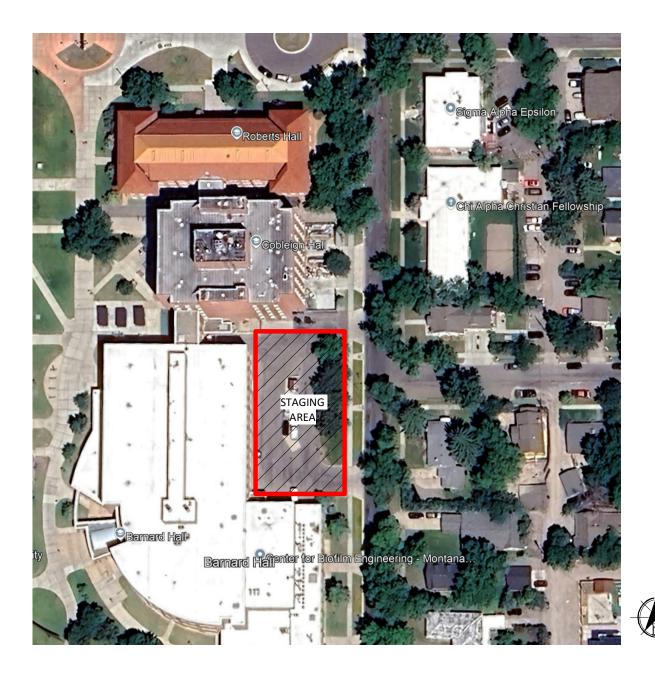


- ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH ALL GOVERNING CODES, ORDINANCES AND AUTHORITIES HAVING JURISDICTION. GENERAL CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL REQUIRED BUILDING PERMITS.
- THE GENERAL CONTRACTOR IS TO HAVE A FULL TIME QUALIFIED SUPERVISOR ON THE SITE AT ALL TIMES 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).
- 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. 9. WORDS WHICH HAVE WELL KNOWN TECHNICAL OR
- 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.
- SHALL BE PERFORMED IN A WORKMANLIKE MANNER BY PERSONS SKILLED IN THEIR RESPECTIVE TRADE AND WHO NORMALLY PARTICIPATE IN THE WORK OF THAT TRADE. TRADEMEANINGS ARE USED IN THE DRAWINGS AND
- SPECIFICATIONS IN ACCORDANCE WITH SUCH RECOGNIZED MEANINGS 11. WITHIN THE DRAWINGS AND RELATED SPECIFICATIONS THERE SHALL BE THE FOLLOWING PRECEDENCE:
  - A. ADDENDA OR MODIFICATIONS TO THE DRAWINGS AND SPECIFICATIONS TAKE PRECEDENCE OVER THE ORIGINAL, WHEN ISSUED BY THE ARCHITECT.

## **MONTANA STATE UNIVERSITY**



8. ALL ITEMS REQUIRED BY THE DRAWINGS AND SPECIFICATIONS

DIMENSIONS OVER SCALED AND NOTED MATERIALS

- OVER GRAPHIC INDICATIONS. 12. 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.
- 13. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES AND

PROCEDURES. 14. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY DURING BUILDING CONSTRUCTION.

15. 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

### **DEFERRED SUBMITTALS**

### **INDEX OF DRAWINGS** SHEET NUMBER SHEET NAME

G-001	TITLE SHEET
G-013	ACCESSIBILITY DETAILS
ARCHITECTURAL	
A-001	ARCHITECTURAL NOTES
A-111	CLASSROOM FLOOR PLAN
A-121	CLASSROOM REFLECTED CEILING PLAN
A-131	CLASSROOM FINISH PLAN
A-211	INTERIOR ELEVATIONS
ELECTRICAL	- -
E-001	ELECTRICAL TITLE SHEET
ED111	ELECTRICAL DEMOLITION PLAN
E-111	LIGHTING PLAN
E-121	POWER PLAN

### BUILDING REQUIREMENTS FROM THE INTERNATIONAL EXISTING BUILDING CODE 202

ALTERATION - LEVEL 1: ALTERATIONS INCLUDE THE REMOVAL AND REPLACEMENT OR THE COVERING OF EXISTING MATERIALS, ELEMENTS, 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 ECTION, ALTERATIONS TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THE IBC FOR NEW CONSTRUCTION. ALTERATIONS SHALL BE SUCH THAT THE EXISTING UILDING OR STRUCTURE IS NOT LESS COMPLYING WITH THE PROVISIONS OF THE IBC THAN THE EXISTING BUILDING OR STRUCTUR WAS PRIOR TO THE ALTERATION

NO CHANGE IS BEING MADE TO OCCUPANCY SIZE OR TYPE.

NO CHANGE TO EXIT DISTANCE OR PATH.

P LOCATION OF EXISTING ELECTRICAL PANEL

### **DESIGN PROFESSIONALS**

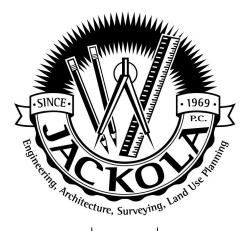
JACKOLA ENGINEERING & ARCHITECTURE, P.C. 2250 HWY 93 SOUTH PO BOX 1134 KALISPELL, MT 59903 TEL: (406) 755-3208

ARCHITECT: MIKE J MYERS, AIA

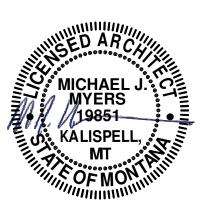
ELECTRICAL ENGINEER: JON RUONAVAARA, PE

### **BUILDING DEPARTMENT**

CITY OF BOZEMAN 20 E. OLIVE ST. 1ST FLOOR PO BOX 1230 BOZEMAN, MT 59771 EMAIL: PLANNINGTECH@BOZEMAN.NET TEL: (406) 582-2260



KALISPELL BOZEMAN VANCOUVER 406-755-3208 406-586-0707 360-852-8746 info@jackola.com jackola.com



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### RS (5 C NOM

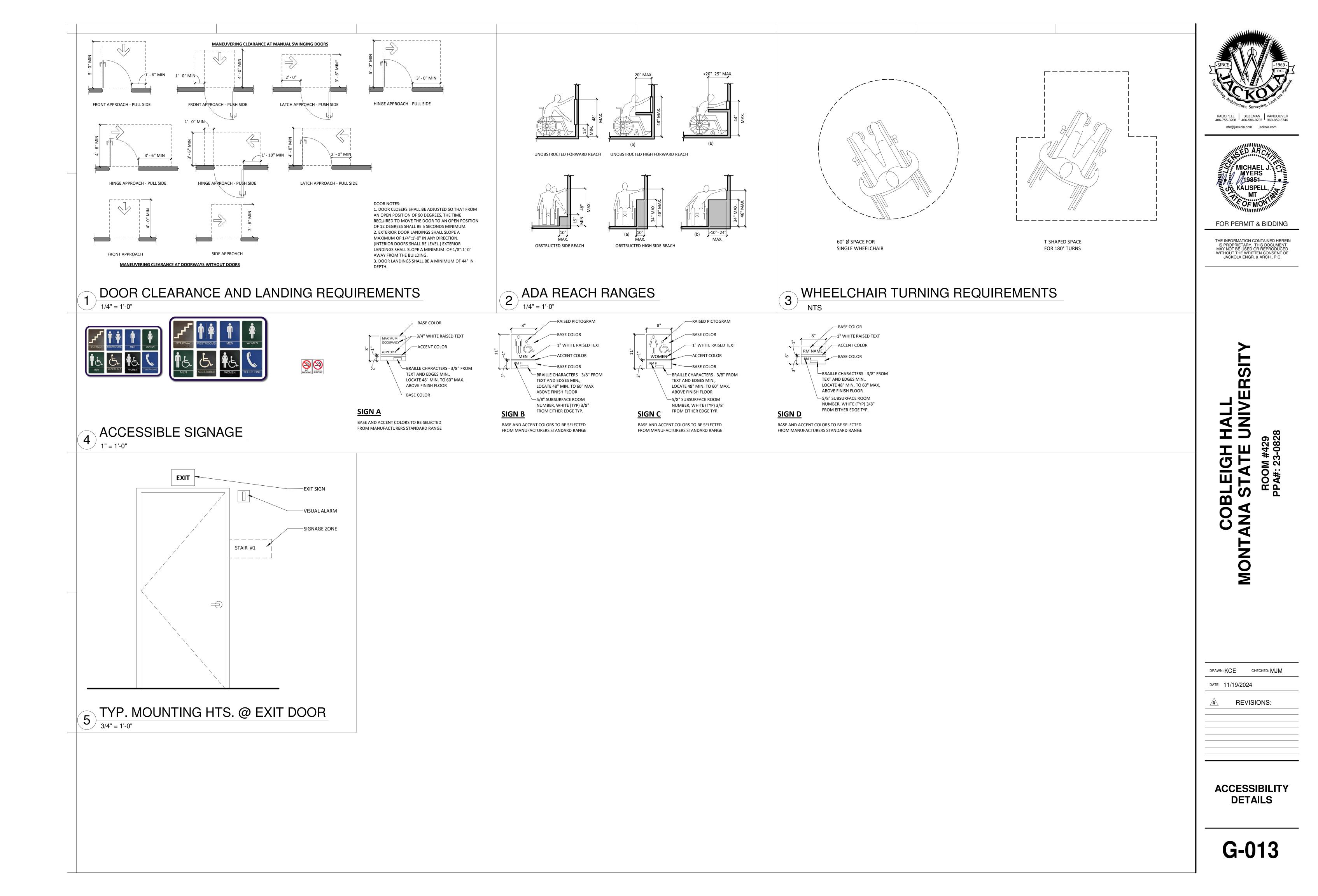
### DRAWN: KCE CHECKED: MJM

DATE: 11/19/2024

REVISIONS ∕#∖

### TITLE SHEET

G-001



### **ABBREVIATIONS**

Α	
AFF ACT ADJ AB ALUM ALT ANOD APPROX ARCH	ABOVE FINISH FLOOR ACOUSTICAL CEILING TILE ADJUSTABLE ANCHOR BOLT ALUMINUM ALTERNATE ANODIZED APPROXIMATE ARCHITECT
<u>B</u>	
BSMT BATH BM BRG BEDRM BET BLDG BO BOT BN BS	BASEMENT BATHROOM BEAM BEARING BEDROOM BETWEEN BUILDING BOTTOM OF BOTTOM BOUNDARY NAILING BOTH SIDES
<u>c</u>	
CFCI CLG CT CLR CLST COL CONC CONC CONST CONTR CONTR CORR CJ CMU	CONTRACTOR FURNISHED CONTRACTOR INSTALLED CARPET CEILING CERAMIC TILE CLEAR CLOSET COLUMN CONCRETE CONSTRUCTION CONTRUCTION CONTRACT, CONTRACTOR CORRIDOR CONTROL JOINT CONCRETE MASONRY UNIT
D	
DEMO DTL DIA DIM DW DIV DL DR DR DN DS DWG DF D	DEMOLISH, DEMOLITION DETAIL DIAMETER DIMENSION DISHWASHER DIVISION DEAD LOAD DOOR DOWN DOWNSPOUT DRAWING DRINKING FOUNTAIN DRYER
<u>E</u>	
EA ELEC ELEV EQ EQUIP EXIST EXP EJ EXT	EACH EAST ELECTRIC ELEVATION, ELEVATOR EQUAL EQUIPMENT EXISTING EXPANSION EXPANSION JOINT EXTERIOR
E	
FOB	FACE OF BRICK

