

Project # 24005 – SJCPL LaSalle Branch Renovation/Addition 3232 Ardmore Trail, South Bend, IN 46628

ADDENDUM No. 2

April 18th, 2025

This addendum and MEP addendum hereby becomes part of the Contract Documents. Each bidder shall acknowledge receipt of this addendum by number on the Bid Form.

It is each Prime Contractor's responsibility to notify all subcontractors of this addendum and provide copies for all sets of plans in their possession.

Item Description

1. General Items:

(a) The owner intends to retain 33% of library furniture within the building during construction, consisting of lounge chairs and study tables. It is assumed that the contractor will be responsible for demolishing existing staff cubicles/desks, task chairs, and public computer tables. The existing library shelving will be removed from the building by the owner prior to construction. Any furniture remaining in the building shall be protected from damage and moved by the contractor to facilitate work in new areas.

2. Sheet A-111 - First Floor Dimension Plan

(a) Addition: Added dimensions for the low masonry exterior walls.

3. Sheet A-121 - First Floor Notation Plan

- (a) **Addition:** Plan Note 9.02 shall refer to the existing walls remaining in YOUTH COLLECTION 105 where existing wall vinyl is being removed.
- (b) **Clarification:** Disregard Plan Note 9.01. Refer to the Reflected Ceiling Plan for information on location and elevation of bulkheads.
- (c) **Addition:** Add enlarged plan 3/A-121 PAVILION PLAN to the sheet for additional detail on the relocated shade pavilion.

4. Sheet A-410 - Casework General Notes, Legend, and Details

(a) Modification: Plastic Laminate products have been modified.

5. Sheet A-501 - Exterior Plans and Details

- (a) **Clarification:** Modify note regarding sidewalk replacement alternate to match the Alternate #5 Description: "REPLACE ALL EXISTING LIBRARY OWNED SIDEWALKS".
- (b) **Clarification:** The new/future digital monument sign will be provided by the owner under a separate contract. This project scope includes the demolition of the existing sign and base, and extension of power and data to new proposed location.



- (c) **Clarification:** Use detail 4/A-501 added in Addendum 1 to price the retaining wall identified by Site Plan Note #11. Provide concrete sidewalk slab at bottom of wall only at this location.
- 6. Sheet A-502 Exterior Details
 - (a) **Addition:** Added details for scope of new foundations and veneer walls at the relocated shade pavilion.
 - (b) Clarification: Assume new vinyl privacy fence finish shall be: Clay
 - i. Submit full product color from manufacturer for final selection.
- 7. Sheet E-101
 - (a) Replace this sheet in its entirety.
- 8. Sheet E-200
 - (a) Replace this sheet in its entirety.
- 9. Sheet E-201
 - (a) Replace this sheet in its entirety.
- 10. Sheet E-301
 - (a) Replace this sheet in its entirety.
- 11. Sheet E-600
 - (a) Replace this sheet in its entirety.
- 12. Attachments:
 - (a) Architectural Sheets: A-111, A-121, A-410, A-502
 - (b) Mechanical Addendum 2 Coversheet
 - (c) Mechanical Sheets: M-101, M-201, M-401, M-402, M-601
 - (d) Electrical Sheets: E-101, E-200, E-201, E-301, E-600

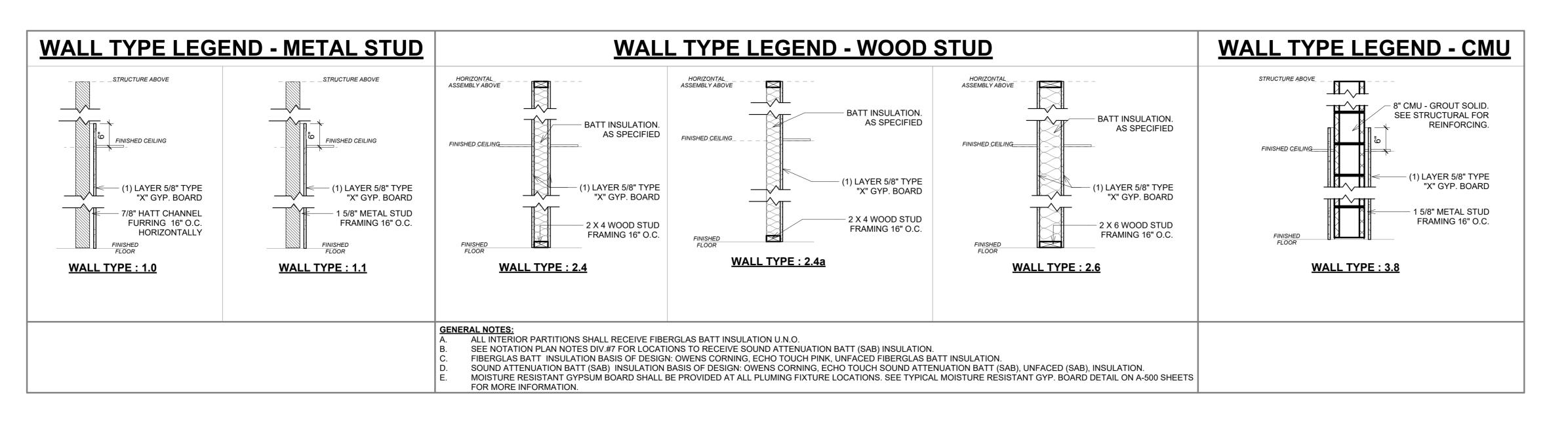
End of Addendum 2

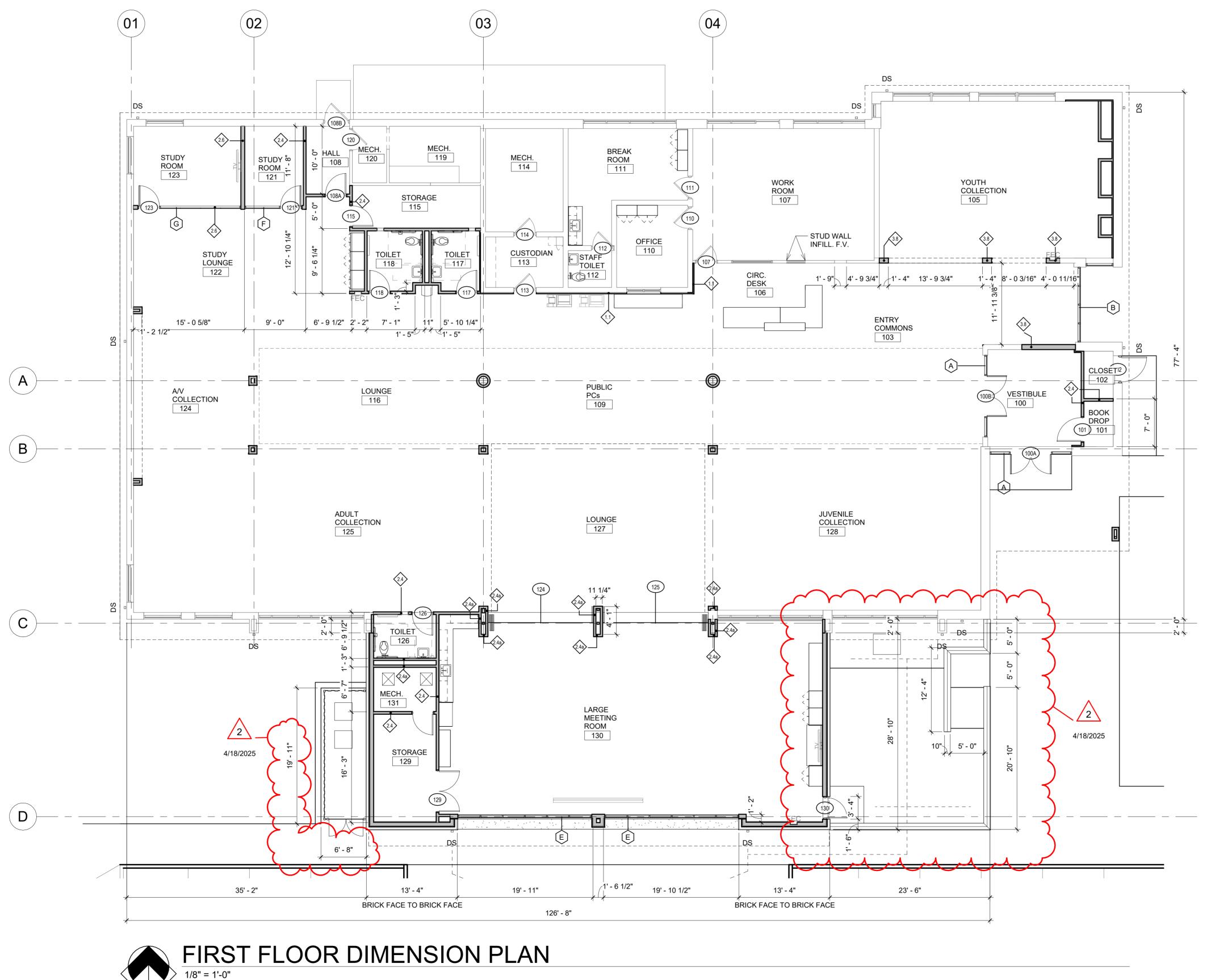
Sincerely,

MKM architecture + design

Benjamin D. McHugh, AIA,

Associate



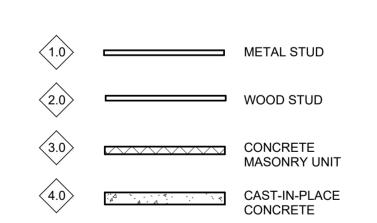


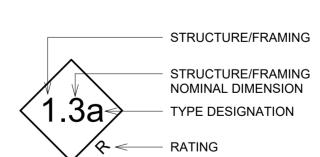
FLOOR PLAN GENERAL NOTES

- A. THE WORK SHOWN ON THESE DOCUMENTS AND THE CORRESPONDING SPECIFICATIONS, INTERFACES WITH OTHER TRADES, WHETHER OR NOT SHOWN ON THESE DOCUMENTS, WHICH IMPACTS THE WORK SHOWN HEREIN. IT IS THE GENERAL CONTRACTOR'S RESPONSIBILITY TO COORDINATE SUCH WORK SO AS TO BE IN COMPLIANCE WITH THE INTENT OF ALL THE PROJECT DOCUMENTS.
- B. GENERAL CONTRACTOR TO PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED CASEWORK, EQUIPMENT, AND ACCESSORIES, INCLUDING TOILET ACCESSORIES AS
- C. REFER TO CODE REVIEW PLAN FOR RATED PARTITIONS AND ASSEMBLIES. SEE TYPICAL DETAIL SHEETS FOR FRAMING INFORMATION RELATED TO INTERSECTING SYSTEMS AND INSTALLATION CONDITIONS.
- D. GENERAL CONTRACTOR TO PATCH ALL CONCRETE SLABS AT MECH/ELEC PENETRATIONS. PATCH SLAB FLUSH WITH EXISTING SLAB AND PROVIDE #4 DOWELS INTO EXISTING SLAB AS REQUIRED.
- E. DAMAGED WALLS AND FINISHES TO BE REPAIRED AS REQUIRED TO MATCH EXISTING ADJACENT WALLS.
- F. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO PATCH ALL CRACKS AND RESEAL JOINTS IN EXISTING SUBSTRATES SCHEDULED TO RECEIVE NEW FINISHES.
- G. UNLESS NOTED OTHERWISE, NEW INTERIOR WALLS TO BE 2X4 WOOD STUDS @ 16" O.C. WITH (1) LAYER OF 5/8" TYPE "X" GYPSUM BOARD EACH SIDE. EXTEND STUD AND GYPSUM BOARD TO DECK ABOVE. SEAL AS REQUIRED FOR WALL RATINGS INDICATED ON THE CODE REVIEW PLAN. SEE INTERIOR WALL TYPE LEGEND SHEET FOR ADDITIONAL INFORMATION.
- H. INSTALL CONTROL/EXPANSION JOINTS PER TYPICAL DETAILS UNLESS NOTED OTHERWISE. FREQUENCY SHOULD MATCH INDUSTRY STANDARD AS NOTED ON DETAILS.
- I. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE IN QUESTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT BEFORE CONTINUING CONSTRUCTION. FOR FURTHER DIMENSIONING SEE ENLARGED PLANS, SECTIONS, AND ELEVATIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THE ARCHITECT MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DRAWINGS MUST BE SUBMITTED TO THE ARCHITECT FOR REVIEW BEFORE PROCEEDING WITH FABRICATION AND/OR INSTALLATION.
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- L. THE CONTRACTOR SHALL VERIFY AND PROVIDE ACCESS PANELS IN WALLS AND CEILINGS WHERE SERVICE AND ADJUSTMENTS TO MECHANICAL, PLUMBING, OR ELECTRICAL MAY BE REQUIRED. ACCESS PANELS SHALL BE THE FIRE RATED TYPE EQUAL TO THE WALL OR CEILING IN WHICH THEY OCCUR AND FINAL LOCATION SHOULD BE VERIFIED WITH ARCHITECT PRIOR TO INSTALLATION. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- M. PIPING INSIDE THE BUILDING SHALL BE CONCEALED IN FURRED SPACES WITH THE EXCEPTION OF PIPING IN MECHANICAL AND SERVICE ROOMS. CHASES SHALL PROVIDED FOR ALL MECHANICAL, ELECTRICAL, AND PLUMBING AS REQUIRED. SEE RESPECTIVE PLAN & ELEVATION DRAWINGS FOR COORDINATION.

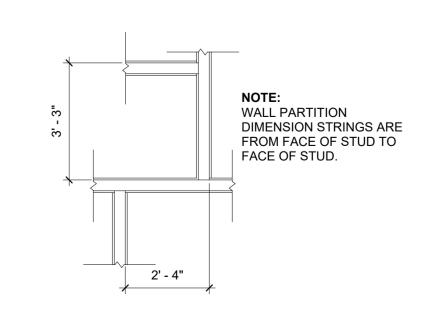
SEE ELECTRICAL DRAWINGS AND/OR COMMUNICATIONS DRAWINGS FOR LOCATIONS OF

- CEILING MOUNTED SMOKE DETECTORS, SPEAKERS, NURSE CALL SYSTEMS, FIRE ALARM DEVICES, EXIT SIGNAGE, ETC. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THESE ITEMS WITH THE REFLECTED CEILING PLAN(S)
- O. SEE FINISH SCHEDULE, PLANS, & ELEVATIONS FOR LOCATIONS OF SPECIFIC FINISHES, MATERIALS, AND ACCENT WALLS
- P. THE INSTALLATION OF ALL PLUMBING FIXTURES SHALL CONFORM TO THE REQUIREMENTS OF THE MOST CURRENT EDITION OF THE ANSI ACCESSIBILITY CODE AND THE AMERICANS WITH DISABILITIES ACT, WHICHEVER IS MORE STRINGENT.



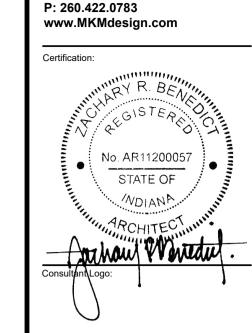


WALL TYPE LEGEND



TYPICAL FRAMING DTL.





SCOPE OF WORK

ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED BY THIS DRAWING ARE OWNED BY, AND THE PROPERTY OF MKM ARCHITECTURE + DESIGN, AND WERE CREATED AND DEVELOPED FOR USE ON, AND IN CONNECTION WITH THIS SPECIFIC PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF MKM ARCHITECTURE + DESIGN. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION WITH THIS PROJECT. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DRAWINGS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE PROCEEDING WITH FABRICATION AND/OR INSTALLATION. THE WORK SHOWN ON THIS DOCUMENT, AND THE CORRESPONDING SPECIFICATIONS, INTERFACES WITH WORK SHOWN ON OTHER DOCUMENTS INCLUDING WORK TO BE PERFORMED BY OTHER CONTRACTORS OR SUBCONTRACTORS. EACH CONTRACTOR OR SUBCONTRACTORS. EACH CONTRACTOR OR SUBCONTRACTORS, WHETHER OR NOT SHOWN ON THIS DOCUMENT, WHICH IMPACTS THE WORK SHOWN HEREIN AND SHALL COORDINATE SUCH WORK SO AS TO BE IN COMPLIANCE WITH THE INTENT OF ALL THE PROJECT DOCUMENTS.



SJCPL - LASALLE
BRANCH
RENOVATION & ADDITION
3232 ARDMORE TRAIL,
SOUTH BEND, IN 46628

REVISION
No. Date Revision
2 4/18/2025 Addendum 2

REVISION

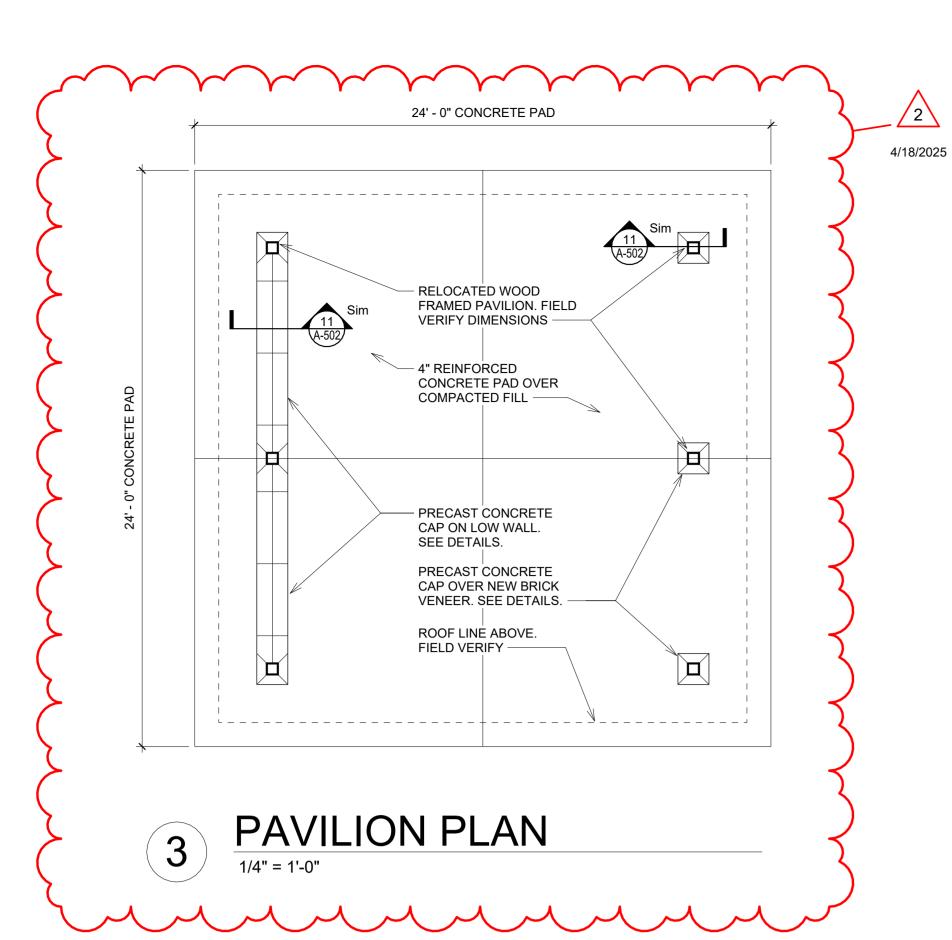
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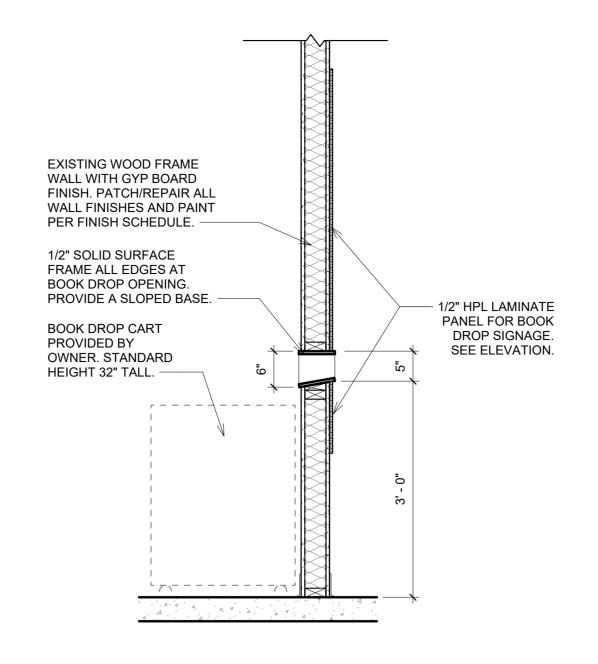
DRAWING CONTENTS:

FIRST FLOOR DIMENSION PLAN

ISSUE DATE: PROJECT NO 25004

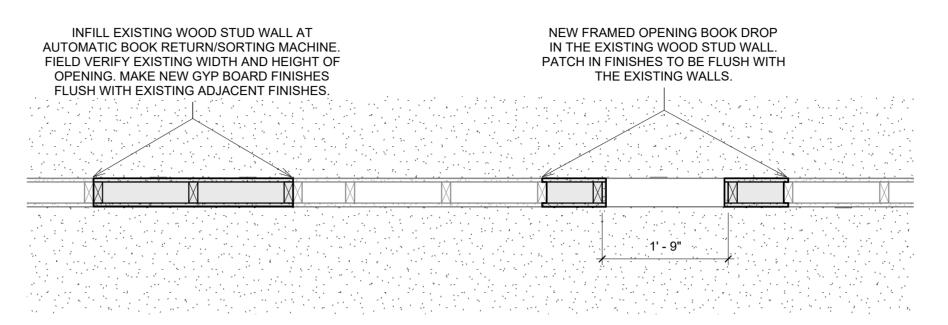
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FIRST FLOOR NOTATION PLAN

> 1/8" = 1'-0"

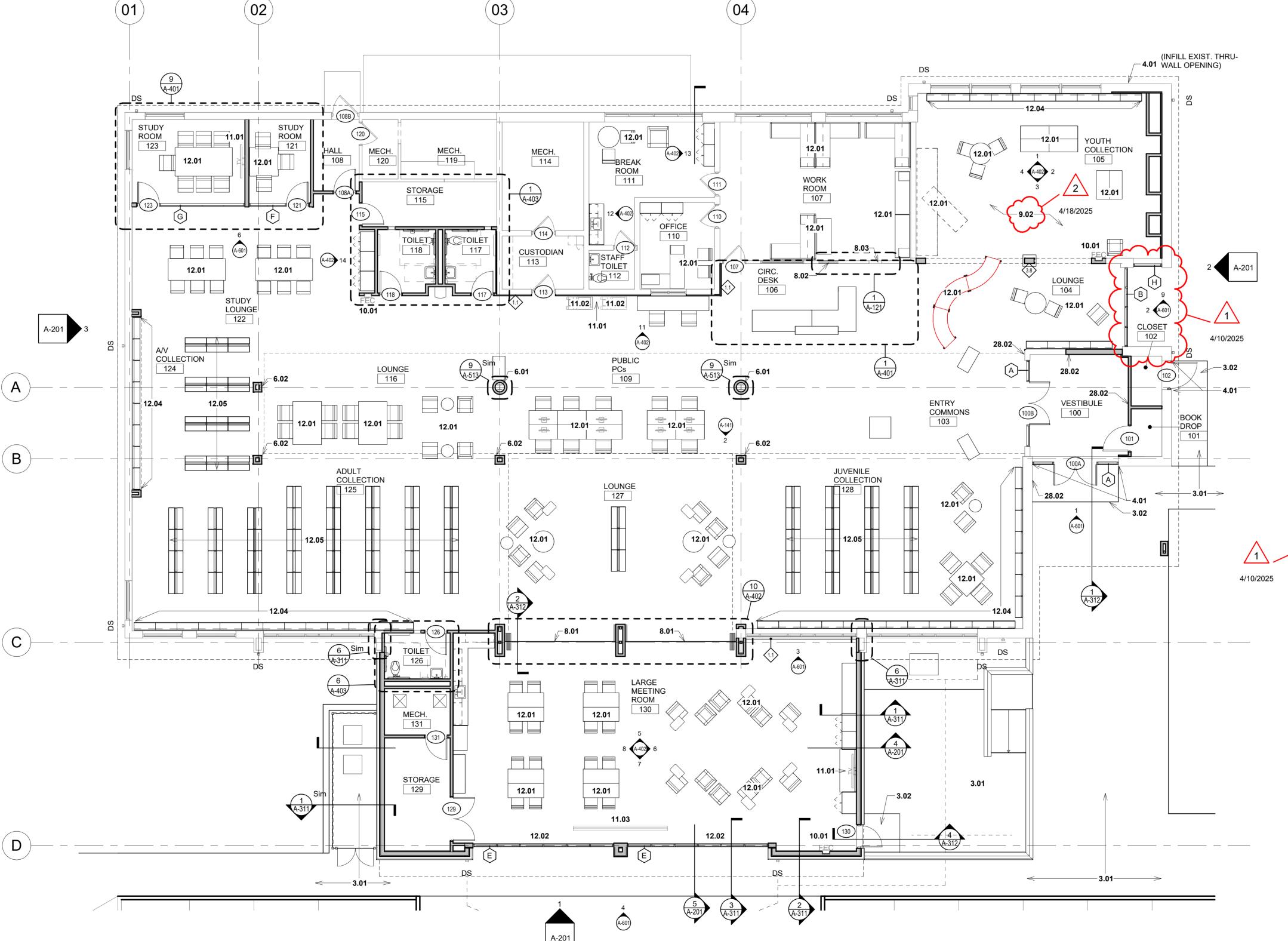


BOOK DROP SECTION

3/4" = 1'-0"

BOOK DROP DTL

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FLOOR PLAN NOTES

- DIV 3 CONCRETE 3.01 NEW CONCRETE SIDEWALK.
- 3.02 NEW CONCRETE STOOP.
- 3.03 EXISTING CONCRETE SIDEWALK TO REMAIN.

