

LILY HALL TEACHING LAB 1-129 RENOVATION

PURDUE UNIVERSITY

915 Mitch Daniels Blvd West Lafayette, IN 47907

SHEET INDEX

00 GENERAL NOTE: 3D VIEWS PROVIDED FOR REFERENCE ONLY, REFER TO DRAWINGS FOR ALL INFORMATION GENERAL NOTES

PROJECT OVERVIEW

ASSEMBLIES + OPENINGS DEMOLITION PLAN ARCHITECTURAL PLAN + INTERIOR ELEVATIONS REFLECTED CEILING PLAN INTERIOR FINISH PLAN

ELECTRICAL COVERSHEET FIRST FLOOR MEP DEMOLITION PLAN FIRST FLOOR LIGHTING PLAN FIRST FLOOR POWER & SYSTEMS PLAN

FIRST FLOOR TECHNOLOGY PLAN ELECTRICAL DETAILS ELECTRICAL SCHEDULES





ARCHITECT

DELV Design Studio, LLC. 1411 Roosevelt Ave Suite 302 Indianapolis, IN 46201 (317) 296-7400

MEP

8900 Keystone Crossing #210 Indianapolis, IN 46240 (317) 848-5045

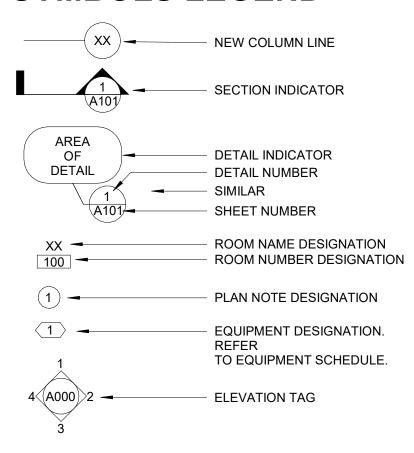
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CLIENT PROJ. #: C.40.12505 PROJECT #: 24-045 ISSUE DATE: 10.03.2024 DRW: ZAA | CHK: JSS

COVER SHEET

SYMBOLS LEGEND



ABBREVIATIONS

AIR CONDITIONING

ACOUSTICAL CEILING TILE

ACOUSTICAL

ACOUS.

ACP

ADA

ALT.

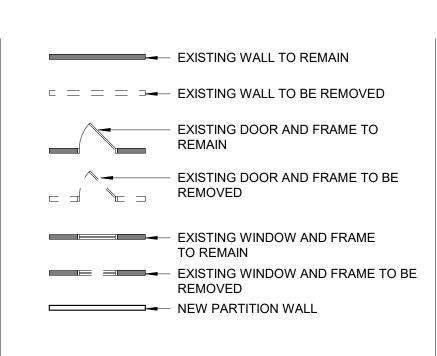
A.P.

A.V.

B/O

BSMT.

ALUM.



DEPARTMENT

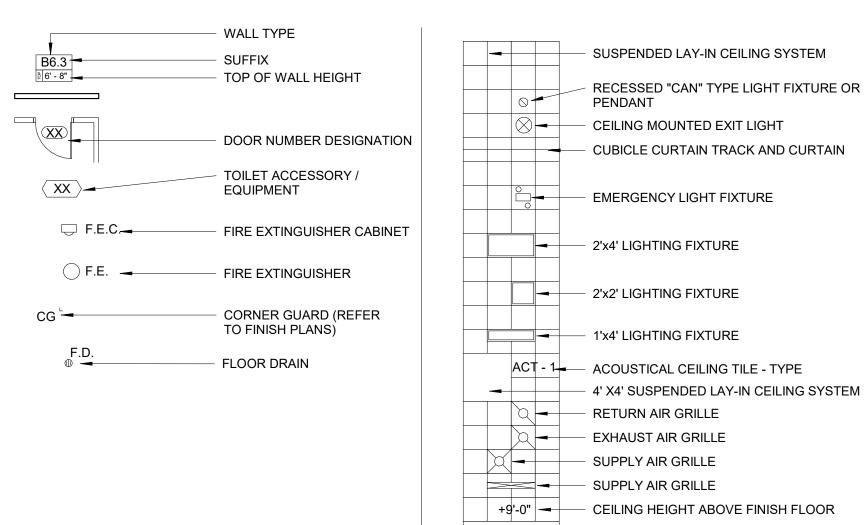
DRINKING FOUNTAIN

DETAIL

DET.

CABINET

CONTRACTOR FURNISHED-CONTRACTOR



FAB.

FIRE RESISTIVE

FAN COIL UNIT

FABRICATE/FABRICATOR

MATERIALS LEGEND

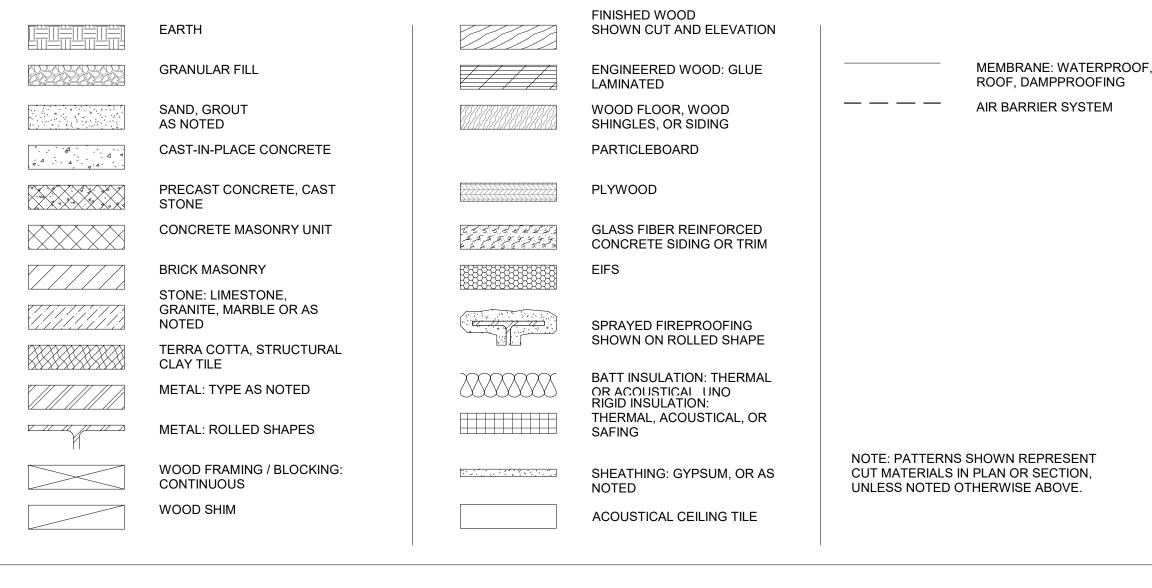
PROPERTY LINE

PLASTER

P. LAM

PLAS.

PLASTIC LAMINATE



S.D.

SCHEDULE

SECTION

SOAP DISPENSER





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ARCHITECT

DELV Design 212 W 10th St, STE F125 Indianapolis, IN 46202 (317) 296-7400

MEP

IMEG 8900 Keystone Crossing #210 Indianapolis, IN 46240 (317) 848-5045

SECT. S.F. DIA. T.S. H.M. PAIR SQUARE FEET ACOUSTICAL CEILING PANEL **CORNER GUARD** DIAMETER **HOLLOW METAL** M.D.F. MEDIUM DENSITY FIBERBOARD PR. TOP OF STEEL FLOOR DRAIN AMERICANS W/DISABILITIES ACT C.I.P. CAST-IN-PLACE DIM. DIMENSION FIRE EXTINGUISHER HORIZ. HORIZONTAL MECH. MECHANICAL PREFAB. PREFABRICATED SHT. SHEET T.W. TOP OF WALL AMERICANS W/ DISABILITIES C.J. **CONTROL JOINT** DISP. DISPENSER FIRE EXTINGUISHER CABINET M.E.P. MECH./ELECT./PLUMBING PARTICLE BOARD SIM. SIMILAR TYP. TYPICAL D.M.B. F.F.E. FINISH FLOOR ELEVATION ACCESSIBILITY GUIDELINES CENTERLINE DRY MARKER BOARD HVAC. HEATING, VENTILATION & A.C. MFR. MANUFACTURER(ING) PORCELAIN TILE SPEC. SPECIFICATION CLG. CLR C.M. DN DS FURNISHINGS, FIXTURES AND EQUIPMENT H.W. PTD. ADJUSTABLE CEILING DOWN HOT WATER MANHOLE PAINTED SQ. SQUARE UNLESS NOTED OTHERWISE ARCHITECT/ENGINEER CLEAR(ANCE) DOWNSPOUT FIRE HOSE CABINET MINIMUM PLYWOOD STAINLESS STEEL FIN. FLR. DWG. UTIL. CONSTRUCTION MANAGER STD. ABOVE FINISHED FLOOR DRAWING FINISH(ED) MISCELLANEOUS STANDARD CMP COMPOSITE METAL PANEL FLOOR **INSIDE DIAMETER** M.O. MASONRY OPENING STL. U.V. UNIT VENTILATOR ALTERNATE STEEL C.M.U. QUARRY TILE CONCRETE MASONRY UNIT FLUORESCENT **INCANDESCENT** STOR. STORAGE ALUMINUM FLUOR. MTL. METAL STRUCT. ACCESS PANEL COL. COLUMN FINISH OPENING **INFORMATION** STRUCTURAL ARCHITECT/ARCHITECTURAL ELECTRICAL CONTRACTOR \overline{V} .C.T. CONC. CONCRETE F.O.B. FACE OF BLOCK INSULATION SUSPEND(ED) VINYL COMPOSITION TILE CONST. INT. CONSTRUCTION EXTERIOR INSULATION FINISH SYSTEM INTERIOR NO APPLIED FINISH RADIUS SYM. VERT. AUDIO/VISUAL F.O.BR. FACE OF BRICK SYMMETRICAL VERTICAL CONT. CONTINUOUS **EXPANSION JOINT** FACE OF CONCRETE N.I.C. NOT IN CONTRACT R.C.P. REFLECTED CEILING PLAN VEST. VESTIBULE CONTR. CONTRACTOR **ELEVATION** FACE OF FINISH NUMBER **ROOF DRAIN** VERIFY IN FIELD BOARD COOR. COORDINATE ELECTRIC/ELECTRICAL F.O.G. FACE OF GYPSUM BD. **JANITOR** NOT TO SCALE REF. REFERENCE THICKNESS N.T.S. **BITUMINOUS ELEVATOR/ELEVATION** FACE OF STUD JANITOR CLOSET REFLECTED TACK BOARD CERAMIC TILE FPRF. JST. BRG. JOIST BEARING REINF TBD WIDE/WIDTH BUILDING **ENGINEER** FIREPROOF REINFORCED TO BE DETERMINED OVER ALL T.C. C.W. COLD WATER E.P. FT. TOP OF CURB **BOTTOM OF** ELECTRICAL PANEL FOOT/FEET JOINT RESIL. RESILIENT WITH WATER CLOSET BOTTOM OF WALL EQ. FIELD VERIFY ON CENTER RIGHT HAND TOP OF DECK BASEMENT EQUIP. **EQUIPMENT** OUTSIDE DIAMETER ROOM TECHNICAL WD. WOOD TECH. E.W.C. ELECTRIC WATER COOLER OWNER FURNISHED-CONTRACTOR R.O. **ROUGH OPENING** WATER HEATER LENGTH TELEPHONE W.H. **EXISTING** LAVATORY INSTALLED **TEMPORARY** WITHOUT GENERAL CONTRACTOR OWNER FURNISHED-OWNER **EXPOSED** LB. TONGUE AND GROOVE WEIGHT POUND W.W.F. WELDED WIRE FABRIC EXT. EXTERIOR GEN. GENERAL L.H. LEFT HAND INSTALLED TOP OF MASONRY GLASS L.L.H. LONG LEG HORIZONTAL OPPOSITE HAND GYPSUM WALL BOARD OPENING L.L.O. LONG LEG OUT OPG. L.L.V. LONG LEG VERTICAL OPP. OPPOSITE

HEIGHT

HOSE BIBB

HARDWARE

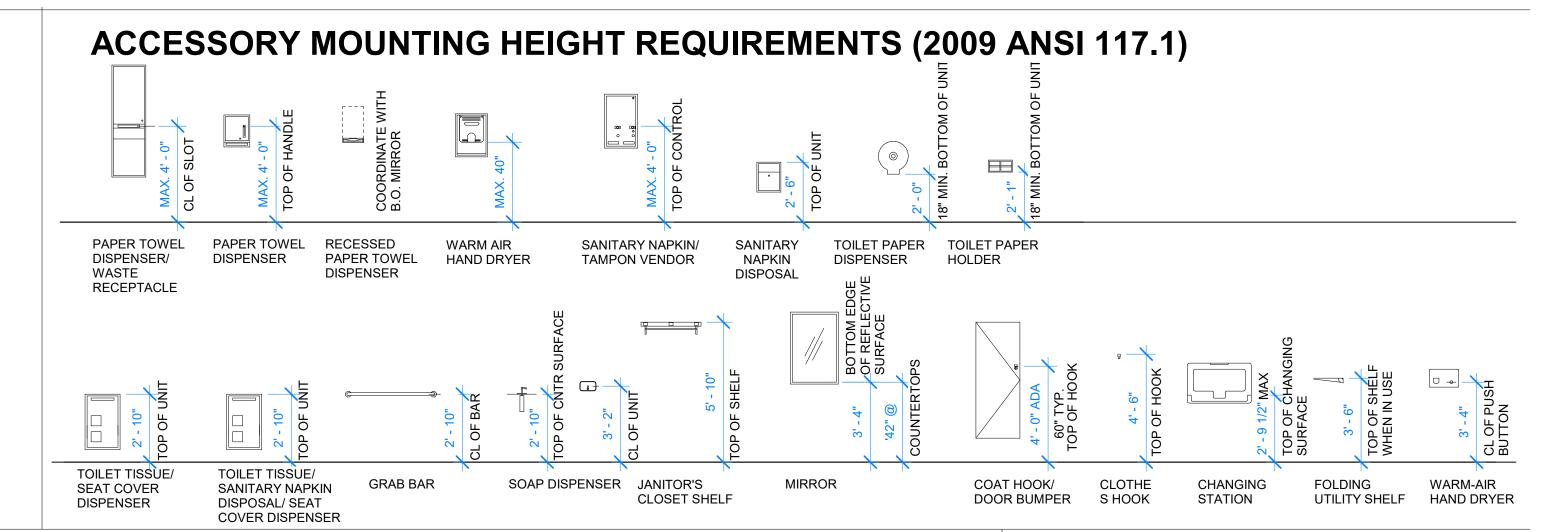
MAXIMUM

MARKER BOARD

MECHANICAL CONTRACTOR

MB.

■ DRYWALL BULKHEAD/CEILING



GENERAL PROJECT NOTES

TMPRD. T/O T.P.

TEMPERED

TOP OF PAVEMENT

TOP OF

- A. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. B. ALL CONCEALED WOOD FRAMING AND PLYWOOD SHALL BE FIRE-RETARDANT TREATED (FRT) EXCEPT THAT NON-F.R.T. BLOCKING, NAILERS AND FURRING MAY BE USED WHERE INSTALLED IN ACCORDANCE WITH INDIANA BUILDING CODE CHAPTER 8 (INCLUDING DIMENSIONAL WOOD BLOCKING, FIRE BLOCKING, REQUIREMENTS, ETC.), WOOD BLOCKING INSTALLED IN ACCORDANCE WITH INDIANA BUILDING CODE SECTION 603, FOR HANDRAILS, MILLWORK, CABINETS, WINDOWS AND DOORS IS NOT REQUIRED TO BE F.R.T. AT COPINGS AND ROOFING TERMINATIONS ALL BLOCKING SHALL BE PRESSURE TREATED (PT). WHERE WOOD BLOCKING IS IN CONTACT WITH CMU, MASONRY OR CONCRETE, SUCH BLOCKING
- SHALL BE PRESSURE TREATED. C. ALL CHANGES IN FLOOR FINISHES SHALL OCCUR AT DOOR THRESHOLDS - TYPICAL,
- D. ALL CONTRACTORS SHALL REVIEW DWGS FOR MATERIALS AND MANUFACTURER'S MODEL NUMBERS LISTED ON DWGS.
- E. CONTRACTOR SHALL PROVIDE ALL CONCEALED BLOCKING REQUIRED FOR ATTACHMENT AND SUPPORT OF EQUIPMENT, FIXTURES, WINDOWS, ETC.
- F. CONTRACTOR SHALL VERIFY ALL ROUGH OPENING SIZES FOR WINDOWS AND DOORS AND COORDINATE ANY REQUIRED ADJUSTMENTS WITH THE ARCHITECT. G. SYMBOLS THAT REPRESENT M&E ITEMS ON ARCHITECTURAL DRAWINGS ARE FOR GRAPHIC PURPOSES ONLY. REFER TO M&E DRAWINGS FOR SPECIFIC INFORMATION. SYMBOLS THAT REPRESENT STRUCTURAL ITEMS ON
- ARCHITECTURAL DRAWINGS ARE FOR GRAPHIC PURPOSES ONLY. REFER TO STRUCTURAL DRAWINGS FOR SPECIFIC INFORMATION. H. ALL ANCHORS, FASTENERS, ETC. IN CONTACT WITH P.T. WOOD COMPONENTS SHALL BE STAINLESS STEEL OR G-90 (MIN.) HOT-DIPPED GALVANIZED.
- I. REFER TO MECHANICAL DRAWINGS FOR ALL FLOOR DRAIN LOCATIONS. J. PROVIDE PROVISIONS AT ALL WALL FRAMING, STRUCTURE, STOREFRONT, CURTAINWALLS, DOOR FRAMES, ETC. TO ALLOW FOR DEFLECTION AND STRUCTURAL MOVEMENT WITHOUT COMPRESSING ASSEMBLIES.
- K. WORK SHOWN IN THE DRAWINGS SHALL BE BASE BID UNLESS SPECIFICALLY NOTED TO BE BY ALTERNATE BID. L. FIELD VERIFY EXISTING FINISH FLOOR ELEVATIONS PRIOR TO STARTING
- CONSTRUCTION. MATCH NEW FLOOR ELEVATIONS WITH EXISTING UNLESS NOTED M. REPAIR AND PATCH SPRAYED FIRE-RESISTIVE AND FIRESTOP MATERIALS WHERE DAMAGED DUE TO INSTALLATION OF NEW MATERIALS TO RESTORE SPECIFIED FIRE

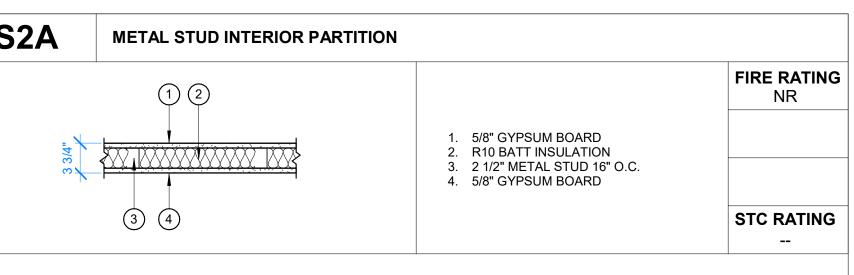
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GENERAL NOTES



INTERIOR WALL ASSEMBLIES

GENERAL WALL TYPE NOTES

- A. PROVIDE 5/8" THICK GYPSUM WALL BOARD (WHERE GYP BD NOTED), UNLESS NOTED OTHERWISE. PROVIDE TYPE 'X' GYPSUM WALL BOARD AT ALL RATED WALL ASSEMBLY LOCATIONS. PROVIDE TYPE 'C' GYPSUM CEILING BOARD AT ALL RATED HORIZONTAL ASSEMBLY LOCATIONS.
- B. DIMENSIONS IN PLAN AND ELEVATION ARE TAKEN TO THE FACE OF STUD, FACE OF EXPOSED MASONRY, CONCRETE, OR CENTER LINE OF COLUMN, LINE ESS NOTED OTHERWISE
- UNLESS NOTED OTHERWISE.

