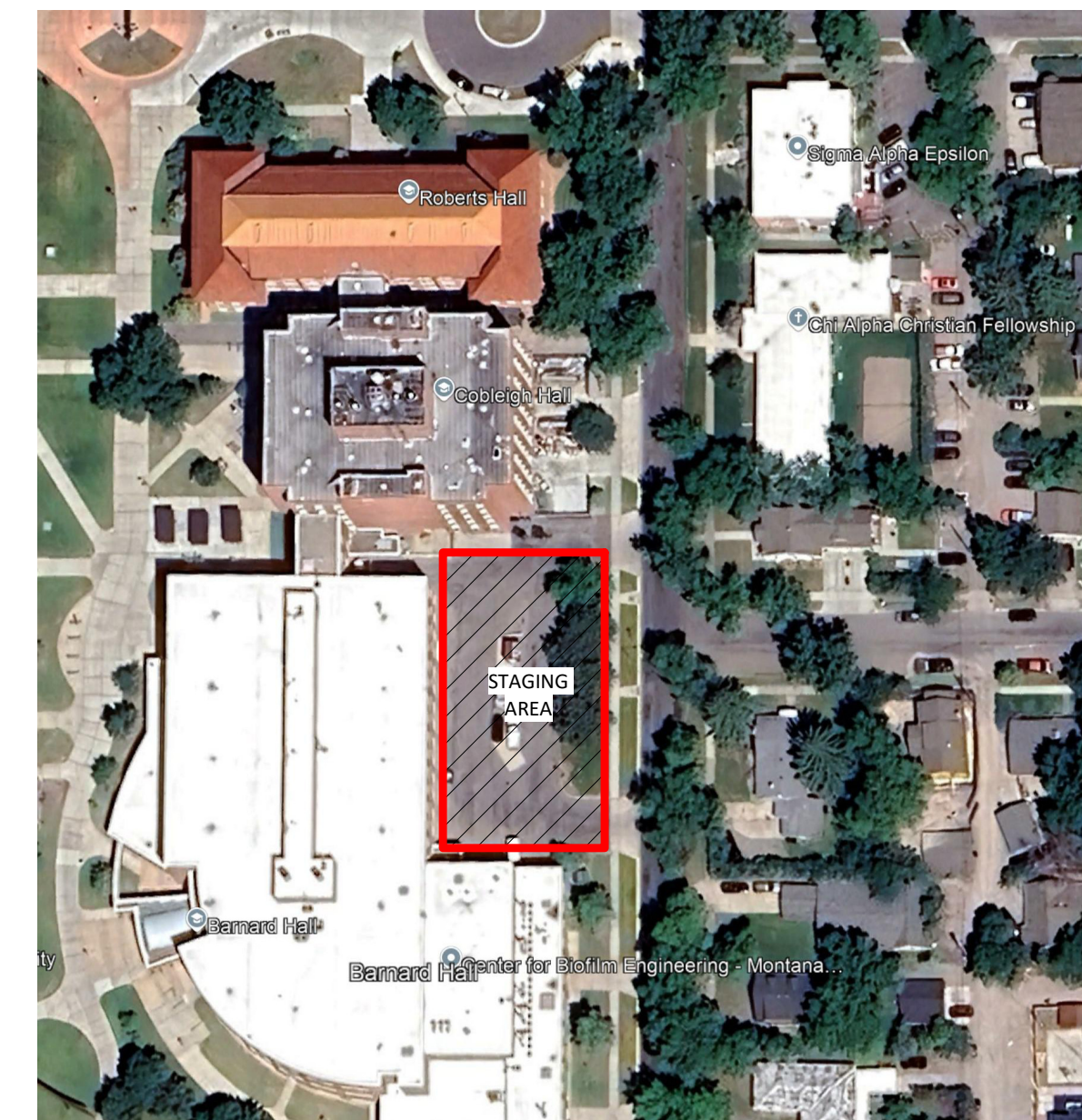
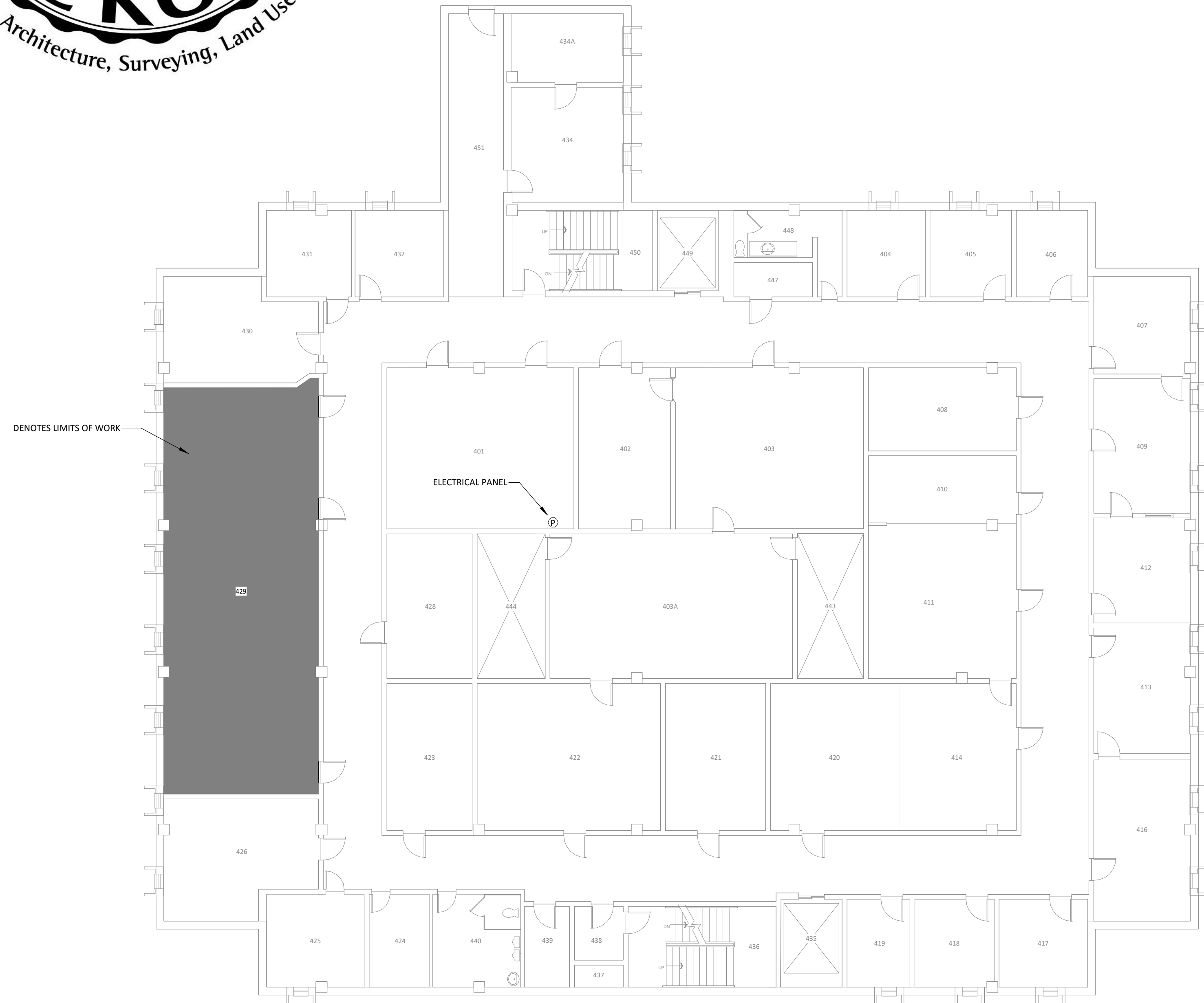


COBLEIGH HALL MONTANA STATE UNIVERSITY

1225 SOUTH 6TH AVENUE, BOZEMAN, MT 59715

ROOM #429
PPA#: 23-0828



DEFERRED SUBMITTALS

INDEX OF DRAWINGS

SHEET NUMBER	SHEET NAME
TITLE	TITLE SHEET
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G-013	ARCHITECTURAL NOTES
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A-111	CLASSROOM REFLECTED CEILING PLAN
A-121	CLASSROOM FINISH PLAN
A-211	INTERIOR ELEVATIONS
ELECTRICAL	ELECTRICAL TITLE SHEET
E-001	ELECTRICAL DEMOLITION PLAN
ED111	LIGHTING PLAN
E-111	POWER PLAN
E-121	

BUILDING REQUIREMENTS FROM THE INTERNATIONAL EXISTING BUILDING CODE 2021

ALTERATION - LEVEL 1: ALTERATIONS INCLUDE THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, OR EQUIPMENT OR FIXTURES USING NEW MATERIALS, ELEMENTS, OR EQUIPMENT OR FIXTURES THAT SERVE THE SAME PURPOSE.

COMPLIANCE METHOD:

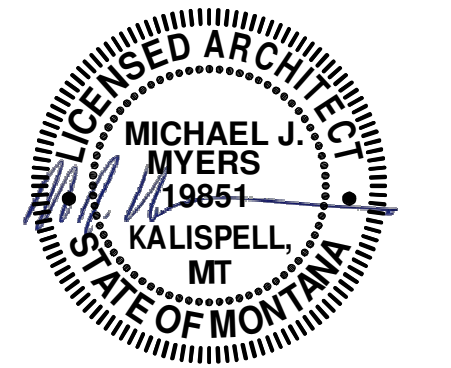
PRESCRIPTIVE - CHAPTER 5

ALTERATIONS: EXCEPT AS PROVIDED BY SECTION 302.4, 302.5 OR THIS SECTION, ALTERATIONS TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THE IBC FOR NEW CONSTRUCTION. ALTERATIONS SHALL BE SUCH THAT THE EXISTING BUILDING OR STRUCTURE IS NOT LESS COMPLYING WITH THE PROVISIONS OF THE IBC THAN THE EXISTING BUILDING OR STRUCTURE WAS PRIOR TO THE ALTERATION.

NO CHANGE IS BEING MADE TO OCCUPANCY SIZE OR TYPE.

NO CHANGE TO EXIT DISTANCE OR PATH.

Ⓟ LOCATION OF EXISTING ELECTRICAL PANEL.



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 PPA#: 23-0828

GENERAL CONDITIONS

- THE GENERAL CONTRACTOR IS TO GUARANTEE ALL WORK INCLUDING WORK DONE BY SUBCONTRACTORS FOR A PERIOD OF ONE (1) YEAR COMMENCING WITH THE FINAL ACCEPTANCE AND FULL COMPLETION OF THE PROJECT.
- ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH ALL GOVERNING CODES, ORDINANCES AND AUTHORITIES HAVING JURISDICTION. GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL REQUIRED BUILDING PERMITS.
- THE GENERAL CONTRACTOR IS TO HAVE A FULL TIME QUALIFIED SUPERVISOR ON THE SITE AT ALL TIMES WHILE WORK IS BEING PERFORMED.
- ALL MATERIAL SPECIFIED IS TO BE NEW & INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS. GENERAL CONTRACTOR IS TO CONSTRUCT PROJECT IN ACCORDANCE WITH THE DOCUMENTS. ANY DEVIATION FROM THE INTENT OF THE DOCUMENTS, WITHOUT ARCHITECT OR ENGINEER'S APPROVAL, ARE AT THE CONTRACTOR'S OWN RISK AND MAY RESULT IN THE WORK BEING DONE OVER AT CONTRACTOR'S EXPENSE (MATERIALS AND LABOR).

GENERAL NOTES

- CONTRACTOR TO REVIEW AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS PRIOR TO COMMENCING WORK. ANY CONDITIONS NOT INDICATED ON CONTRACT DOCUMENTS ARE TO BE REPORTED TO THE ARCHITECT PRIOR TO BEGINNING WORK.
- CONTRACTOR TO CONTACT LOCAL UTILITIES, IF NECESSARY, SUBMIT ALL APPLICABLE PERMIT DOCUMENTS, QUALIFICATIONS, ETC., AND BE RESPONSIBLE FOR ALL FEES ASSOCIATED WITH PERMITS, UTILITY EXTENSIONS, TAP-INS, ETC.
- THE CONTRACTOR SHALL REMOVE ALL DEBRIS AS A RESULT OF THIS PROJECT. THE CONTRACTOR WILL REMOVE EXISTING EQUIPMENT, FIXTURES, ETC. IN THE SPACE PRIOR TO CONSTRUCTION AND RELOCATE PER OWNER.
- THE CONTRACTOR SHALL SCHEDULE HIS WORK AND MATERIAL AND EQUIPMENT DELIVERIES SO AS NOT TO INTERFERE WITH THE DAILY OPERATIONS OF THE REMAINDER OF THE FACILITY.
- THE CONTRACTOR SHALL PROTECT EXISTING FACILITIES, EQUIPMENT, FIXTURES, ETC. FROM DAMAGE DURING THE COURSE OF CONSTRUCTION.

- ALL SURFACES AND/OR FINISHES DAMAGED AS A RESULT OF AND ADJACENT TO THE WORK SHALL BE REPAIRED AND FINISHED TO THEIR ORIGINAL CONDITION.
- USE DETAILS MARKED "TYPICAL" (TYP) WHEREVER APPLICABLE.
- ALL ITEMS REQUIRED BY THE DRAWINGS AND SPECIFICATIONS SHALL BE PERFORMED IN A WORKMANLIKE MANNER BY PERSONS SKILLED IN THEIR RESPECTIVE TRADE AND WHO NORMALLY PARTICIPATE IN THE WORK OF THAT TRADE.
- WORDS WHICH HAVE WELL KNOWN TECHNICAL OR TRADEMEANINGS ARE USED IN THE DRAWINGS AND SPECIFICATIONS IN ACCORDANCE WITH SUCH RECOGNIZED MEANINGS.
- WITHIN THE DRAWINGS AND RELATED SPECIFICATIONS THERE SHALL BE THE FOLLOWING PRECEDENCE:
 - ADDENDA OR MODIFICATIONS TO THE DRAWINGS AND SPECIFICATIONS TAKE PRECEDENCE OVER THE ORIGINAL, WHEN ISSUED BY THE ARCHITECT.

- SPECIFICATIONS SHALL TAKE PRECEDENCE OVER DRAWINGS.
- WITHIN THE DRAWINGS THE LARGER SCALE TAKES PRECEDENCE OVER THE SMALLER, FIGURED DIMENSIONS OVER SCALED AND NOTED MATERIALS OVER GRAPHIC INDICATIONS.
- THE ARCHITECT OR ENGINEER SHALL BE IN THE FIRST INSTANCE THE SOLE INTERPRETER OF THE DRAWINGS AND SPECIFICATIONS WITH REGARD TO THEIR MEANING OR INTENT.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES AND PROCEDURES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY DURING BUILDING CONSTRUCTION.

- SUBMITTALS AND SAMPLES REQUIRED ON ALL FINISH MATERIALS AND COLORS, AND SHALL BE REVIEWED BY OWNER'S REPRESENTATIVE FOR FINAL APPROVAL PRIOR TO ORDERING. SAMPLES SHALL BE FULL SIZE WITH PAINTS/STAINS APPLIED TO ACTUAL SUBSTRATES. ALL MATERIALS SHALL BE VIEWED ON SITE AT SAME TIME IN SPACES USED, ONE MEETING FOR EXTERIOR FINISHES AND ONE MEETING FOR INTERIOR FINISHES.

