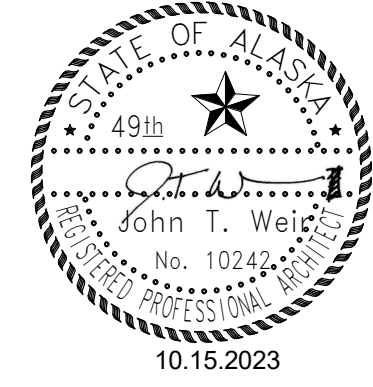


ANHC

# ALASKA NATIVE HERITAGE CENTER REMODEL

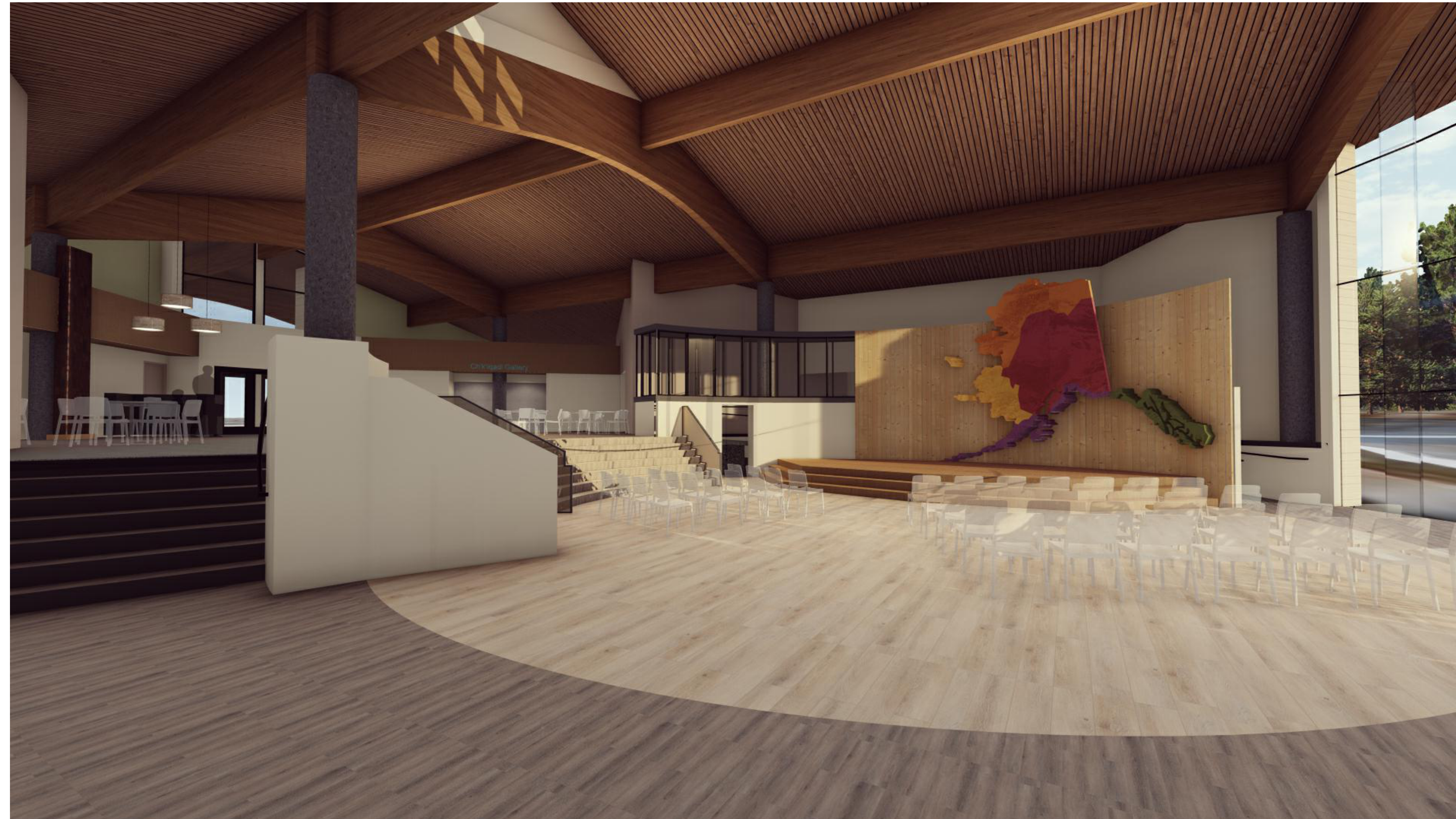
8800 Heritage Center Drive, Anchorage, Alaska

BID CONSTRUCTION DOCUMENTS



EDA AWARD NUMBER: 07-79-07924ED 10.15.2023

RENDERING



## INDEX OF DRAWINGS

<b>GENERAL</b>	MD103 MECHANICAL DEMOLITION FLOOR PLAN - FAN ROOM
G001 COVER SHEET	
G002 ABBREVIATIONS AND GENERAL NOTES	
G003 ASSEMBLIES	
<b>ARCHITECTURAL DEMOLITION</b>	<b>MECHANICAL</b>
D100 OVERALL FLOOR PLAN - DEMOLITION	M-001 MECHANICAL LEGEND AND ABBREVIATIONS
D101 OVERALL REFLECTED CEILING PLAN - DEMOLITION	M-102 MECHANICAL FLOOR PLAN - AREA B
	M-103 ENLARGED MECHANICAL PLAN - FAN ROOM
	M-501 DIAGRAMS, DETAILS, AND SCHEDULES
<b>ARCHITECTURAL</b>	<b>ELECTRICAL DEMOLITION</b>
A101 OVERALL FLOOR PLAN	ED101 ELECTRICAL DEMOLITION FLOOR PLAN - AREA A
A102 FLOOR PLAN - AREA A	ED102 ELECTRICAL DEMOLITION FLOOR PLAN - AREA B
A103 FLOOR PLAN - AREA B	
A104 REFLECTED CEILING PLAN - AREA A	<b>ELECTRICAL</b>
A105 REFLECTED CEILING PLAN - AREA B	E-001 ELECTRICAL PROJECT NOTES, LEGEND, AND ABBREVIATIONS
A201 INTERIOR ELEVATIONS - IDENTITY GALLERY 1	E-002 ELECTRICAL SPECIFICATIONS
A202 INTERIOR ELEVATIONS - IDENTITY GALLERY 2	E-101 LIGHTING FLOOR PLAN - AREA A
A203 INTERIOR ELEVATIONS - IDENTITY GALLERY 3	E-102 LIGHTING FLOOR PLAN - AREA B
A204 INTERIOR ELEVATIONS - IDENTITY GALLERY 4	E-103 DIMMING FLOOR PLAN - AREA A
A205 INTERIOR ELEVATIONS - IDENTITY GALLERY 5	E-201 POWER AND SIGNAL FLOOR PLAN - AREA A
A206 INTERIOR ELEVATIONS - LOBBY	E-202 POWER AND SIGNAL FLOOR PLAN - AREA B
A301 BUILDING SECTIONS	E-203 POWER FLOOR PLAN - MECHANICAL ROOM
A401 ENLARGED PLANS	E-501 DIMMING SYSTEM DIAGRAM AND SCHEDULE
A402 AUDITORIUM STAIRS - ALT 4	E-601 SCHEDULES
A501 INTERIOR DETAILS	E-602 SCHEDULES
A601 SCHEDULES	E-801 EXISTING CONDITIONS PHOTOS
A602 SIGNAGE	
<b>MECHANICAL DEMOLITION</b>	
MD102 MECHANICAL DEMOLITION FLOOR PLAN - AREA B	

1. REMOVAL OF UPPER WINDOWS IN IDENTITY GALLERIES
2. WOOD CEILING IN EXHIBITION SPACE
3. THEATRE FINISHES: CARPET PAINT
4. STAIRCASE
5. ADDED SIGNAGE
6. REPLACEMENT OF STAGE LIGHTING
7. REPLACEMENT OF HUMIDIFIER TO HAVE TWO WORKING UNITS

## ALTERNATES

## PROJECT TEAM

- FOR:
- SUBMITTAL
- PRICING



421 W. 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474  
explore design.com

COVER SHEET

SHEET NO.  
**G001**

# STANDARD ABBREVIATIONS

(E)	EXISTING	COORD	COORDINATE	FLR	FLOOR	LAM	LAMINATED	PCT	PORCELIAN CERAMIC TILE	STL	STEEL
ACOUST	ACOUSTICAL	CPT	CARPET	FOC	FACE OF CONCRETE	LAV	LAVATORY	LAV	LAVATORY	STOR	STORAGE
ACT	ACOUSTIC CEILING TILE	CRF	COVED RESILITANT FLOORING	FOS	FACE OF STUD	LS	LAG SCREW	PERF	PERFORATED PLYWOOD	STRUCT	STRUCTURAL
ADD	ADDITIVE			FPW	FIRE RETARDANT TREATED PLYWOOD	MANU	MANUFACTURER	PLWD	PLYWOOD	SUSP	SUSPENDED
ADJ	ADJUSTABLE	CTSK	COUNTERSUNK			MATL	MATERIAL	PNL	PANEL	SV	SHEET VINYL
ADMIN	ADMINISTRATION	CUH	CABINET UNIT HEATER	FRP	FIBERGLASS REINFORCED PLASTIC	MAX	MAXIMUM	PR	PAIR	T&G	TONGUE AND GROOVE
AFF	ABOVE FLOOR FINISH	D	DEEP	FRT	FIRE RETARDANT TREATED	MBR	MEMBER	PT	PAINT	TB	TACK BOARD
AK	ALASKA	DBL	DOUBLE			MDF	MEDIUM DENSITY FIBERBOARD	R	RADIUS/ RISER	TEL	TELEPHONE
AL/ALUM	ALUMINUM	DF	DRINKING FOUNTAIN	FT	FOOT OR FEET			R/A	RETURN AIR	TOB	TOP OF BEAM
ALT	ALTERNATE	DIA	DIAMETER			MECH	MECHANICAL	RB	RUBBER BASE	TOD	TOP OF DECK
APPROX	APPROXIMATE	DIM	DIMENSION	FTG	FOOTING	MFP	METAL FACED PLYWOOD	RD	ROOF DRAIN	TOEB	TOP OF EXISTING BEAM
ARCH	ARCHITECTURAL	DISP	DISPENSER	FURR	FURRING			REF	REFERENCE	TOED	TOP OF EXISTING DECK
AT	ACOUSTIC TILE	DN	DOWN	GA	GAUGE	MFRD	MANUFACTURED	REFER	REFRIGERATOR	TOEJ	TOP OF EXISTING JOINT
AWP	ACOUSTICAL WALL PANEL	DTL	DETAIL	GALV	GALVANIZED	MIN	MINIMUM	REINF	REINFORCED	TOEP	TOP OF EXISTING PARAPET
		DW	DISHWASHER	GL	GLASS	MISC	MISCELLANEOUS	REQ'D	REQUIRED		
BD	BOARD	DWG	DRAWING	GWB	GYPSTUM WALLBOARD	MO	MASONRY OPENING	REV	REVISION	TOP PL	TOP PLATE
BLD/BLDG	BUILDING	DWR	DRAWER	GYP	GYPSTUM	MTL	METAL	RF	RESILIENT FLOORING	TP	TOILET PAPER
BM	BEAM	E/A	EXHAUST AIR	HDPB	HIGH DENSITY PARTICLE BOARD	MULL	MULLION	RM	ROOM	TR	TREADS
BOD	BOTTOM OF DECK	EA	EACH			N/A	NONE/ NOT APPLICABLE	RT	RUBBER TILE	TYP	TYPICAL
BOT	BOTTOM	EL/ELEV	ELEVATION	HDW	HARDWARE	NIC	NOT IN CONTRACT	RTU	ROOF TOP UNIT	UL	UNDERWRITERS LABORATORY
BTWN	BETWEEN	ELEC	ELECTRICAL	HDWD	HARDWOOD	NOM	NOMINAL	S	STUD		
C/L	CENTERLINE	ENCL	ENCLOSURE	HORIZ	HORIZONTAL	NTS	NOT TO SCALE	SA	SUPPLY AIR	UNO	UNLESS NOTED OTHERWISE
CAB	CABINET	EPDM	ETHYLENE PROPYLENE DIENE MONOMER	HP	HORSEPOWER	O	OUTSIDE	SAC	SUSPENDE ACOUSTICAL CEILING		
CB	COVE BASE			HR	HOUR	O.R.	OWNERS REP.			VERT	VERTICAL
CC	COLUMN COVER	EQ	EQUAL	HT	HEIGHT	O/	OVER	SCHED	SCHEDULE	VEST	VESTIBULE
CIP	CAST IN PLACE	EW	EMERGENCY EYE WASH	I	INSIDE	O/A	OUTSIDE AIR	SEAL	SEALER	VR	VAPOR RETARDER
CJ	CONTROL JOINT	EX/EXIST	EXISTING	ID	INSIDE DIAMETER	OC	ON CENTER	SECT	SECTION	W	WIDE OR WALL
CLR	CLEAR	EXP	EXPOSED STRUCTURE (NO CEILING)	IFS	INSIDE FACE OF STUD	OD	OUTSIDE DIAMETER	SF	SQUARE FOOT	W/	WITH
CMU	CONCRETE MASONRY UNITS			IMP	INSULATED METAL PANEL	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	SHT	SHEET	W/O	WITHOUT
		EXT	EXTERIOR					SHTG	SHEATHING	WC	WATER CLOSET
COL	COLUMN	FD	FLOOR DRAIN	INCL	INCLUDING			SIM	SIMILAR	WD	WOOD
CONC	CONCRETE	FDN	FOUNDATION	INSUL	INSULATION/INSULATING	OFD	OVER FLOW DRAIN	SM	SURFACE MOUNT	WFB	WOOD FIBER BOARD
CONF	CONFERENCE	FE	FIRE EXTINGUISHER	INT	INTERIOR	OFS	OUTSIDE FACE OF STUD	SPECS	SPECIFICATIONS	WOM	WALK OFF MAT
CONST	CONSTRUCTION	FF	FACTORY FINISH	JAN	JANITOR	OFW	OUTSIDE FACE OF WALL	SQ	SQUARE	WP	WATERPROOF
CONT	CONTINUOUS	FIN	FINISH	JT	JOINT	OH	OVERHEAD	SS	STAINLESS STEEL	WRGWB	WATER RESISTANT GYPSUM WALLBOARD
CONTR	CONTRACTOR	FIXT	FIXTURE	KIT	KITCHEN	OPNG	OPENING	ST	STAIN	WWF	WELDED WIRE FABRIC
		FLASH	FLASHING	L	LONG	OPP	OPPOSITE HAND	STD	STANDARD		
				P-LAM	PLASTIC LAMINATE						

# DRAWING SYMBOLS

ROOM NAME <b>201</b>	ROOM TAG / NUMBER <b>A040</b>		DETAIL CALLOUT		NORTH ARROW		FINISH TAG
<b>XXX</b>	DOOR TAG		BUILDING OR WALL SECTION		VIEW TITLE		
<b>B</b>	WALL TAG		INTERIOR / EXTERIOR ELEVATION		GRID LINES		

# GENERAL NOTES DEMOLITION PLANS

- DEMOLITION PROCEDURES SHALL COMPLY WITH ANSI/ASSE A10.6 AND NFPA 241.
- THE INFORMATION SHOWN IN THIS DRAWING IS TAKEN FROM AS-BUILT DRAWINGS AND WALK-THRU OF THE EXISTING FACILITY. THERE IS NO WARRANTY OR GUARANTEE AS OF THE ACCURACY OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS, AREAS, AND ASSEMBLIES SHOWN FOR DEMOLITION PRIOR TO START OF WORK.
- REFER TO MECHANICAL, ELECTRICAL SHEETS FOR RELATED DEMOLITION INFORMATION.
- THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL SALVAGEABLE MATERIAL, THE CONTRACTOR SHALL DELIVER SALVAGED MATERIALS TO AN AREA AS DIRECTED BY THE OWNER.
- CONTRACTOR TO VERIFY EXISTING CONDITIONS BEFORE WORK. DEMOLITION WILL BE GOVERNED BY NEW CONSTRUCTION INVOLVED.
- REMOVAL OF EXISTING EQUIPMENT, CASEWORK, M&E, AND MAJOR ITEMS NOTED FOR DEMOLITION SHALL INCLUDE ALL ANCHORS, HANGERS, AND ATTACHMENTS. AFTER REMOVAL OF ALL FLOORS, WALLS, AND CEILINGS, SURFACES SHALL BE PREPARED TO RECEIVE NEW FINISH OR FINISHED TO MATCH ADJACENT CONDITIONS.
- MATCH THICKNESS OF EXISTING WALL AND CEILINGS WHERE PATCH AND REPAIR IS REQUIRED.
- REMOVE EXISTING EQUIPMENT, DISPOSE ITEMS NOT REMAINING IN THE PROJECT AND PROTECT EXISTING EQUIPMENT TO REMAIN DURING CONSTRUCTION.
- SELECT WALLS, DOORS, FRAMES, RELITES & FRAMES, HARDWARE, CASEWORK, INTERIOR WINDOWS & WINDOW FRAMES, AND OTHER DEVICES ARE TO BE REMOVED AS INDICATED IN PLAN.
- RETURN UNUSED DOORS TO BUILDING OWNER FOR SURPLUS STOCK.
- PATCH AND REPAIR DAMAGE TO ADJACENT WALL SURFACES SCHEDULED TO REMAIN, AND PREPARE FOR NEW FINISHES.
- DIMENSIONS ARE TO FACE OF FINISH, U.N.O.
- EXISTING WINDOW SHADES TO BE REMOVED WITHIN PROJECT SCOPE AREA.
- ITEMS OF INTEREST OR VALUE THAT ARE UNCOVERED DURING DEMOLITION BECOME THE PROPERTY OF BUILDING OWNER.
- ALL DISCREPANCIES BETWEEN INFORMATION IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE DESIGNER'S ATTENTION IMMEDIATELY FOR CLARIFICATION AND RESOLUTION.
- PROVIDE TEMPORARY BARRICADES AND OTHER PROTECTION REQUIRED TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT BUILDINGS AND FACILITIES TO REMAIN.
- PROTECT WALLS, CEILINGS, FLOORS AND OTHER FINISH WORK THAT ARE TO REMAIN OR THAT ARE EXPOSED DURING DEMOLITION OPERATIONS.
- FIELD VERIFICATION: CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND VERTICAL CONTROL PRIOR TO THE COMMENCEMENT OF WORK. PROMPTLY NOTIFY THE DESIGNER IN WRITING OF DISCREPANCIES IN NEW AND/OR EXISTING CONDITIONS.
- TEMPORARY RELOCATION OF EXISTING DISPLAYS TO BE DONE BY THE CONTRACTOR, COORDINATED WITH OWNER AND PROTECTED DURING CONSTRUCTION. ONCE CONSTRUCTION IS COMPLETE, CONTRACTOR IS RESPONSIBLE FOR RE-INSTALLATION.

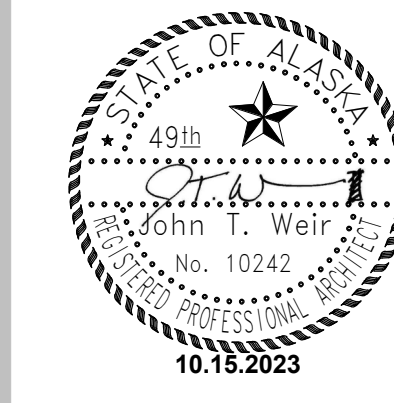
# GENERAL NOTES - CONSTRUCTION PLANS

- DIMENSIONS ARE TO FINISHED FACE OF GWB U.N.O.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH BUILDING CODES IN THE EDITIONS MOST RECENTLY ADOPTED BY THE CITY OF ANCHORAGE.
- NO WORK SHALL COMMENCE AT THE SITE UNTIL APPLICABLE APPROVALS AND REQUIRED PERMITS HAVE BEEN OBTAINED BY THE GENERAL CONTRACTOR.
- ALL WORK LISTED, SHOWN OR IMPLIED ON ANY CONSTRUCTION DOCUMENT SHALL BE SUPPLIED AND INSTALLED BY THE GENERAL CONTRACTOR. UNO.
- CONTRACTOR SHALL VERIFY DIMENSIONS, REQUIRED CLEARANCES AND SYSTEM REQUIREMENTS FOR ALL SCOPE OF WORK. NOTIFY THE OWNERS REP OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR HAVING THE MOST CURRENT SET OF CONTRACT DOCUMENTS ON SITE DURING CONSTRUCTION AND FOR THE DISTRIBUTION OF CURRENT DRAWINGS TO ALL SUB-CONTRACTORS. THE CONTRACTOR AND THEIR SUB-CONTRACTORS ARE RESPONSIBLE FOR REVIEWING REISSUED DOCUMENTS FOR CHANGES. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE OWNERS REP OF ANY CHANGES THAT AFFECT THE SCOPE OF WORK.
- DOOR OPENINGS: U.N.O., ALL DOORS ARE TO BE LOCATED SUCH THAT THE FINISH FACE OF THE HINGE JAMB IS 4" FROM NEAREST INTERSECTING PARTITION. INSTALL NEW DOORS & FRAMES PER DOOR/OPENING LEGEND.
- ANY DISCREPANCIES BETWEEN INFORMATION IN THESE DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE DESIGNER'S ATTENTION IMMEDIATELY FOR CLARIFICATION AND RESOLUTION.
- ADD ELECTRICAL/PLUMBING FOR NEW APPLIANCES/FIXTURES, ETC.
- FURNITURE TO BE FED BY POWER/DATA LOCATED IN ADJACENT WALLS WHEREVER POSSIBLE, OR THROUGH EXISTING FLOOR CORE LOCATIONS.
- PROVIDE BRACING IN WALL AT ALL UPPER CABINETS, WHITEBOARDS AND SCREENS AS NEEDED.
- ALL SURFACES (FLOOR, WALL, CEILING) TO BE PREPARED AND FLOATED OUT TO RECEIVE THEIR SCHEDULED FINISHES AND TO MAINTAIN SMOOTH, CONSISTENT APPEARANCE. NOTICEABLE DRYWALL SEAMS NOT ACCEPTABLE.
- PARTITIONS SCHEDULED TO RECEIVE STANDARD PAINT COMPLY WITH GA-214-90 LEVEL 4 FINISH. WALLS TO RECEIVE WALLCOVERING SHALL COMPLY WITH GA-214-90 LEVEL 5 FINISH.
- ALL ACCESS PANELS ARE TO BE PAINTED TO MATCH ADJACENT SURFACE. PAINT IS TO BE SPRAY APPLIED, NOT BRUSHED OR ROLLED.
- ALL CONVENTIONAL WALLS TO BE PAINTED HIGH-PERFORMANCE ARCHITECTURAL LATEX INTERIOR PAINT: SHERWIN WILLIAMS PROMAR 200 ZERO VOC, EGG SHELL FINISH, P-X, U.N.O.
- ALL REVEALS AND JOINTS TO BE PAINTED TO MATCH ADJACENT SURFACES, U.N.O.
- INSTALL ALL FINISH MATERIALS PER MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
- ALL ROOMS TO BE SWITCHED PER ELECTRICAL, U.N.O. ALL SWITCHES AND SENSORS ARE TO BE LOCATED 6" FROM THE END OF THE DOOR IN OPEN POSITION. IF ADDITIONAL SWITCHES ARE REQUIRED COORDINATE WITH DESIGNER FOR LOCATION.
- ALL SPECIALTY LIGHTING TO HAVE SMOOTH DIMMER CAPABILITIES.
- FIELD VERIFICATION: CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND VERTICAL CONTROL PRIOR TO THE COMMENCEMENT OF WORK. PROMPTLY NOTIFY THE DESIGNER IN WRITING OF DISCREPANCIES IN NEW AND/OR EXISTING CONDITIONS.
- IN PUBLIC FACING AREAS, PROVIDE NEW WOOD BASE TO MATCH EXISTING.
- ALL SURFACES IN SCOPE OF WORK TO BE PREPARED AND FLOATED OUT AS NECESSARY TO RECEIVE THEIR SCHEDULED FINISHED AND TO MAINTAIN SMOOTH EVEN AND CONSISTENT APPEARANCE.
- ALL FLOORING TRANSITIONS OCCUR AT CENTERLINE OF DOOR OR OPENING UNO
- REFER TO MATERIAL LEGEND FOR FINISHES.
- RE-INSTALL EXISTING EQUIPMENT THAT WAS PROTECTED DURING CONSTRUCTION.
- REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION PERTAINING TO CEILING-MOUNTED SYSTEMS.
- CONCRETE SUBFLOOR PREP:
  - FLOORS SHALL BE SMOOTH, PERMANENTLY DRY, CLEAN AND FREE OF ALL FOREIGN MATERIAL SUCH AS DUST, WAX, SOLVENTS, PAINT, GREASE, OILS, AND OLD ADHESIVE RESIDUE. THE SURFACE MUST BE HARD AND DENSE, AND FREE FROM POWDER OR FLAKING.
  - CONCRETE SLABS MUST BE DRY WITH NO VISIBLE MOISTURE
  - DO NOT INSTALL OVER CONCRETE WITH HISTORY OF HIGH MOISTURE OF HYDROSTATIC CONDITIONS.
  - PH LEVEL OF CONCRETE SHOULD BE BETWEEN 7-10
  - FILL DEPRESSIONS OR CRACKS WITH A CEMENTITIOUS PATCHING / LEVELING COMPOUND THAT MEETS OR EXCEEDS THE MAXIMUM MOISTURE LEVEL AND PH REQUIREMENTS OF THE PRODUCT MANUFACTURE AND MEET A COMPRESSION STRENGTH OF 3,000 PSI.

FOR:  
 SUBMITTAL  
 PRICING

**MCG**  
EXPLORE  
DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
explore设计.com



ANHC

# ALASKA NATIVE HERITAGE CENTER REMODEL

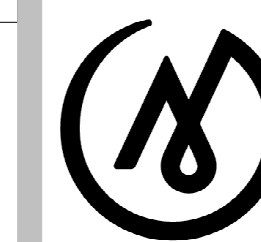
8800 Heritage Center Drive,  
Anchorage, Alaska

# BID CONSTRUCTION DOCUMENTS

JOB NO.	<b>2023014</b>
DATE:	<b>10.15.2023</b>
PROJ. MGR.:	<b>MLP</b>
DRAWN BY:	<b>MLP</b>
REVIEWED BY:	<b>JTW</b>
REVISIONS:	

# ABBREVIATIONS AND GENERAL NOTES

SHEET NO.  
**G002**



ANHC

**ALASKA  
 NATIVE  
 HERITAGE  
 CENTER  
 REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION  
 DOCUMENTS**

JOB NO. **2023014**  
 DATE: **10.15.2023**  
 PROJ. MGR.: **MLP**  
 DRAWN BY: **MLP**  
 REVIEWED BY: **JTW**  
 REVISIONS:

**ASSEMBLIES**

SHEET NO.

**G003**

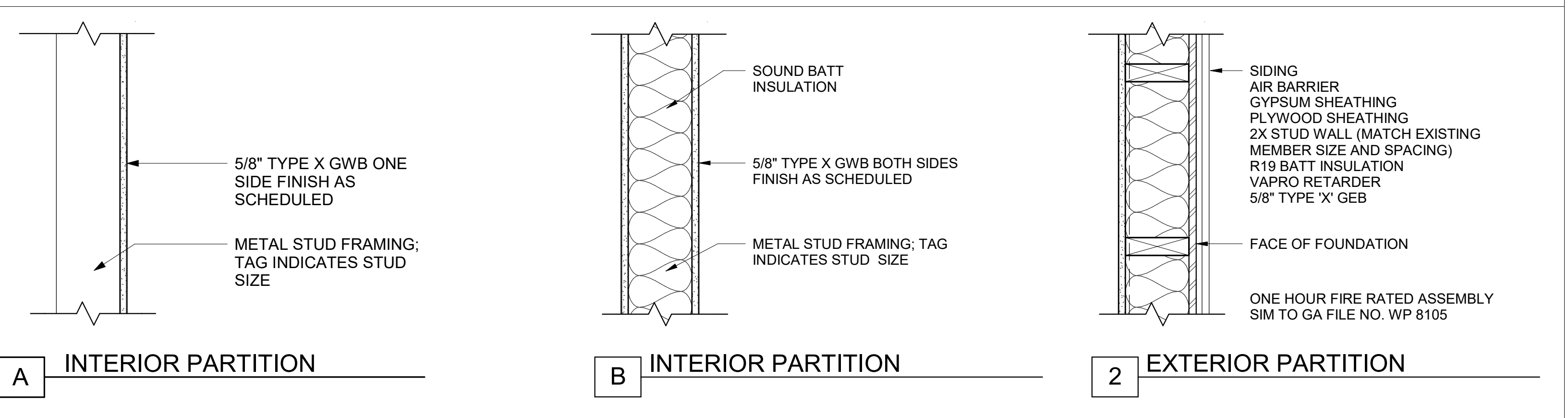
**LEGEND**

ASSEMBLY TYPE SYMBOL:	STUD KEY SIZE
<p>WALL TYPE ALPHA/NUMERIC CODE</p> <p>STUD SIZE, PER KEY</p> <p>ACOUSTICAL SOUND INSULATION, INDICATED BY "S" IF REQUIRED</p> <p>INDICATED FACE OF WALL ASSEMBLY FOR SIDE OF WALL, REFER TO PLAN FOR SIDE INDICATION</p>	1 = 1 5/8" STEEL
	2 = 2 1/2" STEEL
	4 = 4" STEEL
	6 = 6" STEEL
	8 = 8" STEEL
	10 = 10" STEEL
	12 = 12" STEEL

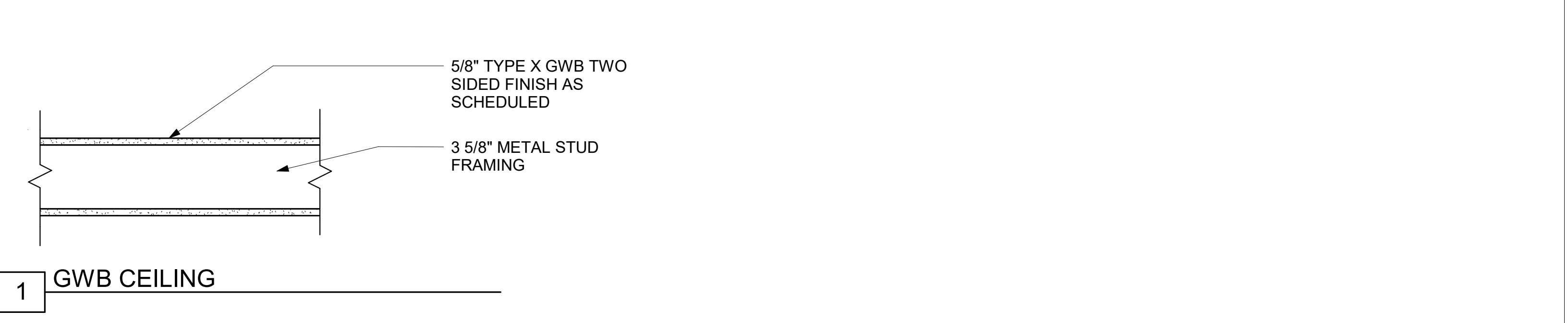
**GENERAL NOTES**

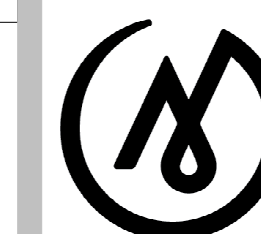
- ALL DIMENSIONS ARE TO FACE OF STUD, CONCRETE OR C.M.U. UNLESS OTHERWISE NOTED. DIMENSIONING POINTS ARE TO THE MAIN WALL MEMBER AND NOT TO THE FACE OF ANY FURRING OR FINISH SHOWN ON THE WALL TYPES.
- FINISH MATERIALS SUCH AS CERAMIC TILE, WALL COVERINGS, ETC. ARE NOT TYPICALLY SHOWN AS AN INTEGRAL PART OF THE ASSEMBLY. REFER TO FINISH SCHEDULES AND INTERIOR ELEVATIONS FOR ADDITIONAL FINISH REQUIREMENTS.
- PROVIDE CEMENT BOARD IN LIEU OF GYPSUM BOARD AS SUBSTRATE TO ALL WALLS WITH CERAMIC TILE FINISH; REFER TO FINISH SCHEDULE FOR LOCATIONS.
- STUD SIZES TYPICALLY USED THROUGHOUT THE PROJECT ARE SHOWN WITH EACH ASSEMBLY TYPE.
- 4" INTERIOR METAL STUDS OVER 17' HIGH SHALL BE STRUCTURAL STUDS; DESIGNED FOR 5 PSF AT L/240.
- 6" INTERIOR METAL STUDS OVER 20' HIGH SHALL BE STRUCTURAL STUDS; DESIGNED FOR 5 PSF AT L/240.

**VERTICAL ASSEMBLY TYPES**



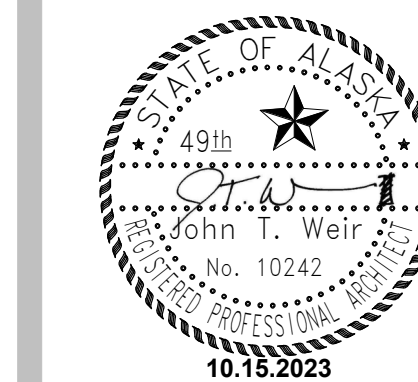
**HORIZONTAL ASSEMBLY TYPES**





**MCG**  
 EXPLORE  
 DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com



ANHC

**ALASKA  
 NATIVE  
 HERITAGE  
 CENTER  
 REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION  
 DOCUMENTS**

JOB NO. 2023014  
 DATE: 10.15.2023  
 PROJ. MGR.: MLP  
 DRAWN BY: SP  
 REVIEWED BY: JTW  
 REVISIONS:

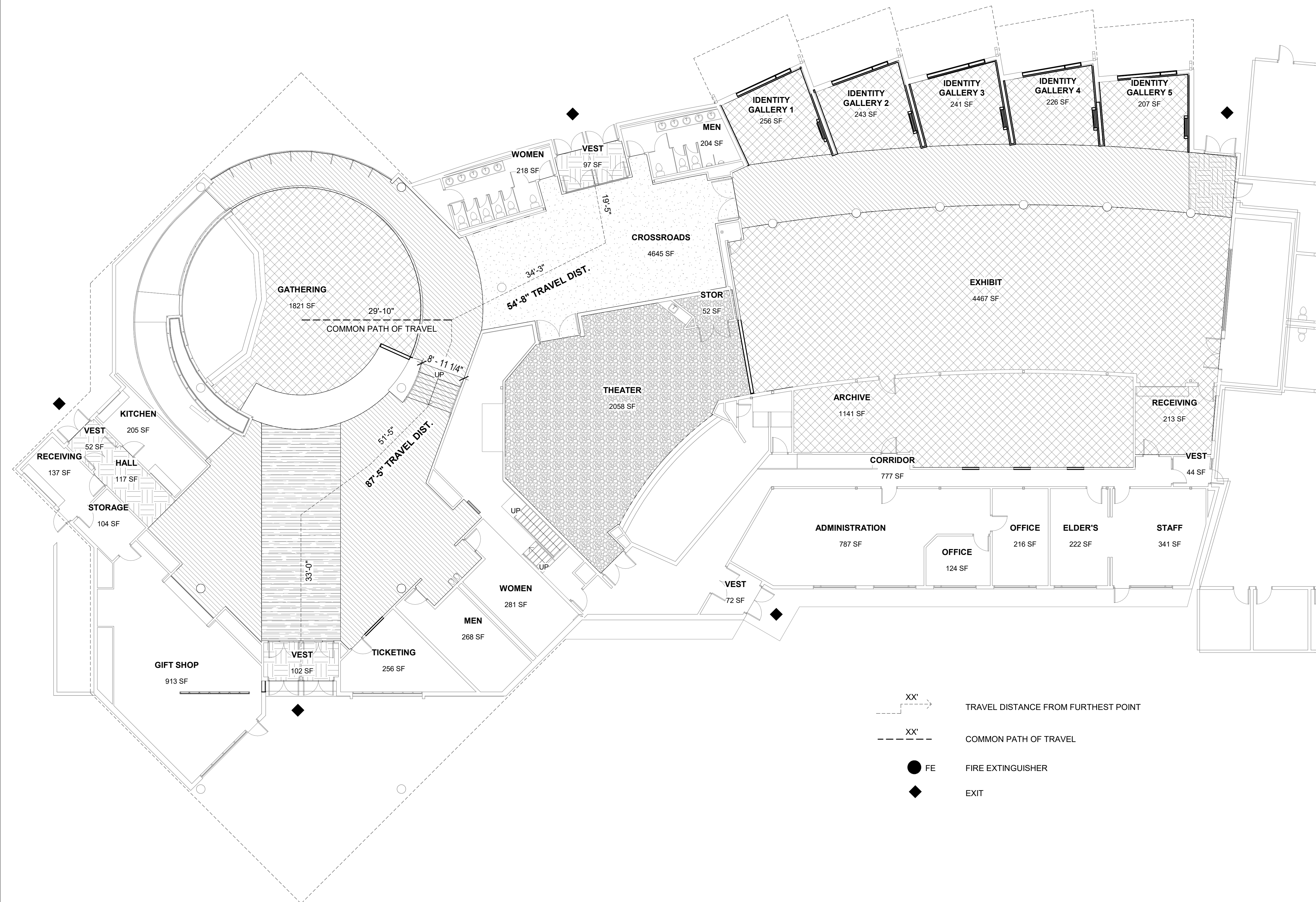
**CODE PLAN**

SHEET NO.

**G004**

**Auditorium Stairs – Code Summary**

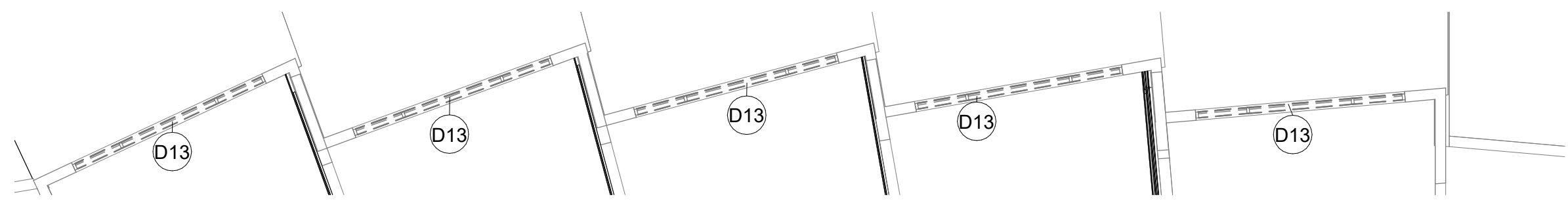
- International Building Code 2021 as amended by SOA
- Remodel of auditorium interior, which includes radial interior staircase and attached auditorium seating.
- Construction Type:** Type III (Type III construction is that type of construction in which the exterior walls are of noncombustible materials and the interior building elements are of any materials permitted by this code.)
- Occupancy Groups:** (Type A-3 used for allowable height and area)
  - Group A-3: IBC 303.4 allows this classification for intended uses including art galleries and museums.
- Incidental Use Areas (TA.509):**
  - There are no incidental use areas which would need fire separations per Section 509.
- Separation of Occupancies (Table 508.4):**
  - None required
- Fire Protection: (Table 705.5)**
  - Occupancy group A-3 would require a fire separation of X ≥ 30 feet for Type III (All) construction.
- Allowable Height & Area (Table 504.3)**
  - Not applicable for planned interior work.
- Structural Fire Resistance (Table 601):**
  - No fire resistance of structural elements required for Type IIIB construction
- Interior Finishes**
  - Interior floor covering materials to comply with Sections 804.4.1 and 804.4.2 and interior floor finish materials to comply with Sections 804.4.2.
  - Interior finishes for atriums: The interior finish of walls and ceilings of the atrium shall be not less than Class B. Sprinkler protection shall not result in a reduction in class.
- Occupant Loads and Exiting:**
  - Occupant loads (Table 1004.5)
  - Assembly – without fixed seats, standing space = 5 net
  - Area of assembly (1821sqft/5 net) = 364.2 occupant load
  - Post maximum occupancy signage in Assembly entrance (1004.9)
  - Egress component widths = For other than Group H and I-2 occupancies, stairways shall be calculated by multiplying the occupant load served by stairways by a means of egress capacity factor of 0.2<sup>2</sup> per occupant. (Exception 1 on 1005.3.1)
  - 364.2 x 0.2 = 72.84" = 6.07' minimum egress width
  - Egress width of staircase on side of auditorium is 8'-11 1/4", granting auditorium stairs are not required to be egress stairs.
  - Common path of egress travel distance not to exceed 75' (Table 1006.2.1)
  - Exit access travel distance not to exceed 250' (Table 1017.2)
- Means of Egress Sizing**
  - Stair riser heights shall be 7 inches maximum and 4 inches minimum. The riser height shall be measured vertically between the nosings of adjacent treads or between the stairway landing and the adjacent tread. Rectangular tread depths shall be 11 inches minimum measured horizontally between the vertical planes of the foremost project of adjacent treads and at a right angle to the tread's nosing. 1011.5.2
  - Nosings shall have a curvature or bevel of not less than 1/16 inch but more than 9/16 inch from the foremost projection of the tread. Risers shall be a solid and vertical or sloped under the tread above the from the underside of the nosings above at an angle not more than 30 degrees from the vertical. 1011.5.5
  - The leading edge (nosings) of treads shall project not more than 1 1/4 inches beyond the tread below. 1011.5.5.1
  - Handrails: Flights of stairways shall have handrails one each side and shall comply with Section 1014. Where glass is used to provide the handrail, the handrail shall comply with Section 2407. 1011.11
  - Handrail height: Handrail height, measured above stove tread nosings, or finish surface of ramp slope, shall be uniform, not less than 34 inches and not more than 38 inches. 1014.2
  - Handrail graspability Type I: Where the handrail is not circular, it shall have a perimeter dimension of not less than 4 inches and not greater than 6 1/4 inches with a maximum cross-sectional dimension of 2 1/4 inches and minimum cross sectional dimension of 1 inch. Edges shall have a minimum radius of 0.01 inch. 1014.3.1
  - Handrail extensions: Where handrails are not continuous between flights, the handrails shall extend horizontally not less than 12 inches. 1014.6
- Accessibility**
  - IBC Chapter 11 and ANSI A117.1-2009 are used as a design metric for building accessibility requirements.



- XX' TRAVEL DISTANCE FROM FURTHEST POINT
- XX' COMMON PATH OF TRAVEL
- FE FIRE EXTINGUISHER
- ◆ EXIT

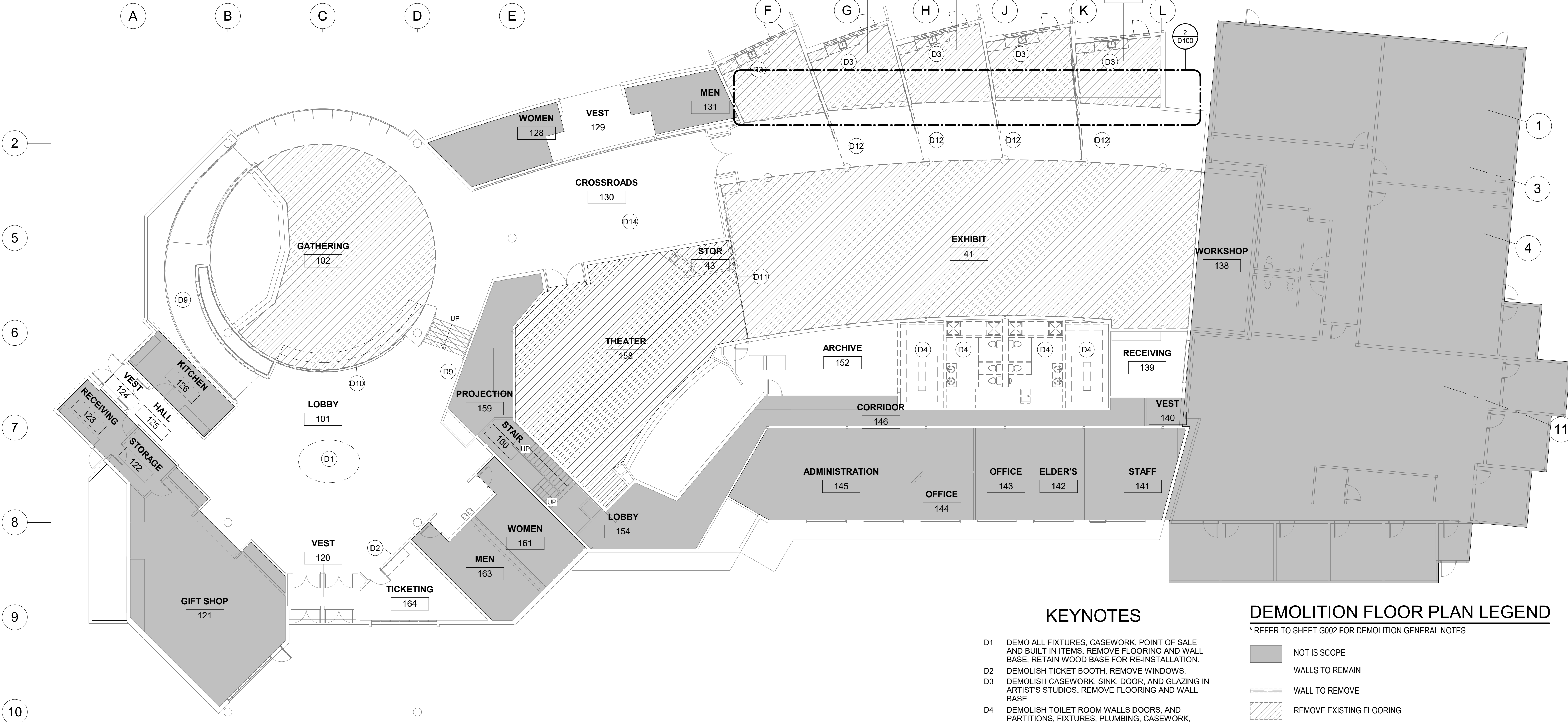
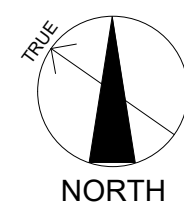
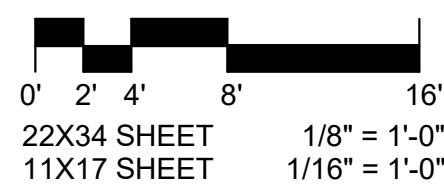
**1 OVERALL FLOOR PLAN - CODE PLAN**

G004 3/32" = 1'-0"



**2** DEMOLITION CLEAR STORY FLOOR PLAN - ALT 1

D100 1/8" = 1'-0"



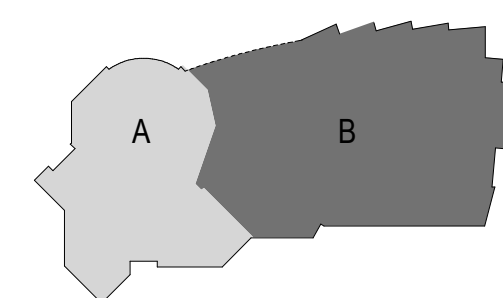
**KEYNOTES**

- D1 DEMO ALL FIXTURES, CASEWORK, POINT OF SALE AND BUILT IN ITEMS. REMOVE FLOORING AND WALL BASE. RETAIN WOOD BASE FOR RE-INSTALLATION.
- D2 DEMOLISH TICKET BOOTH, REMOVE WINDOWS.
- D3 DEMOLISH CASEWORK, SINK, DOOR, AND GLAZING IN ARTIST'S STUDIOS. REMOVE FLOORING AND WALL BASE
- D4 DEMOLISH TOILET ROOM WALLS DOORS, AND PARTITIONS, FIXTURES, PLUMBING, CASEWORK, EQUIPMENT ETC. REMOVE FLOORING AND WALL BASE.
- D9 DEMOLISH RECESSED WALL MOUNTED LIGHT FIXTURES IN THIS AREA AND PREPARE FOR NEW LIGHT INSTALLATION. REFER TO ELECTRICAL FOR MORE INFORMATION.
- D10 DEMOLISH PARTIAL HEIGHT WALL AND BUILT IN BANQUETTE. ALT #4
- D11 DEMOLISH POCKET DOOR
- D12 DEMOLISH SCREENS, TRACKS AND WOOD TRIM AT THIS LOCATION
- D13 DEMOLISH TRANSOM WINDOW AT THIS LOCATION. ALT #1
- D14 THIS AREA OF DEMOLITION IS UNDER ALT #3.

**DEMOLITION FLOOR PLAN LEGEND**

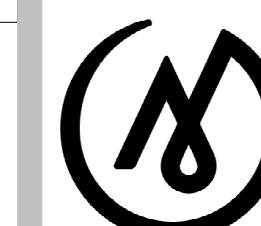
\* REFER TO SHEET G002 FOR DEMOLITION GENERAL NOTES

- NOT IN SCOPE
- WALLS TO REMAIN
- WALL TO REMOVE
- REMOVE EXISTING FLOORING



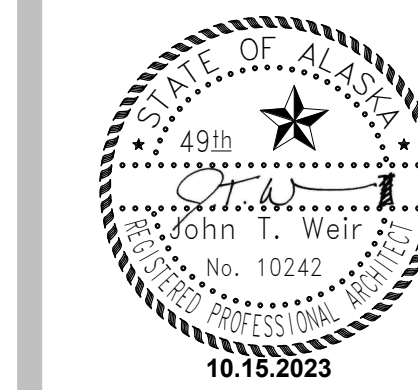
KEY PLAN

FOR:  
• SUBMITTAL  
• PRICING



**MCG**  
EXPLORE  
DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
exploredesign.com



ANHC

**ALASKA**  
NATIVE  
HERITAGE  
CENTER  
REMODEL

8800 Heritage Center Drive,  
Anchorage, Alaska

**BID CONSTRUCTION**  
DOCUMENTS

JOB NO. 2023014  
DATE: 10.15.2023  
PROJ. MGR.: MLP  
DRAWN BY: MLP  
REVIEWED BY: JTW  
REVISIONS:

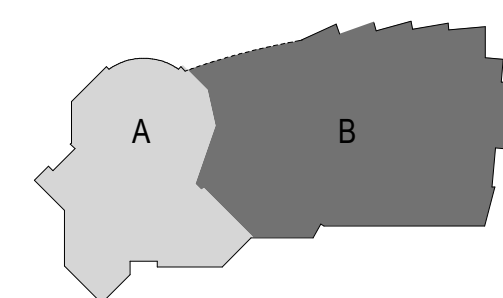
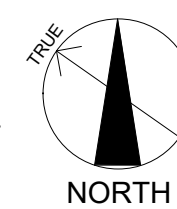
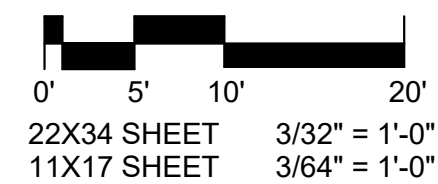
**OVERALL**  
FLOOR PLAN -  
DEMOLITION

SHEET NO.

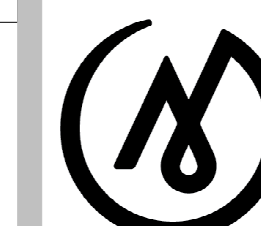
**D100**

**1** DEMOLITION FLOOR PLAN - OVERALL

D100 3/32" = 1'-0"

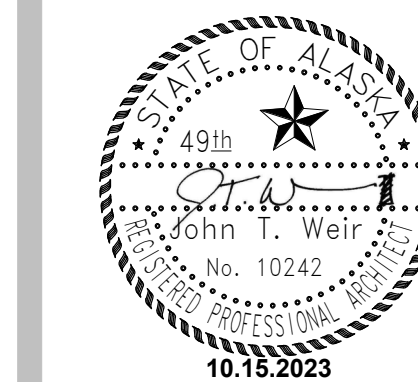


KEY PLAN



**MCG**  
 EXPLORE  
 DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com



ANHC

**ALASKA  
 NATIVE  
 HERITAGE  
 CENTER  
 REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

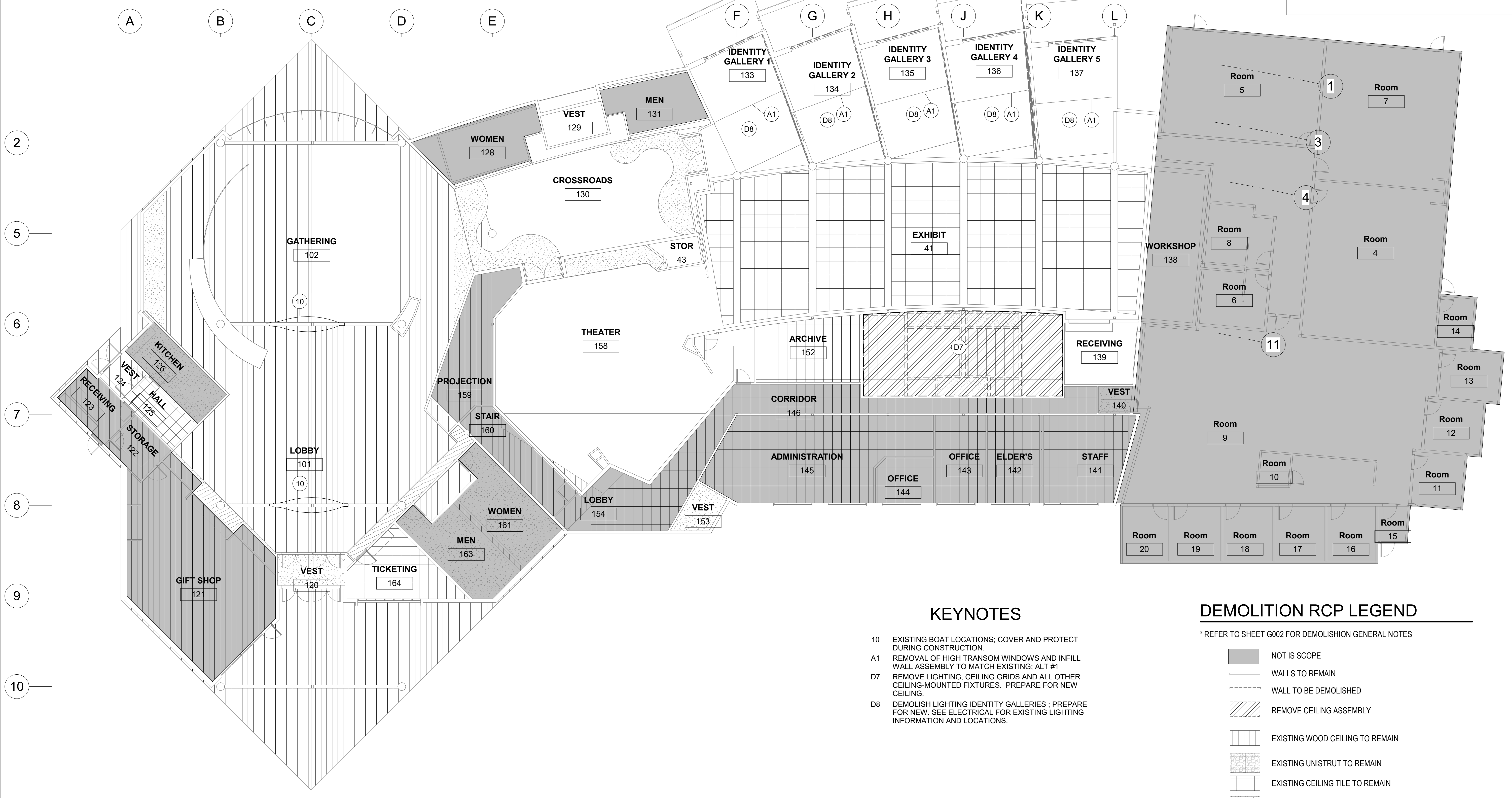
**BID CONSTRUCTION  
 DOCUMENTS**

JOB NO. 2023014  
 DATE: 10.15.2023  
 PROJ. MGR.: MLP  
 DRAWN BY: MLP  
 REVIEWED BY: JTW  
 REVISIONS:

**OVERALL  
 REFLECTED  
 CEILING PLAN -  
 DEMOLITION**

SHEET NO.

**D101**



**KEYNOTES**

- 10 EXISTING BOAT LOCATIONS; COVER AND PROTECT DURING CONSTRUCTION.
- A1 REMOVAL OF HIGH TRANSOM WINDOWS AND INFILL WALL ASSEMBLY TO MATCH EXISTING; ALT #1
- D7 REMOVE LIGHTING, CEILING GRIDS AND ALL OTHER CEILING-MOUNTED FIXTURES. PREPARE FOR NEW CEILING.
- D8 DEMOLISH LIGHTING IDENTITY GALLERIES - PREPARE FOR NEW. SEE ELECTRICAL FOR EXISTING LIGHTING INFORMATION AND LOCATIONS.

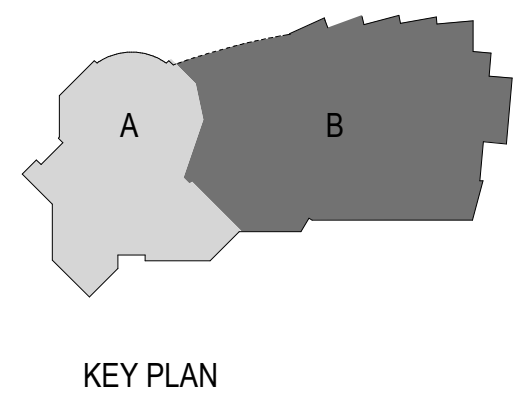
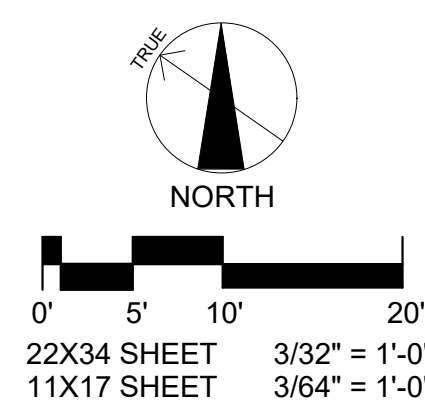
**DEMOLITION RCP LEGEND**

\* REFER TO SHEET G002 FOR DEMOLITION GENERAL NOTES

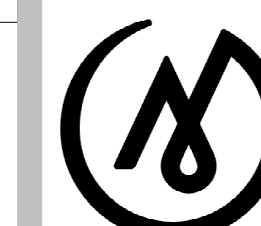
- NOT IN SCOPE
- WALLS TO REMAIN
- WALL TO BE DEMOLISHED
- REMOVE CEILING ASSEMBLY
- EXISTING WOOD CEILING TO REMAIN
- EXISTING UNISTRUT TO REMAIN
- EXISTING CEILING TILE TO REMAIN
- EXISTING GWB SOFFIT TO REMAIN

**1 DEMOLITION REFLECTED CEILING PLAN - OVERALL**

D101 3/32" = 1'-0"



22X34 SHEET 3/32" = 1'-0"  
 11X17 SHEET 3/64" = 1'-0"



**MCG**  
 EXPLORE  
 DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com



ANHC

**ALASKA  
 NATIVE  
 HERITAGE  
 CENTER  
 REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION  
 DOCUMENTS**

JOB NO. 2023014  
 DATE: 10.15.2023  
 PROJ. MGR.: MLP  
 DRAWN BY: SP  
 REVIEWED BY: JTW  
 REVISIONS:

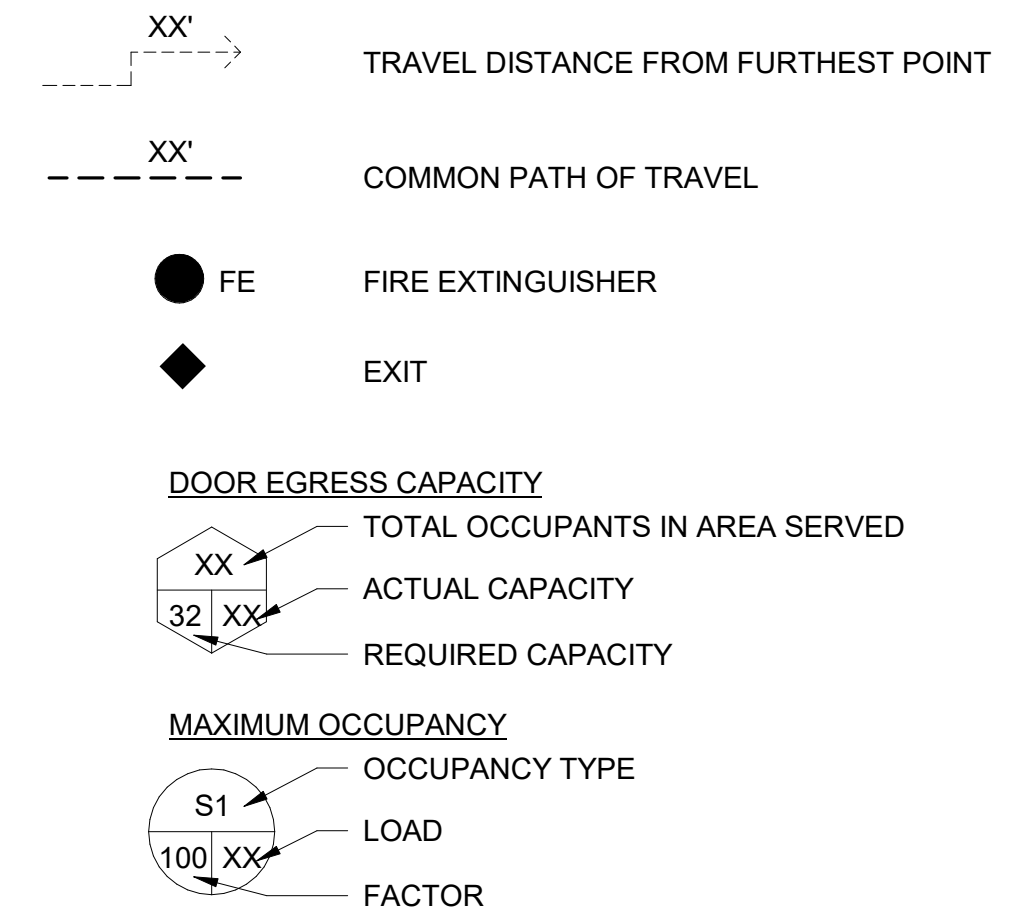
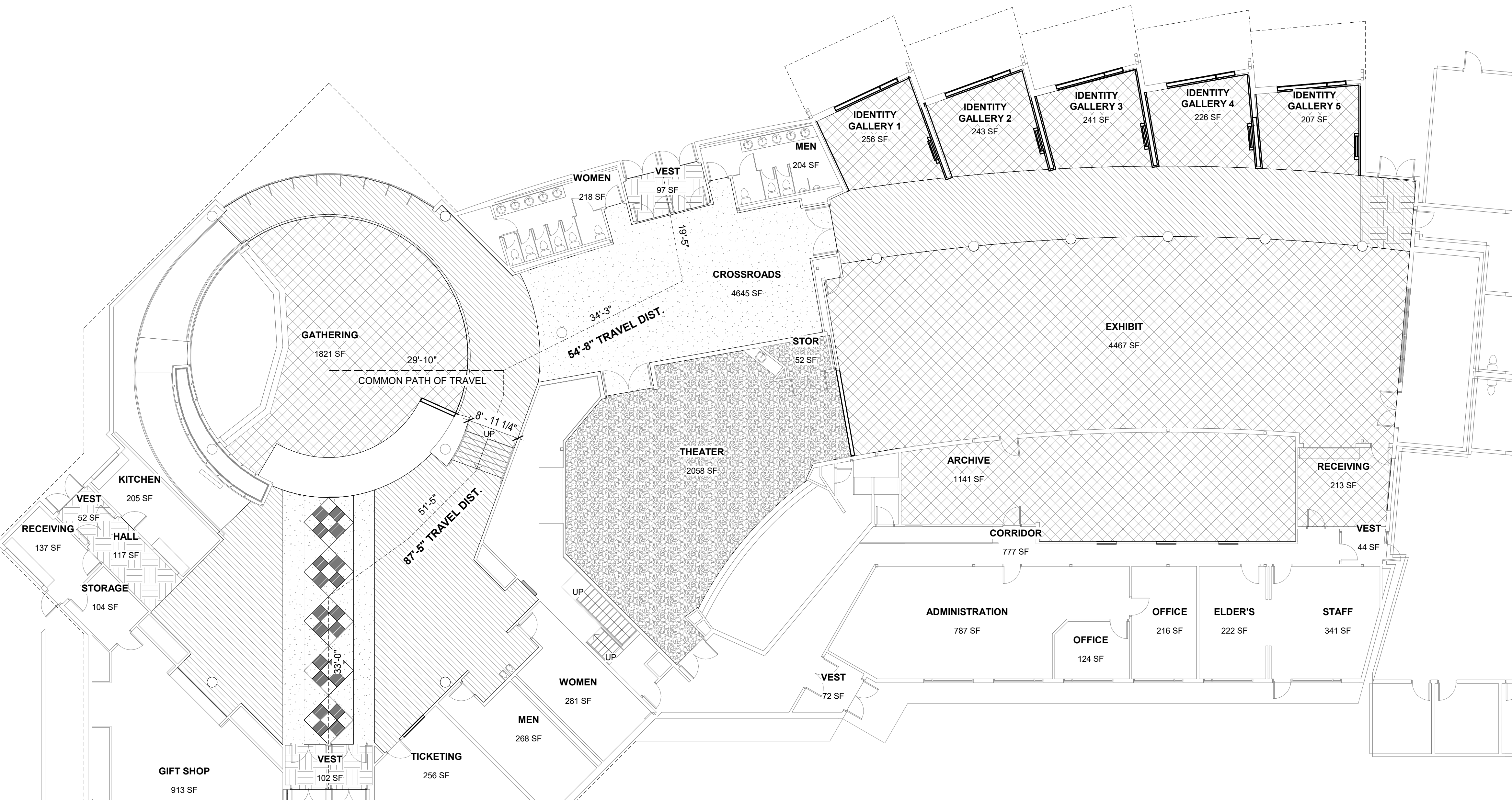
**CODE PLAN**

SHEET NO.

