ADDENDUM NO. 1

The contract documents for the *Ozarks Electric 1st Floor Remodel* – FOR CONSTRUCTION PKG, dated 08/21/26 are hereby amended by this Addendum, dated 09/02/26 consisting of sixty six (66) pages.

CHANGES TO THE DRAWINGS:

GENERAL

1. ***Revision:*** RE: G-001 "INDEX, ABBREVIATIONS AND SYMBOLS" revised sheet index to include new structural drawings.

STRUCTURAL

1. ***Addition*:** RE: S001, S002, S011, S101, S102, S501, S521, S522, S611.

    a. Added structural sheets for design intent and documentation.

ARCHITECTURAL

1. ***Revision:*** RE: AD-101, AD-101A, AD-102B, AD-103C and AD-104D, "KEYED DEMO PLAN NOTES"

    a. Revised note 10 to read "REMOVE ROOF ACCESS LADDER AND HATCH. PREP ROOF OPENING FOR NEW CONSTRUCTION."
    b. Added note 16 "REMOVE EXISTING CONCRETE STAIR/ WALKWAY IN ITS ENTIRETY."

2. ***Revision:*** RE: AD-104D, "DEMOLITION PLAN QUADRANT D", added existing shower for demolition.

3. Addition: RE: A-101, "FLOOR PLAN OVERALL", added "CONSTRUCTION PHASING NOTES".

4. ***Revision*:** RE: A-101A, "FLOOR PLAN QUADRANT A", revised doors A125-1 and A123-1 to face the building's east/ west corridors.

5. ***Revision:*** RE: A-101B, "FLOOR PLAN QUADRANT B":

    a. Added storefront elevation tag.
    b. Added board room door B127-2.
    c. Revised "STOR B118" to "AV CLOSET B118".

6. ***Addition:*** RE: A-101C, "FLOOR PLAN QUADRANT C":

    a. Added wall sections in MEETING ROOM C102.
    b. Provided additional dimensions.

7. ***Revision:*** RE: A-101D, "FLOOR PLAN QUADRANT D", removed ROW OFF D111 from plans.

8. ***Revision:*** RE: A-102B, “RCP QUADRANT B”, revised lighting in BOARD ROOM B127.

9. ***Revision:*** RE: A-102D, “RCP QUADRANT D”, removed ROW OFF D111 and reconfigured RCP.

10. ***Revision:*** RE: A-201, “BUILDING ELEVATION”, provided new wall sections at MEETING ROOM C102.

11. ***Revision:*** RE: A-301, “PARTITION TYPES”, revised partition type N and E for clarity.

12. ***Revision:*** RE: A-401, “RESTROOM PLANS AND ELEVATIONS”, added roll-in shower in SHOWER D122 to be replaced.

13. ***Revision:*** RE: A-601, “DOOR SCHEDULE”:

    a. Added wood door type M to the “DOOR ELEVATIONS” legend.
    b. Updated the door schedule with access control notations and added door B127-2.

INTERIORS

1. ***Revision***: RE: ID.1A, revised finish floor layout at OFFICE A125 and OFFICE A123.

2. ***Revision:*** RE: ID.1D, revised finish floor layout at ROW OFF D111 and ROW OFF D112.

3. ***Revision:*** RE: ID.2A, revised OFFICE A123 and OFFICE A125.

4. ***Revision:*** RE: ID.2B, revised wall finish at CORR B116.

5. ***Revision:*** RE: ID.3A- ID.3D, revised TV and printer locations throughout the offices.

6. ***Revision:*** RE: ID.5A3, revised window finish material.

7. ***Revision:*** RE: ID.5C1- ID.5C2, revised quadrant C finish schedule.

8. ***Revision:*** RE: ID.5D1, revised quadrant D finish schedule.

9. ***Revision:*** RE: ID.6.2- ID.6.3, revised material specifications.

CHANGES TO THE SPECIFICATIONS:

1. ***Revision:*** RE: Specification Section 004113 Bid Form, change 1.4 Time of Completion to say the work shall be fully complete within 450 calendar days.

2. ***Revision:*** RE: Attached specification “012100 ALLOWANCES” to contract documents.

END OF ADDENDUM NO. 01

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PLUMBING, MECHANICAL, & ELECTRICAL ADDENDUM NO. 1

TO:	Wes Burgess
COMPANY:	Crafton Tull
FROM:	Shane Lanning
DATE:	September 1, 2026
PROJECT:	Ozarks Electric First Floor Remodel
PROJECT #:	260068
SUBJECT:	Mechanical, Electrical, Plumbing Addendum
COPY:	File

The following addendum and any attached drawings, schedules, details and/or specifications shall become a part of the contract documents dated August 21, 2026 and titled Ozarks Electric First Floor Remodel.

DRAWINGS

1. PLUMBING
   - 1.1. REFER TO SHEET P101, PLUMBING DEMOLITION PLAN:
     - 1.1.1. Delete the ADA roll-in shower in quadrant D, in room D122.
   - 1.2. REFER TO SHEET P201, PLUMBING FLOOR PLAN:
     - 1.2.1. Provide a new roll-in ADA shower in D122. The new unit shall be a one-piece 36x60x78 equal to Hamilton G6436, ADA Approved shower. White color. Symmons Temptrol C-96-500-B30-V-X-2.0 faucet and head.
     - 1.2.2. The water flow at existing Showers in Men C120 and Women C122 is very low. Investigate the existing supply piping and fixture to determine low pressure and low water flow. Provide solution to improve performance at these fixtures.
     - 1.2.3. Provide a new janitor's sink in room C135. Sink shall be equal to Mustee Custodial 63M with Mustee 63.600A faucet for hot/cold connections, 65.700hose bracket, and 65.600 mop hanger. Provide 67.2424 wall guards with two panels and one bracket. Sink shall be natural crushed stone and polyester resin 24x24 size. Cut and patch floor as required to connect to existing building drain and vent lines. Connect to hot and cold water lines near demolished mop sink in this area.

2. MECHANICAL

2.1. REFER TO SHEET M101A, MECHANICAL PLAN QUADRANT A:

2.1.1. Plan notes M4, M5 and M6 have been revised. Refer to the accompanying revised sheets for new notes.

2.2. REFER TO SHEET M101B, MECHANICAL PLAN QUADRANT B:

2.2.1. Plan notes M4, M5 and M6 have been revised. Refer to the accompanying revised sheets for new notes.

2.3. REFER TO SHEET M101C, MECHANICAL PLAN QUADRANT C:

2.3.1. See accompanying revised drawings for new VAV box FV-400, 1-10" and associated new ductwork and air devices. New box serves rooms C106, C107 and C109.

2.3.2. New carbon dioxide sensors shall be added adjacent to thermostats for RTU-5 and RTU-6. See revised sequence of operation for CO2 control of ventilation air.

2.3.3. Plan notes M4, M5 and M6 have been revised. Refer to the accompanying revised sheets for new notes.

2.4. REFER TO SHEET M101D, MECHANICAL PLAN QUADRANT D:

2.4.1. There are two existing mini split systems in Data D115. These units are to remain and be protected during construction.

2.4.2. Replace the existing exhaust fan in Electrical Room D119 with a new exhaust fan as follows. Fan shall be a domed centrifugal fan equal to Cook model 100-ACE-D for 300 CFM at 0.25" SP operating at 120 volts. Provide thermostat for fan control and backdraft damper and bird screen accessories. Mount fan on existing roof curb. Connect to power at lighting circuit in this room.

2.4.3. Row Office D111 has been removed and floor plan updated. See accompanying revised drawing for new work in this location.

2.5. REFER TO SHEET M102, MECHANICAL ROOF PLAN:

2.5.1. Remove the natural gas piping to the new generator. The new generator will be diesel.

2.6. REFER TO SHEET M601, MECHANICAL SCHEDULES:

2.6.1. Provide the following accessory for all rooftop units (RTU-1, RTU-2, RTU-3, RTU-4, RTU-5 and RTU-6). Provide a NuVue screen system at each unit on the north, east and west sides of the unit. The screen shall have louvered panel profiles and have a flat trim. Color to be selected during submittal phase.

2.6.2. See revised VAV box schedule for new box FV-400.

2.6.3. CO2 sensors have been added to the accessories of RTU-5 and RTU-6.

3. ELECTRICAL

3.1. REFER TO SHEET ED101A, ELECTRICAL DEMO PLAN, QUADRANT A:

3.1.1. The only light fixtures to be salvaged and returned to the owner are identified by note LD2 on this sheet. Receptacles and switches identified by note ED2 may be reused as part of the new remodel work. All other devices and fixtures are to be demolished and removed from the building.

3.2. REFER TO SHEET ED101B, ELECTRICAL DEMO PLAN, QUADRANT B:

3.2.1. No demolition work occurs in rooms B150, B102 and B103. Delete the keyed demolition notes in these rooms.

3.3. REFER TO SHEET E101A, ELECTRICAL POWER PLAN, QUADRANT A:

3.3.1. The ceiling cavity of this remodel is a return air plenum. All new low voltage cable installed in the plenum shall be plenum rated and suitable for installation in an air plenum.

3.3.2. At all TV locations provide a Hubbell netSELECT large capacity AV box equal to catalog number NSAV124M in white color. All new offices in this project shall have a TV. Refer to new revised electrical sheets for TV locations. Verify exact mounting height of each TV on the furniture plans provided by interior designer.

3.3.3. Electrical plan note 25 on this sheet shall remove all mention of power poles. Only floor boxes will be installed on this project. Existing floors will be sawcut to install new conduit and floor boxes.

3.3.4. The new generator and ATS shown on this sheet will be provided by Ozarks Electric and installed by the electrical contractor. The new generator is a Cat 600 KW diesel generator. The ATS is a Cat 1600 amp ATS.

3.3.5. This building contains an existing Edwards EST3 fire alarm system. All new fire alarm work shall be performed by State Systems Inc. out of Northwest Arkansas. Contact Rick Reynolds of State Systems at 479-756-8331 for all new fire alarm work required in the remodel. The existing fire alarm panel is located in room D120.

3.3.6. Provide a complete cable tray layout in all corridors per the revised electrical drawings. Cable tray shall be equal to Pentair QTP4X12. Refer to revised electrical sheets for exact routing of new cable tray system.

3.3.7. Refer to the revised sheet E101A for new TV locations identified in furniture plans included as part of these contract documents.

3.4. REFER TO SHEET E101B, ELECTRICAL POWER PLAN, QUADRANT B:

3.4.1. At all TV locations provide a Hubbell netSELECT large capacity AV box equal to catalog number NSAV124M in white color.

3.4.2. Electrical plan note 25 on this sheet shall remove all mention of power poles. Only floor boxes will be installed on this project. Existing floors will be sawcut to install new conduit and floor boxes.

3.4.3. The floor boxes in Open Office B103 shall be 4-gang boxes with two duplex receptacles in each box. Provide two additional one inch conduits from each box to an adjacent wall and up to above ceiling for data and HDMI cables.

3.4.4. The floor boxes in B123 and B127 shall be 4-gang boxes and not 2-gang boxes.

3.4.5. The new conference table in Board Room B127 is triangular shaped. The three new floor boxes shown in this room shall be located beneath the new table. This primarily affects the north floor box moving to the east. Refer to the furniture plans provided by the interior designer for exact dimensions of the new conference table.

3.4.6. Provide two one-inch conduits to each floor box in B127 and B123 for data and HDMI cables. Route the conduits from floor boxes in B123 to an adjacent wall and up to above the ceiling. Route the conduits from the floor boxes in B127 to Storage B118 and stub up through the floor for connection to AV equipment in this room.

3.4.7. Provide a 20 amp circuit to the folding door between B123 and B127 for the power shading/glazing in the door system. The same circuit shall extend to the power shade device in the door from B127 to Corridor B128. Provide a 20 amp, 1 pole breaker in panel P3L and ¾" conduit and #12 wire to the power shading doors.

3.4.8. Provide a 4-gang floor box beneath the podium in the southeast corner of room B127. Refer to the furniture plans for exact podium location. Connect receptacle in floor box to power at adjacent circuit P3L-6. Provide two one-inch conduits to above the ceiling for data and HDMI cables by owner's IT representative.

3.4.9. Delete the six power poles shown in Call Center B142. Power for all furniture in this room shall be fed from receptacles along the perimeter walls.

3.4.10. Refer to the revised sheet E101B for new TV locations identified in furniture plans included as part of these contract documents.

3.4.11. Provide a 20 amp, 1 pole circuit breaker in panel C1PA-52 for heat trace cables in this quadrant. Provide ¾" conduit and #12 wire from the panel to the heat trace controller and then to each heat trace cable in this quadrant.

3.5. REFER TO SHEET E101C, ELECTRICAL POWER PLAN, QUADRANT C:

3.5.1. Provide new typewritten panel directories for existing panels C9Pa and C5PA in Mechanical room C147 after new construction is complete. Label all unused circuit breakers as spares.

3.5.2. Provide two signs in room C147 that read, “POWER FOR PANELS C9PA, C5PA, P1M, P1L1 AND P1L2 IS DERIVED AT THE SWITCHBOARD IN ELECTRICAL ROOM D119.” Locate one sign near panels C5PA and C9PA. Locate the second sign near panel P1L2.

3.5.3. At all TV locations provide a Hubbell netSELECT large capacity AV box equal to catalog number NSAV124M in white color.

3.5.4. Electrical plan note 25 on this sheet shall remove all mention of power poles. Only floor boxes will be installed on this project. Existing floors will be sawcut to install new conduit and floor boxes.

3.5.5. The three windows in room C102 will each have power shades that require an electric circuit. Provide three 20 amp, 1 pole circuit breakers in panel C9PA and route ¾” conduit and #12 wire from the panel to the new shade power sources above the ceiling in room C102.

3.5.6. Provide a 4-gang floor box beneath the podium centered in the room near the west exterior wall. Provide a 20 amp, 1pole breaker in panel C9PA and ¾” conduit and #12 wire from the panel to a duplex receptacle in the floor box.

3.5.7. Two new projectors will be located in the ceiling of Room C102 along the west exterior wall. Refer to the AV drawings for exact location of the projectors. Provide a 20 amp, 1 pole circuit breaker in panel C9PA and route ¾” conduit and #12 wire from the panel to the new projector power sources in the ceiling.

3.5.8. Provide a NEMA 6-20 receptacle in each floor box in room C121 for existing and future treadmills (four total required). Provide four 20 amp, 2 pole breakers in either panel C9PA and ¾” conduit and #12 wire from the panels to the floor boxes.

3.5.9. Move the floor box in room C125 to the north to be centered beneath the conference table. Refer to the furniture plans for exact table dimensions and location.

3.5.10. Refer to the revised sheet E101C for new TV locations identified in furniture plans included as part of these contract documents.

3.5.11. Note E24 shall be modified as follows: There are approximately 50 existing roof drains on this building. Provide heat trace at each roof drain below the roof level for the first ten feet of piping from the roof drain. Mount the heat trace to the bottom of the drain piping. Connect all roof drains to power at 120 volt as follows. Up to 25 roof drains can be connected to a single 20 amp, 1 pole circuit breaker. All roof drains in Area C shall connect to power at circuit P1L1-54 as presently designed. Relocate the circuit P1L1-56 to quadrant A to serve all roof drains in that quadrant. All roof drains are shown on revised sheet E301A. Heat trace shall be equal to Raychem HWAT-R2 self-regulating temperature maintenance heat tracing cables with RayClic cable connection kits, and GT-66 filament tape wrapped around the cable at 12” centers along the pipe. Provide one

model C910-485 programmable single circuit controller per 20 amp circuit (4 total required). Refer to sheet E-102 for existing roof drain locations.

3.5.12. Delete heat trace circuits P1L1-58 and P1L1-60 from this quadrant. See new circuits described for quadrant B and D in this addendum.

3.6. REFER TO SHEET E101D, ELECTRICAL POWER PLAN, QUADRANT D:

3.6.1. At all TV locations provide a Hubbell netSELECT large capacity AV box equal to catalog number NSAV124M in white color.

3.6.2. Refer to the revised sheet E101D for new TV locations identified in furniture plans included as part of these contract documents.

3.6.3. Provide a 20 amp, 1 pole circuit breaker in panel P3L-74 for heat trace cables in this quadrant. Provide ¾" conduit and #12 wire from the panel to the heat trace controller and then to each heat trace cable in this quadrant.

3.7. REFER TO SHEET E301A, ELECTRICAL MECHANICAL PLAN A:

3.7.1. There are approximately 50 existing roof drains on this building. Provide heat trace at each roof drain below the roof level for the first ten feet of piping from the roof drain. Roof drains are shown on this revised sheet and circuits are identified in separate notes above.

3.8. REFER TO SHEET E401, ELECTRICAL LEGEND-POWER SYMBOLS:

3.8.1. The four gang floor box shall be equal to Hubbell CFB4G30CR and are to sit flush with finished floor.

3.9. REFER TO SHEET E404, EXISTING RISER DIAGRAM:

3.9.1. Delete the note about removing and replacing the existing 300 KW generator. This generator shall remain as is with no work required.

3.10. REFER TO SHEETS E405 and E406, PANEL SCHEDULES:

3.10.1. See revised circuiting clouded on the accompanying revised sheets.

SPECIFICATIONS

4. MECHANICAL

4.1. REFER TO SPECIFICATION SECTION 260923, “ENERGY MANAGEMENT CONTROL SYSTEM”

4.1.1. Revise paragraph 1.2 to read as follows:

1.2 WORK INCLUDED

A. Existing control system is Niagara with KMC BACnet ms/tp field controllers by Harrison Energy Partners. All new equipment shall be connected to the Niagara EMCS. All programming, software upgrades, controllers, etc. necessary to connect new equipment to existing control system shall be verified and provided by Harrison Energy Partners.

4.1.2. Add an emergency power sequence of operation as follows: In the event of a building loss of power the rooftop units shall be started one at a time. Bring the first rooftop unit back on when emergency generator power is restored. All subsequent rooftop units shall start no sooner than one minute after the previous unit has resumed operation.

END OF ADDENDUM

SECTION 012100 - ALLOWANCES

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes administrative and procedural requirements governing allowances.

B. Types of allowances include the following:

1. Contingency allowances.

1.2 INFORMATIONAL SUBMITTALS

A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.

B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.

C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.3 CONTINGENCY ALLOWANCES

A. Use the contingency allowance only as directed by Architect for Owner's purposes and only by Documentation that indicates amounts to be charged to the allowance.

B. Contractor's overhead, profit, and general conditions for products and equipment ordered by Owner under the contingency allowance are included in the Contract Sum. Contingency allowance amounts shall only include costs directly associated with the requested work.

C. At Project closeout, credit unused amounts remaining in the contingency allowance to Owner by Change Order.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

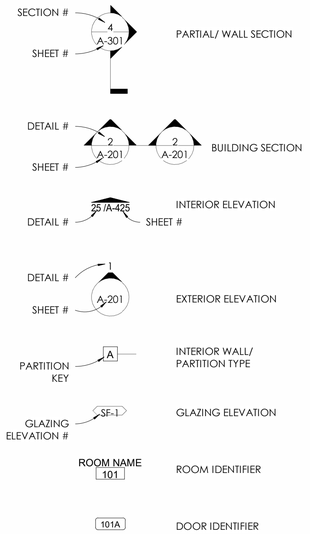
A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

A. Contingency Allowance: Include a contingency allowance of $150,000.00 for use according to Owner's written instructions.

END OF SECTION 012100

FLOOR PLAN LEGEND:



EXISTING DOCUMENTS

This project includes construction to an existing structure. Crafton Tull has utilized existing drawings in the design and production of this project. The drawings and other information pertaining to the existing structure were provided to Crafton Tull by the Owner. Crafton Tull assumes the drawings and information provided to be accurate in every respect for every design discipline. Crafton Tull will be notified of deviations from the drawings and other information provided by the owner that could impact this project including civil, structural, architectural, mechanical, plumbing, electrical or other design disciplines.

SHEET INDEX

GENERAL
G-001 INDEX, ABBREVIATIONS AND SYMBOLS
G-002 LIFE SAFETY PLANS
G-003 STANDARD MOUNTING HEIGHTS & GENERAL NOTES
G-004 GENERAL NOTES
G-005 GENERAL NOTES

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S002 GENERAL NOTES
S011 SPECIAL INSPECTIONS
S101 FOUNDATION PLAN
S102 ROOF FRAMING PLAN
S501 FOUNDATION DETAILS
S521 EXISTING BUILDING DETAILS
S522 ROOF FRAMING DETAILS
S611 CFS STUD DETAILS

ARCHITECTURAL DEMOLITION
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AD-101A DEMOLITION PLAN QUADRANT A
AD-102B DEMOLITION PLAN QUADRANT B
AD-103C DEMOLITION PLAN QUADRANT C
AD-104D DEMOLITION PLAN QUADRANT D

ARCHITECTURAL
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A-101B FLOOR PLAN QUADRANT B
A-101C FLOOR PLAN QUADRANT C
A-101D FLOOR PLAN QUADRANT D
A-102 RCP OVERALL
A-102A RCP QUADRANT A
A-102B RCP QUADRANT B
A-102C RCP QUADRANT C
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A-103 ROOF PLAN
A-201 BUILDING ELEVATION
A-301 PARTITION TYPES
A-402 INTERIOR ELEVATIONS
A-403 STOREFRONT ELEVATIONS
A-502 EXTERIOR DETAILS
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ID.1B FLOOR PATTERN PLANS
ID.1C FLOOR PATTERN PLANS
ID.1D FLOOR PATTERN PLANS
ID.2A WALL FINISH PLANS
ID.2B WALL FINISH PLANS
ID.2C WALL FINISH PLANS
ID.2D WALL FINISH PLANS
ID.3A FURNITURE PLANS
ID.3B FURNITURE PLANS
ID.3C FURNITURE PLANS
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ID.5A2 ROOM FINISH SCHEDULE
ID.5A3 ROOM FINISH SCHEDULE
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ID.6.3 MATERIAL SPECIFICATIONS

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P-201 PLUMBING OVERALL FLOOR PLAN
P-202 PLUMBING ENLARGED VIEWS, DETAILS, SYMBOLS, RISERS & GENERAL NOTES
P-801 PLUMBING SCHEDULES

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MD-100 MECHANICAL DEMOLITION FLOOR PLAN

MECHANICAL
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M-101B MECHANICAL FLOOR PLAN - QUADRANT B
M-101C MECHANICAL FLOOR PLAN QUADRANT C
M-101D MECHANICAL FLOOR PLAN QUADRANT D
M-102 MECHANICAL ROOF PLAN
M-501 MECHANICAL DETAILS
M-601 MECHANICAL SCHEDULES
M-602 MECHANICAL SCHEDULES
M-701 MECHANICAL CONTROLS
M-702 MECHANICAL CONTROLS

ELECTRICAL
ED-101A ELECTRICAL DEMOLITION PLAN QUADRANT A
ED-101B ELECTRICAL DEMOLITION PLAN QUADRANT B
ED-101C ELECTRICAL DEMOLITION PLAN QUADRANT C
ED-101D ELECTRICAL DEMOLITION PLAN QUADRANT D

ELECTRICAL
E-101A ELECTRICAL POWER PLAN QUADRANT A
E-101B ELECTRICAL POWER PLAN QUADRANT B
E-101C ELECTRICAL POWER PLAN QUADRANT C
E-101D ELECTRICAL POWER PLAN QUADRANT D
E-102 ELECTRICAL ROOF PLAN
E-201A ELECTRICAL LIGHTING PLAN QUADRANT A
E-201B ELECTRICAL LIGHTING PLAN QUADRANT B
E-201C ELECTRICAL LIGHTING PLAN QUADRANT C
E-201D ELECTRICAL LIGHTING PLAN QUADRANT D
E-301A ELECTRICAL MECH PLAN QUADRANT A
E-301B ELECTRICAL MECH PLAN QUADRANT B
E-301C ELECTRICAL MECH PLAN QUADRANT C
E-301D ELECTRICAL MECH PLAN QUADRANT D
E-401 ELECTRICAL NOTES AND LEGENDS
E-402 ELECTRICAL POWER DETAILS
E-403 ELECTRICAL LIGHTING DETAILS
E-404 ELECTRICAL RISER DIAGRAM
E-405 ELECTRICAL PANEL SCHEDULES
E-406 ELECTRICAL PANEL SCHEDULES

ABBREVIATIONS:

THE ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED WITHIN THE CONTEXT OF THESE CONTRACT DOCUMENTS.

A

AB	ANCHOR BOLT
ABV	ABOVE
A/ C	AIR CONDITIONING
ACC	ACCESS
ACP	ACOUSTICAL PANEL
ACT	ACOUSTICAL TILE
AD	AREA DRAIN
ADH	ADHESIVE
ADJ	ADJACENT
ADJUST	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
AGG	AGGREGATE
AHU	AIR HANDLING UNIT
AL	ALUMINUM
ALT	ALTERNATE
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AP	ACCESS PANEL
APPROX	APPROXIMATE
ARCH	ARCHITECT(URAL)
ASC	ABOVE SUSPENDED CEILING
ASPH	ASPHALT
AUTO	AUTOMATIC
AVE	AVENUE
AVG	AVERAGE
AWG	AMERICAN WIRE GAGE

B

BBD	BULLETIN BOARDS
BD	BOARD
BEJ	BRICK EXPANSION JOINT
BET	BETWEEN
BFF	BELOW FINISH FLOOR
BIT	BITUMINOUS
BLDG	BUILDING
BLKG	BLOCKING
BM	BENCH MARK, BEAM
BOT	BOTTOM
BRG	BEARING
BRK	BRICK
BRKT	BRACKET
BRZ	BRONZE
BSMT	BASEMENT
BTB	BACK TO BACK
BTU	BRITISH THERMAL UNIT
BUR	BUILT-UP ROOFING

C

CAB	CABINET
CB	CATCH BASIN
CEM	CEMENT
CF	CUBIC FEET
CFM	CUBIC FEET PER MINUTE

C (CONTINUED)

CFMF	COLD-FORMED METAL FRAMING
CG	CORNER GUARD
CHAM	CHAMFER
CHBD	CHALKBOARD
CI	CAST IRON
CIP	CAST IN PLACE
CIR	CIRCLE
CJ	CONTROL JOINT
CL	CENTERLINE
CLG	CEILING
CLL	CONTRACT LIMIT LINE
CLO	CLOSET
CLR	CLEAR(ANCE)
CM	CENTIMETER
CMT	CERAMIC MOSAIC TILE
CMTD	COUNTER-MOUNTED
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
COMB	COMBINATION
COMPT	COMPARTMENT
CONC	CONCRETE
CONF	CONFERENCE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CORR	CORRIDOR
CPT	CARPET/ CARPETING
CRS	COURSE(S)
CSMT	CASEMENT
CT	CERAMIC TILE
CTSC	COUNTERSINK SCREW
CY	CUBIC YARD(S)

D

D	DRAIN
DA	DOUBLE ACTING
DBL	DOUBLE
DEM	DEMOLISH/ DEMOLITION
DEP	DEPRESS(ED)
DET	DETAIL
DF	DRINKING FOUNTAIN
DH	DOUBLE HUNG
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIV	DIVISION
DL	DEAD LOAD
DN	DOWN
DP	DAMPROOFING
DR	DOOR
DS	DOWNSPOUT
DT	DRAIN TILE
DW	DUMBWAITER
DWG	DRAWING
DWR	DRAWER

E

E	EAST
EA	EACH
EB	EXPANSION BOLT
EC	ELECTRICAL CONTRACTOR
EF	EACH FACE
EHD	ELECTRIC HAIR DRYER
EHND	ELECTRIC HAND DRYER
EIS	EXTERIOR INSULATION SYSTEM
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC(AL)
ELEV	ELEVATOR
EMER	EMERGENCY
ENGR	ENGINEER
ENTR	ENTRANCE
EQ	EQUAL
EQFL	EPOXY QUARTZ FLOORING
EQUIP	EQUIPMENT
ES	EACH SIDE
ESC	ESCALATORS
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXP	EXPOSED
EXT	EXTERIOR

F

FA	FIRE ALARM
FBO	FURNISHED BY OWNER
FB	FACE BRICK
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF	FACTORY FINISH
FFE	FINISH FLOOR ELEVATION
FFL	FINISH FLOOR LINE
FHC	FIRE HOSE CABINET
FHMS	FLAT HEAD MACHINE SCREW
FHWS	FLAT HEAD WOOD SCREW
FIN	FINISH
FL	FLOOR/FLOORING
FLG	FLASHING
FOC	FACE OF CONCRETE
FOF	FACE OF FINISH
FOM	FACE OF MASONRY
FOS	FACE OF STUDS
FP	FIREPROOF
FRT	FIRE RETARDANT TREATED
FSR	FLEXIBLE SHEET ROOFING
FT	FOOT/ FEET
FTG	FOOTING

F (CONTINUED)

FUR	FURRING
FURN	FURNISH(ING)
FUT	FUTURE
FWC	FABRIC WALLCOVERING

G

GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACT(OR)
GCMU	GLAZED CONCRETE MASONRY UNIT
GD	GRADE
GI	GALVANIZED IRON
GL	GLASS
GRN	GRANITE
GRV	GRAVEL
GST	GLAZED STRUCTURAL UNIT
GT	GROUT
GWB	GYPSUM WALLBOARD
GYP	GYPSUM

H

HB	HOSE BIBB
HC	HOLLOW CORE
HD	HEAVY DUTY
HDR	HEADER
HDW	HARDWARE
HK	HANDICAPPED, HOOK(S)
HM	HOLLOW METAL
HOR	HORIZONTAL
HP	HORSEPOWER
HR	HOUR
HS	HEAT STRENGTHENED
HT	HEIGHT
HVAC	HEATING VENTILATING, AIR CONDITIONING

I

ID	INSIDE DIAMETER
IE	INVERT ELEVATION
INS	INSULATING
INSUL	INSULATION
INT	INTERIOR
IPS	IRON PIPE SIZE

J

JAN	JANITOR'S CLOSET
JB	JUNCTION BOX/ JOIST BEARING
JOH	JAMB OPENING HEIGHT
JJOW	JAMB OPENING WIDTH

J (CONTINUED)

JST	JOIST
JT	JOINT

K

K	KIP
KD	KNOCKDOWN
KG	KILOGRAM
KIT	KITCHEN
KO	KNOCKOUT
KVA	KILOVOLT AMPERES
KW	KILOWATTS

L

L	LENGTH
LAB	LABORATORY
LAD	LADDER
LAM	LAMINATE(D)
LAV	LAVATORY
LBL	LABEL
LBS	POUNDS
LDG	LANDING
LG	LAG BOLT
LH	LEFT HAND
LHR	LEFT HAND REVERSE
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LTL	LINTEL
LVR	LOUVER
L/W	LIGHTWEIGHT

M

M	METER
MAINT	MAINTENANCE
MAS	MASONRY
MAU	MAKE-UP AIR UNIT
MAX	MAXIMUM
MB	MACHINE BOLT
MBR	MEMBRANE
MC	MEDICINE CABINET
MECH	MECHANICAL
MET	METAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MLDG	MOULDING
MM	MILLIMETER
MO	MASONRY OPENING
MOX	METAL OXIDE

M (CONTINUED)

MPU	MULTI-PURPOSE UNIT
MR	MOP RACK
MRB	MARBLE
MS	MACHINE SCREW
MSL	MEAN SEA LEVEL
MTG	MOUNTING
MTL	MATERIAL
MULL	MULLION

N

N	NORTH
NE	NORTHEAST
NIC	NOT IN CONTRACT
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
NW	NORTHWEST
NPS	NOMINAL PIPE SIZE

O

OA	OVERALL
OBS	OBSCURE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFF	OFFICE
OH	OVERHEAD/ OPPOSITE HAND
OHMS	OVAL HEAD MACHINE SCREW
OHWS	OVAL HEAD WOOD SCREW
OPG	OPENING
OPP	OPPOSITE
OPR	OPERATING
OTO	OUT TO OUT
OZ	OUNCE

P

PAD	PARTICLEBOARD
P/C	PRECAST (CONCRETE)
PCF	POUNDS PER CUBIC FOOT
PE	PORCELAIN ENAMEL
PEJ	PREFORMED EXPANSION JOINT
PFB	PREFABRICATED
PL	PLATE, PROPERTY LINE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PNL	PANELS(S)
POL	POLISHED
POLY	POLYCARBONATE
PR	PAIR
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PAINT, POINT

P (CONTINUED)

PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PVG	PAVING
PWD	PLYWOOD

Q

QT	QUARRY TILE

R

R	RISER
RA	RETURN AIR
RAD	RADIUS
RB	RESILIENT BASE
RBL	RUBBLE STONE
RBT	RUBBER TILE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
RECT	RECTANGULAR
REF	REFERENCE
REFR	REFRIGERATOR
REINF	REINFORCING/ REINFORCEMENT
REQ	REQUIRED
RES	RESILIENT
REV	REVISION
RFG	ROOFING
RH	RIGHT HAND
RHR	RIGHT HAND REVERSE
RLG	RAIL(ING)
RO	ROUGH OPENING
ROW	RIGHT-OF-WAY
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT (HVAC)

S

S	SOUTH
SAN	SANITARY
SB	STACK BOND
SC	SOLID CORE
SCH	SCHEDULE
SCT	STRUCTURAL CLAY TILE
SD	SOAP DISPENSER/ STORM DRAIN
SDH	SOAP DISH
SE	SOUTHEAST
SEC	SECTION
SF	SQUARE FOOT
SFAB	STRETCH FABRIC
SFGL	SAFETY GLASS
SH	SHELF
SHM	SECURITY HOLLOW METAL
SHT	SHEET
SHTHG	SHEATHING
SIM	SIMILAR

S (CONTINUED)

SJ	SAWED JOINT
SLR	SLIP RESISTANT
SND	SANITARY NAPKIN DISPOSAL
SNV	SANITARY NAPKIN VENDOR
SP	SOUNDPROOF
SPECS	SPECIFICATIONS
SPK	SPEAKER
SQ	SQUARE
SR	SHOWER ROD
SS	SERVICE SINK
SST	STAINLESS STEEL
ST	STREET
STA	STATION
STD	STANDARD
STG	SEATING
STL	STEEL
STO	STORAGE
STP	STANDPIPE
STR	STRUCTURAL
STS	SELF TAPPING SCREW
SW	SOUTHWEST
SYM	SYMMETRICAL
SYS	SYSTEM

T

T	TREAD
TB	TOWEL BAR
T/C	TOP OF CURB
TD	TOWEL DISPENSER
TDW	TOWEL DISPENSER & WASTE
TEL	TELEPHONE
TEMP	TEMPERATURE
TGL	TEMPERED GLASS
TH	TOWEL HOOK
THK	THICK(NESS)
THR	THRESHOLD
TKBD	TACKBOARD
TOB	TOP OF BEAM
TOC	TOP OF CURB
TOF	TOP OF FOOTING
TOIL	TOILET
TOPO	TOPOGRAPHY MAP
T/P	TOP OF PARAPET
TPD	TOILET PAPER DISPENSER
TRT	TREATED (PRESERVATIVE)
TS	TRANSPARENT/ THICKENED SLAB
T/SL	TOP OF SLAB
TV	TELEVISION
TYP	TYPICAL
TZ	TERRAZZO
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE

U

UC	UNDERCUT
UH	UNIT HEATER
UNFIN	UNFINISHED
UNO	UNLESS OTHERWISE NOTED
UR	URINAL
US	UTILITY SHELF
UTIL	UTILITY

V

V	VENT
VB	VAPOR BARRIER
VCJ	VERTICAL CONTROL JOINT
VCT	VINYL COMPOSITION TILE
VEN	VENEER
VERT	VERTICAL
VG	VERTICAL GRAIN
VIN	VINYL (SHEET)
VJ	V-JOINT(ED)
VOL	VOLUME
VT	VINYL TILE
VTR	VENT THROUGH ROOF
VWC	VINYL WALLCOVERING

W

W	WEST/ WIDTH
W/	WITH
WC	WATER CLOSET
WD	WOOD
WGL	WIRE GLASS
WH	WATER HEATER
WI	WROUGHT IRON
WM	WIRE MESH
W/O	WITHOUT
WP	WATERPROOFING
WPT	WORKING POINT
WR	WASTE RECEPTACLE
WSCT	WAINSCOT
WT	WEIGHT
WWF	WELDED WIRE FABRIC

Y

YD	YARD

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Key Plan

No.	Description	Date
1	ADDENDUM 01	09/01/26

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PROJECT NO: 25300600
ISSUE DATE: 08/21/2026
CONTACT: W. BURGESS
QC BY:
QC DATE:

CONSTRUCTION DOCUMENTS

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CRAFTON, TULL, & ASSOCIATES, INC. REGISTERED ARCHITECTS ARKANSAS

INDEX, ABBREVIATIONS AND SYMBOLS

9/1/26

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DESIGN PARAMETERS

1.	BUILDING CODE:		2021 ARKANSAS FIRE PREVENTION CODE
2.	DEAD LOADS:		
	A.	ROOF	SELF WEIGHT OF MATERIALS
3.	LIVE LOADS:		
	A.	ROOF	20 PSF (UNIFORM)
4.	SNOW LOADS:		
	A.	GROUND SNOW LOAD, Pg	10 PSF
	B.	SNOW IMPORTANCE FACTOR, Is	1.0
	C.	FLAT ROOF SNOW LOAD, Pf	7.0 PSF
	D.	SNOW EXPOSURE FACTOR, Ce	1.0
	E.	THERMAL FACTOR, Ct	1.0
5.	WIND LOADS:		
	A.	BASIC DESIGN WIND SPEED (3 SECOND GUST), V	107 MPH
	B.	ALLOWABLE STRESS DESIGN WIND SPEED, Vasd	82.9 MPH
	C.	RISK CATEGORY	II
	D.	EXPOSURE CLASSIFICATION	B
	E.	INTERNAL PRESSURE COEFFICIENT	+/- 0.18
6.	FOUNDATIONS:		
	ISOLATED AND CONTINUOUS FOUNDATIONS HAVE BEEN DESIGNED FOR AN ASSUMED ALLOWABLE NET BEARING PRESSURE OF 1500 PSF. THE OWNER AND/OR CONTRACTOR IS RESPONSIBLE FOR VERIFYING THESE ASSUMPTIONS WITH ACTUAL CONDITIONS PRIOR TO CONSTRUCTION OR BUILD AT THEIR OWN RISK. ACHIEVING AN ALLOWABLE BEARING PRESSURE DOES NOT PRECLUDE THE BUILDING FROM BEING SUBJECT TO DIFFERENTIAL MOVEMENT. SHOULD THE OWNER BE CONCERNED, THEY SHALL ENGAGE THE SERVICES OF A LICENSED GEOTECHNICAL ENGINEER TO INVESTIGATE AND PROVIDE RECOMMENDATIONS.		
7.	RAIN LOADS:		
	RAIN INTENSITY, i (60 MINUTE PRECIPITATION INTENSITY)		3.47 IN/HR

GENERAL

1. STRUCTURAL DRAWINGS ARE NOT STAND-ALONE DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND DRAWINGS FROM OTHER DISCIPLINES. THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS INTO THE SHOP DRAWINGS AND FIELD WORK.
2. WHERE CONFLICT EXISTS AMONG VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.
3. WHERE MEMBER LOCATIONS ARE NOT SPECIFICALLY DIMENSIONED, THE FOLLOWING RULES SHALL APPLY:
   A. DO NOT SCALE DRAWINGS.
   B. COLUMNS ARE CENTERED ON GRID LINES.
   C. FOOTINGS ARE CENTERED BENEATH COLUMNS.
   D. CONTINUOUS FOOTINGS ARE CENTERED BENEATH WALLS.
   E. FRAMING MEMBERS ARE EITHER LOCATED ON GRID LINES OR ARE EQUALLY SPACED BETWEEN LOCATED MEMBERS.
4. ALL STRUCTURAL ELEMENTS OF THE PROJECT HAVE BEEN DESIGNED BY THE STRUCTURAL ENGINEER TO RESIST THE REQUIRED CODE VERTICAL AND LATERAL FORCES THAT COULD OCCUR IN THE FINAL COMPLETED STRUCTURE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL REQUIRED BRACING DURING CONSTRUCTION TO MAINTAIN THE STABILITY AND SAFETY OF ALL STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PROCESS UNTIL THE LATERAL LOAD RESISTING OR STABILITY-PROVIDING SYSTEM IS COMPLETELY INSTALLED AND THE STRUCTURE IS COMPLETELY TIED TOGETHER.
5. THE STRUCTURE HAS BEEN DESIGNED FOR THE LOADS IDENTIFIED WITHIN THESE STRUCTURAL DRAWINGS THAT ARE ANTICIPATED TO BE APPLIED TO THE FINAL STRUCTURE ONCE COMPLETED AND OCCUPIED. THE CONTRACTOR SHALL NOT OVERLOAD THE STRUCTURE DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING THE ADEQUACY OF THE STRUCTURE TO SUPPORT ANY APPLIED CONSTRUCTION LOADS, INCLUDING THOSE DUE TO CONSTRUCTION VEHICLES OR EQUIPMENT, MATERIAL HANDLING OR STORAGE, SHORING AND RESHORING, OR ANY OTHER PROPOSED CONSTRUCTION LOADS THAT ARE IN EXCESS OF THE STATED DESIGN LOADS. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE TO DESIGN OR CHECK THE STRUCTURE FOR LOADS APPLIED TO THE STRUCTURE FOR ANY CONSTRUCTION ACTIVITY.
6. WEIGHTS OF MECHANICAL EQUIPMENT SHOWN ON THE STRUCTURAL PLANS ARE FOR UNITS SPECIFIED BY THE MECHANICAL ENGINEER. CONTRACTOR SHALL VERIFY THE WEIGHTS. ANY SUBSTITUTIONS THAT RESULT IN INCREASED WEIGHT SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD.
7. THE SIZE AND LOCATION OF EQUIPMENT PADS AND PENETRATIONS THROUGH THE STRUCTURE FOR MECHANICAL, ELECTRICAL, AND PLUMBING WORK SHALL BE VERIFIED BY THE CONTRACTOR. OPENINGS AND PENETRATIONS NOT SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE SUBJECT TO APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD.
8. PRIOR TO FABRICATION AND/OR ERECTION OF ANY MATERIALS, THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT EXISTING DIMENSIONS, ELEVATIONS, AND CONDITIONS AND SHALL REPORT ANY DISCREPANCIES TO THE STRUCTURAL ENGINEER OF RECORD OR THE ARCHITECT IMMEDIATELY UPON DISCOVERY.
9. BACKFILL BOTH SIDES OF ALL FOUNDATION AND RETAINING WALLS EQUALLY UNTIL LOW SIDE IS UP TO FINISH GRADE. DO NOT BACKFILL ANY WALLS UNTIL CONCRETE HAS REACHED ITS SPECIFIED 28-DAY COMPRESSIVE STRENGTH.
10. CONNECTIONS OF SYSTEMS DESIGNED BY THE CONTRACTOR'S ENGINEER SUCH AS, BUT NOT LIMITED TO, CLADDING, STAIRS, ELEVATORS AND MEP LOADS ARE ASSUMED TO IMPOSE VERTICAL AND/OR HORIZONTAL LOADS ON THE BASE BUILDING STRUCTURAL MEMBERS WITHOUT GENERATING TORSION IN THE SUPPORTING STRUCTURAL MEMBERS. CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING ALL SUPPLEMENTARY BRACING MEMBERS AS REQUIRED TO PREVENT TORSION ON THE BASE BUILDING STRUCTURE.
11. ANY MATERIALS OR PRODUCTS SUBMITTED FOR APPROVAL THAT ARE DIFFERENT FROM THE MATERIAL OR PRODUCTS SPECIFIED IN THE STRUCTURAL CONTRACT DOCUMENTS WILL BE APPROVED ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED:
   A. COST SAVINGS TO THE OWNER IS DOCUMENTED AND SUBMITTED WITH THE REQUEST.
   B. THE MATERIAL OR PRODUCT HAS BEEN APPROVED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND THE ICC REPORT IS SUBMITTED WITH THE REQUEST.
12. THE ENGINEER SHALL NOT HAVE CONTROL NOR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES, FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK, FOR THE ACTS OR OMISSION OF THE CONTRACTOR, SUBCONTRACTOR, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK, OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
13. PERIODIC SITE OBSERVATION BY FIELD REPRESENTATIVES OF 360 ENGINEERING GROUP, PLLC. IS SOLELY FOR THE PURPOSE OF BECOMING GENERALLY FAMILIAR WITH THE PROGRESS AND QUALITY OF THE WORK COMPLETED AND DETERMINING, IN GENERAL, IF THE WORK OBSERVED IS BEING PERFORMED IN A MANNER INDICATING THAT THE WORK, WHEN FULLY COMPLETED, WILL BE IN ACCORDANCE WITH THE STRUCTURAL CONTRACT DOCUMENTS. THIS LIMITED SITE OBSERVATION SHOULD NOT BE CONSTRUED AS AN EXHAUSTIVE OR CONTINUOUS CHECK OF THE QUALITY OR QUANTITY OF THE WORK, BUT RATHER PERIODIC IN AN EFFORT TO GUARD THE OWNER AGAINST DEFECTS OR DEFICIENCIES IN THE WORK OF THE CONTRACTOR.

DIVISION 2 - FOUNDATIONS

1. FOOTINGS SHALL BEAR EITHER ON COMPETENT NATIVE SOIL OR COMPACTED STRUCTURAL FILL.
2. EXTERIOR AND EXTERIOR PERIMETER FOOTINGS SHALL BEAR NOT LESS THAN 24 INCHES BELOW FINISH GRADE UNLESS OTHERWISE SPECIFIED BY A GEOTECHNICAL ENGINEER AND/OR BUILDING OFFICIAL. IF THE SOIL AT THE BEARING ELEVATIONS SHOWN IS OF QUESTIONABLE BEARING VALUE, THE STRUCTURAL ENGINEER OF RECORD OR ARCHITECT SHALL BE NOTIFIED IMMEDIATELY.
3. PROVIDE A MINIMUM OF A 4-INCH CLEAN, FREE-DRAINING GRANULAR SUBBASE FILL BELOW ALL INTERIOR SLABS-ON-GRADE UNLESS NOTED OR DETAILED OTHERWISE. SUBBASE SHALL MEET GRADATION REQUIREMENTS OF ASTM C-33 SIZE NO. 67, UNLESS SPECIFICALLY NOTED OTHERWISE.
4. A 15-MIL MINIMUM POLYETHYLENE FILM VAPOR RETARDER, MEETING THE REQUIREMENTS IN THE SPECIFICATIONS, SHALL BE PLACED BELOW ALL INTERIOR SLABS-ON-GRADE.
5. THE CONTRACTOR IS CAUTIONED AGAINST LOADING SLAB-ON-GRADE WITH CONSTRUCTION EQUIPMENT. THE SLAB HAS NOT BEEN DESIGNED FOR CONSTRUCTION EQUIPMENT AND MAY REQUIRE AN INCREASE IN SLAB THICKNESS AND/OR REINFORCEMENT. IF THE CONSTRUCTION LOADING EXCEEDS THE DESIGN LOADS SHOWN IN THE DESIGN CRITERIA, THE CONTRACTOR IS REQUIRED TO SUBMIT CALCULATIONS SIGNED AND SEALED BY A REGISTERED STRUCTURAL, CIVIL, OR GEOTECHNICAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED VERIFYING THE ADEQUACY OF THE SLAB.
6. EXTERIOR FOOTINGS FOR STAIRS AND RAMPS SHALL BEAR AT OR BELOW MINIMUM BEARING DEPTH.
7. FOUNDATION WALLS SHALL HAVE ADEQUATE TEMPORARY BRACING INSTALLED BY THE CONTRACTOR BEFORE BACKFILL IS PLACED AGAINST THEM. TEMPORARY BRACING SHALL NOT BE REMOVED UNTIL WALL IS PERMANENTLY BRACED.