4.01 TOOTH IN SALVAGED BRICK VENEER AT NEW OPENING IN EXISTING WALL.

- DIV 6 WOOD, PLASTICS, AND COMPOSITES
- 6.01 NEW G.R.F.G. COLUMN ENCLOSURE. PROVIDE FLAT FACE FOR INSTALLATION OF POWER RECEPTACLE WITHIN CURVED SURFACE. 6.02 MODIFIED COLUMN ENCLOSURE FRAMING AND GYP BOARD. MAKE FACE FLUSH WITH THE
- FACE OF THE CLERESTORY FINISH ABOVE.
- 8.01 OPERABLE GLASS WALL SYSTEM. BASIS-OF-DESIGN: NANA WALL CSW75 SINGLE SWING DOOR WITH REMAINING PAIRED PANELS COLLAPSING TO OPPOSITE WALL.
- 8.02 CONTRACTOR TO INFILL EXISTING BOOK DROP OPENING. 8.03 NEW BOOK DROP OPENING.
- DIV 9 FINISHES GYPSUM BOARD BULKHEAD. SEE REFLECTED CEILING AND FINISH PLANS FOR MORE
- INFORMATION. (ENTIRE ROOM) ALL EXISTING GYPSUM BOARD WALLS/ CEILING/BULKHEAD SCHEDULED TO REMAIN SHALL RECEIVE A SKIM-COAT PRIOR TO NEW FINISHES BEING INSTALLED AS SCHEDULED.
- DIV 10 SPECIALTIES
- 10.01 SEMI-RECESSED FIRE EXTINGISHER CABINET AND EXTINGUISHER. SEE SPECIFICATION. 10.02 PROVIDE TOILET ACCESSORIES PER TYPICAL TOILET ACCESSORIES PLAN AND SCHEDULE.

11.01 CONTRACTOR TO INSTALL OWNER PROVIDED WALL MOUNT TV AND MOUNTING BRACKET.

- DIV 11 EQUIPMENT
- CONTRACTOR TO PROVIDE WALL BLOCKING PER TYPICAL TV BLOCKING DETAIL ON A-500 SHEETS. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA REQUIREMENTS.
- 11.02 CONTRACTOR TO INSTALL OWNER PROVIDED FLOOR COPIER/SCANNER. SEE ELECTRICAL DRAWINGS FOR POWER AND DATA REQUIREMENTS. 11.03 CEILING RECESSED, MOTORIZED PROJECTION SCREEN.

DIV 12 - FURNISHINGS

- 12.01 OWNER PROVIDED FURNITURE TO BE SUPPLIED UNDER SEPARATE VENDOR CONTRACT. ,12.02 NEW MOTORIZED DUAL ROLLER WINDOW SHADES. SEE SPECIFICATIONS. 12.03 NOTE REMOVED
- 12.04 NEW SINGLE-SIDED LIBRARY SHELVING. SUPPLIED AND INSTALLED BY OWNER VENDOR. CONTRACTOR SHALL ASSIST IN COORDINATION OF DELIVERY AND INSTALLATION TIMING. 12.05 NEW DOUBLE-SIDED LIBRARY SHELVING. SUPPLIED AND INSTALLED BY OWNER VENDOR. CONTRACTOR SHALL ASSIST IN COORDINATION OF DELIVERY AND INSTALLATION TIMING.

DIV 28 - ELECTRONIC SAFETY AND SECURITY

28.01 CARD READER ACCESS. CONFIRM FINAL LOCATION WITH OWNER. 28.02 ADA ACTUATOR. CONFIRM FINAL LOCATION WITH OWNER.

architecture + design 435 E. Brackenridge Street Fort Wayne, Indiana 46802

P: 260.422.0783 www.MKMdesign.com



SCOPE OF WORK

HE PROPERTY OF MKM ARCHITECTURE + DESIGN, AND IN CONNECTION WITH THIS SPECIFIC PROJECT PLANS SHALL BE USED BY OR DISCLOSED TO AN' ERMISSION OF MKM ARCHITECTURE + DESIGN THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE IN RECEDENCE OVER SCALE DIMENSIONS. ONTRACTORS SHALL VERIFY AND BE ESPONSIBLE FOR ALL DIMENSIONS AND DIMENSIONS AND CONDITIONS SHOWN BY THESI WITH FABRICATION AND/OR INSTALLATION. THE WORK SHOWN ON THIS DOCUMENT, AND THE IMPACTS THE WORK SHOWN HEREIN AND SHALL COORDINATE SUCH WORK SO AS TO BE IN COMPLIANCE WITH THE INTENT OF ALL THI PROJECT DOCUMENTS.



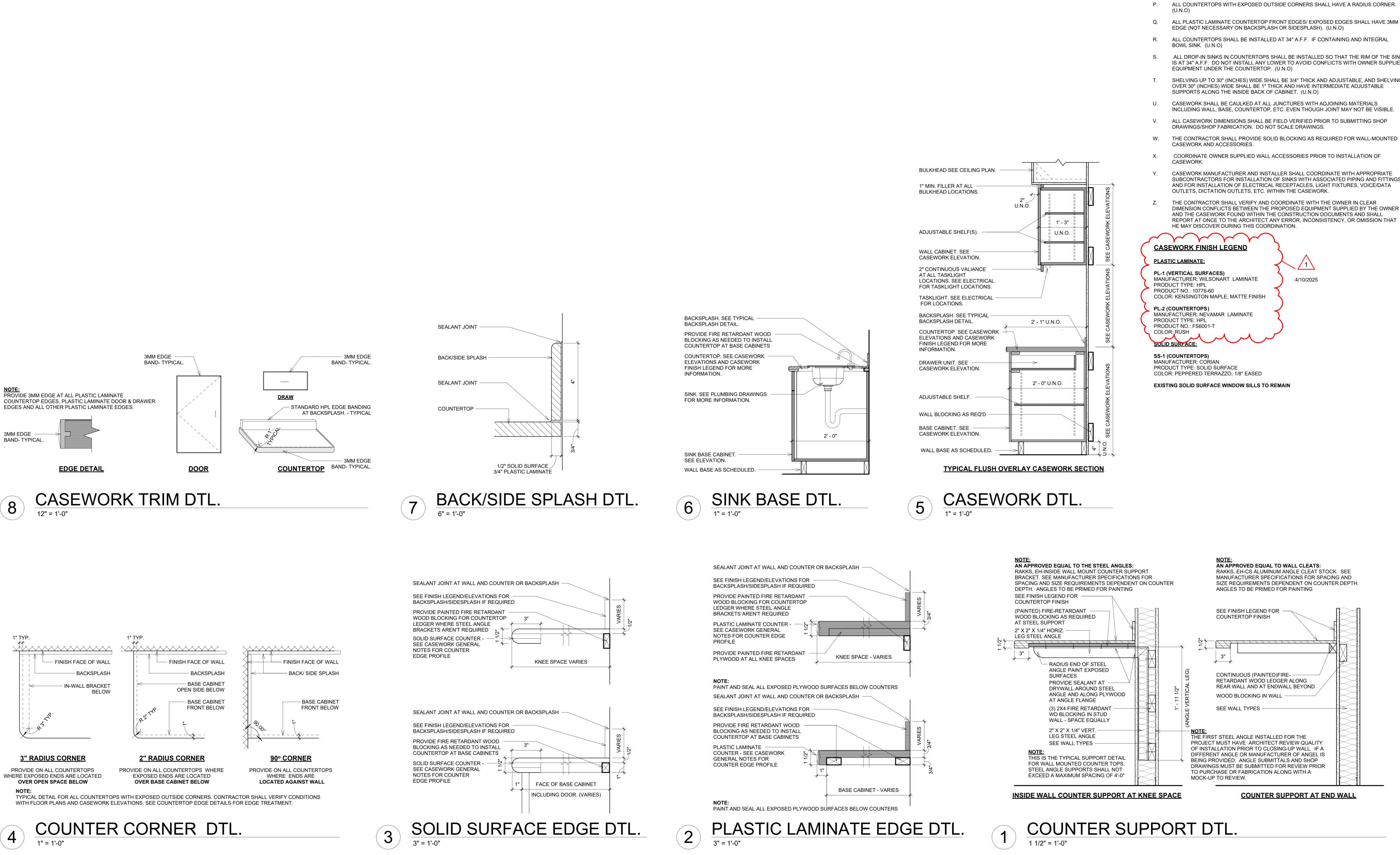
SJCPL - LASALLE **BRANCH RENOVATION & ADDITION** 3232 ARDMORE TRAIL.

SOUTH BEND, IN 46628

4/10/2025 Addendum 1 2 4/18/2025 Addendum 2

FIRST FLOOR

NOTATION PLAN ISSUE DATE: PROJECT NO. 03.27.2025



CASEWORK GENERAL NOTES

WIDTHS BELOW. (U.N.O.)

A. ALL CASEWORK SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS UNLESS NOTED

B. ALL WALL CABINETS SHALL BE 15" (INCHES) DEEP. (U.N.O)

ALL WALL CABINETS WITH TASKLIGHT LOCATIONS SHALL HAVE A CASEWORK VALANCE THAT IS CONTINUOUS ACROSS ALL ADJOINING CABINETS. (U.N.O)

ACCOMMODATE FRONT TO BACK HANGING AND HAVE LOCK. (U.N.O)

ALL BASE CABINETS SHALL BE 24" (INCHES) DEEP. (U.N.O) ALL BASE CABINETS FOR VERTICAL FILE DRAWERS: INTERIOR DIMENSIONS MUST

ON ALL BASE CABINETS, PROVIDE SCHEDULED WALL BASE ALONG BOTTOM OF EXPOSED FRONTS, BACKS, SIDES AND ENDS OF ALL FIXED CASEWORK, WARDROBES, END PANELS,

VERTICAL SUPPORTS, KNEE SPACES, ETC. (U.N.O.) G. ALL INDIVIDUAL WALL CABINET WIDTHS SHALL BE ALIGNED WITH INDIVIDUAL BASE CABINET

ALL WALL AND BASE CABINETS LOCATED NEXT TO A SIDE WALL, PROVIDE A MINIMUM OF A 1" FILLER PANEL AT EACH END OF UPPER/LOWER CASEWORK. (U.N.O)

ALL WALL CABINETS WITH A GYPSUM BOARD BULKHEAD ABOVE SHALL HAVE A MINIMUM OF A 1" FILL PANEL ACROSS THE TOP OF THE WALL CABINETS TO ALLOW FOR CLEAR DOOR

ALL EXPOSED CABINET SIDES SHALL RECEIVE FINISHED END PANELS. (U.N.O)

K. ALL CABINET DOOR WIDTHS SHALL NOT EXCEED 2'-0" IN WIDTH. (U.N.O)

ALL CABINET DOOR AND DRAWER EDGES TO RECEIVE A 3MM EDGE BANDING. (U.N.O.)

ALL HINGES AND RELATED HARDWARE SHALL BE CONCEALED. (U.N.O) ALL CABINETS AND DRAWERS TO INCLUDE 4" WIRE PULLS. (U.N.O)

ALL COUNTERTOPS SHALL EXTEND 1" BEYOND THE DEPTH OF THE BASE CABINETS BELOW.

EDGE (NOT NECESSARY ON BACKSPLASH OR SIDESPLASH). (U.N.O)

S. ALL DROP-IN SINKS IN COUNTERTOPS SHALL BE INSTALLED SO THAT THE RIM OF THE SINK IS AT 34" A.F.F. DO NOT INSTALL ANY LOWER TO AVOID CONFLICTS WITH OWNER SUPPLIED

SHELVING UP TO 30" (INCHES) WIDE SHALL BE 3/4" THICK AND ADJUSTABLE, AND SHELVING OVER 30" (INCHES) WIDE SHALL BE 1" THICK AND HAVE INTERMEDIATE ADJUSTABLE SUPPORTS ALONG THE INSIDE BACK OF CABINET. (U.N.O)

CASEWORK SHALL BE CAULKED AT ALL JUNCTURES WITH ADJOINING MATERIALS INCLUDING WALL, BASE, COUNTERTOP, ETC. EVEN THOUGH JOINT MAY NOT BE VISIBLE.

DRAWINGS/SHOP FABRICATION. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL PROVIDE SOLID BLOCKING AS REQUIRED FOR WALL-MOUNTED

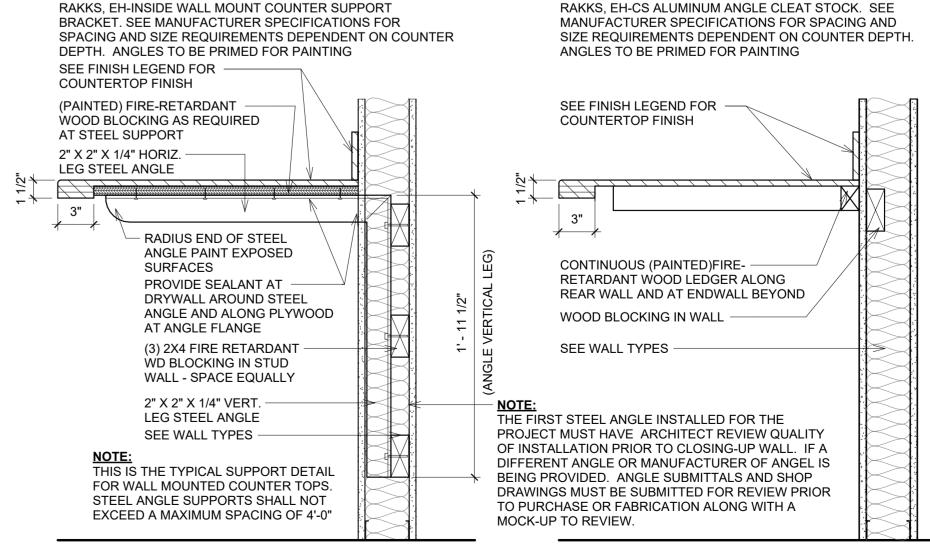
COORDINATE OWNER SUPPLIED WALL ACCESSORIES PRIOR TO INSTALLATION OF

CASEWORK MANUFACTURER AND INSTALLER SHALL COORDINATE WITH APPROPRIATE SUBCONTRACTORS FOR INSTALLATION OF SINKS WITH ASSOCIATED PIPING AND FITTINGS, AND FOR INSTALLATION OF ELECTRICAL RECEPTACLES, LIGHT FIXTURES, VOICE/DATA OUTLETS, DICTATION OUTLETS, ETC. WITHIN THE CASEWORK.

THE CONTRACTOR SHALL VERIFY AND COORDINATE WITH THE OWNER IN CLEAR AND THE CASEWORK FOUND WITHIN THE CONSTRUCTION DOCUMENTS AND SHALL REPORT AT ONCE TO THE ARCHITECT ANY ERROR, INCONSISTENCY, OR OMISSION THAT HE MAY DISCOVER DURING THIS COORDINATION.

COLOR: KENSINGTON MAPLE, MATTE FINISH

AN APPROVED EQUAL TO WALL CLEATS:



architecture + design

435 E. Brackenridge Street Fort Wayne, Indiana 46802 P: 260.422.0783 www.MKMdesign.com Certification: No. AR11200057 STATE OF

SCOPE OF WORK

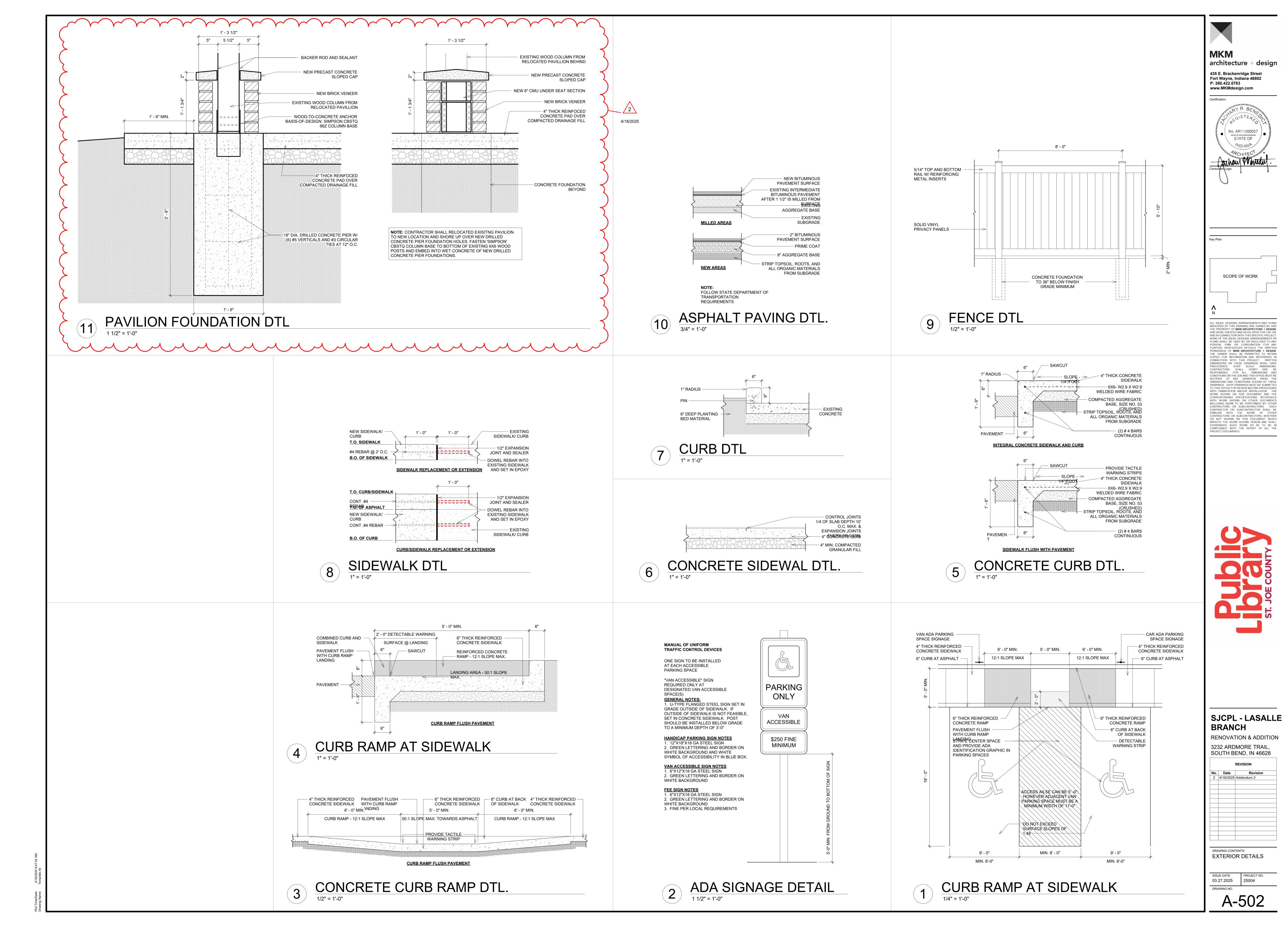
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SJCPL - LASALLE **BRANCH RENOVATION & ADDITION** 3232 ARDMORE TRAIL. SOUTH BEND, IN 46628 REVISION 4/10/2025 Addendum 1

CASEWORK GENERAL NOTES, LEGEND, & **DETAILS** ISSUE DATE: PROJECT NO.

03.27.2025 25004



DLZ INDIANA, LLC 2211 East Jefferson Blvd South Bend, Indiana 46615

Date

ADDENDUM NO. 2

RE: SJCPL

LaSalle Branch

TO: All Bidders and others to whom Plans and Specifications for the above referenced Project have been issued.

The items included in this Addendum are to become a part of the original Drawings and Project Manual as if included herein. Only these items are to be altered. The remainder of the original Drawings and Project Manual remain valid in their entirety.

SJCPL LaSalle Branch

DRAWINGS

Drawing No.	<u>Detail/Item</u>	Action
M-101	1	REVISE keynote 022312 to call out removal of existing equipment pad for condensing unit ACC-1.
M-201	1	REVISE keynote 236301 to provide new raised equipment pad for all new condensing units. ADD keynote to provide new raised equipment pad for existing condensing unit ACC-1.
M-401	1	ADD location of existing return grille for AHU-5.
M-401	3	ADD new ductwork and supply grille connected to AHU-5 to serve Mech 120. ADD keynote to rebalance existing return grille connected to AHU-5.
M-402	1	REVISE location of existing supply diffuser.
M-601	Air Terminal Sched.	ADD row for new supply diffuser SD.

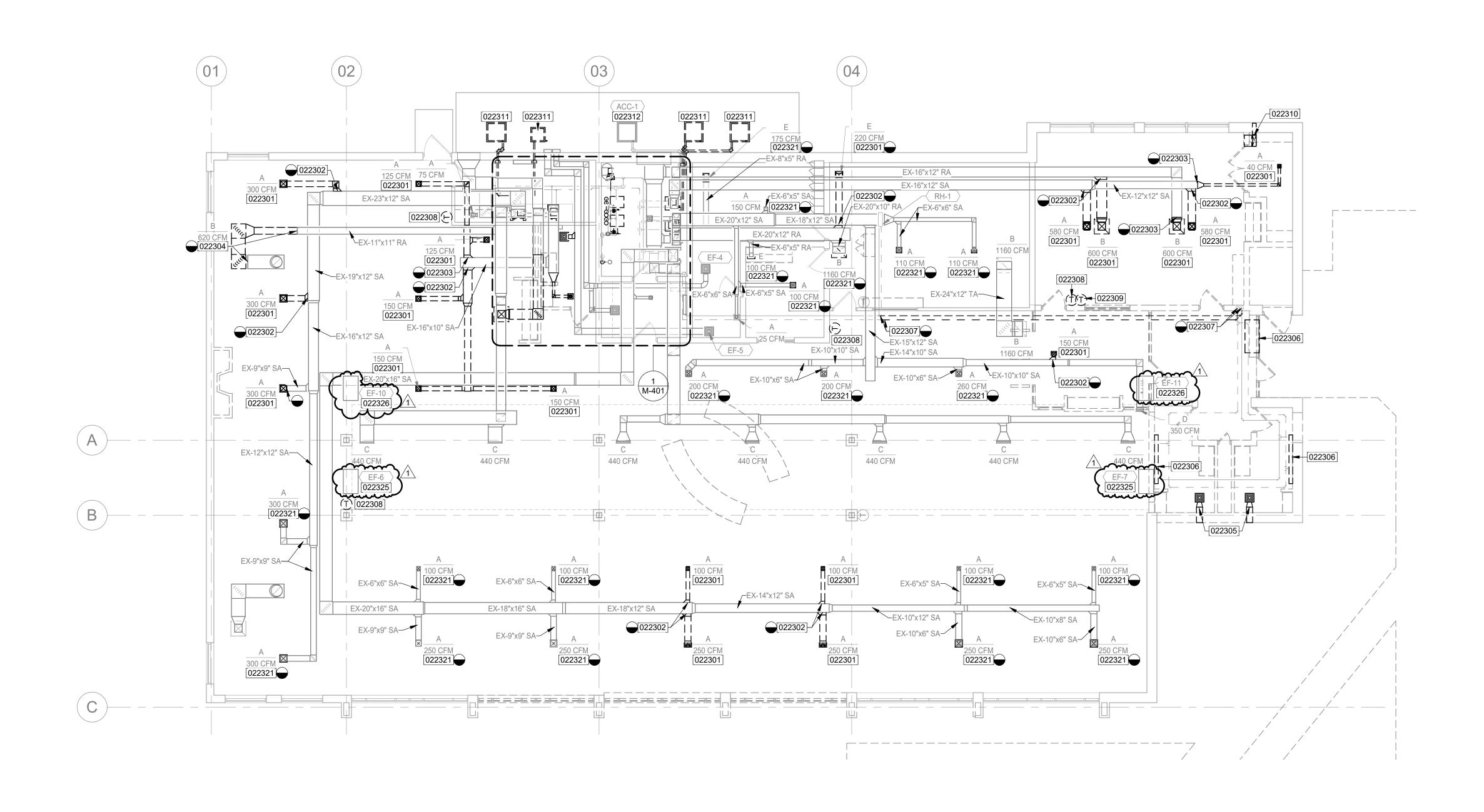
CLARIFICATIONS

1. I

ATTACHMENTS:

M-101, M-201, M-401, M-402, M-601

END OF ADDENDUM No. 2



FIRST FLOOR MECHANICAL REMOVAL PLAN 1 FIRST FLOOR M SCALE: 1/8" = 1'-0"

GENERAL NOTES

- ALTERNATES.
- B. REPLACE ALL EXISTING CONTROLLERS. CONNECT EXISTING AND NEW MECHANICAL EQUIPMENT TO EXISTING BUILDING MANAGEMENT SYSTEM "NIAGARA N4" PROVIDED BY TCS BUILDING CONTROLS. REFER TO 6/M-701.

KEYNOTES

REMOVE EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK AND ACCESSORIES TO POINT INDICATED

REMOVE EXISTING DUCTWORK BACK TO POINT 022302 INDICATED. PATCH EXISTING DUCT OPENING

022303 REMOVE EXISTING DUCTWORK BACK TO POINT

DISCONNECT AND REMOVE EXISTING RELIEF AIR

REMOVE EXISTING EXHAUST FAN AND ALL ASSOCIATED DUCTWORK AND CONTROLS. PATCH EXTERIOR WALL AS REQUIRED TO MATCH ADJACENT

REMOVE EXISTING HEATER AND ASSOCIATED 022306 CONTROLS AND HYDRONIC PIPING LOCATED ABOVE FLOOR. PERMANENTLY CAP AND ABANDON HYDRONIC

TO MATCH ADJACENT CONDITIONS

DISCONNECT AND REMOVE 022308

022309

022310 REMOVE EXISTING EXHAUST FAN AND ALL ASSOCIATED DUCTWORK. PATCH AND REPAIR

REMOVE EXISTING CONDENSING UNIT AND ASSOCIATED REFRIGERANT PIPING AND EQUIPMENT

DISCONNECT AND REMOVE EXISTING CONDENSING UNIT FROM REFRIGERANT PIPING AND CONTROLS FOR REINSTALLATION. REMOVE EXISTING EQUIPMENT PAD. REMOVE ALL EXTERIOR REFRIGERANT PIPING

EXISTING EXHAUST FAN LOCATED IN ATTIC



A. REFER TO G SHEETS AND M-001 FOR ADDITIONAL GENERAL NOTES AND INFORMATION. REFER TO SPECIFICATIONS FOR

INDICATED. EXISTING DUCT OPENING TO BE REUSED

022304 GRILLE AND ASSOCIATED DUCTWORK BACK TO POINT INDICATED. EXISTING GRILLE TO BE REUSED AND RELOCATED

CONDITIONS

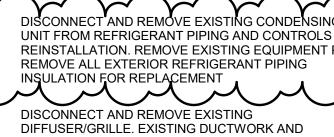
PIPING AT FINISHED FLOOR. PATCH FLOOR OPENINGS

REMOVE EXISTING HYDRONIC PIPING TO POINTS INDICATED. EXISTING HYDRONIC PIPING LOCATED IN WALL TO BE PERMANENTLY CAPPED AND ABANDONED IN PLACE. PERMANENTLY CAP OPEN ENDS OF PIPING

THERMOSTAT/TEMPERATURE SENSOR. EXISTING CONTROL WIRING TO BE REUSED

REMOVE EXISTING CONTROLLER FOR REMOVED EXHAUST FAN

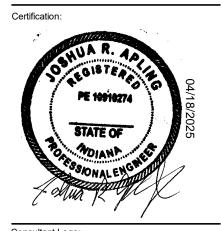
EXTERIOR WALL AS REQUIRED TO MATCH ADJACENT CONDITIONS



ACCESSORIES TO BE REUSED

EXISTING EXHAUST FAN LOCATED AT CLERESTORY





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Key Plan:

SCOPE OF WORK

ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED BY THIS DRAWING ARE CWINED BY, AND THE PROPERTY OF MIKIN ARCHITECTURE + DESIGN, AND WERE CREATED AND DEVELOPED FOR USE ON, AND IN CONNECTION WITH THIS SPECIFIC PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION WITH THIS PROJECT. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS AND FROM THE DIMENSIONS AND CONDITIONS ON THE SE DRAWINGS. SHOP DRAWINGS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE PROCEEDING DRAWINGS. SHOP DRAWINGS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE PROCEEDING WITH FABRICATION AND/OR INSTALLATION. THE WORK SHOWN ON THIS DOCUMENT, AND THE CORRESPONDING SPECIFICATIONS, INTERFACES WITH WORK SHOWN ON OTHER DOCUMENTS INCLUDING WORK TO BE PERFORMED BY OTHER CONTRACTORS OR SUBCONTRACTORS. EACH CONTRACTOR OR SUBCONTRACTORS, EACH CONTRACTOR OR SUBCONTRACTORS, WHETHER CONTRACTORS OR SUBCONTRACTORS, WHETHER OR NOT SHOWN ON THIS DOCUMENT, WHICH IMPACTS THE WORK SHOWN HEREIN AND SHALL COORDINATE SUCH WORK SO AS TO BE IN COMPLANCE WITH THE INTENT OF ALL THE PROJECT DOCUMENTS.