 C. ALL INTERIOR WALLS SHALL BE TYPE 'S2A' UNLESS NOTED OTHERWISE.

 D. ALL WALLS TO DECK UNLESS NOTED OTHERWISE.

 E. PROVIDE FULL HEIGHT STRUCTURAL STUDS TO THE STRUCTURE ABOVE AT
- ALL CORNERS, AT DOOR AND BORROWED LIGHT FRAMES, JAMBS, AND BEHIND ALL WALL MOUNTED EQUIPMENT AND/ OR CASEWORK.

 F. FURNISH AND INSTALL FIRESTOP SEALANT WHERE GYPSUM WALL BOARD MEETS FIREPROOFING ON COLUMNS, BEAMS, AND METAL DECK AT FIRE RATED PARTITIONS.
- RATED PARTITIONS.

 G. ALL PENETRATIONS THROUGH FIRE AND SMOKE RATED WALLS SHALL BE FIRE STOPPED AS NECESSARY TO MAINTAIN RATINGS.

 H. AT FIRE RATED WALLS, PROVIDE TESTED FIRESTOPPING SYSTEM AT HEAD OF WALL. AT ALL NON-FIRE RATED WALLS, INCLUDING SOUND RESISTANT WALLS, SMOKE PARTITIONS AND CORRIDOR WALLS, PACK VOID SPACE
- BETWEEN METAL DECK FLUTES AND TOP OF PARTITION WITH FIRE SAFING AND SEAL GAP AT DRYWALL WITH ACOUSTICAL SEALANT.

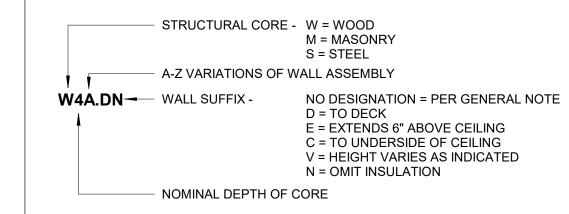
 ALL WALLS SHALL BE TREATED AS SOUND RESISTANT WALLS (UNLESS NOTED OTHERWISE). SEAL AROUND ALL PENETRATIONS ON BOTH SIDES OF THE ASSEMBLY, SEAL AT BOTH SIDES OF INTERSECTIONS WITH ADJACENT ASSEMBLIES, AND INSTALL SOUND ATTENUATION BATTS FULL HEIGHT. FIT INSULATION TIGHT AROUND DUCT AND PIPE PENETRATIONS. ALL SOUND RESISTANT WALLS WITH SOUND ATTENUATION BATTS SHALL HAVE

ACOUSTICAL SEALANT UNDER BOTTOM RUNNER TRACK.

- J. ALL STUDS SHALL BE AT 16" O.C. UNLESS NOTED OTHERWISE.
 K. ALL SHAFT WALL STUDS SHALL BE AT 24" O.C. UNLESS NOTED OTHERWISE.
 L. PROVIDE CLIP ANGLES AT EACH STUD, WHEN FRAMING IS FURRED OUT FROM
- EXISTING WALL.

 M. PROVIDE 1/2" ALIGNMENT SPACE, WHERE APPLICABLE, WHEN FRAMING IS FURRED OUT FROM EXISTING WALL.
- O. REFER TO A011 FOR TYPICAL TOP OF WALL AND JOINT DETAILS.
 P. BULLNOSE CMU SHALL BE USED AT ALL OUTSIDE CORNERS (U.N.O.) OMIT BULLNOSE AT FIRST COURSE OF MASONRY FROM FLOOR.
- Q. ALL MASONRY SHALL BE INSTALLED WITH HORIZONTAL MASONRY REINFORCEMENT AT EVERY OTHER MASONRY COURSE. PROVIDE MASONRY REINFORCEMENT AT EACH MASONRY COURSE IN PARAPET CONDITIONS. REFER TO MASONRY SPECIFICATIONS AND STRUCTURAL DOCUMENTS FOR REINFORCEMENT TYPE AND MATERIAL. IN THE EVENT THAT A DRAWING DOES NOT GRAPHICALLY INDICATE REINFORCEMENT, TIES, OR ANCHORS, THE REINFORCEMENT, TIES AND ANCHORS ARE STILL REQUIRED.
- R. UNLESS SPECIFICALLY REQUIRED BY DETAILS, DO NOT PLACE TIES OR ANCHORS IN THE SAME COURSE AS FLASHINGS. STRADDLE ANCHORS ABOVE OR BELOW FLASHINGS TO MAINTAIN MAXIMUM SPACINGS INDICATED.
- S. STONE VENEERS TO UTILIZE TOP AND BOTTOM STONE ANCHORS, TYPE AND SPACING AS DETERMINED BY THE STONE MANUFACTURER FOR THE APPLICATIONS SHOWN.

INTERIOR WALL TYPE LEGEND



GENERAL OPENING NOTES

- A. ALL DOORS TO OCCUPIABLE ROOMS SHALL HAVE PASSAGE HARDWARE IF NO
- OTHER HARDWARE IS SPECIFIED.

 B. ALL SINGLE USE RESTROOMS TO HAVE LOCKSETS WITH INTEGRAL "IN-USE" INDICATORS.

 C. DOOR LOCKSETS TO BE CONFIRMED W/ OWNER
- D. FINISHES FOR HARDWARE SHALL MATCH EXISTING.
 E. DOORS W/ CLOSERS TO HAVE BALL BEARING HINGES.
 F. KEY LOCKS AS PER OWNERS REQUIREMENTS

THE FINISHED FLOOR.

G. ALL EXTERIOR DOORS SHALL BE WEATHER-STRIPPED. PROVIDE DRIP CAPS AT THE HEAD OF THE DOOR AND AGAIN JUST ABOVE THE BOTTOM OF THE DOOR ON THE OUTSIDE TO KEEP WIND DRIVEN RAIN FROM ENTERING THE BUILDING.
H. ALL FIRE RATED DOORS SHALL BE SELF-CLOSING AND SELF LATCHING.
I. DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN 30" & 44" ABOVE

WOOD DOORS SHALL HAVE ALL EDGES FACTORY PRIMED AND SEALED,

- RESEAL ALL DOOR EDGES CUT IN FIELD.

 K. EXIT DOORS SHALL BE OPENABLE FROM INSIDE WITHOUT THE USE OF A KEY, SPECIAL EFFORT, OR SPECIAL KNOWLEDGE.
- L. DOOR OPENING HARDWARE SHALL BE OPERABLE WITH A SINGLE EFFORT AND SHALL NOT REQUIRE TIGHT GRASPING OR TWISTING OF THE WRIST.
 M. THE FOLLOWING SHALL BE CONSIDERED HAZARDOUS LOCATIONS REQUIRING SAFETY GLAZING MATERIALS. COMPLY WITH ALL LOCAL BUILDING CODE REQUIREMENTS FOR SAFETY GLAZING.
- a. DOORS GLAZING IN ALL FIXED AND OPERABLE PANELS OF SWINGING, SLIDING, AND BIFOLD DOORS.
 b. ADJACENT TO DOORS GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE
- PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE OF THE GLAZING IS WITHIN A 24" ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE WALKING SURFACE.

 c. WINDOWS GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL THAT
- MEETS ALL OF THE FOLLOWING CONDITIONS.

 THE EXPOSED AREA OF AN INDIVIDUAL PANE IS GREATER THAN 9 SF;

 THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 18" ABOVE THE
- FLOOR;
 THE TOP EDGE OF THE GLAZING IS GREATER THAN 36" ABOVE THE FLOOR; AND
 ONE OR MORE WALKING SURFACE(S) ARE WITHIN 36", MEASURED
- HORIZONTALLY AND IN A STRAIGHT LINE, OF THE PLANE OF THE GLAZING.

 d. GUARDS AND RAILINGS GLAZING IN GUARDS AND RAILINGS, INCLUDING STRUCTURAL BALUSTER PANELS AND NONSTRUCTURAL IN-FILL PANELS, REGARDLESS OF AREA OR HEIGHT ABOVE A WALKING SURFACE.

 e. WET SURFACES GLAZING IN WALLS, ENCLOSURES OR FENCES
- CONTAINING OR FACING HOT TUBS, SPAS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, SHOWERS AND INDOOR OR OUTDOOR SWIMMING POOLS WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" MEASURED VERTICALLY ABOVE ANY STANDING OR WALKING SURFACE. THIS SHALL APPLY TO SINGLE GLAZING AND ALL PANES IN MULTIPLE GLAZING.

 f. ADJACENT TO STAIRS AND RAMPS GLAZING WHERE THE BOTTOM
- THE ADJACENT WALKING SURFACE OF STAIRWAYS, LANDINGS BETWEEN FLIGHTS OF STAIRS, AND RAMPS.

 N. WHERE GLASS STOPS ARE ON PUBLIC SIDE OF FRAME, PROVIDE TAMPER RESISTANT SCREWS

 O. UNDERCUT NON-RATED DOORS 1/2" FROM BOTTOM OF DOOR TO SCHEDULED

EXPOSED EDGE OF THE GLAZING IS LESS THAN 60" ABOVE THE PLANE OF

FLOOR FINISH
P. PROVIDE SEALANT BETWEEN HOLLOW METAL FRAME PERIMETERS AND SURROUNDING WALL CONSTRUCTION UNLESS OTHERWISE INDICATED.

OPENING SCHEDULE LEGEND

Leaf Types
F - Flush
N - Narrow Lite
G - Half Glass
FG - Full Glass
AG - All Glass
L - Louver
B - Bifold
D - Dutch

Material Abbreviations
HM - Hollow Metal
WD - Wood
AL - Aluminium
IG - Insulated Glass

100% CONSTRUCTION

DOCUMENTS

DESIGN

PURDUE UNIVERSITY.

LILY HALL TEACHING

LAB 1-129

ARCHITECT

212 W 10th St, STE F125

8900 Keystone Crossing #210

Indianapolis, IN 46202

Indianapolis, IN 46240

DELV Design

(317) 296-7400

(317) 848-5045

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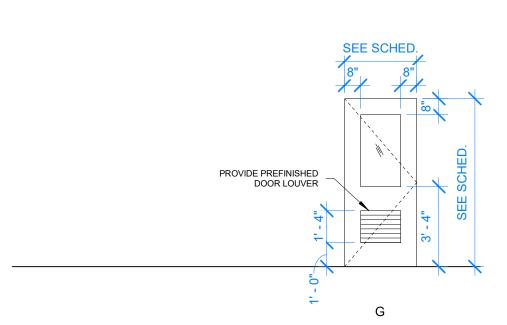
ASSEMBLIES + OPENINGS

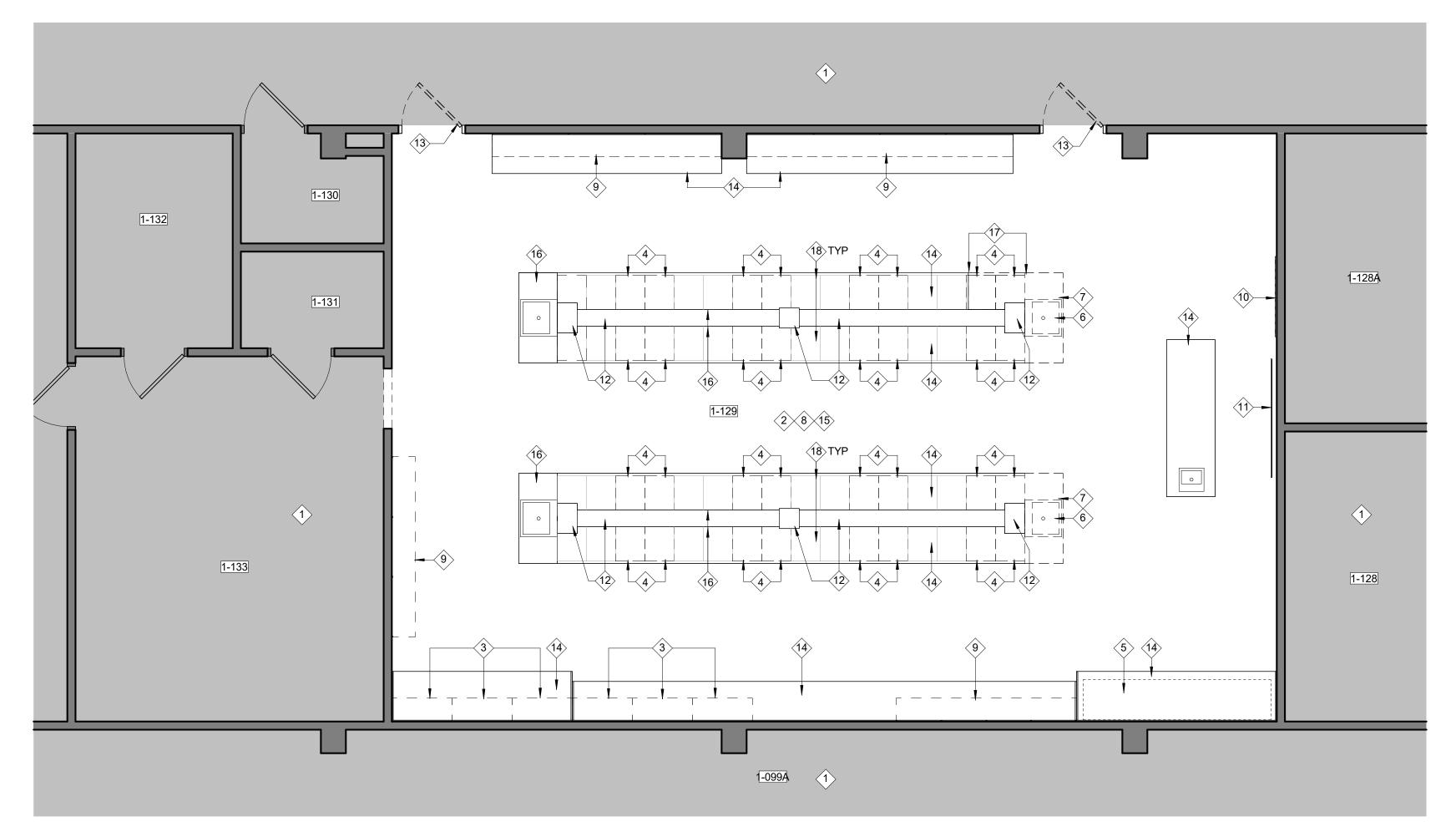
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DOOR SCHEDULE

				LEAF		FRAME					
								DE	TAIL		HARDWARE
OPENING #	ROOM NAME	HEIGHT	WIDTH	ELEVATION	MATERIAL	ELEVATION	MATERIAL	HEAD	JAMB	GLASS TYPE	SET REMARKS
129A	TEACHING LAB	7' - 0"	3' - 0"	G	SCW	EXISTING	EXISTING	EXISTING	EXISTING	3/8" CLEAR TEMPERED GLAZING	SEE REMARKS CONFIRM HARDWARE SET AND LOCKING WITH OWNER, MATCH EXISTING OPERATION AND HANDING; DOOR LOUVERS TO MATCH EXISTING DOORS THROUGHOUT BUILDING.
129B	TEACHING LAB	7' - 0"	3' - 0"	G	SCW	EXISTING	EXISTING	EXISTING	EXISTING	3/8" CLEAR TEMPERED GLAZING	SEE REMARKS CONFIRM HARDWARE SET AND LOCKING WITH OWNER, MATCH EXISTING OPERATION AND HANDING; DOOR LOUVERS TO MATCH EXISTING DOORS THROUGHOUT BUILDING.

DOOR OPENING ELEVATIONS





1 LILY TEACHING LAB 1-129_DEMOLITION PLAN
1/4" = 1'-0"

GENERAL DEMOLITION NOTES

- A. REFER TO G001 FOR MATERIALS AND SYMBOLS LEGENDS.B. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY PARTITIONS AND
- TEMPORARY DOORS AS DEEMED NECESSARY BY THE ARCHITECT, ENGINEER AND OWNER TO CONTROL DUST, DEBRIS AND ACCESS TO THE PROJECT SITE. THEY SHALL BE WELL MAINTAINED AND ANY DAMAGE REPAIRED IMMEDIATELY.

 C. THE CONTRACTOR SHALL COORDINATE ALL DEMOLITION WORK IN OCCUPIED SPACES AND SHALL NOTIFY THE OWNER TWO WEEKS PRIOR TO COMMENCING WORK. SUCH SPACES ARE TO REMAIN OCCUPIED DURING DEMOLITION AND ALL WORK SHALL BE PERFORMED IN SUCH A MANNER TO MINIMIZE DISRUPTIONS TO OCCUPANTS. PROTECT EXISTING FLOOR FINISHES FROM CONSTRUCTION TRAFFIC THROUGH OCCUPIED AREAS. EXISTING WALL, FLOOR AND CEILINGS FINISHES TO REMAIN SHALL BE PROTECTED AND ANY DAMAGE RESULTING
- FROM DEMOLITION WORK SHALL BE REPAIRED.

 D. WHEN DEMOLITION CAUSES DAMAGE TO FLOOR, WALL OR CEILING SURFACES THAT WILL REMAIN EXPOSED IN THE FINISHED WORK, SUCH DAMAGE SHALL BE
- REPAIRED AS REQUIRED TO RECEIVE NEW FINISHES.

 E. THE CONTRACTOR SHALL COVER AND PROTECT OWNER'S EQUIPMENT WHICH CANNOT BE REMOVED FROM THE PROJECT AREA.
- F. ALL EQUIPMENT REMOVED FROM PROJECT AREA.

