ADDENDUM #01 11-04-2026

NEOMED
Library Renovation

HAI PROJECT NO. 26028.000

TO: ALL BIDDERS

This Addendum becomes a part of the Contract Documents and modifies the original Bidding Documents dated date, as noted below. The Bidder shall acknowledge receipt of this Addendum on the Form of Proposal. Failure to do so may subject the Bidder to disqualification.

CHANGES TO PRIOR ADDENDA:

1. None.

GENERAL CLARIFICATIONS:-

1. Attached is the sign in sheet from the Pre-Bid meeting held at the site on Thursday October 29, 2026.

QUESTIONS FROM BIDDERS:

1. **Q:** Drawings A2-2 notes a wall type 1B between column line 30 and 31 along column line 10. I do not see any wall types on the drawings. Can you please clarify what that wall type is.
   A: Wall type 1B in question has been removed from the project scope.
2. **Q:** On A9-2 in between rooms A202A and Small Group Study A248, is CPT-5 supposed to be going the same direction as CPT-3 in Galleria A201? If so, I believe the transition pieces should be CPT-4, not CPT-8.
   A: Refer to attached image for carpet tile orientation

CHANGES TO PROJECT MANUAL:

1. None.

CHANGES TO DRAWINGS:

1. Sheet A0-0:
   a. Updated drawing index with added sheet A2-1.
2. Sheet A1-2:
   a. Identified location where materials can be removed from and brought into project area.
3. Sheet A2-1:
   a. Added sheet showing layout of first floor plan below work area.
   b. Added vicinity map showing suggested location for dumpster and path between dumpster and work area.
4. Sheet A2-2:
   a. Modified enclosed study room layout.
   b. Added floor outlets.
5. Sheet A3-2:
   a. Modified ceiling layout based on change to layout of study rooms.
6. Sheet A9-1:
   a. Modified carpet layout based on change to layout of study rooms.
7. Sheet FP1-1:
   a. Added note and new sprinkler head for new interior study room.

8. Sheet M2-1:
    a. Modified ductwork for new study room layout.
    b. Added new AL6 diffuser and TL10 grille.
    c. Modified diffuser CFM values for new layout.
9. Sheet M3-2:
    a. Modified TB-14 max CFM airflow from 800 to 850 CFM.
10. Sheet E0-1:
    a. Added RASF Panel Schedule for Quiet Study Area poke through.
    b. Updated symbol legend.
11. Sheet E1-2:
    a. Updated lighting layout and controls to match updated floor plan.
    b. Added light fixture designation and controls diagram details.
12. Sheet A1-3:
    a. Added poke throughs to Library and Quiet Study areas.

END OF ADDENDUM

PRE-BID MEETING SIGN-IN SHEET

Project: Library Renovation	Date: October 29, 2026
Facilitator: Dale Hluch	Place/Room: Upper R-bldg 10:00 A.M.

NAME (Line 1 - Print, Line 2 - Signature)	COMPANY	PHONE	E-MAIL
1. Dale Hluch	NEOMED	330-325-6191	dhluch@neomed.edu
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2.			
1. Greg Chaplin	Hasenstab Architects	330-434-4464	gchaplin@hasenstabinc.com
2.			
1. Bryce McKenzie	Wright Engineering	330-642-6083 x706	bmkenzie@wright-engineering.com
2.			
1. Keith Wesse	Summit Const	330 376-1317	kwesse@summitconstruction.com
2.			
1. Brian Seeley	Town Center Const	330-908-0785	Bseeley@towncenterconstruction.com
2.			
1. Dominic Pantone	Masterpiece Painting	(330) 395-9900	mpc@masterpiecepainting.com
2.			
1. Connie Sochar	Millstone Management	216-469-1738	Connie@millstonemgmtgroup.com
2. Robert Waltz	T.H. Martin Inc	234-382-7757	rwaltz@THmartin.net

PRE-BID MEETING SIGN-IN SHEET	
Project: Library Renovation	**Date: October 29, 2026**
Facilitator: Dale Hluch	**Place/Room: Upper R-bldg 10:00 A.M.**

NAME (Line 1 - Print, Line 2 - Signature)	COMPANY	PHONE	E-MAIL
1. Mike Menz 2.	Murphy Contracting	330-978-4624	MM@MurphyContracting.com
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Northeast Ohio Medical University

Dan Moore	SA Commodle	330 352-9801	Dan.Moore@commodle.com
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PRE-BID MEETING SIGN-IN SHEET

Project: Library Renovation	**Date: October 29, 2026**
Facilitator: Dale Hluch	**Place/Room: Upper R-bldg 10:00 A.M.**

NAME (Line 1 - Print, Line 2 - Signature)	COMPANY	PHONE	E-MAIL
1. Jon Hefner	Continental Constr	3308071045	Jon.Hefner@ContinentalCanDo.com
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2. ~~Larry Vogt~~			
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2. Kevin Shaver	Johnson Controls FIRE PROTECTION	440 334 8719	Kevin.Michael.Shaver@JCI.com

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Jim Amburgey — United Contractors — 330-402-6140 — JimeUCIbuilds.com

Brandon Proudfoot — Hilscher-clarke — 330-316-5307 — Brandon.proudfoot@hilscher-clarke.com

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Bob Hilbig Vector Construction 4402477405
rhilbig@vectorconstruction.net


3
3


8
8
Horiz.


4
5


8
8
Horiz.

CONSTRUCTION DOCUMENTS

ISSUE DATE: 11/04/2026

LIBRARY RENOVATION

4209 STATE ROUTE 44
ROOTSTOWN, OH 44272

PROJECT NUMBER 26028.000

ARCHITECTURAL ABBREVIATIONS

ABBREVIATIONS BELOW ARE APPLICABLE TO ALL ARCHITECTURAL SERIES DRAWINGS.

AFF	ABOVE FINISH FLOOR	FAMAB	FLUID APPLIED MEMBRANE AIR AND WATER RESISTIVE BARRIER	NA	NOT APPLICABLE
ALUM	ALUMINUM	FBC	FURNISHED BY CONTRACTOR	NIC	NOT IN CONTRACT
AHU	AIR HANDLING UNIT	FBO	FURNISHED BY OWNER	NO	NUMBER
APC	ACOUSTICAL PANEL CEILING	FD	FLOOR DRAIN	NTS	NOT TO SCALE
BD	BOARD	FE	FIRE EXTINGUISHER	OC	ON CENTER
BLDG	BUILDING	FF	FINISHED FLOOR	ORD	OVERFLOW ROOF DRAIN
CA	COUNTER SUPPORT ANGLE	FEC	FIRE EXTINGUISHER CABINET	PP	AUTOMATIC DOOR PUSH PLATE
C/C	CENTER TO CENTER	FIN	FINISH	PSI	POUNDS PER SQUARE INCH
CJ	CONTROL JOINT	FP	FILLER PANEL	R	RISER
CL	CENTER LINE	FRT	FIRE RETARDANT TREATED WOOD	RD	ROOF DRAIN
CLR	CLEAR	GA	GAUGE	REQ	REQUIRED
CMU	CONCRETE MASONRY UNIT	GALV	GALVANIZED	RO	ROUGH OPENING
CO	CLEAN OUT	GF	GLAZING FILM	SC	SHOWER CURTAIN
COL	COLUMN	GYP	GYPSUM	SCU	SCUPPER
CONC	CONCRETE	HB	HOSE BIB	SF	SQUARE FEET
CONT	CONTINUOUS	HC	HOSE CABINET	SHT	SHEET
CR	CARD READER	HT	HEIGHT	SIM	SIMILAR
CUH	CABINET UNIT HEATER	HM	HOLLOW METAL	SPEC	SPECIFICATIONS
CY	CUBIC YARD	HORIZ	HORIZONTAL	SS	SOLID SURFACE
CW	CURTAIN WALL	IBC	INSTALLED BY CONTRACTOR	SSTL	STAINLESS STEEL
DEPT	DEPARTMENT	IBO	INSTALLED BY OWNER	STL	STEEL
DI	DEIONIZED WATER	IG	INSULATED GLAZING UNIT	STRUC	STRUCTURAL
DIA	DIAMETER	IJ	ISOLATION JOINT	T	TREAD
DIM	DIMENSION	IN	INCHES	THK	THICK
DN	DOWN	LBS	POUNDS	TOM	TOP OF MASONRY
DWG	DRAWING	MAX	MAXIMUM	TOS	TOP OF STEEL
DS	DOWN SPOUT	MECH	MECHANICAL	TYP	TYPICAL
EA	EACH	MEP	MECHANICAL, ELECTRICAL, & PLUMBING	UNO	UNLESS NOTED OTHERWISE
EJ	EXPANSION JOINT	MFR	MANUFACTURER	VERT	VERTICAL
ELEC	ELECTRICAL	MH	MANHOLE	VIF	VERIFY IN THE FIELD
ELEV	ELEVATION	MIN	MINIMUM	W	WIDE
EQ	EQUAL	MISC	MISCELLANEOUS	W/	WITH
EW	EACH WAY	MO	MASONRY OPENING	ZVB	ZONE VALVE BOX
EWC	ELECTRIC WATER COOLER				
EWS	EYE WASH STATION				
EXIST	EXISTING				

REFER TO PROJECT MANUAL AND/OR SCHEDULES WHEN MULTIPLE TYPES OF AN ITEM OCCUR (FEC-1, FEC-2, ETC. ..).
ALL ITEMS INDICATED MAY NOT BE INCLUDED IN THE PROJECT SCOPE. REFER TO DRAWINGS FOR SPECIFIC INSTANCES.

MATERIALS LEGEND

- BRICK (PLAN / SECTION)
- CONCRETE
- CONCRETE BLOCK (PLAN / SECTION)
- EARTH
- FINISH WOOD
- GRAVEL
- GYPSUM BOARD
- PLYWOOD
- RIGID INSULATION
- MINERAL WOOL
- ROUGH WOOD
- STEEL

GENERAL NOTES

1. THE VARIOUS DRAWINGS COMPRISING THIS SET OF DRAWINGS ARE INTERDEPENDENT AND MUST BE USED JOINTLY TO EXECUTE THE WORK.
2. WHERE DISCREPANCIES OCCUR BETWEEN FLOOR PLANS, DETAILS AND LARGER SCALE PLANS, CONTRACTOR SHALL CONSULT THE ARCHITECT FOR CLARIFICATION. WHERE DISCREPANCIES OCCUR BETWEEN ARCHITECTURAL AND ALL OTHER DRAWINGS, CONTRACTOR SHALL CONSULT THE ARCHITECT FOR INTERPRETATIONS.
3. MECHANICAL, ELECTRICAL, PLUMBING, AND STRUCTURAL WORK IS INDICATED ON THE HVAC, PLUMBING, ELECTRICAL, TECHNOLOGY AND STRUCTURAL DRAWINGS. CONTRACTORS MUST REFER TO ALL ARCHITECTURAL SERIES DRAWINGS, AS WELL AS MECHANICAL, ELECTRICAL, PLUMBING, AND STRUCTURAL DRAWINGS, WHEN INSTALLING MECHANICAL, ELECTRICAL, PLUMBING, AND STRUCTURAL WORK.
4. DO NOT SCALE THE DRAWINGS. IF QUESTIONS ARISE, CONTACT THE ARCHITECT FOR CLARIFICATION.
5. EXISTING BUILDING INFORMATION IS BASED ON ORIGINAL CONSTRUCTION DOCUMENTS AND IS NOT INTENDED TO REPRESENT EXISTING "AS-BUILT" CONDITIONS. CONTRACTORS SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING CONDITIONS.

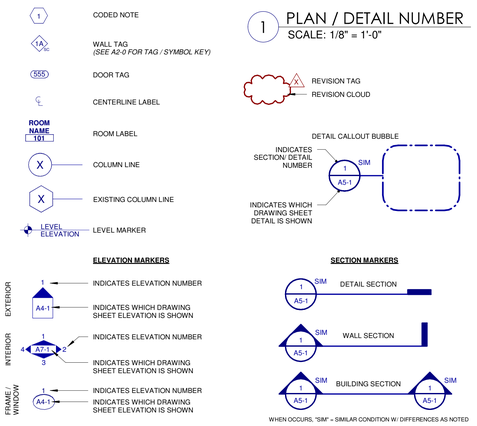
WARNING! ASBESTOS HAZARD

THIS PROJECT AREA MAY CONTAIN ASBESTOS MATERIALS USED FOR FIREPROOFING AND INSULATION.
THE CONSTRUCTION AREA HAS BEEN CLEANED OF THESE MATERIALS PRIOR TO COMMENCEMENT OF WORK.
ASBESTOS MAY BE ENCOUNTERED IN THE COURSE OF NEW WORK OR DEMOLITION ACTIVITIES.

IF ANY MATERIAL IS UNCOVERED WHICH IS SUSPECTED TO CONTAIN ASBESTOS, CEASE WORK & NOTIFY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL POST OSHA APPROVED SIGNS WHICH WILL REMAIN IN PLACE, ALERTING THE TRADESMEN TO THE HAZARDOUS CONDITION.

ARCHITECTURAL LEGEND

NOTE: REFER TO INDIVIDUAL DRAWING LEGENDS FOR ADDITIONAL SYMBOLS



PROJECT INTENT

THE PROJECT INTENT IS TO COMPLETE ALTERATION WORK TO THE SECOND FLOOR OF THE BUILDING. THE INTENT IS TO LIMIT PRIMARY ALTERATION WORK TO THE PROJECT AREAS AS DEFINED BY THE CONSTRUCTION DOCUMENTS AND TO PROVIDE ADDITIONAL INFRASTRUCTURE IMPROVEMENTS TO AREAS OUTSIDE THE PROJECT AREA, WITH NO CHANGE IN THE USE OR CONSTRUCTION CLASSIFICATION. THERE ARE NO ADDITIONS WHICH MODIFY THE EXISTING BUILDING AREA, OCCUPANCIES, OR USES. ALL NEW WORK PERFORMED SHALL COMPLY WITH **2024 OHIO EXISTING BUILDING CODE: PRESCRIPTIVE COMPLIANCE METHOD.**

THE PROJECT SCOPE SHALL BE LIMITED TO ALTERATION WORK AS INDICATED ON THE CONSTRUCTION DOCUMENTS. ALTERATION WORK AND IMPROVEMENTS WITHIN THE PROJECT AREA INCLUDE, BUT SHALL NOT BE LIMITED TO, THE FOLLOWING SYSTEMS: HVAC, PLUMBING, FIRE SUPPRESSION, FIRE ALARM, NORMAL POWER, EMERGENCY POWER, DATA AND COMMUNICATION, LIGHTING, INTERIOR PARTITIONS, DOORS AND HARDWARE, AND INTERIOR FINISHES.

