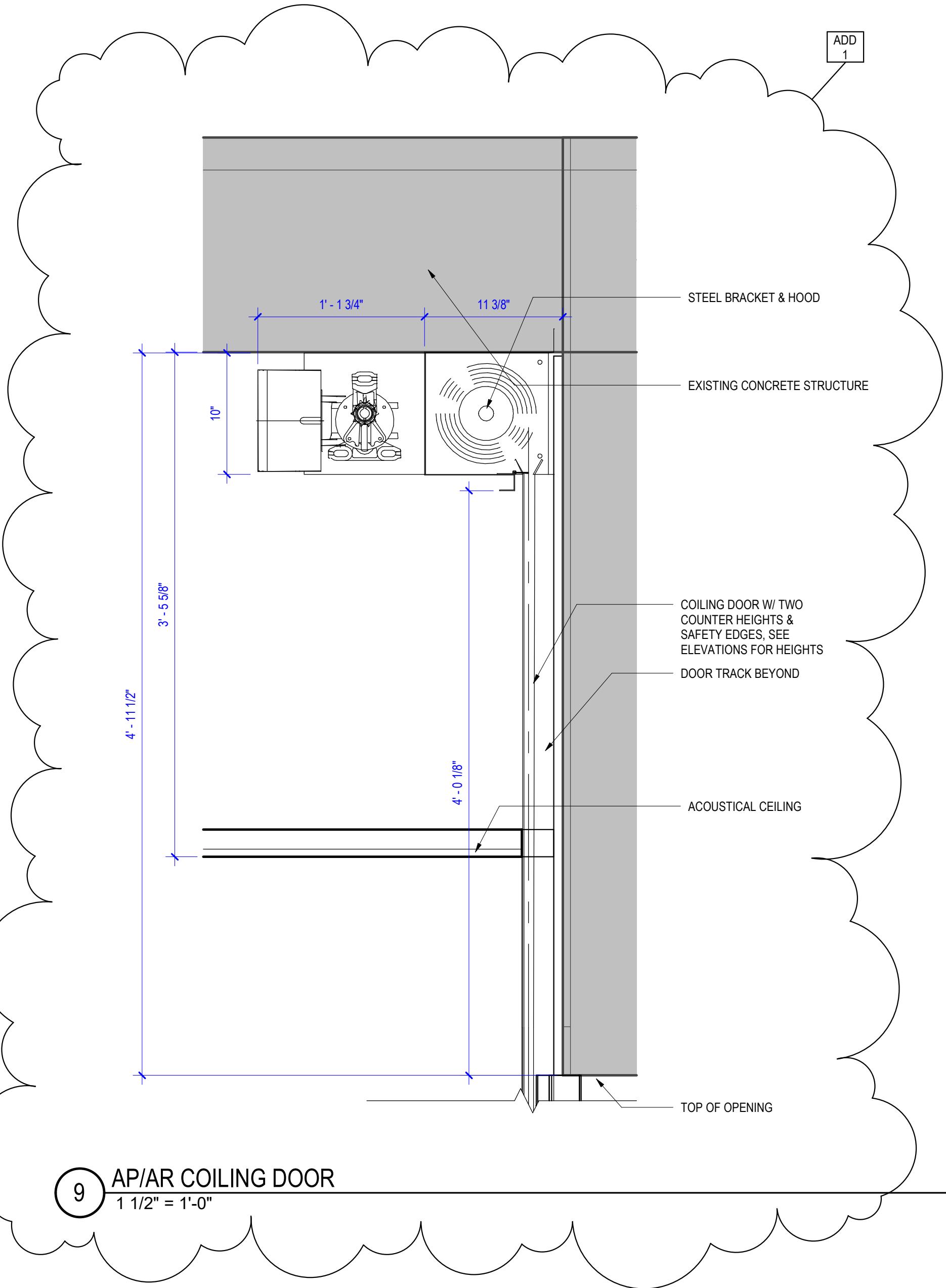
COURTHOUSE RENOVATIONS

316 E 5th Street, Waterloo, IA 50703

BLACK HAWK COUNTY
PROJECT NO: 23109
DATE: JANUARY 4, 2024
SHEET SET: BID DOCUMENTS

SHEET NAME: DETAILS

SHEET: A5.01
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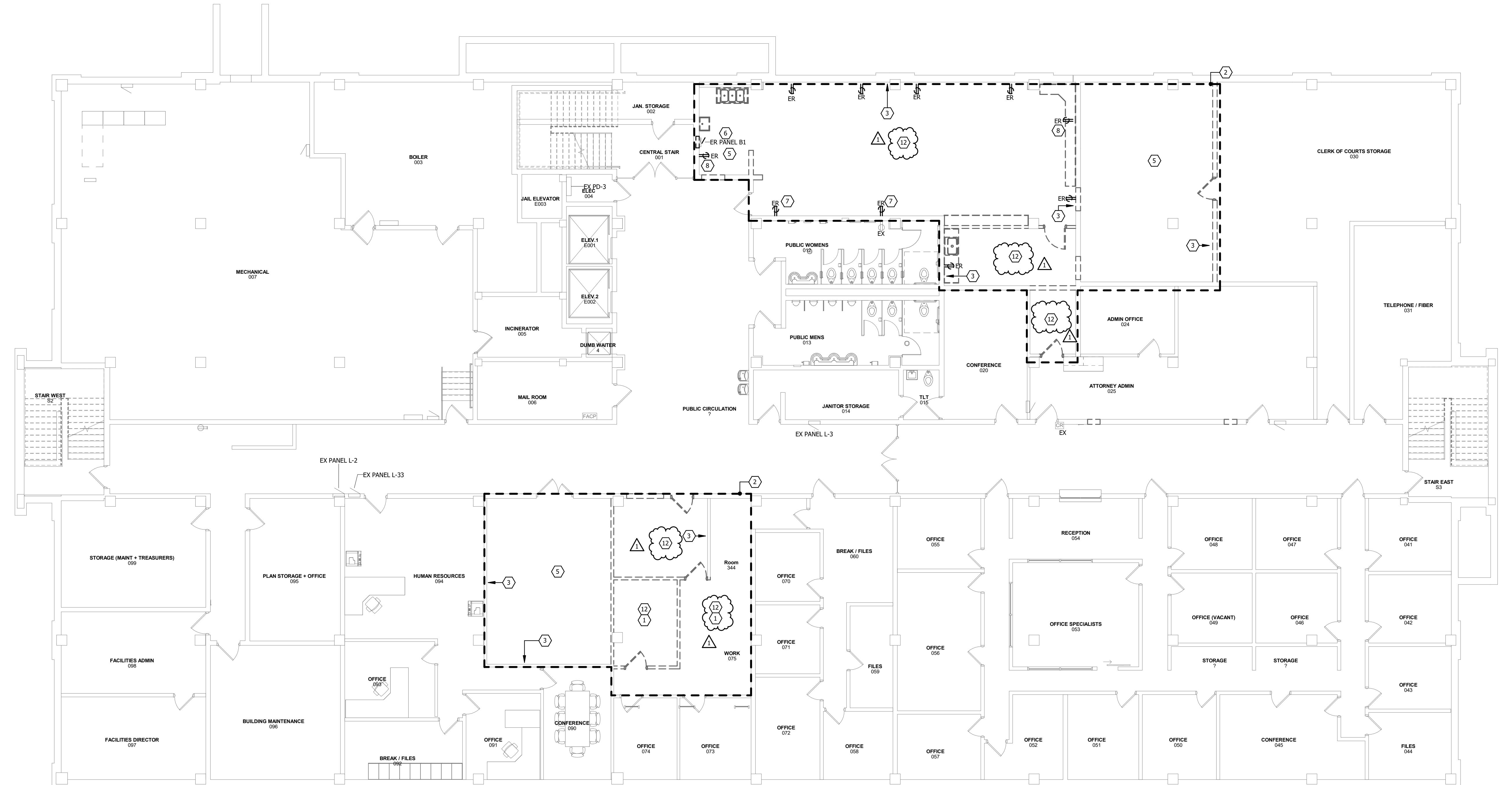
DEMOLITION GENERAL NOTES:

- A. REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWINGS SET REGARDING ALTERNATES ON THE PROJECT.
- B. REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWING SET FOR SPECIFIC PHASING REQUIREMENTS.
- C. DEMOLITION DRAWINGS ARE BASED ON EXISTING AVAILABLE DRAWINGS AND CASUAL FIELD OBSERVATION. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY SITE AND INCLUDE ALL REQUIRED DEMOLITION IN THE BID.
- D. ALL REQUIRED DEMOLITION IS NOT INDICATED. IT IS THE INTENT OF THESE DOCUMENTS THAT ALL MECHANICAL AND ELECTRICAL SYSTEMS (NOT TO BE REMOVED OR EXTENDED) BE REMOVED. COORDINATE WITH ARCHITECTURAL DRAWINGS.
- E. REFER TO SPECIFICATIONS AND OTHER SHEETS FOR ADDITIONAL DEMOLITION REQUIREMENTS.
- F. REMOVE ALL ELECTRICAL CONNECTIONS, WIRING, AND CONDUIT SERVING ALL MECHANICAL EQUIPMENT TO BE REMOVED.
- G. MAINTAIN FIRE RATINGS OF AFFECTED WALLS AND FLOORS.
- H. EXISTING ELECTRICAL SYSTEMS LOCATED IN WALLS AND CHASES NOT BEING REMOVED SHALL BE MAINTAINED. EXISTING CONDUIT AND CABLES SHALL BE CAP AT MADS OR IN A CONCEALED LOCATION IF REQUIRED.
- I. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS ON FLOOR CUTTING AND CEILING REMOVAL. CONTRACTOR SHALL COORDINATE WORK TO BE CONSISTENT WITH SCOPE OF GENERAL CONTRACTOR'S DEMOLITION.
- J. EXTERIOR FREE-STANDING ELECTRICAL AND MECHANICAL DEVICES NOT BEING REUSED SHALL BE REMOVED UNDER BASE BID UNLESS OTHERWISE NOTED. PATCH OPENING TO MATCH SURROUNDING SURFACES.
- K. ELECTRICAL CONTRACTOR SHALL REUSE ALL DEVICES/ EQUIPMENT FLUSH IN EXISTING WALLS AND CUT AND PATCH TO MATCH EXISTING. COORDINATE WITH GENERAL CONTRACTOR.