**G004**

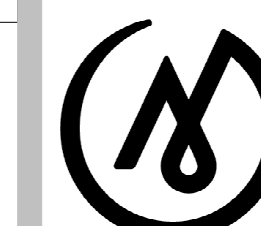
**Auditorium Stairs – Code Summary**

- International Building Code 2021 as amended by SOA
- Remodel of auditorium interior, which includes radial interior staircase and attached auditorium seating.
- Construction Type:** Type III (Type III construction is that type of construction in which the exterior walls are of noncombustible materials and the interior building elements are of any materials permitted by this code.)
- Occupancy Groups:** (Type A-3 used for allowable height and area)
  - Group A-3: IBC 303.4 allows this classification for intended uses including art galleries and museums.
- Incidental Use Areas (TA.509):**
  - There are no incidental use areas which would need fire separations per Section 509.
- Separation of Occupancies (Table 508.4):**
  - None required
- Fire Protection: (Table 705.5)**
  - Occupancy group A-3 would require a fire separation of X ≥ 30 feet for Type III (All) construction.
- Allowable Height & Area (Table 504.3)**
  - Not applicable for planned interior work.
- Structural Fire Resistance (Table 601):**
  - No fire resistance of structural elements required for Type IIIB construction
- Interior Finishes**
  - Interior floor covering materials to comply with Sections 804.4.1 and 804.4.2 and interior floor finish materials to comply with Sections 804.4.2.
  - Interior finishes for atriums: The interior finish of walls and ceilings of the atrium shall be not less than Class B. Sprinkler protection shall not result in a reduction in class.
- Occupant Loads and Exiting:**
  - Occupant loads (Table 1004.5)
  - Assembly – without fixed seats, standing space = 5 net
  - Area of assembly (1821sqft/5 net) = 364.2 occupant load
  - Post maximum occupancy signage in Assembly entrance (1004.9)
  - Egress component widths = For other than Group H and I-2 occupancies, stairways shall be calculated by multiplying the occupant load served by stairways by a means of egress capacity factor of 0.2<sup>2</sup> per occupant. (Exception 1 on 1005.3.1)
  - 364.2 x 0.2 = 72.84" = 6.07' minimum egress width
  - Egress width of staircase on side of auditorium is 8'-11 1/4", granting auditorium stairs are not required to be egress stairs.
  - Common path of egress travel distance not to exceed 75' (Table 1006.2.1)
  - Exit access travel distance not to exceed 250' (Table 1017.2)
- Means of Egress Sizing**
  - Stair riser heights shall be 7 inches maximum and 4 inches minimum. The riser height shall be measured vertically between the nosings of adjacent treads or between the stairway landing and the adjacent tread. Rectangular tread depths shall be 11 inches minimum measured horizontally between the vertical planes of the foremost project of adjacent treads and at a right angle to the tread's nosing. 1011.5.2
  - Nosings shall have a curvature or bevel of not less than 1/16 inch but more than 9/16 inch from the foremost projection of the tread. Risers shall be a solid and vertical or sloped under the tread above the from the underside of the nosings above at an angle not more than 30 degrees from the vertical. 1011.5.5
  - The leading edge (nosings) of treads shall project not more than 1/4 inches beyond the tread below. 1011.5.5.1
  - Handrails: Flights of stairways shall have handrails one each side and shall comply with Section 1014. Where glass is used to provide the handrail, the handrail shall comply with Section 2407. 1011.11
  - Handrail height: Handrail height, measured above stove tread nosings, or finish surface of ramp slope, shall be uniform, not less than 34 inches and not more than 38 inches. 1014.2
  - Handrail graspability Type I: Where the handrail is not circular, it shall have a perimeter dimension of not less than 4 inches and not greater than 6 1/4 inches with a maximum cross-sectional dimension of 2 1/4 inches and minimum cross sectional dimension of 1 inch. Edges shall have a minimum radius of 0.01 inch. 1014.3.1
  - Handrail extensions: Where handrails are not continuous between flights, the handrails shall extend horizontally not less than 12 inches. 1014.6
- Accessibility**
  - IBC Chapter 11 and ANSI A117.1-2009 are used as a design metric for building accessibility requirements.



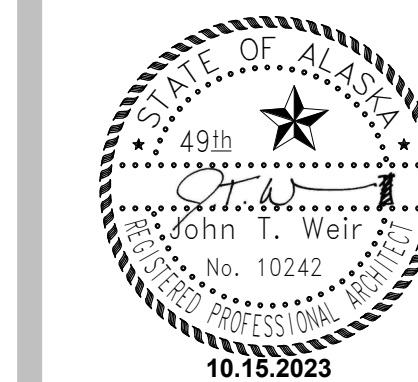
**1 OVERALL FLOOR PLAN - CODE PLAN**  
 G004 3/32" = 1'-0"

FOR:  
 • SUBMITTAL  
 • PRICING



**MCG**  
**EXPLORE**  
**DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 explore.design.com



ANHC

**ALASKA**  
**NATIVE**  
**HERITAGE**  
**CENTER**  
**REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION**  
**DOCUMENTS**

JOB NO.: 2023014  
 DATE: 10.15.2023  
 PROJ. MGR.: Designer  
 DRAWN BY: Author  
 REVIEWED BY: Checker  
 REVISIONS:

**OVERALL**  
**FLOOR PLAN**

SHEET NO.

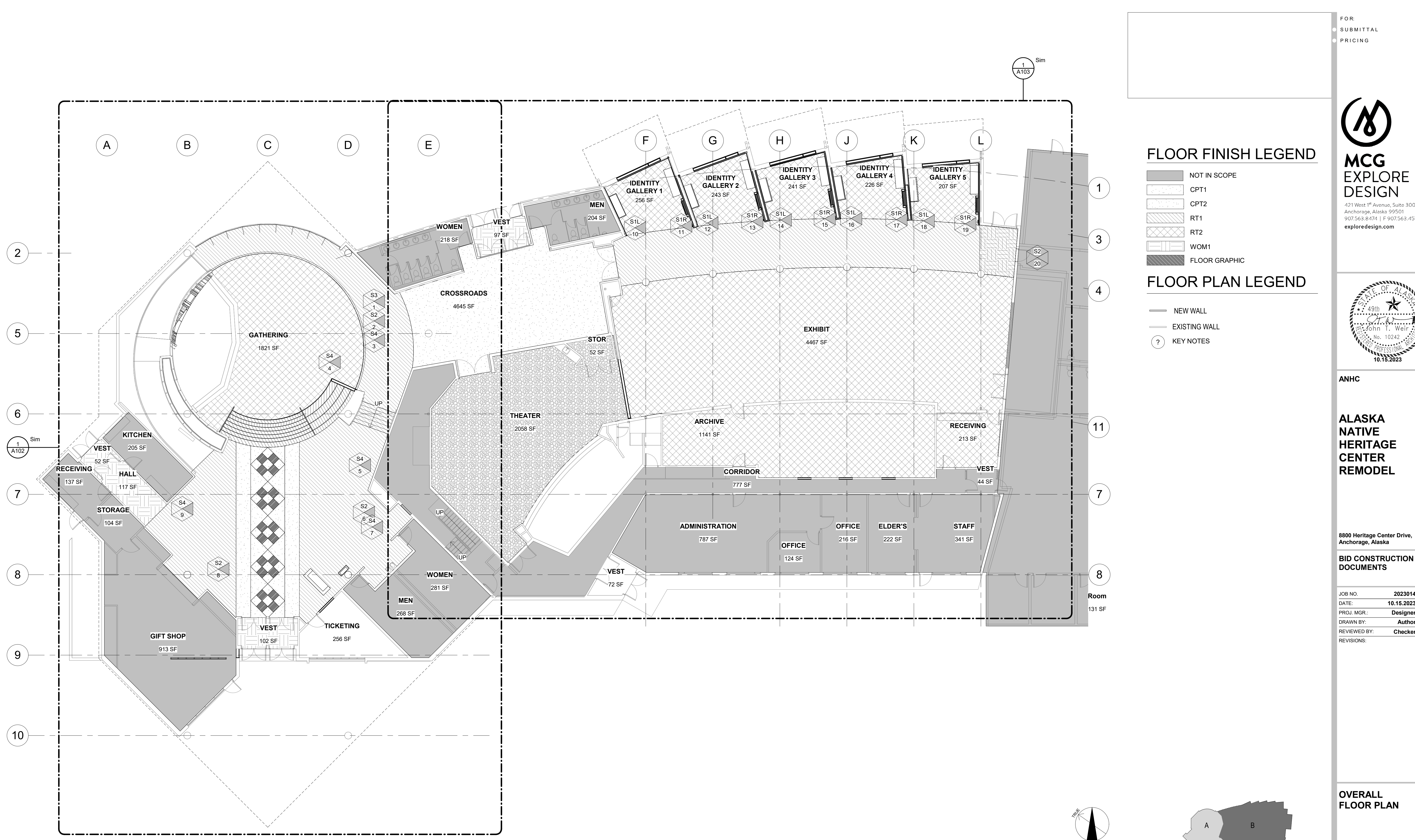
**A101**

**FLOOR FINISH LEGEND**

- NOT IN SCOPE
- CPT1
- CPT2
- RT1
- RT2
- WOM1
- FLOOR GRAPHIC

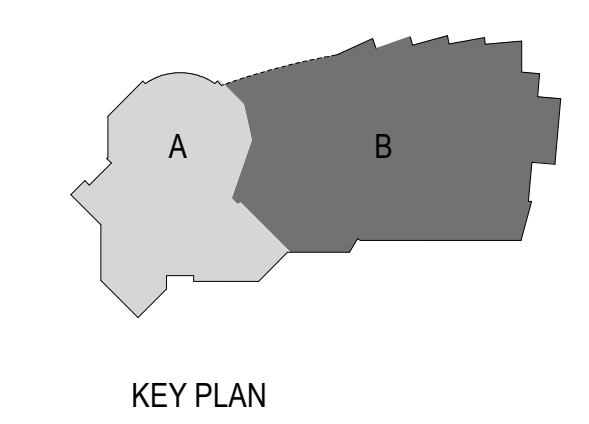
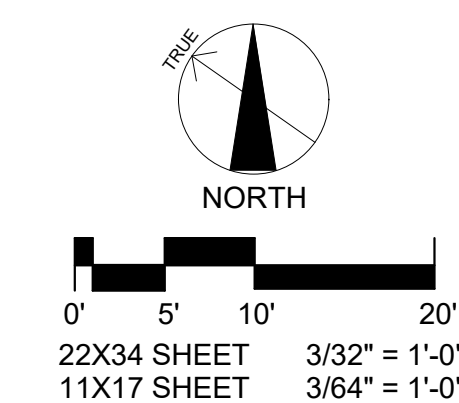
**FLOOR PLAN LEGEND**

- NEW WALL
- EXISTING WALL
- KEY NOTES



**1 OVERALL FLOOR PLAN**

A101 3/32" = 1'-0"

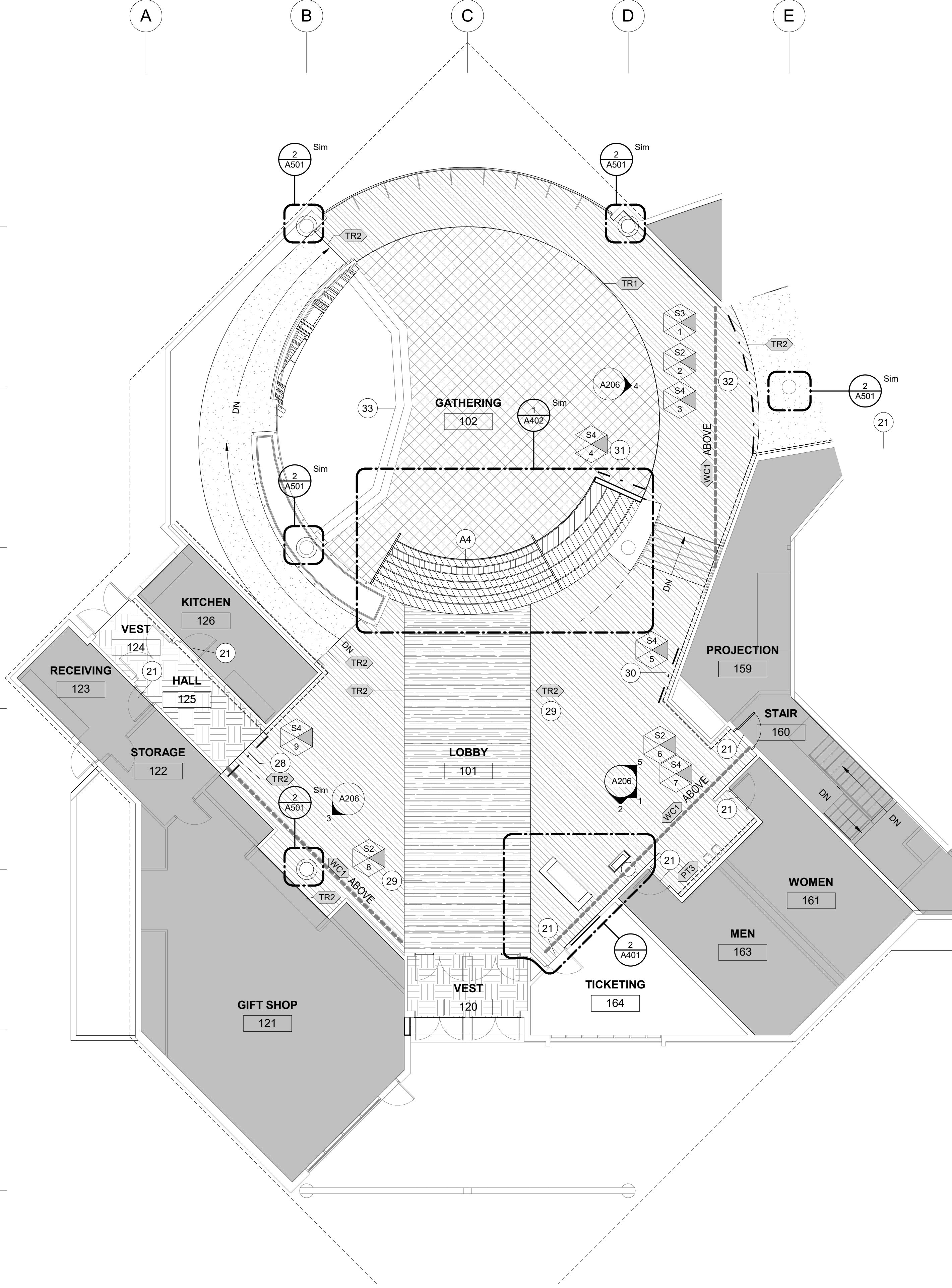


KEY PLAN



A B C D E

2  
5  
6  
7  
8  
9  
10



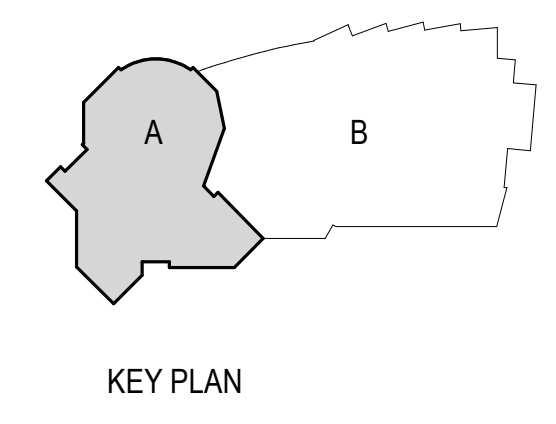
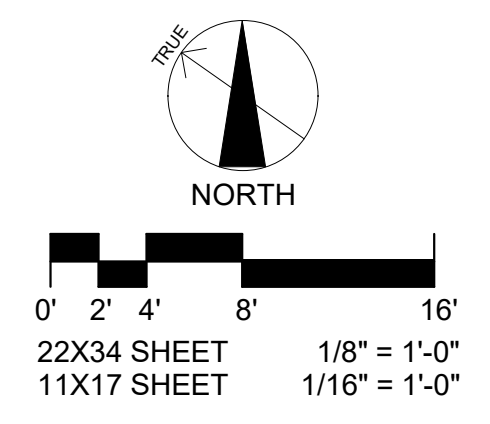
**FINISH LEGEND**

\* REFER TO SHEET G002 FOR GENERAL NOTES

- NOT IN SCOPE
- CPT1
- CPT2
- CPT3
- RT1
- RT2
- WOM1
- EXISTING FLOOR TO REMAIN
- ACCENT PAINT LOCATION
- WALL COVERING
- ARTIST GRAPHIC
- NEW WALL
- EXISTING WALL
- KEY NOTES
- MATERIAL TAG; REFER TO MATERIAL LEGEND FOR MORE INFORMATION
- SIGNAGE TAG**
  - SIGN TYPE
  - SIGNAGE TAG
  - SIGN REFERENCE NUMBER

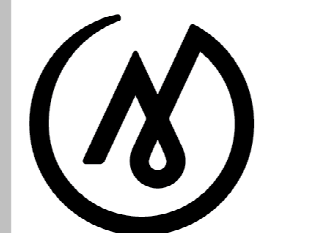
**KEYNOTES**

- 21 PAINT EXISTING DOOR FRAME AT THIS LOCATION PT2
- 28 ARTIST: DAVID ANQUAIAK; CUSTOM DIE CUT GRAPHIC PRINTED TO VINYL
- 29 ARTIST: TAVA KAIRAIVAK; CUSTOM CARPET PATTERN STILL IN DEVELOPMENT WITH ARTIST AND OWNER.
- 30 ARTIST: HOLLY; CUSTOM DIE CUT GRAPHIC PRINTED TO VINYL.
- 31 ARTIST: BEN SCHLIEFMAN; CUSTOM DIE CUT GRAPHIC PRINTED TO VINYL.
- 32 ARTIST: LALLA WILLIAMS; CUSTOM DIE CUT GRAPHIC PRINTED TO VINYL.
- 33 STAGE TO REMAIN CLEAN AND BRING TO NEW/LIKE CONDITION.

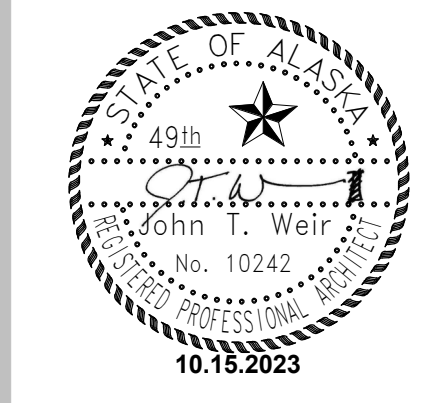


**1 FLOOR PLAN - AREA A**  
A102 1/8" = 1'-0"

FOR:  
• SUBMITTAL  
• PRICING



**MCG EXPLORE DESIGN**  
421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
exploredesign.com



ANHC

**ALASKA NATIVE HERITAGE CENTER REMODEL**

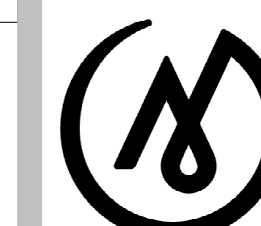
8800 Heritage Center Drive,  
Anchorage, Alaska

**BID CONSTRUCTION DOCUMENTS**

JOB NO.	2023014
DATE:	10.15.2023
PROJ. MGR.:	MLP
DRAWN BY:	MLP
REVIEWED BY:	JTW
REVISIONS:	

**FLOOR PLAN - AREA A**

SHEET NO.  
**A102**



**MCG  
 EXPLORE  
 DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com



ANHC

**ALASKA  
 NATIVE  
 HERITAGE  
 CENTER  
 REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION  
 DOCUMENTS**

JOB NO. 2023014  
 DATE: 10.15.2023  
 PROJ. MGR.: MLP  
 DRAWN BY: MLP  
 REVIEWED BY: JTW  
 REVISIONS:

FLOOR PLAN -  
 AREA B

SHEET NO.  
**A103**

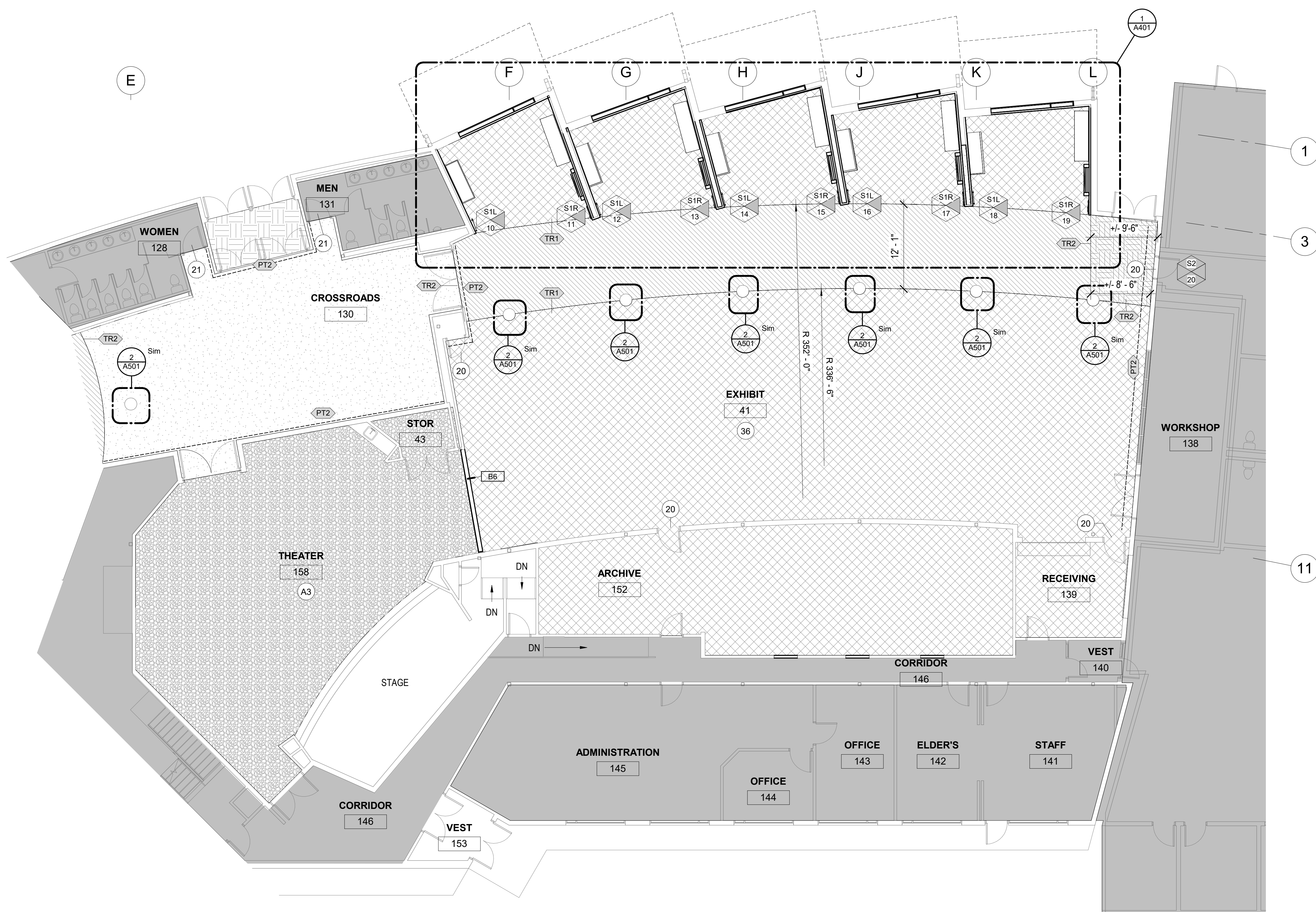
**FINISH LEGEND**

\* REFER TO SHEET G002 FOR GENERAL NOTES

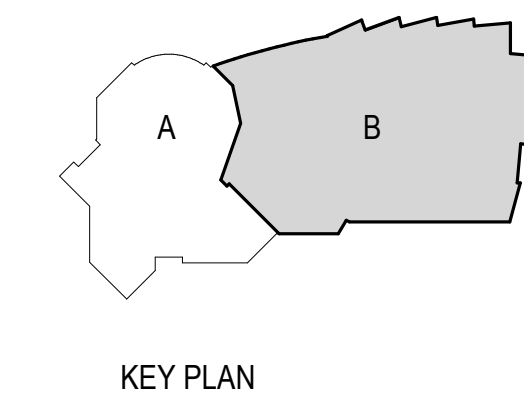
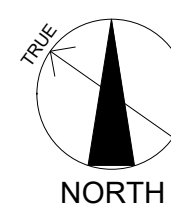
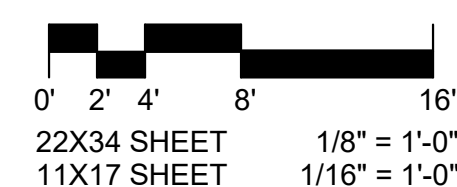
- NOT IN SCOPE
- CPT1
- CPT2
- CPT3
- RT1
- RT2
- WOM1
- EXISTING FLOOR TO REMAIN
- ACCENT PAINT LOCATION
- WALL COVERING
- ARTIST GRAPHIC
- NEW WALL
- EXISTING WALL
- KEY NOTES
- MATERIAL TAG; REFER TO MATERIAL LEGEND FOR MORE INFORMATION
- SIGNAGE TAG**
  - SIGN TYPE
  - SIGNAGE TAG
  - SIGN REFERENCE NUMBER

**KEYNOTES**

- 20 PAINT EXISTING DOOR AND FRAME PT2
- 21 PAINT EXISTING DOOR FRAME AT THIS LOCATION PT2
- 36 CONTRACTOR TO COORDINATE WITH OWNER'S CURATOR FOR THE REMOVAL AND RE-INSTALLATION OF EXHIBIT DISPLAYS TO AN OFFSITE LOCATION.
- A3 ADD ALTERNATE 3:THEATRE FINISHES CONSISTING OF NEW WALL PAINT AND CARPET.







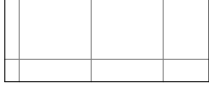


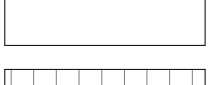

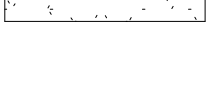
**1 FLOOR PLAN - AREA B**  
 A103 1/8" = 1'-0"








FOR:  
 • SUBMITTAL  
 • PRICING






### RCP LEGEND

1/8" SCALE, REFER TO INTERIOR FINISH LEGEND FOR MORE INFORMATION

-  EXISTING DECORATIVE METAL CEILING TO REMAIN
-  EXISTING 2X4 ACT CEILING TO REMAIN
-  EXISTING 2X2 ACT CEILING TO REMAIN
-  ACT1
-  EXISTING UNISTRUT CEILING
-  ACT2 ADD ALTERNATE #2
-  AREA NOT IN SCOPE
-  GWB, PAINTED PT1 UNO
-  EXISTING WOOD TO REMAIN
-  PAINTED GWB SOFFIT, PAINTED PT1 UNO

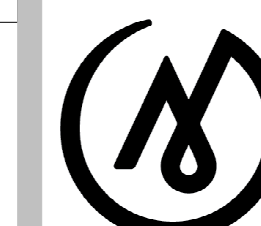
-  KEY NOTES
-  8'-0" ELEVATION TAG
-  WC1 LOCATION
-  ACCENT PAINT LOCATION
-  PT1 MATERIAL TAG

ACCENT LIGHTING LOCATIONS AND LIGHTART COLORS, REFER TO ELECTRICAL FOR MORE INFORMATION

-  LEATHER N30
-  CHIRP Y20
-  BUTTERNUT 015
-  MAJESTY V03
-  JUNIPER

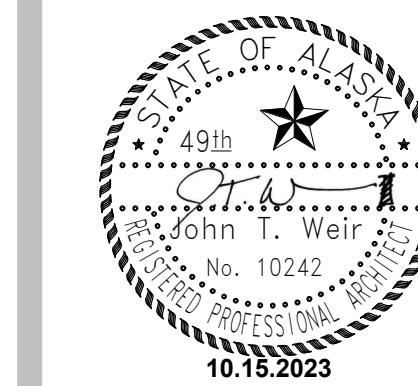
### KEYNOTES

- 10 EXISTING BOAT LOCATIONS; COVER AND PROTECT DURING CONSTRUCTION.
- 11 REFER TO ELECTRICAL FOR LIGHTING INFORMATION
- 19 24" SEAL SKIN LAMPS. REFER TO ELECTRICAL FOR MORE INFORMATION. MOUNT BOTTOM OF PENDANT AT 9' / 9'-6"



**MCG EXPLORE DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com



ANHC

**ALASKA NATIVE HERITAGE CENTER REMODEL**

8800 Heritage Center Drive, Anchorage, Alaska

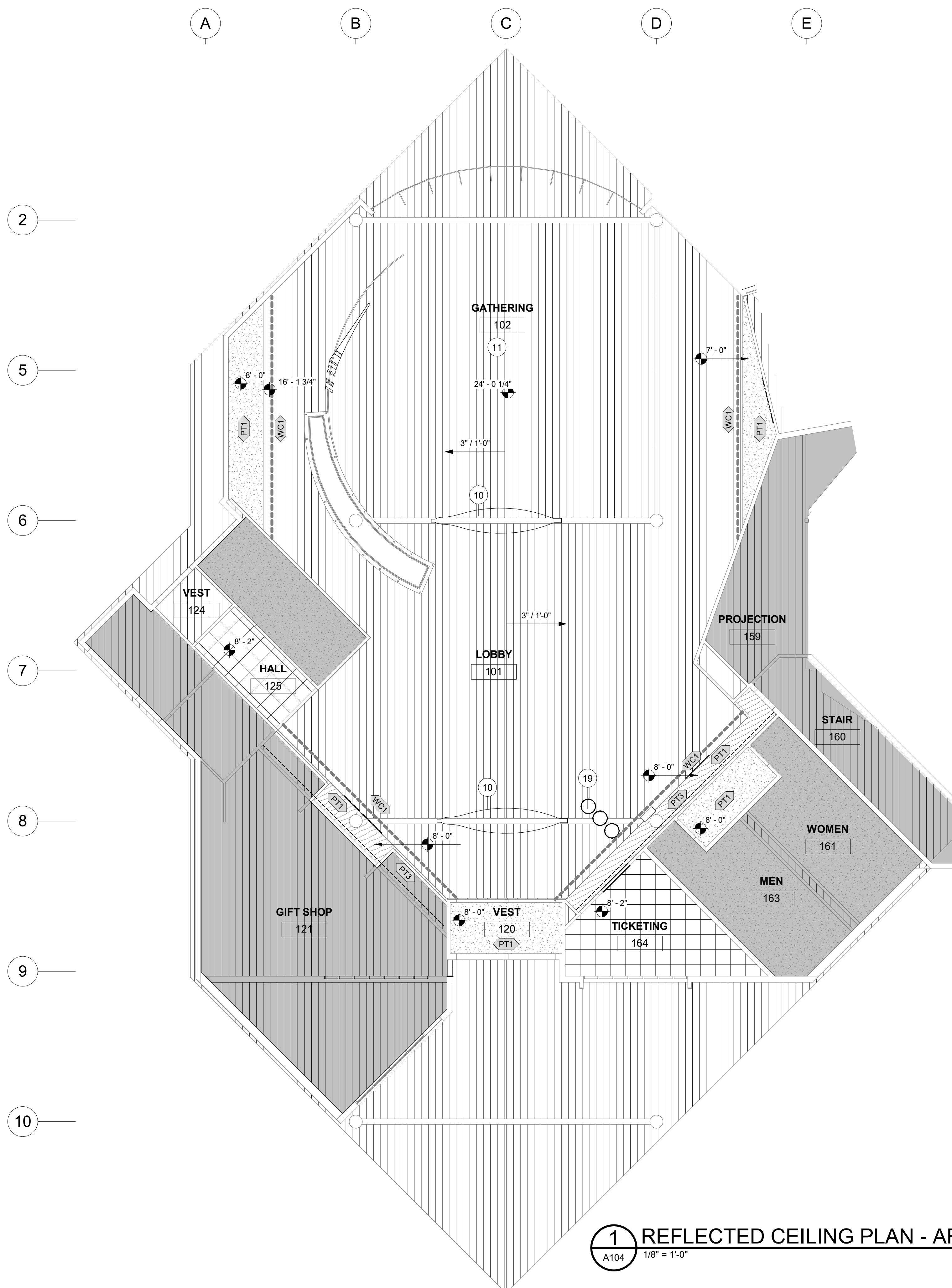
**BID CONSTRUCTION DOCUMENTS**

JOB NO. 2023014  
 DATE: 10.15.2023  
 PROJ. MGR.: MLP  
 DRAWN BY: MLP  
 REVIEWED BY: JTW  
 REVISIONS:

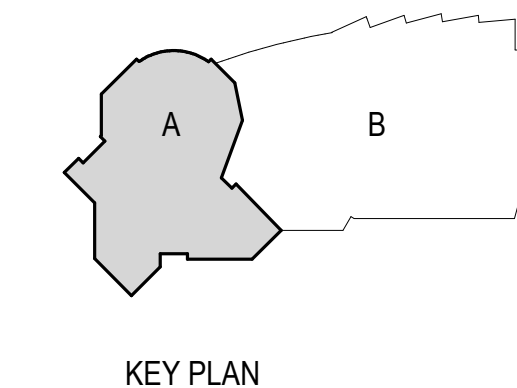
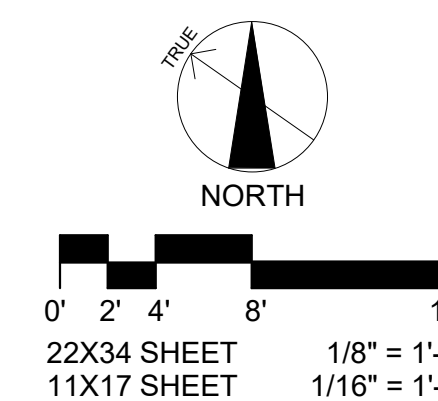
**REFLECTED CEILING PLAN - AREA A**

SHEET NO.

**A104**

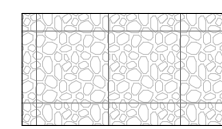
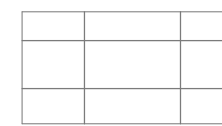
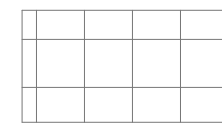

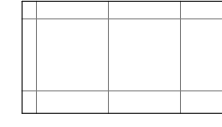
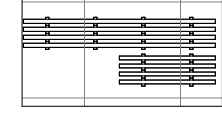

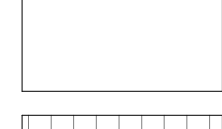
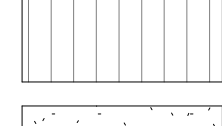
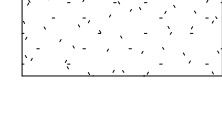







**1 REFLECTED CEILING PLAN - AREA A**  
 A104 1/8" = 1'-0"








### RCP LEGEND

1/8" SCALE, REFER TO INTERIOR FINISH LEGEND FOR MORE INFORMATION

-  EXISTING DECORATIVE METAL CEILING TO REMAIN
-  EXISTING 2X4 ACT CEILING TO REMAIN
-  EXISTING 2X2 ACT CEILING TO REMAIN
-  ACT1
-  EXISTING UNISTRUT CEILING
-  ACT2 ADD ALTERNATE #2
-  AREA NOT IN SCOPE
-  GWB, PAINTED PT1 UNO
-  EXISTING WOOD TO REMAIN
-  PAINTED GWB SOFFIT, PAINTED PT1 UNO

-  KEY NOTES
-  ELEVATION TAG
-  WC1 LOCATION
-  ACCENT PAINT LOCATION
-  MATERIAL TAG

ACCENT LIGHTING LOCATIONS AND LIGHTART COLORS, REFER TO ELECTRICAL FOR MORE INFORMATION

-  LEATHER N30
-  CHIRP Y20
-  BUTTERNUT 015
-  MAJESTY V03
-  JUNIPER

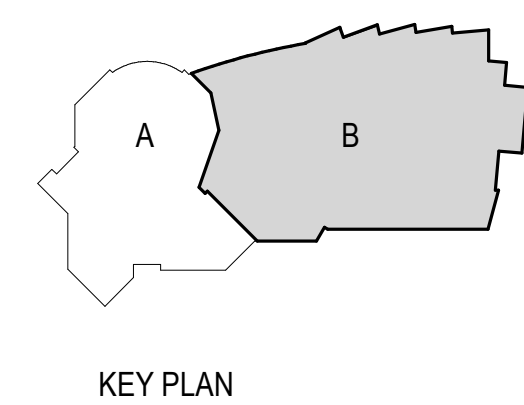
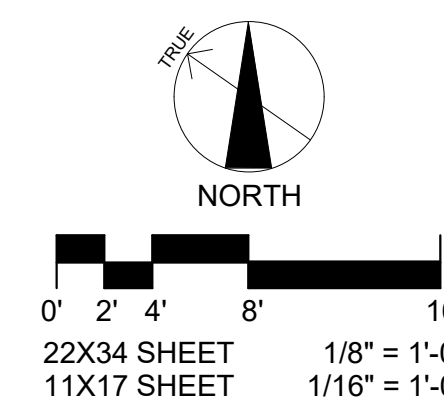
### KEYNOTES

- 17 CENTER LIGHTS IN SPACE
- 18 EXISTING CEILING GRID TO CONNECT TO NEW CEILING GRID AT THIS LOCATION
- A2 ADD ALTERNATE 2: WOOD CEILING ACCENT (ACT2). CONTRACTOR TO COORDINATE WITH NICET DESIGN TO APPROVE ANY MODIFICATIONS TO THE EXISTING SPRINKLER SYSTEM AND ADJUST AS NEEDED TO ACCOMMODATE A SMALLER PERCENTAGE OF OPENNESS. FINAL DESIGN LAYOUT WILL NEED TO BE COORDINATED WITH EXISTING ELECTRICAL AND MECHANICAL ITEMS.

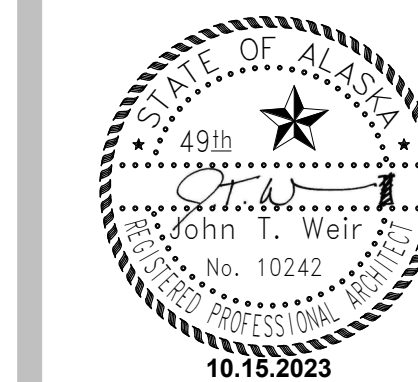


## 1 REFLECTED CEILING PLAN - AREA B

A105 1/8" = 1'-0"



**MCG EXPLORE DESIGN**  
 421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com



ANHC

### ALASKA NATIVE HERITAGE CENTER REMODEL

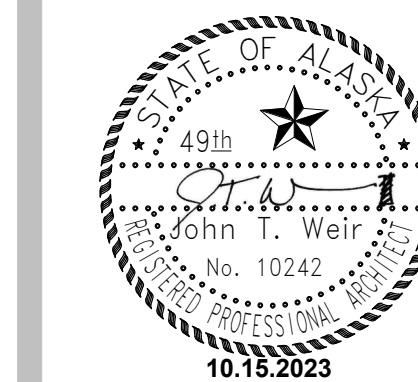
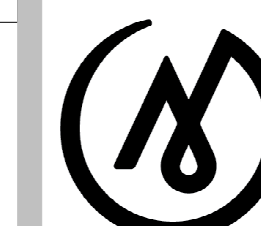
8800 Heritage Center Drive, Anchorage, Alaska

### BID CONSTRUCTION DOCUMENTS

JOB NO. 2023014  
 DATE: 10.15.2023  
 PROJ. MGR.: MLP  
 DRAWN BY: MLP  
 REVIEWED BY: JTW  
 REVISIONS:

### REFLECTED CEILING PLAN - AREA B

SHEET NO.  
**A105**



ANHC

**ALASKA**  
 NATIVE  
 HERITAGE  
 CENTER  
 REMODEL

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION**  
**DOCUMENTS**

JOB NO. 2023014  
 DATE: 10.15.2023  
 PROJ. MGR.: MLP  
 DRAWN BY: MLP  
 REVIEWED BY: JTW  
 REVISIONS:





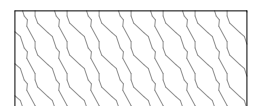


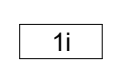
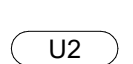





**INTERIOR**  
**ELEVATIONS -**  
**IDENTITY**  
**GALLERY 1**

SHEET NO.

**A201**

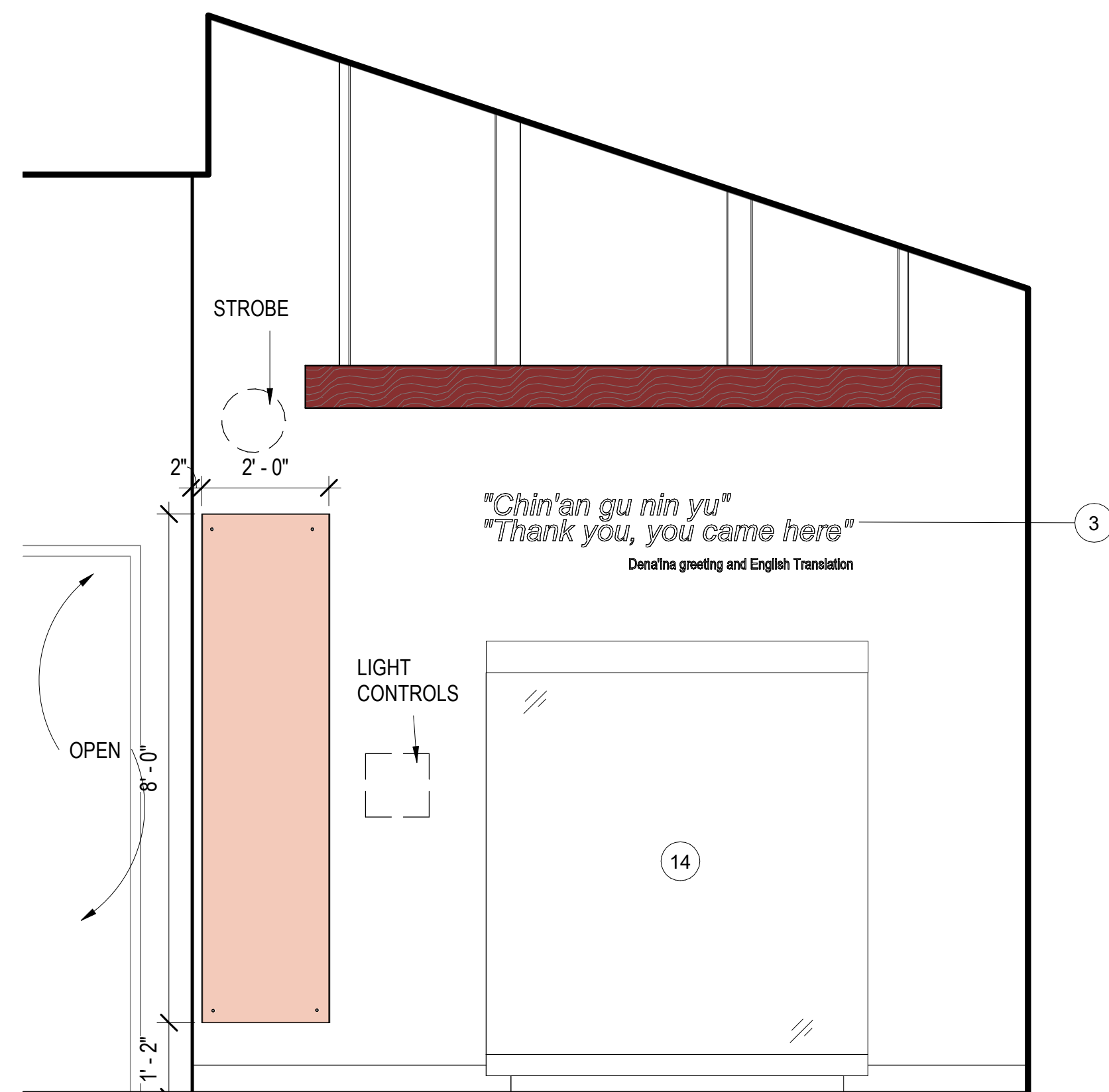
**ELEVATION LEGEND**

1/2" SCALE. REFER TO FINISH LEGEND FOR SPECIFIED FINISH INFORMATION.

-  PT2
-  PT3
-  WC1
-  IDENTITY GALLERY SIGN
-  PL1 SHROUD
-  KEY NOTES
-  MATERIAL TAG
-  SPECIALTY EQUIPMENT TAG, CFCI. REFER TO SPECIALTY EQUIPMENT LEGEND
-  CASEWORK TAG
-  INTERIOR COLOR LEATHER N30
-  INTERIOR COLOR CHIRP Y20
-  INTERIOR COLOR BUTTERNUT 015
-  INTERIOR COLOR MAJESTY V03
-  INTERIOR COLOR JUNIPER

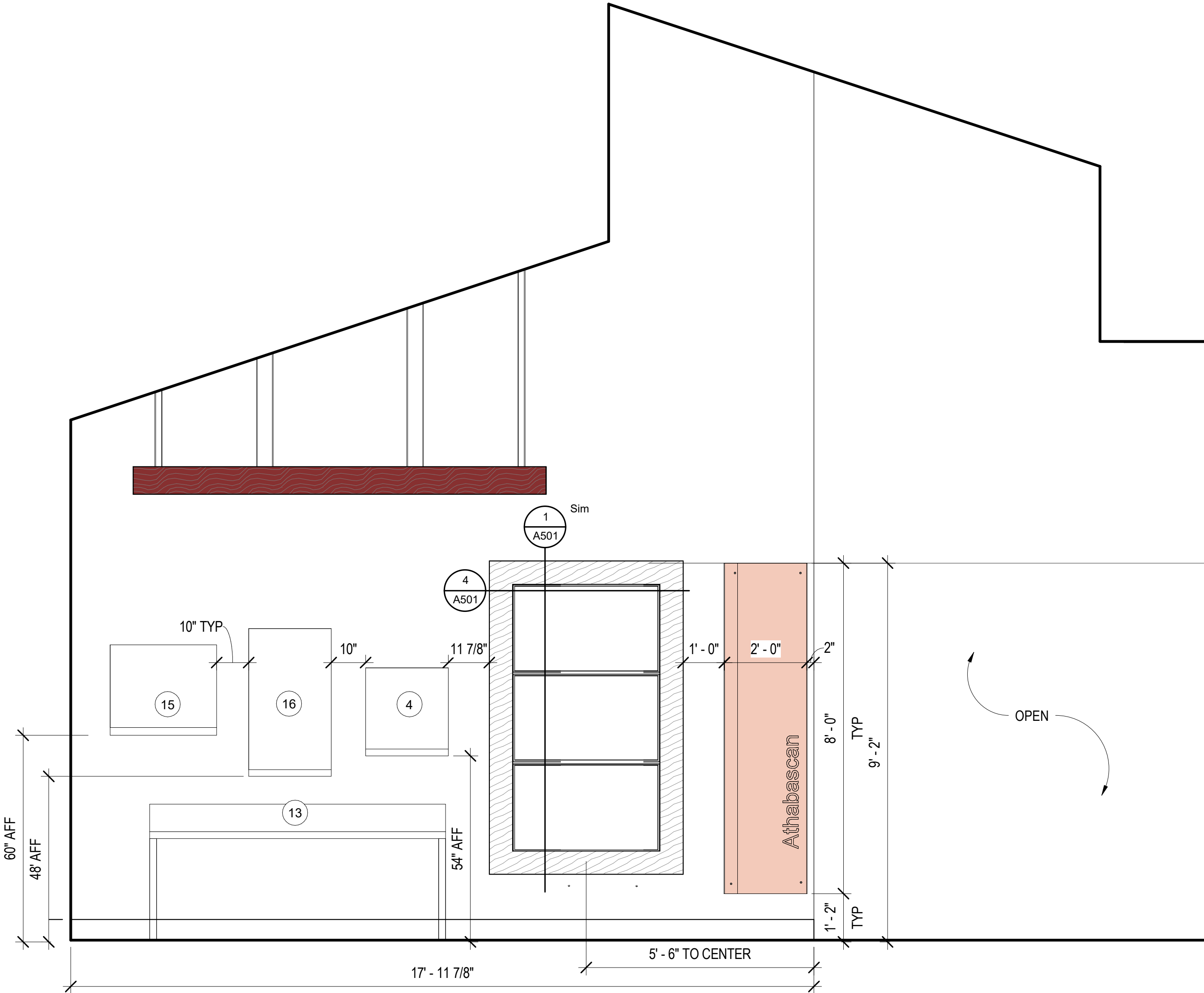
**KEYNOTES**

- 3 4" H CUT VINYL GRAPHIC QUOTE & 2" H CUT VINYL GRAPHIC TRANSLATION
- 4 WALL MOUNTED DISPLAY CASE. BASIS OF DESIGN ZONE ZW-102. SIZE 2'W X 2'H X 6"D. ANTI-GLARE UV LAMINATED GLASS, OPENING WITH HINGES, HIGH SECURITY CAM LOCK, LED LIGHT BAR AND DESICCANT COMPARTMENT. POWDER COAT BLACK FINISH.
- 13 TABLE CASE ON LEGS WITH HINGED OPENING. BASIS OF DESIGN, ZONE ZT-101. SIZE: 7'W X 2'D X 2'10" H. PROVIDE 10" HIGH GLASS BONNET WITH ANTI GLARE UV LAMINATED GLASS, HIGH SECURITY CAM LOCK(S), AND EXHIBITION DRAWERS. BLACK POWDER COAT.
- 14 FREESTANDING DISPLAY CASE WITH EXHIBITION DRAWERS. BASIS OF DESIGN: ZONE ZF-101D. SIZE: 6'W X 2'D X 7'H. ANTI-GLARE UV LAMINATE GLASS, LED LIGHT BAR, 3 SHELVES. BLACK POWDER COAT FINISHES.
- 15 WALL MOUNTED DISPLAY CASE. BASIS OF DESIGN ZONE ZW-102. SIZE 2'-6"W X 2'H X 6"D. ANTI-GLARE UV LAMINATED GLASS, OPENING WITH HINGES, HIGH SECURITY CAM LOCK, LED LIGHT BAR AND DESICCANT COMPARTMENT. POWDER COAT BLACK FINISH.
- 16 WALL MOUNTED DISPLAY CASE. BASIS OF DESIGN ZONE ZW-102. SIZE 2'W X 3'-6"H X 6"D. ANTI-GLARE UV LAMINATED GLASS, OPENING WITH HINGES, HIGH SECURITY CAM LOCK, LED LIGHT BAR AND DESICCANT COMPARTMENT. POWDER COAT BLACK FINISH.
- 17 CENTER LIGHTS IN SPACE
- 34 BASE BOARD HEAT, REFER TO MECHANICAL FOR MORE INFORMATION.



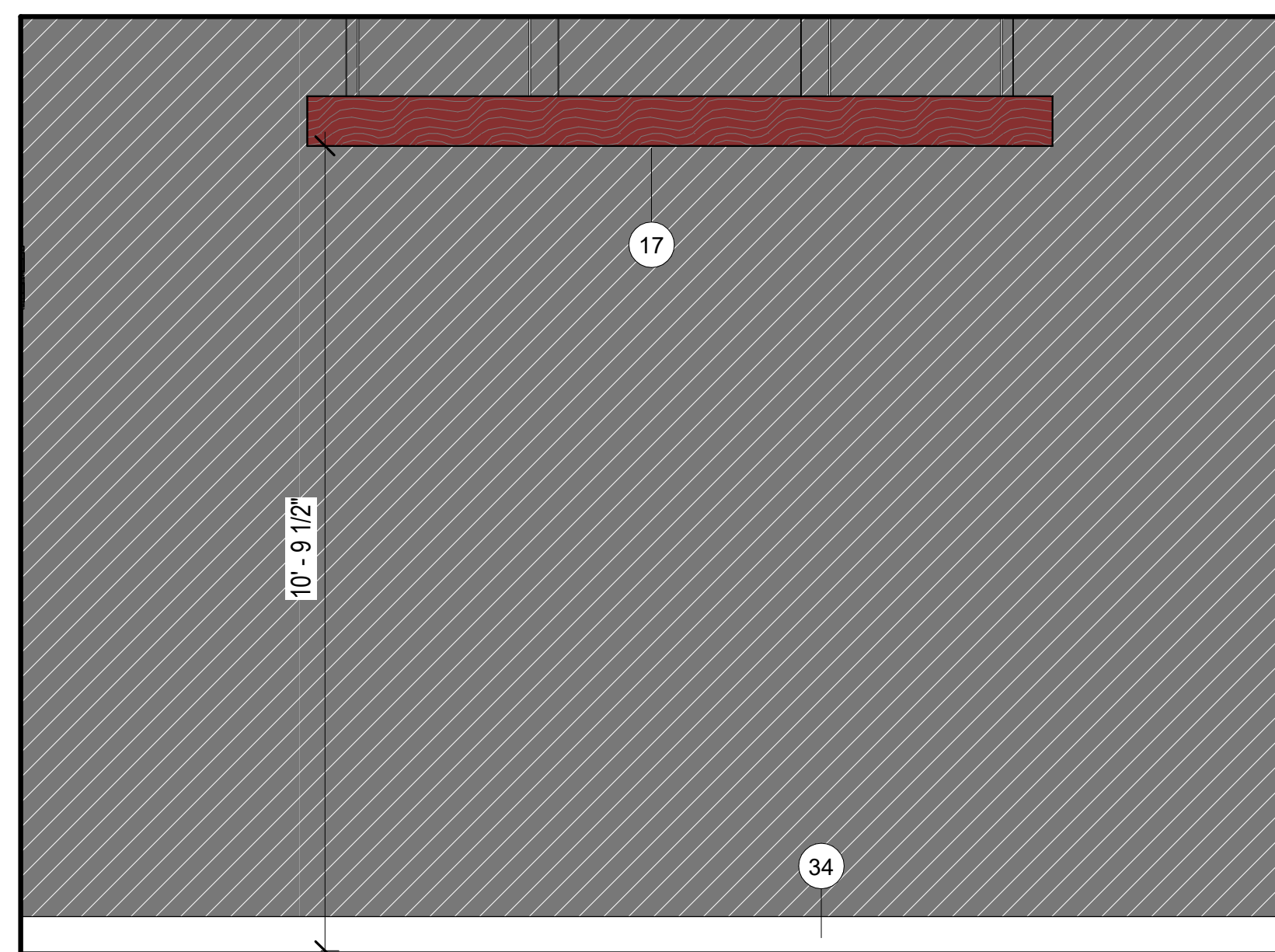
**1** IDENTITY GALLERY 1 - W

A201 1/2" = 1'-0"



**2** IDENTITY GALLERY 1 - E

A201 1/2" = 1'-0"

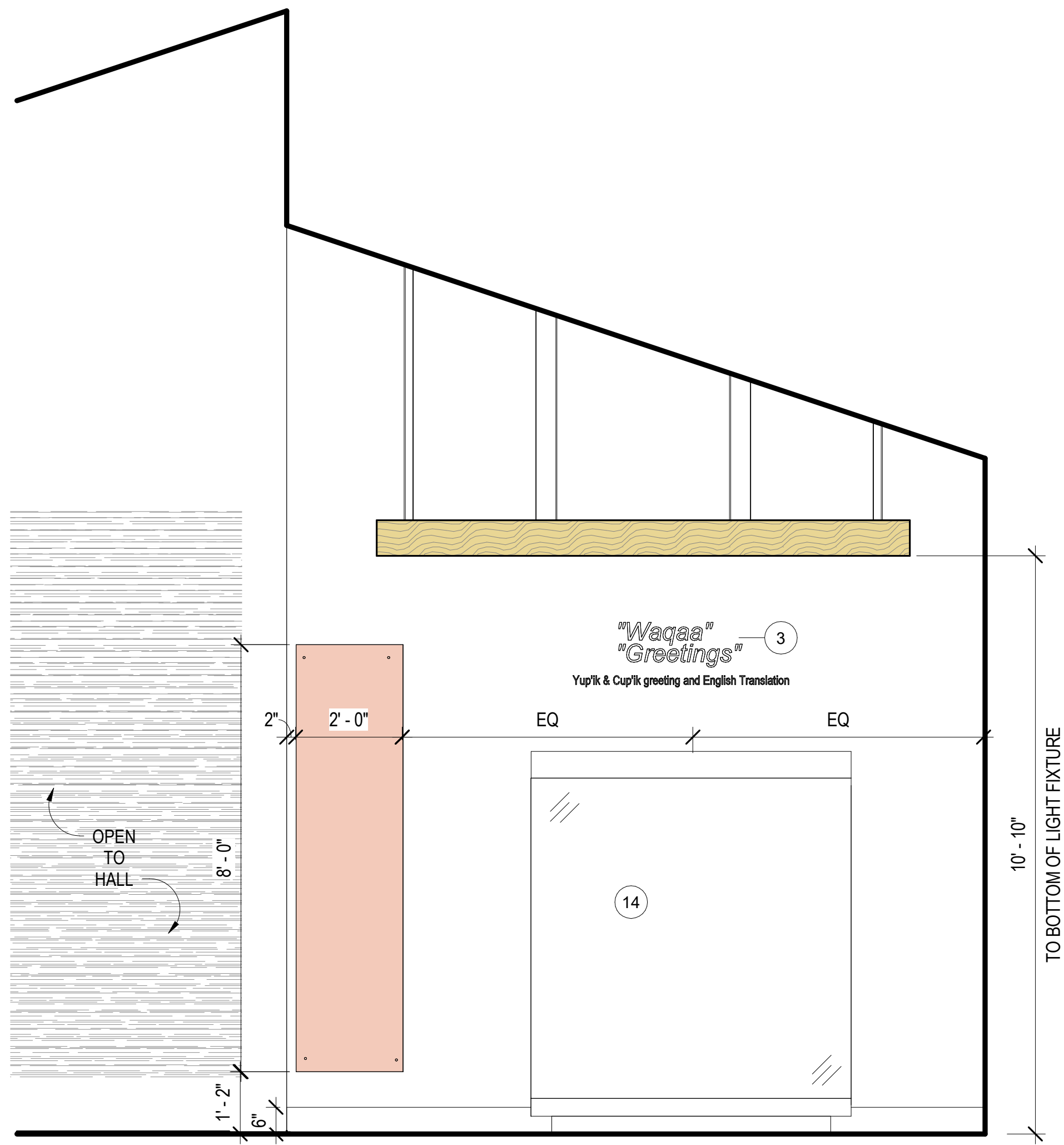


**3** IDENTITY GALLERY 1 - N

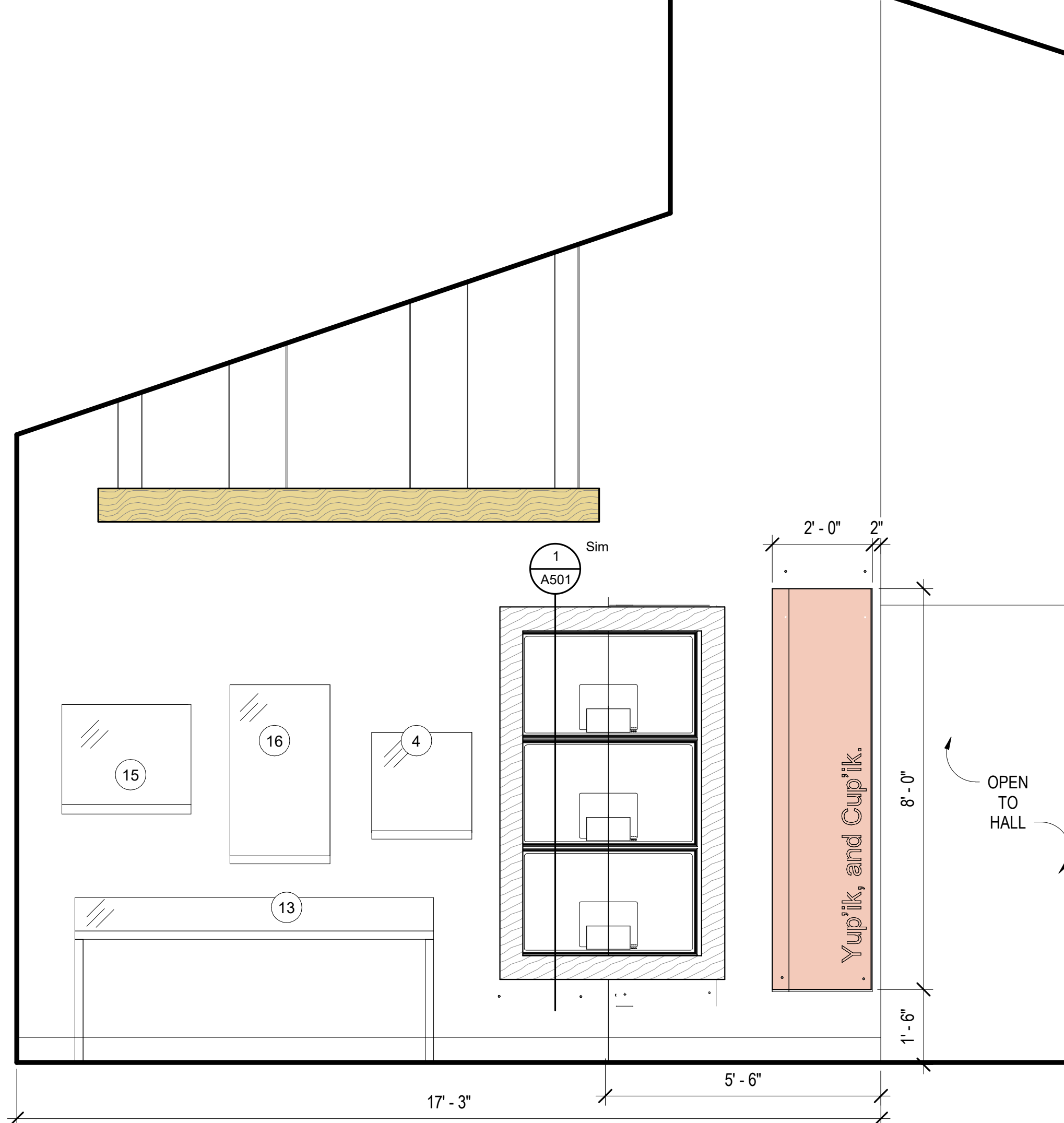
A201 1/2" = 1'-0"



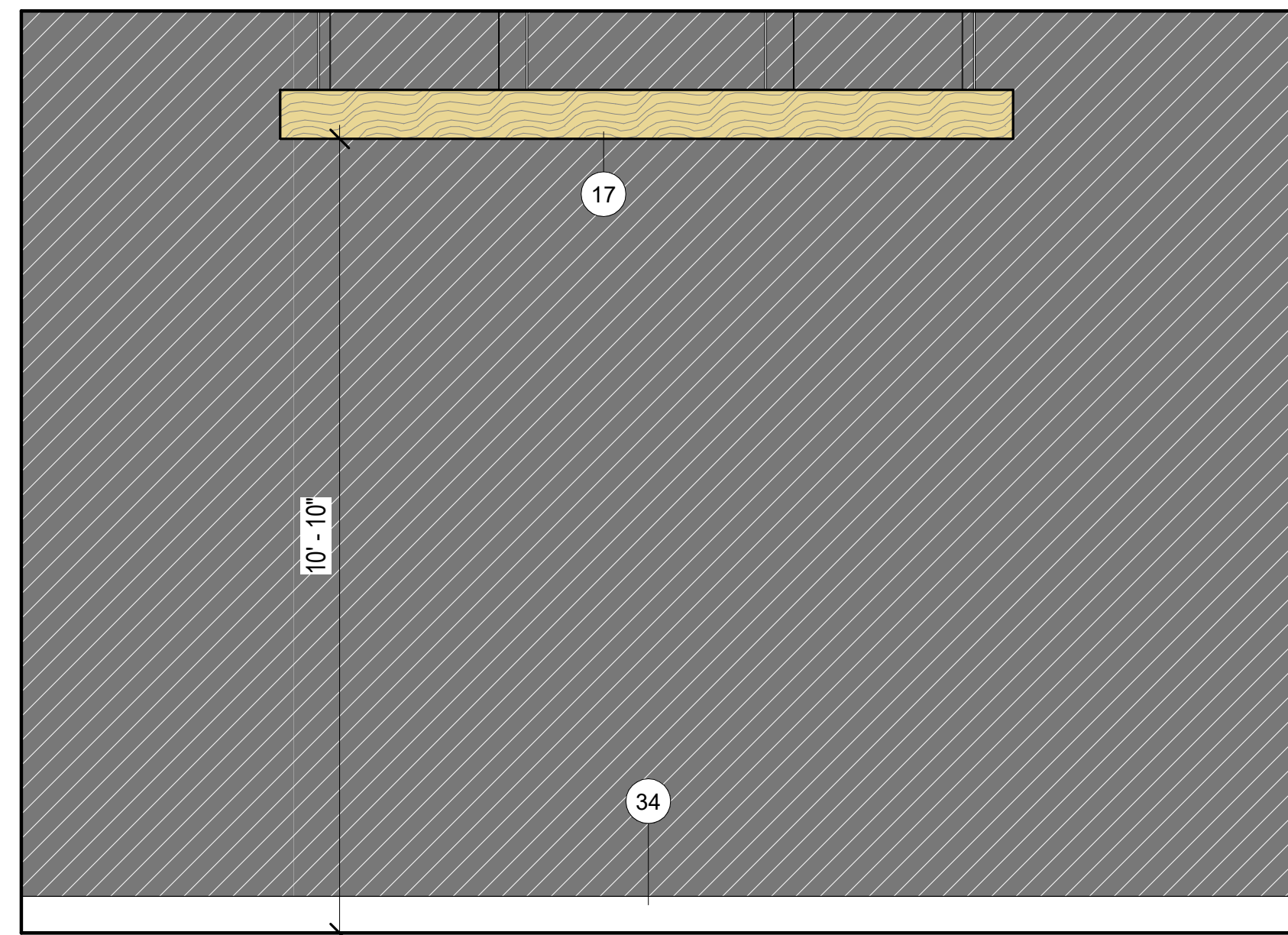
RENDER



**1** IDENTITY GALLERY 2 - W  
A202 1/2" = 1'-0"



**3** IDENTITY GALLERY 2 - E  
A202 1/2" = 1'-0"



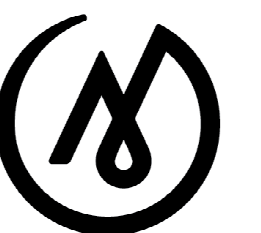
**2** IDENTITY GALLERY 2 - N  
A202 1/2" = 1'-0"



RENDER



FOR:  
• SUBMITTAL  
• PRICING



**MCG**  
EXPLORE  
DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
exploredesign.com



ANHC

**ALASKA**  
NATIVE  
HERITAGE  
CENTER  
REMODEL

8800 Heritage Center Drive,  
Anchorage, Alaska

**BID CONSTRUCTION**  
DOCUMENTS

JOB NO.	2023014
DATE:	10.15.2023
PROJ. MGR.:	MLP
DRAWN BY:	MLP
REVIEWED BY:	JTW
REVISIONS:	

**ELEVATION LEGEND**

1/2" SCALE. REFER TO FINISH LEGEND FOR SPECIFIED FINISH INFORMATION.

