







# Anax̱ Yaa Andagan Yé Daakahídi Cultural Center: "Where the Sun Rays Touch First"

## DOUGLAS INDIAN ASSOCIATION AND TRIBAL GOVERNMENT

35% COORDINATION SET

OWNER	ARCHITECT	MECHANICAL	ELECTRICAL	STRUCTURAL	CIVIL	LANDSCAPE	LAND SURVEY
 <div>Douglas Indian Association 1021 Glacier Ave. Juneau, AK, 99801</div>	 <div>NorthWind Architects, LLC. 126 Seward St. Juneau, Alaska 99801 Sean Boily, AIA</div>	<div>Modern Mechanical 11001 Black Bear Road Juneau, AK 99801  (907) 789-9320</div>	<div>Benenyi Engineering 217 2nd St. Juneau, AK 99801  Barry Begenyi (907) 586-5900</div>	 <div>Timberline Engineering 11460 Jo Anne Way Juneau, AK 99801  Jake Graves (907) 635-1433</div>	 <div>ProHNS LLC 1945 Alex Holden Way #101 Juneau, AK 99801  Lucas M. Chambers, PE (907) 780-4004</div>	 <div>Corvus Design 119 Seward St. Unit 15 Juneau, AK 99801  (907) 523-9100</div>	 <div>North 57 Land Surveying 8800 Glacier Hwy Suite 224 1/2 Juneau, AK 99801  (907) 738-5120</div>

### PROJECT DESCRIPTION

SCOPE OF WORK DESCRIBED BELOW IS INCLUSIVE OF ALL ASSOCIATED ARCHITECTURAL, MECHANICAL AND ELECTRICAL WORK WITHIN, OR REQUIRED TO SUPPORT THE AREAS DELINEATED.

THE WORK OF PROJECT IS DEFINED BY THE CONTRACT DOCUMENT DRAWINGS AND SPECIFICATIONS, IS FOR THE CONSTRUCTION OF A NEW BUILDING. BASE BID AND DESIGN ALTERNATES AND CONSISTS OF THE FOLLOWING:

**PHASE ONE SITE DEVELOPMENT.** REMOVE OVERBURDEN MATERIAL DESCRIBED IN STRUCTURAL DRAWINGS AND PROVIDE ENGINEERED FILL TO DEPTH OF LOWER-LEVEL FOUNDATION. EXTEND UTILITIES AS REQUIRED TO COMPLETE THE PHASE 2 WORK. ANTICIPATE MATERIAL REMOVAL 4,800 CUBIC YARDS. ANTICIPATED PHASE 1 ENGINEERED FILL 3,500 CUBIC YARDS. INCLUSIVE WITH PHASE 1 WORK IS PROVISION OF THE LOWER "HANNA BLOCK" SITE RETAINING STRUCTURE AS WELL AS THE ELECTRICAL UTILITY POWER LINE EXTENSION. ANTICIPATING CONSTRUCTION LATE SUMMER 2023

**PHASE 2 BUILDING AND SITE CONSTRUCTION:** WORK WILL INCLUDE CONSTRUCTION OF 2600 SF, TWO STORY BUILDING AND ALL OTHER FEATURES DEFINED IN THESE DOCUMENTS, INCLUDING CONSTRUCTION OF THE UPPER SITE RETAINAGE, RAMPS, RAILINGS EXTERIOR ACCESS STAIRS, AND INSTALLATION OF HARDSCAPES AND LANDSCAPE FINISHING. ANTICIPATING CONSTRUCTION STARTING FALL 2023, EXTENDING THOUGH 2024 THE FF&E AND MOVE-IN EARLY IN 2025.

3800gsf

### GENERAL NOTES

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COVER SHEET

SHEET # G0.0

PLOT DATE: 06/05/2023  
ISSUE DATE: 06/05/2023

ABBREVIATIONS

#	pound or number
&	and
(E)	existing
(R)	relocated
+	plus
-	minus
<	Angle
=	equal
@	at
A/C	air conditioning
AB	anchor bolt, air barrier
ABV	above
ACOUS	acoustical
ACT	acoustical ceiling tile
AD	area drain
ADJ	adjacent
ADJST	adjustable
AESS	architecturally exposed structural steel
AFF	above finished floor
AG	acoustical glass
ALT	alternate
ALUM	aluminum
ANC	anchorage
APPROX	approximate
ARCH	architectural
ARG	abuse resistant gypsum wall board
ASPH	asphalt
AVG	average
AWP	acoustical wood panel
B.O.	bottom of
BD	board
BLDG	building
BLK	block
BLKG	blocking
BLW	below
BM	beam
BOD	bottom of deck
BOF	bottom of footing
BOT	bottom
BSBD	baseboard
BSMT	basement
BTWN	between
C.I.P.	cast in place
CAB	cabinet
CB	cove base
CBU	cement backer unit
CEM	cement
CF	cubic foot
CFCI	contractor furnish/ contractor install
CFMF	cold formed metal framing
CG	corner guard
CIP	cast in place concrete
CJ	control joint
CL	center line
CLG	ceiling
CLO	closet
CNR	corner
CNTR	counter
CO	clear clean out
COL	column
CONC	concrete
CONN	connection
CONST	construction
CONT	continuous
CONTR	contractor
CORR	corridor
CPT	carpet
CR	closet rod
CT	ceramic tile
CTR	center
CTSK	countersink
CUH	cabinet unit heater

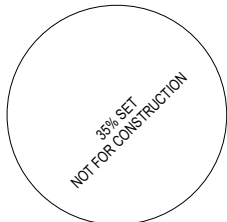
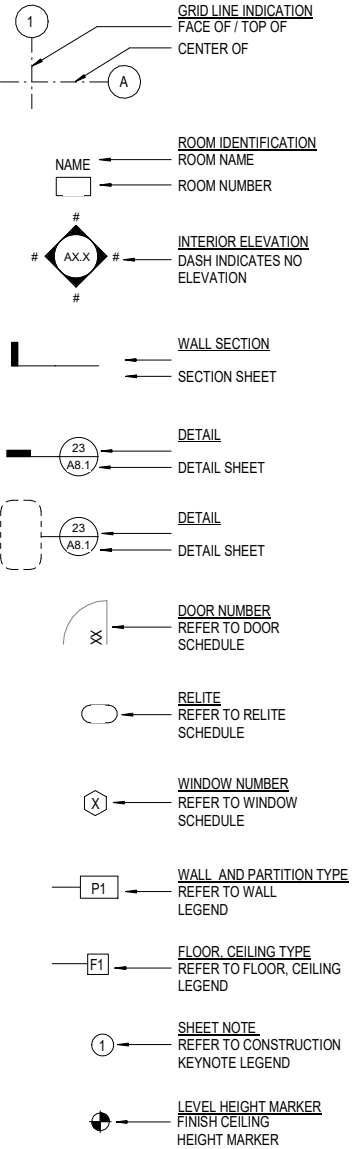
CUR	cubical curtain
CW	curtain wall
CWB	cement board
D	deep, depth
DBL	double
DEB	dry erase board
DEMO	demolish, demolition
DEPT	department
DET	detail
DF	drinking fountain
DIA	diameter
DIM	dimension
DIV	division
DN	down
DP	dampproof(ing)
DR	door
DS	downspout
DW	dishwasher
DWG	drawing
DWR	drawer
E	east
EA	each
EF	exhaust fan
EJ	expansion joint
EL	elevation
ELEC	electrical
ELEV	elevator
EM	entry mat
EMER	emergency
ENCL	enclosure
EP	electrical panelboard
EPX	epoxy
EQ	equal
EQUIP	equipment
EXH	exhaust
EXIST	existing
EXP	exposed
EXPAN	expansion
EXT	exterior/extend
F	factory finish
FA	fire alarm
FAB	fabricate
FAF	fluid applied flooring
FBCT	folding baby changing table
FD	floor drain, file drawer
FDC	fire department connection
FDN	foundation
FE	fire extinguisher
FEC	fire extinguisher cabinet
FFL	finished floor line
FG	fiberglass
FH	fire hydrant
FHD	feminine hygiene disposal
FIN	finish
FLASH	flashing
FLR	floor
FO	face of
FOC	face of concrete
FOF	face of finish
FOS	face of studs
FP	fireproof
FRMG	framing
FRP	fiberglass reinforced panels
FRT	fire retardant treated
FS	full size
FSS	folding shower seat
FT	foot, feet
FTG	footing
FURR	furring
FUT	future
FWS	freestanding wire shelving
GA	gauge
GALV	galvanized