DEMOLITION REFERENCED NOTES:

(NOT ALL NOTES MAY BE APPLICABLE TO THIS SHEET)

- 1. REMOVE ALL LIGHTING, RECEPTACLES AND OTHER ELECTRICAL DEVICES REMOVED NOT OTHERWISE INDICATED OR NECESSARY FOR THE OPERATION OF DEVICES OUTSIDE THE SCOPE OF REMODELING. REMOVE ASSOCIATED CONDUCTORS AND RACEWAY COMPLETELY.
- 2. DASHED LINES ARE INDICATING RENOVATION AREA. AREAS OUTSIDE OF DASH LINES ARE TO REMAIN EXISTING UNLESS OTHERWISE INDICATED OR REQUIRED TO SERVE DEVICES LOCATED IN RENOVATION AREA.
- 3. REMOVE ALL WALL DEVICES INCLUDING THOSE INDICATED AND ASSOCIATED CONDUCTORS AND RACEWAY.
- 4. LIGHTING AND CONTROLS IN THIS AREA TO REMAIN. REMOVE AND REINSTALL LIGHTING AS REQUIRED TO ACCOMMODATE ARCHITECTURAL CHANGES.
- 5. REMOVE ALL LIGHTING AND CONTROLS IN THIS AREA. REFER TO LIGHTING PLAN FOR PLAN FOR NEW LIGHTING CONTROLS AND DEMO CONTROLS IF REQUIRED.
- 6. ELECTRICAL PANEL SHALL BE REMOVED AND CIRCUITS TO REMAIN SHALL BE INTERCEPTED, SPLICED AND REFERRED TO NEW PANEL LOCATION. REFER TO ELECTRICAL PLANS FOR NEW LOCATION OF PANEL, CIRCUIT SPlicing AND ASSEMBLY REQUIREMENTS.
 - PANEL B1 CIRCUITS FED TO NEW PANEL B1 LOCATION
 - PANEL L5 AND L6 CIRCUITS SHALL BE FED TO NEW PANEL L5 LOCATION
 - PANEL L8 CIRCUITS SHALL BE FED TO NEW PANEL L8 LOCATION
 - PANEL L18 CIRCUITS SHALL BE FED TO NEW PANEL L18
 - PANEL L19 CIRCUITS SHALL BE FED TO NEW PANEL L19
- 7. REMOVE EXISTING DEVICE AND ASSOCIATED CONDUCTORS COMPLETELY. EXISTING CONDUIT AND BACKBOX MAY BE REUSED WHERE IN GOOD CONDITION. PULL NEW WIRE AND REGROUP RECEPTACLES AS INDICATED.
- 8. REMOVE WALL DEVICE AND ASSOCIATED CONDUCTORS AND RACEWAY COMPLETELY. DEVICES REMOVED IN EXISTING BLOCK WALL SHALL BE PROVIDED WITH BLADE COVERPLATE.
- 9. ELECTRICAL CONTRACTOR SHALL REMOVE ALL CONDUCTORS SERVING IN- FLOOR RACEWAY/FLOORBOXES AND EXISTING FLOOR BOXES COMPLETELY. EXISTING FLOOR BOXES SHALL BE REMOVED AND RELOCATED COMPLETELY WHERE IT DOES NOT CONFLICT WITH NEW CONSTRUCTION. FLOORBOXES SHALL BE PATCHED COMPLETELY. COORDINATE WITH GENERAL CONTRACTOR.
- 10. ELECTRICAL CONTRACTOR SHALL REMOVE POWER POLE AND ALL ASSOCIATED CONDUCTORS AND RACEWAY COMPLETELY.
- 11. NO WORK IN RESTROOMS UNDER BASE BID. RESTROOMS WORK UNDER ALTERNATE BID #1 ONLY.
- 12. CONTRACTOR SHALL SALVAGE AND SAFELY STORE EXISTING 2' X 4' FRAMES, CONDUIT, BACKBOXES, AND GOOD CONDUIT AND REINSTALL THEM IN NEW LOCATIONS SHOWN ON LIGHTING PLAN AND TAGGED EXR. COORDINATE QUANTITY OF FIXTURES TO SALVAGE PRIOR TO CONSTRUCTION. CLEAN FIXTURES PRIOR TO REINSTALLATION.

REVISIONS:
Description Date No.
ADD # 1/19/2024 1OWNER SIGN-OFF:
DATE _____
NAME _____

① BASEMENT POWER DEMOLITION PLAN

BLACK HAWK COUNTY
COURTHOUSE RENOVATIONS
316 E 5th Street, Waterloo, IA 50703PROJECT NO:
23109DATE:
JANUARY 4, 2024
SHEET SET:
BID DOCUMENTSSHEET NAME:
BASEMENT ELECTRICAL
DEMOLITION PLANSHEET:
ED1.01
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MOLITION GENERAL NOTES:

REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWINGS SET REGARDING ALTERNATES ON THE PROJECT.

REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWING SET FOR SPECIFIC PHASING REQUIREMENTS.

DEMOLITION DRAWINGS ARE BASED ON EXISTING AVAILABLE DRAWINGS AND CASUAL FIELD OBSERVATION. ELECTRICAL CONTRACTORS SHALL FIELD VERIFY THE SITE AND INCLUDE ALL REQUIRED DEMOLITION IN THE BID.

ALL REQUIRED DEMOLITION IS NOT INDICATED. IT IS THE INTENT OF THESE DOCUMENTS THAT ALL MECHANICAL AND ELECTRICAL SYSTEMS (NOT TO BE REUSED OR EXTENDED) BE REMOVED. COORDINATE WITH ARCHITECTURAL DRAWINGS.

REFER TO SPECIFICATIONS AND OTHER SHEETS FOR ADDITIONAL DEMOLITION REQUIREMENTS.

REMOVE ALL ELECTRICAL CONNECTIONS, WIRING, AND CONDUIT SERVING ALL MECHANICAL EQUIPMENT TO BE REMOVED.

MAINTAIN FIRE RATINGS OF AFFECTED WALLS AND FLOORS.

EXISTING ELECTRICAL SYSTEMS LOCATED IN WALLS AND CHASES NOT BEING REMOVED OR REUSED FOR NEW SYSTEMS MAY BE ABANDONED IN PLACE. CAP AT MAINS OR IN A CONCEALED LOCATION IF REQUIRED.

REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS ON FLOOR CUTTING AND CEILING REMOVAL. CONTRACTOR SHALL COORDINATE WORK TO BE CONSISTENT WITH SCOPE OF GENERAL CONTRACTOR'S DEMOLITION.

EXTERIOR FREE-STANDING ELECTRICAL AND MECHANICAL DEVICES NOT BEING REUSED SHALL BE REMOVED UNDER BASE BID UNLESS OTHERWISE NOTED. PATCH OPENING TO MATCH SURROUNDING SURFACES.

ELECTRICAL CONTRACTOR SHALL RECESS ALL DEVICES/ EQUIPMENT FLUSH IN EXISTING WALLS AND CUT AND PATCH TO MATCH EXISTING. COORDINATE WITH GENERAL CONTRACTOR.

MOLITION REFERENCED NOTES: #

REMOVE ALL LIGHTING, RECEPTACLES AND OTHER ELECTRICAL DEVICES UNLESS NOTED OTHERWISE OR NECESSARY FOR THE OPERATION OF DEVICES OUTSIDE THE SCOPE OF REMODELING. REMOVE ASSOCIATED CONDUCTORS AND RACEWAY COMPLETELY.

DASHED LINES ARE INDICATING RENOVATION AREA. AREAS OUTSIDE OF DASH LINES ARE TO REMAIN EXISTING UNLESS OTHERWISE INDICATED OR REQUIRED TO SERVE DEVICES LOCATED IN RENOVATION AREA.

REMOVE ALL WALL DEVICES INCLUDING THOSE INDICATED AND ASSOCIATED CONDUCTORS AND RACEWAY.

LIGHTING AND CONTROLS IN THIS AREA TO REMAIN. REMOVE AND REINSTALL LIGHTING AS REQUIRED TO ACCOMMODATE ARCHITECTURAL AND MECHANICAL WORK.

REMOVE ALL LIGHTING AND CONTROLS IN THIS AREA. REFER TO LIGHTING PLAN FOR PLAN FOR NEW LIGHTING CONTROLS AND DEMO CONTROLS IF REQUIRED.

ELECTRICAL PANEL SHALL BE REMOVED AND CIRCUITS TO REMAIN SHALL BE INTERCEPTED, SPLICED AND REFERRED TO NEW PANEL LOCATION. REFER TO ELECTRICAL PLANS FOR NEW LOCATION OF PANEL. CIRCUIT SPLICING SHALL BE AS FOLLOWS...

- PANEL B1 CIRCUITS FED TO NEW PANEL B1 LOCATION
- PANEL L5 AND L6 CIRCUITS SHALL BE FED TO NEW PANEL L5 LOCATION
- PANEL L7 AND L8 CIRCUITS SHALL BE FED TO NEW PANEL L8 LOCATION
- PANEL L18 CIRCUITS SHALL BE FED TO NEW PANEL L18
- PANEL L19 CIRCUITS SHALL BE FED TO NEW PANEL L19

REMOVE EXISTING DEVICE AND ASSOCIATED CONDUCTORS COMPLETELY. EXISTING CONDUIT AND BACKBOX MAY BE REUSED WHERE IN GOOD CONDITION AND MEETS CURRENT CODES. PULL NEW WIRE AND REGROUP RECEPTACLES AS INDICATED.