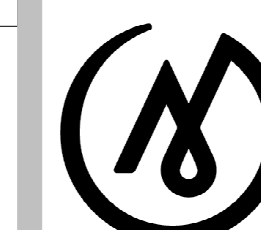
- PT2
- PT3
- WC1
- IDENTITY GALLERY SIGN
- PL1 SHROUD
- KEY NOTES
- MATERIAL TAG
- SPECIALTY EQUIPMENT TAG, CFCL. REFER TO SPECIALTY EQUIPMENT LEGEND
- CASEWORK TAG
- INTERIOR COLOR LEATHER N30
- INTERIOR COLOR CHIRP Y20
- INTERIOR COLOR BUTTERNUT 015
- INTERIOR COLOR MAJESTY V03
- INTERIOR COLOR JUNIPER

**KEYNOTES**

- 3 4" H CUT VINYL GRAPHIC QUOTE & 2" H CUT VINYL GRAPHIC TRANSLATION
- 4 WALL MOUNTED DISPLAY CASE. BASIS OF DESIGN ZONE ZW-102. SIZE 2'W X 2'H X 6"D. ANTI-GLARE UV LAMINATED GLASS, OPENING WITH HINGES, HIGH SECURITY CAM LOCK, LED LIGHT BAR AND DESICCANT COMPARTMENT. POWDER COAT BLACK FINISH.
- 13 TABLE CASE ON LEGS WITH HINGED OPENING. BASIS OF DESIGN, ZONE ZT-101. SIZE: 7'W X 2'D X 2'10" H. PROVIDE 10" HIGH GLASS BONNET WITH ANTI GLARE UV LAMINATED GLASS, HIGH SECURITY CAM LOCK(S), AND EXHIBITION DRAWERS. BLACK POWDER COAT.
- 14 FREESTANDING DISPLAY CASE WITH EXHIBITION DRAWERS. BASIS OF DESIGN: ZONE ZF-101D. SIZE: 6'W X 2'D X 7'H. ANTI-GLARE UV LAMINATE GLASS, LED LIGHT BAR, 3 SHELVES. BLACK POWDER COAT FINISHES.
- 15 WALL MOUNTED DISPLAY CASE. BASIS OF DESIGN ZONE ZW-102. SIZE 2'-6"W X 2'H X 6"D. ANTI-GLARE UV LAMINATED GLASS, OPENING WITH HINGES, HIGH SECURITY CAM LOCK, LED LIGHT BAR AND DESICCANT COMPARTMENT. POWDER COAT BLACK FINISH.
- 16 WALL MOUNTED DISPLAY CASE. BASIS OF DESIGN ZONE ZW-102. SIZE 2'W X 3'-6"H X 6"D. ANTI-GLARE UV LAMINATED GLASS, OPENING WITH HINGES, HIGH SECURITY CAM LOCK, LED LIGHT BAR AND DESICCANT COMPARTMENT. POWDER COAT BLACK FINISH.
- 17 CENTER LIGHTS IN SPACE
- 34 BASE BOARD HEAT, REFER TO MECHANICAL FOR MORE INFORMATION.

**INTERIOR**  
ELEVATIONS -  
IDENTITY  
GALLERY 2

SHEET NO.  
**A202**



**MCG**  
**EXPLORE**  
**DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com



ANHC

**ALASKA**  
**NATIVE**  
**HERITAGE**  
**CENTER**  
**REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION**  
**DOCUMENTS**





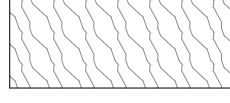









JOB NO. **2023014**  
 DATE: **10.15.2023**  
 PROJ. MGR.: **MLP**  
 DRAWN BY: **MLP**  
 REVIEWED BY: **JTW**  
 REVISIONS:

**INTERIOR**  
**ELEVATIONS -**  
**IDENTITY**  
**GALLERY 3**

SHEET NO.  
**A203**

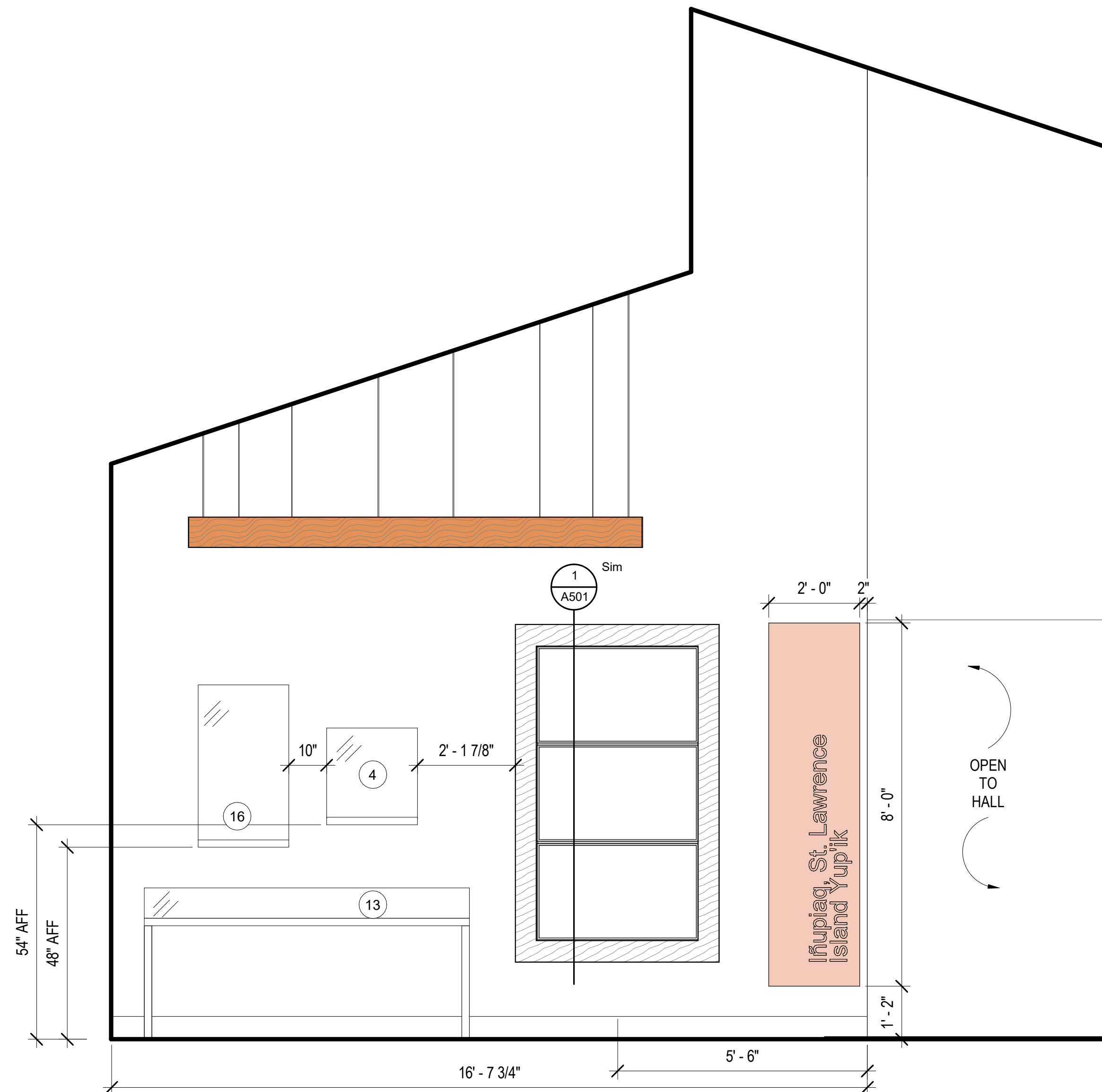
**ELEVATION LEGEND**

1/2" SCALE. REFER TO FINISH LEGEND FOR SPECIFIED FINISH INFORMATION.

-  PT2
-  PT3
-  WC1
-  IDENTITY GALLERY SIGN
-  PL1 SHROUD
-  KEY NOTES
-  MATERIAL TAG
-  SPECIALTY EQUIPMENT TAG, CFCL. REFER TO SPECIALTY EQUIPMENT LEGEND
-  CASEWORK TAG
-  INTERIOR COLOR LEATHER N30
-  INTERIOR COLOR CHIRP Y20
-  INTERIOR COLOR BUTTERNUT 015
-  INTERIOR COLOR MAJESTY V03
-  INTERIOR COLOR JUNIPER

**KEYNOTES**

- 3 4" H CUT VINYL GRAPHIC QUOTE & 2" H CUT VINYL GRAPHIC TRANSLATION
- 4 WALL MOUNTED DISPLAY CASE. BASIS OF DESIGN ZONE ZW-102. SIZE 2'W X 2'H X 6"D. ANTI-GLARE UV LAMINATED GLASS, OPENING WITH HINGES, HIGH SECURITY CAM LOCK, LED LIGHT BAR AND DESICCANT COMPARTMENT. POWDER COAT BLACK FINISH.
- 13 TABLE CASE ON LEGS WITH HINGED OPENING. BASIS OF DESIGN, ZONE ZT-101. SIZE: 7'W X 2'D X 2'10" H. PROVIDE 10" HIGH GLASS BONNET WITH ANTI GLARE UV LAMINATED GLASS, HIGH SECURITY CAM LOCK(S), AND EXHIBITION DRAWERS. BLACK POWDER COAT.
- 14 FREESTANDING DISPLAY CASE WITH EXHIBITION DRAWERS. BASIS OF DESIGN, ZONE ZF-101D. SIZE: 6'W X 2'D X 7'H. ANTI-GLARE UV LAMINATE GLASS, LED LIGHT BAR, 3 SHELVES. BLACK POWDER COAT FINISHES.
- 16 WALL MOUNTED DISPLAY CASE. BASIS OF DESIGN ZONE ZW-102. SIZE 2'W X 3' - 6"H X 6"D. ANTI-GLARE UV LAMINATED GLASS, OPENING WITH HINGES, HIGH SECURITY CAM LOCK, LED LIGHT BAR AND DESICCANT COMPARTMENT. POWDER COAT BLACK FINISH.
- 17 CENTER LIGHTS IN SPACE
- 34 BASE BOARD HEAT, REFER TO MECHANICAL FOR MORE INFORMATION.

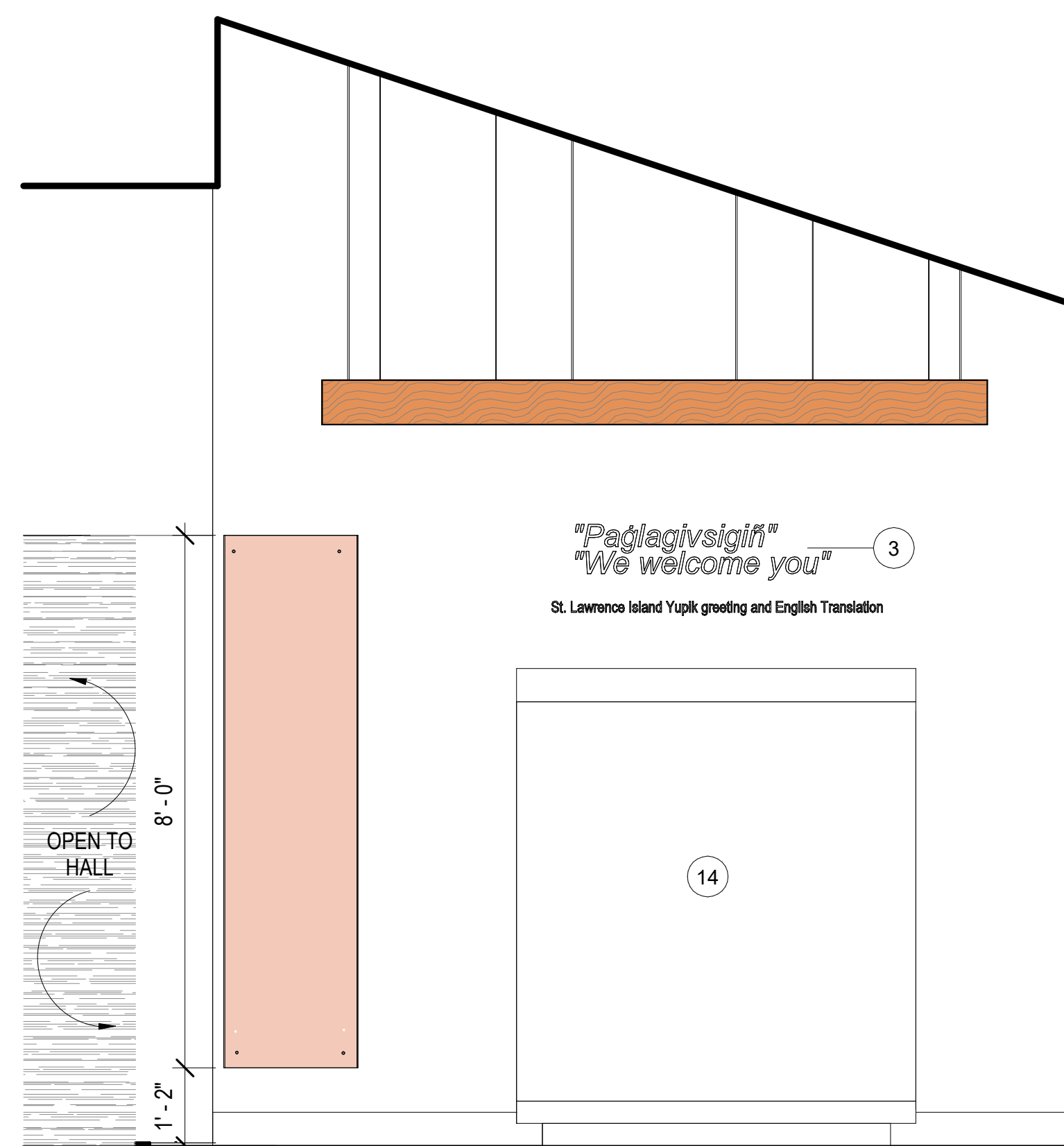


**3 IDENTITY GALLERY 3 - E**

A203 1/2" = 1'-0"

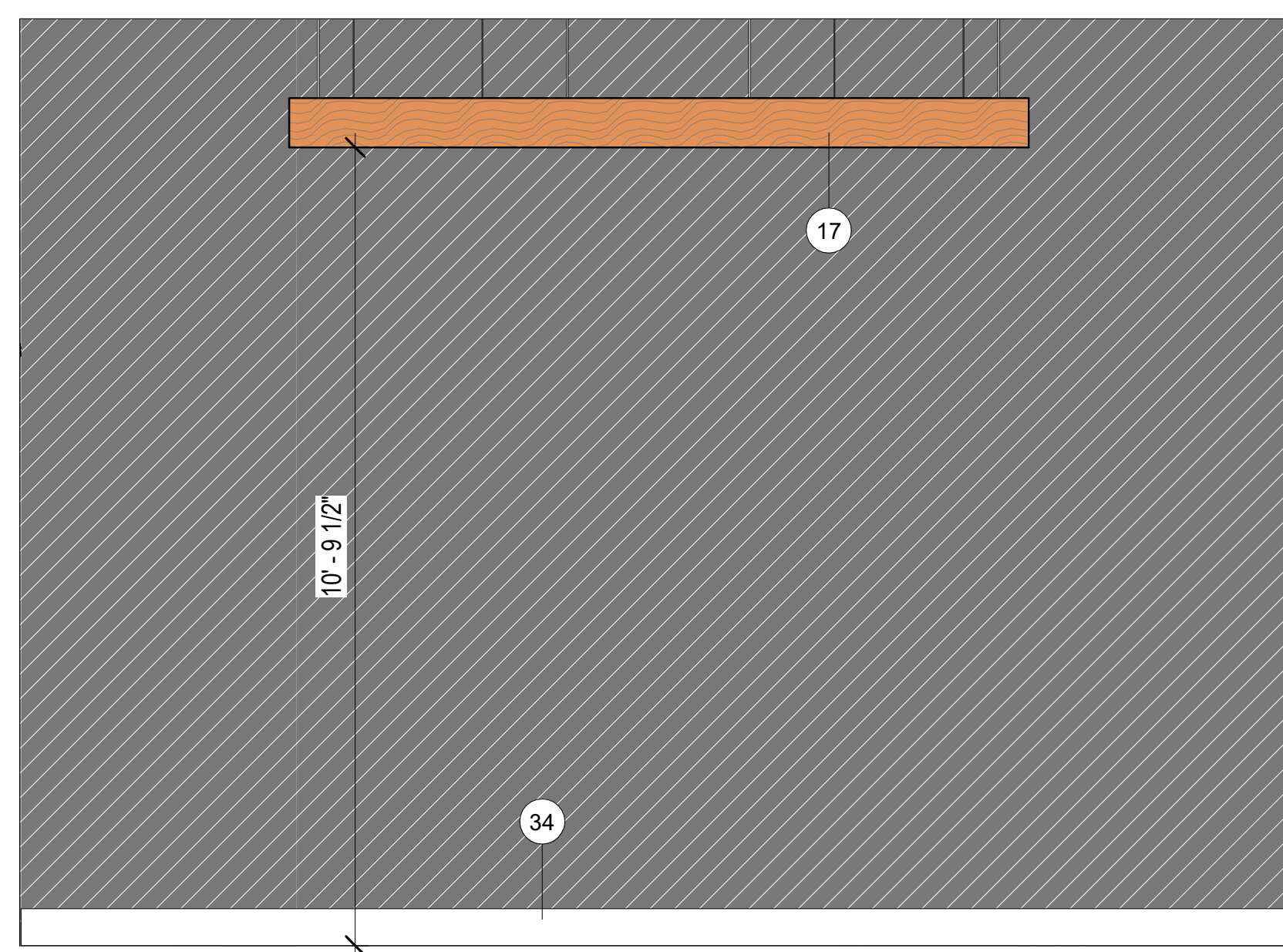


**RENDER**



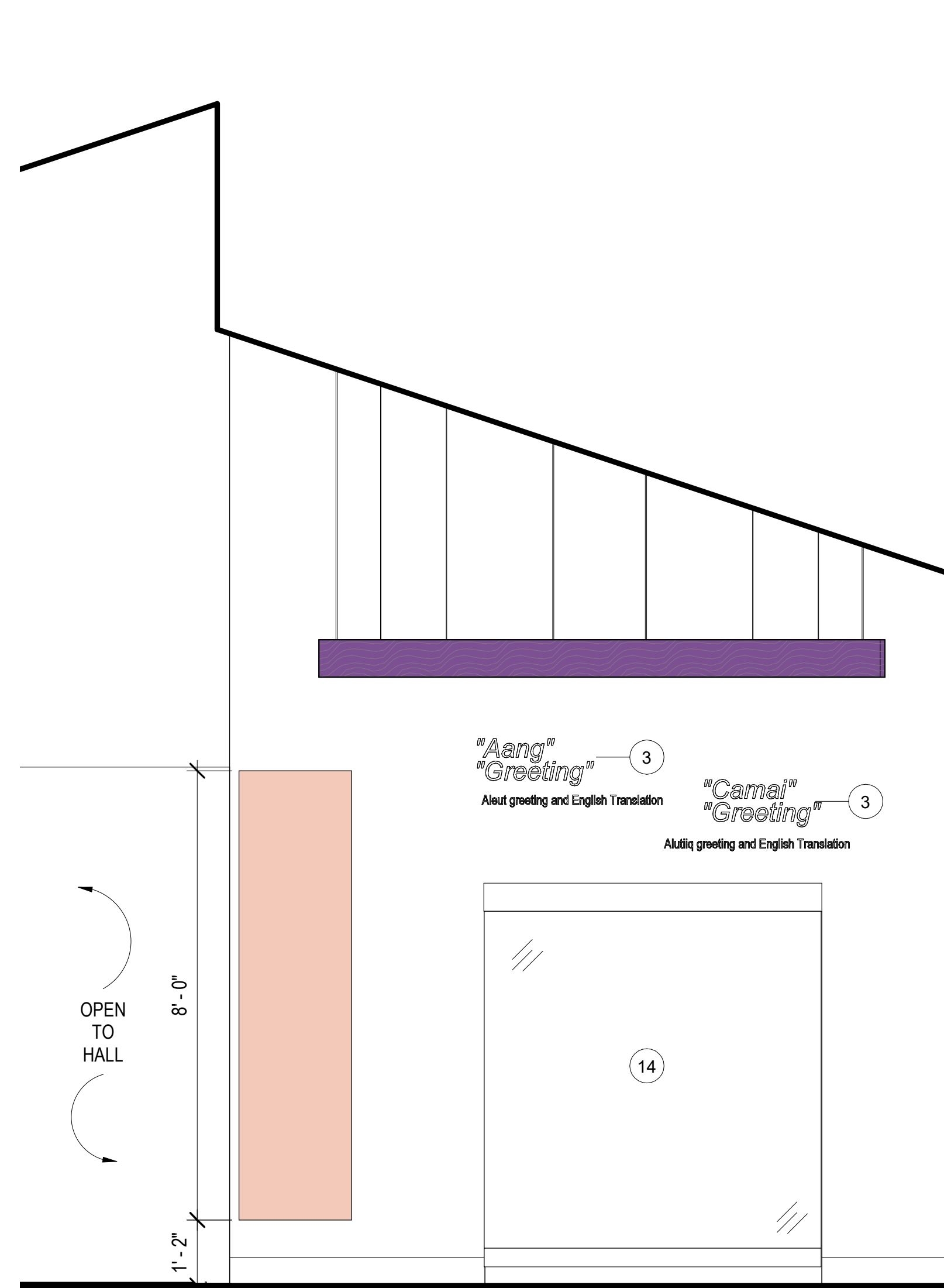
**1 IDENTITY GALLERY 3 - W**

A203 1/2" = 1'-0"

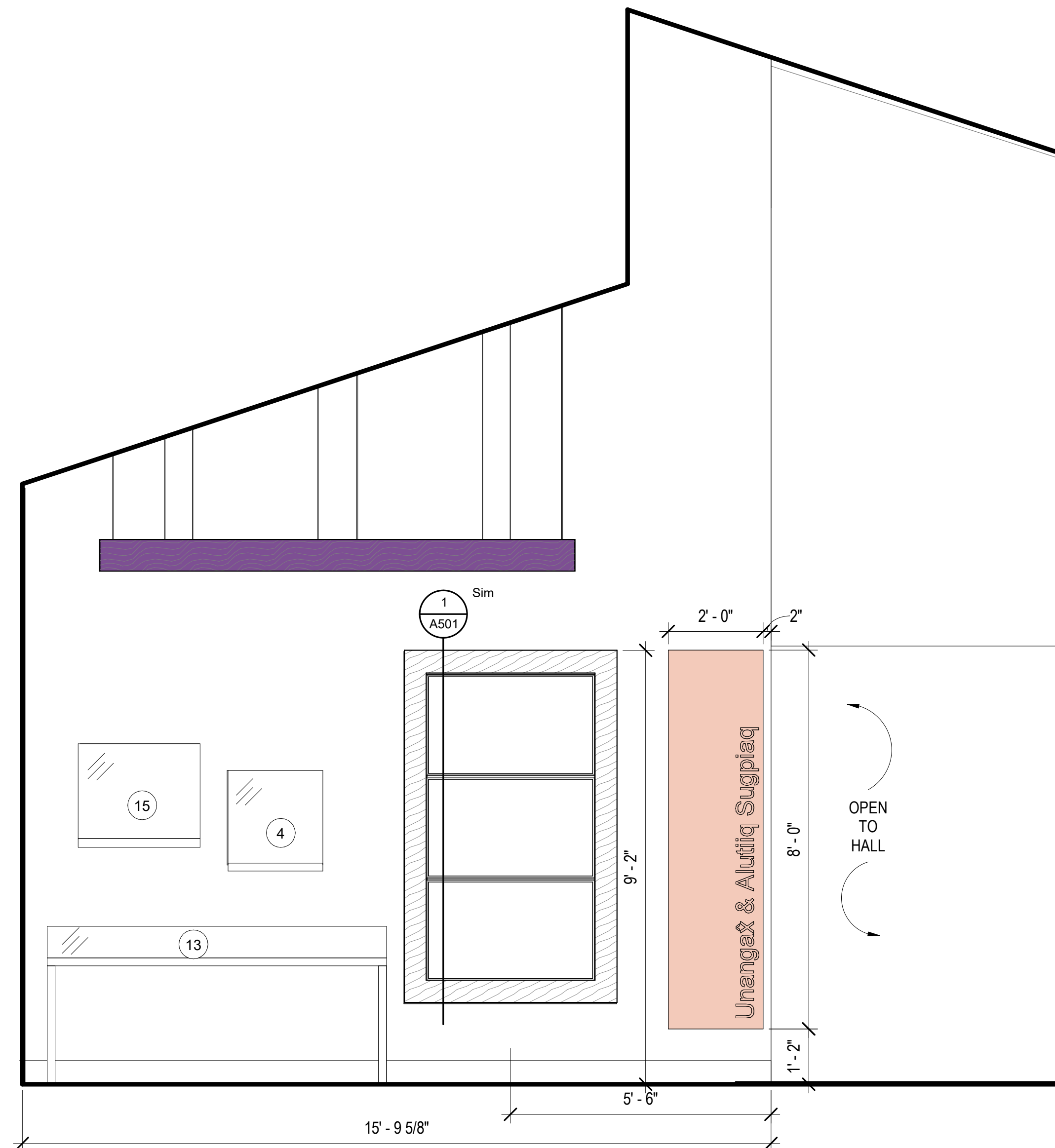


**2 IDENTITY GALLERY 3 - N**

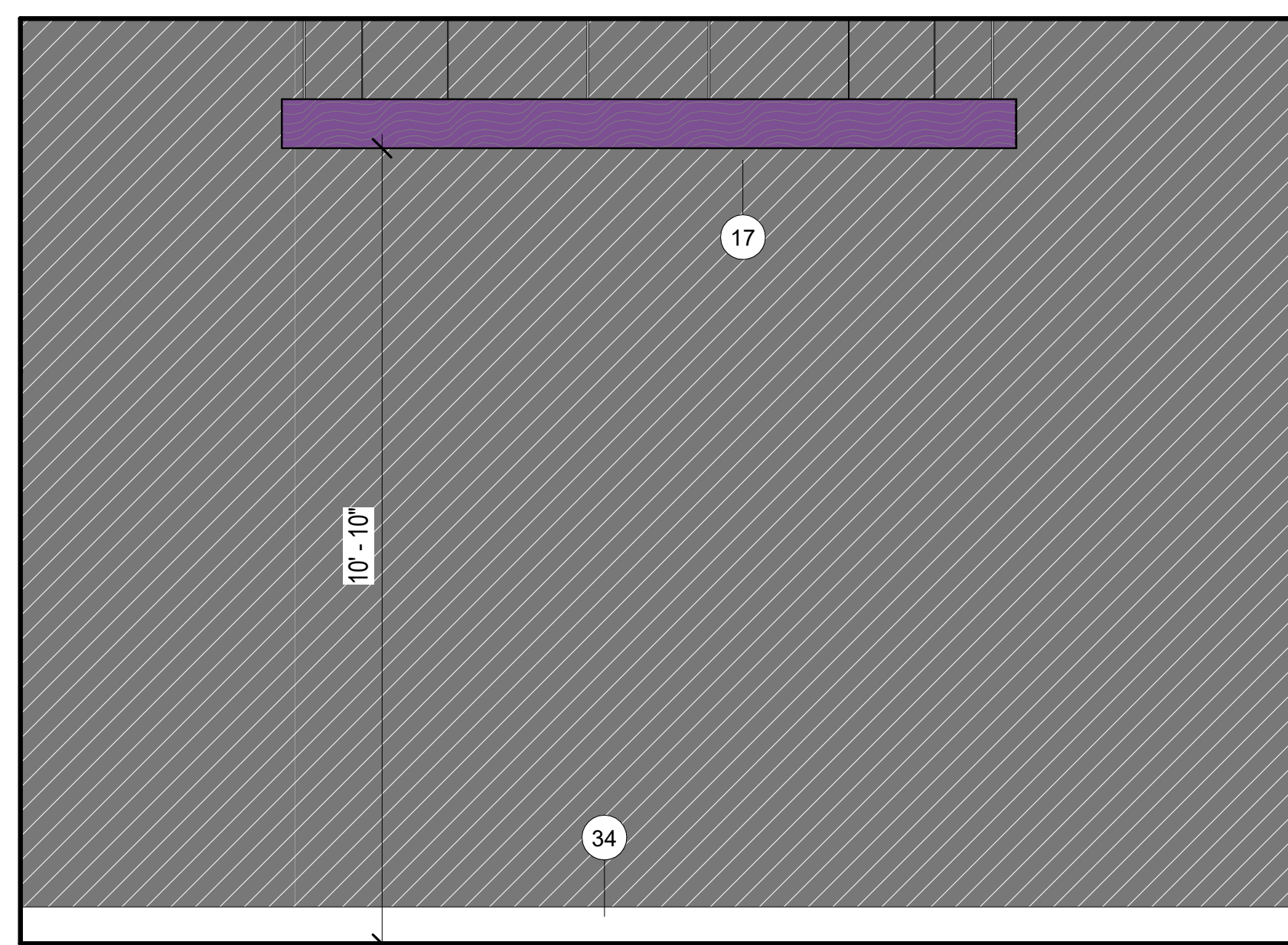
A203 1/2" = 1'-0"



**1** IDENTITY GALLERY 4 - W  
A204 1/2" = 1'-0"



**3** IDENTITY GALLERY 4 - E  
A204 1/2" = 1'-0"







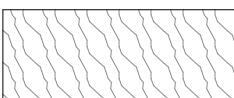


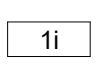
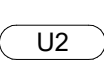



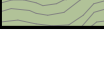

**2** IDENTITY GALLERY 4 - N  
A204 1/2" = 1'-0"



RENDER

### ELEVATION LEGEND

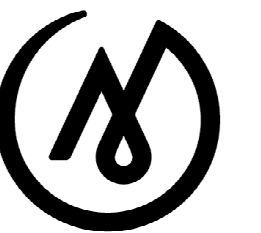
1/2" SCALE. REFER TO FINISH LEGEND FOR SPECIFIED FINISH INFORMATION.

-  PT2
-  PT3
-  WC1
-  IDENTITY GALLERY SIGN
-  PL1 SHROUD
-  KEY NOTES
-  MATERIAL TAG
-  SPECIALTY EQUIPMENT TAG, CFCI. REFER TO SPECIALTY EQUIPMENT LEGEND
-  CASEWORK TAG
-  INTERIOR COLOR LEATHER N30
-  INTERIOR COLOR CHIRP Y20
-  INTERIOR COLOR BUTTERNUT 015
-  INTERIOR COLOR MAJESTY V03
-  INTERIOR COLOR JUNIPER

### KEYNOTES

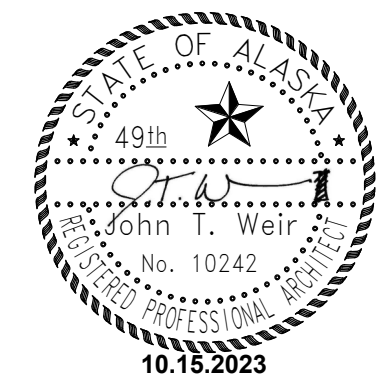
- 3 4" H CUT VINYL GRAPHIC QUOTE & 2" H CUT VINYL GRAPHIC TRANSLATION
- 4 WALL MOUNTED DISPLAY CASE. BASIS OF DESIGN ZONE ZW-102. SIZE 2'W X 2'H X 6"D. ANTI-GLARE UV LAMINATED GLASS, OPENING WITH HINGES, HIGH SECURITY CAM LOCK, LED LIGHT BAR AND DESICCANT COMPARTMENT. POWDER COAT BLACK FINISH.
- 13 TABLE CASE ON LEGS WITH HINGED OPENING. BASIS OF DESIGN. ZONE ZT-101. SIZE: 7'W X 2'D X 2'10" H. PROVIDE 10" HIGH GLASS BONNET WITH ANTI GLARE UV LAMINATED GLASS, HIGH SECURITY CAM LOCK(S), AND EXHIBITION DRAWERS. BLACK POWDER COAT.
- 14 FREESTANDING DISPLAY CASE WITH EXHIBITION DRAWERS. BASIS OF DESIGN: ZONE ZF-101D. SIZE: 6'W X 2'D X 7'H. ANTI-GLARE UV LAMINATE GLASS, LED LIGHT BAR, 3 SHELVES. BLACK POWDER COAT FINISHES.
- 15 WALL MOUNTED DISPLAY CASE. BASIS OF DESIGN ZONE ZW-102. SIZE 2'-6"W X 2'H X 6"D. ANTI-GLARE UV LAMINATED GLASS, OPENING WITH HINGES, HIGH SECURITY CAM LOCK, LED LIGHT BAR AND DESICCANT COMPARTMENT. POWDER COAT BLACK FINISH.
- 17 CENTER LIGHTS IN SPACE
- 34 BASE BOARD HEAT, REFER TO MECHANICAL FOR MORE INFORMATION.

FOR:  
SUBMITTAL  
PRICING



**MCG**  
EXPLORE  
DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
exploredesign.com



ANHC

**ALASKA**  
NATIVE  
HERITAGE  
CENTER  
REMODEL

8800 Heritage Center Drive,  
Anchorage, Alaska

**BID CONSTRUCTION**  
DOCUMENTS

JOB NO. 2023014  
DATE: 10.15.2023  
PROJ. MGR.: MLP  
DRAWN BY: MLP  
REVIEWED BY: JTW

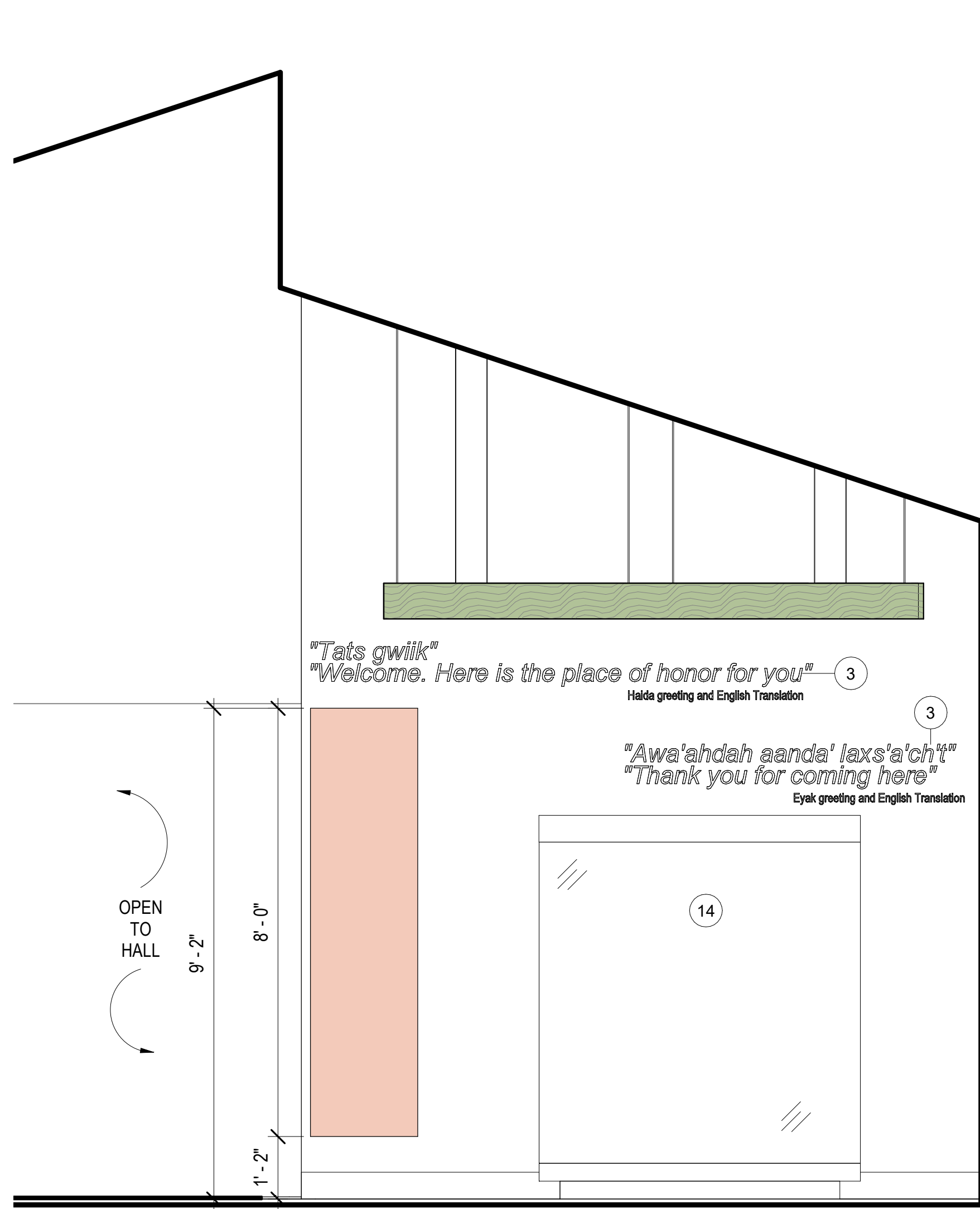
REVISIONS:

INTERIOR  
ELEVATIONS -  
IDENTITY  
GALLERY 4

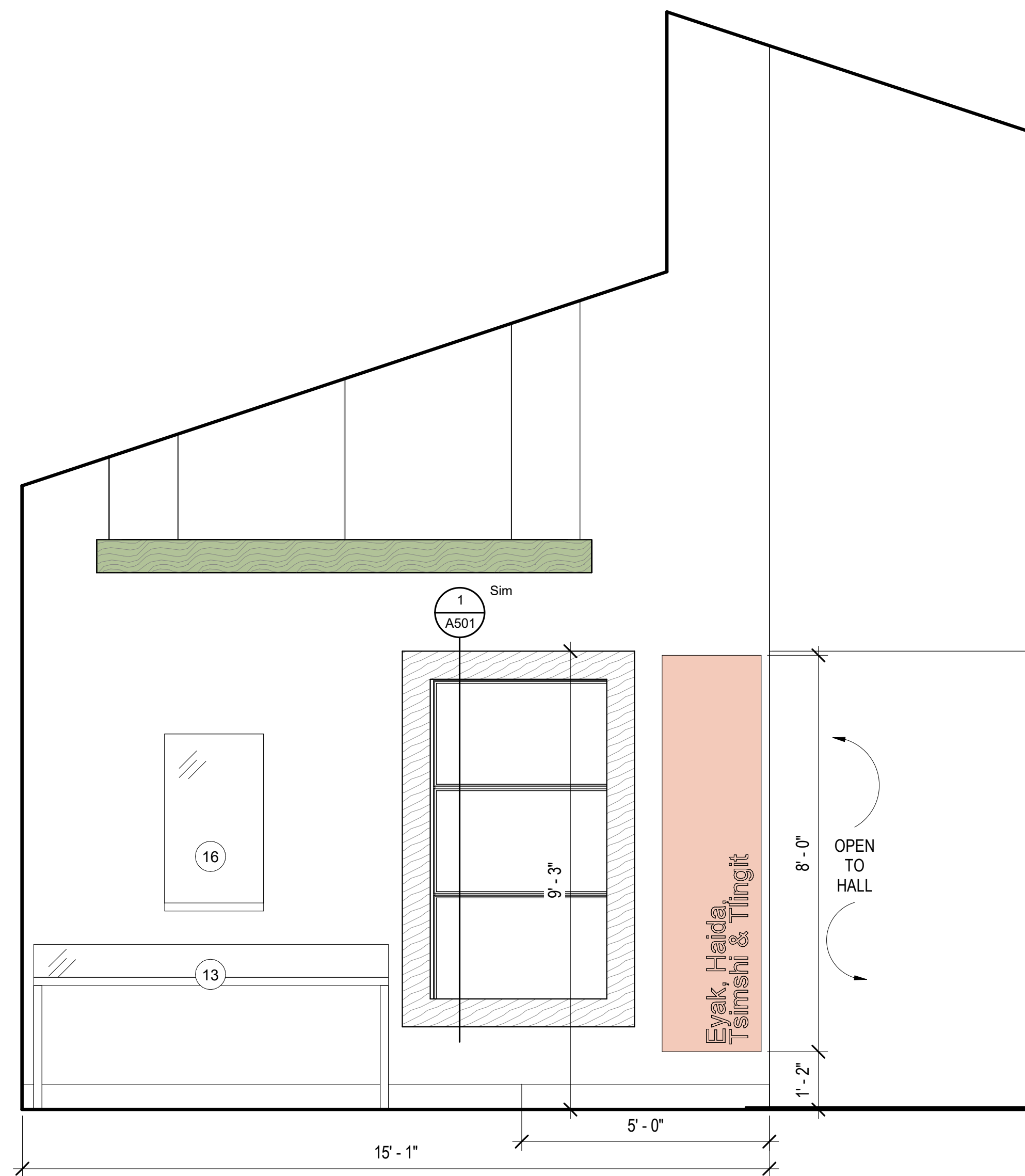
SHEET NO.

**A204**

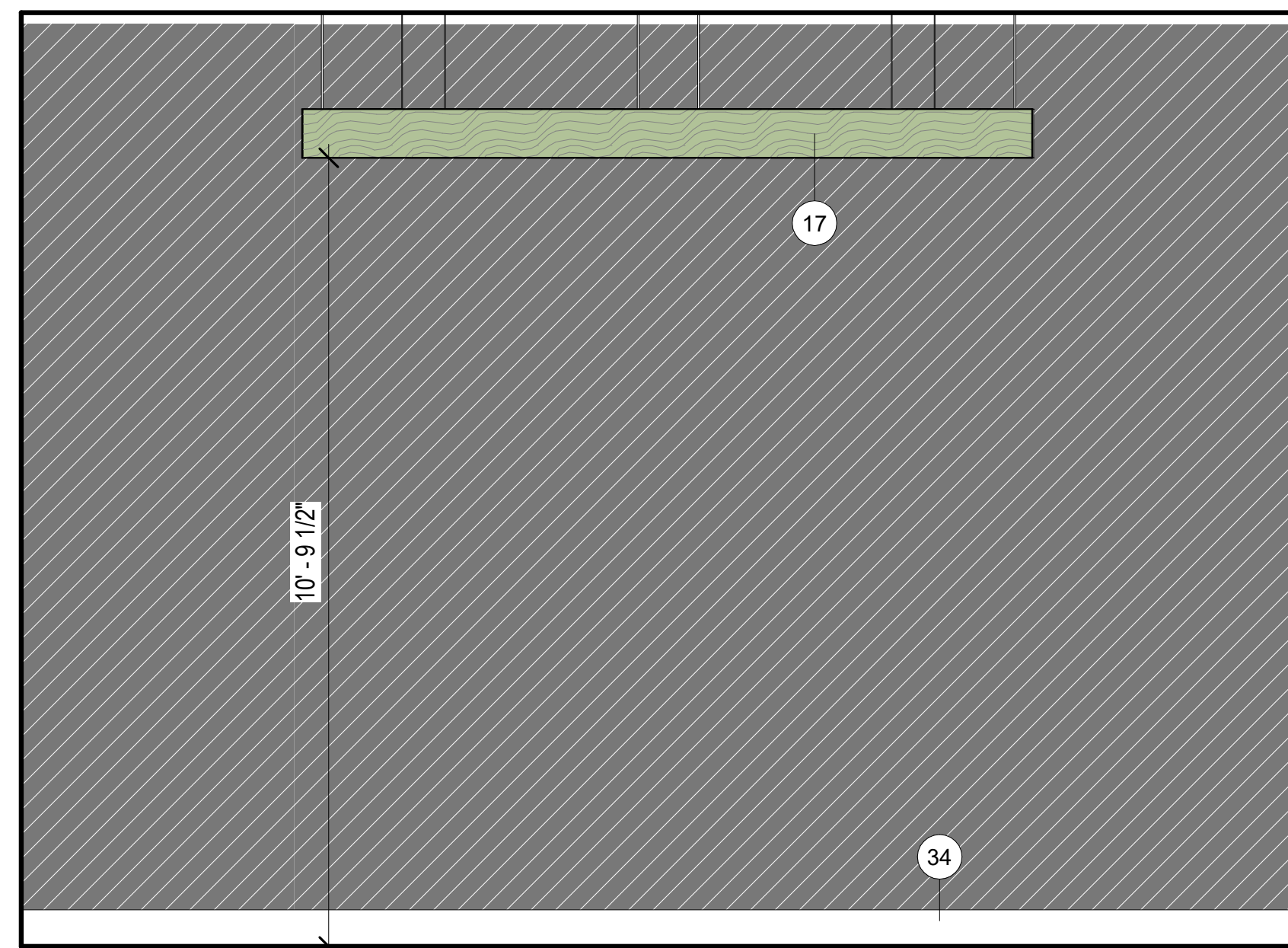




**1** IDENTITY GALLERY 5 - W  
A205 1/2" = 1'-0"



**3** IDENTITY GALLERY 5 - E  
A205 1/2" = 1'-0"



**2** IDENTITY GALLERY 5 - N  
A205 1/2" = 1'-0"



RENDER

### ELEVATION LEGEND

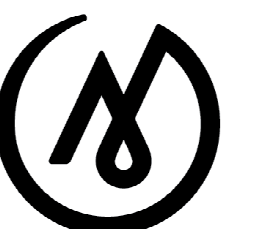
1/2" SCALE. REFER TO FINISH LEGEND FOR SPECIFIED FINISH INFORMATION.

- PT2
- PT3
- WC1
- IDENTITY GALLERY SIGN
- PL1 SHROUD
- KEY NOTES
- MATERIAL TAG
- SPECIALTY EQUIPMENT TAG, CFCI. REFER TO SPECIALTY EQUIPMENT LEGEND
- CASEWORK TAG
- INTERIOR COLOR LEATHER N30
- INTERIOR COLOR CHIRP Y20
- INTERIOR COLOR BUTTERNUT 015
- INTERIOR COLOR MAJESTY V03
- INTERIOR COLOR JUNIPER

### KEYNOTES

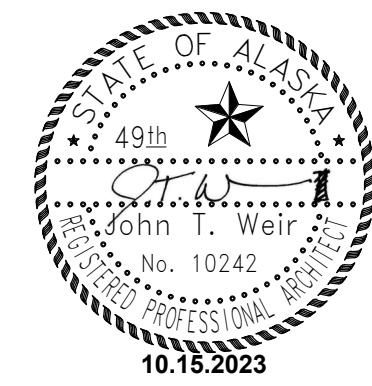
- 3 4" H CUT VINYL GRAPHIC QUOTE & 2" H CUT VINYL GRAPHIC TRANSLATION
- 13 TABLE CASE ON LEGS WITH HINGED OPENING. BASIS OF DESIGN, ZONE ZT-101. SIZE: 7"W X 2'D X 2'10" H. PROVIDE 10" HIGH GLASS BONNET WITH ANTI GLARE UV LAMINATED GLASS, HIGH SECURITY CAM LOCK(S), AND EXHIBITION DRAWERS. BLACK POWDER COAT.
- 14 FREESTANDING DISPLAY CASE WITH EXHIBITION DRAWERS. BASIS OF DESIGN: ZONE ZF-101D. SIZE: 6"W X 2'D X 7'H. ANTI-GLARE UV LAMINATE GLASS, LED LIGHT BAR, 3 SHELVES. BLACK POWDER COAT FINISHES.
- 16 WALL MOUNTED DISPLAY CASE. BASIS OF DESIGN ZONE ZW-102. SIZE 2'W X 3' - 6"H X 6"D. ANTI-GLARE UV LAMINATED GLASS, OPENING WITH HINGES, HIGH SECURITY CAM LOCK, LED LIGHT BAR AND DESICCANT COMPARTMENT. POWDER COAT BLACK FINISH.
- 17 CENTER LIGHTS IN SPACE
- 34 BASE BOARD HEAT, REFER TO MECHANICAL FOR MORE INFORMATION.

FOR:  
SUBMITTAL  
PRICING



**MCG**  
EXPLORE  
DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
exploredesign.com



ANHC

**ALASKA**  
NATIVE  
HERITAGE  
CENTER  
REMODEL

8800 Heritage Center Drive,  
Anchorage, Alaska

BID CONSTRUCTION  
DOCUMENTS

JOB NO. 2023014  
DATE: 10.15.2023  
PROJ. MGR.: MLP  
DRAWN BY: MLP  
REVIEWED BY: JTW  
REVISIONS:

INTERIOR  
ELEVATIONS -  
IDENTITY  
GALLERY 5

SHEET NO.