PROJECT INFORMATION:

OWNER / DEVELOPER

STATE OF MONTANA - MONTANA STATE UNIVERSITY
 UNIVERSITY FACILITIES MANAGEMENT,
 MANAGED BY: PLANNING, DESIGN, & CONSTRUCTION
 PLEW BUILDING 6TH & GRANT
 PO BOX 172760
 BOZEMAN, MT 59717-2760
 ATTN: JENNISSE WATERS
 EMAIL: JENNISSE.WATERS@MONTANA.EDU
 TEL: (406) 994-5970

DESIGN PROFESSIONALS

JACKOLA ENGINEERING & ARCHITECTURE, P.C.
 2250 HWY 93 SOUTH
 PO BOX 1134
 KALISPELL, MT 59903
 TEL: (406) 755-3208
 ARCHITECT: MIKE J MYERS, AIA
 ELECTRICAL ENGINEER: JON RUONAVARA, PE

BUILDING DEPARTMENT

CITY OF BOZEMAN
 20 E. OLIVE ST. 1ST FLOOR
 PO BOX 1230
 BOZEMAN, MT 59711
 EMAIL: PLANNINGTECH@BOZEMAN.NET
 TEL: (406) 582-2260

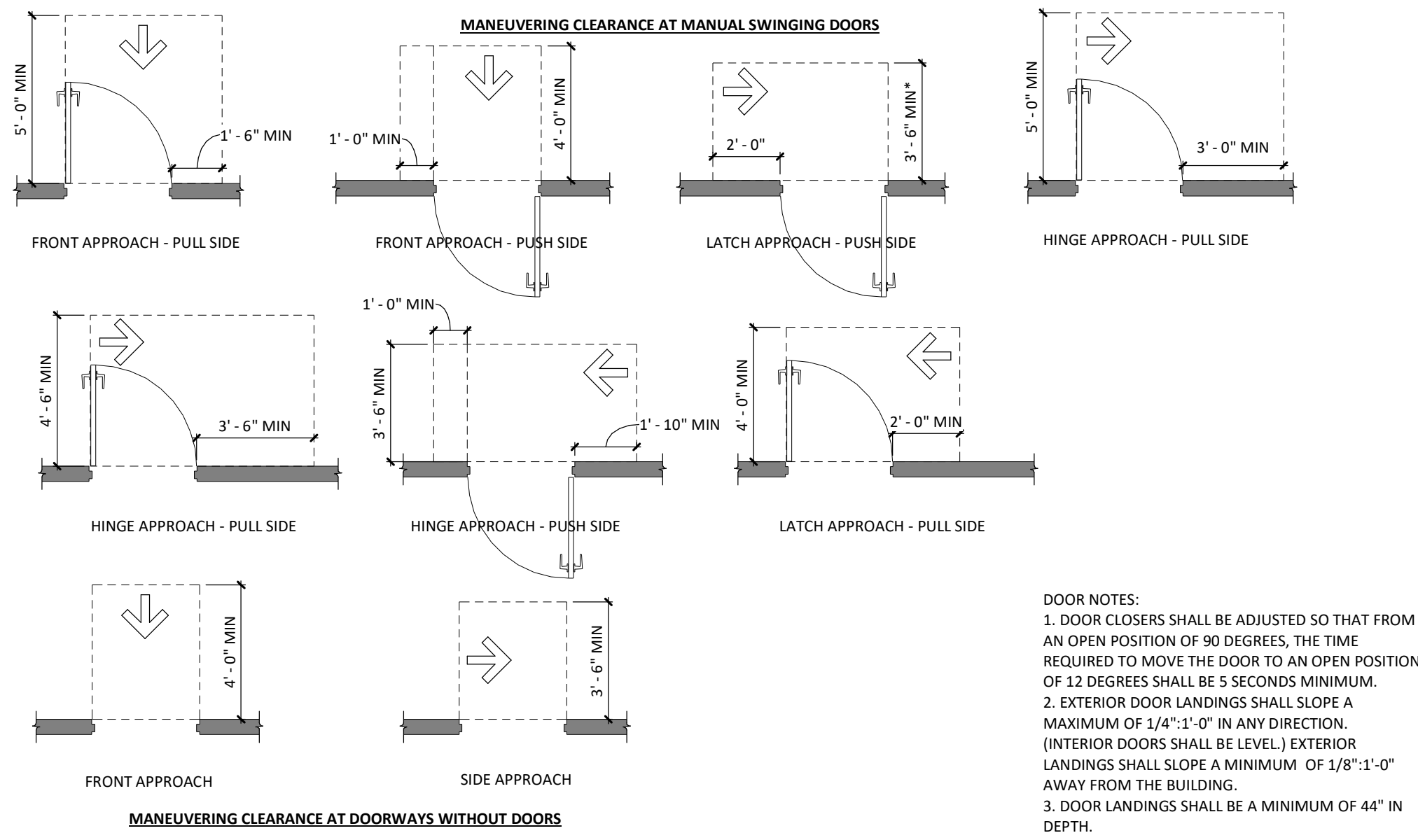
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DATE: 11/19/2024

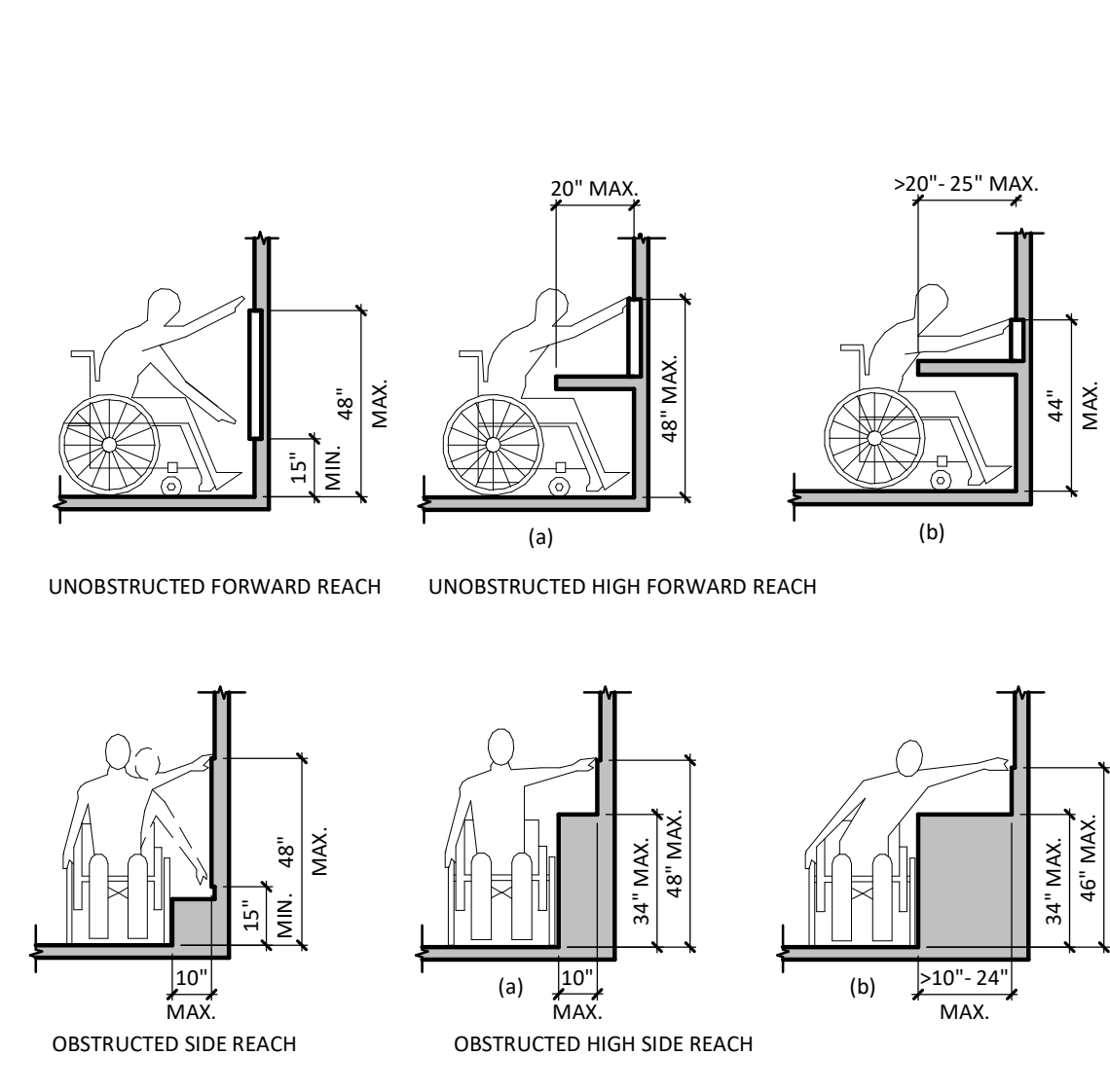
REVISIONS:

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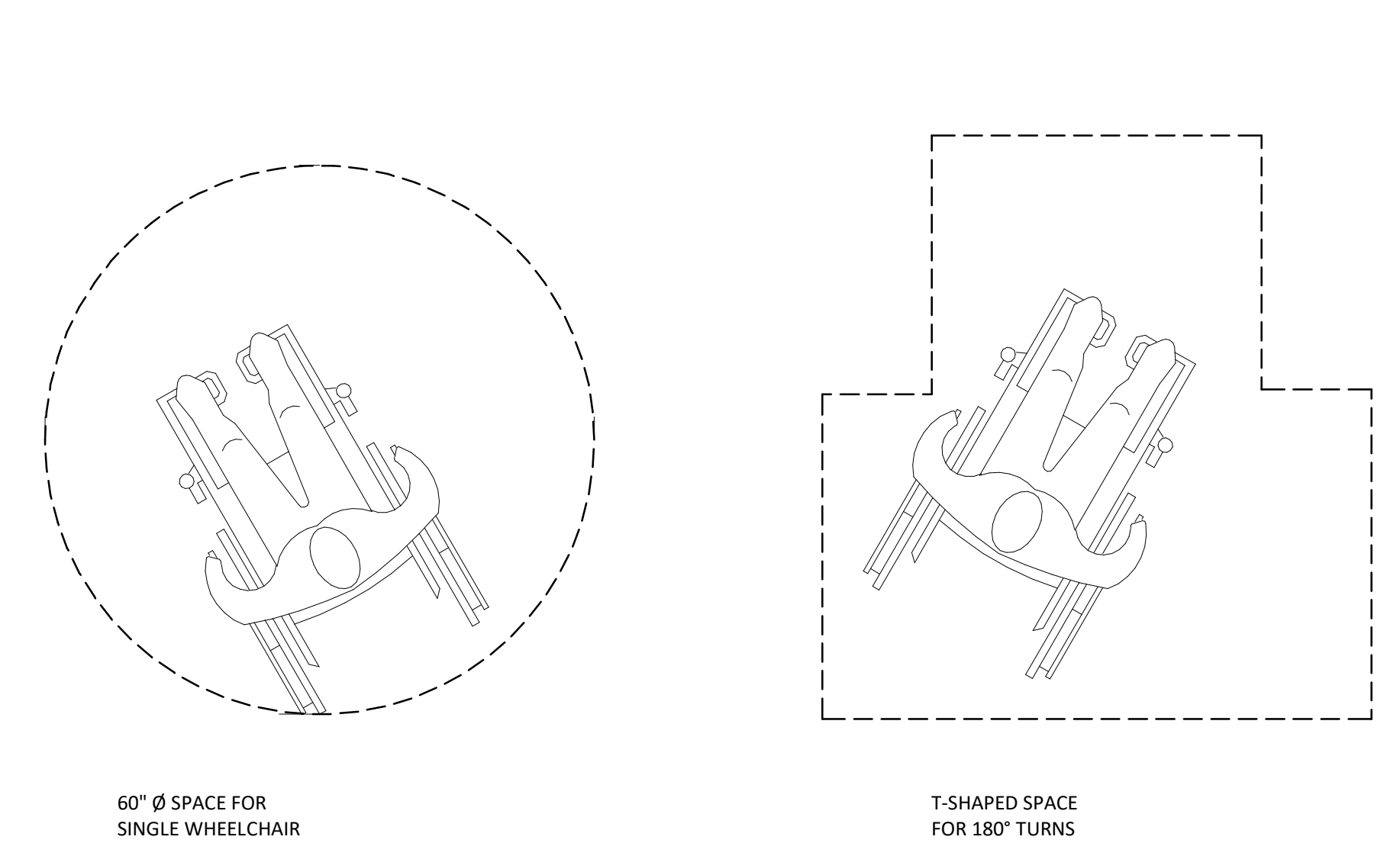
G-001



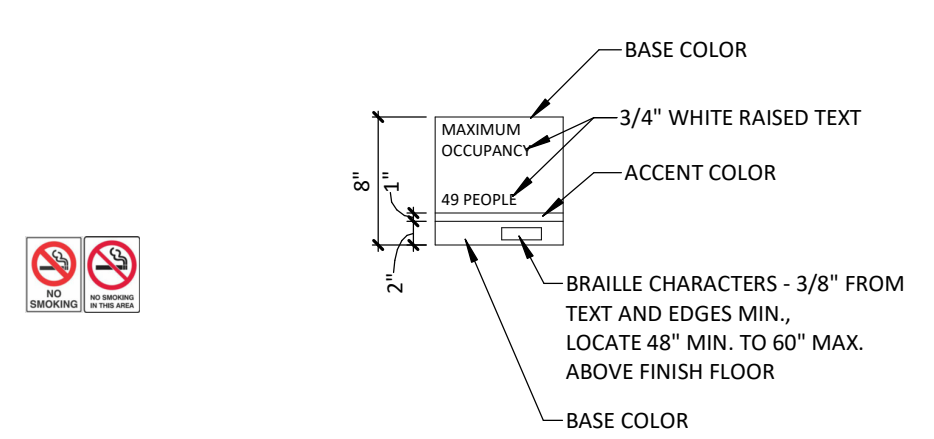
1 DOOR CLEARANCE AND LANDING REQUIREMENTS
1/4" = 1'-0"



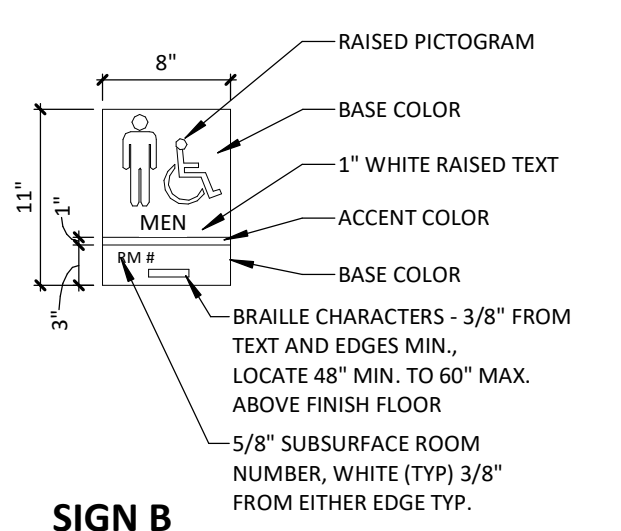
2 ADA REACH RANGES
1/4" = 1'-0"



