ADDENDUM NO. 1

20230501 - BL000B - Multi-Building Classroom Upgrades

Indiana University Bloomington, Indiana

Project No. 20230501

Index of Contents

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New Drawing Sheet: A-002.S – Site Logistics
Revised Drawing Sheets: A-001.W, A-101.O, A-101.W, A-102.W, A-103.W, A-104.W, E-001, E-401.O, E-401-W, E-402.W, E-403.W, E404.W, E-501.

Date: March 20, 2025

I hereby certify that this Addendum was prepared by me or under my direct supervision and that I am a duly registered Architect/Engineer under the Laws of the State of Indiana.

FANNING/HOWEY ASSOCIATES, INC. ARCHITECTS/ENGINEERS/CONSULTANTS



TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 1 to Drawings and Project Manual, dated March 10, 2025 for 20230501 – BL000B – Multi-Building Classroom Upgrades for Indiana University, 2901 East Discovery Parkway, Bloomington, Indiana 47408; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana.

This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

ITEM NO. 1. PROJECT MANUAL SECTION 23 09 00 - WIRING DEVICES

- A. Replace 2.3, B with the following:
 - "B. Dimmer Switches: Provide dimmer compatible with fixtures, 0-10 V LED, adjustable high and low end trim settings, rocker on/off and slide dimmer style full range dimming with indication, no leakage to load in OFF mode, soft ON and fade OFF."

ITEM NO. 2. NEW DRAWING SHEET

A. Drawing Sheet No. A-002.S – Site Logistics, is included with and hereby made a part of this Addendum.

ITEM NO. 3. REVISED DRAWING SHEETS

A. Drawing Sheets: A-001.W, A-101.O, A-101.W, A-102.W, A-103.W, A-104.W, E-001, E-401.O, E-401-W, E-402.W, E-403.W, E404.W, E-501, have been revised, dated 3/20/25 and are included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

ITEM NO. 4. DRAWING SHEET - E-101.W

Delete this Drawing Sheet in its entirety.

END OF ADDENDUM

BL000B - MULTI-BUILDING CLASSROOM UPGRADES IU PROJECT NO: 20230501

MULTI-BUILDING CLASSROOM UPGRADES

Wendell W. Wright Education Building 201 N Rose Ave, Bloomington, IN 47405

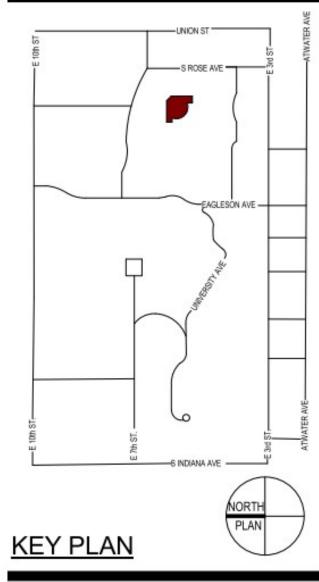
INDIANA UNIVERSITY



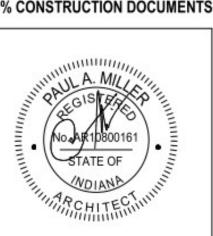
ARCHITECT



317.848.0966 350 E. NEW YORK STREET SUITE 300, INDIANAPOLIS IN 46204



100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: PW DRAWN BY: HA

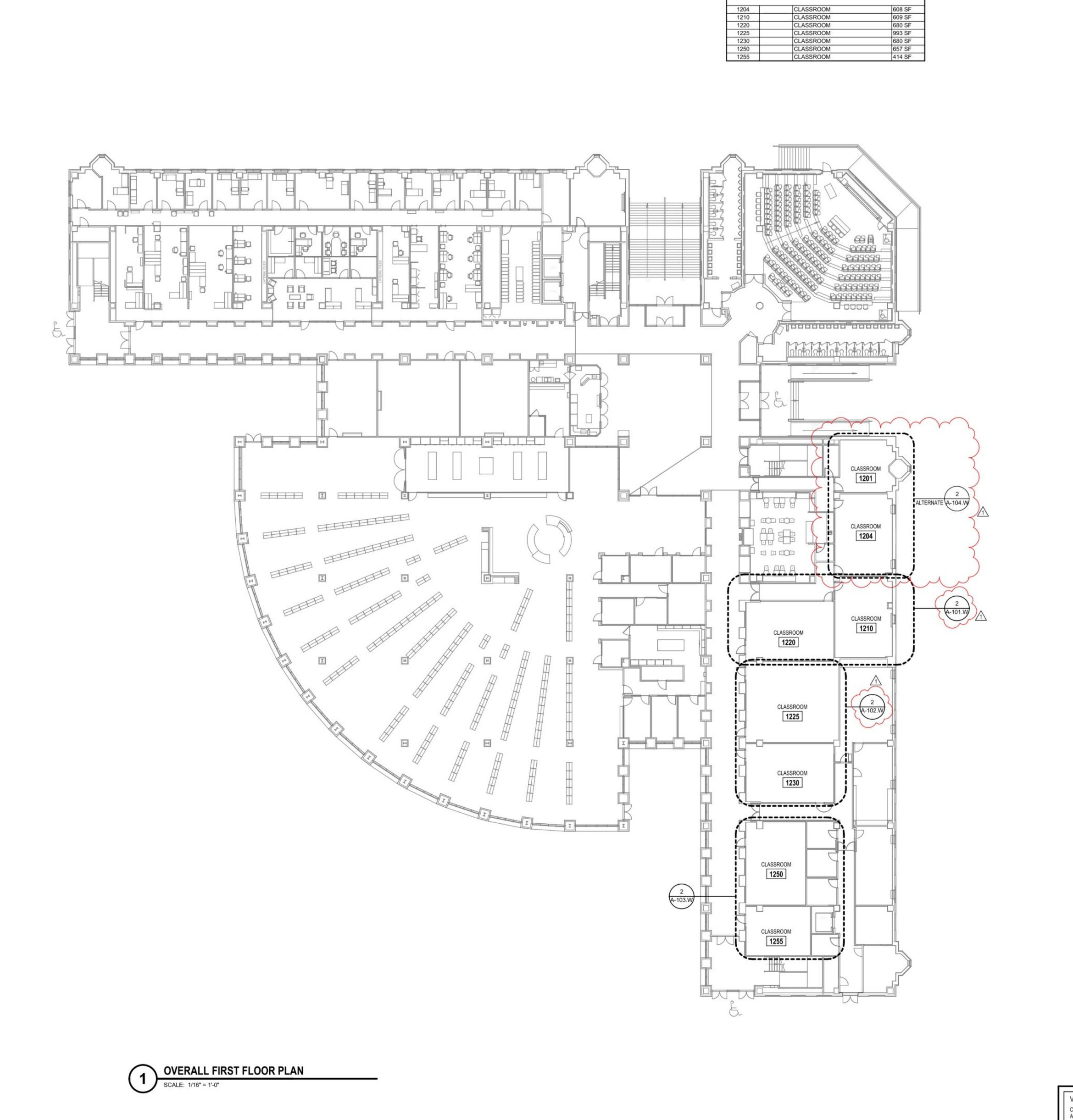
PROJECT N	UMBER: 224203.00	
PROJECT IS	SUE DATE: 03.10.2025	
REV. NO.△	DESCRIPTION	DATE
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VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

WRIGHT OVERALL FIRST FLOOR

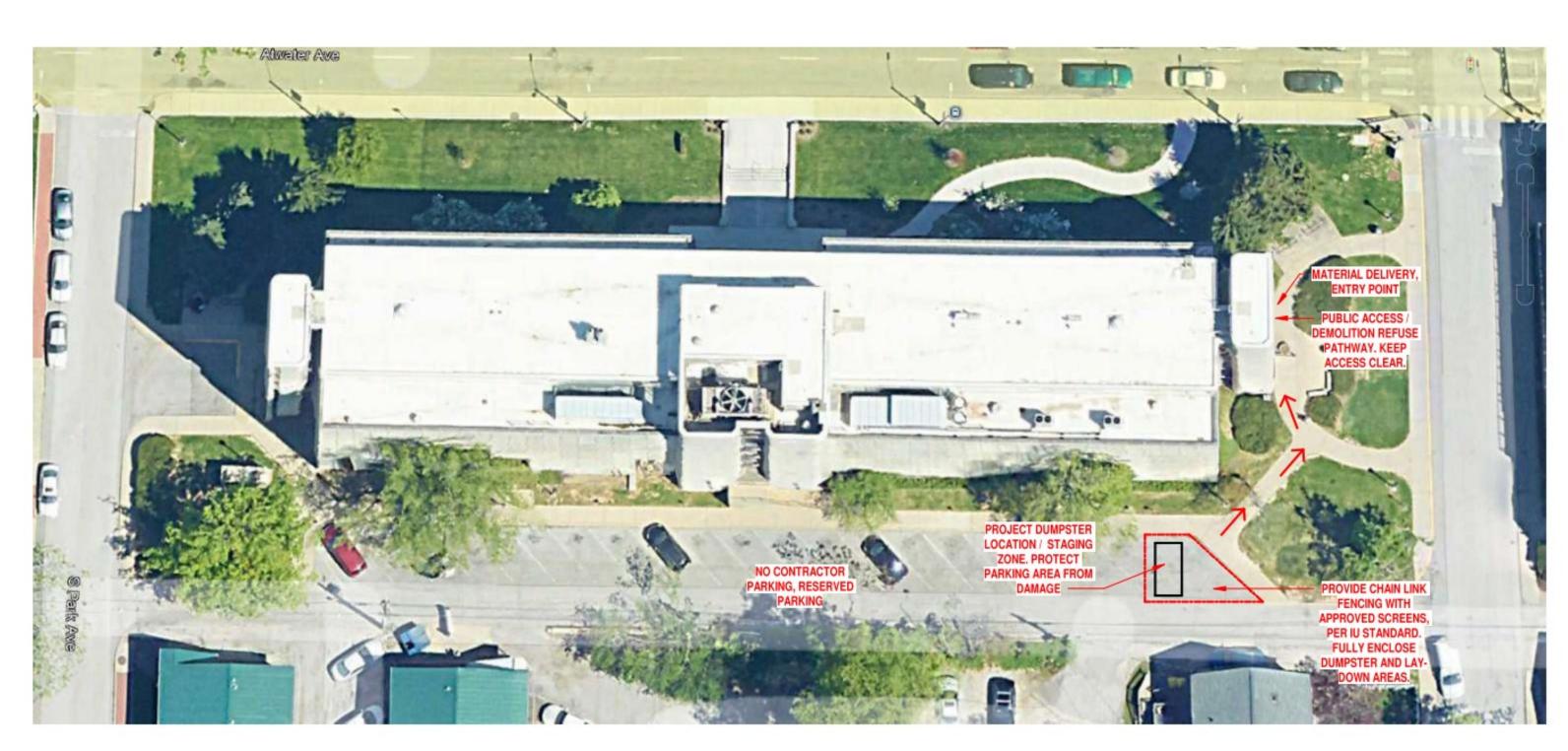


ROOM LEGEND - FIRST FLOOR

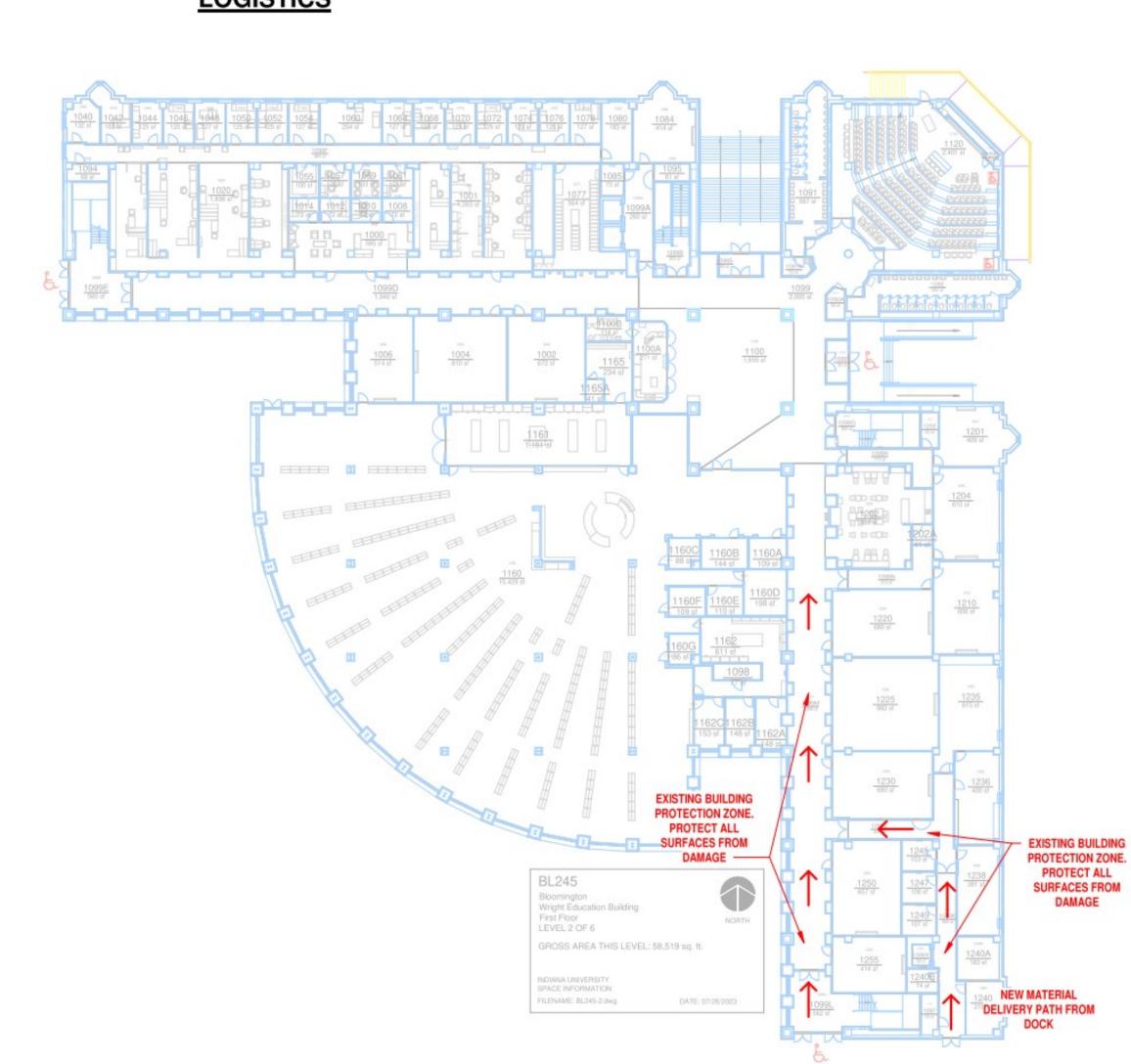
CLASSROOM CLASSROOM CLASSROOM

ROOM NO. ROOM NO.

OPTOMETRY BUILDING -BUILDING LOGISTICS



OPTOMETRY BUILDING - SITE LOGISTICS



WRIGHT EDUCATION BUILDING -BUILDING LOGISTICS



CAMPUS LOCATION MAP

SITE / BUILDING LOGISTICS

REFER TO THESE PLANS FOR SITE / BUILDING RELATED CONSTRUCTION LOGISTIC ISSUES. IF FURTHER ISSUES ARE ENCOUNTERED BY THE CONTRACTOR, THEY SHOULD BE BROUGHT TO THE ARCHITECTS / OWNERS ATTENTION IMMEDIATELY.

RENOVATION / CONSTRUCTION ACTIVITIES ARE INTERNAL TO A FULLY FUNCTIONING FACILITY. GREAT CARE SHALL BE TAKEN TO PROTECT AND RESPECT ON-GOING OWNER, STAFF AND STUDENT

- CONTRACTOR SHALL BE RESPONSIBLE TO PHOTOGRAPH ALL EXISTING CONDITIONS OF THE "EXISTING BUILDING PROTECTION ZONE" AND "SITE PROTECTION ZONE", PRIOR TO THE
- EXISTING SURFACES, INCLUDING BUT NOT LIMITED TO, TERRAZZO FLOORING, ALL WALL SURFACES AND CEILING FINISHES AND EQUIPMENT SHALL BE PROTECTED APPROPRIATELY. ANY
- DAMAGE INCURRED TO EXISTING SURFACES SHALL BE REPAIRED AND RESTORED TO LIKE NEW CONDITION, NO COST TO THE OWNER.

 EXISTING SITE AMENITIES, INCLUDING BUT NOT LIMITED TO, LAWNS, SIDEWALKS AND SITE RELATED EQUIPMENT SHALL BE PROTECTED APPROPRIATELY. ANY DAMAGED INCURRED TO
- EXISTING SURFACES SHALL BE REPAIRED AND RESTORED TO LIKE NEW CONDITION, NO COST TO THE OWNER. LAWN SHALL BE SEEDED AND PROTECTION LAYER PROVIDED UPON PROJECTION.
- CONTRACTOR SHALL BE REPSONSIBLE TO KEEP ALL ADJACENT NON-CONSTRUCTION PATHWAYS WITHIN THE BUILDING OPEN FOR EXITING AND CLEAN AND FREE OF DUST / CONTRUCTION RELATED DEBRIS AT ALL TIMES. ALL PATHWAYS SHALL BE FINAL CLEANED BY THE CONTRACTOR AT THE CONCLUSION OF THE PROJECT.