SJCPL - LASALLE **BRANCH**

RENOVATION & ADDITION 3233 ADRMORE TRAIL SOUTH BEND, IN 46628

04.10.2025 ADDENDUM 1 2 04.18.2025 ADDENDUM 2

DRAWING CONTENTS: FIRST FLOOR MECHANICAL

ISSUE DATE: PROJECT NO. 2561-4061-50 / 25004

REMOVAL PLAN

$\langle ACC-4 \rangle \langle ACC-5 \rangle$ 236301 236301 236301 236301 STUDY MECH. ROOM HALL ROOM 300 CFM 300 CFM EX-16"x12" RA EX-20"x10" RA RH-1 EX-6"x6" SA EX-16"x12" RA ROOM 16"x12" RA~ COLLECTION EX-14"x10" SA $^{-\!\!-}$ 9"x9" SA $_7$ 12"x12" TA-__8"x6" SA--⁄ 150 CFM EX-9"x9" SA-A C ENTRY COMMONS COLLECTION LOUNGE **PUBLIC PCs** 116 EX-12"x12" SA-B BOOK DROP COLLECTION SB 100 CFM SB 100 CFM 125 EX-6"x5" SA— EX-6"x6" SA-EX-10"x12" SA EX-20"x16" SA EX-18"x16" SA EX-18"x12" SA EX-14"x12" SA EX-9"x9" SA-EX-10"x6" SA-JUVENILE COLLECTION 128 <u>C</u> 20"x14" SA-MECH. _16"x14" RA_ __12"x12" SA MEETING ROOM 130 18"x12" SA || 18"x14" SA

1 MECHANICAL DUCTWORK INSTALLATION PLAN SCALE: 1/8" = 1'-0"

GENERAL NOTES

- A. REFER TO G SHEETS AND M-001 FOR ADDITIONAL GENERAL NOTES AND INFORMATION. REFER TO SPECIFICATIONS FOR ALTERNATES.
- B. REPLACE ALL EXISTING CONTROLLERS. CONNECT EXISTING AND NEW MECHANICAL EQUIPMENT TO EXISTING BUILDING MANAGEMENT SYSTEM "NIAGARA N4" PROVIDED BY TCS BUILDING CONTROLS. REFER TO 6/M-701.

KEYNOTES

236302

233101 CONNECT NEW DUCTWORK TO EXISTING DUCT OPENING. ADJUST OPENING AS NEEDED FOR NEW CONNECTION

233102 PROVIDE NEW OPENING ON EXISTING DUCTWORK TO CONNECT NEW DUCTWORK

233103 6"Ø SIDEWALL EXHAUST DISCHARGE. PROVIDE SIDEWALL VENT WITH RAIN HOOD AND BACKDRAFT

233104 24" LONG PLENUM. SLOPE BOTTOM OF PLENUM TO

LOUVER. PLENUM TO MATCH LOUVER SIZE

AWAY FROM EXHAUST AIR DEVICES

233703 PROVIDE FRONT OPERATED DAMPER

ADJUST EXISTING DUCTWORK AND PROVIDE NEW DUCTWORK AS NEEDED TO CONNECT NEW DIFFUSER/GRILLE TO EXISTING DUCTWORK

ALL SOURCES OF INTAKE AIR TO BE AT LEAST 10'

RECONNECT EXISTING CONDENSING UNIT TO REFRIGERANT PIPING AND CONTROLS. PROVIDE NEW

PROVIDE NEW RAISED EQUIPMENT PAD 3" TALLER

THAN EXISTING PADS FOR CONDENSING UNIT

RAISED EQUIPMENT PAD 3" TALLER THAN EXISTING PADS

CONNECT NEW AIR HANDLING UNIT TO NEW HYDRON

PIPING. PROVIDE MOTORIZED DAMPER ON OUTSIDE AIR DUCT CONNECTION TO RETURN AIR DUCTWORK. INTERCONNECT TO ASSOCIATED AIR HANDLING UNIT. REFER TO CONTROLS DRAWINGS FOR OUTSIDE AIR DAMPER OPERATION

MKM
architecture + design
435 E. Brackenridge Street

435 E. Brackenridge Street
Fort Wayne, Indiana 46802
P: 260.422.0783
www.MKMdesign.com





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STING Key Plan:

SCOPE OF WORK

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SJCPL - LASALLE BRANCH RENOVATION & ADDITION

RENOVATION & ADDITION 3233 ADRMORE TRAIL, SOUTH BEND, IN 46628

REVISION

 No.
 Date
 Revision

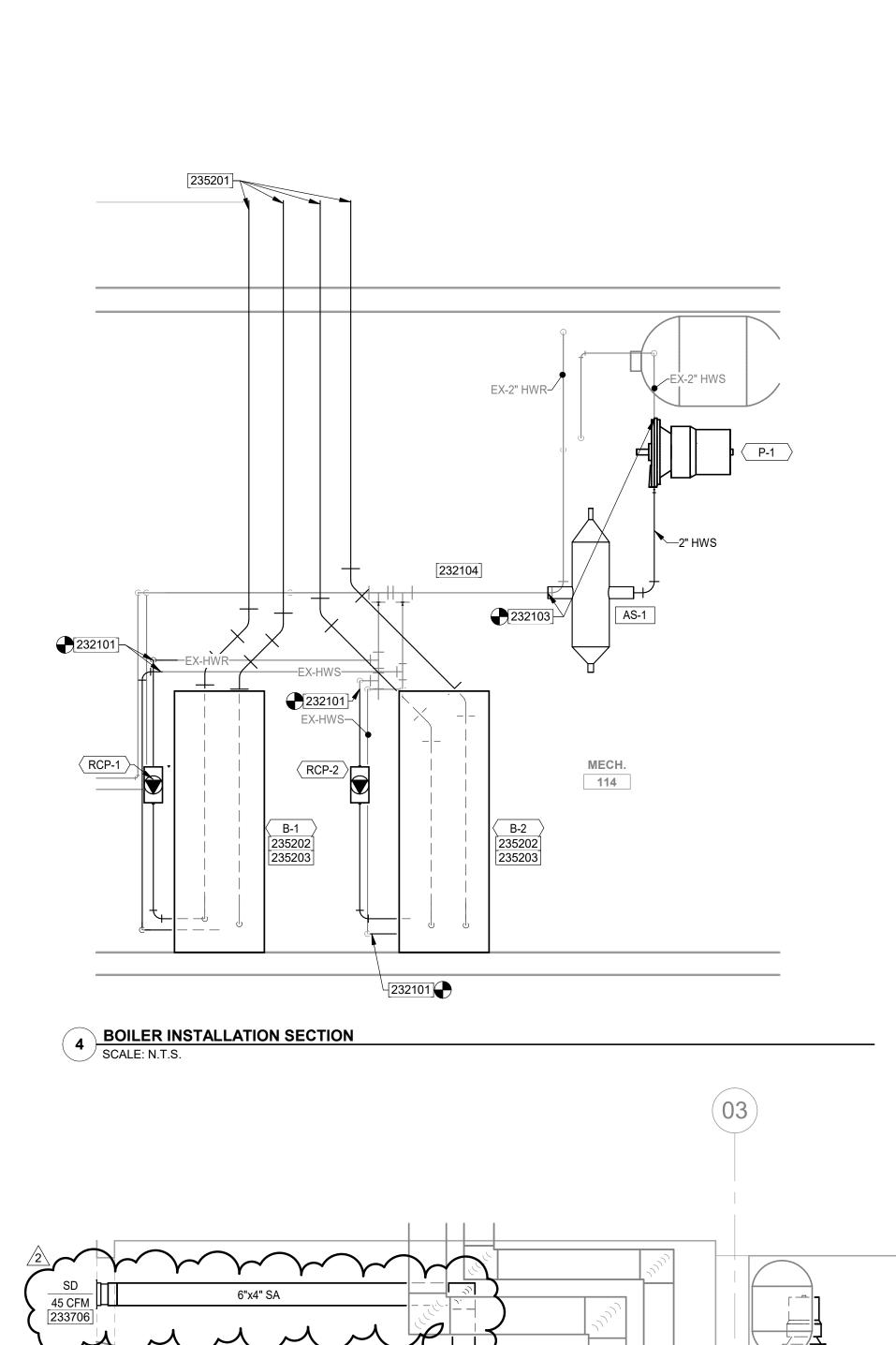
 1
 04.10.2025
 ADDENDUM 1

 2
 04.18.2025
 ADDENDUM 2

DRAWING CONTENTS:
FIRST FLOOR MECHANICAL
DUCTWORK PLAN

ISSUE DATE: PROJECT NO. 2561-4061-50 / 25004

M-201



EX-16"x10" OA

115

EX-16"x10" SA

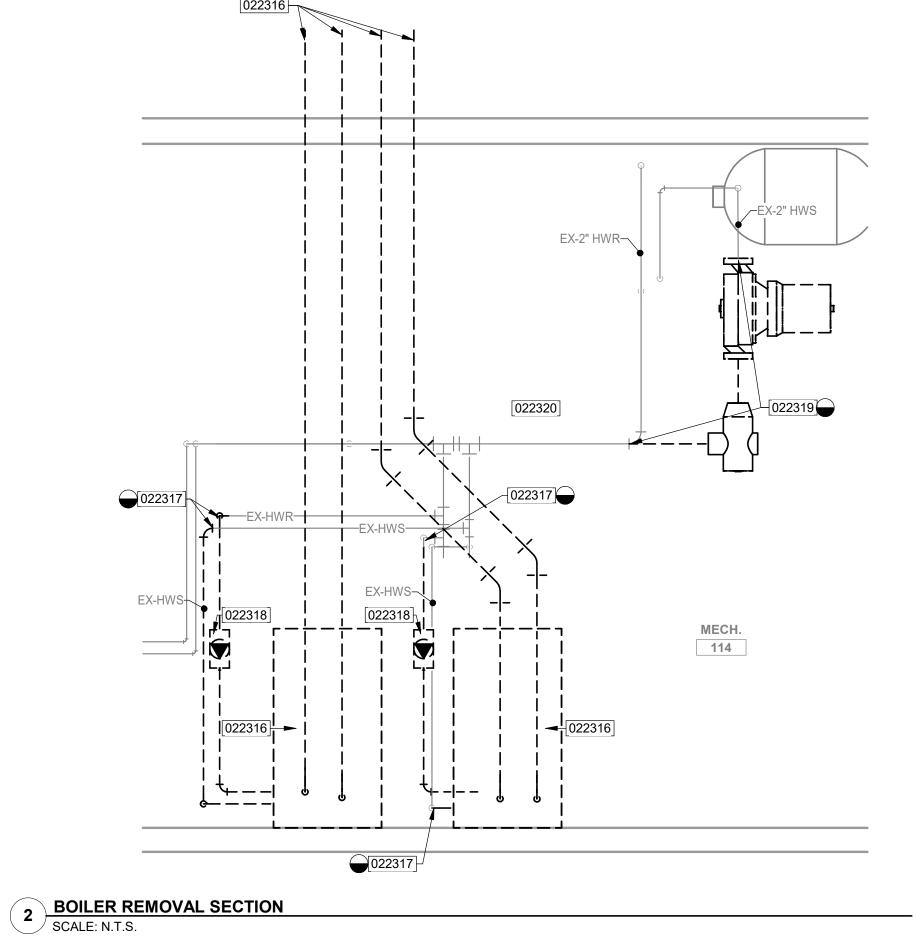
(EF-14)

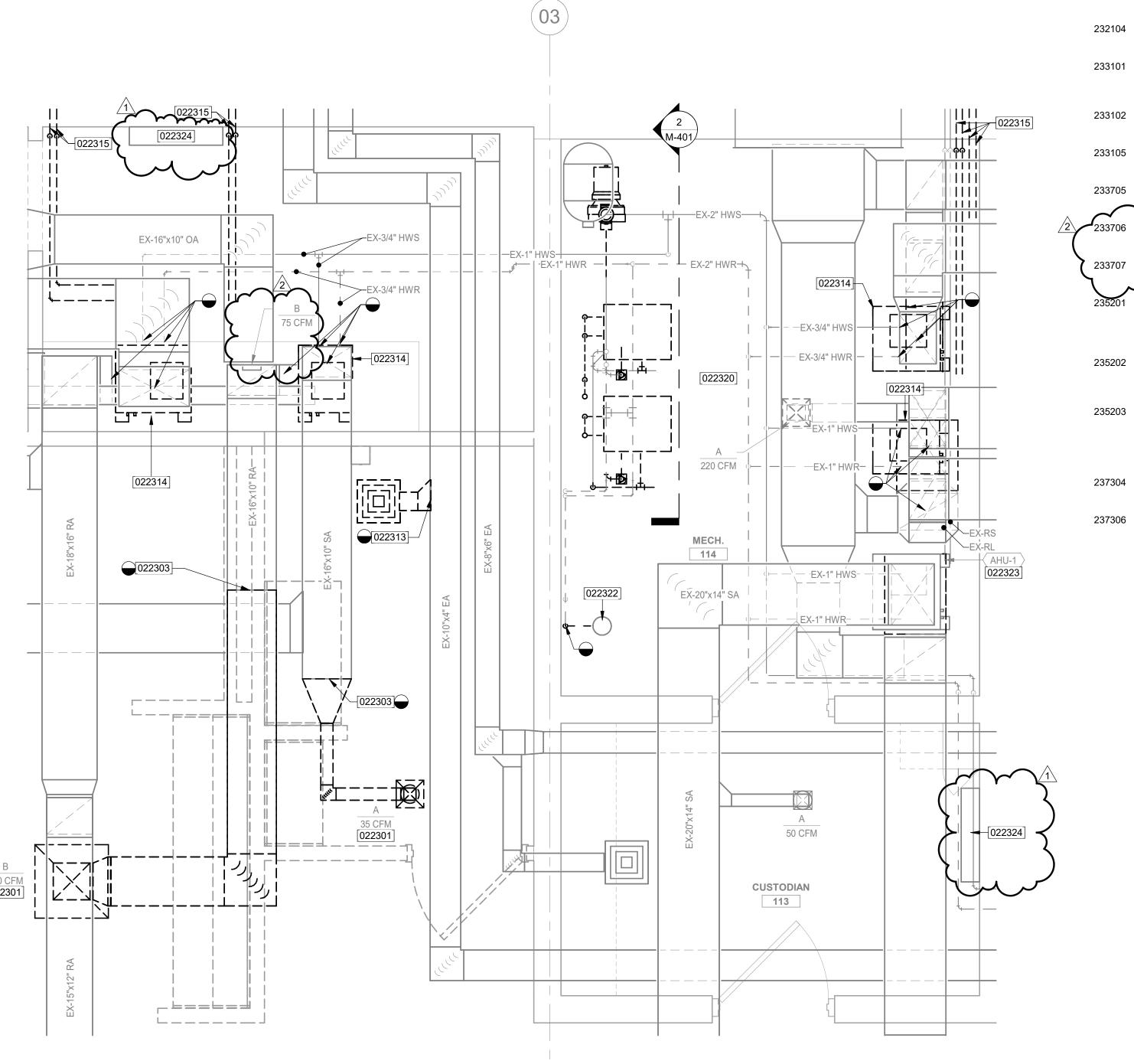
TOILET

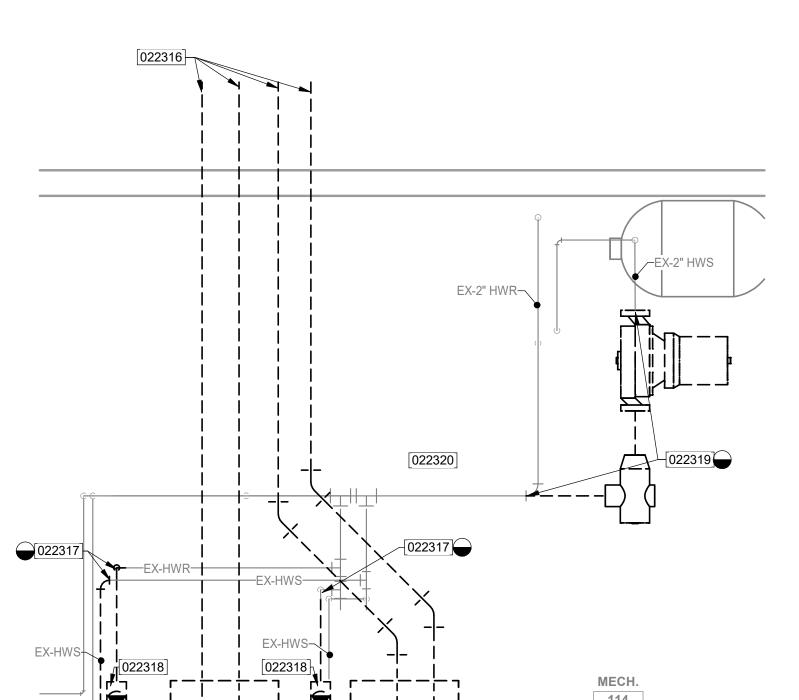
118

6"ø EA

EX-23"x12" SA







GENERAL NOTES

- A. REFER TO G SHEETS AND M-001 FOR ADDITIONAL GENERAL NOTES AND INFORMATION. REFER TO SPECIFICATIONS FOR ALTERNATES.
- B. REPLACE ALL EXISTING CONTROLLERS. CONNECT EXISTING AND NEW MECHANICAL EQUIPMENT TO EXISTING BUILDING MANAGEMENT SYSTEM "NIAGARA N4" PROVIDED BY TCS BUILDING CONTROLS. REFER TO 6/M-701.

KEYNOTES

REMOVE EXISTING DIFFUSER/GRILLE AND ASSOCIATED DUCTWORK AND ACCESSORIES TO POINT INDICATED

REMOVE EXISTING DUCTWORK BACK TO POINT INDICATED. EXISTING DUCT OPENING TO BE REUSED

022313 REMOVE EXISTING EXHAUST FAN AND ASSOCIATED CONTROLS AND DUCTWORK BACK TO POINT INDICATED. PATCH EXISTING DUCT OPENING

AIR DUCTWORK

022314 REMOVE EXISTING AIR HANDLING UNIT AND ASSOCIATED REFRIGERANT PIPING AND CONTROLLERS. DISCONNECT HYDRONIC PIPING FROM HEATING COIL AND TEMPORARILY CAP FOR FUTURE RECONNECTION. DISCONNECT SUPPLY AND RETURN

REMOVE ALL REFRIGERANT PIPING FOR ASSOCIATED AIR HANDLING UNIT. EXISTING WALL PENETRATION TO

REMOVE EXISTING BOILER AND ASSOCIATED COMBUSTION AND INTAKE FLUES. EXISTING ROOF

REMOVE HYDRONIC PIPING TO POINTS INDICATED. CONTRACTOR TO DOCUMENT EXISTING PIPE SIZES

AND TEMPORARILY CAP FOR FUTURE RECONNECTION

PENETRATIONS TO BE REUSED

REMOVE EXISTING BOILER CIRCULATING PUMP AND ASSOCIATED CONTROLS

DISCONNECT AND REMOVE EXISTING AIR SEPARATOR AND HYDRONIC SUPPLY PUMP FROM HYDRONIC PIPING. TEMPORARILY CAP PIPING FOR FUTURE RECONNECTION. DISCONNECT AIR SEPARATOR FROM EXISTING CEILING MOUNTED EXPANSION TANK AND TEMPORARILY CAP PIPING FOR FUTURE RECONNECTION

022320 REMOVE ALL HYDRONIC PIPING INSULATION LOCATED IN MECHANICAL ROOM FOR REPLACEMENT

> DISCONNECT EXISTING CHEMICAL FEEDER FROM HYDRONIC PIPING FOR RELOCATION. TEMPORARILY

CAP PIPING AND DOCUMENT EXISTING SIZES FOR RECONNECTION REPLACE EXISTING CONTROLLERS FOR EXISTING AIR

CONNECT NEW HYDRONIC SUPPLY AND RETURN PIPING TO EXISTING HYDRONIC PIPING. MATCH

EXISTING PIPE SIZES

PROVIDE NEW HYDRONIC PIPING AS NEEDED TO CONNECT NEW AIR SEPARATOR AND HYDRONIC SUPPLY PUMP TO EXISTING HYDRONIC PIPING. CONNECT NEW AIR SEPARATOR TO EXISTING CEILING MOUNTED EXPANSION TANK. MATCH EXISTING PIPE

PROVIDE NEW INSULATION FOR ALL HYDRONIC PIPING LOCATED IN MECHANICAL ROOM

CONNECT NEW DUCTWORK TO EXISTING DUCT OPENING. ADJUST OPENING AS NEEDED FOR NEW

PROVIDE NEW OPENING ON EXISTING DUCTWORK TO CONNECT NEW DUCTWORK

CONNECT EXHAUST DUCT FOR NEW EXHAUST FAN TO EXISTING EXHAUST DUCTWORK

BALANCE EXISTING DIFFUSER TO MATCH NEW CFM

SUPPLY GRILLE TO BE MOUNTED ABOVE WALL BALANCE EXISTING RETURN GRILLE TO MATCH NEW

NEW BOILERS SIZED AND INSTALLED PER MANUFACTURER REQUIREMENTS. REUSE EXISTING ROOF PENETRATIONS AND ADJUST AS NEEDED

ADJUST EXISTING CONCRETE PADS AS NEEDED TO

CONNECT NEW BOILERS AND ALL ASSOCIATED CONTROLS AND PUMP CONTROLS TO EXISTING BUILDING MANAGEMENT SYSTEM

MOUNT NEW BOILERS IN COMPLIANCE WITH CLEARANCE REQUIREMENTS. PROVIDE CONDENSATE NETRALIZATION KIT FOR NEW BOILER. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN

PROVIDE NEW DUCTWORK AS NEEDED TO CONNECT NEW AIR HANDLING UNIT TO EXISTING DUCTWORK

REBALANCE AIR HANDLING UNIT TO MATCH EXISTING AND NEW CFMS SHOWN ON DRAWINGS

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Fort Wayne, Indiana 46802

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Certification:

Key Plan:

SCOPE OF WORK

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SJCPL - LASALLE **BRANCH** RENOVATION & ADDITION

3233 ADRMORE TRAIL SOUTH BEND, IN 46628

04.10.2025 ADDENDUM 1 2 04.18.2025 ADDENDUM 2

DRAWING CONTENTS: MECHANICAL ENLARGED PLANS - 1

ISSUE DATE: PROJECT NO. 2561-4061-50 / 25004

M-401

ENLARGED MECHANICAL ROOMS DUCTWORK INSTALLATION PLAN SCALE: 1/2" = 1'-0"

237304

6"ø EA

⟨ EF-12 ⟩

TOILET 117

50 CFM

6"ø RA

EX-16"x12" RA

EX-16"x12" SA

- ₩ = EX-20"x12" RA

237306

RCP-2

RCP-1

114

110 CFM 233705

EX-20"x14" SA

113

ENLARGED MECHANICAL ROOMS MECHANICAL REMOVAL PLAN 1 REMOVAL PLA SCALE: 1/2" = 1'-0"

MECH. 119 -+_- - - - EX-1" HWR- - → EX-3/4" HWR EX-3/4" HWS — EX-3/4" HWR − AHU-4 232301 237305 230906 AHU-5 232301 ----EX-1" HWS----STORAGE MECH. 115 114 **ENLARGED MECHANICAL ROOMS MECHANICAL** PIPING INSTALLATION PLAN

- A. REFER TO G SHEETS AND M-001 FOR ADDITIONAL GENERAL NOTES AND INFORMATION. REFER TO SPECIFICATIONS FOR ALTERNATES.
- B. REPLACE ALL EXISTING CONTROLLERS. CONNECT EXISTING AND NEW MECHANICAL EQUIPMENT TO EXISTING BUILDING MANAGEMENT SYSTEM "NIAGARA N4" PROVIDED BY TCS BUILDING CONTROLS. REFER TO 6/M-701.