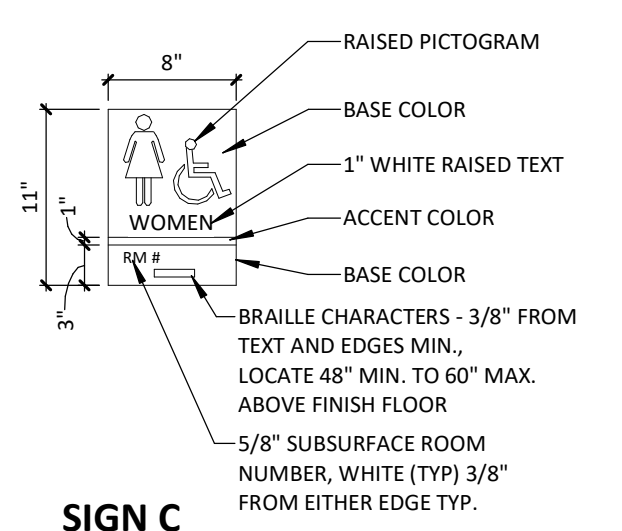
3 WHEELCHAIR TURNING REQUIREMENTS
NTS



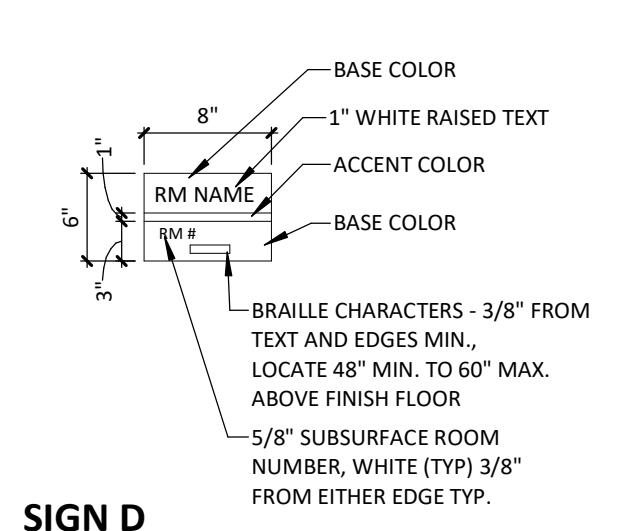
SIGN A
BASE AND ACCENT COLORS TO BE SELECTED FROM MANUFACTURERS STANDARD RANGE



SIGN B
BASE AND ACCENT COLORS TO BE SELECTED FROM MANUFACTURERS STANDARD RANGE

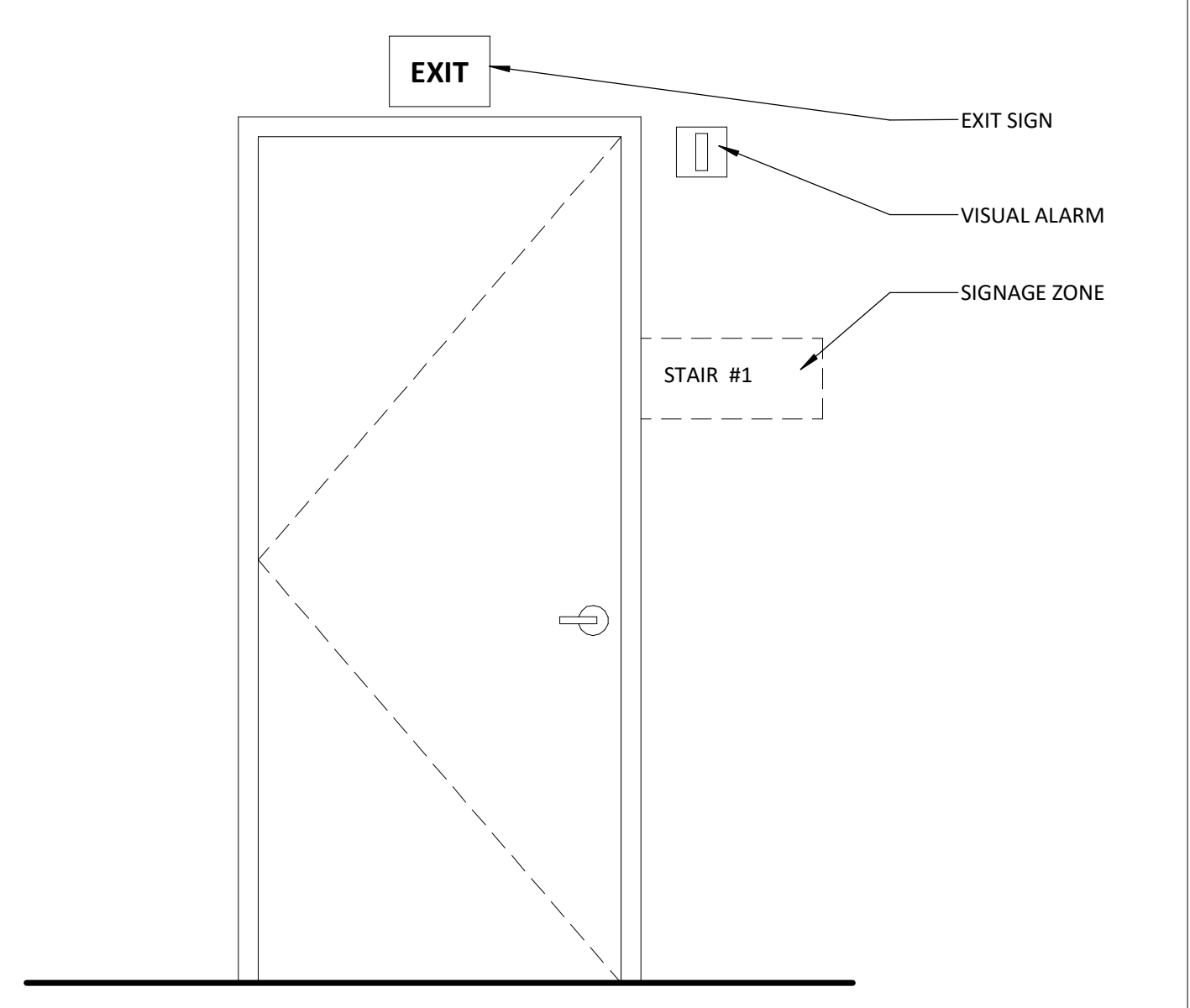


SIGN C
BASE AND ACCENT COLORS TO BE SELECTED FROM MANUFACTURERS STANDARD RANGE

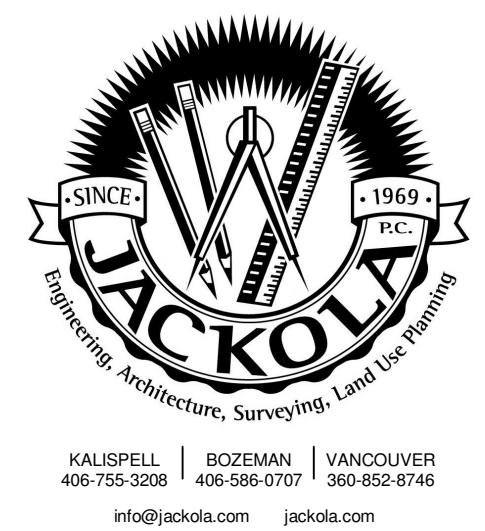


SIGN D
BASE AND ACCENT COLORS TO BE SELECTED FROM MANUFACTURERS STANDARD RANGE

4 ACCESSIBLE SIGNAGE
1" = 1'-0"



5 TYP. MOUNTING HTS. @ EXIT DOOR
3/4" = 1'-0"



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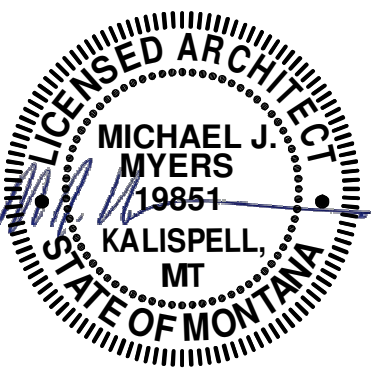
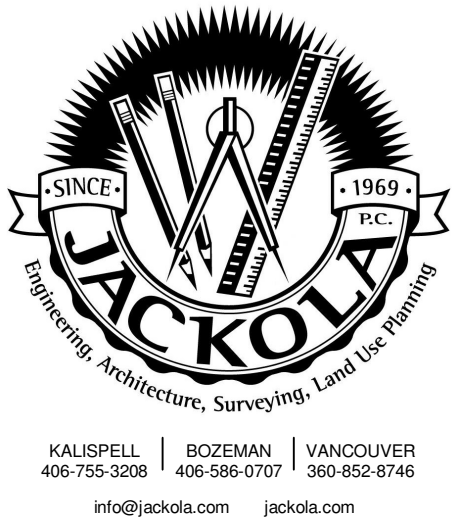
REVISIONS:

ACCESSIBILITY DETAILS

G-013

ARCHITECTURAL SHEET INDEX

A-001	ARCHITECTURAL NOTES
A-111	CLASSROOM FLOOR PLAN
A-121	CLASSROOM REFLECTED CEILING PLAN
A-131	CLASSROOM FINISH PLAN
A-211	INTERIOR ELEVATIONS



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ABBREVIATIONS

A	AFF ABOVE FINISH FLOOR ACT ACOUSTICAL CEILING TILE ADJ ADJUSTABLE AB ANCHOR BOLT ALUM ALUMINUM ALT ALTERNATE ANOD ANODIZED APPROX APPROXIMATE ARCH ARCHITECT B BSMT BASEMENT BATH BATHROOM BM BEAM BRG BEARING BEDRM BEDROOM BET BETWEEN BLDG BUILDING BO BOTTOM OF BOT BOTTOM BN BOUNDARY NAILING BS BOTH SIDES C CFCI CONTRACTOR FURNISHED CONTRACTOR INSTALLED CPT CARPET CLG CEILING CT CERAMIC TILE CLR CLEAR CLST CLOSET COL COLUMN CONC CONCRETE CONST CONSTRUCTION CONT CONTINUOUS CONTR CONTRACT, CONTRACTOR CORR CORRIDOR CJ CONTROL JOINT CMU CONCRETE MASONRY UNIT D DEMO DEMOLISH, DEMOLITION DTL DETAIL DIA DIAMETER DIM DIMENSION DW DISHWASHER DIV DIVISION DL DEAD LOAD DR DOOR DN DOWN DS DOWNSPOUT DWG DRAWING DF DRINKING FOUNTAIN D DRYER E EA EACH E EAST ELEC ELECTRIC ELEV ELEVATION, ELEVATOR EQ EQUAL EQUIP EQUIPMENT EXIST EXISTING EXP EXPANSION EJ EXPANSION JOINT EXT EXTERIOR F FOB FACE OF BRICK FOC FACE OF CONCRETE FOM FACE OF MASONRY	FOS FACE OF STUDS FIN FINISH FF FINISH FLOOR FEC FIRE EXTINGUISHER/AND OR CABINET FL FLASHING FLR FLOOR FD FLOOR DRAIN FT FOOT, FEET FTG FOOTING FND FOUNDATION FURN FURNITURE FUT FUTURE FBO FURNISHED BY OTHERS FRP FIBER REINFORCED PANEL G GA GAUGE GALV GALVANIZED GEN GENERAL GL GLASS GWB GYPSUM WALL BOARD GYPC GYPCRETE H HALL HALLWAY HDW HARDWARE HVAC HEATING, VENTILATING, & AIR CONDITIONING HT HEIGHT HM HOLLOW METAL HORIZ HORIZONTAL HWT HOT WATER TANK HR HOUR I IBC INTERNATIONAL BUILDING CODE INCL INCLUDE, INCLUDED (ING) INFO INFORMATION ID INSIDE DIAMETER INSUL INSULATE, INSULATION INT INTERIOR J JAN JANITOR JC JANITOR'S CLOSET JT JOINT K KIT KITCHEN KO KNOCK OUT L LBL LABEL LAM LAMINATED LNDRY LAUNDRY LAV LAVATORY LVL LEVEL LL LIVE LOAD LR LIVING ROOM LOC'N LOCATION M MFR MANUFACTURER MAS MASONRY MO MASONRY OPENING	MATL MATERIAL MAX MAXIMUM MECH MECHANICAL, MECHANICAL ROOM MTL METAL MIN MINIMUM MIRR MIRROR MISC MISCELLANEOUS N NOM NOMINAL N NORTH NA NOT APPLICABLE NIC NOT IN CONTRACT NTS NOT TO SCALE NO NUMBER O OC ON CENTER OFCI OWNER FURNISHED CONTRACTOR INSTALLED OFOI OWNER FURNISHED OWNER INSTALLED OFF OFFICE OPG OPENING OPP OPPOSITE OD OUTSIDE DIAMETER OF OUTSIDE FACE O/O OUT TO OUT P PNT PAINT, PAINTED PNL PANEL PH PHASE PLAS PLASTIC P-LAM PLASTIC LAMINATE PL PLATE PLYWD PLYWOOD PVC POLYVINYL CHLORIDE PREFIN PREFINISHED PROP PROPERTY Q QUAN QUANTITY R RAD RADIUS RWL RAIN WATER LEADER REF REFERENCE REINF REINFORCE, REINFORCEMENT RCP REFLECTED CEILING PLAN REQ'D REQUIRED RFI REQUEST FOR INFORMATION REV REVISION R RISER RD ROOF DRAIN RM ROOM RO ROUGH OPENING S SCHED SCHEDULE SEC SECTION SG SAFETY GLASS SHGT SHEATHING SIM SIMILAR SOG SLAB ON GRADE S SOUTH SPEC SPECIFICATION SQ SQUARE STD STANDARD STL STEEL STOR STORAGE STRUCT STRUCTURAL SF SQUARE FEET SUSP SUSPENDED	I TEAL TECHNOLOGY ENHANCED ACTIVE LEARNING TEL TELEPHONE TV TELEVISION TEMP TEMPERED, TEMPORARY T&G TONGUE AND GROOVE TOB TOP OF BRICK TOS TOP OF SLAB TOW TOP OF WALL TOM TOP OF MASONRY T TREAD TYP TYPICAL U UAS UPWARD ACTING SECTIONAL DOOR UBC UNIFORM BUILDING CODE UNO UNLESS NOTED OTHERWISE UTIL UTILITY V VB VAPOR BARRIER VNR VENEER VERT VERTICAL VG VERTICAL GRAIN VCT VINYL COMPOSITION TILE W WSCOT WAINSCOT WC WATER CLOSET WIN WINDOW WP WATERPROOF (ING) WRB WEATHER RESISTANT BARRIER WWF WELDED WIRE FABRIC WWM WELDED WIRE MESH WT WEIGHT W WEST, WASHER W/ WITH W/D WASHER / DRYER X X AND L ANGLE @ AT CL CENTERLINE u CHANNEL Ø DIAMETER PL PLATE
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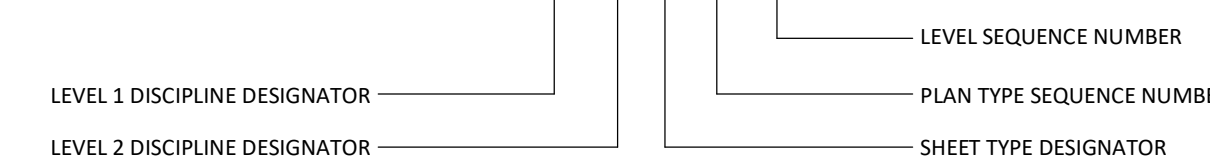
SYMBOLS USED AS ABBREVIATIONS