FACE OF CONCRETE FACE OF MASONRY

FOC FOM

FOS	FACE OF STUDS	MATL	MATERIAL
FIN	FINISH	MATL	MATERIAL
FF	FINISH	MECH	
FEC	FIRE EXTINGUISHER/AND	MECH	MECHANICAL, MECHANICAL ROOM METAL
FLC	OR CABINET	MIN	MINIMUM
FL	FLASHING	MIRR	MIRROR
FLR	FLOOR	MISC	MISCELLANEOUS
		IVIISC	MISCELLANEOUS
FD	FLOOR DRAIN		
FT	FOOT, FEET	N	
FTG	FOOTING	<u>N</u>	
FND	FOUNDATION	NOM	NONAINIAI
FURN	FURNITURE	NOM	NOMINAL
FUT		N	NORTH
FBO	FURNISHED BY OTHERS	NA	NOT APPLICABLE
FRP	FIBER REINFORCED PANEL	NIC	NOT IN CONTRACT
		NTS	NOT TO SCALE
-		NO	NUMBER
<u>G</u>			
<b>.</b>			
GA	GAUGE	<u>o</u>	
GALV	GALVANIZED		
GEN	GENERAL	OC	ON CENTER
GL	GLASS	OFCI	OWNER FURNISHED CONTRACTOR
GWB	GYPSUM WALL BOARD		INSTALLED
GYPC	GYPCRETE	OFOI	OWNER FURNISHED OWNER
			INSTALLED
		OFF	OFFICE
H		OPG	OPENING
		OPP	OPPOSITE
HALL	HALLWAY	OD	OUTSIDE DIAMETER
HDW	HARDWARE	OF	OUTSIDE FACE
HVAC	HEATING, VENTILATING, & AIR	0/0	OUT TO OUT
	CONDITIONING		
HT	HEIGHT		
HM	HOLLOW METAL	<u>P</u>	
HORIZ	HORIZONTAL		
HWT	HOT WATER TANK	PNT	PAINT, PAINTED
HR	HOUR	PNL	PANEL
		PH	PHASE
		PLAS	PLASTIC
<u>I</u>		P-LAM	PLASTIC LAMINATE
-		PL	PLATE
IBC	INTERNATIONAL BUILDING CODE	PLYWD	PLYWOOD
INCL	INCLUDE, INCLUDED (ING)	PVC	POLYVINYL CHLORIDE
INFO	INFORMATION	PREFIN	PREFINISHED
ID	INSIDE DIAMETER	PROP	PROPERTY
INSUL	INSULATE, INSULATION		
INT	INTERIOR		
		<u>Q</u>	
ī		QUAN	QUANTITY
-			
JAN	JANITOR		
JC	JANITOR'S CLOSET	<u>R</u>	
JT	JOINT		
		RAD	RADIUS
		RWL	RAIN WATER LEADER
<u>K</u>		REF	REFERENCE
-		REINF	REINFORCE, REINFORCEMENT
КІТ	KITCHEN	RCP	REFLECTED CEILING PLAN
КО	KNOCK OUT	REQ'D	REQUIRED
		RFI	REQUEST FOR INFORMATION
		REV	REVISION
L		R	RISER
-		RD	ROOF DRAIN
LBL	LABEL	RM	ROOM
LAM	LAMINATED	RO	ROUGH OPENING
LNDRY	LAUNDRY		
LAV	LAVATORY	<u>s</u>	
LVL	LEVEL	<del>-</del>	
	LIVE LOAD	SCHED	SCHEDULE
LR	LIVING ROOM	SEC	SECTION
LOC'N	LOCATION	SG	SAFETY GLASS
LUCIN		SHTG	SHEATHING
M		SIM	SIMILAR
<u></u>		SOG	SLAB ON GRADE
MFR	MANUFACTURER	S	SOUTH
MAS	MANOFACTORER	SPEC	SPECIFICATION
MO	MASONRY OPENING	SQ	SQUARE
1010		STD	SQUARE STANDARD
			STANDARD
		STL	
		STOR STRUCT	STORAGE STRUCTURAL
			JINUCIURAL

STRUCTURAL

SUSP SUSPENDED

SQUARE FEET

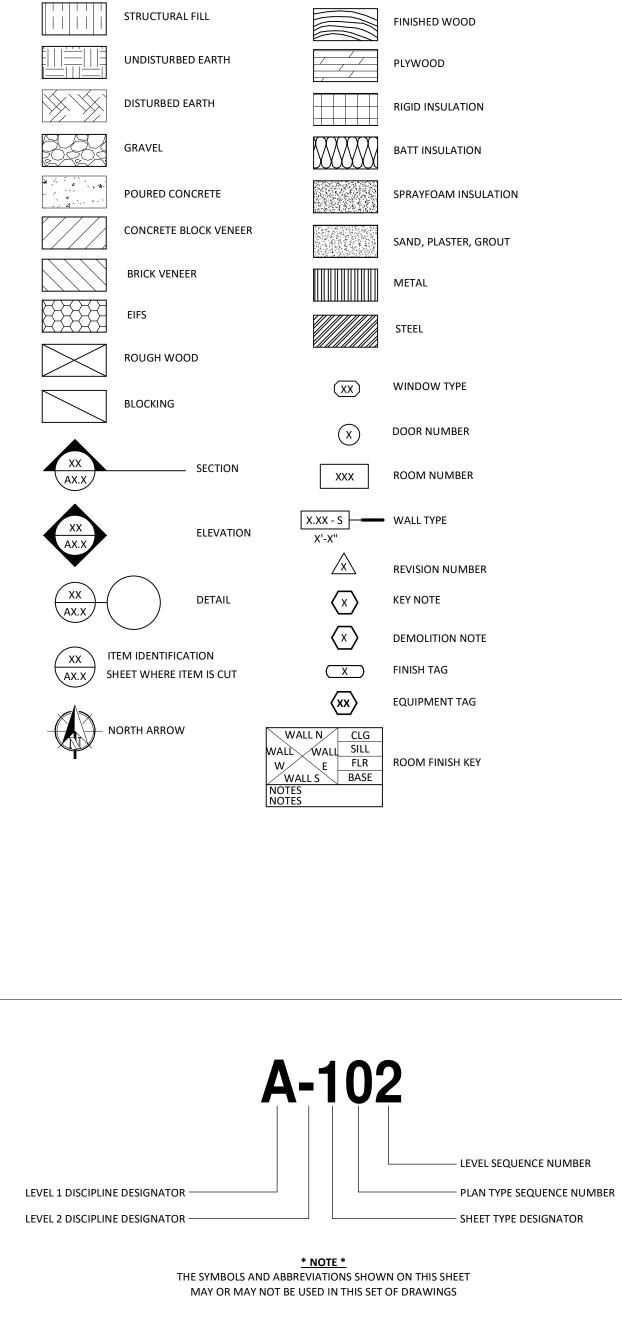
STRUCT

SF

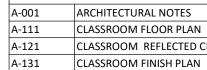
- **SYMBOLS & MATERIALS** STRUCTURAL FILL TECHNOLOGY ENHANCED ACTIVE LEARNING TEAL TELEPHONE TEL UNDISTURBED EARTH TELEVISION TV TEMP TEMPERED, TEMPORARY TONGUE AND GROOVE T&G DISTURBED EARTH TOP OF BRICK тов TOS TOP OF SLAB TOW TOP OF WALL GRAVEL том TOP OF MASONRY TREAD Т TYP TYPICAL POURED CONCRETE 1. 4' <u>U</u> CONCRETE BLOCK VENEER UPWARD ACTING SECTIONAL DOOR UAS UBC UNIFORM BUILDING CODE BRICK VENEER UNO UTIL UNLESS NOTED OTHERWISE UTILITY EIFS V VAPOR BARRIER VB ROUGH WOOD VNR VERT VENEER VERTICAL VERTICAL GRAIN VG BLOCKING VCT VINYL COMPOSITION TILE  $\overline{}$ W XX AX.X WAINSCOT WSCT \_\_\_\_\_ SECTION WATER CLOSET WC WIN WINDOW WP WATERPROOF (ING) XX AX.X WEATHER RESISTANT BARRIER WRB ELEVATION X'-X" WELDED WIRE FABRIC WWF WWM WELDED WIRE MESH WT WEIGHT WEST, WASHER W XX AX.X DETAIL W/ WITH W/D WASHER / DRYER

### SYMBOLS USED AS ABBREVIATIONS

& AND L ANGLE AT CENTERLINE CHANNEL DIAMETER PLATE

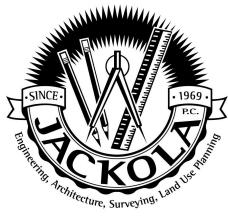


### ARCHITECTURAL SHEET INDEX



A-211

CLASSROOM REFLECTED CEILING PLAN CLASSROOM FINISH PLAN INTERIOR ELEVATIONS



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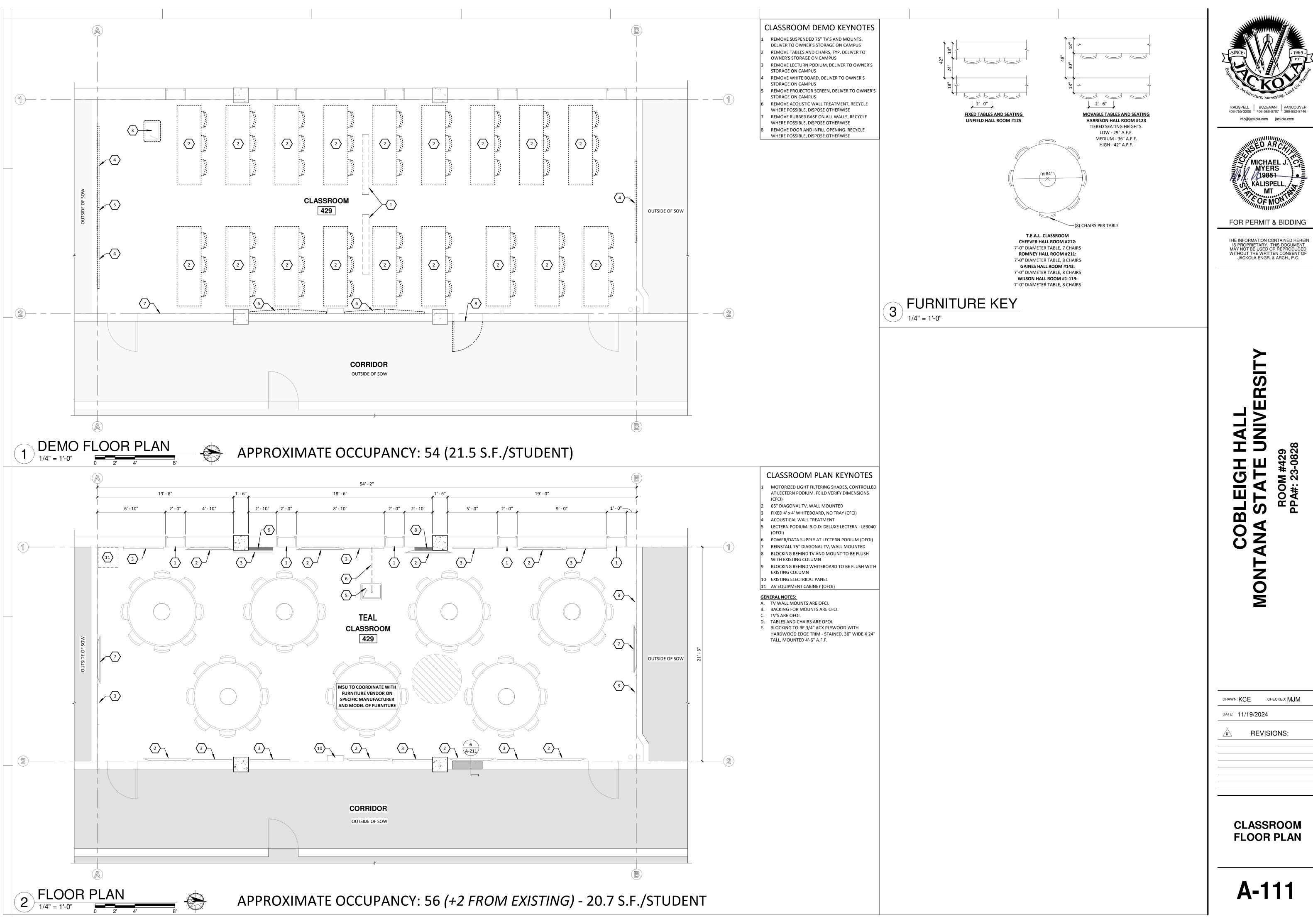
### GH HALL TE UNIVERSITY M #429 23-0828 COBLEIO ANA STA ROOM PPA#: 2 MONTANA