DUMPSTER LOCATIONS INDICATED ON THE LOGISITCS PLAN. COORDINATE FINAL LOCATION WITH THE OWNER / ZONE MANAGER, IF ADJUSTMENTS NEED TO BE MADE FOR UNFORSEEN CIRCUMSTANCES, DOCUMENT CHANGES ON AS-BUILT DRAWINGS. CONTRACTOR SHALL BE REQUIRED TO MAINTAIN / EMPTY DUMSTERS IN A TIMELY MANNER TO KEEP CONSTRUCTION WASTE CONTAINED WITHIN. DAMAGE TO PAVING, CONCRETE, CURBS OR SIDEWALKS SHALL BE REPAIRED BY THE CONTRACTOR, NO COST TO THE OWNER. LAWN SHALL BE SEEDED AND PROTECTION LAYER PROVIDED UPON PROJECT COMPLETION.

CONTRACTOR SHALL PROVIDE CHAIN LINK FENCING, AS INDCIATED, WITH IU APPROVED SCREENING.

MATERIAL DELIVERY TIMES SHALL BE COORDINATED WITH THE BUILDING OWNER. TIMES SCHEDULED FOR MATERIAL DELIVERY SHALL BE BEFORE AND AFTER CLASS TIMES SCHEDULED IN SPACES ADJACENT TO "EXISTING BUILDING PROTECTION ZONE". LIMITED USE OF ACCESS ROADS AND LOADING DOCK SHALL BE MAINTAINED. THERE IS NO ANTICIPATED "LAY-DOWN AREA", IF SPACE IS NEEDED, IT WILL BE COORDINATED WITH THE OWNER.

CONTRACTOR PARKING: CONTRACTOR PARKING IS TO BE COORDINATED PER IU'S TYPICAL STANDARD. MAIN CONTRACTOR PARKING SHALL BE IN THE PURPLE LOT AT MEMORIAL STADIUM OR ADJACENT PARKING STRUCTURE, ALL FEES AND FINES SHALL BE PAID BY THE CONTRACTOR, OWNER WILL NOT BE RESPONSIBLE FOR TICKETING OR TOWING COSTS ASSOCIATED WITH IMPROPERLY PARKED VEHICLES.

CONTRACTOR SHALL ONLY USE "1" SINGLE RESTROOM GROUP IN THE FACILITY, AS DESIGNATED BY THE OWNER. ALL OTHER RESTROOM GROUPS SHALL BE KEPT FREE FOR PUBLIC USAGE.

CONTRACTOR SHALL USE ALL MEANS TO MINIMIZE DUST GENERATION DURING CONSTRUCTION ACTIVITIES KEEPING DUST CONTAINED WITHIN CONSTRUCTION AREAS.



WRIGHT EDUCATION BUILDING -SITE LOGISTICS COPYRIGHT 2025 BY FANNING/HOWEY ASSOCIATES, INC.

BL000B - MULTI-BUILDING CLASSROOM UPGRADES IU PROJECT NO: 20230501

MULTI-BUILDING CLASSROOM UPGRADES

1033 E 3rd St, Bloomington, IN 47405

INDIANA UNIVERSITY



ARCHITECT



317.848.0966 WWW.FHAI.COM 350 E. NEW YORK STREET SUITE 300, INDIANAPOLIS IN 46204

100% CONSTRUCTION DOCUMENTS



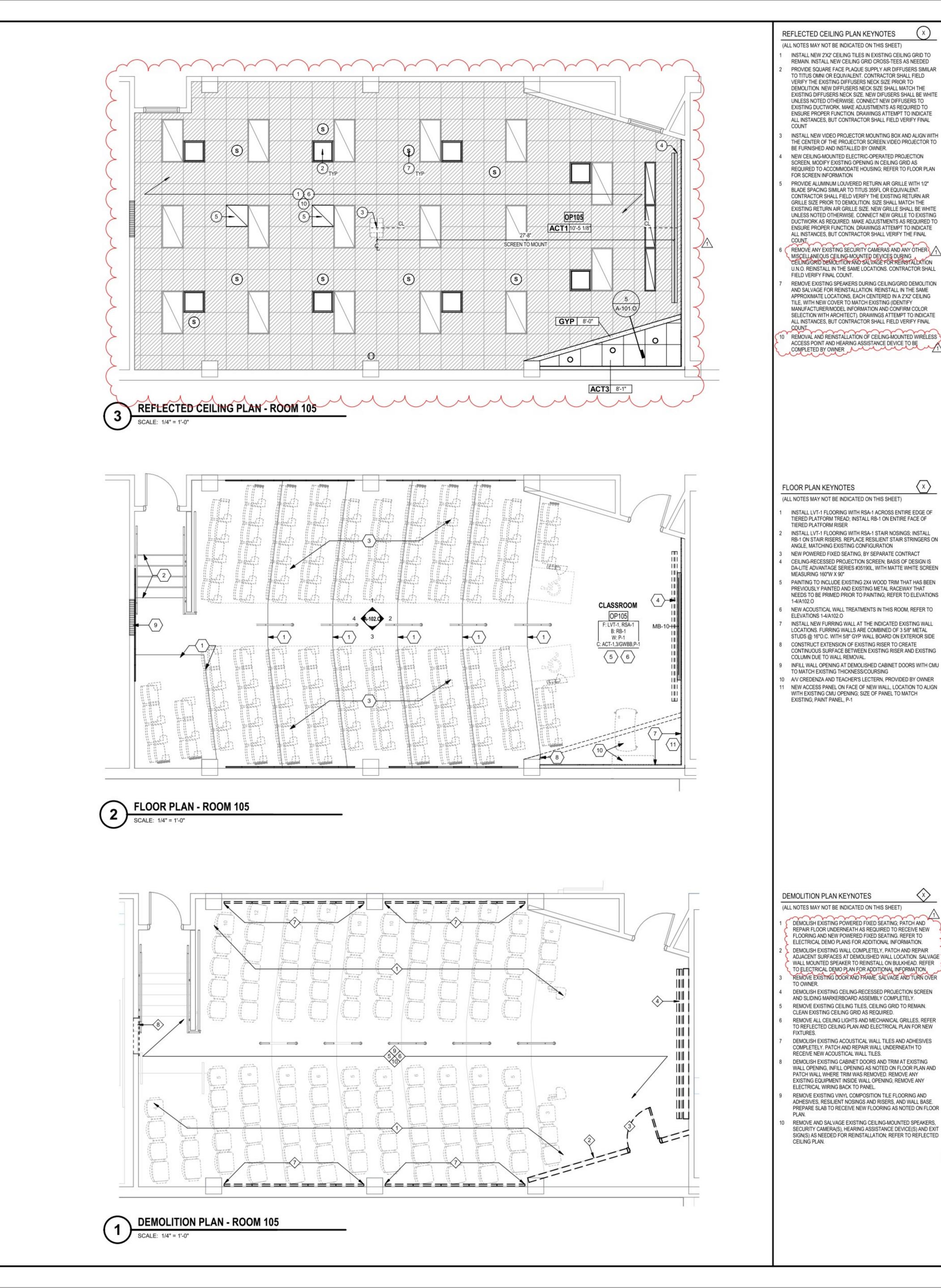
PROJECT MANAGER: PW
DRAWN BY: Author
PROJECT NUMBER: 224203.00

PROJECT ISSUE DATE: 03.12.2025

NO.	DESCRIPTION	DATE

SITE LOGISTICS

A-002.S



BL000B - MULTI-BUILDING CLASSROOM UPGRADES

IU PROJECT NO: 20230501

GENERAL FLOOR PLAN NOTES

COLOR INDICATED (UNO).

RECEIVE NEW FINISHES.

INDICATED ON PLANS.

LIST OF FINISHES

CONSTRUCTION CONTRACTS).

STUD WALLS FOR WALL MOUNTED ITEMS.

LVT-1 (LUXURY VINYL TILE - OPTOMETRY)

INSTALLATION METHOD: TO BE DETERMINED

INSTALLATION METHOD: MONOLITHIC

STYLE: #1 COMMERCIAL STAIR NOSING

RB-1 (RESILIENT BASE - OPTOMETRY)

RB-2 (RESILIENT BASE - WRIGHT EDUCATION)
MFR: JOHNSONITE / TARKETT

LVT-2 (LUXURY VINYL TILE - WRIGHT EDUCATION)

RSA-1 (RESILIENT STAIR NOSING - OPTOMETRY)

MFR: MANNINGTON AMTICO

MFR: MANNINGTON AMTICO

COLOR: BLACK BROWN 193

COLOR: BLACK BROWN 193

COLOR: BURNT UMBER 63

P-1 (FIELD PAINT - OPTOMETRY)
MFR: SHERWIN WILLIAMS COLOR: SW7037 BALANCED BEIGE

P-2 (TRIM PAINT - OPTOMETRY) MFR: SHERWIN WILLIAMS

MFR: SHERWIN WILLIAMS

COLOR: SW7567 NATURAL TAN

MFR: SHERWIN WILLIAMS

COLOR: SW7675 SEALSKIN

MFR: SHERWIN WILLIAMS

MFR: SHERWIN WILLIAMS

COLOR: TO BE SELECTED

SIZE: 24" X 24" / SQUARE EDGE

SIZE: 24" X 24" / SQUARE EDGE

SIZE: 24" X 24" / SQUARE EDGE

STYLE: REFER TO SPECIFICATIONS COLOR: TO BE SELECTED (MATCH P-3)

STYLE: REFER TO SPECIFICATIONS COLOR: TO BE SELECTED (MATCH P-5)

STYLE: PALLADIUM RIGID SHEET COLOR: TO BE SELECTED

MFR: MAHARAM

THICKNESS: 1"

MFR: MAHARAM

THICKNESS: 1"

THICKNESS: 1"

PATTERN: MANNER 466177 COLOR: TO BE SELECTED

PATTERN: MANNER 466177

COLOR: TO BE SELECTED

PATTERN: MANNER 466177

COLOR: TO BE SELECTED

WHERE INCLUDED IN IRWC EXTENTS

IRWC-1 (IMPACT-RESISTANT WALLCOVERING - WRIGHT ED)
MFR: INPRO

NOTE: INCLUDE J-TRIM CAP, INCLUDE OUTSIDE CORNERS

AWT-1 (ACOUSTICAL WALL TREATMENT - OPTOMETRY)

AWT-2 (ACOUSTICAL WALL TREATMENT - OPTOMETRY)

AWT-3 (ACOUSTICAL WALL TREATMENT - OPTOMETRY)

MFR: ARMSTRONG

STYLE: CIRRUS 563

STYLE: CIRRUS 563

STYLE: CIRRUS 563

COLOR: WHITE

MISCELLANEOUS FINISHES

COLOR: WHITE

COLOR: WHITE

P-4 (TRIM PAINT - WRIGHT EDUCATION)

P-5 (ACCENT - WRIGHT EDUCATION)

P-6 (CÉILING - WRIGHT EDUCATION)

ACT-1 (CEILING TILES ONLY - OPTOMETRY)

ACT-2 (CEILING TILES ONLY - WRIGHT EDUCATION)

ACT-3 (CEILING TILES & GRID - OPTOMETRY)

COLOR: SW7048 URBANE BRONZE P-3 (FIELD PAINT - WRIGHT EDUCATION)

SIZE: 6" COVE

SIZE: 4" COVE

COLOR: RIVERSTONE TUNDRA

PATTERN: STONE

PATTERN: STONE

BASE FINISHES

WALL FINISHES

CEILING FINISHES

COLOR: STRIA BASALT SIZE: 18" X 18"

SIZE: 18" X 18"

SEALANT SHALL BE APPLIED AT ALL MATERIAL

AND FIRE EXTINGUISHER CABINETS (U.N.O.).

TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES. ALL

REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES.

SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND

EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED

PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED

EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH.

PAINT ALL SIDES (VERT. AND HORZ.) OF BULKHEAD/SOFFIT

REPAINT ALL SIDES OF EXISTING HOLLOW METAL DOOR

FINISHES FOR COLOR SELECTIONS IN EACH BUILDING.

HIDDEN LINES (----) INDICATE ITEMS TO BE PART OF

LOOSE EQUIPMENT PACKAGE OR BY OWNER, NOT

(---) INDICATES OVERHEAD ITEMS (INCLUDED IN

DO NOT PAINT ANY EXISTING STAINED WOOD TRIM.

PATCH AND REPAIR ALL HOLES AND IMPERFECTIONS, TO

INCLUDED IN CONSTRUCTION CONTRACTS. DASHED LINES

(MB) INDICATES 4' HIGH GLASS MARKERBOARD, LENGTH AS

PROVIDE WOOD BLOCKING AS REQUIRED WITHIN METAL

FRAMES IN ROOMS IN PROJECT SCOPE ONLY; SEE LIST OF

AROUND INCLUDE BUT NOT LIMITED TO THERMOSTATS

LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR

MULTI-BUILDING CLASSROOM **UPGRADES**

School of Optometry 800 Atwater Ave, Bloomington, IN 47405

INDIANA UNIVERSITY



ARCHITECT

HOWEY

WWW.FHAI.COM 317.848.0966 350 E. NEW YORK STREET STE 300, INDIANAPOLIS IN 46204

S ROSE AVE KEY PLAN

100% CONSTRUCTION DOCUMENTS

PROJECT MANAGER: PW

PROJECT NUMBER: 224203.00 PROJECT ISSUE DATE: 03.10.2025

ADDENDUM #1

DRAWN BY: AML / HA

REFLECTED CEILING PLAN LEGEND ACT3 - NEW 2X2 ACOUSTICAL CEILING TILES AND GR

ACT1 - EXISTING 2X2 ACOUSTICAL CEILING TILES TO BE REPLACED - EXISTING GRID TO REMAIN

X1 XX'-XX" INDICATES CEILING TYPE AND HEIGHT REFER TO LIST OF FINISHES FOR TYPES

NEW MECHANICAL DIFFUSER

NEW MECHANICAL RETURN AIR GRILLE manne NEW LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS mmmm

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT

THE ARCHITECT BEFORE PROCEEDING WITH WORK.

OPTOMETRY ENLARGED PLANS

DESCRIPTION

110'-5 1/8"

BASE OF

EXISTING CEILING

5/8" GYPSUM BOARD -

SHEATING, 6" ABOVE CEILING LEVEL.

108'-0"

BASE OF NEW

5/8" GYPSUM BOARD -

SCALE: 6" = 1'-0"

BULKHEAD

SHEATING

— 2 X 4 METAL STUD @ 16" O.C.,

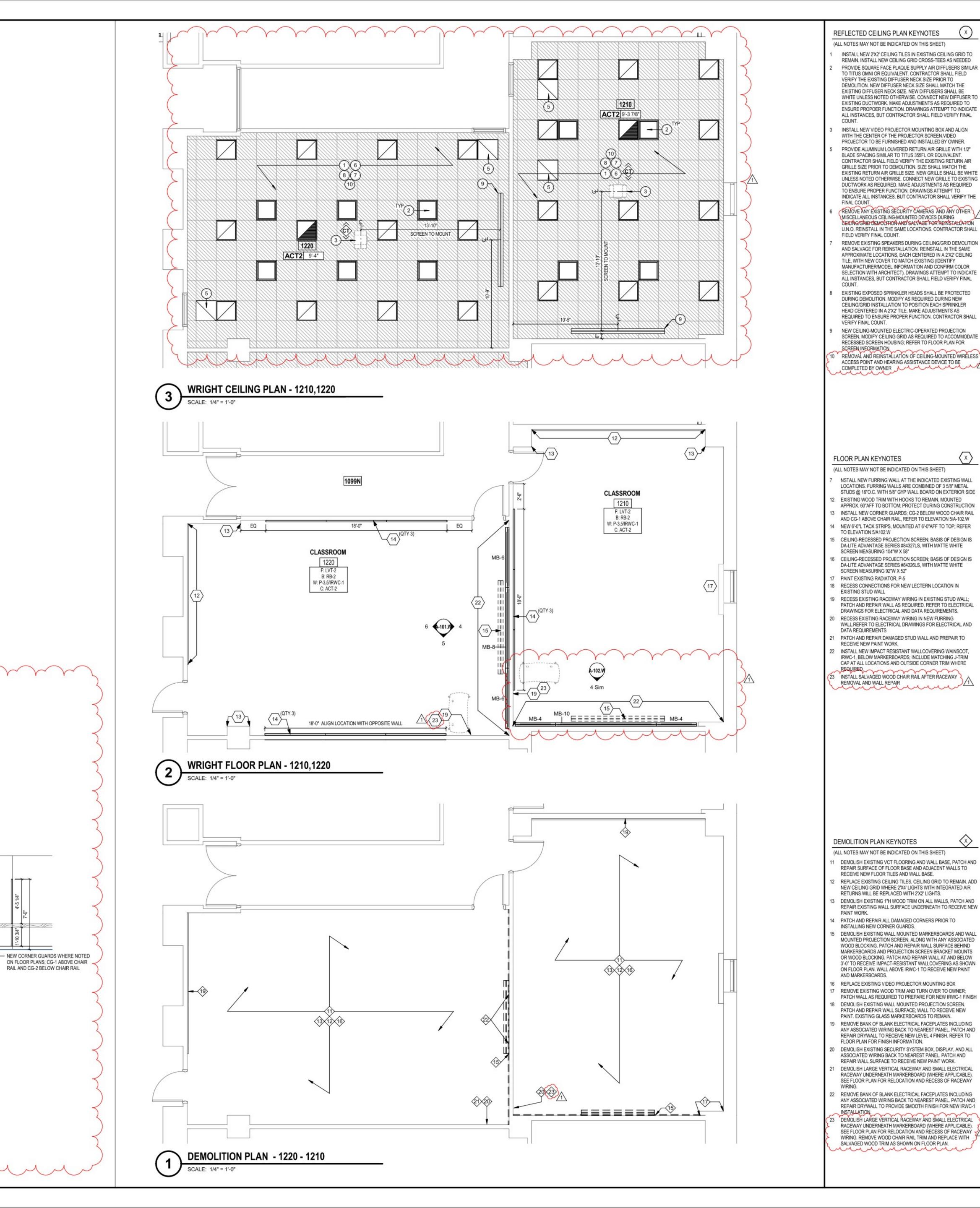
--- 5/8" GYPSUM BOARD

CEILING LEVEL.