GB	grab bar
GEN	general
GFCI	government furnish/contract install
GI	galvanized iron
GL	glass
GND	ground
GRD	grade
GT	glass tile
GWB	gypsum wall board
GYP	gypsum
H2O	water cooler
HB	hose bibb
HC	hollow core
HDG	hot dipped galvanized
HDR	header
HDWD	hardwood
HDWE	hardware
HM	hollow metal
HMT	hollow metal thermal break
HORIZ	horizontal
HR	hour
HT	height
HTG	heating
HTR	heater
HVC	heating/ventilating/cooling
HWH	hot water heater
ID	inside diameter
IG	insulated glass
IHM	insulated hollow metal
INCL	include
INSUL	insulation
INT	interior
IPS	interior paint system
JAN	janitor
JST	joist
JT	joint
KD	knock down
KIT	kitchen
KO	knock out
L	length, long
LAB	laboratory
LAM	laminated
LB	lock box (telephone)
LH	left hand
LIN	linoleum flooring
LKR	locker
LM	laminated glass
LT	light
LWC	linear wood ceiling
M&E	mechanical and electrical
MACH	machine
MATL	material
MAX	maximum
MBD	marker board
MC	medicine cabinet
MCP	metal ceiling panel
MCS	metal ceiling system
MECH	mechanical
MEMB	membrane
MET	metal
MFR	manufacturer
MGO	magnesium oxide
MH	manhole
MIL	millimeter
MIN	minimum
MIR	mirror
MPI	Master Painter's Institute
MR	moisture resistant
MRGB	moisture resistant gypsum board
MSB	mop service basin
MTD	mounted
MTL	metal
MTLB	metal base

MUL	mullion
MWP	metal wall panel
N	north
N/A	not applicable
NIC	not in contract
NO	number
NOM	nominal
NSMF	non-structural metal framing
NTS	not to scale
OC	on center
OD	outside diameter
OFCI	owner furnish/contractor install
OFOI	owner furnish/owner install
OH	overhead
OPNG	opening
OPP	opposite
OPQ	opaque
ORD	overflow roof drain
PC	pre-cast
PCR	proximity card reader
PCT	porcelain tile
PERF	perforated
PKG	parking
PL	property line
PLAM	plastic laminate
PLUM	plumb, plumbing
PLYWD	plywood
PNL	panel
PR	pair
PREFAB	prefabricated
PREFIN	prefinish(ed)
PSF	pounds per square foot
PSI	pounds per square inch
PT	paint
PTD	paper towel dispenser
PTDR	paper towel dispenser and receptacle
PTN	partition
PTR	paper towel receptacle
PVMT	pavement
QT	quarry tile
RB	resilient/rubber base
RCP	reflected ceiling plan
RD	roof drain
RE:	regarding (see)
REBAR	reinforcing bar
REF	reference
REFL	reflected
REFR	refrigerator
REINF	reinforc(ed)(ing)
REQD	required
RESIL	resilient
RFEC	recessed fire extinguisher cabinet
RH	robe hook, right hand
RM	room
RO	rough opening
RP	resin panel
RRS	resilient rubber sheet
RSB	rubber self cove base
RTD	rated
RWL	rain water leader
SA	self-adhered
SASW	self-adhered sheet waterproofing
SB	shower bench
SCHED	schedule
SCO	seat cover
SD	soap dispenser
SDT	static dissipative tile
SECT	section
SH	shelf
SHTG	sheeting
SHV	sheet vinyl
SHWR	shower
SIM	similar

SLR	sealer
SPEC	specification
SQ	square
SR	slip resistant
SS	stainless steel
SSK	service sink
SSM	solid surface material
ST	stain
STA	station
STD	standard
STL	steel
STN	stone
STRUCT	structural
SUSP	suspended
SYM	symmetrical
SYS	system
T	perpendicular
T&G	tongue and groove
T.O.	top of
TB	thermal break
TBD	to be determined
TBM	tack board (modular)
TEL	telephone
TEMP	temporary
TFF	troweled floor finish
TG	tempered glass
THK	thick
TKBD	tackboard
TOB	top of beam
TOC	top of concrete, top of curb
TOP	top of pavement
TOS	top of steel
TOW	top of wall
TPN	toilet partition TS tube steel
TSCD	toilet seat cover dispenser
TSPN	transparent
TTD	toilet tissue dispenser
TV	television
TWF	troweled wall finish
TYP	typical
UL	Underwriters Laboratories, Inc.
UNFIN	unfinished
UNO	unless noted otherwise
UR	urinal
VB	vapor barrier
VCT	vinyl composition tile
VERT	vertical
VEST	vestibule
VIF	verify in field
VR	vapor retarder
W	west, wide, width
W/	with
W/O	without
WB	window blind
WC	water closet
WCS	wood ceiling system
WCV	wall covering
WD	wood
WDG	wood grille
WDP	wood panel
WDW	window
WDWT	window treatment
WH	wall hung
WOC	walkoff carpet
WOM	walkoff mat
WP	waterproof
WR	water resistant/waste receptical
WS	window shade
WSCT	wainscot
WT	window treatment
WWF	woven wire fence
Σ	summation
≈	approximately

SYMBOLS



06/05/2023  
W  
N  
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Ph #907.586.6150  
www.northwindarch.com

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABEL SCALES.

AYAYD Cultural Center  
DOUGLAS INDIAN ASSOCIATION AND TRIBAL GOVERNMENT  
ST. ANNS AVENUE  
DOUGLAS, ALASKA

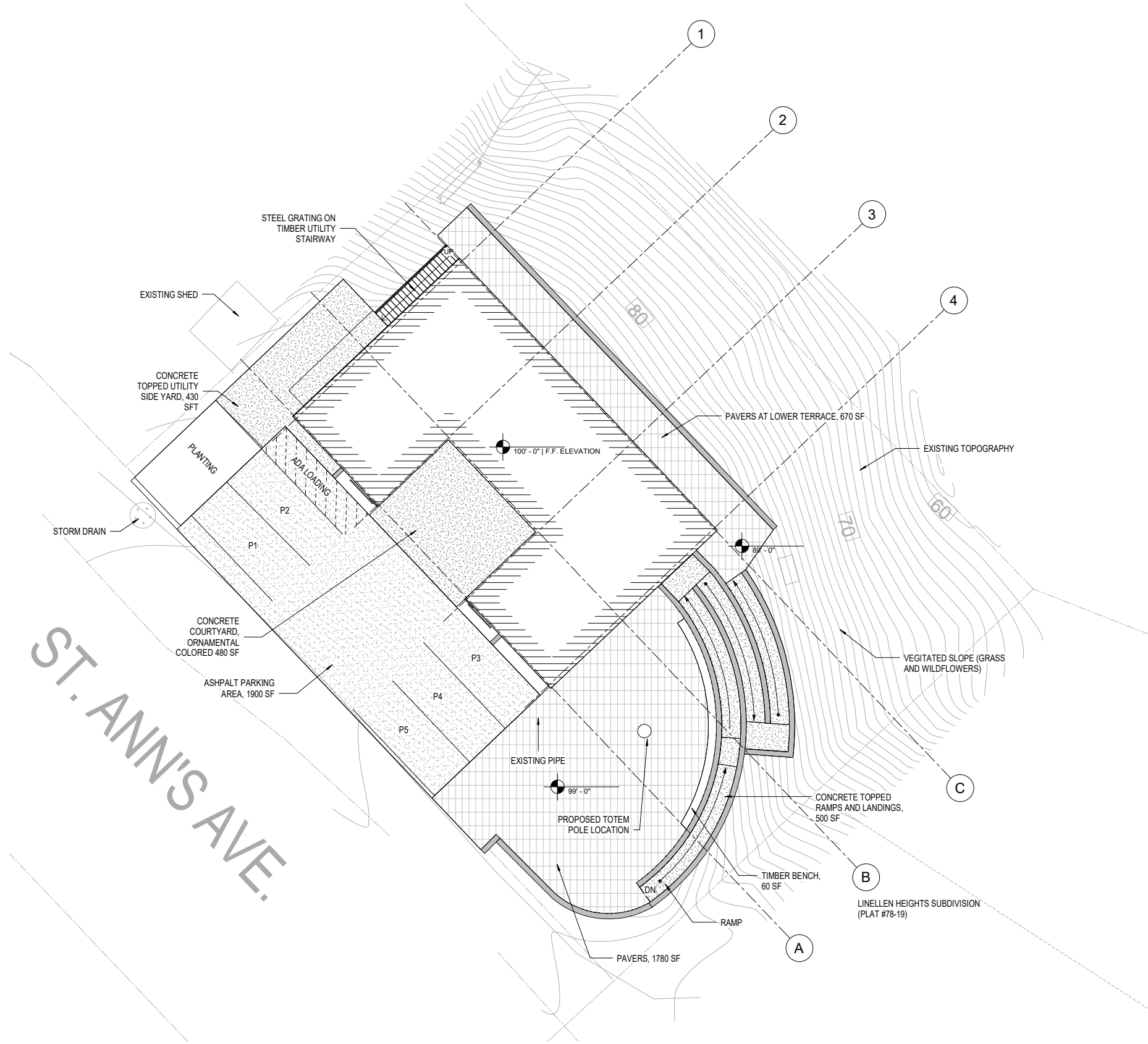
SHEET TITLE:  
ABBREVIATIONS &  
LEGEND

CHECKED Approver  
DRAWN Author  
issue date description

SHEET #  
G0.1

ISSUE DATE 06/05/2023

@ NorthWind Architects, LLC, Project Number: NW4-2208



**GENERAL NOTES:**

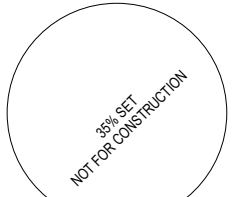
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**PARKING NOTES:**

1.