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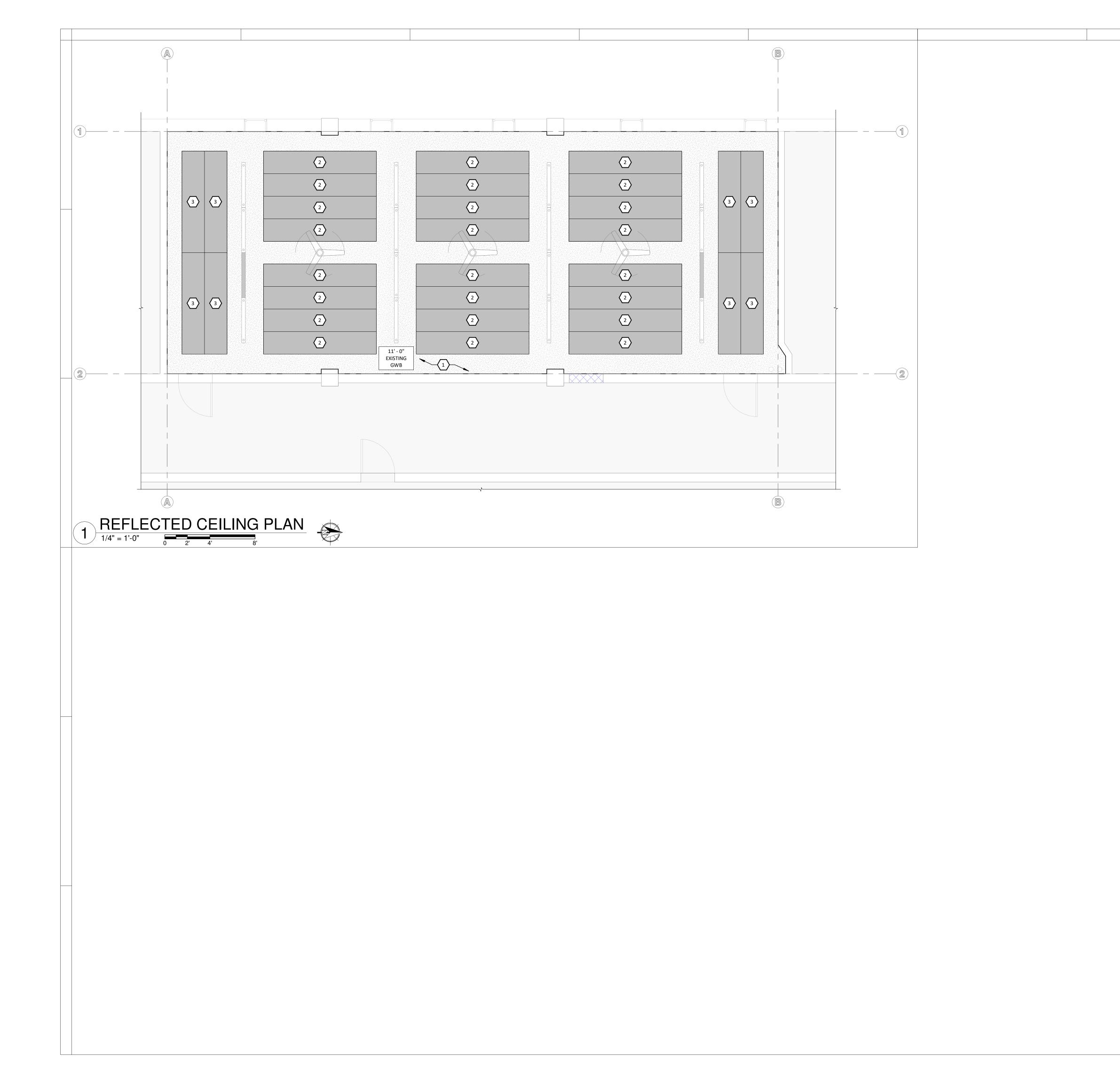
ARCHITECTURAL

NOTES

A-001

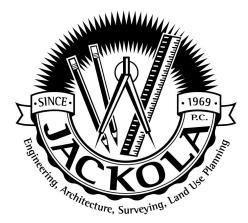


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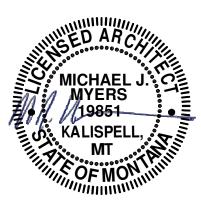


### LEVEL 1 RCP KEYNOTES

EXISTING CEILING TO BE RE-PAINTED, PT-1 ACOUSTIC WALL PANEL. B.O.D: ARMSTRONG SOUNDSOAK 85 FIBERGLASS, 24" x 120", 1" THICK, 0.80 NRC, COLOR; FR-701 GREY MIX, BEVELED EDGE (CFCI) ACOUSTIC WALL PANEL. B.O.D: ARMSTRONG SOUNDSOAK 85 FIBERGLASS, 24" x 108", 1" THICK, 0.80 NRC, COLOR; FR-701 GREY MIX, BEVELED EDGE (CFCI)



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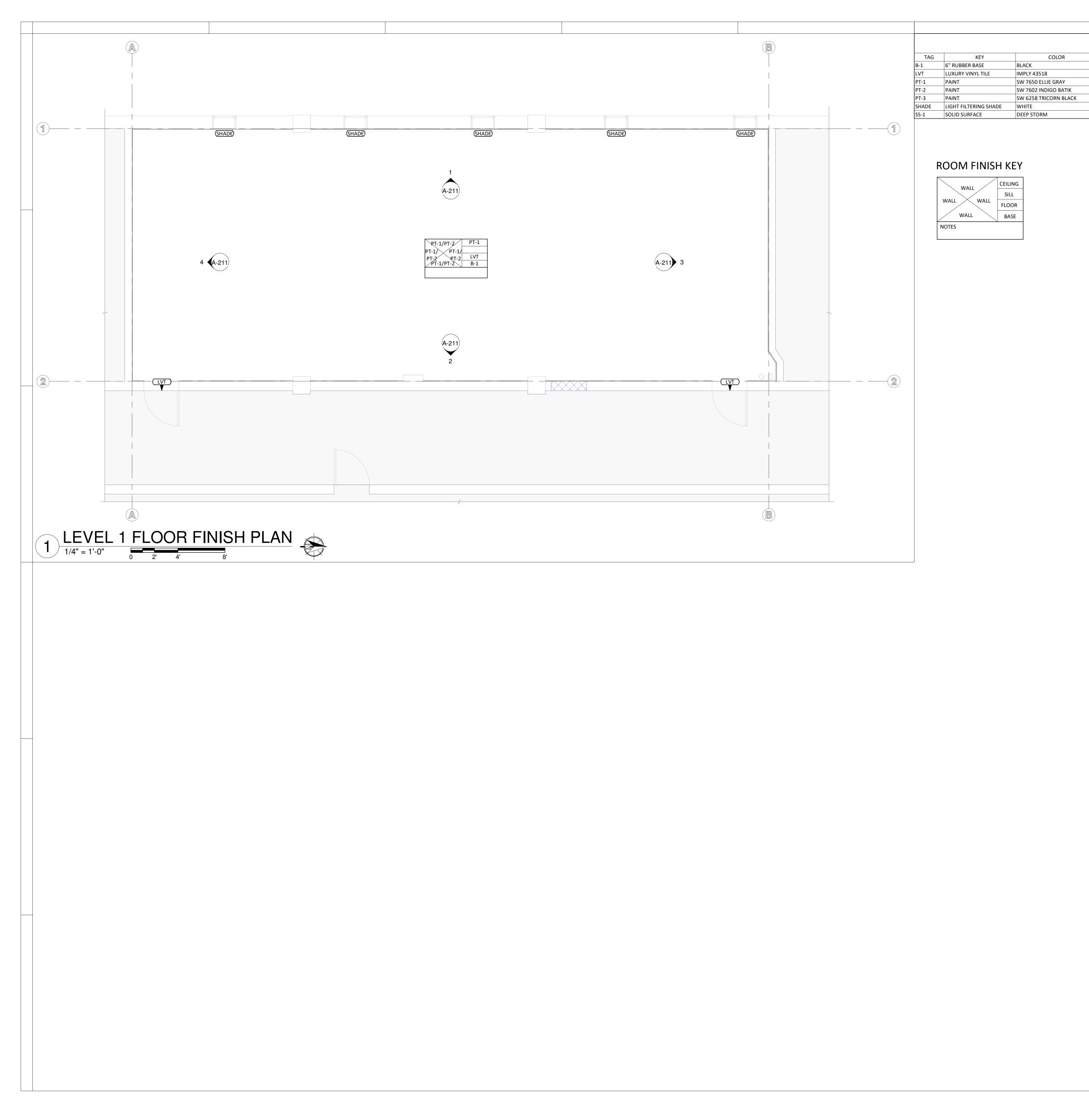
# COBLEIGH HALL MONTANA STATE UNIVERSITY ROOM #429 PPA#: 23-0828

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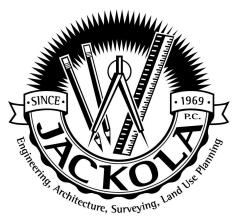
CLASSROOM REFLECTED CEILING PLAN

A-121

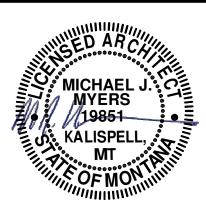
# REVISIONS:



FINI	SH SCHEDULE		
MANUFACTURER	STYLE	NOTE	
JOHNSONITE	DURACOVE 6"	THERMOPLASTIC RUBBER 1/8"	
SHAW	DIALOGUE	BRICK INSTALLATION METHOD	
SHERWIN WILLIAMS	EGGSHELL		
SHERWIN WILLIAMS	EGGSHELL		
SHERWIN WILLIAMS	EGGSHELL	COLUMNS	
HUNTER DOUGLAS	RB 500+ AUTOMATED ROLLER SHADES	E SCREEN 7503, 3% OPENNESS	
CORIAN		CHAIR RAIL (9 5/8" H x 1/2" D)	