OWNER

NEOMED
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ARCHITECT

HASENSTAB ARCHITECTS, INC.
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ELECTRICAL ENGINEER

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MECHANICAL ENGINEER

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DRAWING INDEX

A0-0	COVER SHEET
A0-2	LIFE SAFETY PLAN - LEVEL 2
A1-2	DEMOLITION PLAN - LEVEL 2
A2-1	FLOOR PLAN - LEVEL 1
A2-2	FLOOR PLAN - LEVEL 2
A3-2	REFLECTED CEILING PLAN - LEVEL 2
A3-3	ACOUSTICAL BAFFLES REFLECTED CEILING PLAN
A9-1	FINISH PLAN - LEVEL 2
FP0-1	FIRE PROTECTION GENERAL INFORMATION
FP1-1	FIRE PROTECTION DEMOLITION PLAN - LEVEL 2
M0-1	MECHANICAL GENERAL INFORMATION
M1-1	MECHANICAL DEMOLITION PLAN - LEVEL 2
M2-1	MECHANICAL DUCTWORK PLAN - LEVEL 2
M2-2	MECHANICAL PIPING PLAN - LEVEL 2
M2-3	MECHANICAL ROOM PLAN
M2-4	MECHANICAL PIPING PLAN - LEVEL 1
M3-1	MECHANICAL SCHEDULES AND DETAILS
M3-2	MECHANICAL SCHEDULES AND DETAILS
E0-1	ELECTRICAL GENERAL INFORMATION
E0-2	ELECTRICAL SPECIFICATIONS
E1-1	ELECTRICAL DEMOLITION PLAN - LEVEL 2
E1-2	LIGHTING PLAN - LEVEL 2
E1-3	POWER AND SYSTEMS PLAN - LEVEL 2
E1-4	ELECTRICAL ROOM PLAN - LEVEL 2

CODE INFORMATION

REGULATORY INFO

BUILDING PERMIT JURISDICTION	STATE OF OHIO
PLUMBING PERMIT JURISDICTION	STATE OF OHIO
BUILDING CODE JURISDICTION	
2024 OHIO BUILDING CODE	2021 IFGC
2024 OHIO EXISTING BUILDING CODE - PRESCRIPTIVE COMPLIANCE METHOD	2021 IECC
2024 OHIO MECHANICAL CODE	2022 NFPA 13
2024 OHIO PLUMBING CODE	2022 NFPA 72
2023 NATIONAL ELECTRIC CODE	2017 OHIO FIRE CODE
2017 ICC A117.1	
RISK CATEGORY	3
FIRE SUPPRESSION	FULL

OBC: CHAPTER 3

USE GROUP CLASSIFICATION B

OBC: CHAPTER 5

HEIGHT

ALLOWABLE BUILDING HEIGHT (504.3)	36 FEET
ACTUAL BUILDING HEIGHT	25 FEET
ACTUAL BUILDING STORIES	2

AREA

EXISTING FLOOR AREA	12,470 SF

OBC: CHAPTER 6

CONSTRUCTION TYPE 2B

	HOUR RATING	UL ASSEMBLY
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS - TABLE 601		
PRIMARY STRUCTURAL FRAME		
COLUMNS SUPPORTING FLOORS	0	
COLUMNS SUPPORTING ONLY ROOFS	0	
MEMBERS SUPPORTING FLOORS	0	
MEMBERS SUPPORTING ONLY ROOFS	0	
BEARING WALLS		
EXTERIOR	0	
INTERIOR	0	
NONBEARING WALLS AND PARTITIONS EXTERIOR WALLS SEPARATED < XX'	0	
FLOOR CONSTRUCTION AND SECONDARY MEMBERS	0	
ROOF CONSTRUCTION AND SECONDARY MEMBERS	0	

OBC: CHAPTER 8

INTERIOR WALL AND CEILING FINISH FLAME SPREAD AND SMOKE-DEVELOPED INDEX REQUIREMENTS: TABLE 803.13

EXIT STAIRWAYS, EXIT RAMPS, & EXIT PASSAGEWAYS	CLASS B (FS: 26-75, SD: 0-450)
CORRIDORS AND ENCLOSURES FOR EXIT ACCESS STAIRWAYS AND EXIT ACCESS RAMPS	CLASS C (FS: 76-200, SD: 0-450)
ROOMS AND ENCLOSED SPACES	CLASS C (FS: 76-200, SD: 0-450)

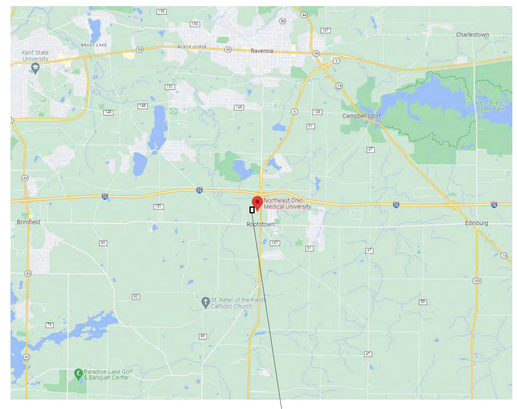
OBC: CHAPTER 10

MAXIMUM DESIGN OCCUPANT LOAD AND REQUIREMENTS

LEVEL	OCCUPANTS	EXITS REQUIRED	EXITS PROVIDED
SECOND FLOOR	125	2	3

	REQUIRED	PROVIDED
EXIT LENGTH	XX	XX
CORRIDOR WIDTH	36	60
EXIT DOOR WIDTH	36	72

LOCATION MAP



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ROOTSTOWN, OH 44272

Northeast Ohio MEDICAL UNIVERSITY

STATE OF OHIO
DENNIS M. CHECK
8909110
REGISTERED ARCHITECT

DENNIS M. CHECK, 8909110 - 12/31/2027

	ISSUE / REVISION	DATE
1	SD SET	07/10/2026
2	DD SET	08/14/2026
3	OWNER REVIEW SET	09/10/2026
4	CONSTRUCTION DOCUMENTS	10/09/2026
5	BID AND PERMIT	10/16/2026
A	ADDENDUM 1	11/04/2026

PROJECT NO. 26028.000

COVER SHEET

A0-0

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1 DEMOLITION PLAN - LEVEL 2
SCALE: 1/8" = 1'-0"

DEMOLITION CODED NOTES

NOTE: ALL CODED NOTES MAY NOT APPEAR ON EVERY SHEET.

1	EXISTING EXPANSION JOINT
2	EXISTING LAY IN CEILING GRID AND PADS, LIGHTS, HVAC DIFFUSERS, ETC. TO BE REMOVED
3	WHERE EXISTING CEILING GRID IS TO REMAIN ON ONE SIDE OF EXISTING WALL REMOVE GRID ON 'REMAINING' SIDE AND REWORK GRID AS INDICATED ON DETAIL 3/A3-2.
4	EXISTING CARPET AND WALL BASE TO BE REMOVED
5	EXISTING ELECTRIC, WALL MOUNTED FIREPLACE TO BE REMOVED AND SALVAGED FOR RE-INSTALLATION
6	EXISTING GYPSUM BOARD CEILING TO REMAIN
7	EXISTING BUILT IN CASEWORK TO BE REMOVED
8	EXISTING WOOD 2x CHAIR RAIL TO BE REMOVED. DEMOLITION TO BE COMPLETED IN SUCH A MANNER TO ALLOW FOR ATTACHMENT OF NEW CHAIR RAIL
9	PORTION OF EXISTING LAY IN CEILING AND GRID TO BE REMOVED AS REQUIRED TO PROVIDE ACCESS TO PROPOSED ABOVE CEILING ELECTRICAL WORK. CEILING TO BE REPLACED AFTER ELECTRICAL WORK IS COMPLETE
10	LOCATION OF WINDOW REMOVAL FOR PROJECT AREA ACCESS. WINDOW TO BE REINSTALLED AT END OF PROJECT.

GENERAL NOTES

7. FILL AND LEVEL ALL HOLES IN FLOORS AND WALLS AFTER REMOVAL OF PIPES, DUCTS, CONDUIT AND OTHER PENETRATING ITEMS. MAINTAIN REQUIRED FIRE RATINGS.
8. ALL DEMOLISHED ITEMS ARE TO REMAIN THE PROPERTY OF THE OWNER AT THEIR DISCRETION. ALL ITEMS NOT RETAINED BY THE OWNER SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR. SEE CODED NOTES FOR SPECIFIC ITEMS TO BE REMOVED, REINSTALLED, AND/OR TURNED OVER TO THE OWNER.
9. ALL DEMOLITION ACTIVITIES SHALL BE COORDINATED WITH THE OWNER TO MINIMIZE DISRUPTION OF NORMAL DAILY ACTIVITIES IN THE PROJECT AREA.
10. TEMPORARY PARTITIONS ARE TO BE ERECTED PRIOR TO COMMENCEMENT OF DEMOLITION WORK AND ARE TO REMAIN IN PLACE UNTIL WORK IS COMPLETED, UNO. REFER TO PROJECT MANUAL FOR REQUIREMENTS.
11. ALL STRUCTURAL MEMBERS ARE TO REMAIN AND BE PROTECTED UNLESS OTHERWISE NOTED. NOTIFY ARCHITECT PRIOR TO DEMOLITION IF ITEM INDICATED TO BE REMOVED IS SUSPECTED AS STRUCTURAL ELEMENT.
12. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND STRUCTURAL DRAWINGS FOR REQUIRED DEMOLITION AND RELATED WORK.
13. RESUPPORT EXISTING CONDUIT, PIPING AND EQUIPMENT TO REMAIN AS REQUIRED DUE TO DEMOLITION.
14. REFER TO PHASING DIAGRAMS (IF APPLICABLE) FOR INFORMATION REGARDING SEQUENCING, WORK RESTRICTIONS AND REQUIREMENTS SPECIFIC TO THE INTENDED USE OF SPACES DURING CONSTRUCTION.

GENERAL NOTES

1. **REFER TO PROJECT MANUAL, SECTION 017329, FOR INFORMATION RELATED TO CUTTING AND PATCHING. THIS INCLUDES MAINTAINING WEATHER TIGHT CONDITIONS, MAINTAINING EXISTING WARRANTIES, MATCHING EXISTING FINISHES, CONDUCTING FIELD MEASUREMENTS, PROTECTING EXISTING IN-PLACE CONSTRUCTION, FLOOR LEVELING, AND MORE.**
2. WALLS ARE GYPSUM BOARD ON METAL STUDS UNLESS NOTED OTHERWISE. REMOVE ENTIRE WALL TO UNDERSIDE OF DECK UNLESS NOTED OTHERWISE. CONFIRM EXISTING CONDITIONS.
3. REMOVE FLOORING AND BASE WHERE NEW FINISHES ARE INDICATED AND AS NOTED. PATCH AND REPAIR SUBSTRATES FOR NEW FINISHES. FLOORING/BASE TO BE REMOVED IS CARPET WITH VINYL BASE UNLESS NOTED OTHERWISE.
4. REMOVE CEILING WHERE NEW CEILINGS ARE INDICATED AND AS NOTED. REMOVE ALL UNUSED AND ABANDONED FASTENERS, SUPPORTS, BRACKETS, HANGERS, ETC., ABOVE THE CEILING. PATCH AND REPAIR WALL SURFACES FOR NEW CEILING INSTALLATION. CEILING TO BE REMOVED IS ACOUSTICAL PANEL CEILING UNLESS NOTED OTHERWISE.
5. IN DEMOLITION AREAS, REMOVE ALL MISCELLANEOUS ITEMS ON WALLS INCLUDING TACKBOARDS, TOILET ACCESSORIES, CORNER GUARDS AND OTHER WALL MOUNTED ITEMS, UNLESS NOTED OTHERWISE.
6. PATCH ALL EXISTING ADJACENT INTERIOR FINISHES TO REMAIN AS UNDISTURBED BY THE DEMOLITION TO MATCH ADJACENT SURFACES.