 F. ALL EQUIPMENT REMOVED FROM PROJECT AREA SHALL BE RETURNED TO THE OWNER, UNLESS DIRECTED OTHERWISE BY OWNER. NOTES ON DEMOLITION PLAN FOR 'REMOVAL' SHALL NOT BE CONSTRUED AS A DIRECTIVE TO DISPOSE
- G. CONTRACTOR SHALL COORDINATE ALL DEMOLITION WITH ANY PHASING REQUIRED TO COMPLETE THE WORK.
- H. MAKE ALL DEMOLITION CLEAN AND COMPLETE AND IN A MANNER SUITABLE TO ACCEPT NEW FINISHES AND/OR SURFACES.
 I. REMOVE ALL EXISTING WALL MOUNTED ITEMS WITHIN THE PROJECT LIMIT AREA WHICH ARE NOT NOTED TO REMAIN. THE CONTRACTOR SHALL DISPOSE OF THESE ITEMS AFTER INSPECTION BY THE OWNER FOR FUTURE RE-USE. IF ITEMS ARE REMOVED FROM WALLS THAT ARE TO REMAIN, THE CONTRACTOR SHALL PATCH WALLS AS REQUIRED TO RECEIVE NEW FINISHES AND/OR
- DEMOLITION FOR BUILDING SERVICES AND UTILITIES SHALL BE PERFORMED BY THE TRADE RESPONSIBLE FOR THAT UTILITY. FOR EXAMPLE, PLUMBING FIXTURES SHALL BE DEMOLISHED BY THE MECHANICAL CONTRACTOR. OPENINGS FOR DEMOLISHED UTILITIES SHALL BE INFILLED BY TRADE RESPONSIBLE FOR PIPING, DUCT OR CONDUIT DEMOLITION. OPENINGS
- THROUGH FIRE-RATED CONSTRUCTION SHALL BE PATCHED TO MATCH EXISTING CONSTRUCTION AND/OR BE FIRESTOPPED.

 K. THE INTENT OF THE DEMOLITION NOTES IS TO PROVIDE A GENERAL OUTLINE FOR THE CONTRACTOR OF ITEMS TO BE REMOVED AND TO ALLOW FOR THE NEW CONSTRUCTION AS OUTLINED ELSEWHERE IN THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL OF ITEMS TO ALLOW FOR NEW CONSTRUCTION SHOWN OR NOT SHOWN ON DEMOLITION PLANS AS MAY BE REQUIRED.
- L. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PATCHING AND REPAIRING DUE TO DEMOLITION AND/OR REMOVAL OF EQUIPMENT TO CREATE A FLUSH, SMOOTH SURFACE PROPERLY PREPARED TO RECEIVE NEW FINISHES AS INDICATED. CONTRACTOR SHALL SOAP IN NEW CMU AT HOLES AND VOIDS LARGER THAN 2" DIAM. TO MATCH EXISTING ADJACENT AREAS AND PATTERNS.

 M. REFER TO MECHANICAL AND/OR ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR SPECIFIC REQUIREMENTS PERTAINING TO THE REMOVAL, RELOCATION

AND/OR MODIFICATION OF ITEMS RELATED TO EXISTING MECHANICAL AND

ELECTRICAL SYSTEMS.

N. SHOULD THE CONTRACTOR ENCOUNTER ANY MATERIALS DURING SELECTIVE DEMOLITION AND NEW WORK WHICH ARE SUSPECTED BY THE CONTRACTOR TO BE OF AN UNKNOWN OR QUESTIONABLE COMPOSITION WITH RESPECT TO CONTAINING CONTAMINANTS WHICH MAY BE HAZARDOUS TO HUMAN HEALTH, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF SUCH FINDINGS.





LILY HALL TEACHING LAB 1-129 RENOVATION

ARCHITECT

DELV Design 212 W 10th St, STE F125 Indianapolis, IN 46202 (317) 296-7400

EP

8900 Keystone Crossing #210 Indianapolis, IN 46240 (317) 848-5045

DEMOLITION KEYNOTES

1 HATCH INDICATES AREA NOT IN SCOPE.

TO REMAIN.

FEILD VERIFY.

- 2 REMOVE EXISTING LIGHT FIXTURES COMPLETE.
- REMOVE EXISTING UPPER CABINETS AND SALVAGE FOR REINSTALLATION.
 REMOVE 2 DRAWER STACKS (1 CABINET UNIT) TO CREATE AN APPROX. 35" WIDE KNEE SPACE UNDER EXISTING COUNTER TO REMAIN.
- 5 EXISTING HOOD TO REMAIN IN PLACE.
- 6 REMOVE EXISTING PLUMBING FIXTURES AND CAP PLUMBING.
 7 REMOVE EXISTING SINK UNIT AND BASE COMPLETE.
- 8 REMOVE EXISTING FLOORING AND BASE COMPLETE. PREP FLOOR FOR NEW FINISH.
- 9 REMOVE WALL MOUNTED SHELVING AND ASSOCIATED HARDWARE. PATCH, CLEAN, AND PREP WALLS AS REQUIRED.
 10 REMOVE EXISTING MARKER BOARD AND SALVAGE FOR REINSTALLATION.
- 11 REMOVE EXISTING TV AND SALVAGE FOR REINSTALLATION.

 12 REMOVE DAMAGED PLASTIC LAMINATE LAB ISLAND CHASE CAP AND PREP
- FOR NEW FINISH.

 13 REMOVE EXISTING DOOR AND ASSOCIATED HARDWARE COMPLETE; FRAME
- 14 SAND, CLEAN AND PREP COUNTERTOP FOR NEW FINISH.15 REMOVE EXISTING ACOUSTIC CEILING PANELS ADHERED TO BOTTOM OF
- CONCRETE DECK THAT ARE DAMAGED OR DISSIMILAR.
- 16 SCRUB AND CLEAN EXISTING LABORATORY SINK TO REMAIN.17 REMOVE APPROX. 34"W x 25"D PORTION OF EXISTING EPOXY COUNTERTOP;
- 18 REMOVE EXISTING VINYL BASE AS BASE CABIENTS TO REMAIN; CLEAN AND PREP SURFACE FOR NEW FINISH.



100% CONSTRUCTION

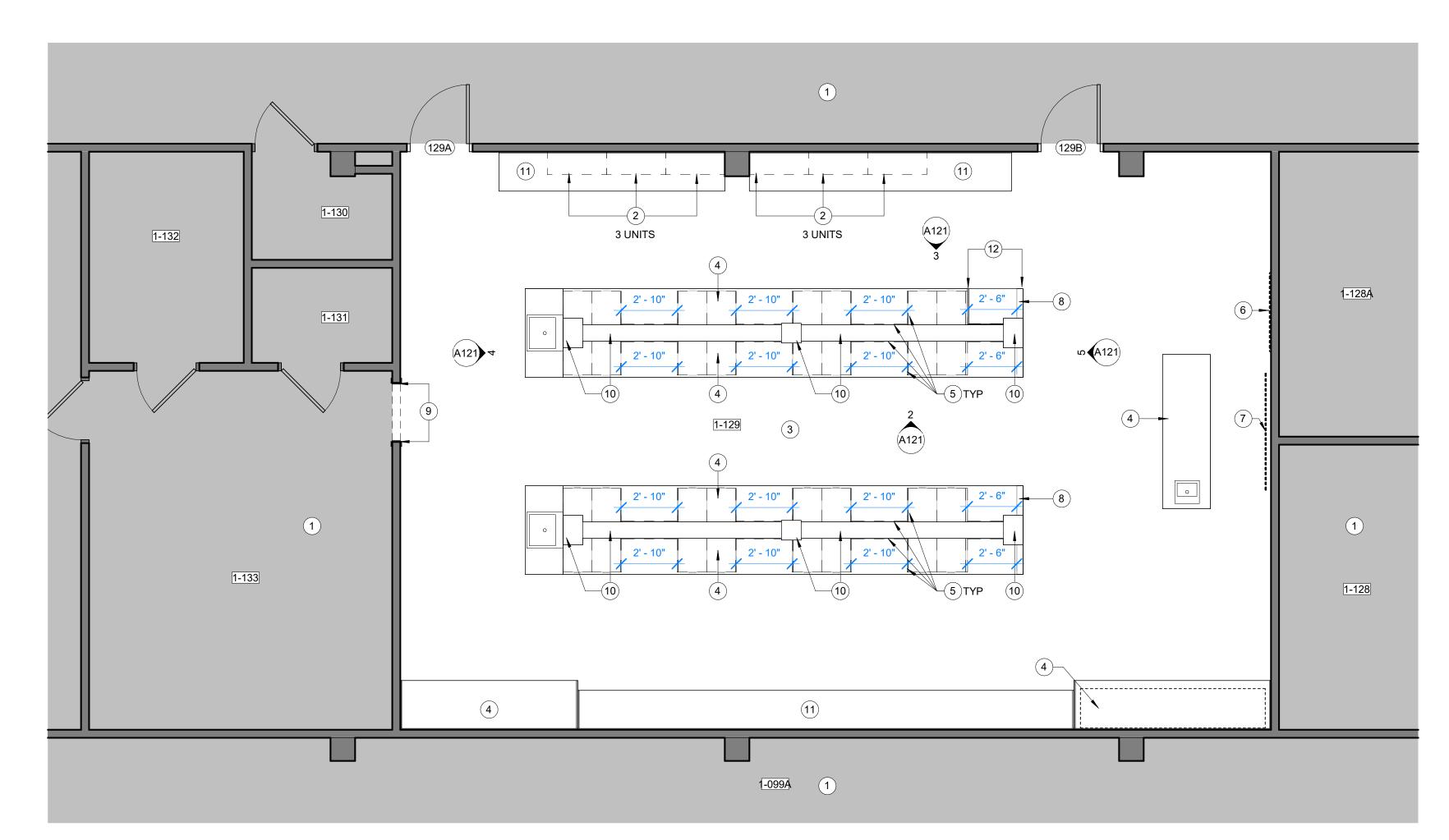
DOCUMENTS

ο.	Description	Date

CLIENT PROJ. #: C.40.12505 PROJECT #: 24-045 ISSUE DATE: 10.03.2024 DRW: ZAA | CHK: JSS

DEMOLITION PLAN

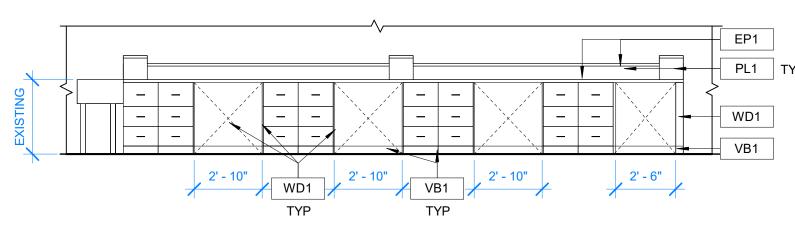
AU91



EP1

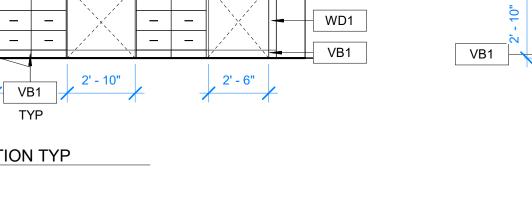
WD1

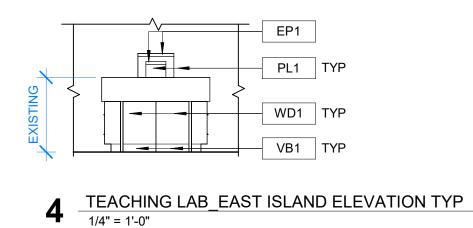
LILY TEACHING LAB 1-129_ARCHITECTURAL PLAN

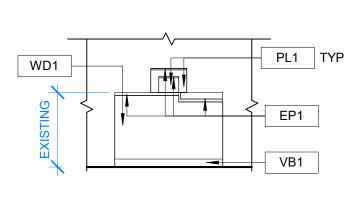


2 TEACHING LAB_NORTH ISLAND ELEVATION TYP

1/4" = 1'-0"







WD1

TEACHING LAB_SOUTH ISLAND ELEVATION TYP

1/4" = 1'-0"

5 TEACHING LAB_WEST ISLAND ELEVATION TYP

1/4" = 1'-0"

WD1 TYP

GENERAL ARCH. NOTES

- A. REFER TO G001 FOR MATERIALS AND SYMBOLS LEGENDS. B. COORDINATE EQUIPMENT WORK WITH MANUFACTURERS AND SUPPLIERS TO INSURE PROPER ROUGH-IN CLEARANCES FOR INSTALLATION, USE AND MAINTENANCE. NOTIFY ARCHITECT IF CLEARANCES FOR SELECTED
- EQUIPMENT DO NOT HAVE THE MINIMUM REQUIRED CLEARANCES. VERIFY MOUNTING HEIGHTS OF ACCESSORIES, EQUIPMENT, DOOR HARDWARE CASEWORK, ETC., AND PROVIDE SOLID BLOCKING BEHIND ITEMS REQUIRING ANCHORAGE. PROVIDE FIRE TREATED WOOD BLOCKING OR METAL STRAPS BETWEEN FRAMING MEMBERS AS REQUIRED TO SUPPORT WEIGHT AND USE OF ITEMS TO BE SUPPORTED. WHERE MOUNTING HEIGHTS ARE NOT INDICATED, MOUNT ITEMS IN ACCORDANCE WITH RECOGNIZED INDUSTRY STANDARDS, COORDINATE LOCATIONS WITH MANUFACTURER OR SUPPLIER AND REFER MOUNTING HEIGHT QUESTIONS TO ARCHITECT FOR INTERPRETATION.
- D. MOUNTING HEIGHTS: (UNLESS NOTED OTHERWISE) MB (FRAMELESS GLASS MARKER BOARD) - CONFIRM MOUNTING HEIGHT WITH

ARCH PLAN KEYNOTES 1

- 1 HATCH INDICATES AREA NOT IN SCOPE.
- 2 INSTALL SALVAGED UPPER CABINETS IN LOCATION AS INDICATED. 3 ALL EXISTING WOOD LAB UPPER AND BASE CABINETS TO BE CLEANED,
- INSIDE AND EXTERIOR SURFACES PATCHED. 4 REFINISH EXISTING EPOXY COUNTERTOP, PATCH AND FILL UNEVEN SURFACE; FINISH TO MATCH EXISTING; SAND WITH A PROGRESSION OF GRIT SANDPAPERS PER MANUFACTURER'S RECOMMENDATIONS; APPLY TWO PART EPOXY REFINISH SYSTEM; SAND TO FINISH.
- 5 INSTALL NEW 1/2" OAK FINISH PANELS ON INSIDE FACE OF NEWLY EXPOSED BASE CABINETS. MATCH PROFILE AND FINISH OF EXISTING CABINETS. 6 INSTALL SALVAGED MARKER BOARD IN LOCATION AS INDICATED.
- 8 INSTALL NEW 2 1/2" THICK UNDERCOUNTER ENDWALL ASSEMBLY. PROVIDE 2X4 WOOD FRAMING WITH 1/2" OAK PANELLING ON ALL 4 EXPOSED SIDES FINISHES TO MATCH EXISTING.

7 INSTALL SALVAGED TV IN LOCATION AS INDICATED.

SURFACE; FINISH TO MATCH EXISTING.

- 9 FILL HOLES FROM REMOVED HINGES/HARDWARE AT EXISTING DOOR FRAME. PAINT FRAME TO MATCH EXISTING FINISH.
- 10 PROVIDE NEW 1" EPOXY TOPS TO ISLAND CHASE; NEW EPOXY TO MATCH EXISTING FINISH. 11 REFINISH EXISTING WOOD COUNTERTOPS. PATCH AND FILL UNEVEN
- 12 INSTALL NEW 34"W x 25"D x 34"H ADA EPOXY COUNTERTOP WITH BACKSPLASH IN AREA AS INDICATED; NEW COUNTERTOP THICKNESS TO MATCH EXISTING ADJACENT.

DESIGN



LILY HALL TEACHING LAB 1-129 RENOVATION

ARCHITECT

DELV Design 212 W 10th St, STE F125 Indianapolis, IN 46202 (317) 296-7400

MEP

8900 Keystone Crossing #210 Indianapolis, IN 46240 (317) 848-5045

INT. ELEVATION GEN. NOTES

- A. REFER TO SHEET A610 FOR THE EQUIPMENT LIST AND SCHEDULE. REFER TO MEP DRAWINGS TO COORDINATE CONNECTIONS.
- CABINETRY AND EQUIPMENT AS REQUIRED.
- CONSTRUCTING CABINETRY. E. ALL BASE CABINETS SHALL BE 2'-0" DEEP UNLESS NOTED OTHERWISE.
- F. ALL CASEWORK SHALL BE FINISHED IN PLASTIC LAMINATE UNLESS NOTED OTHERWISE.
- G. PROVIDE 1" MINIMUM FILLER PANELS AT ALL LOCATIONS WHERE CABINETRY ABUTS A WALL. H. PROVIDE A 4" HIGH INTEGRAL BACK SPLASH ON ALL COUNTERS WITH
- PROVIDE ADJUSTABLE SHELVING WITHIN ALL WALL AND BASE
- K. CONSTRUCT GYPSUM DRYWALL BULKHEADS ABOVE UPPER CABINETRY

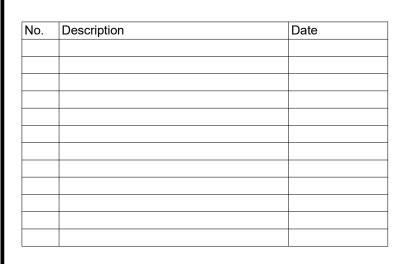
PROVIDE 12" CLEAR INTERIOR DIMENSION ON ALL UPPER WALL CABINETS

- TO BE 1" DEEPER AND LONGER THAN CABINETRY BELOW UNLESS
- THE ARCHITECT PRIOR TO CONSTRUCTION. M. COORDINATE ALL WALL OUTLETS TO AVOID CONFLICTS WITH
- PROVIDE A 2" MIN. GROMMET CENTERED ON THE KNEE SPACE BELOW. N. IN HEALTHCARE APPLICATIONS, PROVIDE SLOPED TOPS ON ALL UPPER
- O. ENSURE CABINET HARDWARE DOES NOT PREVENT PROPER FUNCTION IN SITUATIONS WHERE CASEWORK IS IN THE INSIDE CORNER OF AN 'L' CONFIGURATION. PROVIDE SOFT CLOSING HINGES AND DRAWER SLIDES.
- P. ALL COUNTERTOPS TO HAVE FINISHED SURFACE AT +34" AFF UNLESS NOTED OTHERWISE OR WHERE THIS CLEARANCE PREVENTS THE INSTALLATION OF UNDER-COUNTER EQUIPMENT. Q. ALL EXPOSED PIPING AT LAVATORIES SHALL BE INSULATED AND
- COVERED WITH A PRE-MOLDED RIGID INSULATION JACKET. R. PROVIDE FINISHED END PANELS, FILLERS, SUPPORTS, ETC. REQUIRED FOR A COMPLETE CABINETRY INSTALLATION. PROVIDE CUTOUTS, ACCESS PANELS AND REMOVABLE COMPONENTS AS REQUIRED BY NEW OR EXISTING CONDITIONS SUCH AS ELECTRICAL OUTLETS, JUNCTION BOXES, CLEANOUTS, ETC. MOUNT TOP OF WALL CABINETS AT +7'-0" A.F.F. UNLESS OTHERWISE INDICATED.