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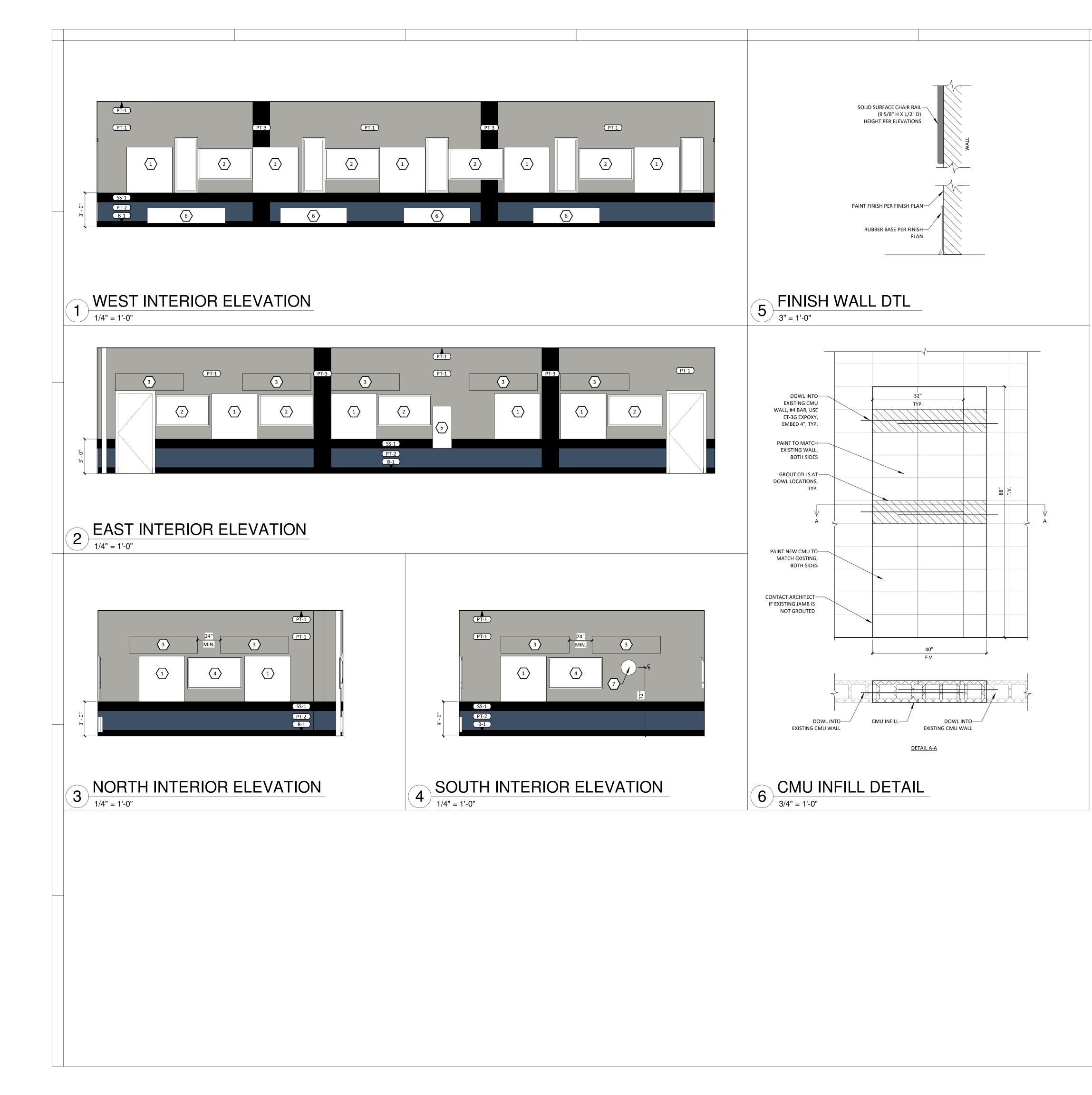
# COBLEIGH HALL MONTANA STATE UNIVERSITY ROOM #429 PPA#: 23-0828

DRAWN: KCE CHECKED: MJM DATE: 11/19/2024

CLASSROOM FINISH PLAN

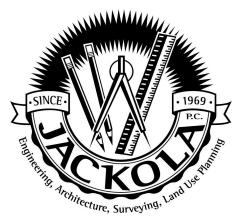
A-131

# REVISIONS:



### INTERIOR ELEVATION KEYNOTES

- FIXED 4' x 4' WHITEBOARD, NO TRAY (CFCI)
- 65" DIAGONAL TV, WALL MOUNTED (OFOI)
- ACOUSTIC WALL PANEL. B.O.D: ARMSTRONG SOUNDSOAK 85 FIBERGLASS, 18" x 72", 1" THICK, 0.80 NRC, COLOR; FR-701 GREY
- MIX (CFCI) REINSTALL 75" DIAGONAL TV, WALL MOUNTED (OFOI)
- EXISTING ELECTRICAL PANEL
- EXISTING HVAC UNIT POE WALL CLOCK (OFCI)
- 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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## GH HALL TE UNIVERSITY COBLEIG MONTANA STAT ROOM

M #429 23-0828

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DATE:	11/19/202	4

INTERIOR

**ELEVATIONS** 

A-211

**REVISIONS:** #

		ELECTRICAL SYMBOL LEGEND			GENERAL ELECTRICAL NO	OTES AND SPECIFICATIONS	
I P A A AC AC AC AC AC AC AC AC AC AC AC AC	RECESSED LIGHT (TYPE DENOTED) POLE MOUNTED LIGHT (TYPE DENOTED) SUSPENDED OR PENDANT LIGHT (TYPE DENOTED) SUSPENDED OR PENDANT LIGHT (TYPE DENOTED) STRP LIGHT (TYPE DENOTED) TRACK AND TRACK LIGHT (TYPE DENOTED) EMERGENCY BATTERY LIGHT (TYPE DENOTED) LIGHT FIXTURE ON (EM) LIFE SAFETY BRANCH LIGHT FIXTURE ON (EM) CRITICAL BRANCH LIGHT ON CORD REEL (TYPE DENOTED) LIGHT ING CHANNEL WIRE (TYPE DENOTED) LIGHT TON CORD REEL (TYPE DENOTED) LIGHT NC CHANNEL WIRE (TYPE DENOTED) LIGHT NC CHANNEL WIRE (TYPE DENOTED) LIGHT SWITCH 3-WAY SWITCH 4-WAY SWITCH SWITCH W/PILDT DIMMER SWITCH TIME SWITCH TIME SWITCH TIME SWITCH TIME SWITCH TIME SWITCH SINGLE RECEPTACLE DUPLEX RCPT SINGLE RECEPTACLE DUPLEX RCPT ON EMERGENCY CIRCUIT 240 VOLT RECEPTACLE SPLIT DUPLEX RCPT. ISOLATED GROUND RCPT (DUPLEX SHOWN) RCPT ON EMERGENCY CIRC (LUPLEX SHOWN) RCPT ON EMERGENCY CIRCUIT 240 VOLT RECEPTACLE FLOOR RECEPTACLE FLOOR RECEPTACLE (DUPLEX SHOWN) RCPT ON CORD RED (DUPLEX SHOWN) RCPT ON CORD REL (DUPLEX SHOWN) RCPT ON CORD RELE (DUPLEX SHOWN) RCPT ON CORD RENT FY FE MENT E AMPERE AMP FRIME AMPERE AMPERE FARME AMPERE FARME AMPUFICH FINISHED FLOOR EP AMPERE FARME AMPUFICH FINISHED FLOOR EP AMPERE FARME AMPUFICH FINISHED FLOOR EP CONDITIONENT EN AMPERE FARME AMPUFICH FINISHED FLOOR FINSTEND AMPERENT FINISHED AMPERE FARME AMPONIN	SYMBOL DESCRIPTION  STATE GROUND RECEPTACLE (TYPE DENOTED)  CUENTING PROTECTION ARE TERMINAL  ULGHTNING PROTECTION CONDUCTOR SPLICE  GROUND ROD (PLAN VEW)  COPULIESTON GON, (SEE SCHEDULE)  CUENTING SERVICE POWER POLE (SITE)  POWER ROTOR STRIBUTION PANEL  POWER ROT DISTRIBUTION PANEL  POWER ROT DISTRIBUTION PANEL  POWER ROT DISTRIBUTION PANEL  POWER ROT DISTRIBUTION PANEL  POWER ROT STATER (TYPE DENOTED)  CALL  COMME. MOTOR STATER (TYPE DENOTED)  CALL  FOR DOWER PACK (TYPE DENOTED)  CALL	ENTERSPDTSINGLE POLE DOUBLE THROWTION CENTERSRSURFACE RACEWAYTION PANELSSSTAINLESS STEELS/SSTOP/START PUSHBUTTONSINECT SWITCHSTASTASTATIONSURFSURFACE MOUNTEDSWSWITCHSWBDSWITCHBOARDSWBDSWITCHBOARDARTERSYSSYSTEMARTERTELTELDTELPHONENELBOARDTEL/DATATELMTELPHONE/DATAOTERMTRTAMPER RESISTANTSWITCHTATSWITCHTETSWITCHTERMNELBOARDTEL/DATATERMTAMPER RESISTANTSWITCHTSTATTHERMINALCABINETSWITCHTYCTELEPHONE TERMINALCABINETSWITCHTYCTELEVISIONALTVCCODETVPTYPICALUCUNDERGROUND TELEPHONEUGUNDERGROUND ELECTRICALUGUNDERGROUND ELECTRICALUGUNDERGROUND TELEPHONEUTILUTILTYCONTRACTORVAVAVOLT-AMPERESVOTVIDEO DISPLAY TERMINALVERTVERTICALVFDVARIABLE FREQUENCY DRIVEUTTONVOLVOLVOLTMEVFDVARIABLE FREQUENCY DRIVEVFDVARIABLE FREQUENCY DRIVEVFDWARATTW/WWITH	CENERAL NOTES:     ALL WORK SHALL CONFORM TO ALL APPLICABLE REQUIREMENTS     OF REERLA AND STATE COTOS, REGULATIONS, LAWS AND     ORDINANCES, LOCAL LAWS AND REQULATIONS, LAWS AND     ORDINANCES, LOCAL LAWS AND REQULATIONS, LAWS AND     ORDINANCES, LOCAL LAWS AND     REQUIREMENTS OF THESE     SPECIFICATIONS SHALL MEET THE REQUIREMENTS OF THESE     SPECIFICATIONS SHALL MEET THE REQUIREMENTS OF THESE     SPECIFICATIONS SHALL MEET THE REQUIREMENTS OF THESE     SPECIFICAL COLD (INC) AND STATE AND/OR LOCAL LAWS AND     ORDINANCES.     THE CONTRACTOR SHALL MEET THE REQUIREMENTS OF THESE     SPECIFICAL COLD (INC) AND STATE AND/OR LOCAL LAWS AND     ORDINANCES.     THE CONTRACTOR SHALL MEET THE REQUIREMENTS OF THE     OF LOTACTOR SHALL MEET THE REQUIREMENTS AND     ORDINANCES.     ALL DRAWINGS AND DETALS PROVIDED ANE GENERAL IN     NATURE AND MAY NOT SHALL MERVIEW ALL DOCUMENTS PROVIDED     AND/OR REFERENCED. CC: SHALL WIST THE SITE TO YURIFY ALL     EXSTING CONTINUES AND DETALS PROVIDED ANE GENERAL IN     NATURE AND MAY NOT SHOT LIMPRETATION NEEDED TO COMPLETE THE     YURIFY ALL     EXSTING CONTINUES, THE REFERENT ATL OR VALIBALE FOR A     PARTICULAR CONDITION, OR A NEWLY CONDITION IS TEXPOSED     DURING ON SPECIFICATIONS ARE NOT AVAILABLE FOR A     PARTICULAR CONDITION, OR A NEWLY CONDITION IS TEXPOSED     DURING ON SPECIFICATION OR ADJUSTED TO FEED     SCORE FROM OWNERS SEED OR YOURD AND AVAILABLE FOR A     PARTICULAR CONDITION, OR A NEWLY CONDITION IS TEXPOSED     DURING THE PROJECT, TO STHER SEPREMENTATIVE BEFORE PROCEEDING     WITH SUCH WORK.     COORDINATES AND DEVELS TIMPORE     INSTALLATIONS ON WASTEFUL PRACTICES.     CONTRACTOR SHALL BECCERCICAL WORK HALL     CONTRACTOR SHALL BECCERCICAL WORK HALL     REQUIREMENTS OFTHER STANDER/CONTRACTOR SHALL     CONTRACTOR SHALL BECCERCICAL WORK SECODES.     OTHER SHALL BE CORRONATED WITH THE WORK OF OFTHER     AUXORY PREVENT MAY AND SERVICES TO ADDIVES.     THE ROUCHY, THE THE SHALL BE FIRST OLIVING.     SUCH WORK. HAUTHES SHALL BE FIRST OLIVING A REAVORY ON THE ADDI	CONTRACTOR IS RESPONSIBLIFES     CONTRACTOR IS RESPONSIBLE FOR COMPLIATION OF ALL ELECTICAL WORK AND TO PROVIDE COMPLIANT AND WALL BE SUBMITTED AND APPROVED BEFORE EXECUTION OF THE AFFECTE WORK.     CONTRACTOR SHALL APPLY AND PAY TOR ALL REQUIRED PRIVITE; FES, LICENSES AND INSPECTIONS FOR ALL ELECTRICAL WORK.     CONTRACTOR SHALL APPLY AND PAY TOR ALL REQUIRED PRIVITE; FES, LICENSES AND INSPECTIONS FOR ALL ELECTRICAL WORK.     CONTRACTOR SHALL APPLY AND PAY TOR ALL BEQUIRED PRIVITE; FES, LICENSES AND INSPECTIONS FOR ALL ELECTRICAL WORK.     CONTRACTOR SHALL PROVIDE ALL MATERIALS, TOOLS,     EQUIPMENT THAT THEY PROVIDE.     CONTRACTOR SHALL PROVIDE ALL MATERIALS, TOOLS,     EQUIPMENT, LABOR AND SERVICES NEESSARY TO FUNNISH AND INSTALL CONTRACTOR SHALL SMOUTH ALL MATERIALS, TOOLS,     EQUIPMENT, LABOR AND SERVICES NEESSARY TO FUNNISH AND INSTALL CONTRACTOR SHALL SMOUTH ALL PROVIDES AND     SUBMITTALS FOR ENGINEER AND ARCHITECTURAL REVIEW PROR TO CONSTUNCTION.     A TA MINIMUM PROVIDE SUBMITTALS FOR ENGINEER AND ARCHITECTURAL REVIEW PRO LIGHTMA AND BELETRICAL     SUBMITTALS FOR ENGINEER AND ARCHITECTURAL REVIEW PROR TO CONSTUNCTION.     A TA MINIMUM PROVIDE SUBMITTALS FOR ENGINEER AND ARCHITECTURAL REVIEW PRO IGHTMAS AND ELECTRICAL DEVICES     CONTRACTOR IS RESPONSIBLE TO VERIFY ALL ELECTRICAL MATERIAL FAILINGS, MAND CONDUCTOR SUBSES ARE     CONSISTENT WITH CIRCUIT VOLTAGES AND ANNU-ACTURES' RECOMMENTION AND ANAMERIA TO BEAT FOR EQUIPMENT AND THE AU REQUIREMENTS.     LIEAN FINISHES, CANDUTA AND AND MERATE DATA FOR EQUIPMENT AND THE AU REQUIREMENTS.     LIEAN FINISHES, CANDUTA AND AND AND AND ELECTRICAL PARTS.     REMOVE CONDUCTIVE AND DEARNY AND CHEATER ON AND ELECTRICAL MATERIALS FAND AND CONDUCTS.     AND THE AND	GROUNDING AND BONDING FOR ELECTRICAL SYSTEM:           1. GROUNDING AND BONDING WORK SHALL COMPLY WITH REQUIREMENTS OF NEC, LOCAL UTILITY, TELEPHONE COMPANY REQUIREMENTS, AND AHJ.           a. UNLESS SPECIFICALLY INDICATED TO BE EXCLUDED, PROVIDE ALL REQUIRED COMPONENTS, CONDUCTORS, CONNECTORS, CONDUIT, BOXES, FITTING, SUPPORTS, ACCESSORIES, FITC. AS NECESSARY FOR COMPLETE GROUNDING AND BONDING SYSTEM.           b. PROVIDE PRODUCTS LISTED, CLASSIFIED, AND LABELED AS SUITABLE FOR THE PURPOSE INTENDED, AND LABELED AS COMPLVING WITH UL 407 WHERE APPLICABLE.           c. WHER CONDUTOR SIZE IS NOT INDICATED, SIZE TO COMPLY WITH NEC BUT NOT LESS THAN APPLICABLE MINIMUM SIZE REQUIREMENTS SPECIFIED OR THAT REQUIRED BY THE AHJ.           d. PROVIDE GROUNDING ELECTRODE SYSTEM. CONCRETE- ENCASED GROUNDING ELECTRODE SYSTEM. CONCRETE- ENCASED GROUNDING ALTORODE (UFER GROUND) A 467 FOR GROUNDING ALTORODE (UFER GROUND) A 467 FOR GROUNDING ALTORODE (UFER GROUND) A 467 FOR GROUNDING ADAED DONING MATENIALS AND EQUIPMENT. REFER TO ELECTRICAL SINGLE DIAGRAM DETAIL.           e. PROVIDE COMPUT FOR ALL WIRING.           CONDUIT FOR ALL WIRING.           CONDUIT FOR ALL WIRING.           equipment. REFER TO ELECTRICAL SYSTEM:           CONDUIT FOR ELECTRICAL SYSTEM:           COMPLY WITH HEQUIREMENTS OF SIC.           COMPLY WITH REQUIREMENTS OF SIC.           VERIFY FINAL DESIGNATIONS FOR EQUIPMENT, SYSTEMS, AND COMPONENTS TO BENNETIFICATION WIRD AREAS WITH UNFINISHED SURFACES MAY HAVE EXPOSED CONDUIT.           IDENTIFICATION PRODUCTS.           DO NOT CONCEAL LESSTIFICAL SYSTEM:           COMPLIANCEL	
COM CON CON CON CON CON CP CRT CT CT CT CT CT CT CT CT CT CT CT CT CT	NCONNECTIONHWPHWPHWPSTCONSTRUCTIONICIITCONTINUATION OR CONTINUOUSIGISTRCONTRACTORIMCIIVCONVECTORINCANDIICIRCULATING PUMPIRIICATHODE-RAY TUBEI/WIICURRENT TRANSFORMERJ-BOXJCENTERKVAKCOPPERKVAKDOMESTIC WATER CIRCULATINGKVARKPUMPKWKDETAILLOCLHDOMESTIC WATER HEATERL, LTGLDIAMETERLTNGLDISCONNECTLVLDOWNMAXMSAFETY DISCONNECT SWITCHMAG.SM	OW VOLTAGESECSECONDARYNOTOR, MOTORIZEDSHTSHEET	RMER E (CONDUIT) C ANGLE C AT A DELTA DEGREES FEET I NCHES # NUMBER	<ul> <li>AGGREGATE MORE THAN 100 SQUARE INCHES FOR ANY 100</li> <li>OUTLET BOXES ON OPPOSITE SIDES OF WALLS OR PARTITION WHERE POSSIBLE WITHOUT ADDING HAVING TO ADD RECEP SEPARATION AND AVOID USING THE STUD BAY IF POSSIBLE.</li> <li>PROVIDE PUTTY PADS AROUND BOXES IN FIRE RATED WALLS THAT GYPSUM BOARD SEALS AIR GAP.</li> <li>C. RECESSED LIGHTING FIXTURES INSTALLED IN FIRE RATED CEILING /</li> </ul>	ST BE FIRESTOPPED WITH AN APPROVED MATERIAL. REFER TO FED WALLS AND CEILINGS. DUSTICAL CEILING GRID MUST MEET THE REQUIREMENTS OF NEC ED THEY ARE FIRE-STOPPED. SQUARE INCHES ARE PERMITTED PROVIDED OPENINGS DO NOT SQUARE FEET OF WALL OR PARTITION. IS MUST BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES TACLES. WHERE 24" SPACING IS NOT POSSIBLE, USE MAXIMUM AND ACOUSTICAL ASSEMBLIES. PUTTY PACKS SHALL BE INSTALLED SO ASSEMBLIES SHALL BE FIRE RATED FIXTURES BEARING THE UL FIRE TH THE UL FIRE RESISTANCE DIRECTORY, AND SHALL INCLUDE A FIRE	LEVEL 1 DISCIPLINE DESIGNATOR LEVEL 2 DISCIPLINE DESIGNATOR THE SYMBOLS AND ABBRE	102 LEVEL SEQUENCE NUMBER PLAN TYPE SEQUENCE NUMBER SHEET TYPE DESIGNATOR NOTE * VIATIONS SHOWN ON THIS SHEET SED IN THIS SET OF DRAWINGS.