**SHEET NOTES:**

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06/05/2023



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ST. ANNS AVENUE  
DOUGLAS, ALASKA

SHEET TITLE:  
**SITE PLAN**

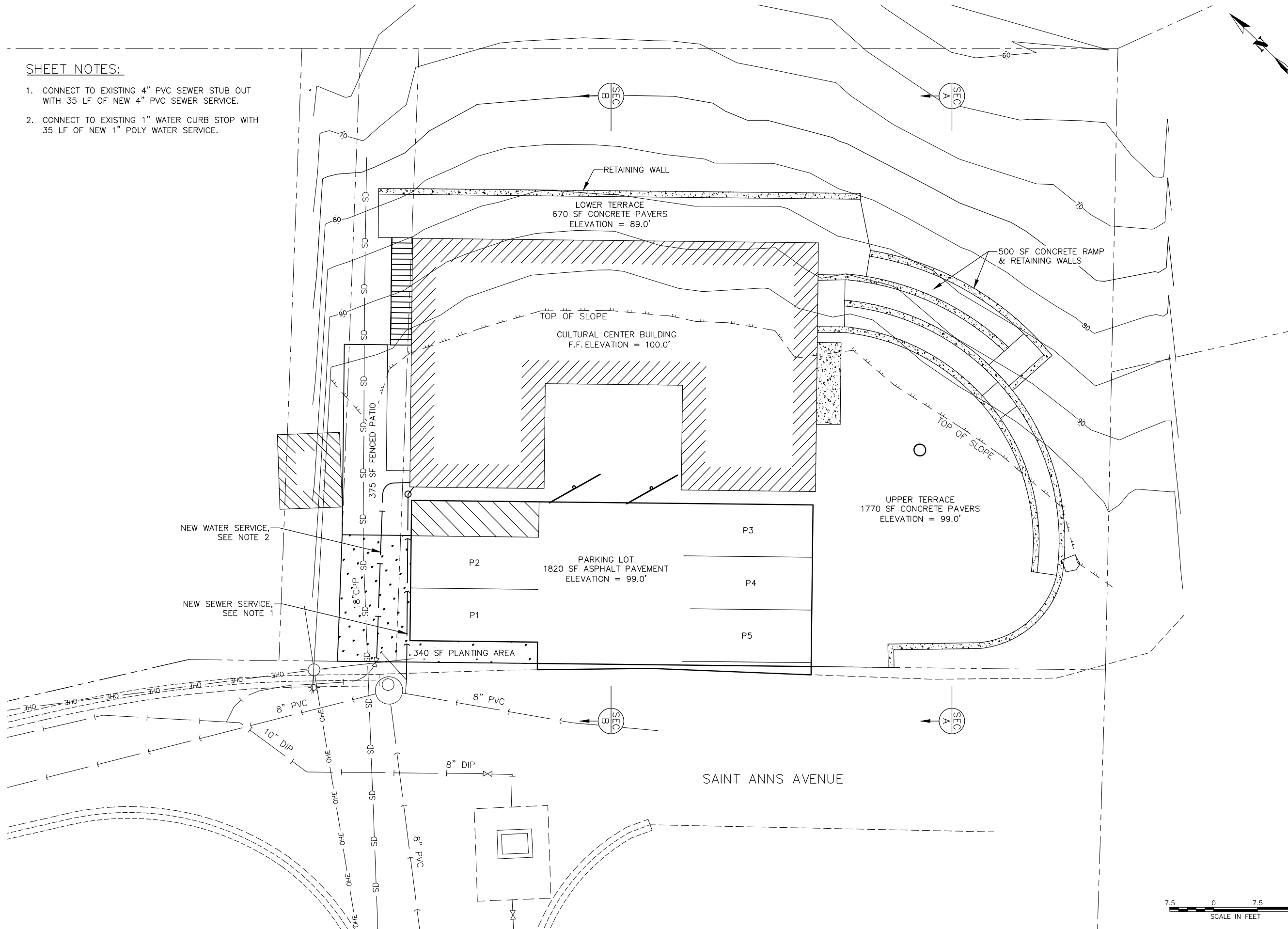
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SHEET # **G1.0**

ISSUE DATE 06/05/2023

**SHEET NOTES:**

1. CONNECT TO EXISTING 4" PVC SEWER STUB OUT WITH 35 LF OF NEW 4" PVC SEWER SERVICE.
2. CONNECT TO EXISTING 1" WATER CURB STOP WITH 35 LF OF NEW 1" POLY WATER SERVICE.



35%  
DRAFT  
SUBMITTAL



proHNS LLC  
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DOUGLAS INDIAN ASSOCIATION AND TRIBAL GOVERNMENT

SAINT ANNS AVENUE  
DOUGLAS, ALASKA

SHEET TITLE:  
**CIVIL SITE PLAN**

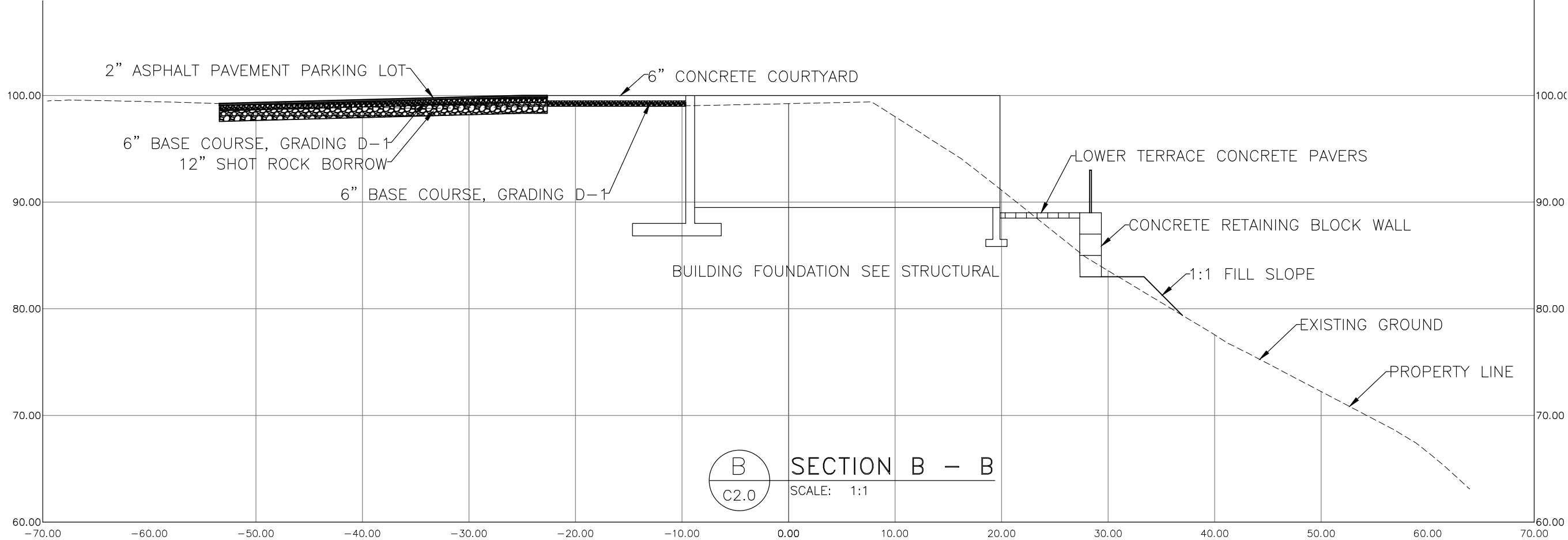
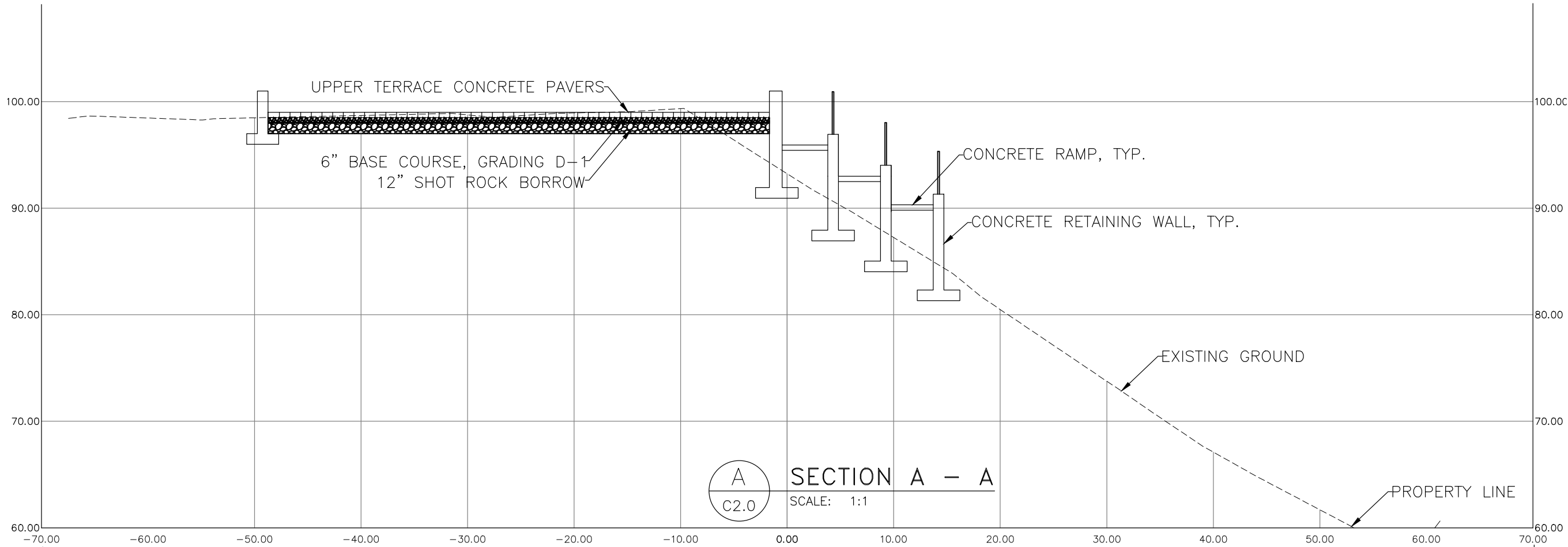
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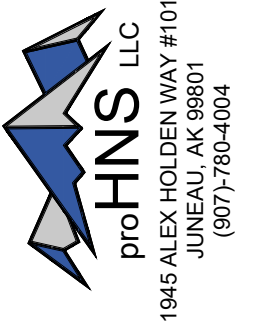
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Attachment A6 - Application Plans