KEYNOTES

232301

233701

PROVIDE NEW CONTROLLERS FOR NEW AIR HANDLING UNIT. CONNECT NEW AIR HANDLING UNIT AND ASSOCIATED CONTROLS TO EXISTING BUILDING MANAGEMENT SYSTEM. REFER TO 6/M-701 FOR ALL CONTROL POINTS

PROVIDE NEW CONTROLLERS FOR EXISTING AIR HANDLING UNIT. RECONNECT EXISTING AIR HANDLING UNIT AND ASSOCIATED CONTROLS TO EXISTING BUILDING MANAGEMENT SYSTEM. REFER TO 6/M-701 FOR ALL CONTROL POINTS

230908 EXISTING TEMPERATURE CONTROL PANEL ENCLOSURE TO BE REUSED

RELOCATED CHEMICAL FEEDER. PROVIDE NEW HYDRONIC PIPING AS NEEDED TO RECONNECT TO EXISTING PIPING. MATCH EXISTING PIPE SIZES

GPM INDICATED

232106 CONNECT NEW HYDRONIC SUPPLY AND RETURN PIPING TO EXISTING HYDRONIC PIPING. PROVIDE NEW

FITTINGS AS NEEDED CONTRACTOR TO BALANCE EXISTING EQUIPMENT TO 232107

> PROVIDE NEW REFRIGERANT PIPING BETWEEN AIR HANDLING UNIT AND CONDENSING UNIT ROUTED AND SIZED PER MANUFACTURER REQUIREMENTS. EXISTING

CONNECT NEW DUCTWORK TO EXISTING DUCT OPENING. ADJUST OPENING AS NEEDED FOR NEW

WALL PENETRATION TO BE REUSED

PROVIDE NEW OPENING ON EXISTING DUCTWORK TO CONNECT NEW DUCTWORK

233106 PROVIDE DRAIN PAN BELOW DUCTWORK TO PROTECT RELOCATED IT RACK

RELOCATED RELIEF AIR GRILLE. PROVIDE NEW

DUCTWORK AS NEEDED FOR RECONNECTION TO EXISTING DUCTWORK

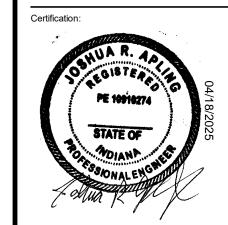
PROVIDE NEW HYDRONIC PIPING AS NEEDED TO 237305 CONNECT NEW AIR HANDLING UNIT HOT WATER COIL TO EXISTING HYDRONIC PIPING. CONFIRM EXISTING SIZES OF PIPING FOR RECONNECTION

GENERAL NOTES

architecture + design

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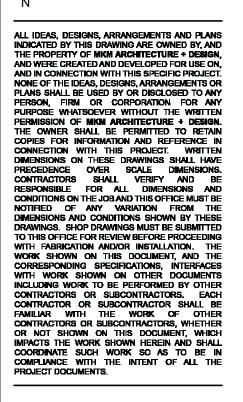


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Key Plan: SCOPE OF WORK





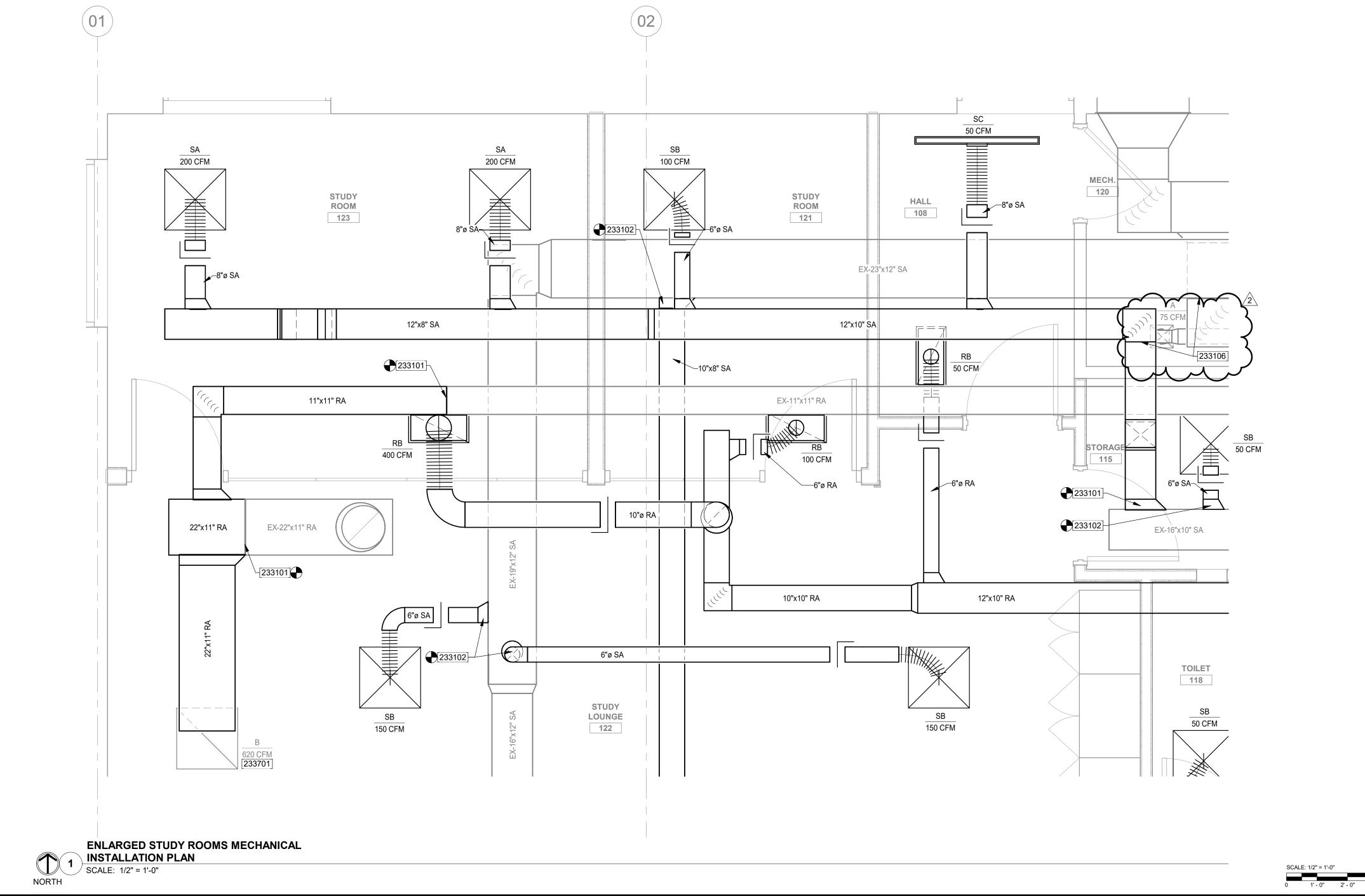


3233 ADRMORE TRAIL SOUTH BEND, IN 46628

> No.
> Date
> Revision
>
>
> 1
> 04.10.2025
> ADDENDUM 1
> 2 04.18.2025 ADDENDUM 2

DRAWING CONTENTS: MECHANICAL ENLARGED PLANS - 2

ISSUE DATE: PROJECT NO. 2561-4061-50 / 25004



PIPING INSTALL
SCALE: 1/2" = 1'-0"

					مر ر																
						IN	DOOR AI	R HAND	LING UN	IIT W/ H	YDRONI	C HEATI	NG SCHED	ULE							
TAG			С	FM		UNIT ELEC	TRICAL PARA	AMETERS		D	X COOLING	COIL				НО	T WATER CO	OIL			
									AIR TEMP	ERATURE F)	TOTAL	SENSIBLE		WA ⁻ TEMPERA		AIR TEMP	_\	REQUIRED			
						VOLTAGE/			ENTE	RING	_		REFRIGERANT			ENTERING		HEATING		MAX WPD	
	MANUFACTURER	MODEL	TOTAL	MIN. O.A.	ESP (IN WG)	PHASE	MCA	MOCP	DRY BULB	WET BULB	(MBH)	(MBH)	TYPE	ENTERING	LEAVING	DB	DB	(MBH)	GPM	(FT) (NOTES
AHU 2	CARRIER	42HCXW302	1555	305	0.5	230/1	13.38	15	79.9	64.2	40.9	31.0	R-454B	180	145	48.3	77.2	34.0	2.0	1	1,2,3,4,5,6,7,8,11
AHU 3	CARRIER	36HCXW302	△ 1075	175	0.5	230/1	10.63	15	77.4	62.1	34.8	29.5	R-454B	180	145	58.4	80.8	25.9	1.5	1	1,2,3,4,5,6,7,8,11
AHU 4	CARRIER	60HCXW302	2 1500	400	0.5	230/1	14.38	15	79.2	63.9	51.5	39.0	R-454B	180	145	65.0	93.7	41.3	2.5	1	1,2,3,4,5,6,7,9,11
AHU 5	CARRIER	24HCXW302	720	180	0.4	230/1	6.38	15	78.9	64.2	22.8	16.9	R-454B	180	145	65.0	99.0	20.1	1.5	1	1,2,3,4,5,6,7,9,11
AHU 6	CARRIER	60HCXW302	1700	225	0.5	230/1	14.38	15	76.8	62.2	52.2	45.3	R-454B	180	145	59.3	75.3	31.0	2	1	1,2,3,4,5,6,7,10,11
AHU 7	CARRIER	48HCXW302	1310	225	0.5	230/1	13.38	15	76.8	62.2	43.7	34.6	R-454B	180	145	59.3	75.3	21.0	1.5	1	1,2,3,4,5,6,7,10,11

NOTES:

1. FURNISH WITH INTEGRAL STARTER.
2. CONNECT TO EXISTING BUILDING MANAGEMENT SYSTEM.
3. ROUTE CONDENSATE TO NEAREST FLOOR DRAIN.
4. REFER TO DETAIL 2/M-501.
5. REFER TO DETAIL 3/M-501.
6. REFER TO DETAIL 4/M-501.
7. REFER TO DETAIL 12/M-501.
8. REFER TO 2/M-701 FOR CONTROLS.
9. REFER TO 3/M-701 FOR CONTROLS.
10. REFER TO 4/M-701 FOR CONTROLS.
11. REFER TO 6/M-701 FOR CONTROLS.

4. REFER TO 6/M-701 FOR CONTROLS.

REFER TO DETAIL 1/M-701.

8. REFER TO 6/M-701 FOR CONTROLS.

					AIR C	OOLED C	CONDE	ENSING L	JNIT SCI	HEDULE	.				
TA	١G					DESIGN				Е	LECTRICAL DATA	A			
		MANUFACTURER	MODEL	EQUIPMENT SERVED	NOMINAL TONS	AMBIENT TEMP. (°F)	SEER	REF. TYPE	VOLTAGE	PHASE	FREQUENCY (HZ)	MCA	MOCP	WEIGHT (LBS)	NOTES
ACC	2	CARRIER	26SCA442N003	AHU-2	3.5	95.0	13.4	R-454B	230	1	60	19.8	30	173	1,2,3,4
ACC	3	CARRIER	26SCA436N003	AHU-3	3.0	95.0	13.4	R-454B	230	1	60	17.5	30	134	1,2,3,4
ACC	4	CARRIER	26SCA460N003	AHU-4	5.0	95.0	13.4	R-454B	230	1	60	31.1	50	184	1,2,3,4
ACC	5	CARRIER	26SCA424N003	AHU-5	2.0	95.0	13.4	R-454B	230	1	60	12.1	20	120	1,2,3,4
ACC	6	CARRIER	26SCA460N003	AHU-6	5.0	95.0	13.4	R-454B	230	1	60	31.1	50	184	1,2,3,4
ACC	7	CARRIER	26SCA448N003	AHU-7	4.0	95.0	13.4	R-454B	230	1	60	22.7	40	174	1,2,3,4

NOTES:

1. FURNISH WITH INTEGRAL STARTER.
2. PROVIDE CRANKCASE HEATER, LOW-AMBIENT KIT, WINTER START KIT, HAIL GUARD AND WIND BAFFLE.
3. REFER TO DETAIL 2/M-501. SIZE REFRIGERANT PIPING PER MANUFACTURER RECOMMENDATION.

				HYD	RONIC PU	JMP SCI	HEDULE				
TAC	G							EL	ECTRICAL	DATA	
						MOTOR	MOTOR			FREQUENCY	
		MANUFACTURER	MODEL	GPM	HEAD (FT)	HP	RPM	VOLTAGE	PHASE	(HZ) (NOTES R
Р	1	BELL & GOSSETT	ECOCIRC XL 55-45	25	30	1/2	3855	230	1	60	1,2,3,4,5,6
NOTES:		STARTER/DISCONNECT	DED DIVISION 36 SDEC	VILICATIONS.							
		E STARTER/DISCONNECT I O DETAIL 9/M-501.	ZEK DIVISION 26 SPEC	JIFICATIONS.	\(\)						

2. REFER TO DETAIL 9/M-501.
3. REFER TO DETAIL 10/M-501.
4. REFER TO DETAIL 1/M-701.
5. REFER TO DETAIL 6/M-701.
6. CONNECT TO EXISTING BUILDING MANAGEMENT SYSTEM.

				ECN	1 HYDRC	NIC PUI	MP SCH	EDULE				
TA	G					MIN	MAX	EL	ECTRICAL I	DATA		
						POWER	POWER			FREQUENCY	WEIGHT	
		MANUFACTURER	MODEL	GPM	HEAD (FT)	(WATTS)	(WATTS)	VOLTAGE	PHASE	(HZ)	(LBS)	NOTES
RCP	1	GRUNDFOS	UPMXL 25-124	16	30	25	180	230	1	60	9	1,2,3,4,5,6
RCP	~2	GRUNDFOS	UPMXL 25-124	16	30	25	180	230	1	60	9	1,2,3,4,5,6
2. RE	OVIDI FER 1	E STARTER/DISCONNECT TO DETAIL 9/M-501.	PER DIVISION 26 SPE	ECIFICATIONS.								كريك

				E	XHAUS	T FAN SCHE	EDULE						
TA	G				AIRFLOW	EXTERNAL SP	MOTOR		ELE	CTRICAL DA	ATA	WEIGHT	
		MANUFACTURER	MODEL	TYPE	(CFM)	(IN WG)	(RPM)	WATTS	VOLTAGE	PHASE	FLA	(LBS)	NOTES
EF	12	GREENHECK	SP-B110ES	DIRECT DRIVE CEILING MOUNTED	70	0.51	650	30	115	1	0.27	10	1,2,3,4
EF	14	GREENHECK	SP-B110ES	DIRECT DRIVE CEILING MOUNTED	70	0.51	650	30	115	1	0.27	10	1,2,3,4
EF	15	GREENHECK	SP-B110ES	DIRECT DRIVE CEILING MOUNTED	70	0.51	650	30	115	1	0.27	10	1,2,3,4

- NOTES:

 1. MANUFACTURER PROVIDED STARTER/DISCONNECT PER DIVISION 26 SPECIFICATIONS.
- FLUSH CEILING MOUNTED EXHAUST FAN.
 PROVIDE BACKDRAFT DAMPER ON OUTLET DUCT COLLAR.
 REFER TO 6/M-701 FOR CONTROLS.

CONNECT TO EXISTING BUILDING MANAGEMENT SYSTEM.

				ELECTI	RIC WAL	L HEATE	ER			
TA	G			CAPACITY	AIRFLOW	MOUNTING HEIGHT	ELE	CTRICAL D	ATA	
		MANUFACTURER	MODEL	(MBH)	(CFM)	(A.F.F.)	VOLTAGE	PHASE	KW	NOTES
EWH	1	QMARK	AWH3150F	5.12	100	8"	120	1	1.5	1,2

NOTES:

1. RECESSED UNIT. PROVIDE INTEGRAL THERMOSTAT WITH LABEL, THERMAL OVERLOAD PROTECTION, BUILT-IN DISCONNECT SWITCH AND FAN DELAY

2. MOUNTING HEIGHTS ARE MEASURED FROM FLOOR TO BOTTOM OF UNIT.

			ELECT	RIC UNIT	ГНЕАТЕ	R SCHE	DULE			
TA	G			CAPACITY	AIRFLOW		ELECTRIC	CAL DATA		
		MANUFACTURER	MODEL	(MBH)	(CFM)	VOLTAGE	PHASE	KW	AMPS	NOTES
CUH	1	QMARK	CDF542	6.8	300	240	1	2	9.6	1,2,
NOTES										

1. PROVIDE INTEGRAL THERMOSTAT, THERMAL OVERLOAD PROTECTION, BUILT-IN DISCONNECT SWITCH AND FAN DELAY SWITCH.
2. CEILING MOUNTED UNIT. PROVIDE RECESS MOUNTING ENCLOSURE. PROVIDE WITH WIDE AIRFLOW PATTERN.

			LOU\	/ER SCI	HEDULE				
TAG	MANUFACTURER	MODEL	DESIGNATION	WIDTH / HEIGHT (IN.)	FREE AREA (SQ FT)	CFM	VELOCITY (FPM)	MOUNTING HEIGHT	NOTES
L-1	GREENHECK	EHH-401	INTAKE	30" / 14"	0.9	450	499	9'-6"	1.2.3.4.5

NOTES:

1. LOUVER COLORS TO MATCH ADJACENT WALL SYSTEM, SELECTED BY ARCHITECT FROM FULL RANGE.

PROVIDE INSECT SCREEN.
 REFER TO DETAIL 7/M-501.

INTAKE LOUVER TO BE LOCATED AT LEAST 10' AWAY FROM ANY EXHAUST OUTLET OR SOURCE.
 PROVIDE 24" PLENUM IN FRONT OF THE LOUVER AS INDICATED ON THE PLANS. SLOPE BOTTOM OF THE PLENUM TO THE LOUVER.

						AIR TERMINAL SCHEDULE						
			CFM	PANEL	NECK				PRESSURE			
TAG	MANUFACTURER	MODEL	RANGE	SIZE (IN)	SIZE (IN)	STYLE	INSTALLATION	FINISH	(IN.)	NC	THROW	NOTES
RA	TITUS	355RL	0-1875	24" X 24"	-	STEEL LOUVERED GRILLE, 1/2" BLADE SPACING	CEILING SURFACE/LAY-IN MOUNT	WHITE POWDER COAT	0.071	<20	-	1,3
RB	TITUS	355RL	0-900	24" X 12"	-	STEEL LOUVERED GRILLE, 1/2" BLADE SPACING	CEILING SURFACE/LAY-IN MOUNT	WHITE POWDER COAT	0.071	<20	-	1,3
SA	TITUS	TMS	0-315	24" X 24"	8"	SQUARE 3-CONE	CEILING SURFACE/LAY-IN MOUNT	WHITE POWDER COAT	0.062	26	13	1,3
SB	TITUS	TMS	0-200	24" X 24"	6"	SQUARE 3-CONE	CEILING SURFACE/LAY-IN MOUNT			28	11	1,3
SC	TITUS TO	戶 打-10 ~ ~	0-300	48" LENGTH	8"	LINEAR 2 SLOT DIFFUSER, 1" SLOT	CEILING SURFACE/LAY-IN MOUNT	WHITE POWDER COAT	0.099	23	21~	13~
SĎ	TITUS	300RL	0-50	6" X 6"	STEE	EL 22.5 DEGREE DEFLECTION GRILLE. 3/4" BLADE SPACING	WALL MOUNT	WHITE POWDER COAT	0.018	<20	1 11	1,3
		CONTRICT CON	<u> </u>	12" × 12"	min	STEEL LOUVERED GRILLE, 172" BLADE SPACING	CEILING SURFACE/LAY-IN MOUNT	WHITE POWDER COAT	0.071	<20	min	1,2,3

2. REFER TO DETAIL 10/M-501.

NOTES:
1. COORDINATE FINAL MOUNTING TYPE OF ALL DIFFUSERS, REGISTERS, AND GRILLES WITH ARCHITECTURAL ROOM FINISH SCHEDULE.

REFER TO DETAIL 8/M-501.
 ARCHITECT TO SELECT FINISH FROM MANUFACTURER'S FULL RANGE OF COLORS. INCLUDE FULL RANGE OF COLOR OPTIONS WITH SUBMITTAL.

			AIR S	EPARATOR	SCHEDULE		
TA	٩G	MANUFACTURER	MODEL	MAX FLOW (GPM)	PRESSURE DROP (FT WG)	SYSTEM SERVED	NOTES
S	1	BELL & GOSSETT	CRSN-2F	62	0.27	HEATING HOT WATER	1,2

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2211 E. Jefferson Blvd. South Bend, Indiana 46615

P: 574.263.4400

www.dlz.com

Key Plan:

435 E. Brackenridge Street Fort Wayne, Indiana 46802

P: 260.422.0783 www.MKMdesign.com

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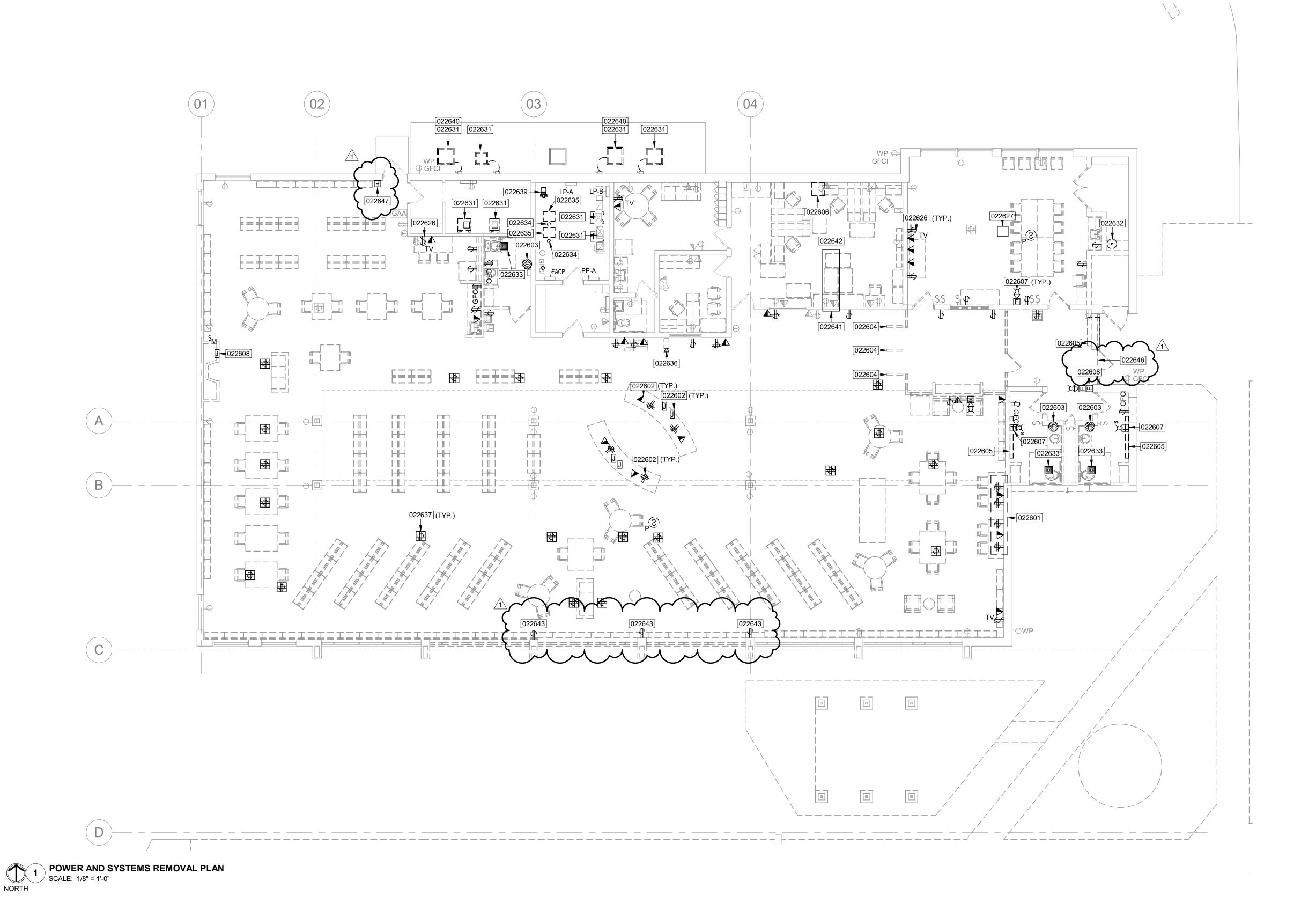
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SOUTH BEND, IN 46628

	F	REVISION
No.	Date	Revision
1	04.10.2025	ADDENDUM 1
2	04.18.2025	ADDENDUM 2

DRAWING CONTENTS:
MECHANICAL EQUIPMENT
SCHEDULES

ISSUE DATE: PROJECT NO. 2561-4061-50 / 25004 DRAWING NO.