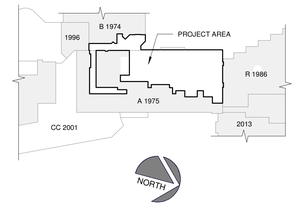
LEGEND

ALL DASHED ITEMS ARE TO BE REMOVED IN THEIR ENTIRETY UNLESS OTHERWISE NOTED

EQUIPMENT TO BE REMOVED AND REMAIN THE PROPERTY OF THE OWNER AT THEIR DISCRETION

FIXTURES / DEVICES TO BE REMOVED. SEE MEP DEMO DRAWINGS FOR EXTENTS OF CAPPING, REWORK, AND RECONNECTIONS AS REQUIRED

KEY PLAN - LEVEL 2



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DEMOLITION PLAN - LEVEL 2

A1-2

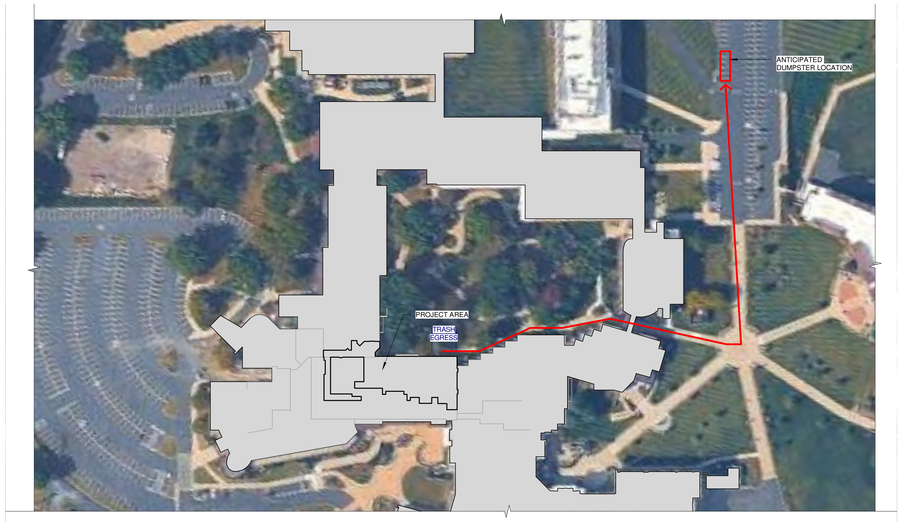
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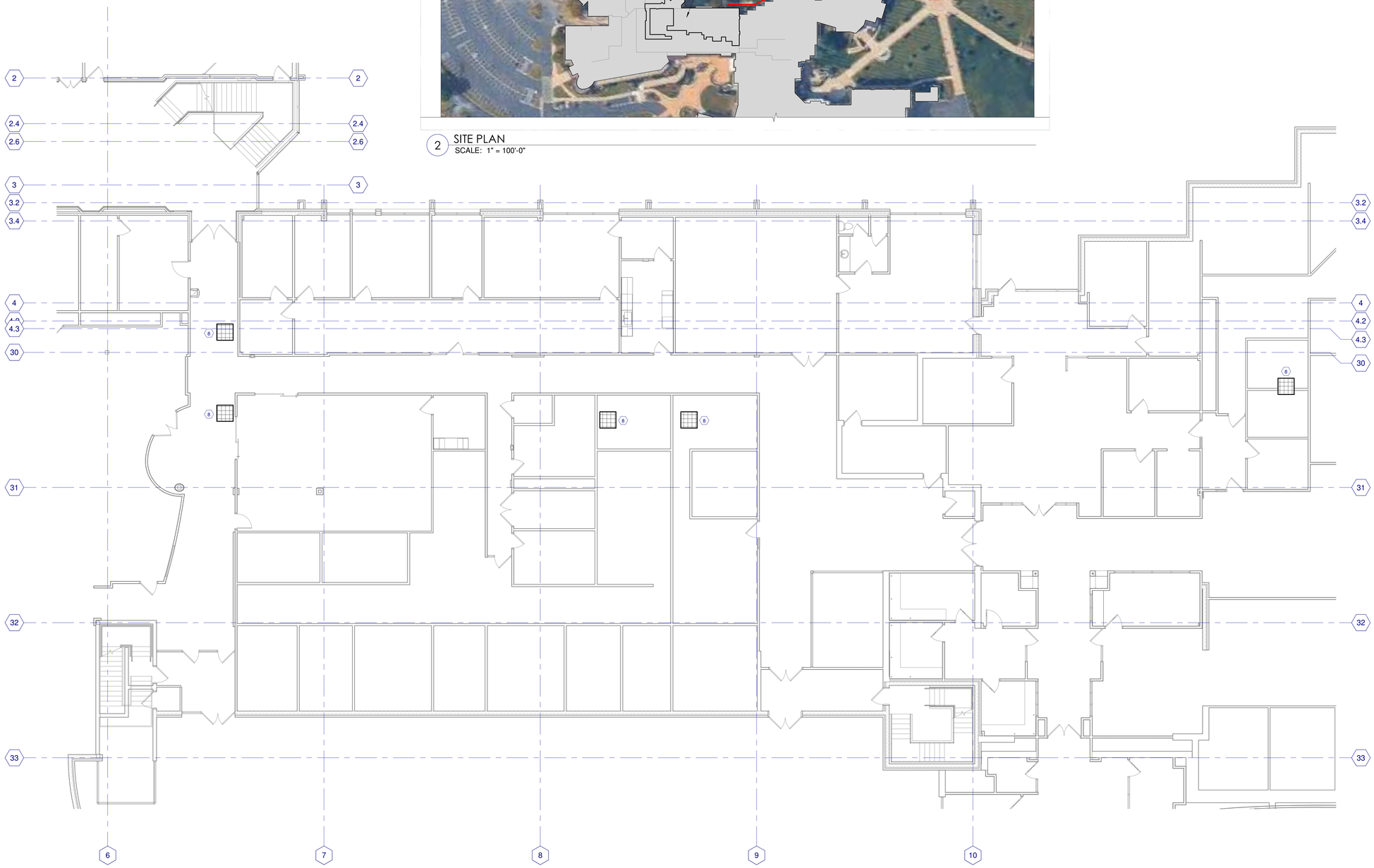
FLOOR PLAN CODED NOTES

NOTE: ALL CODED NOTES MAY NOT APPEAR ON EVERY SHEET

1	GLASS /ALUMINUM PARTITION SYSTEM TO MATCH PREVIOUS QUIET STUDY PROJECT. TO BE PURCHASED AND INSTALLED BY OWNER.
2	PORTION OF EXISTING BRICK TO BE PAINTED.
3	PORTION OF EXISTING BRICK WALL TO BE FURRED OUT WITH STUDS AND DRYWALL.
4	EXISTING BRICK TO REMAIN AS IS.
5	EXISTING PIPE NEAR CEILING TO BE PAINTED TO MATCH NEW WALL COLOR
6	2x MAPLE CHAIR RAIL, MATCH THICKNESS AND HEIGHT OF EXISTING CHAIR RAIL THAT WAS REMOVED. SECURE TO ALUMINUM FRAMING UTILIZING EXISTING FASTENER LOCATIONS. COUNTERSINK ALL FASTENERS AND PRVIDE WOOD PLUGS TO MATCH. PROVIDE CLEAR SEALER TO MATCH EXISTING GALLERIA HANDRAIL
7	FLOOR BOX, SEE ELECTRICAL DRAWINGS.
8	APPROXIMATE LOCATION OF SECOND FLOOR PENETRATION FOR NEW FLOOR OUTLET.



2 SITE PLAN
SCALE: 1" = 100'-0"



1 FLOOR PLAN - LEVEL 1 - FOR REFERENCE ONLY
SCALE: 1/8" = 1'-0"

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A	ADDENDUM 1	11/04/2026

PROJECT NO. 26028.000

FLOOR PLAN - LEVEL 1

A2-1

NO.

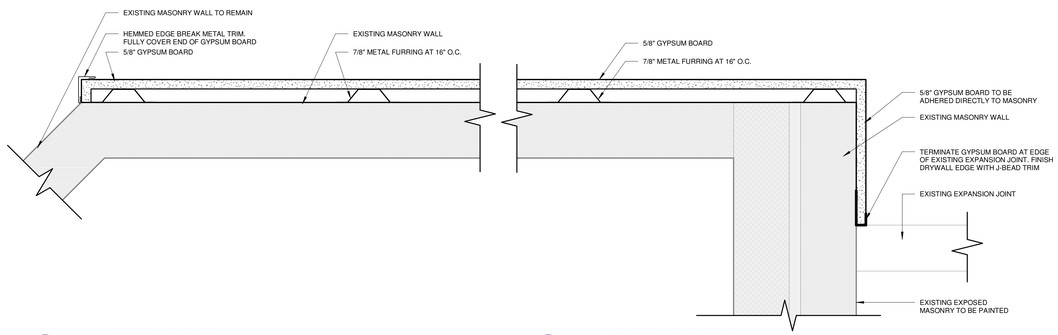
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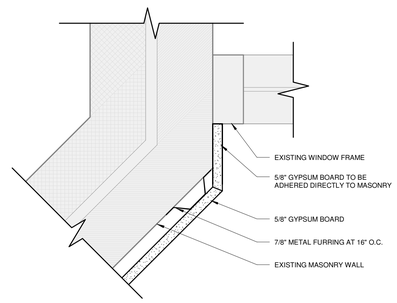
1 FLOOR PLAN - LEVEL 2
SCALE: 1/8" = 1'-0"

A 5 FLOOR PLAN - LEVEL 2 - AREA "B"
SCALE: 1/8" = 1'-0"



2 WALL FURRING DETAIL
SCALE: 3" = 1'-0"

3 WALL FURRING DETAIL
SCALE: 3" = 1'-0"



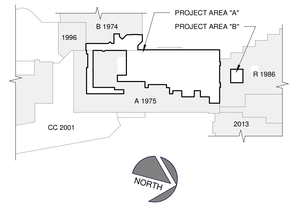
4 WALL FURRING DETAIL
SCALE: 3" = 1'-0"

FLOOR PLAN CODED NOTES

NOTE: ALL CODED NOTES MAY NOT APPEAR ON EVERY SHEET

1	GLASS / ALUMINUM PARTITION SYSTEM TO MATCH PREVIOUS QUIET STUDY PROJECT. TO BE PURCHASED AND INSTALLED BY OWNER.
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7	FLOOR BOX, SEE ELECTRICAL DRAWINGS.
8	APPROXIMATE LOCATION OF SECOND FLOOR PENETRATION FOR NEW FLOOR OUTLET.

KEY PLAN - LEVEL 2



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4	CONSTRUCTION DOCUMENTS	10/09/2026
5	BID AND PERMIT	10/16/2026
A	ADDENDUM 1	11/04/2026

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FLOOR PLAN - LEVEL 2

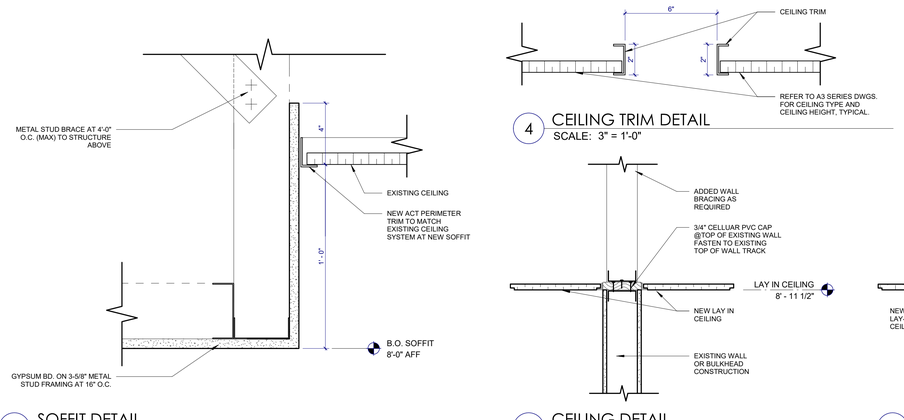
A2-2

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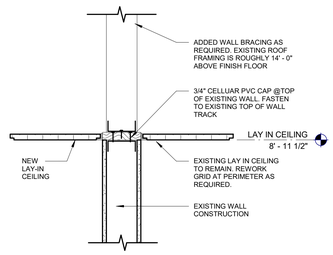
1 REFLECTED CEILING PLAN - LEVEL 2
SCALE: 1/8" = 1'-0"



5 SOFFIT DETAIL
SCALE: 3" = 1'-0"

4 CEILING TRIM DETAIL
SCALE: 3" = 1'-0"

3 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"



2 CEILING DETAIL
SCALE: 1 1/2" = 1'-0"

GENERAL NOTES

1. REFER TO ELECTRICAL, MECHANICAL, & FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION ABOUT LIGHTS, DIFFUSERS, SPRINKLERS, ETC.
2. CENTER ALL ENGINEER ITEMS IN CEILING TILES UNLESS NOTED OR DIMENSIONED OTHERWISE.
3. ACOUSTICAL PANEL CEILING SYSTEM IS APC-1, TYPICAL UNLESS NOTED OTHERWISE. REFER TO PROJECT MANUAL FOR TYPES.
4. TYPICAL CEILING HEIGHT IS 8'-11 1/2" +/- UNLESS NOTED OTHERWISE.
5. CENTER CEILING GRIDS IN ROOMS UNLESS NOTED OR DIMENSIONED OTHERWISE.

CODED NOTES

NOTE: ALL CODED NOTES MAY NOT APPEAR ON EVERY SHEET

1	REPLACE EXISTING CAN LIGHTS 1 FOR 1, THIS ROOM
2	MODIFY SPRINKLER HEAD LOCATION TO WORK WITH NEW LIGHT FIXTURE LAYOUT.
3	EXISTING SLOT DIFFUSER TO REMAIN.
4	EXISTING CEILING SPACE ACCESS.
5	EXISTING CAN LIGHTS TO BE REMOVED. PATCH AND PAINT EXISTING CEILING.
6	NEW FLISH MOUNTED WALL WASH FIXTURE
7	REFER TO MECHANICAL DRAWINGS FOR RADIANT PANEL SIZE AND CONFIGURATION
8	ACOUSTICAL BAFFLE SYSTEM

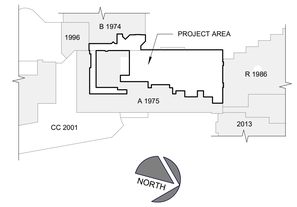
LEGEND

- ACOUSTICAL PANEL CEILING
- GYPSUM BOARD CEILING
- 8'-0" / APC-2 — CEILING HEIGHT / CEILING TYPE
- FULL TILE
- APB-X — ACOUSTICAL PANEL BAFFLE
- AIR SUPPLY GRILLE
- AIR RETURN / EXHAUST GRILLE
- LINEAR DIFFUSER
- LIGHT FIXTURE
- DOWNLIGHT
- EXIT SIGN

NOTE:

SYMBOLS FOR REFERENCE. CONFIRM CEILING MOUNTED FIXTURES W/ MEP DRAWINGS AS REQ'D.