REMOVE WALL DEVICE AND ASSOCIATED CONDUCTORS AND RACEWAY COMPLETELY. DEVICES REMOVED IN EXISTING BLOCK WALL SHALL BE PROVIDED WITH BLANK COVERPLATE.

ELECTRICAL CONTRACTOR SHALL REMOVE ALL CONDUCTORS SERVING IN-FLOOR RACEWAY/FLOORBOXES AND EXISTING FLOOR BOXES COMPLETELY. IN-FLOOR RACEWAY AND ASSOCIATED CONDUIT MAY BE ABANDONED COMPLETELY WHERE IT DOES NOT CONFLICT WITH NEW CONSTRUCTION. FLOORBOXES SHALL BE PATCHED COMPLETELY. COORDINATE WITH GENERAL CONTRACTOR.

ELECTRICAL CONTRACTOR SHALL REMOVE POWER POLE AND ALL ASSOCIATED CONDUCTORS AND RACEWAY COMPLETELY.

NO WORK IN RESTROOMS UNDER BASE BID. RESTROOMS WORK UNDER ALTERNATE BID #1 ONLY.

CONTRACTOR SHALL SALVAGE AND SAFELY STORE EXISTING 2' X 4' FIXTURES WHERE FIXTURES ARE DEEMED IN GOOD CONDITION AND REINSTALL THEM IN NEW LOCATIONS SHOWN ON THE LIGHTING PLAN AND TAGGED EXR. COORDINATE QUANTITY OF FIXTURES TO SALVAGE PRIOR TO CONSTRUCTION. CLEAN FIXTURES PRIOR TO REINSTALLATION.

REVISIONS:

Description	Date
ADD #1	1/19/2024

OWNER SIGN-OFF:
DATE _____ N _____



EXISTING PANEL L6 CIRCUITS



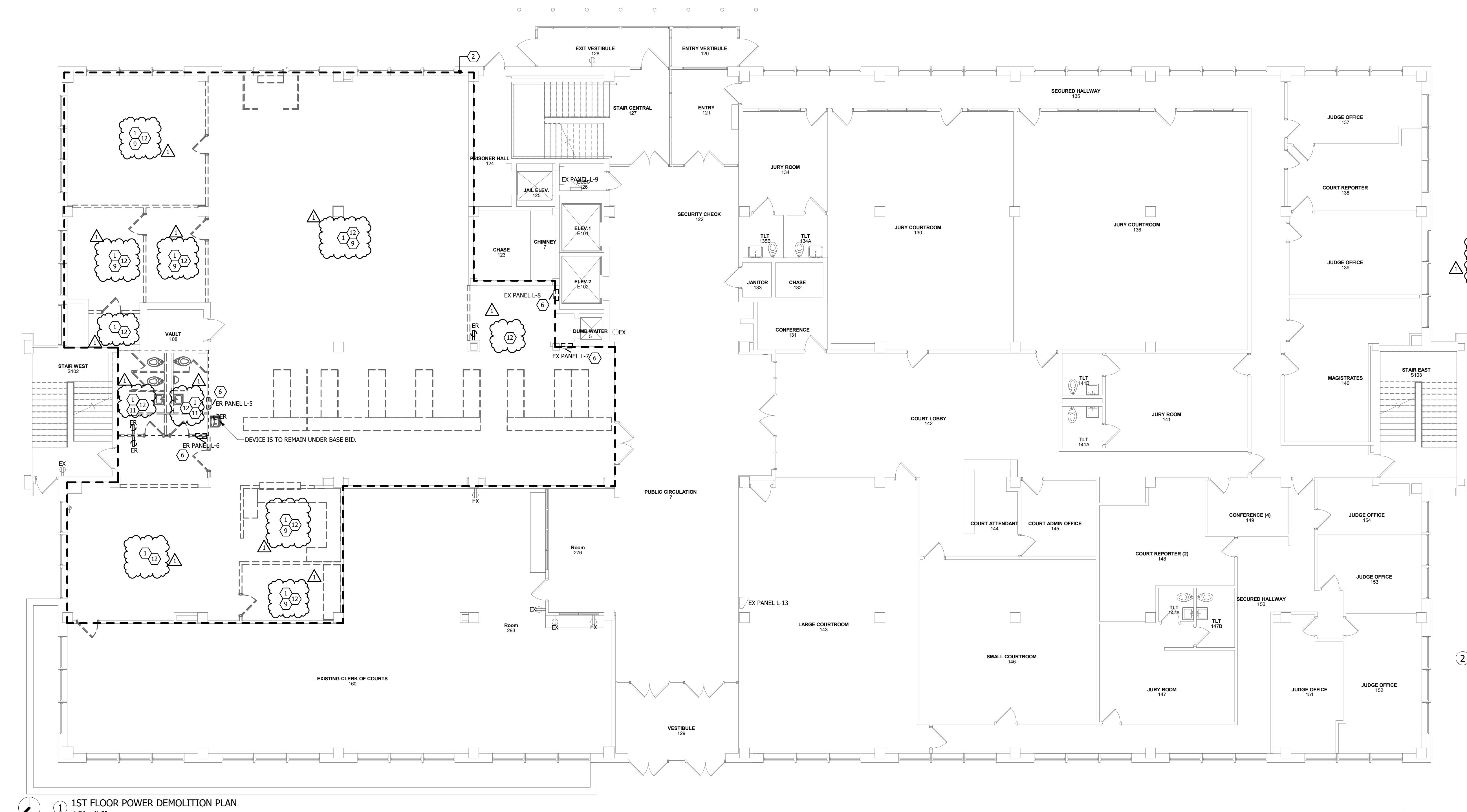
EXISTING PANEL L5 CIRCUITS TO BE REFED FROM NEW PANEL L5
LOCATION.

EXISTING PANEL L5 CIRCUITS

No Scale



EXISTING PANEL L7 CIRCUITS TO BE REFED FROM NEW PANEL L8 LOCATION



EXISTING PANEL L7 CIRCUITS TO BE REFED FROM NEW PANEL L8 LOCATED

4 EXISTING PANEL L7 CIRCUITS

No Scale

23-142 BLACK HAWK COUNTY COURTHOUSE RENOVATIONS

SOLUTION GENERAL NOTES:

REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWINGS SET REGARDING ALTERNATES ON THE PROJECT.

REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWING SET FOR SPECIFIC PHASING REQUIREMENTS.

DEMOLITION DRAWINGS ARE BASED ON EXISTING AVAILABLE DRAWINGS AND CASUAL FIELD OBSERVATION. ELECTRICAL CONTRACTORS SHALL FIELD VERIFY THE SITE AND INCLUDE ALL REQUIRED DEMOLITION IN THE BID.

ALL REQUIRED DEMOLITION IS NOT INDICATED. IT IS THE INTENT OF THESE DOCUMENTS THAT ALL MECHANICAL AND ELECTRICAL SYSTEMS (NOT TO BE REUSED OR EXTENDED) BE REMOVED. COORDINATE WITH ARCHITECTURAL DRAWINGS.

REFER TO SPECIFICATIONS AND OTHER SHEETS FOR ADDITIONAL DEMOLITION REQUIREMENTS.

REMOVE ALL ELECTRICAL CONNECTIONS, WIRING, AND CONDUIT SERVING ALL MECHANICAL EQUIPMENT TO BE REMOVED.

MAINTAIN FIRE RATINGS OF AFFECTED WALLS AND FLOORS.

EXISTING ELECTRICAL SYSTEMS LOCATED IN WALLS AND CHASES NOT BEING REMOVED OR REUSED FOR NEW SYSTEMS MAY BE ABANDONED IN PLACE. CAP AT MAINS OR IN A CONCEALED LOCATION IF REQUIRED.

REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS ON FLOOR CUTTING AND CEILING REMOVAL. CONTRACTOR SHALL COORDINATE WORK TO BE CONSISTENT WITH SCOPE OF GENERAL CONTRACTOR'S DEMOLITION.

EXTERIOR FREE-STANDING ELECTRICAL AND MECHANICAL DEVICES NOT BEING REUSED SHALL BE REMOVED UNDER BASE BID UNLESS OTHERWISE NOTED. PATCH OPENING TO MATCH SURROUNDING SURFACES.

ELECTRICAL CONTRACTOR SHALL RECESS ALL DEVICES/ EQUIPMENT FLUSH IN EXISTING WALLS AND CUT AND PATCH TO MATCH EXISTING. COORDINATE WITH GENERAL CONTRACTOR.

COLITION REFERENCED NOTES:

NOTES MAY BE APPLICABLE TO THIS SHEET)

REMOVE ALL LIGHTING, RECEPTACLES AND OTHER ELECTRICAL DEVICES UNLESS NOTED OTHERWISE OR NECESSARY FOR THE OPERATION OF DEVICES OUTSIDE THE SCOPE OF REMODELING. REMOVE ASSOCIATED CONDUCTORS AND RACEWAY COMPLETELY.

DASHED LINES ARE INDICATING RENOVATION AREA. AREAS OUTSIDE OF DASH LINES ARE TO REMAIN EXISTING UNLESS OTHERWISE INDICATED OR REQUIRED TO SERVE DEVICES LOCATED IN RENOVATION AREA.

REMOVE ALL WALL DEVICES INCLUDING THOSE INDICATED AND ASSOCIATED CONDUCTORS AND RACEWAY.

LIGHTING AND CONTROLS IN THIS AREA TO REMAIN. REMOVE AND REINSTALL LIGHTING AS REQUIRED TO ACCOMMODATE ARCHITECTURAL AND MECHANICAL WORK.

REMOVE ALL LIGHTING AND CONTROLS IN THIS AREA. REFER TO LIGHTING PLAN FOR PLAN FOR NEW LIGHTING CONTROLS AND DEMO CONTROLS IF REQUIRED.