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DOUGLAS INDIAN ASSOCIATION AND TRIBAL GOVERNMENT

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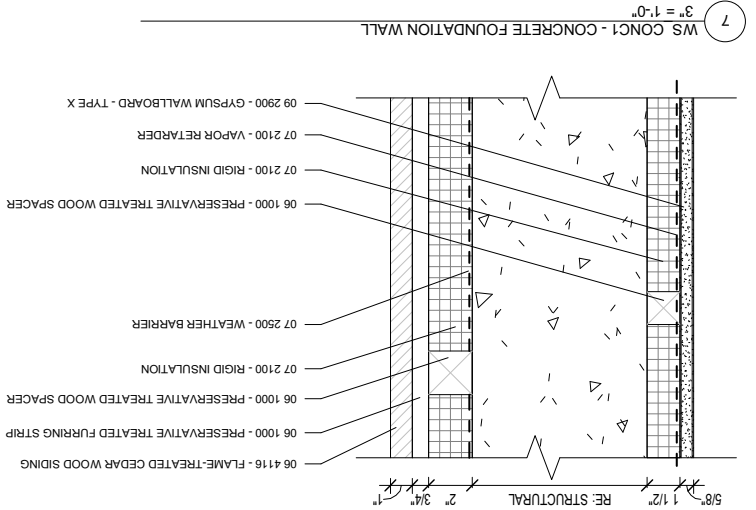
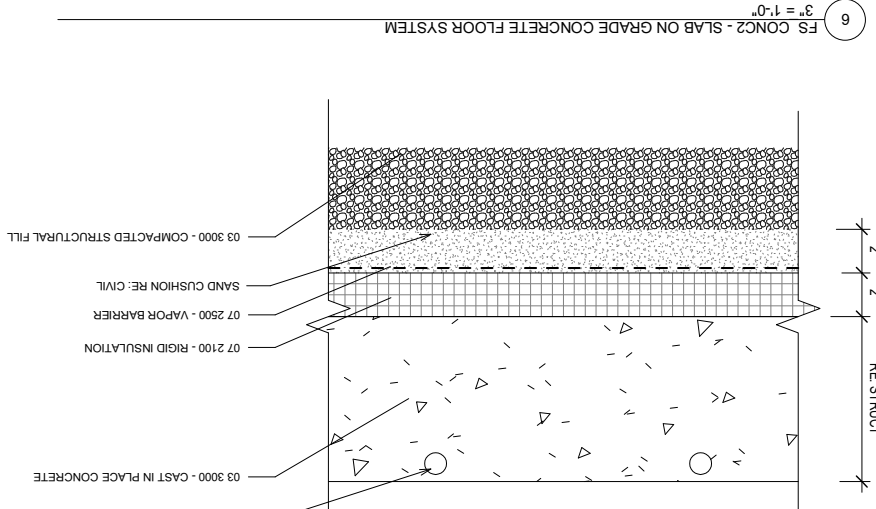
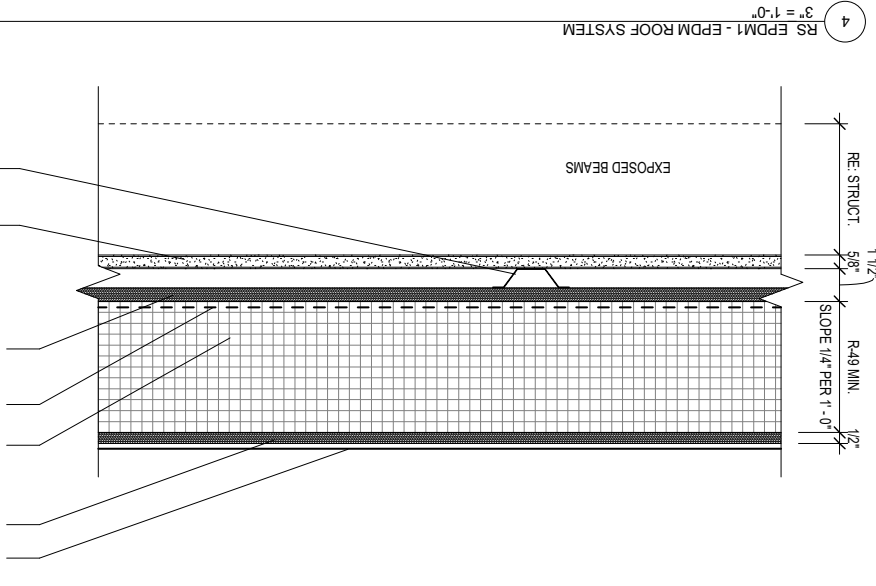
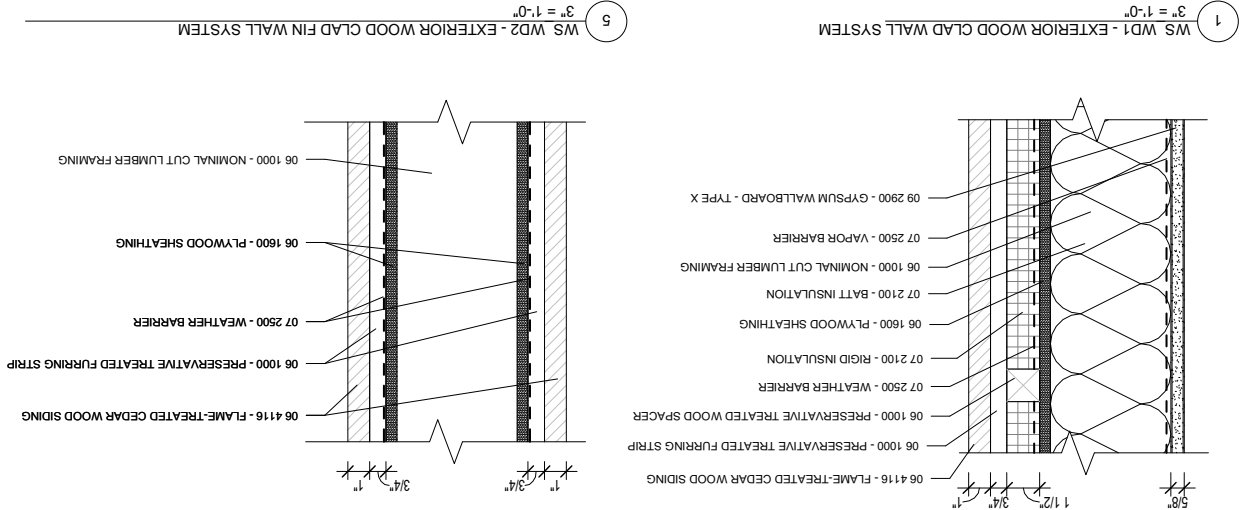
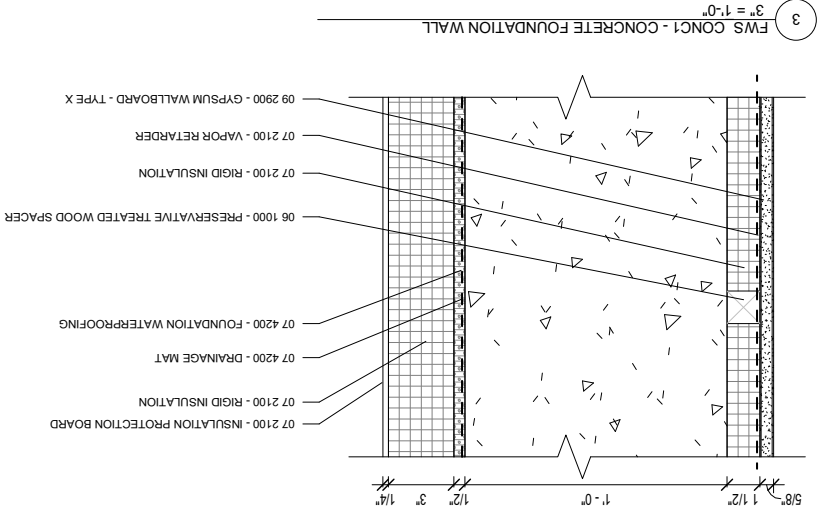
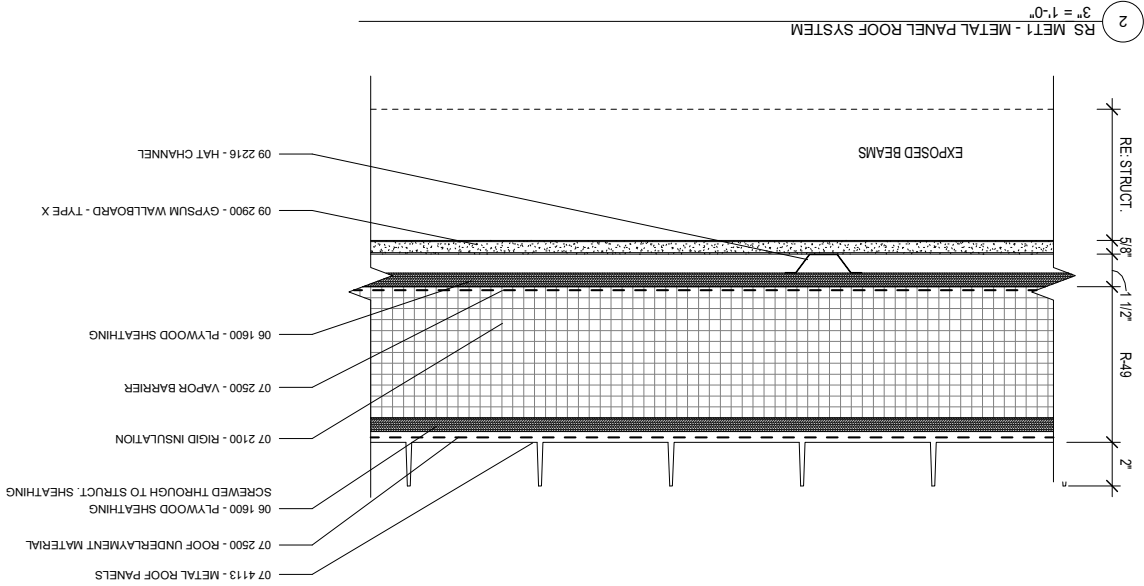
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SECTION VIEWS