DIVISION 3 - CONCRETE

1. ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301.
2. CONTRACTOR SHALL FOLLOW ACI 306.1 FOR COLD WEATHER CONCRETE PLACEMENT AND CURING GUIDELINES.
3. ARRANGEMENTS AND DETAIL OF REINFORCING BENDS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF PUBLICATION SP-66, "ACI DETAILING MANUAL" AND ACI 318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE."
4. UNLESS NOTED OTHERWISE, BAR SPLICES SHALL BE CLASS B TENSION LAPS AND SHALL BE LAPPED WITH MINIMUM LENGTHS AS LISTED IN THE LAP LENGTH SCHEDULE, WHERE REQUIRED IN REINFORCING. SHORTER LAPS MAY BE ACCEPTABLE IF SPECIFIC LOCATIONS OF ALTERNATE LAPS ARE SHOWN ON THE REINFORCING PLACEMENT DRAWINGS AND CALCULATIONS ARE SUBMITTED BY A REGISTERED PROFESSIONAL ENGINEER, LICENSED TO PRACTICE IN THE STATE IN WHICH THE PROJECT IS LOCATED, JUSTIFYING THE ALTERNATE LAP LENGTHS.
5. PROVIDE SUITABLE WIRE SPACERS, CHAIRS, TIES, ETC. FOR SUPPORTING REINFORCING STEEL IN THE PROPER POSITION BEFORE PLACING CONCRETE. DO NOT "WET STICK" DOWELS.
6. ALL WELDED WIRE FABRIC SHALL BE LAPPED A MINIMUM OF 12" AT THE SIDES AND ENDS.
7. LOCATIONS AND SIZES OF OPENINGS, SLEEVES, ETC. REQUIRED FOR OTHER TRADES MUST BE VERIFIED BY THESE TRADES BEFORE PLACING CONCRETE.
8. ALL SLOTS, SLEEVES, TRENCHES AND OTHER EMBEDDED ITEMS SHALL BE SET AND SECURED AGAINST MOVEMENT BEFORE THE CONCRETE IS PLACED. SEE ARCHITECTURAL, ELECTRICAL, MECHANICAL, PLUMBING, AND VENDOR DRAWINGS FOR SIZES, AND LOCATIONS. COORDINATE LOCATIONS, SPACING, AND SIZES WITH THE STRUCTURAL ENGINEER OF RECORD PRIOR TO PLACING CONCRETE.
9. AS PART OF THE SUBMITTAL PROCESS, THE ELECTRICAL AND MECHANICAL CONTRACTOR(S) SHALL SUBMIT PROPOSED ROUTING PLAN FOR ALL PIPES, CONDUITS, OR OTHER DEVICES TO BE EMBEDDED IN THE CONCRETE. THE SUBMITTAL SHALL SHOW SPECIFIC SIZES AND LOCATIONS OF ALL PROPOSED EMBED ITEMS REFERENCING PROXIMITY TO BEAM, COLUMN, AND SLAB EDGES. NO ITEMS SHALL BE ALLOWED TO BE EMBEDDED IN THE CONCRETE WITHOUT PRIOR WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER OF RECORD.
10. CONDUITS AND PIPES EMBEDDED IN CONCRETE SLABS MAY BE NO LARGER THAN 1/3 OF THE SLAB THICKNESS (BASED ON THE MAXIMUM OUTSIDE DIAMETER) AND SHALL HAVE A CENTER-TO-CENTER SPACING NO LESS THAN THREE (3) CONDUIT DIAMETERS. REGARDLESS OF DIAMETER, THE MINIMUM CLEAR SPACING BETWEEN CONDUITS OR REINFORCING SHALL BE (1) INCH.
11. NO MORE THAN FOUR CONDUITS MAY BE PLACED ADJACENT TO EACH OTHER WITHOUT PRIOR APPROVAL IN WRITING FROM THE STRUCTURAL ENGINEER OF RECORD.
12. NO ALUMINUM CONDUITS, DEVICES, OR FIXTURES MAY BE EMBEDDED INTO THE CONCRETE SO THAT THE ALUMINUM IS IN DIRECT CONTACT WITH THE CONCRETE.
13. CORNER BARS SHALL BE PROVIDED FOR ALL HORIZONTAL REINFORCING BARS AT THE INTERSECTIONS AND CORNERS OF ALL STRIP FOOTINGS, BEAMS, AND WALLS UNLESS NOTED OTHERWISE. CORNER BARS SHALL BE OF THE SAME SIZE AND GRADE AS THE HORIZONTAL REINFORCING THEY CONNECT. MINIMUM LAP LENGTHS SHALL BE AS INDICATED ABOVE UNLESS NOTED OTHERWISE.
14. CONTINUE HORIZONTAL WALL BARS THROUGH PILASTERS, COLUMNS AND INTERSECTING WALLS. AT SLAB AND WALL OPENINGS PROVIDE A MINIMUM OF TWO #5 BARS OVER, UNDER AND AT THE SIDES OF THE OPENINGS. EXTEND THESE BARS LAP DISTANCE OR A MINIMUM OF 2'-0" PAST THE OPENING. PROVIDE ONE #5 FOR SINGLE-LAYER REINFORCING AND TWO #5 FOR DOUBLE-LAYER REINFORCING, 4'-0" LONG, DIAGONALLY AT EACH CORNER OF ALL OPENINGS. REFER TO TYPICAL DETAILS FOR DISPOSITION OF CORNER BARS AND BARS IN SMALL WALL SECTIONS. SLAB BARS SHALL BE HOOKED INTO WALLS, OR HOOKED DOWELS SHALL BE PROVIDED TO MATCH SLAB REINFORCING. PROVIDE TWO #4, 4'-0" LONG DIAGONALLY AT EACH RE-ENTRANT CORNER IN SLABS. PROVIDE HOOKED DOWELS FROM FOOTINGS TO MATCH VERTICAL WALL REINFORCING.
15. FOR EXTERIOR RETAINING WALLS AND BUILDING STEM WALLS EXPOSED TO VIEW ACROSS THE LENGTH OF WALL, PROVIDE FORMED "V" CONTROL JOINTS AT 15'-0" OC MAX, SEE CONTROL JOINT DETAIL.
16. HEADED SHEAR STUDS SHALL BE NELSON HEADED ANCHORS WITH FLUXED ENDS (ICC ESR-2856) OR APPROVED. DEFORMED BAR ANCHORS (D.B.A.) SHALL BE NELSON, TYPE D2L (ICC ESR-2907), OR APPROVED. STUDS AND D.B.A. SHALL BE AUTOMATICALLY END-WELDED WITH THE MANUFACTURER'S STANDARD EQUIPMENT IN ACCORDANCE WITH THEIR RECOMMENDATIONS. PERMANENTLY EXPOSED EMBEDDED PLATES AND ANGLES SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION, UNLESS OTHERWISE NOTED. NO LOADS OR WELDS SHALL BE PLACED ON EMBEDDED PLATES OR ANGLES FOR A MINIMUM OF 7 DAYS AFTER CASTING.
17. ANCHORS INSTALLED IN HARDENED CONCRETE SHALL BE USED WHERE SPECIFIED ON THE CONTRACT DRAWINGS. ALL ANCHORS SHALL BE INSTALLED IN STRICT CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS. DO NOT CUT REINFORCING IN NEW OR EXISTING CONCRETE DURING INSTALLATION. ANCHORS EXPOSED TO EARTH OR WEATHER SHALL BE PROTECTED FROM CORROSION BY HOT-DIP GALVANIZING OR USE OF STAINLESS STEEL. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER-OF-RECORD PRIOR TO INSTALLING POST-INSTALLED ANCHORS IN PLACE OF MISSING OR MISPLACED CAST-IN-PLACE ANCHORS. SUBSTITUTION REQUESTS FOR PRODUCTS OTHER THAN THOSE SPECIFIED ON CONTRACT DRAWINGS SHALL BE SUBMITTED BY THE CONTRACTOR TO THE ENGINEER-OF-RECORD ALONG WITH CALCULATIONS THAT ARE SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION AND LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED.
18. CRACKING IS INHERENT TO THE MATERIAL PROPERTIES OF CONCRETE CONSTRUCTION WHILE EVERY EFFORT HAS BEEN MADE TO MINIMIZE THE EFFECTS OF UNSIGHTLY CRACKING, THE PRESENCE OF CRACKS ARE NORMAL AND UNAVOIDABLE. THE DESIGN OF THE CONCRETE STRUCTURAL ITEMS HAVE BEEN ANALYZED USING A "CRACKING SECTION." THE PRESENCE OF THE CRACKING SHOULD NOT BE CONSIDERED DETRIMENTAL TO THE STRUCTURE. CRACKS LARGER THAN 5 MILS SHALL BE FILLED AND SEALED WITH AN APPROVED CRACK FILLER TO PREVENT FUTURE DETERIORATION. AN ALLOWANCE SHALL BE MADE IN THE CONSTRUCTION BUDGET FOR SEALING OF SUCH CRACKS. IN SOME CASES, CRACKS DO NOT APPEAR UNTIL WELL AFTER CONSTRUCTION HAS BEEN COMPLETED. IT'S THE RESPONSIBILITY OF THE OWNER TO MAINTAIN THE STRUCTURE PROPERLY OVER THE LIFE OF THE STRUCTURE. CONCRETE CRACKS, SHOULD THEY OCCUR, SHALL BE FILLED AND SEALED TO PREVENT PREMATURE DETERIORATION OF THE STRUCTURE.

CONCRETE REINFORCING TENSION CONTACT SPLICE LENGTHS

				CONCRETE COMPRESSION STRENGTH (PSI)			
				3,000	4,000	5,000	6,000
CLASS A	CASE #1	BARS ≤ #6	TOP OTHER	57 DB 44 DB	49 DB 38 DB	44 DB 34 DB	41 DB 31 DB
		BARS ≥ #7	TOP OTHER	71 DB 55 DB	62 DB 47 DB	55 DB 42 DB	51 DB 39 DB
	CASE #2	BARS ≤ #6	TOP OTHER	85 DB 66 DB	74 DB 57 DB	66 DB 51 DB	62 DB 47 DB
		BARS ≥ #7	TOP OTHER	107 DB 82 DB	92 DB 71 DB	83 DB 64 DB	77 DB 59 DB
CLASS B	CASE #1	BARS ≤ #6	TOP OTHER	74 DB 57 DB	64 DB 49 DB	57 DB 44 DB	54 DB 41 DB
		BARS ≥ #7	TOP OTHER	93 DB 71 DB	80 DB 62 DB	72 DB 55 DB	67 DB 51 DB
	CASE #2	BARS ≤ #6	TOP OTHER	111 DB 85 DB	96 DB 74 DB	86 DB 66 DB	81 DB 61 DB
		BARS ≥ #7	TOP OTHER	139 DB 107 DB	102 DB 92 DB	108 DB 83 DB	100 DB 77 DB

WHERE:

DB:	DIAMETER OF REINFORCING BAR
CLASS A	CLASS A TENSION SPLICE
CLASS B	CLASS B TENSION SPLICE
CASE #1	CLEAR SPACING GREATER THAN OR EQUAL TO 2" db AND COVER GREATER THAN OR EQUAL TO db.
CASE #2	CLEAR SPACING LESS THAN 2"db OR COVER LESS THAN db.
TOP	WHERE HORIZONTAL REINFORCEMENT IS PLACED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE DEVELOPMENT LENGTH OR SPLICE.
OTHER	OTHER CONDITION NOT SATISFYING TOP QUALIFICATION (BOTTOM HORIZONTAL REINFORCING)

GENERAL CONCRETE SPLICE NOTES:

1.	ALL TENSION SPLICES SHALL BE CONTACT CLASS B SPLICES UNLESS NOTED OTHERWISE. SPLICE LENGTH SHALL NOT BE LESS THAN 12 INCHES.
2.	SPLICE LENGTHS IN TABLE ARE FOR SINGLE BAR SPLICES WITH MAXIMUM YIELD STRENGTH OF 60 KSI NON-EPOXY REINFORCING BARS.
3.	FOR REINFORCING WITH A SPECIFIED YIELD STRENGTH GREATER THAN 60 KSI MULTIPLY SPLICE LENGTH BY (SPECIFIED YIELD STRENGTH/ 60 KSI)
4.	FOR INDIVIDUAL BARS WITHIN A BUNDLE LAP LENGTHS SHALL BE MULTIPLIED BY 1.33 FOR FOUR BAR BUNDLES AND 1.20 FOR THREE BAR BUNDLES. INDIVIDUAL SPLICES WITHIN A BUNDLE SHALL NOT OVERLAP. ENTIRE BUNDLE SHALL NOT BE LAP SPLICED.
5.	BARS LARGER THAN #11 SHALL NOT BE LAP SPLICED. FOR BARS LARGER THAN #11, MECHANICAL SPLICE SHALL BE USED. MECHANICAL SPLICES SHALL HAVE STRENGTH GREATER THAN OR EQUAL TO 125% THE YIELD STRENGTH OF THE REINFORCING BAR. MECHANICAL SPLICES SHALL BE STAGGERED.
6.	WHERE BARS OF DIFFERENT SIZES ARE LAP SPLICED IN TENSION THE MINIMUM SPLICE LENGTH SHALL BE THE LARGER OF THE LENGTH OF A CLASS B TENSION SPLICE OF THE SMALLER BAR, OR THE LENGTH OF A CLASS A TENSION LAP SPLICE OF THE LARGER BAR.
7.	LAP SPLICES ARE NOT PERMITTED WHERE MINIMUM CLEARANCE BETWEEN REINFORCING CANNOT BE MAINTAINED.
8.	LAP SPLICE LENGTH SHALL NOT BE LESS THAN THE LARGER OF 12 INCHES MULTIPLIED BY ALL APPLICABLE MULTIPLIERS OR THE TABLE LENGTH MULTIPLIED BY ALL APPLICABLE MULTIPLIERS.

REQUIRED CONCRETE COVER FOR NON-FIRE-RATED ASSEMBLIES

ASSEMBLY		COVER (IN)
CONCRETE CAST AGAINST & PERMANENTLY EXPOSED TO EARTH	-----	3
CONCRETE EXPOSED TO EARTH OR WEATHER	#6 AND GREATER #5 AND SMALLER	2 1 1/2
CONCRETE NOT EXPOSED TO EARTH OR WEATHER	WALLS, SLABS #14 AND GREATER WALL, SLABS #11 AND SMALLER COLUMNS, BEAMS, GIRDERS	1 1/2 3/4 1 1/2

NOTES:

1. PRIMARY REINFORCEMENT, TIES, STIRRUPS, AND SPIRALS

CONCRETE MATERIALS DESIGNATION

MATERIAL	STANDARD
PORTLAND CEMENT	ASTM C150, TYPE I, TYPE II, OR 1L
FLY ASH	ASTM C618, CLASS C OR F
AGGREGATE	ASTM C33
WATER	POTABLE
WATER REDUCING ADMIXTURE	ASTM C494, TYPE A OR D
HIGH RANGE WATER REDUCING ADMIXTURE	ASTM C494, TYPE F OR G
ACCELERATOR ADMIXTURE	ASTM C290, TYPE C OR E
AIR ENTRAINING ADMIXTURE	ASTM C260
CURING COMPOUND	ASTM C309, TYPE I, CLASS A
REINFORCING BARS	ASTM A615 GRADE 60 (SPECIFIED YIELD STRENGTH = 60 KSI)
WELDED REINFORCING BARS	ASTM A706 GRADE 60 (SPECIFIED YIELD STRENGTH = 60 KSI)
EPOXY COATED STEEL REINFORCEMENT	ASTM A775
VAPOR RETARDER BELOW SLAB-ON-GRADE	ASTM E1745 CLASS A

NOTES:

1. TYPE III PORTLAND CEMENT MAY BE USED IF ACCEPTABLE TO THE ARCHITECT.

CONCRETE MIX DESIGN REQUIREMENTS

ELEMENT	f'c (psi)	CEMENT TYPE	MAX W/C	MAX AGG	AIR CONTENT (NOTE 1)	SLUMP (NOTE 2)	OTHER (NOTE 3)
FOOTINGS AND GRADE BEAMS	3500, NW	I/II	0.55	1 1/2"	4.5%	4"	NOTE 4
FOUNDATION WALLS AND PILASTERS	4500, NW	I/II	0.45	1"	4.5%	3"	NOTE 4
INTERIOR SLAB ON GRADE	3500, NW	I/II	0.55	1"	1.5%	3"	NOTE 5,6,7
EXTERIOR STRUCTURAL CONCRETE	4500, NW	I/II	0.45	1"	4.5%	3"	NOTE 4

FOOTNOTES:

1.	TOLERANCE ON AIR CONTENT AS DELIVERED SHALL BE AS FOLLOWS:
	FOR f'c LESS THAN OR EQUAL TO 5000PSI = +/- 1.5%
	FOR f'c GREATER THAN 5000PSI = +/- 1.0%
2.	SLUMP TOLERANCES AS FOLLOWS (ACI 117):
	SPECIFIED SLUMP LESS THAN OR EQUAL TO 4" = +/- 1"
	SPECIFIED SLUMP GREATER THAN 4"= +/- 1 1/2"
	SPECIFIED SLUMP OF CONCRETE IS BEFORE ADDITION OF PLASTICIZERS OR HIGH-RANGE WATER REDUCING ADMIXTURES.
3.	MAXIMUM WATER-SOLUBLE CHLORIDE ION (CL-) CONTENT IN CONCRETE BY % WEIGHT OF CEMENT IS 1.0 UNO.
4.	MAXIMUM WATER-SOLUBLE CHLORIDE ION (CL-) CONTENT IN CONCRETE BY % WEIGHT OF CEMENT IS 0.3.
5.	CONCRETE FOR SLABS SHALL HAVE MINIMUM CEMENTITIOUS MATERIALS CONTENT AS FOLLOWS:
	MAX AGGREGATE SIZE LESS THAN 1" = 610 LB/ CU YD
	MAX AGGREGATE SIZE GREATER THAN OR EQUAL TO 1" = 540 LB/ CU YD
6.	NW CONCRETE FOR SLABS TO RECEIVE A HARD-TROWELED FINISH SHALL NOT CONTAIN AIR-ENTRAINING ADMIXTURE OR HAVE A TOTAL AIR CONTENT GREATER THAN 3%.
7.	WHEN FLY ASH IS USED IN SLABS, IT SHOULD BE 25% MAX BY WEIGHT OF TOTAL CEMENTITIOUS MATERIALS.
8.	ADMIXTURES CONTAINING CHLORIDE SALTS SHALL NOT BE USED ON METAL DECKS.
9.	MAXIMUM WATER-SOLUBLE CHLORIDE ION (CL-) CONTENT IN CONCRETE BY % WEIGHT OF CEMENT IS 0.15.
10.	LIMITS ON SUPPLEMENTARY CEMENTITIOUS MATERIALS TO CONFORM TO ACI TABLE 26.4.2.2(b).
11.	USE AGGREGATE SIZE FOR CONCRETE CORE THICKNESS AS FOLLOWS:
	FOR CORE THICKNESS LESS THAN OR EQUAL TO 4" = 3/8" MAX
	FOR CORE THICKNESS LESS THAN OR EQUAL TO 6" = 1/2" MAX
	FOR CORE THICKNESS LESS THAN OR EQUAL TO 8" = 1" MAX

GENERAL CONCRETE MIX NOTES:

1. MIX DESIGNS SHALL BE IN ACCORDANCE WITH ACI 301.
2. STRENGTH (f'c) IS THE 28 DAY COMPRESSIVE STRENGTH UNO OR COMPRESSIVE STRENGTH AT THE SPECIFIED AGE.
3. CONCRETE IS NORMAL WEIGHT (NW) CONCRETE UNO. NORMAL WEIGHT CONCRETE (NW) SHALL HAVE A DRY DENSITY OF 150 PCF MAX UNO.
4. LIGHT WEIGHT CONCRETE (LW) SHALL HAVE A DRY DENSITY OF 110 PCF MAX.
5. MIX DESIGNS NOT FURNISHED, SUCH AS THOSE REQUIRING SULFATE RESISTANCE OR EXPOSED TO DE-ICING CHEMICALS, SHALL BE FOUND IN THE SPECIFICATIONS.

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No.	Description	Date
1	ADDENDUM 01	09/01/26

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PROJECT 25300600
ISSUE 08/21/2026
CONTACT:
CHECKED

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
ELIAS R. JOHANNSSON
No. 13684

CONSTRUCTION DOCUMENTS

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GENERAL NOTES

09/02/2026

S001 1

DIVISION 5 - STEEL

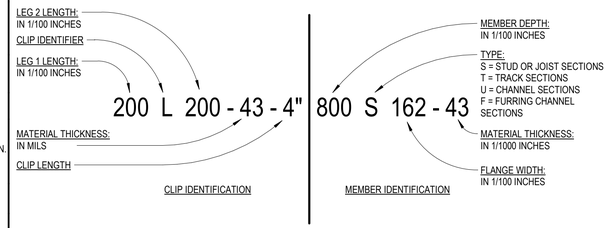
1. STRUCTURAL STEEL SHALL MEET THE FOLLOWING MINIMUM YIELD STRENGTHS (Fy):

		YIELD	ASTM SPECIFICATION
A.	WIDE FLANGE SHAPES:	50 KSI	A992
B.	OTHER SHAPES, BARS, PLATES AND RODS	36 KSI	A36
C.	SQUARE AND RECTANGULAR HSS	46 KSI	A500, GRADE B
		50 KSI	A500, GRADE C
D.	ROUND HSS	42 KSI	A500, GRADE B
		46 KSI	A500, GRADE C
E.	STRUCTURAL STEEL PIPE	35 KSI	A53, TYPE E, GRADE B
F.	ANCHOR RODS	36 KSI	F1554
G.	ALL-THREAD RODS	36 KSI	A36
H.	HEADED STUD ANCHORS	65 KSI (TENSILE)	A108 (GRADE DESIGNATIONS 1010-1020 INCLUSIVE)

2. BOLTS FOR STEEL BEAM AND COLUMN CONNECTIONS SHALL BE 3/4" DIAMETER ASTM A325 HIGH-STRENGTH BOLTS INSTALLED SNUG TIGHT, UNO.
3. WHERE FIELD AND SHOP WELDS ARE INDICATED ON THE DRAWINGS, THEY SHALL BE THE SIZE AND TYPE NOTED. ALL WELDING OF STRUCTURAL STEEL SHALL BE DONE IN ACCORDANCE WITH LATEST EDITION OF AWS D1.1 CORRESPONDING TO THE AISC SPECIFICATION USED, AND ALL WELDS INCLUDING FIELD WELDS SHALL BE MADE BY CERTIFIED WELDERS USING E70XX ELECTRODES.
4. WHERE FIELD WELD SIZES ARE NOT INDICATED ON WELD SYMBOLS, FILLET SIZE SHALL BE 1/16TH INCH SMALLER THAN THICKNESS OF THINNER MATERIALS BEING JOINED.
5. COMPLETE PENETRATION WELDS ARE INDICATED BY NOTATION "CP" ON WELD SYMBOLS, PARTIAL PENETRATION BY "PP".
6. PROVIDE DOUBLE NUTS AND DOUBLE WASHERS FOR STEEL COLUMN ANCHOR BOLTS TO ALLOW FOR ADJUSTMENT IN BASE PLATE...
7. COMPOSITE CONSTRUCTION STEEL BEAMS AND GIRDERS DO NOT REQUIRE SHORING.
8. STUD CONNECTORS FOR COMPOSITE BEAMS AND GIRDERS SHALL BE WELDED THROUGH METAL DECK DIRECTLY TO THE STEEL MEMBER. SEE TYP SHEAR STUD LAYOUT DETAIL FOR STUD CONNECTOR SIZE AND ADDITIONAL INFORMATION.
9. STUD SPACING ON COMPOSITE BEAMS AND GIRDERS SHALL NOT BE LESS THAN 4 1/2" ALONG THE LENGTH OF ANY MEMBER AND SHALL NOT EXCEED 32". MINIMUM STUD SPACING ACROSS THE WIDTH OF ANY FLANGE SHALL NOT BE LESS THAN 3".
10. DO NOT PAINT SURFACES WHICH RECEIVE WELDED STUDS.
11. EXPOSED STEEL LABELED AS ARCHITECTURALLY EXPOSED STEEL REQUIRES HIGHER TOLERANCES FOR CONSTRUCTION. REFER TO SPECIFICATIONS SECTION 051200 FOR REQUIREMENTS. FLARE BEVEL WELDS FOR ARCHITECTURALLY EXPOSED TUBE SHAPED SECTIONS SHALL BE BEVELED 45 DEGREES, WELDED AND GRINDED SMOOTH.
12. ALL STEEL MEMBERS NOTED OR INDICATED ON PLANS, ELEVATIONS, SECTIONS OR DETAILS SHALL BE SHOP ROLLED BY THE STEEL FABRICATOR. SHOP DRAWINGS SHALL INDICATE CURVATURE DATA AND FULL PENETRATION SPLICE LOCATIONS.
13. SEE SPECIFICATIONS FOR MISC. STEEL REQUIREMENTS NOT SHOWN ON STRUCTURAL PLANS.
14. TOUCH UP ALL FIELD WELDS ON GALVANIZED SURFACES WITH GALVANIZING REPAIR PAINT.
15. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR INCLUDING THE COSTS FOR ALL MISCELLANEOUS STEEL IN THEIR BID, REGARDLESS OF WHETHER THOSE ITEMS ARE INDICATED ON THE STRUCTURAL DRAWINGS. THESE COSTS SHALL INCLUDE, BUT NOT LIMITED TO, MISCELLANEOUS STEEL ITEMS SHOWN ON ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.
16. UNLESS DETAILED OTHERWISE OR REACTIONS ARE INDICATED, BEAM CONNECTIONS SHALL BE SELECTED TO SUPPORT ONE-HALF THE TOTAL UNIFORM LOAD CAPACITY SHOWN IN THE "MAXIMUM TOTAL UNIFORM LOAD TABLES" IN PART 3 OF THE AISC STEEL CONSTRUCTION MANUAL, 15TH EDITION, FOR THE GIVEN BEAM SIZE, SPAN AND STEEL SPECIFICATION OR FOR THE BEAM REACTION SHOWN ON THE DRAWINGS, WHICHEVER IS GREATER. THE MINIMUM BEAM CONNECTION SHALL NOT BE SMALLER THAN THOSE LISTED IN TABLES 10-1 AND 10-2 OF THE AISC STEEL CONSTRUCTION MANUAL, 15TH EDITION, FOR THE GIVEN BEAM DEPTH, BOLT DIAMETER AND WELD SPECIFICATION.
17. THE FABRICATOR SHALL BE RESPONSIBLE FOR THE DESIGN AND ADEQUACY OF ALL CONNECTIONS THAT ARE NOT DESIGNED OR FULLY DETAILED ON THE CONTRACT DOCUMENTS. SHOP DRAWINGS, DEPICTING THE CONFIGURATIONS AND FABRICATION DETAILS, ALONG WITH CALCULATIONS, SEALED BY A REGISTERED PROFESSIONAL ENGINEER, LICENSED TO PRACTICE IN THE STATE IN WHICH THE PROJECT IS LOCATED; SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW.
18. UNLESS OTHERWISE INDICATED, BEAM REACTIONS SHOWN ON THE PLANS ARE DESIGN SERVICE LEVEL (ASD) GRAVITY (DEAD LOAD PLUS LIVE LOAD) SHEAR LOADS. ANY AXIAL OR OTHER LOADS REQUIRED MUST BE CONSIDERED IN ADDITION TO THE VERTICAL REACTIONS SHOWN.
19. THE MINIMUM DESIGN LOAD FOR ANY CONNECTION SHALL BE 6 KIPS (ASD) OR 10 KIPS (LRFD), REGARDLESS OF THE BEAM REACTION(S) SHOWN ON THE PLANS.
20. STEEL FRAMES ARE NON SELF-SUPPORTING AND COLUMN ANCHOR RODS ARE DESIGNED FOR A COMPLETED CONDITION ONLY. METAL ROOF DECK, BEAM-TO-COLUMN MOMENT CONNECTIONS, PORTAL FRAMES, AND DIAGONAL BRACES ARE REQUIRED TO PROVIDE LATERAL STABILITY FOR THE FRAME AND BUILDING. THIS INCLUDES RESISTANCE TO WIND AND SEISMIC FORCES DURING AND AFTER CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING REQUIRED TO MAINTAIN STABILITY UNTIL THE LATERAL FORCE RESISTING SYSTEM FOR THE BUILDING IS COMPLETE.
21. STAIR SUPPLIER TO PROVIDE POST/HANGER SUPPORTS AT INTERMEDIATE LANDINGS AS REQUIRED. POST/HANGERS SHALL LOAD BEAMS CONCENTRICALLY.
22. AT EACH SIDE OF THE ROOF ACCESS LADDERS, PROVIDE C6x8.2 VERTICAL INSIDE OF STUD WALL AT EXTERIOR WALLS AND PROVIDE DOUBLE 54-MIL STUDS AT INTERIOR WALLS. SEE ARCH FOR LOCATIONS.
23. FIELD CUTTING, DRILLING OR OTHER MODIFICATION OF STRUCTURAL STEEL COMPONENTS IS NOT PERMITTED WITHOUT WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD. WHERE BEAM PENETRATIONS CANNOT BE AVOIDED OR WHERE CUTTING IS REQUIRED, THE CONTRACTOR SHALL SUBMIT TO THE STRUCTURAL ENGINEER OF RECORD ALL PERTINENT INFORMATION INCLUDING PENETRATION SHAPE, SIZE, LOCATION AND METHOD OF CUTTING OPENINGS.
24. ALL STEEL MEMBERS EXPOSED TO WEATHER SHALL BE GALVANIZED OR PAINTED WITH TNEMEC EPOXY SYSTEM OR SIMILAR SYSTEM MEETING THE REQUIREMENT FOR PAINTING STRUCTURAL STEEL IN THE PROJECT SPECIFICATIONS. ALL OTHER STEEL MEMBERS SHALL BE FURNISHED WITH A SHOP COAT OF TNEMEC RED OR GRAY OXIDE PRIMER OR SIMILAR SYSTEM MEETING THE REQUIREMENT FOR PAINTING STRUCTURAL STEEL IN THE PROJECT SPECIFICATIONS. ALL PRIMERS SHALL BE COMPATIBLE WITH TOP COATINGS SPECIFIED.

DIVISION 5 - COLD-FORMED STEEL FRAMING

1. ALL METAL STUDS, JOISTS AND TRACK SHALL MEET THE FOLLOWING MINIMUM GROSS STRUCTURAL PROPERTIES BASED ON SSMA (ER #4943P) SECTIONS. YIELD STRENGTH SHALL BE AS FOLLOWS: 33 KSI FOR 18 GAGE AND LIGHTER, 50 KSI FOR 16 GAGE AND HEAVIER.
2. DO NOT WELD 20 GAGE AND LIGHTER FRAMING, UNLESS SPECIFICALLY CALLED FOR IN PLANS AND DETAILS.
3. MINIMUM WIDTH OF THE STUDS SHALL BE 1 5/8", AND THE LIP OF THE "C" PORTION SHALL BE A MINIMUM OF 1/2".
4. STUD TRACK SHALL BE 18 GA. MINIMUM FOR WALL STUDS 18 GA. OR LIGHTER. STUD TRACK SHALL MATCH WALL STUD GAGE FOR WALL STUDS 16 GA. AND HEAVIER. TRACKS SHALL BE ANCHORED AS FOLLOWS UNO:
   - TO STEEL - HILTI X-S16 P8TH, 0.145" DIA. PAF AT 16" OC.
   - TO CONCRETE - HILTI X-U, 0.157" DIA PAF AT 16" OC WITH 1 1/4" EMBEDMENT
5. STEEL STUDS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. HORIZONTAL BRIDGING SHALL BE PLACED AT 4'-0" OC, OR AS PER MANUFACTURER'S RECOMMENDATION IF LESS THAN 4'-0" OC.
6. ALL AXIALLY LOADED STUDS SHALL HAVE FULL FLANGE BEARING AGAINST UPPER AND LOWER TRACK WEB PRIOR TO ATTACHMENT TO TRACK. SPLICES IN AXIALLY LOADED STUDS ARE NOT PERMITTED.
7. PROVIDE FULL DEPTH BLOCKING BETWEEN JOISTS AT SUPPORTS WHERE JOISTS ARE NOT OTHERWISE RESTRAINED FROM ROTATION, AND AS INDICATED IN THE SECTIONS.
8. JOISTS SHALL BE PLACED DIRECTLY OVER BEARING STUDS AND JOIST WEB STIFFENERS SHALL BE PROVIDED AT ALL REACTION POINTS AND AS OTHERWISE SHOWN ON THE DRAWINGS.
9. JOIST BRIDGING SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. JOIST BRIDGING SHALL BE INSTALLED AT 8'-0" OC MAXIMUM. APPLIED FINISH MATERIALS SHALL NOT BE CONSIDERED BRIDGING OR FLANGE BRACING, UNLESS NOTED OTHERWISE.
10. CONNECTIONS OF COLD-FORMED METAL FRAMING SHALL CONFORM TO THE FOLLOWING:
    A. ALL WELDED CONNECTIONS TO BE PERFORMED IN ACCORDANCE WITH THE LATEST VERSION OF AWS D1.3 "SPECIFICATIONS FOR WELDING SHEET STEEL STRUCTURES". CONSULT AWS D19.0 "WELDING ZINC COATED STEEL" & ANSI STANDARD Z49.1 FOR INFORMATION REGARDING SAFE WELDING PROCEDURES. WELDERS SHALL BE CERTIFIED FOR SHEET STEEL IN ALL POSITIONS REQUIRED PER AWS D1.3.
    B. ALL WELDS ARE TO BE TOUCHED-UP WITH A RUST INHIBITIVE GALVANIZING PAINT.
    C. SUGGESTED WELD METAL AND PROCESS FOR SHOP WELDING ARE: 60 KSI WELD METAL STRENGTH (MINIMUM) - MIG. SUGGESTED METHODS FOR FIELD WELDING: 1/8 INCH E60XX (MINIMUM) ELECTRODE - SMAW; OR "GASLESS" MIG. MINIMUM WELD THROAT THICKNESS (T) MUST MATCH OR EXCEED THE BASE STEEL THICKNESS OF THE THINNEST CONNECTED PART (UNO).
    D. ALL SCREWS SHALL BE OF THE DIAMETER AND SIZE INDICATED ON THE DRAWINGS AND SHALL BE THOSE MANUFACTURED AND TESTED BY GRABBER, ITW BUILDEX, OR APPROVED EQUIVALENT. A MINIMUM OF (1.5 x) SCREW DIAMETER EDGE DISTANCE AND (3 x) SCREW DIAMETER SPACING IS REQUIRED (UNO)
    E. SELECT SCREW WITH AN ADEQUATE CUTTING TIP TO ACCOMMODATE THE TOTAL THICKNESS TO BE DRILLED. DRILLING MUST BE COMPLETED BEFORE THE THREADS ENGAGE THE MATERIAL.
    F. CONNECTIONS NOT FULLY DETAILED ON THE CONTRACT DOCUMENTS SHALL BE DESIGNED BY THE CONTRACTOR PER THE SPECIFICATION.
11. TORCH CUTTING OF COLD-FORMED METAL FRAMING MEMBERS IS NOT PERMITTED.
12. ROOF AND FLOOR JOISTS MUST ALIGN DIRECTLY OVER STUDS (UNO).
13. PER AISI S200, THE MAXIMUM ALLOWABLE GAP (MEASURED BETWEEN THE WEB OF THE STUD AND THE WEB OF THE TRACK) FOR A STUD SEATED IN A TRACK IS 1/4" FOR NON-AXIAL LOAD BEARING CONDITIONS AND 1/8" FOR AXIALLY LOAD BEARING CONDITIONS (UNO). PRESSURE SHALL BE APPLIED TO NEST STUDS INTO THE TRACKS UNTIL THESE TOLERANCES ARE ACHIEVED.
14. PRODUCT IDENTIFICATION:
    A. THE AMERICAN IRON AND STEEL INSTITUTE STANDARDS ARE USED IN THESE DOCUMENTS. ANY MANUFACTURER WHOSE PRODUCT GEOMETRIES MEET OR EXCEED AISI STANDARDS ARE ACCEPTABLE.
    B. IDENTIFICATION:



CFS THICKNESS

GAUGE	DESIGN	MINIMUM	AISI	COLOR
20	0.0346"	0.0329"	33 MILS	WHITE
18	0.0451"	0.0428"	43 MILS	YELLOW
16	0.0566"	0.0538"	54 MILS	GREEN
14	0.0713"	0.0677"	68 MILS	ORANGE
12	0.1017"	0.0966"	97 MILS	RED

SUBMITTALS

1. TRANSMIT SUBMITTALS SUFFICIENTLY IN ADVANCE OF RELATED CONSTRUCTION ACTIVITIES TO AVOID UNNECESSARY DELAY. THE STRUCTURAL ENGINEER OF RECORD MAY WITHHOLD ACTION ON A SUBMITTAL REQUIRING COORDINATION WITH OTHER SUBMITTALS UNTIL ALL RELATED SUBMITTALS ARE RECEIVED.
2. THE GENERAL CONTRACTOR SHALL SUBMIT ONE ELECTRONIC PORTABLE DOCUMENT FORMAT (PDF) COPY OF ALL REQUIRED SUBMITTALS THROUGH THE ARCHITECT FOR REVIEW. THE ELECTRONIC COPY WILL BE MARKED UP BY THE STRUCTURAL ENGINEER OF RECORD. ONE COPY WILL BE KEPT BY THE STRUCTURAL ENGINEER OF RECORD AND AN ADDITIONAL COPY WILL BE RETURNED TO THE ARCHITECT. THE ARCHITECT WILL KEEP ONE COPY AND RETURN A COPY TO THE CONTRACTOR. THE CONTRACTOR WILL MAKE ADDITIONAL COPIES AS REQUIRED.
3. THE GENERAL CONTRACTOR SHALL SUBMIT, FOR ENGINEER REVIEW, SHOP DRAWINGS FOR THE FOLLOWING ITEMS:
   A. CONCRETE MIX DESIGNS (3)
   B. CONSTRUCTION JOINT LOCATIONS IN STRUCTURAL FLOORS, WALLS AND SLABS-ON-GRADE
   C. MISCELLANEOUS STEEL
   D. REINFORCING STEEL
   E. STRUCTURAL STEEL: SHOP AND ERECTION DRAWINGS
   F. STRUCTURAL STEEL : CONNECTIONS OF FRAMING AND BRACING ELEMENTS (1,4)
   G. WALL AND FLOOR SHORING DRAWINGS (1,2)
   H. SHORING FOR TEMPORARY CONSTRUCTION LOADS (1,2)

NOTES:

1. SHALL BE SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED PER THE PROJECT SPECIFICATIONS.
2. SHALL BE SUBMITTED TO THE ENGINEER FOR RECORD ONLY AND WILL NOT RECEIVE THE ENGINEER'S SHOP DRAWING STAMP.
3. SHALL BE SUBMITTED TO THE ENGINEER AND THE OWNER'S TESTING AGENCY FOR REVIEW.
4. ITEM IS A DEFERRED SUBMITTAL WHICH HAS NOT BEEN COMPLETED AND IS TO BE SUBMITTED TO THE BUILDING OFFICIAL AND APPROVED PRIOR TO INSTALLATION. THE MANUFACTURER, CONSULTANT, OR CONTRACTOR, AS APPROPRIATE SHALL PROVIDE SUBMITTALS TO THE ENGINEER OF RECORD FOR REVIEW.
5. ALL SHOP DRAWINGS MUST BE REVIEWED AND ELECTRONICALLY STAMPED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL.
6. CALCULATIONS ARE REQUIRED TO BE SIGNED AND SEALED AND CAN BE SUBMITTED AFTER JOIST ERECTION SUBMITTAL.

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No.	Description	Date
1	ADDENDUM 01	09/01/26

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PROJECT 25300600
ISSUE 08/21/2026
CONTACT:
CHECKED

CONSTRUCTION DOCUMENTS

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
ELIAS R. JOHANNSSON
No. 13684
09/02/2026

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GENERAL NOTES

S002 1

SPECIAL INSPECTION NOTES

1. SPECIAL INSPECTION SHALL BE PROVIDED BY THE OWNER ACCORDING TO SECTION 1705 OF IBC 2021. THE APPROVED SPECIAL INSPECTOR SHALL DEMONSTRATE COMPETENCE FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION. THE SPECIAL INSPECTOR SHALL SEND REPORTS TO THE OWNER, THE BUILDING OFFICIAL, THE ARCHITECT, THE STRUCTURAL ENGINEER OF RECORD, AND TO THE CONTRACTOR. THE SPECIAL INSPECTOR SHALL BRING NON-CONFORMING ITEMS TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR AND NOTE ALL SUCH ITEMS IN THE REPORTS. ANY UNRESOLVED ITEM ABOUT THE COVERED WORK SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S CONSTRUCTION MANAGER AS WELL AS THE ARCHITECT AND STRUCTURAL ENGINEER OF RECORD. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL SIGNED REPORT STATING WHETHER OR NOT THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE INSPECTOR'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE SPECIAL INSPECTION AGENCY REGARDING INDIVIDUAL INSPECTIONS FOR ITEMS LISTED ON THE SCHEDULE AND AS NOTED ON THE BUILDING DEPARTMENT APPROVED PLANS. ADEQUATE NOTICE AND ACCESS TO APPROVED PLANS SHALL BE PROVIDED SO THAT THE SPECIAL INSPECTOR HAS TIME TO BECOME FAMILIAR WITH THE PROJECT.
2. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING CONSTRUCTION DOCUMENTS FOR ADDITIONAL NON-STRUCTURAL SPECIAL INSPECTION ITEMS.
3. IN ACCORDANCE WITH IBC CHAPTER N, THE FOLLOWING TYPES OF WORK REQUIRE SPECIAL INSPECTIONS AND TESTING:

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION PRIOR TO BOLTING

REFERENCE AISC 360-16, TABLE N5.6-1

OBSERVE (O): THE INSPECTOR SHALL OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PERFORM (P): THESE TASKS SHALL BE PERFORMED FOR EACH WELDED JOINT OR MEMBER.	QUALITY CONTROL	QUALITY ASSURANCE
VERIFICATION AND INSPECTION TASK	QC	QA
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	O	P
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	O	O
CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	O	O
CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	O	O
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	O	O
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	P	O
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	O	O

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION DURING BOLTING

REFERENCE AISC 360-16, TABLE N5.6-2

OBSERVE (O): THE INSPECTOR SHALL OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PERFORM (P): THESE TASKS SHALL BE PERFORMED FOR EACH WELDED JOINT OR MEMBER.	QUALITY CONTROL	QUALITY ASSURANCE
VERIFICATION AND INSPECTION TASK	QC	QA
FASTENER ASSEMBLIES, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	O	P
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	O	O
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	O	O
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID TOWARD THE FREE EDGES	O	O

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION AFTER BOLTING

REFERENCE AISC 360-16, TABLE N5.6-3

OBSERVE (O): THE INSPECTOR SHALL OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PERFORM (P): THESE TASKS SHALL BE PERFORMED FOR EACH WELDED JOINT OR MEMBER.	QUALITY CONTROL	QUALITY ASSURANCE
VERIFICATION AND INSPECTION TASK	QC	QA
DOCUMENT ACCEPTANCE OR REJECTED OF BOLTED CONNECTIONS	P	P

SPECIAL INSPECTION AND VERIFICATION OF SOILS

REFERENCE IBC 2018, TABLE 1705.6

VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	--	X
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	--	X
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	--	X
DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	--
PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	--	X

SPECIAL INSPECTION AND VERIFICATION OF CONCRETE CONSTRUCTION

REFERENCE IBC 2021, TABLE 1705.3

VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	--	X
2. REINFORCING BAR WELDING:		
a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	--	X
b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	--	X
c. INSPECT ALL OTHER WELDS	X	--
3. INSPECT ANCHORS CAST IN CONCRETE	--	X
4. INSPECTION OF ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS.		
a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS	X	--
b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4a	--	X
5. VERIFY USE OF REQUIRED DESIGN MIX	--	X
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	--
7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X	--
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	--	X
9. INSPECT PRESTRESSED CONCRETE FOR:		
a. APPLICATION OF PRESTRESSING FORCES	X	--
b. GROUTING OF BONDED PRESTRESSING TENDONS	X	--
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS	--	X
11. FOR PRECAST CONCRETE DIAPHRAGM CONNECTIONS OR REINFORCEMENT AT JOINTS CLASSIFIED AS MODERATE OR HIGH DEFORMABILITY ELEMENTS (MDE OR HDE) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C,D,E OR F, INSPECT SUCH CONNECTIONS AND REINFORCEMENT IN THE FIELD FOR:		
a. INSTALLATION OF THE EMBEDDED PARTS	X	--
b. COMPLETION OF THE CONTINUITY OF REINFORCEMENT ACROSS JOINTS	X	--
c. COMPLETION OF CONNECTIONS IN THE FIELD	X	--
12. INSPECT INSTALLATION TOLERANCES OF PRECAST CONCRETE DIAPHRAGM CONNECTIONS FOR COMPLIANCE WITH ACI 550.5.	--	X
13. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS	--	X
14. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	--	X

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION PRIOR TO WELDING

REFERENCE AISC 360-16, TABLE N5.4-1

OBSERVE (O): THE INSPECTOR SHALL OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PERFORM (P): THESE TASKS SHALL BE PERFORMED FOR EACH WELDED JOINT OR MEMBER.	QUALITY CONTROL	QUALITY ASSURANCE
VERIFICATION AND INSPECTION TASK	QC	QA
WELDING QUALIFICATION RECORDS AND CONTINUITY RECORDS	P	O
WPS AVAILABLE	P	P
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	P	P
MATERIAL IDENTIFICATION (TYPE/GRADE)	O	O
WELDER IDENTIFICATION SYSTEM [a]	O	O
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) • JOINT PREPARATION • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION) • BACKING TYPE AND FIT (IF APPLICABLE)	O	O
FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y- AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY) • JOINT PREPARATION • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)	P	O
CONFIGURATION AND FINISH OF ACCESS HOLES	O	O
FIT-UP OF FILLET WELDS • DIMENSIONS (ALIGNMENT, GAPS AT ROOT) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)	O	O
CHECK WELDING EQUIPMENT	O	--

[a] THE FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED SHALL BE THE LOW-STRESS TYPE.

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION DURING WELDING

REFERENCE AISC 360-16, TABLE N5.4-2

OBSERVE (O): THE INSPECTOR SHALL OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PERFORM (P): THESE TASKS SHALL BE PERFORMED FOR EACH WELDED JOINT OR MEMBER.	QUALITY CONTROL	QUALITY ASSURANCE
VERIFICATION AND INSPECTION TASK	QC	QA
CONTROL AND HANDLING OF WELDING CONSUMABLES • PACKAGING • EXPOSURE CONTROL	O	O
NO WELDING OVER CRACKED TACK WELDS	O	O
ENVIRONMENTAL CONDITIONS • WIND SPEED WITHIN LIMITS • PRECIPITATION AND TEMPERATURE	O	O
WPS FOLLOWED • SETTINGS ON WELDING EQUIPMENT • TRAVEL SPEED • SELECTED WELDING MATERIALS • SHIELDING GAS TYPE/FLOW RATE • PREHEAT APPLIED • INTERPASS TEMPERATURE MAINTAINED (MIN/MAX) • PROPER POSITION (F, V, H, OH)	O	O
WELDING TECHNIQUES • INTERPASS AND FINAL CLEANING • EACH PASS WITHIN PROFILE LIMITATIONS • EACH PASS MEETS QUALITY REQUIREMENTS	O	O
PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	P	P

SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION AFTER WELDING

REFERENCE AISC 360-16, TABLE N5.4-3

OBSERVE (O): THE INSPECTOR SHALL OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS. PERFORM (P): THESE TASKS SHALL BE PERFORMED FOR EACH WELDED JOINT OR MEMBER.	QUALITY CONTROL	QUALITY ASSURANCE
VERIFICATION AND INSPECTION TASK	QC	QA
WELDS CLEANED	O	O
SIZE, LENGTH AND LOCATION OF WELDS	P	P
WELDS MEET VISUAL ACCEPTANCE CRITERIA • CRACK PROHIBITION • WELD/BASE-METAL FUSION • CRATER CROSS SECTION • WELD PROFILES • WELD SIZE • UNDERCUT • POROSITY	P	P
ARC STRIKES	P	P
K-AREA [a]	P	P
WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES [b]	P	P
BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	P	P
REPAIR ACTIVITIES	P	P
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	P	P
NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR	O	O

[a] WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE K-AREA, VISUALLY INSPECT THE WEB K-AREA FOR CRACKS WITHIN 3 IN (75 MM) OF THE WELD.

[b] AFTER ROLLED HEAVY SHAPES (SEE SECTION A3.1c) AND BUILT-UP HEAVY SHAPES (SEE SECTION A3.1d) ARE WELDED, VISUALLY INSPECT THE WELD ACCESS HOLE FOR CRACKS.

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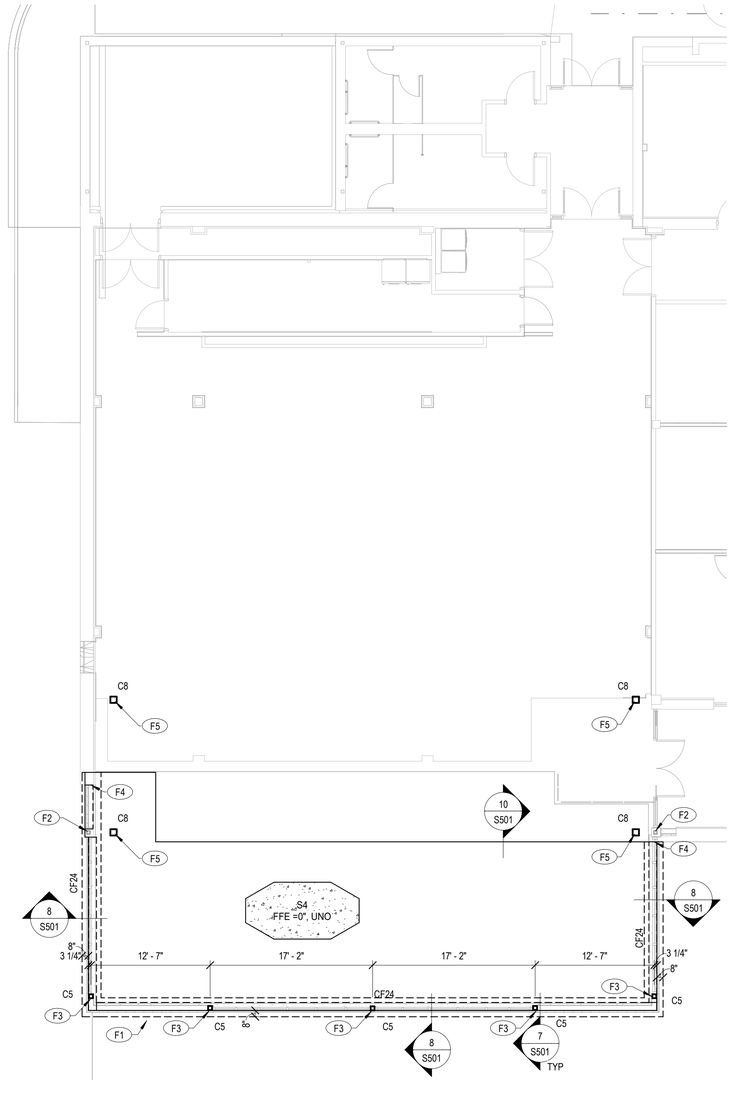
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SPECIAL INSPECTIONS

S011 1

FIELD VERIFICATION NOTE

VERIFY ALL DIMENSIONS AND EXISTING STRUCTURAL MEMBER SIZES IN THE FIELD PRIOR TO FABRICATION OF STRUCTURAL ITEMS. EXISTING PORTIONS OF THE PLANS ARE FROM A PRELIMINARY FIELD SURVEY, WHICH MAY OR MAY NOT REFLECT ACTUAL AS-BUILT CONDITIONS AND DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND BETWEEN WHAT IS SHOWN ON THE DRAWINGS AND WHAT EXISTS IN THE FIELD, CONTACT THE ARCHITECT TO DETERMINE WHAT SHOULD BE DONE TO MATCH EXISTING CONDITIONS AS REQUIRED. BEGINNING OF FABRICATION MEANS ACCEPTANCE OF EXISTING CONDITIONS.



1 FOUNDATION PLAN
1/8" = 1'-0"

PLAN NORTH

PLAN NOTES - FOUNDATION (F)

F1 TOF ELEV TO BE 1'-0" BELOW GRADE, UNO.