SHEATING, 6" ABOVE

BASE OF NEW

CEILING



— PAINT BOTH SIDES OF EXISTING

EXISTING WOOD DOOR TO REMAIN

HOLLOW METAL FRAME, P-4

— PAINT P-3 ABOVE CHAIR RAIL -

PAINT P-5 BELOW CHAIR RAIL ~

TACK STRIPS WHERE NOTED

 EXISTING WOOD CHAIR RAIL TO REMAIN, DO NOT PAINT

PAINT P-3 ABOVE CHAIR RAIL

PAINT P-5 BELOW CHAIR RAIL

TYP CLASSROOM WALL - TACK STRIPS

REFER TO FLOOR PLAN FOR PROJECTION SCREEN INFORMATION

REFER TO FLOOR PLAN

IRWC-1 WAINSCOT, EXTENTS AS NOTED ON PLANS

FOR MARKERBOARD SIZES

TYP CLASSROOM TEACHING WALL

☐ IRWC-1 J-TRIM CAP

─ NEW RB-2

TYP CLASSROOM WALL - EXISTING HOOKS

EXISTING WOOD TRIM WITH

EXISTING WOOD CHAIR RAIL

TO REMAIN, DO NOT PAINT

HOOKS TO REMAIN, DO NOT PAINT

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GENERAL FLOOR PLAN NOTES

COLOR INDICATED (UNO).

RECEIVE NEW FINISHES.

INDICATED ON PLANS.

LIST OF FINISHES

PATTERN: STONE

PATTERN: STONE

SIZE: 18" X 18"

SIZE: 6" COVE

SIZE: 4" COVE

WALL FINISHES

COLOR: STRIA BASALT

SIZE: 18" X 18"

FLOOR FINISHES

CONSTRUCTION CONTRACTS).

STUD WALLS FOR WALL MOUNTED ITEMS.

LVT-1 (LUXURY VINYL TILE - OPTOMETRY)
MFR: MANNINGTON AMTICO

INSTALLATION METHOD: TO BE DETERMINED

LVT-2 (LUXURY VINYL TILE - WRIGHT EDUCATION)

RSA-1 (RESILIENT STAIR NOSING - OPTOMETRY)

COLOR: RIVERSTONE TUNDRA

MFR: MANNINGTON AMTICO

COLOR: BLACK BROWN 193

COLOR: BLACK BROWN 193

MFR: JOHNSONITE / TARKETT COLOR: BURNT UMBER 63

P-1 (FIELD PAINT - OPTOMETRY)
MFR: SHERWIN WILLIAMS COLOR: SW7037 BALANCED BEIGE

P-2 (TRIM PAINT - OPTOMETRY) MFR: SHERWIN WILLIAMS

MFR: SHERWIN WILLIAMS

COLOR: SW7675 SEALSKIN

MFR: SHERWIN WILLIAMS

MFR: SHERWIN WILLIAMS

COLOR: TO BE SELECTED

SIZE: 24" X 24" / SQUARE EDGE

SIZE: 24" X 24" / SQUARE EDGE

SIZE: 24" X 24" / SQUARE EDGE

STYLE: REFER TO SPECIFICATIONS

STYLE: REFER TO SPECIFICATIONS COLOR: TO BE SELECTED (MATCH P-5)

STYLE: PALLADIUM RIGID SHEET COLOR: TO BE SELECTED

MFR: MAHARAM

THICKNESS: 1"

THICKNESS: 1"

THICKNESS: 1*

PATTERN: MANNER 466177

COLOR: TO BE SELECTED

PATTERN: MANNER 466177

COLOR: TO BE SELECTED

PATTERN: MANNER 466177

COLOR: TO BE SELECTED

REFLECTED CEILING PLAN LEGEND

WHERE INCLUDED IN IRWC EXTENTS

COLOR: TO BE SELECTED (MATCH P-3)

MFR: ARMSTRONG

STYLE: CIRRUS 563

STYLE: CIRRUS 563

STYLE: CIRRUS 563

COLOR: WHITE

MISCELLANEOUS FINISHES

COLOR: WHITE

COLOR: WHITE

CEILING FINISHES

COLOR: SW7048 URBANE BRONZE

COLOR: SW7567 NATURAL TAN

P-3 (FIELD PAINT - WRIGHT EDUCATION)

P-4 (TRIM PAINT - WRIGHT EDUCATION)

P-5 (ACCENT - WRIGHT EDUCATION)

COLOR: TO BE SELECTED P-6 (CEILING - WRIGHT EDUCATION)

ACT-1 (CEILING TILES ONLY - OPTOMETRY)

ACT-2 (CEILING TILES ONLY - WRIGHT EDUCATION)

ACT-3 (CEILING TILES & GRID - OPTOMETRY)

CG-1 (CORNER GUARDS - WRIGHT EDUCATION)
MFR: INPRO

G-2 (CORNER GUARDS - WRIGHT EDUCATION)

IRWC-1 (IMPACT-RESISTANT WALLCOVERING - WRIGHT ED)
MFR: INPRO

NOTE: INCLUDE J-TRIM CAP, INCLUDE OUTSIDE CORNERS

AWT-1 (ACOUSTICAL WALL TREATMENT - OPTOMETRY)

AWT-2 (ACOUSTICAL WALL TREATMENT - OPTOMETRY)
MFR: MAHARAM

AWT-3 (ACOUSTICAL WALL TREATMENT - OPTOMETRY)
MFR: MAHARAM

INSTALLATION METHOD: MONOLITHIC

STYLE: #1 COMMERCIAL STAIR NOSING

RB-1 (RESILIENT BASE - OPTOMETRY)

RB-2 (RESILIENT BASE - WRIGHT EDUCATION)

SEALANT SHALL BE APPLIED AT ALL MATERIAL

AND FIRE EXTINGUISHER CABINETS (U.N.O.).

TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES, ALL

LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR

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INCLUDED IN CONSTRUCTION CONTRACTS. DASHED LINES

(MB) INDICATES 4' HIGH GLASS MARKERBOARD, LENGTH AS

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DO NOT PAINT ANY EXISTING STAINED WOOD TRIM.

MULTI-BUILDING CLASSROOM **UPGRADES**

BL000B - MULTI-BUILDING CLASSROOM UPGRADES

IU PROJECT NO: 20230501

Wendell W. Wright Education Building 201 N Rose Ave, Bloomington, IN 47405

INDIANA UNIVERSITY



ARCHITECT

HOWEY

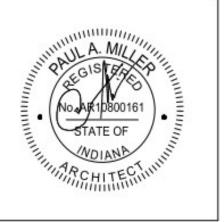
317.848.0966 WWW.FHAI.COM 350 E. NEW YORK STREET SUITE 300, INDIANAPOLIS IN 46204

-S ROSE AVE

KEY PLAN 100% CONSTRUCTION DOCUMENTS

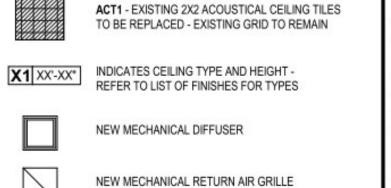
DESCRIPTION

ADDENDUM #1



PROJECT MANAGER: PW

DRAWN BY: AML / HA ACT3 - NEW 2X2 ACOUSTICAL CEILING TILES AND GRID PROJECT NUMBER: 224203.00 PROJECT ISSUE DATE: 03.10.2025



 $\sim\sim\sim\sim\sim\sim\sim$ NEW LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS mmmm

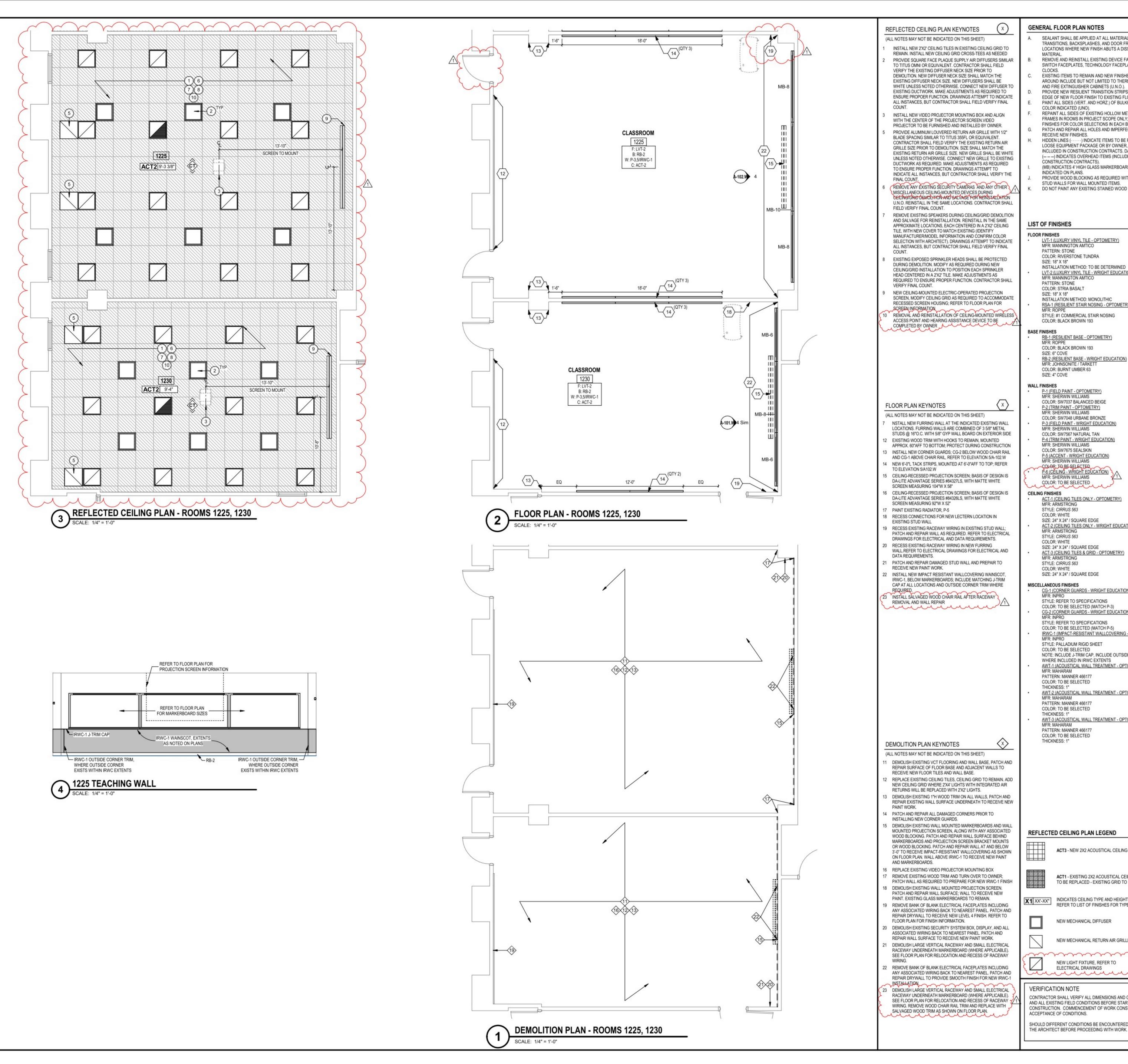
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT

THE ARCHITECT BEFORE PROCEEDING WITH WORK.

ACCEPTANCE OF CONDITIONS.

VERIFICATION NOTE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES

WRIGHT ENLARGED PLANS



MULTI-BUILDING CLASSROOM **UPGRADES**

BL000B - MULTI-BUILDING CLASSROOM UPGRADES

IU PROJECT NO: 20230501

Wendell W. Wright Education Building 201 N Rose Ave, Bloomington, IN 47405

INDIANA UNIVERSITY



ARCHITECT

HOWEY

317.848.0966 WWW.FHAI.COM 350 E. NEW YORK STREET SUITE 300, INDIANAPOLIS IN 46204 S ROSE AVE

ACT-3 (CEILING TILES & GRID - OPTOMETRY) STYLE: CIRRUS 563 COLOR: WHITE SIZE: 24" X 24" / SQUARE EDGE MISCELLANEOUS FINISHES CG-1 (CORNER GUARDS - WRIGHT EDUCATION)

ACT-2 (CEILING TILES ONLY - WRIGHT EDUCATION)

SEALANT SHALL BE APPLIED AT ALL MATERIAL

AND FIRE EXTINGUISHER CABINETS (U.N.O.).

COLOR INDICATED (UNO).

RECEIVE NEW FINISHES.

INDICATED ON PLANS.

PATTERN: STONE

PATTERN: STONE

SIZE: 18" X 18"

COLOR: STRIA BASALT

SIZE: 18" X 18"

CONSTRUCTION CONTRACTS).

STUD WALLS FOR WALL MOUNTED ITEMS.

LVT-1 (LUXURY VINYL TILE - OPTOMETRY)
MFR: MANNINGTON AMTICO

INSTALLATION METHOD: TO BE DETERMINED

LVT-2 (LUXURY VINYL TILE - WRIGHT EDUCATION)

RSA-1 (RESILIENT STAIR NOSING - OPTOMETRY)

COLOR: RIVERSTONE TUNDRA

MFR: MANNINGTON AMTICO

COLOR: BLACK BROWN 193

COLOR: BLACK BROWN 193

COLOR: BURNT UMBER 63

P-1 (FIELD PAINT - OPTOMETRY)
MFR: SHERWIN WILLIAMS

P-2 (TRIM PAINT - OPTOMETRY) MFR: SHERWIN WILLIAMS

MFR: SHERWIN WILLIAMS

MFR: SHERWIN WILLIAM COLOR: SW7675 SEALSKIN

MFR: SHERWIN WILLIAMS

MFR: SHERWIN WILLIAMS

MFR: ARMSTRONG

STYLE: CIRRUS 563

STYLE: CIRRUS 563

COLOR: WHITE

COLOR: WHITE

COLOR: SW7567 NATURAL TAN

COLOR: SW7037 BALANCED BEIGE

COLOR: SW7048 URBANE BRONZE

P-3 (FIELD PAINT - WRIGHT EDUCATION)

P-4 (TRIM PAINT - WRIGHT EDUCATION)

P-5 (ACCENT - WRIGHT EDUCATION)

COLOR: TO BE SELECTED P-6 (CEILING - WRIGHT EDUCATION)

ACT-1 (CEILING TILES ONLY - OPTOMETRY)

COLOR: TO BE SELECTED

SIZE: 24" X 24" / SQUARE EDGE

SIZE: 24" X 24" / SQUARE EDGE

SIZE: 6" COVE

SIZE: 4" COVE

INSTALLATION METHOD: MONOLITHIC

STYLE: #1 COMMERCIAL STAIR NOSING

RB-1 (RESILIENT BASE - OPTOMETRY)
MFR: ROPPE

RB-2 (RESILIENT BASE - WRIGHT EDUCATION)
MFR: JOHNSONITE / TARKETT

TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES. ALL

LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR

REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES, SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND

EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED AROUND INCLUDE BUT NOT LIMITED TO THERMOSTATS

PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED

EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH.

PAINT ALL SIDES (VERT. AND HORZ.) OF BULKHEAD/SOFFIT

REPAINT ALL SIDES OF EXISTING HOLLOW METAL DOOR

FINISHES FOR COLOR SELECTIONS IN EACH BUILDING.