1P	1 POLE (2P, 3P, 4P, ETC.)	(E)	EXIST
A	AMPERE	EC	ELEC
AC	ABOVE COUNTER OR AIR	ELEC	ELEC
	CONDITIONER	ELEV	ELEV
ACLG	ABOVE CEILING	EM	EMER
ADO	AUTOMATIC DOOR OPENER	EMS	ENER
AF		EMT	ELEC
AFF	ABOVE FINISHED FLOOR	EP	ELEC
AFG AFI	ABOVE FINISHED GRADE ARC FAULT CIRCUIT	EQUIP	EQUI
AFI	INTERRUPTER	EWC EXIST	ELEC
AHU	AIR HANDLING UNIT	EXH	EXHA
AL	ALUMINUM	EXP	EXPL
ALT	ALTERNATE	FA	FIRE
AMP	AMPERE	FABP	FIRE
	AMPLIFIER		SUPP
	ANNUNCIATOR	FACP	FIRE
APPROX	APPROXIMATELY	FCU	FAN (
AQ-STAT	AQUASTAT	FIXT	FIXTU
ARCH	ARCHITECT, ARCHITECTURAL	FLR	FLOO
AS	AMP SWITCH	FLUOR	FLUO
AT	AMP TRIP	FU	FUSE
ATS	AUTOMATIC TRANSFER SWITCH	FUDS	FUSE
AUTO	AUTOMATIC	GA	GAU
AUX	AUXILIARY	GAL	GALL
AV	AUDIO VISUAL	GALV	GALV
AWG	AMERICAN WIRE GAUGE	GC	GENE
BATT	BATTERY	GEN	GENE
BD	BOARD	GFI	GROU
BLDG BMS	BUILDING BUILDING MANAGEMENT SYSTEM	GFP GND	GROI GROI
C	CONDUIT	GRS	GALV
САВ	CABINET	GYP BD	GYPS
CAT	CATALOG	HOA	HAN
CATV	CABLE TELEVISION	HORIZ	HORI
CB	CIRCUIT BREAKER	HP	HORS
CCTV	CLOSED CIRCUIT TELEVISION	HPF	HIGH
CFCI	CONTRACTOR FURNISHED,	HT	HEIG
	CONTRACTOR INSTALLED	HTG	HEAT
СКТ	CIRCUIT	HTR	HEAT
CLG	CEILING	HV	HIGH
CMPR	COMPRESSOR	HVAC	HEAT
COMB	COMBINATION		CON
CONN	CONNECTION	HWP	HYDF
CONST	CONSTRUCTION	IC	INTER
CONT	CONTINUATION OR CONTINUOUS	IG	ISOLA
CONTR	CONTRACTOR	IMC	INTER
CONV	CONVECTOR	INCAND	INCA
CP		IR	INFR/
CRT	CATHODE-RAY TUBE	I/W	INTER
CT CTR	CURRENT TRANSFORMER CENTER	J-BOX KV	JUNC
CU	COPPER	KVA	KILO\ KILO\
DCP	DOMESTIC WATER CIRCULATING	KVA	KILO
DCI	PUMP	KW	KILO
DEPT	DEPARTMENT	KWH	KILO
DET	DETAIL	LOC	LOCA
DWH	DOMESTIC WATER HEATER	L, LTG	LIGH
DIA	DIAMETER	LTNG	LIGH
DISC	DISCONNECT	LV	LOW
DIST	DISTRIBUTION	M, MTR	
DN	DOWN	MAX	MAX
DS	SAFETY DISCONNECT SWITCH	MAG.S	MAG
DT	DOUBLE THROW	M/C	MON
DWG	DRAWING	MC	MECH