F2 EXISTING COLUMN, FIELD VERIFY LOCATION AND SIZE. WHERE POURING NEW CONCRETE AGAINST EXISTING COLUMNS PROVIDE 1/2" THK FELT EXP MATERIAL AROUND COLUMN AT FULL PORTION CONCEALED BY CONCRETE.

F3 TOP OF WALL AT -0'-8" BELOW FINISH FLOOR. USE BASE PLATE B1 TYP UNO

F4 DOWEL HORIZ REINF INTO EXISTING STEMWALL AND FOUNDATION 6" WITH HILTI HIT HY200 INJECTION MORTAR.

F5 PROVIDE HELICAL PILE TO SUPPORT 50 KIPS ASD LEVEL LOAD. DEMO AND REPLACE SLAB AS NEEDED. VERIFY LOCATION WILL AVOID CONTACT WITH EXISTING FOUNDATIONS. SEE DETAIL 12/S501

GENERAL FOUNDATION NOTES (S)

SOME GENERAL SHEET NOTES MAY NOT APPLY TO THIS SHEET.

1. SEE SHEET S001 FOR GENERAL NOTES.
2. SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN. COORDINATE SLAB ELEVATIONS AND SLOPES WITH ARCHITECTURAL PLANS.
3. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
4. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE DURING CONSTRUCTION FOR THE SLAB AREA. SLAB SUBGRADE SHALL NOT BE ALLOWED TO RETAIN WATER DURING CONSTRUCTION.
5. SEE SHEET FOUNDATION DETAILS FOR REINFORCEMENT AT RE-ENTRANT CORNERS AND DISCONTINUOUS JOINTS.
6. SLAB BLOCKOUTS AT COLUMNS AND BRACED FRAMES SHALL BE SIZED AS REQUIRED TO PROPERLY INSTALL AND CONNECT COLUMNS AND DIAGONAL BRACES, SEE SHEET S501.
7. CONTROL JOINTS SHOULD NOT BE SPACED MORE THAN 15'-0" OC, AND THE PANELS SO FORMED BY THE CONTROL JOINTS SHOULD NOT EXCEED A LENGTH TO WIDTH RATIO OF 1.5.
8. THICKENED SLAB AT FLOOR BOXES AND CONDUIT TO MAINTAIN A MINIMUM 4" SLAB THICKNESS. SEE ELECTRICAL DRAWINGS FOR LOCATIONS.
9. HOUSEKEEPING PADS SHALL BE 4" NW CONCRETE PAD PLACED ON SLAB. REINFORCE PAD WITH #3 AT 12" OC, EW. SEE MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF PADS.
10. SEE PLAN FOR SLAB THICKNESS AND REINFORCING, PROVIDE 15 MIL MINIMUM VAPOR RETARDER OVER 4" GRANULAR BASE COURSE OVER PROPERLEY PREPARED SUBGRADE.
11. FINISHED FLOOR ELEVATION
ARCH = 0'-0"

SLAB ON GRADE SCHEDULE

MARK	SLAB		REINF	BEARING STRATA
	THK	MATL		
S4	4"	CONC	#4 AT 16" OC EW WITH 1 1/2" TOP COVER	SEE GENERAL FDN NOTES

COLUMN SCHEDULE

MARK	SIZE	COMMENTS
C5	HSS5X5X1/4	SEE BASE PLATE SCHED - S501
C8	HSS8X8X1/2	SEE BASE PLATE SCHED - S501

CONTINUOUS FOOTING SCHEDULE

MARK	SIZE		REINFORCEMENT
	WIDTH	DEPTH	
CF24	2' - 0"	1' - 6"	(2) #5 CONT T&B W/#3 TIES AT 48" OC

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FOUNDATION PLAN
09/02/2026

S101 1

FIELD VERIFICATION NOTE

VERIFY ALL DIMENSIONS AND EXISTING STRUCTURAL MEMBER SIZES IN THE FIELD PRIOR TO FABRICATION OF STRUCTURAL ITEMS. EXISTING PORTIONS OF THE PLANS ARE FROM A PRELIMINARY FIELD SURVEY, WHICH MAY OR MAY NOT REFLECT ACTUAL AS-BUILT CONDITIONS AND DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND BETWEEN WHAT IS SHOWN ON THE DRAWINGS AND WHAT EXISTS IN THE FIELD, CONTACT THE ARCHITECT TO DETERMINE WHAT SHOULD BE DONE TO MATCH EXISTING CONDITIONS AS REQUIRED. BEGINNING OF FABRICATION MEANS ACCEPTANCE OF EXISTING CONDITIONS.

PLAN NOTES - ROOF FRAMING (R)

R1 EXISTING 12" DEEP BAR JOISTS AT 4'-0" OC. MAX SPAN = 25'-0" FIELD VERIFY

R2 EXISTING 12" DEEP BAR JOISTS AT 4'-0" OC. MAX SPAN = 22'-6" FIELD VERIFY

R3 NEW SKYLIGHT, SEE ARCH. BAR JOISTS ARE NOT TO BE MODIFIED OR CUT TYP, UNO. IF SKYLIGHT SPANS ACROSS THE TOP OF A JOIST WHICH REMOVES THE ROOF DECK FROM THE TOP CHORD OF THE JOIST, SEE DETAIL 7/SS22.

R4 EXTEND COLUMN UP TO EXISTING STEEL FRAMING AND ATTACH W/ L4x4x1/4 TO EXISTING BEAM. CONTACT EOR WITH FINAL CONFIGURATION PRIOR TO ERECTION FOR FINAL APPROVAL.

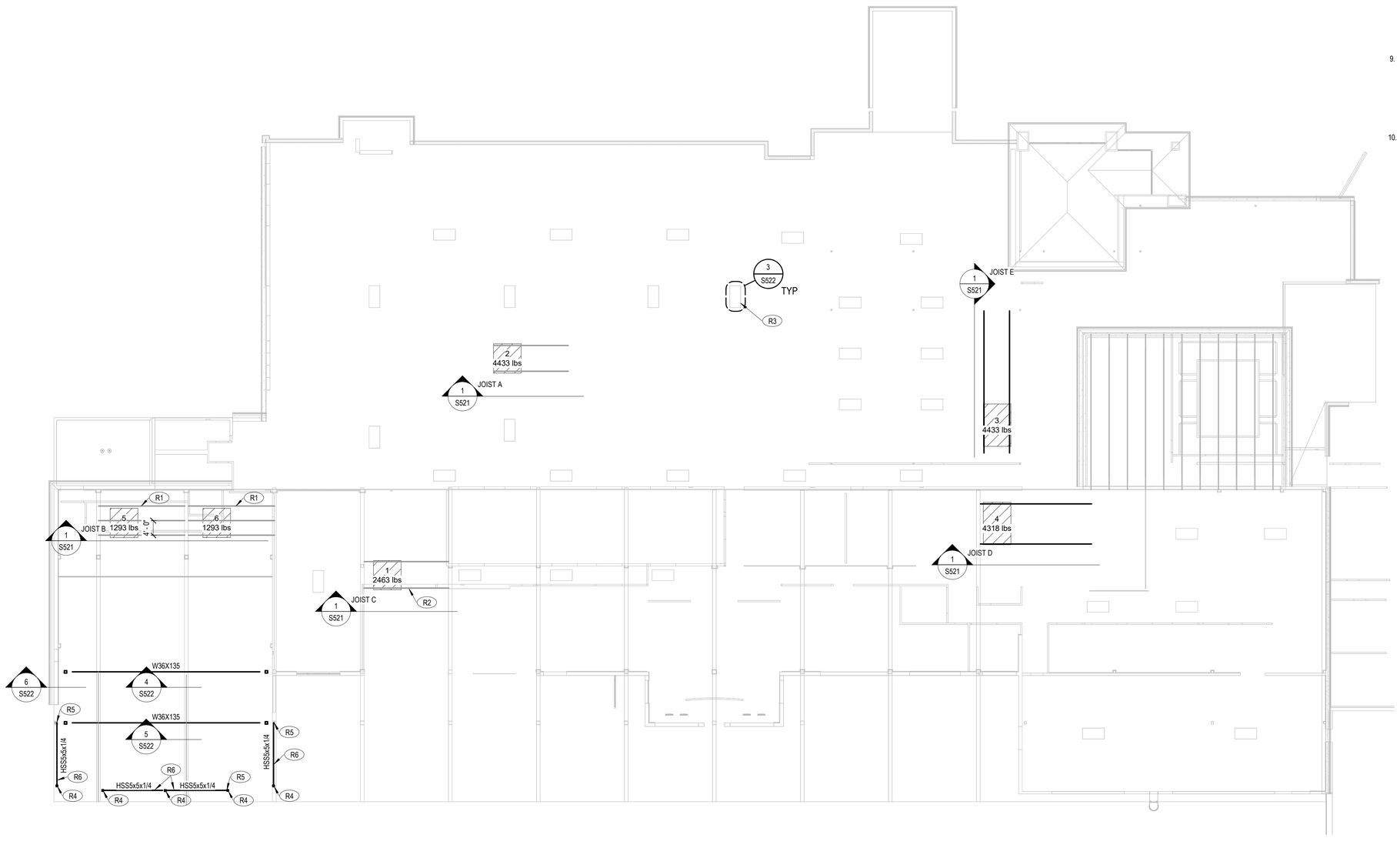
R5 ATTACH HEADER AT EA END W/ L4x4x1/4 SEAT W/ MIN 3" OF 1/8" FILLET WELD EA SIDE OF HEADER TYP UNO.

R6 BOT OF HEADER AT TOP OF OPENING. REF ARCH FOR MORE INFO.

GENERAL ROOF FRAMING NOTES (S)

SOME GENERAL SHEET NOTES MAY NOT APPLY TO THIS SHEET.

1. SEE SHEET S001 FOR GENERAL NOTES.
2. SEE ARCHITECTURAL PLANS FOR DIMENSIONS NOT SHOWN.
3. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SIZES AND LOCATION OF PENETRATIONS NOT INDICATED ON STRUCTURAL DRAWINGS.
4. "DBE" INDICATES DECK BEARING ELEVATION.
5. NO HANGING LOADS SHALL BE APPLIED TO THE ROOF DECK.
6. CONCENTRATED LOADS AT STEEL JOIST BOTTOM CHORD OR TOP CHORD MAY OCCUR UP TO 1'-0" AWAY FROM LOCATION SHOWN. LOADS INDICATED ARE FACTORED FOR USE WITH ALLOWABLE STRESS DESIGN (ASD) METHOD. SEE TYPICAL MECHANICAL UNIT SUPPORT DETAIL. SEE MECHANICAL FOR EXACT LOCATIONS.
7. STEEL JOIST MANUFACTURER SHALL COORDINATE MECHANICAL DUCT LOCATIONS TO AVOID CONFLICT WITH BRIDGING.
8. JOIST BRIDGING AND ERECTION STABILITY SHALL BE PROVIDED IN ACCORDANCE WITH THE OCCUPATIONAL SAFETY AND HAZARD ADMINISTRATION (OSHA) AND THE STEEL JOIST INSTITUTE (SJI) SPECIFICATIONS OF LATEST ADOPTION TYPICAL FOR GRAVITY AND UPLIFT LOADS SUPERIMPOSED ON ALL JOISTS . DIAGONAL BRIDGE SHALL BE PROVIDED BETWEEN ADJACENT JOISTS WHENEVER BOTTOM CHORD HORIZONTAL BRIDGING DISCONTINUES.
9. STEEL FABRICATOR SHALL DESIGN BEAM CONNECTIONS TO COLUMNS OR TO BEAMS FOR THE TOTAL REACTIONS SHOWN ON THE PLANS. REACTIONS INDICATED ARE FACTORED FOR USE WITH ALLOWABLE STRESS DESIGN (ASD) METHOD. IF NO REACTION IS SHOWN ON THE PLANS, DESIGN FOR THE ASD FACTORED REACTION SHOWN IN THE STEEL BEAM MINIMUM CONNECTION SCHEDULE.
10. ADDITIONAL PLATES, INCLUDED BUT NOT LIMITED TO DOUBLER PLATES AND STIFFENER PLATES, ARE THE RESPONSIBILITY OF THE CONNECTIONS ENGINEER.



1 ROOF FRAMING PLAN
1/16" = 1'-0"
PLAN NORTH

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No. 2657
ARKANSAS ENGINEER

OZARKS ELECTRIC COOPERATIVE

3641 W WEDINGTON DR.
FAYETTEVILLE, AR

No.	Description	Date
1	ADDENDUM 01	09/01/26

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PROJECT 25300600
ISSUE 08/21/2026
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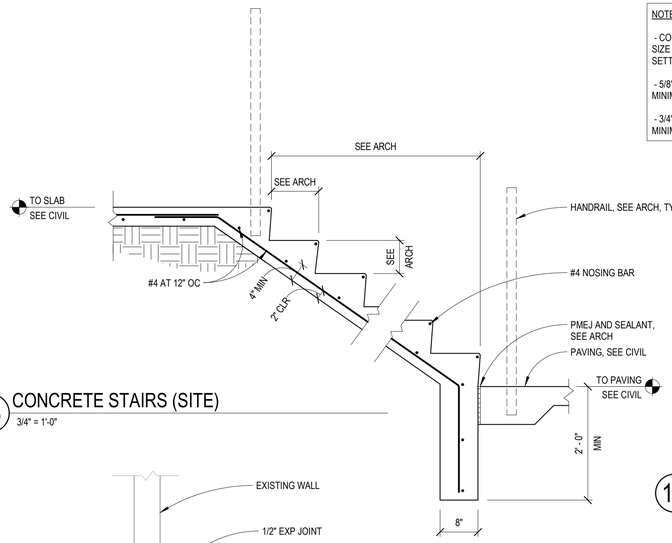
STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
ELIAS R. JOHANNSSON
No.13684

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ROOF FRAMING PLAN

09/02/2026

S102 1



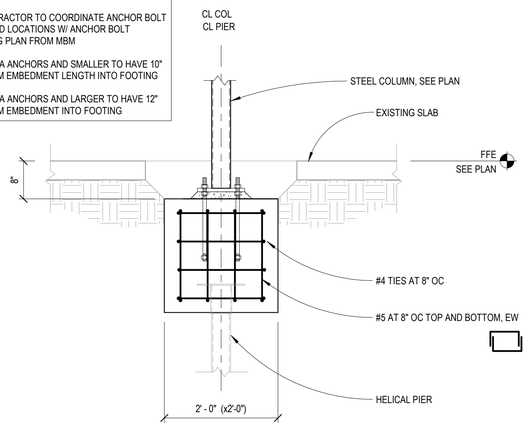
13 CONCRETE STAIRS (SITE)
3/4" = 1'-0"

NOTES:

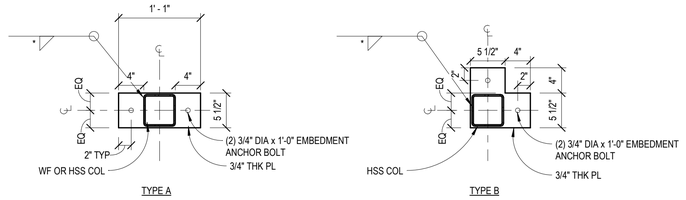
- CONTRACTOR TO COORDINATE ANCHOR BOLT SIZE AND LOCATIONS W/ ANCHOR BOLT SETTING PLAN FROM MBM

- 5/8" DIA ANCHORS AND SMALLER TO HAVE 10" MINIMUM EMBEDMENT LENGTH INTO FOOTING

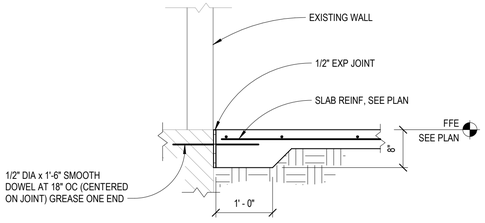
- 3/4" DIA ANCHORS AND LARGER TO HAVE 12" MINIMUM EMBEDMENT INTO FOOTING



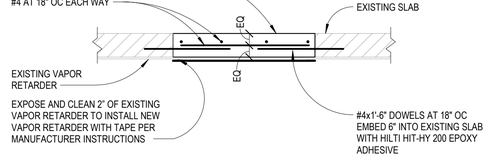
12 INTERIOR ISOLATED FOUNDATION
3/4" = 1'-0"

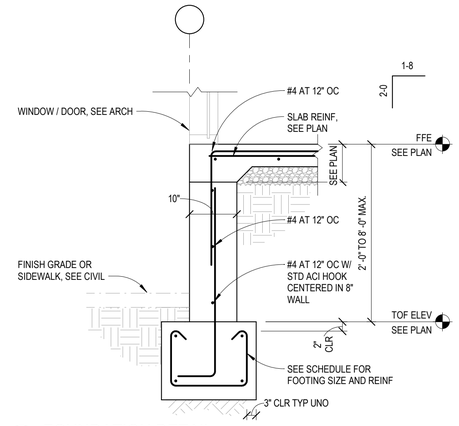


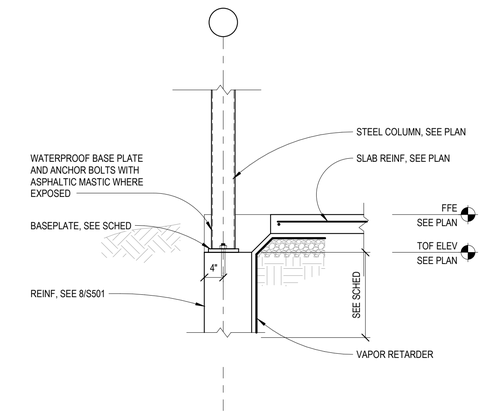
11 COLUMN BASE PLATE SCHEDULE
NO SCALE



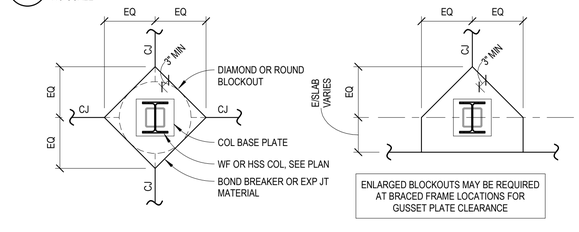
10 SLAB AT EXISTING
3/4" = 1'-0"



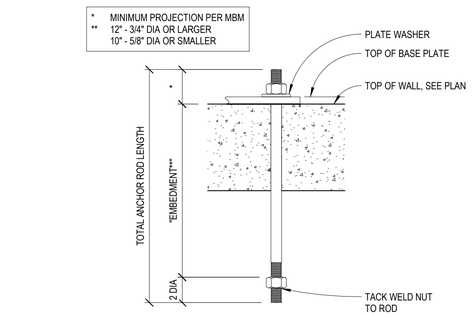




7 STOREFRONT COLUMN DETAIL
3/4" = 1'-0"

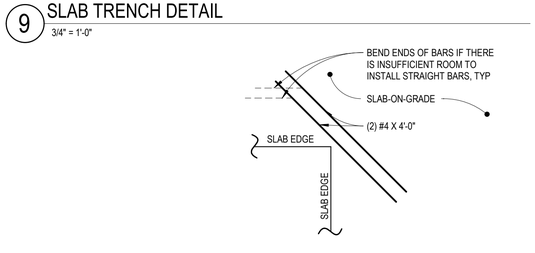


6 ANCHOR RODS
NO SCALE

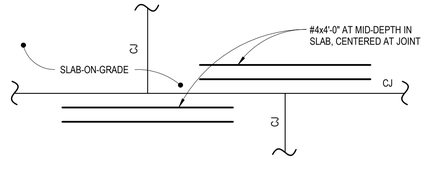


NOTES:
1. ANCHOR RODS SHALL MEET THE REQUIREMENTS OF ASTM F1554 UNLESS NOTED OTHERWISE.
2. ALL ANCHOR RODS SHALL BE FURNISHED WITH HEAVY HEX NUTS AND CUT WASHERS OF SPECIFICATIONS COMPATIBLE WITH THOSE OF THE THREADED SHANKS UNLESS NOTED OTHERWISE.

5 TYPICAL COLUMN BLOCKOUT
NO SCALE

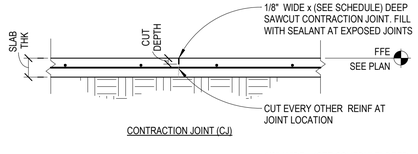


9 SLAB TRENCH DETAIL
3/4" = 1'-0"

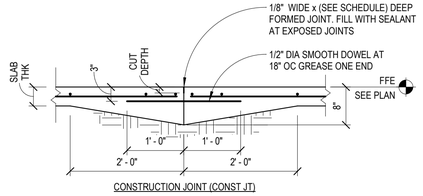


4 TYP RE-ENTRANT CORNER BAR
NO SCALE

3 REINFORCING AT SLAB JOINT
NO SCALE



CONTRACTION JOINT (CJ)



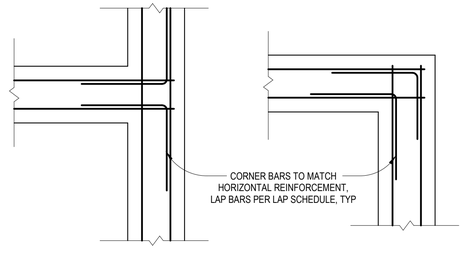
CONSTRUCTION JOINT (CONST JT)

NOTES:
1. SEE FOUNDATION PLAN(S) FOR ADDITIONAL SLAB INFORMATION, INCLUDING DEPTH AND REINFORCING.
2. THE SAWCUTTING SHOULD BE DONE AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT CUTTING W/O CHIPPING, SPALLING OR TEARING BUT NOT MORE THAN 8 HOURS AFTER CASTING.
3. DOWELS SHALL BE PARALLEL TO THE SLAB'S TOP SURFACE AND PERPENDICULAR TO THE SLAB JOINT. DOWELS SHALL BE A MINIMUM OF 6" FROM ANY SLAB EDGE.

8 FOUNDATION DETAIL
3/4" = 1'-0"

SLAB JOINT SCHEDULE	
SLAB THK	CUT DEPTH
4"	1"
5"	1 1/4"
6"	1 1/2"

2 SLAB JOINT DETAILS
NO SCALE



1 CORNER BAR REINFORCING
NO SCALE

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360 PROJECT #: 26477

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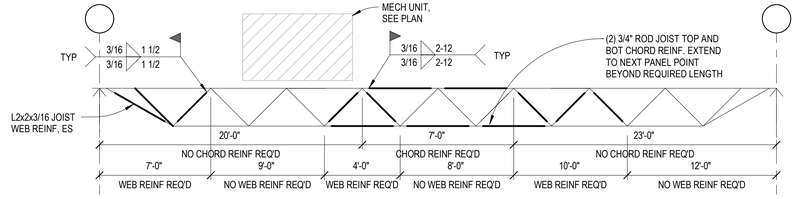
FOUNDATION DETAILS

09/02/2026

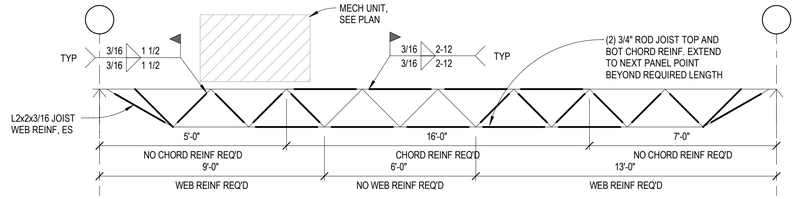
S501 1

FIELD VERIFICATION NOTE

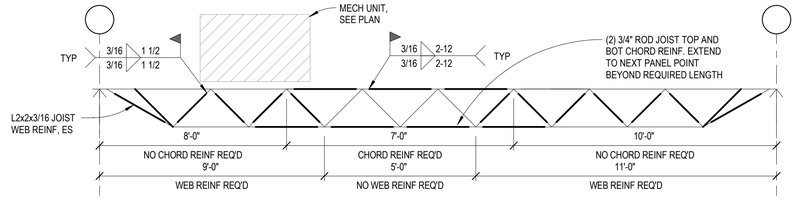
VERIFY ALL DIMENSIONS AND EXISTING STRUCTURAL MEMBER SIZES IN THE FIELD PRIOR TO FABRICATION OF STRUCTURAL ITEMS. EXISTING PORTIONS OF THE PLANS ARE FROM A PRELIMINARY FIELD SURVEY, WHICH MAY OR MAY NOT REFLECT ACTUAL AS-BUILT CONDITIONS AND DIMENSIONS. IF ANY DISCREPANCIES ARE FOUND BETWEEN WHAT IS SHOWN ON THE DRAWINGS AND WHAT EXISTS IN THE FIELD, CONTACT THE ARCHITECT TO DETERMINE WHAT SHOULD BE DONE TO MATCH EXISTING CONDITIONS AS REQUIRED. BEGINNING OF FABRICATION MEANS ACCEPTANCE OF EXISTING CONDITIONS.



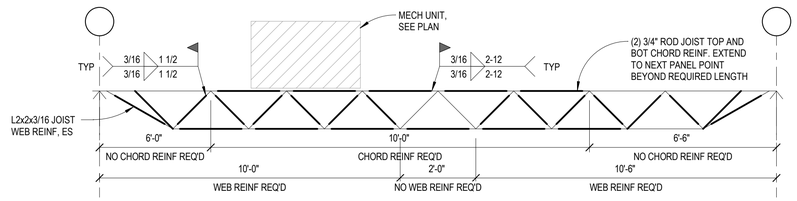
JOIST E - 50'-0" MAX SPAN



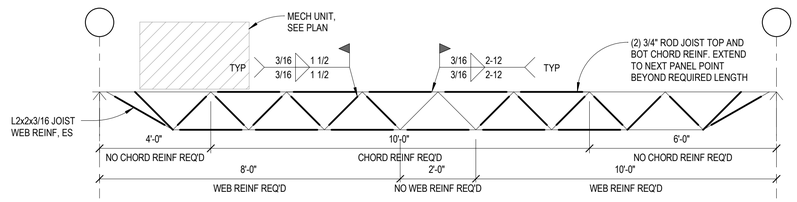
JOIST D - 28'-0" MAX SPAN



JOIST C - 25'-0" MAX SPAN



JOIST B - 22.5' MAX SPAN



JOIST A - 20' MAX SPAN

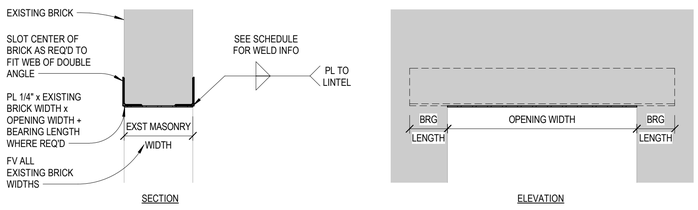
NOTES:
1. DIAGRAM IS GENERIC AND ACTUAL NUMBER OF WEBS AND CHORDS TO BE REINFORCED IS NOT ACCURATELY SHOWN. ACTUAL NUMBER OF WEB AND CHORD MEMBERS TO BE REINFORCED SHALL BE DETERMINED BASED ON THE LENGTHS SPECIFIED.
2. SEE PLAN FOR NEW EQUIPMENT. DO NOT SET EQUIPMENT UNTIL ALL REINFORCING IS IN PLACE. EQUIPMENT SHOWN IN DETAIL IS SCHEMATIC ONLY. SEE MECHANICAL DRAWINGS FOR ACTUAL LOCATION.
3. REINFORCE END SEAT WITH 1/4" PLATES ON EACH SIDE.
4. CALCS ASSUME PANEL POINT SPACING OF 36" MAX. NOTIFY EOR IF PANEL SPACING IS GREATER.
5. EXTEND REQUIRED REINFORCEMENT TO THE END OF EACH REINFORCED MEMBERS.
6. WHERE BOTTOM CHORD OF EXISTING JOIST IS A ROD, SET CHORD REINF ABOVE EXISTING ROD AND WELD TO WEB MEMBERS.

SEE 2 / S522 FOR JOIST REINF AT CONCENTRATED LOAD

1 EXISTING JOIST MODIFICATION

NO SCALE

NEW MASONRY OPENING SCHEDULE					
OPENING WIDTH	BEARING LENGTH	DOUBLE ANGLE	PL TO WT WELD..	WELD	
				SIZE	SPACING
3'-4"	4"	(2) L4x4x1/4	FILLET	1/4"	2 AT 12
8'-0"	8"	L6x4x1/4 (LLV)	FILLET	1/4"	4 AT 12



2 NEW MASONRY OPENING SCHEDULE

3/4" = 1'-0"

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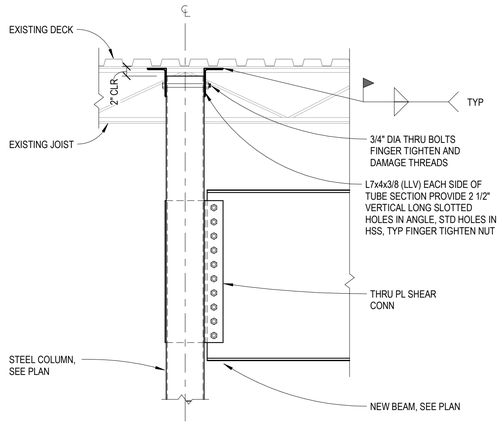
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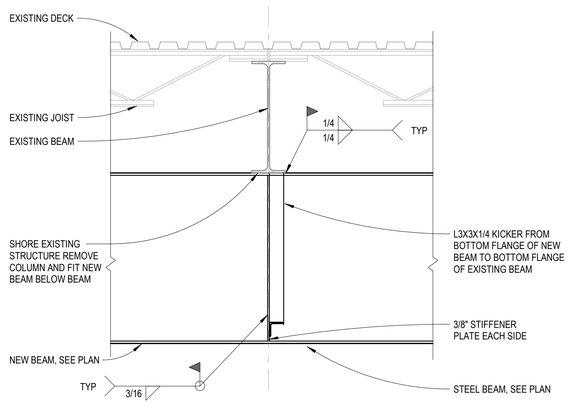
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EXISTING BUILDING DETAILS

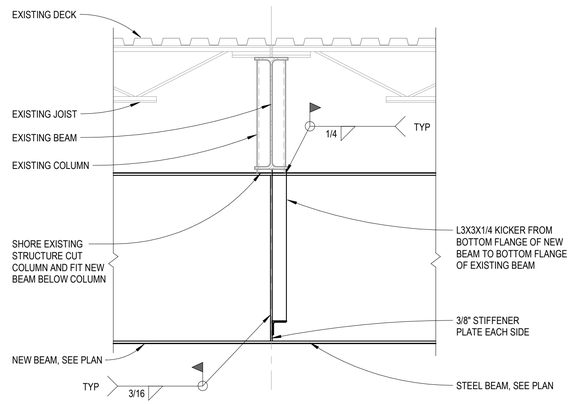
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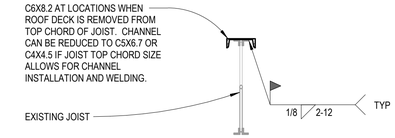
6 FRAMING DETAIL
3/4" = 1'-0"



5 FRAMING DETAIL
3/4" = 1'-0"



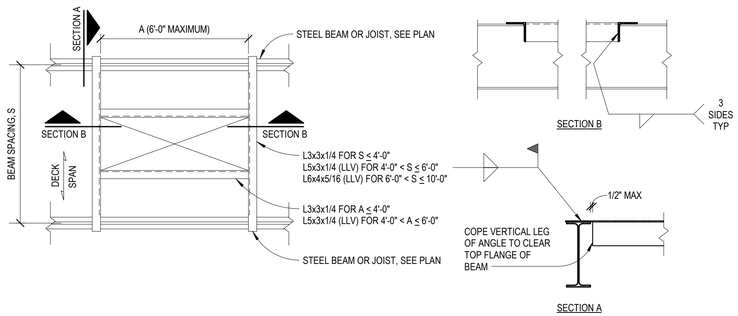
4 FRAMING DETAIL
3/4" = 1'-0"



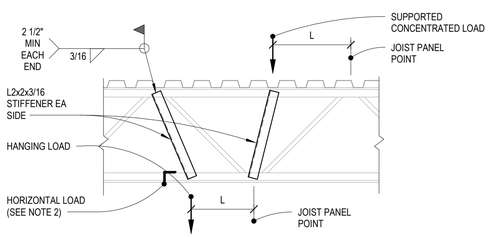
7 TYP JOIST REINFORCEMENT AT SKYLIGHT
3/4" = 1'-0"

NOTES:
1. COORDINATE OPENING SIZES AND LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
2. ROOF DECK SHALL BE CONTINUOUS OVER FRAMED OPENING. DO NOT CUT OPENINGS UNTIL IMMEDIATELY BEFORE THEY ARE NEEDED.
3. VERIFY FRAMING WITH ENGINEER WHERE DIMENSIONS EXCEED MAXIMUM DIMENSIONS SHOWN IN THIS DETAIL.

CONTRACTOR OPTION: IT IS PERMISSIBLE TO SUBSTITUTE STEEL FRAMING FOR ROOF FRAMING OPENING AS SHOWN WITH QUICK FRAME OR APPROVED EQUAL. SUBMIT ENGINEERING DATA FOR PRODUCT LOAD CAPACITY FOR APPROVAL. JOIST STIFFENER ANGLE PER 3/S521 IS REQUIRED FOR CONCENTRATED LOADS OUTSIDE OF PANEL POINTS.

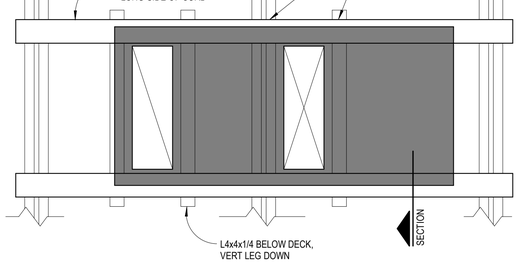


3 TYP FRAMED OPENING THRU ROOF DECK
NO SCALE

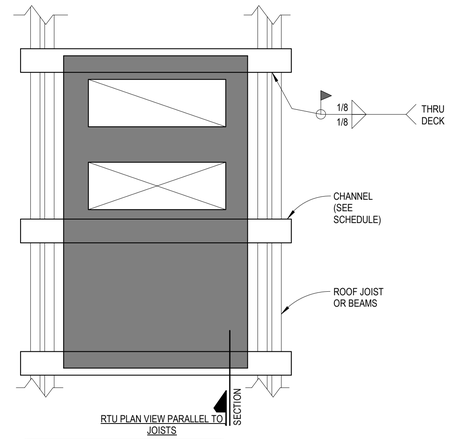


NOTES:
1. STIFFENER REQUIRED FOR ALL CONCENTRATED LOADS WHERE "L" EXCEEDS 6" AND CONCENTRATED LOAD EXCEEDS 100 LBS.
2. PROVIDE L2 1/2x2 1/2x1/4 KICKER WELDED TO TOP CHORD OF ADJACENT JOIST WHERE HORIZONTAL LOADS IMPOSED ON BOTTOM CHORD.

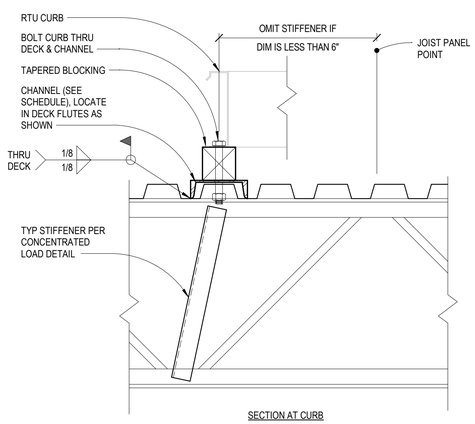
2 TYP JOIST REINFORCEMENT AT CONCENTRATED LOAD
NO SCALE



RTU PLAN VIEW PERPENDICULAR TO JOISTS



RTU PLAN VIEW PARALLEL TO JOISTS



SECTION AT CURB

RTU CURB SCHEDULE	
DECK TYPE	CHANNEL
1.5B	C6 x 8.2
3N	MC8 x 22.8

CONTRACTOR OPTION: IT IS PERMISSIBLE TO SUBSTITUTE STEEL FRAMING FOR RTU SUPPORT AND ROOF FRAMING OPENING AS SHOWN WITH QUICK FRAME OR APPROVED EQUAL. SUBMIT ENGINEERING DATA FOR PRODUCT LOAD CAPACITY FOR APPROVAL. JOIST STIFFENER ANGLE PER 3/S521 IS REQUIRED FOR CONCENTRATED LOADS OUTSIDE OF PANEL POINTS.

RTU SUPPORT NOTES:
1. INSTALL CHANNELS FROM TOP SIDE, AFTER DECK PLACEMENT. LOCATE IN DECK FLUTES ADJUSTING SPACING IN INCREMENTS MATCHING DECK RIB SPACING.
2. POSITION CURB OVER CHANNELS AND LOCATE REQ'D DUCT PENETRATIONS THRU ROOF. SEE MECHANICAL DRAWINGS FOR EXACT SIZES.
3. POSITION ANGLES BELOW DECK AND WELD TO CHANNELS THRU DECK FROM TOP SIDE. OMIT CROSS ANGLES IF EDGE OF PENETRATION IS WITHIN 6" OF A JOIST.
4. CUT ROOF DECK ONLY AS REQUIRED FOR DUCT PENETRATION.

1 TYP MECHANICAL UNIT SUPPORT DETAILS
NO SCALE

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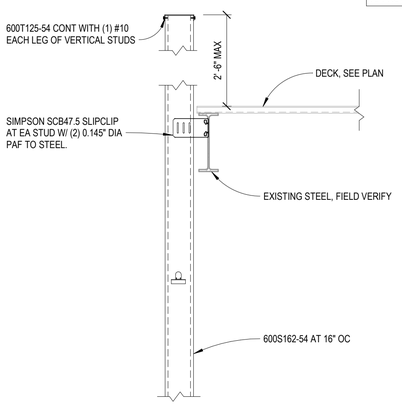
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ROOF FRAMING DETAILS

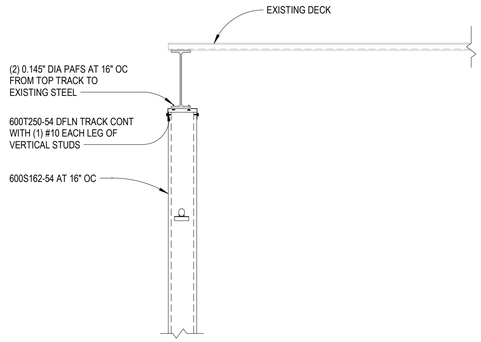
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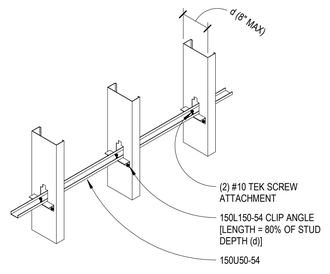
CONTACT EOR ONCE FINAL SITE CONDITIONS ARE OPENED UP AND PRIOR TO ORDERING MATERIAL FOR ASSEMBLY APPROVAL.



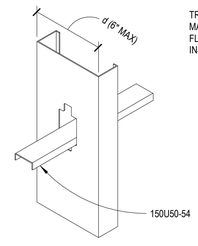
6 EXTERIOR CFS FRAMING AT PARAPET
3/4" = 1'-0"



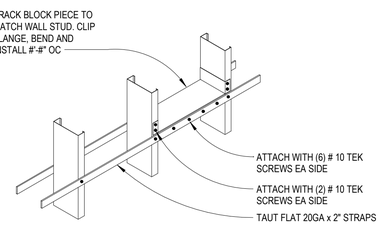
5 EXTERIOR CFS FRAMING INLINE
3/4" = 1'-0"



CLIP ANGLE ATTACHMENT

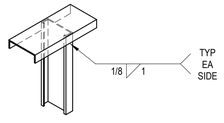


DIRECT WELD ATTACHMENT

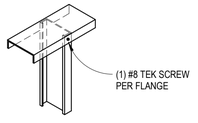


FLAT STRAPS AND BLOCKING

4 TYP CFS STUD BRIDGING
3/4" = 1'-0"

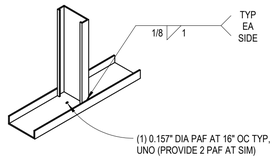


WELDED CONNECTION

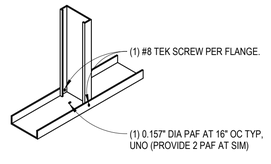


SCREW CONNECTION

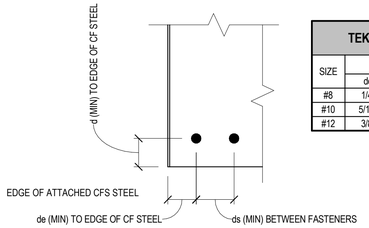
NOTE:
1/8" MAX GAP BETWEEN T/STUD AND TRACK. PROVIDE WELDED STEEL SHIMS IF NECESSARY TO ACHIEVE THIS VALUE.



WELDED CONNECTION



SCREW CONNECTION



SECTION

TEK SCREWS		
SIZE	DISTANCE	
	de	ds
#8	1/4"	1/2"
#10	5/16"	5/8"
#12	3/8"	3/4"

NOTE: TEK SCREWS SHALL PENETRATE A MIN OF 3 THREADS PAST THE FINAL PLY

3 TYP CFS TEK SCREW SPACING
3" = 1'-0"

2 TYP CFS STUD TOP CONNECTION
3/4" = 1'-0"

1 TYP CFS STUD BASE CONNECTION
3/4" = 1'-0"

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360 Engineering Group, PLLC
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1350 S Boulder Ave, Ste 1100
Tulsa, OK 74119
918.518.1124

360 PROJECT #: 26477

CERTIFICATE OF AUTHORIZATION
360 ENGINEERING GROUP, PLLC
No. 2657
ARKANSAS ENGINEER

OZARKS ELECTRIC COOPERATIVE

3641 W WEDINGTON DR.
FAYETTEVILLE, AR

No.	Description	Date
1	ADDENDUM 01	09/01/26

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ISSUE 08/21/2026
CONTACT:
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CONSTRUCTION DOCUMENTS

STATE OF ARKANSAS
REGISTERED PROFESSIONAL ENGINEER
No. 13684
ELIAS R. JOHANNSSON

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CFS STUD DETAILS

09/02/2026

S611 1

KEYED DEMO PLAN NOTES:

1. DEMOLISH EXISTING WALL & PREP FOR NEW STOREFRONT.
2. DEMOLISH EXISTING WALL, DOORS, WINDOWS & ALL MISC. COMPONENTS.
3. REMOVE EXISTING DOOR AND PREP OPENING FOR INFILL.
4. DEMOLISH FLOORING THIS AREA. SEE FINISH PLAN FOR EXTENT OF NEW FINISH.
5. DEMOLISH CEILING THIS AREA. SEE RCP FOR EXTENT OF NEW CEILINGS.
6. REMOVE ALL EXISTING PLUMBING FIXTURES, TLT. PARTITIONS, WET WALLS, PIPES, DRAINS, TILE, FLOORING, CEILING, TOILET ACCESSORIES & MISC. COMPONENTS. PREP AREA FOR REMODEL.
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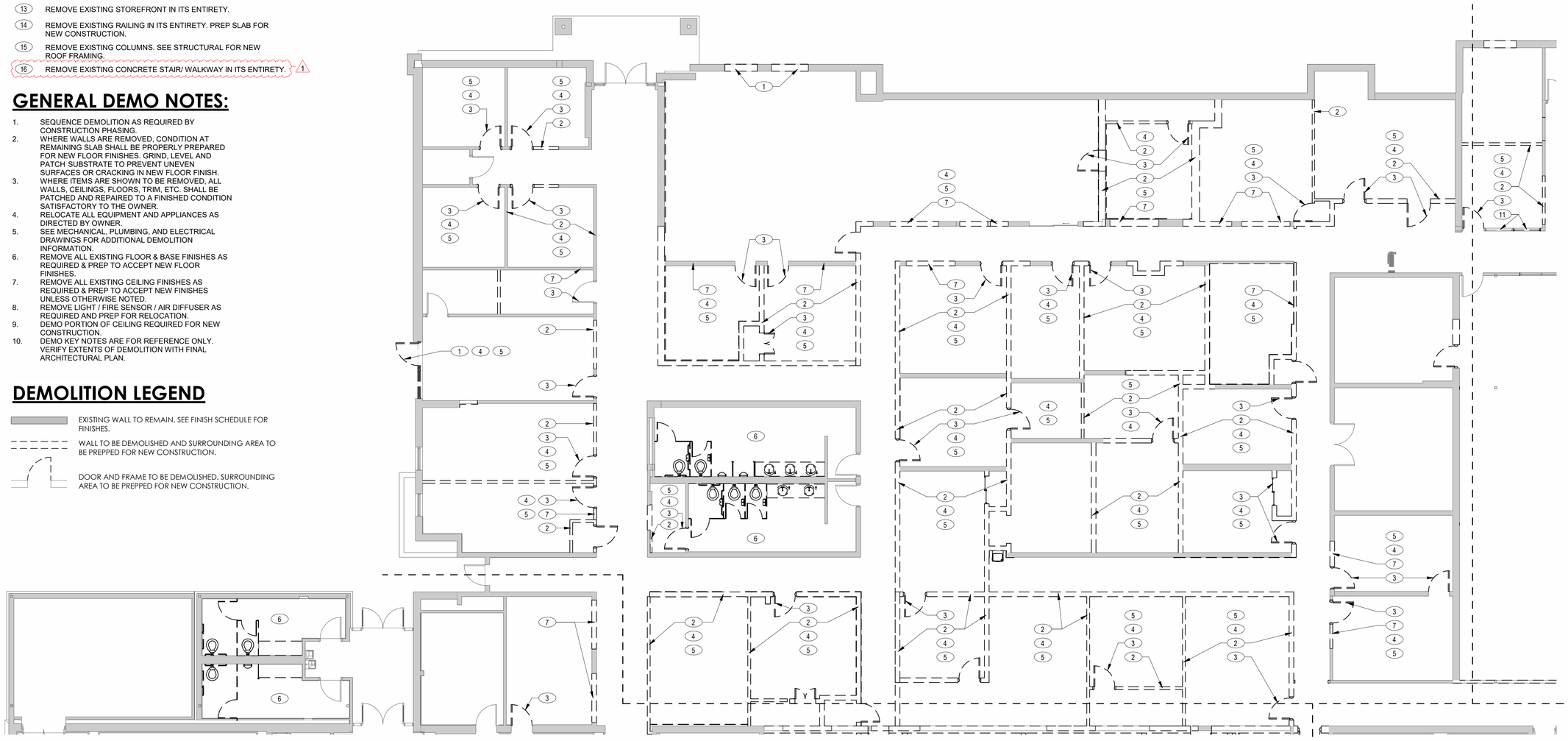
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DEMOLITION LEGEND

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DOOR AND FRAME TO BE DEMOLISHED. SURROUNDING AREA TO BE PREPPED FOR NEW CONSTRUCTION.



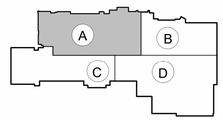
1 DEMOLITION PLAN QUADRANT A

1/8" = 1'-0"

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DEMOLITION PLAN QUADRANT A

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DEMOLITION LEGEND

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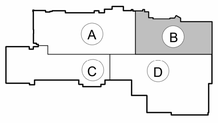
1 DEMOLITION PLAN QUADRANT B
1/8" = 1'-0"

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DEMOLITION PLAN QUADRANT B 9/1/26

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DEMOLITION LEGEND

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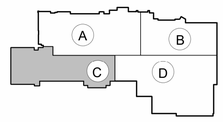
1 DEMOLITION PLAN QUADRANT C
1/8" = 1'-0"

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DEMOLITION PLAN QUADRANT C

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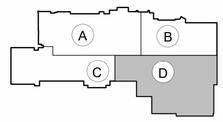
1 DEMOLITION PLAN QUADRANT D
1/8" = 1'-0"

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DEMOLITION PLAN QUADRANT D 9/1/26

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CONSTRUCTION PHASING NOTES

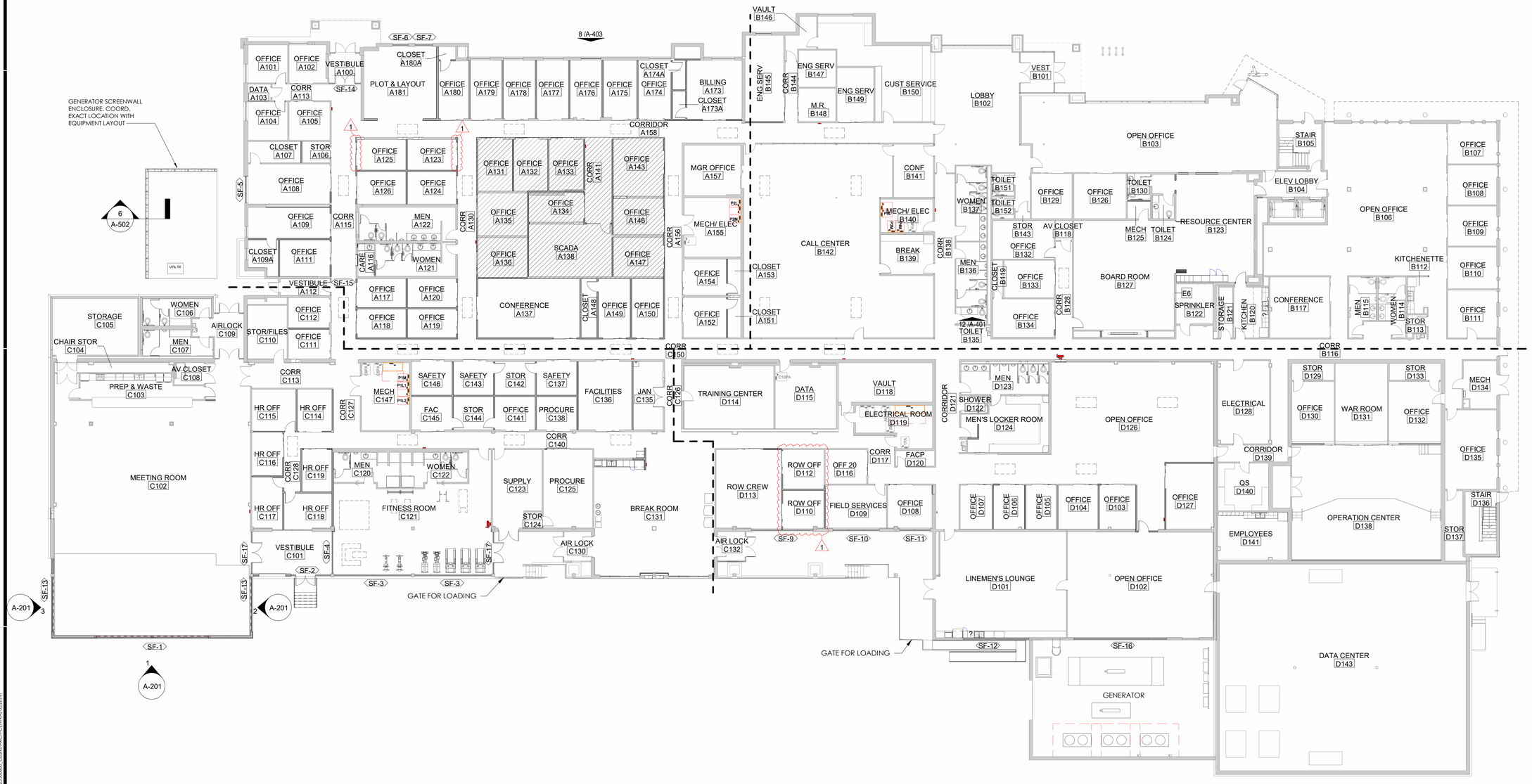
1. CONSTRUCTION WORK WILL TAKE PLACE IN PHASES.
2. PHASES SHALL BE SEQUENCED AS FOLLOWS:
   PHASE 1 - WORK IN QUADRANT C
   PHASE 2 - WORK IN QUADRANT A
   PHASE 3 - WORK IN QUADRANT D
   PHASE 4 - WORK IN QUADRANT B
3. WORK ALSO CORRESPOND TO MECHANICAL PHASING NOTES ON SHEET MD-100.