HIDDEN LINES (----) INDICATE ITEMS TO BE PART OF

LOOSE EQUIPMENT PACKAGE OR BY OWNER, NOT

(---) INDICATES OVERHEAD ITEMS (INCLUDED IN

DO NOT PAINT ANY EXISTING STAINED WOOD TRIM.

PATCH AND REPAIR ALL HOLES AND IMPERFECTIONS, TO

INCLUDED IN CONSTRUCTION CONTRACTS. DASHED LINES

(MB) INDICATES 4' HIGH GLASS MARKERBOARD, LENGTH AS

PROVIDE WOOD BLOCKING AS REQUIRED WITHIN METAL

FRAMES IN ROOMS IN PROJECT SCOPE ONLY; SEE LIST OF

STYLE: REFER TO SPECIFICATIONS COLOR: TO BE SELECTED (MATCH P-3) CG-2 (CORNER GUARDS - WRIGHT EDUCATION) STYLE: REFER TO SPECIFICATIONS COLOR: TO BE SELECTED (MATCH P-5)

IRWC-1 (IMPACT-RESISTANT WALLCOVERING - WRIGHT ED)
MFR: INPRO STYLE: PALLADIUM RIGID SHEET COLOR: TO BE SELECTED NOTE: INCLUDE J-TRIM CAP, INCLUDE OUTSIDE CORNERS WHERE INCLUDED IN IRWC EXTENTS AWT-1 (ACOUSTICAL WALL TREATMENT - OPTOMETRY) MFR: MAHARAM PATTERN: MANNER 466177 COLOR: TO BE SELECTED

THICKNESS: 1" AWT-2 (ACOUSTICAL WALL TREATMENT - OPTOMETRY) MFR: MAHARAM PATTERN: MANNER 466177 COLOR: TO BE SELECTED THICKNESS: 1"

MFR: MAHARAM

THICKNESS: 1"

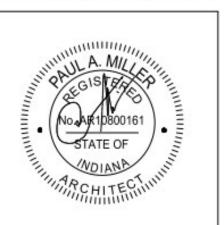
PATTERN: MANNER 466177

COLOR: TO BE SELECTED

AWT-3 (ACOUSTICAL WALL TREATMENT - OPTOMETRY)

KEY PLAN

100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: PW DRAWN BY: AML / HA ACT3 - NEW 2X2 ACOUSTICAL CEILING TILES AND GRID PROJECT NUMBER: 224203.00

PROJECT ISSUE DATE: 03.10.2025 DESCRIPTION ADDENDUM #1

X1 XX'-XX" INDICATES CEILING TYPE AND HEIGHT REFER TO LIST OF FINISHES FOR TYPES NEW MECHANICAL RETURN AIR GRILLE $\sim\sim\sim\sim\sim\sim\sim\sim$ NEW LIGHT FIXTURE, REFER TO mmmm

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT

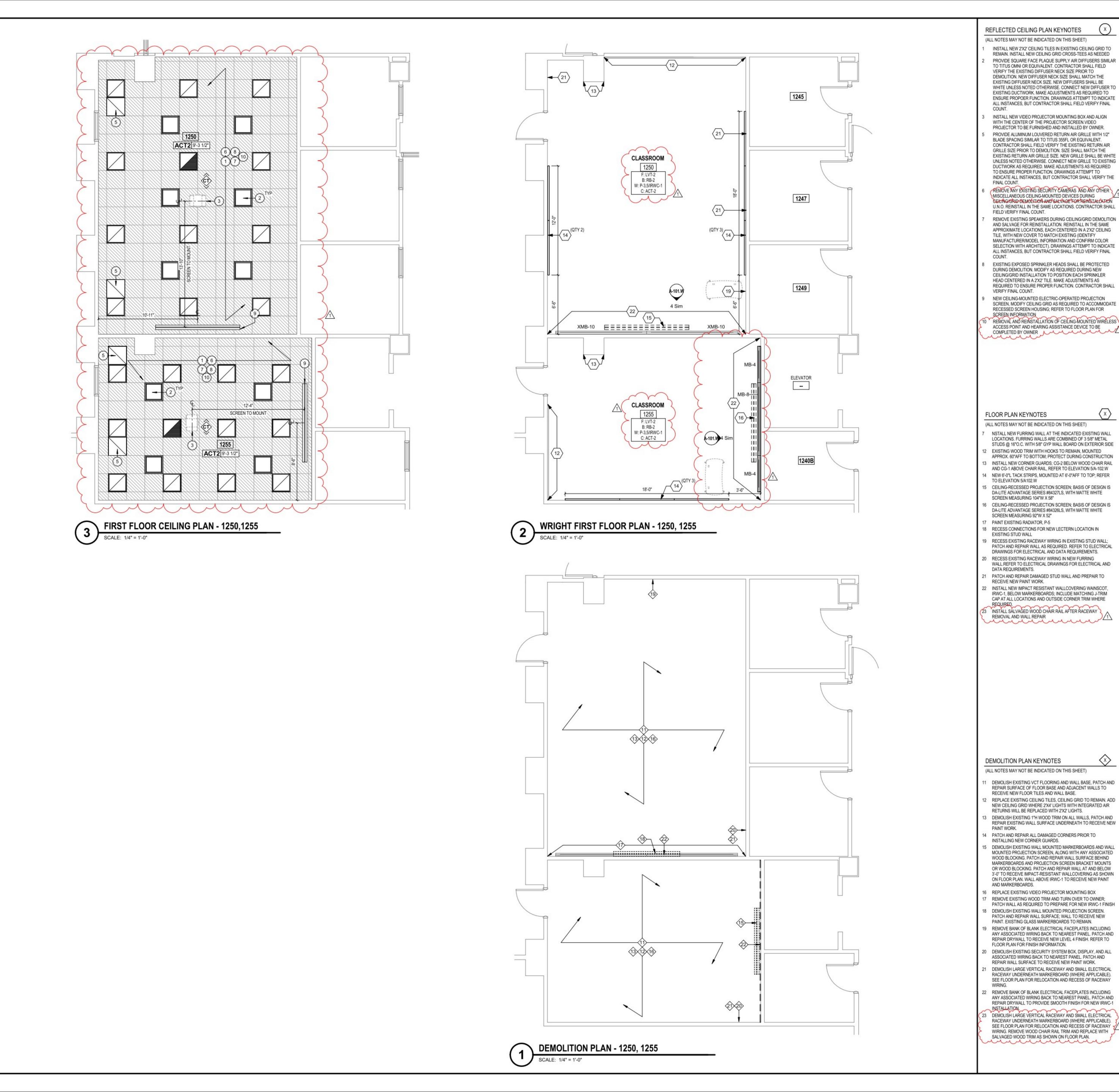
NEW MECHANICAL DIFFUSER

ELECTRICAL DRAWINGS

ACT1 - EXISTING 2X2 ACOUSTICAL CEILING TILES

TO BE REPLACED - EXISTING GRID TO REMAIN

WRIGHT ENLARGED PLANS



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BL000B - MULTI-BUILDING CLASSROOM UPGRADES IU PROJECT NO: 20230501

MULTI-BUILDING CLASSROOM **UPGRADES**

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INDIANA UNIVERSITY



ARCHITECT

HOWEY

350 E. NEW YORK STREET SUITE 300, INDIANAPOLIS IN 46204

317.848.0966 WWW.FHAI.COM

S ROSE AVE

COLOR: WHITE SIZE: 24" X 24" / SQUARE EDGE ACT-2 (CEILING TILES ONLY - WRIGHT EDUCATION) MFR: ARMSTRONG STYLE: CIRRUS 563

COLOR: WHITE SIZE: 24" X 24" / SQUARE EDGE ACT-3 (CEILING TILES & GRID - OPTOMETRY) MFR: ARMSTRONG STYLE: CIRRUS 563

GENERAL FLOOR PLAN NOTES

COLOR INDICATED (UNO).

RECEIVE NEW FINISHES.

INDICATED ON PLANS.

LIST OF FINISHES

PATTERN: STONE

PATTERN: STONE

SIZE: 18" X 18"

SIZE: 6" COVE

SIZE: 4" COVE

WALL FINISHES

CEILING FINISHES

COLOR: STRIA BASALT

SIZE: 18" X 18"

FLOOR FINISHES

CONSTRUCTION CONTRACTS).

STUD WALLS FOR WALL MOUNTED ITEMS.

LVT-1 (LUXURY VINYL TILE - OPTOMETRY)
MFR: MANNINGTON AMTICO

INSTALLATION METHOD: TO BE DETERMINED

INSTALLATION METHOD: MONOLITHIC

STYLE: #1 COMMERCIAL STAIR NOSING

RB-1 (RESILIENT BASE - OPTOMETRY)

RB-2 (RESILIENT BASE - WRIGHT EDUCATION)
MFR: JOHNSONITE / TARKETT

COLOR: BLACK BROWN 193

COLOR: BLACK BROWN 193

COLOR: BURNT UMBER 63

P-1 (FIELD PAINT - OPTOMETRY)
MFR: SHERWIN WILLIAMS

P-2 (TRIM PAINT - OPTOMETRY) MFR: SHERWIN WILLIAMS

MFR: SHERWIN WILLIAMS COLOR: SW7567 NATURAL TAN

COLOR: SW7675 SEALSKIN

MFR: SHERWIN WILLIAMS

MFR: SHERWIN WILLIAMS

COLOR: TO BE SELECTED

MFR: ARMSTRONG STYLE: CIRRUS 563

COLOR: SW7037 BALANCED BEIGE

COLOR: SW7048 URBANE BRONZE

P-3 (FIELD PAINT - WRIGHT EDUCATION)

P-4 (TRIM PAINT - WRIGHT EDUCATION)

P-5 (ACCENT - WRIGHT EDUCATION)

COLOR: TO BE SELECTED
P-6 (CEILING - WRIGHT EDUCATION)

ACT-1 (CEILING TILES ONLY - OPTOMETRY)

LVT-2 (LUXURY VINYL TILE - WRIGHT EDUCATION)

RSA-1 (RESILIENT STAIR NOSING - OPTOMETRY)

COLOR: RIVERSTONE TUNDRA

TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES. ALL

LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR

SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND

EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED

PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED

EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH.

PAINT ALL SIDES (VERT. AND HORZ.) OF BULKHEAD/SOFFIT

REPAINT ALL SIDES OF EXISTING HOLLOW METAL DOOR

FINISHES FOR COLOR SELECTIONS IN EACH BUILDING.

HIDDEN LINES (----) INDICATE ITEMS TO BE PART OF

LOOSE EQUIPMENT PACKAGE OR BY OWNER, NOT

(---) INDICATES OVERHEAD ITEMS (INCLUDED IN

PATCH AND REPAIR ALL HOLES AND IMPERFECTIONS, TO

INCLUDED IN CONSTRUCTION CONTRACTS. DASHED LINES

(MB) INDICATES 4' HIGH GLASS MARKERBOARD, LENGTH AS

PROVIDE WOOD BLOCKING AS REQUIRED WITHIN METAL

DO NOT PAINT ANY EXISTING STAINED WOOD TRIM.

FRAMES IN ROOMS IN PROJECT SCOPE ONLY; SEE LIST OF

AROUND INCLUDE BUT NOT LIMITED TO THERMOSTATS

REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES,

AND FIRE EXTINGUISHER CABINETS (U.N.O.).

COLOR: WHITE SIZE: 24" X 24" / SQUARE EDGE

MISCELLANEOUS FINISHES CG-1 (CORNER GUARDS - WRIGHT EDUCATION)
MFR: INPRO STYLE: REFER TO SPECIFICATIONS COLOR: TO BE SELECTED (MATCH P-3) CG-2 (CORNER GUARDS - WRIGHT EDUCATION)

STYLE: REFER TO SPECIFICATIONS COLOR: TO BE SELECTED (MATCH P-5) IRWC-1 (IMPACT-RESISTANT WALLCOVERING - WRIGHT ED)
MFR: INPRO STYLE: PALLADIUM RIGID SHEET COLOR: TO BE SELECTED WHERE INCLUDED IN IRWC EXTENTS

NOTE: INCLUDE J-TRIM CAP, INCLUDE OUTSIDE CORNERS AWT-1 (ACOUSTICAL WALL TREATMENT - OPTOMETRY) MFR: MAHARAM PATTERN: MANNER 466177 COLOR: TO BE SELECTED THICKNESS: 1" AWT-2 (ACOUSTICAL WALL TREATMENT - OPTOMETRY)

MFR: MAHARAM PATTERN: MANNER 466177 COLOR: TO BE SELECTED THICKNESS: 1" AWT-3 (ACOUSTICAL WALL TREATMENT - OPTOMETRY)

PATTERN: MANNER 466177

COLOR: TO BE SELECTED

THICKNESS: 1*

KEY PLAN

100% CONSTRUCTION DOCUMENTS

PROJECT MANAGER: PW

PROJECT NUMBER: 224203.00

PROJECT ISSUE DATE: 03.10.2025

ADDENDUM #1

DESCRIPTION

DRAWN BY: AML / HA

REFLECTED CEILING PLAN LEGEND

ACT3 - NEW 2X2 ACOUSTICAL CEILING TILES AND GRID

ACT1 - EXISTING 2X2 ACOUSTICAL CEILING TILES TO BE REPLACED - EXISTING GRID TO REMAIN

X1 XX'-XX* INDICATES CEILING TYPE AND HEIGHT -REFER TO LIST OF FINISHES FOR TYPES

NEW MECHANICAL DIFFUSER

NEW MECHANICAL RETURN AIR GRILLE

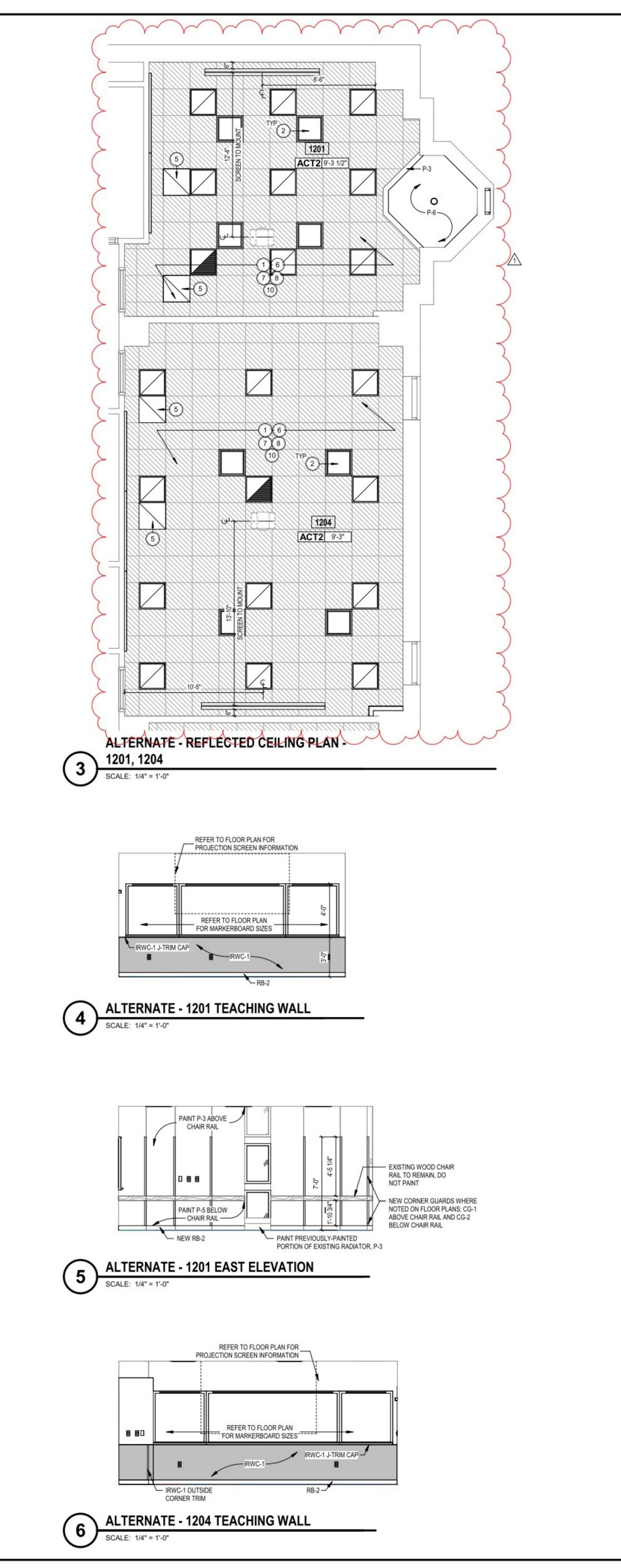
 \sim NEW LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS mmmm

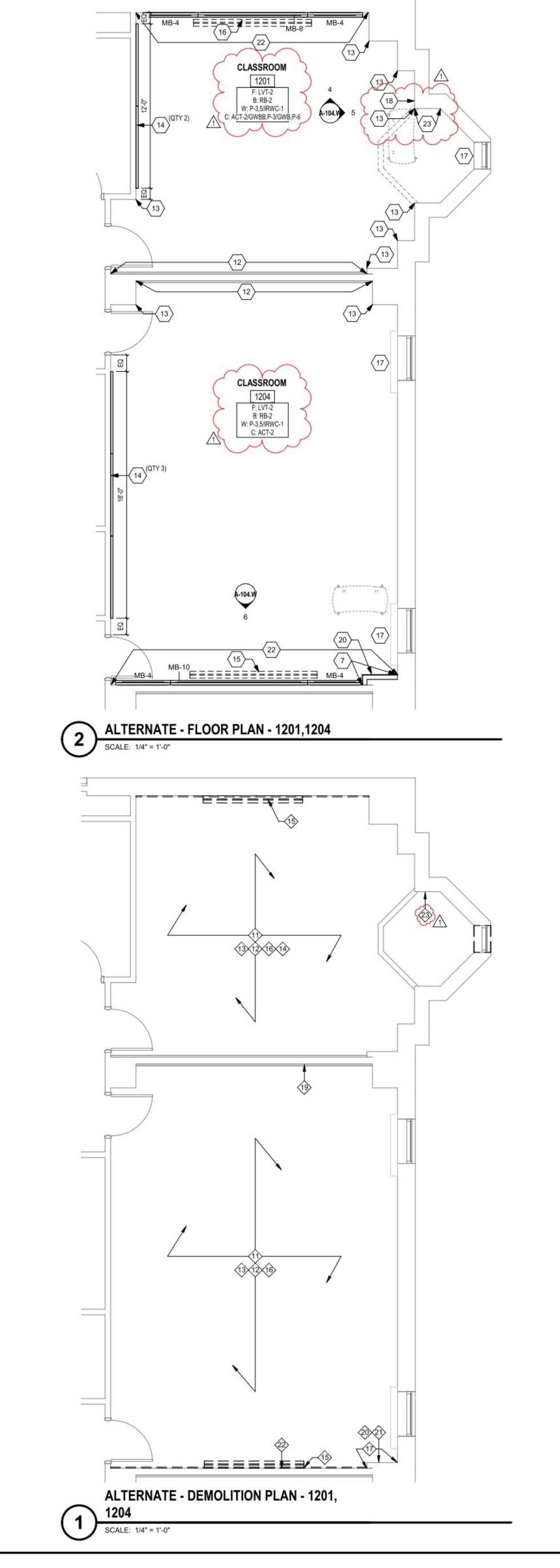
VERIFICATION NOTE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT

THE ARCHITECT BEFORE PROCEEDING WITH WORK.