CHECKED L. CHAMBERS  
DRAWN E. ROEMELING

issue date description

SHEET # **C2.0**

ISSUE DATE 06/02/23



- GENERAL NOTES:**
- IT IS THE INTENT OF THESE DOCUMENTS TO DESCRIBE A FULLY AIR/WATER TIGHT ENVELOPE SYSTEM COMPRISED PRIMARILY OF THE 074200 EXTERIOR WALL ASSEMBLY AND 073323 ROOF ASSEMBLY SYSTEMS. THE AIR/WATER TIGHTNESS OF THE SYSTEM SHALL BE FIELD TESTED BY THE CONTRACTOR DURING CONSTRUCTION USING IN-PLACE MOCK-UPS, AND BY THE OWNER AS A PART OF COMMISSIONING. IDENTIFIED DEFICIENCIES SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE.
  - IT IS THE INTENT OF THESE DOCUMENTS TO DESCRIBE 1HR AND 2HR RATED ASSEMBLIES DESIGNED TO FULLY PROTECT THE 061200 STRUCTURAL STEEL FRAME AND 063000 STEEL DECK SYSTEMS, AND AT REQUIRED LOCATIONS TO PREVENT THE SPREAD OF FIRE AND SMOKE BETWEEN SPACES. ALL RATED ASSEMBLIES SHALL BE INSPECTED BY THE OWNER'S AGENT PRIOR TO COVER. IDENTIFIED DEFICIENCIES SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE.
  - ALL JOINTS AND PENETRATIONS THROUGH FIRE RATED ASSEMBLIES TO BE FIRE STOPPED UTILIZING DELEGATED DESIGN FIRESTOPPING DETAILS IN ACCORDANCE WITH 07443 "PENETRATION AND JOINT FIRESTOPPING".
  - ALL WALL ASSEMBLIES IN EXCESS OF 10' IN HEIGHT SHALL BE FIRE BLOCKED.
  - SEE PLANS, SECTIONS AND ELEVATIONS FOR FLOOR/CEILING AND WALL TYPE LOCATIONS. IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH (1") EXACTLY, THIS DRAWING WILL HAVE BEEN ENLARGED OR REDUCED, AFFECTING ALL LABEL SCALES.
  - SEE DETAILS FOR LOCATION-SPECIFIC INFORMATION.
- LEGEND:**
- STRUCTURAL FRAMING - SEE STRUCT.

SHEET #

ISSUE DATE

06/05/2023

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APPROVER

DATE

DESCRIPTION

ASSEMBLIES

EXTERIOR BUILDING

SHEET TITLE:

**AYAYD Cultural Center**

DOUGLAS INDIAN ASSOCIATION AND TRIBAL GOVERNMENT

ST. ANNS AVENUE

DOUGLAS, ALASKA

126 Seward St

Juneau, AK 99801

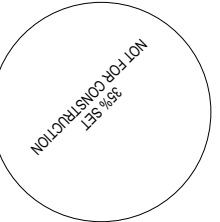
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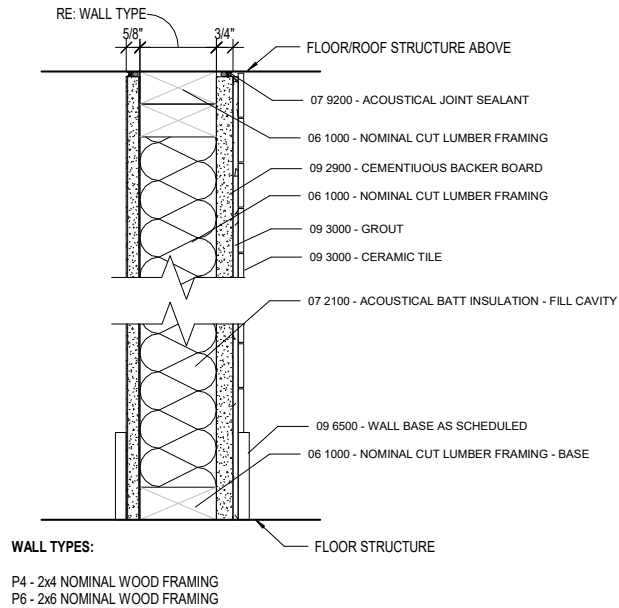
**NorthWind**