ELECTRICAL PANEL SHALL BE REMOVED AND CIRCUITS TO REMAIN SHALL BE INTERCEPTED, SPLICED AND REFERRED TO NEW PANEL LOCATION. REFER TO ELECTRICAL PLANS FOR NEW LOCATION OF PANEL. CIRCUIT SPLICING SHALL BE AS FOLLOWS...

- PANEL B1 CIRCUITS FED TO NEW PANEL B1 LOCATION
- PANEL L5 AND L6 CIRCUITS SHALL BE FED TO NEW PANEL L5 LOCATION
- PANEL L7 AND L8 CIRCUITS SHALL BE FED TO NEW PANEL L8 LOCATION
- PANEL L18 CIRCUITS SHALL BE FED TO NEW PANEL L18
- PANEL L19 CIRCUITS SHALL BE FED TO NEW PANEL L19

REMOVE EXISTING DEVICE AND ASSOCIATED CONDUCTORS COMPLETELY. EXISTING CONDUIT AND BACKBOX MAY BE REUSED WHERE IN GOOD CONDITION AND MEETS CURRENT CODES. PULL NEW WIRE AND REGROUP RECEPTACLES AS INDICATED.

REMOVE WALL DEVICE AND ASSOCIATED CONDUCTORS AND RACEWAY COMPLETELY. DEVICES REMOVED IN EXISTING BLOCK WALL SHALL BE PROVIDED WITH BLANK COVERPLATE.

ELECTRICAL CONTRACTOR SHALL REMOVE ALL CONDUCTORS SERVING IN-FLOOR RACEWAY/FLOORBOXES AND EXISTING FLOOR BOXES COMPLETELY. IN-FLOOR RACEWAY AND ASSOCIATED CONDUIT MAY BE ABANDONED COMPLETELY WHERE IT DOES NOT CONFLICT WITH NEW CONSTRUCTION. FLOORBOXES SHALL BE PATCHED COMPLETELY. COORDINATE WITH GENERAL CONTRACTOR.

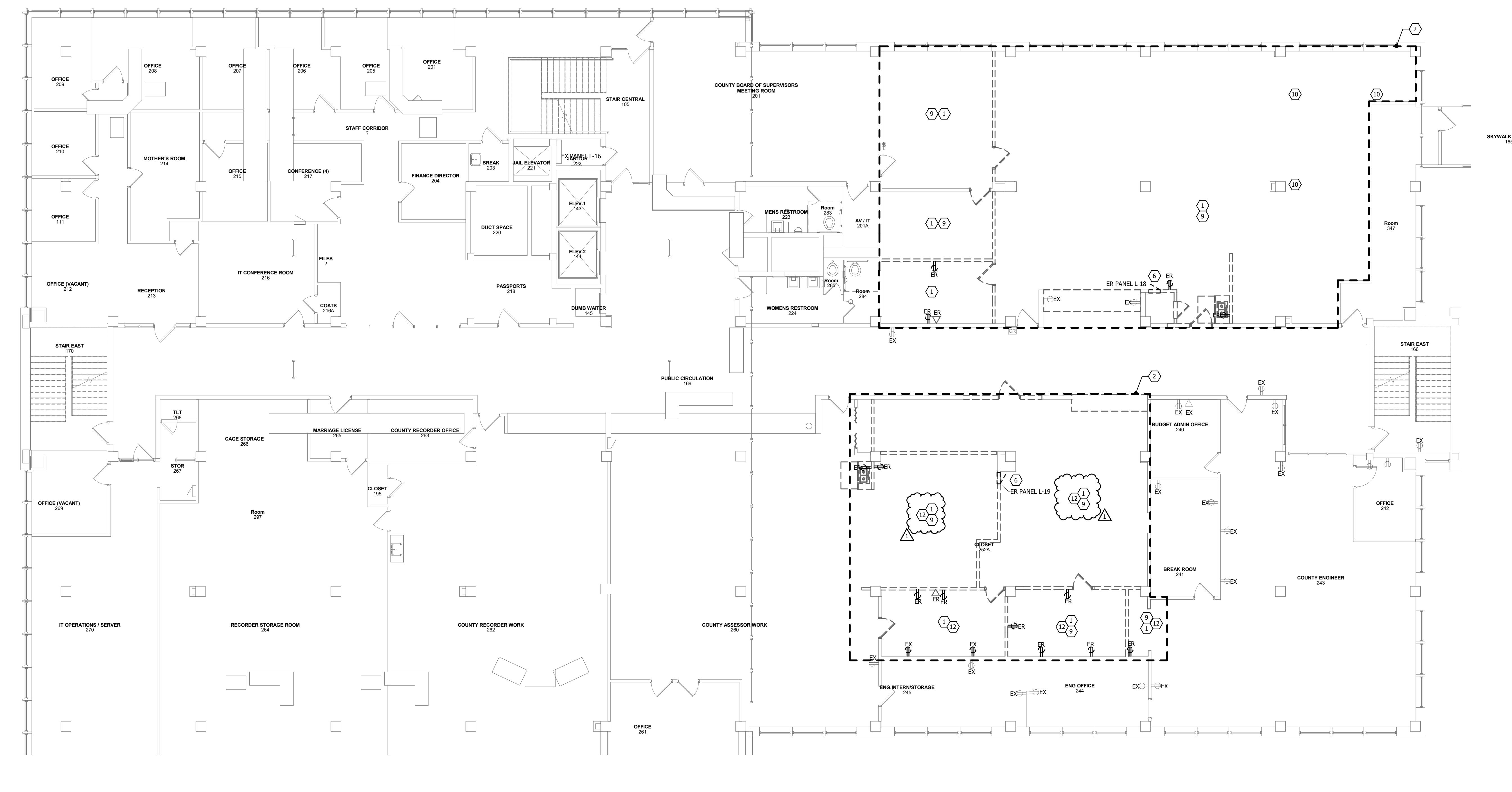
ELECTRICAL CONTRACTOR SHALL REMOVE POWER POLE AND ALL ASSOCIATED CONDUCTORS AND RACEWAY COMPLETELY.

NO WORK IN RESTROOMS UNDER BASE BID. RESTROOMS WORK UNDER ALTERNATE BID #1 ONLY.

CONTRACTOR SHALL SALVAGE AND SAFELY STORE EXISTING 2' X 4' FIXTURES WHERE FIXTURES ARE DEEMED IN GOOD CONDITION AND REINSTALL THEM IN NEW LOCATIONS SHOWN ON THE LIGHTING PLAN AND TAGGED EXR. COORDINATE QUANTITY OF FIXTURES TO SALVAGE PRIOR TO CONSTRUCTION. CLEAN FIXTURES PRIOR TO REINSTALLATION.



EXISTING PANEL L18 CIRCUITS



A north arrow icon consisting of a circle with a diagonal line. To its right is a scale bar with the text "1 1/8\" data-bbox="250 110 350 140" and "1'-0\" data-bbox="350 110 450 140" below it.

PROJECT NO:
23109

DATE:
JANUARY 4, 2024
SHEET SET:
BID DOCUMENTS

SHEET NAME:
**SECOND FLOOR
ELECTRICAL
DEMOLITION PLAN**

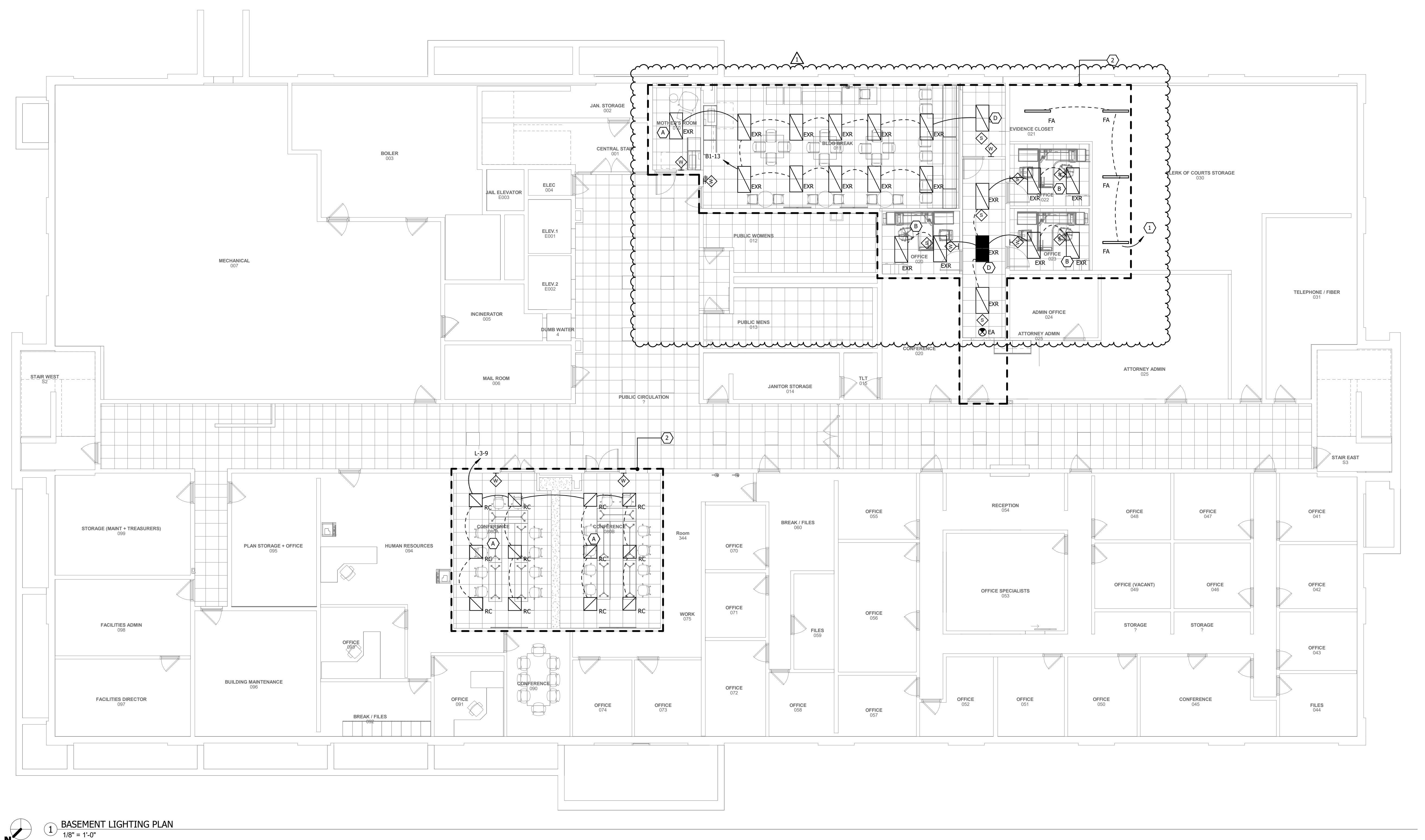
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GENERAL NOTES:

- A. REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWINGS SET REGARDING ALTERNATES ON THE PROJECT.
- B. REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWING SET FOR SPECIFIC PHASING REQUIREMENTS.
- C. SURFACE RACEWAY SHALL NOT BE USED IN ANY FINISHED AREAS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- D. INSTALL DEVICES SUCH THAT NO TWO DEVICES ON OPPOSITE SIDES OF SAME WALL ARE WITHIN 6" OF EACH OTHER.
- E. COORDINATE ALL DEVICES WITH ARCHITECTURAL PLANS AND CASEWORK SUBMITTALS.
- F. OCCUPANCY AND DAYLIGHT SENSORS SHALL BE LOCATED PER MANUFACTURER'S RECOMMENDATIONS. IN EVENT OF CONFLICT OF DESIGNED DRAWINGS AND MANUFACTURER'S RECOMMENDATIONS, ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- G. REFER TO SPECIFICATION SECTION 26 0943 FOR ADDITIONAL DETAILS ASSOCIATED WITH LIGHTING CONTROLS. EACH AREA OF CONTROL SHALL HAVE A DEDICATED POWER PACK WITH ALL DEVICES SHOWN ON PLANS OPERATING TOGETHER.
- H. 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.
- I. ALL WALL-MOUNTED FIXTURES SHALL HAVE EXACT ROUGH-IN LOCATION DETERMINED BY DESIGN TEAM PRIOR TO ROUGH-IN.
- J. THE ELECTRICAL CONTRACTOR SHALL EXTEND AN "UNSPLITTED" HOT CONDUCTOR FROM THE NEAREST NORMAL LIGHTING CIRCUIT TO EVERY UL924 LISTED EMERGENCY BATTERY PACK AND EXIT SIGNS REQUIRED FOR EMERGENCY EGRESS OPERATION. THE "UNSPLITTED" HOT CONDUCTOR SHALL BE APPROVED BY THE ENGINEER.
- K. CONTRACTOR SHALL PROVIDE A UL924 RATED TRANSFER DEVICE IN ALL AREAS WHERE EMERGENCY EGRESS LIGHTING IS REQUIRED PER NFPA 101. LIGHTING CONTROLS MANUFACTURER SHALL DETERMINE EXACT QUANTITIES WITH LIGHTING CONTROL ZONES AND LAYOUTS.
- L. UNLESS NOTED OTHERWISE BY DESIGNATED "LIGHTING CONTROL ZONES", SWITCHES SHOWN WILL CONTROL ALL FIXTURES IN THE ROOM SHOWN.
- M. PROGRAMMABLE DEVICES SHALL BE CONFIGURED WITH THE CONTROL ZONES SHOWN ON THE PLANS AND SCENES PER CLIENT DIRECTION DURING COMMISSIONING.
- N. ALL LIGHTING DEVICES SHALL OPERATE "MANUAL, QUALITY OFF" PER CODE, OR "ON-FOR-10-SECONDS" UNLESS OTHERWISE NOTED IN THE SEQUENCE OF OPERATIONS OR THESE REFERENCE NOTES.
- O. 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 ENGINEER. IF THE LIGHTING CONTROL DEVICE IS REQUIRED PER SPECIFICATION, REQUIRED FOR OPERATION OR IS DIFFERENT IN CONFIGURATION THAN SHOWN ON ELEVATIONS AND RCP'S, CONTRACTOR SHALL CONTACT THE ENGINEER FOR APPROVAL. DEVIATIONS BEFORE ROUGH-IN, DEVIATIONS OR ADDITIONAL DEVICES NOT APPROVED PRIOR TO INSTALLATION SHALL BE CORRECTED AT CONTRACTOR EXPENSE. THIS INCLUDES DEVICES NOT LISTED TO THE CONTRACTOR: SYSTEM SENSORS, ELECTRICAL DEVICES, SWITCHES, DIMMERS, TECHNOLOGY DEVICES, AP DEVICES, SPEAKERS, FIRE ALARM DEVICES, ETC.

REFERENCED NOTES:

- 1. CONNECT TO EXISTING BREAKER AND CONTROLS SERVING LIGHTING IN THIS SPACE.
- 2. DASHED LINES ARE INDICATING RENOVATION AREA. AREAS OUTSIDE OF DASH LINES ARE TO REMAIN EXISTING UNLESS OTHERWISE INDICATED OR REQUIRED TO SERVE DEVICES LOCATED IN RENOVATION AREA.
- 3. NO WORK IN RESTROOMS UNDER BASE BID. RESTROOMS WORK UNDER ALTERNATE BID #1 ONLY.