	ELECTRICAL CONTRACTOR	MCC	MC
	ELECTRIC, ELECTRICAL	MDC	
	ELEVATOR	MDP	
	EMERGENCY	MFR	MA
	ENERGY MANAGEMENT SYSTEM	MFS	MA
	ELECTRICAL METALLIC TUBING	MH	MA
	ELECTRIC PNEUMATIC	MIC	MI
	EQUIPMENT	MIN	MI
	ELECTRIC WATER COOLER	MISC	MIS
	EXISTING	MLO	MA
	EXHAUST	MMS	MA
	EXPLOSION PROOF	MOA	ML
	FIRE ALARM	MSP	MC
	FIRE ALARM BOOSTER POWER	MSBD	MA
	SUPPLY PANEL	MT	MC
	FIRE ALARM CONTROL PANEL	MT.C	EM
	FAN COIL UNIT	MTS	MA
	FIXTURE	(N)	NE
		• •	
	FLOOR	N.C.	NO
	FLUORESCENT	NEC	NA
	FUSE	NEMA	NA
	FUSED SAFETY DISCONNECT SWITCH		MA
	GAUGE	NFDS	NO
	GALLON		SW
	GALVANIZED	NIC	NO
	GENERAL CONTRACTOR	NL	NIG
	GENERATOR	N.O.	NO
	GROUND FAULT CIRCUIT INTERRUPTER	NPF	NO
	GROUND FAULT PROTECTOR	NTS	NO
	GROUND	OFCI	٥W
	GALVANIZED RIGID STEEL (CONDUIT)		INS
	GYPSUM BOARD	OFOI	٥W
	HANDS-OFF-AUTOMATIC SWITCH		INS
	HORIZONTAL	ОН	٥V
	HORSEPOWER	OL	٥v
	HIGH POWER FACTOR	PA	PU
	HEIGHT	РВ	PU
	HEATING	PE	ΡN
	HEATER	PED	PE
	HIGH VOLTAGE	PF	PO
	HEATING, VENTILATING AND AIR	PH	PH
	CONDITIONING	PNL	PAI
	HYDRONIC WATER PUMP	РР	PO
	INTERRUPTING CAPACITY	PR	PAI
	ISOLATED GROUND	PRI	PRI
	INTERMEDIATE METAL CONDUIT	PROJ	PR
)	INCANDESCENT	PRV	PO
	INFRARED	РТ	PO
	INTERLOCK WITH	PVC	PO
	JUNCTION BOX	PWR	PO
	KILOVOLT	QUAN	QU
	KILOVOLT-AMPERE	(R)	REL
	KILOVOLT-AMPERE REACTIVE	R, RCPT	REC
	KILOWATT	REQD	REC
	KILOWATT HOUR	RM	RO
	LOCATE OR LOCATION	RSC	RIG
		RTU	RO
		SC	
			SUI
,		SEC	SEC
ł	MOTOR, MOTORIZED	SHT	SHI
		SIM	SIN
	MAGNETIC STARTER	S/N	SO
	MOMENTARY CONTACT	SPEC	SPE

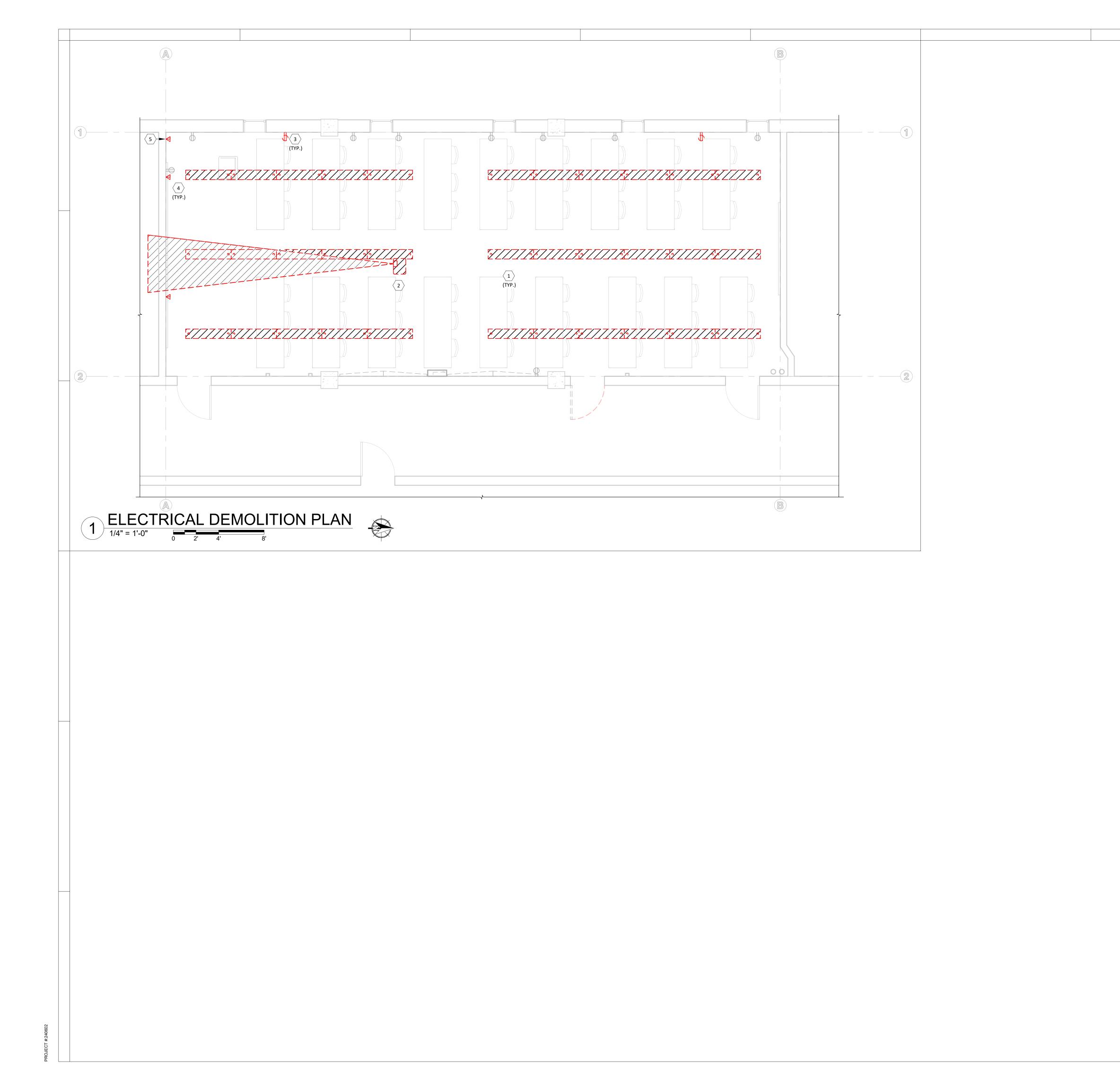
BOL LEGEND				GENERAL ELECTRICAL NO	TES AND SPECIFICATIONS
EPTACLE (TYPE DENOTED) ION AIR TERMINAL ION CONDUCTOR SPLICE VIEW) //ER POLE (SITE) CONN. (SEE SCHEDULE) //ED EDENOTED) DENOTED) DENOTED) DENOTED) DENOTED) DENOTED) DENOTED) //EC //YPE DENOTED //YPE DENOTED //YPE DENOTED //YPE DENOTED //YPE DENOTED //YPE DENOTED //YPE DENOTED //YPE DENOTED) ////////////////////////////////////	TER SPDT IN CENTER SR IN PANEL SS SCT SWITCH STA STD SURF SW SWBI SYM TER SYS Y TEL BOARD TEL/E TERM TL TR TR TCH T-STA TC CODE TV TVTC CODE TV TVTC DCIATION CONNECT TYP UC UE UG UH DR UT UTIL DNTRACTOR UV NNER V VA VDT VERT	SURFACE RACEWAY STAINLESS STEEL STOP/START PUSHBUTTONS STATION STANDARD SURFACE MOUNTED SWITCH SWITCH SWITCHBOARD SYMMETRICAL SYSTEM TELEPHONE DATA TELEPHONE/DATA TELEPHONE/DATA TELEPHONE/DATA TELEPHONE/DATA TELEPHONE TERMINAL CABINET TELEVISION TELEVISION TERMINAL CABINET TELEVISION TERMINAL CABINET TYPICAL UNDER COUNTER UNDERGROUND ELECTRICAL UNDERGROUND ELECTRICAL UNDERGROUND TELEPHONE UTILITY UNIT VENTILATOR OR ULTRAVIOLET VOLT VOLT- VOLT VOLT-AMPERES VIDEO DISPLAY TERMINAL VERTICAL VARIABLE FREQUENCY DRIVE VOLUME WATT WITH WIRELESS ACCESS POINT WIRE GUARD WITHOUT WEATHERPROOF	EVENERAL NOTES:     1. ALL WORK SHALL CONFORM TO ALL APPLICABLE REQUIREMENTS     OF EDERAL AND STATE CODES, REGULATIONS, LOCAL     JURISDICTIONS, AND THE ALL MEETTHE REQUIREMENTS OF THESE     SPECIFICATIONS SHALL MEETTHE REQUIREMENTS OF THESE     SPECIFICATIONS SHALL AND STATE ALL MEETTHE REQUIREMENTS OF THESE     SPECIFICATIONS SHALL AND SHALL ASD BE IN COMMUNCE     UTIFICAL TEXT ADOPTED BUTIONS OF THE AND/SNILL AND SAIL     CLUBRENT STATE ADOPTED BUTIONS OF THE AND/SNILL AND SAIL     CLUBRENT STATE ADOPTED BUTIONS OF THE AND/SNILL AND SAIL     CLUBRENT STATE ADOPTED BUTIONS OF THE AND/SNILL AND SAIL     CLUBRENT SUBCEMPTIONS AND THE AND/SNILL AND SAIL     STATE SUBCEMPTION STATE AND/SNILL AND SAIL     STATE SUBCEMPTION STATE AND/SNILL AND SAIL     STATE SUBCEMPTION STATE AND/SNILL AND SAIL     STATEMENT SILL COMMUNES ADD     SOIL STATEMENT SILL STATEMENTS AND ADD     SOIL STATEMENT ALL COMMUNES ADD     SOIL STATEMENT AND ADD     SOIL STATEMENT AND ADD     SOIL STATEMENT AND ADD     SOIL STATEMENT AND ADD     SOIL STATEMENT STATEMENT OF     SOIL STATEMENT ADD     SOIL STATEMENT	<ol> <li>CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL ELECTRICAL WORK AND TO PROVIDE COMPLETE AND WORKING SYSTEMS COMPLYING WITH THE CONTRACT DOCUMENTS SHALL BE SUBMITTED AND APROVED BEFORE EXECUTION OF THE AFFECTE WORK.</li> <li>CONTRACTOR SHALL APPLY AND PAY FOR ALL REQUIRED PROVIDES ESULCENSES AND INSPECTIONS FOR ALL ELECTRICAL WORK.</li> <li>CONTRACTOR SHALL APPLY AND PAY FOR ALL REQUIRED PROVIDES ESULCENSES AND INSPECTIONS FOR ALL ELECTRICAL WORK.</li> <li>CONTRACTOR SHALL APPLY AND PAY FOR ALL ELECTRICAL WORK.</li> <li>CONTRACTOR SHALL SHOP TO HEAVE TO THE ESUMMENT HAAT THEP MODULE COMPLETE WORKING ELECTRICAL SYSTEMS.</li> <li>UNIESS OF DOLAR PRODUCTS AND ASSEA AND INSPECIAL COMPLETE WORKING ELECTRICAL SYSTEMS.</li> <li>UNIESS OF DOLAR PRODUCTS AND ASSEA AND STALL COMPLETE WORKING ELECTRICAL SYSTEMS.</li> <li>CONTRACTOR SHALL SUBMIT TAIS FOR ENGINEER AND ARCHITECTURAL REVIEW FOR UGHTING AND ELECTRICAL DEVICES.</li> <li>CONTRACTOR SHALL SUBMIT TAIS FOR ENGINEER AND ARCHITECTURAL REVIEW FOR UGHTING AND ELECTRICAL DEVICES.</li> <li>CONTRACTOR SHALL SUBMIT TAIS FOR ENGINEER AND ARCHITECTURAL REVIEW FOR UGHTING AND ELECTRICAL DEVICES.</li> <li>CONTRACTOR SHALL SUBMIT TAIS FOR ENGINEER AND ARCHITECTURAL REVIEW FOR UGHTING AND ELECTRICAL DEVICES.</li> <li>CONTRACTOR SHALL SUBMIT TAIS FOR ENGINEER AND ARCHITECTURAL REVIEW FOR UGHTING AND ELECTRICAL DEVICES.</li> <li>CONTRACTOR STRUCTOR INSTALLATION CONTRACTOR STRUKANICS AND REVIEW DIT AND CONDUCTOR SIZES ARE CONSISTEMT THAI REQUIREMENTS.</li> <li>CLIEBAR HAR READ REVIEWS OF THE FOR HAR AND RESTORED THAIL RECONCLEAPARTS.&lt;</li></ol>	<ul> <li>GROUNDING AND BONDING FOR ELECTRICAL SYSTEM.</li> <li>GROUNDING AND BONDING WORK SHALL COMPLY WITH REQUIREMENTS, AND ANJ.</li> <li>UNLESS SPECIFICALLY INDICATED TO BE EXCLUDED, PROVIDE ALL REQUIRED COMPONENTS, CONDUCTORS, CONNECTORS, CONDUNG SYSTEM.</li> <li>DESS SPECIFICALLY INDICATED TO BE EXCLUDED, SUITABLE FOR THE PURCH BOXES, FITTING, SUPPORTS, ACCESSONES, ETC. AS NECESSARY FOR COMPLETE GROUNDING AND BONDING SYSTEM.</li> <li>PROVIDE PRODUCTS LISTED, CLASSIFIED, AND LABELED AS SUITABLE FOR THE PURCH ENTOT LIST STAIN APPLICABLE.</li> <li>MINEL CONDUCTOR SLEED NOT INDICATED SIZE TO COMPLYING WITH UL497 WHERE APPLICABLE.</li> <li>MINEL CONDUCTOR SLEED NOT INDICATED SIZE TO COMPLYING WITH UL497 WHERE APPLICABLE.</li> <li>PROVIDE GROUNDING ELECTRODE SYSTEM. CONCRETE- ENCASED GROUNDING ELECTRODE SYSTEM. CONCRETE- ENCASED GROUNDING ELECTRODE UPER GROUND JA T EACH ELETRICAL SERVICE ENTRANCE. CONFLY WITH UL 45 / FOR GROUNDING ELECTRODE UPER GROUND JA T EACH ELETRICAL SERVICE ENTRANCE. CONFLY WITH UL 45 / FOR GROUNDING ELECTRODE UPER GROUNDING CONDUCTOR IN ALL ACCENAXS.</li> <li>COMULTI AND LECTRICAL SINGE LOAGRAM DEFAIL.</li> <li>PROVIDE CONDUIT AND WIRING IN WALLS AND CELLING SINGES. MECLANASS.</li> <li>COMULTI AL COMPUT AND WIRING IN WALLS AND CELLING SINGES. MECLANASS.</li> <li>COMPONENTS TO BE IDENTIFIED, IN LOCATIONS SUCH AS ADOV SUBJECTS AND FAILURES. SUTL LONGTON'S AND ARES.</li> <li>MOMINOMIC AND READ DEVICING IN WALLS AND CELLING SINGES. MECLANELS, SUTL LORS STORED.</li> <li>OND GO CONCELL FLEWS STORE OF REQUIPMENT, SYSTEMS, SAN UNITH RESULTING SUNTING SUBCASS OCONU.</li> <li>DON TO THAN ALL DESIGNATION FOR COULTS SUTTLE SANCHARD DESIGNATION FOR COULTS SUTTLE.</li> <li>SANCHARD DESIGNATION AND ARES SUTTABLE DEVO OWNER, INSTALLED SUBJECTION PRODUCTS SUTTLES SUTTABLE FOR THE STORE SUBJECTION PROVIDED SUBJECTION PROVIDED SUBJECTION PROVIDED SUBJECTION PROVIDED SUBJECTION OF DIMENTS.</li> <li>DON OT CONCELL TERNS STORE SUTTING TO ANIST</li></ul>
RI     PRIMARY       ROJ     PROJECTION       RV     POWER ROOF VENTILAT       F     POTENTIAL TRANSFORM       /C     POLYVINYL CHLORIDE (C       WR     POWER       UAN     QUANTITY       .)     RELOCATED       RCPT     RECEPTACLE       EQD     REQUIRED       M     ROOM       SC     RIGID STEEL CONDUIT       C     SURFACE CONDUIT	1ER	TRANSFER ANGLE AT DELTA DEGREES FEET INCHES NUMBER PHASE CENTER LINE PLATE	<ul> <li><u>FIRE PROTECTION &amp; SOUND REQUIREMENTS</u></li> <li>A. PENETRATIONS IN WALLS REQUIRING PROTECTED OPENINGS MUS ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FIRE/SOUND RAT</li> <li>B. LIGHT FIXTURES AND OTHER APPARATUS SUPPORTED BY THE ACC SECTION 410.36, MEANS OF SUPPORT.</li> <li>1. CONDUITS MAY PENETRATE WALLS OR PARTITIONS, PROVIDI</li> <li>2. OPENINGS FOR STEEL ELECTRICAL BOXES NOT EXCEEDING 16 AGGREGATE MORE THAN 100 SQUARE INCHES FOR ANY 100</li> <li>3. OUTLET BOXES ON OPPOSITE SIDES OF WALLS OR PARTITION</li> </ul>	TED WALLS AND CEILINGS. DUSTICAL CEILING GRID MUST MEET THE REQUIREMENTS OF NEC ED THEY ARE FIRE-STOPPED. 5 SQUARE INCHES ARE PERMITTED PROVIDED OPENINGS DO NOT	LEVEL 1 DISCIPLINE DESIGNATOR
EC SECONDARY HT SHEET M SIMILAR N SOLID NEUTRAL PEC SPECIFICATION PKR SPEAKER			<ul> <li>SEPARATION AND AVOID USING THE STUD BAY IF POSSIBLE.</li> <li>PROVIDE PUTTY PADS AROUND BOXES IN FIRE RATED WALLS THAT GYPSUM BOARD SEALS AIR GAP.</li> <li>C. RECESSED LIGHTING FIXTURES INSTALLED IN FIRE RATED CEILING A</li> </ul>	AND ACOUSTICAL ASSEMBLIES. PUTTY PACKS SHALL BE INSTALLED SO ASSEMBLIES SHALL BE FIRE RATED FIXTURES BEARING THE UL FIRE ITH THE UL FIRE RESISTANCE DIRECTORY, AND SHALL INCLUDE A FIRE	LEVEL 2 DISCIPLINE DESIGNATOR THE SYMBOLS AND ABBRE MAY OR MAY NOT BE U