X	SECTION
X-X	ELEVATION
XX-XX	DETAIL
XX-XX	ITEM IDENTIFICATION SHEET WHERE ITEM IS CUT
XX-XX	NORTH ARROW

SYMBOLS & MATERIALS

	STRUCTURAL FILL		FINISHED WOOD
	UNDISTURBED EARTH		PLYWOOD
	DISTURBED EARTH		RIGID INSULATION
	GRAVEL		BATT INSULATION
	POURED CONCRETE		SPRAYFOAM INSULATION
	CONCRETE BLOCK VENEER		SAND, PLASTER, GROUT
	BRICK VENEER		METAL
	EIFS		STEEL
	ROUGH WOOD		WINDOW TYPE
	BLOCKING		DOOR NUMBER
	SECTION		ROOM NUMBER
	ELEVATION		WALL TYPE 'X'-X"
	DETAIL		REVISION NUMBER
	ITEM IDENTIFICATION SHEET WHERE ITEM IS CUT		KEY NOTE
	NORTH ARROW		DEMOLITION NOTE
	ROOM FINISH KEY		FINISH TAG
			EQUIPMENT TAG

A-102



*** NOTE ***
 THE SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET MAY OR MAY NOT BE USED IN THIS SET OF DRAWINGS

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DATE: 11/19/2024

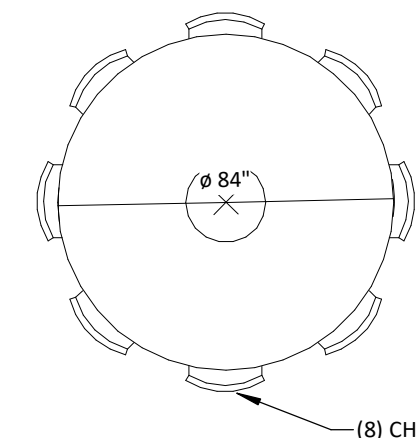
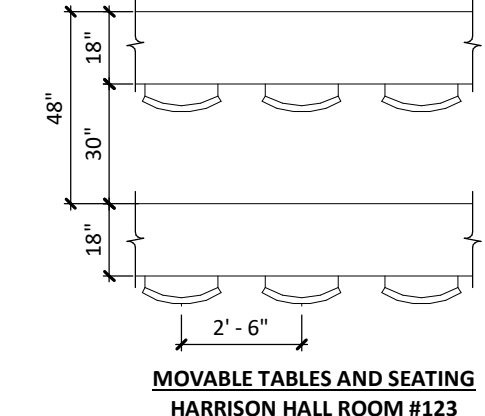
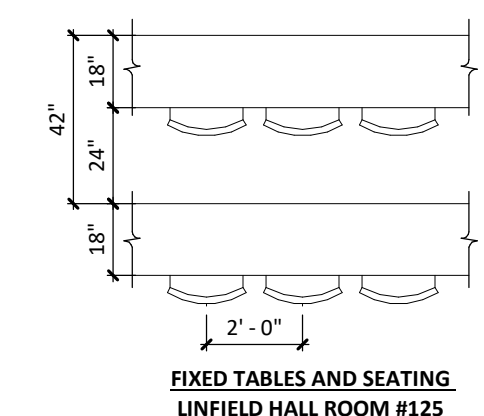
REVISIONS:

ARCHITECTURAL NOTES

A-001

CLASSROOM DEMO KEYNOTES

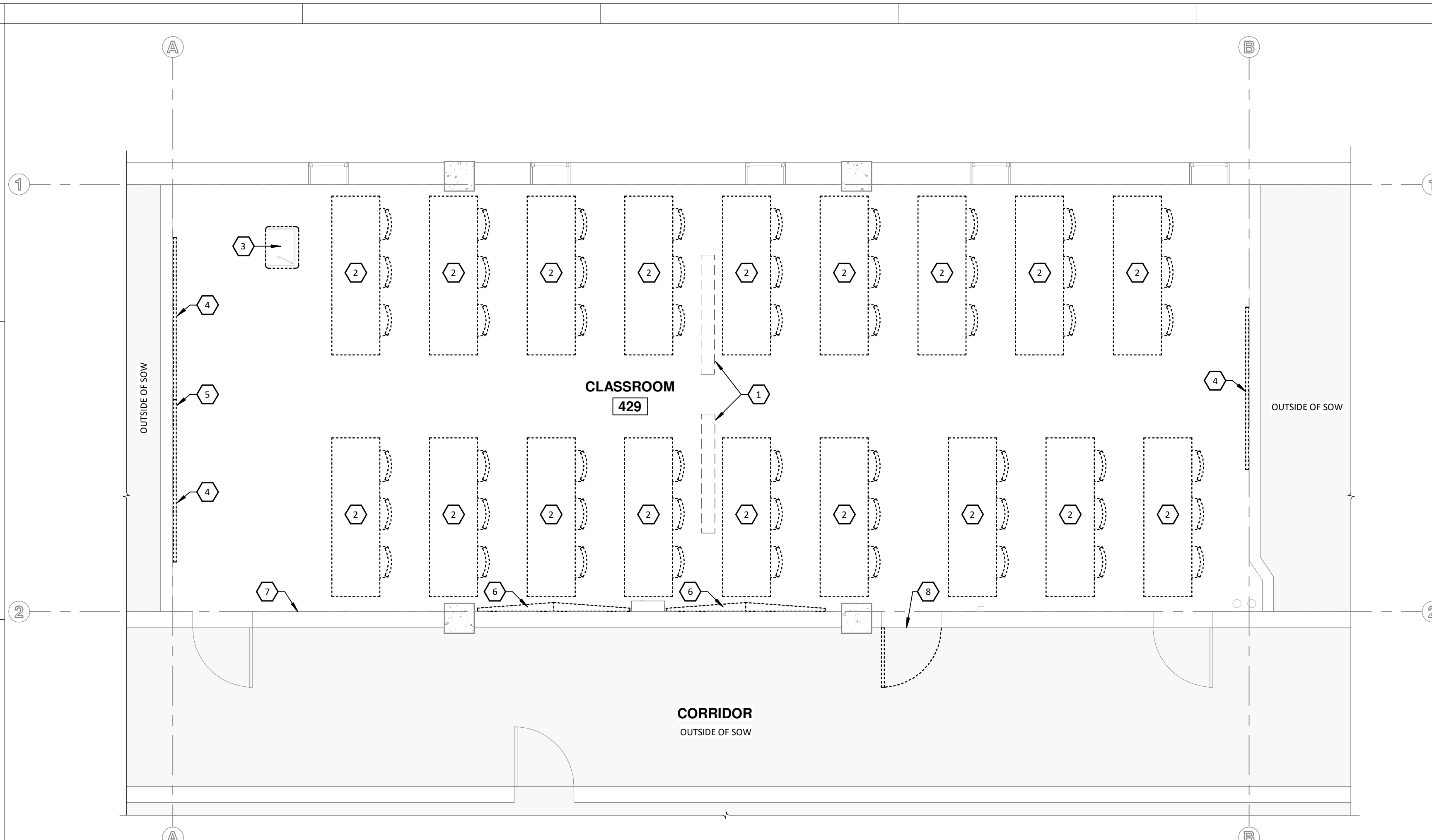
- 1 REMOVE SUSPENDED 75" TV'S AND MOUNTS. DELIVER TO OWNER'S STORAGE ON CAMPUS
- 2 REMOVE TABLES AND CHAIRS, TYP. DELIVER TO OWNER'S STORAGE ON CAMPUS
- 3 REMOVE LECTURN PODIUM, DELIVER TO OWNER'S STORAGE ON CAMPUS
- 4 REMOVE WHITE BOARD, DELIVER TO OWNER'S STORAGE ON CAMPUS
- 5 REMOVE PROJECTOR SCREEN, DELIVER TO OWNER'S STORAGE ON CAMPUS
- 6 REMOVE ACOUSTIC WALL TREATMENT, RECYCLE WHERE POSSIBLE, DISPOSE OTHERWISE
- 7 REMOVE RUBBER BASE ON ALL WALLS, RECYCLE WHERE POSSIBLE, DISPOSE OTHERWISE
- 8 REMOVE DOOR AND INFILL OPENING. RECYCLE WHERE POSSIBLE, DISPOSE OTHERWISE



TIERED SEATING HEIGHTS:
LOW - 29" A.F.F.
MEDIUM - 36" A.F.F.
HIGH - 42" A.F.F.

3 FURNITURE KEY

1/4" = 1'-0"



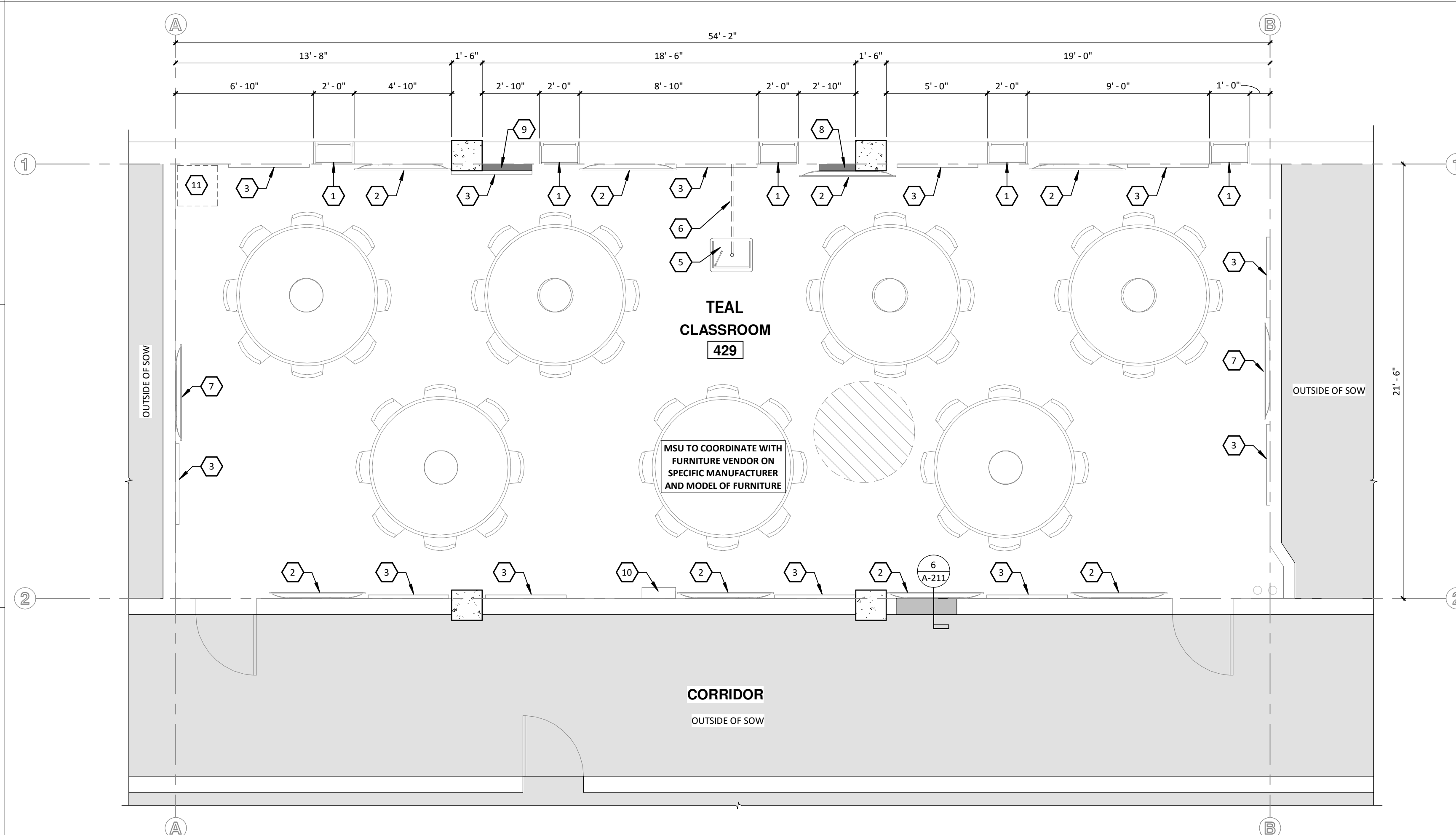
1 DEMO FLOOR PLAN
1/4" = 1'-0"

APPROXIMATE OCCUPANCY: 54 (21.5 S.F./STUDENT)

CLASSROOM PLAN KEYNOTES

- 1 MOTORIZED LIGHT FILTERING SHADES, CONTROLLED AT LECTERN PODIUM. FIELD VERIFY DIMENSIONS (CFCI)
- 2 55" DIAGONAL TV, WALL MOUNTED
- 3 FIXED 4' x 4' WHITEBOARD, NO TRAY (CFCI)
- 4 ACOUSTICAL WALL TREATMENT
- 5 LECTERN PODIUM, B.O.D: DELUXE LECTERN - LE3040 (OFOI)
- 6 POWER/DATA SUPPLY AT LECTERN PODIUM (OFOI)
- 7 REINSTALL 75" DIAGONAL TV, WALL MOUNTED
- 8 BLOCKING BEHIND TV AND MOUNT TO BE FLUSH WITH EXISTING COLUMN
- 9 BLOCKING BEHIND WHITEBOARD TO BE FLUSH WITH EXISTING COLUMN
- 10 EXISTING ELECTRICAL PANEL
- 11 AV EQUIPMENT CABINET (OFOI)

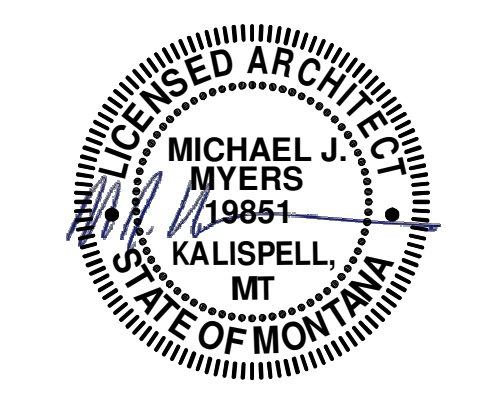
- GENERAL NOTES:**
- A. TV WALL MOUNTS ARE OFCI.
 - B. BACKING FOR MOUNTS ARE CFCI.
 - C. TV'S ARE OFOI.
 - D. TABLES AND CHAIRS ARE OFOI.
 - E. BLOCKING TO BE 3/4" ACX PLYWOOD WITH HARDWOOD EDGE TRIM - STAINED, 36" WIDE X 24" TALL, MOUNTED 4'-6" A.F.F.