Architects, LLC

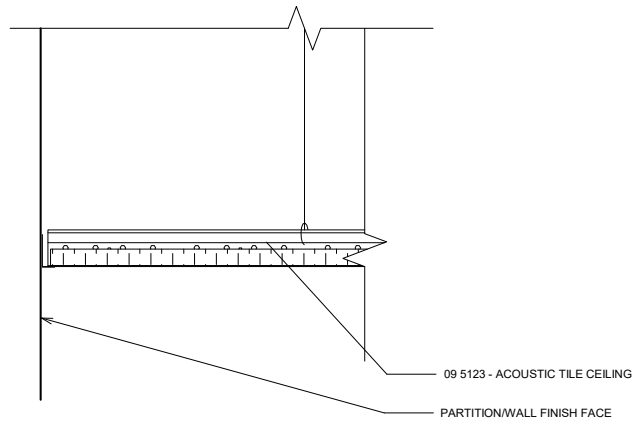
06/05/2023



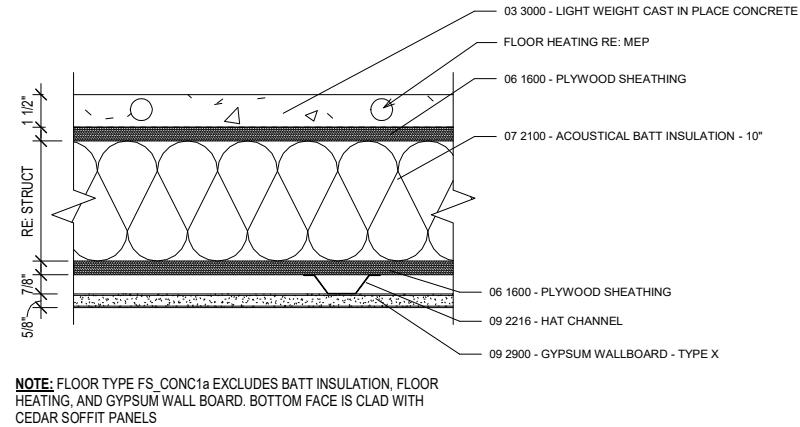




4 P( ) - CT - INTERIOR WOOD FRAMED PARTITION WITH CERAMIC TILE  
3" = 1'-0"



5 CLG-ACT1 - ACOUSTIC TILE CEILING  
3" = 1'-0"



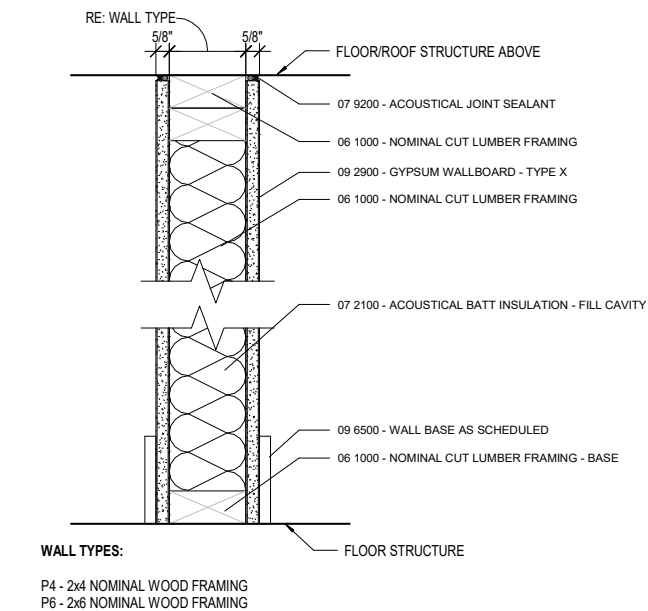
6 FS\_CONC1 - CONCRETE FLOOR & CEILING SYSTEM  
3" = 1'-0"

#### GENERAL NOTES:

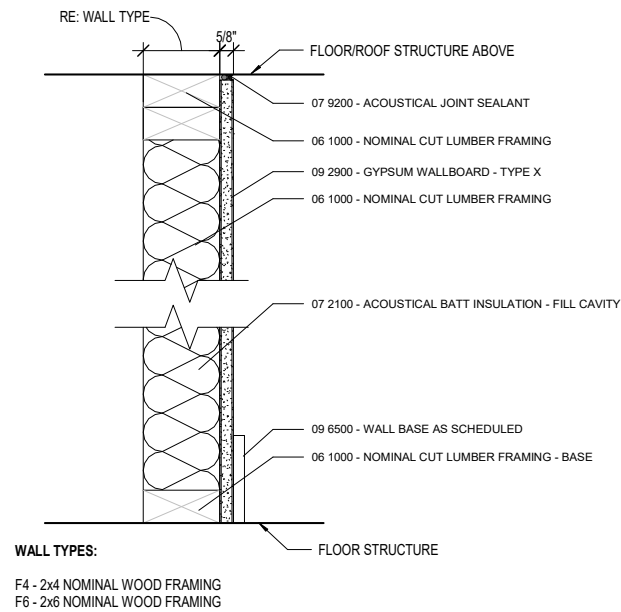
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#### LEGEND:

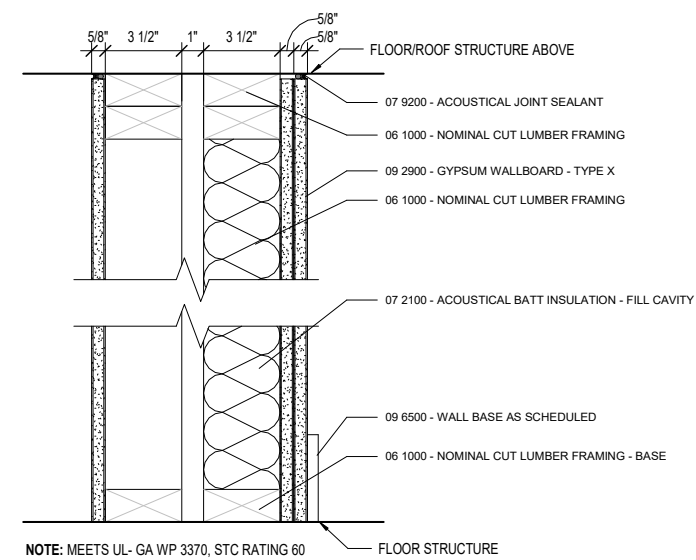
STRUCTURAL FRAMING -  
SEE STRUCT



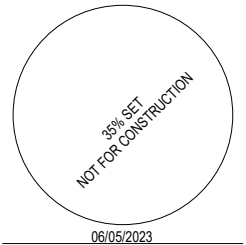
1 P( ) - INTERIOR WOOD FRAMED PARTITION  
3" = 1'-0"



2 F( ) - INTERIOR WOOD FRAMED FURRING WALL  
3" = 1'-0"



3 SW1 - INTERIOR WOOD FRAMED ELEVATOR SHAFT WALL PARTITION  
3" = 1'-0"



**N**  
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DOUGLAS, ALASKA

SHEET TITLE:  
**INTERIOR BUILDING  
ASSEMBLIES**

CHECKED Approver  
DRAWN Author  
issue date description

SHEET # **A0.1**

ISSUE DATE 06/05/2023

ARCHITECTURAL SPECIFICATIONS:

DIVISION 01 - GENERAL REQUIREMENTS

- 1. SUBMITTALS: PROVIDE SUBMITTALS, INCLUDING SHOP DRAWINGS, PRODUCT LITERATURE, COLOR PATTERN SECTIONS, AND PROPOSED SUBSTITUTION FOR CONSULTANT AND CLIENT REVIEW AND APPROVE PRIOR TO PROCEEDING. DIGITAL SUBMITTALS FORWARDED TO STEAMLINE REVIEW PREFERRED. ANTICIPATE 10 DAY SUBMITTAL TURNAROUND BY A/E TEAM.
- 2. CONTRACTOR IS RESPONSIBLE FOR COORDINATION AND ASSEMBLY OF ALL COMPONENTS OF THE WORK.