KEY PLAN - LEVEL 2



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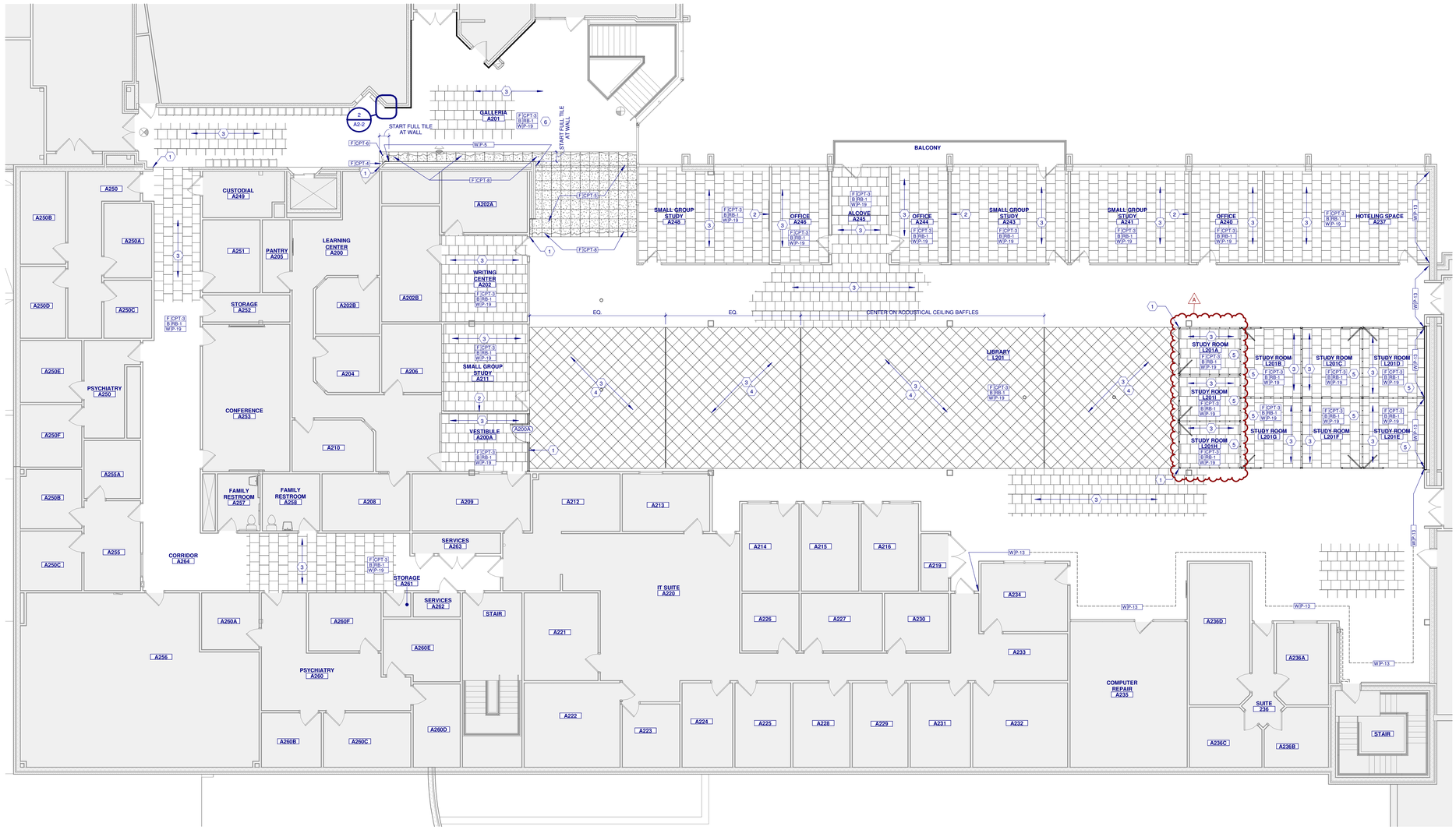
REFLECTED CEILING PLAN - LEVEL 2

A3-2

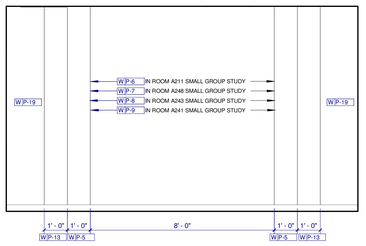
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1 FINISH PLAN - LEVEL 2
SCALE: 1/8" = 1'-0"



SMALL GROUP STUDY FEATURE WALL ELEV.
SCALE: 3/8" = 1'-0"

FINISH PLAN CODED NOTES

NOTE: ALL CODED NOTES MAY NOT APPEAR ON EVERY SHEET

1	ALIGN WITH ARCHITECTURE.
2	REFER TO INTERIOR ELEVATION FOR FEATURE WALL PAINT ACCENT TYPES AND DIMENSIONS.
3	ARROWS INDICATE RUNNING INSTALL DIRECTION OF FLOORING.
4	CARPET TILES INSTALLED IN MONOLITHIC PATTERN AT 45 DEG ANGLE.
5	REFER TO FURNITURE DEALER PLANS AND DRAWINGS FOR LOCATIONS OF WALLS FOR START AND STOP LOCATIONS OF CARPET TILE.
6	EXISTING BRICK TO REMAIN AS IS.

TYPICAL FINISHES (UNO)

ITEM	CODE
HOLLOW METAL FRAMES	P-12
HOLLOW METAL DOORS (INTERIOR)	P-12
GYPSUM BOARD SOFFIT SURFACES & CEILINGS	P-19
EXPOSED DUCTWORK	---
GRILLES / DIFFUSERS ON EXPOSED DUCTWORK	---
EXPOSED COLUMNS	P-19
EXPOSED STRUCTURE, ROOF DECK & MEP COMPONENTS	---
ELECTRICAL DEVICE COLORS (COORD. W/ ELECTRICAL)	---

FINISH DESIGNATIONS

NOTE: NOT ALL MATERIALS / ITEMS LISTED MAY BE INCLUDED IN THE PROJECT SCOPE. REFER TO A7 SERIES FOR MILLWORK FINISHES.

CG	CORNER GUARD	RB	RUBBER BASE
CPT	CARPET TILE	RS	RESILIENT SHEET
DP	DECORATIVE PANELS	RT	RESILIENT TILE
FWP	FABRIC-WRAPPED WALL PANELS	SWP	SOUND-ABSORBING WALL PANELS
LVT	LUXURY VINYL TILE / PLANK	SSB	STAINLESS STEEL BASE
P	PAINT		

GENERAL NOTES

1. PROVIDE APPROPRIATE TRANSITION STRIPS AT EVERY LOCATION WHERE DIFFERENT FLOOR FINISHES MEET. REFER TO PROJECT MANUAL FOR PROFILES. WHEN FLOOR FINISH MATERIALS DIFFER BETWEEN ROOMS, LOCATE SEAM IN CENTER OF DOOR.
2. REFER TO PROJECT MANUAL FOR PAINT SHEENS.
3. ALL UNFINISHED GRILLE COVERS, FIRE EXTINGUISHER CABINETS, BEAMS, MISCELLANEOUS METAL & WOOD SUPPORTS, ETC. TO BE PAINTED TO MATCH THE WALL / CEILING THEY OCCUR ON.
4. CLOSETS ARE TO RECEIVE THE SAME WALL AND FLOOR FINISH AS THE ROOM THEY OPEN TO, U.N.O.
5. REFER TO "A3" SERIES DRAWINGS FOR CEILING ACCENT PAINT LOCATIONS.
6. REFER TO "A7" SERIES DRAWINGS FOR MILLWORK FINISHES AND ACCENT LOCATIONS.

NOTE: NUMBERING OF FINISH CODES ARE CONTINUOUS IN SEQUENCE FROM PREVIOUS NEOMED PROJECTS IN THE INNOVATION CENTER. NOT ALL FINISH CODES MAY OCCUR ON THIS PROJECT.

FINISH MATERIAL KEY (A) INDICATES BASIS OF DESIGN PRODUCT

CODE	MANUFACTURER	STYLE	COLOR	SIZE	REMARKS
1. FLOOR (F)					
CPT-3	MILLIKEN	LAYLINES - AMERICAS	LLN260 STORM	50 CM X 50 CM	INSTALL IN BIRCK PATTERN PER DRAWING TILE PATTERN DIRECTION U.N.O.
CPT-4	MILLIKEN	LAYLINES - AMERICAS / HORIZONTAL TRANSITION	LTH 196-260 CORNFLOWER /STORM	50 CM X 50 CM	INSTALL MONOLITHIC
CPT-5	MILLIKEN	LAYLINES - AMERICAS	LLN196 CORNFLOWER	50 CM X 50 CM	INSTALL MONOLITHIC
CPT-6	MILLIKEN	LAYLINES - AMERICAS / LEFT CORNER TRANSITION	LLC260 196 STORM / CORNFLOWER	50 CM X 50 CM	INSTALL MONOLITHIC
CPT-7	NOT USED.				
CPT-8	MILLIKEN	LAYLINES - AMERICAS / VERTICAL TRANSITION	LTV196-260 CORNFLOWER / STORM	50 CM X 50 CM	INSTALL MONOLITHIC
2. BASE (B)					
RB	ACCEPTABLE RB MANUFACTURERS: (A) JOHNSONITE/TARKETT; (B) MANNINGTON COMMERCIAL AND (C) ROPPE.				
RB-1	(A) TARKETT / JOHNSONITE	STRAIGHT BASE	20 CHARCOAL	4" H	
3. WALL (W)					
P	ACCEPTABLE MANUFACTURERS: (A) SHERWIN WILLIAMS, (B) BENJAMIN MOORE AND (C) PRATT & LAMBERT.				
P-5	(A) SHERWIN WILLIAMS		HYPER BLUE - SW 6965		
P-6	(A) SHERWIN WILLIAMS		COLOR TO MATCH PANTONE 2915C LIGHT BLUE		
P-7	(A) SHERWIN WILLIAMS		VERDANT - SW 6713		
P-8	(A) SHERWIN WILLIAMS		LOYAL BLUE - SW 6510		
P-9	(A) SHERWIN WILLIAMS		CLEMATIS - SW 6831		
P-12	(A) SHERWIN WILLIAMS		IRON ORE - SW 7069		
P-13	(A) SHERWIN WILLIAMS		KNITTING NEEDLES - SW 7672		
P-19	(A) SHERWIN WILLIAMS		EXTRA WHITE - SW 7006		
4. MISC. (M)					
CG-1	INPRO CORPORATION	STAINLESS STEEL	SATIN FINISH	1 1/2" WING X 48" H	
CG-2	INPRO CORPORATION	STAINLESS STEEL	SATIN FINISH	1 1/2" WING X 96" H	

LEGEND

DENOTES RUNNING INSTALL DIRECTION OF FLOORING

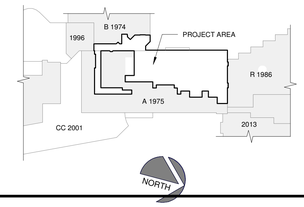
X XXX # — DENOTES ACCENT / MULTIPLE FINISH AND EXTENT

F = FLOOR, B = BASE, W = WALL; F1/CPT-# / B1/RB-# / WP-#; FINISH SURFACE; MATERIAL (SEE FINISH MATERIAL KEY) — DENOTES FIELD FINISH MATERIALS AND COLORS FOR LOCATION

REFER TO "A3" SERIES DRAWINGS FOR CEILING ACCENT PAINT LOCATIONS.

REFER TO "A7" SERIES DRAWINGS FOR MILLWORK FINISHES & ACCENT LOCATIONS.

KEY PLAN - LEVEL 2



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FINISH PLAN - LEVEL 2

A9-1

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LIGHTING FIXTURE SCHEDULE

MARK	VOLTAGE	WATTAGE	LUMENS	COLOR TEMP	MOUNTING	DIMMING	FINISH	DIMENSION (W X L X H)	DESCRIPTION	MANUFACTURER
A1	120/277V	27	3200	4000K	LAY-IN	0-10V	WHITE	24" X 24" X 3-1/4"	RECESSED LED LIGHT FIXTURE WITH ACRYLIC DIFFUSER, ALUMINUM FRAME, AND FRAME FOR MOUNTING IN LAY-IN TEE BAR CEILING.	METALUX #22CZ2 SERIES HUBBELL #LCAT SERIES LITHONIA #BLT SERIES HE WILLIAMS #PT SERIES DAYBRITE #2FGX SERIES
A2	120/277V	32	4000	4000K	LAY-IN	0-10V	WHITE	24" X 24" X 3-1/4"	RECESSED LED LIGHT FIXTURE WITH ACRYLIC DIFFUSER, ALUMINUM FRAME, AND FRAME FOR MOUNTING IN LAY-IN TEE BAR CEILING.	METALUX #22CZ2 SERIES HUBBELL #LCAT SERIES LITHONIA #BLT SERIES HE WILLIAMS #PT SERIES DAYBRITE #2FGX SERIES
AE	120/277V	27	3300	4000K	LAY-IN	0-10V	WHITE	24" X 24" X 3-1/4"	RECESSED LED LIGHT FIXTURE WITH ACRYLIC DIFFUSER, ALUMINUM FRAME, FRAME FOR MOUNTING IN LAY-IN TEE BAR CEILING, AND INTEGRAL BATTERY BACK-UP WITH SELF DIAGNOSTIC.	METALUX #22CZ2 SERIES HUBBELL #LCAT SERIES LITHONIA #BLT SERIES HE WILLIAMS #PT SERIES DAYBRITE #2FGX SERIES LITHONIA #BLT SERIES HE WILLIAMS #PT SERIES DAYBRITE #2FGX SERIES
B1	120/277V	4/FT	400/FT	4000K	RECESSED	0-10V	ARCHITECT TO SELECT	300" X 4" X 6"	RECESSED LINEAR LED, WALL GRAZE DISTRIBUTION, AND SPOTLESS FROSTED ACRYLIC LENS CONTINIOUS FULL LENGTH (NO BREAKS).	MARK #S4CD SERIES OR APPROVED EQUAL
C1	120/277V	15	1500	4000K	RECESSED	0-10V	WHITE	6" X 6"	RECESSED LED DOWNLIGHT WITH HAZE SEMI-SPECULAR SELF-FLANGED REFLECTOR, MEDIUM BEAM, AND FRAME FOR MOUNTING IN DRYWALL CEILING.	HALO COMMERCIAL #HC6 SERIES PRESCOLITE #LBRP SERIES LITHONIA #LDN6 SERIES HE WILLIAMS #6DR SERIES LIGHTOLIER #P6R SERIES
C2	120/277V	6	500	4000K	RECESSED	0-10V	WHITE	6" X 6"	RECESSED LED DOWNLIGHT WITH HAZE SEMI-SPECULAR SELF-FLANGED REFLECTOR, MEDIUM BEAM, AND FRAME FOR MOUNTING IN DRYWALL CEILING.	HALO COMMERCIAL #HC6 SERIES PRESCOLITE #LBRP SERIES LITHONIA #LDN6 SERIES HE WILLIAMS #6DR SERIES LIGHTOLIER #P6R SERIES
CE1	120/277V	15	1500	4000K	RECESSED	0-10V	WHITE	6" X 6"	RECESSED LED DOWNLIGHT WITH HAZE SEMI-SPECULAR SELF-FLANGED REFLECTOR, MEDIUM BEAM, FRAME FOR MOUNTING IN DRYWALL CEILING, AND INTEGRAL BATTERY BACK-UP WITH SELF DIAGNOSTIC.	HALO COMMERCIAL #HC6 SERIES PRESCOLITE #LBRP SERIES LITHONIA #LDN6 SERIES HE WILLIAMS #6DR SERIES LIGHTOLIER #P6R SERIES
CE2	120/277V	22.5	2000	4000K	RECESSED	0-10V	WHITE	4" X 6"	RECESSED LED DOWNLIGHT WITH HAZE SEMI-SPECULAR SELF-FLANGED REFLECTOR, MEDIUM BEAM, FRAME FOR MOUNTING IN DRYWALL CEILING, AND INTEGRAL BATTERY BACK-UP WITH SELF DIAGNOSTIC.	HALO COMMERCIAL #HC6 SERIES PRESCOLITE #LBRP SERIES LITHONIA #LDN6 SERIES HE WILLIAMS #6DR SERIES LIGHTOLIER #P6R SERIES
D1	120/277V	21	1598	4000K	SUSPEND AT 8'AFF	0-10V	ARCHITECT TO SELECT	14" X 34" DIA	LED ACOUSTIC DRUM FIXTURE, 0-10V DIMMING, AND SUSPENSION MOUNT	LUMETTA #L411-LED SERIES OR APPROVED
F1	120/277V	26.5	1285	4000K	SUSPEND AT 8'AFF	0-10V	ARCHITECT TO SELECT	5 5/8" X 3" DIA	LED PENDANT FIXTURE, 0-10V DIMMING, BASE LUMEN OUTPUT, AND 42 DEGREE OPTIC	SYSTEMALUX #CP-1770 SERIES OR APPROVED
X1	120/277V	2	--	--	WALL MOUNT ABOVE DOOR	--	WHITE	13" X 3" X 7-1/2"	LED EXIT SIGN WITH THERMOPLASTIC HOUSING AND CANOPY, RED LETTERS, NICKEL CADMIUM BATTERY WITH SELF DIAGNOSTICS AND CHARGING CIRCUITRY. ARROWS SHALL BE AS INDICATED ON THE DRAWINGS.	SURE-LITES #LPX-7SD SERIES COMPASS #CE SERIES LITHONIA #LQM-ELN-SD SERIES EMERGI-LITE #ELXN SERIES CHLORIDE #VE SERIES