- B. ALL DIMENSIONS ARE TAKEN TO THE FACE OF FINISHED MATERIAL. C. INSTALL WOOD BLOCKING TO STUDS TO SUPPORT ALL WALL-MOUNTED
- D. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO
- SINKS. INSTALL SIDE SPLASHES WHERE THESE COUNTERS ABUT A WALL. CABINETRY AS SHOWN BY DASHED LINE.
- UNLESS NOTED OTHERWISE.
- INDICATED OTHERWISE. COORDINATE BULKHEAD HEIGHTS INDICATED HERE WITH THAT SHOWN
- ON THE REFLECTED CEILING PLAN. CONFIRM ANY DISCREPANCIES WITH
- CASEWORK. WHERE OUTLETS EXIST BELOW THE COUNTERTOP,
- CABINETS FOR CLEANABILITY.

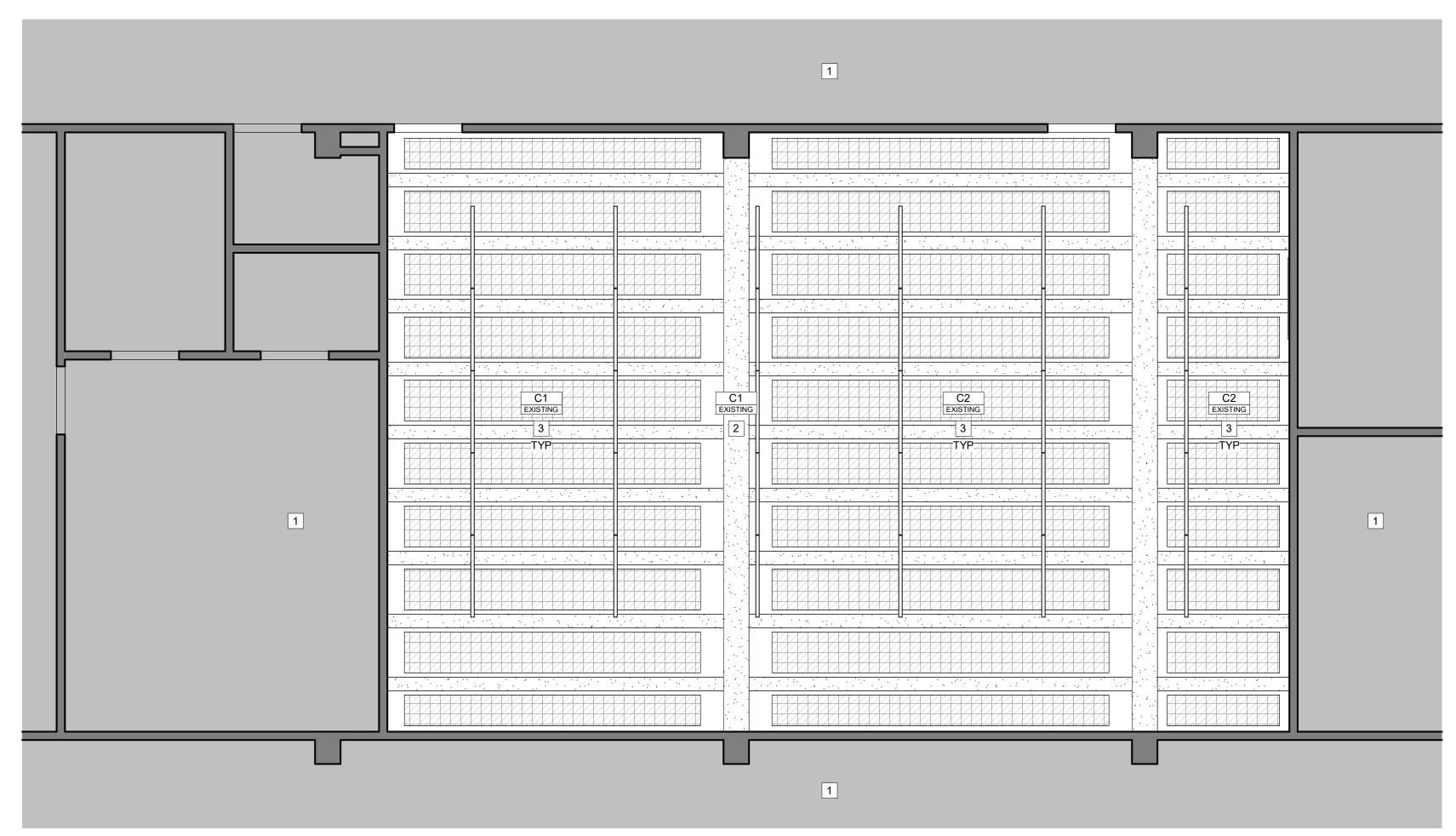
100% CONSTRUCTION DOCUMENTS





CLIENT PROJ. #: C.40.12505 PROJECT #: 24-045 ISSUE DATE: 10.03.2024 DRW: ZAA | CHK: JSS

ARCHITECTURAL PLAN + INTERIOR **ELEVATIONS**



1 LILY TEACHING LAB 1-129_REFLECTED CEILING PLAN

1/4" = 1'-0"

GENERAL NOTES: R. CEILING

- A. REFER TO G001 FOR MATERIALS AND SYMBOLS LEGENDS.B. REFER TO CEILING PLAN FOR ALL CEILING HEIGHTS.
- C. ALL EXPOSED FRAMING, STRUCTURE, DUCTWORK, PIPING, CONDUITS ETC.
 SHALL BE PAINTED TO MATCH CEILING OR EXPOSED STRUCTURE.
- D. REFER TO ELECTRICAL DRAWINGS FOR CEILING MOUNTED LIGHT FIXTURE
 TYPES AND QUANTITIES.
- TYPES AND QUANTITIES.

 E. REFER TO MECHANICAL DRAWINGS FOR CEILING MOUNTED DIFFUSERS,
 GRILL TYPES, AND QUANTITIES
- GRILL TYPES, AND QUANTITIES

 F. LIGHT FIXTURES AND MECHANICAL DIFFUSERS AND GRILLS ARE SHOWN
 FOR LOCATION ONLY. REFER TO MEP DRAWINGS FOR ADDITIONAL
 INFORMATION.
- G. CONTRACTOR TO COORDINATE REFLECTED CEILING PLANS WITH MECHANICAL, PLUMBING, ELECTRICAL, AND LIFE SAFETY PLANS. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES. CONTRACTOR SHALL PROVIDE COORDINATION DRAWINGS FOR REVIEW PRIOR TO CEILING INSTALLATION.





LILY HALL TEACHING LAB 1-129 RENOVATION

ARCHITECT

DELV Design 212 W 10th St, STE F125 Indianapolis, IN 46202 (317) 296-7400

MEP

IMEG 8900 Keystone Crossing #210 Indianapolis, IN 46240 (317) 848-5045

CEILING PLAN KEYNOTES 1

- HATCH INDICATES AREA NOT IN SCOPE.
 PAINT CEILING AND WALL ABOVE 8'-0" A.F.F. IN A WHITE DRYFALL PAINT
- 3 REMOVE DAMAGED OR STAINED ACOUSTIC TILES ADHERED TO CONCRETE DECK ABOVE; REMOVE IN FULL ROWS BETWEEN CONCRETE JOISTS; PREPARE ALL TO RECEIVE NEW PAINT.

CEILING TYPE LEGEND

- C1 OPEN TO STRUCTURE; ABOVE 8'-0" A.F.F. PAINT WALLS, EXPOSED STRUCTURE, DUCTWORK, PIPING, ETC. WITH WHITE DRYFALL PAINT.
- C2 EXISTING ACOUSTIC CEILING PANELS TO REMAIN IN PLACE; PAINT TO MATCH CEILING; REFER TO DEMOLITION PLAN FOR MORE INFORMATION.

100% CONSTRUCTION DOCUMENTS



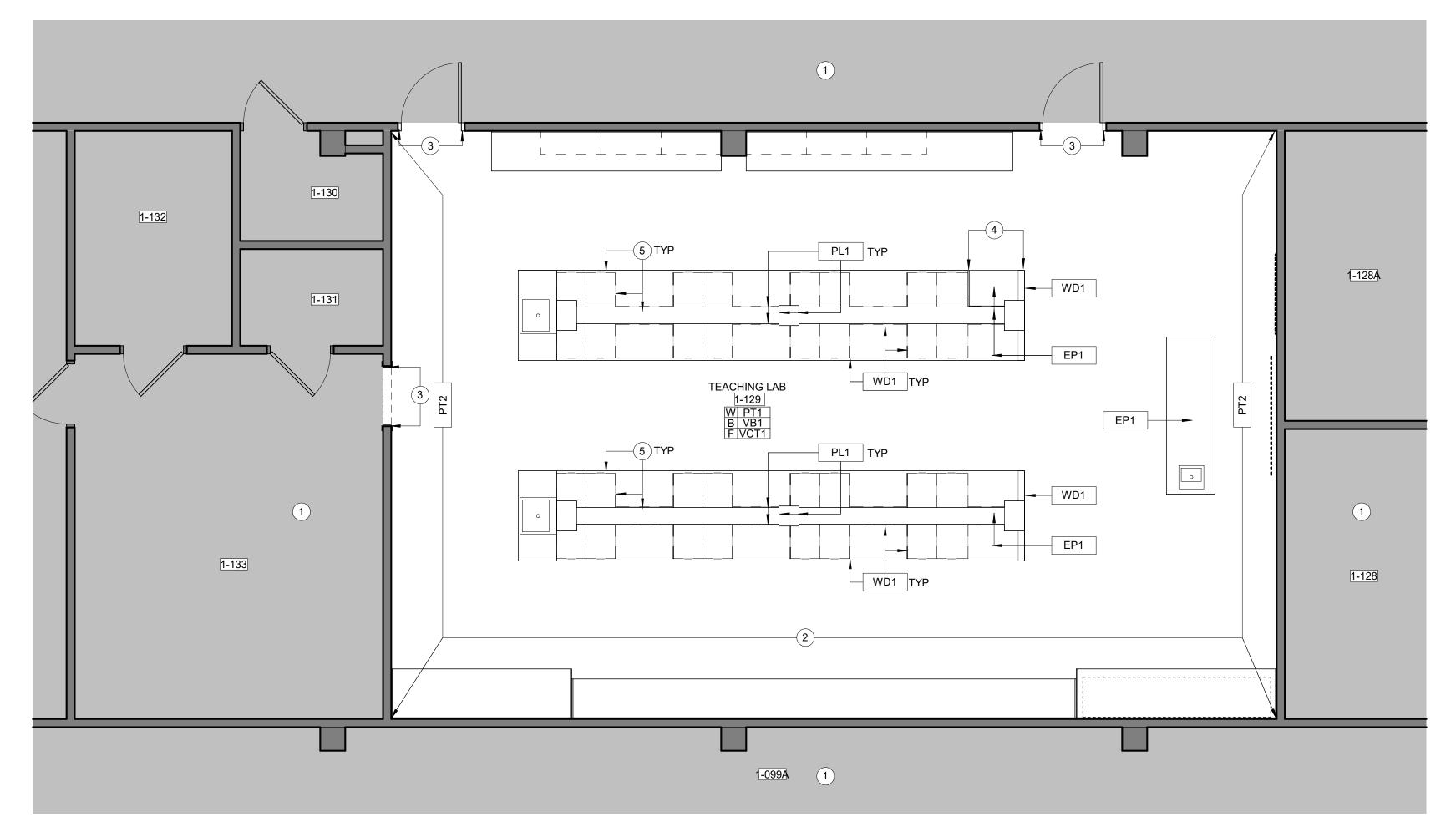
No.	Description	Date

CLIENT PROJ. #: C.40.12505 PROJECT #: 24-045 ISSUE DATE: 10.03.2024 DRW: ZAA | CHK: JSS

REFLECTED CEILING PLAN

4131

NTERIOR FINISH SCHEDULE								
MARK	DESCRIPTION	MANUF	MODEL NO / PATTERN	COLOR / FINISH	SIZE	COMMENTS		
1	EPOXY - COUNTERTOP	-	TO MATCH EXISTING	TO MATCH EXISTING	-	TO BE APPROVED BY DESIGNER		
1	PLASTIC LAMINATE	-	TO MATCH EXISTING	TO MATCH EXISTING	-	TO BE APPROVED BY DESIGNER; REFER TO INTERIOR FINISH PLAN FOR LOCATIONS		
1	WALL PAINT	SHERWIN WILLIAMS	PROMAR 200 ZERO VOC INTERIOR LATEX	MODERN WHITE SW6168 / EGGSHELL	-	TO BE APPROVED BY DESIGNER		
2	ACCENT PAINT	SHERWIN WILLIAMS	PROMAR 200 ZERO VOC INTERIOR LATEX	PEPPERCORN SW7674 / EGGSHELL	-	TO BE APPROVED BY DESIGNER		
31	VINYL BASE	JOHNSONITE	COVE BASE	CHARCOAL 20	4"H	TO BE APPROVED BY DESIGNER		
CT1	VINYL COMPOSITIOIN TILE	TARKETT	VCT II	STEEL WORKS 522	4" X 4"	TO BE APPROVED BY DESIGNER		
√D1	WOOD	-	TO MATCH EXISTING	TO MATCH EXISTING	-	TO BE APPROVED BY DESIGNER; REFER TO INTERIOR FINISH PLAN FOR LOCATIONS		



LILY TEACHING LAB 1-129_INTERIOR FINISH PLAN

1/4" = 1'-0"

GENERAL NOTES - INT. FINISH

A. REVIEWED SHOP DRAWINGS AND SCHEDULES PREPARED BY OTHERS SHALL NOT BE CONSTRUED TO BE PART OF THE CONTRACT DOCUMENTS, AS THE DESIGNER ASSUMES NO RESPONSIBILITY FOR DRAWINGS, SCHEDULES AND/OR SPECIFICATIONS FOR WORK ON THE PROJECT PREPARED OR ACCOMPLISHED

MATERIALS NOT SPECIFICALLY NOTED ON THE DRAWINGS, BUT REQUIRED FOR

- BY OTHERS.

 B. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL CONDITIONS AND DIMENSIONS PRIOR TO THE START OF WORK. REPORT ANY DISCREPANCIES TO THE DESIGNER IMMEDIATELY.

 C. ALL MATERIALS AND EQUIPMENT ARE TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ANY MISCELLANEOUS ITEMS OR
- PROPER MATERIAL INSTALLATION SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR RESPONSIBLE FOR THAT SPECIFIC AREA OF WORK.

 D. ALL SPECIFICATIONS ARE TO BE UPHELD. CONTRACTORS REQUESTING SUBSTITUTIONS OF SPECIFIED ITEMS/MATERIALS SHALL SUBMIT, IN WRITING TO THE DESIGNER, A REQUEST FOR REVIEW AND CONSIDERATION OF ALTERNATES, WITH NO GUARANTEES FOR REVIEW OR APPROVAL. SUBSTITUTIONS WILL ONLY BE CONSIDERED IF SUBMITTED BEFORE THE ACTUAL PROJECT SUBMITTAL PROCESS; NO SUBSTITUTIONS WILL BE CONSIDERED AFTER THE SUBMITTAL PROCESS HAS COMMENCED. SUBSTITUTIONS SHALL NOT SACRIFICE QUALITY,
- APPEARANCE AND/OR FUNCTION.

 E. FLOORS WITH PORCELAIN OR CERAMIC TILES LESS THAN 15" ON ALL SIDES SHALL HAVE A FLOOR FLATNESS OF 1/4" IN 10' AND NO MORE THAN 1/16" IN 12". TILES WITH ALL SIDES LARGER THAN 15" SHALL HAVE A FLOOR FLATNESS OF 1/8"
- TILES WITH ALL SIDES LARGER THAN 15" SHALL HAVE A FLOOR FLATNESS OF 1/8" IN 10' AND 1/16" IN 24".

 F. PATCH AND REPAIR ANY FLOOR HOLES, CRACKS, IMPERFECTIONS, ETC. TO ORIGINAL STATE. LEVEL SLAB AS REQUIRED TO ACCEPT NEW FLOORING
- MATERIAL.
 G. PATCH, REPAIR AND RESTORE EXISTING FINISHES AND SURFACES TO "AS NEW CONDITION" AS REQUIRED TO MATCH SURROUNDING MATERIALS OR TO PROVIDE APPROPRIATE SUBSTRATE PRIOR TO INSTALLING NEW FINISHES.
 AREAS NOTED TO BE PATCHED OR REPAIRED ON THE DRAWINGS ARE GIVEN FOR REFERENCE AND SHALL NOT BE INTERPRETED TO BE THE LIMIT THE SCOPE OF WORK REQUIRED.
- H. HONOR ALL BUILDING EXPANSION/CONTROL JOINTS. USE A FULL FLOOR COVERAGE MEMBRANE FOR PORCELAIN TILE FLOORING APPLICATIONS.
 I. PROVIDE STAINLESS STEEL SCHLUTER STRIPS BETWEEN PORCELAIN TILE GRAPHICS/TRANSITIONS AND/OR TILE DIRECTIONAL CHANGES, CONSULT DESIGNER IF IN QUESTION.
 J. PROVIDE SCHLUTER SCHIENE TRANSITION STRIPS WHERE CARPET TILE MEETS
- SHEET VINYL FLOORING OR MATERIALS OF UNEQUAL THICKNESS, TRANSITION STRIPS AT DOORS TO BE LOCATED UNDER THE CENTER LINE OF THE DOOR, WHILE IN THE CLOSED PORTION. TRANSITION STRIP FINISH TO BE CHOSEN FROM
- MANUFACTURER'S FULL COLOR RANGE.

 K. HOLLOW METAL DOOR FRAMES ARE TO BE PAINTED (Px) IN A SEMI-GLOSS FINISH. DOORS TO BE (DRX).
- L. PAINT ALL GRILLES, FIRE EXTINGUISHER CABINETS, ETC., TO MATCH THE SURFACE ON WHICH THEY OCCUR; PAINT IN A SEMI-GLOSS FINISH.
 M. ALL BULKHEADS/DRYWALL CEILINGS TO BE PAINTED CEILING WHITE OR (Px), IN A FLAT FINISH FOR ALL SURFACES; UNO.
- N. PROVIDE FRP PANELS AND/OR ACRYLIC PANELS 2' PAST THE EDGE OF ALL MOP SINKS AND TO A HEIGHT OF 4'. CAULK ALL EDGES.
 O. ALL CHANGES IN FLOOR FINISHES SHALL OCCUR BELOW THE DOOR IN CLOSED POSITION, UNO.
- P. ALL FINISHES AND SPECIFICATIONS ARE TO BE SUBMITTED TO DELV DESIGN FOR FINAL APPROVAL PRIOR TO ORDERING FINISH MATERIALS. SUBMIT THE REQUIRED NUMBER OF SUBMITTALS (INCLUDING PHYSICAL SAMPLES), FOR DESIGNER REVIEW AND APPROVAL, PLUS ONE EXTRA COPY FOR DESIGNER'S RECORDS, PRIOR TO MATERIAL ORDER PLACEMENT AND INSTALLATION. PROVIDE SUBMITTALS FOR THE FOLLOWING CONSTRUCTION COMPONENTS:

 a. ALL FINISH MATERIALS (WITH PLANS INDICATING FLOORING MATERIAL LOCATIONS, PATTERNS AND WALL MATERIAL LOCATIONS, ETC.)

 b. CASEWORK/CUSTOM FABRICATION

 c. CEILING MATERIALS
- Q. PROVIDE OWNER WITH (1) FULL BOX OF EACH PRODUCT/FINISH MATERIAL SPECIFIED ON THE PROJECT OR 2% OF MATERIAL OVERAGE FOR EACH PRODUCT SPECIFIED; WHICHEVER APPLIES.