2 FLOOR PLAN
1/4" = 1'-0"

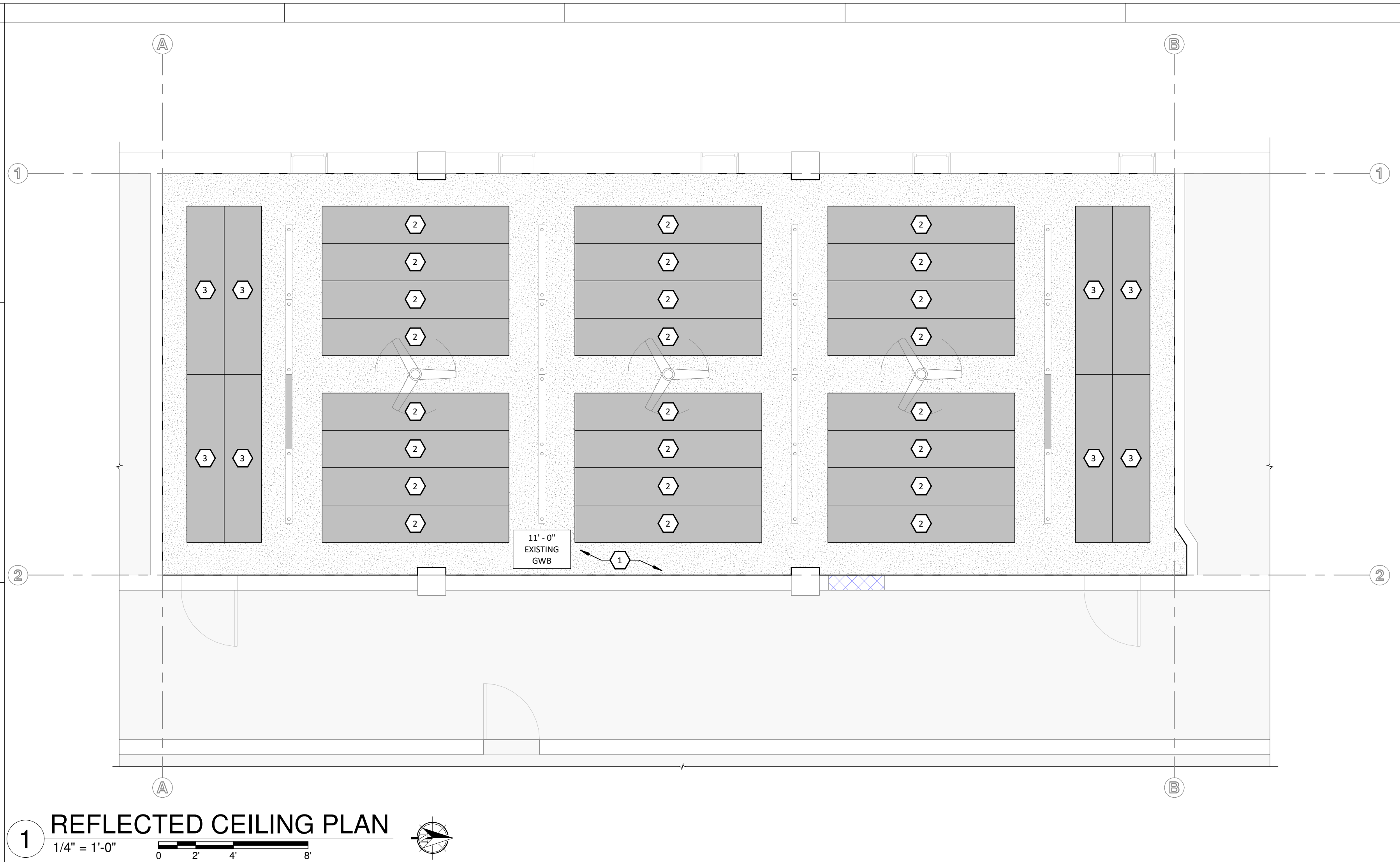
APPROXIMATE OCCUPANCY: 56 (+2 FROM EXISTING) - 20.7 S.F./STUDENT

- LEVEL 1 RCP KEYNOTES**
- 1 EXISTING CEILING TO BE RE-PAINTED, PT-1
 - 2 ACOUSTIC WALL PANEL, B.O.D: ARMSTRONG SOUNDOAK 85 FIBERGLASS, 24" x 120", 1" THICK, 0.80 NRC, COLOR: FR-701 GREY MIX, BEVELED EDGE (CFI)
 - 3 ACOUSTIC WALL PANEL, B.O.D: ARMSTRONG SOUNDOAK 85 FIBERGLASS, 24" x 108", 1" THICK, 0.80 NRC, COLOR: FR-701 GREY MIX, BEVELED EDGE (CFI)



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1 REFLECTED CEILING PLAN
 1/4" = 1'-0"
 0 2 4 8'

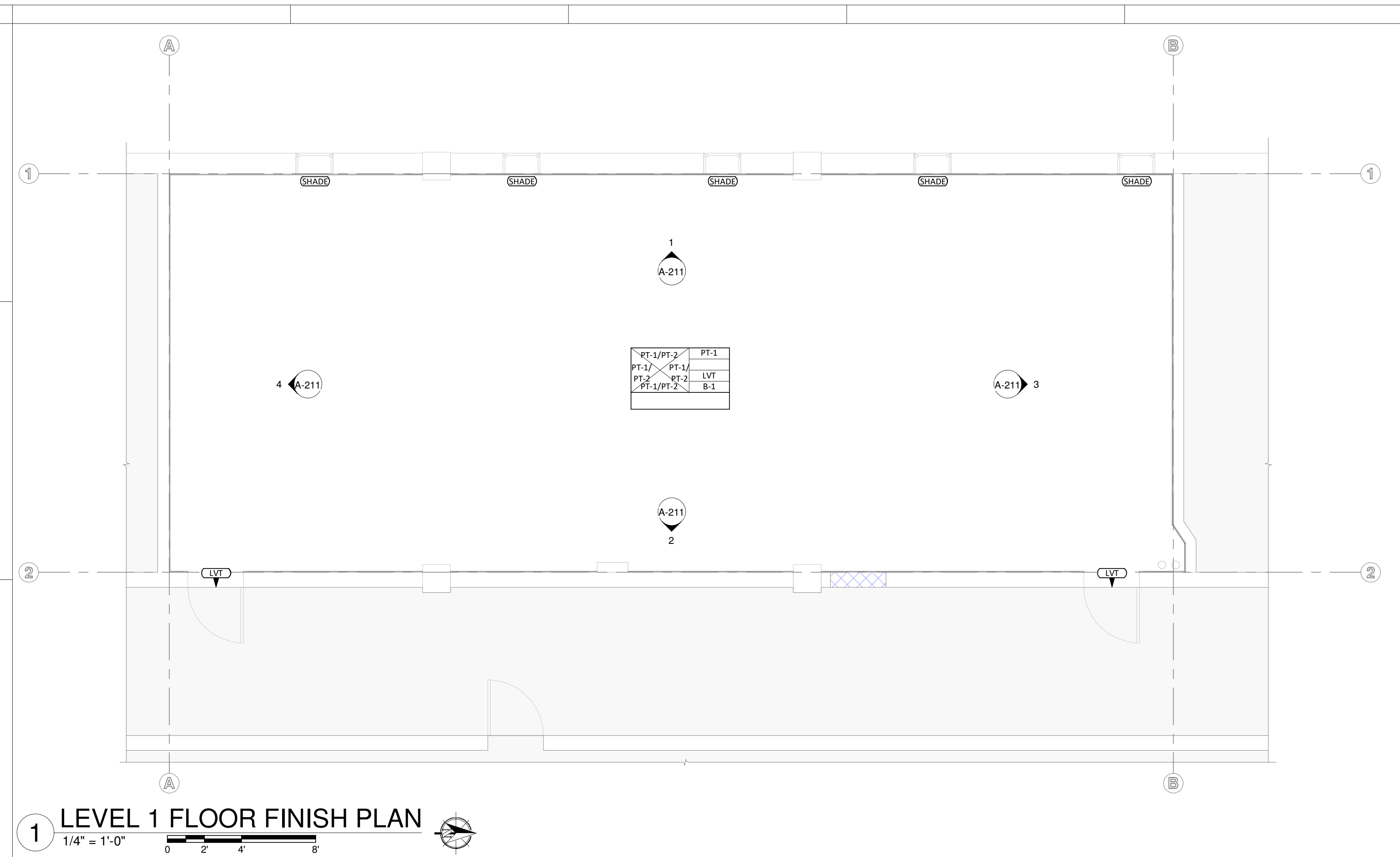
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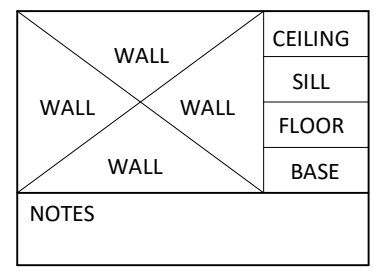
**CLASSROOM
 REFLECTED
 CEILING PLAN**



1 LEVEL 1 FLOOR FINISH PLAN
 1/4" = 1'-0"
 0 2 4 8

FINISH SCHEDULE					
TAG	KEY	COLOR	MANUFACTURER	STYLE	NOTE
B-1	6" RUBBER BASE	BLACK	JOHNSONITE	DURACOVE 6"	THERMOPLASTIC RUBBER 1/8"
LVT	LUXURY VINYL TILE	IMPLY 43518	SHAW	DIALOGUE	BRICK INSTALLATION METHOD
PT-1	PAINT	SW 7650 ELLIE GRAY	SHERWIN WILLIAMS	EGGSHELL	
PT-2	PAINT	SW 7602 INDIGO BATIK	SHERWIN WILLIAMS	EGGSHELL	
PT-3	PAINT	SW 4258 TRICORN BLACK	SHERWIN WILLIAMS	EGGSHELL	COLUMNS
SHADE	LIGHT FILTERING SHADE	WHITE	HUNTER DOUGLAS	RB 500+ AUTOMATED ROLLER SHADES	E SCREEN 7503, 3% OPENNESS
SS-1	SOLID SURFACE	DEEP STORM	CORIAN		CHAIR RAIL (9 5/8" H x 1/2" D)

ROOM FINISH KEY



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CLASSROOM FINISH PLAN

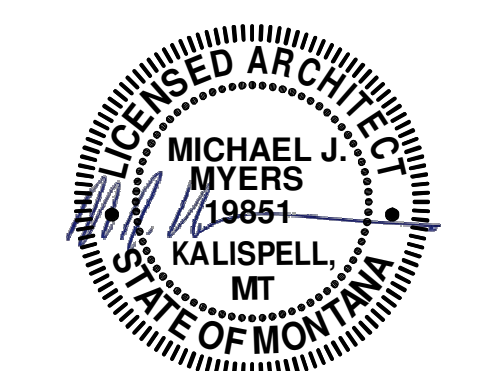
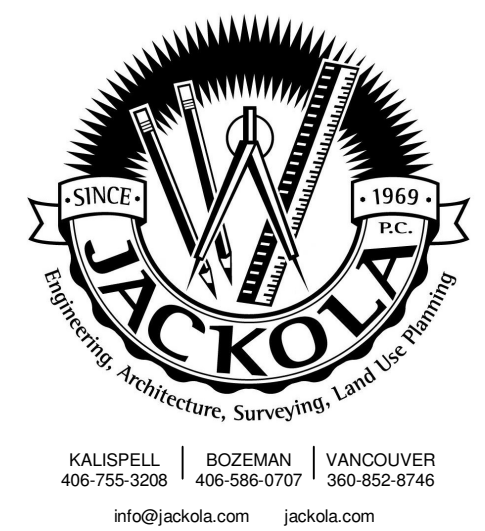
A-131

INTERIOR ELEVATION KEYNOTES

- 1 FIXED 4' x 4' WHITEBOARD, NO TRAY (FCI)
- 2 65° DIAGONAL TV, WALL MOUNTED (DFDI)
- 3 ACOUSTIC WALL PANEL, B.O.D: ARMSTRONG SOUNDOAK 85 FIBERGLASS, 18" x 72", 1" THICK, 0.80 NRC, COLOR: FR-701 GREY MKR (FCI)
- 4 REINSTALL 75° DIAGONAL TV, WALL MOUNTED (DFDI)
- 5 EXISTING ELECTRICAL PANEL
- 6 EXISTING HVAC UNIT
- 7 POE WALL CLOCK (DFCI)

GENERAL NOTES:

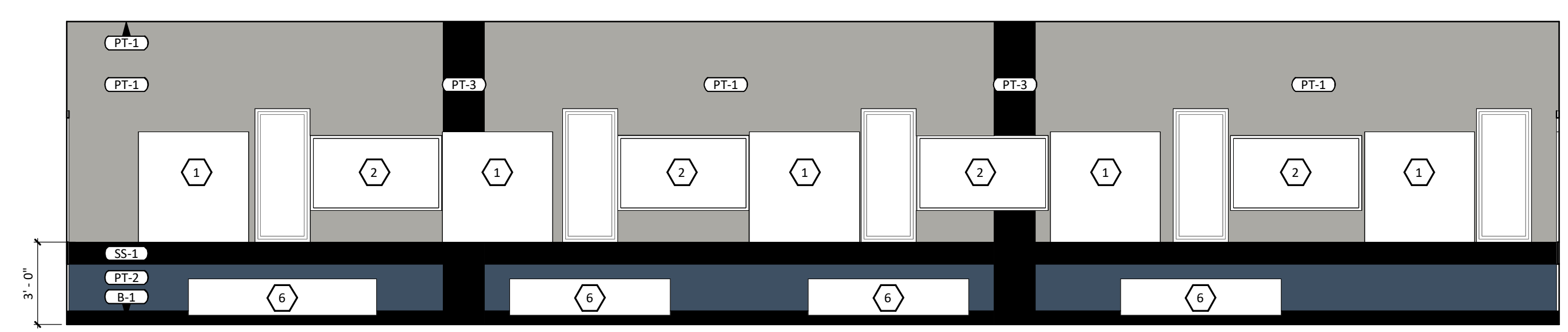
- A. TV WALL MOUNTS ARE OWNER FURNISHED CONTRACTOR INSTALLED.
- B. BACKING FOR MOUNTS ARE CONTRACTOR FURNISHED CONTRACTOR INSTALLED.
- C. TV'S ARE OWNER FURNISHED OWNER INSTALLED.
- D. BLOCKING TO BE 3/4" ACX PLYWOOD WITH HARDWOOD EDGE TRIM - STAINED, 36" WIDE X 24" TALL, MOUNTED 4'-6" A.F.F.