RASF SEC 1

BUS RATING:	225 A	MAINS TYPE:	MAIN LUGS ONLY
VOLTAGE:	208Y/120V, 3Ø, 4W	MAINS RATING:	200 A
GFP:	NO	FEED:	BOTTOM
SCCR RATING:	10,000 A	MOUNTING:	SURFACE
NEMA ENCLOSURE:	1	EXISTING?	YES

SERVICE ENTRANCE RATED: NO

CCT	LOAD TYPE	BREAKER	LOAD (VA)	WIRE SIZE	DESCRIPTION	PHASE	CCT	LOAD TYPE	BREAKER	LOAD (VA)	WIRE SIZE	DESCRIPTION
1	R	20	990	(E)	EXISTING SYSTEMS FURNITURE 1	A	2	L	20/1	1,580	(E)	GROUP STUDY ROOMS LIGHTING
3	R	/2	990			B	4	L	20/1	800	(E)	LIBRARY 231 LIGHTING
5	R	20	990	(E)	EXISTING SYSTEMS FURNITURE 1	C	6	L	20/1	1,500	(E)	EXISTING LIGHTING RPC6
7	R	/2	990			A	8	L	20/1	1,500	(E)	EXISTING LIGHTING RPC8
9	R	20	990	(E)	EXISTINGSYSTEMS FURNITURE 2	B	10	L	20/1	1,500	(E)	EXISTING LIGHTING RPC10
11	R	/2	990			C	12	L	20/1	1,500	(E)	EXISTING LIGHTING RPC12
13	R	20	990	(E)	EXISTING SYSTEMS FURNITURE 2	A	14	L	20/1	1,040	(E)	LIBRARY 231 LIGHTING
15	R	/2	990			B	16	L	20/1	1,500	(E)	EXISTING LIGHTING RM 237, 238, 239
17	L	20/1	1,500	(E)	EXISTING LIGHTING RM 241	C	18	L	20/1	1,500	(E)	EXISTING LIGHTING RM 240-245
19	L	20/1	1,500	(E)	EXISTING LIGHTING RM 242	A	20	R	20/1	1,500	(E)	EXISTING RECEPTACLE NE WALL RM 231
21	E	20/1	1,500	(E)	EXISTING UNIT HEATER 242	B	22	R	20/1	1,500	(E)	EXISTING RECEPTACLE NE WALL RM 231
23	R	20/1	1,500	(E)	EXISTING FLOOR RECEPTACLE RM 231	C	24	R	20/1	1,500	(E)	EXISTING RECEPTACLE NW WALL RM 231
25	R	20/1	1,500	(E)	EXISTING FLOOR RECEPTACLE RM 231	A	26	R	20/1	1,500	(E)	EXISTING RECEPTACLE NW WALL RM 231
27	R	20/1	1,500	(E)	EXISTING HALL DRINKING FOUNTAIN	B	28	L	20/1	1,620	(E)	GROUP STUDY AND OFFICES 006,007,239 LIGHTING
29	L	20/1	1,500	(E)	EXISTING RECEPTACLE ROOM 240-245	C	30	R	20/1	1,080	(E)	QUIET STUDY AREA RECEPTACLES
31	L	20/1	1,500	(E)	EXISTING RECEPTACLE ROOM 237-238	A	32	L	20/1	1,500	(E)	EXISTING LIGHTING RPE3
33	R	20	1,080	(E)	EXISTING SYSTEMS FURNITURE 3	B	34	L	20/1	1,500	(E)	EXISTING LIGHTING RPE4
35	R	/2	1,080			C	36	R	20/1	900	(E)	QUIET STUDY AREA RECEPTACLES
37	R	20	1,080	(E)	EXISTING SYSTEMS FURNITURE 3	A	38	R	20/1	360	2#12, #12G	QUIET STUDY AREA POKE THRU
39	R	/2	1,080			B	40		20/1			SPARE
41	R	20/1	1,500		EXISTING PHONE BOARD RECEPTACLE	C	42		20/1			SPARE

DEMAND LOAD BY TYPE:		TOTAL:	
RECEPTACLE (R) : 10KVA@	100%	18,290	VA
REMAINDER@	50%		
MOTOR (M) :	100%	0	VA
LARGEST MOTOR (LM) :	125%	0	VA
LIGHTING (L):	125%	28,800	VA
EQUIPMENT (E) :	100%	1,500	VA
KITCHEN EQUIPMENT (KE) :	100%	0	VA
CONTINUOUS (C) :	125%	0	VA
DWELLING UNIT (DU) :	220.82(B)	0	VA
DWELLING UNITS:		0	UNITS
DISTRIBUTION (DS) :	100%	AS STATED	

CONNECTED LOAD (VA):	
PHASE A:	17,530
PHASE B:	16,550
PHASE C:	17,040
TOTAL:	51,120
DEMAND LOAD:	
TOTAL (VA):	48,590
TOTAL (A):	135

NOTES:
-ALL CONDUIT RUNS SHALL HAVE A DEDICATED GROUND SIZED IN ACCORDANCE WITH NEC TABLE 250-122
-ALL SINGLE POLE CIRCUITS SHALL HAVE A DEDICATE FULL SIZE NEUTRAL ROUTED WITH THE PHASE CONDUCTOR
-CONDUITS SHALL BE SIZED PER THE NEC FILL LIMITS.
-CIRCUITS MAY BE ROUTED IN COMMON CONDUITS AS APPROPRIATE.
-WHERE WIRE SIZES ARE NOTED, INDICATES WIRING INSTALLED UNDER THIS PROJECT.

"-GFCI" INDICATES 5mA GFCI CIRCUIT BREAKER (PERSONNEL PROTECTION).
"-GFP" INDICATES 30mA GFCI CIRCUIT BREAKER (EQUIPMENT PROTECTION).
"-AFCI" INDICATES ARC FAULT CIRCUIT INTERRUPTER PROTECTION
"-GFAF" INDICATES COMBINED ARC FAULT CIRCUIT INTERRUPTER AND GFCI PROTECTION
*INDICATES BREAKERS FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

6

ALA

BUS RATING:	225 A	MAINS TYPE:	MAIN LUGS ONLY
VOLTAGE:	208Y/120V, 3Ø, 4W	MAINS RATING:	225 A
GFP:	NO	FEED:	TOP
SCCR Rating:	10,000 A	MOUNTING:	SURFACE
NEMA ENCLOSURE:	1	EXISTING?	YES

SERVICE ENTRANCE RATED: NO

CCT	LOAD TYPE	BREAKER	LOAD (VA)	WIRE SIZE	DESCRIPTION	PHASE	CCT	LOAD TYPE	BREAKER	LOAD (VA)	WIRE SIZE	DESCRIPTION
1	R	20*	1,200	2#10, #10G	RECEPTACLES SYSTEMS FURNITURE 1	A	2	L	20/1	1,180	2#10, #10G	LIGHTING CORRIDORS
3	R	/2	1,200			B	4	L	20/1	1,216	2 #12, #12G	LIGHTING ROOMS WEST OF LIBRARY
5	R	20*	1,200	2#10, #10G	RECEPTACLES SYSTEMS FURNITURE 2	C	6	L	20/1	1,188	2#10, #10G	LIGHTING LIBRARY WEST
7	R	/2	1,200			A	8	R	20/1	1,080	2#12, #12G	RECEPTACLES LIBRARY POKE-THRUS
9	L	20/1	1,473	2#10, #10G	LIGHTING LIBRARY EAST 1	B	10	L	20/1	1,200	(E)	LIGHTING LIBRARY
11	L	20/1	1,242	2#10, #10G	LIGHTING LIBRARY EAST 2	C	12	L	20/1	1,200	(E)	LIGHTING LIBRARY
13	E	20/1	500	2 #12, #12G	VAV TERMINAL BOX POWER LIBRARY WEST	A	14	E	20/1	500	2#10, #10G	VAV TERMINAL BOX POWER LIBRARY EAST
15	E	20/1	500	2 #12, #12G	RADIANT PANEL CONTROL POWER LIBRARY WEST	B	16	E	20/1	500	2#10, #10G	RADIANT PANEL CONTROL POWER LIBRARY EAST
17	L	20/1	1,200	(E)	LIGHTING LUMINOUS CEILING	C	18	L	20/1	1,200	(E)	LIGHTING LUMINOUS CEILING
19	L	20/1	1,200	(E)	LIGHTING LUMINOUS CEILING	A	20	L	20/1	1,200	(E)	LIGHTING LUMINOUS CEILING
21	L	20/1	1,200	(E)	LIGHTING ROOMS 216, 217, 218	B	22	R	20/1	1,200	(E)	RECEPTACLES ROOMS 227, 226
23	L	20/1	1,200	(E)	LIGHTING ROOM 219	C	24	L	20/1	1,200	(E)	LIGHTING ROOM 211
25	L	20/1	1,200	(E)	LIGHTING ROOM 211	A	26	L	20/1	1,200	(E)	LIGHTING ROOM 211, MAIN AREA L211
27	L	20/1	1,200	(E)	LIGHTING ROOM 211, MAIN AREA L2H	B	28	L	20/1	1,200	(E)	LIGHTING ROOM 211, MAIN AREA L211
29	L	20/1	1,200	(E)	LIGHTING ROOM 211	C	30	L	20/1	1,200	(E)	LIGHTING MICRO COMPUTER LAB
31	L	20/1	1,200	(E)	LIGHTING BULL PEN L211	A	32	L	20/1	1,200	(E)	LIGHTING MICRO COMPUTER LAB
33	L	20/1	1,200	(E)	LIGHTING MICRO COMPUTER LAB	B	34	L	20/1	1,200	(E)	LIGHTING ROOM 225
35	L	20/1	1,200	(E)	LIGHTING ROOM 209, MICRO COMPUTER LAB	C	36	L	20/1	1,200	(E)	LIGHTING ROOM 222
37	L	20/1	1,200	(E)	LIGHTING ROOMS 211, 212	A	38	L	20/1	1,200	(E)	LIGHTING ROOMS 220, 221
39	R	20/1	1,200	(E)	RECEPTACLES COMPUTER	B	40	E	20/1	1,200	(E)	4 NEW OFFICES
41	E	15/1	900	(E)	EXISTING LOAD	C	42	E	20/1	1,200	(E)	4 NEW OFFICES

6

DEMAND LOAD BY TYPE:		TOTAL:	
RECEPTACLE (R) : 10KVA@	100%	8,280	VA
REMAINDER@	50%		
MOTOR (M) :	100%	0	VA
LARGEST MOTOR (LM) :	125%	0	VA
LIGHTING (L):	125%	42,374	VA
EQUIPMENT (E) :	100%	5,300	VA
KITCHEN EQUIPMENT (KE) :	100%	0	VA
CONTINUOUS (C) :	125%	0	VA
DWELLING UNIT (DU) :	220.82(B)	0	VA
DWELLING UNITS:		0	UNITS
DISTRIBUTION (DS) :	100%	AS STATED	

CONNECTED LOAD (VA):	
PHASE A:	15,260
PHASE B:	15,689
PHASE C:	16,530
TOTAL:	47,479
DEMAND LOAD:	
TOTAL (VA):	55,954
TOTAL (A):	155