DESIGN



LILY HALL TEACHING LAB 1-129 RENOVATION

ARCHITECT

DELV Design 212 W 10th St, STE F125 Indianapolis, IN 46202 (317) 296-7400

IEP

8900 Keystone Crossing #210 Indianapolis, IN 46240 (317) 848-5045

FINISH LEGEND

	ROOM NAME XXX WWALL B BASE F FLR	ROOM NAME AND ROOM FINISHES
		FLOORING DIRECTION
		ACCENT WALL FINISH DESIGNATION
	XX XX	FLOORING MATERIAL TRANSITION
	CG	CORNER GUARD LOCATIONS (STAINLESS STEEL)
	→ PL1(V) → PL2(H)	CASEWORK VERTICAL SURFACE CASEWORK HORIZONTAL SURFACE

FINISH PLAN KEYNOTES 1

- 1 NOT IN PROJECT SCOPE.
- 2 WALL TO HAVE LEVEL 4 FINISH FOR OFCI VINYL WALLCOVERING; WALLCOVERING TO BE INSTALLED TO 8'-0" A.F.F.
- PAINT DOOR FRAME TO MATCH EXISTING FINISHES THROUGHOUT.
 NEW 34"W x 25"D x 34"H ADA EPOXY HEIGHT EPOXY COUNTERTOP AND
- 4 NEW 34"W x 25"D x 34"H ADA EPOXY HEIGHT EPOXY COUNTERTOP AND BACKSPLASH; FINISH TO MATCH EXISTING ADJACENT.
 5 ALL EXPOSED SIDES OF BASE CABINETS TO RECIEVE NEW VINYL BASE.

100% CONSTRUCTION DOCUMENTS

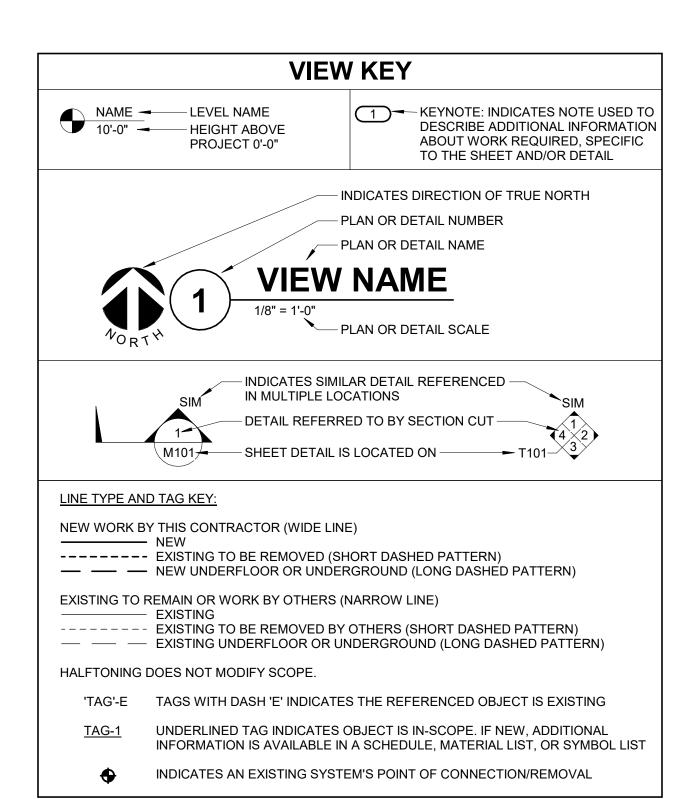


No.	Description	Date	

CLIENT PROJ. #: C.40.12505 PROJECT #: 24-045 ISSUE DATE: 10.03.2024 DRW: ZAJ | CHK: JSS

INTERIOR FINISH PLAN

4711



APP	LICABLE CODES							
CONTRACTOR SHALL COMPLY WITH APPLICABLE CODES AND LOCAL AMENDMENTS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:								
BUILDING CODE:	INDIANA BUILDING CODE 2014 EDITION	WITH AMENDMENTS						
FIRE CODE:	INDIANA FIRE CODE 2014 EDITION	WITH AMENDMENTS						
PLUMBING CODE:	INDIANA PLUMBING CODE 2014 EDITION	WITH AMENDMENTS						
MECHANICAL CODE:	INDIANA MECHANICAL CODE 2014 EDITION	WITH AMENDMENTS						
ELECTRICAL CODE:	INDIANA ELECTRICAL CODE 2009 EDITION (NFPA 70-2008)	WITH AMENDMENTS						
ENERGY CONSERVATION CODE:	INDIANA ENERGY CONSERVATION CODE 2010	WITH AMENDMENTS						
LOCAL BUILDING CODE:	CURRENT EDITION							

	CONTRACTOR ABBREVIATION KEY				
ABBR:	DESCRIPTION:				
A.C.	ASBESTOS ABATEMENT CONTRACTOR				
A.V.C.	AUDIO/VISUAL CONTRACTOR				
C.C.	CIVIL CONTRACTOR				
C.M.	CONSTRUCTION MANAGER				
E.C.	ELECTRICAL CONTRACTOR				
F.P.C.	FIRE PROTECTION CONTRACTOR				
F.S.C.	FOOD SERVICE CONTRACTOR				
G.C.	GENERAL CONTRACTOR				
H.C.	HEATING CONTRACTOR				
M.C.	MECHANICAL CONTRACTOR				
N.C.C.	NURSE CALL CONTRACTOR				
P.C.	PLUMBING CONTRACTOR				
S.C.	SECURITY CONTRACTOR				
T.C.	TECHNOLOGY CONTRACTOR				
T.C.C.	TEMPERATURE CONTROLS CONTRACTOR				
V.C.	VENTILATION CONTRACTOR				

ABBR:	DESCRIPTION:
ABV	ABOVE
AFC	ABOVE FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ASR	ARCHITECTURAL SURFACE RACEWAY
ВС	BELOW COUNTER
С	CONDUIT (BRANCH CIRCUIT OR FEEDER CONTEXT)
СО	CONDUIT AND BOX ROUGH-IN ONLY (ROUGH-IN ONLY)
EG	EQUIPMENT GROUND
EGC	EQUIPMENT GROUNDING CONDUCTOR
NC	NORMALLY CLOSED
NEMA#	NEMA RATING
NIC	NOT IN CONTRACTED SCOPE
NO	NORMALLY OPEN
ROOF	EQUIPMENT LOCATED ON ROOF ABOVE
SM	SURFACE MOUNTED
TYP	TYPICAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED

	ELEC	TRICAL	SYMBOL LIST
SYMBOL:	TAG:	SPEC SECTION:	DESCRIPTION:
	<u>ECONN</u>	26 05 33	ELECTRICAL CONNECTION
	<u>JB</u>	26 05 33	JUNCTION BOX
	<u>FB-#</u> or <u>PT-#</u>	26 27 26	FLOOR BOX or POKE THROUGH
RI W	RI-TECH	26 05 33	TECHNOLOGY OUTLET ROUGH-IN
⊘ RI	RI-TECH-C	26 05 33	TECHNOLOGY ROUGH-IN, CEILING
W/RI	RI-TECH-W	26 05 33	TECHNOLOGY ROUGH-IN, WALL PHONE
TV	<u>RI-TV</u>	26 05 33	TV ANTENNA OUTLET ROUGH-IN
	<u>WM-#</u>	26 05 35	MULTI OUTLET SYSTEM
•	<u>WW-#</u>	26 05 35	ELECTRICAL WIREWAY w/ DEVICES SHOWN
<u>"</u>	PANEL '###'	26 24 16	PANELBOARD - RECESS MOUNT
	PANEL '###'	26 24 16	PANELBOARD - SURFACE MOUNT
	MX-#/MS-# /CB-#/CS-# /MD-#/FS-# /AS-#/SS-#/ MCS-#/ AMS-#	26 24 19 26 28 16	SURFACE OR RECESS MOUNTED MANUAL SWITCH / STARTER / COMBINATION STARTER/ CIRCUIT BREAKER. MANUAL DISCONNECT / FUSED SWITCH (PLUG FUSE) / AUTOMATIC STARTER / SOLID STATE - SOFT STARTER / COMBINATION STARTER / MOTOR CIRCUIT PROTECTOR / ASSEMBLED MOTOR STARTER. REFER TO DISC/STA SCHEDULE.
	FCS-#	26 28 16	FUSED COMBINATION STARTER REFER TO DISC/STA STARTER
\$ ##	SW-1P SW-3W SW-4W SW-D SW-D3 SW-D0	26 09 33	SWITCH SUBSCRIPTS: BLANK = SINGLE POLE 3 = THREE WAY 4 = FOUR WAY D = DIMMER - STAND ALONE D3=DIMMER - THREE WAY WITH S3 TYPE DO=DIMMER - OCCUPANCY/VACANCY SENSORS - DUAL TECHNOLOGY ULTRASONIC/ACOUSTIC AND PIR O = DUAL TECHNOLOGY OCCUPANCY SENSOR WITH WALL SWITCH
♡ ##	<u>SW-VC-D</u>	26 09 33	VACANCY SENSOR - CEILING MOUNTED SUBSCRIPTS: BLANK = DUAL TECHNOLOGY
F\ #	<u>FA-211</u>		COMBINATION AUDIO HORN/CHIME AND VISUAL ALARM DEVICE, WALL MOUNTED # = CANDELA RATING

LU	IMINAIRE CIRCUIT AND CONTROL KEY
LUMINAIRE	F1 = FIXTURE TAG 1 = CIRCUIT NUMBER a = SWITCH DESIGNATION z1=ZONE DESIGNATION "NL" INDICATES LUMINAIRE IS UNSWITCHED FOR NIGHT LIGHT. "SE" INDICATES LUMINAIRE IS SWITCHED/CONTROLLED DURING NORMAL OPERATION AND OPERATES FROM EMERGENCY BATTERY (EXTEND UNSWITCHED CIRCUIT LEG TO BATTERY) UPON LOSS OF POWER. *IF LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION. EX: F1 / 1 / a / NL

	RECEPTACLE SUBSCRIPT KEY:
DEVICE KE	<u>Y:</u>
DEVICE₽	# = MOUNTING (IF APPLICABLE) 1 = CIRCUIT NUMBER
	*IF LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION. EX: A / 1 $$
ELECTRICA	L MOUNTING SUBSCRIPT KEY:
A	MOUNT AT +6" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH
	MOUNT AT CEILING (DEVICE OR ROUGH-IN CONTEXT)
1	MOUNT ORIENTED HORIZONTALLY
_	MOUNT IN CASEWORK
1	MOUNT IN MODULAR FURNITURE
	WIRING DEVICE, OCCUPANCY CONTROLLED
	MOUNT IN SURFACE RACEWAY
_	SURFACE MOUNTED
	WEATHERPROOF WIRING DEVICE, NEMA 3R WHILE-IN-USE COVER, WR LISTED
1	WIRE GUARD
WP	WEATHERPROOF

ELECTRICAL SHEET INDEX				
E000	ELECTRICAL COVERSHEET			
E101	FIRST FLOOR MEP DEMOLITION PLAN			
E211	FIRST FLOOR LIGHTING PLAN			
E221	FIRST FLOOR POWER & SYSTEMS PLAN			
E222	FIRST FLOOR TECHNOLOGY PLAN			
E400	ELECTRICAL DETAILS			
E600	ELECTRICAL SCHEDULES			
GRAND TOTAL: 7				

ELECTRICAL SYMBOL LIST						
SYMBOL:	TAG:	SPEC SECTION:	DESCRIPTION:			
⇒o	REC-DUP-O	26 27 26	DUPLEX RECEPTACLE CONTROLLED BY OCCUPANCY			
- ⊕⊙	REC-QUAD-O	26 27 26	QUAD RECEPTACLE CONTROLLED BY OCCUPANCY			
⇒	REC-DUP	26 27 26	DUPLEX RECEPTACLE, 125V			
₩	REC-DUP-GFI	26 27 26	DUPLEX GFI RECEPTACLE, 125V			
G	REC-DUP-GFI-R	26 27 26	GROUND FAULT DEVICE			
₩	REC-DUP-WP	26 27 26	DUPLEX GFI WEATHERPROOF RECEPTACLE 125			
⇒ _X	REC-DUP-XP	26 27 26	DUPLEX RECEPTACLE, EXPLOSION PROOF, 125			
₩	REC-ISO	26 27 26	ISOLATED GROUND RECEPTACLE, 125V			
⇒ _S	REC-ISO-SUR	26 27 26	ISOLATED GROUND RECEPTACLE WITH SURGE SUPPRESSION, 125V			
⇒ s	<u>REC-ISO-</u> <u>SUR-QUAD</u>	26 27 26	ISOLATED GROUND QUAD RECEPTACLE WITH SURGE SUPPRESSION, 125V			
⇒∪	REC-USB	26 27 26	DUPLEX RECEPTACLE, USB CHARGING			
⇒	REC-ARC	26 27 26	ARC FAULT CIRCUIT INTERRUPTER RECEPT 125			
₩	REC-AFGF	26 27 26	REC AFCI, GFCI, TAMPER RESISTANT			
- O	REC-SIM-520R	26 27 26	SIMPLEX RECEPTACLE, 125V			
-	REC-SIM-530R	26 27 26	RECEPTACLE, 125V			
≢	REC-SIM-550R	26 27 26	RECEPTACLE 125V, 50A, 125V			
-	REC-SIM-620R	26 27 26	RECEPTACLE, 6-20R, 250V			
	REC-SIM-630R	26 27 26	RECEPTACLE, 6-30R, 250V			
■	REC-SIM-650R	26 27 26	RECEPTACLE, 6-50R, 250V			
-	REC-SIM-720R	26 27 26	RECEPTACLE, 7-20R, 277V			
-	REC-SIM-730R	26 27 26	RECEPTACLE, 7-30R, 277V			
*	REC-SIM-750R	26 27 26	RECEPTACLE, 7-50R, 277V			
→	REC-SIM-1420R	26 27 26	RECEPTACLE, 14-20R, 125/250V			
→	REC-SIM-1430R	26 27 26	RECEPTACLE, 14-30R, 125/250V			
⇒	REC-SIM-1450R	26 27 26	RECEPTACLE, 14-50R, 125/250V			
≠	REC-SIM-1460R	26 27 26	RECEPTACLE, 14-60R, 125/250V			
-€	REC-SIM-1520R	26 27 26	RECEPTACLE, 15-20R, 250V, 3PH			
≖	REC-SIM-1530R	26 27 26	RECEPTACLE, 15-30R, 250V, 3PH			
=	REC-SIM-1550R	26 27 26	RECEPTACLE, 15-50R, 250V, 3PH			
- €I	REC-SIM-1560R	26 27 26	RECEPTACLE, 15-60R, 250V, 3PH			
- О х	REC-SIM-XP	26 27 26	RECEPTACLE, EXPLOSION PROOF, 125V			
→ >	REC-TAMP	26 27 26	DUPLEX RECEPTACLE, TAMPER RESISTANT, 12:			
≠⊜ >	REC-TAMP-GFI	26 27 26	GFI DUPLEX RECEPTACLE, TAMPER RESISTANT, 125V			
= ∰>	REC-TAMP-QUAD	26 27 26	QUAD RECEPTACLE, TAMPER RESISTANT, 125V			
=₩	REC-QUAD	26 27 26	QUAD RECEPTACLE, 125V			
* ₩	REC-QUAD-GFI	26 27 26	QUAD GFI RECEPTACLE, 125V			
= ₩ _U	REC-QUAD-USB	26 27 26	QUAD RECEPTACLE, USB 125V			
₩ _W	REC-QUAD-WP	26 27 26	QUAD GFI WEATHERPROOF RECEPTACLE, 125V			
	REC-DUP-PED	26 27 26	RECEPTACLE - PEDESTAL STYLE			
	REC-PED-QUAD	26 27 26	RECEPTACLE - PEDESTAL STYLE			
# [©]	REC-Z#	26 27 26	IEC PIN AND SLEEVE RECEPTACLE, 600V			
 F	PP#	26 27 23	POWER POLE			

SYMBOL:	EQUIPMENT LIST ABBREV.:	- Strain- DESCRIPTION.				
C# ▼	SC-IO-W	INFORMATION OUTLET (WALL)				
∇	N/A	INFORMATION OUTLET (WALL) EXISTING				
WAP	SC-WAP-W	WIRELESS ACCESS WITH POINT ENCLOSURE (WALL)				
WAP	N/A	WIRELESS ACCESS POINT WITH ENCLOSURE (WALL) EXISTING				
S	AV-SP1-C	AV PERFORMANCE SPEAKER (CEILING)				
		GENERAL NOTES:	_			

. ALL SYMBOLS LISTED ABOVE ARE FOR REFERENCE ONLY. REFER TO PLANS AND LINE TYPE

KEY FOR NEW, EXISTING TO REMAIN AND TO BE REMOVED ITEMS FOR ADDITIONAL

INFORMATION.

ELECTRICAL RENOVATION NOTES:

THESE NOTES APPLY TO ALL ELECTRICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, LIGHTING, POWER, FIRE ALARM, AND OTHER LOW VOLTAGE SYSTEMS.
EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS AND REPORT CONFLICTS.
NOT ALL EXISTING EQUIPMENT, LUMINAIRES, AND CONDUIT ARE SHOWN. CONTRACTOR

SHALL REVIEW EXISTING CONDITIONS AND REPORT CONFLICTS.

3. CONTRACTOR SHALL REVIEW EXISTING CONDITIONS PRIOR TO FABRICATION OF CABLE TRAY, BUSWAY, CONDUIT RACKS, AND OTHER SYSTEMS. RISES AND DROPS MAY BE

NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS.

4. ELECTRICAL CONTRACTOR SHALL REVIEW EXISTING CONDITIONS TO VERIFY ACCESSIBILITY TO THE AREAS OF THEIR WORK INCLUDING WALLS, FLOOR, CEILINGS, CEILING TILES/GRID, AND ROOF. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE CUTTING, REMOVAL, PATCHING, AND REINSTALLATION OF AFFECTED AREAS ASSOCIATED WITH THEIR WORK BY COORDINATING WITH THE GENERAL CONTRACTOR OR QUALIFIED CONTRACTOR.