DIVISION 02 - CONCRETE  
SEE STRUCTURAL AND CIVIL SPECIFICATION

DIVISION 03 - METALS

SEE ALSO STRUCTURAL SPECIFICATION

- SECTION 05 50 00 - METAL FABRICATIONS**
- 1. OPEN FRAMING OF INTERIOR STAIRWAY (PAINTED)
  - 2. GUARDRAIL ASSEMBLIES AT INTERIOR STAIRWAY.
  - 3. STAINLESS STEEL PIPE HANDRAILS AT INTERIOR STAIRWAYS
  - 4. HOT DIPPE GALVANIZED GUARDRAIL ASSEMBLY AT LANDSCAPE RAMP.
  - 5. HOT DIPPE GALVANIZED GUARDRAIL ASSEMBLY AT LANDSCAPE RAMP AND STAIR
  - 6. GALVANIZED STEEL GRATING STIR TREADS AT LANDSCAPE STAIRWAY.
  - 7. 3/8" ALLOY STAINLESS STEEL CABLE NET INFILL PANELS AT LANDSCAPE RAMP RAILING
  - 8. STEEL PIVOT POSTS FOR WOOD PANELS IN COURTYARD (PAINTED)
  - 9. HOT DIPPE GALVANIZED STEEL TOWERPOLE BASE ARMATURE IN COURTYARD

DIVISION 06 - WOOD, PLASTICS, & COMPOSITES

SECTION 06 10 00 - ROUGH CARPENTRY

SEE ALSO STRUCTURAL SPECIFICATION

- 1. DIMENSION FRAMING LUMBER, WOOD BLOCKING AND NAILERS - FOR KINGS FRAMING
- 2. FLYWOOD
- A. INTERIOR MISCELLANEOUS BACKING USE, LOCATIONS AND THICKNESS PER DRAWINGS, GRADE AOK

SECTION 06 20 23 - INTERIOR FINISH CARPENTRY

- 1. INTERIOR WOOD TRIM
- A. INTERIOR TRIM FOR TRANSPARENT FINISH
- B. SOLID SAWN WOOD, PREMIUM, HEMLOCK, ¾" MINIMUM
- B. INTERIOR FRAMES AND JAMBS FOR TRANSPARENT FINISH
- A. SOLID SAWN WOOD, PREMIUM, C.V.G, HEMLOCK, ¾" MINIMUM

SECTION 06 20 30 - EXTERIOR FINISH CARPENTRY

- 1. EXTERIOR WOOD PAULS:
- A. 2" THICK CEDAR SLABS GANGED TOGETHER IN TWO 10" X 10" CARVABLE PANELS - LOGS STRAIGHT LUMBER SUPPLIED (HOUNAH)
- B. SOLID 3" CEDAR MEMBERS FOR CONFIGURATION AS CURVED SITE BENCH ALONG RETAINING WALL (SEE SITE PLAN). APPROXIMATELY 30 LF X 16" DEEP MOUNTED TO CAST CONCRETE SITE WALL.

SECTION 06 41 14 - PLASTIC LAMINATE FACED ARCHITECTURAL CABINETS

- 1. ARCHITECTURAL CABINETS:
- A. GRADE: PREMIUM
- B. TYPE OF CONSTRUCTION: FRAMELESS
- C. DOOR AND DRAWER FRONT STYLE: 1/2" REVEAL OVERLAY
- D. ADA KNIFE SPACE AT VEGETABLE SINK IN TEACHING KITCHEN, AND AT WASH SINK IN STAFF KITCHENETTE
- E. LAMINATE GLAZING: HIGH-PRESSURE DECORATIVE LAMINATE: NEMA LD 3
- A. BASIS OF DESIGN MANUFACTURER: FORMICA
- B. COLOR: BLOND CEDAR 8576

- 2. SOLID SURFACE COUNTERTOPS:
- A. SSMA, FORMICA, - BIANCO MINERAL 759
- 3. STAINLESS STEEL COUNTERTOP AT KITCHEN, CUSTOM-FORMED 16GA 316 ALLOY WITH SQUARE EDGE AND WELDED CORNERS.
- A. ISLAND TOP INTEGRATES STAINLESS STEEL VEGETABLE WASH SINK, FINISHED ON 4 SIDES
- B. TOPS FLAMING RANGE FINISHED ON 2 SIDES, WITH INTEGRAL 6" TALL STAINLESS STEEL BACKSPLASH

07 - THERMAL AND MOISTURE PROTECTION

SECTION 07 21 00 - INSULATION

- A. PARTITION AND FLOOR ASSEMBLIES: GLASS FIBER BLANKET INSULATION:
- A. UNFACED, TYPE I, ASTM C885, WITH MAXIMUM FLAME-SPREAD AND SMOKE-DEVELOPED INDEXES OF 25 AND 30, RESPECTIVELY, PER ASTM E84, PASSING ASTM E136 FOR COMBUSTION CHARACTERISTICS, THICKNESS AS INDICATED ON DRAWINGS
- B. RIGID INSULATION #1: ROXUL, 1.5" MINERAL WOOL, BOARD, MEDIUM DENSITY, FOR USE UNDER WOOD SIDING
- C. RIGID INSULATION #2: TYPE XXX EPS FOR USE IN ROOF ASSEMBLY AND ON WARM SIDE OF CONCRETE STRUCTURE
- D. RIGID INSULATION TYPE #3: TYPE XXX XPS FOR SUBGRADE USE, UNDER CONCRETE SLABS AND EXTERIOR SIDE OF FOUNDATION WALLS
- E. FIBERGLASS BATT WALL INSULATION
- F. MINERAL WOOL BOARD INSULATION
- G. ACCESSORY INSULATION FOR MISCELLANEOUS VOIDS: MINERAL FIBER AND SPRAY FOAM INSULATION AS REQUIRED

07500 WEATHER BARRIERS:

- AT EXTERIOR WALLS
- 1. WRB-1: SELF-ADHERING, VAPOR PERMEABLE, WATER RESISTIVE AIR BARRIER
- A. VAPOR-SHEED, WALL SHIELD SA GREEN
- FLEXIBLE FLASHING AND PRE-FORMED FLEXIBLE FLASHING INSIDE AND OUTSIDE CORNERS AND END DASH
- 1. BUTYL RUBBER FLASHING COMPOSITE, SELF-ADHESIVE, FLASHING PRODUCT CONSISTING OF A PLIABLE BUTYL RUBBER COMPOUND BONDED TO A HIGH-DENSITY POLYETHYLENE FILM, ALUMINUM FOIL, OR SPUNBONDED POLYOLEFIN
- 2. WEATHER BARRIER TAPE: USE WRB-1 WEATHER BARRIER TAPE AS FLEXIBLE FLASHING FOR ALL INSTANCES WHERE FLEXIBLE FLASHING IS INDICATED TO SEAL WRB-1 AND WRB-2 TO ITSELF OR TO ANY OTHER SUBSTRATE

07600 VAPOR BARRIERS:

- AT INSIDE FACE OF STUDS, UNDER FLOOR SLAB, OVER GRADE AT EXISTING CRAWLSPACE
- 1. VB-1: HIGH DENSITY POLYETHYLENE SHEET VAPOR BARRIER
- A. 10 MIL. MINIMUM, CLEAR
- B. SEAL ALL LAPPS AND PERIMETERS.
- AT UNDERSIDE OF ROOF INSULATION, SLOPED AND FLAT ROOFS
- 1. VB-2: LAMINATE WOVEN POLYETHYLENE, NONSLIP, UV-PROTECTED BACKING LAYER ON 100% BUTYL RUBBER, SELF-ADHERING BASE LAYER SUITABLE FOR APPLICATION IN FULLY ADHERED ROOFING SYSTEM.
- A. 30 MIL. MINIMUM, 280 PSI, .06 PERMS

07610 SINGLE PLY MEMBRANE ROOFING:

- 1. AT ROOF: 60 MILS HEAT WELDED PVC, FULLY ADHERED; LIGHT GREY
- A. COVERBOARD PL WOOD W/ FULL ADHESION TO UPLIFT, DESIGN BY ROOFING MANUFACTURER
- B. MECHANICALLY FASTENED POLYESTER/NE INSULATION + TAPERED EPS INSULATION (4" FOR ¼" = 1" SLOPE TO DRAIN
- C. VAPOR BARRIER: ICE AND WATER-SHIELD APPLIED TO FLAT STRUCTURAL DECK TO SERVE AS TEMPORARY WATER PROTECTION PRIOR TO INSTALLATION OF TAPER KIT AND ROOFING ASSEMBLY
- D. ROOF DRAINS: COMMERCIAL ROOF AND OVERFLOW DRAIN WITH DRAIN SCREENS, SIZE FOR ROOF AREA, INSULATE ALL ROOF DRAIN LINES
- 2. AT DECK/CLADDING: HEAT WELDED PVC TEXTURED TRAFFIC MEMBRANE, FULLY ADHERED, DOWNDROCK UL TRA SURCOSEAL GREY, CONTACT DOWNDROCK NORTHWEST 1-800-442-9275
- A. GEMENTULOUS COVERBOARD PL WOOD W/ FASTENERS TO UPLIFT, DESIGN BY ROOFING MANUFACTURER, TRIM FINISH TO SLOPE 1/4"1" AWAY FROM BUILDING TO RAILING.