NOTES:
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"-GFP" INDICATES 30mA GFCI CIRCUIT BREAKER (EQUIPMENT PROTECTION).
"-AFCI" INDICATES ARC FAULT CIRCUIT INTERRUPTER PROTECTION
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SLM

BUS RATING:	225 A	MAINS TYPE:	CIRCUIT BREAKER
VOLTAGE:	208Y/120V, 3Ø, 4W	MAINS RATING:	150 A
GFP:	NO	FEED:	TOP
SCCR Rating:	22,000 A	MOUNTING:	SURFACE
NEMA ENCLOSURE:	1	EXISTING?	YES

SERVICE ENTRANCE RATED: NO

CCT	LOAD TYPE	BREAKER	LOAD (VA)	WIRE SIZE	DESCRIPTION	PHASE	CCT	LOAD TYPE	BREAKER	LOAD (VA)	WIRE SIZE	DESCRIPTION
1	E	20/1	1,200	(E)	ST-1B GEN CNTL POWER	A	2	M	20/1	1,000	(E)	EF-9 SIM LAB AC 128
3	E	20/1	1,200	(E)	ST-2B GEN CNTL POWER	B	4	M	15/1	1,000	(E)	EF-10 SOILED DC 122
5		20/1			SPARE	C	6	M	15/1	1,000	(E)	EF-2 SENS OPERATORY
7		20/1			SPARE	A	8	M	15/1	1,000	(E)	EF-11 WTLAB DC 126
9	R	20/1	480	(E)	RACK RETURN STERILIZATION	B	10	M	15/1	1,000	(E)	EF-3 PATIENT TOILET
11		20/1			SPARE	C	12	E	20/1	500	(E)	EM GAS SHUT OFF
13	R	20/1	360	(E)	SINK GFI STERILIZATION	A	14		20/1			SPARE
15		20/1			SPARE	B	16	R	20/1	1260	(E)	CABINET OUTLETS DENTISTRY
17		20/1			SPARE	C	18	E	20/1	1,200	(E)	XRAY-DENTAL CLINIC
19		20/1			SPARE	A	20	E	20/1	1,200	(E)	XRAY-DENTAL CLINIC
21		20/1			SPARE	B	22		20/1			SPARE
23		20/1			SPARE	C	24		20/1			SPARE
25		20/1			SPARE	A	26	M	35*	2,101	3#8, #10G	VFD-HWP-5
27		20/1			SPARE	B	28	M	/	2,101		
29		20/1			SPARE	C	30	M	3	2,101		
31		20/1			SPARE	A	32	LM	35*	2,101	3#8, #10G	VFD-HWP-6
33	M	20	500	(E)	COIL DOOR - STERILE	B	34	LM	/	2,101		
35	M	/2	500			C	36	LM	3	2,101		
37	M	20	1,500	(E)	ST-1 VAC PUMP	A	38	M	20	1,500	(E)	ST-2 VAC PUMP
39	M	/	1,500			B	40	M	/	1,500		
41	M	3	1,500			C	42	M	3	1,500		

DEMAND LOAD BY TYPE:		TOTAL:	
RECEPTACLE (R) : 10KVA@	100%	2,100	VA
REMAINDER@	50%		
MOTOR (M) :	100%	21,303	VA
LARGEST MOTOR (LM) :	125%	7,879	VA
LIGHTING (L):	125%	0	VA
EQUIPMENT (E) :	100%	5,300	VA
KITCHEN EQUIPMENT (KE) :	100%	0	VA
CONTINUOUS (C) :	125%	0	VA
DWELLING UNIT (DU) :	220.82(B)	0	VA
DWELLING UNITS:		0	UNITS
DISTRIBUTION (DS) :	100%	AS STATED	

CONNECTED LOAD (VA):	
PHASE A:	11,962
PHASE B:	12,642
PHASE C:	10,402
TOTAL:	35,006
DEMAND LOAD:	
TOTAL (VA):	36,582
TOTAL (A):	102

NOTES:
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ELECTRICAL DRAWING LIST

SHEET NUMBER	SHEET NAME
E0-1	ELECTRICAL GENERAL INFORMATION
E0-2	ELECTRICAL SPECIFICATIONS
E1-1	ELECTRICAL DEMOLITION PLAN - LEVEL 2
E1-2	LIGHTING PLAN - LEVEL 2
E1-3	POWER AND SYSTEMS PLAN - LEVEL 2
E1-4	ELECTRICAL ROOM PLAN - LEVEL 2

GENERAL DRAWING NOTES:

1. MATERIALS ILLUSTRATED WITH LIGHT LINES ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
2. EXISTING CONDITIONS SHOWN ARE BASED ON REVIEW OF REFERENCE DRAWINGS AND GENERAL FIELD REVIEW. NOTIFY ENGINEER IF FIELD CONDITIONS DIFFER FROM WHAT IS SHOWN.
3. MATERIALS ILLUSTRATED WITH DARK DASHED LINES SHALL BE REMOVED. THE OWNER SHALL HAVE THE RIGHT TO RETAIN ANY MATERIALS ILLUSTRATED TO BE REMOVED. IF REQUESTED BY THE OWNER, THE CONTRACTOR SHALL REMOVE MATERIALS AND RELOCATE THEM TO THE OWNER'S SPECIFIED LOCATION OF STORAGE. ALL MATERIALS NOTED TO BE RELOCATED SHALL BE TEMPORARILY STORED AND PROTECTED DURING CONSTRUCTION BY THE CONTRACTOR UNLESS NOTED OTHERWISE.
4. MATERIALS ILLUSTRATED WITH DARK LINES ARE NEW.
5. THE ELECTRICAL INSTALLATION MUST MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE AND ANY APPLICABLE STATE OR LOCAL CODES.
6. PATCH AND PAINT WALLS, CEILINGS, AND FLOORS TO MATCH EXISTING AS REQUIRED TO ACCOMMODATE WORK.
7. ALL WORK IN AREAS OUTSIDE OF DESIGNATED CONSTRUCTION AREAS SHALL BE SCHEDULED IN ADVANCE WITH THE OWNER. THE WORK SHALL BE PERFORMED AT TIMES AND DAYS AS DICTATED BY THE OWNER.
8. ALL CONDUITS SHALL BE CONCEALED, EXCEPT IN ELECTRICAL OR MECHANICAL ROOMS.
9. PROVIDE 24" MINIMUM HORIZONTAL SEPARATION BETWEEN OUTLET BOXES INSTALLED ON OPPOSITE SIDES OF A COMMON WALL SO TO MAINTAIN ACOUSTICAL INTEGRITY OF WALL AND FIRE RATING.
10. PROVIDE UL LISTED FIRE RATED SEALS FOR ALL RACEWAY PENETRATIONS THRU FIRE RATED WALLS, SLABS, AND CEILINGS IN ACCORDANCE WITH NEC 300.21.
11. ALL SINGLE POLE BRANCH CIRCUITS SHALL HAVE DEDICATED NEUTRALS.
12. MC TYPE CABLE MAY BE USED FOR BRANCH CIRCUIT WIRING CONCEALED ABOVE CEILINGS AND IN STUD WALLS, AND FINAL CONNECTIONS TO RECESSED LIGHT FIXTURES. ALL BRANCH CIRCUIT HOMERUNS SHALL BE INSTALLED IN CONDUIT (MC CABLING SHALL NOT ENTER INTO PANELBOARDS). ALL BRANCH CIRCUIT WIRING INSTALLED EXPOSED IN UNFINISHED SPACES SHALL BE IN CONDUIT.

SYMBOLS SCHEDULE:

- RECESSED LIGHT FIXTURE. REFER TO FIXTURE SCHEDULE FOR DESCRIPTION.
- CEILING MOUNTED EXIT SIGN. REFER TO FIXTURE SCHEDULE FOR DESCRIPTION.
- SHADE INDICATED FIXTURE WITH INTEGRAL BATTERY PACK FOR USE AS EGRESS LIGHT.
- L — WALL MOUNTED LINE VOLTAGE, DUAL TECHNOLOGY (PIR/ULTRASONIC) OCCUPANCY/VACANCY SENSOR 0-10V DIMMER SWITCH WITH ENGRAVED BUTTONS INDICATING FUNCTION AND FINISH AS DIRECTED BY THE ARCHITECT. SUBSCRIPT IDENTIFIES CONTROL ZONE WHERE APPLICABLE. MOUNT FLUSH IN WALL AT 44" AFF TO BOTTOM. PROVIDE SELF LAMINATING LABEL (CLEAR W/BLACK LETTERS) ON COVER TO IDENTIFY BRANCH PANEL AND CIRCUIT NUMBER. SENSOR SWITCH #sPODMA-D SERIES.
- 2 — LOW-VOLTAGE SINGLE CHANNEL, 2-BUTTON ON/OFF WALL STATION, AND FINISH AS DIRECTED BY THE ARCHITECT. SUBSCRIPT IDENTIFIES CONTROL ZONE WHERE APPLICABLE. MOUNT FLUSH IN WALL AT 44" AFF TO BOTTOM. STUB A 1"C FROM BOX TO CEILING PLENUM FOR CABLE INSTALLATION. FURNISH WITH NETWORKING CABLE FOR COMPLETE STANDALONE ROOM CONTROL NETWORK. NLIGHT #NPODMA SERIES.
- D — LOW VOLTAGE, SINGLE-CHANNEL, 3-BUTTON ON/OFF AND RAISE/LOWER DIMMING WALL STATION WITH ENGRAVED BUTTONS INDICATING FUNCTION AND FINISH AS DIRECTED BY THE ARCHITECT. SUBSCRIPT IDENTIFIES CONTROL ZONE WHERE APPLICABLE. MOUNT FLUSH IN WALL AT 44" AFF TO BOTTOM. STUB A 1"C FROM BOX TO CEILING PLENUM FOR CABLE INSTALLATION. FURNISH WITH NETWORKING CABLE FOR COMPLETE STANDALONE ROOM CONTROL NETWORK. NLIGHT #NPODMA-DX SERIES.
- 8 — LOW VOLTAGE, 4-CHANNEL, 8-BUTTON ON/OFF AND RAISE LOWER DIMMING WALL STATION WITH ENGRAVED BUTTONS INDICATING FUNCTION AND FINISH AS DIRECTED BY THE ARCHITECT. SUBSCRIPT IDENTIFIES CONTROL ZONE WHERE APPLICABLE. MOUNT FLUSH IN WALL AT 44" AFF TO BOTTOM. STUB A 1"C FROM BOX TO CEILING PLENUM FOR CABLE INSTALLATION. FURNISH WITH NETWORKING CABLE FOR COMPLETE STANDALONE ROOM CONTROL NETWORK. NLIGHT #NPODMA-4SB-DX SERIES.
- OS — LOW VOLTAGE CEILING MOUNTED DUAL TECHNOLOGY PIR/ULTRASONIC OCCUPANCY/VACANCY SENSOR WITH EXTENDED RANGE (2000 SQ-FT), 360 DEGREE SENSOR, LOW VOLTAGE AUXILIARY CONTACT FOR BAS INTEGRATION, NETWORKING PORT, AND FINISH AS DIRECTED BY THE ARCHITECT. SUBSCRIPT IDENTIFIES CONTROL ZONE WHERE APPLICABLE. FURNISH WITH NETWORKING CABLE FOR COMPLETE STANDALONE ROOM CONTROL NETWORK. MOUNT OVER FLUSH OCTAGONAL OUTLET BOX IN CEILING. ADJUST TIME DELAY TO 20 MINUTES AND SET SENSOR TO MANUAL-ON MODE (VACANCY SENSING). NLIGHT #NCM-PDT-10 SERIES.
- PP — 16 AMP POWER/RELAY PACK. SUBSCRIPT IDENTIFIES CONTROL ZONE WHERE APPLICABLE. MOUNT TO JUNCTION BOX ABOVE ACCESSIBLE CEILING. INSTALL SELF-LAMINATED LABEL (WHITE WITH BLACK LETTERS) IDENTIFYING BRANCH PANEL AND CIRCUIT NUMBER. FURNISH WITH NETWORKING CABLE FOR COMPLETE STANDALONE ROOM CONTROL NETWORK. NLIGHT #NPP16 SERIES.
- DP — 16 AMP POWER/RELAY PACK WITH 0-10V DIMMING CAPABILITIES. SUBSCRIPT IDENTIFIES CONTROL ZONE WHERE APPLICABLE. MOUNT TO JUNCTION BOX ABOVE ACCESSIBLE CEILING. INSTALL SELF-LAMINATED LABEL (WHITE WITH BLACK LETTERS) IDENTIFYING BRANCH PANEL AND CIRCUIT NUMBER. FURNISH WITH NETWORKING CABLE FOR COMPLETE STANDALONE ROOM CONTROL NETWORK. NLIGHT #NPP16-D SERIES.
- WAP — EXISTING WIRELESS ACCESS POINT TO REMAIN. PROTECT AND MAINTAIN THROUGHOUT CONSTRUCTION.
- EXISTING SECURITY CAMERA TO REMAIN. PROTECT AND MAINTAIN THROUGHOUT CONSTRUCTION.
- F — EXISTING FIRE ALARM SPEAKER STROBE TO REMAIN. PROTECT AND MAINTAIN THROUGHOUT CONSTRUCTION.
- L — FIRE ALARM SYSTEM VISUAL ONLY NOTIFICATION DEVICE. REFER TO SPECIFICATIONS FOR DESCRIPTION. CEILING MOUNT OVER 4" X 1-1/2" DEEP TWO-GANG BOX WITH SINGLE GANG PLASTER RING. PROVIDE CABLING AS REQUIRED BY THE MANUFACTURER.
- F — FIRE ALARM SYSTEM AUDIO/VISUAL NOTIFICATION DEVICE. REFER TO SPECIFICATIONS FOR DESCRIPTION. CEILING MOUNT OVER RECESSED 4" X 1-1/2" DEEP TWO-GANG BOX WITH SINGLE GANG PLASTER RING. PROVIDE CABLING AS REQUIRED BY THE MANUFACTURER.
- 6 — FIRE RATED POKE-THRU ASSEMBLY WITH BLACK POWDER COAT COVER, (2) 20AMP DUPLEX RECEPTACLES, AND COMMUNICATIONS JACK FACEPLATE (WIREMOLD #6AT SERIES). INSTALL FLUSH IN FLOOR. COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. PROVIDE SELF-LAMINATING LABEL (CLEAR W/BLACK LETTERS) INSIDE COVER TO IDENTIFY BRANCH PANEL/CIRCUIT NUMBERS. INSTALL PLENUM RATED CAT6 CABLE FROM DATA JACK. STUB A 1" CONDUIT (WITH INSULATED BUSHING ON EACH END) FROM BOX TO ACCESSIBLE CEILING PLENUM FOR CABLE INSTALLATION. ROUTE CABLES TO TELE/DATA CLOSET AND TERMINATE AT PATCH PANEL.
- J — JUNCTION BOX WITH BLANK SCREW COVER CONCEALED ABOVE ACCESSIBLE CEILING FOR VAV TERMINAL BOX CONTROL POWER OR RADIANT CEILING PANEL CONTROL POWER. SIZE AS REQUIRED BY THE NEC. LABEL COVER WITH PANEL/BRANCH CIRCUIT NUMBER. REFER TO DETAIL ON FLOORPLANS FOR REQUIREMENTS.
- TERMINAL CONNECTION ON EQUIPMENT FURNISHED AND SET BY OTHERS. LINE CONNECTIONS BY THE ELECTRICAL CONTRACTOR.
- VFD — VARIABLE FREQUENCY DRIVE FURNISHED BY THE MECHANICAL CONTRACTOR. SET AND WIRED BY THE ELECTRICAL CONTRACTOR. FURNISH AND INSTALL ENGRAVED NAMEPLATE ON FRONT TRIM TO IDENTIFY LOAD SERVED.
- 208/120V, 3Ø, 4W PANELBOARD. REFER TO PANELBOARD SCHEDULES AND SPECIFICATIONS FOR DESCRIPTION.
- 480/277V, 3Ø, 4W PANELBOARD. REFER TO PANELBOARD SCHEDULES AND SPECIFICATIONS FOR DESCRIPTION.