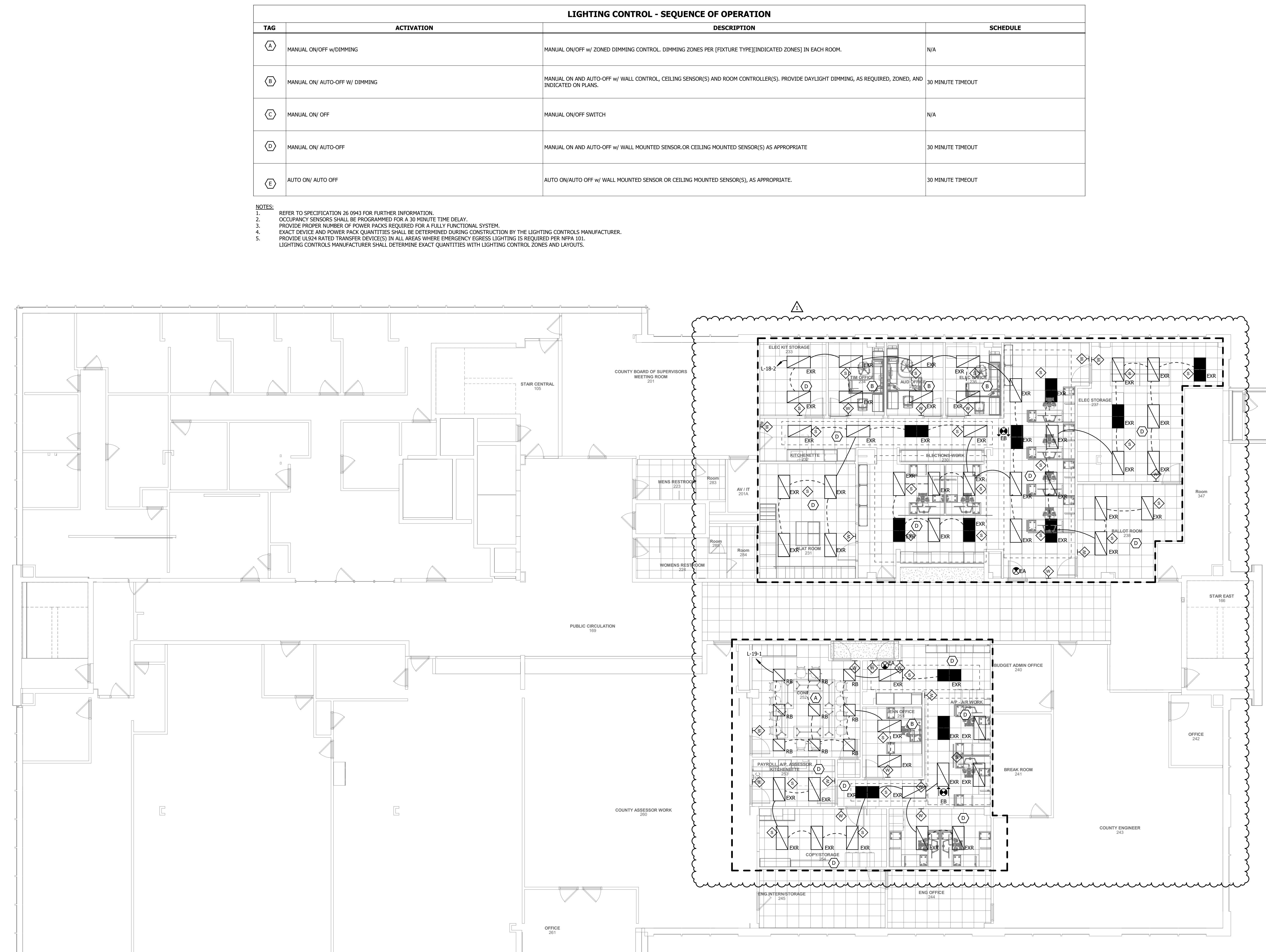


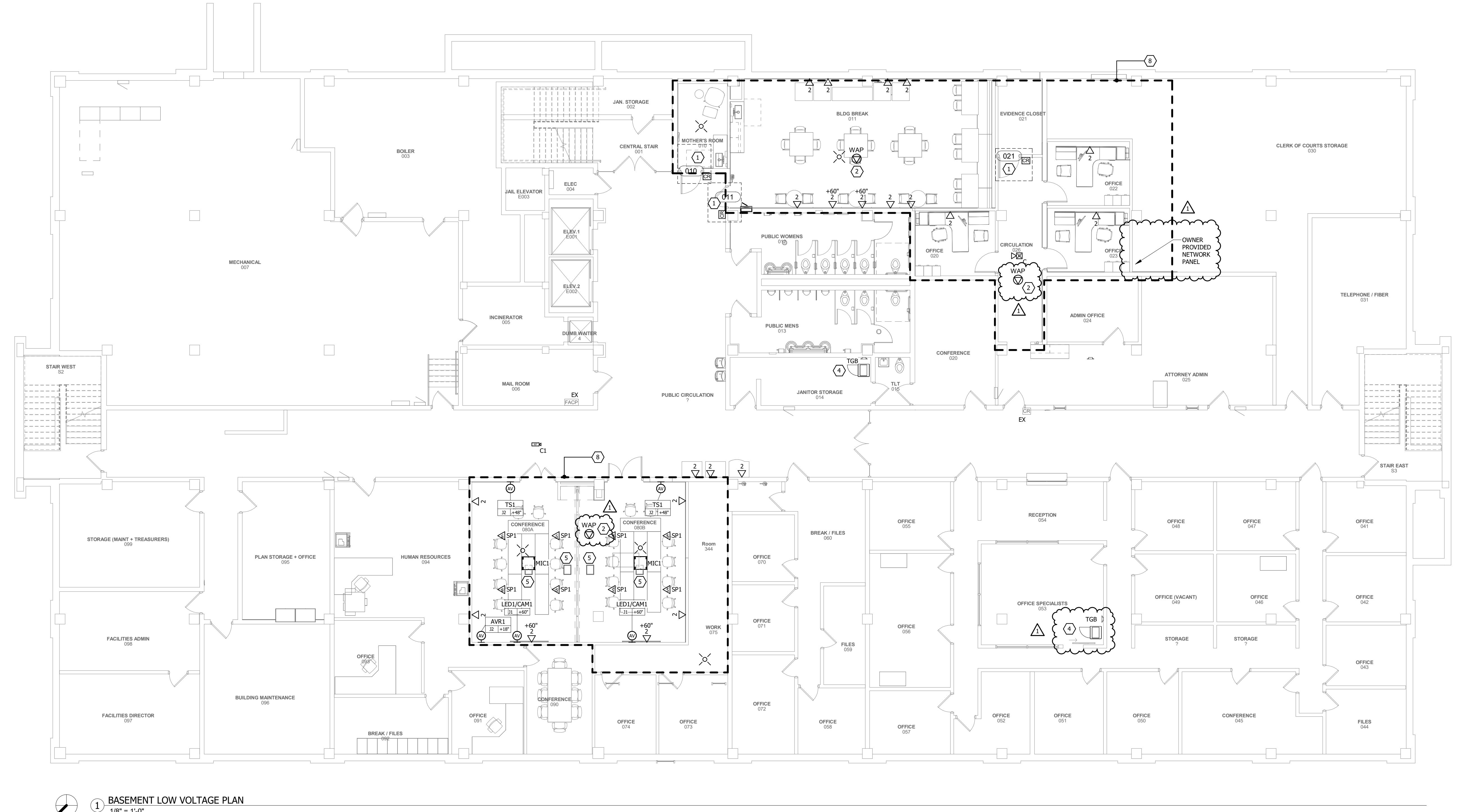
GENERAL NOTES:

- A. REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWINGS SET REGARDING ALTERNATES ON THE PROJECT.
- B. REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWING SET FOR SPECIFIC PHASING REQUIREMENTS.
- C. SURFACE BACKWALL SHALL NOT BE USED IN ANY FINISHED AREAS WITHOUT PRIOR APPROVAL FROM THE ENGINEER.
- D. INSTALL DEVICES SUCH THAT NO TWO DEVICES ON OPPOSITE SIDES OF SAME WALL ARE WITHIN 6' OF EACH OTHER.
- E. COORDINATE ALL DEVICES WITH ARCHITECTURAL PLANS AND CASEWORK SUBMITTALS.
- F. OCCUPANCY AND DAYLIGHT SENSORS SHALL BE LOCATED PER MANUFACTURER'S RECOMMENDATIONS. IN EVENT OF CONFLICT OF DESIGNED DRAWINGS AND MANUFACTURER RECOMMENDATIONS, ENGINEER SHALL BE NOTIFIED IMMEDIATELY.
- G. REFER TO SPECIFICATION SECTION 26 0943 FOR ADDITIONAL DETAILS ASSOCIATED WITH THE LIGHTING CONTROLS. EACH AREA OF CONTROL SHALL HAVE A DESIGNER POWER PACK WITH ALL DEVICES SHOWN ON PLANS OPERATING TOGETHER.
- H. 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.
- I. ALL WALL-MOUNTED FIXTURES SHALL HAVE EXACT ROUGH-IN LOCATION DETERMINED BY DESIGN TEAM PRIOR TO ROUGH-IN.
- J. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AN "UNSWITCHED" HOT CONDUCTOR FROM THE NEAREST NORMAL LIGHTING CIRCUIT TO EVERY UL242 LISTED EMERGENCY BATTERY PACK AND EXIT SIGNS REQUIRED FOR EMERGENCY EGRESS OPERATION. THE "UNSWITCHED" HOT CONDUCTOR SHALL BE USED FOR SENSING PURPOSES ONLY.
- K. TRANSFER FACTOR SHALL PROVIDE A UL924 RATED TRANSFER DEVICE IN ALL AREAS WHERE EMERGENCY LIGHTING IS REQUIRED PER NFPA 101. LIGHTING CONTROLS MANUFACTURER SHALL DETERMINE EXACT QUANTITIES WITH LIGHTING CONTROL ZONES AND LAYOUTS.
- L. UNLESS NOTED OTHERWISE BY DESIGNATED "LIGHTING CONTROL ZONES", SWITCHES SHOWN WILL CONTROL ALL FIXTURES IN THE ROOM SHOWN.
- M. PROGRAMMABLE DEVICES SHALL BE CONFIGURED WITH THE CONTROL ZONES SHOWN ON THE PLANS AND SCENES PER CLIENT DIRECTION DURING COMMISSIONING.
- N. ALL LIGHTING CONTROL SHALL OPERATE "MANUAL ON/AUTO OFF" PER CODE (IEC OR ASHRAE 90.1) UNLESS OTHERWISE NOTED IN THE SPECIFICATION, OPERATING OR CONTROL NOTES.
- O. REFER TO ARCHITECTURAL ELEVATIONS AND USE FOR CEILING PLANS FOR SPECIFIC DEVICE LOCATION AND PLACEMENT. ANY DEVIATIONS FROM THE ARCHITECTURAL ELEVATIONS AND RCP'S SHALL BE REVISED AND APPROVED BY THE ARCHITECT PRIOR TO ROUGH-IN. IF A DEVICE IS RELOCATED FROM THE ELEVATION, THE DEVICE MUST BE 15' OR MORE DIFFERENT IN CONFIGURATION THAN SHOWN ON ELEVATIONS AND RCP'S. CLARIFICATION OR RELOCATION MUST BE MADE BY THE ARCHITECT BEFORE ROUGH-IN. DEVIATIONS NOT APPROVED BEFORE ROUGH-IN SHALL BE CORRECTED AT CONTRACTORS EXPENSE. THIS INCLUDES BUT IS NOT LIMITED TO THERMOSTATS, CONTROL SYSTEM SENSORS, ELECTRICAL DEVICES, SWITCHES, DIMMERS, TECHNOLOGY DEVICES, A/P DEVICES, SPEAKERS, FIRE ALARM DEVICES, ETC.

REFERENCED NOTES:

- (NOT ALL NOTES ARE SHOWN ON THIS SHEET)
- 1. CONNECT TO EXISTING BREAKER AND CONTROLS SERVING LIGHTING IN THIS SPACE.
- 2. DASHED LINES ARE INDICATING RENOVATION AREA. AREAS OUTSIDE OF DASH LINES ARE TO REMAIN EXISTING UNLESS OTHERWISE INDICATED OR REQUIRED TO SERVE DEVICES LOCATED IN RENOVATION AREA.
- 3. NO WORK IN RESTROOMS UNDER BASE BID. RESTROOMS WORK UNDER ALTERNATE BID #1 ONLY.





GENERAL NOTES:

- A. REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWINGS SET REGARDING ALTERNATES ON THE PROJECT.
- B. REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWING SET FOR SPECIFIC PHASING REQUIREMENTS.
- C. SURFACE RACEWAY IS NOT TO BE USED IN ANY FINISHED AREAS WITHOUT PRIOR APPROVAL FROM THE ARCHITECT.
- D. PROVIDE CONDUIT SLEEVES WITH INSULATED BUSHINGS SERVING ALL LOW VOLTAGE CABLES. DO NOT EXCEED 40% PIPE FILLING.
- E. INSTALL DEVICES SUCH THAT NO TWO DEVICES ON OPPOSITE SIDES OF SAME WALL ARE WITHIN 6" OF EACH OTHER.
- F. COORDINATE ELECTRICAL REQUIREMENTS WITH DOOR CONTRACTOR PRIOR TO INSTALLATION.
- G. COORDINATE ALL DEVICES WITH ARCHITECTURAL PLANS, OWNER SUBMITTALS, & OWNER PROVIDED EQUIPMENT.
- H. ALL DEVICES CALLED OUT TO BE INSTALLED AT NON-STANDARD HEIGHTS SHALL BE VERIFIED WITH DESIGN TEAM PRIOR TO ROUGH-IN.
- I. ALL NEW WORK INDICATED IN EXISTING WALLS SHALL BE INSTALLED WITH CONCEALED WIRING AND FLUSH-MOUNTED DEVICES. CUTTING AND PATCHING SHALL BE BY GENERAL CONTRACTOR.
- J. SIREN ALARM INITIATING DEVICES SHALL NOT BE INSTALLED WITHIN 36" OF HORIZONTAL FROM FORCED AIR HVAC DIFFUSERS OR THE END OF CEILING FAN BLADES.
- K. PRIOR TO ROUGH-IN, COORDINATE EXACT MONITOR ELECTRICAL DEVICE HEIGHTS AND LOCATION WITH THE OWNER'S DESIRED MOUNTING LOCATION HEIGHT AND THE OWNER PROVIDED MOUNTING BRACKET. DEVICES AND CABLES SHALL BE CONCEALED AND IN AN ORDERLY FASHION.