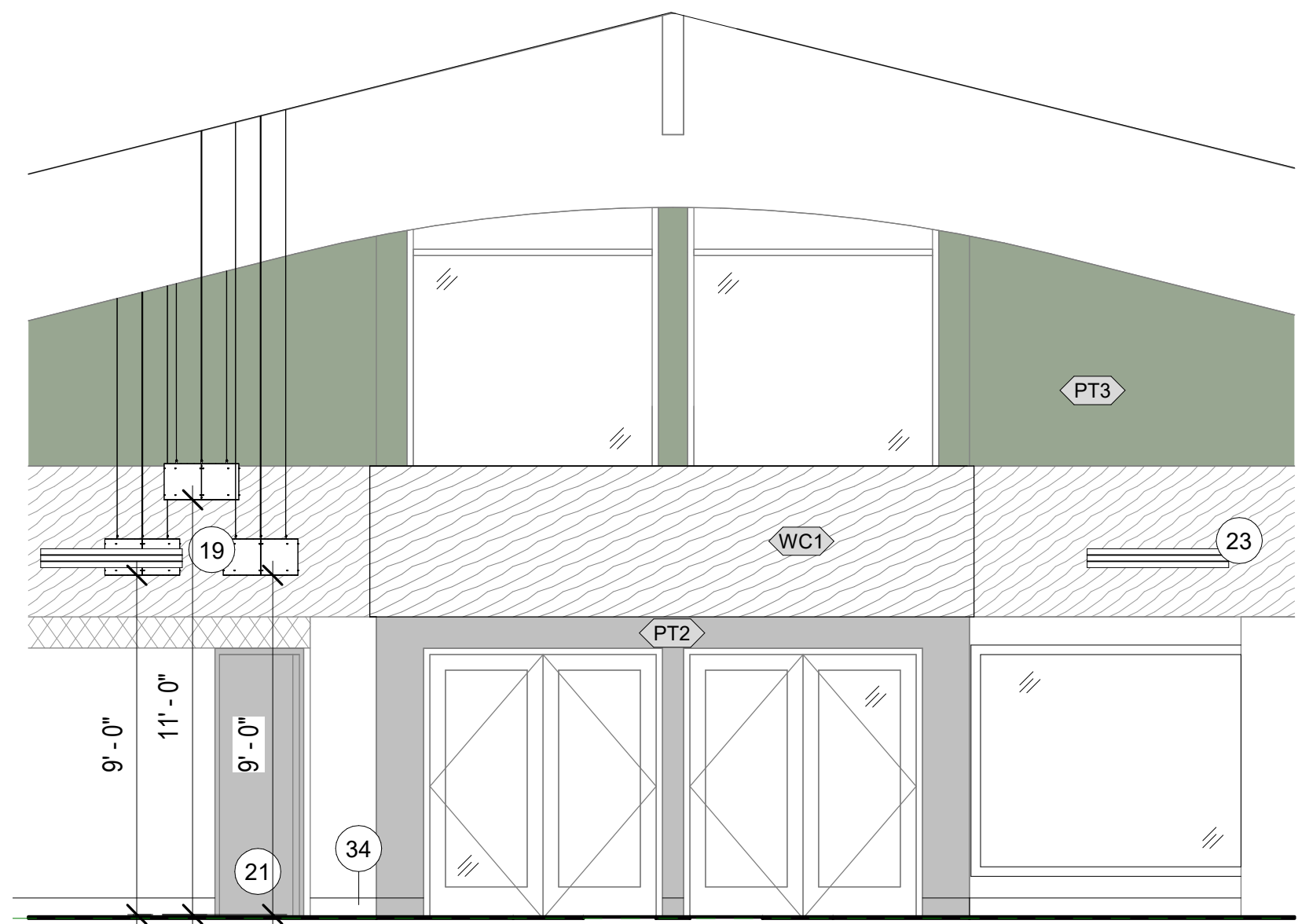
**A205**



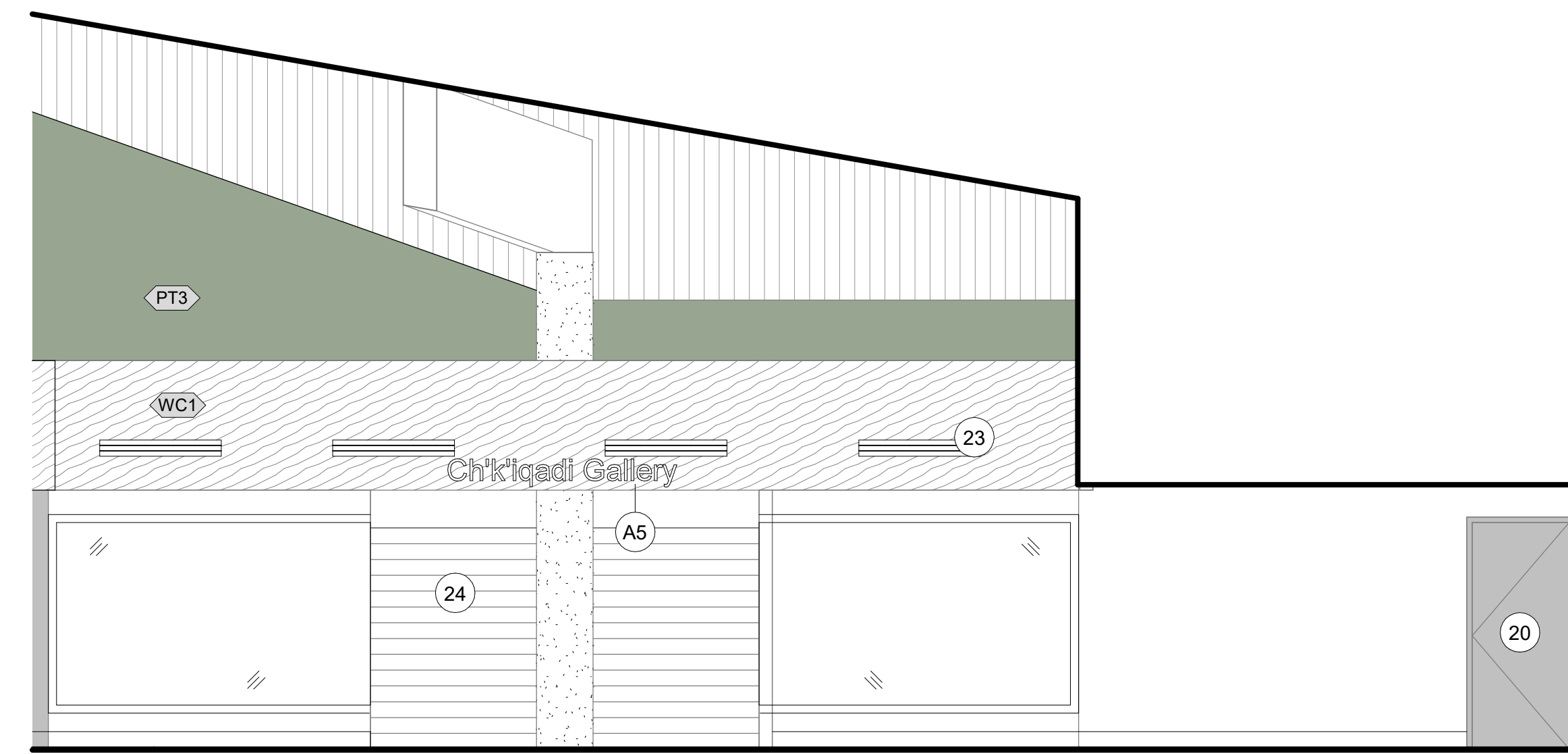
VIEW OF LOBBY



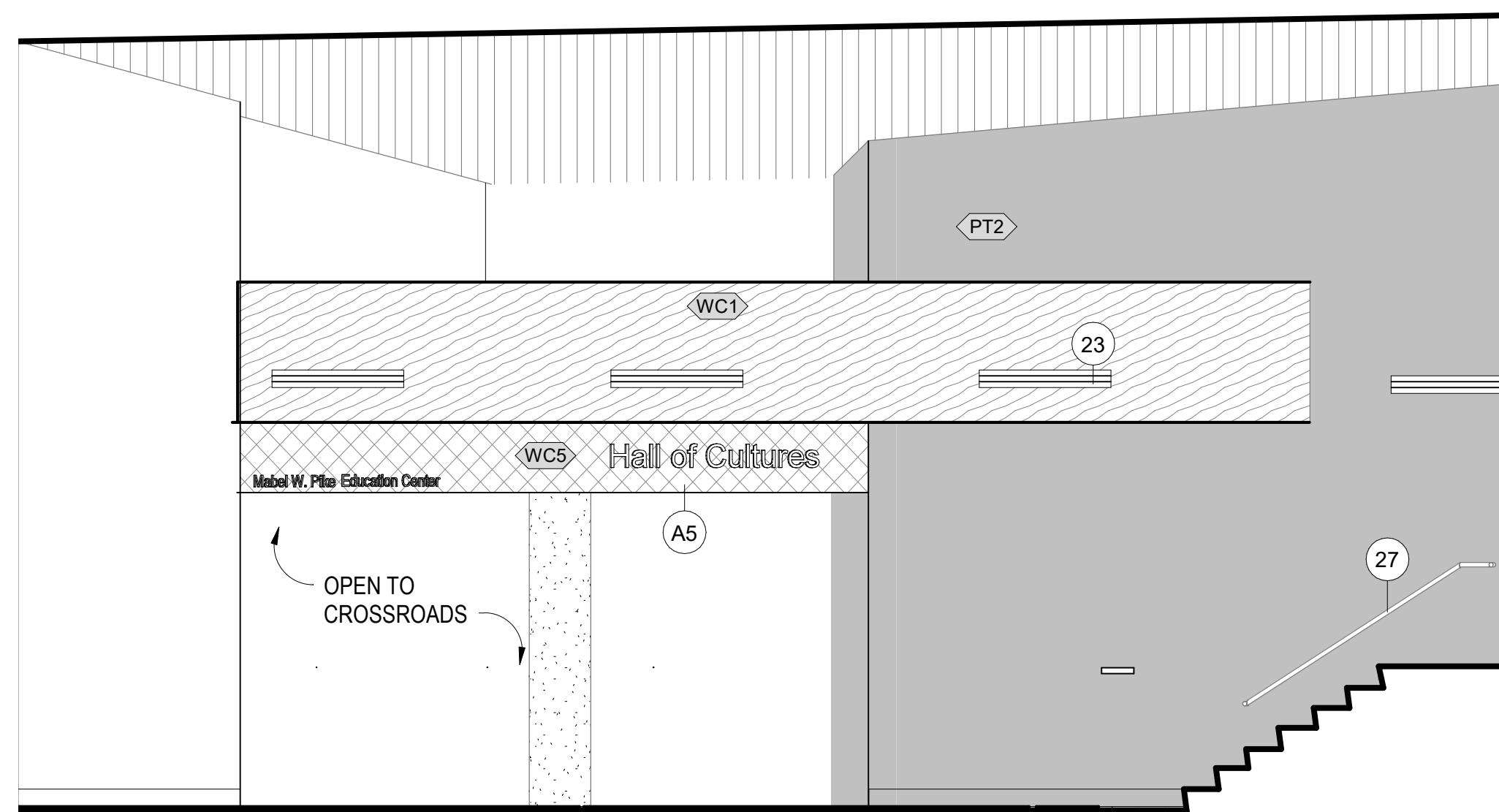
VIEW OF GATHERING ROOM



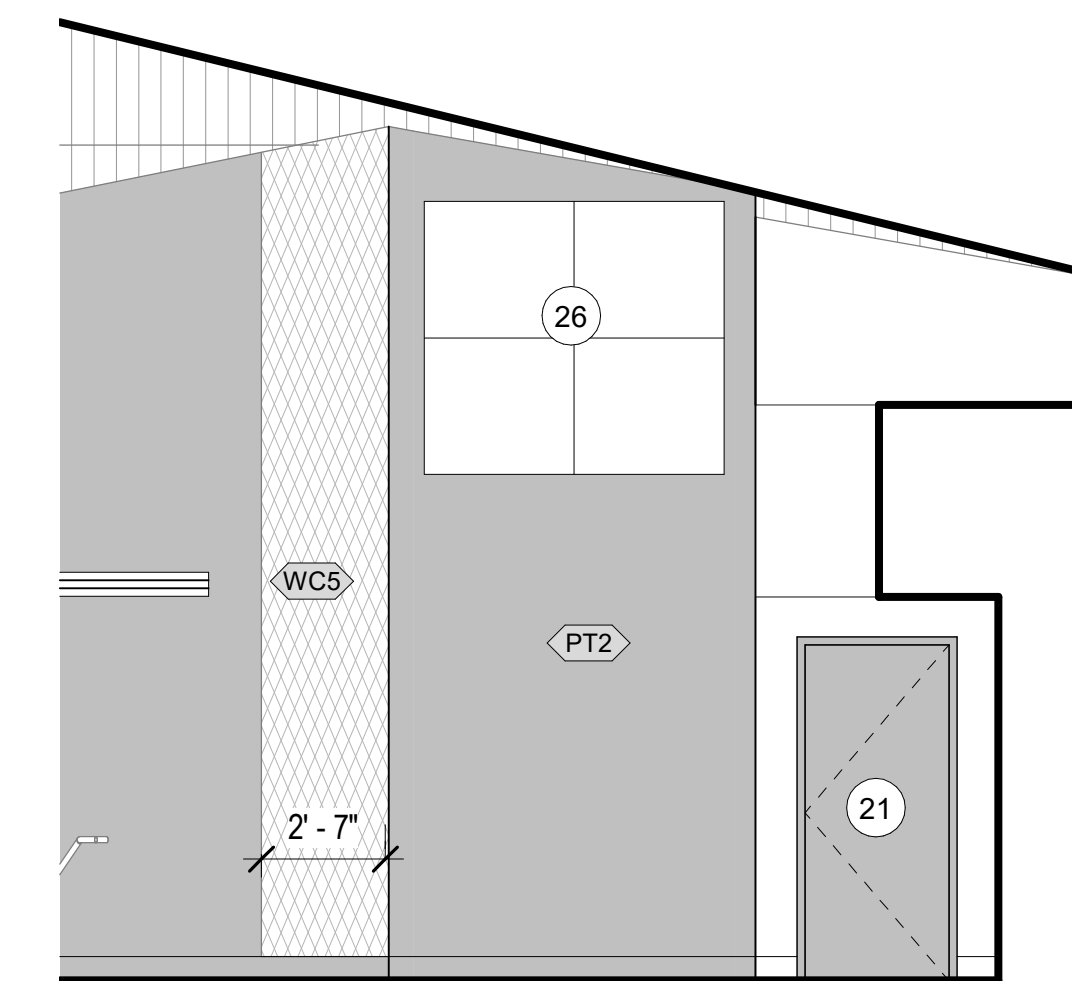
2 LOBBY - S  
A206 1/4" = 1'-0"



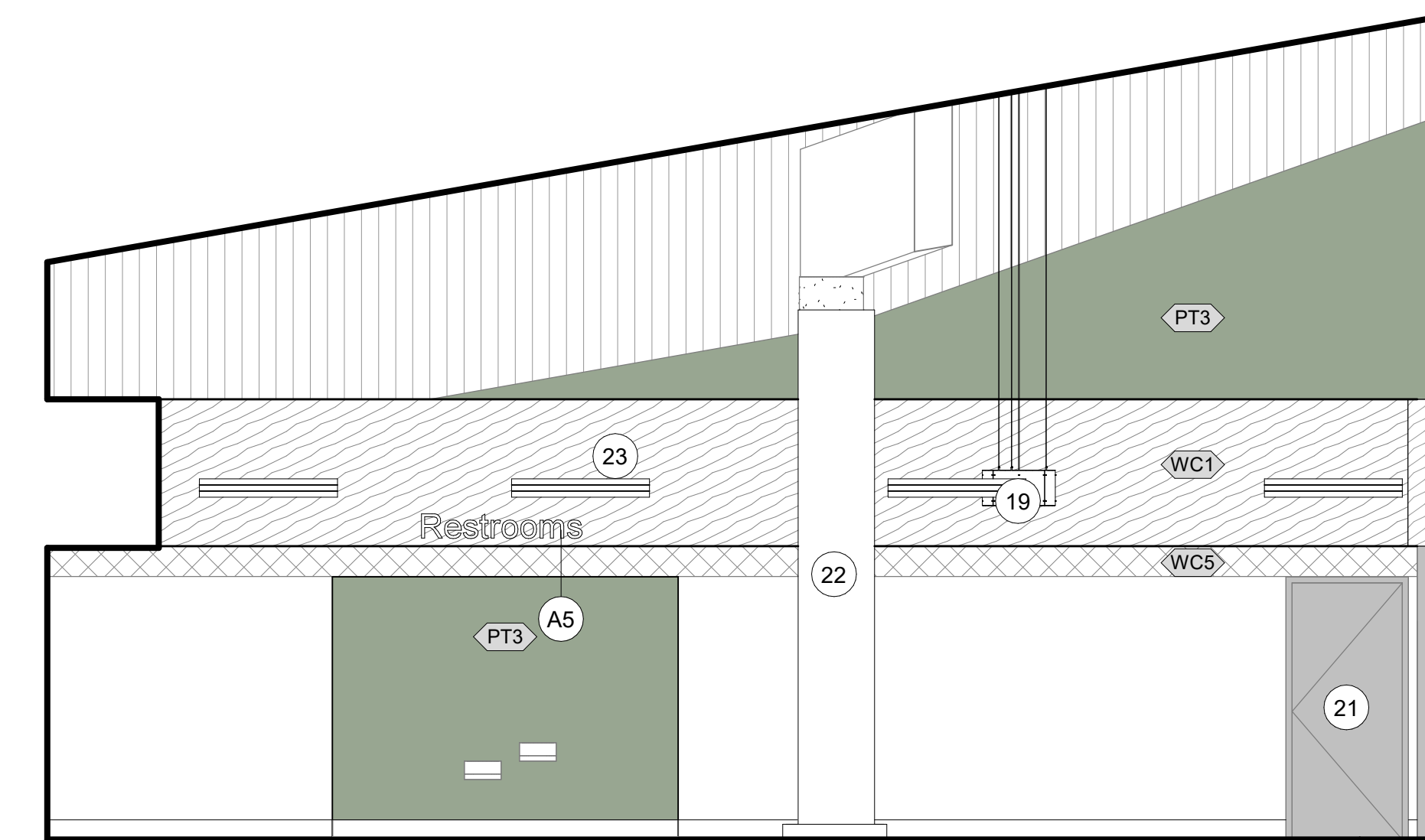
3 LOBBY - SW  
A206 1/4" = 1'-0"



4 CROSSROADS ENTRANCE - E  
A206 1/4" = 1'-0"







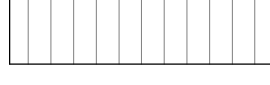


5 LOBBY - E  
A206 1/4" = 1'-0"



1 LOBBY - SE  
A206 1/4" = 1'-0"

ELEVATION LEGEND

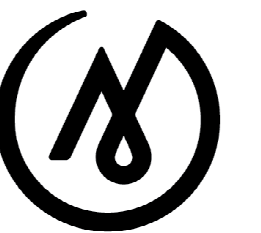
1. REFER TO FINISH LEGEND FOR SPECIFIED FINISH INFORMATION.

-  PT2
-  PT3
-  WC1
-  WC5
-  EXISTING WOOD
-  KEY NOTES
-  MATERIAL TAG

KEYNOTES

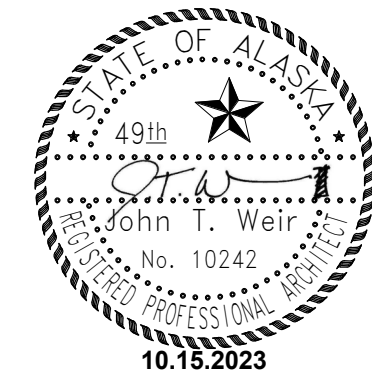
- 19 24" SEAL SKIN LAMPS. REFER TO ELECTRICAL FOR MORE INFORMATION. MOUNT BOTTOM OF PENDANT AT 9' / 9'-6"
- 20 PAINT EXISTING DOOR AND FRAME PT2
- 21 PAINT EXISTING DOOR FRAME AT THIS LOCATION PT2
- 22 EXISTING TOTEM
- 23 EXISTING DIFFUSERS, CLEAN AND REINSTALL AFTER APPLICATION OF WC1
- 24 EXISTING SECURITY DOOR
- 26 EXISTING MECHANICAL, CLEAN TO BRING TO LIKE NEW CONDITION.
- 27 REMOVE AND RE-INSTALL EXISTING HANDRAILS, CLEAN TO BRING TO LIKE NEW CONDITION.
- 34 BASE BOARD HEAT, REFER TO MECHANICAL FOR MORE INFORMATION.
- A5 ADD ALTERNATE 5

FOR:  
● SUBMITTAL  
○ PRICING



**MCG EXPLORE DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
exploredesign.com



ANHC

**ALASKA NATIVE HERITAGE CENTER REMODEL**

8800 Heritage Center Drive,  
Anchorage, Alaska

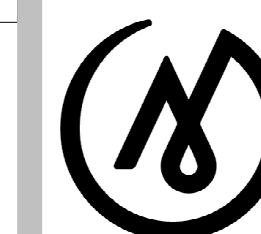
**BID CONSTRUCTION DOCUMENTS**

JOB NO. 2023014  
DATE: 10.15.2023  
PROJ. MGR.: MLP  
DRAWN BY: MLP  
REVIEWED BY: JTW  
REVISIONS:

INTERIOR ELEVATIONS - LOBBY

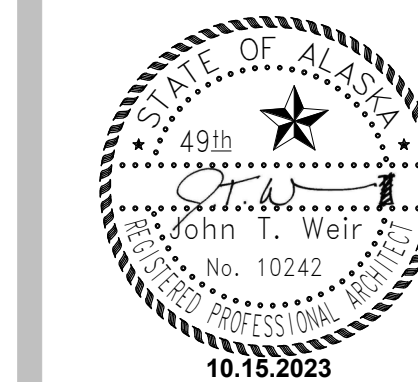
SHEET NO.  
**A206**

FOR:  
 • SUBMITTAL  
 • PRICING



**MCG**  
 EXPLORE  
 DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com



ANHC

**ALASKA  
 NATIVE  
 HERITAGE  
 CENTER  
 REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION  
 DOCUMENTS**

JOB NO. 2023014  
 DATE: 10.15.2023  
 PROJ. MGR.: Designer  
 DRAWN BY: Author  
 REVIEWED BY: Checker  
 REVISIONS:

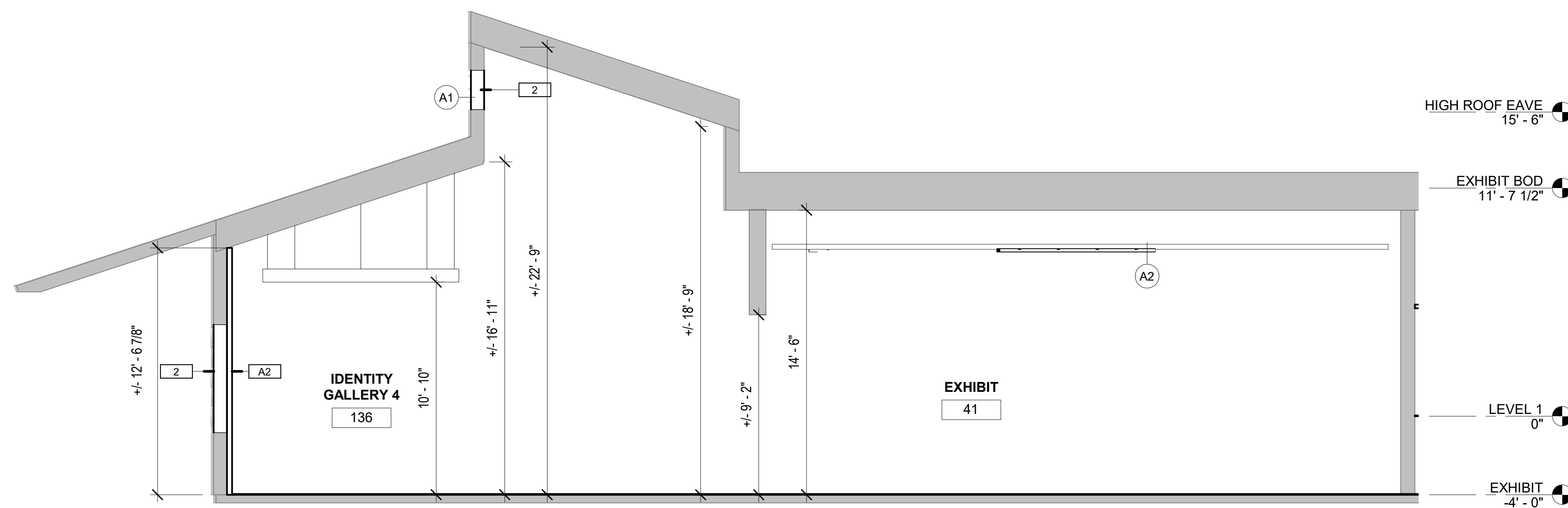
**BUILDING  
 SECTIONS**

SHEET NO.

**A301**

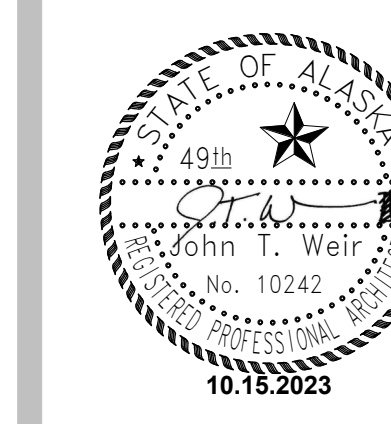
**KEYNOTES**

- A1 REMOVAL OF HIGH TRANSOM WINDOWS AND INFILL WALL ASSEMBLY TO MATCH EXISTING; ALT #1
- A2 ADD ALTERNATE 2: WOOD CEILING ACCENT (ACT2). CONTRACTOR TO COORDINATE WITH NICET DESIGN TO APPROVE ANY MODIFICATIONS TO THE EXISTING SPRINKLER SYSTEM AND ADJUST AS NEEDED TO ACCOMMODATE A SMALLER PERCENTAGE OF OPENNESS. FINAL DESIGN LAYOUT WILL NEED TO BE COORDINATED WITH EXISTING ELECTRICAL AND MECHANICAL ITEMS.



**1** IDENTITY GALLERY  
 A301 1/4" = 1'-0"

FOR:  
 • SUBMITTAL  
 • PRICING



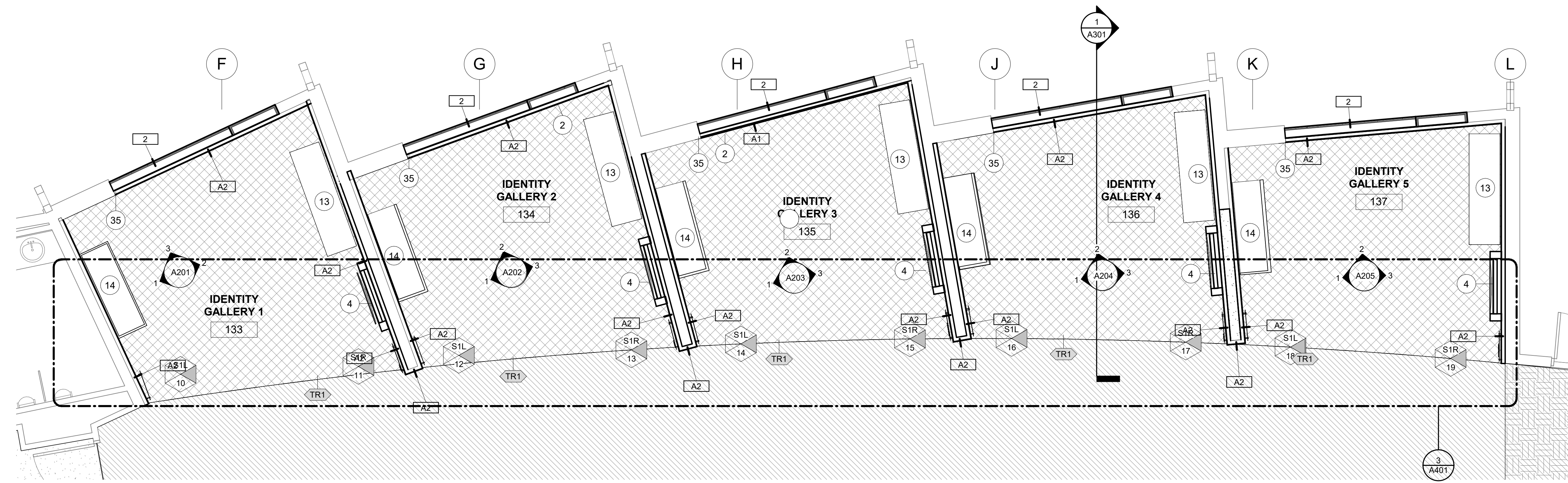
ANHC  
**ALASKA  
 NATIVE  
 HERITAGE  
 CENTER  
 REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska  
**BID CONSTRUCTION  
 DOCUMENTS**

JOB NO. 2023014  
 DATE: 10.15.2023  
 PROJ. MGR.: MLP  
 DRAWN BY: MLP  
 REVIEWED BY: JTW  
 REVISIONS:

**ENLARGED  
 PLANS**

SHEET NO.  
**A401**



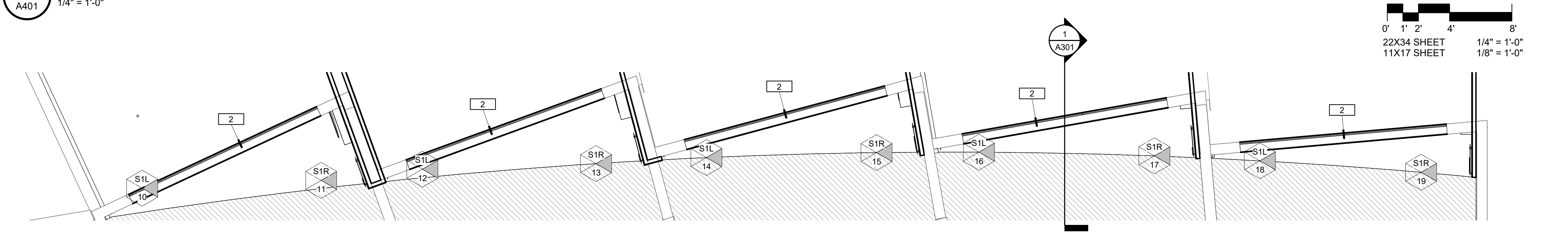
**FINISH LEGEND**

\* REFER TO SHEET G002 FOR GENERAL NOTES

- NOT IN SCOPE
  - CPT1
  - CPT2
  - CPT3
  - RT1
  - RT2
  - WOM1
  - EXISTING FLOOR TO REMAIN
  - ACCENT PAINT LOCATION
  - WALL COVERING
  - ARTIST GRAPHIC
  - NEW WALL
  - EXISTING WALL
  - KEY NOTES
  - MATERIAL TAG; REFER TO MATERIAL LEGEND FOR MORE INFORMATION
- SIGNAGE TAG**
- SIGN TYPE
  - SIGNAGE TAG
  - SIGN REFERENCE NUMBER

**1 ENLARGED PLAN - IDENTITY GALLERIES**

A401 1/4" = 1'-0"



0' 1' 2' 4' 8'  
 22X34 SHEET 1/4" = 1'-0"  
 11X17 SHEET 1/8" = 1'-0"

**3 ENLARGED PLAN - CLEAR STORY AT IDENTITY GALLERIES -ALT1**

A401 1/4" = 1'-0"



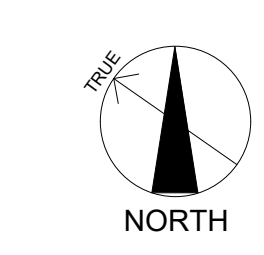
0' 1' 2' 4' 8'  
 22X34 SHEET 1/4" = 1'-0"  
 11X17 SHEET 1/8" = 1'-0"

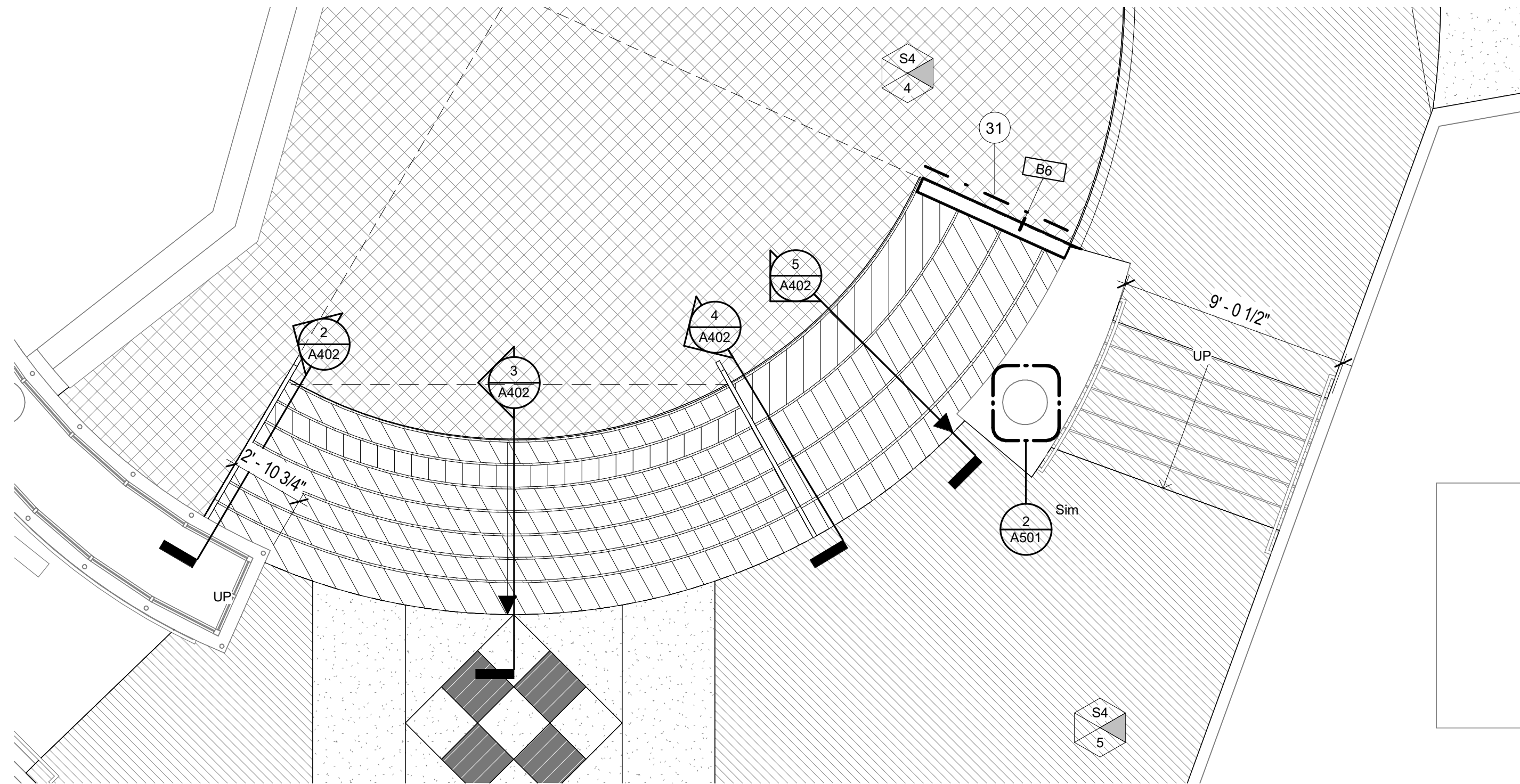
**2 WELCOME DESK**

A401 1/4" = 1'-0"

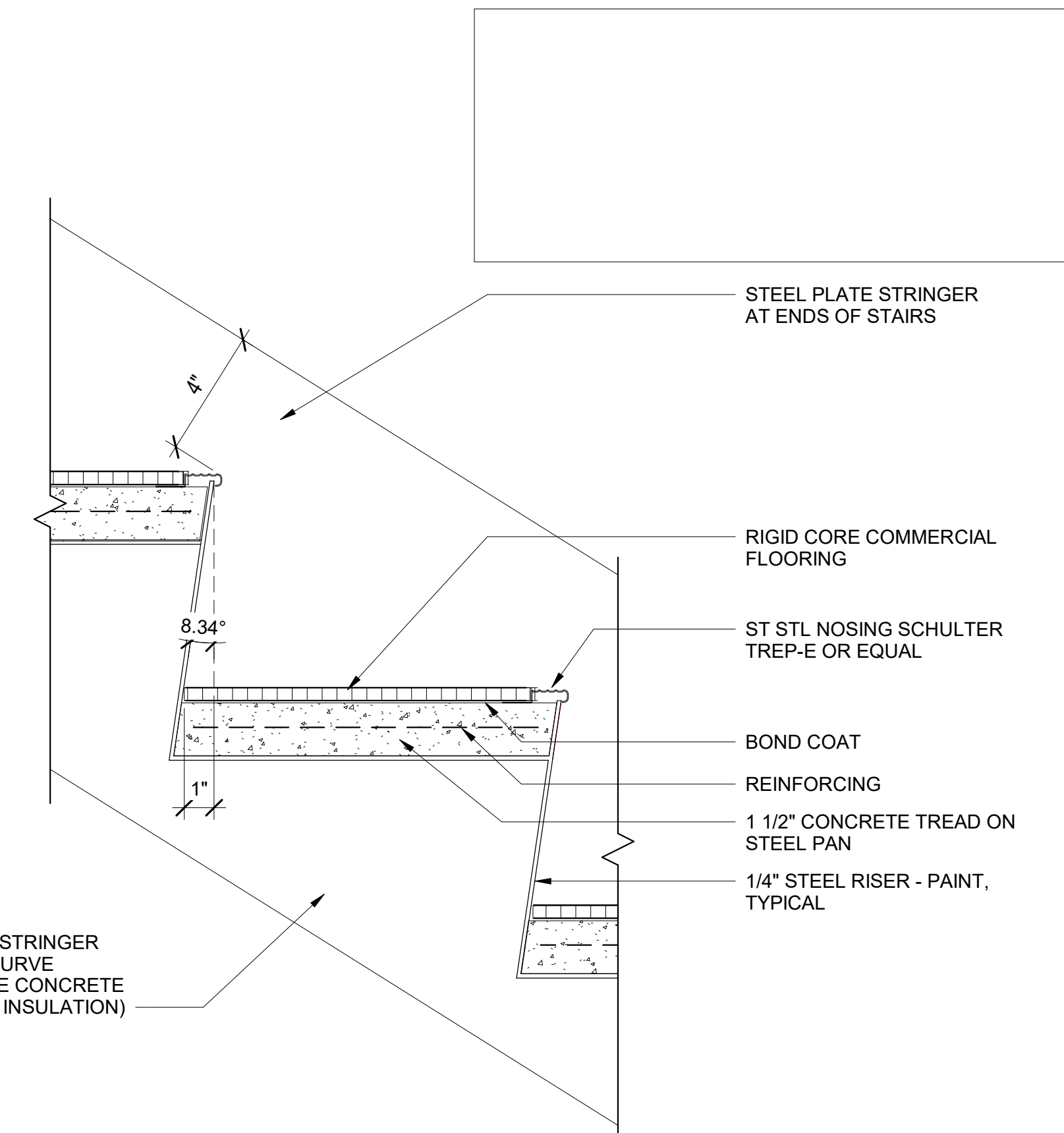


0' 1' 2' 4' 8'  
 22X34 SHEET 1/4" = 1'-0"  
 11X17 SHEET 1/8" = 1'-0"

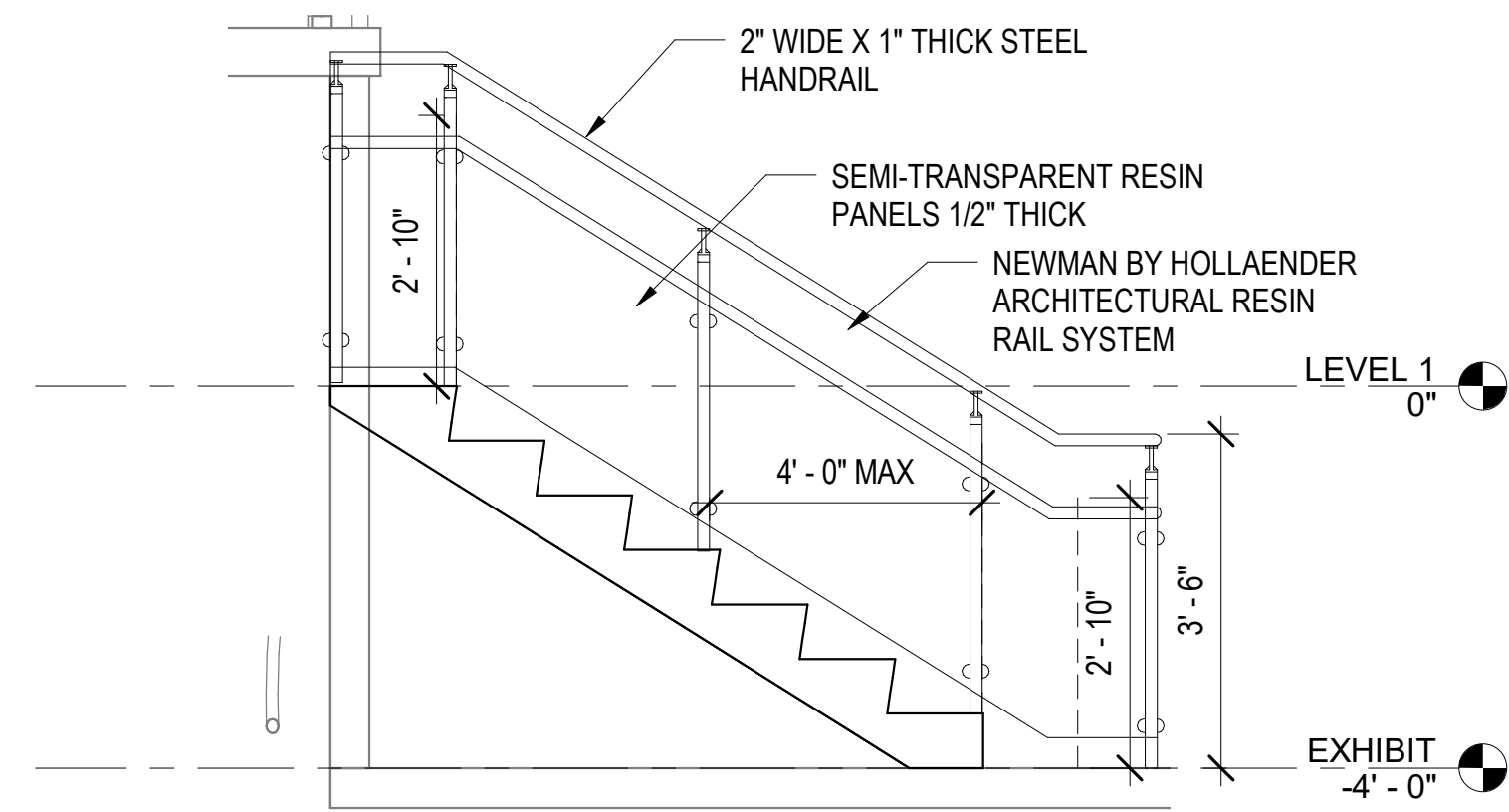




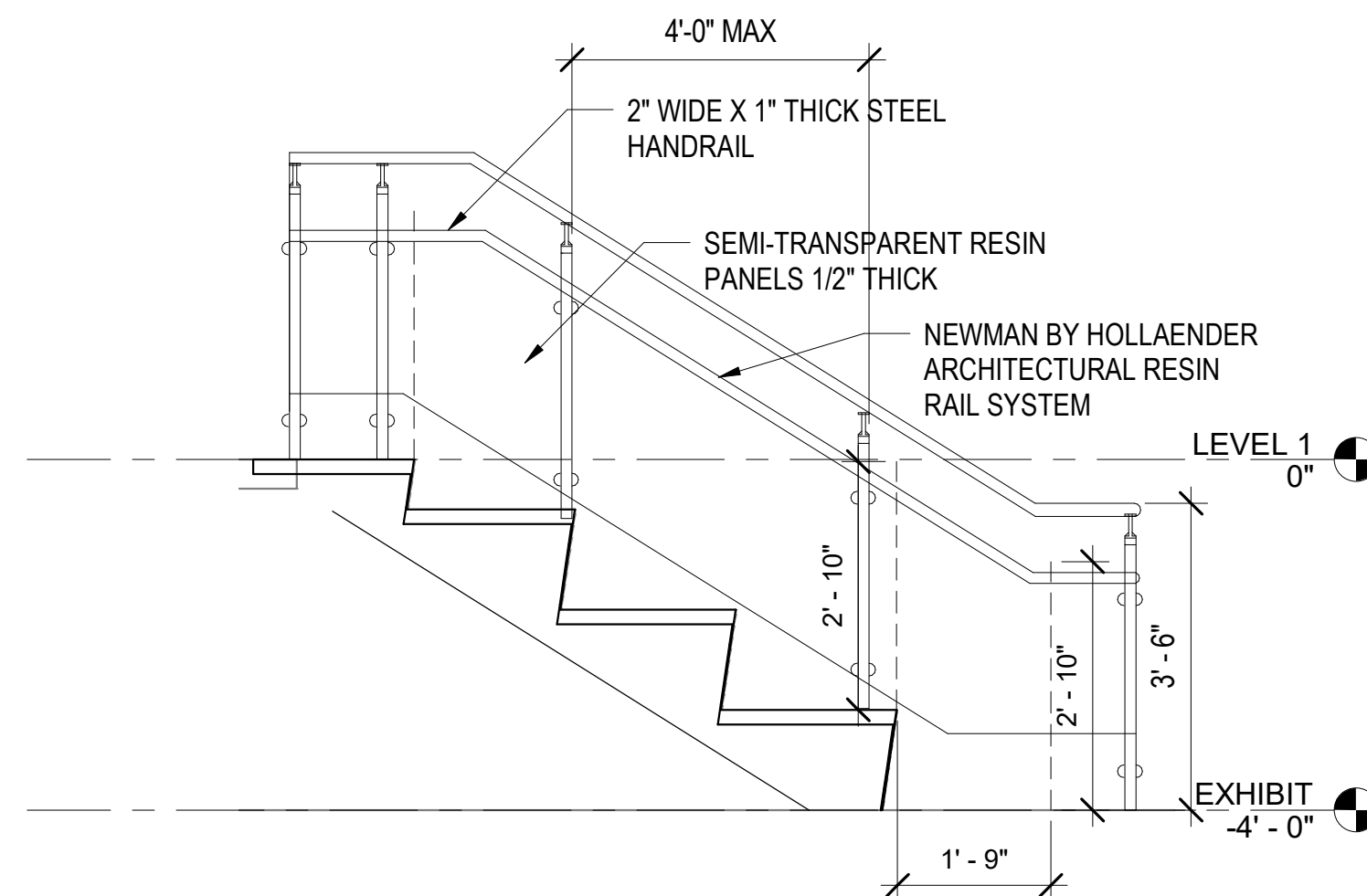
**1** LEVEL 1 - STAIR PLAN - ALT #4  
A402 1/4" = 1'-0"



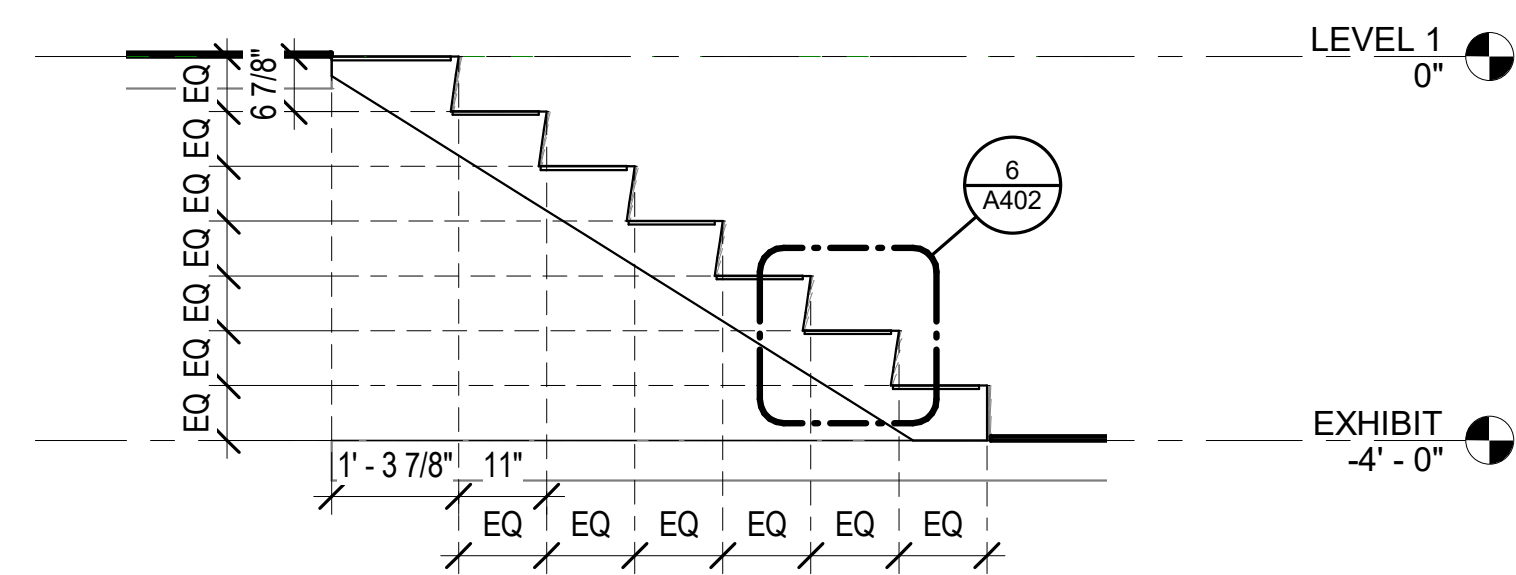
**6** STAIR DETAIL SECTION - ALT #4  
A402 3" = 1'-0"



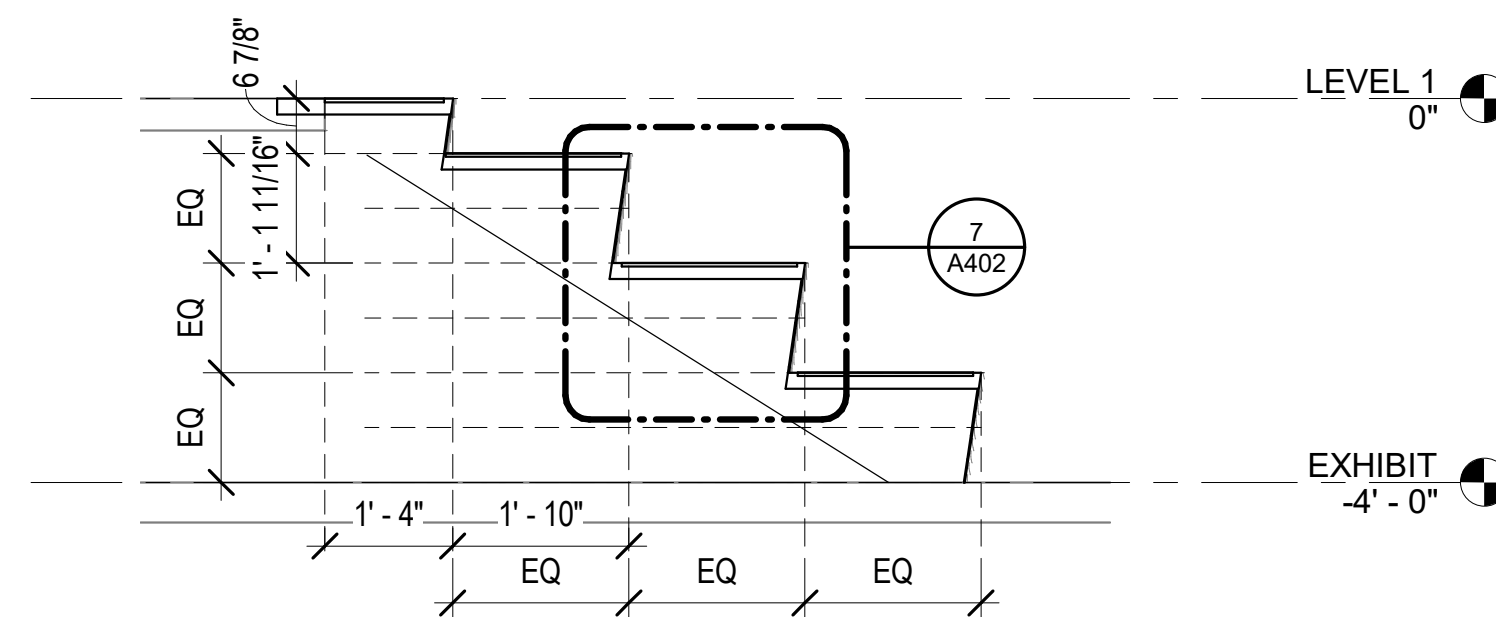
**2** HANDRAIL ELEVATION - AUDITORIUM STAIRS  
A402 1/2" = 1'-0"



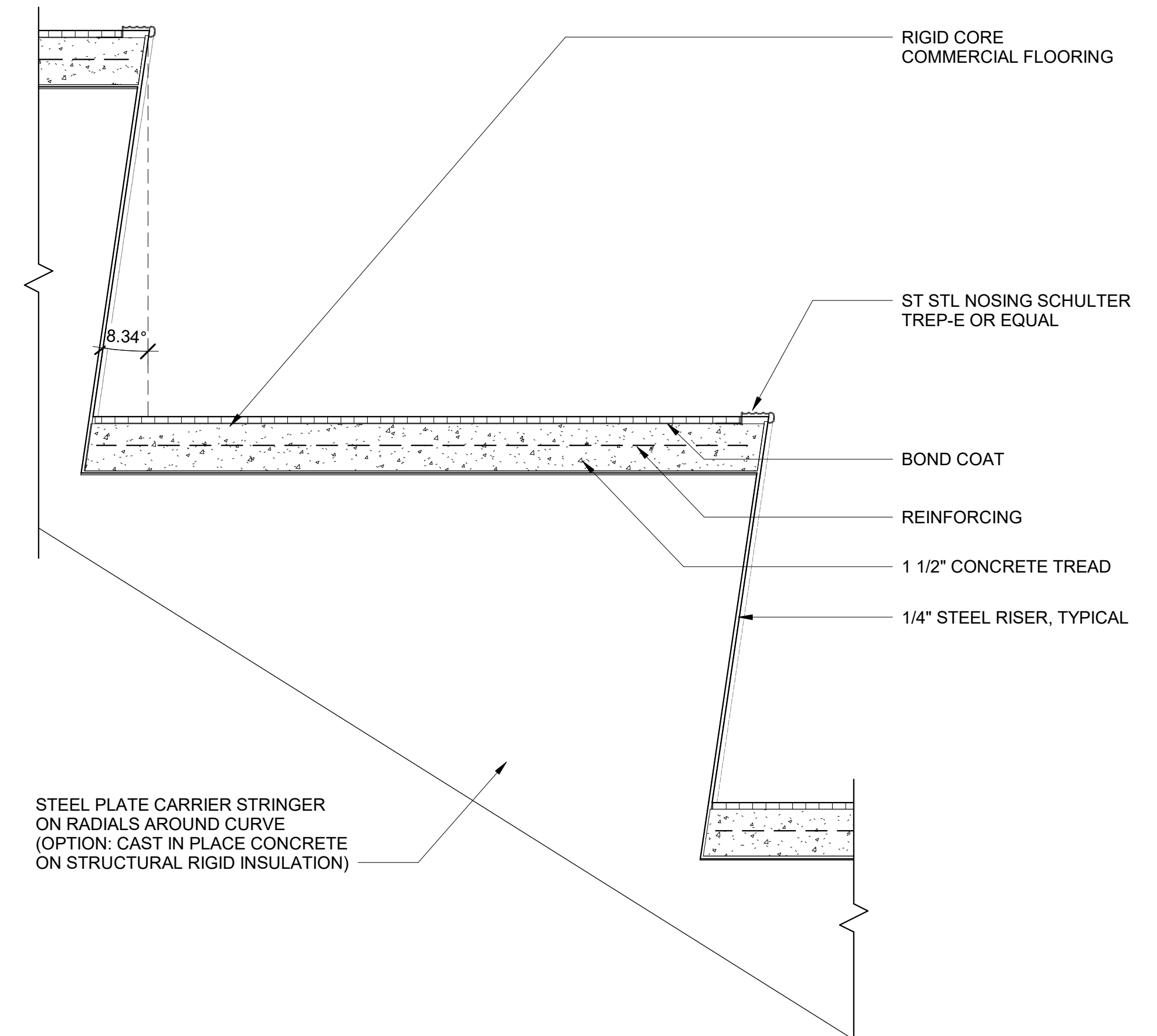
**4** HANDRAIL ELEVATION - AUDITORIUM SEATING  
A402 1/2" = 1'-0"



**3** SECTION - AUDITORIUM STAIRS  
A402 1/2" = 1'-0"

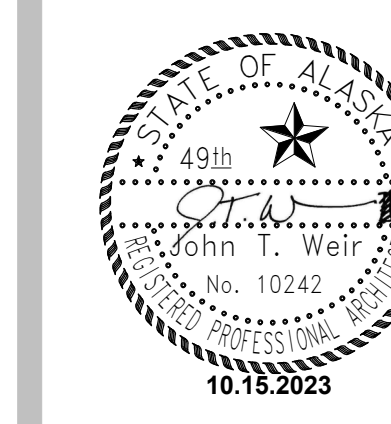


**5** SECTION - AUDITORIUM SEATING  
A402 1/2" = 1'-0"



**7** AUDITORIUM SEATING SECTION - ALT #4  
A402 3" = 1'-0"

FOR:  
SUBMITTAL  
PRICING



ANHC

**ALASKA  
NATIVE  
HERITAGE  
CENTER  
REMODEL**

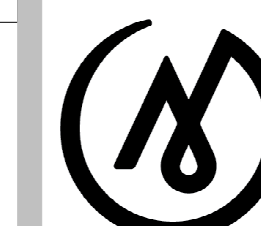
8800 Heritage Center Drive,  
Anchorage, Alaska

**BID CONSTRUCTION  
DOCUMENTS**

JOB NO.	2023014
DATE:	10.15.2023
PROJ. MGR.:	MLP
DRAWN BY:	SP
REVIEWED BY:	JTW
REVISIONS:	

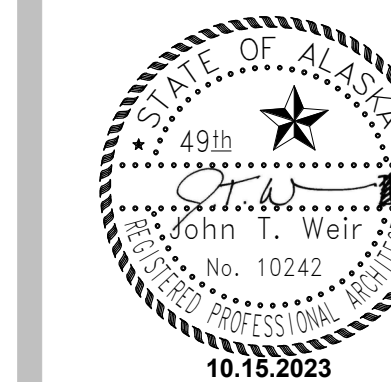
**AUDITORIUM  
STAIRS - ALT 4**

SHEET NO.  
**A402**



**MCG**  
 EXPLORE  
 DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com



ANHC

**ALASKA  
 NATIVE  
 HERITAGE  
 CENTER  
 REMODEL**

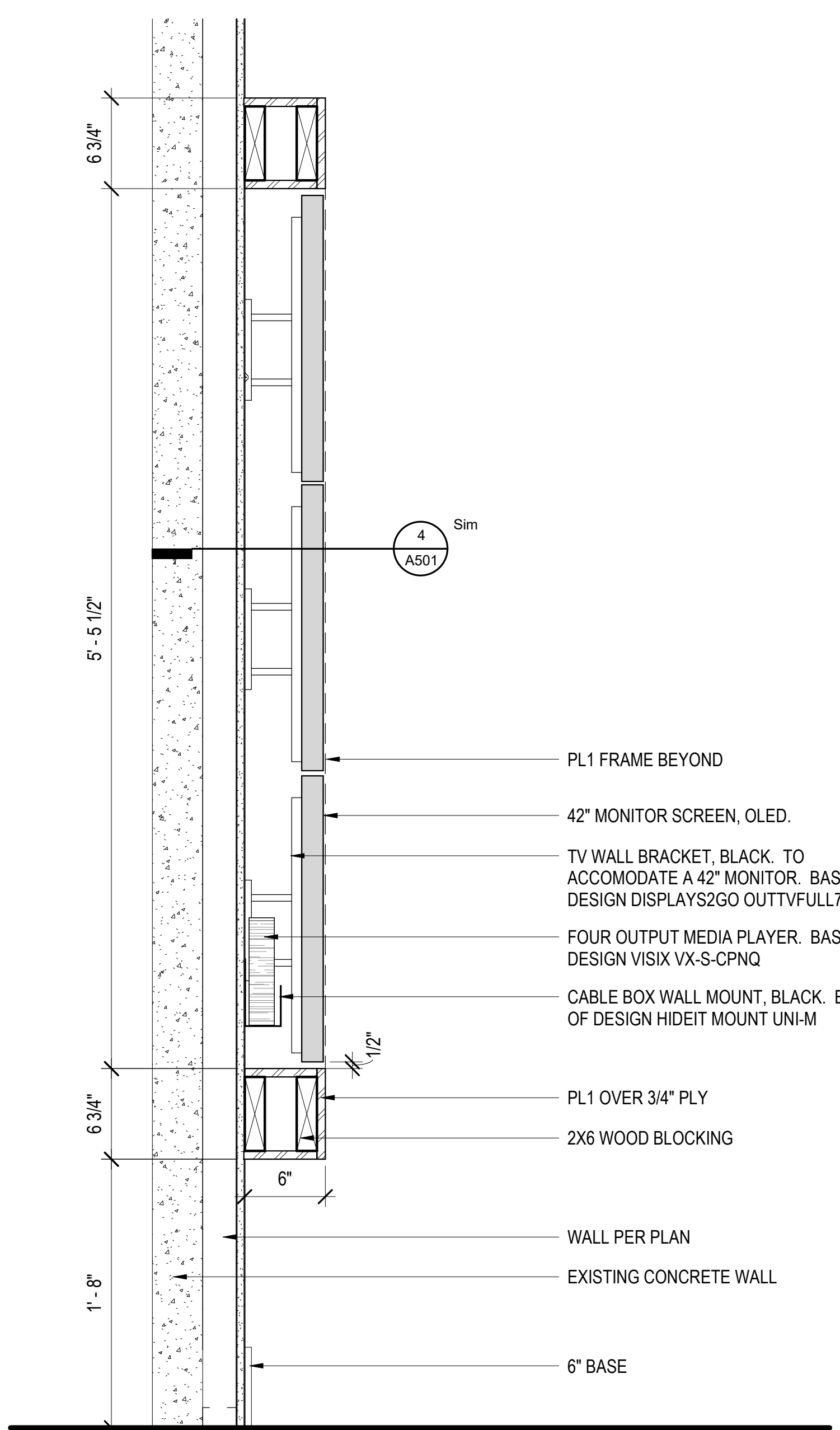
8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION  
 DOCUMENTS**

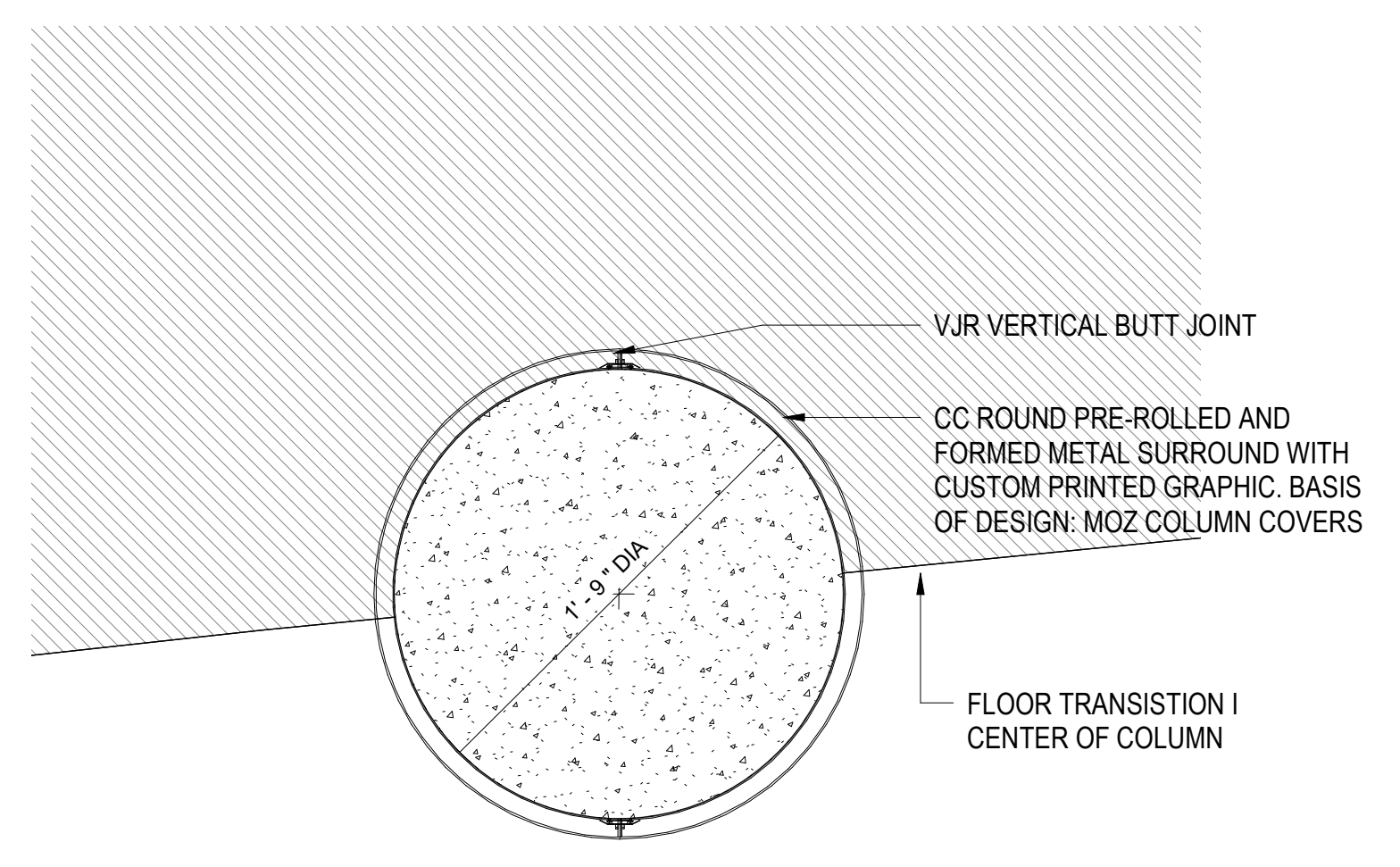
JOB NO. 2023014  
 DATE: 10.15.2023  
 PROJ. MGR.: MP  
 DRAWN BY: SP  
 REVIEWED BY: MP  
 REVISIONS:

**INTERIOR  
 DETAILS**

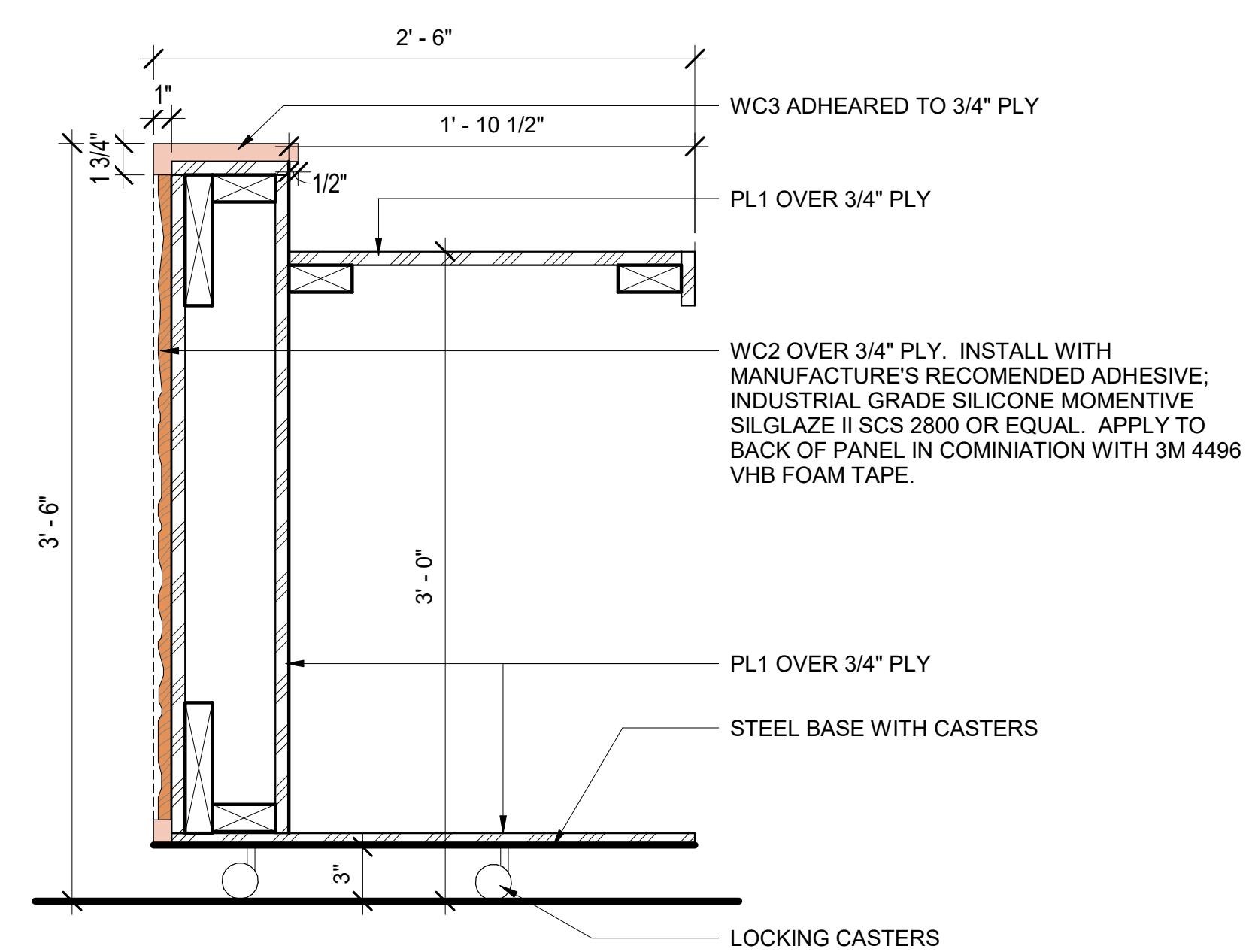
SHEET NO.  
**A501**



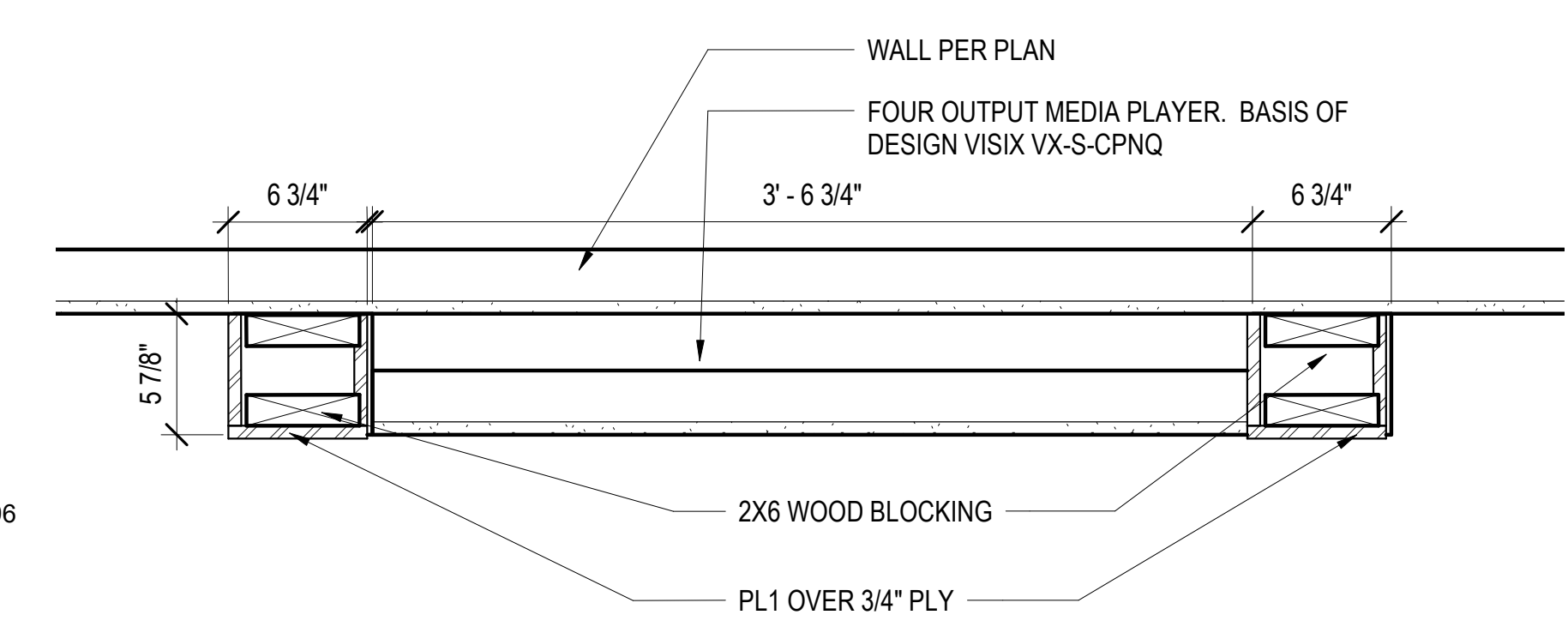
**1 WALL DISPLAY**  
 A501 1 1/2" = 1'-0"



**2 ENLARGED COLUMN DETAIL**  
 A501 1 1/2" = 1'-0"



**3 SECTION DETAIL - WELCOME DESK**  
 A501 1 1/2" = 1'-0"



**4 DISPLAY SECTION - PLAN VIEW**  
 A501 1 1/2" = 1'-0"

INTERIOR MATERIALS LEGEND								
CODE	DESCRIPTION	MANUFACTURER	STYLE	COLOR	SIZE (INCHES)	REMARKS	INSTALLATION	SUSTAINABILITY
PL1	LAMINATE	FORMICA	PLANED URBAN OAK	-	-	-	-	LEED
TR1	TRANSITION STRIP (RT TO RT)	JOHNSONITE	CD-XX-C	BEIGE 49	0.75		PER MANUFACTURER RECOMENDATIONS	LEED
TR2	TRANSITION STRIP (CPT TO RT)	JOHNSONITE	SLTC-XX-F	STEEL 179	0.25		PER MANUFACTURER RECOMENDATIONS	-
CEILING								
ACT1	ACOUSTIC CEILING TILE	ARMSTRONG	ANHS STANDARD	WHITE	24X48	-	PER MANUFACTURER RECOMENDATIONS	LEED, DELCARE
ACT2	ACOUSTIC WOOD CEILING	TURF	ARBOR	TBD	-	-	ATTACHED TO EXISTING UNISTRUT	LEED, DELCARE
FLOOR								
CPT1	CARPET TILE	MILLIKEN	CUSTOM GRAPHIC	TBD	TBD	FILE TO BE PROVIDED BY OWNER	TBD	LEED
CPT2	CARPET TILE	SHAW CONTRACT	DYELAB	CORNFLOWER	24X24	-	ASHLAR INSTALLATION	LEED, DELCARE
CPT3	FLOCKED FLOORING	FORBO	SEAGRASS	WALNUT	9X39X0.2	-	BRICK INSTALLATION METHOD: DIRECT GLUE	BREEAM / OEKO-TE
RT1	RESILIENT PLANK	SHAW CONTRACT	REGID CORE; ORIGIN	PRELUDE 38710	6X48X0.236	-	BRICK INSTALLATION METHOD: DIRECT GLUE	FLOORSCORE CERTIFIED; PVC FREE
RT2	RESILIENT PLANK	SHAW CONTRACT	REGID CORE; ORIGIN	THEORY 38140	6X48X0.236	-	BRICK INSTALLATION METHOD; DIRECT GLUE	FLOORSCORE CERTIFIED; PVC FREE
WALL								
PT1	PAINT - GENERAL (WHITE)	PPG	EGGSHELL	TOASTED ALMOND 15-26	-	-	-	LEED
PT2	PAINT - ACCENT (BEIGE)	PPG	EGGSHELL	EL CAPITAN 1020-4	-	USE EPOXY PAINT ON DOOR AND DOOR FRAMES WHERE NOTED.	-	LEED
PT3	PAINT - ACCENT (GREEN)	PPG	EGGSHELL	LIVELY IVY 11-30	-	-	-	LEED
RB1	RUBBER WALL BASE	JOHNSONITE	REVEAL MW-XX-F6	CLAY WB 09	6X0.25	-	See Tarkett Millwork Wall Finishing Systems or Chair Rail installation instructions for complete details	FLOORSCORE
WC1	WALL COVERING	MOMENTUM	WALLCOVERING WOODS	BROWN BIRCH	-	-	PER MANUFACTURER RECOMENDATIONS	LEED
WC2	CHROMA	3FORM	VELLUM	MARIENER B33	1"	-	-	LEED, DELCARE
WC3	MOLDED MDF	3FORM	PROFILE CREST	BALTIC BIRCH	-	-	-	LEED
WC4	WALL GRAPHIC	MOMENTUM	CUSTOM PHOTO	TBD	FULL WALL	FILES TO BE SUPPLIED BY OWNER	PER MANUFACTURER RECOMENDATIONS	LEED
WC5	WALL GRAPHIC	TBD	VINYL GRAHPICS	TBD	-	FILES TO BE SUPPLIED BY OWNER	-	-

INTERIOR - SIGNAGE SCHEDULE			
SIGN TYPE	SIGN ID NUMBER	LOCATION - DOOR (or room ) NUMBER	TEXT
S1L			
S1L	10	IDENTITY GALLERY 1	-
S1L	12	IDENTITY GALLERY 2	-
S1L	14	IDENTITY GALLERY 3	-
S1L	16	IDENTITY GALLERY 4	-
S1L	18	IDENTITY GALLERY 5	-
S1R			
S1R	11	IDENTITY GALLERY 1	Athabaskan
S1R	13	IDENTITY GALLERY 2	Yup'ik, and Cup'ik.
S1R	15	IDENTITY GALLERY 3	Iñupiaq St. Lawrence Island Yup'ik
S1R	17	IDENTITY GALLERY 4	Unanga & Alutiiq / Sugpiaq
S1R	19	IDENTITY GALLERY 5	Eyak, Haida, Tsimshian, Tlingit,
S2			
S2	20	EXHIBIT	Mabel W. Pike Education Center
S2	2	GATHERING/CROSSROADS ENTRANCE	Hall of Cultures
S2	8	LOBBY/GIFT SHOP ENTRANCE	Ch'k'iqadi Gallery
S2	6	RESTROOM ENTRANCE	Restrooms
S3			
S3	1	GATHERING/CROSSROADS ENTRANCE	Mabel W. Pike Education Center
S4			
S4	4	GATHERING	-
S4	3	GATHERING/CROSSROADS ENTRANCE	-
S4	9	HALL 125 ENTRANCE	-
S4	5	LOBBY	-
S4	7	RESTROOM ENTRANCE	-
Grand total: 20			

## FINISH GENERAL NOTES

### GENERAL WALL FINISHES:

- ALL GWB WALL FINISH SHALL BE PT1, UNLESS NOTED OTHERWISE.