WRIGHT ENLARGED PLANS





REFLECTED CEILING PLAN KEYNOTES (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET) INSTALL NEW 2'X2' CEILING TILES IN EXISTING CEILING GRID TO REMAIN. INSTALL NEW CEILING GRID CROSS-TEES AS NEEDED

- GENERAL FLOOR PLAN NOTES SEALANT SHALL BE APPLIED AT ALL MATERIAL PROVIDE SQUARE FACE PLAQUE SUPPLY AIR DIFFUSERS SIMILAR TO TITUS OMNI OR EQUIVALENT. CONTRACTOR SHALL FIELD
 - TRANSITIONS, BACKSPLASHES, AND DOOR FRAMES. ALL LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR

 - REMOVE AND REINSTALL EXISTING DEVICE FACEPLATES, SWITCH FACEPLATES, TECHNOLOGY FACEPLATES, AND AND FIRE EXTINGUISHER CABINETS (U.N.O.).
- EXISTING ITEMS TO REMAIN AND NEW FINISHES APPLIED AROUND INCLUDE BUT NOT LIMITED TO THERMOSTATS WHITE UNLESS NOTED OTHERWISE, CONNECT NEW DIFFUSER TO PROVIDE NEW RESILIENT TRANSITION STRIPS AT EXPOSED EDGE OF NEW FLOOR FINISH TO EXISTING FLOOR FINISH. ENSURE PROPOER FUNCTION. DRAWINGS ATTEMPT TO INDICATE PAINT ALL SIDES (VERT. AND HORZ.) OF BULKHEAD/SOFFIT COLOR INDICATED (UNO).
 - REPAINT ALL SIDES OF EXISTING HOLLOW METAL DOOR FRAMES IN ROOMS IN PROJECT SCOPE ONLY; SEE LIST OF FINISHES FOR COLOR SELECTIONS IN EACH BUILDING. PATCH AND REPAIR ALL HOLES AND IMPERFECTIONS, TO RECEIVE NEW FINISHES. LOOSE EQUIPMENT PACKAGE OR BY OWNER, NOT
 - HIDDEN LINES (----) INDICATE ITEMS TO BE PART OF INCLUDED IN CONSTRUCTION CONTRACTS. DASHED LINES (---) INDICATES OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS). (MB) INDICATES 4' HIGH GLASS MARKERBOARD, LENGTH AS INDICATED ON PLANS. PROVIDE WOOD BLOCKING AS REQUIRED WITHIN METAL
 - STUD WALLS FOR WALL MOUNTED ITEMS. DO NOT PAINT ANY EXISTING STAINED WOOD TRIM.

LIST OF FINISHES

FLOOR FINISHES LVT-1 (LUXURY VINYL TILE - OPTOMETRY) MFR: MANNINGTON AMTICO

PATTERN: STONE COLOR: RIVERSTONE TUNDRA SIZE: 18" X 18" INSTALLATION METHOD: TO BE DETERMINED LVT-2 (LUXURY VINYL TILE - WRIGHT EDUCATION) MFR: MANNINGTON AMTICO PATTERN: STONE COLOR: STRIA BASALT

SIZE: 18" X 18" INSTALLATION METHOD: MONOLITHIC RSA-1 (RESILIENT STAIR NOSING - OPTOMETRY) STYLE: #1 COMMERCIAL STAIR NOSING COLOR: BLACK BROWN 193

RB-1 (RESILIENT BASE - OPTOMETRY) MFR: ROPPE

COLOR: BLACK BROWN 193 SIZE: 6" COVE RB-2 (RESILIENT BASE - WRIGHT EDUCATION) MFR: JOHNSONITE / TARKET COLOR: BURNT UMBER 63

SIZE: 4" COVE P-1 (FIELD PAINT - OPTOMETRY) MFR: SHERWIN WILLIAMS

COLOR: SW7037 BALANCED BEIGE P-2 (TRIM PAINT - OPTOMETRY) MFR: SHERWIN WILLIAMS COLOR: SW7048 URBANE BRONZE P-3 (FIELD PAINT - WRIGHT EDUCATION) MFR: SHERWIN WILLIAMS COLOR: SW7567 NATURAL TAN

COLOR: TO BE SELECTED

SIZE: 24" X 24" / SQUARE EDGE

SIZE: 24" X 24" / SQUARE EDGE

MFR: ARMSTRONG

COLOR: WHITE

STYLE: CIRRUS 563

STYLE: CIRRUS 563

MFR: ARMSTRONG

STYLE: CIRRUS 563

COLOR: WHITE

MFR: MAHARAM

THICKNESS: 1*

PATTERN: MANNER 466177

COLOR: TO BE SELECTED

COLOR: WHITE

ACT-1 (CEILING TILES ONLY - OPTOMETRY)

ACT-2 (CEILING TILES ONLY - WRIGHT EDUCATION)
MFR: ARMSTRONG

ACT-3 (CEILING TILES & GRID - OPTOMETRY)

CEILING FINISHES

P-4 (TRIM PAINT - WRIGHT EDUCATION) 2 EXISTING WOOD TRIM WITH HOOKS TO REMAIN, MOUNTED APPROX. 60"AFF TO BOTTOM; PROTECT DURING CONSTRUCTION COLOR: SW7675 SEALSKIN INSTALL NEW CORNER GUARDS; CG-2 BELOW WOOD CHAIR RAIL P-5 (ACCENT - WRIGHT EDUCATION) AND CG-1 ABOVE CHAIR RAIL, REFER TO ELEVATION 5/A-102.W MFR: SHERWIN WILLIAMS 4 NEW 6'-0"L TACK STRIPS, MOUNTED AT 6'-0"AFF TO TOP; REFER COLOR: TO BE SELECTED P-6 (CÉILING - WRIGHT EDUCATION) 5 CEILING-RECESSED PROJECTION SCREEN; BASIS OF DESIGN IS MFR: SHERWIN WILLIAMS

SCREEN MEASURING 104"W X 58" 6 CEILING-RECESSED PROJECTION SCREEN; BASIS OF DESIGN IS DA-LITE ADVANTAGE SERIES #84326LS, WITH MATTE WHITE SCREEN MEASURING 92"W X 52"

DA-LITE ADVANTAGE SERIES #84327LS, WITH MATTE WHITE

VERIFY THE EXISTING DIFFUSER NECK SIZE PRIOR TO

DEMOLITION. NEW DIFFUSER NECK SIZE SHALL MATCH THE

EXISTING DIFFUSER NECK SIZE. NEW DIFFUSERS SHALL BE

EXISTING DUCTWORK. MAKE ADJUSTMENTS AS REQUIRED TO

ALL INSTANCES, BUT CONTRACTOR SHALL FIELD VERIFY FINAL

INSTALL NEW VIDEO PROJECTOR MOUNTING BOX AND ALIGN

PROVIDE ALUMINUM LOUVERED RETURN AIR GRILLE WITH 1/2"

CONTRACTOR SHALL FIELD VERIFY THE EXISTING RETURN AIR

GRILLE SIZE PRIOR TO DEMOLITION. SIZE SHALL MATCH THE

EXISTING RETURN AIR GRILLE SIZE. NEW GRILLE SHALL BE WHITE

UNLESS NOTED OTHERWISE. CONNECT NEW GRILLE TO EXISTING

INDICATE ALL INSTANCES, BUT CONTRACTOR SHALL VERIFY THE

REMOVE ANY EXISTING SECURITY CAMERAS AND ANY OTHER

MISCELLANEOUS CEILING-MOUNTED DEVICES DURING
CEILING GRID DEMOLITION AND SALVAGE FOR REINSTALLATION

U.N.O. REINSTALL IN THE SAME LOCATIONS. CONTRACTOR SHALL

REMOVE EXISTING SPEAKERS DURING CEILING/GRID DEMOLITION AND SALVAGE FOR REINSTALLATION. REINSTALL IN THE SAME

APPROXIMATE LOCATIONS, EACH CENTERED IN A 2'X2' CEILING TILE, WITH NEW COVER TO MATCH EXISTING (IDENTIFY

MANUFACTURER/MODEL INFORMATION AND CONFIRM COLOR

EXISTING EXPOSED SPRINKLER HEADS SHALL BE PROTECTED

DURING DEMOLITION. MODIFY AS REQUIRED DURING NEW

HEAD CENTERED IN A 2'X2' TILE. MAKE ADJUSTMENTS AS

CEILING/GRID INSTALLATION TO POSITION EACH SPRINKLER

NEW CEILING-MOUNTED ELECTRIC-OPERATED PROJECTION

RECESSED SCREEN HOUSING; REFER TO FLOOR PLAN FOR

SCREEN INFORMATION

REQUIRED TO ENSURE PROPER FUNCTION. CONTRACTOR SHALL

SCREEN, MODIFY CEILING GRID AS REQUIRED TO ACCOMMODATE

REMOVAL AND REINSTALLATION OF CEILING-MOUNTED WIRELESS

ACCESS POINT AND HEARING ASSISTANCE DEVICE TO BE COMPLETED BY OWNER

SELECTION WITH ARCHITECT). DRAWINGS ATTEMPT TO INDICATE ALL INSTANCES, BUT CONTRACTOR SHALL FIELD VERIFY FINAL

DUCTWORK AS REQUIRED. MAKE ADJUSTMENTS AS REQUIRED

TO ENSURE PROPER FUNCTION. DRAWINGS ATTEMPT TO

FINAL COUNT.

FIELD VERIFY FINAL COUNT.

VERIFY FINAL COUNT.

FLOOR PLAN KEYNOTES

TO ELEVATION 5/A102.W

WITH THE CENTER OF THE PROJECTOR SCREEN.VIDEO

PROJECTOR TO BE FURNISHED AND INSTALLED BY OWNER.

BLADE SPACING SIMILAR TO TITUS 355FL OR EQUIVALENT.

PAINT EXISTING RADIATOR, P-5

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

NSTALL NEW FURRING WALL AT THE INDICATED EXISTING WALL LOCATIONS. FURRING WALLS ARE COMBINED OF 3 5/8" METAL

STUDS @ 16"O.C. WITH 5/8" GYP WALL BOARD ON EXTERIOR SIDE

18 RECESS CONNECTIONS FOR NEW LECTERN LOCATION IN EXISTING STUD WALL RECESS EXISTING RACEWAY WIRING IN EXISTING STUD WALL;

DRAWINGS FOR ELECTRICAL AND DATA REQUIREMENTS. RECESS EXISTING RACEWAY WIRING IN NEW FURRING WALL.REFER TO ELECTRICAL DRAWINGS FOR ELECTRICAL AND DATA REQUIREMENTS.

PATCH AND REPAIR WALL AS REQUIRED. REFER TO ELECTRICAL

PATCH AND REPAIR DAMAGED STUD WALL AND PREPAIR TO RECEIVE NEW PAINT WORK. INSTALL NEW IMPACT RESISTANT WALLCOVERING WAINSCOT, IRWC-1, BELOW MARKERBOARDS; INCLUDE MATCHING J-TRIM CAP AT ALL LOCATIONS AND OUTSIDE CORNER TRIM WHERE

INSTALL SALVAGED WOOD CHAIR RAIL AFTER RACEWAY

REMOVAL AND WALL REPAIR

DEMOLITION PLAN KEYNOTES

INSTALLING NEW CORNER GUARDS.

PAINT WORK.

AND MARKERBOARDS.

INSTALLATION.

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

RECEIVE NEW FLOOR TILES AND WALL BASE.

RETURNS WILL BE REPLACED WITH 2'X2' LIGHTS.

PATCH AND REPAIR ALL DAMAGED CORNERS PRIOR TO

REPLACE EXISTING VIDEO PROJECTOR MOUNTING BOX

REMOVE EXISTING WOOD TRIM AND TURN OVER TO OWNER:

DEMOLISH EXISTING WALL MOUNTED PROJECTION SCREEN PATCH AND REPAIR WALL SURFACE; WALL TO RECEIVE NEW

REMOVE BANK OF BLANK ELECTRICAL FACEPLATES INCLUDING

ANY ASSOCIATED WIRING BACK TO NEAREST PANEL. PATCH AND REPAIR DRYWALL TO RECEIVE NEW LEVEL 4 FINISH. REFER TO

DEMOLISH EXISTING SECURITY SYSTEM BOX, DISPLAY, AND ALL ASSOCIATED WIRING BACK TO NEAREST PANEL. PATCH AND

SEE FLOOR PLAN FOR RELOCATION AND RECESS OF RACEWAY

REMOVE BANK OF BLANK ELECTRICAL FACEPLATES INCLUDING

ANY ASSOCIATED WIRING BACK TO NEAREST PANEL. PATCH AND REPAIR DRYWALL TO PROVIDE SMOOTH FINISH FOR NEW IRWC-1

DEMOLISH LARGE VERTICAL RACEWAY AND SMALL ELECTRICAL

RACEWAY UNDERNEATH MARKERBOARD (WHERE APPLICABLE).

WIRING. REMOVE WOOD CHAIR RAIL TRIM AND REPLACE WITH

SALVAGED WOOD TRIM AS SHOWN ON FLOOR PLAN. munumun.

SEE FLOOR PLAN FOR RELOCATION AND RECESS OF RACEWAY

REPAIR WALL SURFACE TO RECEIVE NEW PAINT WORK. DEMOLISH LARGE VERTICAL RACEWAY AND SMALL ELECTRICAL RACEWAY UNDERNEATH MARKERBOARD (WHERE APPLICABLE).

PAINT. EXISTING GLASS MARKERBOARDS TO REMAIN.

FLOOR PLAN FOR FINISH INFORMATION.