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ISSUE / REVISION		DATE
1	SD SET	07/10/2026
2	DD SET	08/14/2026
3	OWNER REVIEW SET	09/10/2026
4	CONSTRUCTION DOCUMENTS	10/09/2026
5	BID AND PERMIT	10/16/2026
6	ADDENDUM 1	11/04/2026

PROJECT NO. 26028.000

ELECTRICAL GENERAL INFORMATION

E0-1

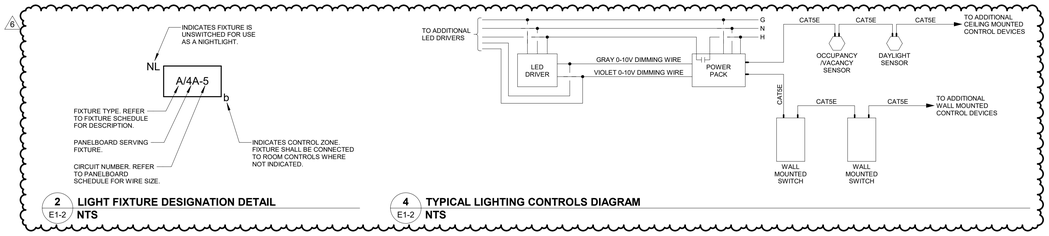
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FILE: Autodesk Docs://02 - NEOMED R26/351-25-02 MEP R26.rvt
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PLAN NOTES:

1. CENTER C1 FIXTURE IN SOFFIT, CIRCUIT TO EXISTING LOCAL LIGHTING CIRCUIT AND CONTROLS.



2 E1-2 **LIGHT FIXTURE DESIGNATION DETAIL**
NTS

4 E1-2 **TYPICAL LIGHTING CONTROLS DIAGRAM**
NTS



1 E1-2 **LIGHTING PLAN - LEVEL 2**
1/8" = 1'-0"

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5	BID AND PERMIT	10/16/2026
6	ADDENDUM 1	11/04/2026

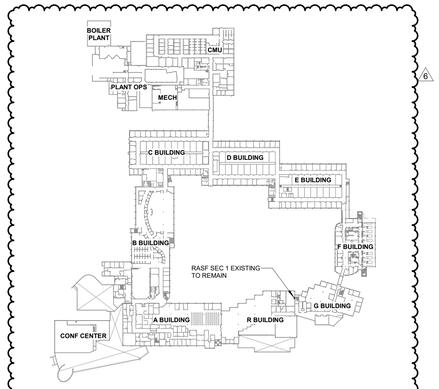
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LIGHTING PLAN - LEVEL 2

E1-2

NO.

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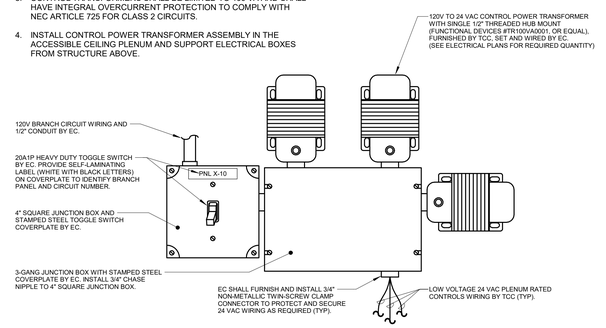
KEY PLAN
NTS

PLAN NOTES:

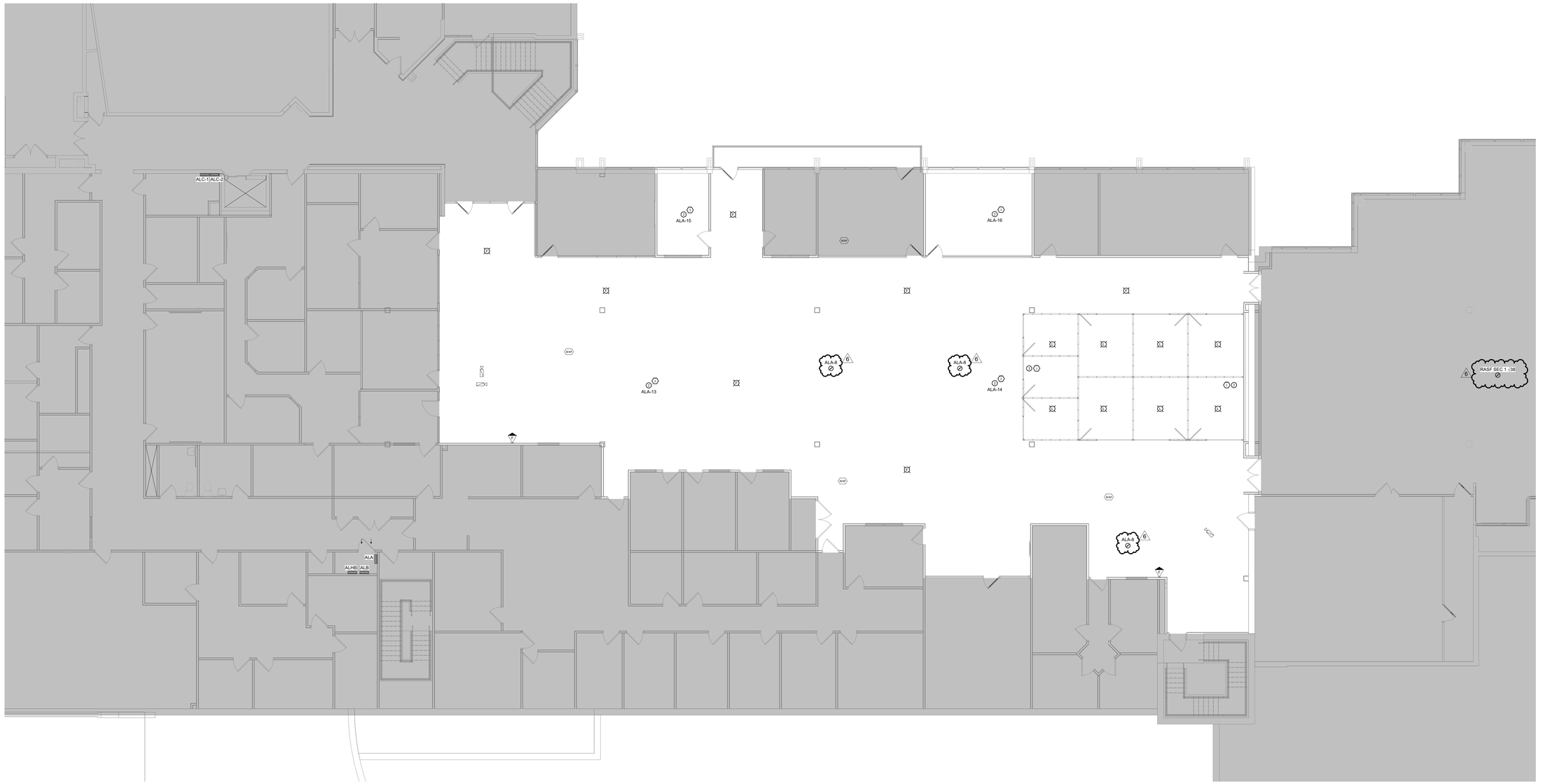
1. SYSTEMS FURNITURE POWER IN-FEED CONNECTION IN JUNCTION BOX LOCATED ABOVE CEILING. SYSTEM FURNITURE CONNECTION SHALL UTILIZE CIRCUITS ALA-1/3,5/7. COORDINATE EXACT LOCATION WITH SYSTEM FURNITURE PROVIDER.
2. VAV TERMINAL BOX CONTROL POWER JUNCTION BOX. REFER TO DETAIL ON THIS SHEET FOR REQUIREMENTS.
3. RADIANT CEILING PANEL CONTROL POWER JUNCTION BOX. REFER TO DETAIL ON THIS SHEET FOR REQUIREMENTS.

NOTES:

1. EC SHALL COORDINATE LOCATION OF TEMPERATURE CONTROL POWER DISTRIBUTION WITH TCC. LOCATIONS SHALL BE DOCUMENTED ON RED-LINED AS-BUILT ELECTRICAL DRAWINGS.
2. EC SHALL INSTALL A COLORED STICK-ON DOT ON THE UNDERSIDE OF THE CEILING BELOW THE TRANSFORMERS TO IDENTIFY THE TOGGLE SWITCH LOCATION IN THE FIELD.
3. CONTROL TRANSFORMERS SHALL BE LIMITED TO 100 VA AND SHALL HAVE INTEGRAL OVERCURRENT PROTECTION TO COMPLY WITH NEC ARTICLE 725 FOR CLASS 2 CIRCUITS.
4. INSTALL CONTROL POWER TRANSFORMER ASSEMBLY IN THE ACCESSIBLE CEILING PLENUM AND SUPPORT ELECTRICAL BOXES FROM STRUCTURE ABOVE.



3 / E1-3 **TEMPERATURE CONTROL POWER DETAIL**
NTS



1 / E1-3 **POWER AND SYSTEMS PLAN - LEVEL 2**
1/8" = 1'-0"

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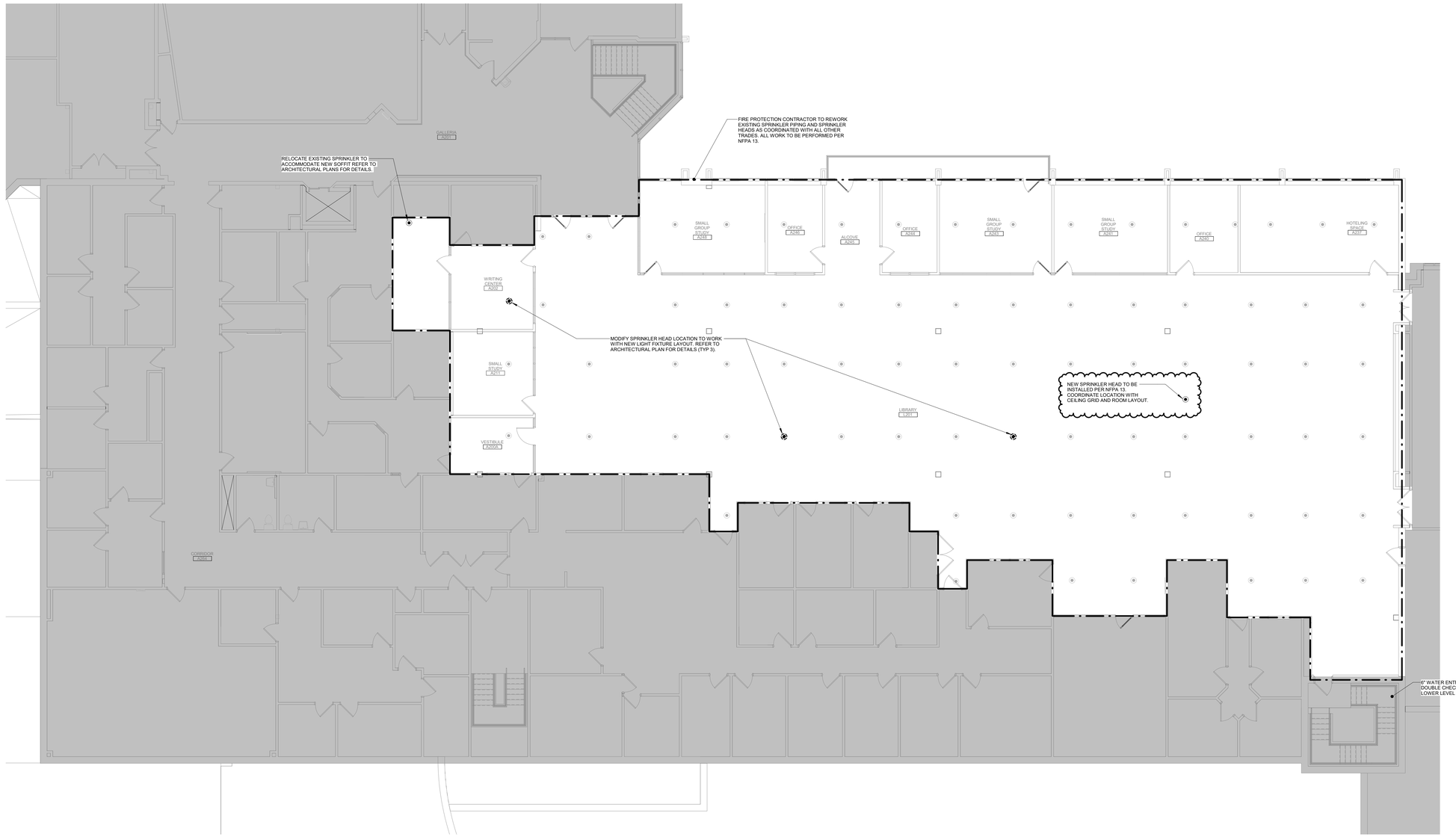
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POWER AND SYSTEMS PLAN - LEVEL 2