### FLOORING:

- FLOORING TRANSITIONS AT DOORS SHALL OCCUR CENTERED WITH DOOR WHEN CLOSED, TYPICAL.

### EXPOSED STRUCTURE:

- ALL EXPOSED STRUCTURE IS TO BE PAINTED PER REFLECTED CEILING PLAN.

### DOOR:

- NON EXISTING WOOD DOORS AND FRAMES TO BE PAINTED PT2
- ALL EXISTING FRAMES TO BE PAINTED PT2, UNO

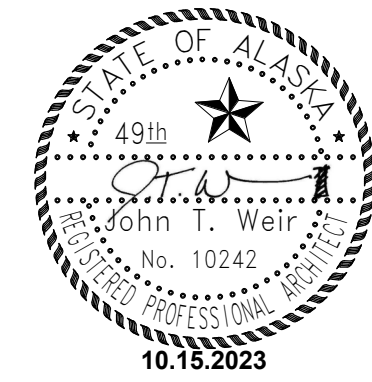
SUSTAINABILITY LEGEND		
ABV	DESCRIPTION	ADDITIONAL INFO
GG	GREEN GUARD	WWW.GREENGUARD.ORG
GG-G	GREEN GUARD GOLD	WWW.GREENGUARD.ORG
GG-S	GREEN GUARD SILVER	WWW.GREENGUARD.ORG
DECLARED	LIVING BUILDING CHALLENGE DECLARED	WWW.LIVING-FUTURE.ORG
LBC RLF	LIVING BUILDING CHALLENGE RED LIST FREE	WWW.LIVING-FUTURE.ORG
LBC RLA	LIVING BUILDING CHALLENGE RED LIST APPROVED	WWW.LIVING-FUTURE.ORG
CTC	CRADLE TO CRADLE	WWW.C2CCERTIFIED.ORG
CTC-S	CRADLE TO CRADLE SILVER	WWW.C2CCERTIFIED.ORG
CTC-G	CRADLE TO CRADLE GOLD	WWW.C2CCERTIFIED.ORG
FSC	FOREST STEARDSHIP COUNCIL	WWW.US.FSC.ORG
LEED	LEADERSHIP IN ENERGY AND ENVIORNMENTAL DESIGN - CREDIT	WWW.USGBC.ORG
MM	MINDFUL MATERIALS	WWW.MINDFULMATERIALS.COM
BB	USDA BIO BASED	WWW.BIOPREFERED.GOV

FOR:  
 • SUBMITTAL  
 • PRICING



**MCG**  
 EXPLORE  
 DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com



ANHC

**ALASKA  
 NATIVE  
 HERITAGE  
 CENTER  
 REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

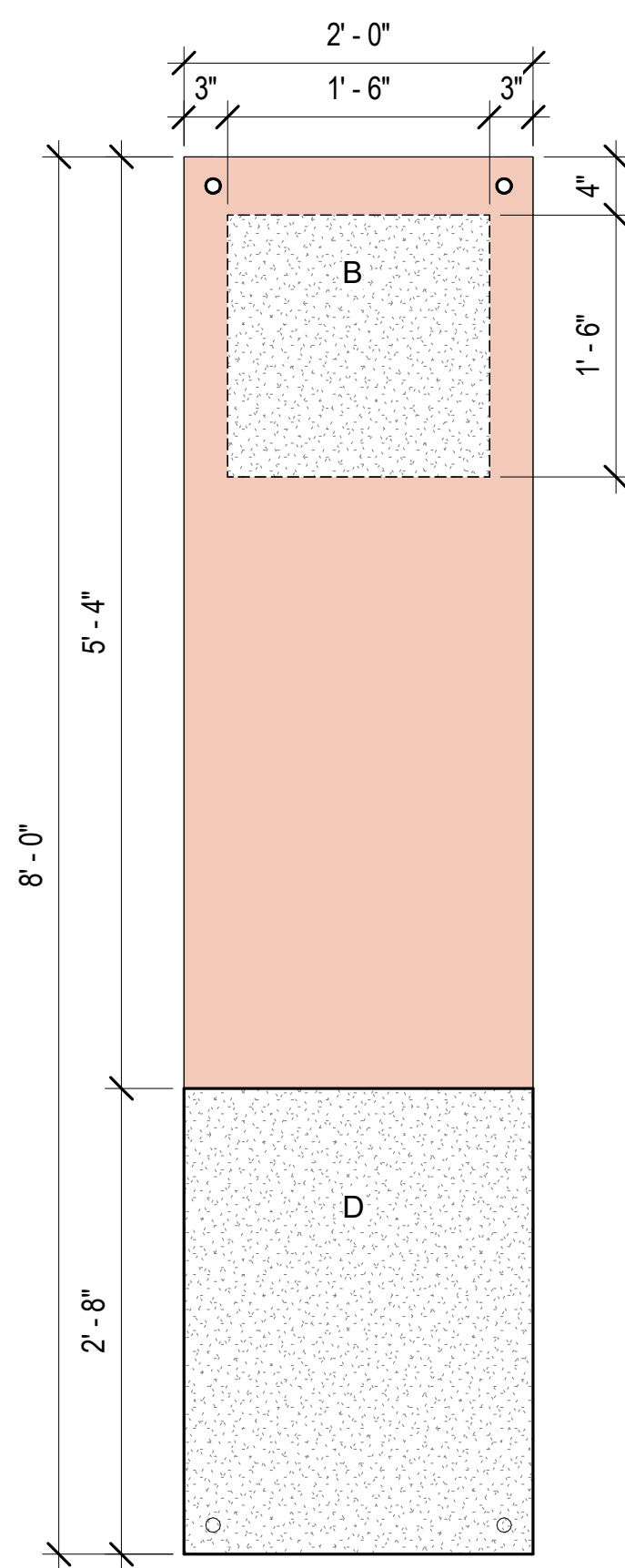
**BID CONSTRUCTION  
 DOCUMENTS**

JOB NO. **2023014**  
 DATE: **10.15.2023**  
 PROJ. MGR.: **MLP**  
 DRAWN BY: **MLP**  
 REVIEWED BY: **JTW**  
 REVISIONS:

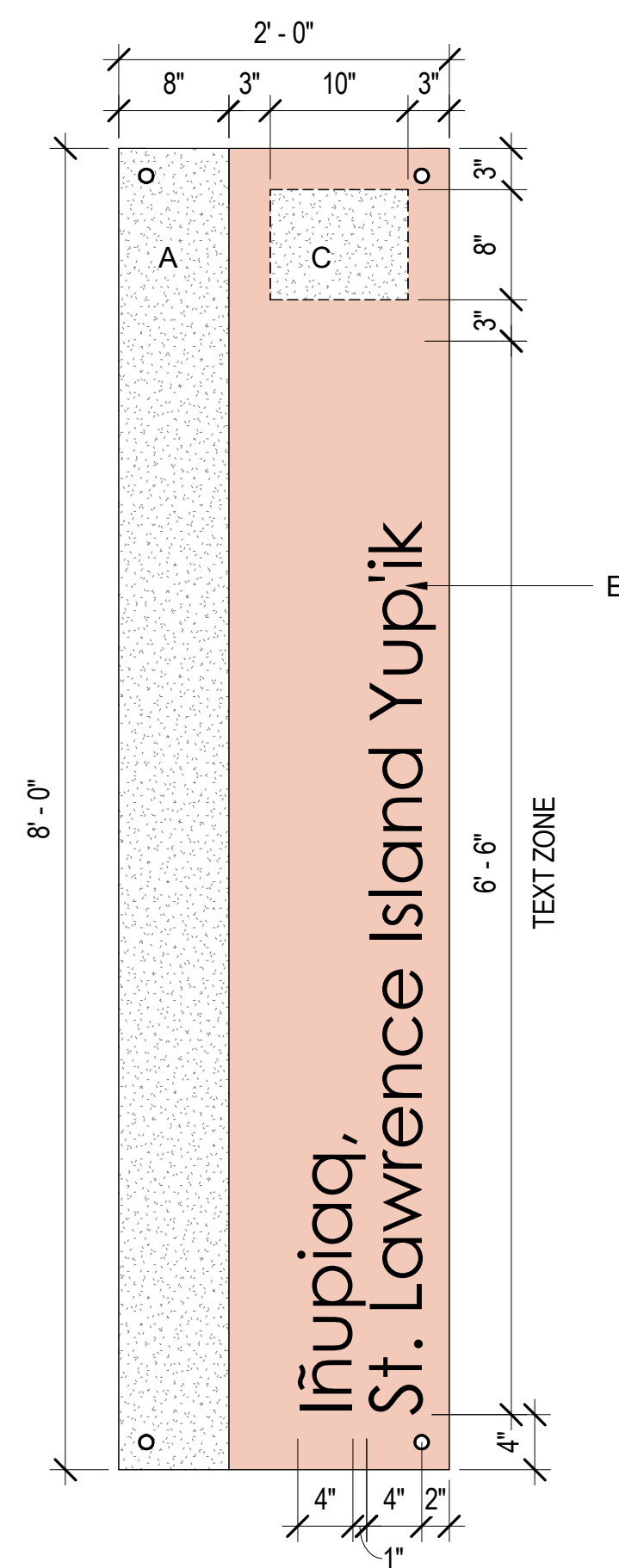
**SCHEDULES**

SHEET NO.

**A601**



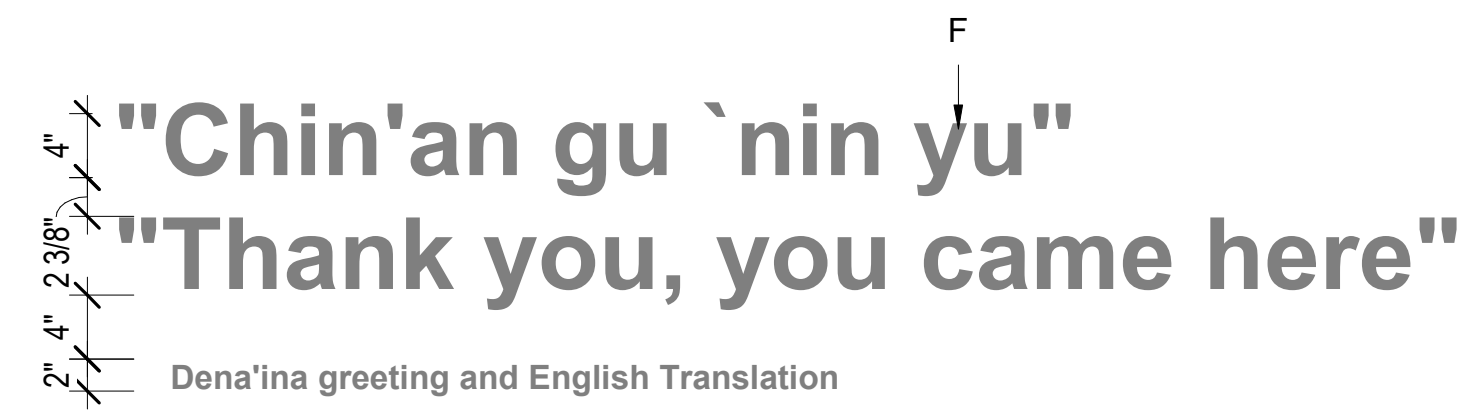
**SIGN TYPE S1L:**  
LEFT PANEL



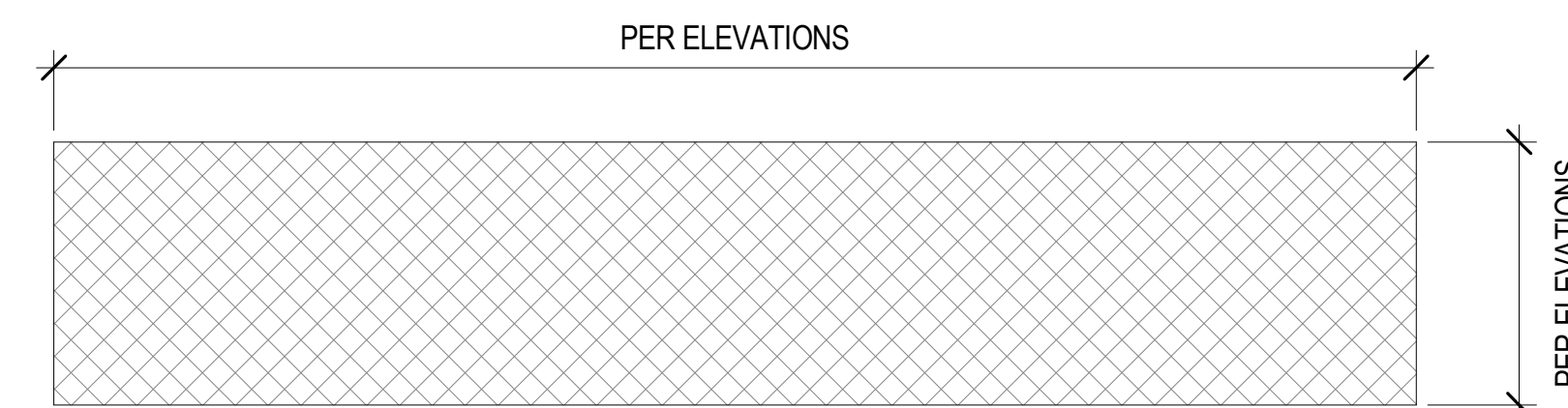
**SIGN TYPE S1R:**  
RIGHT PANEL

# RESTROOMS

**SIGN TYPE S2:**



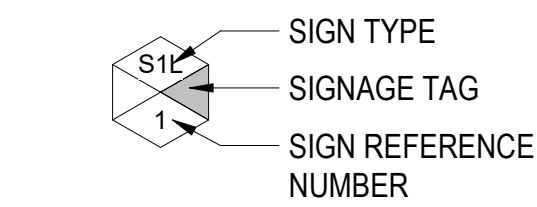
**SIGN TYPE S3:**



**SIGN TYPE S4: ARTIST GRAPHIC TBD**

## LEGEND

### SIGNAGE TAG



- SIGN TYPE
- SIGNAGE TAG
- SIGN REFERENCE NUMBER
- CUSTOM PRINTED GRAPHIC ONTO CHROMA; GRAPHICS TO BE COORDINATED WITH OWNER'S ARTISTS.
- CUSTOM PRINTED GRAPHIC ONTO WCS; GRAPHICS TO BE COORDINATED WITH OWNER'S ARTISTS.
- 3FORM CHROMA, COLOR PINK CHAMPAGNE, 1/2" THICK COUNTED WITH STAINLESS STEEL STANDOFFS.

**Copy** 3FORM DIMENSIONAL LETTERS, WALNUT 4" COPY, FONT: MYRIAD PRO SEMIBOLD

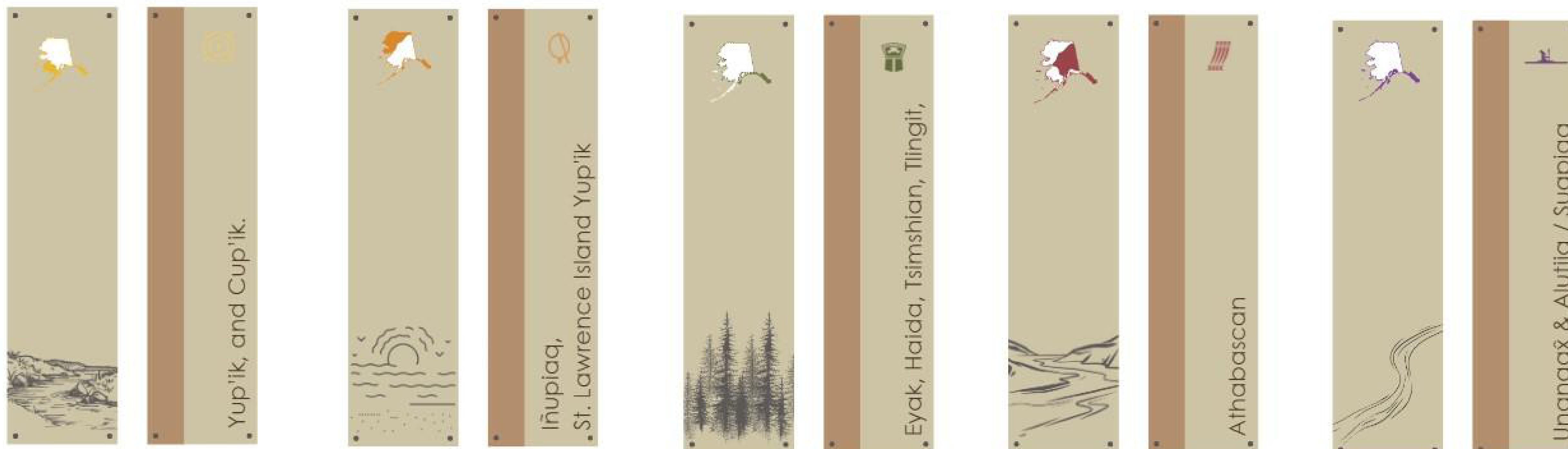
## IMAGE KEY

- A TRIBAL PATTERN
- B LOCATION MAP
- C SYMBOL
- D FINE LINE ILLUSTRATION
- E 3FORM DIMENSIONAL LETTERS, WALNUT 4" COPY, FONT: MYRIAD PRO SEMIBOLD
- F CUT VINYL LETTERS - CUSTOM COLOR TBD
- G 3FORM DIMENSIONAL LETTERS, MARINER FONT: MYRIAD PRO SEMIBOLD

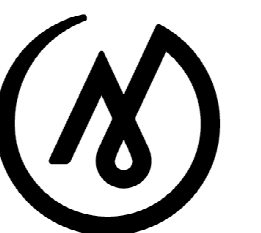
## SIGN TYPE SUMMARY

- S1: IDENTITY GALLERY
- S2: DIMENSIONAL LETTERS ALT #5
- S3: CUT VINYL LETTERS
- S4: WALL GRAPHIC PRINTED TO WCS

## SIGN TYPE S1L & S1R: DESIGN CONCEPTS

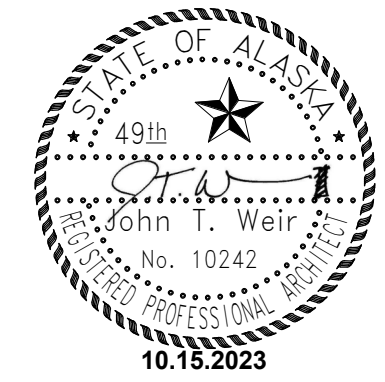


FOR:  
SUBMITTAL  
PRICING



**MCG**  
EXPLORE  
DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
exploredesign.com



ANHC

**ALASKA  
NATIVE  
HERITAGE  
CENTER  
REMODEL**

8800 Heritage Center Drive,  
Anchorage, Alaska

**BID CONSTRUCTION  
DOCUMENTS**

JOB NO. 2023014  
DATE: 10.15.2023  
PROJ. MGR.: MLP  
DRAWN BY: MLP  
REVIEWED BY: JTW  
REVISIONS:

SIGNAGE

SHEET NO.

**A602**

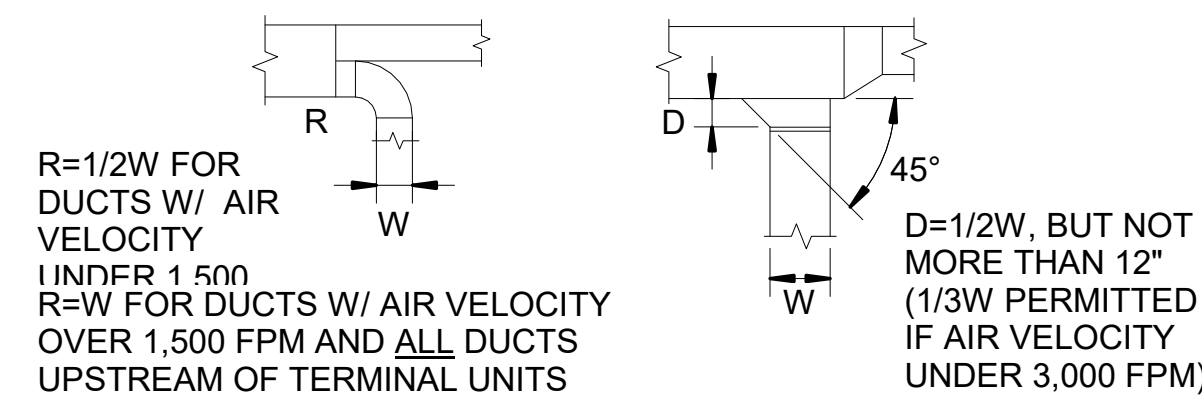
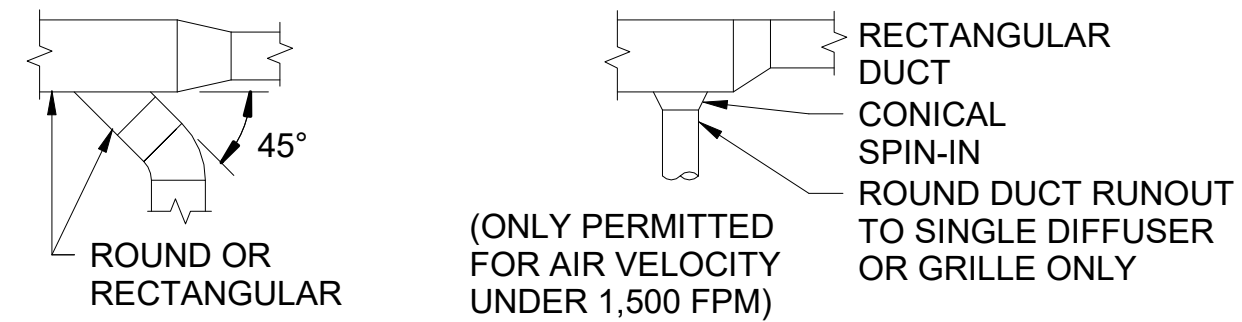


## DUCT FITTING REQUIREMENTS

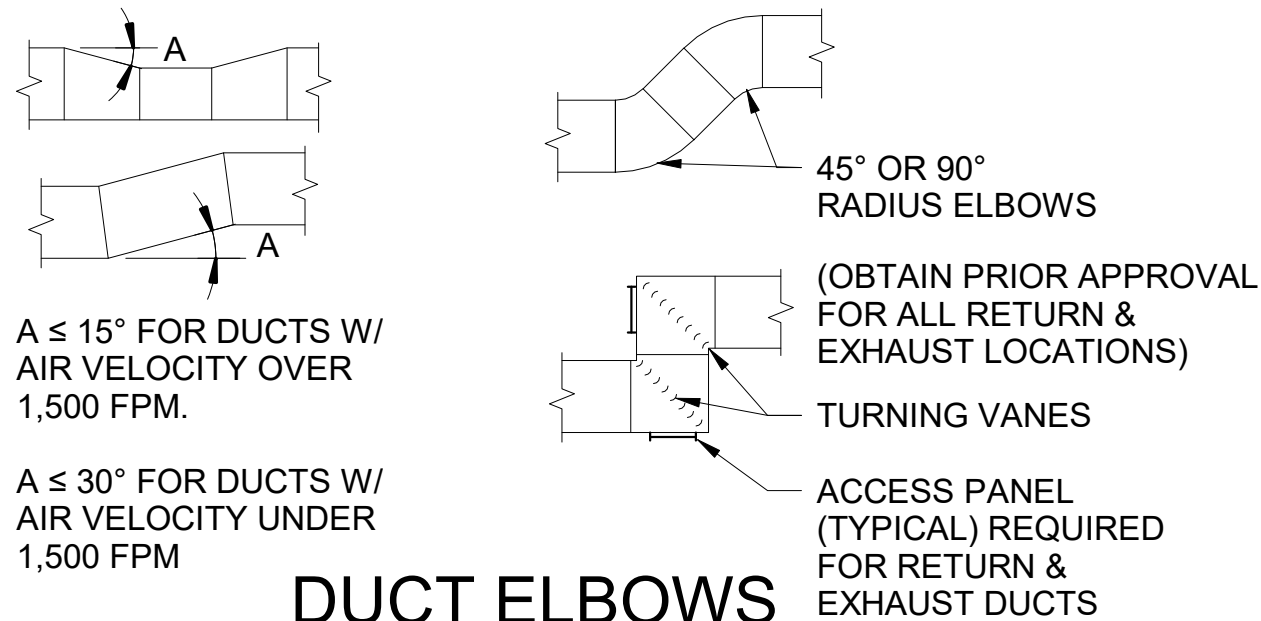
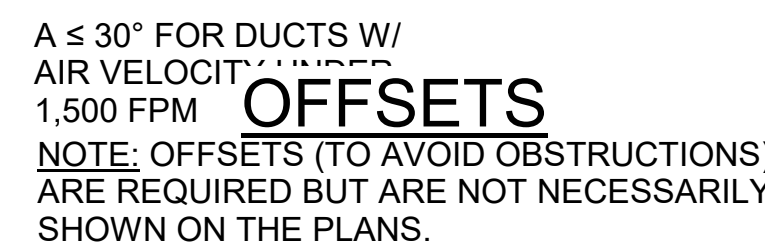
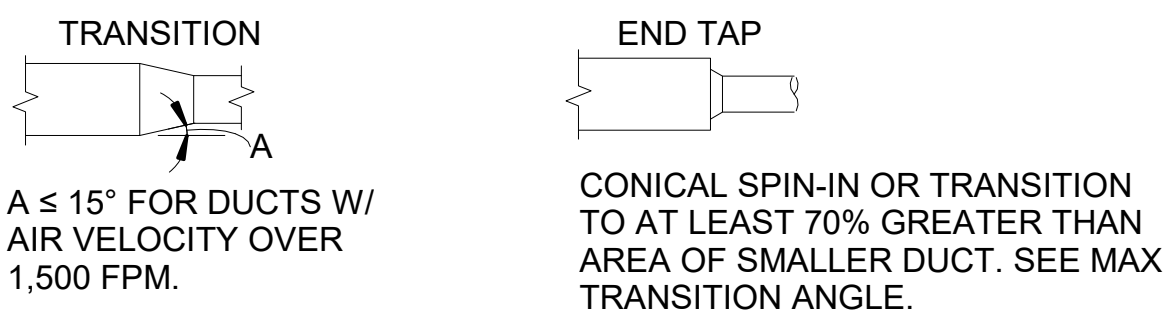
THE FOLLOWING DUCT FITTINGS ARE CONSIDERED ACCEPTABLE. THE CONTRACTOR SHALL OBTAIN ENGINEER'S APPROVAL FOR OTHER FITTINGS PRIOR TO FABRICATION. ONLY FITTINGS WITH EQUAL OR LOWER PRESSURE DROP WILL BE CONSIDERED.

(PERMITTED DUCT FITTINGS)

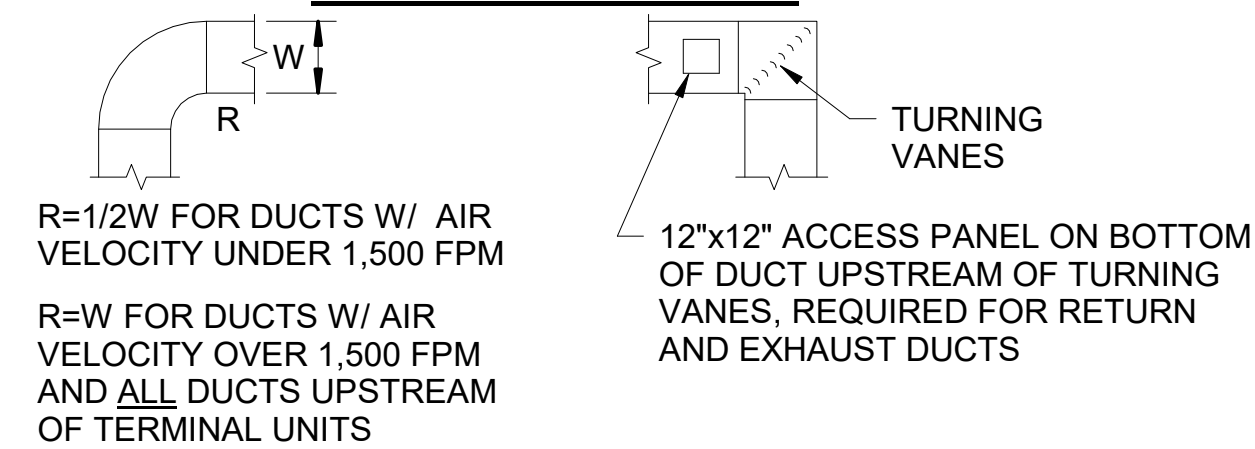
### BRANCH DUCT TAKEOFFS



### CHANGE OF DUCT SIZE



### DUCT ELBOWS



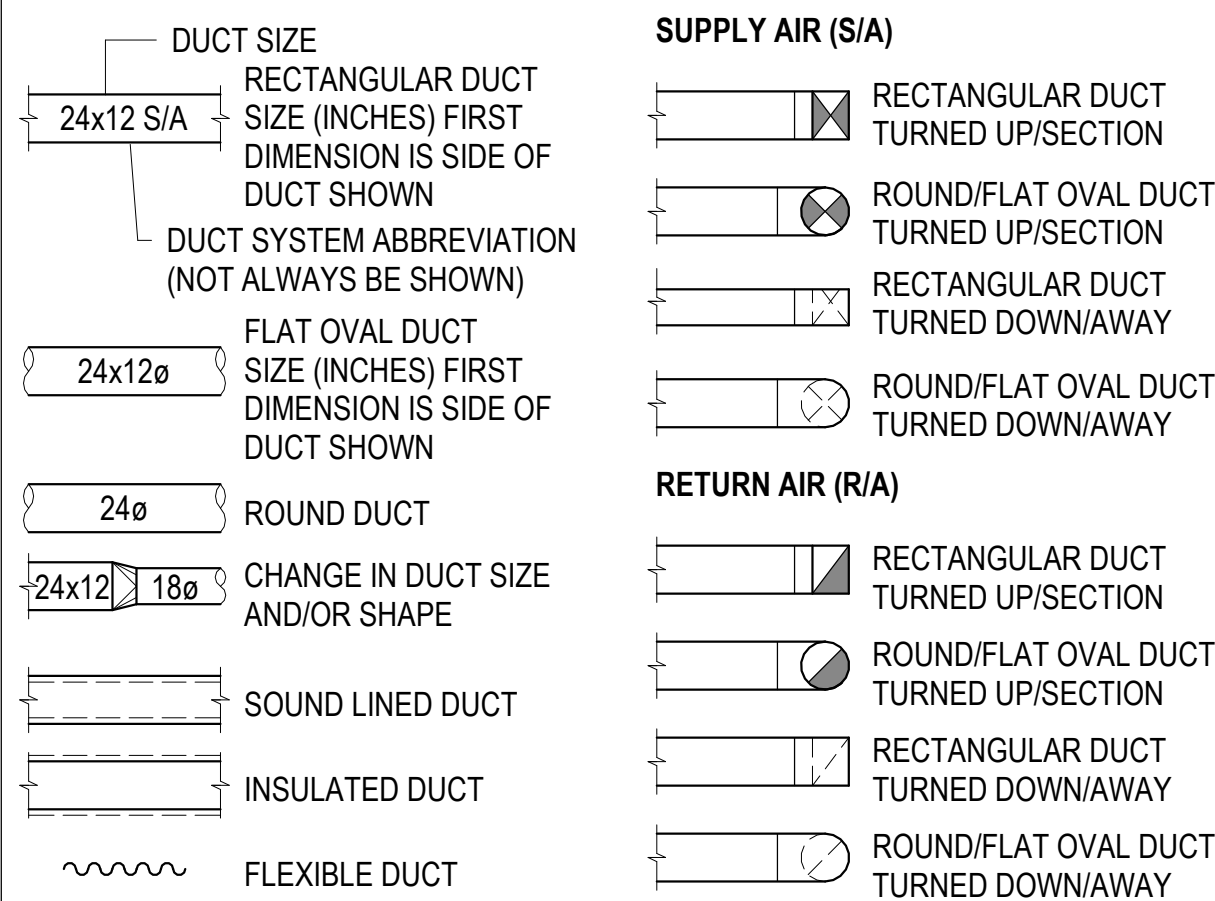
## HVAC SYMBOLS LEGEND

	AIR FLOW OUT		SUPPLY AIR (S/A) TERMINAL		DUCT MOUNTED DIFFUSER, REGISTER or GRILLE (SUPPLY, RETURN or EXHAUST)
	AIR FLOW IN		RETURN AIR (R/A) TERMINAL		DRUM LOUVER (SUPPLY)
	THERMOSTAT		EXHAUST AIR (E/A) TERMINAL		WALL MOUNTED DIFFUSER, REGISTER or GRILLE (SUPPLY, RETURN or EXHAUST)
	HUMIDISTAT		LINEAR SLOT DIFFUSER		
	SWITCH		FLEX DUCT OR FLEX PIPE		
	CO2 SENSOR		UNIT HEATER (HORIZONTAL)		UNIT HEATER (VERTICAL)
	CO SENSOR		VAV IDENTIFICATION		
	NOX SENSOR		BASEBOARD IDENTIFICATION		
	BASEBOARD IDENTIFICATION		HEATING COIL		
	DIFFUSER IDENTIFICATION		BASEBOARD W/ COVER		
	HEATING COIL				
	INDICATES OUTLINE OF HVAC, RADIANT HEATING ZONE, OR SNOW MELT ZONE				

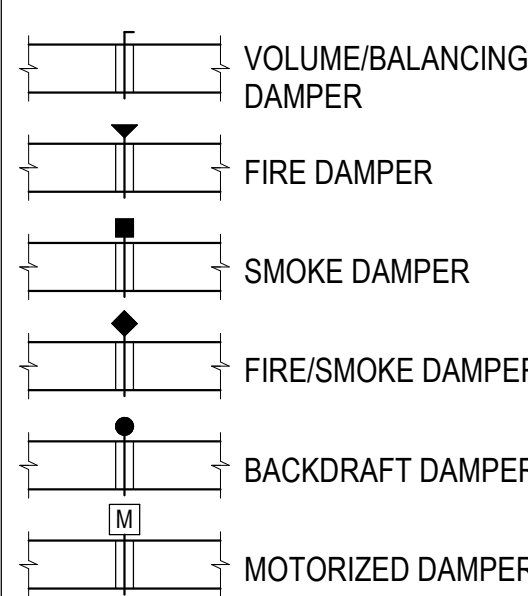
## DUCTWORK LEGEND

### DUCTWORK

DUCT SIZES SHOWN ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS OF DUCT. DUCT SIZE SHOWN DOES NOT INCLUDE INSULATION OR LINING UNLESS NOTED OTHERWISE. SEE BELOW FOR DUCT SIZE TAG LEGEND.



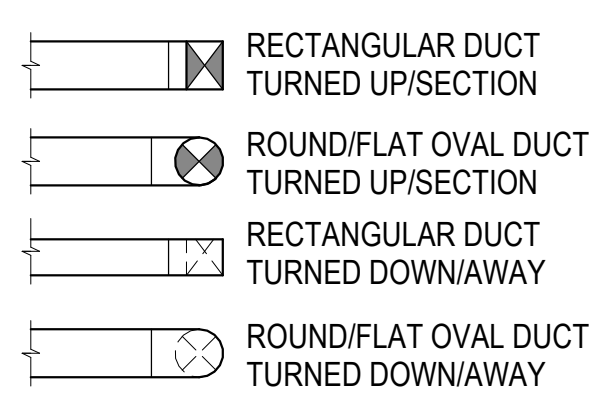
### DAMPERS



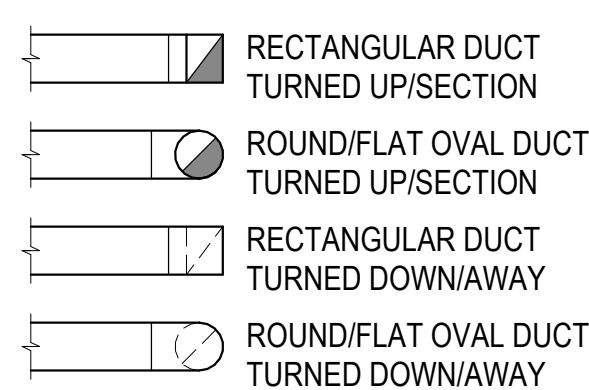
### DUCT SYSTEM ABBREVIATIONS

S/A	SUPPLY AIR
O/A	OUTSIDE AIR
R/A	RETURN AIR
T/A	TRANSFER AIR
E/A	EXHAUST AIR

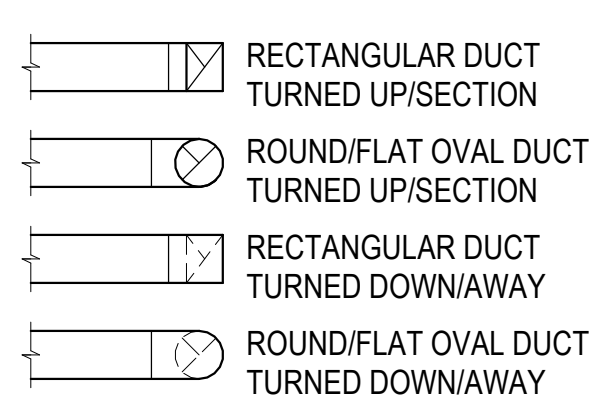
### SUPPLY AIR (S/A)



### RETURN AIR (R/A)



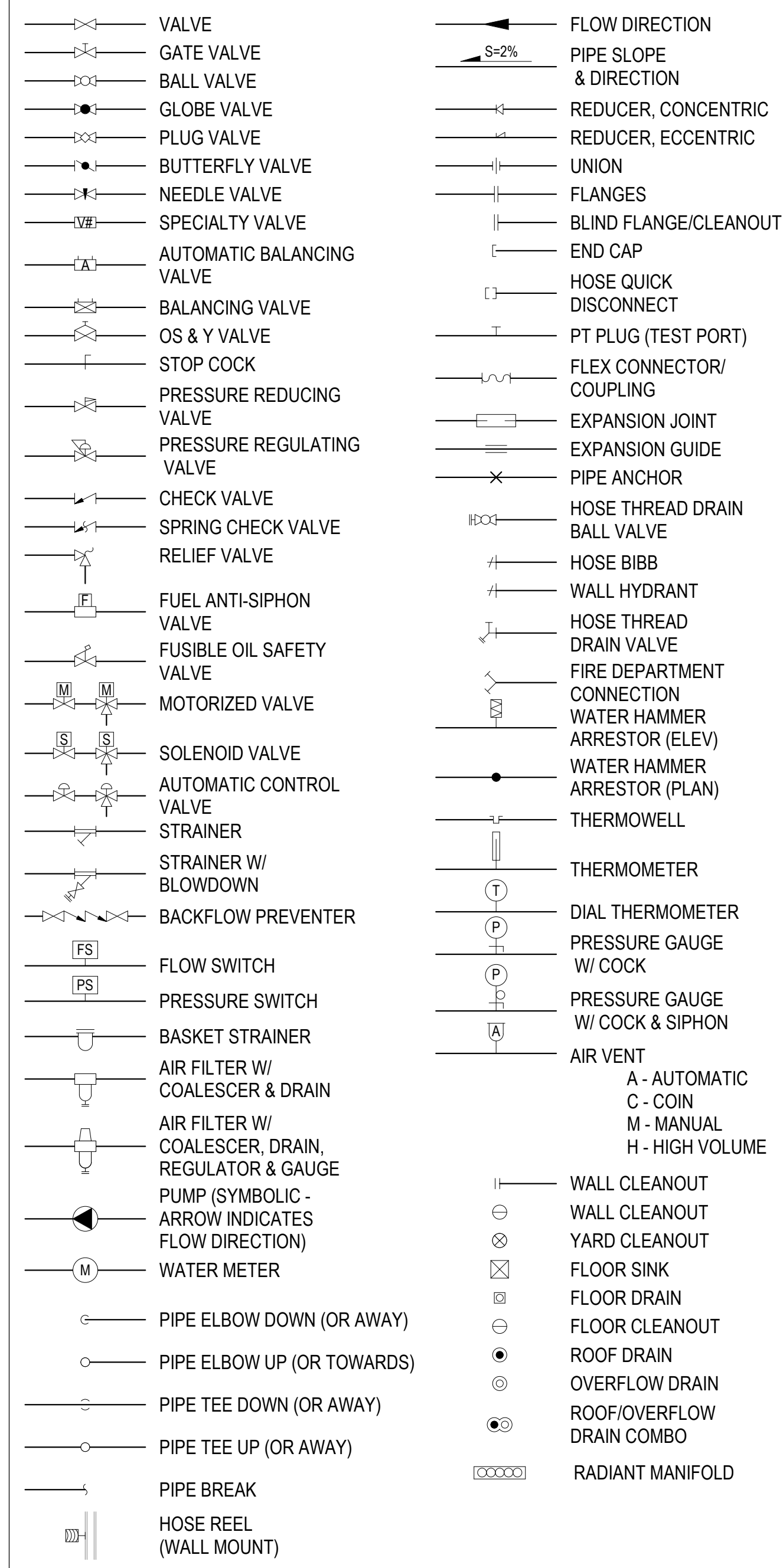
### EXHAUST AIR (E/A)



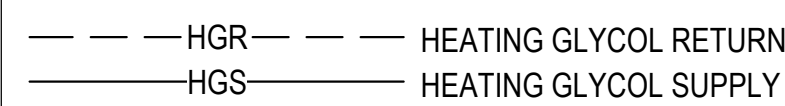
### DUCT SYMBOLS



## PIPING SYMBOLS LEGEND



## PIPING LEGEND



## GENERAL

### NOTES:

XX> SPECIFIC TO LOCATION INDICATED.

1. NOTE APPLIES TO ENTIRE SHEET.

XX-X UNDERLINED DESIGNATOR HAS SCHEDULED VALUES. SEE MECHANICAL SCHEDULES.

### LINETYPES

	EXISTING (THIN)
	NEW (MEDIUM)
	EXISTING
	NEW
	CONNECT TO EXISTING

## MECHANICAL SCOPE OF WORK

- CONTRACTOR TO DEMOLISH EXISTING PLUMBING FIXTURES, PIPING, AND ALL ASSOCIATED ITEMS IN (EXISTING) ARTIST LOFT 1, 2, 3, 4, AND 5. CONTRACTOR TO DEMOLISH FIXTURES, COLD WATER, HOT WATER, HOT WATER CIRC, WASTE, AND VENT TO BELOW SLAB AND CAP.
- CONTRACTOR TO DEMOLISH EXISTING BASEBOARD IN (NEW) IDENTITY GALLERY 1, 2, 3, 4, AND 5 AND PREPARE THE EXISTING 3/4" HEATING GLYCOL SUPPLY AND RETURN PIPES FOR NEW BASEBOARD AND CONNECTIONS.
- CONTRACTOR TO DEMOLISH EXHAUST FAN, EXHAUST GRILLES, AND ALL EXHAUST DUCTWORK SERVING RESTROOMS TO BE DEMOLISHED. THIS INCLUDES BUT MAY NOT BE LIMITED TO EXHAUST FAN EF-3 IN MENS 148, WOMENS 150, LOCKER ROOM 151, AND LOCKER ROOM 147. CONTRACTOR TO DEMOLISH DUCTWORK UP TO CURB AND DEMOLISH ROOF HOOD.
- CONTRACTOR TO DEMOLISH EXISTING SUPPLY GRILLES AND DUCTWORK IN LIBRARY, MENS 148, WOMENS 150, LOCKER ROOM 151, AND LOCKER ROOM 147 DOWNSTREAM OF HC-22 AND HC-25. EXISTING HEATING COILS HC-22 AND HC-25 ARE TO REMAIN. CONTRACTOR TO PROVIDE NEW SUPPLY DUCTWORK, SUPPLY GRILLES AND FLEXIBLE DUCTWORK.
- CONTRACTOR TO DEMOLISH ALL PLUMBING FIXTURES, PIPING, AND ALL ASSOCIATED ITEMS SERVING MENS 148, WOMENS 150, LOCKER ROOM 151, AND LOCKER ROOM 147. CONTRACTOR TO DEMOLISH FIXTURES, COLD WATER, HOT WATER, HOT WATER CIRC, WASTE, AND VENT. DEMOLISH PLUMBING AS REQUIRED TO SERVE NEW CONVERTED USE IN THE AREA. CAP AND PERMANENTLY SEAL REMAINING PRESSURE PIPING. UNDERFLOOR PIPING TO BE DEMOLISHED TO BELOW SLAB, CAPPED, AND ABANDONED-IN-PLACE.
- REPLACE EXISTING FAILED HUMIDIFIERS ON (E) AHU-1 AND (E) AHU-2. DEMOLISH AND DISCARD EXISTING HUMIDIFIERS AND REPLACE WITH NEW UNITS OF SIMILAR SIZE AND SERVICE AS SHOWN ON DRAWINGS.
- INTEGRATE NEW BASEBOARDS INTO EXISTING CONTROLS FOR A COMPLETE AND FUNCTIONAL SYSTEM.
- TEST, ADJUST, AND BALANCE MECHANICAL SYSTEMS TO FLOWS INDICATED IN DRAWINGS. TAB CONTRACTOR TO BE TABB OR NEBB CERTIFIED AND CONDUCT WORK IN ACCORDANCE WITH INDUSTRY STANDARDS.

### \* NOTE \*

NOT ALL ABBREVIATIONS, SYMBOLS, OR LEGEND ITEMS SHOWN ON THIS SHEET WILL APPEAR IN THIS SET OF DRAWINGS

F O R :

• SUBMITTAL

• PRICING



**MCG EXPLORE DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
exploredesign.com



100 F Street  
Anchorage, AK 99501  
ph 907.276.6664  
www.coffman.com



Owner

**ALASKA NATIVE HERITAGE CENTER REMODEL**

8800 Heritage Center Drive,  
Anchorage, Alaska

**BID CONSTRUCTION DOCUMENTS**

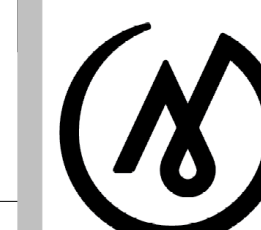
JOB NO.	231248
DATE:	10.15.2023
PROJ. MGR.:	DCN
DRAWN BY:	CDH
REVIEWED BY:	BLL
REVISIONS:	

**MECHANICAL LEGEND AND ABBREVIATIONS**

SHEET NO.

**M-001**

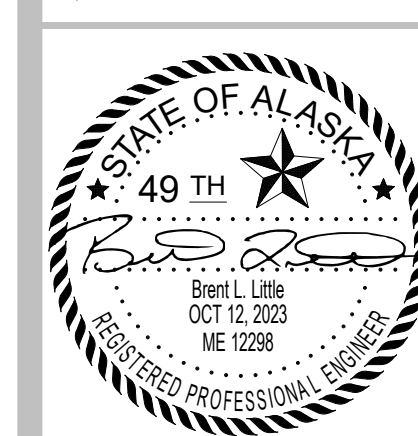
F O R:  
 ● SUBMITTAL  
 ○ PRICING



**MCG**  
**EXPLORE**  
**DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com

**COFFMAN**  
**ENGINEERS**



Owner

**ALASKA**  
**NATIVE**  
**HERITAGE**  
**CENTER**  
**REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION**  
**DOCUMENTS**

JOB NO. 231248  
 DATE: 10.15.2023  
 PROJ. MGR.: DCN  
 DRAWN BY: CDH  
 REVIEWED BY: BLL  
 REVISIONS:

**MECHANICAL**  
**DEMOLITION**  
**FLOOR PLAN -**  
**AREA B**

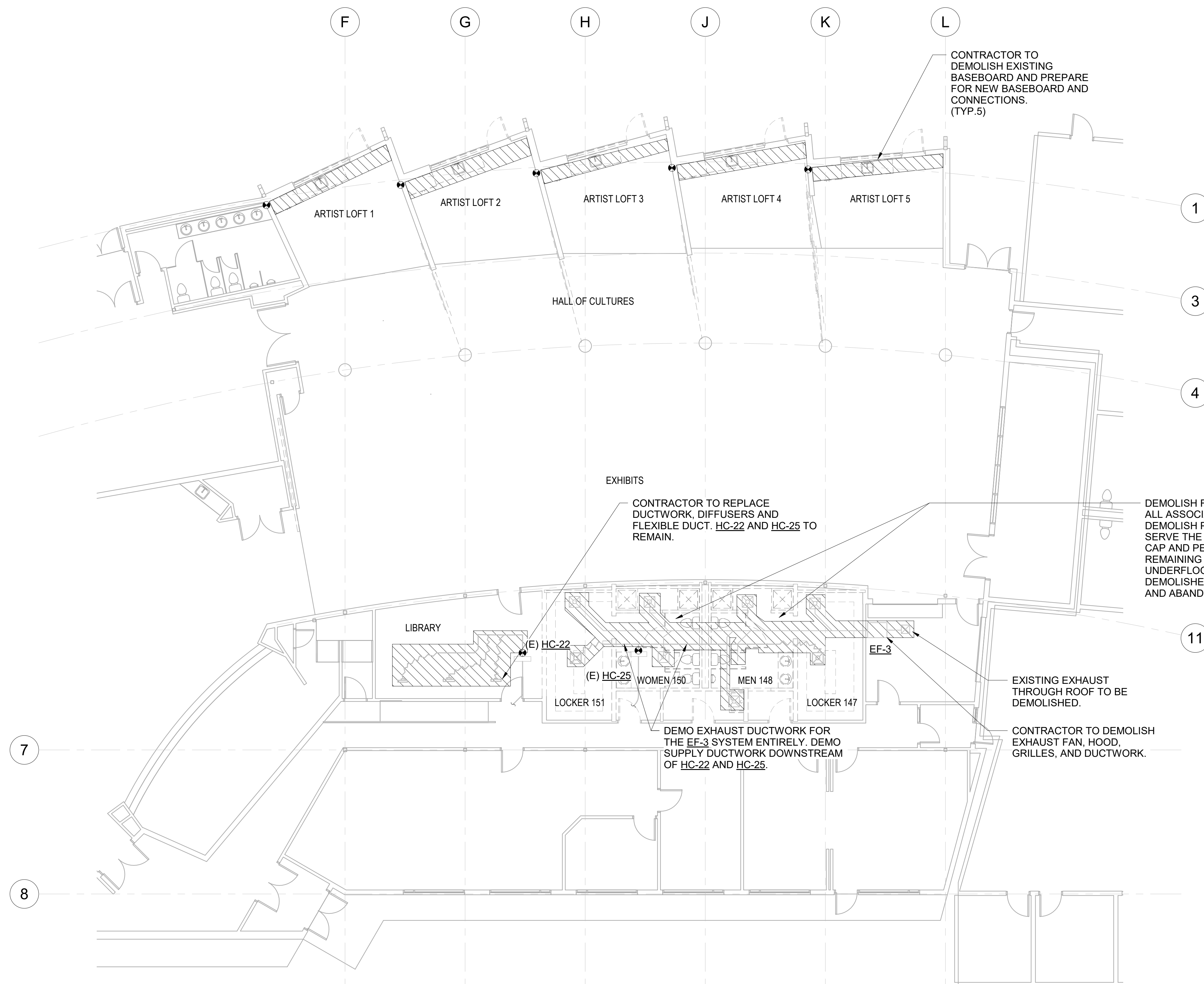
SHEET NO.

**MD-102**

SPACE RESERVED FOR MOA PERMIT STAMP

**GENERAL NOTES**

1. NOT ALL EXISTING EQUIPMENT IS SHOWN.
2. DEMOLISH SINK AND PLUMBING PIPING IN ARTIST STUDIOS. CAP PIPING BEHIND FINISHES AND ABANDON IN PLACE.
3. ALL MECHANICAL SYSTEMS TO REMAIN IN PLACE AND FUNCTIONAL UNLESS NOTED OTHERWISE.



CONTRACTOR TO DEMOLISH EXISTING BASEBOARD AND PREPARE FOR NEW BASEBOARD AND CONNECTIONS. (TYP.5)

CONTRACTOR TO REPLACE DUCTWORK, DIFFUSERS AND FLEXIBLE DUCT. HC-22 AND HC-25 TO REMAIN.

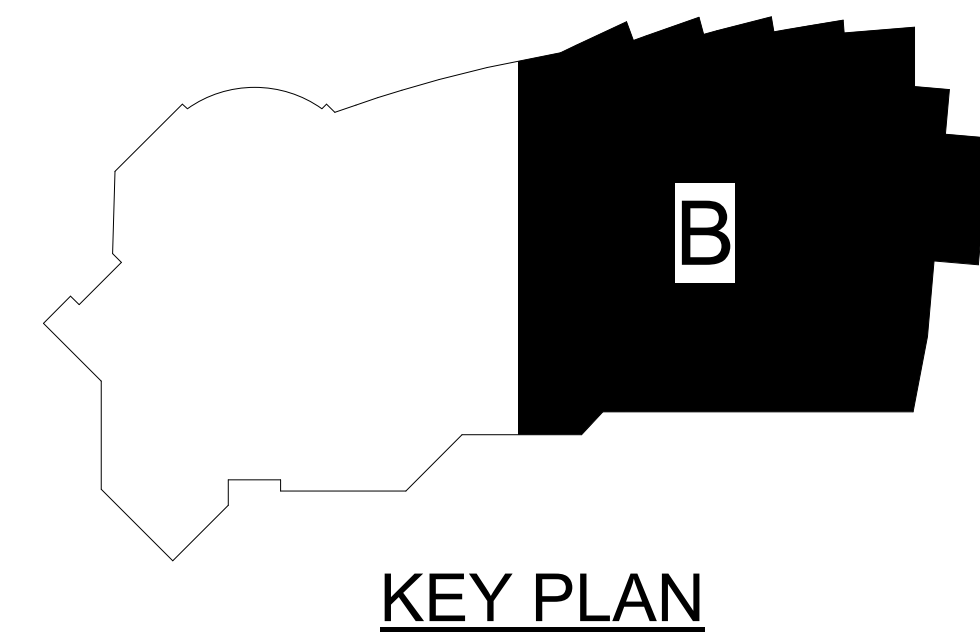
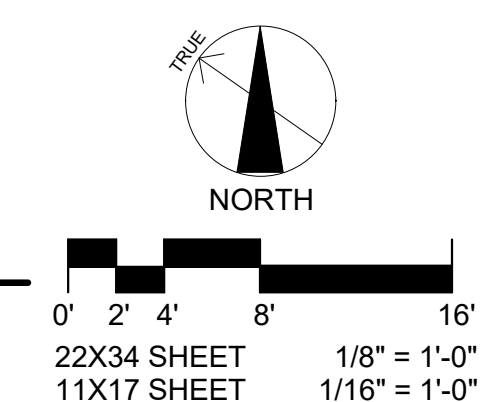
DEMOLISH FIXTURES, PIPING, AND ALL ASSOCIATED PLUMBING ITEMS. DEMOLISH PIPING AS REQUIRED TO SERVE THE NEW USE IN THE AREA. CAP AND PERMANENTLY SEAL REMAINING PRESSURE PIPING. UNDERFLOOR PIPING TO BE DEMOLISHED BELOW SLAB, CAPPED, AND ABANDONED-IN-PLACE.

DEMO EXHAUST DUCTWORK FOR THE EF-3 SYSTEM ENTIRELY. DEMO SUPPLY DUCTWORK DOWNSTREAM OF HC-22 AND HC-25.

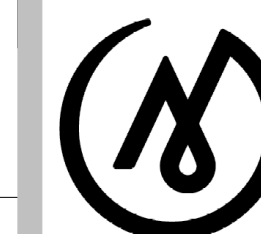
EXISTING EXHAUST THROUGH ROOF TO BE DEMOLISHED.

CONTRACTOR TO DEMOLISH EXHAUST FAN, HOOD, GRILLES, AND DUCTWORK.