DEMOLISH EXISTING VCT FLOORING AND WALL BASE, PATCH AND REPAIR SURFACE OF FLOOR BASE AND ADJACENT WALLS TO

REPLACE EXISTING CEILING TILES, CEILING GRID TO REMAIN, ADD

NEW CEILING GRID WHERE 2'X4' LIGHTS WITH INTEGRATED AIR

DEMOLISH EXISTING 1"H WOOD TRIM ON ALL WALLS, PATCH AND REPAIR EXISTING WALL SURFACE UNDERNEATH TO RECEIVE NEW

DEMOLISH EXISTING WALL MOUNTED MARKERBOARDS AND WALL

MOUNTED PROJECTION SCREEN, ALONG WITH ANY ASSOCIATED

WOOD BLOCKING. PATCH AND REPAIR WALL SURFACE BEHIND

MARKERBOARDS AND PROJECTION SCREEN BRACKET MOUNTS OR WOOD BLOCKING. PATCH AND REPAIR WALL AT AND BELOW

3'-0" TO RECEIVE IMPACT-RESISTANT WALLCOVERING AS SHOWN ON FLOOR PLAN. WALL ABOVE IRWC-1 TO RECEIVE NEW PAINT

PATCH WALL AS REQUIRED TO PREPARE FOR NEW IRWC-1 FINISH

SIZE: 24" X 24" / SQUARE EDGE MISCELLANEOUS FINISHES CG-1 (CORNER GUARDS - WRIGHT EDUCATION) STYLE: REFER TO SPECIFICATIONS COLOR: TO BE SELECTED (MATCH P-3)

CG-2 (CORNER GUARDS - WRIGHT EDUCATION) STYLE: REFER TO SPECIFICATIONS COLOR: TO BE SELECTED (MATCH P-5) IRWC-1 (IMPACT-RESISTANT WALLCOVERING - WRIGHT ED) MFR: INPRO STYLE: PALLADIUM RIGID SHEET COLOR: TO BE SELECTED

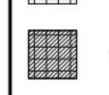
NOTE: INCLUDE J-TRIM CAP, INCLUDE OUTSIDE CORNERS WHERE INCLUDED IN IRWC EXTENTS AWT-1 (ACOUSTICAL WALL TREATMENT - OPTOMETRY) MFR: MAHARAM PATTERN: MANNER 466177 COLOR: TO BE SELECTED

THICKNESS: 1" AWT-2 (ACOUSTICAL WALL TREATMENT - OPTOMETRY) MFR: MAHARAM PATTERN: MANNER 466177 COLOR: TO BE SELECTED

AWT-3 (ACOUSTICAL WALL TREATMENT - OPTOMETRY)

REFLECTED CEILING PLAN LEGEND

ACT3 - NEW 2X2 ACOUSTICAL CEILING TILES AND GRID



ACT1 - EXISTING 2X2 ACOUSTICAL CEILING TILES TO BE REPLACED - EXISTING GRID TO REMAIN

X1 XX'-XX" INDICATES CEILING TYPE AND HEIGHT -REFER TO LIST OF FINISHES FOR TYPES

NEW MECHANICAL DIFFUSER

NEW MECHANICAL RETURN AIR GRILLE \sim NEW LIGHT FIXTURE, REFER TO

ELECTRICAL DRAWINGS

mmmm

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT

THE ARCHITECT BEFORE PROCEEDING WITH WORK.

WRIGHT ENLARGED PLANS -ALTERNATE

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BL000B - MULTI-BUILDING CLASSROOM UPGRADES

IU PROJECT NO: 20230501

Wendell W. Wright Education Building 201 N Rose Ave, Bloomington, IN 47405

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S ROSE AVE

KEY PLAN

100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: PW DRAWN BY: AML / HA PROJECT NUMBER: 224203.00 PROJECT ISSUE DATE: 03.10.2025