M-601



GENERAL NOTES:

- A. REFER TO SHEETS G1.1 AND E0.1 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.
- B. REFER TO ARCHITECTURAL PLANS FOR DETAILED NOTES AND EXTENT OF DEMOLITION WORK. COORDINATE WITH OTHER TRADES TO DISCONNECT POWER TO CIRCUITS IMPACTED BY DEMOLITION ACTIVITY AND TO PROPERLY PROTECT ELECTRICAL EQUIPMENT THAT MUST REMAIN.
- C. PRIOR TO CONSTRUCTION, FIELD VERIFY EXISTING CONDITIONS AND IDENTIFY/CONFIRM SOURCE PANEL AND CIRCUIT BREAKER FOR ELECTRICAL ITEMS IMPACTED BY CONSTRUCTION. EXISTING CIRCUIT NUMBERS SHOWN ON THIS PLAN ARE BASED ON ORIGINAL BUILDING DRAWINGS DATED 2007 AND NOTATIONS IDENTIFIED DURING SITE VISITS MAY NOT BE ACCURATE AND COMPLETE. NOT ALL EXISTING ELECTRICAL ITEMS ARE SHOWN ON THIS PLAN.
- D. BOLD AND DASHED LINES INDICATED EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED. REMOVE ASSOCIATED ELECTRICAL ITEMS (BOXES, CABLING. CONDUIT, SUPPORTS, DISCONNECTS, ETC.) COMPLETE BACK TO POWER AND/OR SIGNAL SOURCE OR TO NEAREST REMAINING DEVICE U.O.N. MODIFY CIRCUITS AS NEEDED TO MAINTAIN POWER/CONTROLS TO EXISTING DEVICES TO
- E. ELECTRICAL ITEMS WITH SHADED (HALF-TONE) LINES INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN.
- F. FOR OUTLETS TO BE REMOVED, EXISTING CONDUIT AND WIRING MAY BE REUSED AND MODIFIED/EXTENDED TO NEW DEVICES IN SAME AREA. REFER TO E201 FOR NEW DEVICES AND CIRCUITS.
- G. FOR OUTLETS IN EXISTING WALLS TO BE DEMOLISHED, REMOVE OUTLET, DEVICE AND ASSOCIATED BOXES, RACEWAYS AND CABLES COMPLETE FROM WALL BACK TO SOURCE OR NEAREST REMAINING DEVICE/EQUIPMENT/FIXTURE ON SAME CIRCUIT.
- H. FOR OUTLETS TO BE REMOVED FROM EXISTING TO REMAIN WALLS, REMOVE DEVICE AND ASSOCIATED WIRING BACK TO SOURCE OR NEATEST REMAINING DEVICE/EQUIPMENT/FIXTURE ON SAME CIRCUIT. BACKBOX MAY REMAIN IF USED FOR NEW DEVICE OR OUTLET IN SAME LOCATION. OTHERWISE REMOVE BOX AND PATCH AND REPAIR WALL TO MATCH ADJACENT SURFACES. BLANK BOX COVERS ARE NOT ACCEPTABLE UNLESS SPECIFICALLY APPROVED BY ARCHITECT AND OWNER.
- FOR ALL DEVICES SHOWN TO REMAIN, REPLACE EXISTING DEVICE
- REMOVE ALL EXISTING SMOKE DETECTORS (NOT SHOWN) IN BUILDING FOR REPLACEMENT WITH NEW DEVICES. EXISTING CABLING TO BE REUSED, UNLESS NOTED OTHERWISE FOR RELOCATED DEVICES. WORK INCLUDES

KEYNOTES

- 022601 REMOVE WALL MOUNTED WIREWAY AND ALL RECEPTACLES AND DATA OUTLETS WITHIN WIREWAY. REMOVE CONDUCTORS AND CABLING BACK TO SOURCE OR TO LAST ACTIVE DEVICE ON CIRCUIT.
- 022602 REMOVE DEVICES, BACKBOXES AND CONDUITS COMPLETE DOWN TO FLOOR. EXISTING BOX AND CONDUIT ARE INSTALLED WITHIN BASE OF WORKDESK.
- 022603 REMOVE HAND DRYER AND ASSOCIATED ELECTRICAL BACK TO SOURCE.
- 022604 RFID GATE TO BE REMOVED. DISCONNECT GATE AND REMOVE ELECTRICAL FLOOR BOX AND ASSOCIATED ELECTRICAL BACK TO SOURCE.
- DISCONNECT EXISTING WALL MOUNTED HEATER AND MAKE SAFE FOR REMOVAL BY OTHERS. REMOVE ALL ASSOCIATED DEVICES, CONDUIT AND CONDUCTORS BACK TO SOURCE.
- 022606 REMOVE EXISTING NETWORK CABINET. SALVAGE FOR RELOCATION.
- REMOVE AND SALVAGE EXISTING FIRE ALARM DEVICE FOR
- 022608 REMOVE FIREPLACE DEVICES, BACKBOXES, AND ALL ASSOCIATED CONDUIT AND CONDUCTORS BACK TO
- 022626 REMOVE EXISTING TV OUTLETS, WIREMOLD, AND ALL ASSOCIATED ELECTRICAL BACK TO SOURCE OR LAST ACTIVE DEVICE ON CIRCUIT.
- 022627 REMOVE AND SALVAGE EXISTING WIRELESS ACCESS POINT FOR RE-INSTALLATION IN SAME LOCATION.
- DISCONNECT EXISTING UNIT TO MAKE SAFE FOR REMOVAL BY OTHERS. REMOVE FLEXIBLE CONDUIT AND WIRING FROM DISCONNECT SWITCH TO UNIT.
- DISCONNECT EXISTING WATER HEATER TO MAKE SAFE FOR REMOVAL BY OTHERS. REMOVE ALL CONDUCTORS AND CONDUIT BACK TO SOURCE.
- DISCONNECT EXISTING EXHAUST FAN TO MAKE SAFE FOR REMOVAL BY OTHERS. REMOVE ALL CONDUCTORS AND CONDUIT BACK TO SOURCE.
- 022634 DISCONNECT EXISTING RECIRC PUMP TO MAKE SAFE FOR REMOVAL BY OTHERS. REMOVE FLEXIBLE CONDUIT AND WIRING FROM DISCONNECT SWITCH TO UNIT. REMOVE CONDUCTORS BACK TO SOURCE.
- 022635 DISCONNECT EXISTING BOILER TO MAKE SAFE FOR REMOVAL BY OTHERS. CONDUCTORS AND CONDUIT TO REMAIN FOR CONNECTION TO NEW BOILER. REMOVE FLEXIBLE CONDUIT AND WIRING FROM DISCONNECT SWITCH TO UNIT.
- 022636 REMOVE AND SALVAGE EXISTING DEVICE FOR REUSE. CABLING TO REMAIN FOR REINSTALL.
- 022637 REMOVE FLOOR BOX COVER, POWER/DATA DEVICES AND ALL CABLING FROM FLOOR BOX BACK TO SOURCE. FILL WITH CONCRETE TO LEVEL WITH EXISTING FLOORING.
- 022639 DISCONNECT EXISTING SUPPLY PUMP TO MAKE SAFE FOR REMOVAL. REMOVE FLEXIBLE CONDUIT AND WIRING FROM DISCONNECT SWITCH TO UNIT. REMOVE ALL CONDUCTORS BACK TO SOURCE.
- 022640 REMOVE CIRCUIT BACK TO PANELBOARD PP-A.
- 022641 REMOVE POWER/DATA ASSOCIATED WITH EXISTING ELECTRONIC BOOK RETURN STATION.
- 022642 DISCONNECT POWER FURNITURE FEED FROM ALL WORKSTATIONS IN ROOM; MODIFY AS NEEDED FOR CONNECTION TO NEW WORKSTATIONS; SEE INSTALLATION
- REMOVE DEVICE AND MODIFY CONDUIT AND BACKBOX AS NEEDED FOR EXTENSION TO NEW WALL SURFACE. 022646 DISCONNECT EXISTING DOOR OPERATOR FOR REMOVAL

AND ASSOCIATED WIRING. CIRCUIT TO REMAIN FOR

EXTENSION TO NEW DOOR OPERATORS.

022647 REMOVE FIRE ALARM DEVICE FOR REPLACEMENT WITH NEW IN SAME LOCATION.

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P: 260.422.0783 www.MKMdesign.com Certification:



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P: 574.263.4400

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IMPACTS THE WORK SHOWN HEREIN AND SHALL COORDINATE SUCH WORK SO AS TO BE IN COMPLIANCE WITH THE INTENT OF ALL THE PROJECT DOCUMENTS.



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RENOVATION & ADDITION 3233 ADRMORE TRAIL,

SOUTH BEND, IN 46628
 No.
 Date
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 1
 04.18.2025
 ADDENDUM 2

DRAWING CONTENTS: POWER AND SYSTEMS REMOVAL PLAN

ISSUE DATE: PROJECT NO. 2561-4061-50 / 25004

E-101

SCALE: 1/8" = 1'-0" 0 4' - 0" 8' - 0" 16' - 0"

GENERAL NOTES

A. REFER TO SHEETS G1.1 AND E0.1 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.

KEYNOTES

022638 REMOVE EXISTING DIGITAL SIGN AND ALL CONDUCTORS BACK TO SOURCE. UNDERGROUND CONDUIT TO REMAIN.

022644 EXISTING EXTERIOR LIGHT POLE TO BE REMOVED. CONDUIT TO REMAIN FOR EXTENSION TO NEW PAVILION LIGHTING FIXTURES.

022645 REMOVE ILLUMINATED BOLLARD AND FOUNDATION; CONDUIT MAY REMAIN FOR EXTENSION TO NEW ILLUMINATED BOLLARDS.

260500 PROVIDE NEW DIGITAL SIGN. EXTEND EXISTING UNDERGROUND CONDUIT TO NEW LOCATION AND INSTALL NEW WIRING FROM SOURCE PANEL IN BUILDING. COORDINATE WITH GC FOR EXACT LOCATION.

260501 EXISTING EXTERIOR LIGHT POLE TO BE REMOVED. REMOVE CONDUCTORS AND CONDUIT BACK TO SOURCE OR TO LAST ACTIVE DEVICE ON CIRCUIT.

260502 EXISTING EXTERIOR LIGHT POLE TO REMAIN. LIGHTING FIXTURE TO BE REMOVED AND REPLACED WITH LED LIGHT FIXTURE.

260503 PROVIDE LED ILLUMINATED BOLLARD. CONNECT TO EXISTING EXTERIOR LIGHTING CIRCUIT. REFER TO DETAIL ON DRAWING E601 FOR ADDITIONAL INFORMATION.

SURFACE MOUNT LIGHTING FIXTURES ON UNDER SIDE OF PARK SHELTER ROOF STRUCTURE; COORDINATE EXACT LOCATIONS WITH EXISTING STRUCTURE. ROUTE CONDUIT FOR LIGHTING UP ALONG EXTERIOR FACE OF COLUMN TO ROOF. USE RGSC FOR EXPOSED CONDUITS.

260530 EXTEND NEW CONDUIT TO EXTEND EXTERIOR CIRCUIT AS

INDICATED; PULL NEW WIRING FROM SOURCE OR NEAREST JUNCTION POINT.

260531 PROVIDE NEW LIGHTING POLE AND FIXTURE ON EXISTING

CONCRETE FOUNDATION. CONNECT TO CONDUCTORS MADE

AVAILABLE FROM REMOVAL.

260545 USE EXISTING UNUSED CONCRETE FOUNDATION. INSTAL

260545 USE EXISTING UNUSED CONCRETE FOUNDATION. INSTAL NEW WIRING TO POLE IN EXISTING CONDUIT.

NOTES

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REVISION

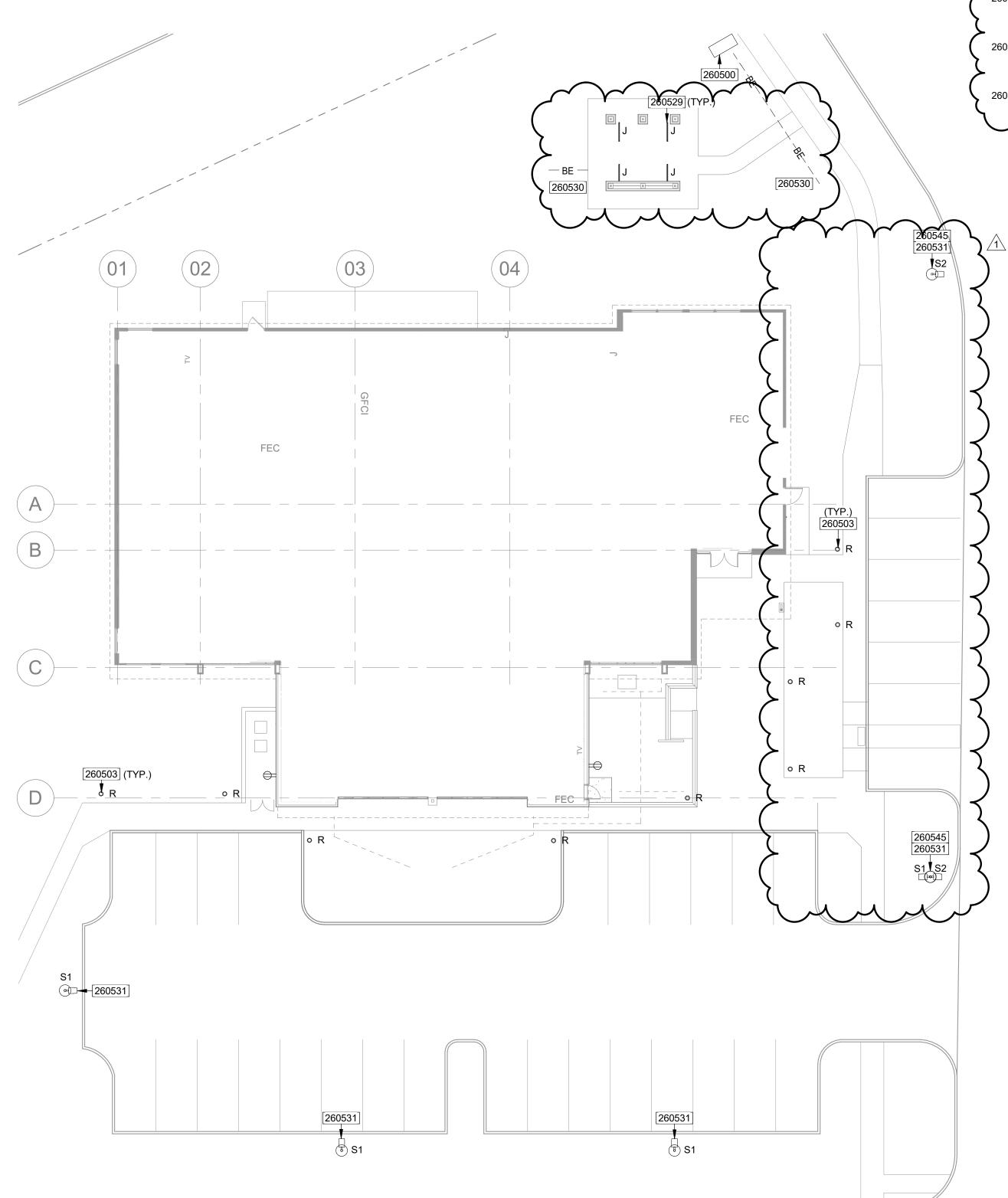
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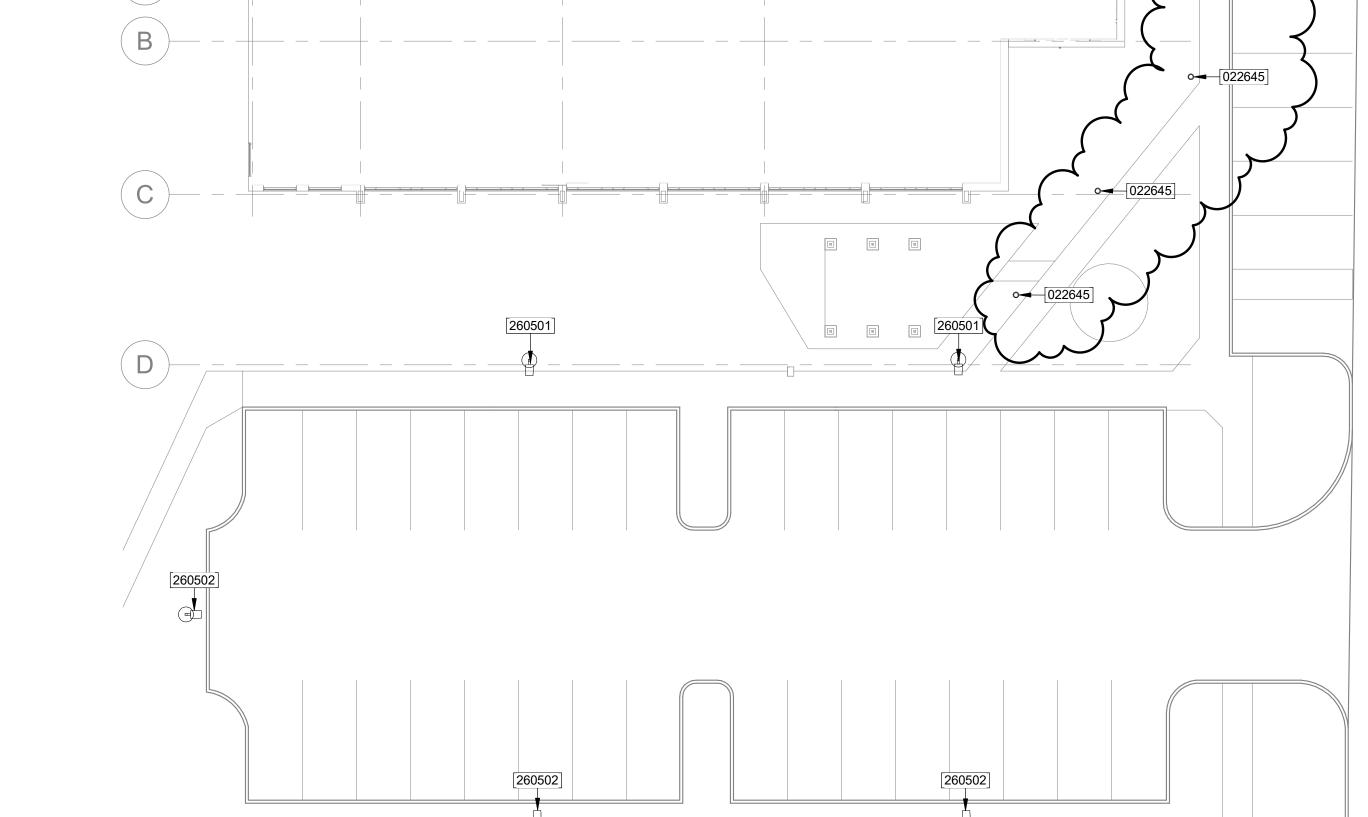
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1 04.10.2025 ADDENDUM 1

DRAWING CONTENTS:
ELECTRICAL SITE PLAN

ISSUE DATE: PROJECT NO. 2561-4061-50 / 25004

E-200



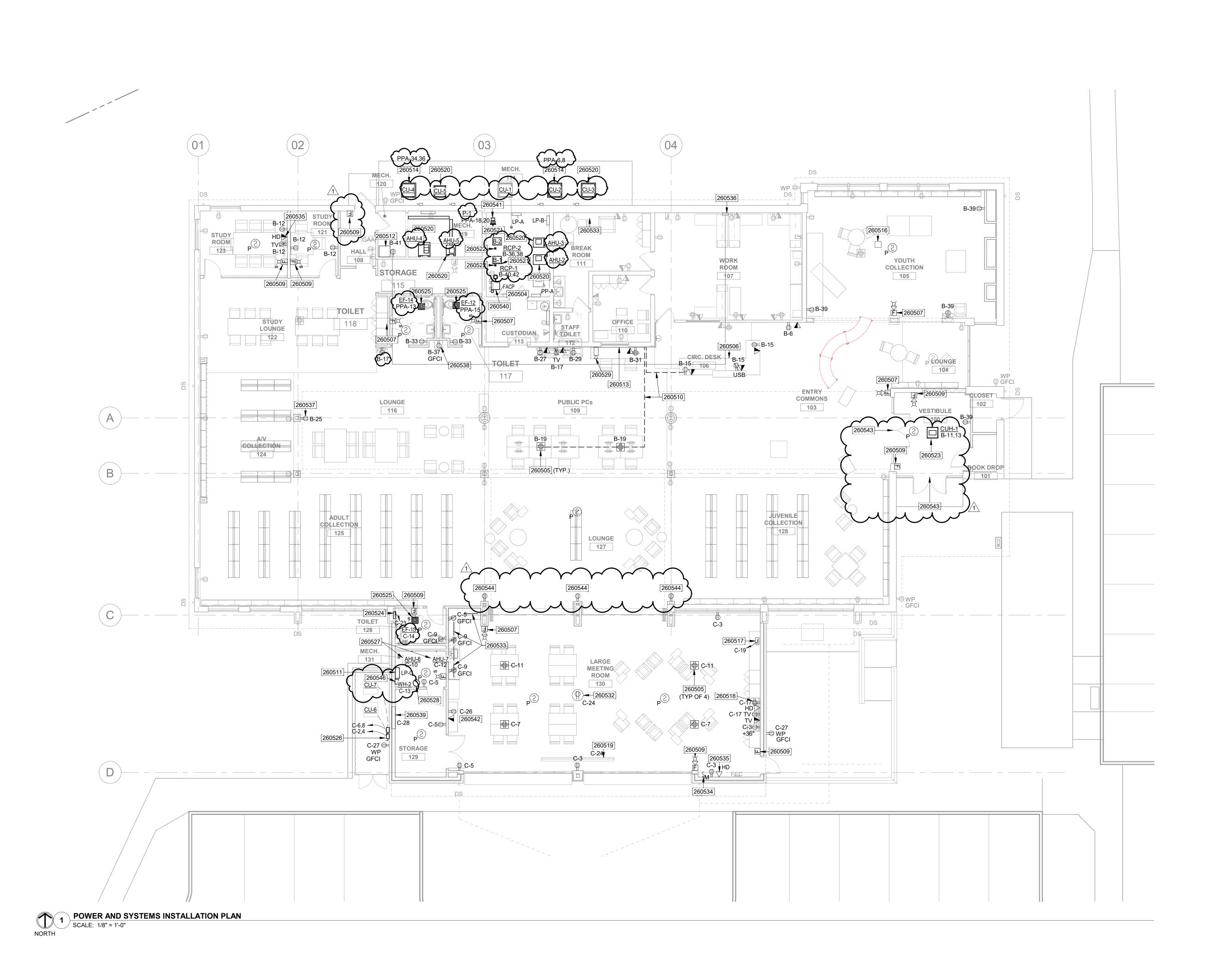


1 SCALE: 1/16" = 1'-0"
NORTH

PLECTRICAL SITE REMOVAL PLAN

SCALE: 1/16" = 1'-0"

SCALE: 1/8" = 1'-0" 0 4' - 0" 8' - 0" 16' - 0"



GENERAL NOTES

- A. REFER TO SHEETS G1.1 AND E0.1 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.
- B. REFER TO ARCHITECTURAL PLANS FOR DETAILED NOTES AND EXTENT OF CONSTRUCTION WORK. COORDINATE WITH OTHER TRADES TO DISCONNECT POWER TO CIRCUITS IMPACTED BY CONSTRUCTION ACTIVITY AND TO PROPERLY PROTECT EXISTING AND NEW ELECTRICAL EQUIPMENT.
- C. PRIOR TO CONSTRUCTION, FIELD VERIFY EXISTING CONDITIONS AND IDENTIFY/CONFIRM SOURCE PANEL AND CIRCUIT BREAKER FOR ELECTRICAL ITEMS IMPACTED BY CONSTRUCTION. EXISTING CIRCUIT NUMBERS SHOWN ON THIS PLAN ARE BASED ON ORIGINAL BUILDING DRAWINGS DATED 2007 AND NOTATIONS IDENTIFIED DURING SITE VISITS MAY NOT BE ACCURATE AND COMPLETE. NOT ALL EXISTING ELECTRICAL ITEMS ARE SHOWN ON THIS PLAN.
- D. REFER TO DRAWING E101 FOR POWER AND DATA REMOVAL PLANS. EXISTING CONDUIT AND WIRING MAY BE REUSED AND MODIFIED/EXTENDED TO NEW DEVICE LOCATIONS.

ARCHITECTURAL ELEVATIONS AND DETAILS.

- E. FIELD COORDINATE PRIOR TO CONSTRUCTION EXACT MOUNTING
 HEIGHTS AND LOCATIONS FOR WIRING DEVICES WITH THE CASEWORK
 SHOP DRAWINGS, FURNITURE LAYOUTS/SUBMITTALS AND
- F. FOR NEW DEVICES IN EXISTING WALLS, CUT WALLS AS NEEDED AND PATCH AND REPAIR AFFECTED AREAS TO MATCH ADJACENT SURFACES.
- G. EXACT LOCATIONS OF FLOOR BOXES AND FLOOR PENETRATIONS TO BE CONFIRMED WITH ARCHITECT AND OWNER AND COORDINATED WITH FINAL FURNITURE SELECTIONS.
- H. PROVIDE ALL CONDUIT, CABLING, BACKBOXES, AND DEVICES FOR DATA EQUIPMENT. TERMINATION BY OWNER UNDER SEPARATE CONTRACT.

 I. INSTALL NEW FIRE ALARM SMOKE DETECTORS TO REPLACE EXISTING REMOVED DEVICES; REFER TO DRAWING E-101 NOTE J.

KEYNOTE

- 260504 EXISTING FIRE ALARM CONTROL PANEL TO REMAIN. PROVIDE LOAD TEST ON BATTERIES AND REPLACE BATTERIES IF LESS THAN 80% CAPACITY.
- 260505 INSTALL FLOOR BOX WITH COVER FLUSH WITH FLOOR FINISH.
 SAWCUT FLOOR AS NEEDED TO RECESS BOX AND RACEWAY INTO
 SLAB. FLOOR BOX TO INCLUDE (1) QUAD-RECEPTACLE.
- 260506 INSTALL POWER AND DATA DEVICES IN NEW MILLWORK DESK.
 SAWCUT FLOOR TO MODIFY EXISTING CONDUIT BELOW GRADE
 AND STUB UP INTO FURNITURE. COORDINATE EXACT STUB UP
 AND OUTLET LOCATIONS WITH FURNITURE SHOP DRAWINGS AND
 EXACT DESK LOCATION.
- 260507 INSTALL SALVAGED FIRE ALARM DEVICE. CONNECT TO EXISTING FIRE ALARM SYSTEM.
- 260509 PROVIDE NEW FIRE ALARM DEVICE. CONNECT TO EXISTING FIRE ALARM SYSTEM.
- 260510 SAW-CUT FLOOR AND INSTALL CONDUIT IN SLAB TO NEW POWER AND DATA OUTLETS. FIELD VERIFY ROUTING BASED ON EXISTING CONDITIONS.
- 260511 PROVIDE 100A SUBPANEL. CONNECT TO PANEL LP-A USING (3)#1, #8G, IN 1-1/4"C.
- 260512 INSTALL SALVAGED NETWORK CABINET. EXTEND EXISTING AND NEW CABLING FROM EXISTING RACK LOCATION.
- 260513 EXISING WALL TO BE FURRED OUT; INSTALL NEW CONDUIT AND BOXES IN NEW WALL FOR POWER AND DATA OUTLETS INDICATED.
- 260514 CONNECT NEW CONDENSING UNIT TO NEW CIRCUIT AS INDICATED.
- 260516 INSTALL SALVAGED WIRELESS ACCESS POINT. CONNECT TO CONDUCTORS MADE AVAILABLE FROM DEMOLITION.
- 260517 PROVIDE JUNCTION BOX WITH CIRCUIT FOR OWNER-FURNISHED AIR HOCKEY TABLE. COORDINATE EXACT LOCATION AND CONNECTIONS WITH OWNER PRIOR TO ROUGH-IN.
- 260518 RECEPTACLES IN CASEWORK FOR GAMING SYSTEM(S).260519 PROVIDE POWER FOR MOTORIZED PROJECTION SCREEN AS
- INDICATED.
- 260520 CONNECT NEW CONDENSING UNIT TO EXISTING CIRCUIT.
- 260521 CONNECT NEW BOILER TO EXISTING CIRCUIT.
- 260522 CONNECT NEW RECIRC PUMP TO CIRCUIT AS INDICATED.260523 CONNECT NEW CABINET UNIT HEATER TO CIRCUIT AS INDICATED.
- 260524 CONNECT NEW HEATER TO CIRCUIT AS INDICATED.
- 260525 CONNECT NEW EXHAUST FAN TO CIRCUIT AS INDICATED.
- 260526 NEMA 3R DISCONNECT SWITCH; CONNECT TO CONDENSING UNIT AND CIRCUIT AS INDICATED.
- 260527 PROVIDE DISCONNECT SWITCH FOR AHU AND CONNECT TO UNIT AND CIRCUIT AS INDICATED.
- 260528 PROVIDE DISCONNECT SWITCH FOR WATER HEATER AND CONNECT TO UNIT AND CIRCUIT AS INDICATED.
- 260529 SURFACE MOUNT LIGHTING FIXTURES ON UNDER SIDE OF PARK SHELTER ROOF STRUCTURE; COORDINATE EXACT LOCATIONS WITH EXISTING STRUCTURE. ROUTE CONDUIT FOR LIGHTING UP ALONG EXTERIOR FACE OF COLUMN TO ROOF. USE RGSC FOR EXPOSED CONDUITS.
- 260532 NEW RECEPTACLE FOR PROJECTOR IN CEILING; CONFIRM EXACT LOCATION WITH OWNER PRIOR TO CONSTRUCTION.
- 260533 PROVIDE UNDER CABINET LIGHTING FOR CASEWORK IN THIS LOCATION. CONNECT TO ROOM LIGHTING CIRCUIT. REFER TO CASEWORK DRAWINGS FOR ADDITIONAL INFORMATION.
- PROJECTOR SCREEN. INSTALL 24VDC 3-WIRE CONTROL WIRING FROM SWITCH TO PROJECTOR SCREEN INTERNAL MOTOR.