**1** MECHANICAL DEMOLITION FLOOR PLAN - AREA B  
 MD-102 1/8" = 1'-0"



F O R:  
● SUBMITTAL  
○ PRICING



**MCG**  
**EXPLORE**  
**DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
exploredesign.com

**COFFMAN**  
**ENGINEERS**  
800 F Street  
Anchorage, AK 99501  
ph 907.276.6664  
www.coffman.com



Owner

**ALASKA**  
**NATIVE**  
**HERITAGE**  
**CENTER**  
**REMODEL**

8800 Heritage Center Drive,  
Anchorage, Alaska

**BID CONSTRUCTION**  
**DOCUMENTS**

JOB NO. 231248  
DATE: 10.15.2023  
PROJ. MGR.: DCH  
DRAWN BY: CDH  
REVIEWED BY: BLL  
REVISIONS:

**MECHANICAL**  
**DEMOLITION**  
**FLOOR PLAN -**  
**FAN ROOM**

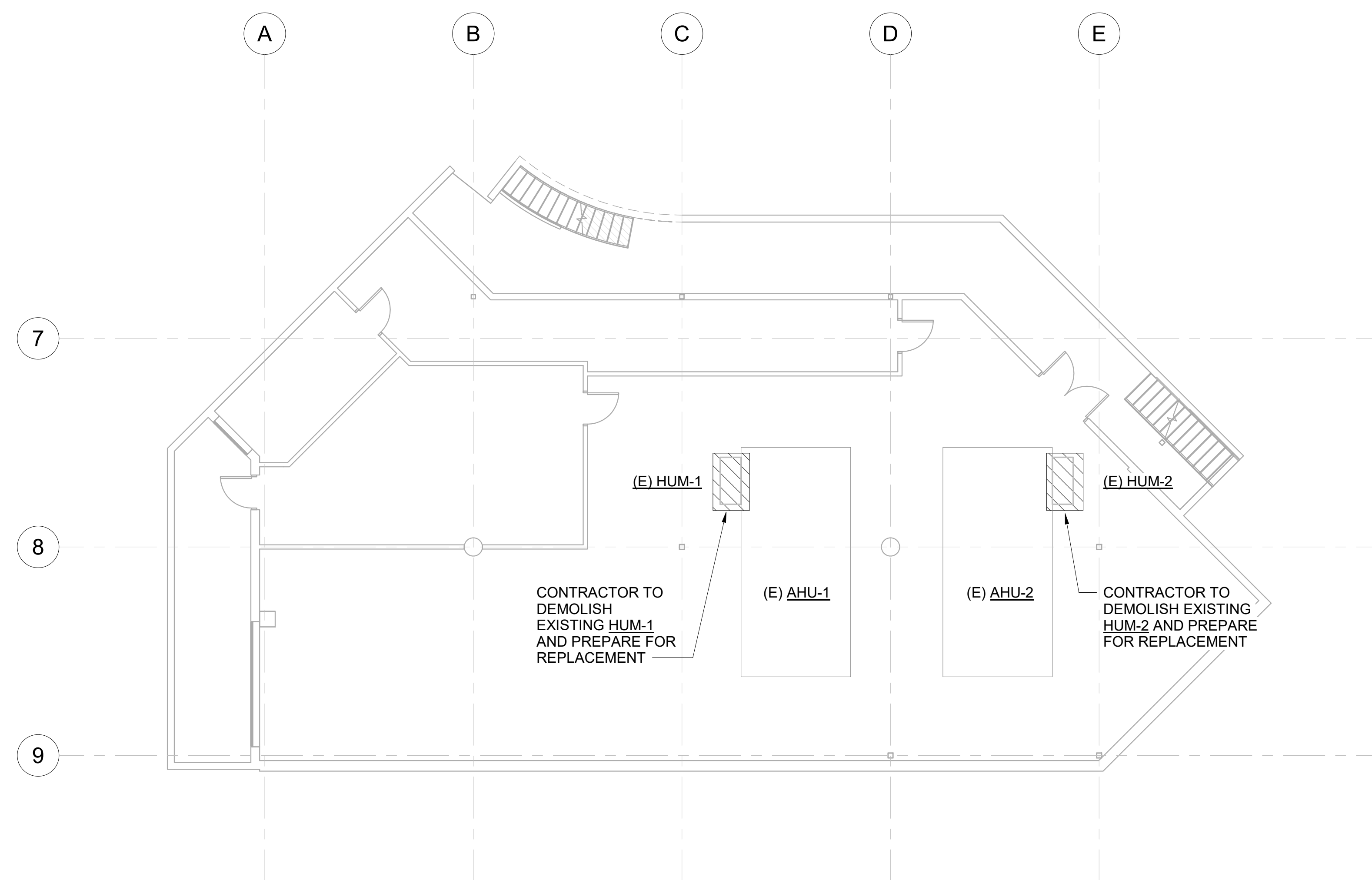
SHEET NO.

**MD-103**

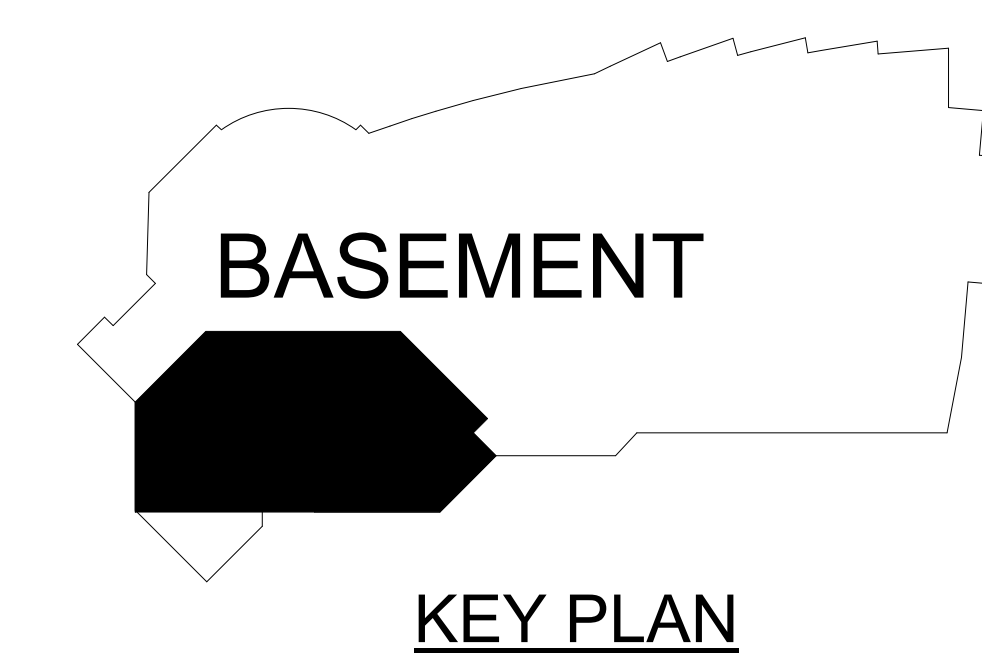
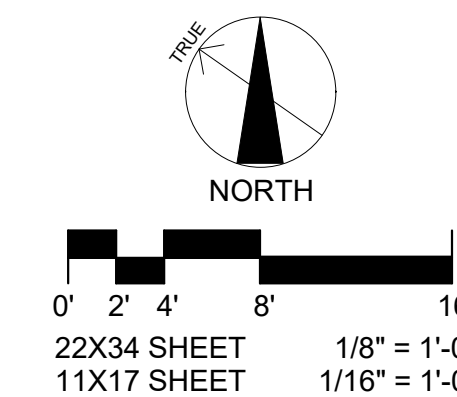
SPACE RESERVED FOR MOA PERMIT STAMP

**GENERAL NOTES**

1. NOT ALL EXISTING EQUIPMENT IS SHOWN.
2. PREPARE HUMIDIFIER MOUNTING LOCATIONS AND PIPING FOR NEW WORK AS SHOWN ON M-103.



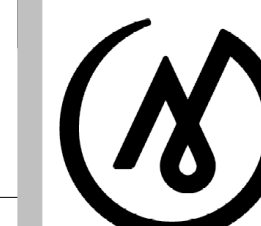
**1** MECHANICAL DEMOLITION ROOM FLOOR PLAN - FAN ROOM  
MD-103 1/8" = 1'-0"



**BASEMENT**

**KEY PLAN**

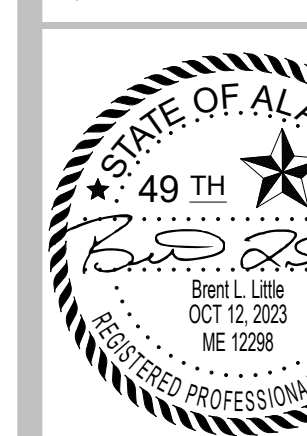
F O R:  
 ● SUBMITTAL  
 ○ PRICING



**MCG**  
 EXPLORE  
 DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com

**COFFMAN**  
 ENGINEERS



Owner

**ALASKA**  
 NATIVE  
 HERITAGE  
 CENTER  
 REMODEL

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION**  
**DOCUMENTS**

JOB NO. 231248  
 DATE: 10.15.2023  
 PROJ. MGR.: DCN  
 DRAWN BY: CDH  
 REVIEWED BY: BLL  
 REVISIONS:

**MECHANICAL**  
**FLOOR PLAN -**  
**AREA B**

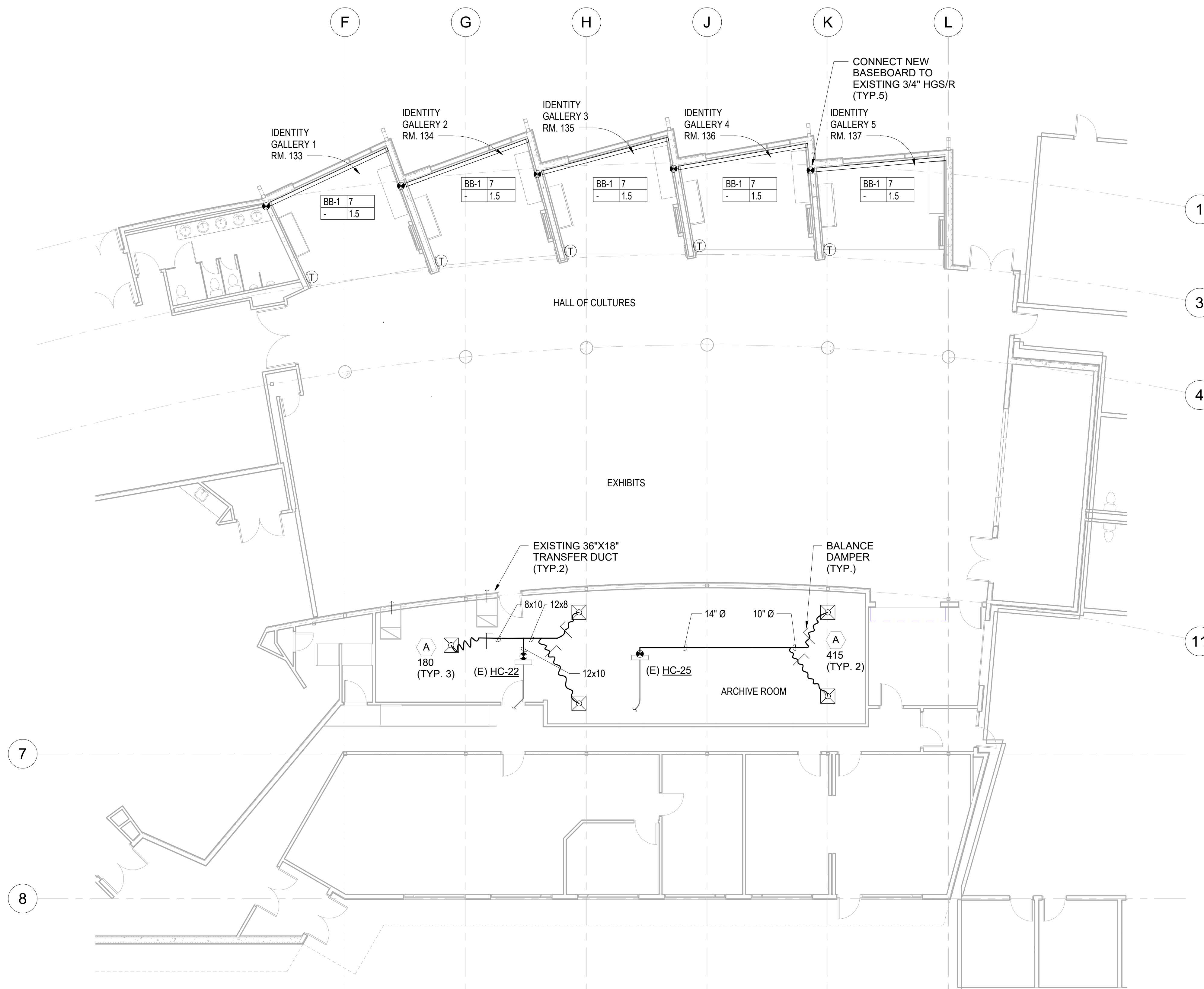
SHEET NO.

**M-102**

SPACE RESERVED FOR MOA PERMIT STAMP

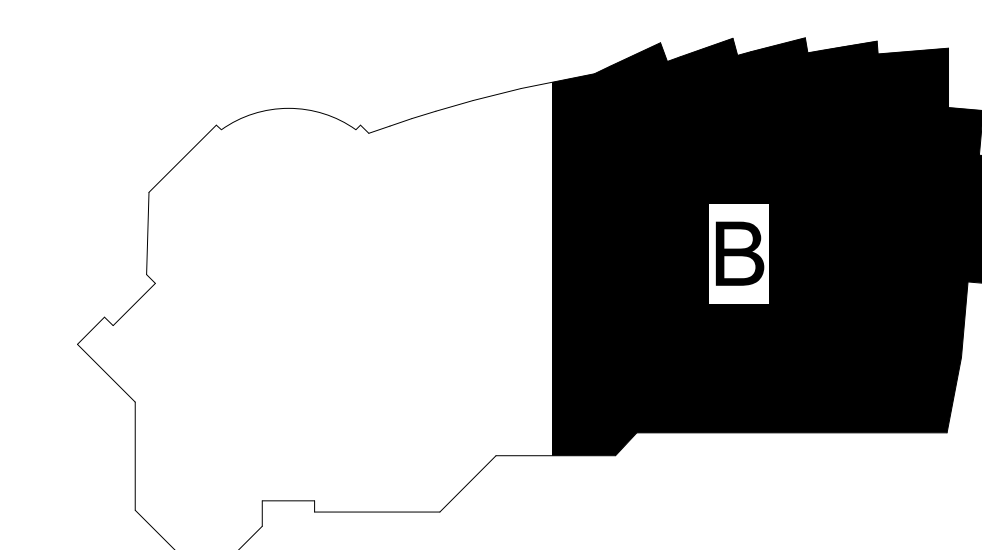
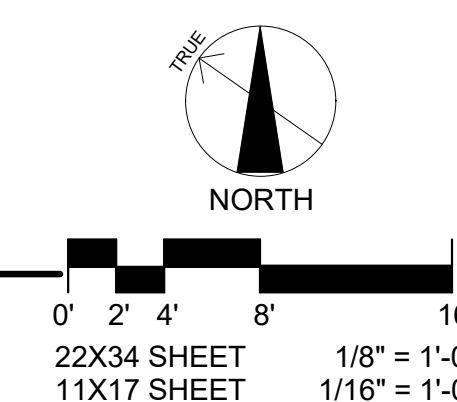
**GENERAL NOTES**

1. NOT ALL EXISTING EQUIPMENT IS SHOWN.
2. ARCHIVE ROOM VENTILATION BASED ON 2018 IMC TABLE 403.3.1.1 STORAGE ROOM.



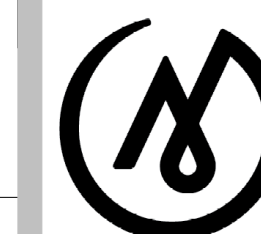
**1 MECHANICAL NEW WORK FLOOR PLAN - AREA B**

M-102 1/8" = 1'-0"



**KEY PLAN**

F O R:  
 ● SUBMITTAL  
 ○ PRICING



**MCG**  
**EXPLORE**  
**DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com

**COFFMAN**  
**ENGINEERS**  
 800 F Street  
 Anchorage, AK 99501  
 ph 907.276.6664  
 www.coffman.com



Owner

**ALASKA**  
**NATIVE**  
**HERITAGE**  
**CENTER**  
**REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION**  
**DOCUMENTS**

JOB NO. 231248  
 DATE: 10.15.2023  
 PROJ. MGR.: DCN  
 DRAWN BY: CDH  
 REVIEWED BY: BLL  
 REVISIONS:

**ENLARGED**  
**MECHANICAL**  
**PLAN - FAN**  
**ROOM**

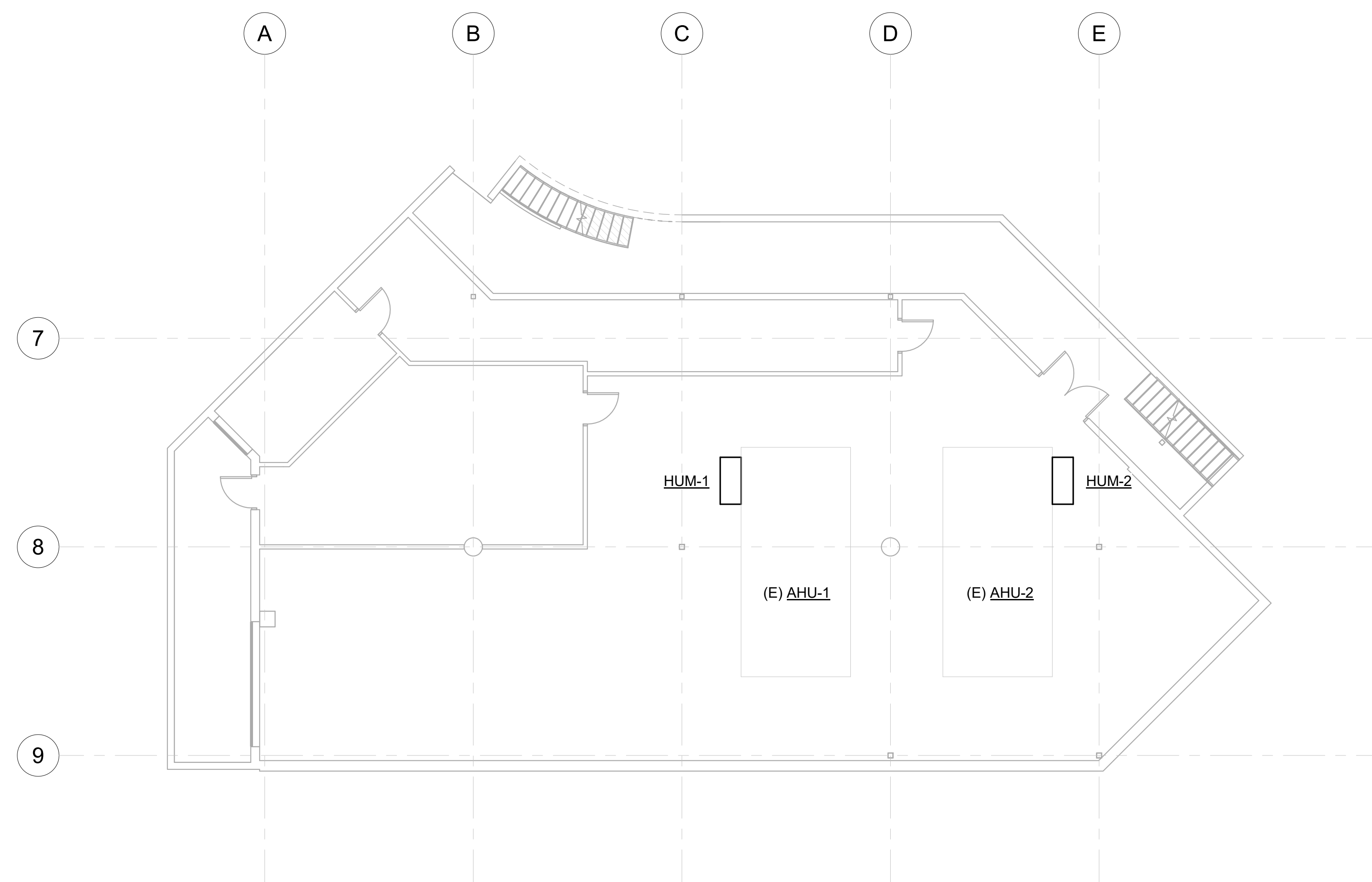
SHEET NO.

**M-103**

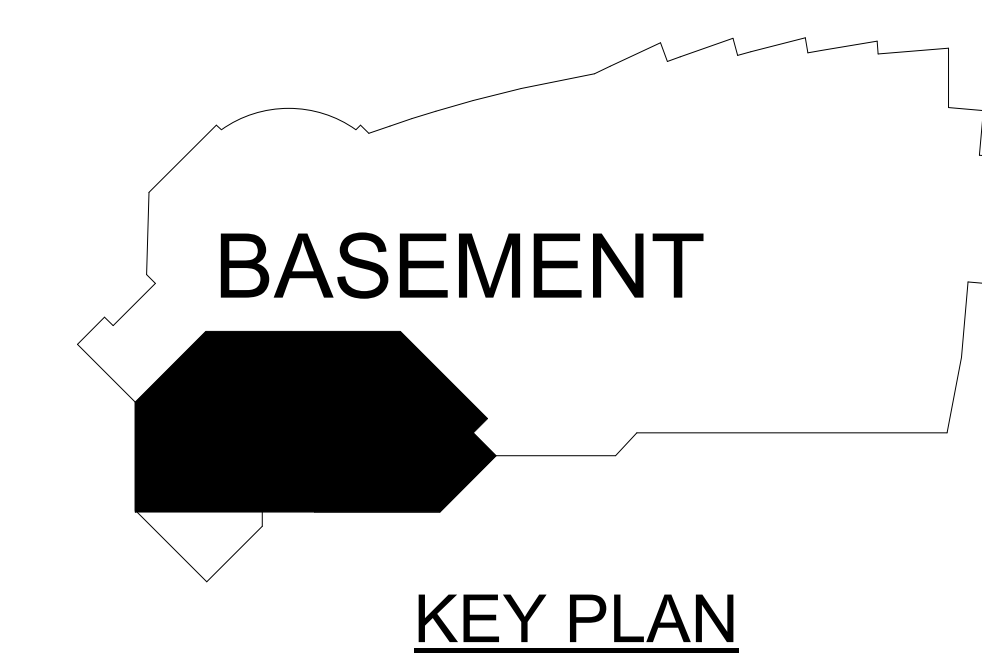
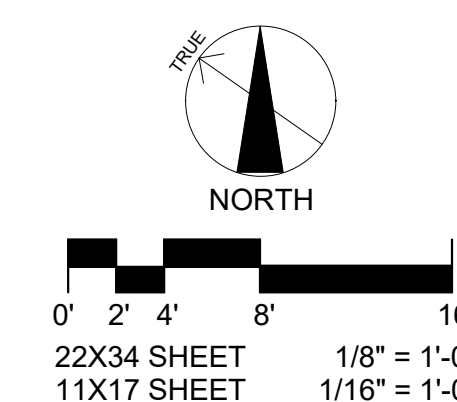
SPACE RESERVED FOR MOA PERMIT STAMP

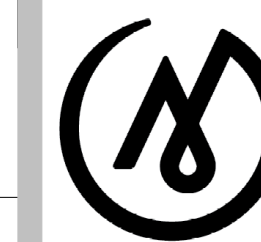
**GENERAL NOTES**

1. NOT ALL EXISTING EQUIPMENT IS SHOWN.
2. PROVIDE NEW HUMIDIFIERS HUM-1 AND HUM-2 IN SAME LOCATIONS AND SERVICE AS DEMOLISHED HUMIDIFIERS. NEW HUMIDIFIERS TO BE PROVIDED WITH ALL NECESSARY CONTROLS, PIPING, APPURTENANCES, AND SPECIALTIES FOR A COMPLETE AND WORKING SYSTEM. PROVIDE NEW ISOLATION VALVES FOR COLD WATER INLET AND CLEAN STEAM OUTLET. TIE INTO EXISTING BUILDING CONTROLS TO ALLOW EXISTING CONTROLS TO CONTROL HUMIDIFIER.



**1** MECHANICAL NEW WORK FLOOR PLAN - FAN ROOM  
 M-103 1/8" = 1'-0"





**MCG  
EXPLORE  
DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com

**COFFMAN  
ENGINEERS**  
 800 F Street  
 Anchorage, AK 99501  
 ph 907.276.6664  
 www.coffman.com AEC249



Owner

**ALASKA  
NATIVE  
HERITAGE  
CENTER  
REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION  
DOCUMENTS**

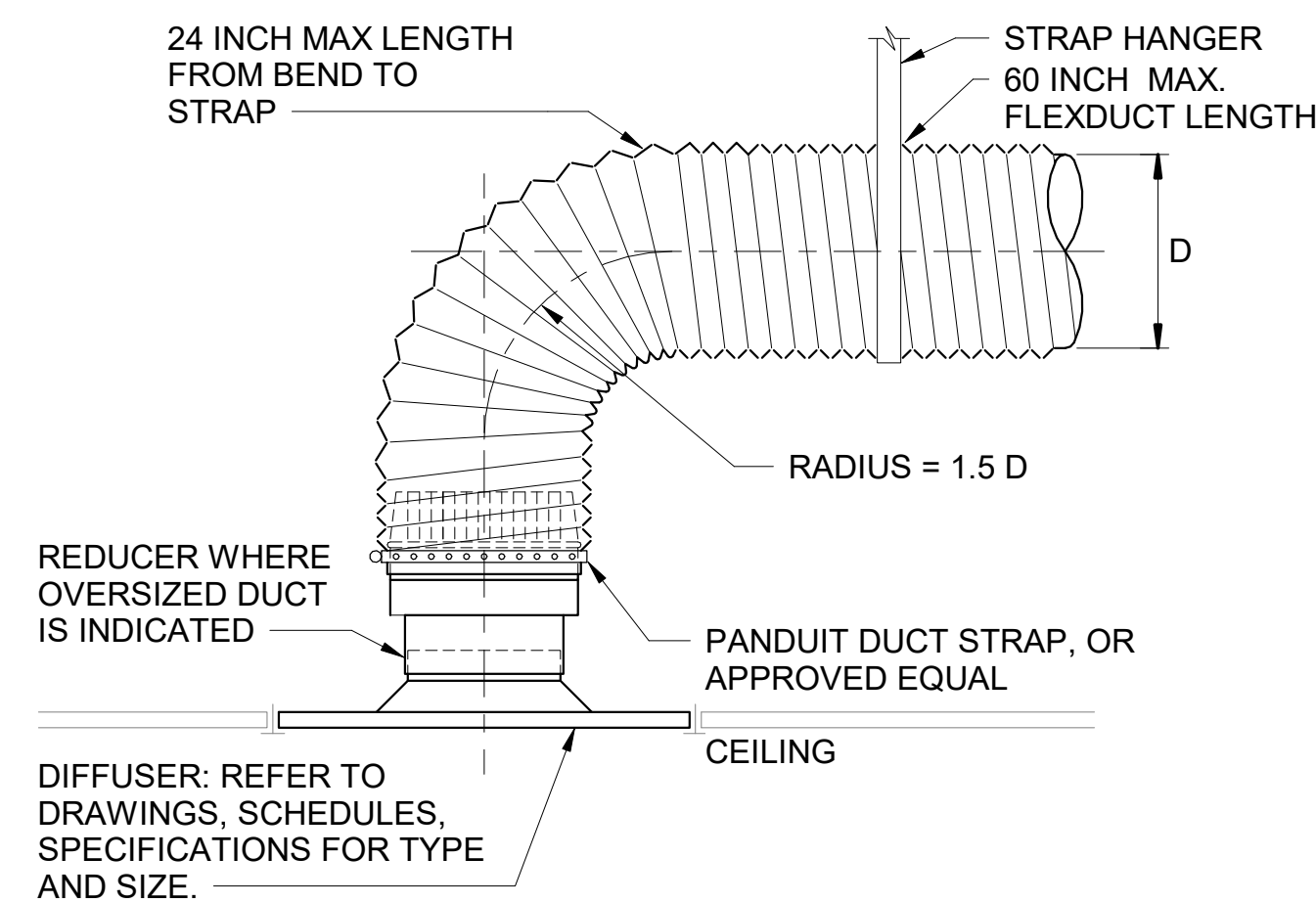
JOB NO. 231248  
 DATE: 10.15.2023  
 PROJ. MGR.: DCN  
 DRAWN BY: CDH  
 REVIEWED BY: BLL  
 REVISIONS:

**DIAGRAMS,  
DETAILS, AND  
SCHEDULES**

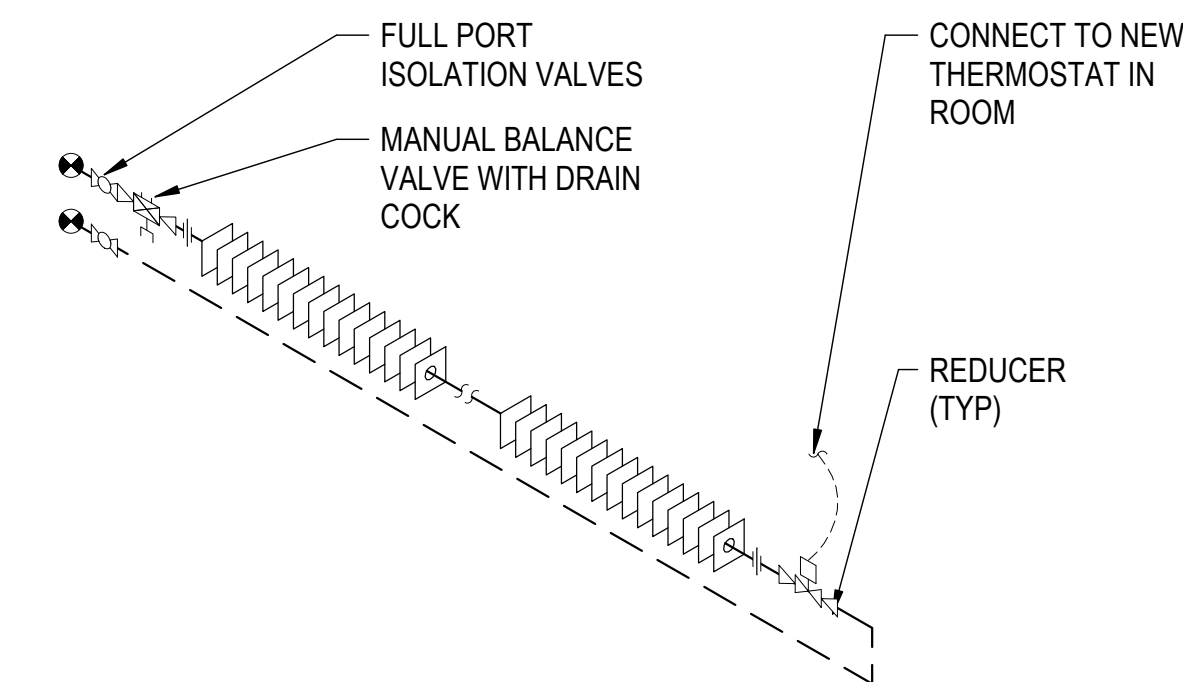
SHEET NO.

**M-501**

SPACE RESERVED FOR MOA PERMIT STAMP



**1** TYPICAL DIFFUSER CONNECTION DETAIL  
 M-501 NTS



**2** SINGLE TIER BASEBOARD CONNECTION  
 M-501 NTS

**HYDRONIC BASEBOARD SCHEDULE**

TAG	ENCLOSURE					ELEMENT							BASIS OF DESIGN		NOTES	
	TYPE	SIZE (IN.)		MOUNTING HEIGHT (IN)	COLOR	SIZE (IN.)			FIN/FT.	NO. OF TIERS	EGT (F)	LGT (F)	HTG. CAPACITY (BTU/FT)	MFGR		MODEL
		HT	WIDTH			TUBE	FIN. HT.	FIN. WIDTH								
BB-1	TOP LOUVERED OUTLET	3-5/8	3-1/2	7-5/8	PER ARCH	3/4	3-1/4	3-1/4	48	1	190	160	672	RITTLING	ETO 3/4C-3-1/4 x 3-1/4-48	1,2,3

NOTES:  
 1. RATING PROVIDED HEREIN HAS BEEN CORRECTED FOR 190°F-160°F AND 50% PG.  
 2. MOUNTING HEIGHT IS FROM FLOOR TO TOP REAR PANEL OF ENCLOSURE.  
 3. PROVIDE FULL LENGTH ENCLOSURE (WALL TO WALL).

**AIR INLET AND OUTLET SCHEDULE**

TAG	LOCATION	PURPOSE	NECK SIZE (IN.)	FACE SIZE (IN.)	MAXIMUM DESIGN CFM	BORDER TYPE	BASIS OF DESIGN		NOTES
							MANUFACTURER	MODEL	
A	VARIOUS	SUPPLY	VARIOUS	24X24	VARIOUS	LAY IN OR SURFACE	TITUS	TMS	1,2,3

NOTES:  
 1. ALL INLETS TO BE PROVIDED WITH VOLUME DAMPER. SEE PLANS FOR VOLUME DAMPER LOCATED IN DUCTWORK.  
 2. SELECTIONS AT NC 25 OR LESS FOR ALL AIR TERMINALS ON PLANS.  
 3. AIR TERMINALS TO BE WITH LAY IN OR PLASTER FRAME AS REQUIRED.

**HUMIDIFIER SCHEDULE**

TAG	TYPE	CLEAN STEAM CAPACITY (LB/HR)	ELECTRICAL			BASIS OF DESIGN			NOTES
			VOLT	PH	A	MFR	MODEL	DIMENSIONS (L"xW"xH")	
HUM-1	ELECTRIC	143.0	460	3	58.8	ARMSTRONG	EHU-804	33.6" x 31.8" x 14.1"	1,2
HUM-2	ELECTRIC	143.0	460	3	58.8	ARMSTRONG	EHU-804	33.6" x 31.8" x 14.1"	1,2

NOTES:  
 1. DDC INTERFACE. RATED FOR USE WITH TAP WATER.  
 2. PROVIDE WITH FULLY PACKAGED CONTROLLER WITH INTEGRAL SAFETIES, COMMUNICATIONS INTERFACE FOR DDC MONITORING AND CONTROL.

## ELECTRICAL SYMBOLS

### GENERAL LIGHTING

- XX LIGHT FIXTURE IDENTIFICATION TAG. REFER TO LIGHT FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.
- 2'x4' RECESSED FIXTURE
- 2'x4' SURFACE MOUNTED FIXTURE
- 1'x4' SURFACE MOUNTED FIXTURE
- 2'x2' RECESSED FIXTURE
- UPLIGHT PENDANT MOUNTED FIXTURE
- UPLIGHT WALL MOUNTED FIXTURE
- PENDANT DOWNLIGHT FIXTURE
- RECESSED DOWNLIGHT FIXTURE
- WALL MOUNTED FIXTURE
- RECESSED DIRECTIONAL FIXTURE
- DIRECTIONAL FIXTURE
- TRACK LIGHT FIXTURE HEAD - EX: INDICATES NUMBER OF HEADS
- LOWER-CASE LETTER ADJACENT TO FIXTURE INDICATES SPECIFIC SWITCHING GROUP
- NL INDICATES NIGHT LIGHT WIRED TO UNSWITCHED CIRCUIT.

### EMERGENCY LIGHTING

NOTE: ANY OF THE ABOVE FIXTURE SYMBOLS WITH A BLACK FILLED REGION INDICATES FIXTURE WIRED TO EMERGENCY POWER.

- EXIT SIGN - CEILING MOUNTED (ARROW INDICATES DIRECTION OF EGRESS)
- EXIT SIGN - WALL MOUNTED (ARROW INDICATES DIRECTION OF EGRESS)
- BATTERY POWERED EMERGENCY LIGHT
- REMOTE HEAD BATTERY POWERED EMERGENCY LIGHT
- COMBINATION EXIT SIGN/EMERGENCY LIGHT - WALL MOUNTED

### LIGHTING CONTROL

- WALL SWITCH - SUBSCRIPT INDICATES TYPE:  
 3 - THREE WAY M - MANUAL MOTOR STARTER  
 D - DIMMER P - SWITCH W/ PILOT LIGHT  
 WP - WEATHERPROOF K - KEY OPERATED  
 LV - LOW VOLTAGE O - OCCUPANCY SENSOR
- LOWER-CASE LETTER ADJACENT TO SWITCH INDICATES SPECIFIC SWITCHING GROUP
- OCCUPANCY SENSOR - DUAL TECHNOLOGY - CEILING MOUNTED

ALL SYMBOLS AND ABBREVIATIONS DO NOT NECESSARILY APPEAR ON DRAWINGS

### POWER GENERAL

- JUNCTION BOX
- MOTOR CONNECTION
- GENERATOR
- EQUIPMENT CONNECTION
- THERMOSTAT
- PANELBOARD
- EQUIPMENT CABINET
- RECESSED FLOOR BOX
- POKE-THRU TYPE FITTING
- FLUSH FLOOR COUPLING
- EMERGENCY SHUT DOWN SWITCH
- PUSHBUTTON
- XX-X EQUIPMENT TAG - REFER TO EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL INFORMATION.

### POWER OUTLETS

- DUPLEX RECEPTACLE, SUBSCRIPT INDICATES TYPE:  
 O - OCCUPANCY SENSOR CONTROLLED  
 G - GFCI PROTECTED  
 WP - WEATHERPROOF WHILE IN USE  
 TV - OUTLET FOR FLAT PANEL TELEVISION
- SPECIAL PURPOSE RECEPTACLE
- DUPLEX RECEPTACLE - CEILING MOUNTED
- DOUBLE DUPLEX RECEPTACLE
- DOUBLE DUPLEX RECEPTACLE - CEILING MOUNTED
- SINGLE RECEPTACLE
- PEDESTAL DUPLEX RECEPTACLE
- PEDESTAL DOUBLE DUPLEX RECEPTACLE
- X:X CIRCUIT IDENTIFIER (PANEL:CIRCUIT NUMBER)

### DISTRIBUTION

- STARTER, 3-POLE, NEMA SIZE 1 MINIMUM - UNLESS OTHERWISE NOTED
- COMBINATION STARTER/DISCONNECT
- DISCONNECT SWITCH
- FUSED DISCONNECT SWITCH
- CONTACTOR

### GENERAL

- SHEET NOTE, SPECIFIC TO LOCATION INDICATED.
1. GENERAL NOTE, APPLIES TO ENTIRE SHEET.
- PHOTO REFERENCE

### FIRE ALARM

- FIRE ALARM CONTROL PANEL
- FIRE ALARM HORN STROBE
- FIRE ALARM PULL STATION
- PHOTO ELECTRIC SMOKE DETECTOR

### SECURITY/CCTV

- SECURITY SYSTEM MAGNETIC DOOR SWITCH
- SECURITY SYSTEM MOTION SENSOR

### TELECOM

- DATA OUTLET 18" AFF UNLESS OTHERWISE NOTED. ADJACENT NUMBER INDICATES QUANTITY OF CAT 6 RJ45 JACKS. PROVIDE WITH TWO (2) CAT 6, RJ45 DATA JACKS AND ONE (2) SPARE SPACE PER OUTLET IF NO NUMBER IS INDICATED.

## ABBREVIATIONS

A	AMPERE
AC	ALTERNATING CURRENT
AFF	ABOVE FINISHED FLOOR
C	CABLE, CONDUIT, COIL
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CO	CONDUIT ONLY
CONTR	CONTRACTOR
CU	COPPER
D	DEMO
DISC	DISCONNECT
DWG	DRAWING
EA	EACH
ELEC	ELECTRICAL
EQUIP	EQUIPMENT
E, (E)	EXISTING TO REMAIN
ETC	ELECTRONIC THEATRE CONTROLS, INC.
FT	FEET; FOOT
GALV	GALVANIZED
GFI	GROUND FAULT INTERRUPTER
HID	HIGH INTENSITY DISCHARGE
K	KELVIN
MAX	MAXIMUM
MFR	MANUFACTURER
MIN	MINIMUM
MOA	MUNICIPALITY OF ANCHORAGE
MTG	MOUNTING
NEUT	NEUTRAL
NIC	NOT IN CONTRACT
NO	NUMBER; NORMALLY OPEN
NTS	NOT TO SCALE
PNL	PANEL; PANELBOARD
R, (R)	RELOCATE OR RELOCATED
RM	ROOM
SCHED	SCHEDULE
SECT	SECTION
SPEC	SPECIFICATIONS
SW	SWITCH
TEMP	TEMPORARY; TEMPERATURE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLT (S)
W	WATT (S), WIDE (DIM), WEST
WG	WIRE GUARD
WP	WEATHER PROOF

### LOAD STATEMENT

THE WORK DESCRIBED IN THIS PROJECT WILL RESULT IN A NET LOAD REDUCTION. THE EXISTING ELECTRICAL SERVICE REMAINS ADEQUATE AND DOES NOT REQUIRE AN UPGRADE FROM THIS PROJECT WORK. PANEL SCHEDULES ARE PROVIDED FOR ALL EXISTING PANELS IMPACTED AND THE NET LOAD CHANGES ARE SUMMARIZED BELOW:

PANEL	LOAD CHANGE
(E) PANEL A	-1,010VA
(E) PANEL H	0VA (NO CHANGE)
(E) PANEL EE	-1,045VA
(E) PANEL LL	-900VA
(E) PANEL PP	-5,136VA
(E) PANEL MDS	-10,800VA (REDUCED HUMIDIFIER LOAD)
(E) PANEL SS	-1,474VA
(E) PANEL S	+1,236VA
(E) PANEL M	-600VA
<b>NET CHANGE</b>	<b>-19,729VA (LOAD REDUCTION)</b>

### PROJECT SCOPE OVERVIEW

- PROVIDE NEW LED LIGHTING AND CONTROLS AS INDICATED ON THE PLANS. PROVIDE NEW FIXTURES PER THE LIGHT FIXTURE SCHEDULE. PROVIDE ALL CONDUIT/WIRING AND FIXTURE SUPPORTS AS REQUIRED. MAJORITY OF THE LIGHTING UPGRADES ARE RETROFIT OR DIRECT ONE FOR ONE REPLACEMENT.
- PROVIDE POWER RECEPTACLES AS INDICATED ON THE PLANS AS PART OF REMODEL WORK. REMOVE AND RELOCATE EXISTING LOW VOLTAGE DEVICES AS REQUIRED FOR THE REMODEL AND FINISH UPGRADES IN AREA B. FIRE ALARM RE-TEST AND CERTIFICATION.
- PROVIDE POWER CONNECTION FOR THE ONE FOR ONE REPLACEMENT OF MECHANICAL EQUIPMENT LOCATED IN THE LOWER LEVEL MECHANICAL ROOM.
- PROVIDE REPAIRS TO THE ETC DIMMING SYSTEM TO RESTORE SCENE CONTROL OF THE MUSEUM LIGHTING.
- PROVIDE NEW LED COLOR STAGE LIGHTING WITH WIRELESS CONSOLE CONTROL FOR THE GATHERING ROOM STAGE. (ALTERNATE BID ITEM #6).
- PROJECT INCLUDES ALTERNATE BID ITEMS. REFER TO ARCHECTURAL GENERAL SHEET FOR COMPLETE LIST OF ALTERNATE BID ITEMS. CONTRACTOR SHALL PROVIDE A SEPARATE PRICE FOR EACH ALTERNATE BID ITEM. THE ALTERNATE BID ITEM FOR ELECTRICAL IS AS FOLLOWS:  
 PROJECT WORK ASSOCIATED WITH THE INSTALLATION OF THE GATHERING ROOM STAGE LIGHTS, IDENTIFIED AS "ADD ALTERNATE #6" WITHIN ELECTRICAL PLANS.

### PROJECT NOTES

- INFORMATION SHOWN ON THESE DRAWINGS IS BASED ON RECORD DRAWINGS AND NON-DESTRUCTIVE SITE INVESTIGATIONS OF THE BUILDING COMPLETED IN JUNE OF 2023, AND SHALL BE FIELD VERIFIED. ELECTRICAL RECORD DRAWINGS FROM THE ORIGINAL BUILDING CONSTRUCTION ARE AVAILABLE AS A SET OF REFERENCE DOCUMENTS IN PDF FORMAT.
- CIRCUITING IS IDENTIFIED ON THESE DRAWINGS PER RECORD DRAWINGS AND SHALL BE FIELD VERIFIED. RECORD DRAWING PANEL SCHEDULES ARE PROVIDED AS REFERENCE DOCUMENTATION. CONTRACTOR SHALL FIELD VERIFY EXISTING CIRCUITING AND SWITCHING.
- THE WORK DESCRIBED IN THIS PROJECT WILL RESULT IN A NET LOAD REDUCTION. ALL REPLACEMENT LIGHT FIXTURES ARE LED AND REPRESENT A SIGNIFICANT REDUCTION IN LOAD. THE EXISTING ELECTRICAL SERVICE REMAINS ADEQUATE AND DOES NOT REQUIRE AN UPGRADE FROM THIS PROJECT WORK.
- PORTIONS OF EXISTING INTERIOR LIGHTING OR RECEPTACLE CIRCUITS MAY BE REUSED OR EXTENDED AS REQUIRED FOR NEW DEVICE OR FIXTURE LAYOUT OR CONTROL CHANGES PROVIDED THAT THE CONDUIT AND WIRING MEET ALL PROJECT AND NEC CODE REQUIREMENTS.
- PROJECT INCLUDES DEMOLITION OF EXISTING FLUORESCENT AND HID LIGHT FIXTURES. CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL MATERIALS REMOVED FROM THIS PROJECT, INCLUDING LAMPS AND BALLASTS WHICH REQUIRE SPECIAL HANDLING AND/OR DISPOSAL. ALL NON-HAZARDOUS/SANITARY WASTE SHALL BE DISPOSED OF BY MUNICIPALITY OF ANCHORAGE SOLID WASTE SERVICES. ALL LAMPS AND BALLASTS MUST BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL WASTE DISPOSAL REGULATIONS. THESE INCLUDE THE U.S. EPA UNIVERSAL WASTE RULES FOR DISPOSAL OF LAMPS CONTAINING MERCURY AND THE U.S. TOXICS SUBSTANCES CONTROL ACT AND EPA RULES FOR DISPOSAL OF BALLASTS CONTAINING PCBs. ALL LIGHTING BALLASTS THAT CONTAIN PCB OR ARE NOT MARKED "NOT CONTAINING PCB", MUST BE DISPOSED OF BY A HAZARD WASTE DISPOSAL COMPANY THAT HAS A CONTRACT WITH A TOXIC SUBSTANCE CONTROL ACT (TSCA) APPROVED FACILITY. THE LIGHTING BALLASTS MUST BE PACKAGED, LABELED AND SHIPPED TO A TSCA APPROVED FACILITY IN ACCORDANCE WITH ALL APPLICABLE EPA AND DOT REGULATIONS.
- THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL TO SALVAGE ANY REMOVED MATERIALS.
- VERIFY MOUNTING HARDWARE PRIOR TO ORDERING LIGHT FIXTURES. PROVIDE COMPATIBLE MOUNTING ACCESSORIES AND ALL TRIM, FLANGES, SUPPORTS, OUTLET BOXES, ETC. FOR A COMPLETE AND FINISHED INSTALLATION.
- THE ELECTRICAL INSTALLATION SHALL COMPLY WITH THE CURRENT ADOPTED NATIONAL ELECTRIC CODE, NFPA 101, NFPA 72, STATE AND LOCAL AMENDMENTS, AND NECA STANDARDS OF INSTALLATION.
- ALL ELECTRICAL EQUIPMENT AND MATERIALS SHALL BE LISTED AND LABELED FOR THEIR INTENDED APPLICATION BY A NATIONALLY RECOGNIZED TESTING LABORATORY ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND STRUCTURES AFFECTING THE WORK. NOTIFY THE PROJECT MANAGER IN WRITING OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THOSE SHOWN IN THE CONTRACT DOCUMENTS WHICH ADVERSELY IMPACT THE WORK.
- CONTRACTOR SHALL MAINTAIN CURRENT A RED-LINE SET OF CONSTRUCTION DOCUMENTS DURING CONSTRUCTION. RED-LINE DRAWINGS SHALL BE SUBMITTED TO THE OWNER UPON PROJECT COMPLETION. UPDATE ALL PANEL SCHEDULES REFLECTING CIRCUITING CHANGES MADE BY THIS PROJECT..

- CONDUCTORS SHALL BE #12 AWG COPPER MINIMUM OR AS SHOWN ON DRAWINGS. HOME RUN CONDUCTORS SHALL BE #10 AWG COPPER MINIMUM OR AS REQUIRED BY THE NEC. THE MINIMUM SIZE FOR 20A BRANCH CIRCUITS MEASURED FROM THE PANELBOARD TO THE FURTHEST DEVICE ON THE CIRCUIT UNLESS NOTED ON DRAWINGS: #10 AWG CONDUCTORS FOR 120V BRANCH CIRCUITS GREATER THAN 75' #8 AWG CONDUCTORS FOR 120V BRANCH CIRCUITS GREATER THAN 175' INCREASE GROUND CONDUCTOR SIZE PER NEC FOR 15A AND 20A CIRCUITS TRANSITION TO #12 AWG WITHIN 15' OF DEVICE IF A SMALL CONDUCTOR IS REQUIRED FOR DEVICE TERMINATION.
- OUTAGES OF ELECTRICAL, TELECOMMUNICATIONS, FIRE ALARM, OR SECURITY SYSTEMS SHALL OCCUR AT AN ABSOLUTE MINIMUM. COORDINATE SCHEDULED OUTAGES WITH THE OWNER.
- PROTECT ALL MATERIALS AND EQUIPMENT DURING THE ENTIRE DURATION OF CONSTRUCTION WORK AGAINST CONTAMINATION OR DAMAGE. REPLACE OR REPAIR TO ORIGINAL MANUFACTURED CONDITION ANY ITEMS DAMAGED DURING CONSTRUCTION. IMMEDIATELY REPORT TO PROJECT MANAGER ANY ITEMS FOUND DAMAGED PRIOR TO COMMENCING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR ALL PROJECT RELATED SAFETY MEASURES ON SITE DURING THE PROJECT CONSTRUCTION PERIOD.
- THIS PROJECT INCLUDES WORK WHICH REQUIRES ACCESS TO FIXTURES AT HIGH MOUNTING HEIGHTS. CONTRACTOR SHALL PROVIDE SUITABLE EQUIPMENT TO SAFELY PERFORM THE WORK AND PROVIDE PROTECTION FOR FLOOR SURFACES FROM LIFT OR SCAFFOLDING TYPE EQUIPMENT. COORDINATE THE PROJECT WORK SCHEDULE AND EQUIPMENT ACCESS WITH THE PROJECT MANAGER
- DRAWINGS ARE SCHEMATIC ONLY AND DO NOT SHOW ALL CONDUIT AND CONNECTIONS BETWEEN RESPECTIVE DEVICES AND FIXTURES. CONTRACTOR SHALL DETERMINE THE EXACT ROUTING OF CONDUIT, CABLE, AND WIRING CONNECTIONS BETWEEN RESPECTIVE DEVICES AND FIXTURES FOR A COMPLETE AND OPERATIONAL SYSTEM.
- UPON COMPLETION OF RELOCATION OF FIRE ALARM DEVICES, FIRE ALARM PANEL SHALL BE TESTED AND CERTIFIED PER NFPA 72 REACCEPTANCE TESTING REQUIREMENTS. PROVIDE TEST REPORT TO AHJ AS REQUIRED.
- AN (R) ADJACENT TO A DEVICE INDICATES REMOVE AND RE-INSTALL EXISTING DEVICE. REMOVE CEILING AND WALL MOUNTED LIGHT FIXTURES AND DEVICES AND RE-INSTALL AT LOCATION INDICATED ON PLAN. PROVIDE MOUNTING HARWARE TO MOUNT AT NEW LOCATION AND EXTEND WIRING AS REQUIRED.
- AN (E) ADJACENT TO A DEVICE INDICATES EXISTING TO REMAIN. PROTECT EXISTING DEVICES FROM DAMAGE DURING CONSTRUCTION. MAINTAIN CONNECTIVITY OF EXISTING DEVICES TO REMAIN.

- F O R:
- SUBMITTAL
- PRICING



**MCG**  
EXPLORE  
DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
explore设计.com



Owner

**ALASKA**  
**NATIVE**  
**HERITAGE**  
**CENTER**  
**REMODEL**

8800 Heritage Center Drive,  
Anchorage, Alaska

**BID CONSTRUCTION**  
**DOCUMENTS**

JOB NO.	231248
DATE:	10.15.2023
PROJ. MGR.:	DCN
DRAWN BY:	MAG
REVIEWED BY:	LRH
REVISIONS:	

**ELECTRICAL**  
**PROJECT**  
**NOTES,**  
**LEGEND AND**  
**ABBREVIATIONS**

SHEET NO.

**E-001**

SPACE RESERVED FOR MOA PERMIT STAMP

**ELECTRICAL SPECIFICATIONS**

- PART 1 GENERAL**
- 1.1 SCOPE OF WORK
- A. PROVIDE ALL LABOR, EQUIPMENT, MATERIALS, AND SERVICES REQUIRED FOR A COMPLETE INSTALLATION, TESTING, AND STARTUP OF ALL SYSTEMS DENOTED ON THE PLANS AND SPECIFICATIONS.
  - B. VERIFY EXISTING AND LOCAL CONDITIONS AFFECTING THE ELECTRICAL WORK PRIOR TO COMMENCEMENT OF PROJECT.
- 1.2 ELECTRICAL DRAWINGS AND SYMBOLS
- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND ARE NOT INTENDED TO SHOW ALL FEATURES OF WORK. HOWEVER, THE CONTRACTOR SHALL PROVIDE PRODUCTS NECESSARY FOR A COMPLETE AND OPERABLE SYSTEM IN ACCORDANCE WITH NEC, NFPA 101, NFPA 72, AND ALL LOCAL AMENDMENTS.
  - B. INSTALL UN-DIMENSIONED ELECTRICAL ITEMS IN A MANNER TO PROVIDE SYMMETRICAL APPEARANCE. DO NOT SCALE DRAWINGS FOR EQUIPMENT LOCATION. REVIEW ALL DRAWINGS FOR LOCATIONS. ADJUST WORK TO CONFORM TO ACTUAL FIELD CONDITIONS.
  - C. DRAWING SYMBOLS USED FOR BASIC MATERIALS, EQUIPMENT, ETC., ARE DENOTED BY INDUSTRY STANDARD SYMBOLS. SPECIAL ITEMS ARE DENOTED BY SYMBOL LEGEND OR CALLED OUT ON THE DRAWINGS OR SPECIFICATION.
- 1.3 COORDINATION
- A. EXPOSED RACEWAYS AND CABLES WHERE SPECIFICALLY ALLOWED SHALL BE ROUTED IN SUCH A MANNER AGREEABLE TO THE ENGINEER. COORDINATE ALL SUCH WORK PRIOR TO INSTALLATION.
  - B. OBTAIN WRITTEN PERMISSION FROM ENGINEER OR OWNER'S REPRESENTATIVE PRIOR TO CUTTING, DRILLING OR WEAKENING STRUCTURAL COMPONENTS.
  - C. COORDINATE WITH OWNER'S REPRESENTATIVE TO FORM A WORK PLAN AND SCHEDULE. SOME AREAS OF THE BUILDING MAY BE OFF LIMITS TO THE CONTRACTOR DURING SPECIFIC HOURS. WORK PLAN SHALL BE SUBMITTED FOR APPROVAL.
- 1.4 PAINTING AND REPAIR
- A. ALL BUILDING MATERIALS, EQUIPMENT AND FURNITURE DAMAGED DURING THE INSTALLATION OF THE WORK MUST BE REPAIRED OR REPLACED WITH MATERIALS IN LIKE KIND AND QUALITY OF THE ORIGINAL BY SKILLED LABOR EXPERIENCED IN THAT BUILDING TRADE.
  - B. ITEMS SCRATCHED OR MARRED IN SHIPMENT OR INSTALLATION SHALL BE REFINISHED WITH TOUCHUP PAINT SELECTED TO MATCH INSTALLED EQUIPMENT FINISH.
- 1.5 REGULATIONS
- A. CODES: PERFORM ALL WORK IN ACCORDANCE WITH NATIONAL, STATE AND LOCAL CODES INCLUDING:
    1. NFPA 70 – NATIONAL ELECTRICAL CODE (NEC)
    2. NFPA 72 AND 101 – NATIONAL FIRE ALARM CODE AND NATIONAL LIFE SAFETY CODE
    3. ANSI/IEEE C2 – NATIONAL ELECTRICAL SAFETY CODE (NESC)
    4. INTERNATIONAL BUILDING CODE (IBC)
    5. INTERNATIONAL FIRE CODE (IFC)
    6. AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG)
    7. STATE OF ALASKA AMENDMENTS TO NEC, IBC, AND IFC
    8. MUNICIPALITY OF ANCHORAGE AMENDMENTS TO NEC, IBC AND IFC
    9. ALASKA ADMINISTRATIVE CODE 8AAC 70 ELECTRICAL SAFETY CODE
  - B. STANDARDS: PROVIDE ALL EQUIPMENT, MATERIALS AND INSTALLATION IN CONFORMANCE WITH THE FOLLOWING LATEST CURRENT PUBLICATIONS AND STANDARDS AS APPLICABLE.
    1. UNDERWRITER'S LABORATORY (UL)
    2. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
    3. AMERICAN SOCIETY OF TESTING AND MATERIALS (ASTM)
    4. ILLUMINATING ENGINEERING SOCIETY (IES)
    5. NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION (NECA)
    6. NATIONAL ELECTRICAL MANUFACTURERS' ASSOCIATION (NEMA)
    7. INTERNATIONAL ELECTRICAL TESTING ASSOCIATION (NETA)
  - C. CERTIFICATE OF INSPECTION: OBTAIN A CERTIFICATE OF ELECTRICAL INSPECTION FROM THE LOCAL INSPECTING AUTHORITY INDICATING FINAL ACCEPTANCE. SUBMIT TO OWNER UPON COMPLETION OF THE PROJECT AS PART OF PROJECT CLOSEOUT.
  - D. SAFETY MEASURES TO BE TAKEN: THE ENGINEER HAS NOT BEEN RETAINED OR COMPENSATED TO PROVIDE DESIGN AND CONSTRUCTION REVIEW SERVICES RELATING TO THE CONTRACTOR'S SAFETY PRECAUTIONS OR TO MEANS, METHODS, TECHNIQUES, SEQUENCES, OR PROCEDURES REQUIRED FOR THE CONTRACTOR TO PERFORM WORK. CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE DUTY OF THE ENGINEER TO CONDUCT CONSTRUCTION OBSERVATIONS OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON, OR NEAR CONSTRUCTION SITE.
- 1.6 QUALITY ASSURANCE
- A. WORKMANSHIP IS CONSIDERED IMPORTANT AND IS SUBJECT TO APPROVAL. EMPLOY WORKMEN SKILLED IN THE TRADE AND FAMILIAR WITH PARTICULAR TECHNIQUES APPLICABLE TO VARIOUS SECTIONS OF WORK.
  - B. PROVIDE ALL MATERIALS TO CONFORM WITH APPLICABLE INDUSTRY STANDARDS AND UNDERWRITERS LABORATORIES STANDARDS. WHENEVER POSSIBLE, SIMILAR ITEMS SHALL BE SUPPLIED BY THE SAME MANUFACTURER THROUGHOUT THE PROJECT.
- 1.7 SUBMITTALS
- A. CONTRACTOR SHALL SUBSTANTIATE CONFORMANCE TO THIS SPECIFICATION BY SUPPLYING THE NECESSARY DOCUMENTS, PERFORMANCE DATA AND WIRING DIAGRAMS. ANY DEVIATIONS TO THIS SPECIFICATION MUST BE CLEARLY STATED BY LETTER AND SUBMITTED FOR APPROVAL.
  - B. SUBMIT STANDARD CATALOG LITERATURE FOR ALL DIMMING SYSTEM AND LIGHT FIXTURES AND CONTROLS WHICH INCLUDES PERFORMANCE SPECIFICATIONS INDICATING COMPLIANCE TO THE SPECIFICATION. INCLUDE PHYSICAL DESCRIPTION, DRIVER DATA, ENERGY EFFICIENCY DATA, AND LIFE, OUTPUT, EFFICIENCY FOR ALL LUMINAIRE TYPES. PROVIDE SHOP DRAWINGS FOR THE DIMMING SYSTEM MODIFICATIONS.
  - C. CATALOG SHEETS MUST CLEARLY INDICATE COMPLETE PART NUMBERS AND MEANS OF ATTACHING LIGHT FIXTURES TO SUPPORTS, AND INDICATION THAT ATTACHMENT IS SUITABLE FOR COMPONENTS INVOLVED.
- 1.8 WARRANTY
- A. WARRANTY: THE CONTRACTOR SHALL GUARANTEE ALL WORK INSTALLED UNDER THIS SPECIFICATION AND MAKE GOOD, REPAIR, OR REPLACE AT THEIR OWN EXPENSE, ANY DEFECTIVE WORK, MATERIALS OR PARTS WITHIN ONE YEAR AFTER FINAL ACCEPTANCE, IF, IN THE OPINION OF THE ARCHITECT, SAID DEFECT IS DUE TO IMPERFECTION IN MATERIAL, DESIGN, OR WORKMANSHIP.
  - B. WARRANTY FOR LED LUMINAIRES: MANUFACTURER'S STANDARD FORM IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE FIXTURES THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN WARRANTY PERIOD.
- 1.9 EQUIPMENT SCHEDULES
- A. FIXTURE AND EQUIPMENT SCHEDULES ON THE DRAWINGS DENOTING CAPABILITIES, RATINGS, SIZES, ETC., SHOWN ARE THE MINIMUM ACCEPTABLE AND MAY NOT NECESSARILY CORRESPOND WITH CATALOG RATINGS OR EQUIPMENT SPECIFIED.