DESCRIPTION ADDENDUM #1

	LUMINAIRE SCHEDULE							
		45 100 700 0000 0 4000	LAMPS		Annual visual de la company	0 0000000000000000000000000000000000000		
PLAN TYPE	MANUFACTURER/CATALOG	MOUNTING	NO.	WATTS	TYPE	LUMENS	DESCRIPTION	VA LOAD
	GOTHAM EVO SERIES PRESCOLITE LC6SL SERIES H.E. WILLIAMS 6DR SERIES PORTFOLIO LD6A SERIES	RECESSED	1	15 W	LED	1500 lm	6-INCH ROUND APERTURE LED DOWNLIGHT, OPEN REFLECTOR WIDE BEAM SPREAD, SELF-FLANGE, CLEAR SPECULAR. 0-10V DIMMING, 3500K, 85+ CRI, MVOLT DRIVER.	15 VA
~~~	PHILIPS LIGHTOLIER COL SERIES	~~			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\			$\sim$
LT1	MARK ARCHITECTURAL LIGHTING SLOT 4 SERIES LUMENWERX VIA 4 SERIES OR A/E APPROVED EQUAL	RECESSED	1	24 W	LED	2000 lm	4-FOOT LED LINEAR WALL WASH FIXTURE, 90 CRI, 3500K, 0-10VDC 1% DIMMING. PROVIDE 120V OR 277V DRIVER AS REQUIRED.	24 VA
<u> </u>	LITHOMA BLT SERIES EATON METALUX CRUZE ST SERIES COLUMBIA LCAT SERIES HE WILLIAMS LT SERIES	RECESSED		25 W	FED	8000 Im	2 BY 2 FOOT VOLOMETRIC LED WITH ACRYLIC CURVED SMOOTH DIFFUSER, 85+ CRI, 3500K, 0-10VDC DIMMING, MVOLT DRIVER.	25 VA ~
	LITHONIA BLT SERIES EATON METALUX CRUZE ST SERIES COLUMBIA LCAT SERIES HE WILLIAMS LT SERIES	RECESSED	1	25 W	LED	3000 lm	2 BY 2-FOOT VOLUMETRIC LED WITH ACRYLIC CURVED SMOOTH DIFFUSER, 85+ CRI, 3500K, 0-10VDC DIMMING, MVOLT DRIVER. PROVIDE WITH EMERGENCY TRANSFER DEVICE.	25 VA

	POWER SYMBOLS				
SYMBOL	DESCRIPTION				
	CONDUIT CONCEALED ABOVE CEILING OR IN WALL	BOTTOM_			
	CONDUIT CONCEALED IN OR BELOW FLOOR, OR UNDER GROUND				
∆ X 1AL1-1	20 AMP, 125 VOLT, NEMA 5-20R DUPLEX RECEPTACLE WITH COMMON COVER PLATE MOUNTED VERTICALLY +16° TO BOTTOM. LETTER(S) IN FRONT INDICATES LOAD TYPE, SEE BELOW. SINGLE LINE INDICATES HORIZONTAL MOUNTING, DOUBLE LINE INDICATE QUAD, DARK CENTER INDICATES ABOVE COUNTERTOP MOUNTING (44°) NEMA 5-20R, UNO. CIRCUIT NUMBER (e.g. "1AL1-1") ADJACENT TO THE SYMBOL ON PLANS INDICATES PANELBOARD/CIRCUIT NUMBER SERVING RECEPTACLE, UNO.  B RECEPTACLE WITH 20 AMP SINGLE POLE SWITCH IN 2 GANG BOX AND COMMON COVER PLATE C CASEWORK, COORDINATE WITH ARCHITECTURAL CO COPY MACHINE CM COFFEE MAKER E RED RECEPTACLE AND STAINLESS COVER PLATE, CONNECT TO BACKUP POWER GF GROUND FAULT CIRCUIT INTERRUPTING TYPE I ISOLATED GROUND M MONTOR - 60° AFF MW MICROWAVE R REFRIGERATOR - 48° AFF TL TWIST LOCK TR TAMPER RESISTANT U DUPLEX RECEPTACLE WITH (2) USB PORTS UR UNDER COUNTER REFRIGERATOR V VENDING MACHINE, FEED FROM 30 mA GFCI BREAKER IN PANELBOARD. VP WALL MOUNTED VIDEO PROJECTOR, 96° AFF UNO WB WHITEBOARD WC ELECTRIC WATER COOLER, FEED FROM 5 mA GFCI BREAKER IN PANELBOARD. WF WASHFOUNTAIN/LAVATORY. CONNECT TO NEAREST THROUGH FEED GFCI RECEPTACLE. WM WASHING MACHINE, FEED FROM 30 mA GFCI BREAKER IN PANELBOARD. WP WEATHER RESISTANT GFCI WITH IN-USE TYPE WEATHERPROOF COVER HINGED AT TOP X EXPLOSION PROOF				
0	20 AMP DUPLEX RECEPTACLE FLUSH CEILING MOUNTED , NEMA 5-20R	CLG			

LIGHTING SYMBOLS			
SYMBOL	DESCRIPTION	мн	
\$	OCCUPANCY SENSOR - CEILING MOUNTED, DUAL TECHNOLOGY, 360 DEGREE PATTERN, 2000 S.F. COVERAGE. PROVIDE WITH RELAY OPTION. 'A" PORTION OF SYMBOL INDICATES AIMING OF ULTRASONIC SENSORS.	CLG	
<del>- 69-</del> 3	SWITCH, NUMBER INDICATES NUMBER OF POLES, 277V, 20A, FLUSH UNO	44"	
√a \	SINGLE POLE SWITCH, 277V, 20A, FLUSH UNO TYPICAL, SUBSCRIPT a, b, c INDICATES WHICH	44"	
<del>«</del> D	WALL BOX DIMMER 277V, 1200 WATT MINIMUM, FLUSH, 0-10V, ADJUSTABLE HIGH AND LOW END TRIM SETTINGS, ROCKER ON/OFF AND SLIDE DIMMER STYLE FULL RANGE DIMMING WITH INDICATION, NO LEAKAGE TO LOAD IN OFF MODE, SOFT ON AND FADE OFF.	44"	
Ø	DOWNLIGHT LOMINAIRE, APPROXIMATE SIZE INDICATED	·-	
•	DOWNLIGHT LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	-	
$\overrightarrow{\otimes}$	WALL MOUNTED EXIT SIGN, DIRECTIONAL ARROWS AS SHOWN	96"	
	EMERGENCY LIGHTING UNIT WITH 2 HEADS AND BATTERY	76"	
	RECESSED LUMINAIRE, APPROXIMATE SIZE INDICATED. ("NL", INDICATES NIGHT LIGHT FIXTURES)	CLG	
	RECESSED LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	CLG	
	SURFACE OR PENDANT MOUNTED LUMINAIRE, APPROXIMATE SIZE INDICATED	CLG	
	SURFACE OR PENDANT MOUNTED LUMINAIRE CONNECTED TO EMERGENCY SYSTEM AS INDICATED	CLG	

FIRE ALARM SYMBOLS		
SYMBOL	DESCRIPTION	МН
P	ROUND INDICATES CEILING MOUNTED, SQUARE INDICATES DUCT MOUNTED, PHOTOELECTRIC SMOKE DETECTOR	CLG
<u>s</u>	VOICE/ALARM COMMUNICATION AUDIBLE AND VISIBLE NOTIFICATION DEVICE (SPEAKER/STROBE), CEILING MOUNTED, EXTRA LINE INDICATES WALL MOUNTING AT 80" AFF	CLG

ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AS REQUIRED AUTOMATIC TRANSFER SWITCH AMERICAN WIRE GAUGE AUDIO VISUAL

ATS A/V

CLG CAM DPST

ETR

FBO

K/O

MC/ER

MDP

MOCP

MSB

MTD

MTG

NTS

SIG

EX

## **ELECTRICAL ABBREVIATIONS**

ABBREVIATIONS USED ON THE CONTRACT DOCUMENTS, INCLUDE BUT ARE NOT LIMITED TO THOSE LISTED BELOW

NUMBER OF POLES, NUMBER OF WIRES AMPERE INTERRUPTING CAPACITY ADDRESSABLE INTERFACE DEVICE

BLANK

CONDUIT (GENERIC TERM FOR RACEWAY, PROVIDE AS SPECIFIED) CANDELA CEILING MOUNTED CAMERA DIRECT CURRENT DEDICATED DEVICE ON INDIVIDUAL BRANCH CIRCUIT DIAMETER

DOUBLE POLE SINGLE THROW DOUBLE POLE DOUBLE THROW EQUIPMENT BONDING JUMPER ON LOAD SIDE OF AN OVER-CURRENT DEVICE ELECTRICAL CONTRACTOR WIRED ON EMERGENCY CIRCUIT EXISTING TO REMAIN EXISTING

FIRE ALARM FURNISHED BY OTHERS KNOCK-OUT LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT LIQUIDTIGHT FLEXIBLE NONMETALLIC LONG TIME, SHORT TIME, INSTANTANEOUS AND GROUND FAULT TRIP ADJUSTMENTS TO BE PROVIDED ON A CIRCUIT BREAKER

LOW VOLTAGE MAIN BONDING JUMPER MAIN CROSS-CONNECT/EQUIPMENT ROOM MAIN DISTRIBUTION PANEL MOUNTING HEIGHT (ON PLAN), ALL MOUNTING HEIGHTS FOR DEVICE BOXES ARE FROM FINISHED FLOOR TO BOTTOM OF BOX, UNO. VERIFY OUTLET LOCATIONS WITH OTHER TRADES BEFORE ROUGH-IN MAXIMUM OVER-CURRENT PROTECTION MAIN SWITCHBOARD MOUNTED

MOUNTING GROUNDED CIRCUIT CONDUCTOR (NEUTRAL)

INDICATES MOUNTING HEIGHT (N) TO BOTTOM OF DEVICE FROM FINISH FLOOR, UNO NOT APPLICABLE NORMALLY CLOSED NOT IN CONTRACT NONMETALLIC SHEATHED CABLE NORMALLY OPEN NATIONALLY RECOGNIZED TESTING LAB NOT TO SCALE

ON CENTER OVER-CURRENT PROTECTIVE DEVICE

PULL BOX PAIR RELEASE SURFACE

SYSTEM BONDING JUMPER SOLID NEUTRAL SPLICE SINGLE POLE DOUBLE THROW SINGLE POLE SINGLE THROW SUPPLY-SIDE BONDING JUMPER

SPST SSBJ STP SHIELDED TWISTED PAIR STL CARBON STEEL SUSP SUSPENDED SWITCH SWITCHBOARD TELEPHONE/DATA

SWBD TEL/DATA TEL TELEPHONE TERMINAL(S) TELECOMMUNICATIONS GROUNDING TELECOMMUNICATIONS MAIN GROUNDING BUSBAR TELEPHONE TERMINATION BOARD

UNLESS NOTED OTHERWISE VERIFY IN FIELD

> WATTHOUR WALL MOUNTED

## **ELECTRICAL GENERAL NOTES**

THE TERM "PROVIDE" INDICATES CONTRACTOR SHALL FURNISH AND INSTALL ITEMS AND CONNECT AS REQUIRED TO OBTAIN A COMPLETE AND OPERABLE SYSTEM. COORDINATE DEVICE LOCATIONS WITH ARCHITECTURAL PLANS, CASEWORK, WINDOWS, WALL FINISHES, EQUIPMENT, AND OTHER TRADES PRIOR TO ROUGH IN. DEVICES ARE INTENDED TO BE ACCESSIBLE, DO NOT INSTALL BEHIND CASEWORK, DOORS OR EQUIPMENT UNLESS INDICATED ON PLANS. NOTIFY ARCHITECT IN WRITING OF CONFLICTS PRIOR TO PROCEEDING WITH WORK.

WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ALL LOCAL, STATE AND NATIONAL CODES INCLUDING, BUT NOT LIMITED TO NFPA 70 (NATIONAL ELECTRIC CODE), NFPA 72, NFPA 101, INTERNATIONAL BUILDING CODE, ETC. CONFLICTS BETWEEN THE APPLICABLE CODES, STANDARDS, AND THE PLANS AND

SPECIFICATIONS SHALL BE SUBMITTED TO THE ARCHITECT IN WRITING PRIOR TO PROCEEDING WITH WORK. CONTRACTOR SHALL FOLLOW SEISMIC RESTRANT AND DESIGN REQUIREMENTS CONTAINED IN LATEST ADOPTED STATE AND INTERNATIONAL BUILDING CODES WITH ALL AMENDMENTS AS ADOPTED. ADDITIONAL ELECTRICAL REQUIREMENTS MAY BE SHOWN ON PLANS FROM OTHER

DISCIPLINES IN THIS SET. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL PLANS AND SPECIFICATIONS FOR A COMPLETE UNDERSTANDING OF THE PROJECT REQUIREMENTS. WHERE CONFLICTS ARE FOUND BETWEEN DRAWINGS, DETAILS, OR SPECIFICATIONS,

THE MORE STRINGENT REQUIREMENT SHALL APPLY, NOTIFY ARCHITECT OF DISCREPANCY IN WRITING. INITIATING WORK CONSTITUTES CONTRACTOR ACCEPTANCE OF THE EXISTING CONDITIONS ASSOCIATED WITH THE WORK IN QUESTION.

CONTRACTOR SHALL CONTACT UTILITIES AND VERIFY UTILITY REQUIREMENTS PRIOR TO COMMENCING CONSTRUCTION, CONFLICTS BETWEEN UTILITY REQUIREMENTS AND THE PLANS OR SPECIFICATIONS SHALL BE SUBMITTED TO THE ARCHITECT IN WRITING PRIOR TO PROCEEDING WITH WORK, CONTRACTOR SHALL ARRANGE A PRE-CONSTRUCTION MEETING WITH THE UTILITY COMPANY TO REVIEW REQUIREMENTS. INCOMING SERVICE CONDUITS AND SUBSTRUCTURES SHALL BE INSTALLED PER UTILITY COMPANY STANDARDS. THESE DRAWINGS AND SPECIFICATIONS DO NOT INDICATE METHODS OF

CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND IS RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES, AND SAFE PRACTICES.

11. DRAWINGS ARE DIAGRAMMATIC IN NATURE AND CANNOT SHOW EVERY CONNECTION, JUNCTION BOX, WIRE, AND CONDUIT, ETC, THE EXACT LOCATIONS AND ARRANGEMENT OF PARTS SHALL BE DETERMINED AS THE WORK PROGRESSES. ITEMS NOT INDICATED ON DRAWINGS REASONABLY INFERRED TO BELONG TO THE WORK DESCRIBED SHALL BE FURNISHED AND INSTALLED TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.

WORK SHALL BE COORDINATED WITH EXISTING CONDITIONS, NEW CONSTRUCTION, OWNER'S VENDORS, OTHER TRADES, AND THEIR DOCUMENTS. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING HIS BID. CONTRACTOR SHALL CONTACT OWNER FOR AN APPOINTMENT TO VISIT THE SITE. AN INSULATED GROUND CONDUCTOR SIZED PER NEC SHALL BE PROVIDED WITH