WALL TYPE LEGEND

- EXISTING WALL - WALL TO REMAIN INTACT. HOWEVER COULD RECEIVE NEW FINISH.
- NEW WALL - NEW WALL TO BE CONSTRUCTED. SEE PARTITION TYPE FOR CONSTRUCTION DETAILS.
- CONTRACTOR TO FIELD VERIFY EXISTING STRUCTURAL WALLS THIS AREA.

GENERAL NOTES:

1. ALL DIMENSIONS ARE TO GRID LINE, FACE OF STUD, OR FACE OF CMU UNLESS NOTED OTHERWISE.
2. REFER TO SHEET A-301 FOR PARTITION TYPES.
3. REFER TO SHEET A-402 FOR WINDOW ELEVATIONS.
4. REFER TO SHEET A-601 FOR DOOR INFORMATION.
5. PROVIDE 1/4" CONTROL JOINTS IN ALL GYPSUM BOARD ASSEMBLIES AT SPACING NOT TO EXCEED 20'-0" MAX. ALIGN WITH DOOR FRAMES UNLESS NOTED OTHERWISE.
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10. PLAN DETAILS SHOWN ON A-501 SHALL APPLY TO SIMILAR CONDITIONS NOT SPECIFICALLY CALLED OUT ON PLAN SHEETS.



1 OVERALL FLOOR PLAN
1/16" = 1'-0"

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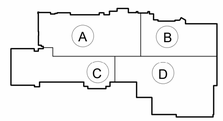
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1	ADDENDUM 01	09/01/26

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QC BY:
QC DATE:

CONSTRUCTION DOCUMENTS

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9/1/26

FLOOR PLAN OVERALL

A-101

WALL TYPE LEGEND

EXISTING WALL - WALL TO REMAIN INTACT. HOWEVER COULD RECEIVE NEW FINISH.

NEW WALL - NEW WALL TO BE CONSTRUCTED. SEE PARTITION TYPE FOR CONSTRUCTION DETAILS.

CONTRACTOR TO FIELD VERIFY EXISTING STRUCTURAL WALLS THIS AREA.

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1 FLOOR PLAN QUADRANT A

1/8" = 1'-0"

N

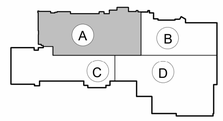
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FLOOR PLAN QUADRANT A

A-101A

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WALL TYPE LEGEND

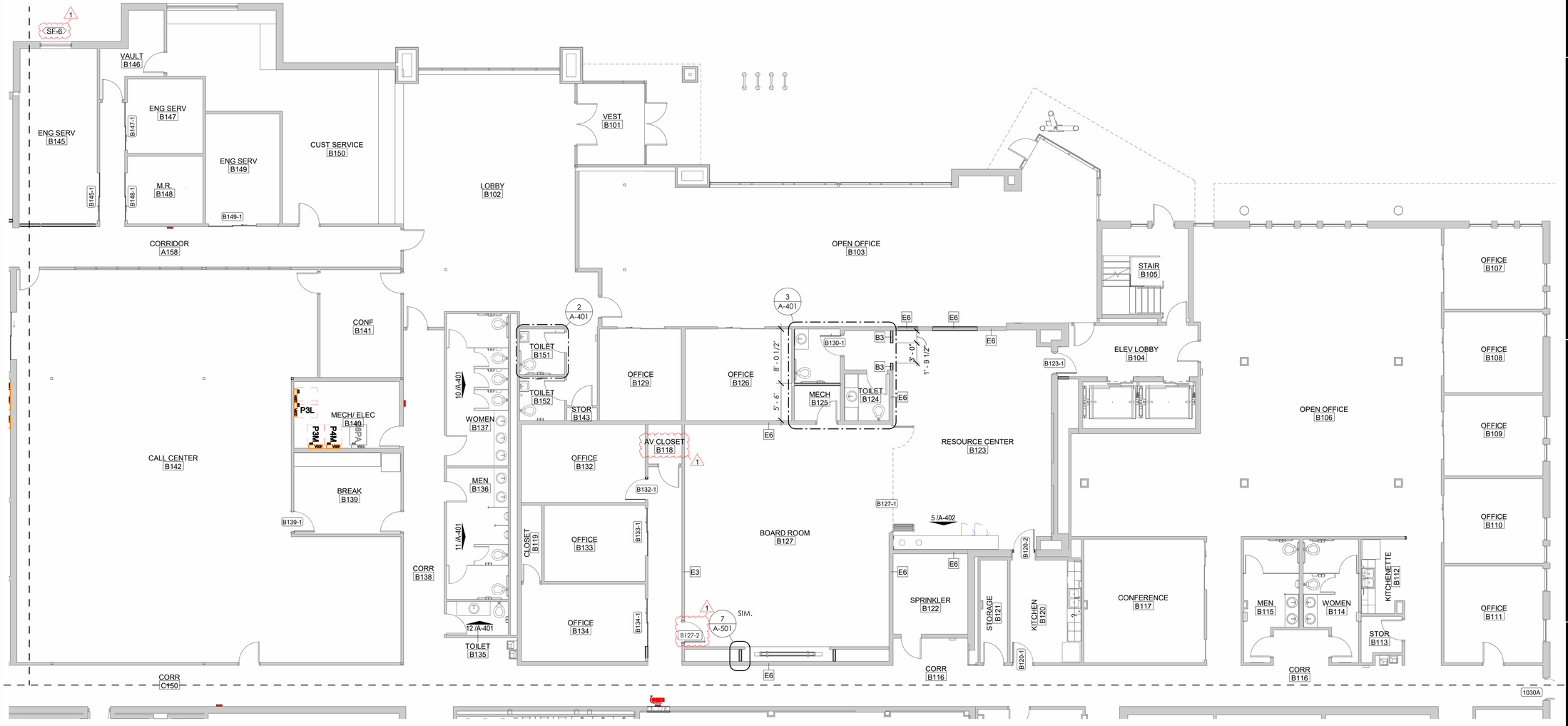
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1 FLOOR PLAN QUADRANT B

1/8" = 1'-0"

N

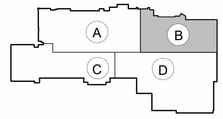
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FLOOR PLAN QUADRANT B

A-101B

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WALL TYPE LEGEND

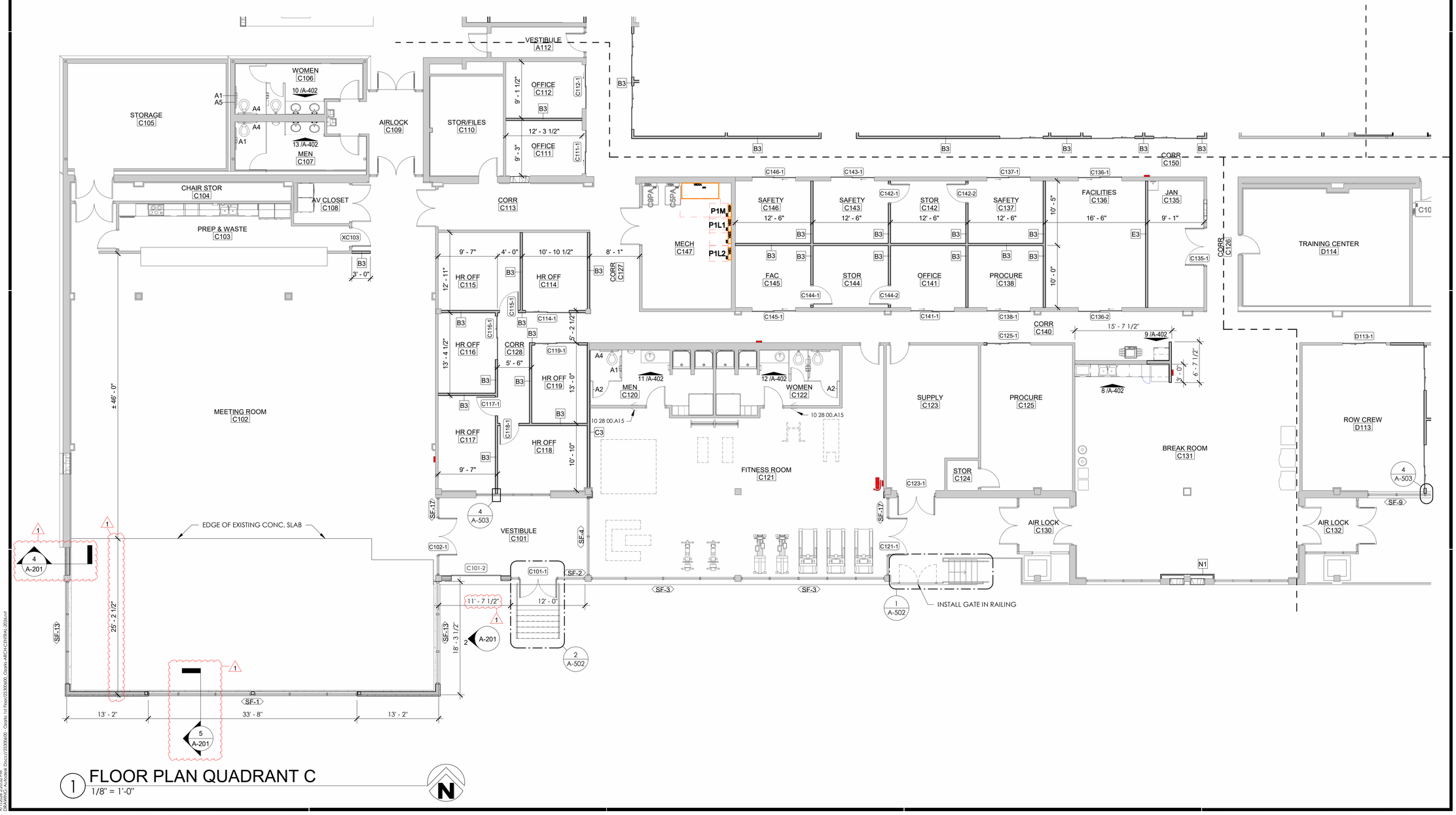
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1 FLOOR PLAN QUADRANT C

1/8" = 1'-0"

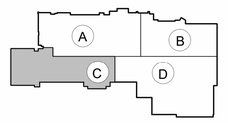
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FLOOR PLAN QUADRANT C

9/1/26

A-101C

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WALL TYPE LEGEND

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1 FLOOR PLAN QUADRANT D
1/8" = 1'-0"

N

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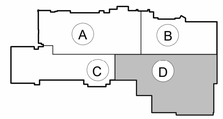
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9/1/26

FLOOR PLAN QUADRANT D

A-101D

GENERAL NOTES:

1. ALL LIGHT FIXTURES AND HVAC GRILLES HAVE BEEN LOCATED FOR COORDINATION PURPOSES ONLY. SEE MECHANICAL AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
2. PAINT ALL EXPOSED STRUCTURE, PIPING, SPRINKLER PIPING, AND DUCTWORK WHERE EXPOSED TO VIEW.
3. SPRINKLER HEADS ARE TO BE CENTERED IN CEILING TILES. WHERE SPRINKLER HEADS ARE INSTALLED IN GYPSUM BOARD CEILINGS, THEY SHALL BE ALIGNED WITH EACH OTHER AND SPACED AS DIRECTED BY ARCHITECT.

RCP LEGEND:

- LINEAR LED LIGHT FIXTURE
- RECESSED LED CAN LIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER
- EXIT SIGN
- DUAL SHADES
- NO WORK THIS AREA. REWORK EXISTING CEILINGS AS NEEDED FOR INSTALLATION OF NEW HVAC.
- WORK DONE AS PART OF PREVIOUS CONSTRUCTION.
- 2'X2' MOISTURE RESISTANT CEILING
- 2'X4' ACT CEILING
- 2'X2' ACT CEILING

ENG SERV B145 10' - 0"
ENG SERV B147 8' - 0"
M.R. B148 8' - 0"
ENG SERV B149
CUST SERVICE B150
LOBBY B102
VEST B101
CORRIDOR A158 10' - 0"
STM.
PT2
CONF B141 9' - 0"
CALL CENTER B142 9' - 0"
MECH/ ELEC B140
BREAK B139 9' - 0"
CORR B138 10' - 0"
WOMEN B137
MEN B136
TOILET B135
TOILET B131
TOILET B132
STOR B143
OFFICE B129
OFFICE B126
TOILET B130 10' - 0"
TOILET B124 10' - 0"
MECH B125
SERVICE BAR EX 117 10' - 0" PT6
OFFICE B132 9' - 0"
OFFICE B133 9' - 0"
OFFICE B134 9' - 0"
BOARD ROOM B127 10' - 0" WV2
WCP1
WV2
PT3
OPEN OFFICE B103
RESOURCE CENTER B123 10' - 0" WCP1
SPRINKLER B122
KITCHEN B120
CORR B116
STAIR B105
ELEV LOBBY B104
ELEV 1003
ELEV 1004
OPEN OFFICE B106
CONFERENCE B117
MEN B115
WOMEN B114
KITCHENETTE B112
STOR B113
OFFICE B107
OFFICE B108
OFFICE B109
OFFICE B110
OFFICE B111

1 REFLECTED CEILING PLAN QUADRANT B
1/8" = 1'-0"

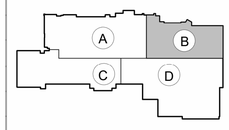
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RCP QUADRANT B

9/1/26

A-102B

RCP LEGEND:

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- RECESSED LED CAN LIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER
- EXIT SIGN
- DUAL SHADES
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1 REFLECTED CEILING PLAN QUADRANT D

1/8" = 1'-0"

N

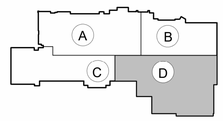
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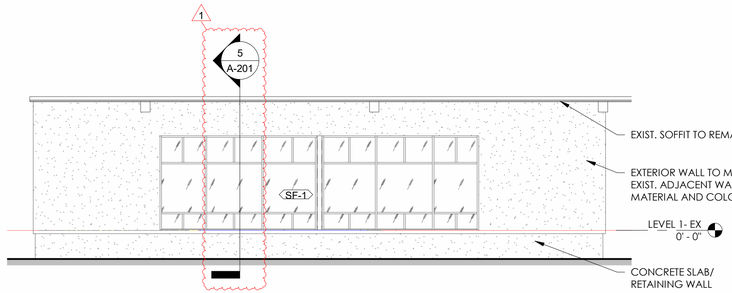
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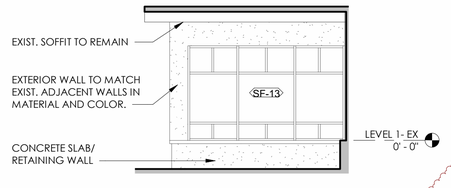
RCP QUADRANT D

A-102D

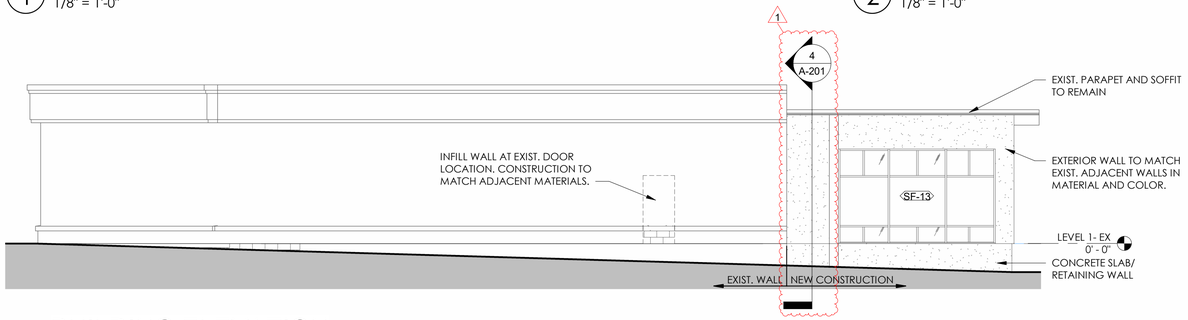
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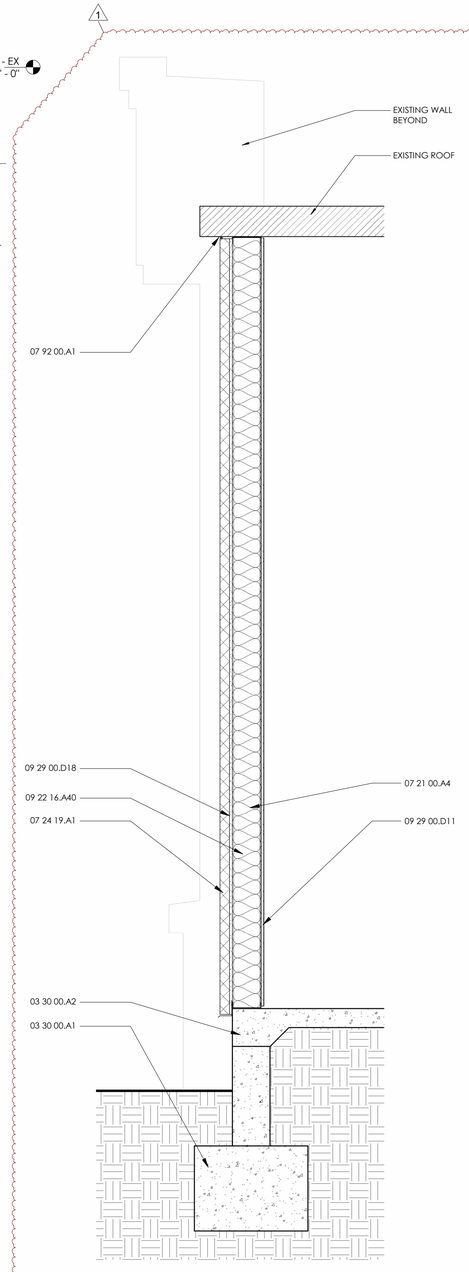
1 BUILDING ELEVATION
1/8" = 1'-0"



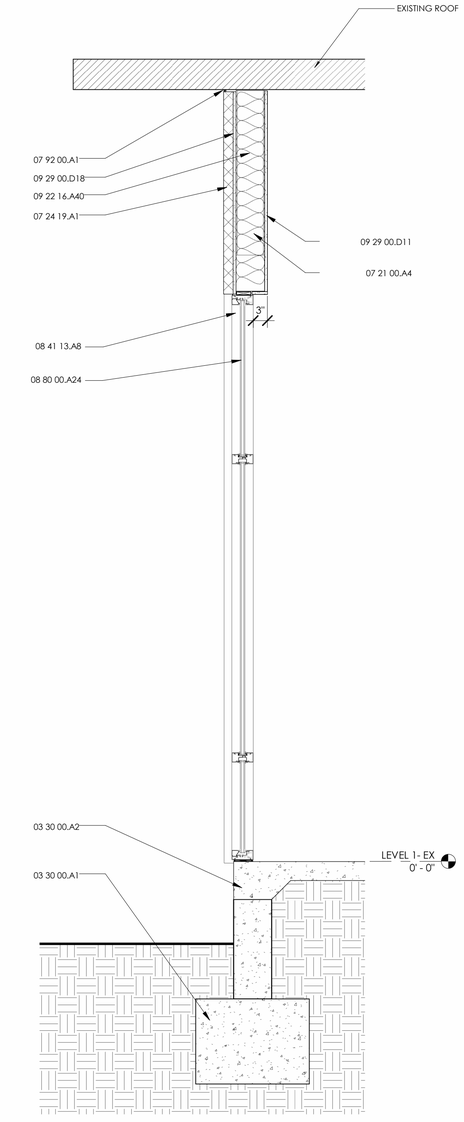
2 BUILDING ELEVATION
1/8" = 1'-0"



3 BUILDING ELEVATION
1/8" = 1'-0"



4 WALL SECTION
3/4" = 1'-0"



5 WALL SECTION
3/4" = 1'-0"

KEYNOTE LEGEND	
KEY	DESCRIPTION
03 30 00.A1	CAST-IN-PLACE CONCRETE FOOTING - SEE STRUCTURE
03 30 00.A2	CAST-IN-PLACE CONCRETE SLAB - SEE STRUCTURE
07 21 00.A4	R-19 BATT INSULATION
07 24 19.A1	EXTERIOR WATER-DRAINAGE EXTERIOR INSULATION AND FINISH SYSTEM
07 92 00.A1	JOINT SEALANT
08 41 13.A8	STOREFRONT HEAD AT FINISH-451T
08 80 00.A24	1" INSULATING GLASS - SEE SCHEDULE
09 22 16.A40	6" METAL STUDS @ 16" O.C.
09 29 00.D11	5/8" TYPE "X" GYPSUM WALLBOARD
09 29 00.D18	5/8" EXTERIOR GYPSUM SHEATHING

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Key Plan

No.	Description	Date
1	ADDENDUM 01	09/01/26

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PROJECT NO: 25300600
ISSUE DATE: 08/21/2026
CONTACT: W. BURGESS
QC BY:
QC DATE:

CONSTRUCTION DOCUMENTS

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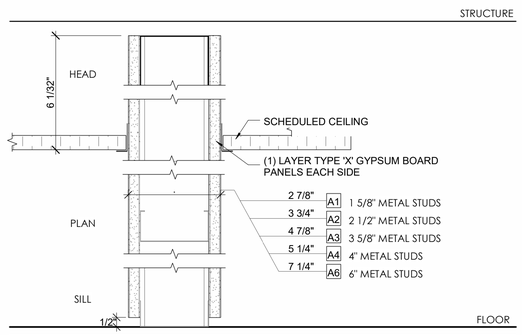
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9/1/26

BUILDING ELEVATION

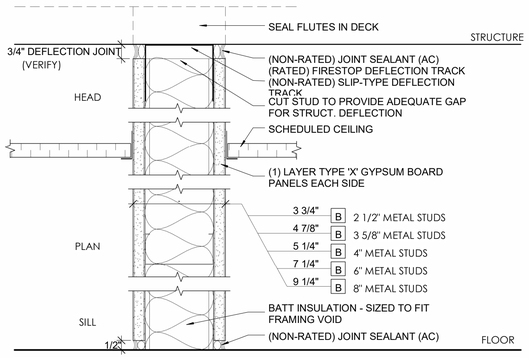
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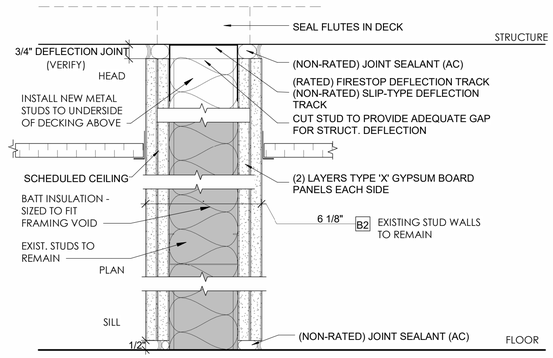
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A1	---	16" O.C.	8'-4"	---	---	38	NR	---	---	---
A2	---	16" O.C.	11'-3"	9'-10"	---	40	NR	---	---	---
A3	---	16" O.C.	14'-4"	12'-4"	---	40	NR	---	---	---
A4	---	16" O.C.	15'-4"	13'-4"	---	40	NR	---	---	---
A6	---	16" O.C.	19'-9"	17'-11"	---	40	NR	---	---	---

PARTITION TYPE A



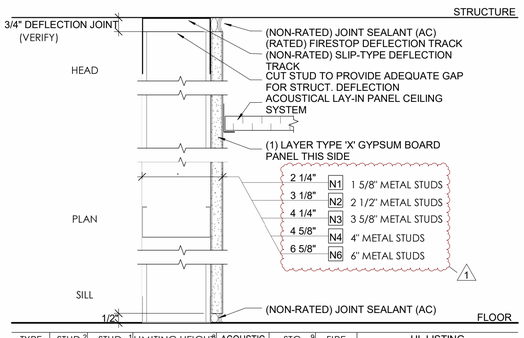
TYPE	STUD GUAGE [2]	STUD SPACING [1]	LIMITING L/240	LIMITING L/360 [3]	ACOUSTIC INSULATION	STC [9]	FIRE RATING	UL LISTING WALL	UL LISTING HEAD	UL LISTING BOTTOM
---	---	---	---	---	---	---	---	---	---	---
B2	---	16" O.C.	11'-3"	9'-10"	2 1/2"	49	NR	---	---	---
B3	---	16" O.C.	14'-4"	12'-4"	3 1/2"	49	NR	---	---	---
B4	---	16" O.C.	15'-4"	13'-4"	4"	49	NR	---	---	---
B6	---	16" O.C.	19'-9"	17'-11"	6"	49	NR	---	---	---
B8	---	16" O.C.	21'-9"	19'-11"	8"	49	NR	---	---	---

PARTITION TYPE B



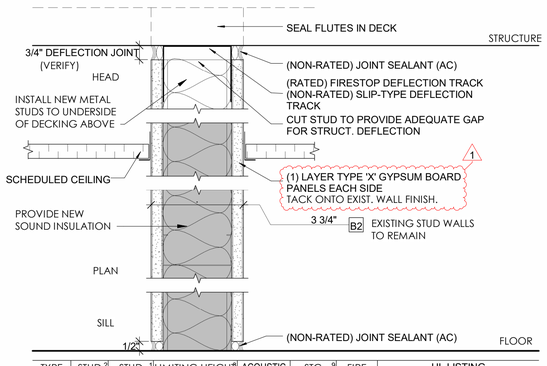
TYPE	STUD GUAGE [2]	STUD SPACING [1]	LIMITING L/240	LIMITING L/360 [3]	ACOUSTIC INSULATION	STC [9]	FIRE RATING	UL LISTING WALL	UL LISTING HEAD	UL LISTING BOTTOM
---	---	---	---	---	---	---	---	---	---	---
C2	---	---	11'-3"	9'-10"	2 1/2"	49	NR	---	---	---
C3	---	---	14'-4"	12'-4"	3 1/2"	49	NR	---	---	---
C4	---	---	15'-4"	13'-4"	4"	49	NR	---	---	---
C6	---	---	19'-9"	17'-11"	6"	49	NR	---	---	---

PARTITION TYPE C



TYPE	STUD GUAGE [2]	STUD SPACING [1]	LIMITING L/240	LIMITING L/360 [3]	ACOUSTIC INSULATION	STC [9]	FIRE RATING	UL LISTING WALL	UL LISTING HEAD	UL LISTING BOTTOM
N1	---	---	---	---	---	---	---	---	---	---
N2	---	---	---	---	---	---	---	---	---	---
N3	---	---	---	---	---	---	---	---	---	---
N4	---	---	---	---	---	---	---	---	---	---
N6	---	---	---	---	---	---	---	---	---	---

PARTITION TYPE N



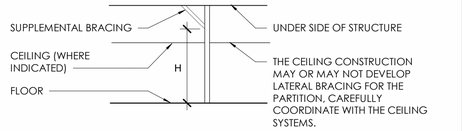
TYPE	STUD GUAGE [2]	STUD SPACING [1]	LIMITING L/240	LIMITING L/360 [3]	ACOUSTIC INSULATION	STC [9]	FIRE RATING	UL LISTING WALL	UL LISTING HEAD	UL LISTING BOTTOM
---	---	---	---	---	---	---	---	---	---	---
E2	---	16" O.C.	11'-3"	9'-10"	2 1/2"	49	NR	---	---	---
E3	---	16" O.C.	14'-4"	12'-4"	3 1/2"	49	NR	---	---	---
E4	---	16" O.C.	15'-4"	13'-4"	4"	49	NR	---	---	---
E6	---	16" O.C.	19'-9"	17'-11"	6"	49	NR	---	---	---
E8	---	16" O.C.	21'-9"	19'-11"	8"	49	NR	---	---	---

PARTITION TYPE E

***EXTEND EXISTING WALLS AT ALL OFFICES, CONFERENCE ROOMS, BOARD ROOMS, AND THE FITNESS CENTER TO UNDERSIDE OF DECK.**

GENERAL PARTITION NOTES:

1. STUD SPACING TO BE 16" O.C. U.N.O
2. GAUGE AND DEFLECTION REQUIREMENTS : REFER TO 092216 FOR MINIMUM BASE METAL THICKNESS AND DEFLECTION CRITERIA.
3. THE LIMITING HEIGHTS INDICATED IN EACH PARTITION TYPE ARE THE MAXIMUM UNSUPPORTED HEIGHT FOR THAT PARTITION. REFER TO 092216 FOR REQUIREMENTS WHERE PARTITION HEIGHTS EXCEED STUD MANUFACTURER'S RECOMMENDED SPANS. (BASED ON SSMA LIMITING WALL HEIGHT TABLE)



4. SYMBOL DESCRIPTION



5. ALL PARTITION TYPES SHOWN MAY NOT NEED TO BE FIRE RATED ASSEMBLIES. REFER TO PARTITION SYMBOL AND THE LIFE SAFETY PLAN FOR PARTITIONS WHICH MUST BE FIRE RATED.
6. WHENEVER A FIRE RATED PARTITION IS INDICATED, ALL ELEMENTS OF THE COMPLETE ASSEMBLY MUST BE CONSTRUCTED IN STRUCT COMPLIANCE WITH THE UNDERWRITER'S LABORATORY AND OTHER TESTING AGENCY REQUIREMENTS.
7. REFER TO SPECIFICATION 092900 GYPSUM BOARD FOR GYPSUM BOARD TYPE/ LOCATION SCHEDULE.
8. IF THE BACKER BOARD IS BEING SUBSTITUTED FOR ONE OF THE GYPSUM BOARD LAYERS, IT MUST HAVE APPROVED FIRE RATING CERTIFICATION. (BASED ON GA-600-09)
9. THE STC RATINGS LISTED ARE TO SERVE AS A GENERAL INDICATOR FOR THE ACOUSTICAL PERFORMANCE OF THAT PARTITION, HOWEVER, SPECIFIC PROJECT CONDITIONS MAY NOT NECESSARILY YIELD THE LABORATORY TESTED RESULTS.
10. ALL PARTITION TYPES INDICATED ON THIS DRAWING MAY NOT NECESSARILY BE USED ON THIS SPECIFIC PHASE OF THE PROJECT.
11. OMIT DEFLECTION JOINT AT ALL LOAD BEARING WALLS. SEE STRUCTURAL DRAWINGS.
12. IF THE PARTITION TYPE DESIGNATION CONTAINS AN ASTERISK '*', IT IS TO EXTEND FULL HEIGHT TO DECK.

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Fayetteville, AR

Key Plan

No.	Description	Date
1	ADDENDUM 01	09/01/26

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PROJECT NO: 25300600
ISSUE DATE: 08/21/2026
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QC BY:
QC DATE:

CONSTRUCTION DOCUMENTS

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9/1/26

PARTITION TYPES

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DOOR SCHEDULE

DOOR NUMBER	WIDTH	HEIGHT	DOOR MATERIAL	ELEVATION	GLAZING	FRAME MATERIAL	HW SET	FIRE RATING	1 REMARKS
A100-1	6' - 0 1/8"	7' - 0"	EXIST	EXIST	EXIST	EXIST	EXIST	---	ACCESS CONTROLLED
A101-1	3' - 0"	8' - 0"	GLASS	J	G3	---	2	---	
A102-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A103-1	3' - 0"	7' - 0"	EXIST	EXIST	EXIST	EXIST	EXIST	---	ACCESS CONTROLLED
A104-1	3' - 0"	8' - 0"	GLASS	J	G3	---	2	---	
A105-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A108-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A109-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A109-2	3' - 0"	7' - 0"	WOOD	B	---	HM	4	---	
A111-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A112-1	3' - 0"	7' - 0"	EXIST	EXIST	EXIST	EXIST	EXIST	---	ACCESS CONTROLLED
A115-1	6' - 0"	7' - 0"	ALUM	D	G2	ALUM	1	---	
A115-2	3' - 0"	7' - 0"	ALUM	E	G2	ALUM	1	---	
A116-1	3' - 4 1/2"	7' - 0"	ALUM	B	---	ALUM	9	---	
A117-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	ACCESS CONTROLLED
A118-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	ACCESS CONTROLLED
A119-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	ACCESS CONTROLLED
A120-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	ACCESS CONTROLLED
A123-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A124-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A125-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A126-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A131-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A132-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A133-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A134-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A135-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A136-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A137-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A137-2	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A138-1	3' - 0"	8' - 0"	ALUM	E	G2	ALUM	1	---	ACCESS CONTROLLED
A143-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A146-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A147-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A148-1	3' - 0"	7' - 0"	WOOD	B	---	HM	4	---	
A149-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A150-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A151-1	3' - 0"	7' - 0"	WOOD	B	---	HM	4	---	
A152-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A153-1	3' - 0"	7' - 0"	WOOD	B	---	HM	4	---	
A154-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A157-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A173-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A173-2	3' - 0"	7' - 0"	WOOD	B	---	HM	4	---	
A174-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A174-2	3' - 0"	7' - 0"	WOOD	B	---	HM	4	---	
A175-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A176-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A177-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A178-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A179-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A180-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
A180-2	3' - 0"	7' - 0"	WOOD	B	---	HM	4	---	
B120-1	3' - 0"	7' - 0"	WOOD	C	---	HM	12	---	ACCESS CONTROLLED
B120-2	3' - 0"	8' - 0"	GLASS	J	G3	---	2	---	
B123-1	3' - 0"	7' - 0"	WOOD	C	---	HM	12	---	ACCESS CONTROLLED
B127-1	16' - 0"	8' - 0"	ALUM	K	G4	ALUM	9	---	
B127-2	3' - 0"	7' - 0"	WOOD	M	G4	HM	12	---	
B130-1	3' - 0"	7' - 0"	WOOD	C	---	HM	11	---	
B132-1	3' - 0"	8' - 0"	GLASS	J	G3	---	2	---	
B133-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
B134-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
B139-1	3' - 0"	7' - 0"	WOOD	C	G2	HM	5	---	
B145-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
B147-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
B148-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
B149-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	

1

DOOR SCHEDULE - CONT

DOOR NUMBER	WIDTH	HEIGHT	DOOR MATERIAL	ELEVATION	GLAZING	FRAME MATERIAL	CT Hardware Set	FIRE RATING	1 REMARKS
C101-1	6' - 0"	7' - 0"	ALUM	D	G1	ALUM	6	---	
C101-2	8' - 0"	8' - 0"	GLASS	L	---	---		---	
C102-1	6' - 0"	7' - 0"	ALUM	D	G2	ALUM	1	---	ACCESS CONTROLLED
C110-1	3' - 0"	7' - 0"	EXIST	EXIST	EXIST	EXIST	EXIST	---	ACCESS CONTROLLED
C111-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	ACCESS CONTROLLED
C112-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
C114-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	ACCESS CONTROLLED
C115-1	3' - 0"	8' - 0"	GLASS	J	G3	---	2	---	ACCESS CONTROLLED
C116-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	ACCESS CONTROLLED
C117-1	3' - 0"	8' - 0"	GLASS	J	G3	---	2	---	ACCESS CONTROLLED
C118-1	3' - 0"	8' - 0"	GLASS	J	G3	---	2	---	ACCESS CONTROLLED
C119-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	ACCESS CONTROLLED
C121-1	6' - 0"	7' - 0"	ALUM	D	G2	ALUM	1	---	ACCESS CONTROLLED
C123-1	3' - 0"	7' - 0"	HM	A	---	HM	7	---	ACCESS CONTROLLED
C125-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
C135-1	6' - 0"	7' - 0"	WOOD	G	---	HM	8	---	
C136-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
C136-2	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
C137-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	ACCESS CONTROLLED
C138-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
C141-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
C142-1	3' - 0"	7' - 0"	WOOD	B	---	HM	4	---	ACCESS CONTROLLED
C142-2	3' - 0"	7' - 0"	WOOD	B	---	HM	4	---	ACCESS CONTROLLED
C143-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	ACCESS CONTROLLED
C144-1	3' - 0"	7' - 0"	WOOD	B	---	HM	4	---	ACCESS CONTROLLED
C144-2	3' - 0"	7' - 0"	WOOD	B	---	HM	4	---	ACCESS CONTROLLED
C145-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
C146-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	ACCESS CONTROLLED
D102-1	3' - 0"	7' - 0"	WOOD	C	G2	HM	10	---	
D103-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
D104-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
D105-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
D106-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
D107-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
D108-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
D110-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
D112-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
D113-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
D116-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	
D124-1	3' - 0"	7' - 0"	WOOD	C	---	HM	5	---	
D127-1	7' - 0"	8' - 0"	GLASS	F	G3	---	2	---	

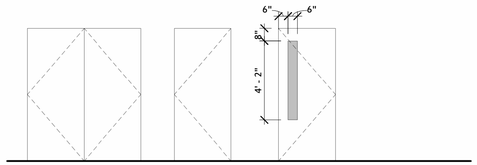
DOOR HARDWARE SCHEDULE

HARDWARE SET	DESCRIPTION
1	1 CYLINDER, REMINDER OF HARDWARE PROVIDED BY DOOR SUPPILER
2	1 PULL (SPECIFIED IN 083213), REMAINDER OF HARDWARE PROVIDED BY DOOR SUPPLIER
3	1 1/2 PAIR BUTTS, OFFICE LOCKSET, 3 SILENCERS, WALL STOP
4	1-1/2 PAIR BUTTS, STORE ROOM SET, 3 SILENCERS, WALL STOP
5	1-1/2 PAIR BUTTS, PUSH PLATE, PULL PLATE, CLOSER, 3 SILENCERS, WALL STOP
6	1 PAIR ELECTRIC BUTTS, CARD READER,REMINDER OF HARDWARE PROVIDED BY DOOR SUPPILER
7	2 PAIR BUTTS, 1 PAIR ELECTRIC BUTTS, CARDREADER, STOREROOM LOCKSET, FLUSH BOLTS, WEATHER STRIPPING, THRESHOLD, 2 FLOOR STOPS
8	3 PAIR BUTTS, STORE ROOM LOCKSET, FLUSH BOLTS, 6 SILENCERS, 2 WALL STOPS
9	ALL HARDWARE BY DOOR MANUFACTURER
10	1 1/2 PAIR BUTTS, OFFICE LOCKSET, 3 SILENCERS, CLOSER, WALL STOP
11	1 1/2 PAIR BUTTS, PRIVACY LOCKSET, 3 SILENCERS, WALL STOP
12	1 PAIR BUTTS, ELECTRIC BUTTS, LOCKSET, ELECTRIC STRIKE, CLOSER, 3 SILENCERS, WALL STOP

GLAZING SCHEDULE

MARK	DESCRIPTION
G1	1" TINTED INSULATED GLAZING
G2	1/4" CLEAR SINGLE GLAZING
G3	3/8" CLEAR SINGLE GLAZING
G4	GLAZING BY DOOR MANUFACTURER

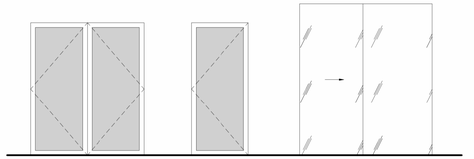
DOOR ELEVATIONS



HOLLOW METAL
A

WOOD
B

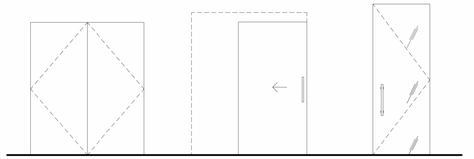
WOOD
C



ALUMINUM
D

ALUMINUM
E

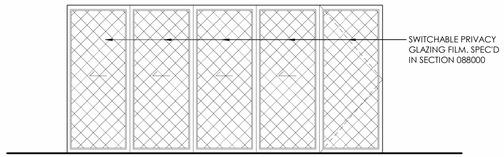
GLASS, SLIDING
F



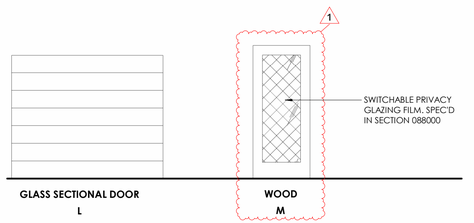
WOOD
G

WOOD, SLIDING
H

GLASS, SWING
J



ALUMINUM FOLDING WALL
K



GLASS SECTIONAL DOOR
L

WOOD
M

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Key Plan

No.	Description	Date
1	ADDENDUM 01	09/01/26

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PROJECT NO: 25300600
ISSUE DATE: 08/21/2026
CONTACT: W. BURGESS
QC BY:
QC DATE:

CONSTRUCTION DOCUMENTS

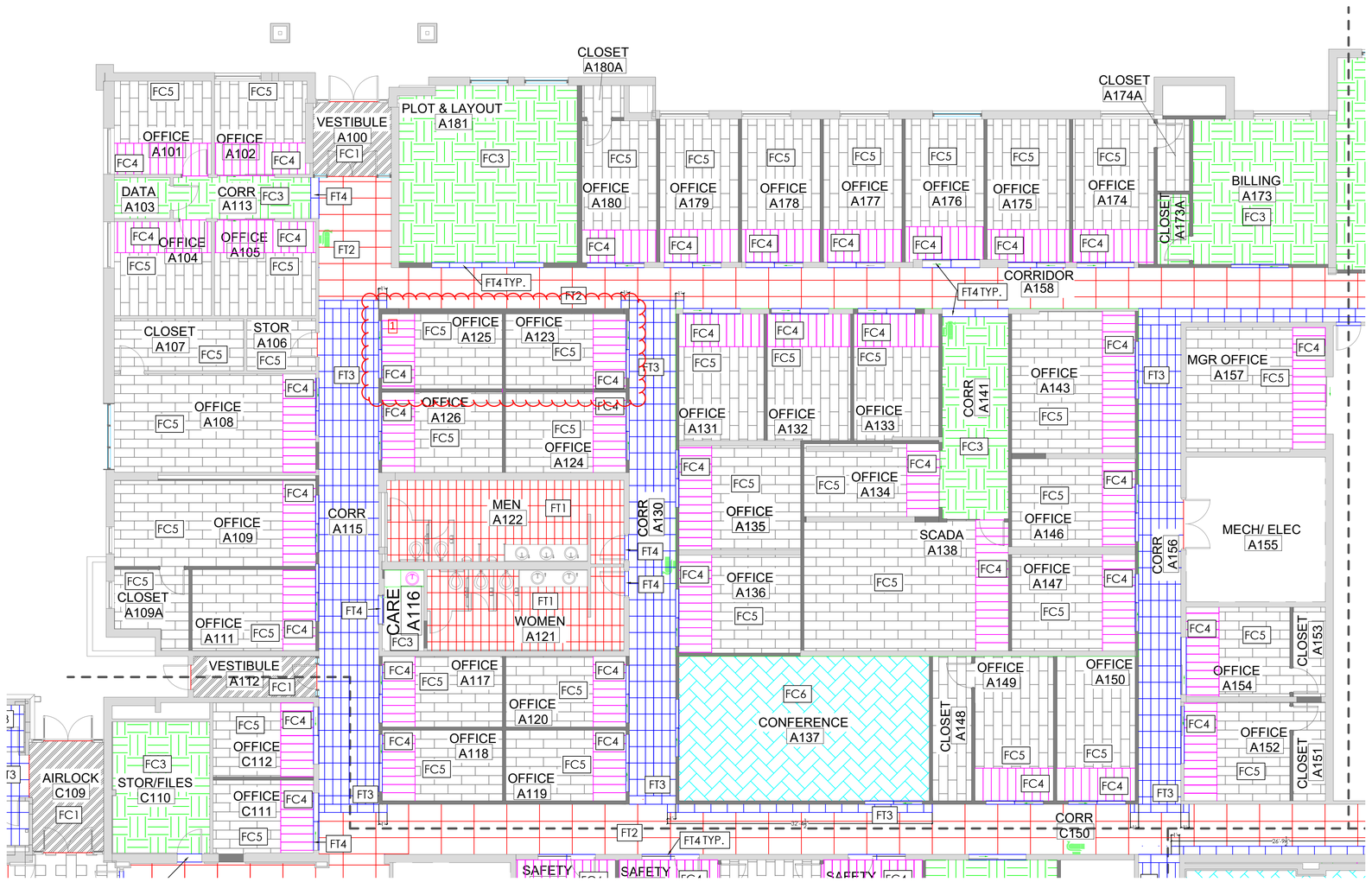
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DOOR SCHEDULE

A-601

PRINTED BY:
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FINISH LEGEND

- EX — EXISTING FLOORING / NO CHANGES
- FR1/ FR2/ FR3 — Resilient Sport Floor
- FT1 12x24
- FT2 24x48
- FT3 12x24
- FT4 24x48 — Used as Transitions
- FC1 — 24x24 Entry Carpet Tile Quarter-Turn Install
- FC2 — 18x36 Carpet Tile Ashlar Install
- FC3 — 24x24 Carpet Tile Monolithic Install
- FC4 — 12x48 Carpet Tile Custom Blend
- FC5 — 12x48 Carpet Tile Ashlar Install
- FC6 — 12X48 Carpet Tile Herringbone Install
- FC7 — 24x24 Carpet Tile Install Brick
- SC1 — Grind, Polish and Seal

FLOOR FINISH PLAN - QUADRANT A

1/8" = 1'-0"

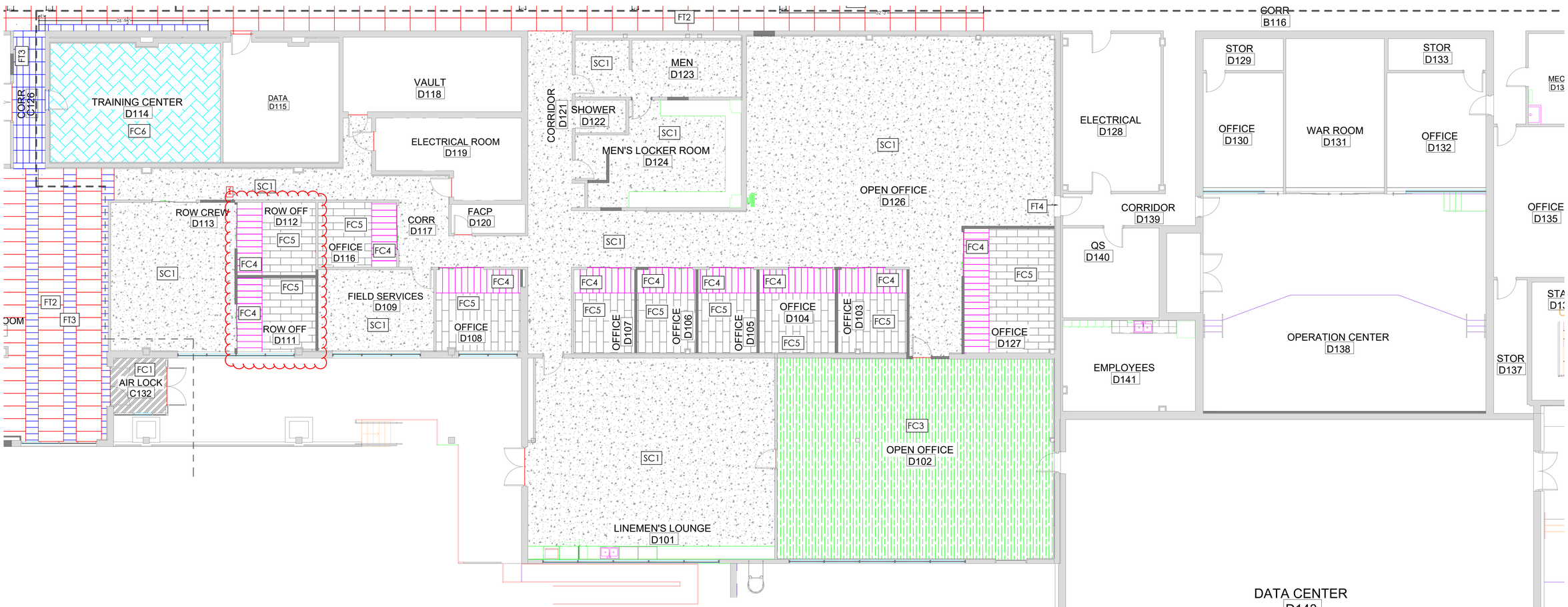
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FINISH LEGEND