260535 PROVIDE HDMI DATA PORT AND CONNECT TO PROJECTOR / TV

260534 INSTALL CONTROL SWITCH FURNISHED WITH OVERHEAD

USING HDMI CABLE.

260536 INSTALL CAT6 COUPLERS AND NEW CABLING TO EXTEND EXISTING CABLING TO NEW RACK LOCATION. ROUTE NEW CABLING UP ALONG WALL AND ABOVE DROP CEILING TO NEW RACK LOCATION. PROVIDE METAL SURFACE RACEWAY TO COVER CABLING FROM

FLOOR TO CEILING. EXISTING DATA RACK HAS APPROXIMATELY 30

CABLES FROM BELOW FLOOR AND ABOVE CEILING - FIELD VERIFY

COORDINATE EXACT RECEPTACLE LOCATION WITH OWNER.

- EXACT QUANTITY/TYPE.

 260537 EXTEND CONDUITS FOR POWER AND DATA FROM EXISTING BOXES IN COLUMN AND TURN UP AT NEW OWNER OPAC STATION.
- 260538 DEDICATED RECEPTACLE FOR WATER COOLER; FOLLOW PRODUCT
- MANUFACTURER RECOMMENDATIONS FOR LOCATING OUTLET.
- 260539 NEW MOTORIZED DAMPER. CONNECT TO CIRCUIT AS INDICATED.

 260540 RELOCATED WATER SOFTENER. CONNECT TO CIRCUIT MADE.
- 260540 RELOCATED WATER SOFTENER. CONNECT TO CIRCUIT MADE AVAILABLE FROM REMOVAL.
- 260541 NEW SUPPLY PUMP. CONNECT TO CIRCUIT INDICATED.
- 260542 POWER AND DATA FOR OWNER'S BOOK VENDING MACHINE.

 260543 CONNECT MOTORIZED DOOR OPERATOR TO EXISTING DOOR OPERATOR CIRCUIT. EXTEND CONDUIT/WIRE AS NECESSARY. INTERFACE WITH NEW ADA PUSH BUTTON STATIONS COORDINATE WITH ARCHITECT FOR LOCATIONS
- COORDINATE WITH ARCHITECT FOR LOCATIONS.

 260544 EXTEND BACKBOX FROM EXISTING DEVICE OUT TO NEW EXTERIOR FACE OF COLUMN. INSTALL NEW DEVICE AND CONNECT TO
- EXISTING CIRCUIT.

 260546 PROVIDE SURGE PROTECTIVE DEVICE WITH 100 KA SURGE CAPACITY PER MODE, 200 KA PER PHASE, LIKE CURRENT

MKM
architecture + design
435 E. Brackenridge Street

435 E. Brackenridge Street Fort Wayne, Indiana 46802 P: 260.422.0783 www.MKMdesign.com



ARCHITECTURE • ENGINEERING • PLANNING SURVEYING • CONSTRUCTION SERVICES DLZ Indiana, LLC

2211 E. Jefferson Blvd.
South Bend, Indiana 46615
P: 574.263.4400

Key Plan:

www.dlz.com

SCOPE OF WORK

ALL IDEAS, DESIGNS, ARRANGEMENTS AND PLANS INDICATED BY THIS DRAWING ARE CWINED BY, AND THE PROPERTY OF MIKIM ARCHITECTURE + DESIGN, AND WEBE CREATED AND DEVELOPED FOR USE ON, AND IN CONNECTION WITH THIS SPECIFIC PROJECT. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, FIRM OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF MIKIM ARCHITECTURE + DESIGN. THE OWNER SHALL BE PERMITTED TO RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION WITH THIS PROJECT. WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DRAWINGS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE PROCEEDING WITH FABRICATION AND/OR INSTALLATION. THE WORK SHOWN ON THIS DOCUMENT, AND THE CORRESPONDING SPECIFICATIONS, INTERFACES WITH WORK SHOWN ON OTHER DOCUMENTS INCLUDING WORK TO BE PERFORMED BY OTHER CONTRACTORS OR SUBCONTRACTORS. EACH CONTRACTOR OR SUBCONTRACTORS. EACH CONTRACTORS OR SUBCONTRACTORS. SHALL BE FAMILIAR WITH THE WORK OF OTHER CONTRACTORS OR SUBCONTRACTORS. EACH CONTRACTORS OR SUBCONTRACTORS, WHETHER OR NOT SHOWN ON THIS DOCUMENT, WHICH IMPACTS THE WORK SHOWN HEREIN AND SHALL COORDINATE SUCH WORK SO AS TO BE IN COMPLIANCE WITH THE INTENT OF ALL THE PROJECT DOCUMENTS.



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RENOVATION & ADDITION 3233 ADRMORE TRAIL, SOUTH BEND, IN 46628

 No.
 Date
 Revision

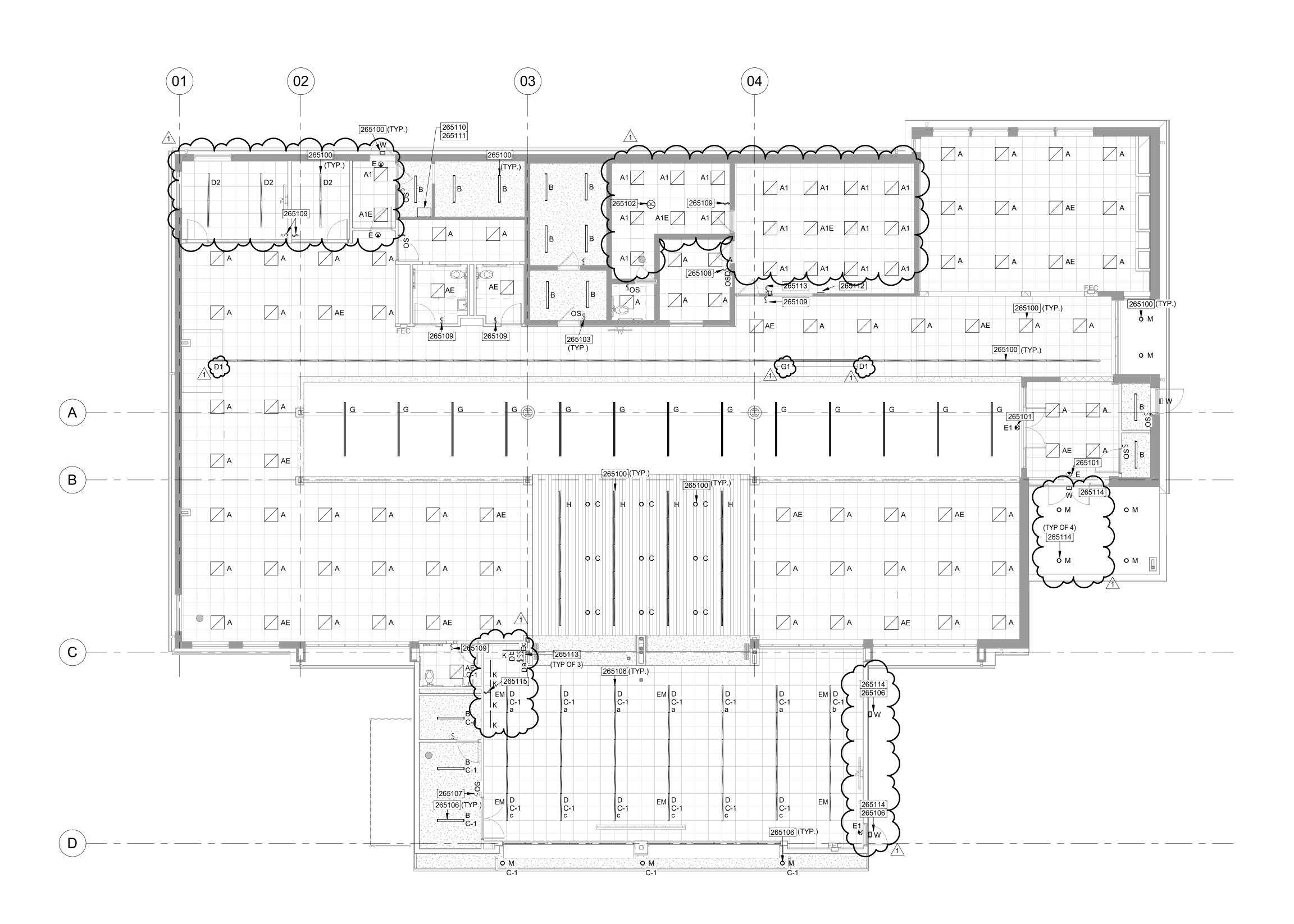
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 04.18.2025
 ADDENDUM 2

1 04.18.2025 ADDENDUM 2

DRAWING CONTENTS:
POWER AND SYSTEMS
INSTALLATION PLAN

ISSUE DATE: PROJECT NO. 2561-4061-50 / 25004

E-201



1 LIGHTING INSTALLATION PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES

- A. REFER TO SHEETS G1.1 AND E0.1 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.
- B. REFER TO ARCHITECTURAL PLANS FOR DETAILED NOTES AND EXTENT OF CONSTRUCTION WORK. COORDINATE WITH OTHER TRADES TO DISCONNECT POWER TO CIRCUITS IMPACTED BY CONSTRUCTION ACTIVITY AND TO PROPERLY PROTECT EXISTING AND NEW ELECTRICAL EQUIPMENT.
- C. PRIOR TO CONSTRUCTION, FIELD VERIFY EXISTING CONDITIONS AND IDENTIFY/CONFIRM SOURCE PANEL AND CIRCUIT BREAKER FOR ELECTRICAL ITEMS IMPACTED BY CONSTRUCTION. EXISTING CIRCUIT NUMBERS SHOWN ON THIS PLAN ARE BASED ON ORIGINAL BUILDING DRAWINGS DATED 2007 AND NOTATIONS IDENTIFIED DURING SITE VISITS MAY NOT BE ACCURATE AND COMPLETE. NOT ALL EXISTING ELECTRICAL ITEMS ARE SHOWN ON THIS PLAN.
- D. REFER TO DRAWING E102 FOR LIGHTING REMOVAL PLANS. EXISTING CONDUIT AND WIRING MAY BE REUSED AND MODIFIED/EXTENDED TO NEW FIXTURE AND DEVICE LOCATIONS.
- E. FOR LIGHTING FIXTURE SCHEDULE, SEE DRAWING E600. REFER TO REMARKS COLUMN ON LIGHTING FIXTURE SCHEDULE FOR FIXTURE MOUNTING HEIGHTS AND REQUIREMENTS U.O.N. ON THIS
- F. CEILING MOUNTED OCCUPANCY SENSORS SHALL BE MOUNTED IN CENTER OF CEILING TILE U.O.N. COORDINATE EXACT LOCATIONS BEFORE ROUGH-IN.
- G. OCCUPANCY SENSORS ARE SHOWN FOR PURPOSES OF IDENTIFYING ROOMS/AREAS WHERE REQUIRED. COORDINATE WITH MANUFACTURER ON QUANTITY AND LOCATIONS WHERE

ON ELECTRICAL RECORD DRAWINGS.

- REQUIRED FOR COMPLETE COVERAGE. H. PROVIDE POWER PACKS AS REQUIRED FOR OCCUPANCY SENSORS. POWER PACKS ARE NOT SHOWN. FIELD COORDINATE LOCATIONS, PRIOR TO CONSTRUCTION, AND RECORD LOCATIONS
- I. OCCUPANCY SENSOR LOCATIONS AND TYPES MAY BE DIAGRAMMATIC. LIGHTING CONTROLS VENDOR SHALL SUBMIT DETAILED SHOP DRAWINGS INDICATING SENSOR TYPES AND LOCATIONS TO PROVIDE FULL COVERAGE WITHIN CONTROLLED ROOMS/AREAS.
- J. CROSS HATCHED/SHADED FIXTURES = EMERGENCY EGRESS FIXTURES. CONNECT TO EXISTING NIGHT LIGHT CIRCUIT AHEAD OF ANY SWITCHING. PROVIDE 90-MINUTE RATED BACKUP BATTERY INTEGRAL TO FIXTURE.
- K. CONNECT LIGHT FIXTURES TO SWITCH IN SAME ROOM U.O.N.

KEYNOTES

- 265100 PROVIDE LIGHT FIXTURE AS INDICATED. CONNECT TO EXISTING CONDUCTORS AND CONDUIT MADE AVAILABLE FROM DEMOLITION. JUNCTION AND EXTEND AS NECESSARY.
- 265101 INSTALL SALVAGED EXIT SIGN AS INDICATED. CONNECT TO NEARBY LIGHTING CIRCUIT AHEAD OF ANY SWITCHING.
- 265102 PROVIDE CEILING MOUNTED OCCUPANCY SENSOR, TO CONTROL ALL LUMINAIRES IN THIS AREA. CONNECT TO EXISTING LIGHTING CONTROLS MADE AVAILABLE FROM REMOVAL. JUNCTION AND EXTEND AS NECESSARY.
- 265103 PROVIDE OCCUPANCY SENSOR WALL SWITCH TO CONTROL ALL LUMINAIRES IN THIS ROOM. CONNECT TO EXISTING LIGHTING CONTROLS MADE AVAILABLE FROM REMOVAL. JUNCTION AND EXTEND AS NECESSARY.
- 265106 PROVIDE LIGHTING FIXTURE AND CONNECT TO CIRCUIT INDICATED.
- 265107 PROVIDE OCCUPANCY SENSOR WALL SWITCH TO CONTROL ALL LUMINAIRES IN THIS ROOM.
- 265108 PROVIDE DIMMABLE OCCUPANCY SENSOR WALL SWITCH TO CONTROL ALL LUMINAIRES IN THIS ROOM. CONNECT TO EXISTING LIGHTING CONTROLS MADE AVAILABLE FROM

REMOVAL. JUNCTION AND EXTEND AS NECESSARY.

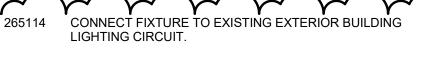
NOT ALLOW LIGHTING TO BE TURNED OFF IN THIS AREA

- 265109 PROVIDE MANUAL OVERRIDE SWITCH(ES) TO OVERRIDE CENTRAL BUILDING LIGHTING CONTROLS IN THIS ROOM, PROGRAMMED TO ALLOW OCCUPANT TO KEEP LIGHTING ON OR TURN LIGHTING ON BEYOND PROGRAMMED OPERATIONAL HOURS. LIGHTING CONTROL SWITCH SHALL
- DURING PROGRAMMED OPERATIONAL HOURS. 265110 PROVIDE CENTRAL LIGHTING SYSTEM CONTROLLER (LIKE ACUITY BRANDS N-LIGHT ECLYPSE SYSTEM CONTROLLER OR EQUAL). LIGHTING CONTROLS SYSTEM TO INCLUDE AUTOMATIC LIGHTING SHUTOFF BASED ON TIME OF DAY, WITH ADJUSTABLE TIME SETTING FOR PROGRAMMING BUILDING HOURS OF OPERATION. INCLUDE REMOVE MANUAL ON/OFF/DIMMING OVERRIDE SWITCH CONTROL FOR CONTROLLED ZONES. LIGHTING SYSTEM TO FLASH 5
 - MINUTES BEFORE AUTOMATIC LIGHTING SHUTOFF TO NOTIFY USERS OF SPACE. INCLUDE ADJUSTABLE TIME SETTING FOR EXTENDED USE OF LIGHTING BEYOND PROGRAMMED HOURS OF OPERATION. REFER TO SPECIFIC CONTROLLED AREAS FOR ADDITIONAL SWITCHES TO BE CONNECTED TO SYSTEM.
- PROVIDE ALL DEVICES, CONTROLLERS, RELAYS, WIRING, ETC FOR A COMPLETE AND OPERABLE SYSTEM. ALSO PROVIDE START-UP AND TESTING OF COMPLETE SYSTEM PRIOR TO PROJECT COMPLETION. PROVIDE MINIMUM 2-HOUR TRAINING SESSION FOR OWNER'S PERSONNEL TO OPERATE SYSTEM.
- LIGHTING CONTROLS FOR EACH ROOM/SPACE TO BE OPERATED INDEPENDENTLY UON. PROVIDE CENTRAL LIGHTING CONTROL SYSTEM AS INDICATED FOR THE FOLLOWING SPACES:
 - -STUDY ROOM 123 [ZONE 1] -STUDY ROOM 121 [ZONE 1] -HALL 108 [ZONE 1] -STUDY LOUNGE 122 [ZONE 1] -A/V COLLECTION 124 [ZONE 1] -LOUNGE 116 [ZONE 1] -PUBLIC PCS 109 [ZONE 1] -ENTRY COMMONS 103 [ZONE 1] -YOUTH COLLECTION 105 [ZONE 1] -LOUNGE 104 [ZONE 1] -VESTIBULE 100 [ZONÉ 1] -ADULT COLLECTION 125 [ZONE 1]
 - -LOUNGE 127 [ZONE 1] -JUVENILE COLLECTION 128 [ZONE 1] -LARGE MEETING ROOM 130 [ZONE 2] -WORKROOM 107 [ZONE 3] -TOILET 117 [ZONE 1]
 - -TOILET 118 ZONE 1 -TOILET 126 [ZONE 1] -OUTDOOR [ZONE 4] ZONES 1-3 TO HAVE ON/OFF CAPABILITIES WITH BUILDING

SCALE: 1/8" = 1'-0"

0 4' - 0" 8' - 0"

- TIMER SET TO LIBRARY OPEN HOURS. ZONE 4 TO TURN ON FROM DUSK-DAWN.
- 265112 TOUCH-SCREEN CONTROLLER, LIKE ACUITY BRANDS NLIGHT GFXK FOR PROGRAMMING AND CONTROL OF LIGHTING CONTROL ZONES. INSTALL CAT6 CABLE TO LIGHTING CONTROLLER.
- 265113 PROVIDE MANUAL OVERRIDE SWITCH(ES) TO OVERRIDE CENTRAL BUILDING LIGHTING CONTROLS IN THIS ROOM. PROGRAMMED TO ALLOW OCCUPANT TO KEEP LIGHTING ON OR TURN LIGHTING ON BEYOND PROGRAMMED OPERATIONAL HOURS. LIGHTING CONTROL SWITCH SHALL ALSO ALLOW DIMMING AND OFF CONTROL OF FIXTURES IN



265115 LIGHT SWITCH FOR UNDER-CABINET LIGHTING. COORDINATE TYPE K FIXTURES AND WIRING WITH ARCHITECTURAL

PLAN ISSUE DATE: PROJECT NO. 2561-4061-50 / 25004

E-301

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435 E. Brackenridge Street Fort Wayne, Indiana 46802

P: 260.422.0783

www.MKMdesign.com

ARCHITECTURE • ENGINEERING • PLANNING SURVEYING . CONSTRUCTION SERVICES DLZ Indiana, LLC 2211 E. Jefferson Blvd. South Bend, Indiana 46615 P: 574.263.4400 www.dlz.com

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RENOVATION & ADDITION 3233 ADRMORE TRAIL,

SOUTH BEND, IN 46628 1 04.18.2025 ADDENDUM 2

DRAWING CONTENTS: LIGHTING INSTALLATION

DRAWING NO.

A. REFER TO SHEETS G1.1 AND E0.1 FOR ADDITIONAL GENERAL NOTES AND INFORMATION.

				LIGHTING FIXTURE SCHEDULE		
TYPE	LAMP	WATTAGE	DESCRIPTION	MANUFACTURER 1	EQUAL MANUFACTURER	TYPE COMMENTS
A	LED	45 W	LAY-IN 2X2 FLAT PANEL LED, 5000 LUMENS, 90CRI, 30K CCT	LITHONIA LIGHTING CPX-2X2-5000LM-90CRI-30K-SWL-MIN10-MVOLT	COLUMBIA NBT	LAY-IN GRID INSTALLATION; SECURE TO GRID WITH MOUNTING CLIPS
A1	LED	32 W	LAY-IN 2X2 FLAT PANEL LED, 3200 LUMENS, 90CRI, 30K CCT, 0-10V DIMMING	LITHONIA LIGHTING CPX-2X2-3200LM-90CRI-30K-SWL-MIN10-ZT-MVOLT	COLUMBIA NBT	LAY-IN GRID INSTALLATION; SECURE TO GRID WITH MOUNTING CLIPS
A1E	LED	32 W	LAY-IN 2X2 FLAT PANEL LED, 5000 LUMENS, 90CRI, 30K CCT, WITH 90-MINUTE RATED BATTERY BACKUP AND SELF-DIAGNOSTICS	LITHONIA LIGHTING CPX-2X2-3200LM-90CRI-30K-SWL-MIN10-ZT-MVOLT-E10WLCP	COLUMBIA NBT	LAY-IN GRID INSTALLATION; SECURE TO GRID WITH MOUNTING CLIPS.
AE	LED	45 W	LAY-IN 2X2 FLAT PANEL LED, 3200 LUMENS, 90CRI, 30K CCT, WITH 90-MINUTE RATED BATTERY BACKUP AND SELF-DIAGNOSTICS	LITHONIA LIGHTING CPX-2X2-5000LM-90CRI-30K-SWL-MIN10-MVOLT-E10WLCP	COLUMBIA NBT	LAY-IN GRID INSTALLATION; SECURE TO GRID WITH MOUNTING CLIPS
В	LED	44 W	CHAIN-HUNG 4' STRIP LED LIGHTING FIXTURE, 30/40/50 LUMEN SWITCHABLE LUMEN OUTPUT, 35K CCT, 80 CRI	LITHONIA LIGHTING CSS-L48-ALO3-MVOLT-35K-80CRI	ILP VS STRIP	INSTALL ON HANGER CHAIN
С	LED	7 W	4" ROUND PENDANT DOWN LIGHT FIXTURE. 30K CCT, 750LM, FINISH BY ARCHITECT.	GOTHAM IVO4CYL PC D 07LM 30K 80CRI MD MIN10 MVOLT ZT L5 JBX CAN	GREEN CREATIVE PXCYL 4"	PENDANT HUNG WITHIN WOODEN CEILING FLUSH WITH BOTTOM OF WOOD CEILING
D	LED	32 W	3" WIDE X LENGTH PER PLANS, RECESSED LED LINEAR FIXTURE, 700 LUMENS/FT, 30K CCT, 90 CRI, FLUSH LENS, FINISH BY ARCHITECT (WATTS LISTED IS PER 4FT SECTION)	PINNACLE LIGHTING EDGE3 EV3D / PRUDENTIAL LIGHTING BIONICPRO3 3" SLOT	LITECONTROL MOD 3L	RECESSED IN GYP BOARD CEILING. EM FIXTURES TO INCLUDE E10WLCP ACCESSORY
D1	LED	24 W	3" WIDE X LENGTH PER PLANS, RECESSED LED LINEAR FIXTURE, 500 LUMENS/FT, 30K CCT, 90 CRI, FLUSH LENS, FINISH BY ARCHITECT (WATTS LISTED IS PER 4FT SECTION)	PINNACLE LIGHTING EDGE3 EV3D / PRUDENTIAL LIGHTING BIONICPRO3 3" SLOT	LITECONTROL MOD 3L	RECESSED IN GYP BOARD CEILING. EM FIXTURES TO INCLUDE E10WLCP ACCESSORY
D2	LED	80 W	3" WIDE X 8', RECESSED LED LINEAR FIXTURE, 1000 LUMENS/FT, 30K CCT, 90 CRI, FLUSH LENS, FINISH BY ARCHITECT	PINNACLE LIGHTING EDGE3 EV3D / PRUDENTIAL LIGHTING BIONICPRO3 3" SLOT	LITECONTROL MOD 3L	RECESSED IN GYP BOARD CEILING. EM FIXTURES TO INCLUDE E10WLCP ACCESSORY
E	LED		CEILING MOUNT, RECESSED HOUSING, LED EXIT SIGN WITH RED LETTERING AND 90-MINUTE BATTERY BACKUP. 3 W	LITHONIA EDGR-1-R-ELSD	DUAL LITE LE SERIES	INSTALL IN CENTER OF CEILING TILE; RECESSED BACKBOX
E1	LED		WALL MOUNT LED EXIT SIGN WITH RED LETTERING AND 90-MINUTE BATTERY BACKUP. 3 W	LITHONIA EDG-1-R-ELSD	DUAL LITE LE SERIES	INSTALL IN CENTER OF CEILING TILE; RECESSED BACKBOX
G	LED	112 W	3" WIDE X 8'L PENDANT LED LINEAR FIXTURE, FLUSH LENS, 800 LUMENS/FT DIRECT, 600 LUMENS/FT INDIRECT, 90 CRI, 30K CCT, FINISH BY ARCHITECT	PINNACLE LIGHTING EDGE3 PENDANT / PRUDENTIAL LIGHTING BIONICPRO 3" PENDANT	LITECONTROL MOD 3L PENDANT	PENDANT HUNG, SUSPEND WITH BOTTOM AT 12' AFF, CONFIRM MOUNTING HEIGHT WITH ARCHITECT PRIOR TO PURCHASE
G1	LED	96 W	3" WIDE X 12'L PENDANT LED LINEAR FIXTURE, FLUSH LENS, 400 LUMENS/FT DIRECT, 400 LUMENS/FT INDIRECT, 90 CRI, 30K CCT, FINISH BY ARCHITECT	PINNACLE LIGHTING EDGE3 PENDANT / PRUDENTIAL LIGHTING BIONICPRO 3" PENDANT	LITECONTROL MOD 3L PENDANT	PENDANT HUNG, SUSPEND WITH BOTTOM AT 7'-8" AFF, CONFIRM MOUNTING HEIGHT WITH ARCHITECT PRIOR TO PURCHASE
Н	LED	100 W	1" WIDE X 20' PENDANT LED LINEAR FIXTURE, 500 LUMENS/FT, 30K FLUSH LENS, 90 CRI, FINISH BY ARCHITECT	PINNACLE LIGHTING EDGE1 PENDANT / PRUDENTIAL LIGHTING BIONICPRO 1" PENDANT	AXIS LIGHTING SCULPT PENDANT	PENDANT HUNG IN WOODEN CEILING FLUSH WITH BOTTOM OF WOOD CEILING
J	LED	6 W	4' LINEAR SURFACE MOUNT LED, 600LM, 4000K CCT, DIFFUSED FLUSH LENS,WET RATED	QTRAN VERS-06-SW-1.5-40-WET-DF-N/A-S2-CC-48"	KELVIX CH-222-2-FR-CP-EC w/DL40K-WR-24V TAPE	SURFACE MOUNT TO BOTTOM OF STRUCTURE
K	LED	32 W	LED TAPE LIGHT, UNDER-CABINET, LENGTHS TO MATCH CASEWORK, 3000K,90CRI	JUNO JFX-24V-300LM-XXFT-30K-90CRI-DL	TROY TPN	RECESSED IN GYP BOARD CEILING. EM FIXTURES TO INCLUDE E10WLCP ACCESSORY
М	LED	22 W	RECESSED LOW-PROFILE DOWNLIGHT, WET LOCATION LISTED, 1000 LUMENS, 30K CCT, FINISH BY ARCHITECT	JUNO WF6-SWW5-90CRI-MB	GREEN CREATIVE MULTIFIT FLAT	RECESSED IN SOFFIT
R	LED	26 W	ILLUMINATED BOLLARD, 30K CCT, FINSIH BY ARCHITECT	LITHONIA LIGHTING KBD8	LIGMAN LIGHTSOFT	REFER TO DETAIL 1 ON THIS SHEET
S1	LED		POLE MOUNT, TYPE 4 DISTRIBUTION, 90 W. FINISH BY ARCHITECT, 20' X 4" SQUARE STRAIGHT STEEL POLE	LITHONIA LIGHTING DSX0-P5-40K-70CRI-T4M-MVOLT; SSS POLE	CURRENT LIGHTING / BEACON VIPER STRIKE	POLE MOUNT AT +20'-0" AFG; INSTALL NEW POLE ON EXISTING FOUNDATION
S2	LED		POLE MOUNT, TYPE 2 DISTRIBUTION, 90 W. FINISH BY ARCHITECT, 20' X 4" SQUARE STRAIGHT STEEL POLE	LITHONIA LIGHTING DSX0-P5-40K-70CRI-T2M-MVOLT; SSS POLE	CURRENT LIGHTING / BEACON VIPER STRIKE	POLE MOUNT AT +20'-0" AFG; INSTALL NEW POLE ON EXISTING FOUNDATION
W	LED	15 W	WEDGE SHAPED WALL MOUNT EXTERIOR FIXTURE, 3000K 90CRI VISUAL COMFORT FORWARD OPTICS. BATTERY BACKUP. FINISH BY ARCHITECT	LITHONIA LIGHTING WDGE1-LED-P2-30K-90CRI-VF-MVOLT-SRM-E4WH	ILP SKYLINE WALL	WALL MOUNT ABOVE DOOR