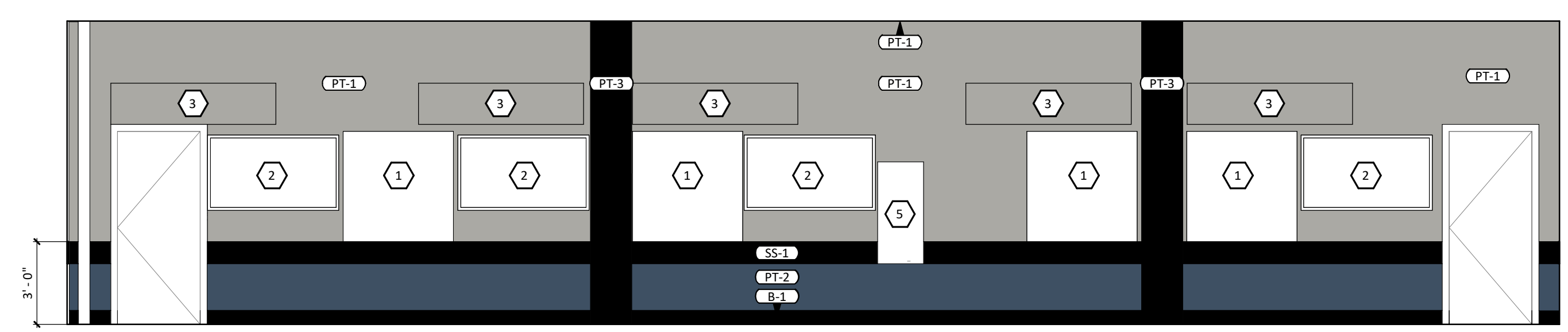
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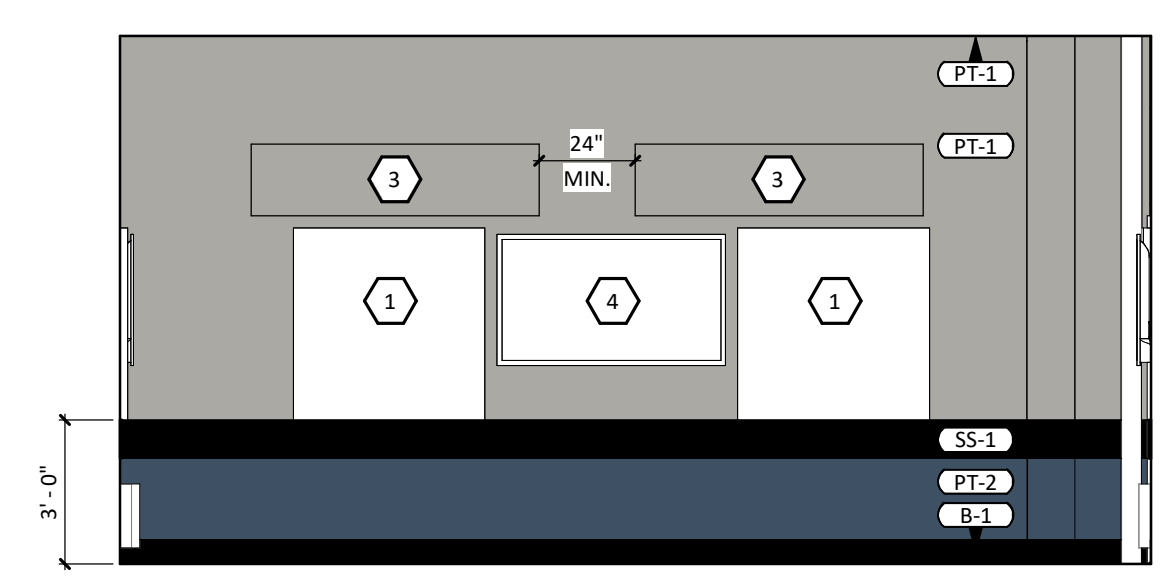
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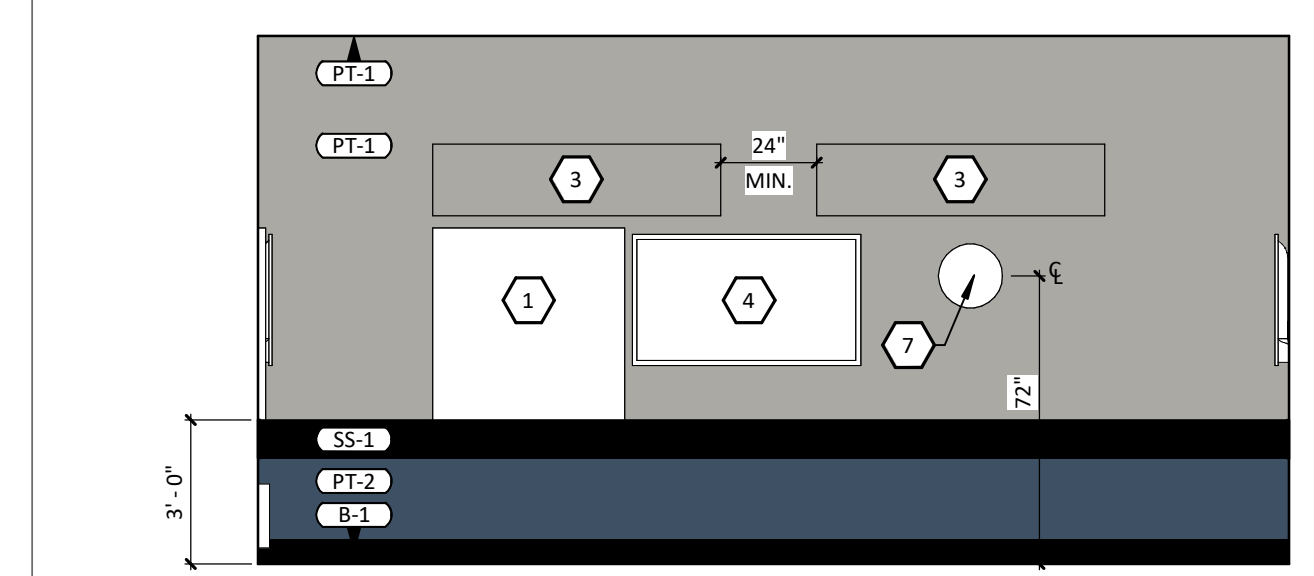
1 WEST INTERIOR ELEVATION
1/4" = 1'-0"



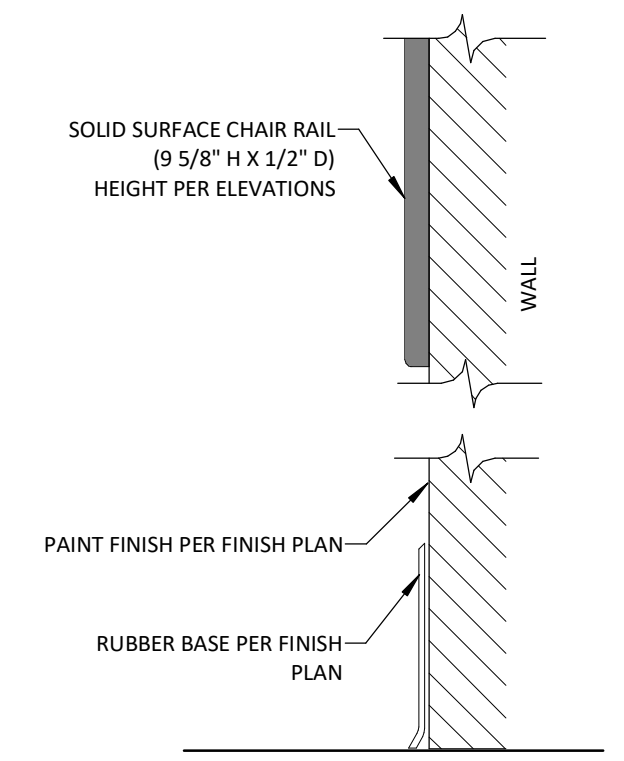
2 EAST INTERIOR ELEVATION
1/4" = 1'-0"



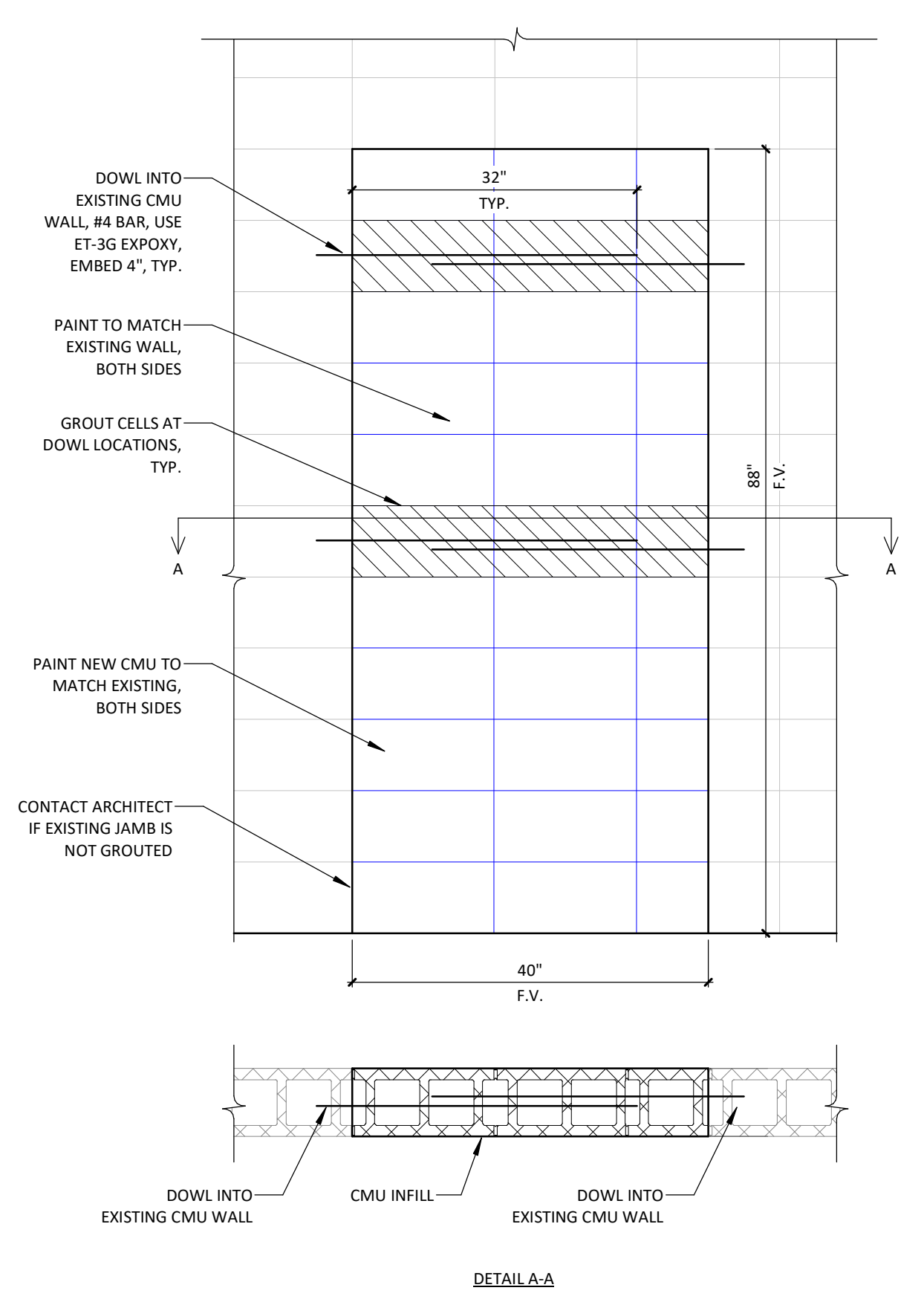
3 NORTH INTERIOR ELEVATION
1/4" = 1'-0"



4 SOUTH INTERIOR ELEVATION
1/4" = 1'-0"



5 FINISH WALL DTL
3" = 1'-0"



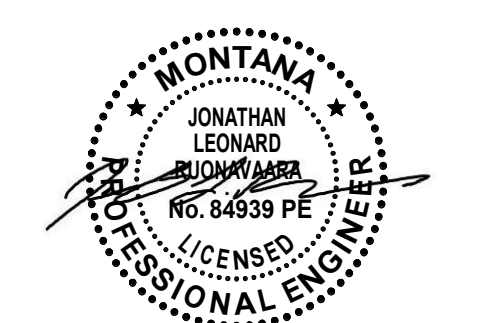
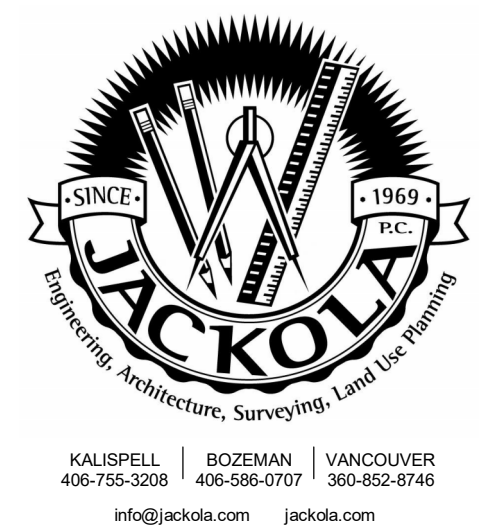
6 CMU INFILL DETAIL
3/4" = 1'-0"

DRAWN: KCE CHECKED: MJM

DATE: 11/19/2024

REVISIONS:

INTERIOR ELEVATIONS



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ELECTRICAL SYMBOL LEGEND

Table with 3 columns: SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION, SYMBOL, DESCRIPTION. Lists various electrical symbols and their corresponding descriptions.

ELECTRICAL ABBREVIATIONS LIST

Table with 4 columns: ABBREVIATION, DESCRIPTION, ABBREVIATION, DESCRIPTION, ABBREVIATION, DESCRIPTION. Lists electrical abbreviations and their meanings.

GENERAL ELECTRICAL NOTES AND SPECIFICATIONS

GENERAL NOTES: 1. ALL WORK SHALL CONFORM TO ALL APPLICABLE REQUIREMENTS OF FEDERAL AND STATE CODES... CONTRACTOR RESPONSIBILITIES: 1. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL ELECTRICAL WORK... GROUNDING AND BONDING FOR ELECTRICAL SYSTEM: 1. GROUNDING AND BONDING WORK SHALL COMPLY WITH REQUIREMENTS OF NEC, LOCAL UTILITY, TELEPHONE COMPANY REQUIREMENTS, AND AHI.

SPECIFIC CODE NOTES

FIRE PROTECTION & SOUND REQUIREMENTS: A. PENETRATIONS IN WALLS REQUIRING PROTECTED OPENINGS MUST BE FIRESTOPPED WITH AN APPROVED MATERIAL... E-102 LEVEL 1 DISCIPLINE DESIGNATOR... LEVEL 2 DISCIPLINE DESIGNATOR

ELECTRICAL SYMBOL NOTES

66.27.00 WIRING DEVICES: 1. LOCATION AND MOUNTING HEIGHTS OF RECEPTACLES AND SWITCHES AS INDICATED ON ARCHITECTURAL ELEVATIONS... 27.00.00 COMMUNICATIONS: 1. ROUGH-IN BY CONTRACTOR... 28.00.00 FIRE DETECTION AND ALARM: 1. NICET CERTIFIED CONTRACTOR SHALL REMOVE AND REINSTALL DEVICES AS REQUIRED TO ACCOMMODATE CONSTRUCTION.

CODE COMPLIANCE

BUILDING ELECTRICAL SYSTEMS ARE DESIGNED IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS: 2012 IRC (INTERNATIONAL BUILDING CODE), 2021 IEBC (INTERNATIONAL EXISTING BUILDING CODE), 2017 ICC A117.1 - ACCESSIBILITY, 2020 NFPA 70 (NATIONAL ELECTRICAL CODE), 2019 NFPA 72, MONTANA STATE UNIVERSITY - BOZEMAN ENGINEERING GUIDELINES REVISION 04-05-2024

ELECTRICAL MOUNTING HEIGHTS

Table with 2 columns: RECEPTACLE, SWITCH, THERMOSTAT, DATA/TEL, PANELBOARD, FA PULL STATION, FA HORN STROBE, FA HORN HORN, TV/AV/INTERCOM, EXIT SIGN. Lists mounting heights for various electrical components.

ELECTRICAL SHEET INDEX

Table with 2 columns: SHEET NUMBER, SHEET TITLE. Lists sheet numbers and titles: E-001 ELECTRICAL TITLE SHEET, ED111 ELECTRICAL DEMOLITION PLAN, E-111 LIGHTING PLAN, E-121 POWER PLAN.