- EX — EXISTING FLOORING / NO CHANGES
- FR1/ FR2/ FR3 — Resilient Sport Floor
- FT1 12x24
- FT2 24x48
- FT3 12x24
- FT4 24x48 — Used as Transitions
- FC1 — 24x24 Entry Carpet Tile, Quarter-Turn Install
- FC2 — 18x36 Carpet Tile, Ashlar Install
- FC3 — 24x24 Carpet Tile, Monolithic Install
- FC4 — 12x48 Carpet Tile, Custom Blend
- FC5 — 12x48 Carpet Tile, Ashlar Install
- FC6 — 12X48 Carpet Tile, Herringbone Install
- FC7 — 24x24 Carpet Tile, Install Brick
- SC1 — Grind, Polish and Seal

FLOOR FINISH PLAN - QUADRANT D

1/8" = 1'-0"

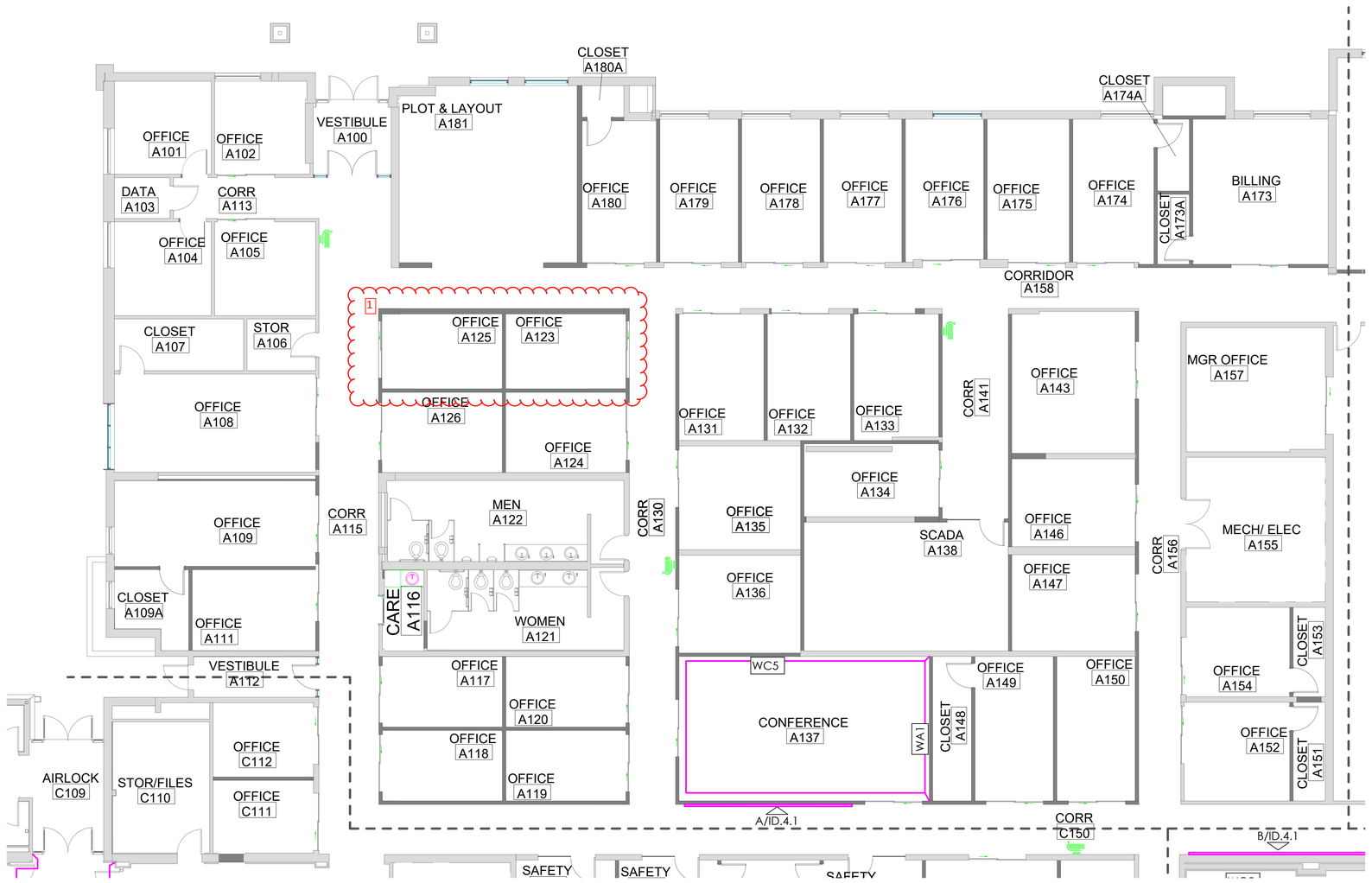
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WALL FINISH PLAN - QUADRANT A

1/8" = 1'-0"

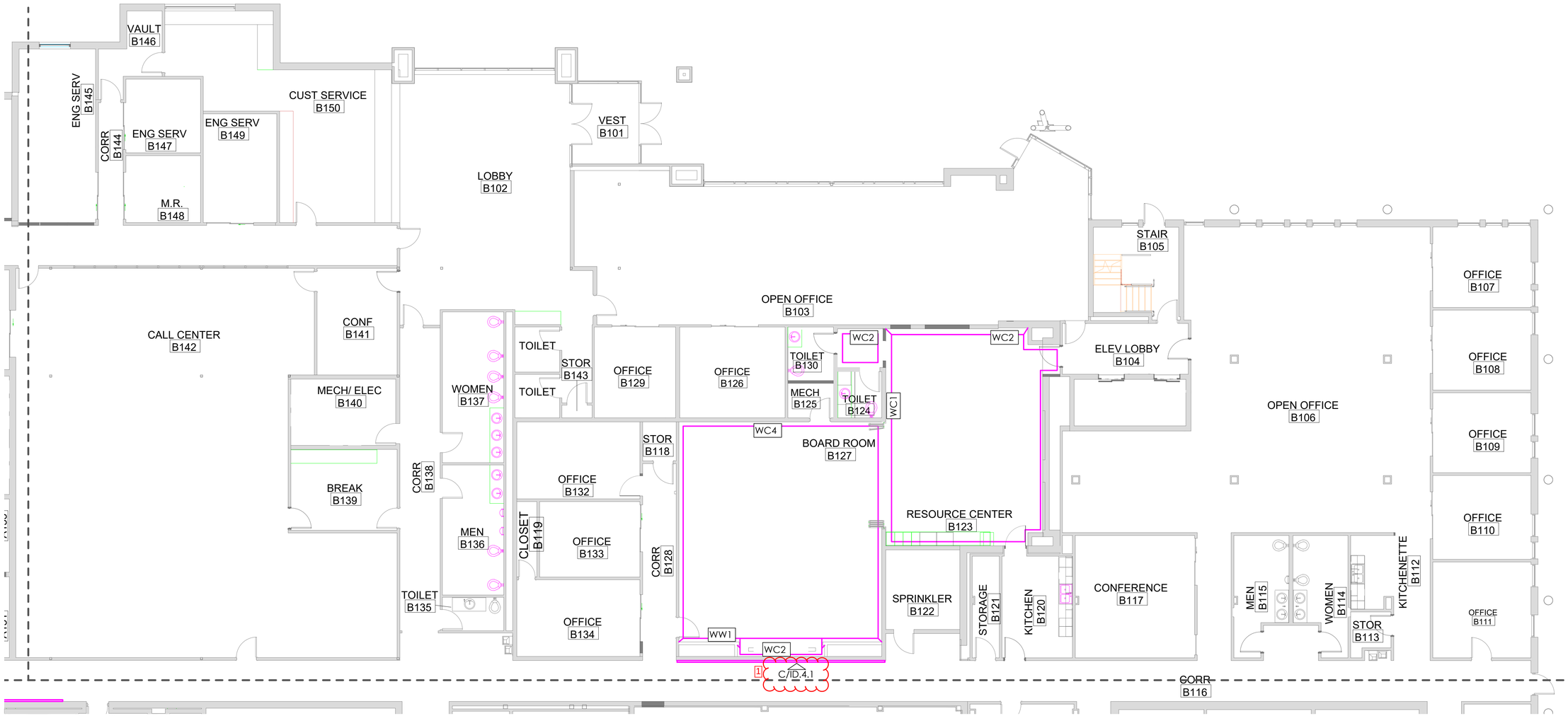
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WALL FINISH PLAN - QUADRANT B

1/8" = 1'-0"

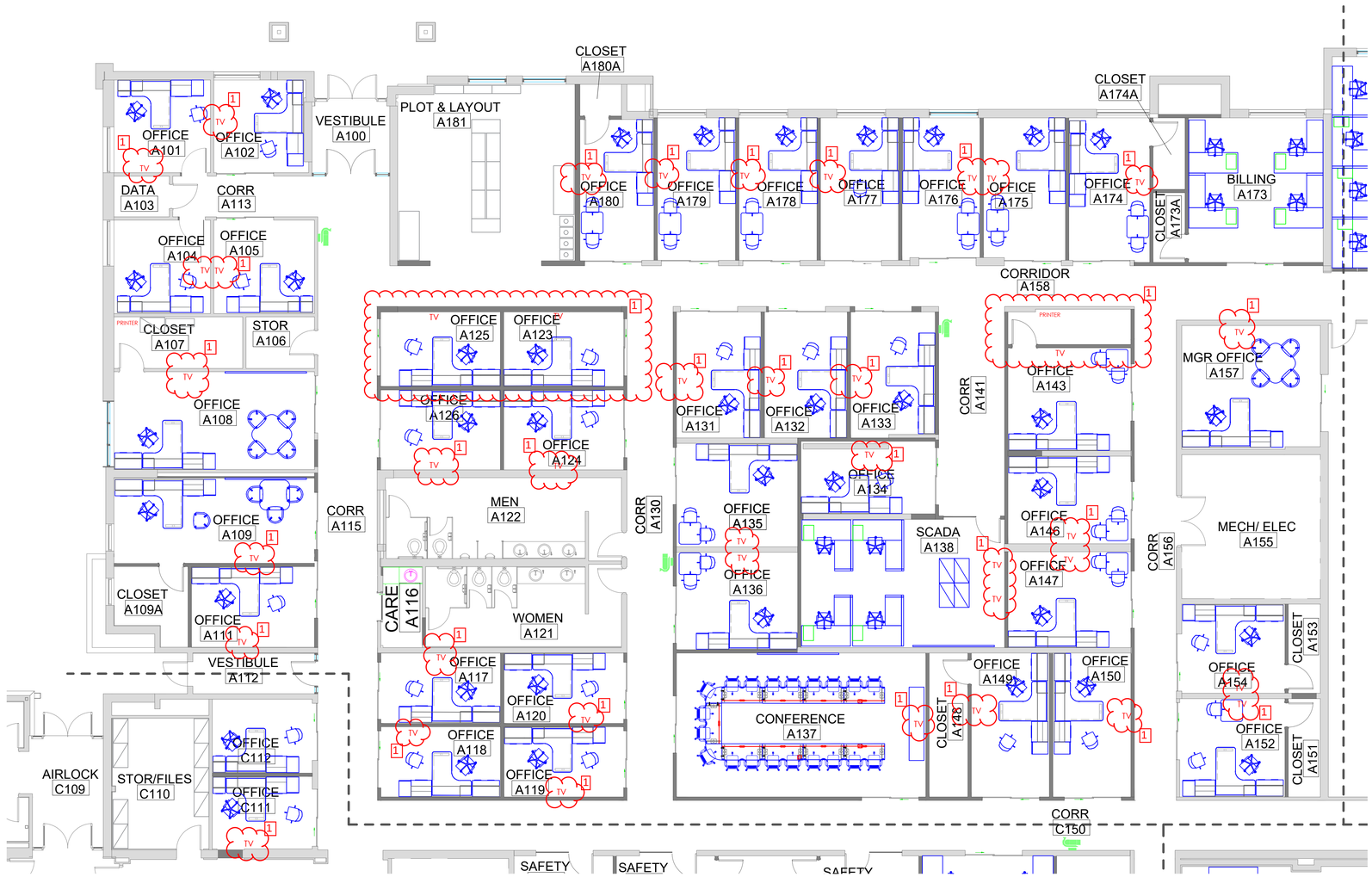
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FURNITURE PLAN - QUADRANT A

1/8" = 1'-0"

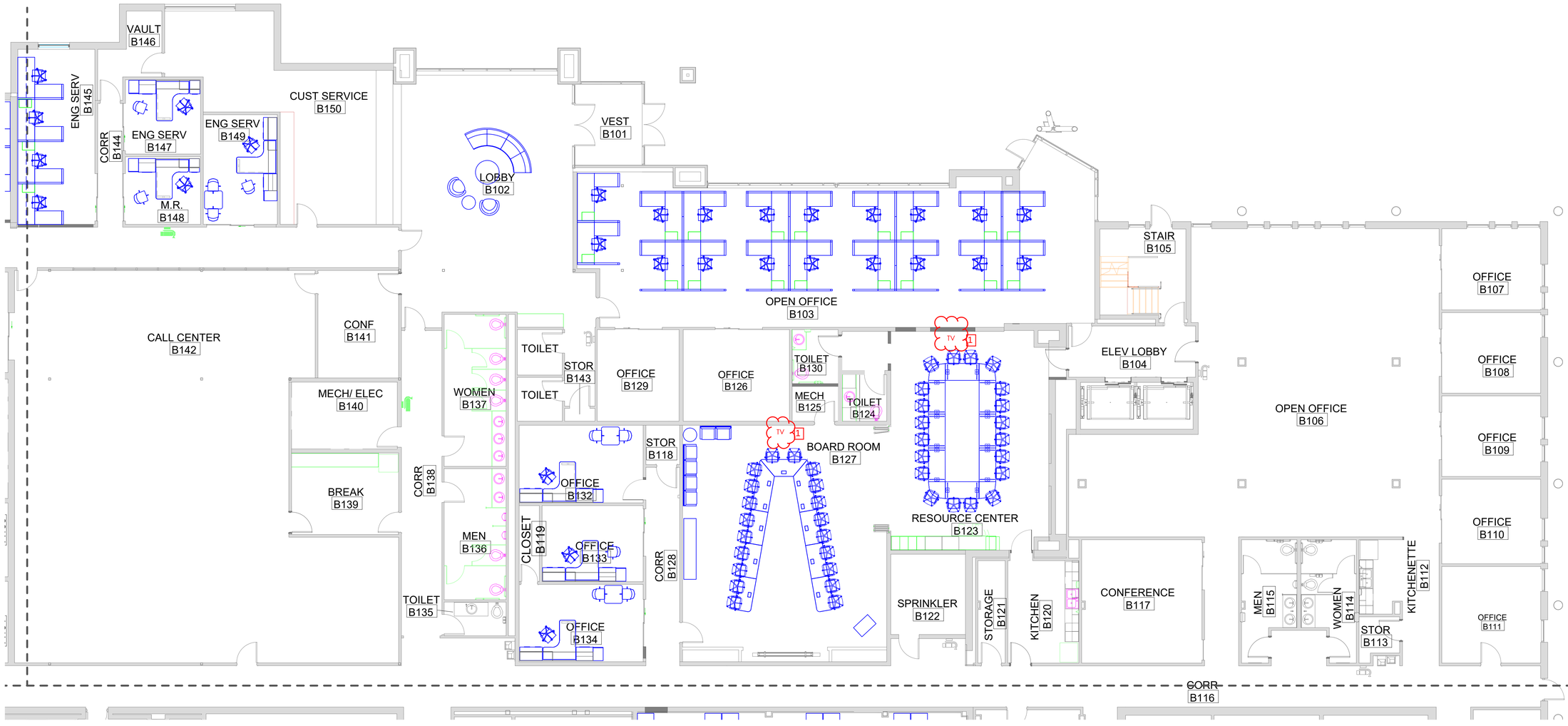
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FURNITURE PLAN - QUADRANT B

1/8" = 1'-0"

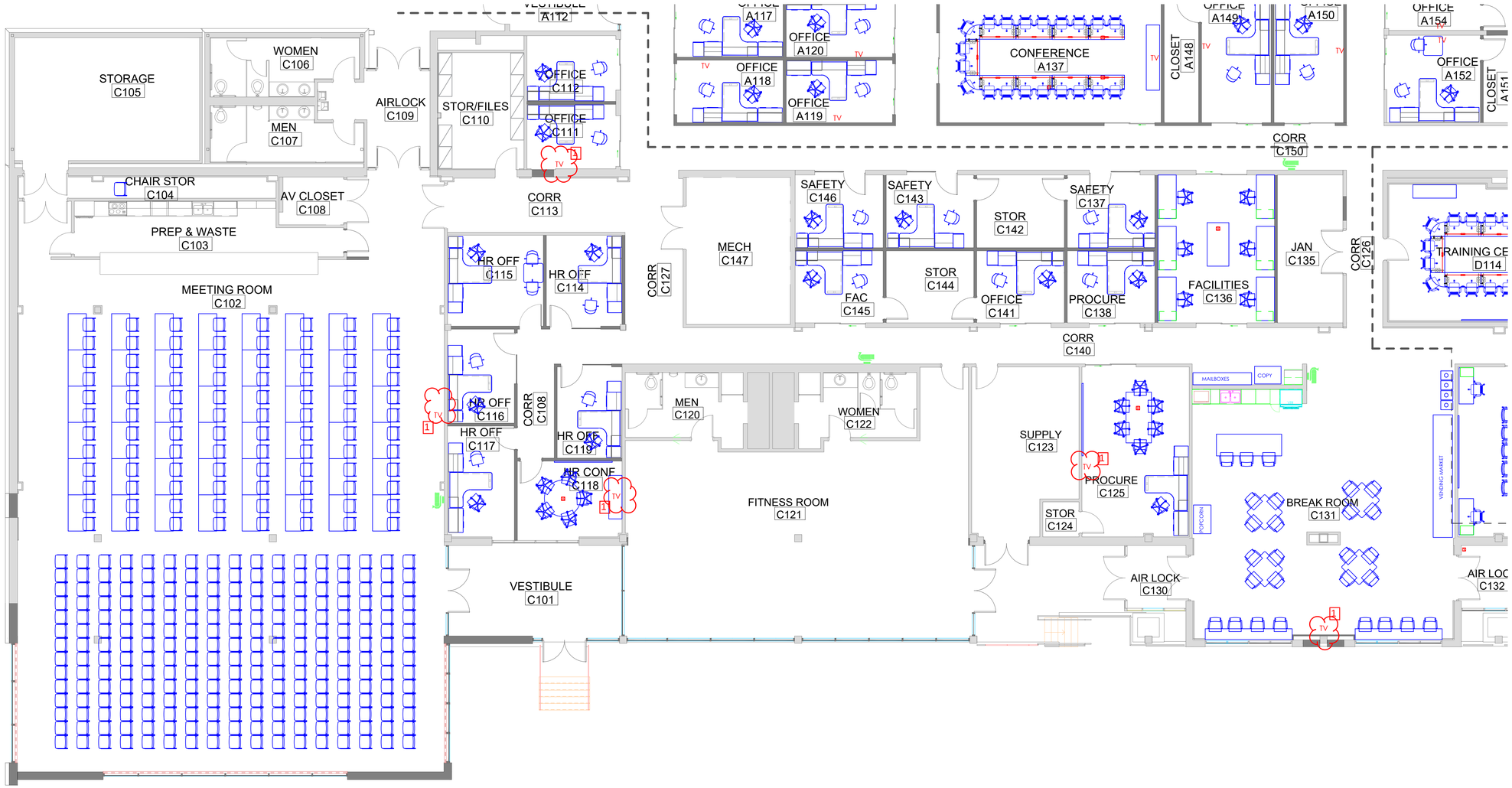
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FURNITURE PLAN - QUADRANT C

1/8" = 1'-0"

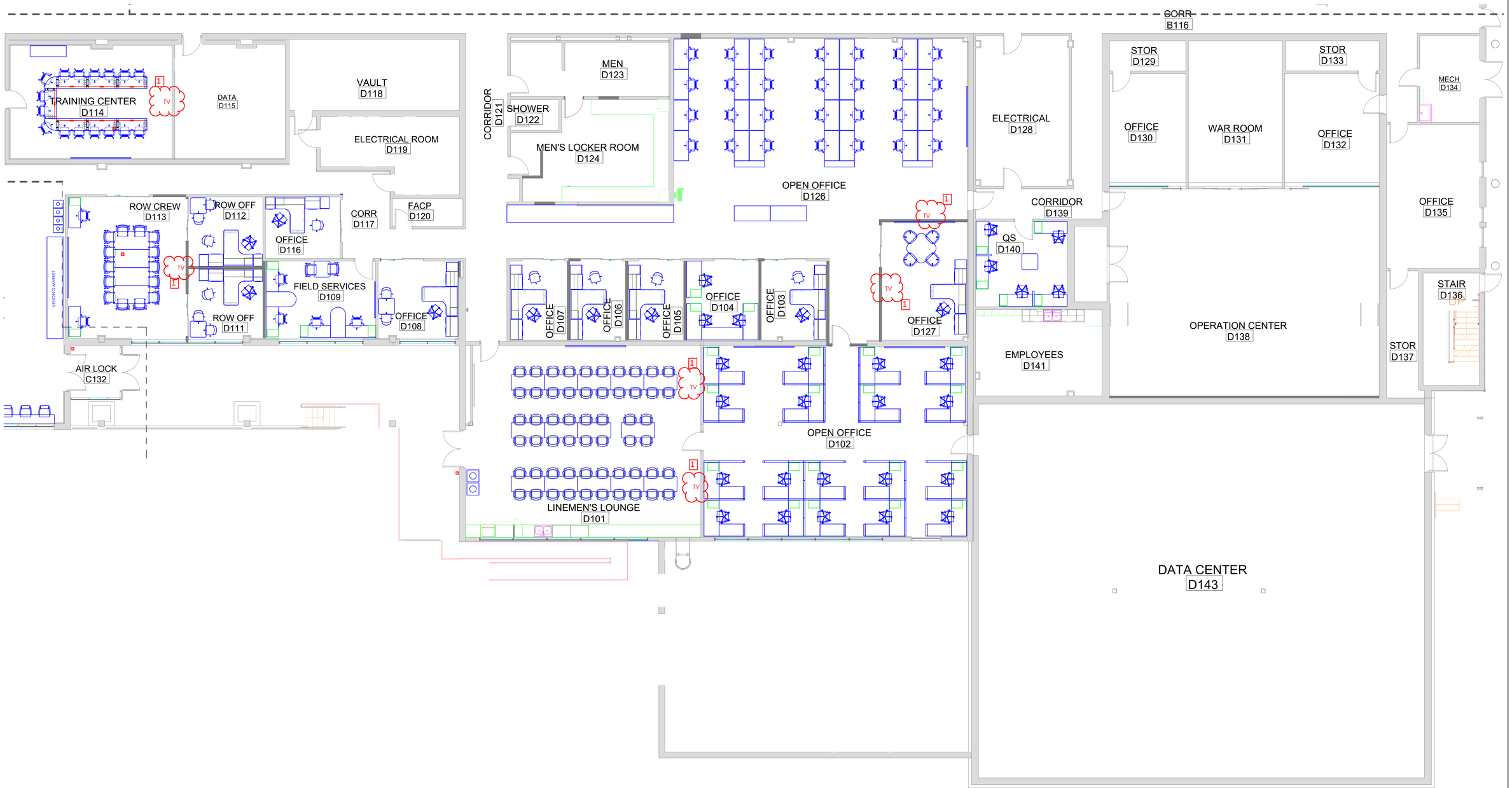
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FURNITURE PLAN - QUADRANT D

1/8" = 1'-0"

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ROOM SCHEDULE - QUADRANT A CONTINUED

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING	MILLWORK			DOOR		WINDOW	Notes
				NORTH	EAST	SOUTH	WEST	FINISH	COUNTERTOP	HARDWARE	CABINET	DOOR FINISH	FRAME	FINISH	
A169	NOT USED	--	--	PT35	--	--	--	--	--	--	--	--	--	--	
A173	BILLING	FC3 / FT4	WB1	PT36	PT4	PT1	PT4	ACT2	--	--	--	--	GLASS	MS1 [1]	
A173A	CLOSET	FC3	WB1	PT37	PT1	PT1	PT1	PT6	--	--	--	STAIN	PT5	MS1	
A174	OFFICE	FC4 / FC5 / FT4	WB1	PT38	PT1	PT1	PT1	ACT2	--	--	--	--	GLASS	MS1	
A174A	CLOSET	FC5	WB1	PT39	PT1	PT1	PT1	PT6	--	--	--	STAIN	PT5	--	
A175	OFFICE	FC4 / FC5 / FT4	WB1	PT40	PT1	PT1	PT1	ACT2	--	--	--	--	GLASS	MS1	
A176	OFFICE	FC4 / FC5 / FT4	WB1	PT41	PT1	PT1	PT1	ACT2	--	--	--	--	GLASS	MS1	
A177	OFFICE	FC4 / FC5 / FT4	WB1	PT42	PT1	PT1	PT1	ACT2	--	--	--	--	GLASS	MS1	
A178	OFFICE	FC4 / FC5 / FT4	WB1	PT43	PT1	PT1	PT1	ACT2	--	--	--	--	GLASS	MS1	
A179	OFFICE	FC4 / FC5 / FT4	WB1	PT44	PT1	PT1	PT1	ACT2	--	--	--	--	GLASS	MS1	
A180	OFFICE	FC4 / FC5 / FT4	WB1	PT45	PT1	PT1	PT1	ACT2	--	--	--	--	GLASS	--	
A180A	CLOSET	FC5	WB1	PT46	PT1	PT1	PT1	PT6	--	--	--	STAIN	PT5	--	
A181	PLOT / LAYOUT	FC3 / FT4	WB1	PT47	PT1	PT1	PT1	ACT2	--	--	--	--	--	MS1	

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ROOM SCHEDULE - QUADRANT C

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING	MILLWORK			DOOR		WINDOW	Notes
				NORTH	EAST	SOUTH	WEST	FINISH	COUNTERTOP	HARDWARE	CABINET	DOOR FINISH	FRAME	FINISH	
C101	VESTIBULE	FC1	WB2	PT1	PT1	PT1 / PT3	PT1	ACT1	--	--	--	STOREFRONT	STOREFRONT	--	Use TR1.
C102	MEETING ROOM	FC7 / FT4	WB2	PT1 / WP1	PT1 / WP1 / APG5	PT1 / WP1	PT1 / WP1 / APG5	ACT1 / PT6	EXISTING	EXISTING	EXISTING	EXISTING	PT5	PS1 / PS2	Use FT4 at Cooridor 113 threshold.
C103	PREP & WASTE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PT5	--	Use TR2.
C104	CHAIR STORAGE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PT5	--	Use TR2.
C105	STORAGE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	PT5	--	
C106	WOMEN	FT3	WB2	PT1	PT1	WT2 / WT3	PT1	PT6	QZ3	HD1	PL1	EXISTING	PT5	--	
C107	MEN	FT3	WB2	WT2 / WT3	PT1	PT1	PT1	PT6	QZ3	HD1	PL1	EXISTING	PT5	--	
C108	AV CLOSET	EXISTING	WB1	PT1	PT1	PT1	PT1	PT6	--	--	--	EXISTING	PT5	--	Use TR2.
C109	AIR LOCK	FC1	WB2	PT1	PT1	PT1	PT1	PT6	--	--	--	STOREFRONT	STOREFRONT	--	User TR1.
C110	STOR / FILES	FC3	WB1	PT1	PT1	PT1	PT1	PT6	--	--	--	EXISTING	PT5	--	Use FT4.
C111	OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	PT6	--	--	--	GLASS	--	--	Use FT4.
C112	OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	Use FT4.
C113	CORRIDOR	FT2	WB2	PT1	PT1	PT1	PT1	ACT1 / PT6	--	--	--	--	--	--	
C114	HR OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	GWF2	
C115	HR OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	GWF2	
C116	HR OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	GWF2	
C117	HR OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	GWF2 / MS1	
C118	HR CONFERENCE	FC6	WB1	WC5	WA1	WC5	WC5	ACT2	--	--	--	GLASS	--	GWF2 / MS1 / MS2	
C119	HR OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	GWF2	
C120	MEN	FT3	WB2	WT2 / WT3	PT1	PT1	PT1	ACT3	QZ3	HD1	PL1	EXISTING	PT5	--	
C121	FITNESS ROOM	FR1 / FR2 / FR3	WB2	PT2 / PT3 / WC6	PT1 / APG5	PT1	PT1 / APG5	ACT2	--	--	--	EXISTING	PT5	MS1	Use TR3.
C122	WOMEN	FT3	WB2	WT2 / WT3	PT1	PT1	PT1	ACT3	QZ3	HD1	PL1	EXISTING	PT5	--	
C123	SUPPLY	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	--	--	EXISTING	PT5	--	Use TR5.
C124	STORAGE	FC5	WB1	PT1	PT1	PT1	PT1	PT6	--	--	--	EXISTING	PT5	--	
C125	PROCURE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	
C126	CORRIDOR	FT3	WB2	PT1 / PT3	PT1 / PT3	--	PT1	ACT1 / PT6	--	--	--	--	--	--	PT3 at furr down. Refer to RCP.
C127	CORRIDOR	FT2	WB2	PT1	PT1	PT1	PT1	ACT1 / PT6	--	--	--	--	--	--	
C128	CORRIDOR	FC3 / FT4	WB2	PT1	PT1	PT1	PT1	ACT1 / PT6	--	--	--	--	--	--	
C129	NOT USED	--	--	--	--	--	--	--	--	--	--	--	--	--	
C130	AIR LOCK	FC1	WB2	PT1	PT1	PT1	PT1	ACT1	--	--	--	STOREFRONT	STOREFRONT	--	User TR1.
C131	BREAK ROOM	FT2 / FT3	WB2	PT1 / PT3 / WT2 / WT3	PT1	PT1	WC6	ACT2 / PT3	QZ2	HD1	PL1	--	--	MS1	PT3 at furr down. Refer to RCP.
C132	AIR LOCK	FC1	WB2	PT1	PT1	PT1	PT1	ACT1	--	--	--	STOREFRONT	STOREFRONT	--	User TR1.
C133	NOT USED	--	--	--	--	--	--	--	--	--	--	--	--	--	
C134	NOT USED	--	--	--	--	--	--	--	--	--	--	--	--	--	
C135	JANITOR	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	--	--	PT5	PT5	--	Use TR5.
C136	FACILITIES	FC3 / FT4	WB1	PT1	PT4	PT1	PT4	ACT2	--	--	--	GLASS	--	--	
C137	SAFETY	FC4 / FC5 / FT4	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	
C138	PROCURE	FC4 / FC5 / FT4	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	

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ROOM SCHEDULE - QUADRANT C CONTINUED

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING	MILLWORK			DOOR		WINDOW	Notes
				NORTH	EAST	SOUTH	WEST	FINISH	COUNTERTOP	HARDWARE	CABINET	DOOR FINISH	FRAME	FINISH	
C141	OFFICE	FC4 / FC5 / FT4	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	
C142	STORAGE	FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	STAIN	PT5	--	
C143	SAFETY	FC4 / FC5 / FT4	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	
C144	STORAGE	FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	STAIN	PT5	--	
C145	FACILITIES	FC4 / FC5 / FT4	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	
C146	SAFETY	FC4 / FC5 / FT4	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	
C147	MECH	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	--	--	PT5	PT5	--	
C148	NOT USED	--	--	--	--	--	--	--	--	--	--	--	--	--	
C149	NOT USED	--	--	--	--	--	--	--	--	--	--	--	--	--	
C150	CORRIDOR	FT2 / FT3	WB2	PT1 / PT2 / PT3 / APG1 / APG3	PT1 / PT3	PT1 / PT3 / APG2	PT1	ACT1 / PT6	--	--	--	--	--	--	PT2 & PT3 used at furr down. Refer to RCP.

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ROOM SCHEDULE - QUADRANT D

ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS				CEILING	MILLWORK			DOOR		WINDOW	Notes
				NORTH	EAST	SOUTH	WEST	FINISH	COUNTERTOP	HARDWARE	CABINET	DOOR FINISH	FRAME	FINISH	
D101	LINEMAN'S LOUNGE	SC1	WB2	PT1	PT1	PT1	PT1	ACT2 / PT6	QZ3	HD1	PL1	PT5	PT5	MS1	
D102	OPEN OFFICE	FC3	WB1	PT4	WC7	PT4	WC7	ACT2 / PT6	--	--	--	EXISTING	PT5	MS1	Use TR2.
D103	OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	Use TR2.
D104	OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	Use TR2.
D105	OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	Use TR2.
D106	OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	Use TR2.
D107	OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	Use TR2.
D108	OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	MS1	Use TR2.
D109	FIELD SERVICES	SC1	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	MS1	
D110	NOT USED	--	--	--	--	--	--	--	--	--	--	--	--	--	
D111	ROW OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	MS1	Use TR2.
D112	ROW OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	Use TR2.
D113	ROW CREW	SC1	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	MS1	Use TR2.
D114	TRAINING CENTER	FC6	WB2	WC5	WA1	WC5	WA1	ACT2	--	--	--	GLASS	--	--	
D115	DATA	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	--	--	PT5	PT5	--	Use TR2.
D116	NOT USED	--	--	--	--	--	--	--	--	--	--	--	--	--	
D117	CORRIDOR	SC1	WB2	PT1	PT1	PT1	PT1	ACT1 / PT6	--	--	--	--	--	--	
D118	VAULT	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	--	--	PT5	PT5	--	
D119	ELECTRICAL ROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	--	--	PT5	PT5	--	
D120	FACP	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	--	--	PT5	PT5	--	
D121	CORRIDOR	SC1	WB2	PT1	PT1	PT1	PT1	ACT1 / PT6	--	--	--	PT5	PT5	--	Use TR5.
D122	SHOWER	EXISTING	WB1	PT1	PT1	PT1	PT1	ACT3	--	--	--	PT5	PT5	--	
D123	MEN	SC1	WB1	PT1	PT1	PT1	PT1	ACT3	QZ4	HD2	PL2	PT5	PT5	--	New Toilet Partitions.
D124	MEN'S LOCKER ROOM	SC1	WB1	PT1	PT1	PT1	PT1	ACT3	--	--	--	PT5	PT5	--	
D125	NOT USED	--	--	--	--	--	--	--	--	--	--	--	--	--	
D126	OPEN OFFICE	SC1	WB1	PT1	PT1	PT1	PT1	ACT2 / PT6	--	--	--	--	--	--	
D127	OFFICE	FC4 / FC5	WB1	PT1	PT1	PT1	PT1	ACT2	--	--	--	GLASS	--	--	Use TR2.
D128	ELECTRICAL	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	
D129	STORAGE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	
D130	OFFICE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	
D131	WAR ROOM	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	
D132	OFFICE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	
D133	STORAGE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	
D134	MECH	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	
D135	OFFICE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	
D136	STAIR	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	
D137	STORAGE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	
D138	OPERATION CENTER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	
D139	CORRIDOR	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	
D140	QS	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	
D141	EMPLOYEES	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	--	

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SHEET NUMBER
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MATERIAL SPECIFICATIONS

Finish Code	Material	Manufacturer	Description				Installation Details	Product Contact
			Product Name	Pattern / Number	Color	Size		
WALL COVERINGS								
APG1	ACOUSTIC PANEL GROUP	CARNEGIE	Xorel Artform	Custom	Quote # QO6793	Varies	Install with manufacturer's recommended methods. Reference Elevation A Sheet ID.4.1	Ashley Frazier (501) 860-0387
APG2	ACOUSTIC PANEL GROUP	CARNEGIE	Xorel Artform	Custom	Quote # QO67941	Varies	Install with manufacturer's recommended methods. Reference Elevation B Sheet ID.4.1	Ashley Frazier (501) 860-0387
APG3	ACOUSTIC PANEL GROUP	CARNEGIE	Xorel Artform	Custom	Quote # QO6794	Varies	Install with manufacturer's recommended methods. Reference Elevation C Sheet ID.4.1	Ashley Frazier (501) 860-0387
APG4	ACOUSTIC PANEL GROUP	MOMENTUM	Pindrop	9572902	Cross the Line / Carbon	2'x4' and 4'x 4' panels installed with 1" standoffs	Install with 1" standoffs using manufacturer's recommended methods. Reference Elevations D, E and F Sheet ID.4.2	Amber Self (901) 930-8398
APG5	ACOUSTIC PANEL GROUP	MOMENTUM	Pindrop	9572902	Cross the Line / Carbon	48"w x 118"h x .5"thick	Install panels using Z Clips without spacing, cut to fit wall, floor to ceiling corner to corner.	Amber Self (901) 930-8398
CGR1	CORNER GUARD	KOROGUARD	Vinyl Corner Guard	G875	Simply White TE	8' x 3/4" wing	Install with manufacturer's recommended adhesive and methods.Only used at PT1.	Betsy Pollard (901) 201-9359
CGR2	CORNER GUARD	KOROGUARD	Vinyl Corner Guard	G875	Color TBD	8' x 3/4" wing	Install with manufacturer's recommended adhesive and methods.Only used at WP1.	Betsy Pollard (901) 201-9359
WC1	VINYL WALLCOVERING	MDC	Impulse	MCO2459	Pearl	54"w, 12.625" repeat	Pattern Match Non-reversible hang / straight match.	
WC2	VINYL WALLCOVERING	MDC	Illusive	TFC1904	Juniper	54"w	Pattern Match Reversible / Random	
WC3	VINYL WALLCOVERING	MDC	Cayman	MCY2519	Aspen	54"w	Pattern Match Random Match, Reversible Hang	
WC4	LINEN WALLCOVERING	MDC	Ryder	MNN1213	Sterling	54"w	Pattern match random non-reversible.	
WC5	VINYL WALLCOVERING	MDC	Cliffhanger	DG1125	Blue-Green Beams	54"w , 25.25"V repeat	Pattern Match Non-reversible straight across match.	
WC6	VINYL WALLCOVERING	MOMENTUM	Custom Digital	Type II Stipple Substrate	Shutterstock Image 504769126	Custom Mural		Amber Self (901) 930-8398
WC7	VINYL WALLCOVERING	MOMENTUM	Surge	2VSG-04	Aqua Stream	Digital Mural	4 Panel set (200"w x 120"h), 52/54" trim to 50". Non Reverse hang, straight match panels in sequence.	Amber Self (901) 930-8398
WA1	ACOUSTIC WALL COVERING	MOMENTUM	Nufelt	PTCO-25	Concentric / Navy	56"w x 1/8" thick. 29.1"v x 28"h repeat	Non-reverse hange, straight-across match. Install using Manufacturer's recommend methods and adhesives.	Amber Self (901) 930-8398
WP1	DECORATIVE WALL PROTECTION	MOMENTUM	P3TEC	P3T-60175	Infinity / Before Dark	trim to 48", 15 yd rolls, .037 thick	Install with coordinating corner guards and top cap. Install as 48"h wainscott on all walls and columns.	Amber Self (901) 930-8398
WT1	PORCELAIN WALL TILE	TRINITY TILE	Root	--	Canyon	12x24	Install with 1/8" grout joint using Bostic TruColor Rapid Cure # H142 French Gray. Install full height on wet walls, horizontal column stack. Align grout joints with floor grout joints. Refer to Interior Finish Elevations.	Ryan Bunch (479)644-3441
WT2	PORCELAIN WALL TILE	AMERICAN OLEAN	Color Story	0070	Sapphire Sky	4x12	Install with 1/8" grout joint using Bostic TruColor Rapid Cure # H145 Mobe Pearl. Install full height in Horizontal column stack in pattern with WT3. Refer to Interior Finish Elevations.	Gwyn Noland (214) 537-8973
WT3	PORCELAIN WALL TILE	AMERICAN OLEAN	Color Story	0082	Wisdom	4x12	Install with 1/8" grout joint using Bostic TruColor Rapid Cure #H145 Mobe Pearl. Install full height in Vertical column stack in pattern with WT2. Refer to Interior Finish Elevations.	Gwyn Noland (214) 537-8973
WW1	WOOD VENEER WALLCOVERING	KOROSEAL	Arbor Wood Veneer	AA9011	Walnut, American Flat Cut, Prefinished	3' x 10' sheet	Coordinate pattern match with Designer.	Betsy Pollard (901) 201-9359
PAINTS & STAINS								
PT1	PAINT	BENJAMIN MOORE	Winter White	OC-21	Latex Egshel	--		
PT2	PAINT	SHERWIN WILLIAMS	Jay Blue	6797	Latex Egshel	--	As accent paint on walls and ceiling furr downs as noted on Finish Plans and RCP.	
PT3	PAINT	BENJAMIN MOORE	Balsam	567	Latex Egshel	--	As accent paint on walls and ceiling furr downs as noted on Finish Plans and RCP.	
PT4	PAINT	BENJAMIN MOORE	Glacial Lake	867	Latex Egshel	--		
PT5	PAINT	SHERWIN WILLIAMS	Forged Steel	9565	Satin Enamel	--	All Hollow Metal Doors and Door Frames.	
PT6	PAINT	BENJAMIN MOORE	Winter White	OC-21	Latex Flat	--	All Gyp. Bd. Ceilings Unless Noted Otherwise.	

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SHEET NUMBER
ID.6.2

MATERIAL SPECIFICATIONS

Finish Code	Material	Manufacturer	Description				Installation Details	Product Contact
			Product Name	Pattern / Number	Color	Size		
CEILINGS								
ACT1	ACOUSTIC CEILING TILE	--	--	--	White	2x2	Ceiling tile and grid as spcified by Architect.	
ACT2	ACOUSTIC CEILING TILE	--	--	--	White	2x4	Ceiling tile and grid as spcified by Architect.	
ACT3	ACOUSTIC CEILING TILE	--	--	--	White	2x2	Ceiling tile and grid as spcified by Architect.	
WCP1	ACOUSTIC WOOD CEILING PANEL	--	--	--	--	--	Acoustic wood ceiling panel as specified by Architect.	
MILLWORK								
HD1	MILLWORK HARDWARE PULL	AMEROCK	Wire Pull	BP76312CSG10	Satin Nickel	4"		Placement will be noted on Shop Drawing Submittals.
HD2	MILLWORK HARDWARE PULL	AMEROCK	Balon Cabinet Pull	BP37484G10	Satin Nickel	5-1/16" C to C		Placement will be noted on Shop Drawing Submittals.
PL1	PLASTIC LAMINATE MILLWORK	FORMICA	Graphite Twill	8829-58	Matte	--	All vertical faces, frames, fillers, doors, drawers and exposed open shelves. Matching 3mm PVC edge banding on doors and drawers to be Doelken Woodtape # 2431 Slate Grey. Black Melamine Interiors.	Kate Dunnavant (501) 258-5347, kate.dunnavant@formica.com
PL2	PLASTIC LAMINATE MILLWORK	WILSONART	Walnut Heights	7965K-12	Softgrain Finish	--	All vertical faces, frames, fillers, doors, drawers and exposed open shelves. Matching 3mm PVC edge banding on doors and drawers. Black Melamine Interiors.	
TP1	TOILET PARTITIONS	HADRIAN	--	213	Bone	--	Brushed Stainless hardware. Style to match existing.	
QZ1	QUARTZ	CAMBRIA	Whitney	Signature Series	Polished	3cm	Flat Eased Edge.	Hollie Bayles (615) 720-7925
QZ2	QUARTZ	CAMBRIA	Salt Lake	Coordinates Series	Polished	3cm	Flat Eased Edge.	Hollie Bayles (615) 720-7925
QZ3	QUARTZ	CAMBRIA	Hadley	Signature Series	Polished	3cm	Flat Eased Edge.	Hollie Bayles (615) 720-7925
QZ4	QUARTZ	CAMBRIA	Delamere	Luxury Series	Polished	3cm	Flat Eased Edge.	Hollie Bayles (615) 720-7925
WINDOW COVERINGS								
GWF1	GLASS WINDOW FILM	BEST SIGN GROUP	Custom Cut Pattern	--	--	--	To match existing patterned window film as used in Tower.	Abby Plemmons (479) 621-6626
GWF2	GLASS WINDOW FILM	SOLYX	Deep Etch	SXGF-0097	Frosted	--	To be installed as band between 36" and 60" AFF.	
MS1	MANUAL ROLL SHADE	LUTRON	Basketweave	3% openess	Charcoal	--	Fabric wrapped hem bar. Satin Aluminum Fascia. Stainless Steel continuous control loop chain.	
MS2	MANUAL BLACK OUT SHADE	LUTRON	Element Façade	Blackout	Obsidian Façade	--	Fabric wrapped hem bar. Satin Aluminum Fascia. Stainless Steel continuous control loop chain. Matching side chanels.	
PS1	POWER ROLL SHADE	LUTRON	Basketweave	3% openess	Charcoal	--	Fabric wrapped hem bar. Satin Aluminum Fascia.	
PS2	POWER BLACKOUT SHADE	LUTRON	Element Façade	Blackout	Obsidian Façade	--	Fabric wrapped hem bar. Satin Aluminum Fascia and matching side channels.	

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MECHANICAL NOTES

1. THIS SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND REGULATIONS.
2. PROVIDE ACCESS PANELS AT ALL CONCEALED DEVICES (DAMPERS, VALVES, ETC.) REQUIRING ACCESSIBILITY FOR OPERATION OR MAINTENANCE. COORDINATE ACCESS PANEL LOCATION WITH OTHER TRADES TO AVOID CONFLICTS. DO NOT INSTALL ANY MAINTENANCE ITEMS ABOVE HARD CEILINGS IF IT CAN BE AVOIDED. PROVIDE MINIMUM 12X12 ACCESS DOOR OR 18X18 IF PERSONNEL ACCESS IS REQUIRED.
3. NO RIGID CONNECTIONS SHALL BE MADE BETWEEN SPRING MOUNTED EQUIPMENT AND THE STRUCTURE. ALL FANS SHALL BE CONNECTED TO DUCTS WITH FLEXIBLE SLEEVES AT LEAST 6" WIDE WITH SLACK. THE MECHANICAL SYSTEM SHALL OPERATE QUIETLY WITH ALL NOISE LEVELS BELOW ASHRAE RECOMMENDED GUIDELINES. PROVIDE CORRECTIVE ACTION TO REMOVE ALL OBJECTIONABLE NOISE AND VIBRATION.
4. ALL DUCT RUNOUTS TO DIFFUSERS AND GRILLES SHALL CONSIST OF A 45° TAKEOFF FITTING AND VOLUME DAMPER. LOCATE THE DAMPERS IN AN ACCESSIBLE LOCATION AS FAR AS PRACTICAL FROM THE AIR DEVICE.
5. ALL EQUIPMENT FURNISHED SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE ALL DRAINS, VENTS, CONNECTIONS, VIBRATION ISOLATION, ETC. TO EQUIPMENT IN ACCORDANCE WITH SAID INSTRUCTIONS. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR A COMPLETE, OPERATING SYSTEM. THIS INCLUDES ALL INCIDENTAL ITEMS, FITTINGS, HARDWARE AND CONNECTIONS NECESSARY FOR PROPER OPERATION EVEN IF THOSE ITEMS ARE NOT SPECIFICALLY INDICATED ON THE DRAWINGS.
6. WHERE MOUNTING HEIGHTS ARE NOT SPECIFIED, INSTALL MECHANICAL SERVICES AND OVERHEAD EQUIPMENT TO PROVIDE MAXIMUM HEADROOM POSSIBLE.
7. THESE DRAWINGS INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND ARE TO BE FOLLOWED INSOFAR AS POSSIBLE. THE CONTRACTOR SHALL FIELD VERIFY ALL MEASUREMENTS AND SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES TO AVOID CONFLICT OR DELAY.
8. ALL DUCT SIZES SHOWN ON THESE DRAWINGS ARE THE METAL DIMENSIONS. REFER TO MECHANICAL DUCTWORK AND INSULATION SCHEDULE FOR INSULATION REQUIREMENTS. THE DIMENSION SHOWN IS THE INSIDE METAL DIMENSION FOR ALL DUAL WALL DUCTS.
9. PIPE CONDENSATE DRAINS FROM ALL AIR HANDLING UNITS TO NEAREST ROOF DRAIN AND TURN DOWN TO AN AIR GAP. DO NOT DISCHARGE ANY CONDENSATE DIRECTLY ONTO ROOF.
10. ALL RUNOUT DUCT SIZES ON THE DRAWING SHALL BE THE SAME SIZE AS THE DIFFUSER NECK SIZE. REFER TO THE MECHANICAL SCHEDULE FOR ALL NECK SIZES PRIOR TO CONSTRUCTION.
11. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE FINAL LOCATION OF ALL CEILING MOUNTED DEVICES. MOUNTING HEIGHTS AND FINAL LOCATIONS OF ALL WALL MOUNTED DEVICES SHALL BE COORDINATED WITH ARCHITECTURAL ELEVATIONS PRIOR TO INSTALLATION.
12. THIS BUILDING CONTAINS A FIRE ALARM SYSTEM. THE MECHANICAL CONTRACTOR SHALL COORDINATE WITH THE MANUFACTURER OF THE EXISTING FIRE ALARM SYSTEM TO PROCURE NEW DUCT DETECTORS FOR THE PROJECT. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLATION OF NEW DUCT DETECTORS INCLUDING ALL CONDUIT AND WIRING. THE MECHANICAL CONTRACTOR SHALL INSTALL THE DUCT DETECTORS IN THE DUCTWORK AND SHALL PROVIDE CONTACTS FOR THE FIRE ALARM CONTROL CONNECTION FOR UNIT SHUTDOWN IN "ALARM" MODE. INSTALL DUCT DETECTORS IN THE RETURN DUCT OF ALL AIR HANDLING UNITS SUPPLYING 2000 CFM OF AIR OR GREATER.
13. UNLESS OTHERWISE NOTED, SYSTEMS SHALL BE BALANCED IN ACCORDANCE WITH INDUSTRY-ACCEPTED PROCEDURES TO WITHIN 10% OF DESIGN AIRFLOW RATES.
14. ALL DEVICES TO BE INSTALLED BY THIS TRADE SHALL BE COORDINATED WITH ALL TRADES (ARCHITECTURAL, MILLWORK, MECHANICAL, ELECTRICAL, FIRE PROTECTION, STRUCTURAL, ETC.) DURING CONSTRUCTION TO AVOID CONFLICTS AND TO PROVIDE A QUALITY PROJECT. IF YOU NOTICE ANY DISCREPANCY BETWEEN THIS WORK AND A SEPARATE TRADE, NOTIFY THE ENGINEER IMMEDIATELY FOR DIRECTION. ANY COORDINATION WORK THAT OCCURS WITHOUT APPROVAL FROM THE ENGINEER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ALL MOUNTING HEIGHTS SHALL BE CONFIRMED WITH ARCHITECTURAL ELEVATIONS IN EACH ROOM.
15. PROVIDE A RADIUS ELBOW ON ALL RECTANGULAR FITTINGS WITH ASPECT RATIO R/W=1. IF RADIUS ELBOW IS NOT PRACTICAL OR CREATES CONFLICT, THEN INSTALL TURNING VANES IN FITTING. USE ACOUSTIC STYLE PERFORATED VANES IN DUCTS WIDER THAN 20-INCHES.
16. FIRE DAMPERS SHALL BE PROVIDED AT ALL PENETRATIONS OF FIRE RATED WALLS, BARRIERS AND PARTITIONS. REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL FIRE BARRIER LOCATIONS AND RATING. FIRE DAMPER NOT REQUIRED IF ALL OF THE FOLLOWING MINIMUM REQUIREMENTS ARE MET;
    1. THE DUCT SHALL NOT EXCEED 100 SQUARE INCHES.
    2. THE DUCT SHALL BE CONSTRUCTED OF STEEL A MINIMUM OF 0.0217 INCH IN THICKNESS.
    3. THE DUCT SHALL NOT HAVE OPENINGS THAT COMMUNICATE THE CORRIDOR WITH ADJACENT SPACES OR ROOMS.
    4. THE DUCT SHALL BE INSTALLED ABOVE A CEILING.
    5. THE DUCT SHALL NOT TERMINATE AT A WALL REGISTER IN THE FIRE-RESISTANCE-RATED WALL.
    6. A MINIMUM 12-INCH-LONG BY 0.060-INCH-THICK STEEL SLEEVE SHALL BE CENTERED IN EACH DUCT OPENING. THE SLEEVE SECURED TO BOTH SIDES OF THE WALL AND ALL FOUR SIDES OF THE SLEEVE WITH MINIMUM 1-1/2"X1-1/2" BY 0.060-INCH STEEL RETAINING ANGLES. THE RETAINING ANGLES SHALL BE SECURED TO THE SLEEVE AND THE WALL WITH NO. 10 SCREWS. THE ANNULAR SPACE BETWEEN THE STEEL SLEEVE AND THE WALL OPENING SHALL BE FILLED WITH ROCK(MINERAL) WOOL BATTING ON ALL SIDES.