5. WHERE EXISTING ELECTRICAL SYSTEMS ARE LOCATED IN AREAS THAT CONFLICT WITH NEW EQUIPMENT, PIPING, OR DUCTWORK TO BE INSTALLED, EACH CONTRACTOR SHALL EITHER ARRANGE NEW EQUIPMENT, CONDUIT, OR DUCTWORK IN SUCH A FASHION THAT IT DOES NOT CONFLICT WITH EXISTING SYSTEMS, OR REWORK EXISTING ELECTRICAL SYSTEMS TO ALLOW FOR INSTALLATION OF NEW EQUIPMENT, PIPING, OR DUCTWORK.

ELECTRICAL INSTALLATION NOTES:

 THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO THE ADA GUIDELINES FOR ALL CONFIGURATION DETAILS ON THIS PAGE FOR ADDITIONAL INFORMATION.
 CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE

WITH NUMBERING ON THE PANEL PROVIDED. COMMON NEUTRALS MAY NOT BE USED FOR BRANCH CIRCUITS. BALANCE THE LOAD ON PANEL AS EVENLY AS POSSIBLE BETWEEN EACH PHASE.

3. LIFE SAFETY, CRITICAL, EQUIPMENT BRANCH WIRING FOR FEEDERS AND BRANCH CIRCUITS SHALL BE ROUTED IN SEPARATE RACEWAY, JUNCTION BOXES, PULL BOXES, AND CABINETS.

WIRING FOR EACH BRANCH SHALL BE INDEPENDENT FROM OTHER BRANCHES, INCLUDING

THE NORMAL BRANCH.

4. FLUSH MOUNT ALL LIGHTING CONTROL DEVICES AT +42" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED.

DIMENSION), EXCEPT WHERE OTHERWISE NOTED.

5. FLUSH MOUNT ALL DUPLEX RECEPTACLES AND TECHNOLOGY OUTLETS AT +18" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. RECEPTACLES AND OUTLETS MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED. MOUNT EXTERIOR LOCATED RECEPTACLES WITH WHILE-IN-USE COVERS AT +20" FROM FINISHED

GRADE (CENTER DIMENSIONS) TO MAINTAIN INSTALLATION ADA COMPLIANCE.

6. ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS. REFER TO DIVISION 7 FOR ADDITIONAL INFORMATION AND REQUIREMENTS SPECIFIC TO FIRESTOPPING.

INSTALL ALL WALL MOUNTED FIRE ALARM NOTIFICATION DEVICES AT 90" ABOVE FINISHED FLOOR OR 6" BELOW THE CEILING, WHICHEVER IS LOWER, EXCEPT WHERE OTHERWISE NOTED. HEIGHT SHALL BE MEASURED TO THE TOP OF THE DEVICE.
 CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CEILING MOUNTED DEVICES AND EQUIPMENT WITH LUMINAIRES, SPRINKLER, AND CEILING DIFFUSERS. CENTER ALL DEVICES IN CEILING TILE PATTERN. SMOKE DETECTORS, CARBON MONOXIDE DETECTORS, AND OCCUPANCY/VACANCY SENSORS SHALL BE LOCATED NO CLOSER THAN 3 FEET TO AN AIR

SUPPLY DIFFUSER OR RETURN GRILLE. CARBON MONOXIDE DETECTORS SHALL BE LOCATED 10 PLUS FT FROM FIRE PLACES, COOKING, AND SIMILAR FUEL-BURNING APPLIANCES.

9. CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS, AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL ELECTRICAL INSTALLATION, THIS CONTRACTOR SHALL ADJUST RECEPTACLES, OUTLETS, OR CONNECTION LOCATIONS TO ACCOMMODATE

FURNITURE AND/OR EQUIPMENT.

10. ELECTRICAL AND TECHNOLOGY EQUIPMENT SHALL BE MOUNTED TO AVOID IMPEDANCE OF, OPERATION OF, AND/OR ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF ELECTRICAL AND TELECOMMUNICATIONS EQUIPMENT, ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR, SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS.
 EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO THE WALLS, FLOORS, CEILINGS, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE

IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND FINISH.

13. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY AUDIO/VISUAL, AND OTHER ELECTRICAL PLANS FOR EXACT LOCATIONS OF ALL CEILING

MOUNTED DEVICES, OTHER THAN SPRINKLERS.

14. ELECTRICAL IDENTIFICATION. REFER TO SPECIFICATION SECTION 26 05 53 FOR COLOR/LABEL REQUIREMENTS FOR CONDUIT, BOX, CABLE/WIRE, AND EQUIPMENT.





LILY HALL TEACHING LAB 1-129 RENOVATION

| ARCHITECT

DELV Design 212 W 10th St, STE F125 Indianapolis, IN 46202 (317) 296-7400

MEP

8900 Keystone Crossing #210 Indianapolis, IN 46240 (317) 848-5045

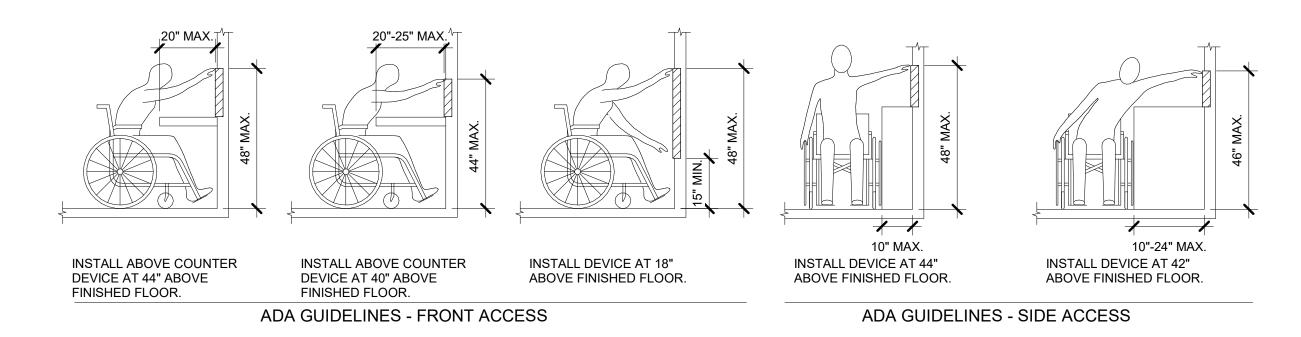
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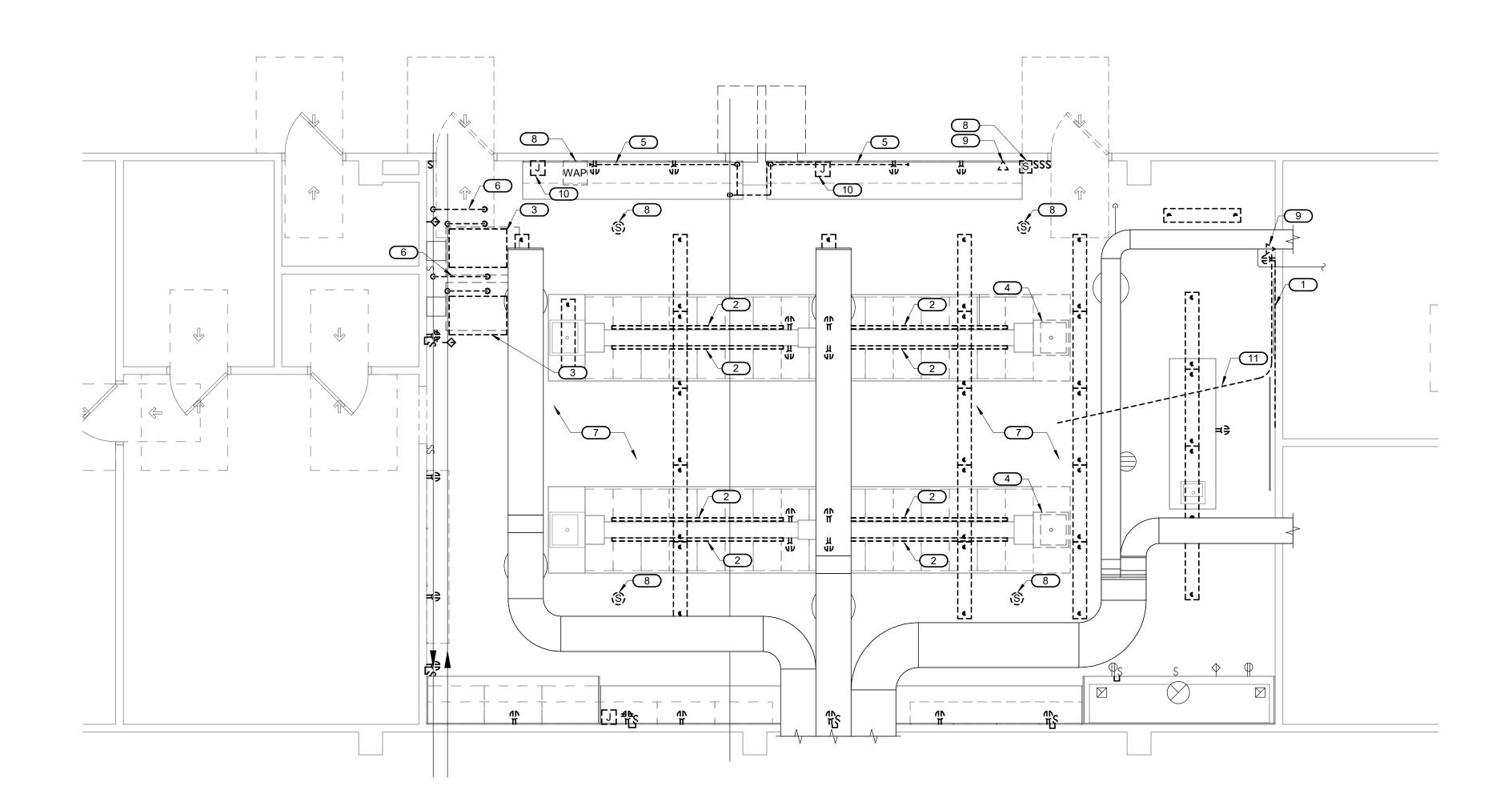


No.	Description	Date

PROJECT #: 24005124.00 ISSUE DATE: 10.03.2024 DRW: RT | CHK: CJE

ELECTRICAL COVERSHEET





FIRST FLOOR ELECTRICAL AND PLUMBING DEMOLITION PLAN

GENERAL SHEET NOTES:

A. REFER TO E000 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, INSTALLATION NOTES, AND RENOVATION NOTES.

KEYNOTES:

ELECTRICAL CONDUIT FOR WALL MOUNTED TV SHALL BE DEMOLISHED.
 REMOVE EXISTING BENCH TOP WIRE MOLD. RETAIN EXISTING BACKBOX AND WIRING FOR INSTALLATION OF NEW WIRE MOLD.
 CONTRACTOR SHALL REMOVE ABANDONED HOT WATER COIL.
 CONTRACTOR SHALL CUT AND CAP HW, CW, AND SAN LINES.
 CONTRACTOR SHALL REMOVE ABANDONED COMPRESSED AIR LINES.
 CONTRACTOR SHALL REMOVE HEATING

WATER SUPPLY AND HEATING WATER RETURN LINES.

7. RETAIN EXISTING BACKBOXES AND WIRING FOR EXISTING RECEPTACLES FOR INSTALLATION OF NEW DEVICES IN THE ROOM. FOR MORE INFORMATION SEE E221.

8. REMOVE AND RETAIN EXISTING DEVICE FOR REINSTALLATION IN EXISTING LOCATION. REFER TO E222 FOR ADDITIONAL

INFORMATION.

9. REMOVE AND RETAIN EXISTING DEVICE AND SURFACE RACEWAY FOR REINSTALLATION IN EXISTING LOCATION. REFER TO E222 FOR ADDITIONAL INFORMATION.

10. JUNCTION BOX AND ASSOCIATED CONDUIT SHALL BE DEMOLISHED.

11. A/V CONDUIT AND ASSOCIATED WIRING FOR CEILING MOUNTED DEVICE SHALL BE DEMOLISHED.

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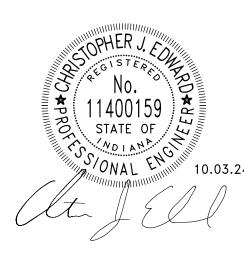
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DELV Design 212 W 10th St, STE F125 Indianapolis, IN 46202 (317) 296-7400

MEP

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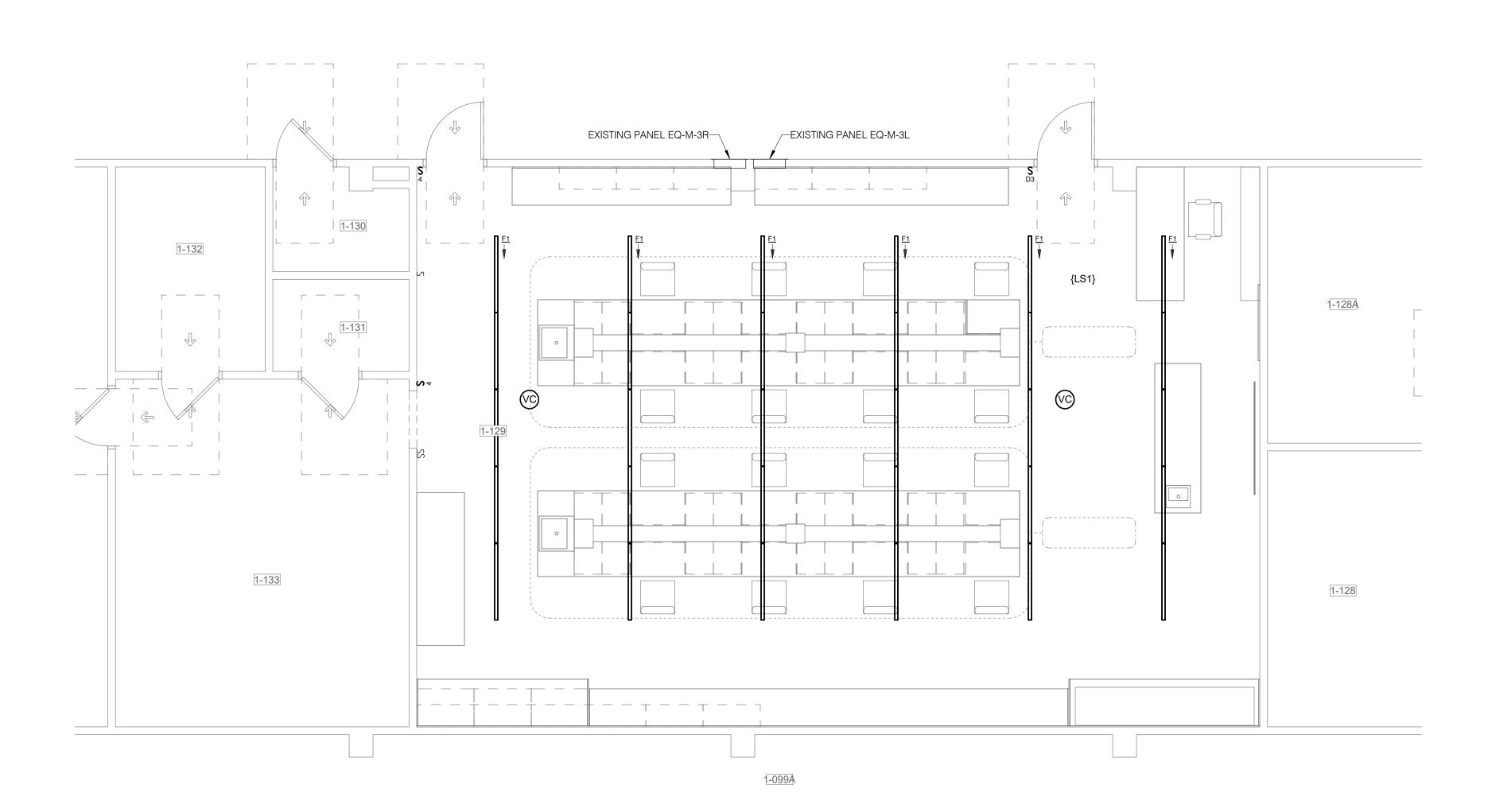
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No.	Description	Date				

PROJECT #: 24005124.00 ISSUE DATE: 10.03.2024 DRW: RT | CHK: CJE

FIRST FLOOR MEP DEMOLITION PLAN





GENERAL SHEET NOTES:

A. REFER TO E000 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, INSTALLATION NOTES, AND RENOVATION NOTES.
B. PROVIDE A NEW DEDICATED GROUNDING CONDUCTOR BETWEEN THE CIRCUIT HOMERUN AND THE PANELBOARD, FOR EVERY CIRCUIT IN THE ROOM.
C. EXTEND EXISTING AREA LIGHTING CIRCUIT TO

NEW FIXTURES WITH 2#10 & 1#10 GND IN 3/4" C. VIA NEW LIGHTING CONTROLS.