- PART 2 PRODUCTS**
- 2.1 GENERAL
- A. MATERIALS AND EQUIPMENT SHALL BE ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION AS SUITABLE FOR THE USE INTENDED. ALL ELECTRICAL EQUIPMENT SHALL BEAR THE SEAL OF A NATIONALLY RECOGNIZED TESTING LABORATORY FOR THE PURPOSE FOR WHICH IT IS INSTALLED.
- 2.2 LABELING
- A. PROVIDE TYPED CIRCUIT DIRECTORY FOR EACH BRANCH CIRCUIT PANEL BOARD IMPACTED BY THIS PROJECT. REVISE DIRECTORY TO REFLECT CIRCUITING CHANGES TO MATCH AS-BUILT CONDITIONS.
  - B. PROVIDE CIRCUIT LABELS AT ALL JUNCTION BOX AND OUTLET LOCATIONS. PROVIDE THERMAL LABELS INDICATING PANEL AND CIRCUIT NUMBER ON ALL RECEPTACLE FACE PLATES.
- 2.3 WIRING
- A. PROVIDE ALL CONDUCTORS SIZED PER NEC REQUIREMENTS INCLUDING ADJUSTMENT FACTORS FOR AMBIENT TEMPERATURE AND MORE THAN THREE CURRENT CARRYING CONDUCTORS PER RACEWAY. THE MINIMUM CONDUCTOR SIZE IS #12 AWG, OR AS SHOWN ON THE DRAWINGS.
  - B. PROVIDE ALL BRANCH CIRCUITS SIZED TO PROVIDE LESS THAN 3% VOLTAGE DROP FROM THE PANEL BOARD TO THE LAST DEVICE ON THE CIRCUIT. USE THE LOAD PROVIDED IN THE PANEL SCHEDULE FOR CALCULATIONS.
  - C. WIRING MAY BE "MC" CABLE AS ALLOWED BY THE NEC, WITH THE FOLLOWING EXCEPTIONS:
    1. FEEDERS TO ALL PANELS SHALL BE IN CONDUIT.
    2. ALL UNDERGROUND WIRING SHALL BE IN SCHEDULE 40 PVC CONDUIT.
    3. ALL EXPOSED WIRING SHALL BE IN EMT CONDUIT.
  - D. ALL CONDUCTORS SHALL BE COPPER.
  - E. PERFORM WIRING CONNECTIONS AND SPLICES ONLY IN ACCESSIBLE OUTLET OR JUNCTION BOXES.
  - F. MAKE SPLICES, TAPS, AND TERMINATIONS TO CARRY FULL AMPACITY OF CONDUCTORS WITH NO PERCEPTIBLE TEMPERATURE RISE.
  - G. WHERE STRANDED CONDUCTORS ARE TERMINATED ON SCREW TYPE TERMINALS, INSTALL CRIMP ON FORK TERMINALS. DO NOT PLACE BARE STRANDED CONDUCTORS DIRECTLY UNDER SCREWS.
  - H. THE PLAN DRAWINGS INDICATE SOME LIGHTING CIRCUITS TO BE REWIRED FROM A 277V PANEL TO A 120V PANEL USING PORTIONS OF THE EXISTING WIRING. THE EXISTING CONDUCTORS SHALL BE COLOR TAPED WITH 120V COLORS AT EACH JUNCTION BOX AND LABELED AS "120V".
- 2.4 RECEPTACLES
- A. GENERAL PURPOSE RECEPTACLES: SPECIFICATION GRADE, DUPLEX NEMA 5-20R, 120 VOLT, 20 AMP, UL 498 AND FSUL WC596-G, BACK AND SIDE WIRED, WHITE NYLON FACE. PASS AND SEYMOUR 5362-W, HUBBELL 5362-W, BRYANT 5362-W, LEVITON 5362-W.
- 2.5 WALL PLATES
- A. DECORATIVE COVER PLATE: COMMERCIAL GRADE STAINLESS STEEL.
- 2.6 DEVICES GENERAL
- A. INSTALL DEVICES PLUMB AND LEVEL.
  - B. INSTALL SWITCHES 48 INCHES ABOVE FLOOR, WITH OFF POSITION DOWN.
  - C. INSTALL WALL DIMMERS TO ACHIEVE FULL RATING SPECIFIED AND INDICATED AFTER DERATING FOR GANGING AS INSTRUCTED BY MANUFACTURER. PROVIDE SWITCHES THAT MATCH THE DRIVER FOR THE FIXTURE.
  - D. INSTALL RECEPTACLES WITH GROUNDING POLE ON BOTTOM.
  - E. INSTALL STAINLESS STEEL DECORATIVE PLATES ON SWITCH, RECEPTACLE, AND BLANK OUTLETS IN FINISHED AREAS.
- 2.7 GROUNDING
- A. EQUIPMENT GROUNDING CONDUCTOR: INSTALL SEPARATE, INSULATED CONDUCTOR WITHIN EACH BRANCH CIRCUIT RACEWAY. TERMINATE EACH END ON SUITABLE LUG, BUS, OR BUSHING. PROVIDE BOND TO EVERY ELECTRICAL BOX AND ENCLOSURE.
- 2.8 LED LIGHTING FIXTURES
- A. PROVIDE IN ACCORDANCE WITH LIGHTING FIXTURE SCHEDULE ON DRAWINGS AND AS SHOWN ON LIGHTING PLANS.
  - B. LED LAMP LIFE OF 50,000 HOURS MINIMUM BASED ON A 70% LUMEN OUTPUT AT 50,000 HOURS. LED FIXTURE PHOTOMETRIC TESTING IN ACCORDANCE WITH IESNA LM-79-2008. LED METHOD OF MEASURING LUMEN DEPRECIATION OF THE LED LIGHT SOURCE SHALL BE IESNA LM-80-2008. LED FIXTURE COMPONENTS SHALL COMPLY WITH UL 8750.
  - C. CORRELATED COLOR TEMPERATURE (CCT) AS INDICATED ON THE LIGHT FIXTURE SCHEDULE.
  - D. ALL LIGHTING FIXTURES INDEPENDENTLY SUPPORTED FROM STRUCTURE AND NOT SOLELY SUPPORTED BY CEILING. PROVIDE SUPPORT PER IBC REQUIREMENTS.
  - E. SET TRUE, FREE OF LIGHT LEAKS, WARPS, DENTS, OR OTHER IRREGULARITIES.
  - F. PROVIDE IN ACCORDANCE WITH LIGHTING FIXTURE SCHEDULE ON DRAWINGS AND AS SHOWN ON LIGHTING PLANS. FIXTURE SCHEDULE CONTAINS SPECIFIC REQUIREMENTS FOR DRIVER TYPE, LENS TYPE, LAMP LIFE, CRI, ETC.
  - G. LED DRIVER SHALL BE ROHS COMPLIANT WITH INTEGRAL THERMAL PROTECTION THAT REDUCES OR ELIMINATES THE OUTPUT POWER IF CASE TEMPERATURE EXCEEDS A VALUE DETRIMENTAL TO THE DRIVER. DRIVER SHALL HAVE CLASS A SOUND RATING.
  - H. PROVIDE ALL LIGHT FIXTURES AND LIGHTING EQUIPMENT WITH FACTORY APPLIED PAINTING SYSTEM THAT AT A MINIMUM, MEETS REQUIREMENTS OF NEMA 250 CORROSION RESISTANCE TEST.
- 2.9 EMERGENCY LIGHTING
- A. MAINTAIN CONNECTION OF EMERGENCY LIGHTING CIRCUITS TO ALL FIXTURES BEING REPLACED OR RETROFIT. UPON COMPLETION OF INSTALLATION, PERFORM TEST OF EMERGENCY LIGHTING SYSTEM.
- 2.10 LIGHTING CONTROLS
- A. INSTALL LIGHTING CONTROLS AS INDICATED ON THE DRAWINGS. CONFIRM OCCUPANCY SENSOR COVERAGE WITH MANUFACTURER'S REPRESENTATIVE AND PROVIDE AS REQUIRED TO ACHIEVE PROPER COVERAGE. TEST ALL LIGHTING CONTROLS TO CONFIRM OPERATION UPON COMPLETION OF INSTALLATION.
- 2.11 MODULAR DIMMING SYSTEM
- A. SUMMARY: PROVIDE MODIFICATIONS AND REPAIR TO THE EXISTING ETC (ELECTRONIC THEATER CONTROLS) DIMMING SYSTEM AND NEW ETC STAGE LIGHTING PER THE DRAWINGS. THE MAJOR EQUIPMENT COMPONENTS OF THE SCOPE OF WORK ARE IDENTIFIED ON A DIMMING SYSTEM SCHEDULE ON THE DRAWINGS. NO SUBSTITUTIONS ALLOWED FOR THE ETC EQUIPMENT.
  - B. ALL NEW EQUIPMENT SHALL BE COMPATIBLE WITH EXISTING ETC LIGHTING CONTROL SYSTEM POWER ENCLOSURE AND COMPONENTS.
  - C. ENGAGE AN ETC (ELECTRONIC THEATER CONTROLS) FACTORY-AUTHORIZED SERVICE REPRESENTATIVE FOR INSTALLATION, STARTUP, CONTROL, AIMING AND FOCUSING OF THE STAGE LIGHTING SYSTEM.
- 2.12 TELECOMMUNICATIONS CABLING SYSTEM
- A. PROVIDE A COMPLETE AND FUNCTIONAL CATEGORY 6 TELECOMMUNICATIONS CABLING SYSTEM INCLUDING COMMUNICATIONS CABLE, TELECOMMUNICATIONS JACKS, RACEWAYS, AND OTHER EQUIPMENT OR COMPONENTS AS REQUIRED TO ACHIEVE THE SPECIFIED FUNCTION.
  - B. ALL UTP TELECOMMUNICATIONS CABLES SHALL BE UL LISTED, PLENUM-RATED CL2P, CATEGORY 6, 4 PAIR, 23-24 AWG, SOLID COPPER CONDUCTOR. SUPERIOR ESSEX "OSP CAT 6" OR EQUAL.
  - C. ALL UTP TELECOMMUNICATIONS JACKS SHALL BE CATEGORY 6, T568A/B, 8P8C, SINGLE, WHITE FINISH, TELECOMMUNICATIONS JACK WITH FLUSH EXIT. ALL JACKS SHALL BE WIRED USING THE T568B WIRING CONFIGURATION. ORTRONICS "TRACJACK CLARITY 6" #OR-TJ600 OR EQUAL. ALL FACEPLATES SHALL BE SINGLE-GANG PLASTIC FACEPLATES WITH WHITE FINISH.

**PART 3 EXECUTION**

- 3.1 GENERAL
- A. ALL MATERIALS SHALL BE NEW, FREE FROM DEFECTS AND ARRIVE AT THE JOB SITE IN THEIR ORIGINAL UNOPENED CONTAINER.
  - B. INSTALL ALL ELECTRICAL EQUIPMENT USING MANUFACTURERS RECOMMENDED METHODS, UNLESS SPECIFICALLY APPROVED BY THE OWNER'S REPRESENTATIVE.
- 3.2 FIRESTOPPING
- A. APPLY FIRESTOPPING TO PENETRATIONS OF FIRE-RATED CEILING AND WALL ASSEMBLIES FOR ELECTRICAL INSTALLATIONS TO RESTORE ORIGINAL FIRE-RESISTANCE RATING OF ASSEMBLY.
- 3.3 EXISTING CONDITIONS
- A. GENERAL: SPECIFIC SCOPE OF DEMOLITION WORK AND OPERATING CONDITIONS TO BE ENCOUNTERED SHALL BE VERIFIED BY ON-SITE REVIEW PRIOR TO SUBMITTING BID. DEMOLITION WORK IN GENERAL IS NOTED OR SHOWN ON THE DOCUMENTS BASED UPON AVAILABLE "DRAWINGS OF RECORD" AND MAY NOT SHOW THE ACTUAL CONDITIONS AS THEY PRESENTLY EXIST. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF EXISTING EQUIPMENT AND WIRING TO BE RETAINED OR REINSTALLED AND SHALL REPLACE ANY EQUIPMENT DAMAGED DURING THE PROCESS OF REMOVAL AND REINSTALLATION.
  - B. OWNER RETAINED EQUIPMENT: THE OWNER MAY WISH TO RETAIN CERTAIN SPECIFIC ITEMS SCHEDULED FOR DEMOLITION. THE CONTRACTOR SHALL CAREFULLY REMOVE THESE ITEMS, PROVIDE PROTECTION AND PACKAGING AS MAY BE REQUIRED TO PROTECT THE EQUIPMENT AND TURN OVER SAID EQUIPMENT TO THE OWNER AT A PLACE DESIGNATED ON THE JOBSITE. ANY EQUIPMENT THAT THE OWNER DOES NOT DESIRE TO RETAIN SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE REMOVED FROM THE SITE.
- 3.4 DISPOSAL
- A. CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ALL MATERIAL REMOVED FROM THIS PROJECT, INCLUDING LAMPS AND BALLASTS WHICH REQUIRE SPECIAL HANDLING AND/OR DISPOSAL. ALL NON-HAZARDOUS/SANITARY WASTE SHALL BE DISPOSED OF BY MUNICIPALITY OF ANCHORAGE SOLID WASTE SERVICES.
  - B. ALL LAMPS AND BALLASTS MUST BE DISPOSED IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL WASTE DISPOSAL REGULATIONS. THESE INCLUDE THE U.S. EPA UNIVERSAL WASTE RULES FOR DISPOSAL OF LAMPS CONTAINING MERCURY AND THE US TOXICS SUBSTANCES CONTROL ACT AND EPA RULES FOR DISPOSAL OF BALLASTS CONTAINING PCBs.
  - C. ALL LIGHTING BALLASTS THAT CONTAIN PCB OR ARE NOT MARKED "NOT CONTAINING PCB", MUST BE DISPOSED OF BY A HAZARD WASTE DISPOSAL COMPANY THAT HAS A CONTRACT WITH A TOXIC SUBSTANCE CONTROL ACT (TSCA) APPROVED FACILITY. THE LIGHTING BALLASTS MUST BE PACKAGED, LABELED AND SHIPPED TO A TSCA APPROVED FACILITY IN ACCORDANCE WITH ALL APPLICABLE EPA AND DOT REGULATIONS.
- 3.5 INSTALLATION
- A. INSTALL LIGHTING FIXTURES IN ACCORDANCE WITH FIXTURE MANUFACTURER'S WRITTEN INSTRUCTIONS, APPLICABLE REQUIREMENTS OF NEC, NECA'S "STANDARDS OF INSTALLATION", NEMA STANDARDS, AND WITH RECOGNIZED INDUSTRY PRACTICES TO ENSURE THAT LIGHTING FIXTURES FULFILL REQUIREMENTS.
  - B. FIXTURES MOUNTED IN OPEN STRUCTURE SHALL BE SECURED DIRECTLY TO THE BUILDING STRUCTURE WITH APPROVED BOLTING AND CLAMPING DEVICES.
  - C. ALL LIGHTING FIXTURES SHALL BE RESTRAINED FROM LATERAL DISPLACEMENT IN ACCORDANCE WITH ASCE 7-10, SECTION 13.6 OR SHALL COMPLY WITH ASCE 7-10, SECTION 13.6.1 EXCEPTION WHICH FOR FIXTURES SUPPORTED BY CHAIN OR OTHERWISE SUSPENDED, PERMITS DESIGN OF LIGHT FIXTURE CONNECTIONS TO 1.4 TIMES THE WEIGHT OF THE FIXTURE ACTING DOWNWARD AND ANY HORIZONTAL DIRECTION. SUSPENDED LIGHT FIXTURES SHALL NOT INTERFERE WITH ADJACENT OBJECTS WHEN SWINGING 45 DEGREES FROM VERTICAL. SUSPENDED LIGHT FIXTURES SHALL ALLOW A 360 DEGREE RANGE OF MOTION IN THE HORIZONTAL PLANE.
- 3.6 CONSTRUCTION OBSERVATION AND FINAL ACCEPTANCE
- A. SITE REVIEW: ON-SITE MEETINGS OR REVIEWS OF CONSTRUCTION BY THE ENGINEER SHALL NOT BE CONSTRUED AS ACCEPTANCE BY THESE PARTIES AS RELATED TO QUANTITIES, ROUGH-IN LOCATIONS, AND COMPLIANCE WITH CODE ENFORCING AUTHORITIES.
  - B. TESTING: THE CONTRACTOR SHALL TEST ALL WIRING AND ALL ELECTRICAL EQUIPMENT TO VERIFY THE ABSENCE OF GROUNDS AND SHORT CIRCUITS. THE CONTRACTOR WILL BE RESPONSIBLE FOR SCHEDULING OF TESTS AND DEMONSTRATIONS AT TIMES MUTUALLY ACCEPTABLE TO THE OWNER. ALL EQUIPMENT SHALL BE DEMONSTRATED TO OPERATE IN ACCORDANCE WITH THE REQUIREMENTS OF THIS SPECIFICATION AND THE MANUFACTURER'S RECOMMENDATIONS. OPERATE EVERY DEVICE MANUALLY AND AUTOMATICALLY IN ACCORDANCE WITH ITS PURPOSE. TESTS SHALL BE PERFORMED IN THE PRESENCE OF THE OWNER OR DESIGNATED REPRESENTATIVE. ALL INSTRUMENTS AND PERSONNEL REQUIRED TO CONDUCT THE TEST SHALL BE PROVIDED BY THE CONTRACTOR. OPERATIONAL TEST: ENGAGE AN ETC (ELECTRONIC THEATER CONTROLS) FACTORY-AUTHORIZED SERVICE REPRESENTATIVE TO SET AND OPERATE CONTROLS TO DEMONSTRATE THEIR FUNCTIONS AND CAPABILITIES IN A METHODOLOGICAL SEQUENCE THAT CUES AND REPRODUCES ACTUAL OPERATING FUNCTIONS.
    1. INCLUDE TESTING OF MODULAR DIMMING CONTROL EQUIPMENT AND NEW STAGE LIGHTING EQUIPMENT UNDER CONDITIONS THAT SIMULATE ACTUAL OPERATIONAL CONDITIONS. RECORD CONTROL SETTINGS, OPERATIONS, CUES, AND FUNCTIONAL OBSERVATIONS.
  - D. ENGAGE AN ETC (ELECTRONIC THEATER CONTROLS) FACTORY-AUTHORIZED SERVICE REPRESENTATIVE TO TRAIN OWNER'S MAINTENANCE PERSONNEL TO ADJUST, OPERATE, AND MAINTAIN MODULAR DIMMING CONTROLS FOR THE MODULAR DIMMING SYSTEM AND THE NEW STAGE LIGHTING. MINIMUM 4 HOURS TRAINING TIME.
  - E. FIRE ALARM PANEL SHALL BE TESTED AND CERTIFIED PER NFPA 72 AND STATE OF ALASKA/MOA REACCEPTANCE TESTING REQUIREMENTS. PROVIDE TEST REPORT TO AHJ AS REQUIRED.
  - F. THE SECURITY SYSTEM SHALL BE TESTED TO CONFIRM OPERATION OF DEVICES RELOCATED. PROVIDE TEST REPORT TO OWNER.
  - G. TELECOMMUNICATIONS CABLING SYSTEM TEST: EACH UTP CABLE SHALL BE TESTED FOR COMPLIANCE WITH TIA/EIA 568C CATEGORY 6 STANDARDS AFTER INSTALLATION USING A FLUKE #DTX OR APPROVED EQUAL
  - H. SUBMIT COPIES OF FINAL INSPECTION CERTIFICATES AND RECEIPTS FOR LOOSE MATERIALS (SPARE DEVICES, LAMPS, ETC.) TURNED OVER TO THE OWNER.

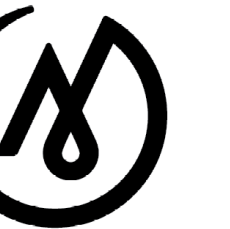


SPACE RESERVED FOR MOA PERMIT STAMP

F O R:

● SUBMITTAL

● PRICING



**MCG EXPLORE DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
explore设计.com



100 F Street  
Anchorage, AK 99501  
ph 907.276.6664  
www.coffman.com



Owner

**ALASKA NATIVE HERITAGE CENTER REMODEL**

8800 Heritage Center Drive,  
Anchorage, Alaska

**BID CONSTRUCTION DOCUMENTS**

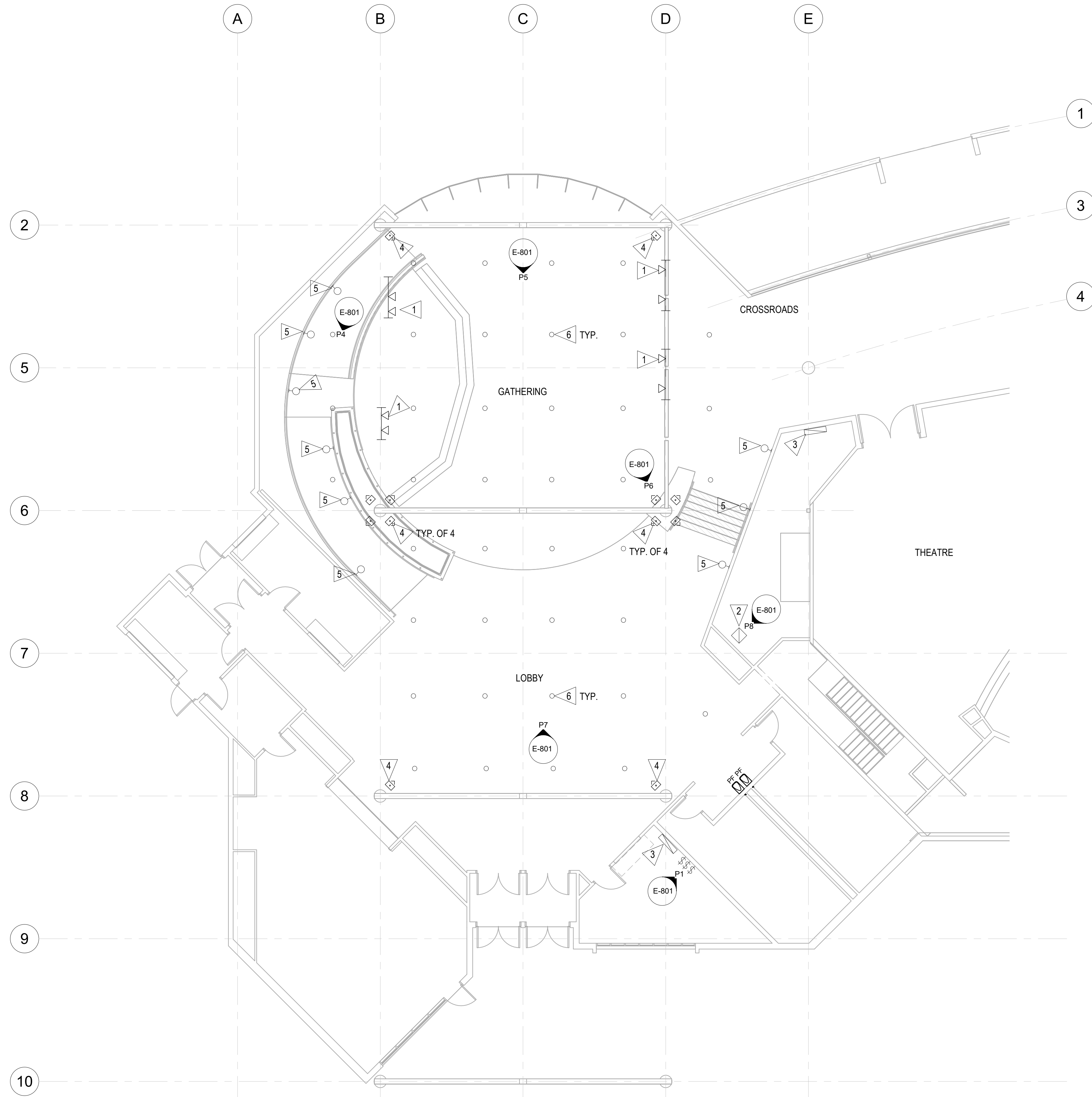
JOB NO.	231248
DATE:	10.15.2023
PROJ. MGR.:	DCN
DRAWN BY:	MAG
REVIEWED BY:	LRH
REVISIONS:	

**ELECTRICAL SPECIFICATIONS**

SHEET NO.

**E-002**





SPACE RESERVED FOR MOA PERMIT STAMP

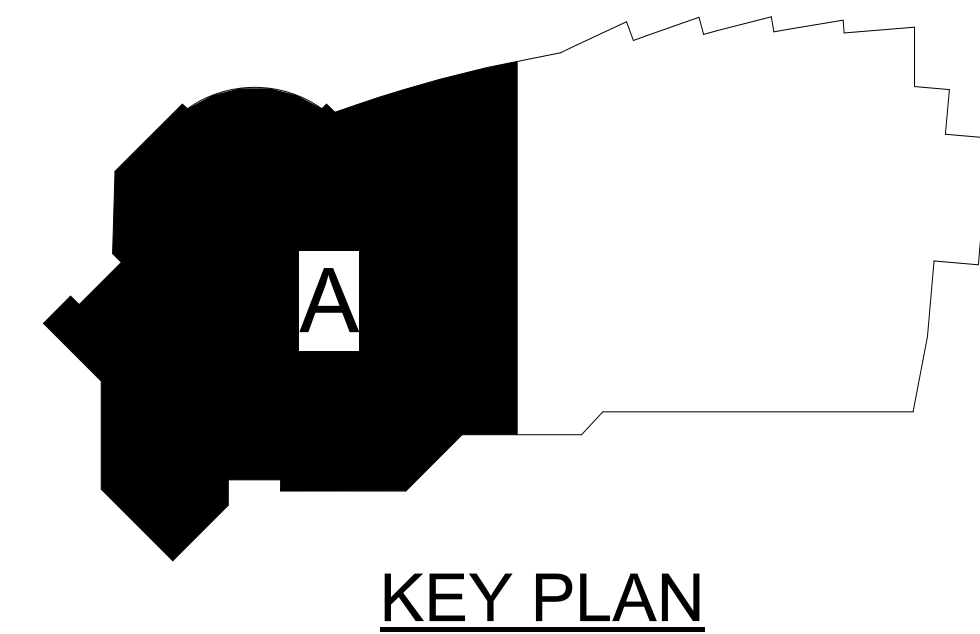
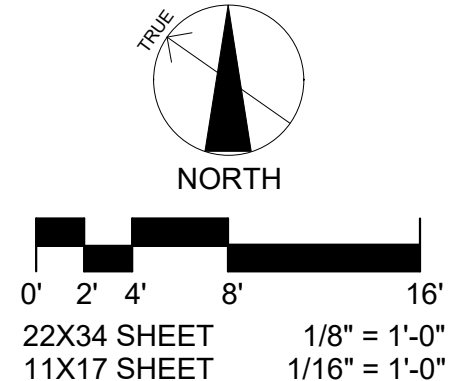
**GENERAL NOTES**

- 1. REFER TO LIGHTING PLAN FOR (E) EXISTING TO REMAIN LIGHTS IN AREA OF WORK.

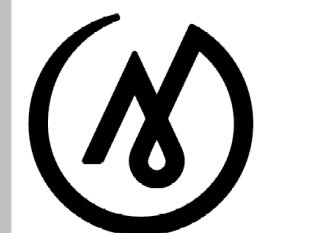
**SHEET NOTES**

- 1 REMOVE BEAM TRACK AND ASSOCIATED TRACK MOUNTED LIGHTS. TURN OVER TRACK LIGHTS TO OWNER. REFER TO SHEET E-101 FOR INFORMATION ON RE-USE OF THE LIGHTING CIRCUIT.
- 2 REMOVE EXISTING ETC UNISON LIGHTING CONTROL PANEL. REFER TO LIGHTING PLAN AND DIMMING SYSTEM RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- 3 REMOVE THE WALL MOUNTED DIMMING SYSTEM TOUCH SCREEN SCENE CONTROL STATION. COIL EXISTING WIRE IN J-BOX FOR FUTURE RE-USE. PROVIDE BLANK STAINLESS STEEL COVER PLATE OVER JUNCTION BOX.
- 4 REMOVE PENDANT MOUNTED LIGHTS AROUND COLUMNS. REFER TO LIGHTING PLAN FOR ADDITIONAL INFORMATION.
- 5 REMOVE RECESS WALL MOUNTED LIGHTS AT 18" ABOVE FINISH FLOOR. REFER TO LIGHTING PLAN FOR ADDITIONAL INFORMATION.
- 6 PROVIDE PARTIAL DEMOLITION OF HIGH CEILING RECESS CAN LIGHTS. THE LIGHTS SHALL BE RETROFIT WITH LED KIT. REFER TO LIGHTING PLAN FOR ADDITIONAL INFORMATION.

**1 ELECTRICAL DEMOLITION FLOOR PLAN - AREA A**  
ED101 1/8" = 1'-0"



F O R:  
● SUBMITTAL  
○ PRICING



**MCG EXPLORE DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
exploredesign.com



**COFFMAN ENGINEERS**  
100 F Street  
Anchorage, AK 99501  
ph 907.276.6664  
www.coffman.com AEC249



Owner

**ALASKA NATIVE HERITAGE CENTER REMODEL**

8800 Heritage Center Drive,  
Anchorage, Alaska

**BID CONSTRUCTION DOCUMENTS**

JOB NO.	231248
DATE:	10.15.2023
PROJ. MGR.:	DCN
DRAWN BY:	MAG
REVIEWED BY:	LRH
REVISIONS:	

**ELECTRICAL DEMOLITION FLOOR PLAN - AREA A**

SHEET NO.  
**ED101**

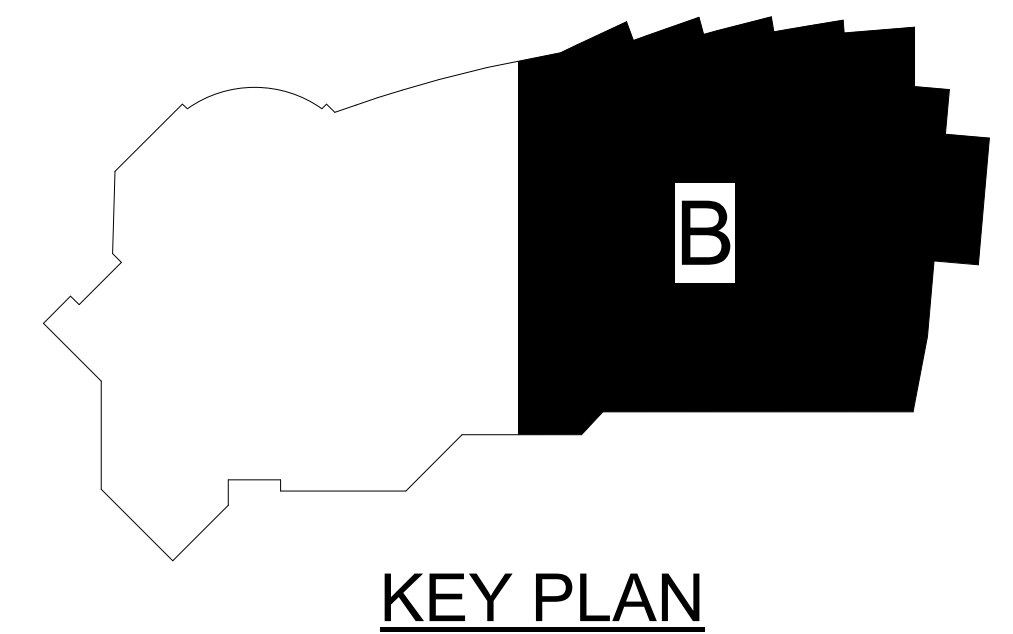


**GENERAL NOTES**

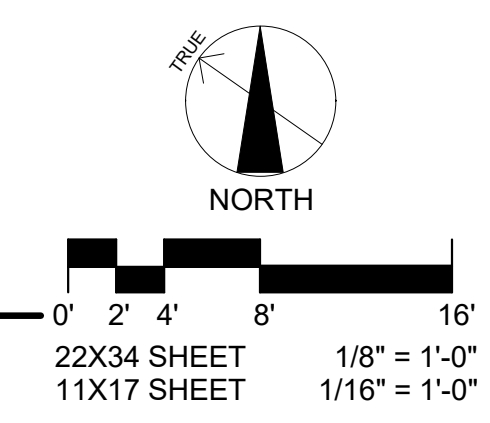
1. DEVICES INDICATED WITH AN "R" ARE TO BE RELOCATED. REFER TO NEW PLANS FOR NEW LOCATIONS.
2. DEVICES INDICATED WITH AN "E" ARE EXISTING TO REMAIN AND SHOWN FOR REFERENCE PURPOSES. CONTRACTOR TO MAINTAIN CIRCUITRY OF EXISTING DEVICES TO REMAIN BY EXTENDING WIRING AS REQUIRED FOR DEVICES REMOVED.
3. PROVIDE COMPLETE DEMOLITION OF ITEMS SHOWN, PORTION OF CONCEALED CONDUIT AND WIRING MAY BE REUSED IF IT MEETS ALL PROJECT AND NEC CODE REQUIREMENTS.

**SHEET NOTES**

- 1 REMOVE WALL MOUNTED UPLIGHTS. MAINTAIN EXISTING OUTLET AND WIRING FOR REPLACEMENT FIXTURE. SEE LIGHTING PLANS FOR REPLACEMENT FIXTURE.
- 2 REMOVE THE WALL MOUNTED DIMMING SYSTEM TOUCH SCREEN SCENE CONTROL STATION. COIL EXISTING WIRE IN J-BOX FOR FUTURE RE-USE. PROVIDE BLANK STAINLESS STEEL COVER PLATE OVER JUNCTION BOX.
- 3 REMOVE FIRE ALARM PULL STATION INCLUDING CONDUIT AND WIRE. RETAIN DEVICES AND TURN OVER TO OWNER.
- 4 RELOCATE FIRE ALARM HORN STROBE AND SECURITY SYSTEM MOTION SENSOR AS REQUIRED FOR NEW WALL SURFACE.
- 5 REMOVE TELECOM OUTLET AND WIRING BACK TO THE TELECOM RACK.
- 6 REMOVE FIRE ALARM SMOKE DETECTOR AND HORN STROBES. RETAIN DEVICES THAT ARE NOT TO BE RELOCATED AND TURN OVER TO OWNER.
- 7 REMOVE EXHAUST FAN EF-3 AND ASSOCIATED WIRING. LABEL CIRCUIT M:9 AS A SPARE.

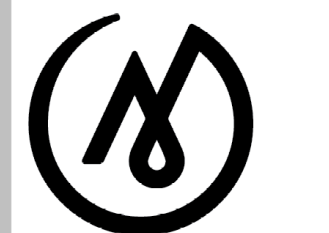


**1 ELECTRICAL DEMOLITION FLOOR PLAN - AREA B**  
ED102 1/8" = 1'-0"



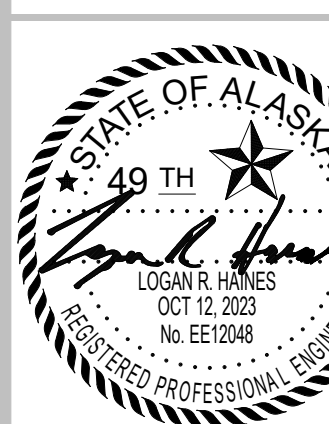
F O R:  
 ● SUBMITTAL  
 ○ PRICING

SPACE RESERVED FOR MOA PERMIT STAMP



**MCG EXPLORE DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com



Owner

**ALASKA NATIVE HERITAGE CENTER REMODEL**

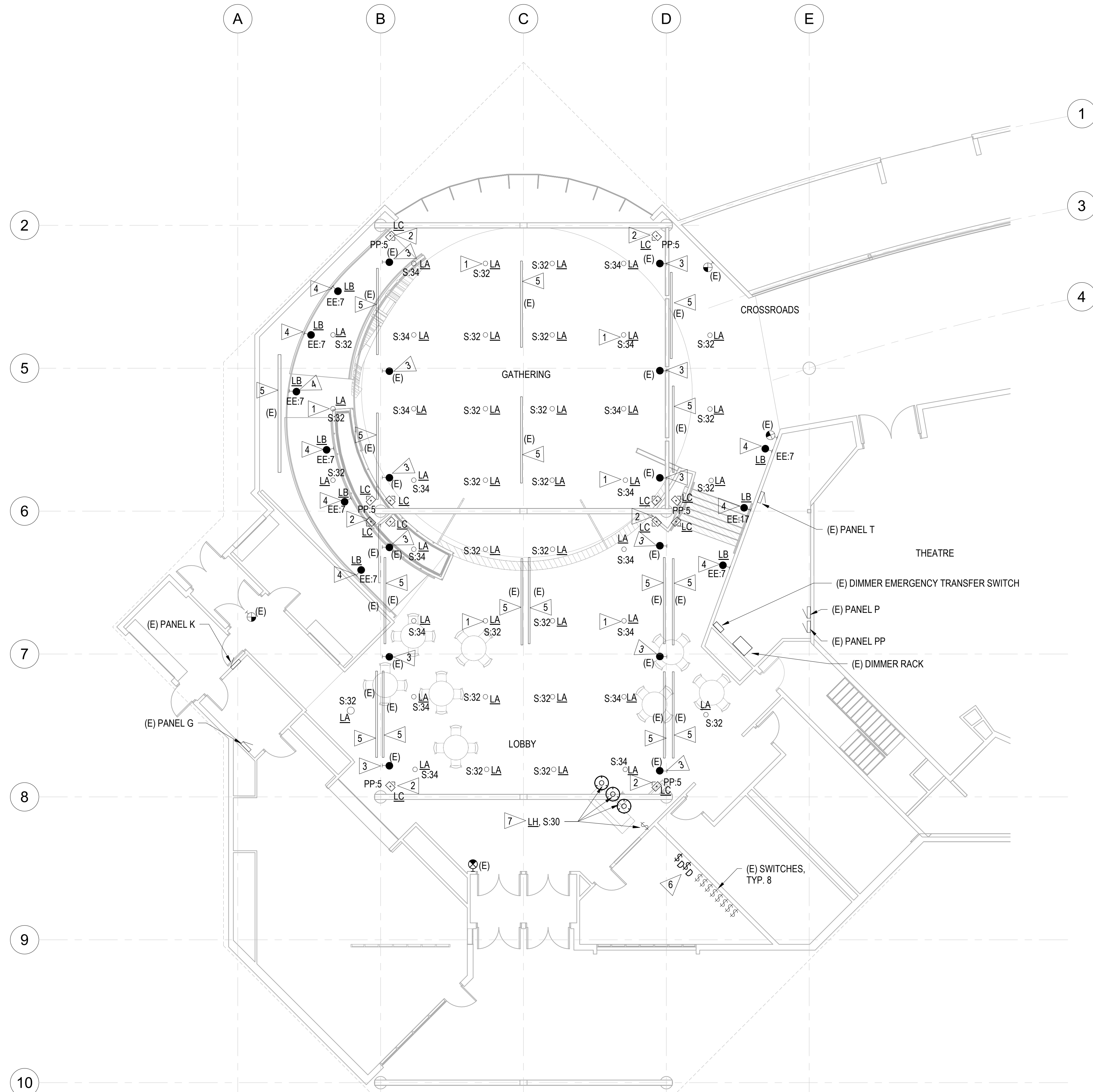
8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION DOCUMENTS**

JOB NO.	231248
DATE:	10.15.2023
PROJ. MGR.:	DCN
DRAWN BY:	MAG
REVIEWED BY:	LRH
REVISIONS:	

**ELECTRICAL DEMOLITION FLOOR PLAN - AREA B**

SHEET NO.  
**ED102**



F O R:  
 ● SUBMITTAL  
 ○ PRICING

SPACE RESERVED FOR MOA PERMIT STAMP

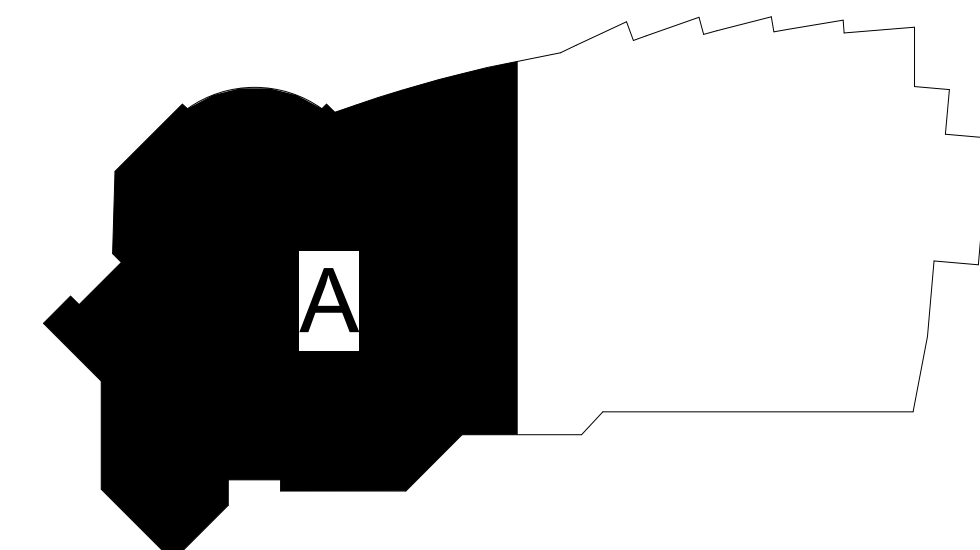
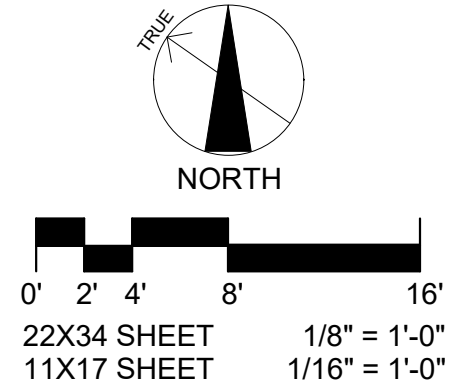
**GENERAL NOTES**

1. MAINTAIN CONNECTIVITY OF ALL EXISTING EXIT SIGNS AND EMERGENCY LIGHTS TO REMAIN.
2. VERIFY CEILING TYPES AND FIXTURE MOUNTING REQUIREMENTS PRIOR TO ORDERING LIGHT FIXTURES. PROVIDE COMPATIBLE MOUNTING ACCESSORIES AND ALL TRIM FLANGES, SUPPORTS, OUTLET BOXES, FOR A COMPLETE AND FINISHED INSTALLATION. REFER TO EXISTING CONDITIONS PHOTOS SHEET E-801 FOR REFERENCE.
3. NEW AND EXISTING LIGHTING IS SHOWN ON THESE PLANS IN AREA OF REMODEL ONLY. ALL OTHER EXISTING LIGHTING TO REMAIN (NOT SHOWN). RECORD DRAWINGS ARE AVAILABLE INDICATING THE EXISTING CONDITIONS.
4. CIRCUITING FOR REPLACEMENT AND RETROFIT FIXTURES IS INDICATED BASED ON RECORD DRAWINGS AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
5. REFER TO LIGHT FIXTURE SCHEDULE FOR ADDITIONAL FIXTURE INFORMATION.
6. REFER TO SHEETS E-103 AND E-501 FOR ADDITIONAL PROJECT SCOPE REGARDING DIMMING SYSTEM REPAIRS AND ALTERNATE BID ITEM #6 FOR NEW STAGE LIGHTING.

**SHEET NOTES**

1. RETROFIT FIXTURE TYPE LA WITH LED RETROFIT MODULE. REMOVE INTERIOR COMPONENTS OF THE RECESSED CAN LIGHT FIXTURE AND RETROFIT WITH LED LIGHT ENGINE MODULE. REUSE EXISTING SLOPED CEILING TRIM. INTERCEPT EXISTING 277V HOMERUNS AND EXTEND CONDUIT AND WIRING TO 120V PANELS AS INDICATED BY CIRCUIT NUMBERS ON PLAN (REWIRE FROM PP-3 TO S-32 AND SS-2 TO S-34). COLOR TAPE THE EXISTING CONDUCTORS WITH 120V COLORS AT EACH JUNCTION BOX AND LABEL AS "120V". PROVIDE NEW DIMMERS FOR CONTROL. REFER TO SHEET NOTE 6 FOR MORE INFORMATION ON DIMMER SWITCHES.
2. REPLACE PENDANT MOUNTED LIGHT FIXTURES WITH TYPE LC FIXTURE. REMOVE EXISTING REMOTE BALLAST AND CONNECT TO EXISTING CIRCUIT. MAINTAIN CONTROL FROM EXISTING SWITCH LOCATED IN ROOM 164.
3. MAINTAIN CONNECTIVITY OF THE EXISTING BRACKET MOUNTED LIGHTS, MOUNTED TO THE BEAMS. THESE EXISTING LIGHTS ARE WIRED TO THE EMERGENCY PANEL "E" VIA A UL 1008 TRANSFER SWITCH SUCH THAT THE FIXTURES ONLY OPERATE ON LOSS OF NORMAL POWER AND SERVE AS THE EMERGENCY EGRESS LIGHTING.
4. REPLACE RECESS WALL MOUNTED LIGHTS MOUNTED AT 18" AFF WITH TYPE LB FIXTURE AND CONNECT TO EXISTING CIRCUIT AND MAINTAIN EXISTING CONTROLS. INSTALLATION MAY REQUIRE PATCH AND REPAIR OF SHEETROCK WALL SURFACE. THESE LIGHTS ARE WIRED TO THE EMERGENCY PANEL "EE" VIA A UL 1008 TRANSFER SWITCH SUCH THAT THE FIXTURES OPERATE ON LOSS OF NORMAL POWER AND SERVE AS THE EMERGENCY EGRESS LIGHTING.
5. MAINTAIN CONNECTIVITY OF EXISTING TRACK LIGHTING TO REMAIN.
6. REPLACE THE SINGLE POLE LIGHT SWITCHES CONTROLLING TYPE LA CAN LIGHTS WITH TWO-WIRE, 120V DIMMER SWITCHES COMPATIBLE WITH NEW TYPE LA RETROFIT LED FIXTURES. REFER TO SHEET NOTE 1 FOR WIRING REQUIREMENTS. REFER TO PHOTO P1/E-801.
7. PROVIDE THREE TYPE LH LAMPSHADE STYLE LED FIXTURES SUSPENDED AT 10' AFF. OVER RECEPTION DESK. PROVIDE SINGLE POLE LIGHT SWITCH FOR CONTROL.

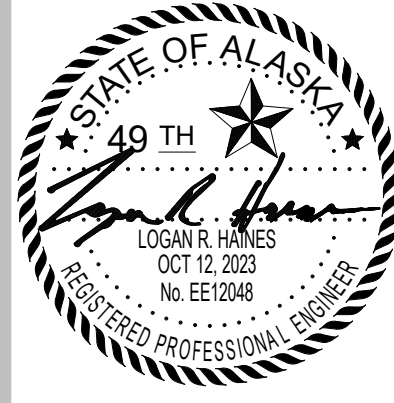
**1 LIGHTING FLOOR PLAN - AREA A**  
 E-101 1/8" = 1'-0"



**KEY PLAN**

MCG EXPLORE DESIGN  
 421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com

COFFMAN ENGINEERS  
 100 F Street  
 Anchorage, AK 99501  
 ph 907.276.6664  
 www.coffman.com



Owner  
**ALASKA NATIVE HERITAGE CENTER REMODEL**

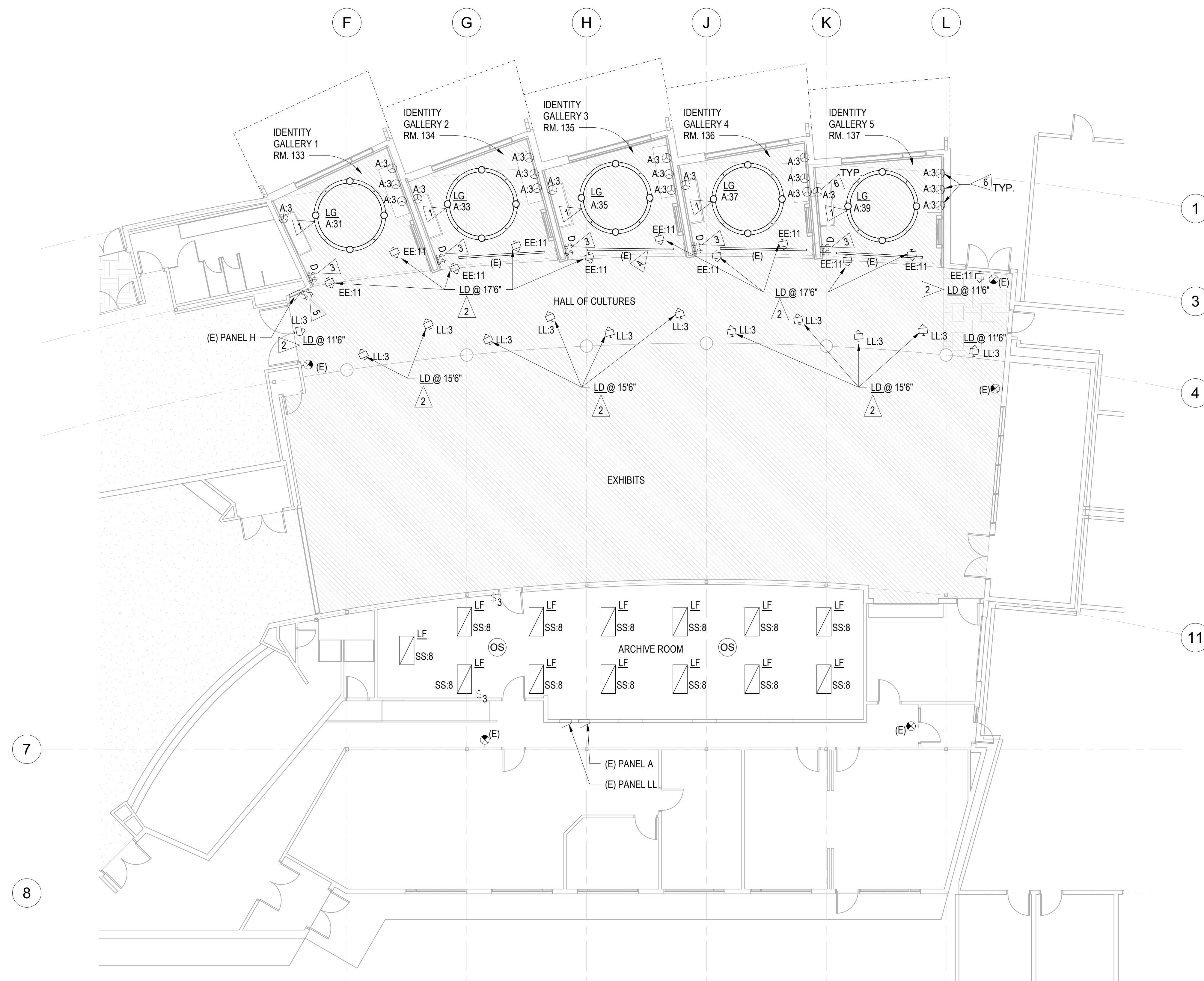
8800 Heritage Center Drive, Anchorage, Alaska

**BID CONSTRUCTION DOCUMENTS**

JOB NO.	231248
DATE:	10.15.2023
PROJ. MGR.:	DCN
DRAWN BY:	MAG
REVIEWED BY:	LRH
REVISIONS:	

**LIGHTING FLOOR PLAN - AREA A**

SHEET NO.  
**E-101**



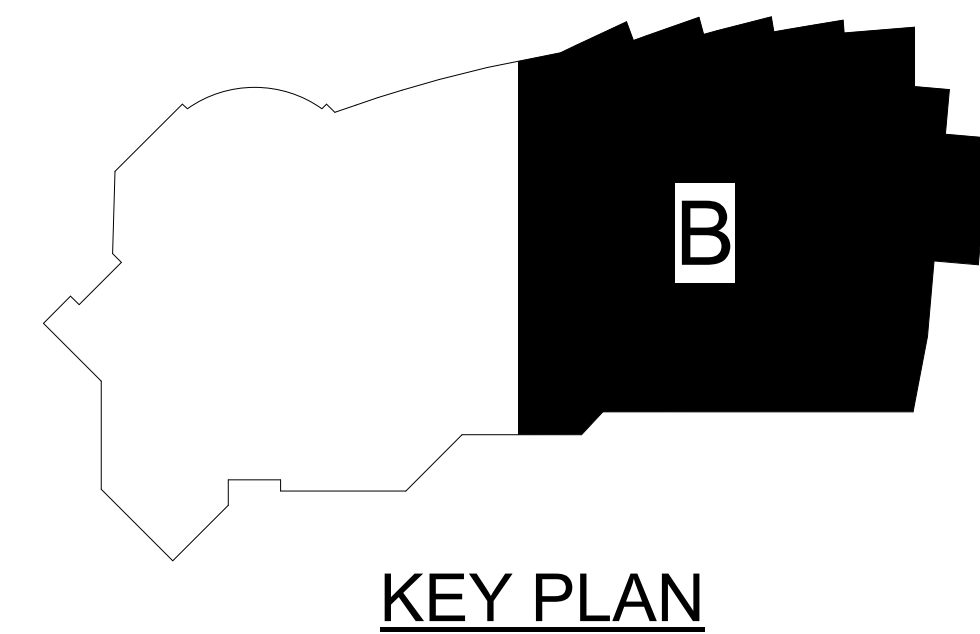
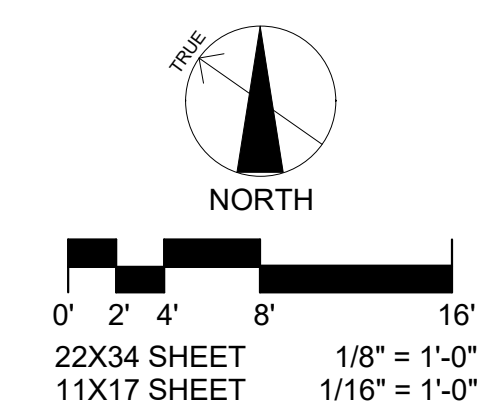
**GENERAL NOTES**

1. MAINTAIN CONNECTIVITY OF ALL EXISTING EXIT SIGNS AND EMERGENCY LIGHTS TO REMAIN.
2. VERIFY CEILING TYPES AND FIXTURE MOUNTING REQUIREMENTS PRIOR TO ORDERING LIGHT FIXTURES. PROVIDE COMPATIBLE MOUNTING ACCESSORIES AND ALL TRIM FLANGES, SUPPORTS, OUTLET BOXES, ETC. FOR A COMPLETE AND FINISHED INSTALLATION. REFER TO EXISTING CONDITIONS PHOTOS SHEET E-801 FOR REFERENCE.
3. NEW AND EXISTING LIGHTING IS SHOWN ON THESE PLANS IN AREA OF REMODEL ONLY. ALL OTHER EXISTING LIGHTING TO REMAIN (NOT SHOWN). RECORD DRAWINGS ARE AVAILABLE INDICATING THE EXISTING CONDITIONS.
4. CIRCUITING FOR REPLACEMENT AND RETROFIT FIXTURES IS INDICATED BASED ON RECORD DRAWINGS AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
5. REFER TO LIGHT FIXTURE SCHEDULE FOR ADDITIONAL FIXTURE INFORMATION.

**SHEET NOTES**

- 1 SUSPEND NEW TYPE LG FIXTURE AT 10'-10" ABOVE FINISH FLOOR USING STAINLESS STEEL CABLES FROM FOUR MOUNTING POINTS ON SLOPED CEILING. PROVIDE ALL MOUNTING HARDWARE AS REQUIRED. EACH FIXTURE IS A UNIQUE COLOR TO BE COORDINATED WITH THE ARCHIECT.
- 2 REPLACE EXISTING WALL MOUNTED LIGHTS WITH TYPE LD WALL MOUNTED LED UPLIGHT. MAINTAIN EXISTING CONTROL AND CONNECT TO EXISTING CIRCUIT. LIGHTS ON NORTH SIDE ARE WIRED TO EMERGENCY PANEL EE. MAINTAIN CONNECTION TO EXISTING EMERGENCY TRANSFER DEVICE.
- 3 PROVIDE DIMMER SWITCH FOR CONTROL OF NEW SUSPENDED TYPE LG FIXTURE. PROVIDE WIRING AS REQUIRED. PROVIDE SINGLE POLE SWITCH FOR CONTROL OF LIGHTING WITHIN ALL DISPLAY CASES. COORDINATE WITH SIGNAGE LOCATION PRIOR TO INSTALL.
- 4 EXISTING CEILING MOUNTED TRACK LIGHTING TO REMAIN. TYPICAL OF FOUR LOCATIONS
- 5 EXISTING LIGHT SWITCHES FOR CONTROL OF TYPE LD LIGHT FIXTURES TO REMAIN.
- 6 PROVIDE POWER CONNECTION FOR THE INTEGRATED LED LIGHTING WITHIN EACH OF THE WALL MOUNTED DISPLAY CASES WITHIN EACH IDENTITY GALLERY. PROVIDE A SINGLE LIGHT POLE SWITCH FOR CONTROL, REFER TO FLAG NOTE 3.

**1 LIGHTING FLOOR PLAN - AREA B**  
E-102 1/8" = 1'-0"



**KEY PLAN**

F O R:  
● SUBMITTAL  
● PRICING



**MCG EXPLORE DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
exploredesign.com



Owner

**ALASKA NATIVE HERITAGE CENTER REMODEL**

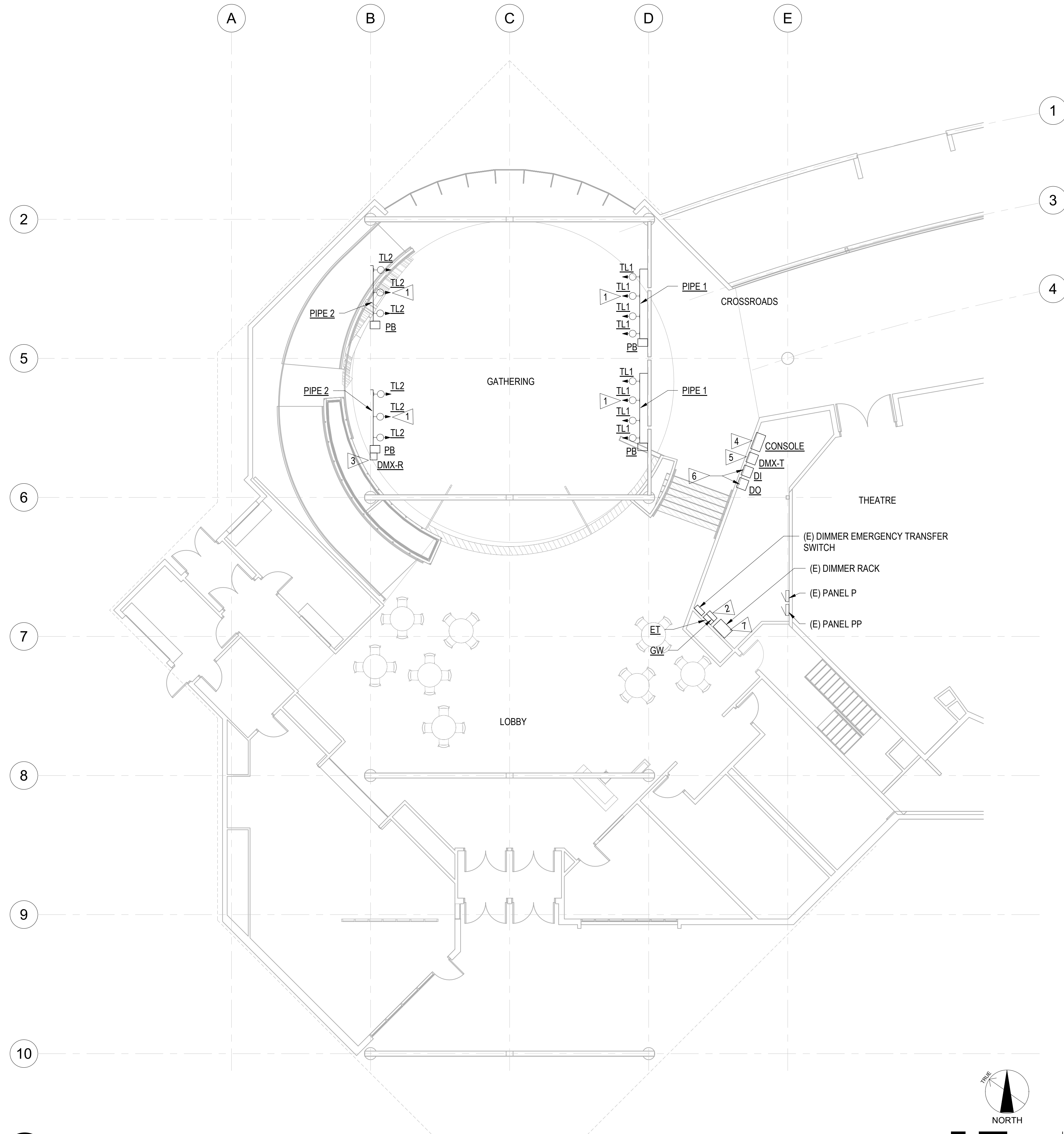
8800 Heritage Center Drive,  
Anchorage, Alaska

**BID CONSTRUCTION DOCUMENTS**

JOB NO.	231248
DATE:	10.15.2023
PROJ. MGR.:	DCN
DRAWN BY:	MAG
REVIEWED BY:	LRH
REVISIONS:	

**LIGHTING FLOOR PLAN - AREA B**

SHEET NO.  
**E-102**



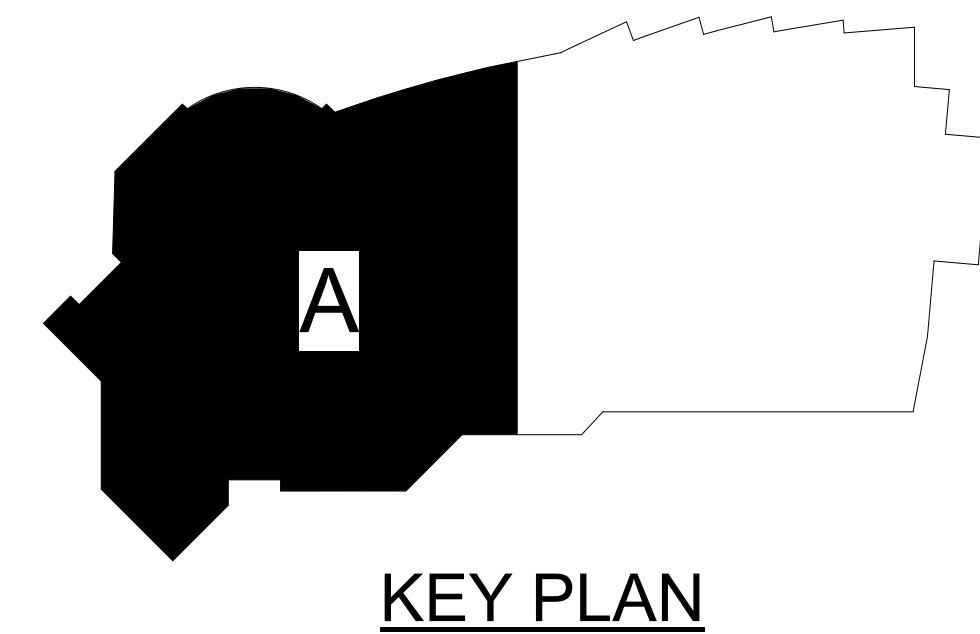
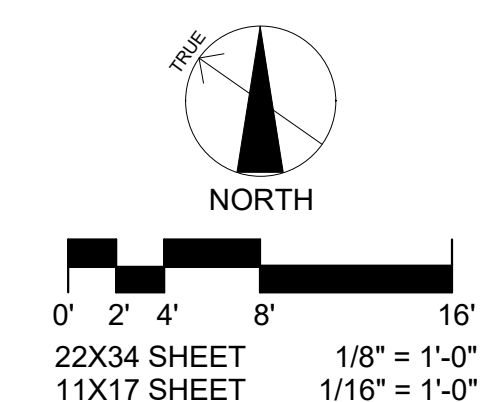
**GENERAL NOTES**

1. ALL WORK ASSOCIATED WITH THE ETC DIMMING SYSTEM REPAIR IS BASE BID.
2. ALL WORK ASSOCIATED WITH STAGE LIGHTING IS AN ADD ALTERNATE BID ITEM #6.
3. INSTALLATION OF THE STAGE LIGHTING SYSTEM SHALL BE BY A QUALIFIED THEATRICAL STAGE LIGHTING TECHNICIAN. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
4. VERIFY CEILING TYPES AND FIXTURE MOUNTING REQUIREMENTS PRIOR TO ORDERING LIGHT FIXTURES. PROVIDE COMPATIBLE MOUNTING ACCESSORIES AND ALL TRIM FLANGES, SUPPORTS, OUTLET BOXES, FOR A COMPLETE AND FINISHED INSTALLATION. REFER TO EXISTING CONDITIONS PHOTOS SHEET E-801 FOR REFERENCE.
5. CIRCUITING IS INDICATED BASED ON RECORD DRAWINGS AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR.
6. REFER TO SHEET E-501 FOR THE STAGE LIGHTING SCHEDULE, ETC DIMMING SYSTEM REPAIR SCHEDULE AND ETC DIMMING CONTROLS DIAGRAM.