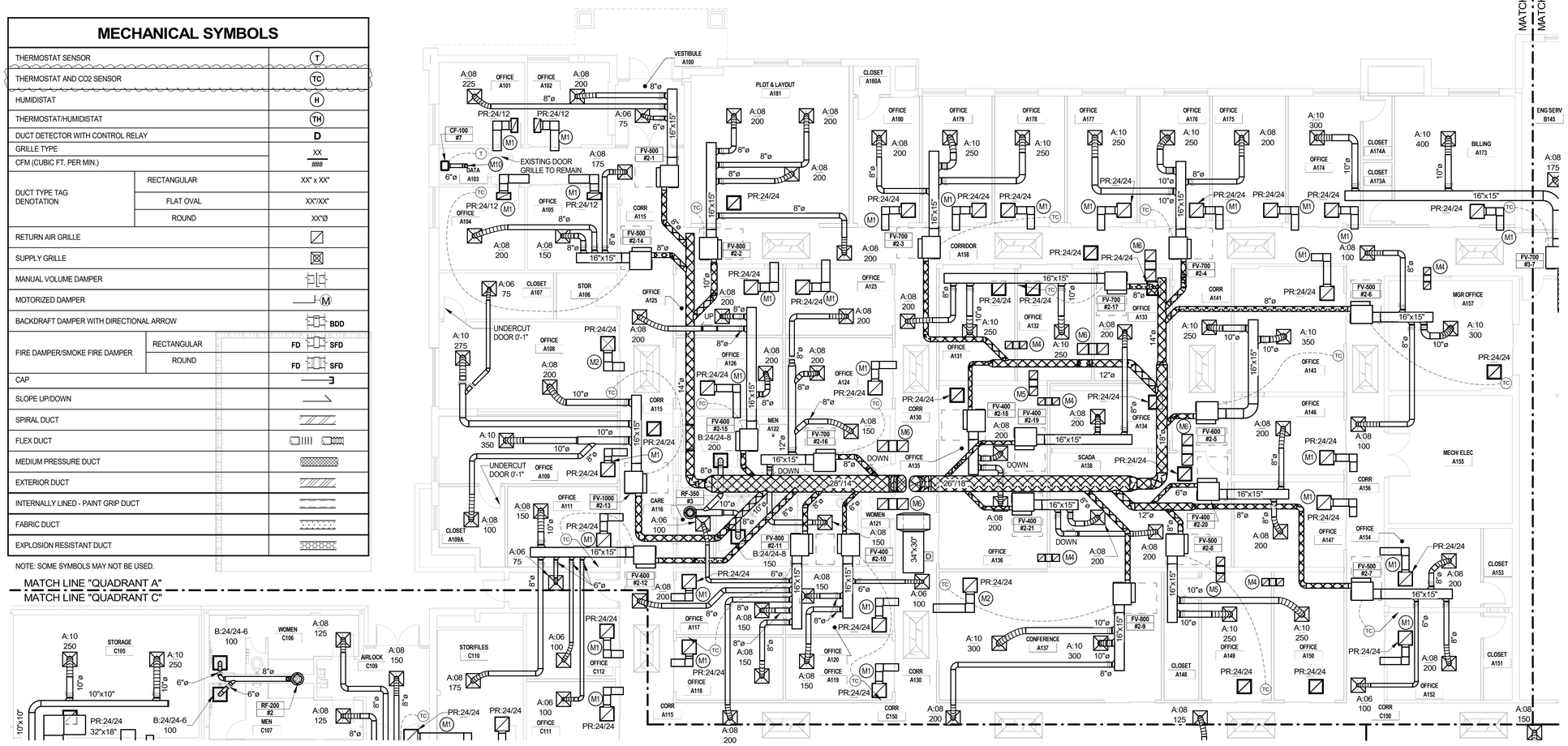
MECHANICAL PLAN NOTES

M1	12"X12" TRANSFER DUCT WITH PLENUM MOUNTED TO RETURN GRILLE, REFER TO DETAIL 3 ON SHEET M501
M2	14"X14" TRANSFER DUCT WITH PLENUM MOUNTED TO RETURN GRILLE, REFER TO DETAIL 3 ON SHEET M501
M4	12"X12" TRANSFER DUCT, REFER TO DETAIL 4 ON SHEET M-501
M5	14"X14" TRANSFER DUCT, REFER TO DETAIL 4 ON SHEET M-501
M6	18"X18" TRANSFER DUCT, REFER TO DETAIL 4 ON SHEET M-501
M10	TURN DUCT UP TO ROOF AND CONNECT TO ROOF CAP EQUAL TO ARTIS MODEL MVR ALUMINUM.

MECHANICAL SYMBOLS

THERMOSTAT SENSOR		T
THERMOSTAT AND CO2 SENSOR		TC
HUMIDISTAT		H
THERMOSTAT/HUMIDISTAT		TH
DUCT DETECTOR WITH CONTROL RELAY		D
GRILLE TYPE		XX
CFM (CUBIC FT. PER MIN.)		###
DUCT TYPE TAG DENOTATION	RECTANGULAR	XX" x XX"
	FLAT OVAL	XX"/XX"
	ROUND	XX"Ø
RETURN AIR GRILLE		
SUPPLY GRILLE		
MANUAL VOLUME DAMPER		
MOTORIZED DAMPER		M
BACKDRAFT DAMPER WITH DIRECTIONAL ARROW		BDD
FIRE DAMPER/SMOKE FIRE DAMPER	RECTANGULAR	FD SFD
	ROUND	FD SFD
CAP		
SLOPE UP/DOWN		
SPIRAL DUCT		
FLEX DUCT		
MEDIUM PRESSURE DUCT		
EXTERIOR DUCT		
INTERNALLY LINED - PAINT GRIP DUCT		
FABRIC DUCT		
EXPLOSION RESISTANT DUCT		

NOTE: SOME SYMBOLS MAY NOT BE USED.



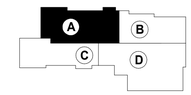
1 MECHANICAL FLOOR PLAN - QUADRANT A
1/8" = 1'-0"

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Key Plan



No.	Description	Date
1	Addendum No.1	09-01-26

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ISSUE DATE: 08/21/26
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CONSTRUCTION DOCUMENTS

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MECHANICAL FLOOR PLAN QUADRANT A

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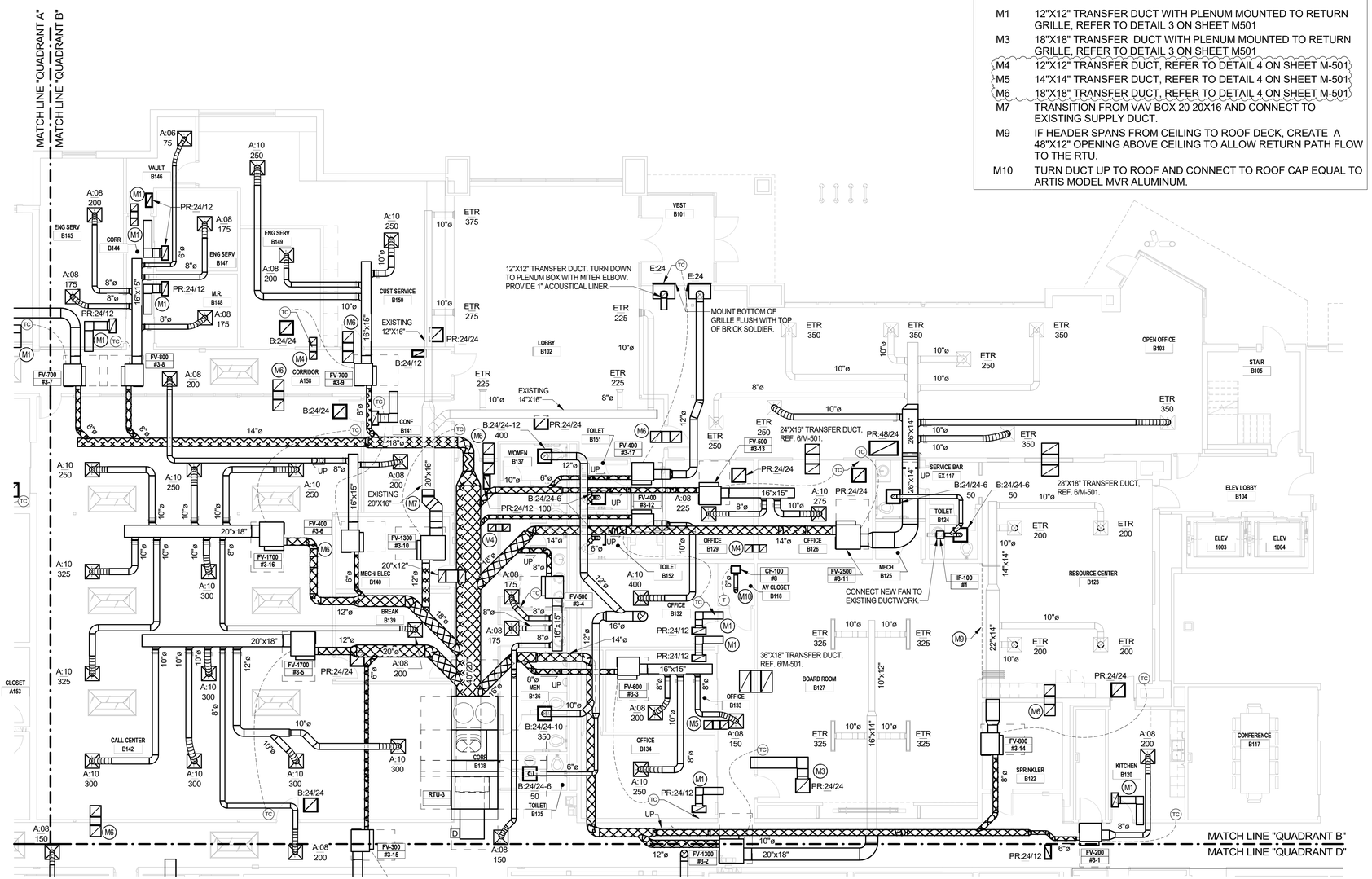
SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

M-101A

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MECHANICAL PLAN NOTES

M1	12"X12" TRANSFER DUCT WITH PLENUM MOUNTED TO RETURN GRILLE, REFER TO DETAIL 3 ON SHEET M501
M3	18"X18" TRANSFER DUCT WITH PLENUM MOUNTED TO RETURN GRILLE, REFER TO DETAIL 3 ON SHEET M501
M4	12"X12" TRANSFER DUCT, REFER TO DETAIL 4 ON SHEET M-501
M5	14"X14" TRANSFER DUCT, REFER TO DETAIL 4 ON SHEET M-501
M6	18"X18" TRANSFER DUCT, REFER TO DETAIL 4 ON SHEET M-501
M7	TRANSITION FROM VAV BOX 20 20X16 AND CONNECT TO EXISTING SUPPLY DUCT.
M9	IF HEADER SPANS FROM CEILING TO ROOF DECK, CREATE A 48"X12" OPENING ABOVE CEILING TO ALLOW RETURN PATH FLOW TO THE RTU.
M10	TURN DUCT UP TO ROOF AND CONNECT TO ROOF CAP EQUAL TO ARTIS MODEL MVR ALUMINUM.



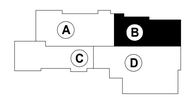
1 MECHANICAL FLOOR PLAN - QUADRANT B
1/8" = 1'-0"

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Key Plan



No.	Description	Date
1	Addendum No.1	09-01-26

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ISSUE DATE: 08/21/26
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MECHANICAL FLOOR PLAN - QUADRANT B

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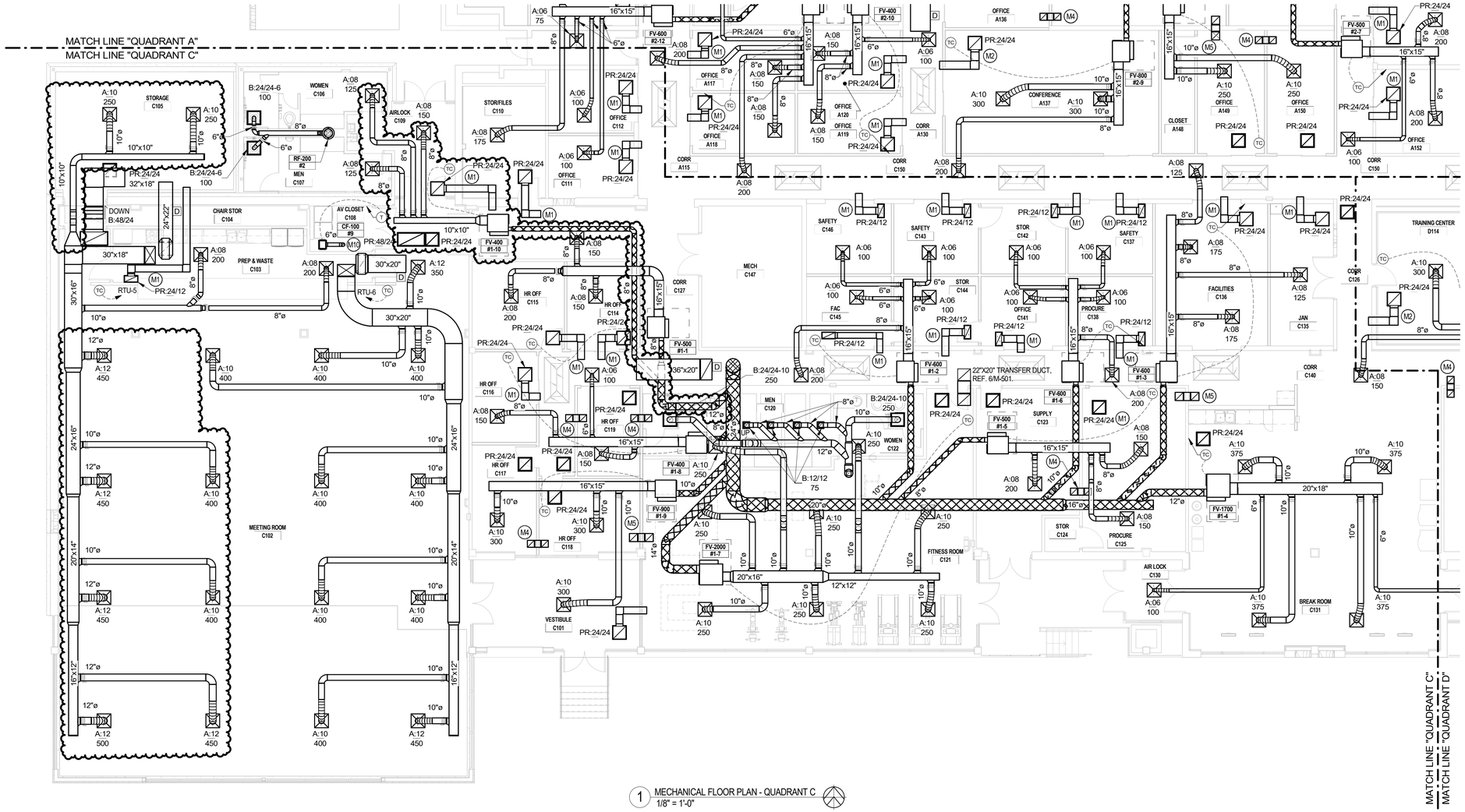
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M-101B

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MECHANICAL PLAN NOTES

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M10	TURN DUCT UP TO ROOF AND CONNECT TO ROOF CAP EQUAL TO ARTIS MODEL MVR ALUMINUM.

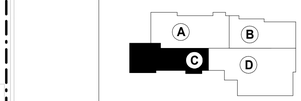


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MECHANICAL FLOOR PLAN QUADRANT C

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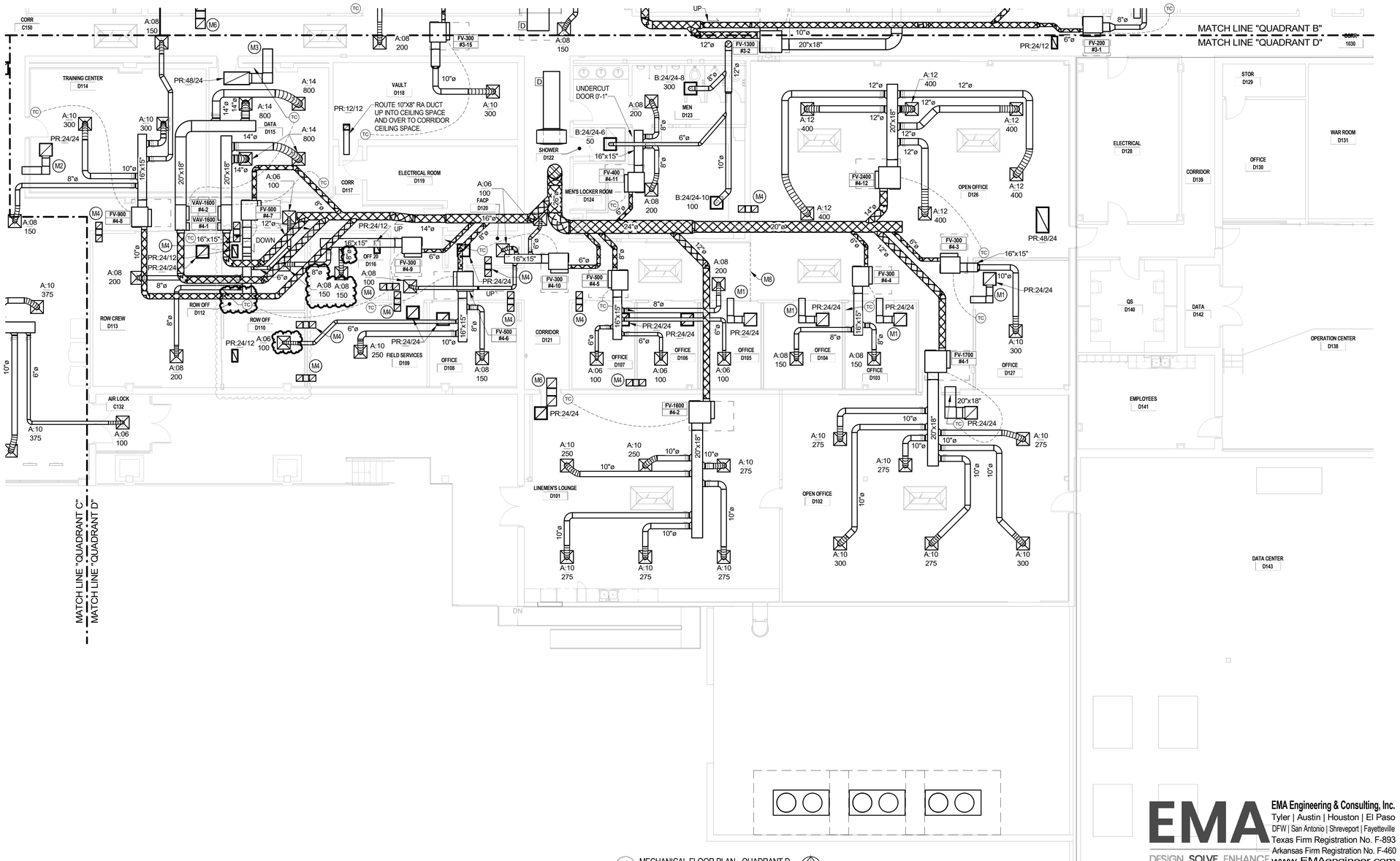
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M-101C

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M8	IF HEADER SPANS FROM CEILING TO ROOF DECK, CREATE A 48"X12" OPENING ABOVE CEILING TO ALLOW RETURN PATH FLOW TO THE RTU.



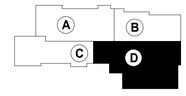
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PACKAGED ROOF TOP UNIT SCHEDULE

DX COOLING / GAS HEATING

RTU MARKS	DESIGN MANUFACTURER	MODEL	TONS	SEER2 | IEER	EER	E.S.P. (IN. W.C.)	FAN CFM		OUTSIDE AIR CFM	DX COOLING		HEAT INPUT (MBTUH)	ELECTRICAL				UNIT WEIGHT (LBS)	REMARKS | PROVIDE
							HIGH SPEED	LOW SPEED		TOTAL (MBTUH)	SENSIBLE (MBTUH)		VOLTAGE	PHASE	MCA	MOCP		
RTU-5	DAIKIN	DVH1204D	10	20	12.5	0.75	4,000	1,200	860	124	98.8	240	208 V	3	50 A	60 A	1293	1, 2, 3, 4, 5, 6, 7, 9, 10, 12, 13, 15, 16, 17, 18
RTU-6	DAIKIN	DVH1204D	10	20	12.5	0.75	4,000	1,200	860	124	98.8	240	208 V	3	50 A	60 A	1293	1, 2, 3, 4, 5, 6, 7, 9, 10, 12, 13, 15, 16, 17, 18

REFERENCE RTU REMARKS FOR LIST OF ACCESSORIES

PACKAGED MULTIZONE UNIT WITH POWERED EXHAUST SCHEDULE

DX COOLING / GAS HEATING

MZU MARKS	DESIGN MANUFACTURER	MODEL	IEER	EER	SUPPLY FAN		EXHAUST FAN		OA CFM MIN.	DX COOLING					HEAT INPUT (MBTUH)	ELECTRICAL				UNIT WEIGHT (LBS)	REMARKS | PROVIDE
					CFM	E.S.P. (IN. W.C.)	CFM	E.S.P. (IN W.G.)		TOTAL (MBTUH)	SENSIBLE (MBTUH)	EAT-DB (°F)	EAT-WB (°F)	LAT (°F)		VOLT.	PHASE	MCA	MOCP		
RTU-1	DAIKIN	DPSC17B	18.5	10.8	5,852	1.5	5,852	0.5	850	189	153	78 °F	64 °F	53 °F	300	208 V	3	115 A	175 A	2463	1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16
RTU-2	DAIKIN	DPSC30B	16.4	10.3	9,780	1.5	9,780	0.5	1020	328	259	77 °F	64 °F	52 °F	450	208 V	3	166 A	200 A	4433	1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16
RTU-3	DAIKIN	DPSC30B	16.4	10.3	10,700	1.5	10,500	0.5	1030	334	273	77 °F	64 °F	53 °F	450	208 V	3	164 A	200 A	4433	1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16
RTU-4	DAIKIN	DPSC30B	16.4	10.3	10,900	1.5	10,000	0.5	870	334	274	76 °F	63 °F	52 °F	450	208 V	3	164 A	200 A	4318	1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16

RTU REMARKS | PROVIDE

1. 2" FILTER RACK WITH MERV 8 FILTERS
2. ROOF CURB
3. HAIL COIL GUARD
4. MOTORIZED MODULATING OUTSIDE AIR DAMPER
5. CRANKCASE HEATER
6. FREEZE THERMOSTAT
7. A2L TYPE REFRIGERANT (R454B OR R32)
8. VARIABLE SPEED COMPRESSOR
9. TWO-STAGE COOLING
10. ECM OR VFD ON SUPPLY FAN
11. HINGED ACCESS DOORS
12. FACTORY INSTALLED DISCONNECT
13. BAS TERMINAL STRIP
14. POWERED EXHAUST
15. BAROMETRIC RELIEF
16. FACTORY INSTALLED CONVENIENCE OUTLET
17. HOT GAS REHEAT
18. CO2 SENSOR

VARIABLE AIR VOLUME SCHEDULE - ELECTRIC

SINGLE DUCT - COOLING ONLY

VAV MARKS	VAV TAGS	DESIGN MANUFACTURER	MODEL	MODULE SIZE	E.S.P. (IN. W.C.)	AIRFLOW CFM		ELECTRICAL HEATING					ELECTRICAL			WEIGHT (LBS)	REMARKS | PROVIDE
						HIGH SPEED	LOW SPEED	HEAT CFM	CAPACITY (KW)	CAPACITY (BTUH)	EAT (°F)	LAT (°F)	VOLTAGE	PHASE	MOCP		
VAV-1600	4-1, 4-2	METALAIRE	TH516	12	1	1,600	300	1120	0	44,000	55	92	208 V	3	15 A	90	1, 2, 3, 4

PARALLEL VARIABLE AIR VOLUME SCHEDULE - ELECTRIC

PARALLEL - ELECTRIC HEATING

PVAV MARKS	PVAV TAGS	DESIGN MANUFACTURER	MODEL	MODULE SIZE | NECK SIZE	INLET SP (IN. WG)	DOWN STREAM (IN. WG)	AIRFLOW CFM		ELECTRICAL HEATING					ELECTRICAL				WEIGHT (LBS)	REMARKS | PROVIDE
							HIGH SPEED	LOW SPEED	HEAT CFM	CAPACITY (KW)	CAPACITY (BTUH)	EAT (°F)	LAT (°F)	VOLTAGE	PHASE	MCA	MOCP		
FV-200	3-1	METALAIRE	FVI-C1-505	01:5	1	0.3	200	100	190	1.5	5.1	55	89	208 V	1	9.8 A	15 A	120	1, 2, 3, 4, 6
FV-300	3-15, 4-3, 4-4, 4-9, 4-10	METALAIRE	FVI-C1-506	01:6	1	0.3	300	150	240	2	6.8	55	89	208 V	1	15.8 A	20 A	120	1, 2, 3, 4, 6
FV-400	1-8, 1-10, 2-10, 2-18, 2-19, 2-20, 2-21, 3-6, 3-12, 3-17, 4-11	METALAIRE	FVI-C1-506	01:6	1	0.3	400	150	320	2.5	8.5	55	89	208 V	1	18.7 A	20 A	120	1, 2, 3, 4, 6
FV-500	1-1, 1-5, 2-1, 2-6, 2-7, 2-8, 2-14, 3-4, 3-13, 4-5, 4-8, 4-7	METALAIRE	FVI-C1-508	01:8	1	0.3	500	200	400	3	10.2	55	89	208 V	1	21.8 A	25 A	120	1, 2, 3, 4, 6
FV-600	1-2, 1-3, 1-6, 2-5, 2-12, 2-15, 3-3	METALAIRE	FVI-C1-508	01:8	1	0.3	600	200	480	3	10.2	55	89	208 V	1	21.8 A	25 A	120	1, 2, 3, 4, 6
FV-700	2-3, 2-4, 2-16, 2-17, 3-7, 3-9	METALAIRE	FVI-C2-508	02:8	1	0.3	700	200	560	4	13.5	55	90	208 V	1	27.8 A	30 A	125	1, 2, 3, 4, 6
FV-800	2-2, 2-9, 2-11, 3-8, 3-14	METALAIRE	FVI-C2-508	02:8	1	0.3	800	300	640	5	17.1	55	90	208 V	1	33.8 A	35 A	125	1, 2, 3, 4, 6
FV-900	1-9, 4-8	METALAIRE	FVI-C2-510	02:10	1	0.3	900	300	720	5.5	18.8	55	90	208 V	1	39.8 A	40 A	125	1, 2, 3, 4, 6
FV-1000	2-13	METALAIRE	FVI-C2-510	02:10	1	0.3	1,000	250	800	6	20.5	55	90	208 V	1	30.1 A	35 A	125	1, 2, 3, 4, 6
FV-1300	3-2, 3-10	METALAIRE	FVI-C5-512	05:12	1	0.3	1,300	300	1040	6.5	22.2	55	89	208 V	1	48.4 A	50 A	220	1, 2, 3, 4, 6
FV-1600	4-2	METALAIRE	FVI-C5-512	05:12	1	0.3	1,600	300	1280	8	27.3	55	90	208 V	3	37.1 A	40 A	220	1, 2, 3, 4, 6
FV-1700	1-4, 3-5, 3-16, 4-1	METALAIRE	FVI-C5-512	05:12	1	0.3	1,700	400	1360	9	30.7	55	90	208 V	3	40.6 A	45 A	220	1, 2, 3, 4, 6
FV-2000	1-7	METALAIRE	FVI-C3-514	03:14	1	0.3	2,000	940	1600	13	47.8	55	89	208 V	3	50.3 A	60 A	165	1, 2, 3, 4, 6
FV-2400	4-12	METALAIRE	FVI-C5-514	05:14	1	0.3	2,400	600	1920	13	44.4	55	90	208 V	3	54.5 A	60 A	220	1, 2, 3, 4, 6
FV-2500	3-11	METALAIRE	FVI-C5-514	05:14	1	0.3	2,500	500	2000	13	44.4	55	89	208 V	3	54.5 A	60 A	220	1, 2, 3, 4, 6

VAV REMARKS | PROVIDE

1. MINIMUM 3/4" FOIL FACED INSULATION
2. TOGGLE/DISCONNECT SWITCH
3. PRIMARY TO SECONDARY CONTROLS TRANSFORMER
4. MAX AIR PRESSURE DROP ACROSS COIL TO BE 0.50 IN-WC
5. MAX WATER PRESSURE DROP ACROSS COIL TO BE 5 FT HD
6. CO2 SENSOR

FAN SCHEDULE

FAN MARKS	DESIGN MANUFACTURER	MODEL	E.S.P. (IN. W.C.)	FAN CFM	ELECTRICAL		HP, WATTS	SONES	WEIGHT (LBS)	FAN CONTROL	FAN SYSTEM TYPE	REMARKS | PROVIDE	CEILING FAN (CF), HIGH VOLUME-LOW SPEED FAN (HF), INLINE FAN (IF), ROOF FAN (RF), WALL FAN (WF) TAGS
					VOLT.	PHASE							
CF-100	ACME	L0100	0.125	100	120 V	1	77 W	0.4	19	THERMOSTAT	EXHAUST	2, 4, 5, 6, 8	7, 8, 9
IF-100	ACME	L0100	0.125	100	120 V	1	77 W	0.5	19	EMCS	EXHAUST	2, 4, 5, 6, 8	1
RF-200	ACME	PRN060 (080-1)	0.2	200	120 V	1	1/10 HP	5.1	21	EMCS	EXHAUST	2, 4, 5, 9, 10	2
RF-350	ACME	PRN080 (080-3)	0.2	350	120 V	1	1/10 HP	4.8	21	EMCS	EXHAUST	2, 4, 5, 9, 10	3
RF-450	ACME	PRN080 (080-3)	0.2	450	120 V	1	1/10 HP	6.8	21	EMCS	EXHAUST	2, 4, 5, 9, 10	6
RF-840	ACME	PRN110	0.2	840	120 V	1	1/10 HP	5.6	24	EMCS	EXHAUST	2, 4, 5, 9, 10	4
RF-1000	ACME	PRN118	0.2	1,000	120 V	1	1/4 HP	6.9	48	EMCS	EXHAUST	2, 4, 5, 9, 10	5

FAN REMARKS | PROVIDE

1. EC MOTOR WITH MOUNTED SPEED CONTROLLER FOR BALANCING ONLY
2. EC MOTOR WITH MOUNTED SPEED CONTROLLER FOR CONNECTION TO EMCS (CONTROLLER & TRANSFORMER BY CONTROLS CONTRACTOR)
3. EC MOTOR or VFD FOR CONNECTION TO HOOD (CONTROLLER & TRANSFORMER BY KITCHEN CONTRACTOR)
4. FACTORY MOUNTED NON-FUSED DISCONNECT
5. BACKDRAFT DAMPER
6. HANGING ISOLATOR KIT
7. WHITE ALUMINUM GRILLE
8. BOLTED ACCESS PANELS
9. BIRD SCREEN
10. 18" HIGH ROOF CURB
11. 24" VENTED ROOF CURB
12. GREASE CAPTURE AND CONTAINMENT
13. SOFT STARTER FOR MOTOR
14. EC MOTOR WITH SPEED CONTROL SIGNAL FOR CONNECTION TO EMCS (CONTROLLER & TRANSFORMER BY CONTROLS CONTRACTOR)
15. (OTHER) - FAN CONTROL

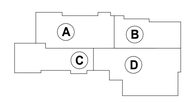
BRAKE HP SHALL NOT BE SELECTED WITHIN 10% OF MOTOR HORSE POWER

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MECHANICAL SCHEDULES

M-601

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ELECTRICAL DEMOLITION GENERAL NOTES

(SOME NOTES MAY NOT BE USED)

1. BEFORE DEMOLISHING PANELS, TRACE ALL BRANCH CIRCUITS TO CONFIRM THAT EXISTING LOADS HAVE BEEN RELOCATED TO NEW PANELS. IF A LOAD EXISTS THAT HAS NOT BEEN RELOCATED TO NEW PANELS AS SHOWN ON DRAWINGS, REROUTE TO NEW PANEL IN PHASING AREA.
2. EXISTING CONDUIT AND WIRING MAY BE REUSED IF ADEQUATELY SIZED AND IN GOOD CONDITION. ANY UNUSED CONDUIT AND WIRING SHALL BE REMOVED
3. IF EXISTING PANEL IS EMPTY AFTER COMPLETION OF RENOVATION, REMOVE PANEL AND EXISTING CONDUIT AND WIRING BACK TO SOURCE.

LIGHTING DEMOLITION PLAN NOTES

LD1 EXISTING LIGHT FIXTURES, SWITCHES, AND OCCUPANCY SENSORS TO BE REMOVED. EXISTING CONDUIT AND WIRING TO BE REMOVED BACK TO SOURCE.

LD2 EXISTING LIGHT FIXTURES AND OCCUPANCY SENSORS TO BE REMOVED, AND CONDUIT AND WIRING TO BE REMOVED BACK TO SOURCE. EXISTING RETAINED LIGHT SWITCH(ES) TO BE REPLACED WITH NEW WHITE DEVICES AND WHITE FACEPLATES.

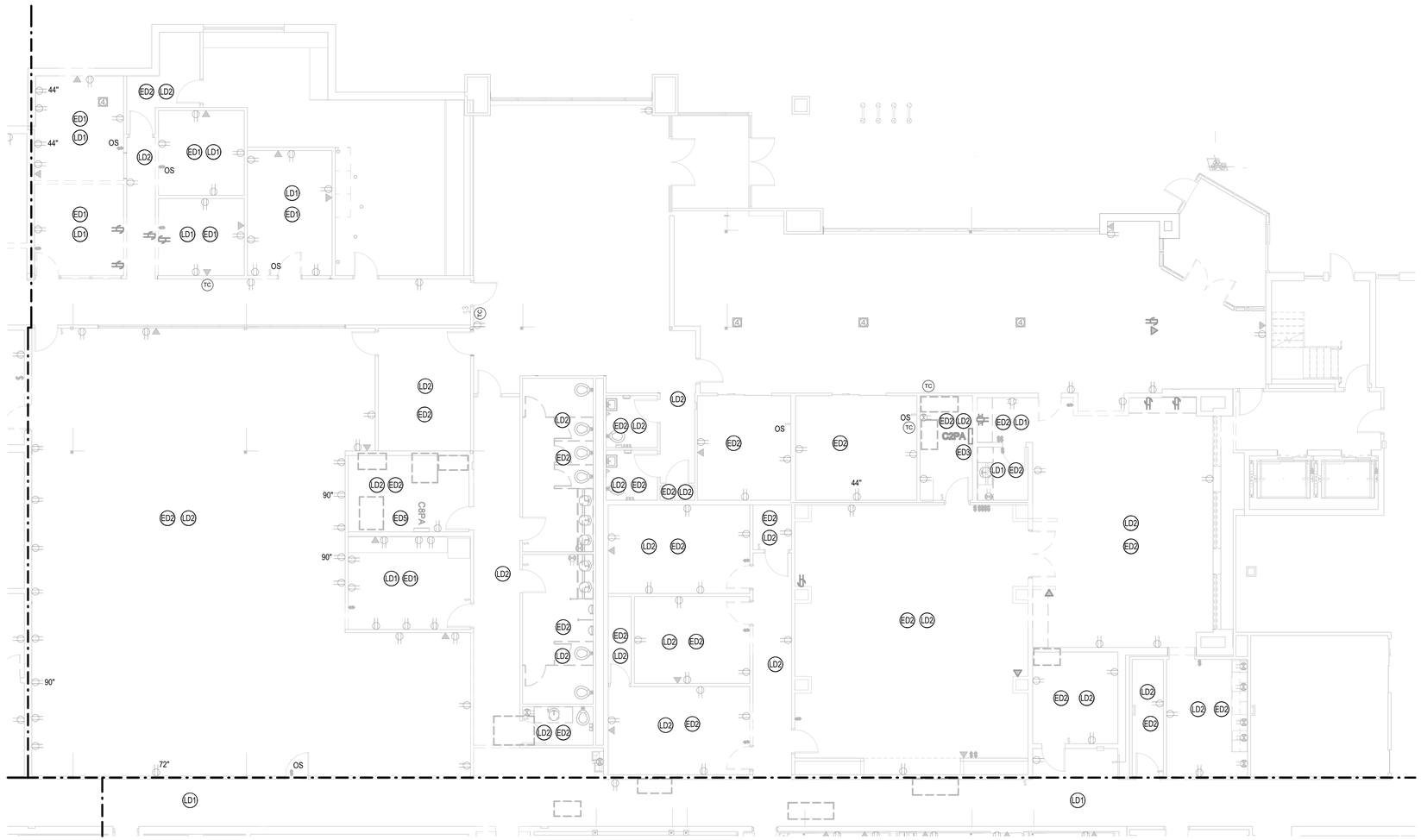
ELECTRICAL DEMOLITION PLAN NOTES

ED1 EXISTING POWER AND FIRE ALARM DEVICES TO BE REMOVED FROM DEMOLISHED WALLS, AND CONDUIT AND WIRING TO BE REMOVED BACK TO SOURCE. EXISTING RETAINED POWER DEVICES TO BE REPLACED WITH NEW WHITE DEVICES AND WHITE FACEPLATES.

ED2 EXISTING RETAINED POWER DEVICES TO BE REPLACED WITH NEW WHITE DEVICES AND WHITE FACEPLATES.

ED3 EXISTING PANEL TO BE REMOVED AT COMPLETION OF PHASE WORK. EXISTING PANEL MAY SERVE CIRCUITS IN FUTURE PHASES, THOSE CIRCUITS SHALL BE IDENTIFIED AND REROUTED TO A PANEL IN THE FUTURE PHASE THAT HAS ADEQUATE SPACE AND CAPACITY. REMOVE EXISTING WIRING AND CONDUIT BACK TO SOURCE.

ED5 EXISTING PANEL TO REMAIN IN PLACE AND OPERATIONAL.



1 ELECTRICAL DEMOLITION PLAN QUADRANT B
1/8" = 1'-0"

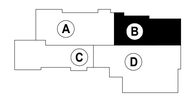
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1	Addendum No.1	09-01-26

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ELECTRICAL DEMOLITION PLAN QUADRANT B

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ED-101B

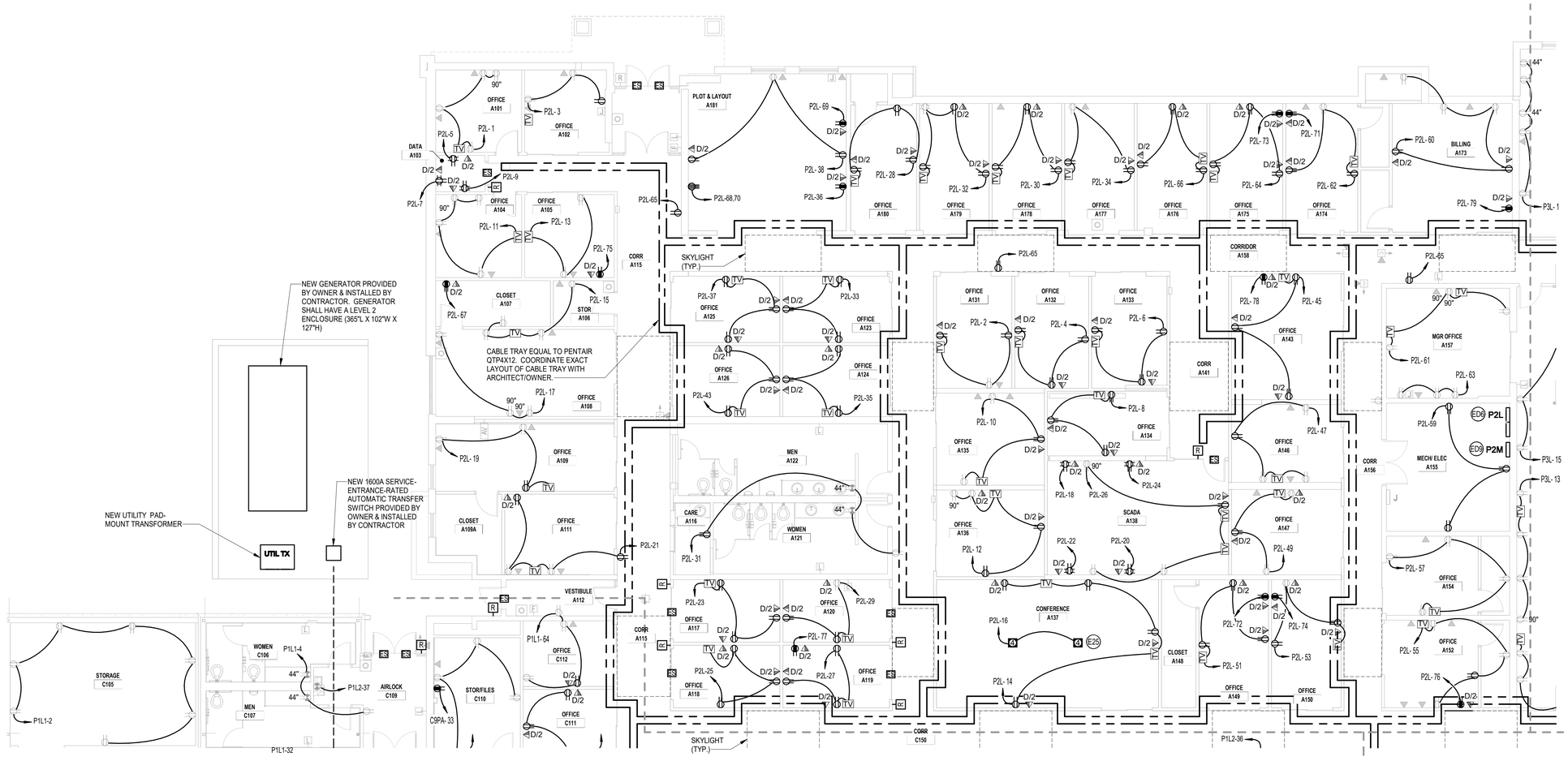
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Plotted by: Wade.Burgess@craftontull.com

ELECTRICAL GENERAL NOTES

1. SEE SHEET E-401 FOR GENERAL NOTES APPLICABLE TO THE ENTIRE DRAWING SET.

ELECTRICAL PLAN NOTES

E25 CONCRETE SLAB TO BE SAW-CUT FOR FLOOR BOX INSTALLATION. EXACT FLOOR BOX LOCATION TO BE COORDINATED WITH FURNITURE SUPPLIER. TYPICAL FOR ALL LOCATIONS IN THIS ROOM/SPACE.



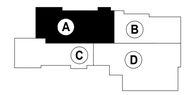
1 ELECTRICAL POWER PLAN QUADRANT A
1/8" = 1'-0"

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E-101A

M:\2025\25-2571\300\00 - Ozarks 1st Floor\25-0068 FIRST FLOOR REMODEL MEP-C R24.rvt

ELECTRICAL GENERAL NOTES

1. SEE SHEET E-401 FOR GENERAL NOTES APPLICABLE TO THE ENTIRE DRAWING SET.

ELECTRICAL PLAN NOTES

E17 PROVIDE (1) 6" DEDICATED FIBER/DATA CONDUIT FROM ROOM D115 TO EMPLOYEE MEETING ROOM - A.V. ROOM. CONTRACTOR TO DETERMINE EXACT ROUTING. APPROXIMATELY 220 FEET.

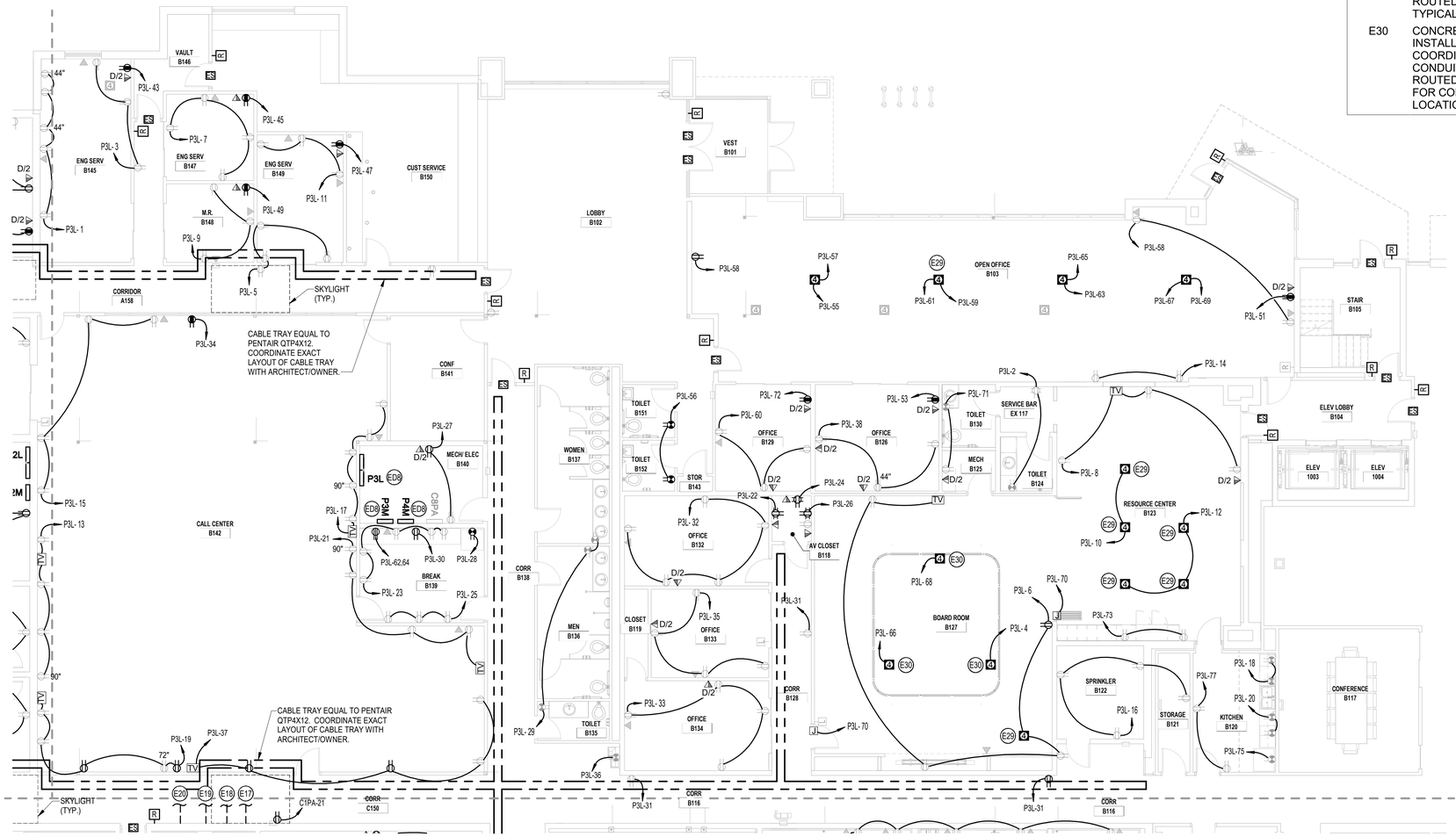
E18 PROVIDE (1) 6" DEDICATED FIBER/DATA CONDUIT FROM ROOM D115 TO DATA A130. CONTRACTOR TO DETERMINE EXACT ROUTING. APPROXIMATELY 230 FEET.

E19 PROVIDE (1) 6" DEDICATED FIBER/DATA CONDUIT FROM ROOM D115 TO STORAGE B128. CONTRACTOR TO DETERMINE EXACT ROUTING. APPROXIMATELY 120 FEET.

E20 PROVIDE (1) 6" DEDICATED FIBER/DATA CONDUIT FROM ROOM D115 TO OFFICE A180. CONTRACTOR TO DETERMINE EXACT ROUTING. APPROXIMATELY 170 FEET.