D. NEW LIGHT FIXTURES AND OCCUPANCY SENSORS SHALL BE INSTALLED 9' ABOVE FINISHED FLOOR.

E. PROVIDE 3/4" CONDUIT FOR LIGHTING CONTROL CABLING.





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ARCHITECT

DELV Design 212 W 10th St, STE F125 Indianapolis, IN 46202 (317) 296-7400

MEP

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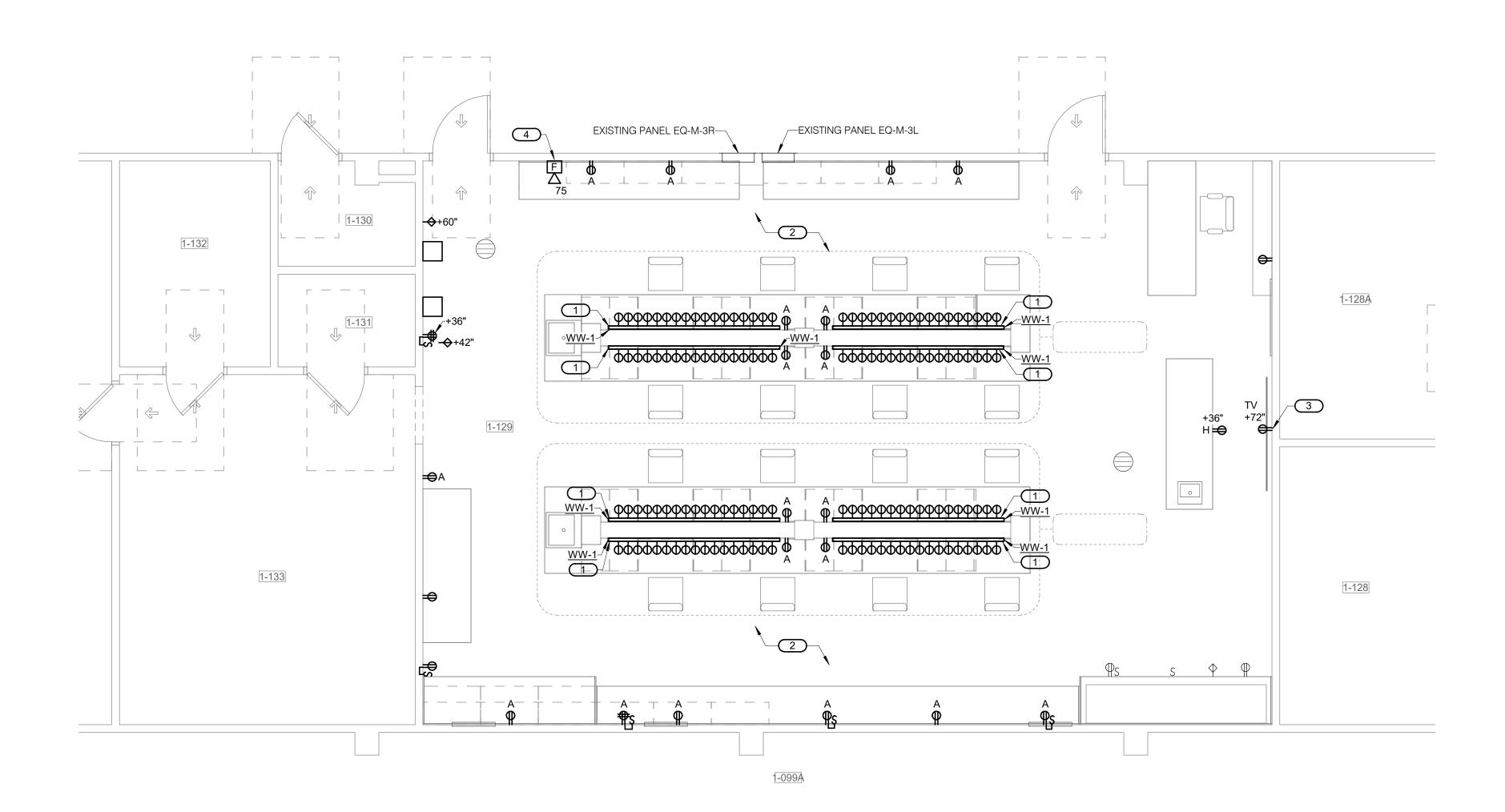
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No.	Description	Date

PROJECT #: 24005124.00 ISSUE DATE: 10.03.2024 DRW: RT | CHK: CJE

FIRST FLOOR LIGHTING PLAN



FIRST FLOOR POWER & SYSTEMS PLAN

1/4" = 1'-0"

GENERAL SHEET NOTES:

A. REFER TO E000 FOR ELECTRICAL SYMBOLS, ABBREVIATIONS, INSTALLATION NOTES, AND RENOVATION NOTES.
B. NEW DEVICES SHALL BE INSTALLED FLUSH IN WALL WITH CONDUIT CONCEALED. CUT, PATCH, AND REPAIR WALLS AS REQUIRED TO MATCH ADJACENT CONDITIONS.
C. PROVIDE A NEW DEDICATED GROUNDING CONDUCTOR BETWEEN THE CIRCUIT HOMERUN AND THE PANELBOARD, FOR EVERY CIRCUIT IN THE ROOM.

KEYNOTES:

INSTALL BENCH TOP WIRE MOLD IN EXISTING WIRE MOLD LOCATION. CONNECT TO EXISTING BACKBOX AND EXTEND ASSOCIATED WIRING AS REQUIRED. VERIFY EXISTENCE OF ELECTRIC GROUND CONDUCTOR. INSTALL RECEPTACLES AND SWITCHES IN EXISTING LOCATIONS. CONNECT TO EXISTING BACKBOXES AND EXTEND ASSOCIATED WIRING AS REQUIRED. VERIFY EXISTENCE OF ELECTRIC GROUND CONDUCTOR. . INSTALL A NEW RECEPTACLE FOR TV AND EXTEND ADJACENT RECEPTACLE CIRCUIT TO NEW RECEPTACLE WITH 2#10 & 1#10 GND IN . INSTALL A NEW AUDIO/VISUAL FIRE ALARM. NEW JOHNSON CONTROLS NOTIFICATION DEVICE SHALL BE TIED TO NEAREST FIRE ALARM CIRCUIT FED FROM EXISTING BUILDING SIMPLEX 4100 SYSTEM. DEVICE COLOR SHALL BE WHITE WITH RED LETTERS.

DFIV



DESIGN

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ARCHITECT

DELV Design 212 W 10th St, STE F125 Indianapolis, IN 46202 (317) 296-7400

MEP

IMEG 8900 Keystone Crossing #210 Indianapolis, IN 46240 (317) 848-5045

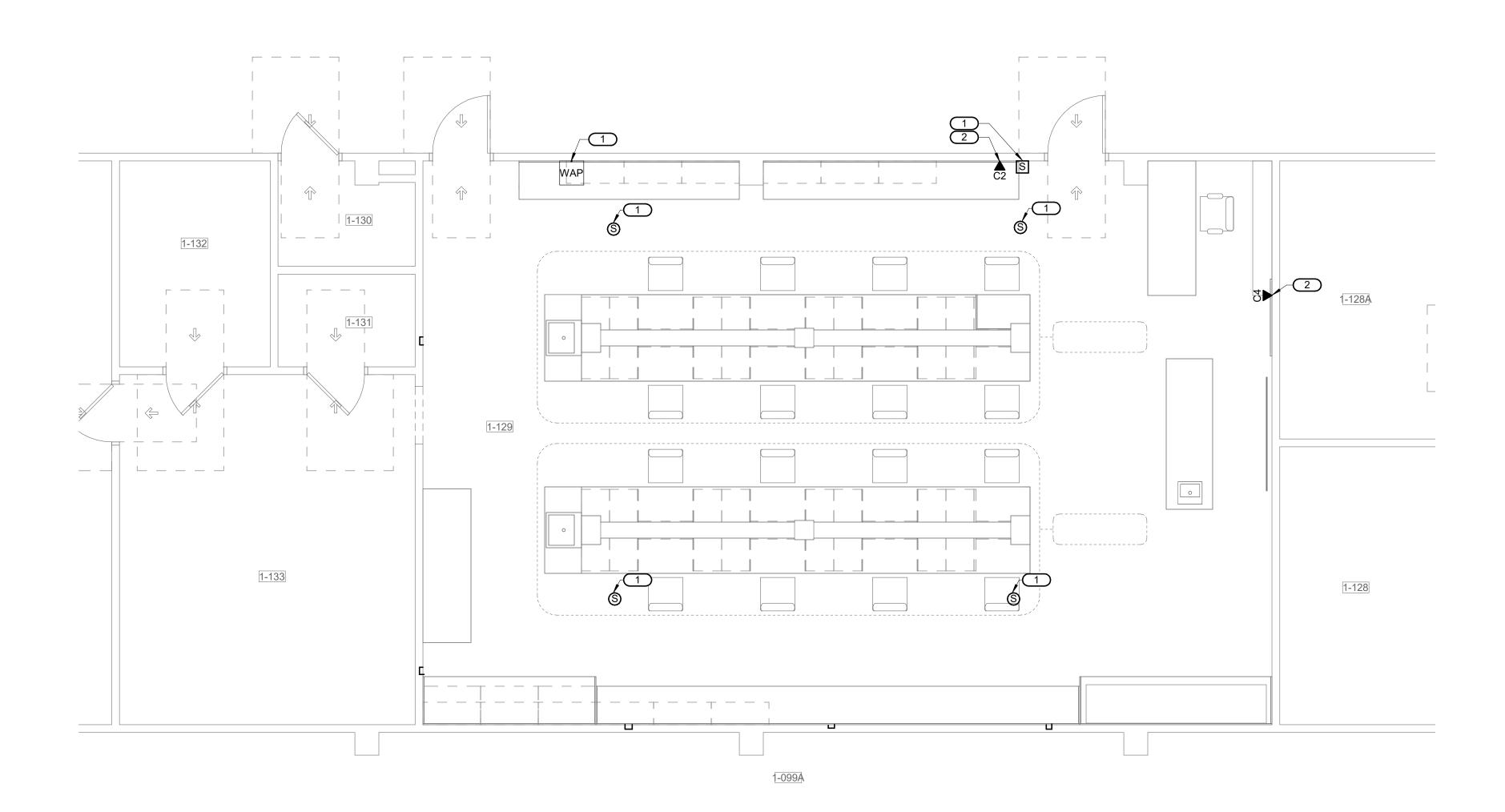
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No.	Description	Date

PROJECT #: 24005124.00 ISSUE DATE: 10.03.2024 DRW: RT | CHK: CJE

FIRST FLOOR POWER & SYSTEMS PLAN



FIRST FLOOR TECHNOLOGY PLAN 1/4" = 1'-0"

GENERAL SHEET NOTES:

- REFER TO E000 FOR ELECTRICAL SYMBOLS,
 ABBREVIATIONS, INSTALLATION NOTES, AND
 RENOVATION NOTES.
 NEW DEVICES SHALL BE INSTALLED FLUSH IN
- RENOVATION NOTES.

 B. NEW DEVICES SHALL BE INSTALLED FLUSH IN WALL WITH CONDUIT CONCEALED. CUT, PATCH, AND REPAIR WALLS AS REQUIRED TO MATCH ADJACENT CONDITIONS.

KEYNOTES:

1. REINSTALL RETAINED DEVICE IN EXISTING LOCATION.
2. REINSTALL RETAINED DEVICE AND SURFACE RACEWAY IN EXISTING LOCATION.
COORDINATE WITH PURDUE TECHNOLOGY FOR NEW FACEPLATE.





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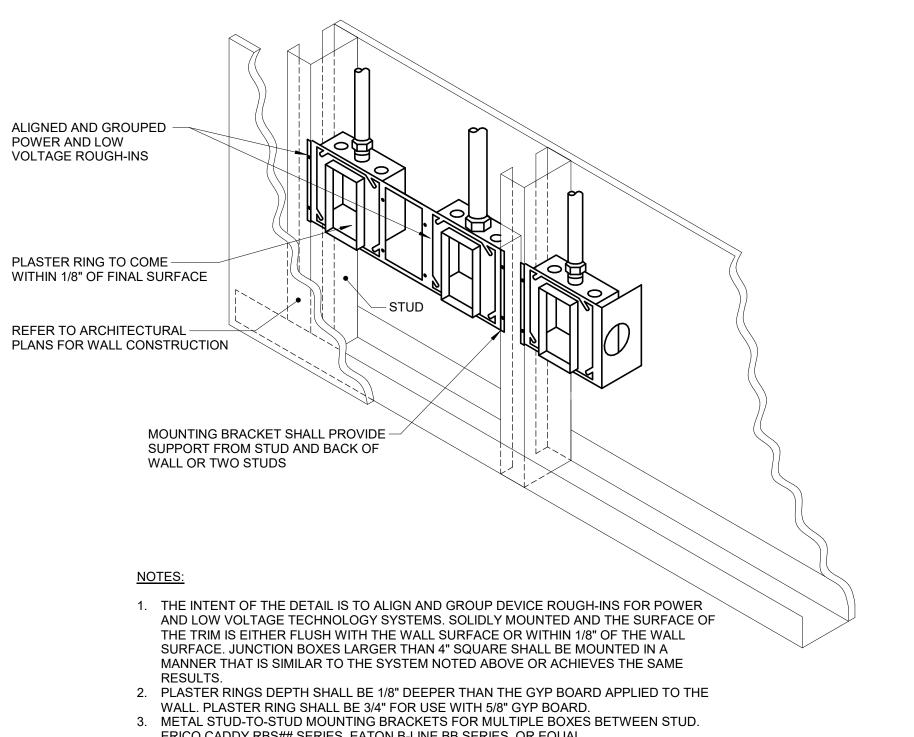
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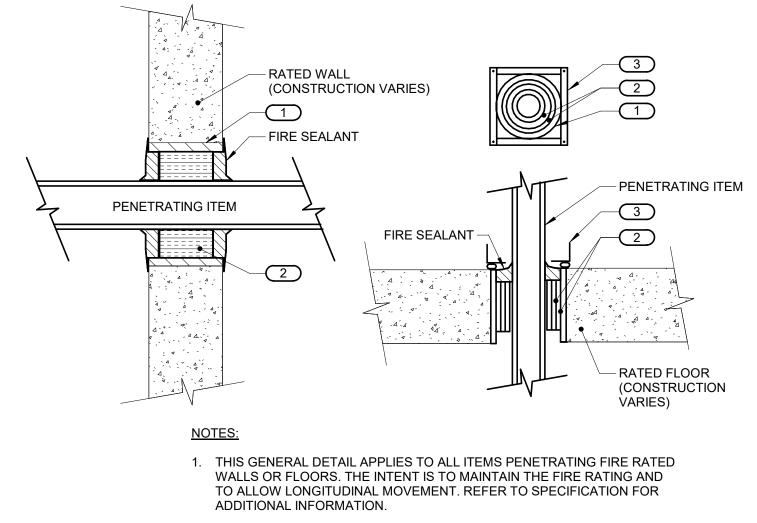


No.	Description	Date				

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FIRST FLOOR
TECHNOLOGY PLAN





KEYNOTES:

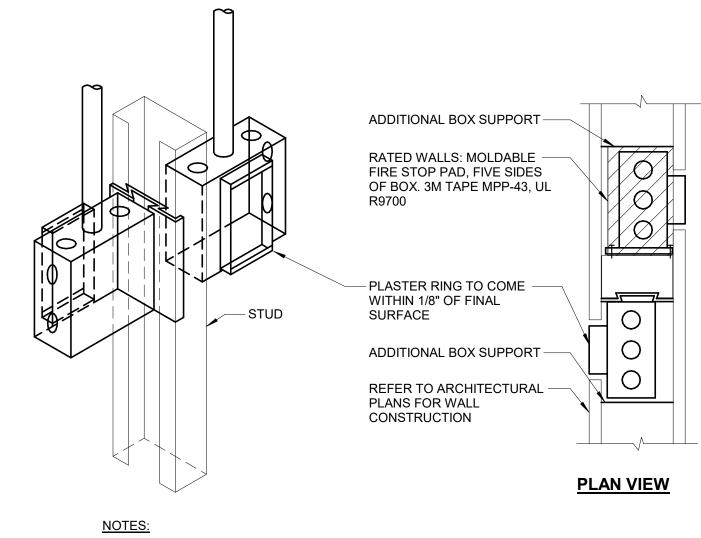
1. SCHEDULE 5 PIPE SLEEVE EMBEDDED IN WALL OR FLOOR, OR SMOOTH CORE DRILL. EACH CONTRACTOR FURNISHES SLEEVE TO G.C., COORDINATES SLEEVE LOCATIONS AND DEBURS SLEEVE. G.C. BUILDS SLEEVE INTO WALL OR FLOOR ALLOWING NO GAP AROUND SLEEVE. IF SLEEVE IS NOT PROVIDED WHEN WALL OR FLOOR IS BUILT, CONTRACTOR SHALL INSTALL SLEEVE. SLEEVE SIZE SHALL ALLOW

INSTALL BACKING MATERIAL, SUCH AS MINERAL WOOL SAFING, AS REQUIRED FOR FIRE STOP SYSTEM. INSTALL IN ACCORDANCE WITH FIRE STOP SYSTEM APPLICATION LISTING. SECURE TO WALL OR FLOOR TO ALLOW LONGITUDINAL MOVEMENT OF PENETRATING ITEM WITHOUT MOVEMENT OF FIRE BARRIER.

ANNULAR SPACE REQUIRED BY THE SELECTED FIRE STOP SYSTEM.

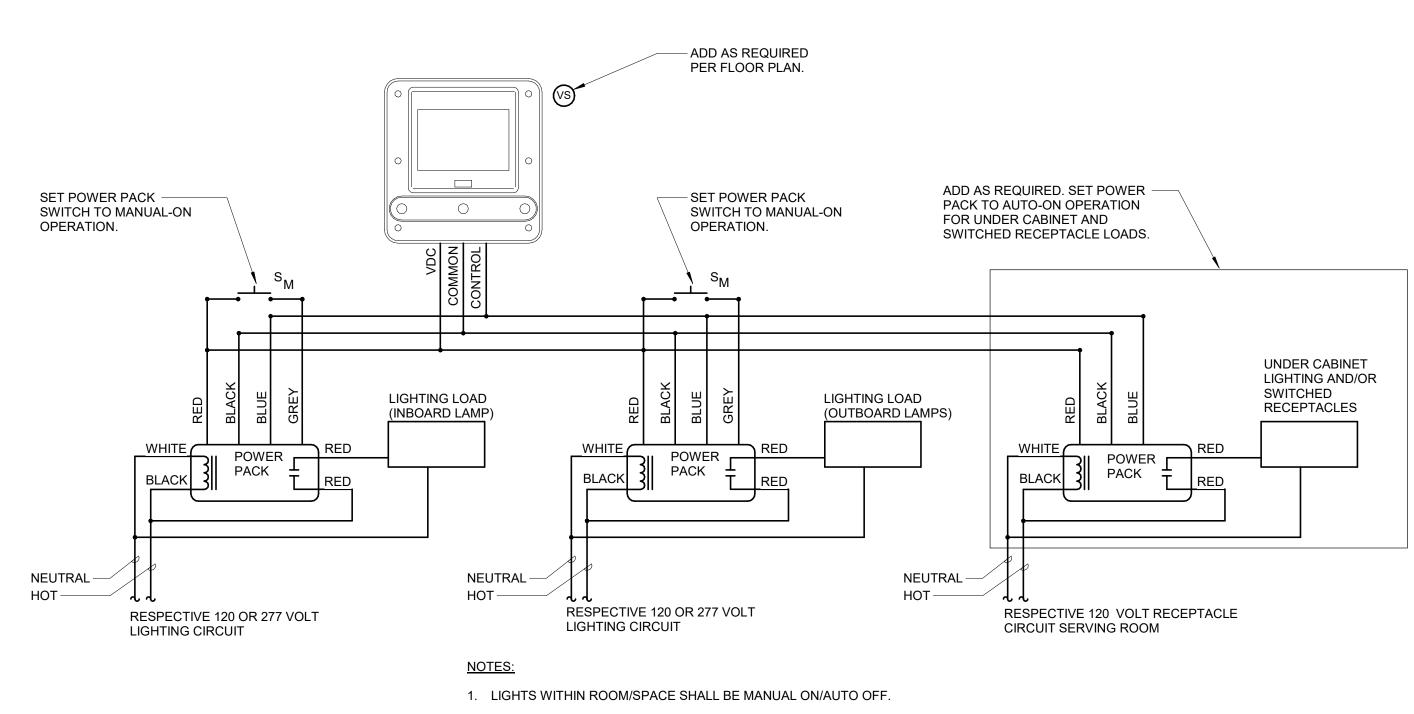
3. WATER-TIGHT WELDED 1"x1" 20 GAUGE MINIMUM GALVANIZED SHEET METAL ANGLE FRAME, BY CONTRACTOR IN EQUIPMENT ROOMS FOR WATER STOP. PLACE A BEAD OF WATERPROOF SEALANT BETWEEN FLOOR AND BOTTOM OF ANGLE FRAME. SECURE TO FLOOR WITH MASONRY ANCHORS IN CORNERS AND ON 12" MAXIMUM CENTERS. MULTIPLE PENETRATING ITEMS MAY BE ENCLOSED IN ONE FRAME.