		ELEC		
<ul> <li>ES AND SPECIFICATIONS</li> <li>EROUNDING AND BONDING FOR ELECTRICAL SYSTEM:</li> <li>GROUNENEARTS OF NEC, LOCAL UTIUTY, TELEPHONE COMPANY REQUIREMENTS, AND AM.</li> <li>UNLESS SPECIFICALY INDICATED TO BE EXCLUDED, PROVIDE ALL REQUIRED COMPONENTS, CONDUCTORS, CONNECTORS, CONDUIT, BOXES, HITING, SUPPORTS, ACCESSORES, ETC. ASN RECESSARY FOR COMPLETE GROUNDING AND BONDING SYSTEM.</li> <li>PROVIDE FORDUCTS USED, LASSIFIED, AND LABELED AS SUITABLE FOR THEP URPOSE INTENDED, AND LABELED AS COMPLYING WITH ULG STMAN APPLICABLE MINIMUMS SIZE REQUIREMENTS SPECIFIED OR THAT REQUIRED BY THE AM.</li> <li>PROVIDE GROUNDING ELECTRODE USER (CONDUCTOR ELECTRICAL SERVICE ENTRANCE, COMPLY WITH UL 497 FOR GROUNDING ELECTRODE USER GROUND) AT EACH ELECTRICAL SERVICE ENTRANCE, COMPLY WITH UL 497 FOR GROUNDING AND BONDING MATERIALS AND EQUIPMENT, REFER TO ELECTRICAL SINGLE DIAGRAM DETAIL.</li> <li>PROVIDE A COPPER EQUIPMENT GROUNDING CONDUCTOR IN ALL ARCEWAYS.</li> <li>ONDUE A COPPER EQUIPMENT GROUNDING CONDUCTOR IN ALL ARCEWAYS.</li> <li>COMELA ALL CONDUIT AND WIRING IN WALLS AND CELING SPACES. MECHANICAL/ELECTRICAL ROOMS AND AREAS WITH UNFINISHED SURFACES MAY HAVE EXPOSED CONDUT.</li> <li>PROVIDE CONDUIT FOR ALL WIRING.</li> <li>OCOMPLY WITH REQUIREMENTS FOR INC.</li> <li>VERITY FINAL DESIGNATIONS FOR EQUIPMENT, SYSTEMS, AND COMPLOWING SHALL CONSTO SPINC.</li> <li>VERITY FINAL DESIGNATIONS FOR EQUIPMENT, SYSTEMS, AND COMPLOWING TO BE LECTRICAL SYSTEM.</li> <li>COMPLOY WITH REQUIREMENTS FOR INC.</li> <li>VERITY FINAL DESIGNATIONS FOR EQUIPMENT, SYSTEMS, AND COMPLONENTS TO BE LIDENTIFIED FINIT OF DABRICATION OF IDENTIFICATION PRODUCTS WITH UNITIE DABRICATION OF IDENTIFICATION FOR ELECTRICAL SYSTEM.</li> <li>DO NOT CONCELL TERMST TO BE INTOCHOLTS.</li> <li>VERITY FINAL DESIGNATIONS FOR EQUIPMENTS, SUFFACES ANTI- UNTINIS WITH REQUIREMENT OF DESIGN THEODO.</li> <li>UNERSS ONDERVISE INDOCTOR DESIGNATING DO NOTTING SUFFACES AND ADDUCTOR OF IDENTIFICATION PRODUCE</li></ul>	26 27 00 WIRING DEVICES: 1 LOCATION AND MOUNTING HEIGHTS OF RECEPTACLES AND SWITCHES AS INDICATED ON ARCHITECTURAL ELEVATIONS. EPACIDE AND MATERIALS OF RECEPTACLES AND SWITCHES SHALL MATCH EXSTING. 2 COUR AND MATERIALS OF RECEPTACLES AND COURES REQUIRED BY THE NCC AND ARACTHORY. PROVIDE AND INSTALL WARPER RESISTANT RECEPTACLES AND COVERS REQUIRED BY THE NCC AND AHJ. 3 PROVIDE AND INSTALL WARTHER RESISTANT RECEPTACLES AND COVERS REQUIRED BY THE NCC AND AHJ. 4 INSTAL WARNE DEVICES IN ACCORDANCE WITH MANUFACTURERS'INSTRUCTIONS. 5 DO NOTSHARE NEUTACL CONDUCTOR ON BRANCH CIRCUITS UTILIZING WALL DIMMERS. 220000COMMUNICATIORS: 1 ROUGH-IN BY CONTRACTOR 280000FIRE DETECTION AND ALARMY: 1 NICET CERTIFIED CONTRACTOR SHALL REMOVE AND REINSTALL DEVICES AS REQUIRED TO ACCOMMODATE CONSTRUCTION.	Hora a a a a a a a a a a a a a	CTRICAL SYMBOL NOTES THE CONTROL DEVICE DESIGNATION IS INDICATED BY A LOWER CASE LETTER. EXAMPLE: SINGLE POLE SWITCH "a" TO CONTROL LIGHTING FIXTURES INDICATED BY "a". SPECIAL CONNECTIONS. THE EQUIPMENT IS INDICATED BY "a". SPECIAL CONNECTIONS. THE EQUIPMENT IS INDICATED BY "a". SPECIAL CONNECTION AND TYPE OF CONNECTION. THE CIRCUIT DESIGNATION IS INDICATED BY NUMBER(S) ADJACENT TO THE SYMBOL. EXAMPLE: COUPMENT ON IS INDICATED BY NUMBER(S) ADJACENT TO THE SYMBOL. EXAMPLE: COUPMENT ON IS INDICATED BY NUMBER(S) ADJACENT TO THE SYMBOL. EXAMPLE: ADUPMENT ON TO ESIGNATION IS SHOWN WITH THE HOME RUN TO BRANCH CIRCUIT PANELBOARD SCHEDULE WITH THE CORRESPONDING PANELBOARD AND CIRCUIT DESIGNATION. EXAMPLE: THOW ARROW AMING AT THE ID. CIRCUIT BREAKER SIZES (AMPS/NUMBER OF POUES) ARE SHOWN IN THE PANELBOARD SCHEDULE WITH THE CORRESPONDING PANELBOARD AND CIRCUIT DESIGNATION. EXAMPLE: TONNE RUN TO PANELBOARD LPN; CIRCUITS 1, 3, 5. DISCONNECT NOTATION. EXAMPLE: 30 AMP FRAME DISCONNECT, 2 POLE, NEMA 3R, 15 AMP FUSE TRANSFORMERS. THE TRANSFORMER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTER T". SEE THE TRANSFORMER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTER T". SEE THE TRANSFORMER TYPE T"." PANEL BOARDS. PANELBOARD DOORS MAY BE SHOWN TO INDICATE OPENING SIDE OF RECESSED PANEL BOARDS. KEYNOTE. SEE THE SPECIAL NOTES ON THAT SHEET FOR THE NOTE NUMBER INDICATED IN THE EXAGON. CONDUIT/WIRES SHOWN WITH SLASH MARKS. SLASH MARK INDICATORS ARE: SLASH MARK INDICATOR ARE, SLASH MARK INDICATORS ARE: SL	<text></text>
		E-001 ELECT ED111 ELECT E-111 LIGHT	ECTRICAL SHEET INDEX RICAL TITLE SHEET RICAL DEMOLITION PLAN TING PLAN ER PLAN	DRAWN: CDH CHECKED: JLR DATE: 11/19/2024