E29 CONCRETE SLAB TO BE SAW-CUT FOR FLOOR BOX INSTALLATION. EXACT FLOOR BOX LOCATION TO BE COORDINATED WITH FURNITURE SUPPLIER. PROVIDE (2) 1" CONDUITS TO EACH FLOOR BOX (FOR DATA & HDMI CABLES), ROUTED TO AN ADJACENT WALL AND UP TO ABOVE CEILING. TYPICAL FOR ALL LOCATIONS IN THIS ROOM/SPACE.

E30 CONCRETE SLAB TO BE SAW-CUT FOR FLOOR BOX INSTALLATION. EXACT FLOOR BOX LOCATION TO BE COORDINATED WITH FURNITURE SUPPLIER. PROVIDE (2) 1" CONDUITS TO EACH FLOOR BOX (FOR DATA & HDMI CABLES), ROUTED TO STORAGE B118 AND STUBBED UP THROUGH FLOOR FOR CONNECTION TO AV EQUIPMENT. TYPICAL FOR ALL LOCATIONS IN THIS ROOM/SPACE.



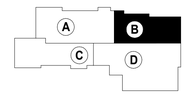
1 ELECTRICAL POWER PLAN QUADRANT B
1/8" = 1'-0"

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E-101B

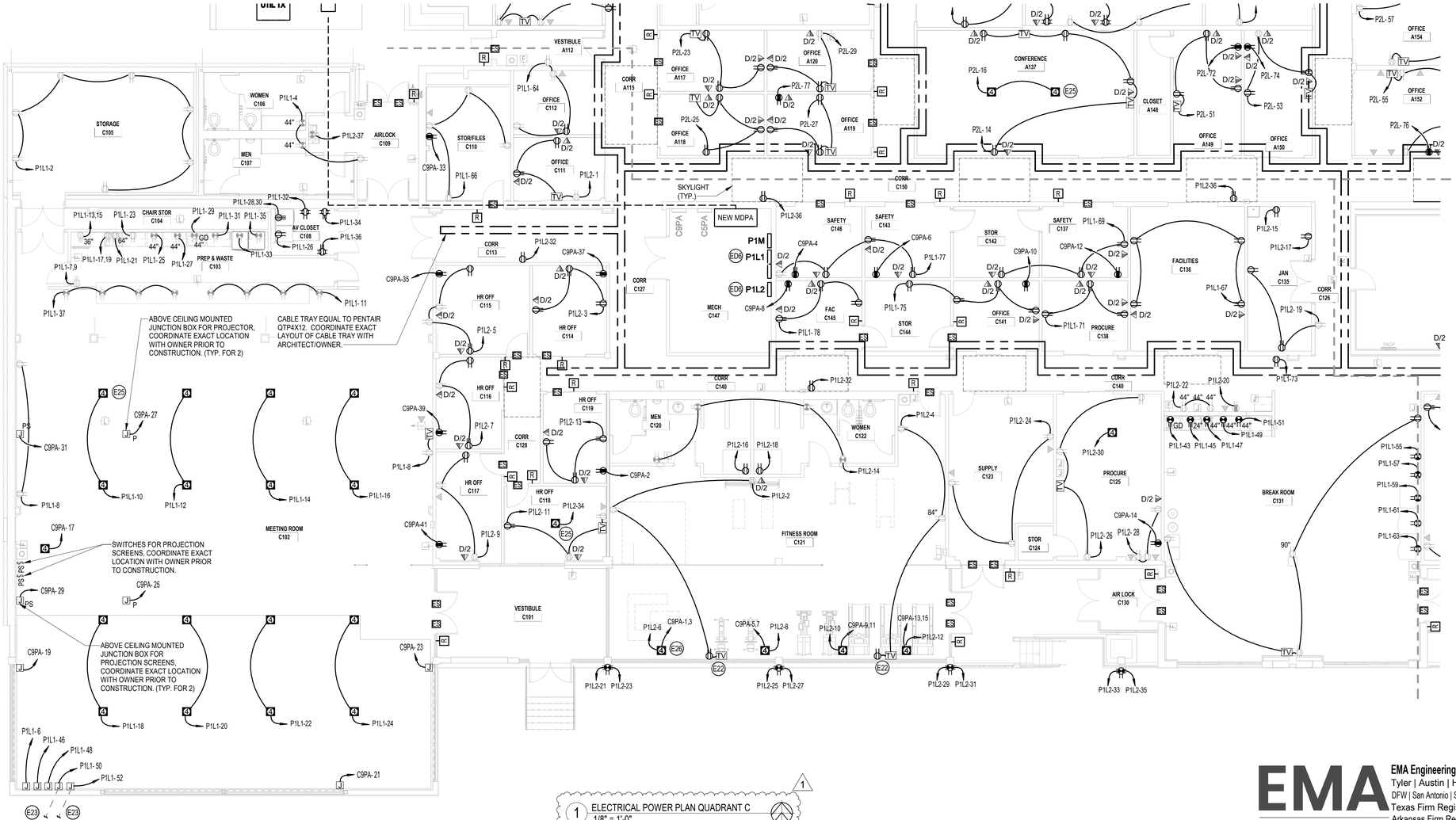
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Ozarks 1st Floor/24 DRAB FIRST FLOOR REMODEL MEPC R26.rvt

ELECTRICAL PLAN NOTES

E22	CEILING-MOUNTED DULEX RECEPTACLE AND TV OUTLET.
E23	ROUTE 2-1" CONDUITS TO MOTORIZED GATE FOR OPERATOR & CONTROLLER. COORDINATE EXACT ROUTING WITH ARCHITECT/OWNER PRIOR TO CONSTRUCTION.
E25	CONCRETE SLAB TO BE SAW-CUT FOR FLOOR BOX INSTALLATION. EXACT FLOOR BOX LOCATION TO BE COORDINATED WITH FURNITURE SUPPLIER. TYPICAL FOR ALL LOCATIONS IN THIS ROOM/SPACE.
E26	EXACT FLOOR BOX LOCATION TO BE COORDINATED WITH GYM EQUIPMENT SUPPLIER. TYPICAL FOR ALL LOCATIONS IN THIS ROOM/SPACE.

ELECTRICAL GENERAL NOTES

1. SEE SHEET E-401 FOR GENERAL NOTES APPLICABLE TO THE ENTIRE DRAWING SET.



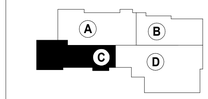
1 ELECTRICAL POWER PLAN QUADRANT C
1/8" = 1'-0"

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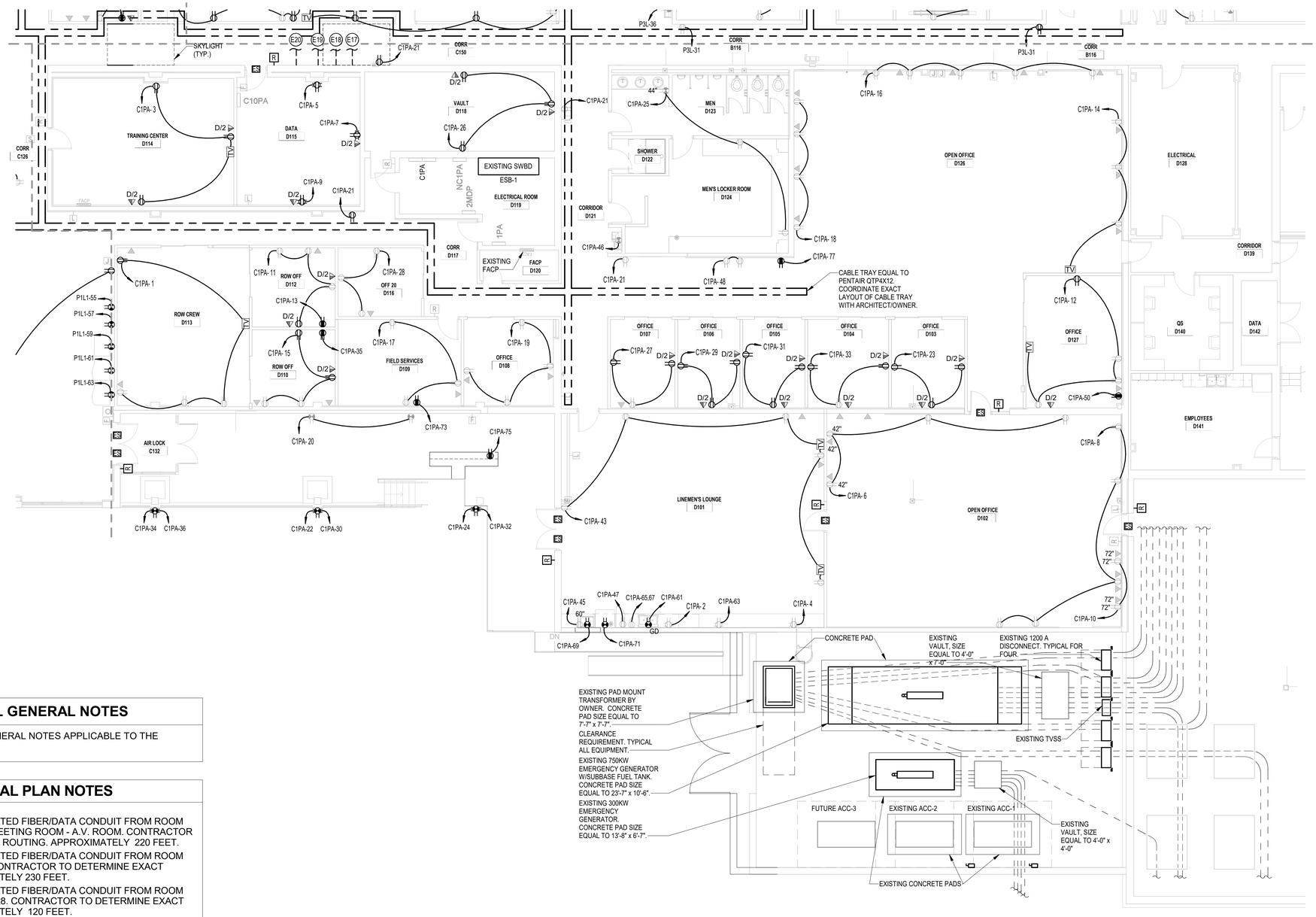
ELECTRICAL POWER PLAN QUADRANT C

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E-101C

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1 ELECTRICAL POWER PLAN QUADRANT D
1/8" = 1'-0"

ELECTRICAL GENERAL NOTES

1. SEE SHEET E-401 FOR GENERAL NOTES APPLICABLE TO THE ENTIRE DRAWING SET.

ELECTRICAL PLAN NOTES

E17 PROVIDE (1) 6" DEDICATED FIBER/DATA CONDUIT FROM ROOM D115 TO EMPLOYEE MEETING ROOM - A.V. ROOM. CONTRACTOR TO DETERMINE EXACT ROUTING. APPROXIMATELY 220 FEET.

E18 PROVIDE (1) 6" DEDICATED FIBER/DATA CONDUIT FROM ROOM D115 TO DATA A130. CONTRACTOR TO DETERMINE EXACT ROUTING. APPROXIMATELY 230 FEET.

E19 PROVIDE (1) 6" DEDICATED FIBER/DATA CONDUIT FROM ROOM D115 TO STORAGE B128. CONTRACTOR TO DETERMINE EXACT ROUTING. APPROXIMATELY 120 FEET.

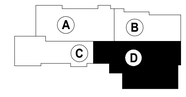
E20 PROVIDE (1) 6" DEDICATED FIBER/DATA CONDUIT FROM ROOM D115 TO OFFICE A180. CONTRACTOR TO DETERMINE EXACT ROUTING. APPROXIMATELY 170 FEET.

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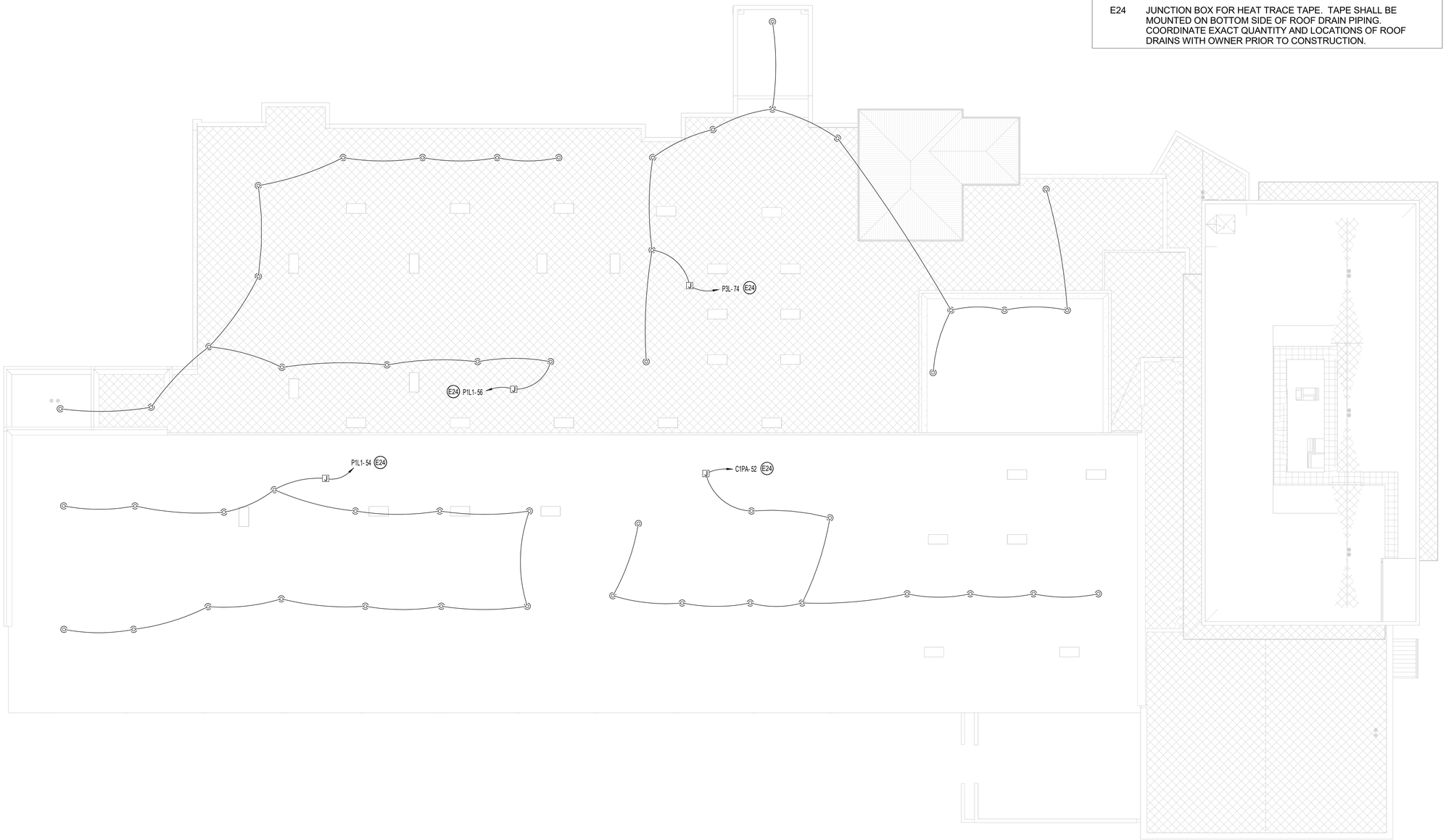
SUBMISSION OF BID WILL BE CONSIDERED ACKNOWLEDGMENT THAT THE CONTRACTOR HAS VISITED THE SITE AND HAS VERIFIED ALL EXISTING JOB CONDITIONS AND INCLUDED ANY NECESSARY MODIFICATION TO EXISTING AND NEW WORK REQUIRED FOR INSTALLATION OF A COMPLETE AND WORKING SYSTEM.

E-101D

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Monday, August 31, 2026 4:37:23 PM

ELECTRICAL PLAN NOTES

E24	JUNCTION BOX FOR HEAT TRACE TAPE. TAPE SHALL BE MOUNTED ON BOTTOM SIDE OF ROOF DRAIN PIPING. COORDINATE EXACT QUANTITY AND LOCATIONS OF ROOF DRAINS WITH OWNER PRIOR TO CONSTRUCTION.



1 ELECTRICAL ROOF PLAN
1/16" = 1'-0"

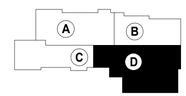
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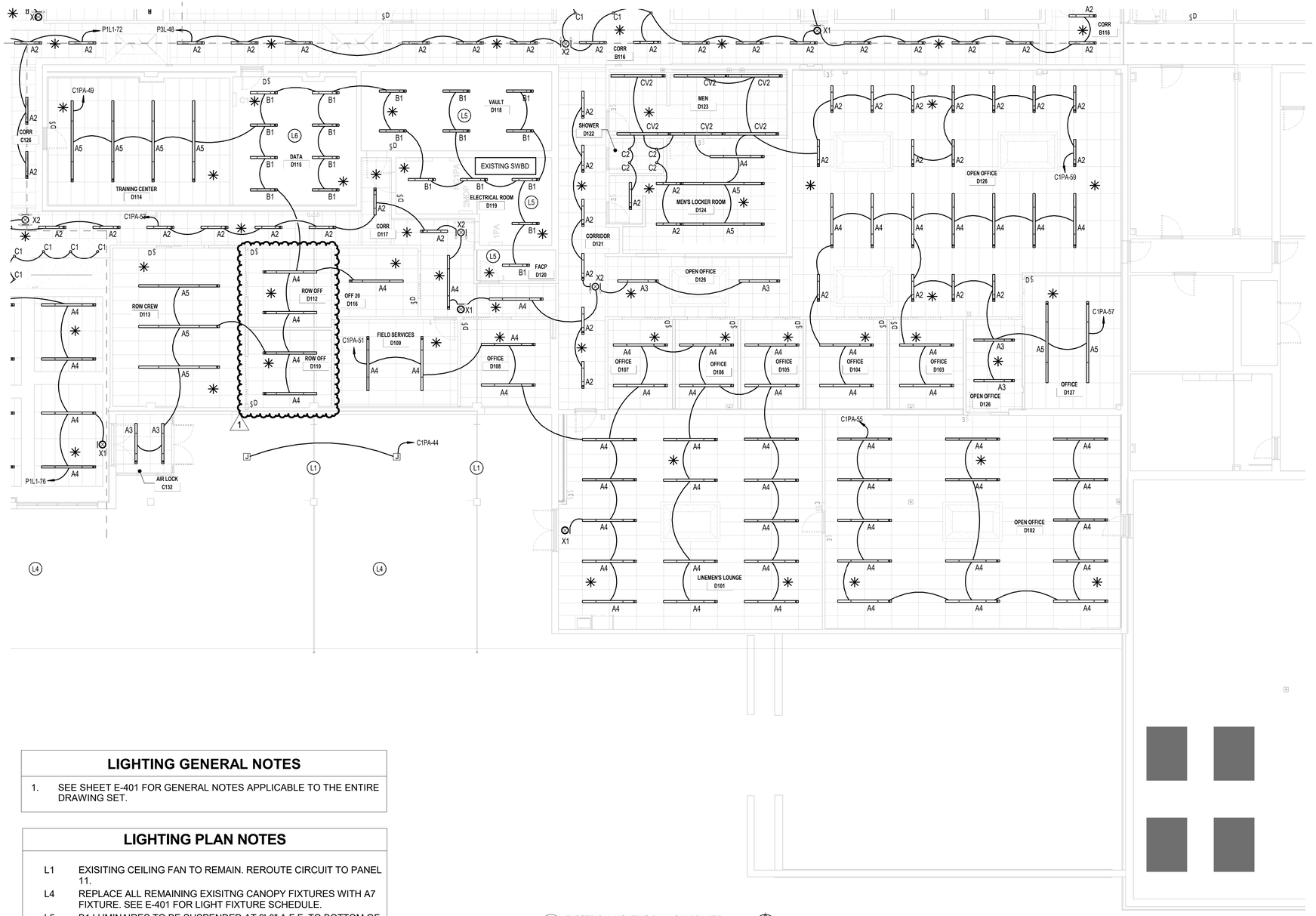
ELECTRICAL ROOF PLAN

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E-102 1

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1 ELECTRICAL LIGHTING PLAN QUADRANT D
1/8" = 1'-0"

LIGHTING GENERAL NOTES

1. SEE SHEET E-401 FOR GENERAL NOTES APPLICABLE TO THE ENTIRE DRAWING SET.

LIGHTING PLAN NOTES

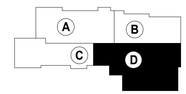
L1	EXISITING CEILING FAN TO REMAIN. REROUTE CIRCUIT TO PANEL 11.
L4	REPLACE ALL REMAINING EXISITNG CANOPY FIXTURES WITH A7 FIXTURE. SEE E-401 FOR LIGHT FIXTURE SCHEDULE.
L5	B1 LUMINAIRES TO BE SUSPENDED AT 9'-0" A.F.F. TO BOTTOM OF FIXTURE. VERIFY EXACT HEIGHT WITH ARCHITECT BEFORE INSTALLATION.
L6	B1 LUMINAIRES TO BE SURFACE-MOUNTED IN THIS SPACE.

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ELECTRICAL LIGHTING PLAN QUADRANT D

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Autodesk Docs://25300600 - Ozarks 1st Floor/25 0068 FIRST FLOOR REMODEL MEP_C R26.rvt

ELECTRICAL GENERAL NOTES

1. SEE SHEET E-401 FOR GENERAL NOTES APPLICABLE TO THE ENTIRE DRAWING SET.

ELECTRICAL PLAN NOTES

E28 FAN TO BE SWITCHED WITH EMCS. SEE MECHANICAL SHEET M-601.



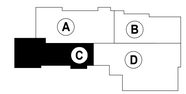
1 ELECTRICAL MECH PLAN QUADRANT C
1/8" = 1'-0"

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ELECTRICAL MECH PLAN QUADRANT C

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Type	Description	Luminaire Equivalents	Delivered Lumens	Comments	Volts	Watts Max
A1	4" LINEAR RECESSED LED SLOT, 2' LENGTH	AXIS LIGHTING BMRLED-750-90-35-FL-2-W-UNV-DP1-TXX	750 lm/ft		120	20
A2	4" LINEAR RECESSED LED SLOT, 4' LENGTH	AXIS LIGHTING BMRLED-750-90-35-FL-4-W-UNV-DP1-TXX	750 lm/ft		120	40
A3	4" LINEAR RECESSED LED SLOT, 6' LENGTH	AXIS LIGHTING BMRLED-750-90-35-FL-6-W-UNV-DP1-TXX	750 lm/ft		120	55
A4	4" LINEAR RECESSED LED SLOT, 8' LENGTH	AXIS LIGHTING BMRLED-750-90-35-FL-8-W-UNV-DP1-TXX	750 lm/ft		120	75
A5	4" LINEAR RECESSED LED SLOT, 12' LENGTH	AXIS LIGHTING BMRLED-750-90-35-FL-12-W-UNV-DP1-TXX	750 lm/ft		120	110
A6	4" LINEAR RECESSED LED SLOT, 16' LENGTH	AXIS LIGHTING BMRLED-750-90-35-FL-16-W-UNV-DP1-TXX	750 lm/ft		120	145
A7	2x4 LED TROFFER, RECESSED	PINNACLE LIGHTING AD24A-835HO-G1-U-OL2-1-0-W	4934		120	45
B1	4' LENSED LED STRIP, SUSPENDED	LA LIGHTING STW100-4-4L-FRA-DRDM-1/835 / V4CS10	3327		120	25
C1	4" LED DOWNLIGHT, RECESSED	LUMENPULSE LIGHTING LCRS-A-FD-VOLTS-R-L20-35K-90-W-DAMC-DB-NKS-RD-MWH-NC-1-NA	2000		120	20
C2	4" LED DOWNLIGHT, RECESSED	ALPHABET LIGHTING NU4RD-SW-25LM-35K-90-50D-DL-WH-WH-NC-UNV-DIM10	2540		120	25
C3	8" LED DOWNLIGHT, RECESSED	ALPHABET LIGHTING NU8RD-SW-40LM-35K-90-50D-DL-WH-WH-RET-UNV-DIM10	4250		120	35
C4	6" LED DOWNLIGHT, RECESSED	ALPHABET LIGHTING NU6RD-SW-20LM-35K-90-50D-DL-WH-WH-RET-UNV-DIM10	2088		120	20
C5	4" LED DOWNLIGHT, RECESSED	ALPHABET LIGHTING NU4RD-SW-15LM-35K-90-50D-DL-WH-WH-NC-UNV-DIM10	1490		120	15
C6	4" LED DOWNLIGHT, RECESSED	ALPHABET LIGHTING NU4RD-SW-10LM-35K-90-50D-DL-WH-WH-NC-UNV-DIM10	990		120	10
CV1	4' LED LINEAR PERIMETER SLOT, RECESSED	PINACLE LIGHTING EVL-835HO-4-GX-U-OL2-1-0-W-EF	398 lm/ft		120	25
CV2	8' LED LINEAR PERIMETER SLOT, RECESSED	PINACLE LIGHTING EVL-835HO-8-GX-U-OL2-1-0-W-EF	398 lm/ft		120	50
CV3	3' LED LINEAR PERIMETER SLOT, RECESSED	PINACLE LIGHTING EVL-835HO-3-GX-U-OL2-1-0-W-EF	398 lm/ft		120	20
CV4	6' LED LINEAR PERIMETER SLOT, RECESSED	PINACLE LIGHTING EVL-835HO-6-GX-U-OL2-1-0-W-EF	398 lm/ft		120	40
R1	6' LED RING PENDANT, SUSPENDED	OCL ARCHITECTURAL LIGHTING RV3-P1EM-72-MW-SMP-LED1-35K-UNV-48-DM1	4480		120	65
W1	EXTERIOR WALL SCONCE, WALL	ARANCIA LIGHTING W10061E-L-2L15-C-L27-C-L27-R-BX-BR-BR, REMOTE LED DRIVER: L99X-1-22-XXXX-U-LD2	1500		120	30
X1	EDGE-LIT LED EXIT SIGN, SINGLE FACE, UNIVERSAL	EVENLITE SOVII-EM-R-1M-BA-SC-UC	N/A		120	5
X2	EDGE-LIT LED EXIT SIGN, DOUBLE FACE, UNIVERSAL	EVENLITE SOVII-EM-R-2M-BA-SC-UC	N/A		120	5

ELECTRICAL GENERAL NOTES

(SOME NOTES MAY NOT BE USED)

BRANCH CIRCUITS

1. PROVIDE A SEPARATE NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT. MULTIPLE CIRCUITS SHALL NOT SHARE A COMMON NEUTRAL. NEUTRAL CONDUCTORS SHALL BE SIZED AS LARGE AS THE PHASE CONDUCTORS. NEUTRAL CONDUCTORS SHALL NOT BE SHARED OR BE OF A REDUCED SIZE.
2. UNLESS OTHERWISE NOTED, ALL COMPUTER POWER RECEPTACLES TO HAVE A NORMAL EQUIPMENT GROUND AND AN ISOLATED GROUND WITH #10 AWG NEUTRAL. DIFFERENT CIRCUITS SHALL NOT SHARE A COMMON NEUTRAL.
3. WHERE GFCI PROTECTION IS SHOWN ON PLANS OR SCHEDULE OR OTHERWISE REQUIRED BY NEC (210.8 AND 210.95), PROVIDE A GFCI PERMANENT MOUNTED IN-LINE DEVICE BY NORTH SHORE SAFETY OR HUBBELL OR LITTELFUSE SHOCK BLOCK IN LIEU OF GFCI PROTECTION AT THE RECEPTACLE OR GFCI PROTECTION AT THE OCPD. THESE PRODUCTS OR SIMILAR WILL TYPICALLY WORK FOR 20A, 30A, 40A, 50A AND 60A AT 120/208V 1PH AND 3PH. PRODUCT MUST BE LISTED FOR THE USE. NOTE: GFCI PROTECTION MUST BE PROVIDED WHERE REQUIRED SO COORDINATE GFCI LIMITATIONS WITH PANEL MANUFACTURER CAREFULLY BEFORE BIDDING.

CONDUITS

1. WHERE POSSIBLE, ALL CONDUIT AND / OR CABLING SHALL BE INSTALLED BETWEEN THE BOTTOM AND TOP CHORD OF JOIST. WHERE NO CEILINGS ARE SCHEDULED, ALL CONDUIT SHALL BE UP AGAINST BOTTOM OF THE TOP CHORD. DO NOT SUPPORT OR REST CONDUITS ON BOTTOM CHORD OF JOISTS.
2. ROUTE EACH CONDUIT IN EXPOSED AREAS PERPENDICULAR OR PARALLEL TO WALLS. ROUTE CONDUIT AS HIGH AS POSSIBLE AND ROUTE CONDUIT RUNS ADJACENT TO EACH OTHER. CONDUITS SHALL BE ORDERLY AND NEAT.
3. PROVIDE TWO (2) SPARE ONE INCH (1") CONDUITS STUBBED UP INTO ATTIC SPACE AT ALL FLUSH MOUNTED ELECTRICAL CABINETS.

DEVICES

1. AT CASEWORK, VERIFY ALL INSTALLATION HEIGHTS OF RECEPTACLES WITH ARCHITECTURAL DETAILS BEFORE ROUGH-IN.
2. DO NOT INSTALL DEVICES IN AREAS ON WALLS WHERE MIRRORS, WHITEBOARDS OR OTHER PERMANENT WALL FURNISHINGS WILL BE INSTALLED. DO NOT INSTALL DEVICES IN THESE AREAS UNLESS REVIEWED AND APPROVED BY THE OWNER REPRESENTATIVE.
3. EXACT LOCATION OF ALL RECEPTACLES, DEVICES, & ETC. INSTALLED IN MOVEABLE FURNITURE SHALL BE COORDINATED WITH OWNER REPRESENTATIVE.
4. UNLESS OTHERWISE NOTED ALL DEVICES THAT PROVIDE POWER TO COMMERICAL AND RESIDENTIAL STYLE LAUNDRY EQUIPMENT TO BE INSTALLED 42" A.F.F. ELECTRICAL CONTRACTOR TO COORDINATE WITH ARCHITECT AND OWNER REPRESENTATIVE FOR EXACT MOUNTING HEIGHT AND LOCATION PRIOR TO INSTALLATION.

EQUIPMENT

1. DURING SUBMITTAL PHASE, THIS CONTRACTOR SHALL SUBMIT LAYOUT OF ALL PANELS, SWITCHGEAR, TRANSFORMERS, CONTRACTORS, ETC. IN EACH EQUIPMENT ROOM WHERE THIS EQUIPMENT IS LOCATED. ALL LAYOUTS MUST BE DRAWN TO SCALE AND DIMENSIONED.

UTILITY

1. THE CONTRACTOR AND SUBCONTRACTORS SHALL COORDINATE WITH ALL UTILITY COMPANIES AND THE OWNER'S REPRESENTATIVE TO DETERMINE THE LOCATION OF ALL EXISTING LINES AND UTILITIES BEFORE DITCHING IS PERFORMED. THE CONTRACTOR AND SUB CONTRACTORS SHALL BE RESPONSIBLE FOR REPAIR OF ANY CUT OR DAMAGED LINES OR UTILITIES THAT ARE NOT SHOWN ON ANY PLANS.

COORDINATION

1. MECHANICAL - EXACT MECHANICAL EQUIPMENT LOCATIONS AND TYPE SHALL BE COORDINATED WITH MECHANICAL PLANS AND MECHANICAL CONTRACTOR. DO NOT INSTALL CONDUIT / CABLING WITHIN 3'-0" OF ANY HVAC UNIT UNLESS THE CONDUIT AND / OR CABLING SERVES THAT UNIT.
2. MECHANICAL - SEE EXHAUST FAN SCHEDULE ON MECHANICAL SHEET FOR EXHAUST FAN SWITCHING, UNLESS CONTROLS ARE SPECIFICALLY NOTED ON THE DRAWINGS. WHERE "EMCS" IS MENTIONED, PROVIDE MECHANICALLY-HELD CONTACTORS AS NECESSARY FOR FAN CONTROL. COORDINATE CONTACTOR COIL ELECTRICAL REQUIREMENTS WITH MECHANICAL CONTROLS CONTRACTOR. WHERE "24/7" IS MENTIONED, PROVIDE A MOTOR-RATED SWITCH AT THE MOTOR ONLY. WHERE "SWITCH" IS MENTIONED, DO ONE OF THE FOLLOWING: (A) IN BATHROOMS AND JANITORIAL, EXHAUST FAN TO BE SWITCHED WITH THE LUMINAIRES IN THE SPACE PER THE EXHAUST FAN SWITCHING DETAIL; (B) ELSEWHERE, SWITCH THE FAN WITH A MOTOR-RATED SWITCH ON THE WALL IN THE SPACE THE EXHAUST FAN SERVES.
3. MECHANICAL - REFER TO THE MECHANICAL SHEETS FOR ALL SENSOR LOCATIONS (THERMOSTAT, HUMIDISTAT, CO2, ETC.), DUCT DETECTORS, CONTROL RELAYS, MOTORIZED DAMPERS, SFDs, ETC. THIS CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY CONDUIT, BACK BOXES AND LINE VOLTAGE WIRING TO SENSORS, DEVICES, ETC. AS REQUIRED TO ENSURE A COMPLETE AND OPERATIONAL SYSTEM. FOR MORE INFORMATION, REFER TO SPECIFICATIONS AND SENSOR INSTALLATION DETAIL.

LIGHTING GENERAL NOTES

(SOME NOTES MAY NOT BE USED)

1. VERIFY ALL CEILING HEIGHTS AND TYPES WITH ARCHITECTURAL DRAWINGS BEFORE PROVIDING LUMINAIRES AND WIRING.
2. REFER TO SPECIFICATIONS, LUMINAIRE SCHEDULE AND LIGHTING CONTROL CHART FOR ADDITIONAL REQUIREMENTS AND MORE INFORMATION.
3. ALL DEVICE PLATES SHALL BE ATTACHED WITH SCREWS. NO SCREWLESS DEVICE PLATES ARE ALLOWED.
4. WHERE THE CEILING IS MORE THAN THREE FEET BELOW THE BOTTOM CHORD OF THE JOIST, ALL CONDUIT AND CABLING SHALL BE INSTALLED ON A TRAPEZE SUPPORT AS SHOWN ON THE DETAILS. WHERE THE CEILING IS LESS THAN THREE FEET BELOW THE BOTTOM CHORD, ALL CONDUIT AND CABLING SHALL BE INSTALLED ABOVE THE BOTTOM CHORD OF THE JOIST. WHERE NO CEILING IS SCHEDULED, ALL CONDUIT AND CABLING SHALL BE INSTALLED NEAR THE DECK MAINTAINING NEC CLEARANCE.
5. SEE RECESSED LAY-IN LUMINAIRE INSTALLATION DETAIL FOR LIGHTING SUPPORT.
6. ROUTE CONDUIT IN EXPOSED AREAS PERPENDICULAR OR PARALLEL TO WALLS. ROUTE CONDUIT AS HIGH AS POSSIBLE AND ROUTE CONDUIT RUNS ADJACENT TO EACH OTHER. CONDUIT SHALL BE ORDERLY AND NEAT.
7. EMERGENCY TEST SWITCH - FOR ALL RECESSED AND SURFACE MOUNTED LINEAR LUMINAIRES, THE EMERGENCY TEST SWITCH SHALL BE INSTALLED BEHIND THE LENS OR BE INSTALLED REMOTELY IN THE ADJACENT CEILING. THE TEST SWITCH SHALL NOT BE INSTALLED ON THE LENS FACE. ALL TEST SWITCHES SHALL BE RED.
8. EXISTING LUMINAIRES REMOVED AND NOT REUSED SHALL REMAIN PROPERTY OF THE OWNER.
9. SHADED AREAS INDICATE NO LIGHTING WORK IN THIS AREA. REMOVE CEILING AND REPLACE AS REQUIRED FOR WIRING RUNS.

FIRE ALARM NOTES

(SOME NOTES MAY NOT BE USED)

1. THE EXISTING BUILDING CONTAINS AN EXISTING ADDRESSABLE FIRE ALARM SYSTEM EQUAL TO EDWARDS EST3. THE NEW REMODEL SHALL FUNCTION AS AN EXTENSION OF THIS EXISTING SYSTEM. THE MANUFACTURER OF ALL NEW FIRE ALARM DEVICES SHALL BE THE MANUFACTURER OF THE EXISTING SYSTEM.
2. CONTRACTOR SHALL, WHEN DESIGNING THE FIRE ALARM SYSTEM, VERIFY EXACT LOCATION, LAYOUT, AND SPACING OF ALL DEVICES REQUIRED PER NFPA 72, NFPA 101, APPLICABLE BUILDING CODES AND THE AMERICAN'S WITH DISABILITIES ACT.
3. DESIGN AND INSTALL THE FIRE ALARM SYSTEM TO MEET ALL REQUIREMENTS OF THE LOCAL FIRE MARSHALL.
4. DESIGN THE FIRE ALARM SYSTEM PER REQUIREMENTS OF NFPA 72. ALL DEFICIENCIES OF THE SYSTEM SHALL BE THE RESPONSIBILITY OF THE FIRE ALARM CONTRACTOR.
5. SUBMIT SHOP DRAWINGS TO THE ARCHITECT/ENGINEER FOR APPROVAL. SHOP DRAWINGS SHALL INCLUDE COMPLETE LAYOUT DRAWINGS OF ALL EQUIPMENT INDICATING RELATIONSHIP TO ADJACENT SYSTEMS (HVAC, LIGHTING, ETC) WHICH MAY CAUSE CONFLICT.
6. SUBMIT COMPLETE DETAILS AND SECTIONS TO CLEARLY DEFINE AND CLARIFY THE DESIGN. INCLUDING A MATERIALS LIST DESCRIBING ALL PROPOSED MATERIALS BY MANUFACTURER NAME AND MODEL NUMBER.
7. UPON COMPLETION OF SYSTEM INSTALLATION, TEST AND RE-TEST THE SYSTEM AND MAKE ALL CORRECTIONS NECESSARY.
8. PROVIDE DUCT DETECTORS TO MECHANICAL CONTRACTOR FOR INSTALLATION IN DUCTWORK MAKE ALL WIRING CONNECTIONS NECESSARY TO CONNECT TO FIRE ALARM SYSTEM.
9. ALL DEVICES IN OCCUPIED AREAS SHALL BE WHITE WITH RED LETTERING.
10. FIRE ALARM SYSTEMS SHALL BE OF ADDRESSABLE TYPE, INCORPORATING ACTIVATION DEVICES SUCH AS PULL STATIONS SMOKE DETECTORS, FLOW SWITCHES, DUCT DETECTORS, ETC., AND AUDIO VISUAL DEVICES SUCH AS HORNS AND STROBES.
11. STROBE DEVICES SHALL HAVE THEIR CANDELA LIGHT INTENSITY DISCHARGE CONFORMING TO THE AMERICANS WITH DISABILITIES ACT AND LOCAL CODES.
12. VISUAL DEVICES SHALL BE LOCATED IN SPACES OCCUPIED BY INHABITANTS AND THE PUBLIC. AUDIBLE DEVICES SHALL BE LOCATED SO DEVICE DELIVERS SOUND LEVELS THAT ARE 15 Db OVER AMBIENT NOISE LEVELS IN AREA OCCUPIED BY STUDENTS, INSTRUCTORS, OR PUBLIC.
13. A MANUAL PULL STATION SHALL BE PROVIDED AT EACH EXTERIOR DOOR USED AS MEANS OF EGRESS, AND AT OTHER LOCATIONS CONFORMING TO THE NATIONAL FIRE PROTECTION ASSOCIATION, AND OTHER LOCAL CODES.
14. PROVIDE AUDIBLE ALARM DEVICES IN HIGH AMBIENT NOISE AREAS SUCH AS THE COMMONS AREA.
15. PROVIDE DUCT SMOKE DETECTORS WHERE REQUIRED BY NFPA 90A. COORDINATE WITH MECHANICAL DRAWINGS FOR ADDITIONAL LOCATIONS.
16. THE CONTRACTOR SHALL BRING THE EXISTING FIRE ALARM SYSTEM IN THE ENTIRE BUILDING UP TO CURRENT CODE & REPLACE ALL DEVICES AS NECESSARY, INCLUDING PANEL IF NEEDED

1

ELECTRICAL LEGEND - LIGHTING SYMBOLS

SYMBOL	DESCRIPTION
———	BRANCH CIRCUIT - CONDUIT IN WALL or ABOVE CEILING, INDICATES DEVICES AND EQUIPMENT ON A CIRCUIT. NOT INTENDED TO SHOW ROUTING
— — — — —	BRANCH CIRCUIT OR FEEDER CONDUIT UNDER FLOOR or UNDERGROUND
- - - - - - - - - - - -	SWITCH WIRE / SWITCH CIRCUIT, TYPICAL CONTROL PER SPACE
——►CL-1,3,5	ARROW INDICATES HOMERUN, TEXT INDICATES PANEL AND CIRCUIT
$; $_3$; $_4$	SWITCH LOCATION MOUNTED AT 44" A.F.F. UNLESS NOTED - STANDARD / PROGRAMMABLE ; 3-WAY ; 4-WAY
$K ; $3K ; $4K	KEYED SWITCH LOCATION - (SAME AS ABOVE) - KEY OPERATED, PROVIDE 12 EXTRA KEYS FOR OWNER
; HV ; WM ; CM	MOTION SENSOR CONTROLS, SEE SPECS FOR LOCATION, QUANTITY, COMMISSIONING ETC. (HV = HIGH VOLUME, WM = WALL MOUNT, CM = CORNER MOUNT)
; ;	LUMINAIRE, SEE LUMINAIRE SCHEDULE & SPECS FOR MORE INFO, LETTER INDICATES TYPE RECESSED ; SURFACE ; PENDANT
; ;	EMERGENCY LUMINAIRE - (SAME AS ABOVE) - SWITCHED, WITH BATTERY, GENERATOR OR UPS BACKUP MOUNTED AT 7'-6" A.F.F. UNLESS NOTED
;	EXIT SIGN - NOT SWITCHED, CONTINUOUSLY LIT, BATTERY OPERATED - CEILING MOUNT ; WALL MOUNT
▪■	EXTERIOR LUMINAIRE - SEE LUMINAIRE SCHEDULE FOR MORE INFORMATION
RP1	LIGHTING RELAY PANEL RP-1. SEE ELECTRICAL DETAILS SHEET FOR MORE INFORMATION.

NOTES:
1. SOME SYMBOLS MAY NOT BE USED.
2. ALL DASHED SYMBOLS ARE SAME AS ABOVE BUT EXISTING.
3. ACCESSIBLE DEVICES HIGHEST OPERABLE PART TO BE 46" MAXIMUM/18" MINIMUM A.F.F. - REFER TO ELECTRICAL DETAILS AND ARCHITECTURAL DRAWINGS.
4. SEE LIGHTING CONTROL CHART FOR SWITCH, MOTION SENSOR AND PHOTOCELL INFORMATION AND CONTROL.

ELECTRICAL LEGEND - POWER SYMBOLS

	BRANCH CIRCUIT - CONDUIT IN WALL or ABOVE CEILING. INDICATES DEVICES AND EQUIPMENT ON A CIRCUIT. NOT INTENDED TO SHOW ROUTING.
	BRANCH CIRCUIT OR FEEDER CONDUIT UNDER FLOOR or UNDERGROUND.
	SWITCH WIRE - SWITCH CIRCUIT
►CL-1, 3, 5	HOME RUN WITH CIRCUIT DESIGNATION(S) - LETTER DENOTES PANEL
	PANELBOARD or SWITCHGEAR (SEE PANEL SCHEDULES AND RISER DIAGRAM)
TX	POWER TRANSFORMER - SEE PANEL SCHEDULE, RISER, AND SPECIFICATIONS.
	DISCONNECT / SAFETY SWITCH - SEE SCHEDULES FOR MORE INFORMATION.
J	JUNCTION BOX - @ 18" AFF OR AS NOTED ; FLUSH WALLS / FLUSH CEILING or FLOOR or ELSE.
; ;	RECEPTACLE @ 18" AFF OR AS NOTED - DUPLEX ; QUAD; SIMPLEX.
;	MULTI-POLE RECEPTACLE @ 18" AFF or AS NOTED ; NON-LINEAR TWISTLOCK MULTIPOLE @ 18" AFF or AS NOTED.
;	GFCI DUPLEX RECEPTACLE @ 6" ABOVE BACKSPLASH IF SHOWN ON MILLWORK or 18" AFF ; WEATHERPROOF GFCI.
	DUPLEX RECEPTACLE W/ DUAL USB @ 4" ABOVE BACKSPLASH IF SHOWN AT MILLWORK or 18" AFF. SEE SPECIFICATIONS FOR MORE INFORMATION.
	FLOOR BOX - 2-GANG W/ (1) DUPLEX, 4-GANG W/ (2) DUPLEX, EQUAL TO HUBBELL CFB4G30CR, FLUSH-MOUNTED WITH FINISHED FLOOR.
	MOTOR TOGGLE SWITCH.
WH	WATER HEATER - SEE PLUMBING SCHEDULE FOR MORE INFORMATION.
TV	HUBBELL NETSELECT LARGE-CAPACITY AV BOX EQUAL TO NSAV124M (COLOR: WHITE). PROVIDE WALLBOX WITH (1) NSOKPTR STANDARD POWER KIT, (1) SFFGW A/V CONNECTOR, (1) NSJ5EW DATA JACK, AND (1) NS802W HDMI CONNECTOR. PROVIDE (3) 3/4" CONDUITS FROM BOX TO ABOVE ACCESSIBLE CEILING. EXACT MOUNTING HEIGHT TO BE VERIFIED WITH INTERIOR DESIGNER'S FURNITURE PLANS.

1

NOTES:
1. SOME SYMBOLS MAY NOT BE USED.
2. ACCESSIBLE DEVICES HIGHEST OPERABLE PART TO BE 46" MAXIMUM/18" MINIMUM A.F.F. - REFER TO ARCHITECTURAL DRAWINGS.
3. DIMENSIONS GIVEN A.F.F. ARE TO BOTTOM OF BOX.

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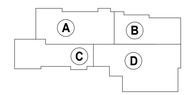
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Key Plan



No.	Description	Date
1	Addendum No.1	09-01-26

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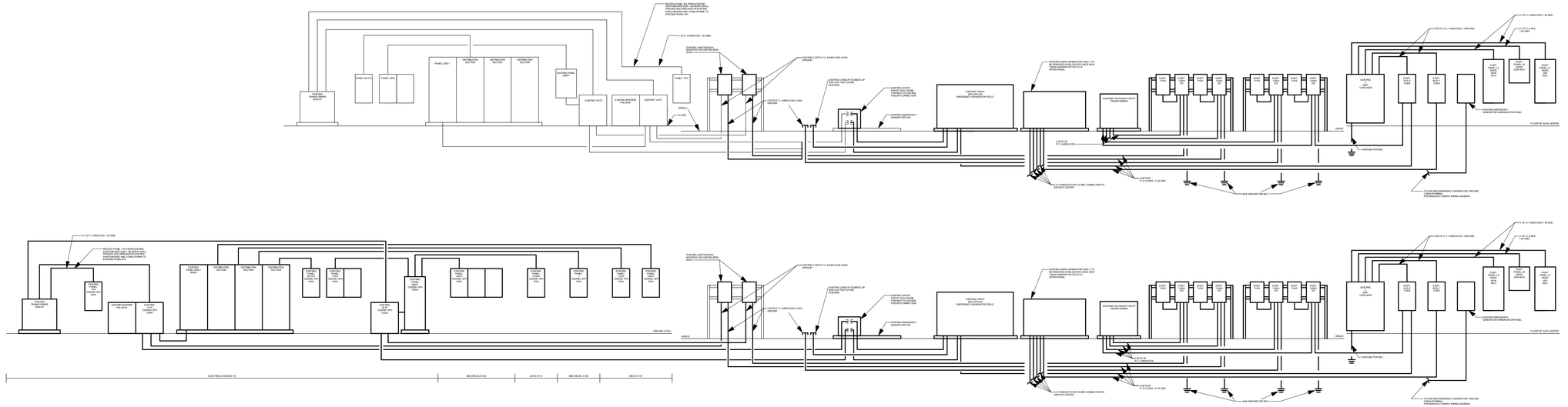
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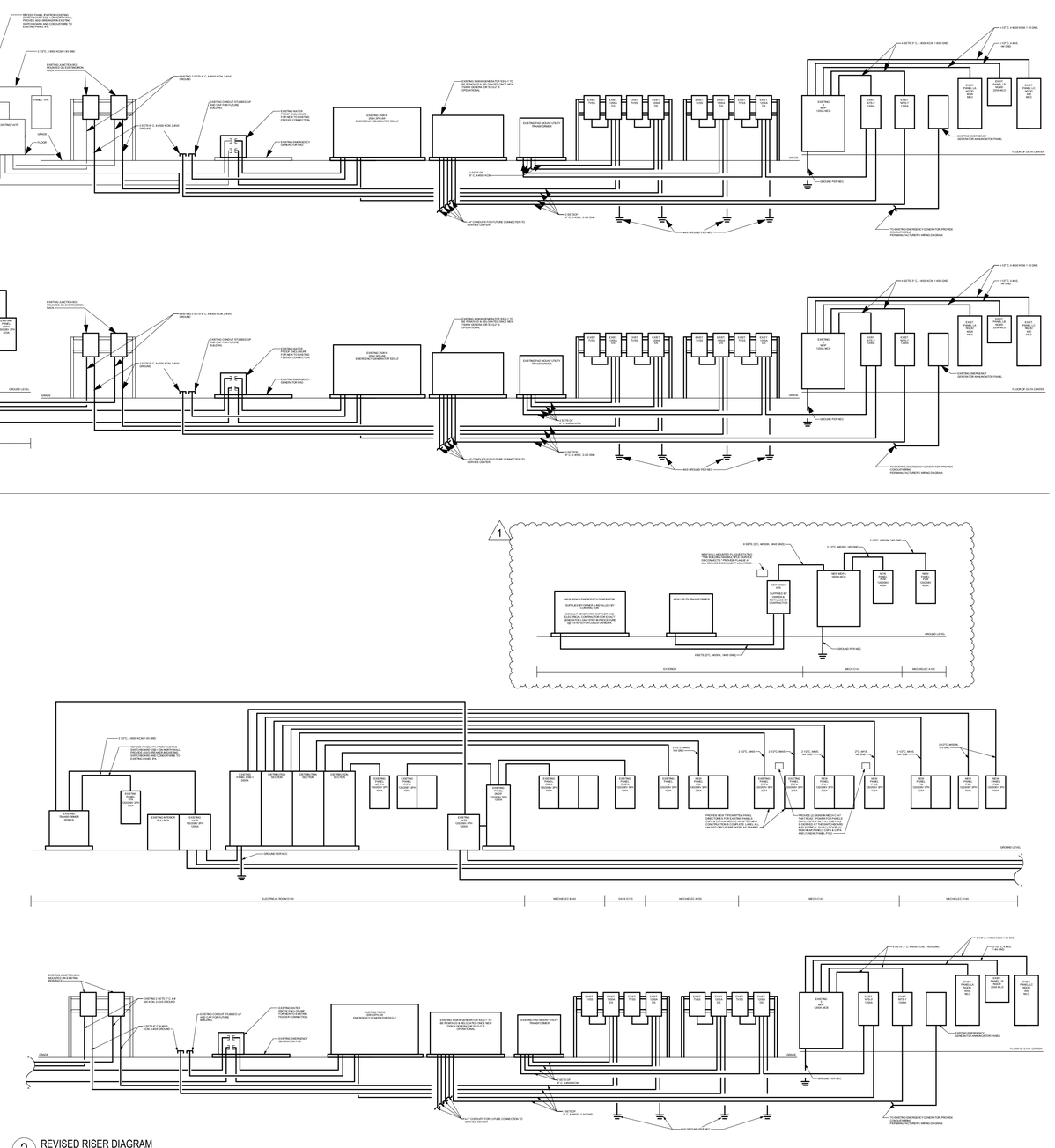
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ELECTRICAL NOTES AND LEGENDS

E-401

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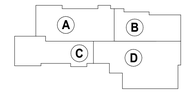


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Key Plan



No.	Description	Date
1	Addendum No.1	09-01-26

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ELECTRICAL RISER DIAGRAM

E-404

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Fayetteville\ 25300600 - Ozarks 1st Floor\26.0068 FIRST FLOOR REMODEL.MEPC R26.rvt

Panel - MDPA

Fed From - **UTIL TX**

Bus - 1600 A / MCB - 1600 A

Service - **208v 3ph TX Primary**

In Room - **MECH-1 EX275-1**
Mount - **Surface Mnt / NEMA 1**
Branch AIC - **65,000 AIC**
Total Demand Load - **1058 A**
% Imbalance - **3**

Notes:

#	Load Name	P	Bkr	Wire	A	B	C	Wire	Bkr	P	Load Name	#
1	PANEL P1M - MECH C147	3	400 A	#500kcmil	236 A / 151 A			#3/0	200 A	3	HVAC - RTU-3	2
3	--	--	--	--		241 A / 151 A		--	--	--	--	4
5	--	--	--	--			226 A / 151 A	--	--	--	--	6
7	PANEL P2M - MECH/ELEC A155	3	400 A	#500kcmil	190 A / 151 A			#3/0	200 A	3	HVAC - RTU-4	8
9	--	--	--	--		175 A / 151 A		--	--	--	--	10
11	--	--	--	--			170 A / 151 A	--	--	--	--	12
13	HVAC - RTU-1	3	175 A	#2/0	99 A / 46 A			#4	60 A	3	HVAC - RTU-5	14
15	--	--	--	--		99 A / 46 A		--	--	--	--	16
17	--	--	--	--			99 A / 46 A	--	--	--	--	18
19	HVAC - RTU-2	3	200 A	#3/0	154 A / 46 A			#4	60 A	3	HVAC - RTU-6	20
21	--	--	--	--		154 A / 46 A		--	--	--	--	22
23	--	--	--	--			154 A / 46 A	--	--	--	--	24
25												26
27												28
29												30
31												32
33												34
35												36
37												38
39												40
41												42

Legend: Phase A,B,C values are in Amps.