	Location: MECH. 114 Supply From: Mounting: Surface Enclosure:				Volts: Phases: Wires:		Single			A.I.C. Rating: Mains Type: Mains Rating: 400 A MCB Rating: 400 A		
lotes: E	EXISTING PANELBOARD; EXISTING CIRCUIT BREA	AKERS TO	REMAIN	UNLESS	NOTED V	ON] HTIV	ГЕ]					
СКТ	Circuit Description	Trip	Poles		4		3	Poles	Trip	Circuit Des	crintion	СКТ
1	EXISTING LOAD [ETR]	20 A	1		240 VA			1	20 A	EXISTING LIGHTS [ETR]	on puon	2
3	EXISTING LOAD [ETR]	20 A	1	.55 77	2.5 7/	480 VA	240 VA	1	20 A	EXISTING LIGHTS [ETR]		4
5	EXISTING EXTERIOR LIGHTS [ETR]	20 A	1	240 VA	360 VA	.55 77	2.5 77	1	20 A	EXISTING OFFICE MNOR	FTR1	6
7	EXISTING TELEPHONE BOARD RECEPTACLE	20 A	1	2 10 VA	000 VA	240 VA	240 VA	1	20 A	EXISTING CITTLE MINOR [ETR]		8
9	EXISTING WATER COOLER RECEPTACLE [ETR]	20 A	1	360 VA	480 VA	270 VA	270 77	1	20 A	EXISTING RECEPTACLES	[FTR]	10
11	EXISTING WATER COOLER RECEPTACLE [ETR]	20 A	1	500 VA	700 VA	480 VA	480 VA	1	20 A	EXISTING RECEPTACLES		12
13	EXISTING COPIER RECEPTACLES [ETR]	20 A	1	360 VA	480 VA	400 VA	400 VA	1	20 A	EXISTING RECEPTACLES		14
15	EXISTING COPIER RECEPTACLES [ETR]	20 A	1	300 VA	400 VA	360 VA	480 VA	1	20 A	EXISTING RECEPTACES		16
17		20 A 20 A	1	360 VA	480 VA	300 VA	400 VA	1		EXISTING LOAD [ETK] EXISTING RECEPTACLES	[ETD]	18
19	EXISTING DISPOSAL [ETR]	20 A	1	300 VA	400 VA	480 VA	480 VA	1	20 A 20 A			20
	EXISTING RECEPTACLES [ETR]	20 A	1	480 VA	360 VA	400 VA	400 VA	1	20 A	EXISTING RECEPTACLES		20
21	EXISTING RECEPTACLES [ETR]			400 VA	300 VA	400 \/A	400 \/A			EXISTING FLOOR RECEPTAGE		24
23	EXISTING RECEPTACLES [ETR]	20 A	1	E40 \/A	200 \/A	480 VA	480 VA	1	20 A	EXISTING RECEPTACLES	<u> </u>	
25	EXISTING FRIDGE AND MICROWAVE [ETR]	20 A	1	540 VA	360 VA	5 40 \ /A	000 \ / 4	1	20 A	EXISTING FLOOR RECEPT		26
27	EXISTING EF #4 [ETR]	20 A	1	0001/4	040144	540 VA	360 VA	1	20 A	EXISTING FLOOR RECEPT		28
29	EXISTING NL & ADT [ETR]	20 A	1	360 VA	240 VA	0001/4	0.144	1	20 A	EXISTING BOOK CASE LIC	HIS[EIR]	30
31	EXISTING HEAT TAPE [ETR]	20 A	1	0001/4	0.1/4	360 VA	0 VA	1	20 A	SPARE [NOTE 1]		32
33	EXISTING HEAT TAPE [ETR]	20 A	1	360 VA	0 VA			1	20 A	SPARE [NOTE 1]		34
35	EXISTING HEAT TAPE [ETR]	20 A	1			360 VA	0 VA	1	20 A	SPARE [NOTE 1]		36
37	EXISTING EXTERIOR LIGHTS [ETR]	20 A	1	240 VA	360 VA			1		EXISTING ISLAND RECEP	TACLES [ETR]	38
39	EXISTING EXTERIOR SIGN [ETR]	20 A	1			240 VA	12104	2	125 A	LP-C [NOTE 2]		40
41	EXISTING ISLAND RECEPTACLES [ETR]	20 A	1	360 VA	10053							42
		To	tal Load:	1750	4 VA	1888	4 VA					
		Tot	al Amps:	14	6 A	15	7 A					
egend:												
	assification		ted Load	De	emand Fa			ed Deman	d	Panel	Totals	
VAC			1 VA		100.00%			11 VA				
ghting			VA		0.00%			VA		Total Conn. Load:		
ther			O VA		100.00%			20 VA		Total Est. Demand:		
ower		920	O VA		100.00%		920	00 VA		Total Conn. Current:	151 A	
ecepta	cle		AV C		100.00%			60 VA		Total Est. Demand Current:	151 A	
ooling			VA		100.00%) VA				
ECEPT	TACLES	204	O VA		100.00%		204	10 VA				
otes:												

.egend:												
ocal O:	assification	Commen	had Lace		omeral Fr	oto:	Eating of	nd Daws	-d	Bas et	Totals	
VAC	assification		ted Load 1 VA	D	emand Fa 100.00%			ed Deman 41 VA	a	Panei	lotais	
ghting			VA		0.00%	0		VA VA		Total Conn. Load:	36356 \/Δ	
ther			0 VA		100.00%	,		20 VA		Total Est. Demand:		
ower			0 VA		100.00%			00 VA		Total Conn. Current:		
ecepta	:le		0 VA		100.00%			60 VA		Total Est. Demand Current:		
ooling			VA		100.00%			0 VA		Total Est. Demand Guirent.	10170	
	ACLES		0 VA		100.00%			40 VA				
lotes:			• • • • • • • • • • • • • • • • • • • •									
2] = INS	STING CIRCUIT TO BECOME SPARE TALL NEW CIRCUIT BREAKER AS INDICATED											
	Branch Panel: LP- C Location: MEC Supply From: LP-A Mounting: Surface Enclosure: TYPE 1				Volts: Phases: Wires:		Single			A.I.C. Rating: 10,000 Mains Type: MLO Mains Rating: 125 A		
otes: EW PA	NELBOARD											
СКТ	Circuit Description	Trip	Poles		A	1	В	Poles	Trip	Circuit Des	<u> </u>	CK
4		00 4	1 4	1400 \/A	0400 \/A				A	OUTDOOD CONDENCED IO		
1	MEETING ROOM EAST RECEPTACIES	20 A	1	1120 VA	2400 VA		2400 \/A	2	50 A	OUTDOOR CONDENSER 'C	CU-6'	2
3	MEETING ROOM EAST RECEPTACLES	20 A	1			720 VA	2400 VA					4
3	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES	20 A 20 A	1		2400 VA 2200 VA	720 VA		2	 40 A	OUTDOOR CONDENSER '(OUTDOOR CONDENSER '(4 6
3 5 7	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES	20 A 20 A 20 A	1 1	720 VA	2200 VA	720 VA 720 VA	2400 VA 2200 VA	 2 	 40 A 	 OUTDOOR CONDENSER '(CU-7'	4 6 8
3 5 7 9	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES	20 A 20 A 20 A 20 A	1 1 1	720 VA		720 VA 720 VA	2200 VA	 2 1	 40 A 15 A	OUTDOOR CONDENSER '(AIR HANDLING UNIT AHU-	CU-7'	4 6 8 10
3 5 7 9	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES	20 A 20 A 20 A 20 A 20 A	1 1 1 1	720 VA 540 VA	2200 VA 1380 VA	720 VA 720 VA		 2 1	 40 A 15 A 15 A	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU-	CU-7'	4 6 8 10 12
3 5 7 9 11 13	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2	20 A 20 A 20 A 20 A 20 A 20 A 30 A	1 1 1 1 1	720 VA	2200 VA 1380 VA	720 VA 720 VA 720 VA	2200 VA 1380 VA	 2 1 1	 40 A 15 A 15 A 15 A	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15	CU-7'	4 6 8 10 12 14
3 5 7 9 11 13	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE	20 A 20 A 20 A 20 A 20 A 30 A 20 A	1 1 1 1 1 1 1	720 VA 540 VA 3000 VA	2200 VA 1380 VA 30 VA	720 VA 720 VA	2200 VA	 2 1 1 1	 40 A 15 A 15 A 15 A 20 A	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE	CU-7'	4 6 8 10 12 14 16
3 5 7 9 11 13 15	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV	20 A 20 A 20 A 20 A 20 A 30 A 20 A 20 A	1 1 1 1 1 1 1 1	720 VA 540 VA	2200 VA 1380 VA	720 VA 720 VA 720 VA 0 VA	2200 VA 1380 VA 0 VA	 2 1 1	 40 A 15 A 15 A 15 A 20 A	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE	CU-7'	4 6 8 10 12 14 16 18
3 5 7 9 11 13 15 17	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE	20 A 20 A 20 A 20 A 20 A 30 A 20 A 20 A 20 A	1 1 1 1 1 1 1	720 VA 540 VA 3000 VA 540 VA	2200 VA 1380 VA 30 VA	720 VA 720 VA 720 VA	2200 VA 1380 VA	 2 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE	CU-7'	4 6 8 10 12 14 16 18
3 5 7 9 11 13 15 17 19 21	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE	20 A 20 A 20 A 20 A 20 A 30 A 20 A 20 A 20 A 20 A	1 1 1 1 1 1 1 1 1	720 VA 540 VA 3000 VA	2200 VA 1380 VA 30 VA	720 VA 720 VA 720 VA 0 VA 360 VA	2200 VA 1380 VA 0 VA	 2 1 1 1 1 1	 40 A 15 A 15 A 15 A 20 A 20 A 20 A 20 A	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE SPARE	CU-7' 6 7	4 6 8 10 12 14 16 18 20 22
3 5 7 9 11 13 15 17 19 21 23	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE	20 A 20 A 20 A 20 A 20 A 30 A 20 A 20 A 20 A 20 A 20 A	1 1 1 1 1 1 1 1 1	720 VA 540 VA 3000 VA 540 VA	2200 VA 1380 VA 30 VA 0 VA	720 VA 720 VA 720 VA 0 VA	2200 VA 1380 VA 0 VA	 2 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR	CU-7' 6 7 AND SCREEN	4 6 8 10 12 14 16 18 20 22 24
3 5 7 9 11 13 15 17 19 21 23 25	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER	20 A 20 A 20 A 20 A 20 A 30 A 20 A 20 A 20 A 20 A	1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 3000 VA 540 VA	2200 VA 1380 VA 30 VA	720 VA 720 VA 720 VA 0 VA 360 VA	2200 VA 1380 VA 0 VA 0 VA 600 VA	 2 1 1 1 1 1 1 1	 40 A 15 A 15 A 15 A 20 A 20 A 20 A 20 A	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE SPARE	CU-7' 6 7 AND SCREEN 6 ROOM 130	4 6 8 10 12 14 16 18 20 22 24 26
3 5 7 9 11 13 15 17 19 21 23 25	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE	20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 3000 VA 540 VA	2200 VA 1380 VA 30 VA 0 VA	720 VA 720 VA 720 VA 0 VA 360 VA	2200 VA 1380 VA 0 VA 0 VA 600 VA	 2 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG	CU-7' 6 7 AND SCREEN 6 ROOM 130	4 6 8 10 12 14 16 18 20 22 24 26 28
3 5 7 9 11 13 15 17 19 21 23 25 27	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES	20 A 20 A 20 A 20 A 20 A 30 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 3000 VA 540 VA 0 VA	2200 VA 1380 VA 30 VA 0 VA 180 VA	720 VA 720 VA 720 VA 0 VA 360 VA	2200 VA 1380 VA 0 VA 0 VA 600 VA	 2 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG	CU-7' 6 7 AND SCREEN 6 ROOM 130	4 6 8 10 12 14 16 18 20 22 24 26 28 30
3 5 7 9 11 13 15 17 19 21 23 25 27	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE	20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 3000 VA 540 VA 0 VA	2200 VA 1380 VA 30 VA 0 VA 180 VA	720 VA 720 VA 720 VA 0 VA 360 VA 1500 VA	2200 VA 1380 VA 0 VA 0 VA 600 VA	2 1 1 1 1 1 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE	CU-7' 6 7 AND SCREEN 6 ROOM 130	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE SPARE SPARE	20 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 3000 VA 540 VA 0 VA 0 VA	2200 VA 1380 VA 30 VA 0 VA 180 VA	720 VA 720 VA 720 VA 0 VA 360 VA 1500 VA	2200 VA 1380 VA 0 VA 0 VA 600 VA	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE SPARE	CU-7' 6 7 AND SCREEN 6 ROOM 130	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	20 A 20 A 20 A 20 A 20 A 30 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 3000 VA 540 VA 0 VA 0 VA	2200 VA 1380 VA 30 VA 0 VA 180 VA	720 VA 720 VA 720 VA 0 VA 360 VA 360 VA 0 VA	2200 VA 1380 VA 0 VA 600 VA 480 VA 0 VA	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE	CU-7' 6 7 AND SCREEN 6 ROOM 130	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE	20 A 20 A 20 A 20 A 20 A 30 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 540 VA 0 VA 0 VA 0 VA	2200 VA 1380 VA 30 VA 0 VA 180 VA 0 VA 0 VA	720 VA 720 VA 720 VA 0 VA 360 VA 360 VA 0 VA	2200 VA 1380 VA 0 VA 600 VA 480 VA	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	CU-7' 6 7 AND SCREEN 6 ROOM 130	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE SPARE SPARE SPARE SPARE SPARE SPARE SPARE	20 A 20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 3000 VA 540 VA 0 VA 0 VA 0 VA	2200 VA 1380 VA 30 VA 0 VA 180 VA 0 VA 0 VA 0 VA	720 VA 720 VA 720 VA 0 VA 360 VA 1500 VA 0 VA 0 VA	2200 VA 1380 VA 0 VA 600 VA 480 VA 0 VA 0 VA	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE	CU-7' 6 7 AND SCREEN 6 ROOM 130	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE	20 A 20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 540 VA 0 VA 0 VA 0 VA 0 VA 1210	2200 VA 1380 VA 30 VA 0 VA 180 VA 0 VA 0 VA 0 VA 0 VA	720 VA 720 VA 720 VA 0 VA 360 VA 1500 VA 0 VA 0 VA 1005	2200 VA 1380 VA 0 VA 600 VA 480 VA 0 VA 0 VA	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE	CU-7' 6 7 AND SCREEN 6 ROOM 130	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE	20 A 20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 540 VA 0 VA 0 VA 0 VA 0 VA 1210	2200 VA 1380 VA 30 VA 0 VA 180 VA 0 VA 0 VA 0 VA	720 VA 720 VA 720 VA 0 VA 360 VA 1500 VA 0 VA 0 VA 1005	2200 VA 1380 VA 0 VA 600 VA 480 VA 0 VA 0 VA	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE	CU-7' 6 7 AND SCREEN 6 ROOM 130	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE	20 A 20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 540 VA 0 VA 0 VA 0 VA 0 VA 1210	2200 VA 1380 VA 30 VA 0 VA 180 VA 0 VA 0 VA 0 VA 0 VA	720 VA 720 VA 720 VA 0 VA 360 VA 1500 VA 0 VA 0 VA 1005	2200 VA 1380 VA 0 VA 600 VA 480 VA 0 VA 0 VA	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE	CU-7' 6 7 AND SCREEN 6 ROOM 130	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE	20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 540 VA 0 VA 0 VA 0 VA 1210 10	2200 VA 1380 VA 0 VA 0 VA 180 VA 0 VA 0 VA 0 VA 1 VA 1 VA 1 A 0 VA	720 VA 720 VA 720 VA 0 VA 360 VA 1500 VA 0 VA 0 VA 0 VA 84	2200 VA 1380 VA 0 VA 600 VA 480 VA 0 VA 0 VA 3 VA 4 A	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE SURGE PROTECTIVE DEV	CU-7' 6 7 AND SCREEN 6 ROOM 130	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE	20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 540 VA 0 VA 0 VA 0 VA 1210 10	2200 VA 1380 VA 0 VA 0 VA 180 VA 0 VA 0 VA 0 VA 1A 0 VA 0 VA 0 VA 1A 1A	720 VA 720 VA 720 VA 0 VA 360 VA 1500 VA 0 VA 0 VA 0 VA 84	2200 VA 1380 VA 0 VA 600 VA 480 VA 0 VA 0 VA 3 VA Estimate 314	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE	CU-7' 6 7 AND SCREEN 6 ROOM 130 SS	4 6 8 10 12
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE	20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 540 VA 0 VA 0 VA 0 VA 1210 10	2200 VA 1380 VA 0 VA 0 VA 180 VA 0 VA 0 VA 0 VA 180 VA 180 VA 180 VA 0 VA 0 VA 0 VA 0 VA 0 VA 0 0 VA	720 VA 720 VA 720 VA 720 VA 360 VA 1500 VA 0 VA 0 VA 1005 84	2200 VA 1380 VA 0 VA 600 VA 480 VA 0 VA 0 VA 3 VA Estimate 314	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE PARE SPARE	CU-7' 66 7 AND SCREEN 6 ROOM 130 IS Totals 22096 VA	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 egend: vAC ghting ther	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE	20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 540 VA 0 VA 0 VA 0 VA 1210 10	2200 VA 1380 VA 0 VA 0 VA 180 VA 0 VA 0 VA 0 VA 180 VA 180 VA 180 VA 0 VA 0 VA 0 VA 10 0 VA	720 VA 720 VA 720 VA 0 VA 360 VA 1500 VA 0 VA 0 VA 0 VA 1005 84	2200 VA 1380 VA 0 VA 0 VA 600 VA 480 VA 0 VA 0 VA 3 VA Estimate 314 0 112	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE TOTAL CONT. LOAD: TOTAL CONT. LOAD: TOTAL EST. DEMANCE	CU-7' 66 7 AND SCREEN 6 ROOM 130 S Totals 22096 VA 22096 VA	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 pagend:	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE	20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 540 VA 0 VA 0 VA 0 VA 1210 10	2200 VA 1380 VA 0 VA 0 VA 180 VA 0 VA 0 VA 0 VA 180 VA 180 VA 10 VA 100.00% 100.00% 100.00%	720 VA 720 VA 720 VA 0 VA 360 VA 1500 VA 0 VA 0 VA 1005 82	2200 VA 1380 VA 0 VA 0 VA 600 VA 480 VA 0 VA 0 VA 3 VA 481 A Estimate 314 0 112 920	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE TOTAL CONT. LOAD: TOTAL CONT. LOAD: TOTAL CONT. CUTTENT:	CU-7' 66 7 AND SCREEN 6 ROOM 130 S Totals 22096 VA 22096 VA 92 A	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 egend: vAC ighting ither ower eccepta	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE	20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 540 VA 0 VA 0 VA 0 VA 1210 10	2200 VA 1380 VA 0 VA 0 VA 180 VA 0 VA 0 VA 0 VA 180 VA 180 VA 10 VA	720 VA 720 VA 720 VA 720 VA 360 VA 1500 VA 0 VA 0 VA 1005 84	2200 VA 1380 VA 0 VA 600 VA 480 VA 0 VA 0 VA 314 0 VA Estimate 314 0 20 306	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE TOTAL CONT. LOAD: TOTAL CONT. LOAD: TOTAL EST. DEMANCE	CU-7' 66 7 AND SCREEN 6 ROOM 130 S Totals 22096 VA 22096 VA 92 A	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38
3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35 37 39 41 egend: VAC ighting other ower eccepta ooling	MEETING ROOM EAST RECEPTACLES MEETING ROOM WEST RECEPTACLES MEETING ROOM FLOOR RECEPTACLES MEETING ROOM GFCI RECEPTACLES MEETING ROOM FLOOR RECEPTACLES WATER HEATER WH-2 SPARE MEETING ROOM GAMING SYSTEM & TV AIR HOCKEY TABLE SPARE WALL HEATER SPARE EXTERIOR RECEPTACLES SPARE	20 A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	720 VA 540 VA 540 VA 0 VA 0 VA 0 VA 1210 10	2200 VA 1380 VA 0 VA 0 VA 180 VA 0 VA 0 VA 0 VA 180 VA 180 VA 10 VA 100.00% 100.00% 100.00%	720 VA 720 VA 720 VA 720 VA 360 VA 1500 VA 0 VA 0 VA 1005 84	2200 VA 1380 VA 0 VA 600 VA 480 VA 0 VA 0 VA 3 VA Estimate 314 0 112 920 306 307	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 40 A 15 A 15 A 20 A 20 A 20 A 20 A 20 A 20 A 20 A 20	OUTDOOR CONDENSER 'C AIR HANDLING UNIT AHU- AIR HANDLING UNIT AHU- EXHAUST FAN EF-15 SPARE SPARE SPARE SPARE OVERHEAD PROJECTOR A SMART LOCKER - LG MTG MOTORIZED AIR DAMPER SPARE TOTAL CONT. LOAD: TOTAL CONT. LOAD: TOTAL CONT. CUTTENT:	CU-7' 66 7 AND SCREEN 6 ROOM 130 S Totals 22096 VA 22096 VA 92 A	4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38