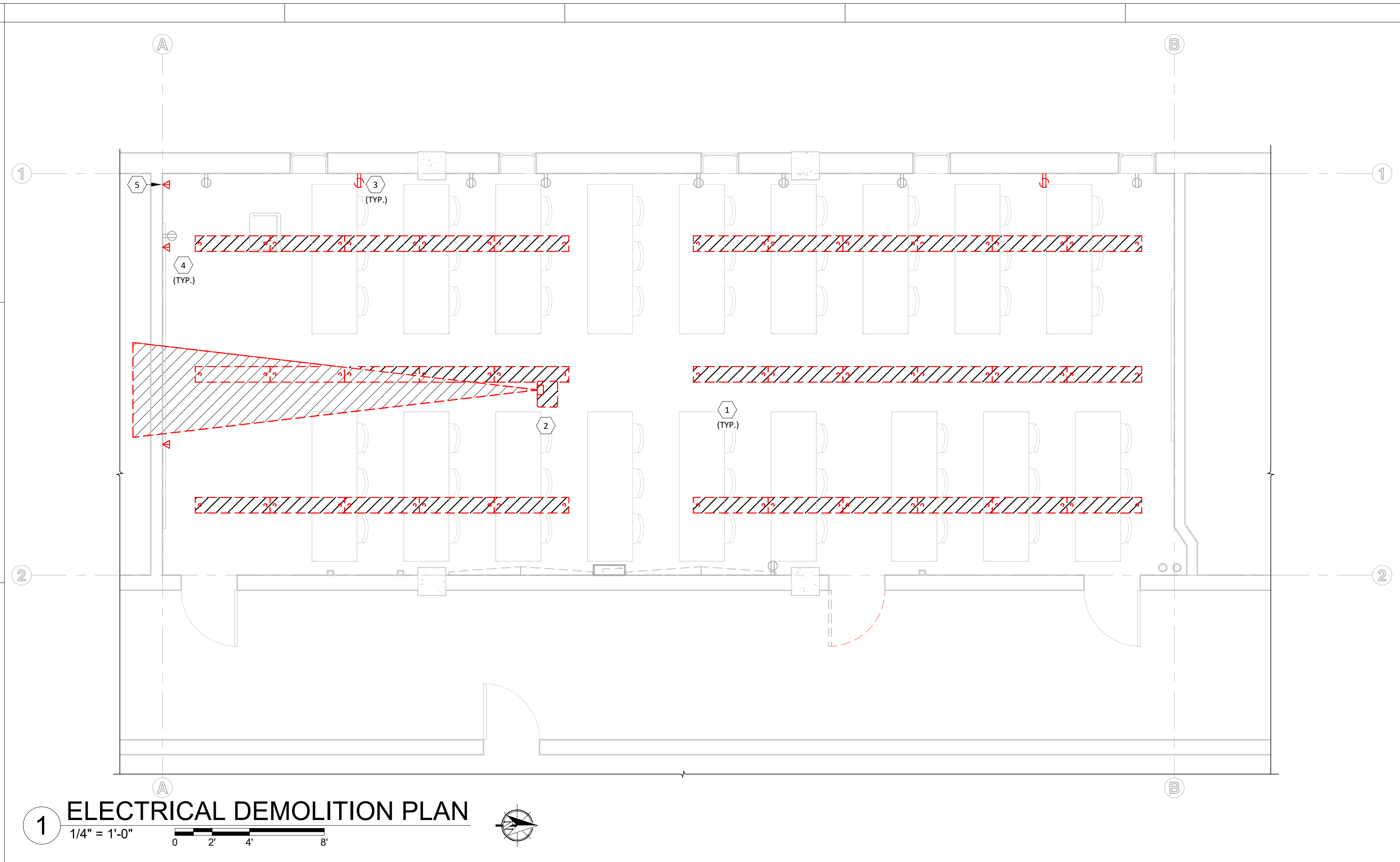
DRAWN: CDH CHECKED: JLR

DATE: 11/19/2024

REVISIONS:

ELECTRICAL TITLE SHEET

E-001



1 ELECTRICAL DEMOLITION PLAN
 1/4" = 1'-0"
 0 2 4 8'

DEMOLITION GENERAL NOTES

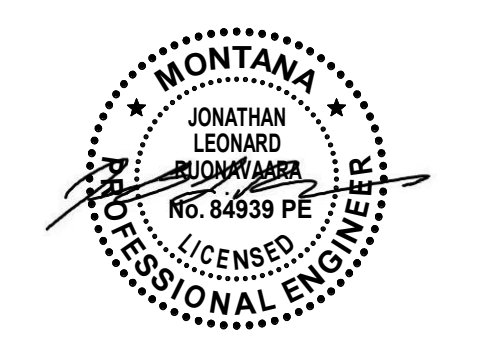
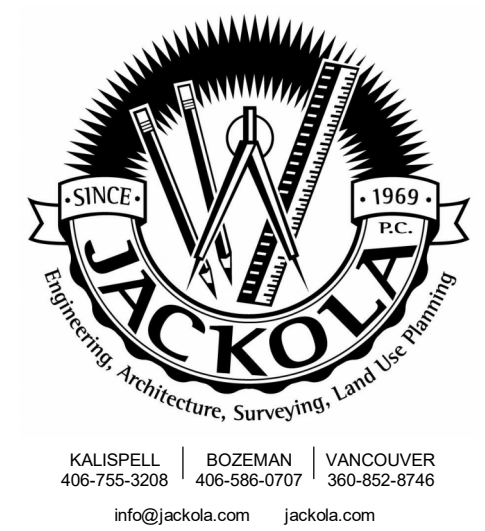
- SAVE CIRCUITS FROM DEMOLISHED ELECTRICAL COMPONENTS FOR REUSE. COORDINATE ELECTRICAL DEMOLITION WORK WITH GENERAL CONTRACTOR.
- FURNISH AND INSTALL CONDUIT AND WIRE AS NECESSARY FOR CONTINUITY OF ANY FEEDERS OR BRANCH CIRCUITS ORIGINATING OUTSIDE THE DEMOLITION AREA THAT SERVES ANY ELECTRICAL EQUIPMENT OR DEVICES TO REMAIN AFTER DEMOLITION. MODIFY OR REPLACE AS REQUIRED.
- NOT ALL EXISTING DEVICES/EQUIP ARE SHOWN. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL DEMOLITION WORK WITH EXISTING CONDITIONS.
- REROUTE/REINSTALL DEMOLISHED ELECTRICAL AS NOTED. DISPOSE OF ALL OTHER DEMOLISHED ELECTRICAL MATERIALS IN A SAFE AND LEGAL MANNER.

KEYNOTES

- 1 DEMOLISH ALL SUSPENDED LIGHT FIXTURES IN ROOM. SAFE OFF EXISTING CIRCUITING FOR RECONNECTION OF NEW FIXTURES, SEE KEYNOTE 1/E-111.
- 2 DEMOLISH EXISTING PROJECTOR. REMOVE WIRING BACK TO NEAREST JUNCTION BOX.
- 3 UNLESS NOTED OTHERWISE, REPLACE HALFTONED EXISTING RECEPTACLE AND PHONE DATA DEVICES AND COVERS. REUSE EXISTING BOXES, CONDUIT, AND WIRING. SEE KEYNOTE 4/E-121.
- 4 DEMOLISH DEVICE, WIRING, AND RACEWAY WHERE SHOWN IN DASHED BOLD.
- 5 DEMOLISH EXISTING SURFACE RACEWAY, POWER, AND DATA WIRING BACK TO NEAREST ACCESSIBLE JUNCTION BOX. REROUTE DATA TO NEW LECTURN, SEE KEYNOTE 2/E-121.

DIVISION OF RESPONSIBILITY:

- CONTRACTOR FURNISHED, CONTRACTOR INSTALLED (CFCI) :**
 JUNCTION BOXES, CONDUIT, & HOOKS
 SHADES
 BACKING FOR ALL MOUNTS
- OWNER FURNISHED, CONTRACTOR INSTALLED (OFCI) :**
 CENTER PEDESTAL FOR THE WIRED DESKS (ADD ALTERNATE #4)
 MOUNTS FOR TVS, PROJECTORS, & CAMERAS
 PROJECTOR SCREENS
 SPEAKERS
 FANS
- OWNER FURNISHED, OWNER INSTALLED (OFOI) :**
 LECTURNS
 AV CONTROLS, INCLUDING LIGHTING CONTROLS
 AV EQUIPMENT, INCLUDING TVS, PROJECTORS, WAP, SWITCHES, & COVER PLATES
 AV EQUIPMENT CABINETS
 ALL AV CABLES & WIRING
 WALL CLOCKS



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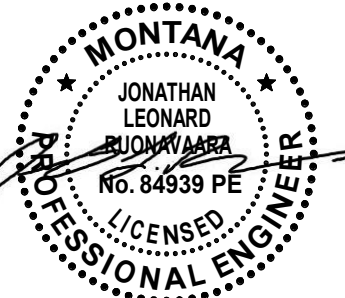
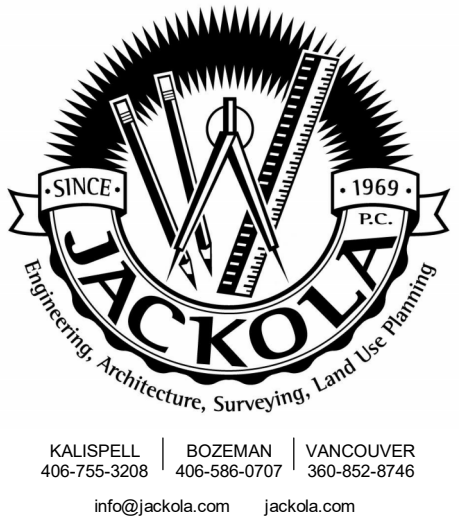
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REVISIONS:

ELECTRICAL DEMOLITION PLAN

ED111



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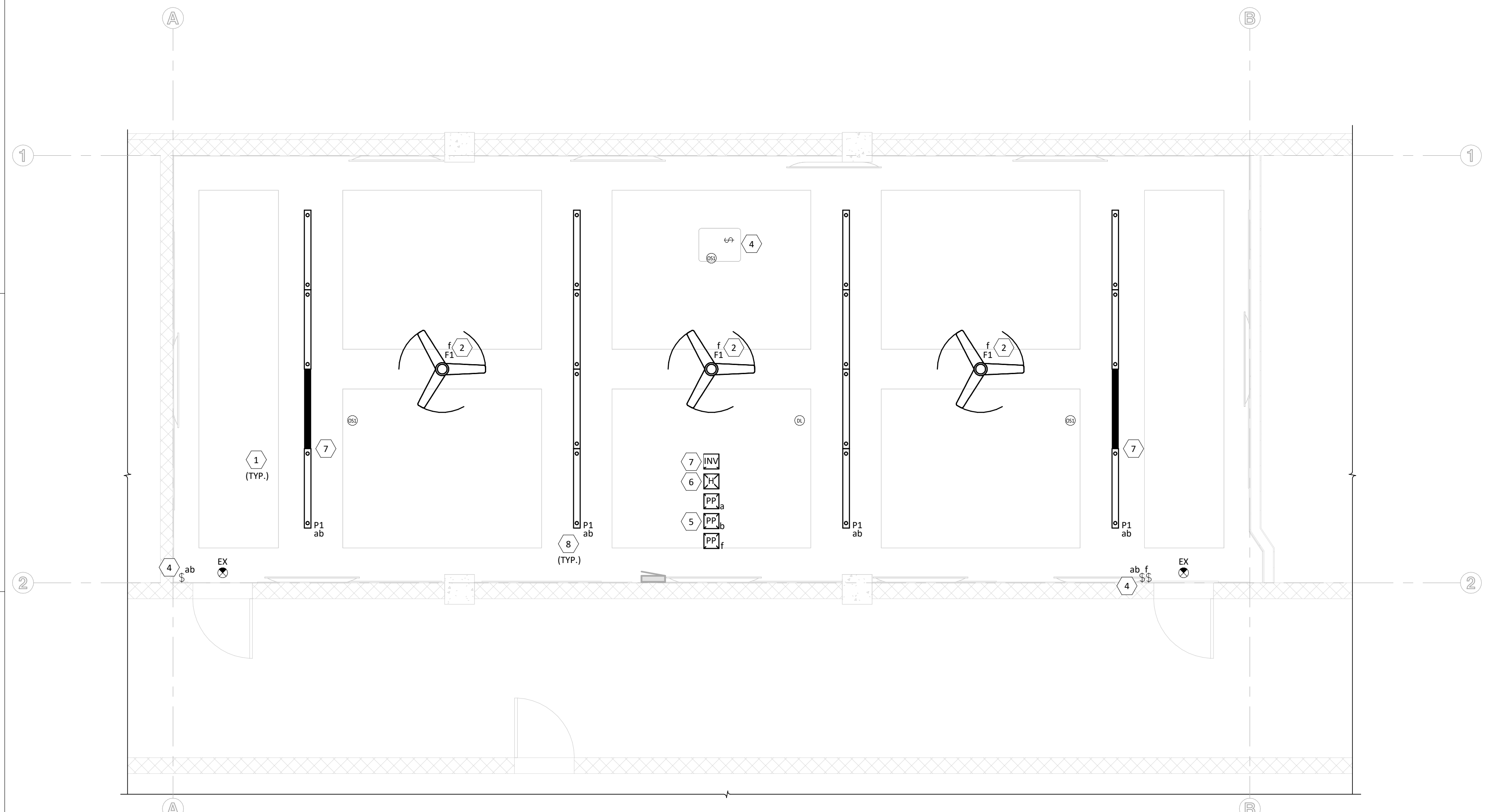
LIGHTING GENERAL NOTES

- LIGHTING LAYOUT AND PLACEMENT IS SCHEMATIC ONLY. COORDINATE EXACT LOCATION OF LIGHT FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLAN TO AVOID INTERFERENCE WITH MECHANICAL, PLUMBING, AND STRUCTURAL SYSTEMS.
- EXIT AND EMERGENCY EGRESS LIGHTING SHALL BE NON-SWITCHED AND CIRCUITED TO THE NEAREST INTERIOR LIGHTING CIRCUIT. EMERGENCY FIXTURES SHALL HAVE A 90 MINUTE MINIMUM BATTERY BACKUP. WHERE EMERGENCY FIXTURES HAVE AN ADJUSTABLE HEAD, DIRECT LIGHT TOWARDS PATH OF EGRESS.
- CIRCUIT WIRING IS NOT SHOWN EXCEPT FOR SWITCHING INTENT OF FIXTURES AND CONTROL OF DEVICES. PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE CIRCUITING AND SWITCHING SHOWN.
- SEE ELECTRICAL SYMBOL NOTES ON TITLE SHEET E-001 FOR SWITCHING NOMENCLATURE. SWITCHES DESIGNATED WITH LOWER CASE LETTERS TO CONTROL FIXTURES WITH MATCHING DESIGNATIONS.
- CIRCUIT NUMBERS NOT SHOWN. REUSE EXISTING LIGHTING CIRCUITS.

KEYNOTES

- RECONNECT/REUSE EXISTING CIRCUITING FOR NEW FIXTURES AS POSSIBLE. SEE KEYNOTE 1/ED111. REWIRE AS NECESSARY, CONFORM TO NEC ARTICLE 300 FOR WIRING METHODS.
- CEILING FANS ARE OCL. COORDINATE EXACT FAN LOCATION AND MOUNTING WITH GC ON-SITE. ROUTE FAN POWER TO LUTRON VIVE CONTROLLER, SEE KEYNOTE 5/E-111.
- NOT USED.
- LUTRON VIVE SWITCHING WITH DIMMING, PROVIDED BY OWNER'S AV DEPARTMENT.
- LUTRON VIVE POWERPACK, PROVIDED BY OWNER'S AV DEPARTMENT. MOUNT POWER PACK WITHIN 30' OF ALL CONTROLS, SENSORS, AND DEVICES. ROUTE FIXTURE AND FAN POWER AND CONTROLS BACK TO APPROPRIATE POWERPACK.
- LUTRON VIVE HUB, PROVIDED BY OWNER'S AV DEPARTMENT. ROUTE 1-1/2" DATA CABLE PATHWAY FROM HUB TO 521A TELECOMM ROOM.
- PROVIDE AND INSTALL 100VA BATTERY BACKUP INVERTER, BASIS OF DESIGN: BODINE ELI-S-100 OR APPROVED EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATION. FEED EMERGENCY SECTION OF CONTROL SWITCH LEG a OF EMERGENCY FIXTURE FROM INVERTER.
- TYPE L1 FIXTURES HAVE 2 CONTROL CIRCUITS. DIRECT ILLUMINATION CONTROLLED BY SWITCH CIRCUIT a, INDIRECT ILLUMINATION CONTROLLED BY SWITCH CIRCUIT b. ROUTE CONTROLS BACK TO POWERPACK, SEE KEYNOTE 5/E-111.