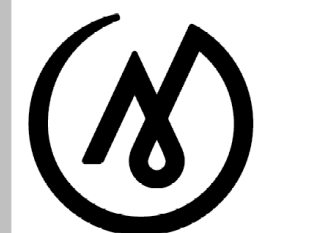
**SHEET NOTES**

1. REMOVE BEAM MOUNTED TRACK AT THIS LOCATION AND PROVIDE NEW PIPE RAIL MOUNTED LED STAGE LIGHTS, (TYPE TL1 AND TL2). EXTEND EXISTING TRACK CIRCUITING TO PB (ETC PIGTAIL PLUG BOXES). (ADD ALTERNATE #6).
2. REMOVE EXISTING UNISON DIMMING SYSTEM CONTROL PANEL AND REPLACE WITH A ET (ETC ECHO TOUCHSCREEN DMX CONTROLLER) WITH GW (ETC DMX GATEWAY). (BASE BID)
3. DMX-R (ETC DMX WIRELESS MULTIVERSE RECEIVER) PIPE RAIL MOUNTED. (ADD ALTERNATE #6).
4. CONSOLE (ETC COLORSOURCE 20 CONTROL CONSOLE) FOR CONTROL OF THE TYPE TL1 AND TL2 PIPE RAIL MOUNTED STAGE LIGHTS. (ADD ALTERNATE #6).
5. DMX-T (ETC MULTIVERSE SHOW BABY WIRELESS DMX TRANSMITTER) (ADD ALTERNATE #6).
6. DI AND DO (ETC DMX INPUT WALL PLATE AND DMX OUTPUT WITH AC ADAPTER) (ADD ALTERNATE #6).
7. REPLACE EXISTING DIMMER MODULES WITHIN DIMMER RACK CONTROLLING THE TRACK CIRCUITS TO BE CONNECTED TO THE NEW STAGE LIGHTS, WITH NEW RELAY MODULES R20AF. (ADD ALTERNATE #6).

**1 DIMMING FLOOR PLAN - AREA A**  
E-103 1/8" = 1'-0"



F O R:  
 ● SUBMITTAL  
 ○ PRICING



**MCG EXPLORE DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com



**COFFMAN ENGINEERS**

100 F Street  
 Anchorage, AK 99501  
 ph 907.276.6664  
 www.coffman.com AEC249



Owner

**ALASKA NATIVE HERITAGE CENTER REMODEL**

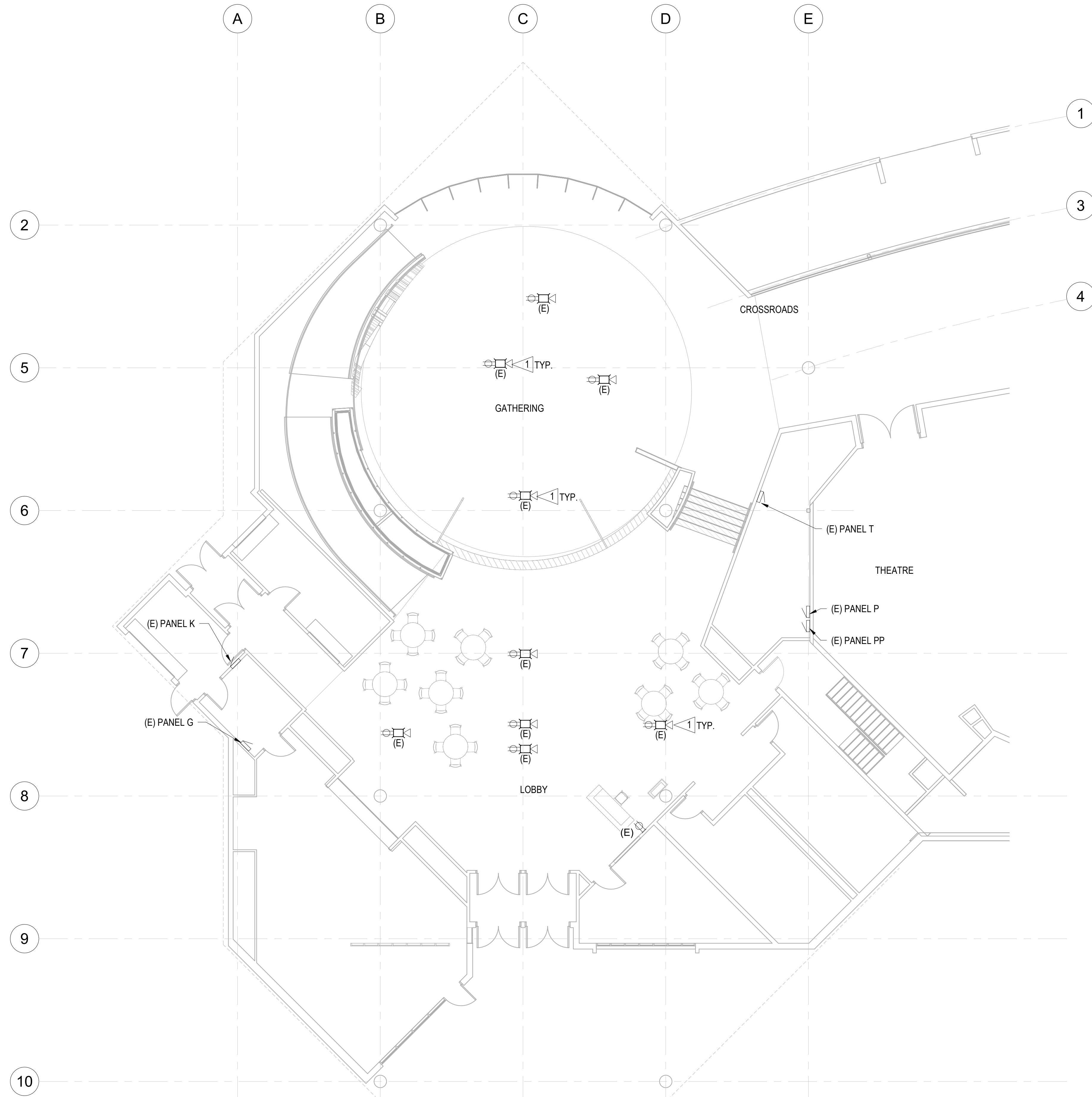
8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION DOCUMENTS**

JOB NO.	231248
DATE:	10.15.2023
PROJ. MGR.:	DCN
DRAWN BY:	MAG
REVIEWED BY:	LRH
REVISIONS:	

**DIMMING FLOOR PLAN - AREA A**

SHEET NO.  
**E-103**



**GENERAL NOTES**

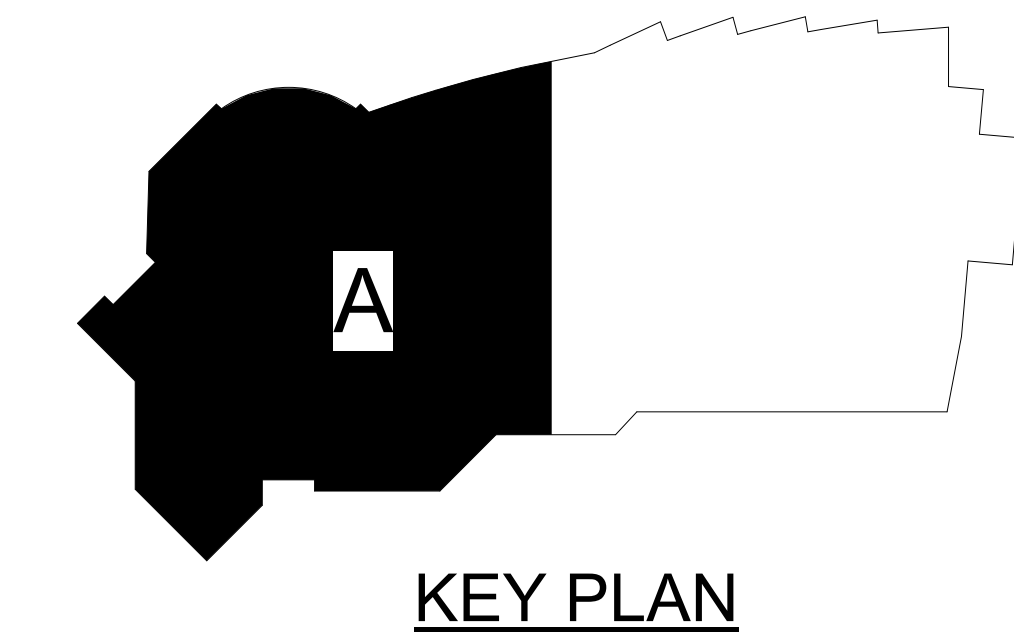
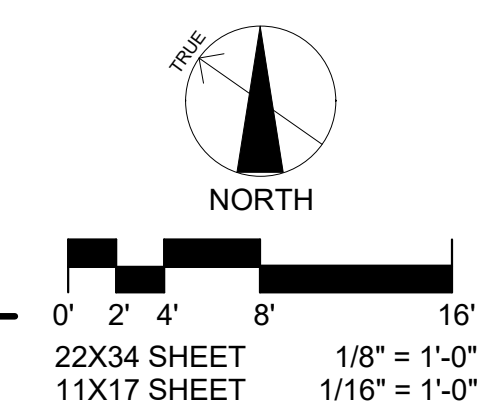
SPACE RESERVED FOR MOA PERMIT STAMP

1. DEVICES INDICATED WITH AN (E) ARE EXISTING TO REMAIN. CONTRACTOR TO MAINTAIN CIRCUITRY OF EXISTING DEVICES TO REMAIN BY EXTENDING WIRING AS REQUIRED FOR DEVICES REMOVED.

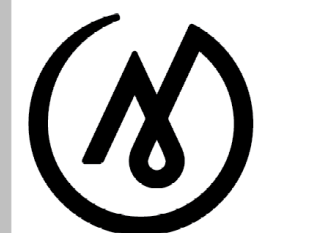
**SHEET NOTES**

1. EXISTING RECESS FLOOR BOXES TO REMAIN. ADJUST FLOOR BOX OR PROVIDE EXTENSION RING AS REQUIRED FOR NEW FLOOR SURFACE.

**1** POWER AND SIGNAL FLOOR PLAN - AREA A  
E-201 1/8" = 1'-0"



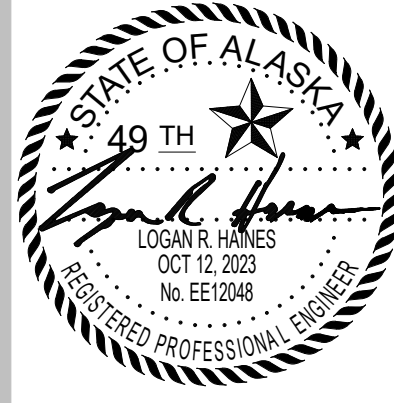
F O R:  
 ● SUBMITTAL  
 ○ PRICING



**MCG EXPLORE DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com

**COFFMAN ENGINEERS**  
 100 F Street  
 Anchorage, AK 99501  
 ph 907.276.6664  
 www.coffman.com AEC249



Owner

**ALASKA NATIVE HERITAGE CENTER REMODEL**

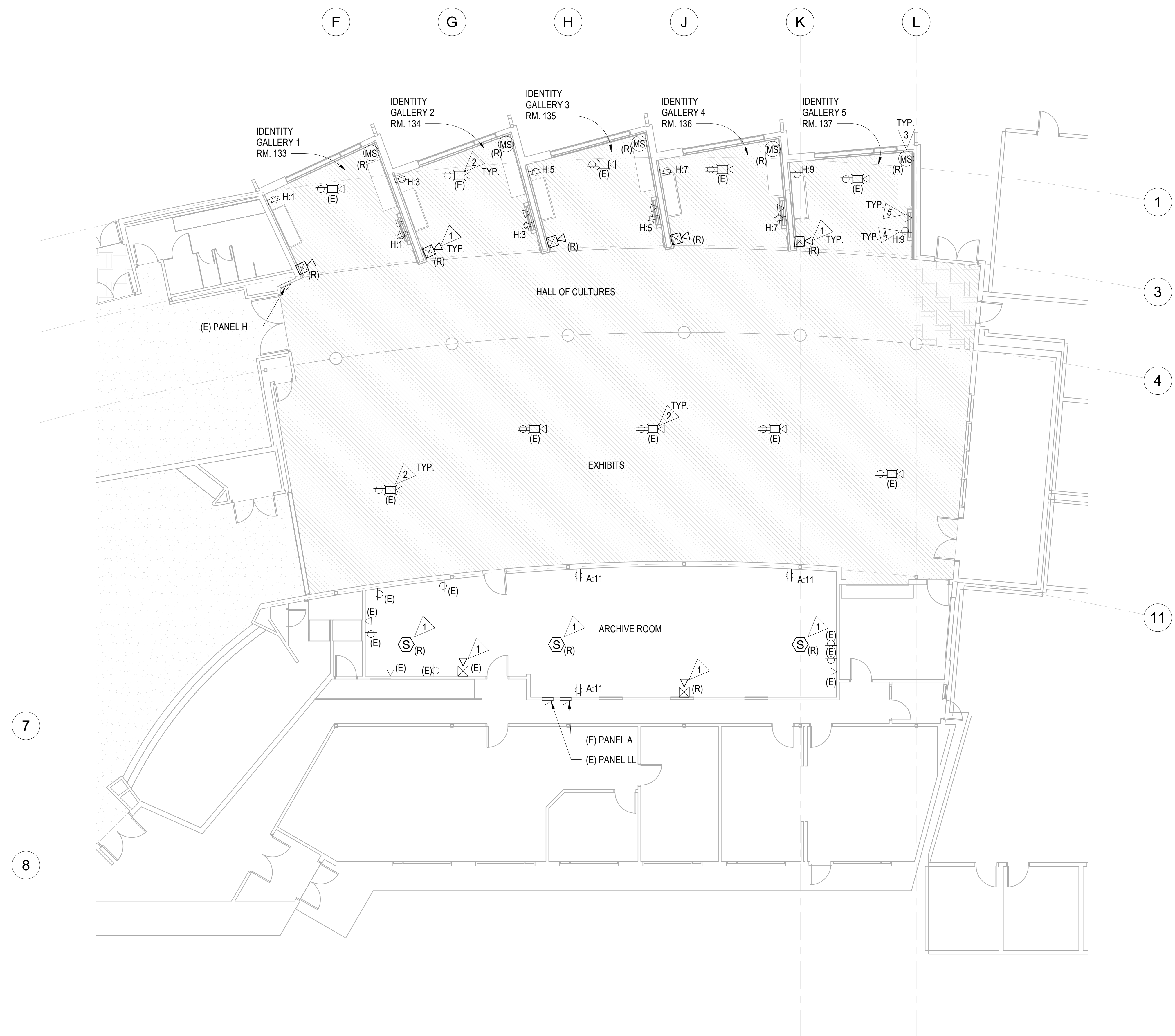
8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION DOCUMENTS**

JOB NO.	231248
DATE:	10.15.2023
PROJ. MGR.:	DCN
DRAWN BY:	MAG
REVIEWED BY:	LRH
REVISIONS:	

**POWER AND SIGNAL FLOOR PLAN - AREA A**

SHEET NO.  
**E-201**

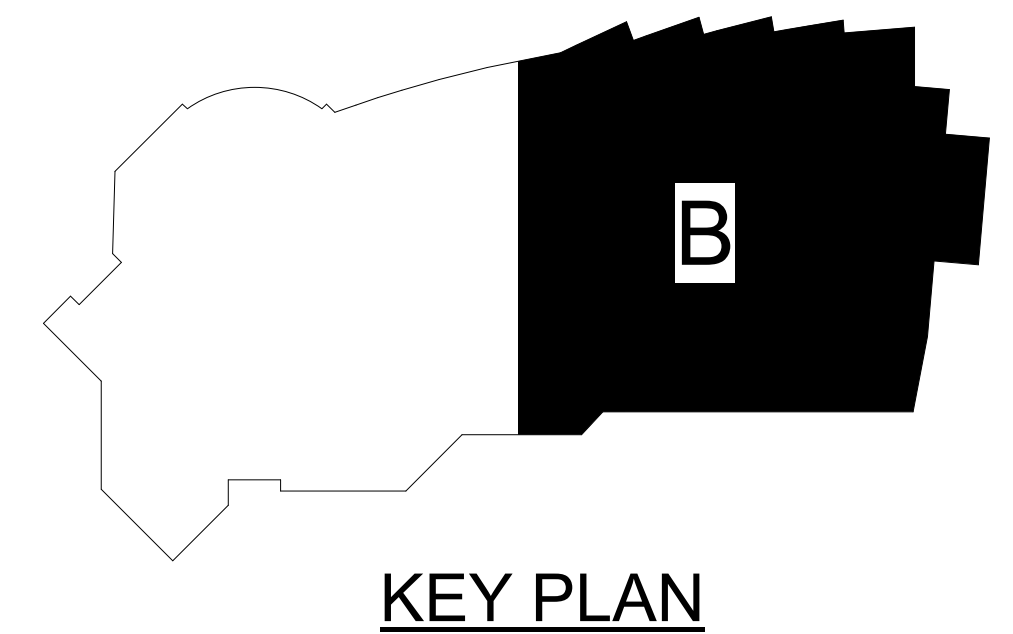


**GENERAL NOTES**

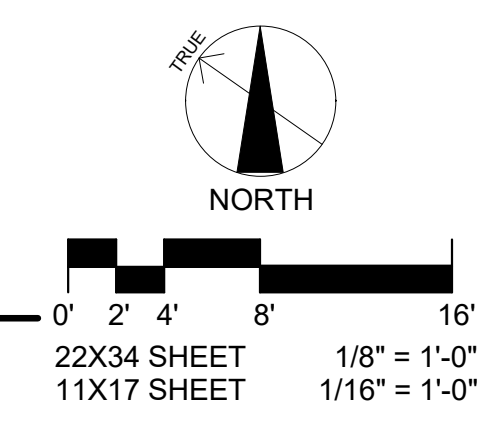
1. DEVICES INDICATED WITH AN "R" ARE TO BE RELOCATED. EXTEND CONDUIT AND WIRING AS REQUIRED FOR NEW LOCATION SHOWN.
2. DEVICES INDICATED WITH AN (E) ARE EXISTING TO REMAIN AND SHOWN FOR REFERENCE PURPOSES. CONTRACTOR TO MAINTAIN CIRCUITRY OF EXISTING DEVICES TO REMAIN BY EXTENDING WIRING AS REQUIRED FOR DEVICES REMOVED.

**SHEET NOTES**

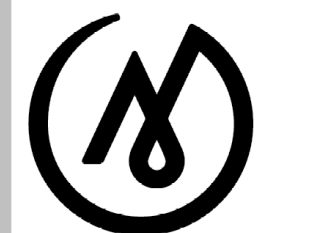
1. RELOCATE EXISTING FIRE ALARM DEVICES AS REQUIRED FOR WALL AND CEILING FINISH UPGRADES. PROVIDE EXTENSION BOXES AND EXTEND WIRING AS REQUIRED. COORDINATE LOCATION WITH SIGNAGE PRIOR TO INSTALL. EXISTING FIRE ALARM PANEL IS AN EDWARDS EST-3 AND IS LOCATED IN THE BASEMENT MECHANICAL SPACE. REFER TO SHEET E-203 FOR LOCATION.
2. EXISTING RECESS FLOOR BOXES TO REMAIN. ADJUST FLOOR BOX OR PROVIDE EXTENSION RING AS REQUIRED FOR NEW FLOOR SURFACE.
3. RELOCATE EXISTING WALL MOUNTED SECURITY SYSTEM MOTION SENSOR AS REQUIRED FOR WALL AND CEILING FINISH UPGRADES. PROVIDE EXTENSION BOXES AND EXTEND WIRING AS REQUIRED.
4. DOUBLE DUPLEX RECPACTLE MOUNTED AT 72" AFF. COORDINATE WITH FLAT SCREEN DISPLAY LOCATIONS.
5. CAT 6 TELECOM OUTLET MOUNTED AT 72" AFF WITH CAT 6 TELECOM CABLE TERMINATED AT PATCH PANEL IN EXISTING TELECOM RACK LOCATED IN THE BASEMENT MECHANICAL ROOM. COORINATE OUTLET LOCATION WITH FLAT SCREEN DISPLAY LOCATIONS.



**1** POWER AND SIGNAL FLOOR PLAN - AREA B  
E-202 1/8" = 1'-0"



F O R:  
 ● SUBMITTAL  
 ○ PRICING



**MCG EXPLORE DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com



Owner

**ALASKA NATIVE HERITAGE CENTER REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

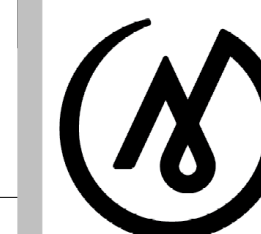
**BID CONSTRUCTION DOCUMENTS**

JOB NO.	231248
DATE:	10.15.2023
PROJ. MGR.:	DCN
DRAWN BY:	MAG
REVIEWED BY:	LRH
REVISIONS:	

**POWER AND SIGNAL FLOOR PLAN - AREA B**

SHEET NO.  
**E-202**

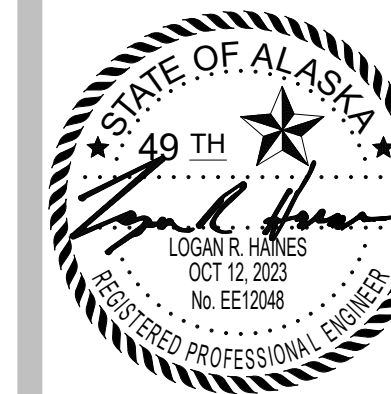
F O R:  
 ● SUBMITTAL  
 ○ PRICING



**MCG**  
**EXPLORE**  
**DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com

**COFFMAN**  
**ENGINEERS**  
 800 F Street  
 Anchorage, AK 99501  
 ph 907.276.6664  
 www.coffman.com



Owner

**ALASKA**  
**NATIVE**  
**HERITAGE**  
**CENTER**  
**REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION**  
**DOCUMENTS**

JOB NO. 231248  
 DATE: 10.15.2023  
 PROJ. MGR.: DCN  
 DRAWN BY: MAG  
 REVIEWED BY: LRH  
 REVISIONS:

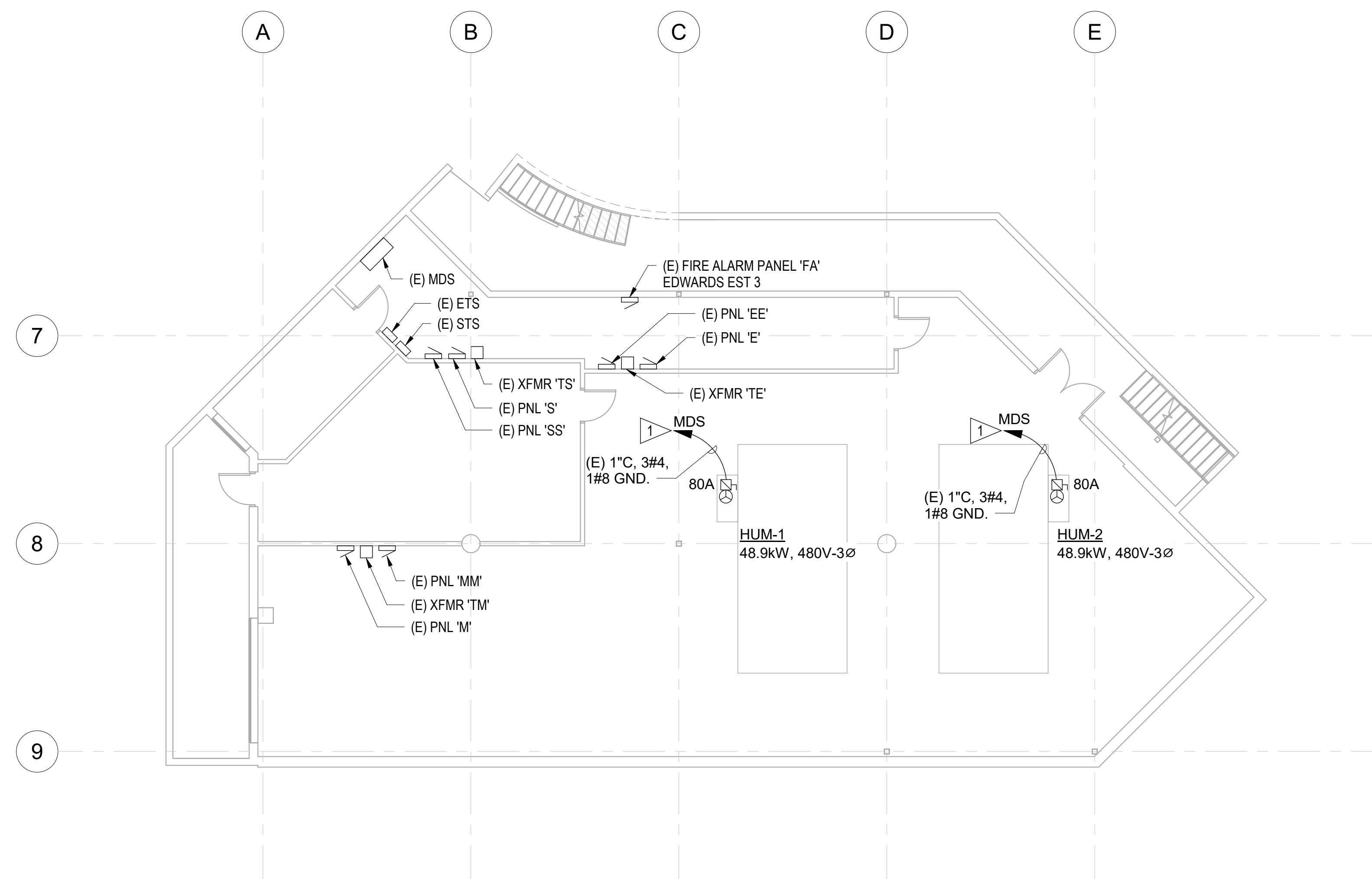
**POWER FLOOR**  
**PLAN -**  
**MECHANICAL**  
**ROOM**

SHEET NO.  
**E-203**

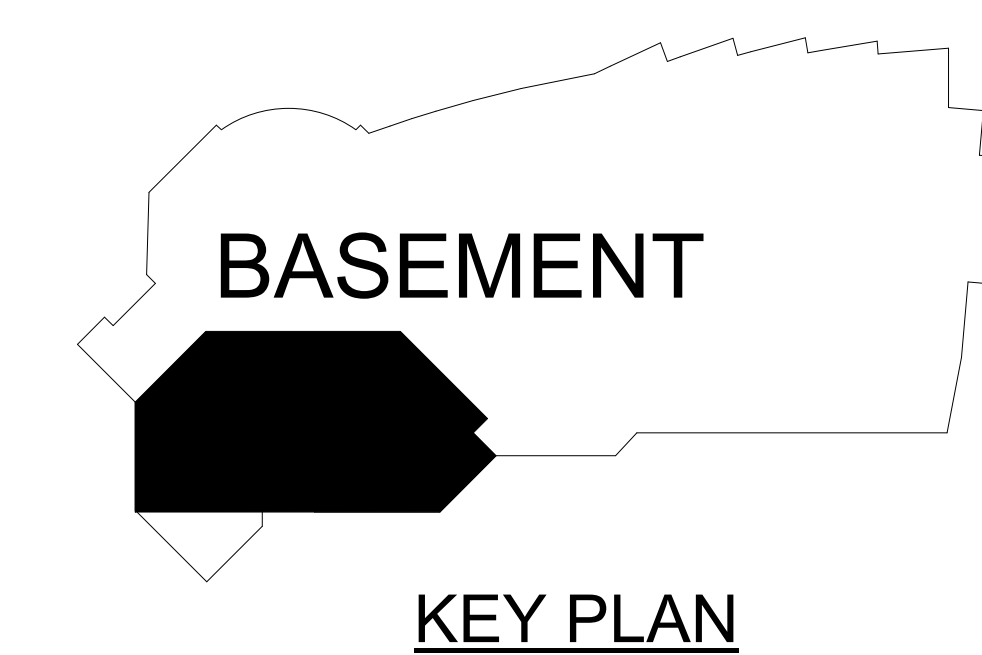
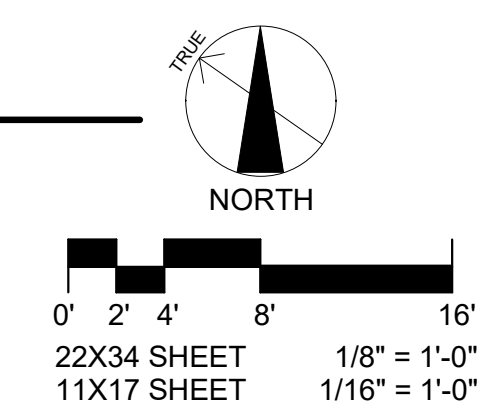
SPACE RESERVED FOR MOA PERMIT STAMP

**SHEET NOTES**

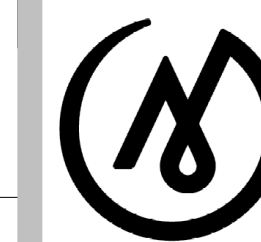
- 1 DISCONNECT POWER FROM EXISTING HUMIDIFIERS TO BE REPLACED. PROVIDE NEW 100A, 600V HEAVY DUTY FUSED DISCONNECT WITH 80A FUSES AND RECONNECT EXISTING WIRING TO EXISTING 90A/3P CIRCUIT BREAKERS IN MAIN DISTRIBUTION SWITCHBOARD "MDS". EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED. FIELD VERIFY EXISTING CONDUCTOR SIZE INDICATED ON RECORD DRAWINGS.



**1** POWER FLOOR PLAN - MECHANICAL ROOM  
 E-203 1/8" = 1'-0"



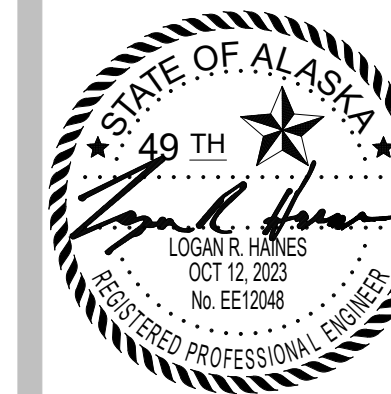




**MCG**  
**EXPLORE**  
**DESIGN**

421 West 1<sup>st</sup> Avenue, Suite 300  
 Anchorage, Alaska 99501  
 907.563.8474 | F 907.563.4572  
 exploredesign.com

**COFFMAN**  
**ENGINEERS**  
 100 F Street  
 Anchorage, AK 99501  
 ph 907.276.6664  
 www.coffman.com AEC249



Owner

**ALASKA**  
**NATIVE**  
**HERITAGE**  
**CENTER**  
**REMODEL**

8800 Heritage Center Drive,  
 Anchorage, Alaska

**BID CONSTRUCTION**  
**DOCUMENTS**

JOB NO. 231248  
 DATE: 10.15.2023  
 PROJ. MGR.: DCN  
 DRAWN BY: MAG  
 REVIEWED BY: LRH  
 REVISIONS:

**DIMMING**  
**SYSTEM**  
**DIAGRAM AND**  
**SCHEDULE**

SHEET NO.

**E-501**

### ETC DIMMING SYSTEM REPAIR SCHEDULE (BASE BID)

Item	QTY	Manufacturer	Model #	Description	Notes
<u>ET</u>	1	ETC	ETS-4	EchoTouch Controller, black	
	1	ETC	ETS-SBB	EchoTouch surface mount back box, black	
	1	ETC	PS435	24V DIN rail power supply	Mount in DIN box and use to power ET and GW
<u>GW</u>	2	ETC	RSN-DMX4-DIN	Response 4-port DIN rail DMX Gateway	Power supply listed above under ET
	1	ETC	DIN28	Large DIN rail enclosure	

### STAGE LIGHTING SCHEDULE (ADD ALTERNATE #6)

Type	QTY	Manufacturer	Model #	Description	Notes
<u>TL1</u>	8	ETC	CSSPOTVMVS	ColorSource Spot V with Multiverse, with shutter barrel, black	stage spot light, DMX color changing LED, pipe rail mounted
	8	ETC	400CC	C-Clamp (included with fixture)	
	6	ETC	T1PJ-5	5ft TRUE1 jumper (included with fixture)	
	2	ETC	T1PA-A	5ft Edison plug to TRUE1	
	8	ETC	400SC	Safety Cable	
	8	ETC	419EDLT	19 degree Enhanced Definition lens	
<u>PIPE1</u>	2			1-1/2" diameter schedule 40 black pipe with 90 degree elbows and mounting plates	Provide 10'-0" long sections with 12" offset from beam for TL1 fixture clearance.
<u>TL2</u>	6	ETC	CSPAR	ColorSource Par, Black	stage par light, DMX color changing LED, pipe rail mounted
	6	ETC	400CC	C-Clamp	
	6	ETC	400SC	Safety Cable	
	6	ETC	DPJ-10	10ft PowerCon to PowerCon Jumper	
	6	ETC	CD10-DMX	10ft DMX Cable	
	6	ETC	SELRM-7.5	Medium Round Diffuser	
<u>PIPE2</u>	2			1-1/2" diameter schedule 40 black pipe with 90 degree elbows and mounting plates	Provide 10'-0" long sections with 6" offset from beam for TL2 fixture clearance.
<u>DMX-R</u>	1	ETC	CSR-M	ColorSource Multiverse DMX Receiver	
	1	ETC	CSR-PMT	Pipe Mount Bracket	
	1	ETC	400CC	C-Clamp	
	1	ETC	DPA-A	PowerCon to Edison cable	
<u>DMX-T</u>	1	City Theatrical	5900	Multiverse SHoW Baby wireless DMX transmitter	
	1	ETC	CD5-DMX	5ft DMX Cable	
<u>CONSOLE</u>	1	ETC	CS20	ColorSource 20 control console	
	1	ETC	CS20DC	Dust cover	
	1	ETC	CD25-DMX	25' DMX Cable	
<u>PB</u>	4	ETC	9101A	Single edison surface mount plug box	
<u>DI</u>	1	ETC	ECPB DMXIN	Single Gang DMX Input wall plate	
<u>DO</u>	1	ETC	ECPB DMX OUT/AC	Two Gang DMX Output with AC wallplate	For DMX-T
<u>RELAY MODULE</u>	2	ETC	R20AF	20A Relay module for ETC Sensor dimmer rack	Swap modules for track circuits to relay modules.

### DIMMING SYSTEM NOTES

- PROJECT WORK ASSOCIATED WITH THE REPAIR AND RESTORATION OF THE ETC DIMMING SYSTEM IS BASE BID.
- INSTALLATION OF GATHERING ROOM STAGE LIGHTS IS ALTERNATE BID ITEM #6. CONTRACTOR SHALL PROVIDE A SEPERATE PRICE FOR THIS WORK PER THE BID SCHEDULE.
- THE EXISTING DIMMING SYSTEM IS AN ETC DIMMING SYSTEM. ALL REPLACEMENT AND/OR UPGRADE DIMMING SYSTEM PRODUCTS SHALL BE BY ETC (ELECTRONIC THEATRE CONTROLS, INC.). ETC PART NUMBERS ARE REFERENCED ON THESE DRAWINGS.
- THESE PROJECT DRAWINGS INDICATE THE MAIN EQUIPMENT TO BE UPGRADED OR REPLACED BUT DO NOT PROVIDE A COMPLETE MATERIAL LIST. CONTRACTOR SHALL WORK DIRECTLY WITH ETC TECHNICAL SUPPORT TO PROVIDE A COMPLETE AND FUNCTIONAL UPGRADE OF THE SYSTEM INCLUDING SHOP DRAWINGS, PROGRAMMING, STARTUP AND TRAINING.
- THE FOLLOWING NOTES DESCRIBE THE PROPOSED CHANGES TO THE ETC DIMMING SYSTEM. REFER TO SHEET E-103 FOR LOCATION OF DEVICES AND ADDITIONAL INFORMATION.

#### ETC DIMMING SYSTEM CONTROLS REPAIR/RESTORATION:

THE EXISTING ETC UNISON CONTROL SYSTEM IS NO LONGER FUNCTIONING, AND IS NO LONGER REPAIRABLE. THE EXISTING DIMMER RACK FUNCTIONS FINE, AND SHOULD HAVE 5 +/- YEARS OF SERVICE LEFT. TO REGAIN TEMPORARY CONTROL OF THE ETC DIMMING SYSTEM AS IT WAS, USING THE SAME EXISTING DIMMED CIRCUITS, AN ETC ECHOTOUCH TOUCHSCREEN DMX CONTROLLER SHALL BE PROVIDED IN PLACE OF THE EXISTING ETC UNISON CONTROLLER. THE ETC ECHOTOUCH CAN MANUALLY ADJUST ALL DIMMER LEVELS IN THE SYSTEM, AS WELL AS RECORD AND PLAYBACK PRESETS, AND PERFORM BASIC SCHEDULING. THE ECHOTOUCH SHALL BE LOCATED WHERE THE EXISTING ETC UNISON CURRENTLY IS LOCATED IN ROOM 159. THE ONLY EXISTING FUNCTIONAL CHANGE WILL BE THE LOSS OF THE REMOTELY MOUNTED TOUCHSCREENS IN OTHER AREAS OF THE MUSEUM. THESE SHALL BE REMOVED, BUT THE WIRING SHALL REMAIN FOR FUTURE USE.

A DMX SPLITTER/MERGER SHALL BE INSTALLED TO ARBITRATE DMX CONTROL BETWEEN THE ETC ECHOTOUCH AND THE EXISTING LIGHTING CONTROL BOARD FOR THE THEATER SPACE, SO THE EXISTING LIGHT BOARD CAN CONTINUE TO BE OPERATED THE SAME WAY IT WAS WITH THE OLD UNISON SYSTEM.

THE INTENT OF THESE DEVICES IS TO RESTORE CONTROL OF THE EXISTING DIMMER AND EXISTING DIMMED CIRCUITS/FIXTURES UNTIL A FULL OVERHAUL OF THE GALLERY SPACES HAPPENS IN THE FUTURE, AT WHICH POINT A MUCH MORE SUBSTANTIAL CONTROLS OVERHAUL WILL BE REQUIRED.

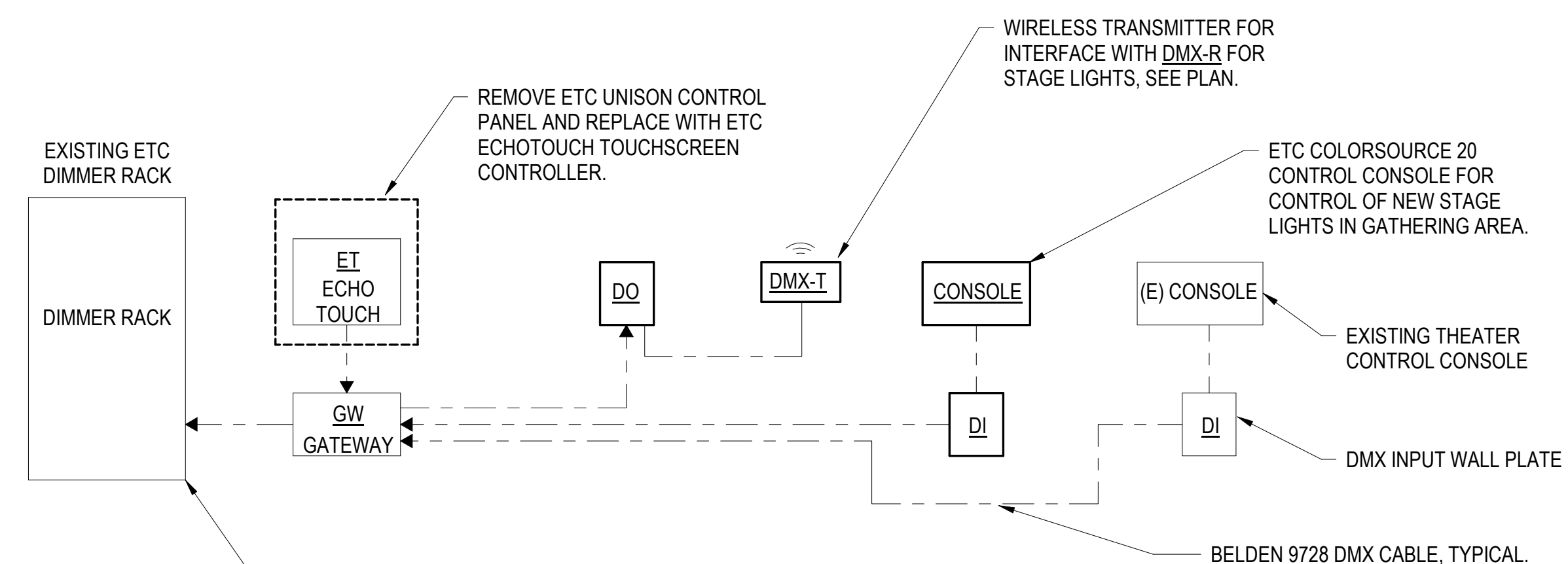
REFER TO THE ETC DIMMING SYSTEM REPAIR SCHEDULE FOR LIST OF MATERIAL ASSOCIATED WITH THIS SCOPE OF WORK.

#### GATHERING ROOM 102 STAGE LIGHTS (ADD ALTERNATE #6):

THE EXISTING TRACK LIGHTS IN THE GATHERING ROOM 102 AREA ARE INSUFFICIENT FOR THE USE OF THE SPACE. THE EXISTING TRACK LIGHTS SHALL BE REMOVED AT THE LOCATION OF THE NEW STAGE LIGHTS AND REPLACED WITH TYPICAL LIGHTING BARS USED FOR THE MOUNTING OF THEATRICAL LUMINAIRES. THE CIRCUITS FROM THE OLD TRACK SHALL BE REPURPOSED TO RELAY CONTROLLED PLUG BOXES FOR LED STAGE LIGHTING. EIGHT (TYPE TL1) DMX CONTROLLED COLOR CHANGING + WHITE LED THEATRE SPOT LIGHTS SHALL BE PROVIDED FOR FRONT LIGHTING OF THE STAGE. SIX (TYPE TL2) DMX CONTROLLED COLOR CHANGING + WHITE LED THEATRE PAR FIXTURES SHALL BE PROVIDED FOR BACK LIGHTING THE STAGE AREA. THESE FIXTURES SHALL BE INDIVIDUALLY CONTROLLABLE AND DIMMABLE, AND OF A SUFFICIENT BRIGHTNESS TO WORK WITH THE DAYLIGHT IN THE SPACE.

AN ETC COLORSOURCE 20 CONSOLE AND WIRELESS DMX TRANSMITTER SHALL BE PROVIDED TO CONTROL THE THEATRICAL STAGE LIGHTS.

REFER TO THE STAGE LIGHTING SCHEDULE FOR LIST OF MATERIAL ASSOCIATED WITH THIS SCOPE OF WORK.



#### DIAGRAM NOTES:

- ALL EQUIPMENT SHOWN IS LOCATED IN PROJECTION ROOM 159.
- REFER TO ETC DIMMING SYSTEM REPAIR SCHEDULE AND STAGE LIGHTING SCHEDULE FOR REFERENCE TO EQUIPMENT TAGS.
- REFER TO E-103 FOR FLOOR PLAN INDICATING LOCATION OF EQUIPMENT.

PANEL	EXISTING A	208/120V 3 PHASE, 4 WIRE	MOUNTING: FLUSH, NEMA 1
LOCATION	HALLWAY 146	225 AMP BUS MAIN LUGS ONLY	GRND BUS: EQUIPMENT
SPECIAL	FED FROM TRANSFORMER TA		SHORT CKT: 10 kA SCCR

C T	NOTES	CIRCUIT DESCRIPTION	LOAD (AMPS)			BKR TRIP	POLES	CKT NO	BUS	CKT NO	POLES	BKR TRIP	LOAD (AMPS)			CIRCUIT DESCRIPTION	NOTES	C T
			A	B	C								A	B	C			
		RECEPTS - CLASSROOM 152				20	1	1	A	2	2	30			RECEPTS - ADMIN 145	3		
1	1	IDENTITY GALLERY DISPLAY LTG		1.0		20	1	3	B	4					RECEPTS - ADMIN 145	3		
	2	SPARE				20	1	5	C	6	1	20			RECEPTS - ADMIN 145	3		
	3	RECEPTS - OFFICE 143				20	1	7	A	8	1	20			RECEPTS - LIBRARY 152	3		
	3	RECEPTS - OFFICE 144				20	1	9	B	10	1	20			RECEPTS - ADMIN 145	3		
2	1	RECEPTS, ARCHIVE			4.5	20	1	11	C	12	1	20			RECEPTS - ADMIN 145	3		
	3	HALL LIGHTS AND RECEPTS				20	1	13	A	14	1	20			RECEPTS - CLASSROOM 145	3		
	3	RECEPTS, RECEIVING 137/CORR 148				20	1	15	B	16	1	20			RECEPTS - CLASSROOM 145	3		
	3	DOOR OPERATOR - RECEIVING 139				20	1	17	C	18	1	20			RECEPTS - CLASSROOM 145	3		
	3	RECEPTS, EXTERIOR				20	1	19	A	20	1	20			RECEPTS - CLASSROOM 145	3		
	3	RECEPTS, STAFF LOUNGE141 VENDING				20	1	21	B	22	1	20			RECEPTS - CLASSROOM 145	3		
	3	RECEPTS, STAFF LOUNGE141 VENDING				20	1	23	C	24	1	20			RECEPTS - CLASSROOM 145	3		
	3	RECEPTS, STAFF LOUNGE141 FRIDGE				20	1	25	A	26	1	20			RECEPTS - CLASSROOM 145	3		
	3	RECEPTS, STAFF LOUNGE141 MICRO				20	1	27	B	28	1	20			RECEPTS - ELDER'S LOUNGE 142	3		
	3	RECEPTS, STAFF 141 DISHWASHER				20	1	29	C	30	1	20			RECEPTS - STAFF LOUNGE 141	3		
1	1	IDENTITY GALLERY, RM 133 LTG				20	1	31	A	32	1	20			RECEPTS - STAFF LOUNGE 141	3		
1	1	IDENTITY GALLERY, RM 134 LTG				20	1	33	B	34	1	20			RECEPT - ADMIN 145 COPIER	3		
1	1	IDENTITY GALLERY, RM 135 LTG				20	1	35	C	36	1	20			RECEPTS RESTROOM 152	3		
1	1	IDENTITY GALLERY, RM 136 LTG				20	1	37	A	38	3	30			TVSS	3		
1	1	IDENTITY GALLERY, RM 137 LTG				20	1	39	B	40					" "			
	3	LIGHTING ROOM 103				20	1	41	C	42					" "			

PANEL	EXISTING EE	480/277V, 3 PHASE, 4 WIRE	MOUNTING: SURFACE, NEMA 1
LOCATION	ELECTRICAL ROOM	125 AMP BUS MAIN LUGS ONLY	GRND BUS: EQUIPMENT
SPECIAL	FED FROM MDS VIA TRANSFER SWITCH ETS		SHORT CKT: 18 kA SCCR

C T	NOTES	CIRCUIT DESCRIPTION	LOAD (AMPS)			BKR TRIP	POLES	CKT NO	BUS	CKT NO	POLES	BKR TRIP	LOAD (AMPS)			CIRCUIT DESCRIPTION	NOTES	C T
			A	B	C								A	B	C			
	3	TVSS				100	3	1	A	2	3	40			XFMR - TE	3		
	" "							3	B	4					" "			
	" "							5	C	6					" "			
1	1	GATHERING RAMP WALL LIGHTS	0.3			20	1	7	A	8	3	15			CLASSROOM ADDN - EM LTS EXT/INT	3		
		EM LTS ROOM 101				20	1	9	B	10					" "			
1	1	LIGHTS IN HALL OF CULTURES 103		1.3		20	1	11	C	12					" "			
		SPARE				20	1	13	A	14	1	20			SPARE			
	3	EM LTS ROOM 129				20	1	15	B	16	1	20			" "			
		SPARE				20	1	17	C	18	1	20			" "			
	" "					20	1	19	A	20	1	20			" "			
	" "					20	1	21	B	22	1	20			" "			
	" "					20	1	23	C	24	1	20			" "			
	" "					20	1	25	A	26	1	20			" "			
	" "					20	1	27	B	28	1	20			" "			
		SPACE						29	C	30					SPACE			

PANEL	EXISTING H	208/120V 3 PHASE, 4 WIRE	MOUNTING: FLUSH, NEMA 1
LOCATION	ROOM 132	225 AMP BUS MAIN LUGS ONLY	GRND BUS: EQUIPMENT
SPECIAL	FED FROM TRANSFORMER TH		SHORT CKT: 10 kA SCCR

C T	NOTES	CIRCUIT DESCRIPTION	LOAD (AMPS)			BKR TRIP	POLES	CKT NO	BUS	CKT NO	POLES	BKR TRIP	LOAD (AMPS)			CIRCUIT DESCRIPTION	NOTES	C T
			A	B	C								A	B	C			
2	1	IDENTITY GALLERY, RM. 133 RECEPTS	6.0			20	1	1	A	2	1	20			EXHIBIT HALL 103 - FLR RECEPT	3		
2	1	IDENTITY GALLERY, 134 RECEPTS		6.0		20	1	3	B	4	1	20			EXHIBIT HALL 103 - FLR RECEPT	3		
2	1	IDENTITY GALLERY, 135 RECEPTS			6.0	20	1	5	C	6	1	20			EXHIBIT HALL 103 - FLR RECEPT	3		
2	1	IDENTITY GALLERY, 136 RECEPTS	6.0			20	1	7	A	8	1	20			EXHIBIT HALL 103 - FLR RECEPT	3		
2	1	IDENTITY GALLERY, 137 RECEPTS		6.0		20	1	9	B	10	1	20			EXHIBIT HALL 103 - FLR RECEPT	3		
	3	RESTRMS 128 131 EXT RECEPT				20	1	11	C	12	1	20			STUDIO RM 133 & 134 FLR RECEPTS	3		
	3	CROSSROADS 130 RECEPT				20	1	13	A	14	1	20			STUDIO RM 135 & 136 FLR RECEPTS	3		
	3	EXHIBIT HALL 103 RECEPT				20	1	15	B	16	1	20			STUDIO RM 137 FLR RECEPT	3		
	3	VEND MACHINE				20	1	17	C	18	3	20			VEND MACHINE	3		
	3	BEVRIOSK				20	1	19	A	20					" "			
	3	BEVERAGE				30	2	21	B	22					" "			
	3	COFFEE						23	C	24	1	20			EXHIBIT HALL DOOR	3		
	3	TRACK LIGHTS - CROSSROADS				20	1	25	A	26	3	30			TVSS	3		
	3	TRACK LIGHTS - ROOM 130				20	1	27	B	28					" "			
	3	TRACK LIGHTS - ROOM 130				20	1	29	C	30					" "			

LIGHT FIXTURE SCHEDULE						
FIXT. ID.	FIXTURE DESCRIPTION	VOLTAGE	WATTS	LAMP TYPE	FIXTURE MOUNTING	REMARKS
LA	RETROFIT EXISTING RECESS CAN LIGHT WITH LED RETROFIT MODULE. REUSE EXISTING TRIM RING. 1% ELV DIMMING. REWIRE TO 120V AND NEW DIMMER SWITCH.	120	30W	3,188 LUMEN ARRAY LED, 3000K, 60,000 HOUR LIFE (L 92), 90 CRI	RECESSED	SPECTRUM INFINIUM NO. SGRT6FX-40L-30HK-DS2W1 OR APPROVED EQUAL. REWIRE FROM 277V TO 120V AND PROVIDE NEW DIMMER SWITCH CONTROL. SEE PLAN.
LB	REPLACE RECESS WALL MOUNTED ROUND FIXTURE WITH 7-3/8" DIAMETER ROUND LED FIXTURE WITH EYELID OPAL LENSE. ADA COMPLIANT. COLOR BLACK.	277	11W	565 LUMEN ARRAY LED, 3000K, 50,000 HOUR LIFE (L 70), 90 CRI	RECESSED	BEGA NO. 24152-K3-BLK OR APPROVED EQUAL. PATCH WALL AS REQUIRED FOR NEW INSTALLATION.
LC	REPLACE PENDANT MOUNTED FIXTURE WITH NEW 9" WIDE, ASYMETRIC, PENDANT MOUNTED LED FIXTURE. COLOR BLACK. PROVIDE PENDANT MOUNT HARDWARE AS REQUIRED TO MOUNT FROM EXISTING OUTLET BOX ON CEILING.	277	32W	3068 LUMEN ARRAY LED, 3000K, 60,000 HOUR LIFE (L 92), 90 CRI	PENDANT MOUNTED	ELLIPTIPAR NO. S120-M28D-X-13-M-V0-0-930-00-VCSXX- OR APPROVED EQUAL. REMOVE EXISTING FIXTURE AND REMOTE BALLAST AND EXTEND WIRING AS REQUIRED TO NEW FIXTURE. PROVIDE PENDANT STEMS TO MATCH EXISTING. AIM FIXTURE TO ILLUMINATE CEILING SURFACE AT COLUMN.
LD	REPLACE WALL MOUNTED FIXTURE WITH NEW 16" WIDE, WALL MOUNTED LED ASYMETRIC FIXTURE. COLOR WHITE.	277	32W	3,578 LUMEN ARRAY LED, 3000K, 60,000 HOUR LIFE (L 92), 90 CRI	WALL BRACKET MOUNTED	ELLIPTIPAR NO. S120-M56S-E-02-M-VO-0-930-00 OR APPROVED EQUAL. ADJUST AIMING TO PROVIDE EVEN ILLUMINATION ON CEILING SURFACE.
LF	LED 2X4 TROFFER WITH VOLUMETRIC LENS.	277	22W	3,276 LUMEN ARRAY LED, 3500K, 60,000 HOUR LIFE (L 92), 90 CRI	RECESSED	LITHONIA NO. 2BLT4-30L-ADSM-MVOLT-GZ10-LP835-N100 OR APPROVED EQUAL.
LG	SUSPENDED LED FIXTURE RING WITH WHITE OPAL DIFFUSER. 10" DIMETER, 8" HIGH, SUSPENDED BY 3/64" STAINLESS STEEL AIRCRAFT CABLE. FIXTURE INNER AND OUTER RING COVERED WITH 3FORM VARIA ECORESIN.	120	230W	11,000 LUMEN ARRAY LED, 3000K, 50,000 HOUR LIFE (L 70), 80 CRI	SUSPENDED	LIGHTART LA2-CON-RING-10D-8H-XX-830CK-STD-STM-WPC-WH OR APPROVED EQUAL. SUSPEND AT 10'. COLOR BY ARCHITECT. EACH FIXTURE IS A UNIQUE COLOR.
LH	PENDANT MOUNTED CYLINDRICAL LAMP SHADE WITH CABLE SET AND E28 LIGHT SOCKET FOR LED LAMP. SEAL SKIN LAMP SHADE AND DECORATIVE SOCKET ASSEMBLIES ARE SEPARATE ITEMS TO BE COMBINED INTO A SINGLE FIXTURE ASSEMBLY.	120	9W	900 LUMEN A19 LED BULB, 3000K, 90 CRI	PENDANT MOUNTED	GREAT GREENLAND LAMP SHADE W. SEALSKIN, BIG 43X32 (LAMP SHADE), AND SPECTRUM NO. DSP4INC-MB-CM72-BC-R51-MB-A19C-60W OR APPROVED EQUAL. CONTRACTOR TO PROVIDE HARDWARE ACCESSORIES REQUIRED TO MOUNT THE LAMP SHADE TO THE DECORATIVE SOCKET ASSEMBLY. SUSPEND AT 10' ABOVE RECEPTION COUNTER.

**PANEL SCHEDULE NOTES**

THE NOTES BELOW APPLY TO THE "NOTES" COLUMN IN THE EXISTING PANEL SCHEDULES:

- 1. NEW LOAD INDICATED, REUSE EXISTING CIRCUIT BREAKER.
- 2. AT TIME OF SITE INVESTIGATION, THE BREAKER WAS LABELED AS SPARE BUT WAS IN THE "ON" POSITION.
- 3. EXISTING LOAD AND CIRCUIT BREAKER (NO WORK). EXISTING LOAD NOT INDICATED.
- 4. EXISTING LOAD REMOVED. TURN INTO SPARE.

**GENERAL NOTES**

- 1. THE WORK DESCRIBED IN THIS PROJECT WILL RESULT IN A NET LOAD REDUCTION. ALL REPLACEMENT LIGHT FIXTURES ARE LED AND REPRESENT A SIGNIFICANT REDUCTION IN LOAD. THE EXISTING ELECTRICAL SERVICE REMAINS ADEQUATE AND DOES NOT REQUIRE AN UPGRADE FROM THIS PROJECT WORK.

SPACE RESERVED FOR MOA PERMIT STAMP

F O R:

SUBMITTAL

PRICING



**MCG**  
**EXPLORE**  
**DESIGN**

421 West 1st Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
exploredesign.com



Owner

**ALASKA NATIVE HERITAGE CENTER REMODEL**

8800 Heritage Center Drive, Anchorage, Alaska

**BID CONSTRUCTION DOCUMENTS**

JOB NO. 231248  
DATE: 10.15.2023  
PROJ. MGR.: DCN  
DRAWN BY: MAG  
REVIEWED BY: LRH  
REVISIONS:

**SCHEDULES**

SHEET NO.  
**E-601**

GENERAL NOTES

- 1. THE WORK DESCRIBED IN THIS PROJECT WILL RESULT IN A NET LOAD REDUCTION. ALL REPLACEMENT LIGHT FIXTURES ARE LED AND REPRESENT A SIGNIFICANT REDUCTION IN LOAD. THE EXISTING ELECTRICAL SERVICE REMAINS ADEQUATE AND DOES NOT REQUIRE AN UPGRADE FROM THIS PROJECT WORK.

PANEL SCHEDULE NOTES

THE NOTES BELOW APPLY TO THE "NOTES" COLUMN IN THE EXISTING PANEL SCHEDULES:

- 1. NEW LOAD INDICATED, REUSE EXISTING CIRCUIT BREAKER.
2. AT TIME OF SITE INVESTIGATION, THE BREAKER WAS LABELED AS SPARE BUT WAS IN THE "ON" POSITION.
3. EXISTING LOAD AND CIRCUIT BREAKER (NO WORK). EXISTING LOAD NOT INDICATED.
4. EXISTING LOAD REMOVED. TURN INTO SPARE.

SPACE RESERVED FOR MOA PERMIT STAMP

Table with columns: PANEL LOCATION SPECIAL, EXISTING PP, 480/277V, 3 PHASE, 4 WIRE, MOUNTING: SURFACE, NEMA 1, GRND BUS: EQUIPMENT, SHORT CKT: 18 kA SCCR. Includes circuit schedule table with columns for C/T, NOTES, CIRCUIT DESCRIPTION, LOAD (AMPS), BKR TRIP, POLES, CKT NO, BUS, CKT NO, POLES, BKR TRIP, LOAD (AMPS), CIRCUIT DESCRIPTION, NOTES, C/T.

Table with columns: PANEL LOCATION SPECIAL, EXISTING LL, 480/277V, 3 PHASE, 4 WIRE, MOUNTING: FLUSH, NEMA 1, GRND BUS: EQUIPMENT, SHORT CKT: 18 kA SCCR. Includes circuit schedule table with columns for C/T, NOTES, CIRCUIT DESCRIPTION, LOAD (AMPS), BKR TRIP, POLES, CKT NO, BUS, CKT NO, POLES, BKR TRIP, LOAD (AMPS), CIRCUIT DESCRIPTION, NOTES, C/T.

Table with columns: PANEL LOCATION SPECIAL, EXISTING S, 208/120V 3 PHASE, 4 WIRE, MOUNTING: SURFACE, NEMA 1, GRND BUS: EQUIPMENT, SHORT CKT: 10 kA SCCR. Includes circuit schedule table with columns for C/T, NOTES, CIRCUIT DESCRIPTION, LOAD (AMPS), BKR TRIP, POLES, CKT NO, BUS, CKT NO, POLES, BKR TRIP, LOAD (AMPS), CIRCUIT DESCRIPTION, NOTES, C/T.

Table with columns: PANEL LOCATION SPECIAL, EXISTING SS, 480/277V, 3 PHASE, 4 WIRE, MOUNTING: SURFACE, NEMA 1, GRND BUS: EQUIPMENT, SHORT CKT: 18 kA SCCR. Includes circuit schedule table with columns for C/T, NOTES, CIRCUIT DESCRIPTION, LOAD (AMPS), BKR TRIP, POLES, CKT NO, BUS, CKT NO, POLES, BKR TRIP, LOAD (AMPS), CIRCUIT DESCRIPTION, NOTES, C/T.

- F O R:
SUBMITTAL
PRICING



MCG EXPLORE DESIGN

421 West 1st Avenue, Suite 300
Anchorage, Alaska 99501
907.563.8474 | F 907.563.4572
exploredesign.com



Owner

ALASKA NATIVE HERITAGE CENTER REMODEL

8800 Heritage Center Drive, Anchorage, Alaska

BID CONSTRUCTION DOCUMENTS

JOB NO. 231248
DATE: 10.15.2023
PROJ. MGR.: DCN
DRAWN BY: MAG
REVIEWED BY: LRH
REVISIONS:

SCHEDULES

SHEET NO.

E-602



**P1** LOBBY & GATHERING SWITCHES  
E-801 N.T.S.



**P2** HALL OF CULTURES LIGHTS  
E-801 N.T.S.



**P3** ARTIST LOFT LIGHTS  
E-801 N.T.S.



**P4** RAMP WALL LIGHTS  
E-801 N.T.S.



**P5** GATHERING LIGHTS  
E-801 N.T.S.



**P6** COLUMN UPLIGHTS  
E-801 N.T.S.



**P7** LOBBY-GATHERING LIGHTS  
E-801 N.T.S.



**P8** UNISON CABINET  
E-801 N.T.S.

F O R:  
● SUBMITTAL  
● PRICING

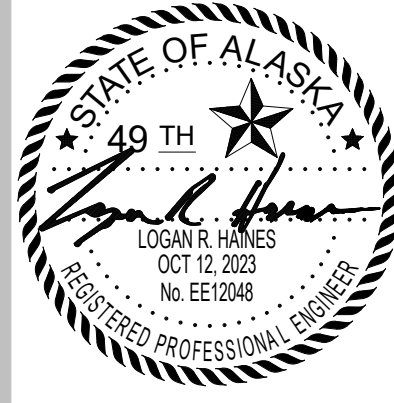


**MCG**  
EXPLORE  
DESIGN

421 West 1<sup>st</sup> Avenue, Suite 300  
Anchorage, Alaska 99501  
907.563.8474 | F 907.563.4572  
exploredesign.com

**COFFMAN**  
ENGINEERS

800 F Street  
Anchorage, AK 99501  
ph 907.276.6664  
www.coffman.com AEC249



Owner

**ALASKA**  
NATIVE  
HERITAGE  
CENTER  
REMODEL

8800 Heritage Center Drive,  
Anchorage, Alaska

**BID CONSTRUCTION**  
DOCUMENTS

JOB NO.	231248
DATE:	10.15.2023
PROJ. MGR.:	DCN
DRAWN BY:	MAG
REVIEWED BY:	LRH
REVISIONS:	

EXISTING  
CONDITIONS  
PHOTOS

SHEET NO.  
**E-801**