E1-3

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1 FP1-1 **FIRE PROTECTION DEMOLITION PLAN - LEVEL 2**
1/8" = 1'-0"

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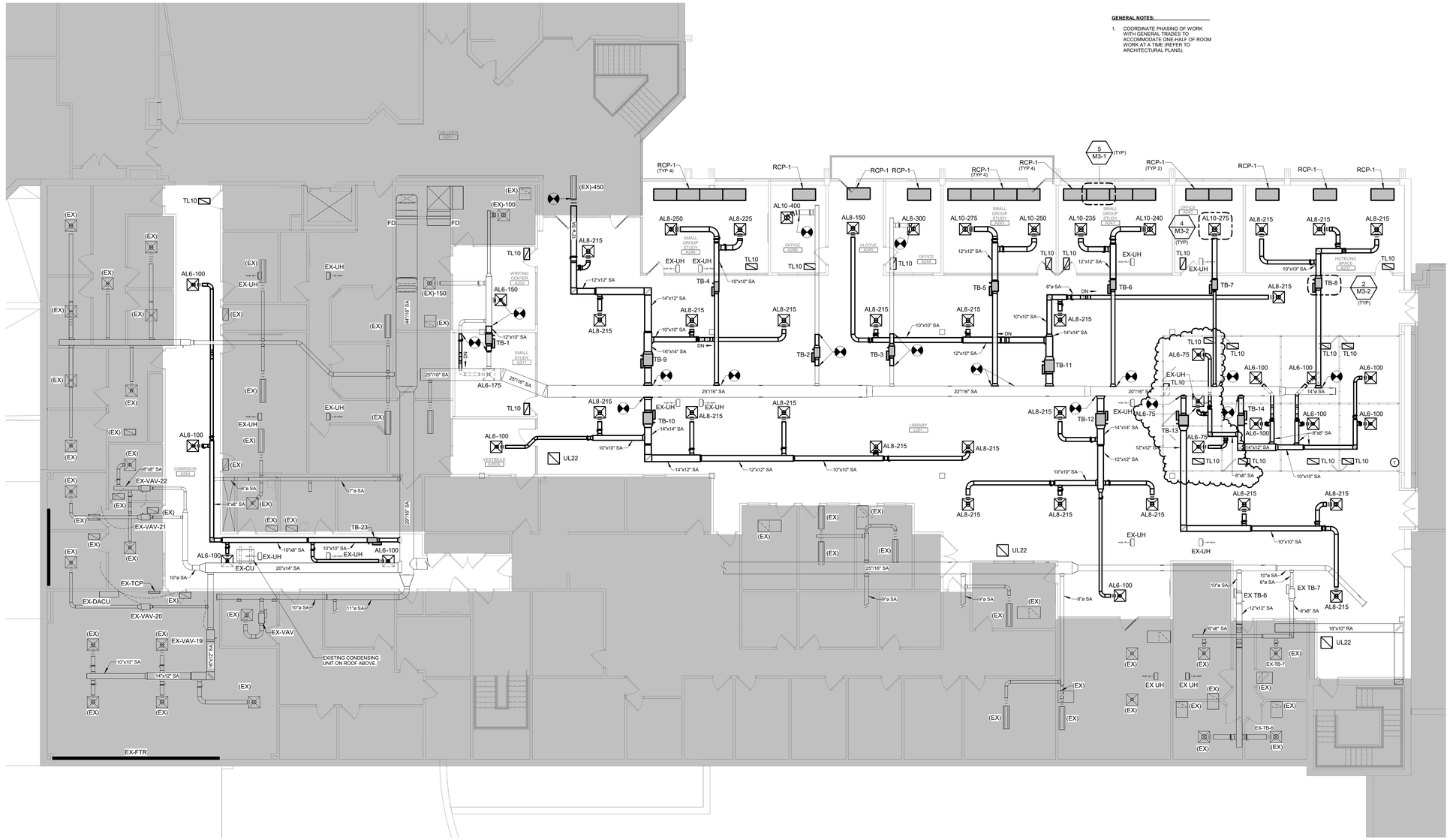
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FIRE PROTECTION DEMOLITION PLAN - LEVEL 2

FP1-1

NO.

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1 M2-1 **MECHANICAL DUCTWORK PLAN - LEVEL 2**
1/8" = 1'-0"

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MECHANICAL DUCTWORK PLAN - LEVEL 2

M2-1

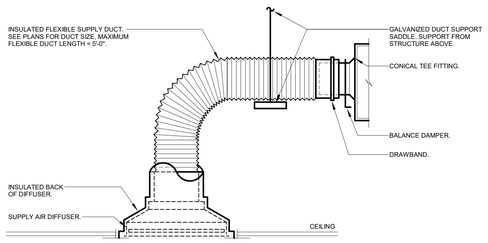
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GRILLE AND DIFFUSER SCHEDULE

REMARKS:
1. FINISH SHALL BE WHITE, UNLESS NOTED OTHERWISE.
2. FURNISH ALL DIFFUSERS WITH FACTORY INSULATED R-6 FOIL-BACKED INSULATION.
3. BALANCE ALL EXISTING GRILLES AND DIFFUSERS TAGGED "EX" TO THE AIRFLOW INDICATED ON THE PLANS.
4. FURNISH WITH PRICE RETURN AIR CANOPY (RAC) OR APPROVED EQUAL.

MARK	MANUFACTURER	MODEL	SERVICE	MOUNTING	INLET SIZE	OVERALL SIZE	MAX AIRFLOW (CFM) EACH	THROW PATTERN	MAX NC	REMARKS
AL6	PRICE	SPD	SUPPLY	LAY-IN	6" DIA	24"x24"	100	4-WAY	25	1, 2
AL8	PRICE	SPD	SUPPLY	LAY-IN	8" DIA	24"x24"	215	4-WAY	25	1, 2
AL10	PRICE	SPD	SUPPLY	LAY-IN	10" DIA	24"x24"	400	4-WAY	25	1, 2
TL10	PRICE	80	RETURN	LAY-IN	22"x10"	24"x12"	1650	N/A	25	1, 4
UL22	PRICE	80	RETURN	LAY-IN	22"x22"	24"x24"	2250	N/A	25	1, 4
EX	-	-	-	-	-	-	-	EXISTING	-	3

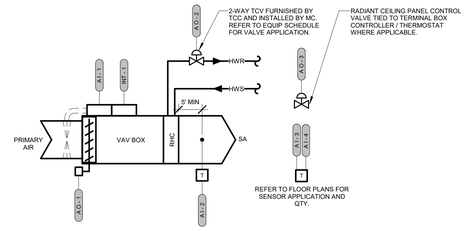


4 / M3-2 TYPICAL DUCT/DIFFUSER CONNECTION DETAIL
NTS

TERMINAL BOX SCHEDULE

REMARKS:
1. RE-HEAT COIL WPD SHALL NOT EXCEED 10FT W.C. HEAD PRESSURE.
2. RE-HEAT COIL CAPACITY SHALL BE BASED ON THE MINIMUM AIRFLOW.
3. ASSEMBLY PRESSURE DROP SHALL NOT EXCEED 0.25" W.C. AT MAX AIRFLOW (INCLUDING RE-HEAT COIL).
4. FURNISH WITH OVERSIZED CASING.
5. REBALANCE EXISTING-TO-REMAIN UNITS PER NEW HYDRONIC PIPING HOOKUPS.

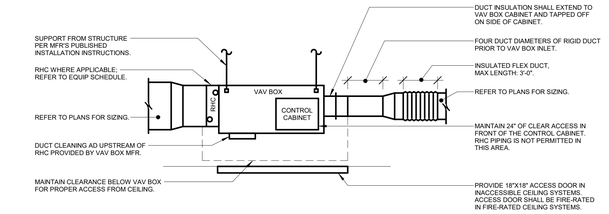
							RE-HEAT COIL					
MARK	SERVICE	MANUFACTURER	MODEL	MAX AIRFLOW	MIN AIRFLOW	INLET SIZE	MBH	EWT	LWT	GPM	CONTROL VAVLE TYPE	REMARKS
TB-1	WRITING CENTER A202	PRICE	SDV	575	350	10	14.3	140	104	0.8	TWO-WAY	1, 2, 3, 4
TB-2	OFFICE A246	PRICE	SDV	400	250	8	11.0	140	118	1.1	TWO-WAY	1, 2, 3, 4
TB-3	OFFICE A244	PRICE	SDV	300	200	8	9.1	140	112	0.7	TWO-WAY	1, 2, 3
TB-4	SMALL GROUP STUDY A248	PRICE	SDV	475	350	8	15.9	140	115	1.4	TWO-WAY	1, 2, 3, 4
TB-5	SMALL GROUP STUDY A243	PRICE	SDV	525	400	10	17.8	140	117	1.6	TWO-WAY	1, 2, 3
TB-6	SMALL GROUP STUDY A241	PRICE	SDV	475	350	8	16.0	140	116	1.4	TWO-WAY	1, 2, 3, 4
TB-7	OFFICE A240	PRICE	SDV	275	200	6	9.5	140	115	0.8	TWO-WAY	1, 2, 3, 4
TB-8	HOTELING SPACE A237	PRICE	SDV	650	500	10	23.8	140	119	2.4	TWO-WAY	1, 2, 3, 4
TB-9	LIBRARY L201	PRICE	SDV	1300	750	12	31.3	140	110	2.1	TWO-WAY	1, 2, 3, 4
TB-10	LIBRARY L201	PRICE	SDV	1200	700	12	29.4	140	109	1.9	TWO-WAY	1, 2, 3, 4
TB-11	LIBRARY L201	PRICE	SDV	1050	650	12	26.7	140	106	1.6	TWO-WAY	1, 2, 3, 4
TB-12	LIBRARY L201	PRICE	SDV	960	550	12	25.0	140	109	1.6	TWO-WAY	1, 2, 3, 4
TB-13	LIBRARY L201	PRICE	SDV	650	450	10	19.3	140	110	1.3	TWO-WAY	1, 2, 3, 4
TB-14	STUDY ROOMS	PRICE	SDV	850	450	10	19.3	140	110	1.3	TWO-WAY	1, 2, 3, 4
TB-23	CORRIDOR A260	PRICE	SDV	400	300	8	12.6	140	108	0.8	TWO-WAY	1, 2, 3, 4
EX-VAV-19	EXISTING	EXISTING	EXISTING	1300	650	EXISTING	50	140	110	3.3	TWO-WAY	5
EX-VAV-20	EXISTING	EXISTING	EXISTING	100	75	EXISTING	4	140	113	0.3	TWO-WAY	5
EX-VAV-21	EXISTING	EXISTING	EXISTING	100	75	EXISTING	4	140	113	0.3	TWO-WAY	5
EX-VAV-22	EXISTING	EXISTING	EXISTING	200	100	EXISTING	8	140	108	0.5	TWO-WAY	5



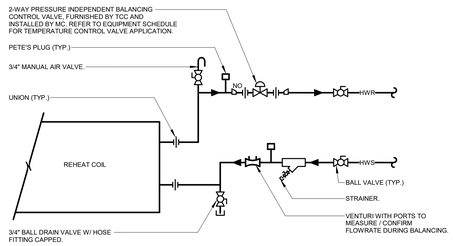
1 / M3-2 TERMINAL BOX CONTROLS DIAGRAM (HYDRONIC REHEAT)
NTS

TERMINAL BOX CONTROL POINTS LIST (HYDRONIC REHEAT)

POINT	DESCRIPTION
AO-1	VAV BOX DAMPER MODULATION
AO-2	RHC TCV MODULATION
AO-3	RCP CONTROL VALVE MODUALTION
AI-1	AIRFLOW (CFM)
AI-2	VAV BOX DISCHARGE TEMP
AI-3	SPACE TEMP
AI-4	SPACE TEMPERATURE SETPOINT
INT-1	BACNET



2 / M3-2 TERMINAL BOX INSTALLATION DETAIL
NTS



NOTE:

1. PROVIDE 8" OF CLEARANCE AT PETE'S PLUG FOR INSERTION OF TEST DEVICES.
2. SHUT-OFF VALVES, STRAINERS, AND UNIONS OR FLANGES SHALL BE FULL PIPE SIZE. PIPING TO COIL CONNECTIONS SHALL NOT BE SMALLER THAN COIL CONNECTION SIZE.
3. SEE FLOOR PLAN DRAWINGS FOR SIZES OF BRANCH PIPING TO HEATING COILS.
4. THIS DETAIL APPLIES TO TERMINAL BOXES WITH HYDRONIC REHEAT, CABINET UNIT HEATERS AND UNIT HEATERS CONTROLLED VIA TWO-WAY VALVES.
5. HEATING WATER SUPPLY SHALL BE PIPED TO THE LEAVING AIR SIDE OF THE COIL.
6. FACTORY MOUNTED PIPING PACKAGES ARE AN ACCEPTABLE OPTION IN LIEU OF FIELD INSTALLED COIL HOOKUPS. WHERE FACTORY MOUNTED PIPING PACKAGES ARE PROVIDED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING REQUIRED CLEARANCES PRIOR TO ORDERING AND SHALL BEAR ANY COST WITH MODIFYING FACTORY MOUNTED PIPING PACKAGES WHERE SUFFICIENT CLEARANCE IS NOT ACHIEVABLE DUE TO FIELD CONDITIONS.

3 / M3-2 HEATING COIL PIPING DIAGRAM (TWO-WAY)
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MECHANICAL SCHEDULES AND DETAILS

M3-2

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