### -102 LEVEL SEQUENCE NUMBER PLAN TYPE SEQUENCE NUMBER SHEET TYPE DESIGNATOR

E-001

ELECTRICAL TITLE SHEET



### 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.
- UNLESS NOTED OTHERWISE, REPLACE HALFTONED EXISTING
- RECEPTACLE AND PHONE DATA DEVICES AND COVORS. REUSE
  EXISTING BOXES, CONDUIT, AND WIRING. SEE KEYNOTE 4/E-121.
  DEMOLISH DEVICE, WIRING, AND RACEWAY WHERE SHOWN IN DASHED BOLD.
- 5 DEMOLISH EXISTING SURFACE RACEWAY, POWER, AND DATA WIRING BACK TO NEAREST ACCESSABLE 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

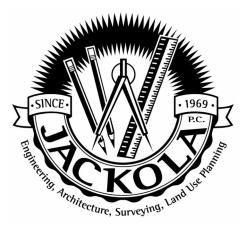
OWNER FURNISHED, CONTRACTOR INSTALLED (OFCI) : CENTER PEDESTAL FOR THE WIRED DESKS (ADD ALTERNATE #4) MOUNTS FOR TVS, PROJECTORS, & CAMERAS PROJECTOR SCREENS SPEAKERS

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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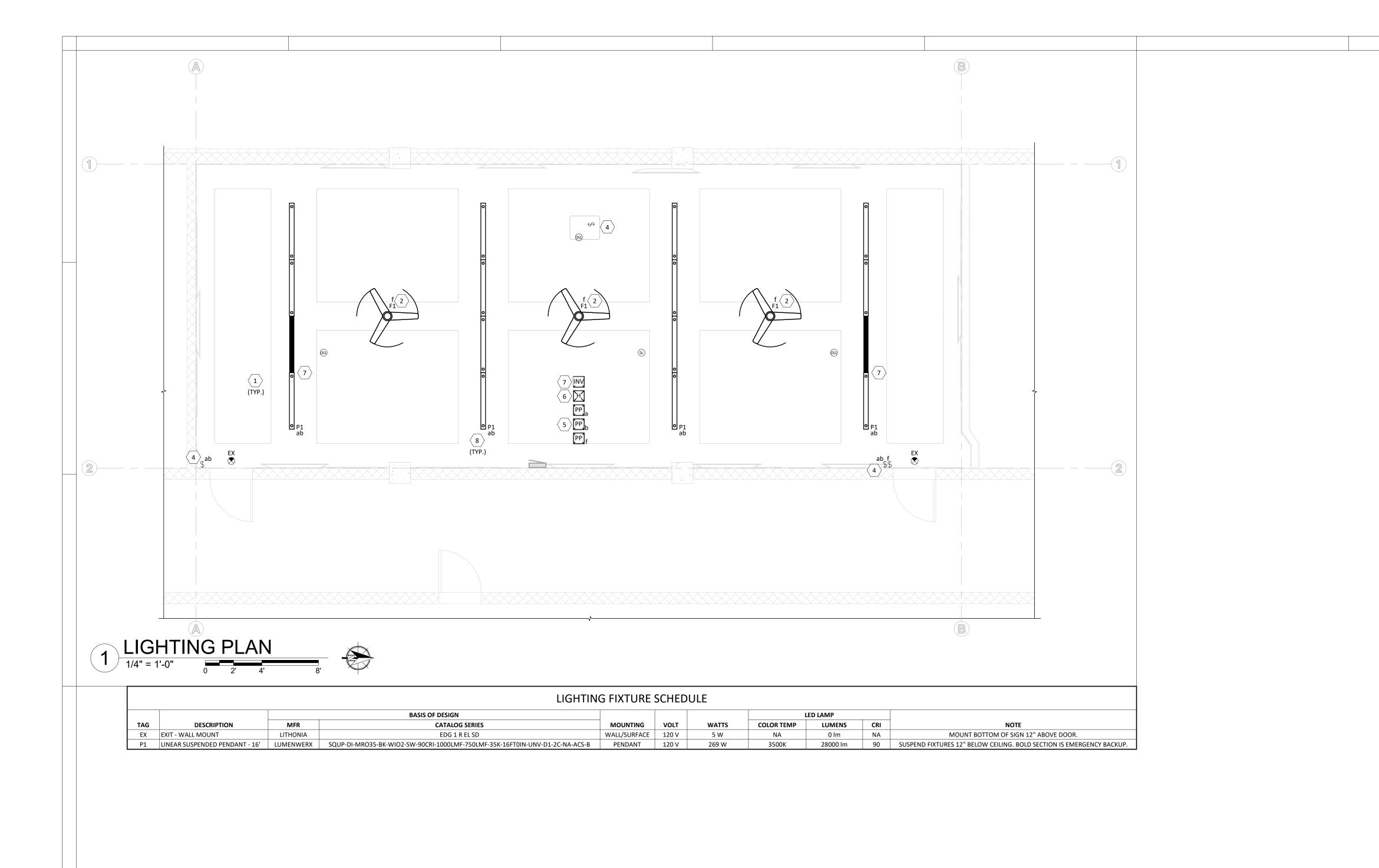
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ED111



### 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 CIRCUIT(S).

### 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 OFCI. COORDINATE EXACT FAN LOCATION AND
- MOUNTING WITH GC ONSITE. ROUTE FAN POWER TO LUTRON VIVE CONTROLLER, SEE KEYNOTE 5/E-111.
- NOT USED.
- 4 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

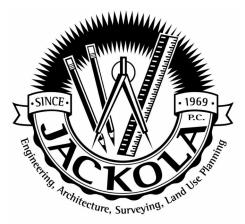
FANS

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



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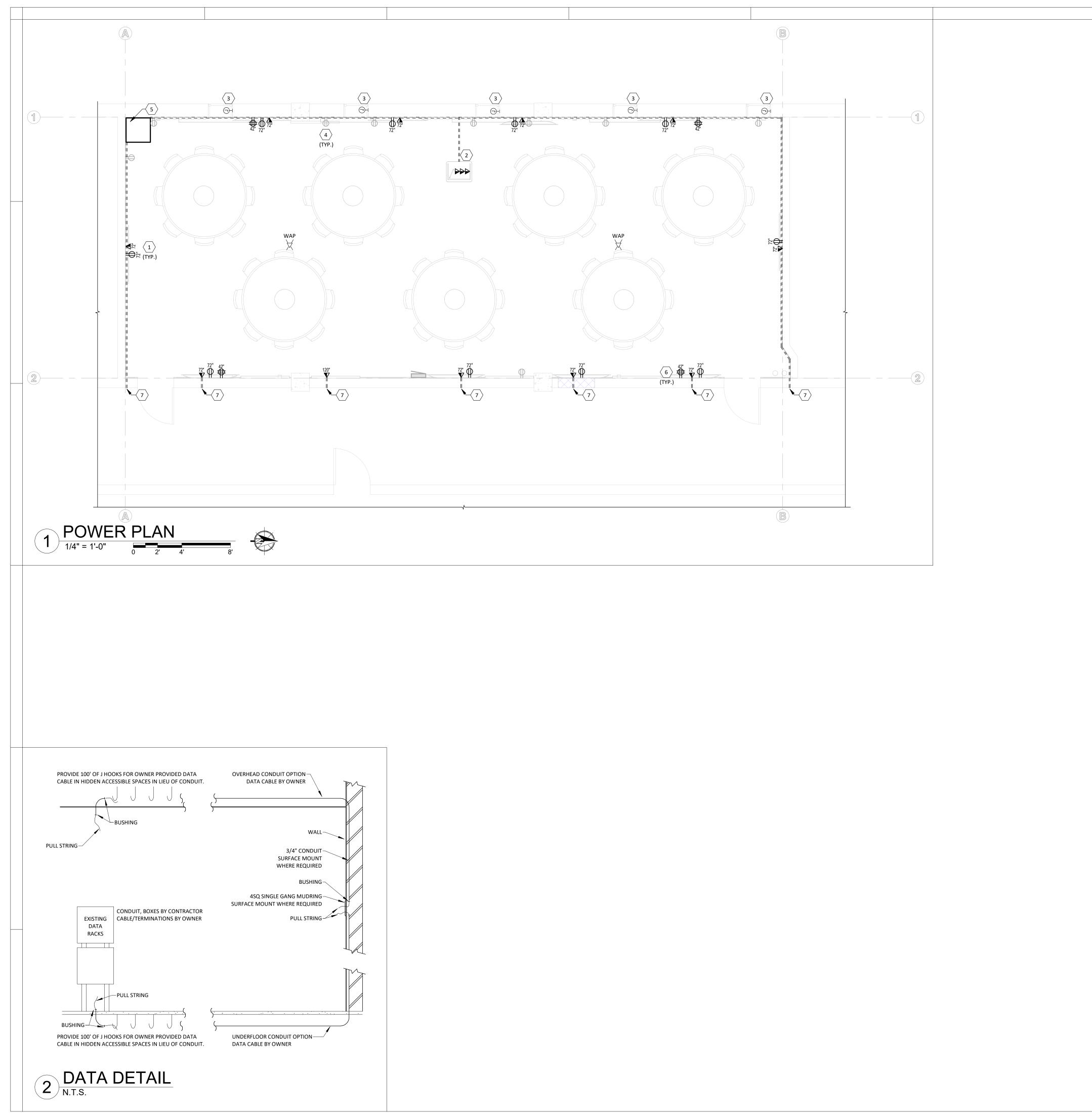
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### LIGHTING PLAN

E-111



OJECT #:2406

### 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-121.
- \* 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 REPLACES AND CONFERENCE 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
- GRCUIT 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

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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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### POWER PLAN

ENTIRE SHEET IS ADD ALTERNATE #1