REFERENCED NOTES:

1. ACCESS CONTROL LOCATION. REFER TO DETAILS SHEETS AND ARCHITECTURAL SPECIFICATIONS FOR FURTHER INFORMATION ON DOOR TYPE, CABLEING, AND ROUGH-IN REQUIREMENTS.
2. LOCATION OF OWNER FURNISHED CONTRACTOR INSTALLED, WIRELESS ACCESS POINT (WAP). STRUCTURED CABLING SHALL BE PROVIDED BY OWNER. CONTRACTOR SHALL PROVIDE CABLES TERMINATED ABOVE CEILING TO A BISCUIT JACK. PROVIDE FINAL PATCH CABLES FOR OWNER TO PATCH TO FIELD DEVICE. ALLOW EXPOSED CABLES AT ACCESSIBLE CEILINGS. EXPOSED LOCATIONS SHALL BE CONCEALED AND SERVICE LOOP SHALL BE AT THE CLOSET LOCATION.
3. PROVIDE AN EMERGENCY DURESS BUTTON EQUAL TO STI UNIVERSAL PULL MODEL #UB-2 WITH UB-2LENS AND KIT. EIGHT (8) DURESS BUTTONS SHALL BE PROVIDED. COORDINATE INSTALLATION PRIOR TO ROUGH-IN WITH DESIGN TEAM. COORDINATE INTERFACE BETWEEN FIREALARM SYSTEM FOR MONITORING AND DIALING ON 911.
4. OWNER FURNISHED CONTRACTOR INSTALLED WIRELESS CONTRACTOR SHALL PREPARE A GROUND FOR RETAINING WALL. ALL CABLE SHALL HAVE A 15' SERVICE LOOP ABOVE RACK. CABLE SHALL BE NEATLY MANAGED DOWN THE WALL AND IN RACK. STRUCTURED CABLING CONTRACTOR SHALL PROVIDE 6 STRAND SINGLE MODE FIBER BACK TO MDU.
5. APPROXIMATE LOCATION OF FLOOR BOX. ARCHITECT SHALL PROVIDE A DETAILED DRAWING OF THE LOCATION. PRIOR TO ROUGH-IN, SEE FOR FLOOR BOX LOCATION ON THE ELECTRICAL SHEETS FOR NETWORK AND AUDIO/VISUAL CONNECTIONS.
6. SECURITY CONTRACTOR SHALL PROVIDE CHIEF CMS92 OR EQUIVALENT, 2 X 2 IN-CEILING ENCLOSURE, TO MOUNT MODULAR CAMERA MOUNT UNITS. ENCLOSURE SHALL BE CENTRALLY LOCATED IN THE AREA AND COORDINATE WITH THE SECURITY LOCATION WITH OTHER TRADES AND OWNER PRIOR TO ROUGH-IN.
7. NO WORK IN RESTROOMS UNDER BASE BID. RESTROOMS WORK UNDER ALTERNATE BID #1 ONLY.
8. DASHED LINES ARE INDICATING RENOVATION AREA. AREAS OUTSIDE OF DASH LINES ARE TO REMAIN EXISTING UNLESS OTHERWISE INDICATED OR REQUIRED TO SERVE DEVICES LOCATED IN RENOVATION AREA.

REVISIONS:
Description Date No.
ADD #1 1/19/2024 1

OWNER SIGN-OFF:
DATE _____
NAME _____

BLACK HAWK COUNTY
COURTHOUSE RENOVATIONS
316 E 5th Street, Waterloo, IA 50703

PROJECT NO:
23109
DATE:
JANUARY 4, 2024
SHEET SET:
BID DOCUMENTS

SHEET NAME:
BASEMENT LOW
VOLTAGE PLAN

SHEET:
T1.01
Copyright © 2024

GENERAL NOTES:

- A. REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWINGS SET REGARDING ALTERNATES ON THE PROJECT.
- B. REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWING SET FOR SPECIFIC PHASING REQUIREMENTS.
- C. SURFACE RACEWAY IS NOT TO BE USED IN ANY FINISHED AREAS WITHOUT PRIOR APPROVAL FROM THE ARCHITECT.
- D. PROVIDE CONDUIT SLEEVES WITH INSULATED BUSHINGS SERVING ALL LOW VOLTAGE CABLES. DO NOT EXCEED 40% PIPE FILL.
- E. INSTALL DEVICES SUCH THAT NO TWO DEVICES ON OPPOSITE SIDES OF SAME WALL ARE WITHIN 6" OF EACH OTHER.
- F. COORDINATE ELECTRICAL REQUIREMENTS WITH DOOR CONTRACTOR PRIOR TO INSTALLATION.
- G. COORDINATE ALL DEVICES WITH ARCHITECTURAL PLANS, CASEWORK SUBMITTALS, & OWNER PROVIDED EQUIPMENT.
- H. ALL DEVICES CALLED OUT TO BE INSTALLED AT NON-STANDARD HEIGHTS SHALL BE VERIFIED WITH DESIGN TEAM PRIOR TO ROUGH-IN.
- I. ALL NEW WORK INDICATED IN EXISTING WALLS SHALL BE INSTALLED WITH CONCEALED WIRING AND FLUSH-MOUNTED DEVICES. CUTTING AND PAVING SHALL BE BY GENERAL CONTRACTOR.
- J. FIRE ALARM INITIATING DEVICES SHALL NOT BE INSTALLED WITHIN 36 INCHES HORIZONTALLY FROM FORCED AIR HVAC DIFFUSERS OR THE END OF CEILING FAN BLADES.
- K. PRIOR TO ROUGH-IN, COORDINATE EXIST. MONITOR ELECTRICAL DEVICE HEIGHTS AND LOCATION WITH THE OWNERS DESIRED MOUNTING LOCATION. USE THE OWNER PROVIDED MOUNTING BRACKET. DEVICES AND CABLES SHALL BE CONCEALED AND IN AN ORDERLY FASHION.

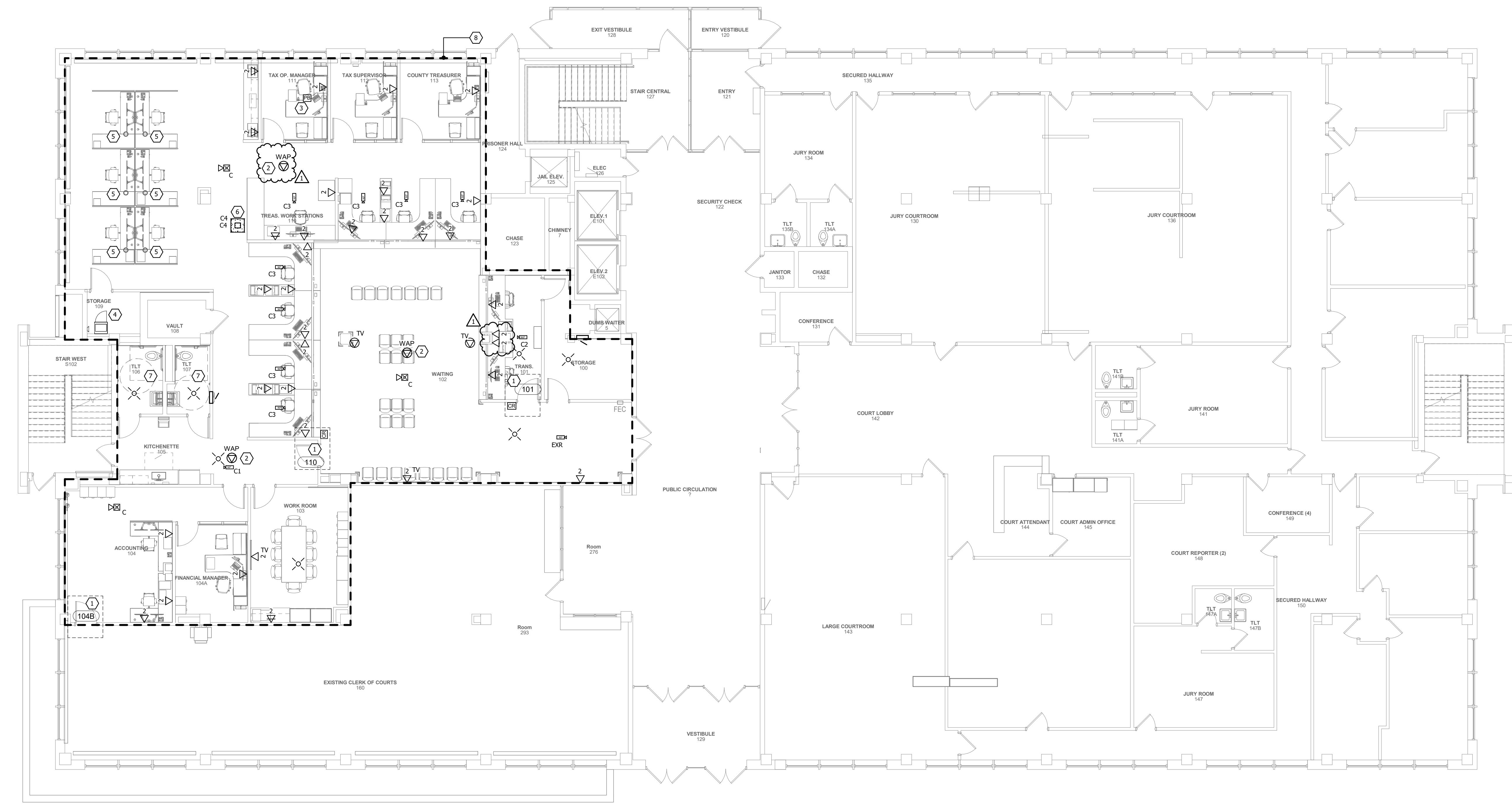
REFERENCED NOTES:

- (NOT ALL NOTES MAY BE APPLICABLE TO THIS SHEET)
- 1. ACCESS CONTROL LOCATION. REFER TO DETAILS SHEETS AND ARCHITECTURAL SPECIFICATIONS FOR FURTHER INFORMATION ON DOOR TYPE, CABLING, AND ROUGH-IN REQUIREMENTS.
- 2. LOCATION OF OWNER FURNISHED CONTRACTOR TAILED, WIRELESS FIRE ALARM SYSTEM. CONTRACTOR SHALL PROVIDE TWO (2) CATEGORY 6/6A CABLES TERMINATED ABOVE CEILING TO A BISCUIT JACK. PROVIDE FINAL PATCH CABLES TO THE FIRE ALARM PANEL. PROVIDE A DASH LINE FOR A LOFT SERVICE LOOP AT ACCESSIBLE CEILINGS. EXPOSED LOCATIONS SHALL BE CONCEALED AND SERVICE LOOP SHALL BE AT THE CLOSEST LOCATION TO THE CEILING.
- 3. PROVIDED APPROXIMATE CALLER ID DIAL-IN EQUAL TO STTS UNIVERSAL BUTTON MODE. #UB-2 WITH #UB-1ELEN AND #TB-1E47 BACKLIGHT. PROVIDE WITH STT-6518. COORDINATE INSTALLATION PRIOR TO ROUGH-IN WITH DESIGN TEAM. CONTRACTOR SHALL PROVIDE A DASH LINE FOR FIREALARM SYSTEM FOR MONITORING AND DIALING OF 911.
- 4. OWNER FURNISHED CONTRACTOR INSTALLED WALL RACK. - CONTRACTOR SHALL PROVIDE AC GAGE FIRE RETARDANT PLYWOOD PAINTED WHITE WITH FIRE RETARDANT PAINT. - ALL CABLES SHALL BE TIED DOWN TO A 15" SERVICE LOOP ABOVE RACK. - CABLE SHALL BE NEATLY TIED DOWN THE WALL AND IN RACK FOR TERMINATION. - STRUCTURAL CABLEING CONTRACTOR SHALL PROVIDE 6 STRAND SINGLE MODE FIBER RACK TO MPO.
- 5. APPROPRIATE LOCATION OF FLOOR BOX. ARCHITECT SHALL PROVIDE A DIMENSIONED DRAWING ON EXACT LOCATION PRIOR TO ROUGH-IN. SEE FLOOR BOX SCHEDULE ON THE ELECTRICAL SHEETS FOR NETWORK AND AUDIO/VISUAL CONNECTIONS.
- 6. SECURITY CONTRACTOR SHALL PROVIDE CHIEF CM5492 OR EQUIVALENT, 2 X 2 IN CEILING ENCLOSURE, TO MOUNT MODULAR CAMERA MATRIX. SECURITY CONTRACTOR SHALL NEUTRALIZE LOCATED WITHIN 98' OF MODULAR CAMERAS. COORDINATE LOCATION WITH OTHER TRADES AND OWNER PRIOR TO ROUGH-IN.
- 7. NO WORK IN RESTROOMS UNDER BASE BID. RESTROOMS WORK UNDER ALTERNATE BID #1 ONLY.
- 8. DASHED LINES ARE INDICATING RENOVATION AREA. AREAS OUTSIDE OF DASH LINES ARE TO REMAIN EXISTING UNLESS OTHERWISE INDICATED OR REQUIRED TO SERVE DEVICES LOCATED IN RENOVATION AREA.

REVISIONS:

Description Date No.

ADD #1 1/19/2024 1

OWNER SIGN-OFF:
DATE _____
NAME _____BLACK HAWK COUNTY
COURTHOUSE RENOVATIONS
316 E 5th Street, Waterloo, IA 507031ST FLOOR LOW VOLTAGE PLAN
1/8" = 1'-0"PROJECT NO:
23109
DATE:
JANUARY 4, 2024
SHEET SET:
BID DOCUMENTSSHEET NAME:
1ST FLOOR LOW
VOLTAGE PLAN
SHEET:
T1.11

GENERAL NOTES:

- A. REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWINGS SET REGARDING ALTERNATES ON THE PROJECT.
- B. REFER TO G SERIES PLANS IN ARCHITECTURAL DRAWING SET FOR SPECIFIC PHASING REQUIREMENTS.
- C. SURFACE RACEWAY IS NOT TO BE USED IN ANY FINISHED AREAS WITHOUT PRIOR APPROVAL FROM THE ARCHITECT.
- D. PROVIDE CONDUIT SLEEVES WITH INSULATED BUSHINGS SERVING ALL LOW VOLTAGE CABLES. DO NOT EXCEED 40% PIPE FILL.
- E. INSTALL DEVICES SUCH THAT NO TWO DEVICES ON OPPOSITE SIDES OF SAME WALL ARE WITHIN 6' OF EACH OTHER.
- F. COORDINATE ELECTRICAL REQUIREMENTS WITH DOOR CONTRACTOR PRIOR TO INSTALLATION.
- G. COORDINATE ALL DEVICES WITH ARCHITECTURAL PLANS, CASEWORK SUBMITTALS, & OWNER PROVIDED EQUIPMENT.
- H. ALL DEVICES CALLED OUT TO BE INSTALLED AT NON-STANDARD HEIGHTS SHALL BE VERIFIED WITH DESIGN TEAM PRIOR TO ROUGH-IN.
- I. ALL NEW WORK INDICATED IN EXISTING WALLS SHALL BE INSTALLED WITH CONCEALED WIRING AND FLUSH-MOUNTED DEVICES. CUTTING AND PATCHING SHALL BE BY GENERAL CONTRACTOR.
- J. FIRE ALARM INITIATING DEVICES SHALL NOT BE INSTALLED WITHIN 36 INCHES HORIZONTALLY FROM FORCED AIR HVAC DIFFUSERS OR THE END OF CEILING FAN BLADES.
- K. PRIOR TO ROUGH-IN, COORDINATE EXACT MONITOR ELECTRICAL DEVICE HEIGHTS AND LOCATION WITH THE OWNER'S DESIRED MOUNTING HEIGHT AND THE OWNER PROVIDED MOUNTING BRACKET. DEVICES AND CABLES SHALL BE CONCEALED AND IN AN ORDERLY FASHION.

REFERENCED NOTES:

- (NOT ALL NOTES REFERENCED ON THIS SHEET)
- 1. ACCESS CONTROL LOCATION. REFER TO DETAILS SHEETS AND ARCHITECTURAL SPECIFICATIONS FOR FURTHER INFORMATION ON DOOR TYPE, CABLEING, AND ROUGH-IN REQUIREMENTS.
- 2. LOCATION OF OWNER FURNISHED, CONTRACTOR INSTALLED, WITHIN EXISTING WALLS. CONTRACTOR SHALL TERMINATE ABOVE CEILING TO A BISCUIT JACK. PROVIDE FINAL PATCH HOLE FOR OWNER TO PATCH TO EXISTING DEVICE. LOW FOR LIFT SERVICE LOOP AT ACCESSIBLE CEILINGS. CLOSER LOCATIONS SHALL BE CONCEALED AND SERVICE LOOP SHALL BE AT THE CLOSET LOCATION.
- 3. PROVIDE AN EMERGENCY DURESS BUTTON EQUAL TO STI'S UNIVERSAL BUTTON MODE #U-2 WITH U8-2000 AND KIT-EX-1000. PROVIDE CONTRACTOR CONTRACTOR INSTALLATION PRIOR TO ROUGH-IN WITH DESIGN TEAM. COORDINATE INTERFACE BETWEEN FIREALARM SYSTEM FOR MONITORING AND DIALING OF 911.
- 4. OWNER FURNISHED CONTRACTOR INSTALLED WALL BACK- CONTRACTOR SHALL PROVIDE AC GRADE FIRE RETARDANT PLYWOOD PAINTED WHITE WITH FIRE RETARDANT PAINT; ALL CABLE SHALL HAVE A 15' SERVICE LOOP ABOVE RACK; CABLES SHALL BE NEATLY MANAGED DOWN THE WALL AND IN RACK FOR TERMINATION. -STRUCTURED CABLEING CONTRACTOR SHALL PROVIDE 6 STRAND SINGLE MODE FIBER BACK TO MDF.
- 5. APPROPRIATE LOCATION OF FLOOR BOX. ARCHITECT SHALL PROVIDE APPROVED DRAWING ON EXACT LOCATION PRIOR TO ROUGH-IN. SEE FLOOR BOX SCHEDULE ON THE ELECTRICAL SHEETS FOR NETWORK AND AUDIO/VIDEO CONNECTIONS.
- 6. SECURITY CONTRACTOR SHALL PROVIDE CHIEF CMS42 OR EQUIVALENT, 2' X 2' IN-CEILING ENCLOSURE TO MOUNT MODULAR CAMERA. CONTRACTOR SHALL NEUTRALLY LOCATED WITHIN 98' OF MODULAR CAMERAS. COORDINATE LOCATION WITH OTHER TRADES AND OWNER PRIOR TO ROUGH-IN.
- 7. NO WORK IN RESTROOMS UNDER BASE BID. RESTROOMS WORK UNDER ALTERNATE BID #1 ONLY.
- 8. DASHED LINES ARE INDICATING RENOVATION AREA. AREAS OUTSIDE OF DASH LINES ARE TO REMAIN EXISTING UNLESS OTHERWISE INDICATED OR REQUIRED TO SERVE DEVICES LOCATED IN RENOVATION AREA.

REVISIONS:
Description Date No.
ADD # 1/19/2024 1OWNER SIGN-OFF:
DATE _____
NAME _____