EACH FEEDER AND BRANCH CIRCUIT. PROVIDE A DEDICATED NEUTRAL FOR EACH LINE TO NEUTRAL CIRCUIT. MULTI-WIRE BRANCH CIRCUITS ARE NOT PERMITTED UNLESS SPECIFICALLY INDICATED ON PLANS. MINIMUM WIRE SIZE IS #12 AWG, SEE SPECIFICATIONS FOR MINIMUM CONDUIT SIZE. CONDUIT SHALL BE CONCEALED WHEREVER POSSIBLE ABOVE CEILINGS, INSIDE WALLS, OR UNDER FLOOR SLAB WHERE SHOWN ON DRAWINGS. IN AREAS WITH NO CEILING, RUN EXPOSED CONDUIT AS HIGH AS POSSIBLE AND PARALLEL TO NEARBY

SURFACES OR EXISTING RACEWAYS. CONDUIT SHALL NOT BE INSTALLED IN FLOOR SLAB UNLESS SPECIFICALLY INDICATED ON PLANS AND WHERE APPROVED BY STRUCTURAL ENGINEER. DO NOT INSTALL MC CABLE IN EXPOSED LOCATIONS. CONTRACTOR SHALL PROVIDE RIGID METAL SLEEVES TO FACILITATE PATHWAYS THROUGH FULL HEIGHT WALLS FOR ELECTRICAL AND TELECOMMUNICATION WIRING. MOUNTING HEIGHTS FOR WALL MOUNTED DEVICES INDICATED ABOVE FINISHED FLOOR ARE TO BOTTOM OF DEVICE UNO. MOUNTING HEIGHTS TO CEILING

SUSPENDED DEVICES ARE TO BOTTOM OF DEVICE UNO. PROVIDE SOUND INSULATING PUTTY AROUND DEVICES INSTALLED ON OPPOSITE SIDES OF A WALL IN THE SAME VERTICAL CHANNEL. IF DEVICES ARE LOCATED AT LEAST 8" HORIZONTALLY APART NO SOUND INSULATING PUTTY IS REQUIRED. 20. COORDINATE CEILING MOUNTED DEVICES WITH ARCHITECTURAL REFLECTED CEILING

PLANS. NOTIFY ARCHITECT IN WRITING OF CONFLICTS PRIOR TO PROCEEDING WITH 21. JUNCTION BOXES LOCATED ABOVE ACCESSIBLE CEILINGS SHALL BE LOCATED NO MORE THAN 36" ABOVE CEILING LEVEL. LABEL EACH BOX IN AREA OF WORK WITH A PERMANENT MARKER OR IN ACCORDANCE WITH SPECIFICATIONS, WHICHEVER IS MORE STRINGENT. PROVIDE GROUNDING TYPE EXPANSION FITTINGS OR OTHER APPROVED METHODS TO

ALLOW FOR EXPANSION, CONTRACTION, AND DEFLECTION WHERE CONDUITS CROSS BUILDING EXPANSION JOINTS. 700. MINIMUM WIRE SIZE #10AWG.

PROVIDE SEPARATE RACEWAY FOR EMERGENCY SYSTEM WIRING PER NEC ARTICLE ALL CONDUITS SHALL INCLUDE AN INSULATED GROUND WIRE, SIZED PER N.E.C. MASONRY LOAD-BEARING WALLS AND MASONRY SHEAR WALLS: DO NOT PENETRATE CMU WALLS INDICATED AS BEARING WALLS AND SHEAR WALLS ON STRUCTURAL DRAWINGS UNLESS NOTED OTHERWISE ON PLAN. DO NOT CORE THROUGH CMU

BOND BEAMS OR LINTELS. DO NOT CUT ANY VERTICAL REINFORCING IN CMU WALLS. OBTAIN PRIOR APPROVAL FROM ENGINEER BEFORE PENETRATING ANY OF THE STRUCTURAL ELEMENTS LISTED ABOVE. CONCRETE BEARING WALLS AND BEAMS: DO NOT PENETRATE CONCRETE WALLS INDICATED AS BEARING WALLS AND SHEAR WALLS ON STRUCTURAL DRAWINGS UNLESS NOTED OTHERWISE ON PLAN. DO NOT CORE THROUGH CONCRETE BEAMS, GIRDERS, OR COLUMNS. DO NOT CUT ANY VERTICAL REINFORCING IN CONCRETE WALLS. OBTAIN PRIOR APPROVAL FROM STRUCTURAL ENGINEER BEFORE

PENETRATING ANY OF THE STRUCTURAL ELEMENTS LISTED ABOVE. 27. STEEL FRAMING: DO NOT CUT OR CORE THROUGH ANY STRUCTURAL STEEL BEAMS, GIRDERS, OR COLUMNS UNLESS NOTED OTHERWISE ON PLAN. NOTIFY ENGINEER OF POTENTIAL CONFLICTS BETWEEN FRAMING AND ELECTRICAL WORK. 28. CONCRETE FLOOR SYSTEMS (APPLIES TO CONCRETE BLDG. OR STEEL WITH CONCRETE DECK, MASONRY W/ CONC. FLOOR): DO NOT CUT HOLES OR CORE THROUGH CONCRETE FLOOR SLAB UNLESS NOTED OTHERWISE ON PLAN OR IN TYPICAL STRUCTURAL DETAILS. PENETRATIONS THROUGH EXISTING SLABS SHALL BE X-RAYED PRIOR TO CORING HOLES. NO EXISTING REINFORCEMENT SHALL BE CUT WITHOUT PERMISSION OF THE STRUCTURAL ENGINEER. PENETRATIONS THROUGH

EXISTING BEAMS AND COLUMNS IS NOT PERMITTED.



## MULTI-BUILDING **CLASSROOM UPGRADES**

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IU PROJECT NO: 20230501

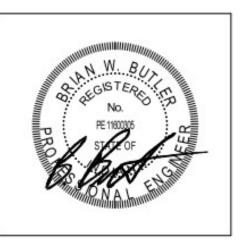
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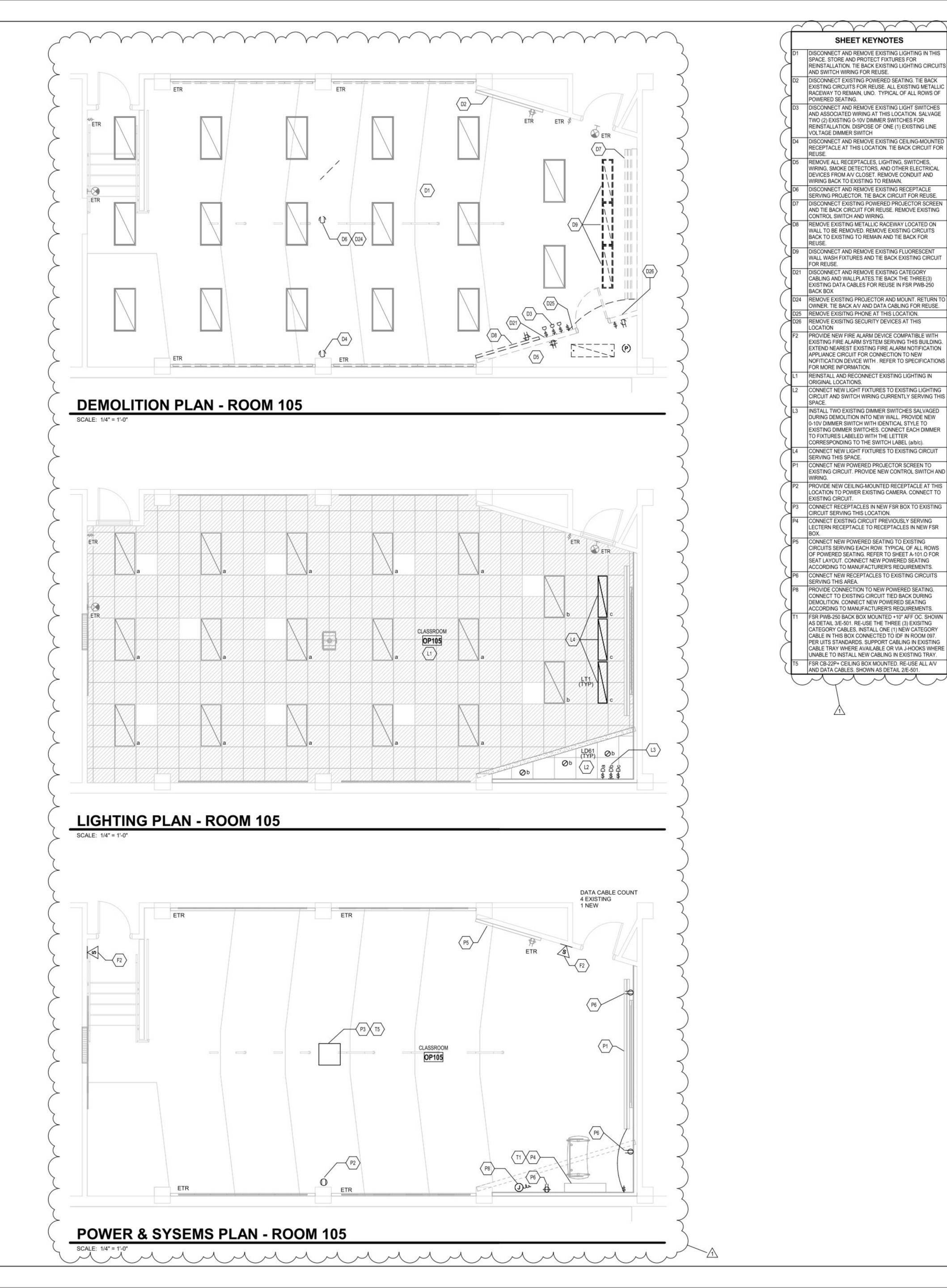
317.848.0966 WWW.FHAI.COM 350 E. NEW YORK STREET SUITE 300, INDIANAPOLIS IN 46204



PROJECT MANAGER: PW DRAWN BY: ISD PROJECT NUMBER: 224203.00 PROJECT ISSUE DATE: 03.10.2025

REV. NO.△	DESCRIPTION	DATE
1	Addendum #1	03.19.2025
		-
		1

**ELECTRICAL SYMBOLS & ABBREVIATIONS** 



BL000B - MULTI-BUILDING CLASSROOM UPGRADES IU PROJECT NO: 20230501

DEMOLITION PLAN GENERAL NOTES

AND REINSTALLED BY OWNER.

POWER PLAN GENERAL NOTES

REFER TO ELECTRICAL SPECIFICANTS SECTION 260005

REQUIREMENTS THAT APPLY TO THIS DRAWINGS SHEET.

ALL EQUIPMENT AND CONDUIT SHOWN ON DEMOLITION

ALL EXISTING CEILING-MOUNTED WIRELESS ACCESS

POINTS AND ASSISTED LISTENING ARE TO BE REMOVED

PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR

EACH PANELBOARD ADDED OR MODIFIED DURING

CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE

FINAL DIRECTORY IS ACCURATE. UNUSED SPARE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND

CLEARANCES AND ALL EXISTING FIELD CONDITIONS

WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED,

CONTACT THE ARCHITECT BEFORE PROCEEDING WITH

LABEL EACH RECEPTACLE WITH THE PANEL NAME AND

CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE

PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR

CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE

TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE

ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL

MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY

GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100%

FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE

REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION

OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES,

AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR

REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND

ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF

LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO

RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE

PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT

TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT

LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE

PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT

THROUGH-OUT SAME ROOM UNLESS OTHERWISE

PROVIDE NEW FIRE ALARM NOTIFICATION DEVICES

COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM.

SIGNS AND SECURITY LIGHT CIRCUITS.

FIRE ALARM PLAN GENERAL NOTES

ORDERING LUMINAIRES. PROVIDE LUMINAIRES

WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR

CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP

BE BONDED WITH A PROPERLY SIZED EQUIPMENT

BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF

BREAKERS SHALL BE IN THE OFF POSITION.

WITH A TYPED LAMINATED LABEL.

EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.

GROUNDING CONDUCTOR. MAINTAIN

LIGHTING PLAN GENERAL NOTES

IN EMERGENCY CONDITION.

RESPECTIVE INSTALLERS.

MANUFACTURED WIRING SYSTEM.

COMPATIBLE WITH CEILING TYPE.

MANUAL AND DETAIL "1/E-501".

ANY GFCI PROTECTED DEVICE.

PLANS IS EXISTING AND SHALL REMAIN IN SERVICE LINCESS
NOTED OTHERWISE.

"ELECTRICAL DEMOLITION" FOR ADDITIONAL

SHEET KEYNOTES

# MULTI-BUILDING CLASSROOM **UPGRADES**

School of Optometry 800 Atwater Ave, Bloomington, IN 47405

INDIANA UNIVERSITY



ARCHITECT

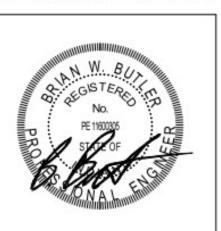
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S ROSE AVE KEY PLAN

100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: PW DRAWN BY: ISD PROJECT NUMBER: 224203.00 DDO JECT ISSUE DATE: 03:40:2025

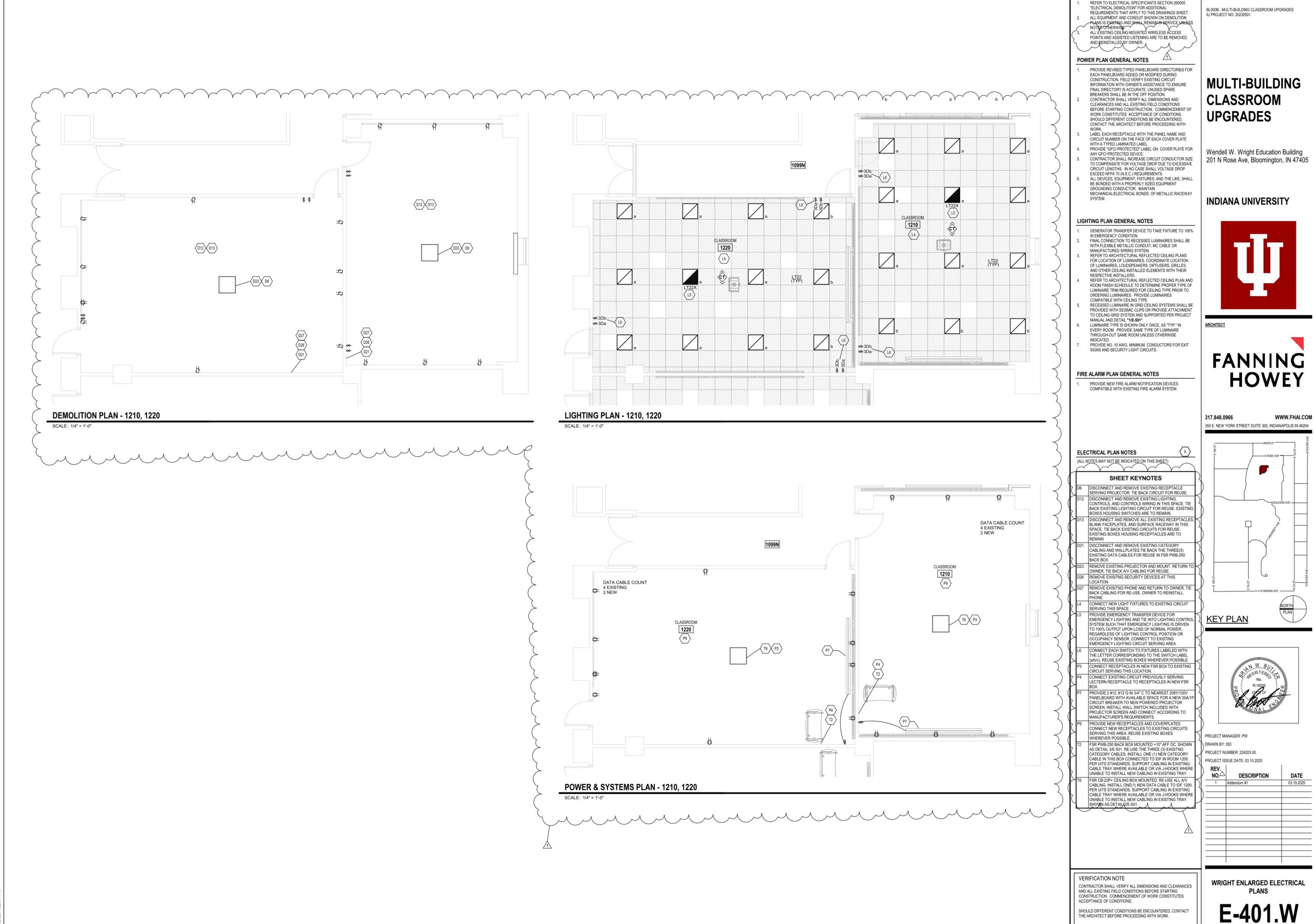
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VERIFICATION NOTE

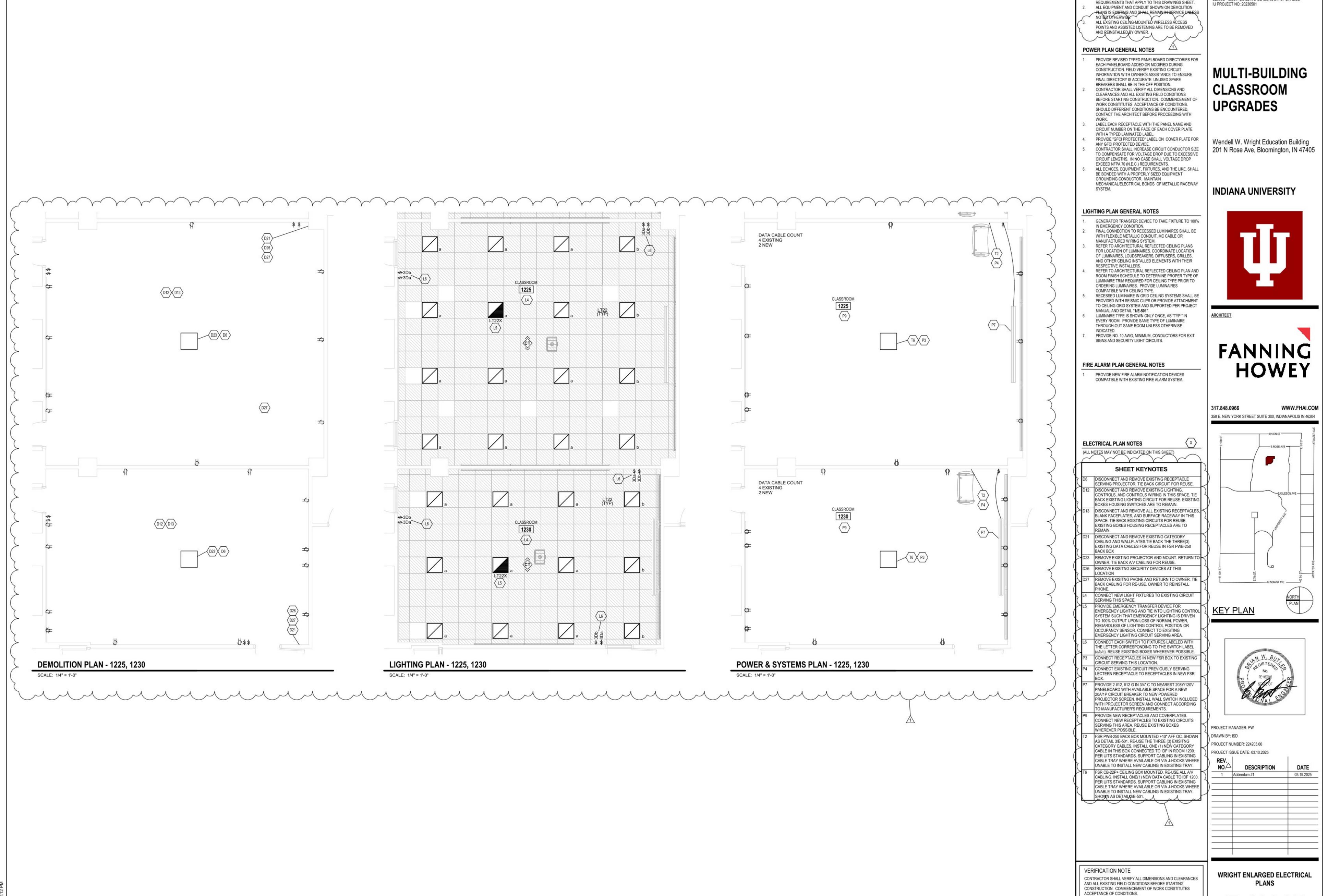
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

OPTOMETRY ENLARGED **ELECTRICAL PLANS** 



DEMOLITION PLAN GENERAL NOTES

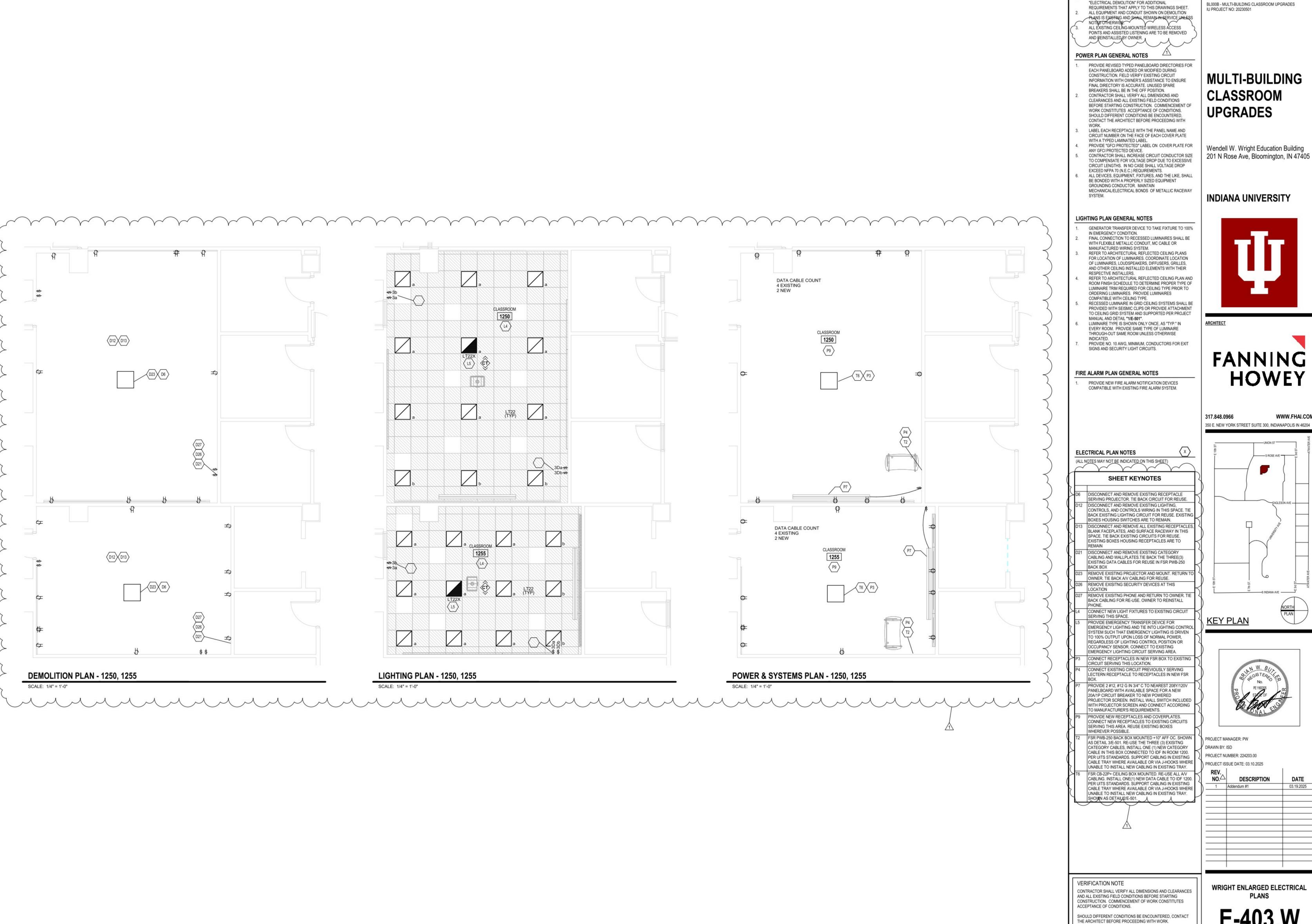


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DEMOLITION PLAN GENERAL NOTES

REFER TO ELECTRICAL SPECIFICANTS SECTION 260005 "ELECTRICAL DEMOLITION" FOR ADDITIONAL

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



DEMOLITION PLAN GENERAL NOTES

REFER TO ELECTRICAL SPECIFICANTS SECTION 260005

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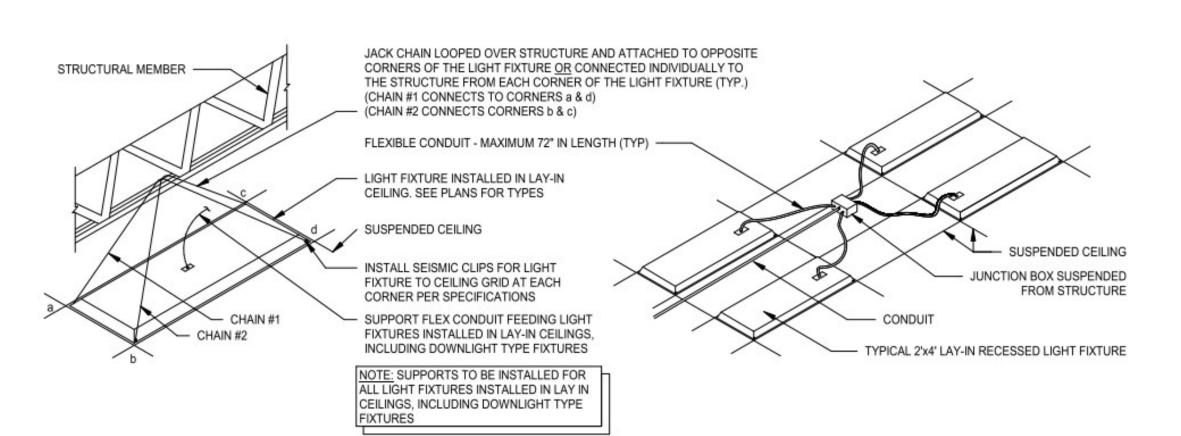
DEMOLITION PLAN GENERAL NOTES

REFER TO ELECTRICAL SPECIFICANTS SECTION 260005

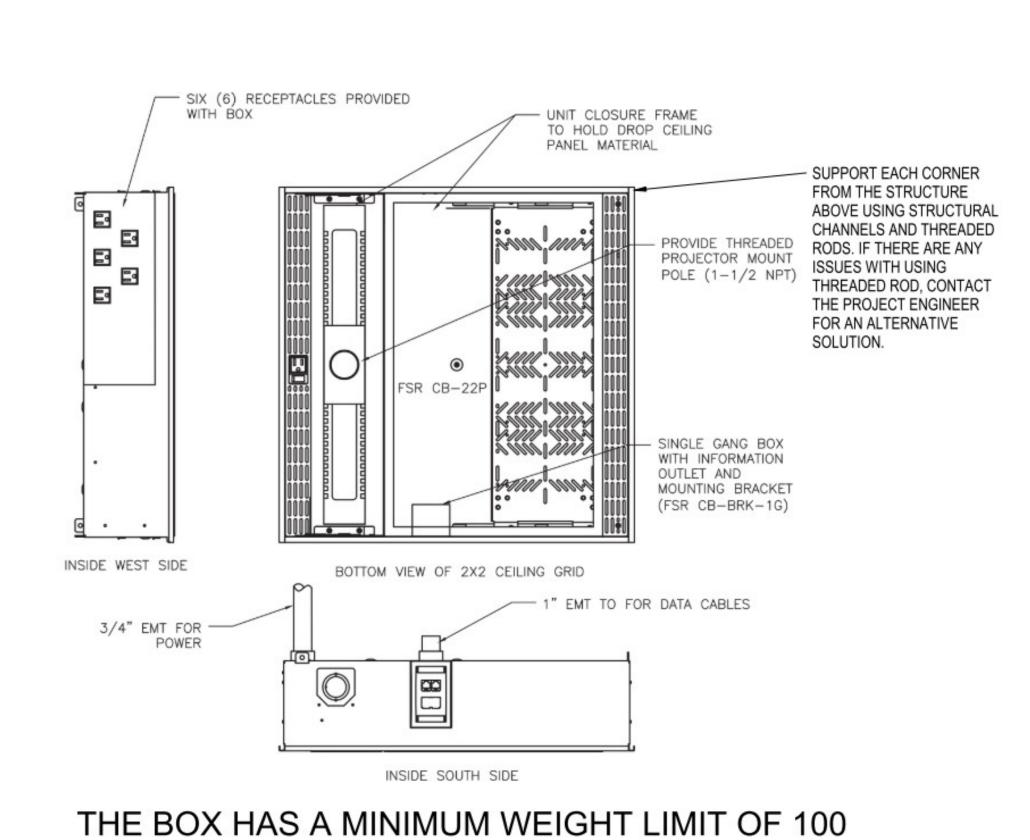
REQUIREMENTS THAT APPLY TO THIS DRAWINGS SHEET.

"ELECTRICAL DEMOLITION" FOR ADDITIONAL

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



RECESSED LIGHT FIXTURE SUPPORT



LBS. IT MUST BE SUPPORTED FROM THE

THE STRUCTURE ABOVE.

PROJECTOR MOUNTING DETAIL FSR CB-22 P

CEILING GRID AND MUST BE SUPPORTED FROM

INSIDE TOP

1 1/4" EMT TO CEILING ABOVE FOR DATA CABLES.

SINGLE GANG BOX WITH FOUR (4)
DATA JACKS AND COVERPLATE

1 1/2" EMT TO CEILING ABOVE FOR AV CABLES

FSR PWB-250

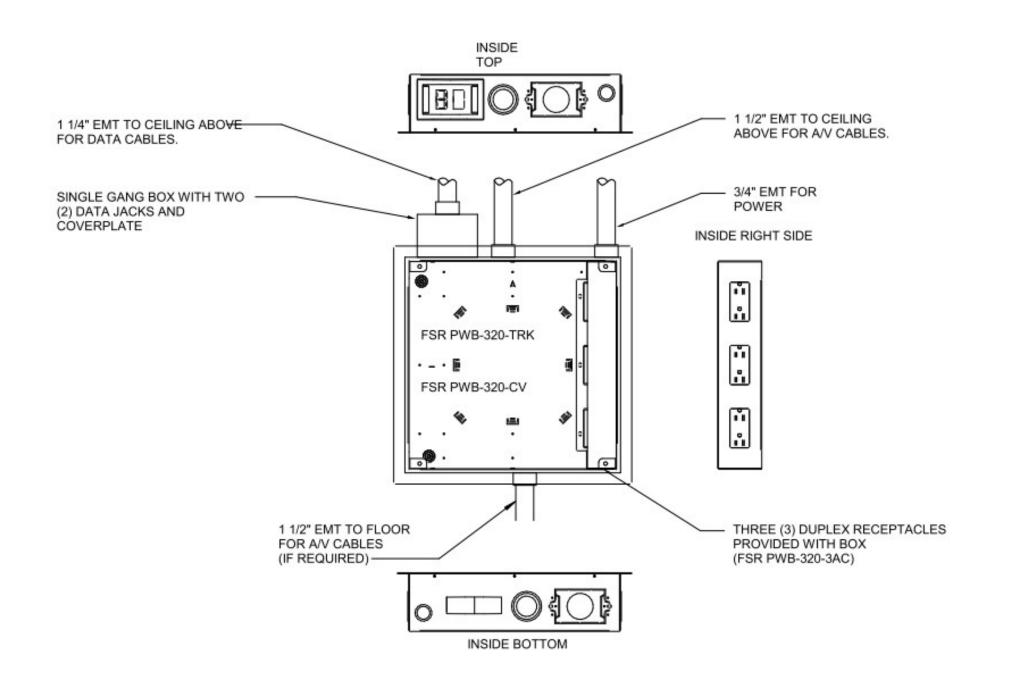
SINGLE GANG BOX WITH TO CEILING ABOVE FOR AV CABLES

FSR PWB-250

SINGLE GANG BOX WITH DUPLEX RECEPTACLE

INSIDE BOTTOM

3 LECTURN A/V BACK BOXES DETAIL (FSR PWB 250)
NOT TO SCALE



MONITOR A/V BACK BOX DETAIL (FSR PWB-320)

NOT TO SCALE

MULTI-BUILDING CLASSROOM UPGRADES

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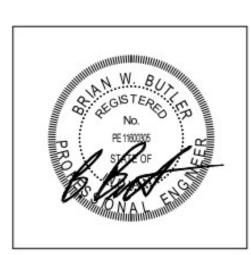
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PROJECT MANAGER: PW
DRAWN BY: ISD
PROJECT NUMBER: 224203.00
PROJECT ISSUE DATE: 03.10.2025

DESCRIPTION	DATE	
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**ELECTRICAL DETAILS** 

E-501