Load Classification	Demand Factor	Estimated Demand	Connected Load	Panel Totals	
HVAC	100.00%	363379 VA	363379 VA		
Motor	100.00%	17724 VA	17724 VA	Total Conn. Load:	381103 VA
				Total Est. Demand:	381103 VA
				Total Conn.:	1058 A
				Total Est. Demand:	1058 A

Panel - P3M

Fed From - **SWBD (EXISTING)**

Bus - 400 A / MCB - 400 A

Service - **120/208 3ph 4w**

In Room - **MECH/ ELEC-1 EX130-1**
Mount - **Surface Mnt / NEMA 1**
Branch AIC -
Total Demand Load - **260 A**
% Imbalance - **23**

Notes:

#	Load Name	P	Bkr	Wire	A	B	C	Wire	Bkr	P	Load Name	#
1	HVAC - FV-500 #3-4	2	25 A	#10	17 A / 17 A			#10	25 A	2	HVAC - FV-500 #3-13	2
3	--	--	--	--		17 A / 17 A		--	--	--	--	4
5	HVAC - FV-800 #3-8	2	35 A	#8			27 A / 17 A	#10	25 A	2	HVAC - FV-600 #3-3	6
7	--	--	--	--	27 A / 17 A			--	--	--	--	8
9	HVAC - FV-700 #3-9	2	30 A	#10		22 A / 6 A		#12	20 A	1	HVAC - RF-1000 #5	10
11	--	--	--	--			22 A / 44 A	#4	60 A	3	HVAC - FV-2500 #3-11	12
13	HVAC - FV-400 #3-6	2	20 A	#12	15 A / 44 A			--	--	--	--	14
15	--	--	--	--		15 A / 44 A		--	--	--	--	16
17	HVAC - FV-1300 #3-10	2	50 A	#6			39 A / 27 A	#8	35 A	2	HVAC - FV-800 #3-14	18
19	--	--	--	--	39 A / 27 A			--	--	--	--	20
21	HVAC - FV-1700 #3-5	3	45 A	#6		33 A / 8 A		#12	15 A	2	HVAC - FV-200 #3-1	22
23	--	--	--	--			33 A / 8 A	--	--	--	--	24
25	--	--	--	--	33 A / 39 A			#6	50 A	2	HVAC - FV-1300 #3-2	26
27	HVAC - FV-400 #3-12	2	20 A	#12		15 A / 39 A		--	--	--	--	28
29	--	--	--	--			15 A / 15 A	#12	20 A	2	HVAC - FV-400 #3-17	30
31	HVAC - FV-1700 #3-16	3	45 A	#6	33 A / 15 A			--	--	--	--	32
33	--	--	--	--		33 A / 0 A						34
35	--	--	--	--			33 A / 0 A					36
37	HVAC - IF-100 #1	1	20 A	#12	0 A / 0 A					1	SPACE	38
39	SPACE	1				0 A / 0 A				1	SPACE	40
41	SPACE	1					0 A / 0 A			1	SPACE	42

Legend: Phase A,B,C values are in Amps.

Load Classification	Demand Factor	Estimated Demand	Connected Load	Panel Totals	
HVAC	100.00%	92924 VA	92924 VA		
Motor	100.00%	696 VA	696 VA	Total Conn. Load:	93620 VA
				Total Est. Demand:	93620 VA
				Total Conn.:	260 A
				Total Est. Demand:	260 A

Panel - P1M

Fed From - **MDPA**

Bus - 400 A / MCB - 400 A

Service - **120/208 3ph 4w**

In Room - **MECH-1 EX275-1**
Mount - **Surface Mnt / NEMA 1**
Branch AIC -
Total Demand Load - **233 A**
% Imbalance - **6**

Notes:

#	Load Name	P	Bkr	Wire	A	B	C	Wire	Bkr	P	Load Name	#
1	HVAC - RF-200 #2	1	20 A	#12	4 A / 33 A			#6	45 A	3	HVAC - FV-1700 #1-4	2
3	HVAC - FV-500 #1-1	2	25 A	#10		17 A / 33 A		--	--	--	--	4
5	--	--	--	--			17 A / 33 A	--	--	--	--	6
7	HVAC - FV-400 #1-8	2	20 A	#12	15 A / 17 A			#10	25 A	2	HVAC - FV-600 #1-3	8
9	--	--	--	--		15 A / 17 A		--	--	--	--	10
11	HVAC - FV-900 #1-9	2	40 A	#8			32 A / 4 A	#12	20 A	1	HVAC - RF-840 #4	12
13	--	--	--	--	32 A / 27 A			#8	35 A	2	HVAC - FV-800 #2-11	14
15	HVAC - FV-2000 #1-7	3	60 A	#4		40 A / 27 A		--	--	--	--	16
17	--	--	--	--			40 A / 15 A	#12	20 A	2	HVAC - FV-400 #2-10	18
19	--	--	--	--	40 A / 15 A			--	--	--	--	20
21	HVAC - FV-500 #1-5	2	25 A	#10		17 A / 24 A		#8	35 A	2	HVAC - FV-1000 #2-13	22
23	--	--	--	--			17 A / 24 A	--	--	--	--	24
25	HVAC - FV-400 #1-2	2	20 A	#12	17 A / 4 A			#12	20 A	1	HVAC - RF-350 #3	26
27	--	--	--	--		17 A / 17 A		#10	25 A	2	HVAC - FV-600 #2-12	28
29	HVAC - FV-800 #1-6	2	35 A	#8			17 A / 17 A	--	--	--	--	30
31	--	--	--	--	17 A / 22 A			#10	30 A	2	HVAC - FV-700 #2-16	32
33	HVAC - FV-600 #2-15	2	25 A	#10		17 A / 22 A		--	--	--	--	34
35	--	--	--	--			17 A / 15 A	#12	20 A	2	HVAC - FV-400 #1-10	36
37	SPACE	1			0 A / 15 A			--	--	--	--	38
39	SPACE	1				0 A / 0 A				1	SPACE	40
41	SPACE	1					0 A / 0 A			1	SPACE	42

Legend: Phase A,B,C values are in Amps.

Load Classification	Demand Factor	Estimated Demand	Connected Load	Panel Totals	
HVAC	100.00%	82798 VA	82798 VA		
Motor	100.00%	1260 VA	1260 VA	Total Conn. Load:	84058 VA
				Total Est. Demand:	84058 VA
				Total Conn.:	233 A
				Total Est. Demand:	233 A

Panel - P4M

Fed From - **SWBD (EXISTING)**

Bus - 400 A / MCB - 400 A

Service - **120/208 3ph 4w**

In Room - **MECH/ ELEC-1 EX130-1**
Mount - **Surface Mnt / NEMA 1**
Branch AIC -
Total Demand Load - **206 A**
% Imbalance - **16**

Notes:

#	Load Name	P	Bkr	Wire	A	B	C	Wire	Bkr	P	Load Name	#
1	HVAC - FV-900 #4-8	2	40 A	#8	32 A / 13 A			#10	20 A	2	HVAC - FV-300 #4-3	2
3	--	--	--	--		32 A / 13 A		--	--	--	--	4
5	HVAC - FV-500 #4-7	2	25 A	#10			17 A / 13 A	#10	20 A	2	HVAC - FV-300 #4-4	6
7	--	--	--	--	17 A / 13 A			--	--	--	--	8
9	HVAC - FV-300 #4-9	2	20 A	#12		13 A / 33 A		#6	45 A	3	HVAC - FV-1700 #4-1	10
11	--	--	--	--			13 A / 33 A	--	--	--	--	12
13	HVAC - FV-500 #4-6	2	25 A	#10	17 A / 33 A			--	--	--	--	14
15	--	--	--	--		17 A / 30 A		#8	40 A	3	HVAC - FV-1600 #4-2	16
17	HVAC - FV-300 #4-10	2	20 A	#12			13 A / 30 A	--	--	--	--	18
19	--	--	--	--		13 A / 30 A		--	--	--	--	20
21	HVAC - FV-500 #4-5	2	25 A	#10			17 A / 13 A	#12	20 A	2	HVAC - FV-300 #3-15	22
23	--	--	--	--			17 A / 13 A	--	--	--	--	24
25	HVAC - FV-400 #4-11	2	20 A	#12	15 A / 5 A			#12	15 A	2	HVAC - VAV-1600 #4-1	26
27	--	--	--	--		15 A / 5 A		--	--	--	--	28
29	HVAC - RF-1150 #6	1	20 A	#12			4 A / 5 A	#12	15 A	2	HVAC - VAV-1600 #4-2	30
31	HVAC - FV-2400 #4-12	3	60 A	#4	44 A / 5 A			--	--	--	--	32
33	--	--	--	--		44 A / 0 A						34
35	--	--	--	--			44 A / 0 A					36
37	SPACE	1			0 A / 0 A					1	SPACE	38
39	SPACE	1				0 A / 0 A				1	SPACE	40
41	SPACE	1					0 A / 0 A			1	SPACE	42

Legend: Phase A,B,C values are in Amps.

Load Classification	Demand Factor	Estimated Demand	Connected Load	Panel Totals	
HVAC	100.00%	73904 VA	73904 VA		
Motor	100.00%	420 VA	420 VA	Total Conn. Load:	74324 VA
				Total Est. Demand:	74324 VA
				Total Conn.:	206 A
				Total Est. Demand:	206 A

Panel - P2M

Fed From - **MDPA**

Bus - 400 A / MCB - 400 A

Service - **120/208 3ph 4w**

In Room - **MECH/ ELEC-1 EX 164-1**
Mount - **Surface Mnt / NEMA 1**
Branch AIC -
Total Demand Load - **178 A**
% Imbalance - **11**

Notes:

#	Load Name	P	Bkr	Wire	A	B	C	Wire	Bkr	P	Load Name	#
1	HVAC - FV-500 #2-1	2	25 A	#8	17 A / 22 A			#10	30 A	2	HVAC - FV-700 #2-17	2
3	--	--	--	--		17 A / 22 A		--	--	--	--	4
5	HVAC - FV-500 #2-14	2	25 A	#8			17 A / 15 A	#12	20 A	2	HVAC - FV-400 #2-18	6
7	--	--	--	--	17 A / 15 A			--	--	--	--	8
9	HVAC - FV-800 #2-2	2	35 A	#8		27 A / 22 A		#10	30 A	2	HVAC - FV-700 #2-4	10
11	--	--	--	--			27 A / 22 A	--	--	--	--	12
13	HVAC - FV-700 #2-3	2	30 A	#8	22 A / 17 A			#10	25 A	2	HVAC - FV-500 #2-6	14
15	--	--	--	--		22 A / 17 A		--	--	--	--	16
17	HVAC - FV-500 #2-7	2	25 A	#10			17 A / 15 A	#12	20 A	2	HVAC - FV-400 #2-19	18
19	--	--	--	--	17 A / 15 A			--	--	--	--	20
21	HVAC - FV-700 #3-7	2	30 A	#10		22 A / 17 A		#10	25 A	2	HVAC - FV-600 #2-5	22
23	--	--	--	--			22 A / 17 A	--	--	--	--	24
25	HVAC - FV-500 #2-8	2	25 A	#10	17 A / 15 A			#12	20 A	2	HVAC - FV-400 #2-21	26
27	--	--	--	--		17 A / 15 A		--	--	--	--	28
29	HVAC - FV-800 #2-9	2	35 A	#8			27 A / 15 A	#12	20 A	2	HVAC - FV-400 #2-20	30
31	--	--	--	--	27 A / 15 A			--	--	--	--	32
33	HVAC - CF-100 #1	1	20 A	#12		1 A / 0 A						34
35												36
37	SPACE	1			0 A / 0 A					1	SPACE	38
39	SPACE	1				0 A / 0 A				1	SPACE	40
41	SPACE	1					0 A / 0 A			1	SPACE	42

Legend: Phase A,B,C values are in Amps.

Load Classification	Demand Factor	Estimated Demand	Connected Load	Panel Totals	
HVAC	100.00%	64025 VA	64025 VA		
				Total Conn. Load:	64025 VA
				Total Est. Demand:	64025 VA
				Total Conn.:	178 A
				Total Est. Demand:	178 A

Panel - P1L2

Fed From - **SWBD (EXISTING)**

Bus - 125 A / MCB - 125 A

Service - **120/208 3ph 4w**

In Room - **MECH-1 EX275-1**
Mount - **Surface Mnt / NEMA 1**
Branch AIC -
Total Demand Load - **48 A**
% Imbalance - **11**

Notes:

#	Load Name	P	Bkr	Wire	A	B	C	Wire	Bkr	P	Load Name	#
1	RCP - OFFICE C111 - GP	1	20 A	#12	6 A / 6 A			#12	20 A	1	RCP - FITNESS ROOM C121 - GP & TV	2
3	RCP - HR OFF C114 - GP	1	20 A	#12		5 A / 6 A		#12	20 A	1	RCP - FITNESS ROOM C121 - GP & TV	4
5	RCP - HR OFF C115 - GP	1	20 A	#12			6 A / 8 A	#12	20 A	1	RCP - FITNESS ROOM C121 - FLOORBOX	6
7	RCP - HR OFF C116 - GP	1	20 A	#12	5 A / 8 A			#12	20 A	1	RCP - FITNESS ROOM C121 - FLOORBOX	8
9	RCP - HR OFF C117 - GP	1	20 A	#12		5 A / 8 A		#12	20 A	1	RCP - FITNESS ROOM C121 - FLOORBOX	10
11	RCP - HR OFF C118 - GP	1	20 A	#12			6 A / 8 A	#12	20 A	1	RCP - FITNESS ROOM C121 - FLOORBOX	12
13	RCP - HR OFF C119 - GP	1	20 A	#12	5 A / 6 A			#12	20 A	1	RCP - MEN C120, WOMEN C122 - GP	14
15	RCP - JAN C135 - CLEANING EQUIPMENT	1	20 A	#12		2 A / 15 A		#12	15 A	1	RCP - MEN C120 - SAUNA	16
17	RCP - JAN C135 - CLEANING EQUIPMENT	1	20 A	#12			2 A / 15 A	#12	15 A	1	RCP - WOMEN C122 - SAUNA	18
19	RCP - JAN C135 - GP	1	20 A	#12	5 A / 13 A			#10	20 A	1	PWR - CORR C140 - PRINTER/COPIER	20
21	RCP - EXTERIOR - BLOCK HEATER	1	20 A	#12		3 A / 3 A		#12	20 A	1	PWR - CORR C140 - COUNTERTOP	22
23	RCP - EXTERIOR - BLOCK HEATER	1	20 A	#12			3 A / 5 A	#12	20 A	1	RCP - SUPPLY C123 - GP	24
25	RCP - EXTERIOR - BLOCK HEATER	1	20 A	#12	3 A / 6 A			#12	20 A	1	RCP - PROCURE C125 - GP & TV	26
27	RCP - EXTERIOR - BLOCK HEATER	1	20 A	#12		3 A / 5 A		#12	20 A	1	RCP - PROCURE C125 - GP	28
29	RCP - EXTERIOR - BLOCK HEATER	1	20 A	#12			3 A / 8 A	#12	20 A	1	RCP - PROCURE C125 - FLOORBOX	30
31	RCP - EXTERIOR - BLOCK HEATER	1	20 A	#12	3 A / 3 A			#12	20 A	1	RCP - CORR C127 - GP	32
33	RCP - EXTERIOR - BLOCK HEATER	1	20 A	#12		3 A / 8 A		#12	20 A	1	RCP - HR OFF C118 - FLOORBOX	34
35	RCP - EXTERIOR - BLOCK HEATER	1	20 A	#12			3 A / 3 A	#12	20 A	1	RCP - CORR C150 - GP	36
37	RCP - AIRLOCK C109 - WATER FOUNTAIN	1	20 A	#12	3 A / 0 A					1	SPACE	38
39	SPACE	1				0 A / 0 A				1	SPACE	40
41	SPACE	1					0 A / 0 A			1	SPACE	42

Legend: Phase A,B,C values are in Amps.

Load Classification	Demand Factor	Estimated Demand	Connected Load	Panel Totals	
Power	100.00%	1000 VA	1000 VA		
Receptacles	71.80%	16467 VA	22934 VA	Total Conn. Load:	23821 VA
				Total Est. Demand:	17356 VA
				Total Conn.:	66 A
				Total Est. Demand:	48 A

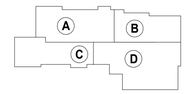
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Key Plan



No.	Description	Date
1	Addendum No.1	09-01-26

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PROJECT NO: 25300600
ISSUE DATE: 08/21/26
CONTACT: W. BURGESS
CHECKED BY:

CONSTRUCTION DOCUMENTS

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ELECTRICAL PANEL SCHEDULES

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E-405

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Panel - P1L1

Fed From - **SWBD (EXISTING)**

Bus - 225 A / MCB - 225 A

Service - **120/208 3ph 4w**

In Room - **MECH-1 EX275-1**
Mount - **Surface Mnt / NEMA 1**
Branch AIC -
Total Demand Load - **163 A**
% Imbalance - **6**

Notes:

#	Load Name	P	Bkr	Wire	A	B	C	Wire	Bkr	P	Load Name	#
1	LTG - C102	1	20 A	#8	11 A / 11 A			#10	20 A	1	RCP - STORAGE C105 - GP	2
3	LTG - C102	1	20 A	#8		10 A / 5 A		#12	20 A	1	RCP - MEN C107, WOMEN C106, AIRLOCK C109 - GP	4
5	LTG - C103-C109	1	20 A	#10			8 A / 4 A	#12	20 A	1	PWR - MEETING ROOM C102 - EXISTING WATER PUMP	6
7	RCP - PREP & WASTE C103 - COFFEE MAKER	2	40 A	#8	24 A / 6 A			#12	20 A	1	RCP - MEETING ROOM C102 - WALLS	8
9	--	--	--	--		24 A / 15 A		#8	20 A	1	RCP - MEETING ROOM C102 - FLOOR BOXES	10
11	RCP - PREP & WASTE C103 - BAR GP GFI 2	1	20 A	#12			6 A / 15 A	#8	20 A	1	RCP - MEETING ROOM C102 - FLOOR BOXES	12
13	RCP - PREP & WASTE C103 - DOUBLE OVEN	2	40 A	#8	24 A / 15 A			#10	20 A	1	RCP - MEETING ROOM C102 - FLOOR BOXES	14
15	--	--	--	--		24 A / 15 A		#10	20 A	1	RCP - MEETING ROOM C102 - FLOOR BOXES	16
17	RCP - PREP & WASTE C103 - RANGE	2	40 A	#6			24 A / 15 A	#8	20 A	1	RCP - MEETING ROOM C102 - FLOOR BOXES	18
19	--	--	--	--	24 A / 15 A			#8	20 A	1	RCP - MEETING ROOM C102 - FLOOR BOXES	20
21	RCP - PREP & WASTE C103 - VENT HOOD	1	20 A	#12		10 A / 15 A		#8	20 A	1	RCP - MEETING ROOM C102 - FLOOR BOXES	22
23	RCP - PREP & WASTE C103 - MICROWAVE	1	20 A	#10			13 A / 15 A	#8	20 A	1	RCP - MEETING ROOM C102 - FLOOR BOXES	24
25	RCP - PREP & WASTE C103 - COUNTERTOP GP	1	20 A	#12	2 A / 15 A			#10	20 A	1	RCP - AV CLOSET C108 - WASHER	26
27	RCP - PREP & WASTE C103 - COUNTERTOP GP	1	20 A	#12		2 A / 24 A		#8	40 A	2	RCP - AV CLOSET C108 - DRYER	28
29	RCP - PREP & WASTE C103 - GARBAGE DISPOSAL	1	20 A	#12			8 A / 24 A	--	--	--	--	30
31	RCP - PREP & WASTE C103 - DISHWASHER	1	20 A	#12	10 A / 3 A			#12	20 A	1	RCP - AV CLOSET C108 - AV RACK	32
33	PWR - PREP & WASTE C103 - REFRIGERATOR / FREEZER	1	20 A	#12		13 A / 3 A		#12	20 A	1	RCP - AV CLOSET C108 - AV RACK	34
35	PWR - PREP & WASTE C103 - REFRIGERATOR / FREEZER	1	20 A	#12			13 A / 3 A	#12	20 A	1	RCP - AV CLOSET C108 - AV RACK	36
37	RCP - PREP & WASTE C103 - BAR GP GFI 1	1	20 A	#12	6 A / 1 A			#12	20 A	1	LTG - EXTERIOR	38
39	SPACE	1				0 A / 0 A				1	SPACE	40
41	SPACE	1					0 A / 0 A			1	SPACE	42
43	RCP - BREAK ROOM C131 - GARBAGE DISPOSAL	1	20 A	#12	2 A / 2 A			#12	20 A	1	PWR - EXTERIOR - CEILING FAN	44
45	RCP - BREAK ROOM C131 - ICE MACHINE	1	20 A	#12		2 A / 4 A		#12	20 A	1	LTG - EXTERIOR (EXISTING)	46
47	RCP - BREAK ROOM C131 - MICROWAVE	1	20 A	#12			2 A / 4 A	#12	20 A	1	PWR - C102 - EXISTING IRRIGATION CONTROLLER	48
49	RCP - BREAK ROOM C131 - COFFEE MACHINE	1	20 A	#12	2 A / 4 A			#12	20 A	1	PWR - C102 - MOTORIZED GATE	50
51	RCP - BREAK ROOM C131 - COUNTERTOP GP	1	20 A	#12		2 A / 4 A		#12	20 A	1	PWR - C102 - MOTORIZED GATE	52
53	RCP - BREAK ROOM C131 - GP & TV	1	20 A	#12			7 A / 6 A	#10	20 A	1	PWR - ROOF - HEAT TRACE TAPE, QUADRANT C	54
55	RCP - BREAK ROOM C131 - REFRIGERATOR	1	20 A	#12	2 A / 6 A			#10	20 A	1	PWR - ROOF - HEAT TRACE TAPE, QUADRANT A	56
57	RCP - BREAK ROOM C131 - REFRIGERATOR	1	20 A	#12		2 A / 0 A						58
59	RCP - BREAK ROOM C131 - VENDING MACHINE	1	20 A	#12			2 A / 0 A					60
61	RCP - BREAK ROOM C131 - VENDING MACHINE	1	20 A	#12	2 A / 2 A			#12	20 A	1	PWR - MECH C147 - LIGHTING RELAY PANEL RP-1	62
63	RCP - BREAK ROOM C131 - VENDING MACHINE	1	20 A	#12		2 A / 6 A		#12	20 A	1	RCP - OFFICE C112 - GP	64
65	PWR - FITNESS ROOM C121 - CEILING FANS	1	20 A	#12			3 A / 6 A	#12	20 A	1	RCP - STOR/FILES C110 - GP	66
67	RCP - FACILITIES C136 - GP	1	20 A	#12	6 A / 13 A			#10	20 A	1	LTG - A112, C110-111, C114-119	68
69	RCP - SAFETY C137, STOR C142 - GP	1	20 A	#12		5 A / 16 A		#8	20 A	1	LTG - C120-125	70
71	RCP - PROCURE C138 - GP	1	20 A	#12			5 A / 10 A	#10	20 A	1	LTG - C113, A115, C126-127, C140, C150	72
73	RCP - CORR C140 - GP	1	20 A	#12	2 A / 10 A			#10	20 A	1	LTG - C135-137, C141-146	74
75	RCP - OFFICE C141, STOR C144 - GP	1	20 A	#12		6 A / 10 A		#10	20 A	1	LTG - C131	76
77	RCP - SAFETY C143, SAFETY C146 - GP	1	20 A	#12			6 A / 5 A	#12	20 A	1	RCP - FAC C145 - GP	78
79	SPACE	1			0 A / 0 A					1	SPACE	80
81	SPACE	1				0 A / 0 A				1	SPACE	82
83	SPACE	1					0 A / 0 A			1	SPACE	84

Legend: Phase A,B,C values are in Amps.

Load Classification	Demand Factor	Estimated Demand	Connected Load	Panel Totals	
Lighting	125.00%	13882 VA	11105 VA		
Power	100.00%	10361 VA	10361 VA	**Total Conn. Load:**	**72086 VA**
Receptacles	61.88%	26042 VA	42084 VA	**Total Est. Demand:**	**58829 VA**
PWR	100.00%	4110 VA	4110 VA	**Total Conn.:**	**200 A**
Electric Dryer	100.00%	5000 VA	5000 VA	**Total Est. Demand:**	**163 A**

Panel - P3L

Fed From - **SWBD (EXISTING)**

Bus - 225 A / MCB - 225 A

Service - **120/208 3ph 4w**

In Room - **MECH/ ELEC-1 EX130-1**
Mount - **Surface Mnt / NEMA 1**
Branch AIC -
Total Demand Load - **135 A**
% Imbalance - **11**

Notes:

#	Load Name	P	Bkr	Wire	A	B	C	Wire	Bkr	P	Load Name	#
1	RCP - ENG SERV B145 - GP	1	20 A	#12	8 A / 5 A			#12	20 A	1	RCP - TOILET B124, SERVICE BAR EX117 - GP	2
3	RCP - ENG SERV B145 - GP	1	20 A	#12		5 A / 8 A		#8	20 A	1	RCP - BOARD ROOM B127 - FLOOR BOXES	4
5	RCP - ENG SERV B149 - GP	1	20 A	#12			6 A / 15 A	#8	20 A	1	RCP - BOARD ROOM B127 - GP	6
7	RCP - ENG SERV B147 - GP	1	20 A	#12	6 A / 6 A			#12	20 A	1	RCP - RESOURCE CENTER B123 - GP	8
9	RCP - M.R. B148 - GP	1	20 A	#12		5 A / 15 A		#8	20 A	1	RCP - RESOURCE CENTER B123 - FLOOR BOXES	10
11	RCP - ENG SERV B149 - GP	1	20 A	#12			5 A / 23 A	#6	30 A	1	RCP - RESOURCE CENTER B123 - FLOOR BOXES	12
13	RCP - CALL CENTER B142 - GP	1	20 A	#12	7 A / 3 A			#12	20 A	1	RCP - OPEN OFFICE B103 - GP	14
15	RCP - CALL CENTER B142 - GP	1	20 A	#12		6 A / 6 A		#12	20 A	1	RCP - SPRINKLER B122, STORAGE B121 - GP	16
17	RCP - CALL CENTER B142 - GP	1	20 A	#12			9 A / 3 A	#12	20 A	1	RCP - KITCHEN B120 - COUNTERTOP	18
19	RCP - CALL CENTER B142 - GP	1	20 A	#12	9 A / 3 A			#12	20 A	1	RCP - KITCHEN B120 - COUNTERTOP	20
21	RCP - CALL CENTER B142 - GP	1	20 A	#12		7 A / 3 A		#12	20 A	1	RCP - STOR B118 - QUAD	22
23	RCP - BREAK B139 - GP	1	20 A	#12			8 A / 3 A	#12	20 A	1	RCP - STOR B118 - QUAD	24
25	RCP - BREAK B139 - GP	1	20 A	#12	5 A / 3 A			#12	20 A	1	RCP - STOR B118 - QUAD	26
27	RCP - MECH/ELEC B140 - GP	1	20 A	#12		3 A / 13 A		#12	20 A	1	PWR - BREAK B139 - REFRIGERATOR	28
29	RCP - TOILET B135, WOMEN B137, MEN B136 - GP	1	20 A	#12			9 A / 13 A	#12	20 A	1	RCP - BREAK B139 - MICROWAVE	30
31	RCP - CORRIDOR B128, CORRIDOR B116 - GP	1	20 A	#12	5 A / 8 A			#12	20 A	1	RCP - OFFICE B132 - GP	32
33	RCP - OFFICE B134 - GP	1	20 A	#12		6 A / 13 A		#12	20 A	1	PWR - CALL CENTER B142 - COPIER	34
35	RCP - OFFICE B133 - GP	1	20 A	#12			6 A / 3 A	#12	20 A	1	PWR - CORR B116 - WATER FOUNTAIN	36
37	RCP - CALL CENTER B142 - GP	1	20 A	#12	7 A / 5 A			#12	20 A	1	RCP - OFFICE B126 - GP	38
39	SPACE	1				0 A / 0 A				1	SPACE	40
41	SPACE	1					0 A / 0 A			1	SPACE	42
43	RCP - ENG SERV B145 - PRINTER	1	20 A	#10	13 A / 13 A			#8	20 A	1	LTG - B118-119, B133-134, B151-152	44
45	RCP - ENG SERV B147 - PRINTER	1	20 A	#12		13 A / 7 A		#10	20 A	1	LTG - B120-123	46
47	RCP - ENG SERV B1459- PRINTER	1	20 A	#12			13 A / 11 A	#10	20 A	1	LTG - CORRIDORS B116, B128, B138, B158	48
49	RCP - M.R. B148 - PRINTER	1	20 A	#12	13 A / 3 A			#12	20 A	1	LTG - EXTERIOR	50
51	RCP - MSR OPEN OFFICE B103 - PRINTER	1	20 A	#8		13 A / 15 A		#12	20 A	1	LTG - B135-137, B139, B142	52
53	RCP - OFFICE B126 - PRINTER	1	20 A	#10			13 A / 16 A	#10	20 A	1	LTG - B140-142, B145-148	54
55	RCP - OPEN OFFICE B103 - POWER POLE 1A	1	20 A	#12	8 A / 3 A			#12	20 A	1	RCP - TOILET B151, B152	56
57	RCP - OPEN OFFICE B103 - POWER POLE 1B	1	20 A	#12		8 A / 5 A		#12	20 A	1	RCP - OPEN OFFICE B103 - GP	58
59	RCP - OPEN OFFICE B103 - POWER POLE 2A	1	20 A	#12			8 A / 5 A	#12	20 A	1	RCP - OFFICE B129 - GP	60
61	RCP - OPEN OFFICE B103 - POWER POLE 2B	2	40 A	#8	8 A / 24 A			#8	40 A	2	PWR - BREAK B139 - COFFEE MACHINE	62
63	RCP - OPEN OFFICE B103 - POWER POLE 3A	1	20 A	#12		8 A / 24 A		--	--	--	--	64
65	RCP - OPEN OFFICE B103 - POWER POLE 3B	1	20 A	#12			8 A / 8 A	#12	20 A	1	RCP - BOARD ROOM B127 - FLOOR BOXES	66
67	RCP - OPEN OFFICE B103 - POWER POLE 4A	1	20 A	#10	8 A / 8 A			#12	20 A	1	RCP - BOARD ROOM B127 - FLOOR BOXES	68
69	RCP - OPEN OFFICE B103 - POWER POLE 4B	1	20 A	#10		8 A / 8 A		#12	20 A	1	RCP - BOARD ROOM B127 - POWER SHADING DOOR	70
71	RCP - TOILET B130, MECH B125 - GP	1	20 A	#12			3 A / 13 A	#12	20 A	1	RCP - OFFICE B129 - PRINTER	72
73	RCP - RESOURCE CENTER B123 - GP	1	20 A	#12	3 A / 5 A			#12	20 A	1	PWR - ROOF - HEAT TRACE TAPE, QUADRANT B	74
75	PWR - KITCHEN B120 - REFRIGERATOR	1	20 A	#8		13 A / 0 A						76
77	RCP - KITCHEN B120 - GP	1	20 A	#12			3 A / 0 A					78
79	SPACE	1			0 A / 0 A					1	SPACE	80
81	SPACE	1				0 A / 0 A				1	SPACE	82
83	SPACE	1					0 A / 0 A			1	SPACE	84

Legend: Phase A,B,C values are in Amps.

Load Classification	Demand Factor	Estimated Demand	Connected Load	Panel Totals	
Lighting	125.00%	9706 VA	7765 VA		
Power	100.00%	6290 VA	6290 VA	**Total Conn. Load:**	**68982 VA**
Receptacles	59.16%	32303 VA	54606 VA	**Total Est. Demand:**	**48606 VA**
PWR	100.00%	643 VA	643 VA	**Total Conn.:**	**191 A**
				Total Est. Demand:	**135 A**

Panel - P2L

Fed From - **SWBD (EXISTING)**

Bus - 225 A / MCB - 225 A

Service - **120/208 3ph 4w**

In Room - **MECH/ ELEC-1 EX 164-1**
Mount - **Surface Mnt / NEMA 1**
Branch AIC -
Total Demand Load - **141 A**
% Imbalance - **15**

Notes:

#	Load Name	P	Bkr	Wire	A	B	C	Wire	Bkr	P	Load Name	#
1	RCP - OFFICE A101 - GP	1	20 A	#10	7 A / 6 A			#12	20 A	1	RCP - OFFICE A131 - GP	2
3	RCP - OFFICE A102 - GP	1	20 A	#10		6 A / 6 A		#12	20 A	1	RCP - OFFICE A132 - GP	4
5	RCP - DATA A103 - RACK	1	20 A	#12			3 A / 6 A	#12	20 A	1	RCP - OFFICE A133 - GP	6
7	RCP - DATA A103 - RACK	1	20 A	#12	3 A / 6 A			#12	20 A	1	RCP - OFFICE A134 - GP	8
9	RCP - DATA A103 - RACK	1	20 A	#12		3 A / 6 A		#12	20 A	1	RCP - OFFICE A135 - GP	10
11	RCP - OFFICE A104 - GP	1	20 A	#10			7 A / 7 A	#12	20 A	1	RCP - OFFICE A136 - GP	12
13	RCP - OFFICE A105 - GP	1	20 A	#12	5 A / 9 A			#12	20 A	1	RCP - CONFERENCE A137 - GP & TVs	14
15	RCP - STOR A106, CLOSET A107, OFFICE A108 - GP	1	20 A	#10		7 A / 15 A		#10	20 A	1	RCP - CONFERENCE A137 - FLOORBOXES	16
17	RCP - OFFICE A108 - GP	1	20 A	#12			5 A / 7 A	#12	20 A	1	RCP - SCADA A138 - QUAD WORKSTATION	18
19	RCP - OFFICE A109 - GP	1	20 A	#12	6 A / 7 A			#12	20 A	1	RCP - SCADA A138 - QUAD WORKSTATION	20
21	RCP - OFFICE A111 - GP	1	20 A	#10		7 A / 7 A		#12	20 A	1	RCP - SCADA A138 - QUAD WORKSTATION	22
23	RCP - OFFICE A117 - GP	1	20 A	#12			6 A / 7 A	#12	20 A	1	RCP - SCADA A138 - QUAD WORKSTATION	24
25	RCP - OFFICE A118 - GP	1	20 A	#12	6 A / 9 A			#12	20 A	1	RCP - SCADA A138 - GP	26
27	RCP - OFFICE A119 - GP	1	20 A	#12		6 A / 6 A		#12	20 A	1	RCP - OFFICE A180 - GP	28
29	RCP - OFFICE A120 - GP	1	20 A	#12			6 A / 6 A	#12	20 A	1	RCP - OFFICE A180 - GP	30
31	RCP - CARE A116, MEN A122, WOMEN A121 - GP	1	20 A	#12	6 A / 9 A			#10	20 A	1	RCP - OFFICE A180 - GP	32
33	RCP - OFFICE A123 - GP	1	20 A	#12		6 A / 6 A		#12	20 A	1	RCP - OFFICE A180 - GP	34
35	RCP - OFFICE A124 - GP	1	20 A	#12			6 A / 13 A	#10	20 A	1	RCP - PLOT & LAYOUT A181 - COPIER	36
37	RCP - OFFICE A125 - GP	1	20 A	#12	6 A / 5 A			#12	20 A	1	RCP - PLOT & LAYOUT A181 - GP	38
39	SPACE	1				0 A / 0 A				1	SPACE	40
41	SPACE	1					0 A / 0 A			1	SPACE	42
43	RCP - OFFICE A126 - GP	1	20 A	#12	6 A / 11 A			#8	20 A	1	LTG - A101-A109	44
45	RCP - OFFICE A143 - GP	1	20 A	#12		6 A / 9 A		#8	20 A	1	LTG - A113, 115, 130, 141, 156, 158	46
47	RCP - OFFICE A146 - GP	1	20 A	#12			7 A / 8 A	#10	20 A	1	LTG - A117-120, A121, A116	48
49	RCP - OFFICE A147 - GP	1	20 A	#12	6 A / 8 A			#12	20 A	1	LTG - A122-126	50
51	RCP - OFFICE A149 - GP	1	20 A	#12		6 A / 12 A		#10	20 A	1	LTG - A131-137, A137, A138	52
53	RCP - OFFICE A150 - GP	1	20 A	#12			6 A / 14 A	#10	20 A	1	LTG - A143, 146-150, 151-155, 157	54
55	RCP - OFFICE A152 - GP	1	20 A	#12	7 A / 15 A			#8	20 A	1	LTG - A173-181	56
57	RCP - OFFICE A154 - GP	1	20 A	#12		7 A / 3 A		#12	20 A	1	LTG - EXTERIOR	58
59	RCP - MECH/ELEC A155 - GP	1	20 A	#12			5 A / 8 A	#12	20 A	1	RCP - BILLING A173 - GP	60
61	RCP - MGR OFFICE A157 - GP	1	20 A	#12	8 A / 6 A			#12	20 A	1	RCP - OFFICE A174 - GP	62
63	RCP - MGR OFFICE A157 - GP	1	20 A	#12		5 A / 6 A		#12	20 A	1	RCP - OFFICE A175 - GP	64
65	RCP - CORRIDOR A158 - GP	1	20 A	#12			5 A / 6 A	#12	20 A	1	RCP - OFFICE A176 - GP	66
67	RCP - PRINTER @ CLOSET A107	1	20 A	#8	13 A / 12 A			#12	20 A	2	RCP - PLOT & LAYOUT A181 - PLOTTER	68
69	RCP - PLOT & LAYOUT A181 - COPIER	1	20 A	#8		13 A / 12 A		--	--	--	--	70
71	RCP - OFFICE A174 - PRINTER	1	20 A	#12			13 A / 13 A	#12	20 A	1	RCP - OFFICE A149 - PRINTER	72
73	RCP - OFFICE A175 - PRINTER	1	20 A	#12	13 A / 13 A			#12	20 A	1	RCP - OFFICE A150 - PRINTER	74
75	RCP - OFFICE A105 - PRINTER	1	20 A	#8		13 A / 13 A		#12	20 A	1	RCP - OFFICE A152 - PRINTER	76
77	RCP - OFFICE A119 - PRINTER	1	20 A	#8			13 A / 13 A	#12	20 A	1	RCP - OFFICE A143 - PRINTER	78
79	RCP - OFFICE A173 - PRINTER	1	20 A	#12	13 A / 0 A					1	SPACE	80
81	SPACE	1				0 A / 0 A				1	SPACE	82
83	SPACE	1					0 A / 0 A			1	SPACE	84

Legend: Phase A,B,C values are in Amps.

Load Classification	Demand Factor	Estimated Demand	Connected Load	Panel Totals	
Lighting	125.00%	11900 VA	9520 VA		
Power	100.00%	8200 VA	8200 VA	**Total Conn. Load:**	**69888 VA**
Receptacles	59.38%	31665 VA	53330 VA	**Total Est. Demand:**	**50725 VA**
				Total Conn.:	**194 A**
				Total Est. Demand:	**141 A**

Panel - C1PA

Fed From -

Bus - 225 A / MCB - 225 A

Service - **120/208 3ph 4w**

In Room - **ELECTRICAL ROOM-1...**
Mount - **Surface Mnt / NEMA 1**
Branch AIC -
Total Demand Load - **108 A**
% Imbalance - **27**

Notes:

#	Load Name	P	Bkr	Wire	A	B	C	Wire	Bkr	P	Load Name	#
1	RCP - ROW CREW D113 - GP	1	20 A	#12	7 A / 3 A			#12	20 A	1	RCP - LINEMEN'S LOUNGE D101 - COUNTERTOP QUAD	2
3	RCP - TRAINING CENTER D114 - GP	1	20 A	#12		6 A / 3 A		#12	20 A	1	RCP - LINEMEN'S LOUNGE D101 - COUNTERTOP QUAD	4
5	PWR - DATA D115 - QUAD	1	20 A	#12			3 A / 6 A	#12	20 A	1	RCP - OPEN OFFICE D102 - GP	6
7	PWR - DATA D115 - QUAD	1	20 A	#12	3 A / 8 A			#10	20 A	1	RCP - OPEN OFFICE D102 - GP	8
9	PWR - DATA D115 - QUAD	1	20 A	#12		3 A / 3 A		#12	20 A	1	RCP - OPEN OFFICE D102 - 72" RCPS	10
11	RCP - ROW OFF D112 - GP	1	20 A	#12			6 A / 7 A	#12	20 A	1	RCP - OFFICE D127 - GP	12
13	RCP - ROW OFF D112 - PRINTER	1	20 A	#12	13 A / 6 A			#12	20 A	1	RCP - OPEN OFFICE D126 - GP	14
15	RCP - ROW OFF D110 - GP	1	20 A	#12		6 A / 8 A		#12	20 A	1	RCP - OPEN OFFICE D126 - GP	16
17	RCP - FIELD SERVICES D109 - GP	1	20 A	#12			5 A / 6 A	#12	20 A	1	RCP - OPEN OFFICE D126 - GP	18
19	RCP - OFFICE D108 - GP	1	20 A	#12	6 A / 3 A			#12	20 A	1	RCP - PATIO - GP	20
21	RCP - CORR D117, D121, C150 - GP	1	20 A	#12		6 A / 3 A		#12	20 A	1	PWR - DOCK - BLOCK HEATER 3	22
23	RCP - OFFICE D103 - GP	1	20 A	#12			5 A / 3 A	#12	20 A	1	PWR - DOCK - BLOCK HEATER 5	24
25	RCP - MEN'S LOCKER ROOM D124, MEN D123	1	20 A	#12	5 A / 5 A			#12	20 A	1	RCP - VAULT D118 - GP	26
27	RCP - OFFICE D107 - GP	1	20 A	#12		5 A / 5 A		#12	20 A	1	RCP - OFF 20 D116 - GP	28
29	RCP - OFFICE D106 - GP	1	20 A	#12			5 A / 3 A	#12	20 A	1	PWR - DOCK - BLOCK HEATER 4	30
31	RCP - OFFICE D105 - GP	1	20 A	#12	5 A / 3 A			#12	20 A	1	PWR - DOCK - BLOCK HEATER 5	32
33	RCP - OFFICE D104 - GP	1	20 A	#12		5 A / 3 A		#12	20 A	1	PWR - DOCK - BLOCK HEATER 1	34
35	RCP - ROW OFF D110 - PRINTER	1	20 A	#12			13 A / 3 A	#12	20 A	1	PWR - DOCK - BLOCK HEATER 2	36
37	SPACE	1			0 A / 0 A					1	SPACE	38
39	SPACE	1				0 A / 0 A				1	SPACE	40
41	SPACE	1					0 A / 0 A			1	SPACE	42
43	RCP - LINEMEN'S LOUNGE D101 - GP	1	20 A	#10	10 A / 8 A			#12	20 A	1	RCP - DOCK - CEILING FANS	44
45	RCP - LINEMEN'S LOUNGE D101 - 60" GP	1	20 A	#12		2 A / 3 A		#12	20 A	1	RCP - CORRIDOR D121 - WATER FOUNTAIN	46
47	RCP - LINEMEN'S LOUNGE D101 - COUNTERTOP	1	20 A	#12			2 A / 3 A	#12	20 A	1	RCP - OPEN OFFICE D126 - HALLWAY GP	48
49	LTG - C132, D110-116, D118-120	1	20 A	#10	14 A / 13 A			#8	20 A	1	RCP - OFFICE D127 - PRINTER	50
51	LTG - D101, D105-109	1	20 A	#8		15 A / 5 A		#12	20 A	1	PWR - ROOF - HEAT TRACE TAPE, QUADRANT D	52
53	LTG - D126, D117, D121	1	20 A	#12	6 A / 0 A							54
55	LTG - D102	1	20 A	#8	9 A / 0 A							56
57	LTG - D103-104, D126-127	1	20 A	#10		11 A / 0 A						58
59	LTG - D122-124, D126	1	20 A	#10			10 A / 0 A					60
61	RCP - LINEMEN'S LOUNGE D101 - GARBAGE DISPOSAL	1	20 A	#12	8 A / 0 A							62
63	RCP - LINEMEN'S LOUNGE D101 - COUNTERTOP QUAD	1	20 A	#12		3 A / 0 A						64
65	RCP - LINEMEN'S LOUNGE D101 - COFFEE MAKER	2	40 A	#8			24 A / 0 A					66
67	--	--	--	--	24 A / 0 A							68
69	PWR - LINEMEN'S LOUNGE D101 - ICE MAKER	1	20 A	#10		13 A / 0 A						70
71	PWR - LINEMEN'S LOUNGE D101 - REFRIGERATOR	1	20 A	#10			13 A / 0 A					72
73	RCP - FIELD SERVICES D109 - PRINTER	1	20 A	#12	13 A / 0 A							74
75	RCP - HALLWAY - PRINTER	1	20 A	#12		13 A / 0 A						76
77	RCP - OPEN OFFICE D126 - PRINTER	1	20 A	#12			13 A / 0 A					78
79	SPACE	1			0 A / 0 A					1	SPACE	80
81	SPACE	1				0 A / 0 A				1	SPACE	82
83	SPACE	1					0 A / 0 A			1	SPACE	84

Legend: Phase A,B,C values are in Amps.

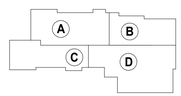
Load Classification	Demand Factor	Estimated Demand	Connected Load	Panel Totals	
Lighting	125.00%	9863 VA	7890 VA		
Power	100.00%	6102 VA	6102 VA	**Total Conn. Load:**	**48451 VA**
Receptacles	65.02%	21642 VA	33283 VA	**Total Est. Demand:**	**38788 VA**
PWR	100.00%	1545 VA	1545 VA	**Total Conn.:**	**134 A**
				Total Est. Demand:	**108 A**

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Key Plan



No.	Description	Date
1	Addendum No.1	09-01-26

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PROJECT NO: 25300600
ISSUE DATE: 08/21/26
CONTACT: W. BURGESS
CHECKED BY:

CONSTRUCTION DOCUMENTS

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ELECTRICAL PANEL SCHEDULES

EMA Engineering & Consulting, Inc.
Tyler | Austin | Houston | El Paso
DFW | San Antonio | Shreveport | Fayetteville
Texas Firm Registration No. F-893
Arkansas Firm Registration No. F-460
DESIGN SOLVE ENHANCE www.EMAengineer.com

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