FIRE BARRIER PENETRATION
NO SCALE

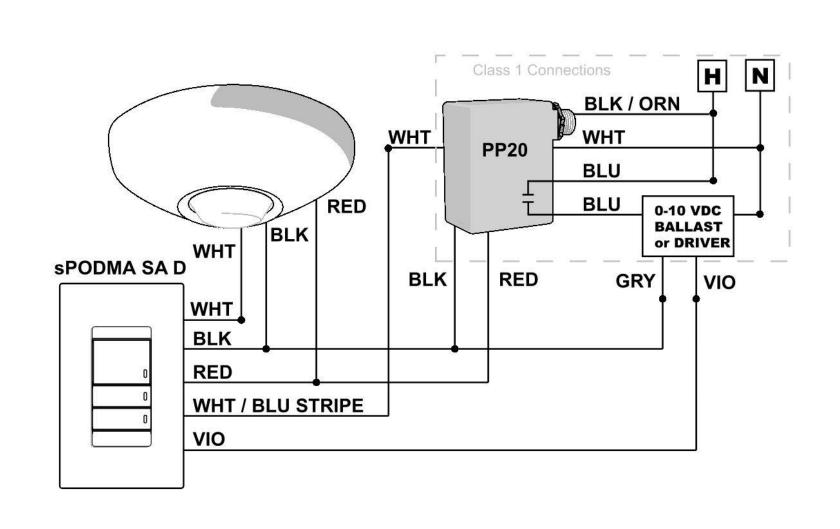


1. HORIZONTAL CONDUIT CONNECTION BETWEEN BOXES LESS THAN 2'-0" NOT PERMITTED. SEE SPECIFICATIONS AND DRAWING NOTES FOR ADDITIONAL SPACE REQUIREMENTS

3 SIDE BY SIDE DEVICE OPENINGS NO SCALE







6 LIGHTING CONTROL CONFIGURATION
NO SCALE





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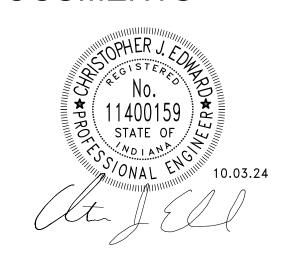
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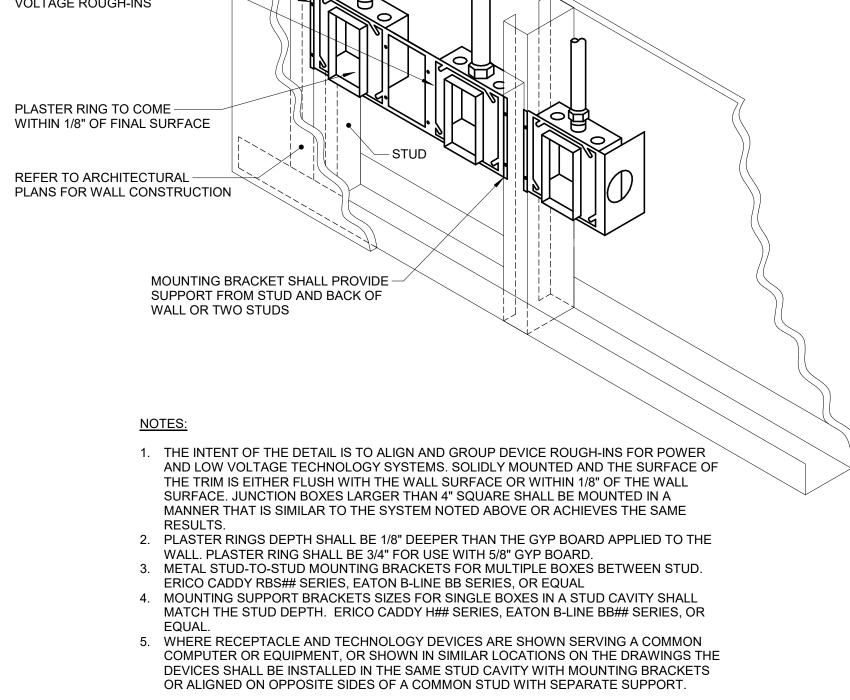
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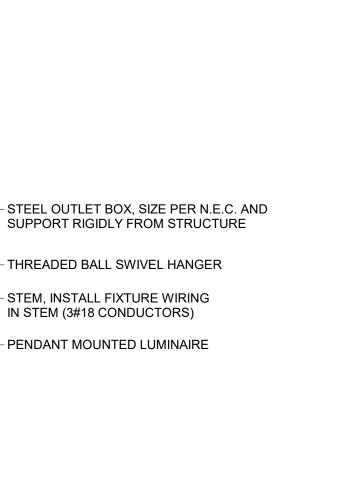
No.	Description	Date

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ELECTRICAL DETAILS



BACKBOX MOUNTING DETAIL
NO SCALE



- 1. SELECT STEM LENGTH TO PROVIDE MOUNTING HEIGHT AS REQUIRED ON DRAWINGS. 2. PROVIDE TWO STEMS ON SINGLE LUMINAIRE AND ONE STEM PER LUMINAIRE WHEN JOINED IN CONTINUOUS ROW.
- 3. LUMINAIRE TO BE MOUNTED LEVEL.
- PENDANT MOUNTING DETAIL
 NO SCALE

NOTES: 1. (!##) DENOTES THE LIGHTING SEQUENCE OF OPERATIONS FOR THIS SPACE. 2. [#B] PUSH BUTTON REFERS TO SCENE QUANTITY. CONTROL STATION SHALL BE CAPABLE OF [RAISE/LOWER AND] SWITCHING ON/OFF FOR MULTIPLE SCENES AS INDICATED ON SHEETS AND THE LIGHTING SEQUENCE OF OPERATIONS {L##}. COORDINATE QUANTITIES OF BUTTONS FOR CONTROL STATIONS WITH LIGHTING CONTROL MANUFACTURER. 3. [Z#] DENOTES LIGHTING CONTROL ZONE. PROVIDE SEPARATE CONTROL OF EACH CONTROLLED ZONE. LUMINAIRES ASSOCIATED WITH THE SAME ZONE SHALL OPERATE TOGETHER WITHIN THE SAME PROGRAMMED SCENE. 4. a = SWITCH DESIGNATION FOR LIGHTING CONTROL 5. VERIFY AND COORDINATE ALL TIME CLOCK SETTINGS WITH OWNER PRIOR TO FINAL PROGRAMMING. 6. VERIFY AND COORDINATE ALL PUSH BUTTON WALL DEVICES AND QUANTITIES OF INDIVIDUAL BUTTONS WITH SCENES AND ZONES PER LOCATION. 7. VERIFY AND COORDINATE ALL PUSH BUTTON QUANTITIES AND SCENE NAMES WITH OWNER PRIOR TO SUBMITTING ENGRAVING TEMPLATE TO MANUFACTURER. PLAN ID LIGHTING SWITCHED {LS1} SEQUENCE: MANUAL DIMMING WALL STATION WITH CEILING OCCUPANCY CONTROL. ON: LIGHTS ARE TURNED ON MANUALLY BY USING WALL CONTROL DEVICE. LIGHTS SHALL REMAIN ON WHILE TECHNOLOGY IS ACTIVATED. LIGHTS SHALL TURN ON AT 100%. ADJUST: DIMMABLE LIGHTS ARE RAISED/LOWERED USING WALL CONTROL DEVICE. DIMMING SHALL DIM BETWEEN 100% TO 25%. OFF: LIGHTS ARE TURNED OFF MANUALLY BY USING THE WALL CONTROL DEVICE OR AUTOMATICALLY AFTER

SPACE HAS BEEN VACATED FOR 15 MINUTES.

FA - FLAT ALUMINUM FS - FLAT STEEL RA - REGRESSED ALUMINUM	II - ANSI/IES TYPE 2 DISTRIBUTION			((L/L) LEN	S/LOUVER:		K19 -	KSH19 .156" ACRYLIC	
		N NSP - VERY NARROW SPOT		, i	A125" ACRYLIC			M - M	ATTE DIFFUSE CLEAR	
RA - REGRESSED ALUMINUM	III - ANSI/IES TYPE 3 DISTRIBUTION			E	B - BAFFL	E/LOUVER	N - N		ONE	
	IV - ANSI/IES TYPE 4 DISTRIBUTION	MD - MEDIUM			C - CLEAF	RALZAK		P - P(P - POLYCARBONATE	
RS - REGRESSED STEEL	V - ANSI/IES TYPE 5 DISTRIBUTION	WD - WIDE		F	F - FROSTED ACRYLIC			R - HI	R - HIGH IMPACT DR ACRYLIC	
FINISH:		VWD - VERY WI	DE		G - TEMP	ERED GLASS		SS - S	SEMI-SPECULAR CLEAR	
PAF - PAINT AFTER FABRICATION	N	WW - WALL WA	SH	ŀ	K - KSH12	.125" ACRYLIC	;	0 - 0	THER (SEE DESCRIPTION)	
CFSA - COLOR-FINISH SELECTIO	N BY ARCHITECT							[DESI	IGN SPECIFIC BLANKS]	
MTG) MOUNTING:) MOUNTING: RE - RECESSED			((WATT) P	ER: FD	(- FIXTURE, F	T - FOOT,	LAMP	
CL - CEILING SURFACE	SP - SUSPENDED			((TYPE) LE	:D		RGB	- COLOR CHANGING LED	
CV - COVE	SU - SURFACE			ι	LED - LIG	HT EMITTING D	IODE	RGBV	W - COLOR CHANGING + WHITE	
FR - FLANGED RECESSED	UC - UNDER CABINET			7	TLED - TL	BULAR LED LA	MP	RGB/	A - COLOR CHANGING + AMBER	
P - PERIMETER	WL - WALL				OLED - O	RGANIC LED		RLED	- RETROFIT LED	
PL - POLE	O - OTHER (SEE DESCRIPTION)			[DLED - D	NAMIC TUNAE	LE LED	WLE	O - WARM DIM LED	
TYPE) DRIVER:										
0-10V - 0-10V DIMMING	EB - ELECTRONIC	HL - HIGH/LOW	(100%/50%) ST	P DIM				MV - I	MULTI-VOLTAGE ELECTRONIC	
DALI - DIGITAL ADDRESSABLE	ELV - ELECTRONIC LOW VOLTAGE	LINE - LINE VOL	TAGE DIMMING					REM	- REMOTE	
DMX - DIGITAL MULTIPLEX	EM - EMERGENCY BATTERY	ML - MULTI-LEV	EL SWITCHING					0 - 0	THER (SEE DESCRIPTION)	
ESIGN. ERIFY AND COORDINATE ALL CEILING ONFIRM ALL COLORS AND FINISHES O	TYPES WITH LUMINAIRE MOUNTING AND ALL LUMINAIRE COMPONENTS WITH AS OR BELOW, REFER TO ARCHITECTUR	D TRIM REQUIREMENTS ARCHITECT AND INTERIOR AL AND INTERIOR DESIG	PRIOR TO THE DR DESIGNER I IN ELEVATIONS UIREMENTS.	RELEAS PRIOR TO , SECTIO	SE OF TH O THE RE ONS AND	E LUMINAIRE (LEASE OF THE DETAILS FOR	ORDER. ELUMINAIRE C	RDER.		
REFER TO SPECIFICATION SECTIONS LI										
	RATURE 3500K, COLOR RENDERING IND G.	DIMENSIONS	WATT ANSI		LEC		DRIVE	R		

SUSPENDED LED INDIRECT/DIRECT LINEAR LUMINAIRE WITH SQUARE MICRO PROFILE AND TOP GLOW UPLIGHT. HIGH OUTPUT.

N	ENC FI	OUNTING: RECESSED CLOSURE: NEMA 1 ED FROM: 0 A/0P @ OCATION: Room 24 S: UNLESS NOTED OTHERV	VISE, ALL	CIRC	UITS	S SHAL	L HAV	E 2#1:	2 & 1#1	SOL GR	NGLE LID NE ROUND	UTRAI BUS		10 FOI	R CII	RCU	IT H	OME	VOLT PHAS WIR SCC	E: 4 R: 10 kA	FEET.		
K E Y	CKT NO.	LOAD DESCRIPTION	OCP AMPS		5	VIRE SIZE N (VD 6 %		A		В	(.	VD %		WIR SIZI N	Ξ	P	OCPD AMPS	LOAD DESC		CKT NO.	
	1	EXISTING LOADS	20 A	1				0	0									1	20 A	EXISTING LOADS		2	_
		EXISTING LOADS	20 A	1						0	0							1		EXISTING LOADS		4	_
	5	EXISTING LOADS	20 A	1					1			0	0					1		EXISTING LOADS		6	_
	7	EXISTING LOADS	20 A	1		- -		0	0									1		EXISTING LOADS		8	_
	9	EXISTING LOADS	20 A	1					1	0	0							1		EXISTING LOADS		10	_
		EXISTING LOADS	20 A	1				_	-			0	0					1		EXISTING LOADS		12	_
		EXISTING LOADS	20 A	1			•	0	0									1		EXISTING LOADS		14	
		EXISTING LOADS	20 A	1						0	0							1		EXISTING LOADS		16	
		EXISTING LOADS	20 A	1								0	0					1		EXISTING LOADS		18	
		EXISTING LOADS	20 A	1				0	0	_	_							1		EXISTING LOADS		20	
		EXISTING LOADS	20 A	1						0	0	_						1		EXISTING LOADS		22	
		EXISTING LOADS EXISTING LOADS	20 A 20 A	1				0	0			0	0					1		EXISTING LOADS EXISTING LOADS		24 26	
		EXISTING LOADS	20 A	1				-	+ 0	0	0							1		EXISTING LOADS		28	
		EXISTING LOADS	20 A	1						0	0	0	0					1		EXISTING LOADS		30	_
		EXISTING LOADS	20 A	1				0	0									1		EXISTING LOADS		32	
		EXISTING LOADS	20 A	1					+	0	0							1		EXISTING LOADS		34	
		EXISTING LOADS	20 A	1						<u> </u>		0	0					1		EXISTING LOADS		36	_
		EXISTING LOADS	20 A	1				0	0				-					1		EXISTING LOADS		38	
		EXISTING LOADS	20 A	1						0	0							1		EXISTING LOADS		40	_
		1				Tota	Load:	0.0	0 kVA	0.00	kVA	0.00	kVA		1	1	1			1			_
						Total	Amps:	0	.00	0.	.00	0.	00										
									LC	DAD S	UMMA	RY											_
LOA	D CL	ASSIFICATION		СО	NNE	CTED	LOAD	DEN	IAND F	ACTO	R ES	STIMA	ΓED D	EMAN	ID					TOTALS*			
																TO	ΓAL	CON	INECTE	D LOAD:	0.00 kVA		_
																TO	ΓAL	EST	IMATE	DEMAND LOAD:	0 kVA		_
																TOI	ΓΔΙ	CON	INECTE	D AMPS:	0.00 A		_
																10							

N	ENC FI	DUNTING: RECESSED CLOSURE: NEMA 1 ED FROM: 0 A/0P @ DCATION: Room 24 S: UNLESS NOTED OTHERW	/ISE, ALL	CIR	CUIT						SOLII GRO	GLE D NE DUND	TUB UTRAL) BUS	-		R CIF	RCU	IT H		VOLTS PHASE WIRE SCCF	E: 4 ₹ : 10 kA		
	CKT NO.	LOAD DESCRIPTION	OCF AMPS			WIRI SIZE		VD %		A	В		(:	VD %		WIRI SIZE N			CPD AMPS	LOAD DESCRIPTION	CK	
	1	EXISTING LOADS	20 A	1				/0	0	0					/0				1		EXISTING LOADS	2	
		EXISTING LOADS	20 A	1						+ -	0	0							1		EXISTING LOADS	4	_
		EXISTING LOADS	20 A	1									0	0					1		EXISTING LOADS	6	-
	7	SPARE	20 A	1					0	0									1		EXISTING LOADS	8	-
	9	SPARE	20 A	1							0	0							1		EXISTING LOADS	10	_
		SPARE	20 A	1							-	-	0	0					1		EXISTING LOADS	12	_
	13	SPARE	20 A	1					0	0				_					1		EXISTING LOADS	14	_
	15	SPARE	20 A	1							0	0							1		EXISTING LOADS	16	_
		SPARE	20 A	1									0	0					1		SPARE	18	_
	19	SPARE	20 A	1					0	0									1		SPARE	20	_
	21	SPARE	20 A	1							0	0							1		SPARE	22	_
		EXISTING LOADS	20 A	1									0	0					1		SPARE	24	_
		EXISTING LOADS	20 A	2					0	0									2		SPARE	26	_
	27										0	0										28	_
	29	EXISTING LOADS	20 A	2									0	0					2	20 A	SPARE	30)
	31								0	0												32	,
	33	EXISTING LOADS	20 A	2							0	0							2	20 A	EXISTING LOADS	34	ŀ
	35												0	0								36	į
		EXISTING LOADS	20 A	2					0	0									2	20 A	SPARE	38	-
	39										0	0									-	40	j
								_oad: .mps:		kVA 00	0.00 k		0.00										
									<u> </u>		DAD SU		-	- =	1				J				
_OA	D CL	ASSIFICATION		C	NNC	ECT	ED L	OAD	DEM		ACTOR			TED D	EMAN	1D					TOTALS*		
				-													ד∩י	ΓΔΙ (AIAOS	IECTE	D LOAD: 0.00 kVA		-
				-																	DEMAND LOAD: 0.00 KVA 0.00 KVA		-
				-																	D AMPS: 0.00 A		
				+																	DEMAND AMPS: 0.00 A		-
		*TOTAL DEMAND CALCS SUBT	TDACT A	UV P	EDII	NDΛ	NIT I		\ND T	TE CV	/// I ED	0.05	ΛΝV ΝΙ)NICO	INCID								-
		UIT KEY NOTES:	INACIAI	NI K	רטט	אטאי	INI L	JAD A	ו טאור	1 IE 31\		UF /	- INI INI	JINCO	IIIOIL	'LIN I	177/	√O L	OAD	J. 11710	OALU IO DONE AT EAUT PANE		

13 W FT LED 1 1591





LILY HALL TEACHING LAB 1-129 RENOVATION

ARCHITECT

DELV Design 212 W 10th St, STE F125 Indianapolis, IN 46202 (317) 296-7400

MEP

0-10V FINELITE HPX ID

LUMENWERX VIA2

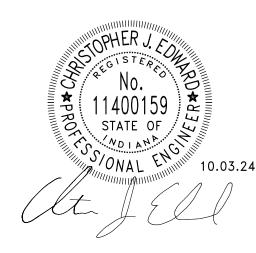
FOCAL POINT SEEM2 OR APPROVED EQUAL

120 V

LUMENS/FT

IMEG 8900 Keystone Crossing #210 Indianapolis, IN 46240 (317) 848-5045

100% CONSTRUCTION DOCUMENTS



No.	Description	Date

PROJECT #: 24005124.00 ISSUE DATE: 10.03.2024 DRW: RT | CHK: CJE

ELECTRICAL SCHEDULES