- DIVISION OF RESPONSIBILITY:**
- CONTRACTOR FURNISHED, CONTRACTOR INSTALLED (CFCI):**
 JUNCTION BOXES, CONDUIT, & HOOKS
 SHADES
 BACKING FOR ALL MOUNTS
- OWNER FURNISHED, CONTRACTOR INSTALLED (OFCI):**
 CENTER PEDESTAL FOR THE WIRED DESKS (ADD ALTERNATE #4)
 MOUNTS FOR TVS, PROJECTORS, & CAMERAS
 PROJECTOR SCREENS
 SPEAKERS
 FANS
- OWNER FURNISHED, OWNER INSTALLED (OFOI):**
 LECTURNS
 AV CONTROLS, INCLUDING LIGHTING CONTROLS
 AV EQUIPMENT, INCLUDING TVS, PROJECTORS, WAP, SWITCHES, & COVER PLATES
 AV EQUIPMENT CABINETS
 ALL AV CABLES & WIRING
 WALL CLOCKS

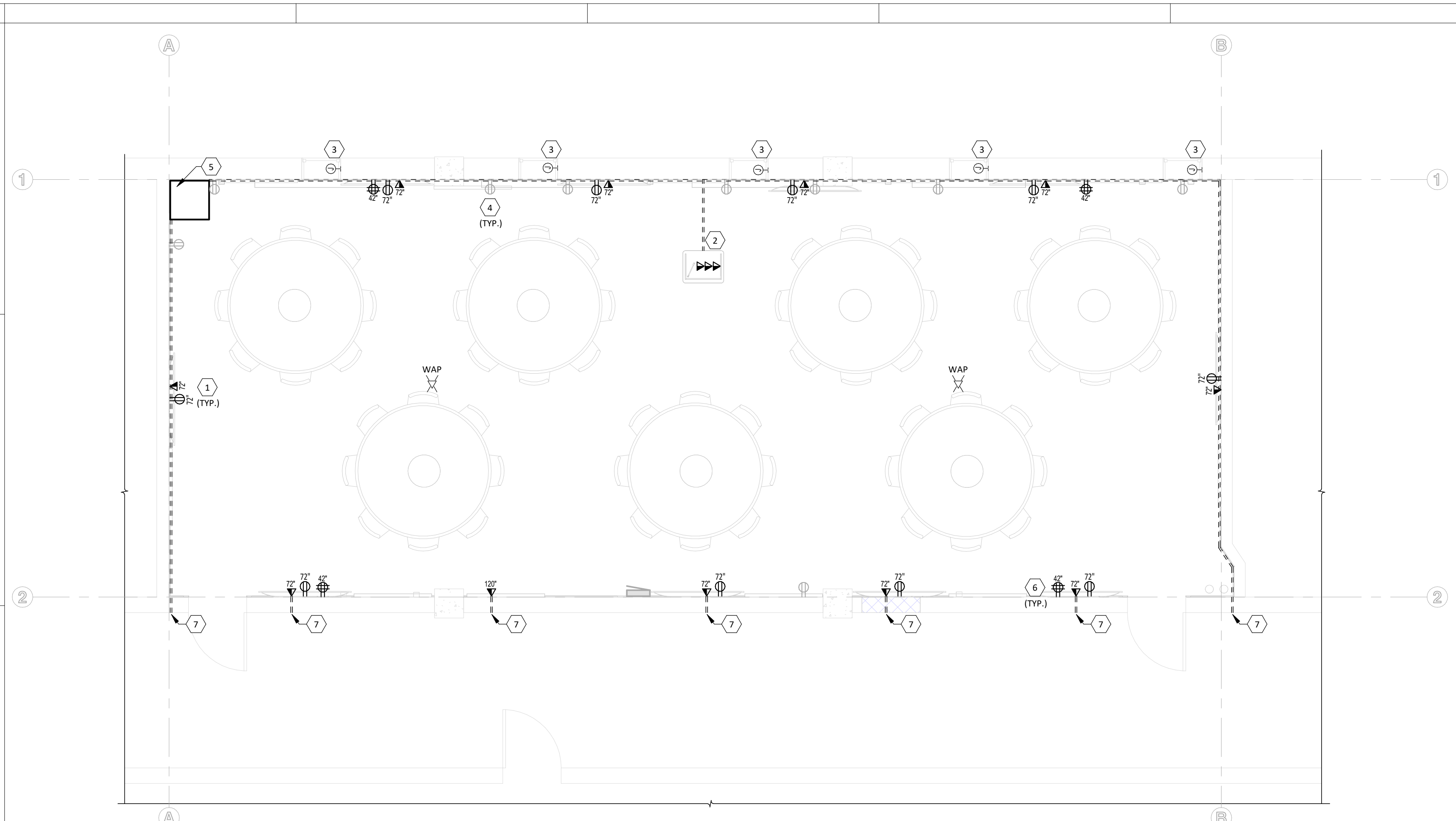


1 LIGHTING PLAN
 1/4" = 1'-0"
 0 2 4 8'

LIGHTING FIXTURE SCHEDULE

TAG	DESCRIPTION	MFR	BASIS OF DESIGN		MOUNTING	VOLT	WATTS	LED LAMP			NOTE
			CATALOG SERIES					COLOR TEMP	LUMENS	CRI	
EX	EXIT - WALL MOUNT	LITHONIA	EDG 1 R EL SD		WALL/SURFACE	120 V	5 W	NA	0 lm	NA	MOUNT BOTTOM OF SIGN 12" ABOVE DOOR.
P1	LINEAR SUSPENDED PENDANT - 16'	LUMENWERX	SQUP-DI-MRO35-BK-WIO2-SW-90CRI-1000LMF-750LMF-35K-16FT0IN-UNV-D1-2C-NA-ACS-B		PENDANT	120 V	289 W	3500K	28000 lm	90	SUSPEND FIXTURES 12" BELOW CEILING. BOLD SECTION IS EMERGENCY BACKUP.

REVISIONS:



1 POWER PLAN
 1/4" = 1'-0"
 0 2 4 8'

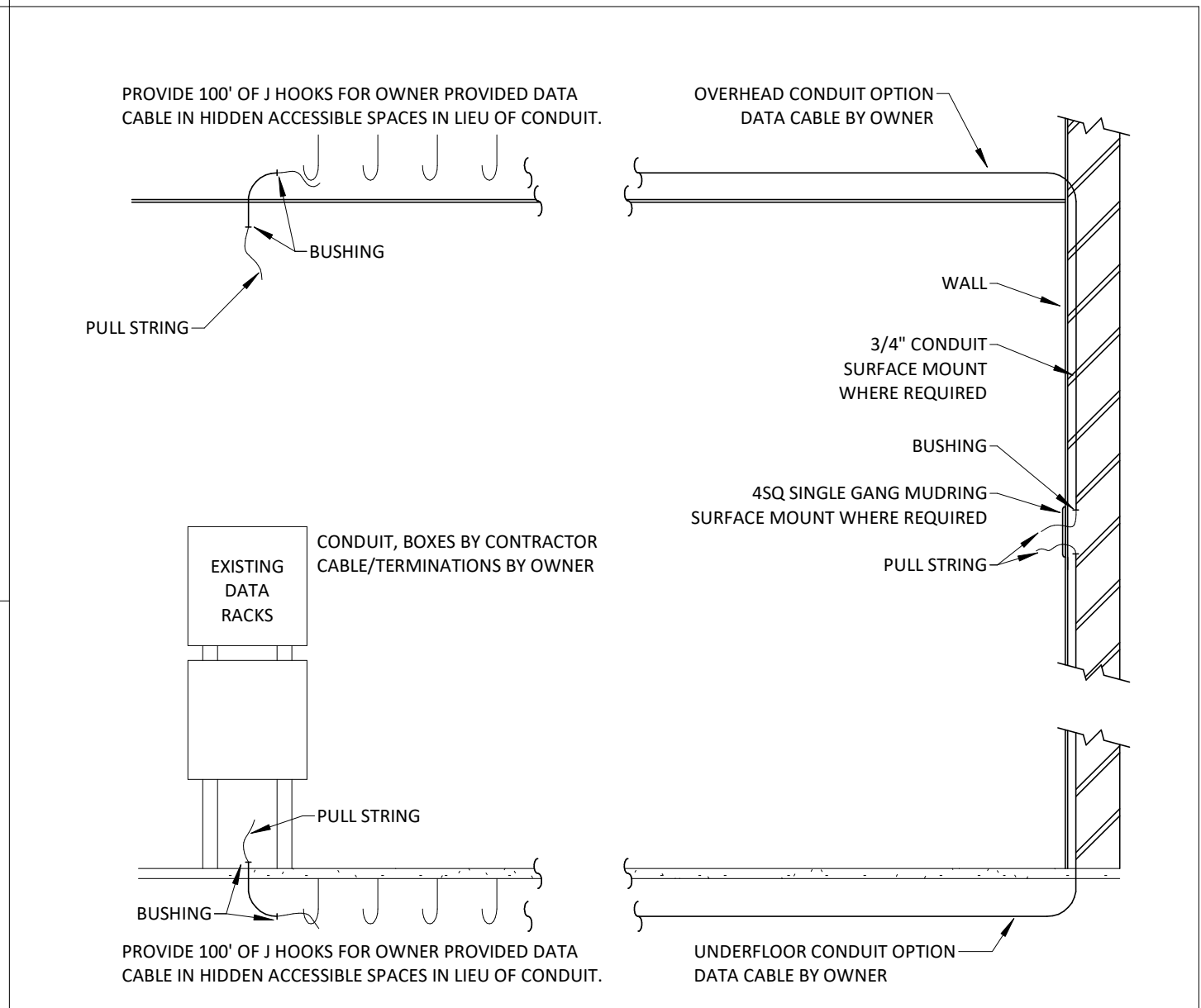
POWER GENERAL NOTES

- PRIOR TO ROUGH-IN AND INSTALLATION, ELECTRICAL CONTRACTOR SHALL FIELD VERIFY THE LOCATION AND REQUIREMENTS OF ALL ELECTRICAL ITEMS. COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS OF HVAC EQUIPMENT.
- CONDUIT IS REQUIRED, PROVIDE 3/4" EMT (MINIMUM) HOMERUNS FOR ALL BRANCH CIRCUITS.
- WHERE POSSIBLE, CONCEAL ALL CONDUITS AND RACEWAYS EXCEPT ABOVE ACT CEILINGS.
- FIRE SEAL ALL PENETRATIONS IN FIRE RATED ASSEMBLIES, SEE FIRE PROTECTION NOTES ON E-001.
- CIRCUIT WIRING IS NOT SHOWN EXCEPT FOR SWITCHING INTENT OF FIXTURES AND CONTROL OF DEVICES. PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE CIRCUITING AND SWITCHING SHOWN.
- ROUTE ALL DATA CABLE PATHWAYS TO 521A TELECOMM ROOM, SEE DETAIL 2/E-221.
- LIMIT LENGTHS OF EXPOSED RACEWAYS WHERE POSSIBLE, MATCH EXISTING INSTALLATION/ROUTING METHODS.
- ROUTE NEW CIRCUITS TO ELECTRICAL PANEL IN ROOM 401, SEE G-001 FOR LOCATION.

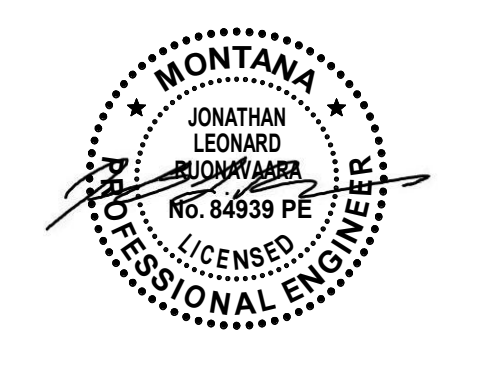
KEYNOTES

- 1 DATA AND POWER FOR NEW TV LOCATIONS. TV MOUNTS OFCI, TV OFOI. VERIFY QUANTITY, LOCATION, ROUTING, AND CIRCUITRY WITH GC ONSITE PRIOR TO INSTALL.
- 2 REROUTE EXISTING POWER VIA (2) RUNS OF SURFACE WIREMOLD FROM DEMOLISHED LOCATION TO NEW LECTURN, SEE KEYNOTE 3/ED111. BASIS OF DESIGN: FSR SMART-WAY FLOOR RACEWAY OR APPROVED EQUAL. COORDINATE EXACT LOCATION AND WIREMOLD SELECTION WITH OWNER. COORDINATE ALL REROUTED CONTROLS REQUIREMENTS WITH OWNER'S IT DEPARTMENT PRIOR TO INSTALL.
- 3 WINDOW SHADE BY CONTRACTOR, VERIFY ELECTRICAL REQUIREMENTS AND MOUNTING WITH GC ONSITE.
- 4 REPLACE HALF TONE EXISTING RECEPTACLE AND PHONE DATA DEVICES AND COVERS. REUSE EXISTING BOXES, CONDUIT, AND WIRING. SEE DEMO KEYNOTE 3/ED111.
- 5 IT CABINET, OFOI. PROVIDE AND INSTALL (2) 1-1/2" C FROM DATA CABLE PATHWAY TO 521A TELECOMM ROOM.
- 6 CIRCUIT NUMBERS NOT SHOWN, REUSE EXISTING CIRCUITS TO THE EXTENT POSSIBLE FOR GENERAL PURPOSE RECEPTACLES. PROVIDE (2) NEW CIRCUITS TO ROOM POWER FROM PANEL IN ROOM 401. DO NOT EXCEED CIRCUIT AMPACITY, VERIFY EXISTING CONDITIONS AND CIRCUITING ONSITE.
- 7 ROUTE SURFACE WIREMOLD FOR DATA AROUND PERIMETER AT 108" AFF AND DOWN TO DATA LOCATIONS. VERIFY ROUTING ONSITE. BASIS OF DESIGN: FSR SMART-WAY FLOOR RACEWAY OR APPROVED EQUAL. COORDINATE EXACT LOCATION AND WIREMOLD SELECTION WITH OWNER. STUB RACEWAY INTO HALLWAY ABOVE ACCESSIBLE CEILING.

- DIVISION OF RESPONSIBILITY:**
- CONTRACTOR FURNISHED, CONTRACTOR INSTALLED (CFCI):**
 JUNCTION BOXES, CONDUIT, & HOOKS
 SHADES
 BACKING FOR ALL MOUNTS
- OWNER FURNISHED, CONTRACTOR INSTALLED (OFCI):**
 CENTER PEDESTAL FOR THE WIRED DESKS (ADD ALTERNATE #4)
 MOUNTS FOR TVs, PROJECTORS, & CAMERAS
 PROJECTOR SCREENS
 SPEAKERS
 FANS
- OWNER FURNISHED, OWNER INSTALLED (OFOI):**
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 AV EQUIPMENT CABINETS
 ALL AV CABLES & WIRING
 WALL CLOCKS



2 DATA DETAIL
 N.T.S.



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DATE: 11/19/2024

REVISIONS:

POWER PLAN

ENTIRE SHEET IS
 ADD ALTERNATE #1

E-121

PROJECT #240902