	Branch Panel: LP-B Location: MECH. 114 Supply From: Mounting: Surface Enclosure:				Volts: Phases: Wires:		Single			A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A	
lotes: E	EXISTING PANELBOARD; EXISTING CIRCUIT BR	EAKERS T	O REMAIN	UNLESS	NOTED	NITH [NO	TE]				
СКТ	Circuit Description	Trip	Poles		A		3	Poles	Trip	Circuit Description	СКТ
1	EXISTING RECEPTACLES [ETR]	20 A	1		480 VA			1	20 A	EXISTING RECEPTACLES [ETR]	2
3	EXISTING RECEPTACLES [ETR]	20 A	1			720 VA	360 VA	1	20 A	EXISTING SORTER [ETR]	4
5	SPARE [NOTE 2]	20 A	1	0 VA	180 VA	000) (4	400.1/4	1	20 A	NEW RECEPTACLE	6
7 9	NEW BATHROOM RECEPTACLES SPARE [NOTE 2]	20 A 20 A	1 1	0 VA	540 VA	360 VA	480 VA	1 1	20 A 20 A	EXISTING RECEPTACLES [ETR] EXISTING LOAD [ETR]	10
11	NEW CUH-1 [NOTE 1]	20 A	2	0 171	010 171	720 VA	900 VA	1	20 A	NEW STUDY ROOM RECEPTACLES	12
13				720 VA	240 VA			1	20 A	EXISTING SOUTH EAST LGTS [ETR]	14
15	NEW CIRC DESK RECEPTACLES	20 A	1			540 VA	240 VA	1	20 A	EXISTING SOUTH WEST LGTS [ETR]	16
17	NEW RECEPTACLES	20 A	1	360 VA	240 VA	700) (1	040.144	1	20 A	EXISTING CENTER WEST LOTS [ETR]	18
19 21	NEW CLEARSTORY FLOOR RECEPTACLES EXISTING FLOOR RECEPTACLES [ETR]	20 A 20 A	1 1	360 VA	240 VA	720 VA	240 VA	1 1	20 A 20 A	EXISTING CENTER WEST LGTS [ETR] EXISTING NORTH EAST LGTS [ETR]	20
23	EXISTING FLOOR RECEPTACLES [ETR]	20 A 20 A	1	300 VA	240 VA	720 VA	240 VA	1	20 A	EXISTING NORTH EAST LGTS [ETR]	22
25	NEW OPAC STATION	20 A	1	180 VA	240 VA			1	20 A	EXISTING ADULT AREA LGTS [ETR]	26
27	NEW PRINTER / SCANNER	20 A	1			540 VA	240 VA	1	20 A	EXISTING CLEAR STORY LGTS [ETR]	28
29	NEW PRINTER / SCANNER	20 A	1	540 VA	240 VA			1	20 A	EXISTING CENTER LGTS [ETR]	30
31	NEW WORKSTATION	20 A	1	260 \/4	260 \/4	720 VA	360 VA	1	20 A	EXISTING PARKING LOT LGTS [ETR]	32
33 35	NEW RESTROOM RECEPTACLES EXISTING EXTERIOR RECEPTACLES [ETR]	20 A 20 A	1 1	300 VA	360 VA	720 VA	90 VA	2	20 A 15 A	EXISTING LOAD [ETR] RECIRC PUMP 1 [NOTE 1]	34 36
37	NEW EWC	20 A	1	360 VA	90 VA	. 20 07	55 VA				38
39	NEW CHILDRENS AREA RECEPTACLES	20 A	1			900 VA	90 VA	2	15 A	RECIRC PUMP 2 [NOTE 1]	40
41	NETWORK SWITCH	30 A	1	960 VA	90 VA						42
			otal Load: tal Amps:		0 VA 3 A	9900	O VA B A				
			0 VA		100.00%		210	60 VA		Total Conn. Load: 17400 VA Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A	
	STALL NEW CIRCUIT BREAKER AS INDICATED ISTING CIRCUIT TO BECOME SPARE		0 7		100.00%		216	60 VA		Total Est. Demand: 17400 VA Total Conn. Current: 73 A	
1] = INS 2] = EXI	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure:				Volts: Phases: Wires:	120/240 \$ 1 3	Single	60 VA		Total Est. Demand: 17400 VA Total Conn. Current: 73 A	
1] = INS 2] = EXI	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface				Volts: Phases: Wires:	120/240 \$ 1 3	Single	Poles	Trip	Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A Al.C. Rating: Mains Type: Mains Rating: 225 A	CKT
1] = INS 2] = EXI Notes: E	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR	EEAKERS T	O REMAIN		Volts: Phases: Wires:	120/240 S 1 3	Single TE]			Total Est. Demand: 73 A Total Est. Demand Current: 73 A Total Est. Demand Current: 73 A A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A	2
1] = INS 2] = EXI Notes: E	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR]	Trip 20 A	Poles 2	800 VA	Volts: Phases: Wires:	120/240 S 1 3 WITH [NO	Single TE]	Poles 2	Trip 40 A	Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A Circuit Description OUTDOOR CONDENSER CU-1	2 4
1] = INS 2] = EXI Notes: E	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1]	Trip 20 A 15 A	O REMAIN Poles 2	800 VA	Volts: Phases: Wires:	120/240 S 1 3 WITH [NO	Single TE] 850 VA	Poles 2	Trip 40 A	Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A Circuit Description	2
1] = INS 2] = EXI lotes: E	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR]	Trip 20 A	Poles 2 1	800 VA 1340 VA	Volts: Phases: Wires:	120/240 \$ 1 3 WITH [NOT	Single TE]	Poles 2 2	Trip 40 A 30 A	Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A Circuit Description OUTDOOR CONDENSER CU-1	2 4 6
CKT	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1] SPARE [NOTE 3] AIR HANDLING UNIT AHU-3 [NOTE 1] SPARE [NOTE 3]	Trip 20 A 15 A 20 A 15 A 20 A	Poles 2 1 1 1 1 1 1 1 1	800 VA 1340 VA 1020 VA	Volts: Phases: Wires: NOTED V 850 VA 2000 VA	120/240 \$ 1 3 WITH [NOT	Single TE] 850 VA	Poles 2 2 2	Trip 40 A 30 A 30 A	Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A Circuit Description OUTDOOR CONDENSER CU-1 OUTDOOR CONDENSER CU-2 [NOTE1] OUTDOOR CONDENSER CU-3 OUTDOOR CONDENSER CU-3	2 4 6 8 10
CKT	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1] SPARE [NOTE 3] AIR HANDLING UNIT AHU-3 [NOTE 1] SPARE [NOTE 3] NEW EXHAUST FAN EF-14 [NOTE 1]	Trip 20 A 15 A 20 A 15 A 20 A 15 A	Poles 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	800 VA 1340 VA	Volts: Phases: Wires: NOTED V	120/240 \$ 1 3 WITH [NOTE: 1880 VA	Single TE] 8 850 VA 2000 VA 1800 VA	Poles 2 2 2 1	Trip 40 A 30 A 20 A	Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A Circuit Description OUTDOOR CONDENSER CU-1 OUTDOOR CONDENSER CU-2 [NOTE1] OUTDOOR CONDENSER CU-3 EXISTING WATER HEATER-2 [ETR]	2 4 6 8 10 12
1] = INS 2] = EXI 2] = EXI 4 1 3 5 7 9 11 13 15	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1] SPARE [NOTE 3] AIR HANDLING UNIT AHU-3 [NOTE 1] SPARE [NOTE 3] NEW EXHAUST FAN EF-14 [NOTE 1]	Trip 20 A 15 A 20 A 15 A 20 A 15 A 20 A	Poles 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	800 VA 1340 VA 1020 VA 30 VA	Volts: Phases: Wires: NOTED V 850 VA 2000 VA 1800 VA 480 VA	120/240 S 1 3 WITH [NO	Single TE] 850 VA 2000 VA	Poles 2 2 2 1 1	Trip 40 A 30 A 20 A 20 A	Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A Al.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A Circuit Description OUTDOOR CONDENSER CU-1 OUTDOOR CONDENSER CU-2 [NOTE1] OUTDOOR CONDENSER CU-3 EXISTING WATER HEATER-2 [ETR] EXISTING ATTIC EXHAUST FAN [ETR]	2 4 6 8 10 12 14
CKT	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1] SPARE [NOTE 3] AIR HANDLING UNIT AHU-3 [NOTE 1] SPARE [NOTE 3] NEW EXHAUST FAN EF-14 [NOTE 1]	Trip 20 A 15 A 20 A 15 A 20 A 15 A	Poles 2 1 1 1 1 1 1 1 1 1 2	800 VA 1340 VA 1020 VA	Volts: Phases: Wires: NOTED V 850 VA 2000 VA 1800 VA 480 VA	120/240 S 1 3 WITH [NO:	Single TE] 8 850 VA 2000 VA 1800 VA 360 VA	Poles 2 2 1 1 1 1 1	Trip 40 A 30 A 20 A 20 A	Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A MCB Rating: 225 A OUTDOOR CONDENSER CU-1 OUTDOOR CONDENSER CU-2 [NOTE1] OUTDOOR CONDENSER CU-3 EXISTING WATER HEATER-2 [ETR] EXISTING ADT [ETR] EXISTING ADT [ETR]	2 4 6 8 10 12 14 16 18
CKT	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1] SPARE [NOTE 3] AIR HANDLING UNIT AHU-3 [NOTE 1] SPARE [NOTE 3] NEW EXHAUST FAN EF-14 [NOTE 1] NEW EXHAUST FAN EF-12 [NOTE 1] EXISTING WATER HEATER-1 [ETR]	Trip 20 A 15 A 20 A 15 A 20 A 15 A 20 A 15 A	Poles 2 1 1 1 1 1 1 1 1 1 2	800 VA 1340 VA 1020 VA 30 VA 480 VA	Volts: Phases: Wires: NOTED V A 850 VA 2000 VA 1800 VA 480 VA	120/240 \$ 1 3 WITH [NOTE: 1880 VA	Single TE] 8 850 VA 2000 VA 1800 VA	Poles 2 2 2 1 1	Trip 40 A 30 A 20 A 20 A 20 A	Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A MCB Rating: 225 A Circuit Description OUTDOOR CONDENSER CU-1 OUTDOOR CONDENSER CU-2 [NOTE1] OUTDOOR CONDENSER CU-3 EXISTING WATER HEATER-2 [ETR] EXISTING ATTIC EXHAUST FAN [ETR] EXISTING ADT [ETR] BOILER-2	2 4 6 8 10 12 14 16 18 20
CKT	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1] SPARE [NOTE 3] AIR HANDLING UNIT AHU-3 [NOTE 1] SPARE [NOTE 3] NEW EXHAUST FAN EF-14 [NOTE 1] NEW EXHAUST FAN EF-12 [NOTE 1] EXISTING WATER HEATER-1 [ETR] EXISTING EXHAUST FAN EF-6 [ETR]	Trip 20 A 15 A 20 A 15 A 20 A 15 A 20 A 15 A 20 A	Poles 2 1 1 1 1 1 1 1 2 1	800 VA 1340 VA 1020 VA 30 VA	Volts: Phases: Wires: NOTED V A 850 VA 2000 VA 1800 VA 480 VA	120/240 S 1 3 WITH [NOT 800 VA 0 VA 0 VA 30 VA 480 VA	Single Single 8 850 VA 2000 VA 1800 VA 360 VA 430 VA	Poles 2 2 1 1 1 1 1 1 1	Trip 40 A 30 A 20 A 20 A 20 A 30 A	Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A MCB Rating: 225 A OUTDOOR CONDENSER CU-1 OUTDOOR CONDENSER CU-2 [NOTE1] OUTDOOR CONDENSER CU-3 EXISTING WATER HEATER-2 [ETR] EXISTING ADT [ETR] EXISTING ADT [ETR]	2 4 6 8 10 12 14 16 18
CKT 1 3 5 7 9 11 13 15 17 19 21	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1] SPARE [NOTE 3] AIR HANDLING UNIT AHU-3 [NOTE 1] SPARE [NOTE 3] NEW EXHAUST FAN EF-14 [NOTE 1] NEW EXHAUST FAN EF-12 [NOTE 1] EXISTING WATER HEATER-1 [ETR]	Trip 20 A 15 A 20 A 15 A 20 A 15 A 20 A 15 A	Poles 2 1 1 1 1 1 1 1 1 1 2	800 VA 1340 VA 1020 VA 30 VA 480 VA	Volts: Phases: Wires: NOTED V 850 VA 2000 VA 1800 VA 480 VA 240 VA 360 VA	120/240 S 1 3 WITH [NO:	Single TE] 8 850 VA 2000 VA 1800 VA 360 VA	Poles 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trip 40 A 30 A 20 A 20 A 20 A	Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A MCB Rating: 225 A Circuit Description OUTDOOR CONDENSER CU-1 OUTDOOR CONDENSER CU-2 [NOTE1] OUTDOOR CONDENSER CU-3 EXISTING WATER HEATER-2 [ETR] EXISTING ATTIC EXHAUST FAN [ETR] EXISTING ADT [ETR] BOILER-2 EXISTING EXHAUST FAN EF-7 [ETR]	2 4 6 8 10 12 14 16 18 20 22
CKT 1 3 5 7 9 11 13 15 17 19 21 23	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1] SPARE [NOTE 3] AIR HANDLING UNIT AHU-3 [NOTE 1] SPARE [NOTE 3] NEW EXHAUST FAN EF-14 [NOTE 1] NEW EXHAUST FAN EF-12 [NOTE 1] EXISTING WATER HEATER-1 [ETR] EXISTING EXHAUST FAN EF-6 [ETR] EXISTING WATER SOFTENER [ETR]	Trip 20 A 15 A 20 A 15 A 20 A 15 A 20 A 15 A 20 A 20 A 20 A	Poles 2 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1	800 VA 1340 VA 1020 VA 30 VA 480 VA	Volts: Phases: Wires: NOTED V 850 VA 2000 VA 1800 VA 240 VA 360 VA	120/240 S 1 3 WITH [NOT 800 VA 0 VA 0 VA 30 VA 480 VA	Single TE] 850 VA 2000 VA 1800 VA 430 VA 430 VA	Poles 2 2 1 1 1 1 1 1	Trip 40 A 30 A 20 A 20 A 20 A 20 A 20 A	Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A MCB Rating: 225 A Circuit Description OUTDOOR CONDENSER CU-1 OUTDOOR CONDENSER CU-2 [NOTE1] OUTDOOR CONDENSER CU-3 EXISTING WATER HEATER-2 [ETR] EXISTING ATTIC EXHAUST FAN [ETR] EXISTING ADT [ETR] BOILER-2 EXISTING EXHAUST FAN EF-7 [ETR] BOILER-1	2 4 6 8 10 12 14 16 18 20 22 24
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1] SPARE [NOTE 3] AIR HANDLING UNIT AHU-3 [NOTE 1] SPARE [NOTE 3] NEW EXHAUST FAN EF-14 [NOTE 1] NEW EXHAUST FAN EF-12 [NOTE 1] EXISTING WATER HEATER-1 [ETR] EXISTING WATER SOFTENER [ETR] EXISTING WATER SOFTENER [ETR] EXISTING EXHAUST FAN EF-10 [ETR]	Trip 20 A 15 A 20 A 15 A 20 A 15 A 20 A 20 A 20 A 20 A	Poles 2 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1	800 VA 1340 VA 1020 VA 30 VA 480 VA	Volts: Phases: Wires: NOTED V 850 VA 2000 VA 1800 VA 240 VA 360 VA	120/240 \$ 1 3 WITH [NOTA 800 VA 0 VA 0 VA 480 VA 480 VA	Single TE] 850 VA 2000 VA 1800 VA 430 VA 430 VA	Poles 2 2 1 1 1 1 1 1 1 1 1	Trip 40 A 30 A 20 A	Total Est. Demand: 17400 VA Total Conn. Current: 73 A Total Est. Demand Current: 73 A A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A Circuit Description OUTDOOR CONDENSER CU-1 OUTDOOR CONDENSER CU-2 [NOTE1] OUTDOOR CONDENSER CU-3 EXISTING WATER HEATER-2 [ETR] EXISTING ADT [ETR] BOILER-2 EXISTING EXHAUST FAN EF-7 [ETR] BOILER-1 EXISTING EXHAUST FAN EF-7 [ETR] BOILER-1 EXISTING EXHAUST FAN EF-7 [ETR]	2 4 6 8 10 12 14 16 18 20 22 24 26
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1] SPARE [NOTE 3] AIR HANDLING UNIT AHU-3 [NOTE 1] SPARE [NOTE 3] NEW EXHAUST FAN EF-14 [NOTE 1] NEW EXHAUST FAN EF-12 [NOTE 1] EXISTING WATER HEATER-1 [ETR] EXISTING EXHAUST FAN EF-6 [ETR] EXISTING EXHAUST FAN EF-10 [ETR] EXISTING EXHAUST FAN EF-10 [ETR] EXISTING EXHAUST FAN EF-3 [ETR] EXISTING EXHAUST FAN EF-3 [ETR] EXISTING EXHAUST FAN EF-9 [ETR]	Trip 20 A 15 A 20 A 15 A 20 A 15 A 20 A 20 A 30 A 20 A 20 A 30 A 20 A	Poles 2 1 1 1 1 1 1 1 2 1 1 1 2	800 VA 1340 VA 1020 VA 30 VA 480 VA 360 VA 480 VA	Volts: Phases: Wires: NOTED V 850 VA 2000 VA 1800 VA 480 VA 240 VA 360 VA 360 VA	120/240 \$ 1 3 WITH [NO* 800 VA 0 VA 30 VA 480 VA 480 VA 480 VA	Single TE] 850 VA 2000 VA 1800 VA 430 VA 430 VA	Poles 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Trip 40 A 30 A 20 A	Total Est. Demand: Total Conn. Current: 73 A Total Est. Demand Current: 73 A AI.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A MCB Rating: 225 A Circuit Description OUTDOOR CONDENSER CU-1 OUTDOOR CONDENSER CU-2 [NOTE1] OUTDOOR CONDENSER CU-3 EXISTING WATER HEATER-2 [ETR] EXISTING ATTIC EXHAUST FAN [ETR] EXISTING ATTIC EXHAUST FAN [ETR] EXISTING EXHAUST FAN EF-7 [ETR] BOILER-2 EXISTING EXHAUST FAN EF-7 [ETR] BOILER-1 EXISTING EXHAUST FAN EF-11 [ETR] HVAC CONTROLLER [ETR] SPARE [NOTE 3] SPARE [NOTE 3]	2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1] SPARE [NOTE 3] AIR HANDLING UNIT AHU-3 [NOTE 1] SPARE [NOTE 3] NEW EXHAUST FAN EF-14 [NOTE 1] NEW EXHAUST FAN EF-12 [NOTE 1] EXISTING WATER HEATER-1 [ETR] EXISTING EXHAUST FAN EF-6 [ETR] EXISTING EXHAUST FAN EF-10 [ETR] EXISTING EXHAUST FAN EF-3 [ETR] EXISTING EXHAUST FAN EF-3 [ETR] EXISTING EXHAUST FAN EF-9 [ETR] AIR HANDLING UNIT AHU-4 [NOTE 1]	Trip 20 A 15 A 20 A 15 A 20 A 15 A 20 A 30 A 20 A 30 A 20 A 30 A 20 A	Poles 2 1 1 1 1 1 1 1 2 1 1 1 2 1 1 1 1	800 VA 1340 VA 1020 VA 30 VA 480 VA 360 VA 480 VA	Volts: Phases: Wires: NOTED V 850 VA 2000 VA 1800 VA 240 VA 360 VA	120/240 \$ 1 3 WITH [NOTA 800 VA 0 VA 30 VA 480 VA 480 VA 480 VA	Single Single 850 VA 2000 VA 1800 VA 430 VA 430 VA 240 VA	Poles 2 2 1 1 1 1 1 1 1 1 2	Trip 40 A 30 A 20 A	Total Est. Demand: Total Conn. Current: 73 A Total Est. Demand Current: 73 A Al.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A MCB Rating: 225 A Circuit Description OUTDOOR CONDENSER CU-1 OUTDOOR CONDENSER CU-2 [NOTE1] OUTDOOR CONDENSER CU-3 EXISTING WATER HEATER-2 [ETR] EXISTING ATTIC EXHAUST FAN [ETR] EXISTING ATTIC EXHAUST FAN [ETR] EXISTING EXHAUST FAN EF-7 [ETR] BOILER-2 EXISTING EXHAUST FAN EF-7 [ETR] BOILER-1 EXISTING EXHAUST FAN EF-11 [ETR] HVAC CONTROLLER [ETR] SPARE [NOTE 3]	2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34
CKT 1 3 5 7 9 11 13 15 17 19 21 23 25 27 29 31 33 35	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1] SPARE [NOTE 3] AIR HANDLING UNIT AHU-3 [NOTE 1] SPARE [NOTE 3] NEW EXHAUST FAN EF-14 [NOTE 1] NEW EXHAUST FAN EF-12 [NOTE 1] EXISTING WATER HEATER-1 [ETR] EXISTING WATER SOFTENER [ETR] EXISTING EXHAUST FAN EF-3 [ETR] EXISTING EXHAUST FAN EF-3 [ETR] EXISTING EXHAUST FAN EF-9 [ETR] AIR HANDLING UNIT AHU-4 [NOTE 1] SPARE [NOTE 3]	Trip 20 A 15 A 20 A 30 A 20 A 20 A 20 A 20 A 20 A 20 A	Poles 2 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1	800 VA 1340 VA 1020 VA 30 VA 480 VA 360 VA 480 VA 1340 VA	Volts: Phases: Wires: NOTED V 850 VA 2000 VA 1800 VA 240 VA 360 VA 360 VA 0 VA	120/240 \$ 1 3 WITH [NOTA 800 VA 0 VA 30 VA 480 VA 480 VA 480 VA	Single Single 850 VA 2000 VA 1800 VA 430 VA 430 VA 240 VA	Poles 2 2 1 1 1 1 1 1 1 2	Trip 40 A 30 A 20 A	Total Est. Demand: Total Conn. Current: 73 A Total Est. Demand Current: 73 A 73 A A.I.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A MCB Rating: 225 A MCB Rating: 225 A Circuit Description OUTDOOR CONDENSER CU-1 OUTDOOR CONDENSER CU-2 [NOTE1] OUTDOOR CONDENSER CU-3 EXISTING WATER HEATER-2 [ETR] EXISTING ATTIC EXHAUST FAN [ETR] EXISTING ADT [ETR] BOILER-2 EXISTING EXHAUST FAN EF-7 [ETR] BOILER-1 EXISTING EXHAUST FAN EF-11 [ETR] HVAC CONTROLLER [ETR] SPARE [NOTE 3] SPARE [NOTE 3] OUTDOOR CONDENSER CU-4 [NOTE1]	2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36
CKT	Branch Panel: PP-A Location: MECH. 114 Supply From: Mounting: Surface Enclosure: EXISTING PANELBOARD; EXISTING CIRCUIT BR Circuit Description AIR HANDLING UNIT AHU-1 [ETR] AIR HANDLING UNIT AHU-2 [NOTE 1] SPARE [NOTE 3] AIR HANDLING UNIT AHU-3 [NOTE 1] SPARE [NOTE 3] NEW EXHAUST FAN EF-14 [NOTE 1] NEW EXHAUST FAN EF-12 [NOTE 1] EXISTING WATER HEATER-1 [ETR] EXISTING EXHAUST FAN EF-6 [ETR] EXISTING EXHAUST FAN EF-10 [ETR] EXISTING EXHAUST FAN EF-3 [ETR] EXISTING EXHAUST FAN EF-3 [ETR] EXISTING EXHAUST FAN EF-9 [ETR] AIR HANDLING UNIT AHU-4 [NOTE 1]	Trip 20 A 15 A 20 A 15 A 20 A 15 A 20 A 30 A 20 A 30 A 20 A 30 A 20 A	Poles 2 1 1 1 1 1 1 1 2 1 1 1 2 1 1 1 1	800 VA 1340 VA 1020 VA 30 VA 480 VA 360 VA 480 VA 1340 VA	Volts: Phases: Wires: NOTED V 850 VA 2000 VA 1800 VA 480 VA 240 VA 360 VA 360 VA	120/240 \$ 1 3 WITH [NOTA 800 VA 0 VA 30 VA 480 VA 480 VA 480 VA	Single Single 850 VA 2000 VA 1800 VA 430 VA 430 VA 240 VA	Poles 2 2 1 1 1 1 1 1 1 1 2	Trip 40 A 30 A 20 A	Total Est. Demand: Total Conn. Current: 73 A Total Est. Demand Current: 73 A AI.C. Rating: Mains Type: Mains Rating: 225 A MCB Rating: 225 A MCB Rating: 225 A Circuit Description OUTDOOR CONDENSER CU-1 OUTDOOR CONDENSER CU-2 [NOTE1] OUTDOOR CONDENSER CU-3 EXISTING WATER HEATER-2 [ETR] EXISTING ATTIC EXHAUST FAN [ETR] EXISTING ATTIC EXHAUST FAN [ETR] EXISTING EXHAUST FAN EF-7 [ETR] BOILER-2 EXISTING EXHAUST FAN EF-7 [ETR] BOILER-1 EXISTING EXHAUST FAN EF-11 [ETR] HVAC CONTROLLER [ETR] SPARE [NOTE 3] SPARE [NOTE 3]	2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34

Demand Factor

105 A

Estimated Demand

Panel Totals

Total Conn. Load: 29360 VA
Total Est. Demand: 29360 VA
Total Conn. Current: 122 A

Total Est. Demand Current: 122 A

140 A

Total Amps:

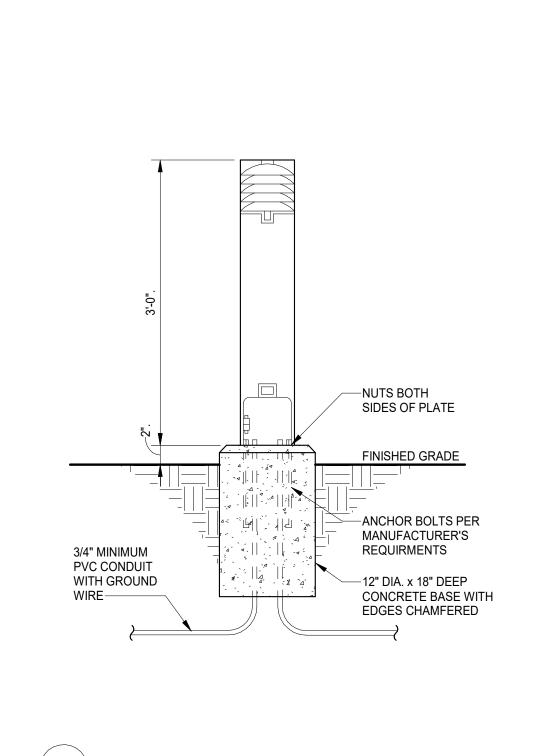
[1] = REPLACE EXISTING CIRCUIT BREAKER WITH NEW BREAKER AS INDICATED AND SALVAGE EXISTING BREAKER AS SPARE

[2] = INSTALL SALVAGED CIRCUIT BREAKER IN PLACE OF EXISTING BREAKER

[3] = EXISTING CIRCUIT TO BECOME SPARE

Legend:

Load Classification

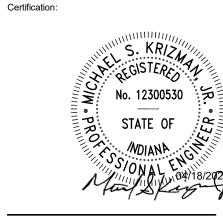


(1) DETAIL - ILLUMINATED BOLLARD

MKM architecture +

architecture + design

435 E. Brackenridge Street
Fort Wayne, Indiana 46802
P: 260.422.0783
www.MKMdesign.com



ARCHITECTURE • ENGINEERING • PLANNING SURVEYING • CONSTRUCTION SERVICES DLZ Indiana, LLC

2211 E. Jefferson Blvd.
South Bend, Indiana 46615

Key Plan:

P: 574.263.4400 www.dlz.com

SCOPE OF WORK

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SJCPL - LASALLE BRANCH RENOVATION & ADDITION 3233 ADRMORE TRAIL,

REVISION

No. Date Revision

1 04.18.2025 ADDENDUM 2

DRAWING CONTENTS:
ELECTRICAL SCHEDULES
AND DETAILS

ISSUE DATE: PROJECT NO. 2561-4061-50 / 25004

DRAWING NO.

E-600