076200 EXTERIOR WALL AND ROOF ASSEMBLIES:

- WOOD CLADDING AND SOFFITS:
- 1. SIDING BOARDS: VERTICALLY ORIENTED FLAME-CHAR TREATED C.V.G CEDAR
- A. ALTERNATING 5/4" X 8" AND 3/4" X 6, FLUSH T&G
- a. PENETRATING SEALER ON ALL FACES AND CUT ENDS
- b. NO SPLING OR SCARPING IN AN INSTALLED CORNER.
- B. FASTENERS: INSTALL VERTICAL PLANK SIDING WITH STAINLESS STEEL 40 RING SHANK NAILS, EVENLY SPACED OVER HORIZONTAL 3/4" X 3-1/2" PRESERVATIVE TREATED OR CEDAR Furring STRIPS, SPACES 16" O.C.

• METAL ROOFING:

- 1. STANDING SEAM CONCEALED FASTENER 24 GA. PVDF COATED METAL ROOF PANELS
  - A. BASIS OF DESIGN: ABCI BATTENLOCK HS 12" PAN FORMED METAL ROOF, CHARCOAL GREY
  - 2. PROVIDE CLAMP RAILING TYPE SNOW STOPS AT ALL EAVES
- 076200 SHEET METAL FLASHING, COPING, GUTTERS:**
- ACCESSORY SHEETMETAL TO MATCH: SLOPED ROOF FASCIA WRAP, ROOFING PERIMETER FLASHINGS, GUTTERS AND DOWNSPOUTS FLASHINGS AT PENETRATION
  - 1. COPINGS AND FLASHINGS: 24GA PVDF COATED STEEL SHEETMETAL, COLOR
  - A. AT RENOVATE BUILDING THE EAVE AND RAKE WRAPS AND GUTTERS TO BE WHITE. FLASHINGS AT PENETRATIONS TO BE SELECTED BY ARCHITECT.

DIVISION 08 - OPENINGS

085200 FIBERGLASS WINDOWS, DOORS, STOREFRONTS

- 1. WINDOWS: BASIS OF DESIGN MANUFACTURER: CASCADE
- 2. BASIS OF DESIGN PRODUCTS:
- A. FIXED AND AWNING WINDOWS: UNIVERSAL SERIES
- B. STOREFRONT: UNIVERSAL SERIES STORE FRONT
- C. ENTRY/EXIT DOORS: SWINGING AND SLIDING, UNIVERSAL SERIES PATIO DOORS WITH FRAMES INTEGRATED INTO STOREFRONT
- D. GLAZING, FINISHES AND HARDWARE
- a. GLAZING: LOW-E COATED, INSULATED GLAZING UNITS (DOUBLE GLAZED)
- b. EXT & INTERIOR FRAME FINISH: CHARCOAL GREY
- c. HARDWARE: CORROSION RESISTANT FINISH ON HINCE COMPONENTS AND STAINLESS STEEL MULTI-POINT LOCK BACK, STAINLESS STEEL LOCKING KEYPERS, AND STAINLESS STEEL ROTARY CRANK OPERATOR WITH FOLDING HANDLE.

087100 INTERIOR DOORS AND FRAMES:

- 1. DOORS: FACTORY CLEAR-FINISHED FIVE OR SEVEN PLY LUMBER CORE WOOD DOORS:
- A. THICKNESS: 1-3/4"
- B. FACING SELECTION: PLAIN SLICED, BOOK MATCH
- C. FACE SPECIES: TBD BY ARCHITECT
- D. STILE AND RAILS ARE ROUNDED TO CORE, THEN ENTIRE UNIT IS ABRASIVE PLANED BEFORE VENEERING.
- 2. FRAMES AND TRIM
- A. SOLID SAWN LUMBER, CLEAR FINISH TO MATCH DOOR FACES.
- 3. LITE OPENINGS:
- A. FRAMES: SOLID SAWN LUMBER
- B. GLAZING: FACTORY INSTALLED GLAZING IN DOORS INDICATED TO BE FACTORY FINISHED, COMPLY WITH REQUIREMENTS IN SECTION 089000 GLAZING
- 4. SPECIAL DOOR: BETWEEN TEACHING KITCHEN AND EDUCATION SPACE, WE WILL HAVE A 12" WIDE X 9' TALL MANUALLY 4 PANELS WITH ONE PANEL CONCEALED AS A SLIDING DOOR FOR DAILY USE WHEN THE OTHERS ARE CLOSED, THIS SYSTEM WILL BE COPED TO THE TEACHING KITCHEN ISLAND COUNTER TOP AND WILL BE WEATHER SEALED TO SEPARATE SOUND AND KITCHEN SHELLS AND SOUNDS FROM THE EDUCATION SPACE. FINISHES TO MATCH OTHER DOOR AND FINISHES IN FACILITY.
- 5. DOOR HARDWARE
- A. STAINLESS OR ASSA ABLOY COMMERCIAL HARDWARE
- a. SHANKLOCK BALL-BEARING HINGES, (NO LESS THAN THREE HINGES, ALL DOORS
- b. CYLINDRICAL LOCKSETS WITH ADA COMPLIANT LEVERS, ALL DOORS
- c. WALL OR FLOOR STOPS, HOLDERS AT ALL DOORS
- d. ADA CLOSERS WITH CONCEALED OVERHEAD STOPS ON EXTERIOR DOORS, PROVIDE PARALLEL ARMS FOR ALL OVERHEAD CLOSERS, UNL
- e. PROTECTION PLATES: ROCKWOOD
- SIZES: FABRICATE PROTECTION PLATES (ARMOR, KICK OR MOP) NOT MORE THAN 2" LESS THAN DOOR WIDTH ON STOP SIDE AND NOT MORE THAN 1" LESS THAN DOOR WIDTH ON PULL SIDE, X THE HEIGHT INDICATED.
- METAL PLATES: STAINLESS STEEL, 18 GAUGE (0.050) THICK, SATIN FINISH (SS320, 630), BEVELED FOUR EDGES (R4E)
- f. GASKETS AND SWEEPERS: PENKO
- g. PROVIDE CONTINUOUS WEATHERSTRIPPING AT EACH EDGE OF EVERY EXTERIOR DOOR LEAF
- h. SILENCERS AT INTERIOR DOORS, TIMELY
- i. BRUSHED CHROME HARDWARE FINISH.

SECTION 088000 - GLAZING

- 1. PRODUCTS:
- A. EXTERIOR: COORDINATE WITH EXTERIOR FENESTRATION SUPPLIER, TRANSPARENT INSULATING GLASS, TEMPERED WHERE REQUIRED
- B. INTERIOR TRANSPARENT GLAZING
- a. CLEAR SAFETY GLASS
- b. OVERALL THICKNESS: 3/8" NOMINAL

DIVISION 09 - FINISHES:

093900 GYPSUM BOARD:

- 1. 5/8" TYPE X ASTH C1396/C1399A AT WALLS, CEILINGS
- A. EXPANSION JOINTS
- B. PROVIDE ALL DRYWALL JUDS AND TAPES, TEXTURES TO MATCH EXISTING PAINT OUT AS REQUIRED TO BLEND WITH SURROUNDING
- C. MOST USE FATED GYPSUM BOARD ASTM D3273 AT BATHROOM
- D. CEMENT BOARD BEHIND CERAMIC/PORCELAIN TILE.

093000 TILE:

- 1. BATHROOM FLOORS: LARGE FORMAT SLIP RESISTANT CERAMIC TILE, NIH SET OVER UNDERLAMENT
- 2. PROVIDE 3" MARBLE THRESHOLDS AT OPENINGS, CENTERED UNDER DOORS
- 3. PROVIDE 4" CERAMIC TILE BASE
- 1. BASIS OF DESIGN: MSI SURFACES GRAPHITE PORCELAIN TILE, 12X24
- 4. BATHROOM WALLS: WET WALLS: CERAMIC TILE WASCOT TO 6" AFF. ALL OTHERS: SCRUBABLE WALL PAINT.

095100 ACOUSTIC CEILING TILE AND GRID:

- 1. ACT 1 - BASIS OF DESIGN: ARMSTRONG ULTIMA 24X24, 15/16" BEVELED TEGULAR GRID, SILHOUETTE 1/4" REVEAL, WHITE
- 2. SPECIAL SUBMITTAL: SEISMIC BRACING BY MANUFACTURER.

096005 FLOORING SPECIALTIES - RUBBER BASE, STAIR NOSING AND TRANSITIONS:

- BASIS OF DESIGN: THERMOSET RUBBER BY ROPE OR JOHNSONITE, 4" COVE BASE FLOORING SELECTION, RUBBER BASE INSTALL LOCATIONS AS SCHEDULED.

096500 LUXURY VINYL TILE (LVT) FLOORING:

- 1. LVT: UPSTAIRS EDUCATION SPACE, DOWNSTAR CIRCULATION SPACE, AND UPSTAIRS LOBBY
  - A. GUE-DOWN TYPE, 30 - YEAR BY ARMSTRONG
- 096516 - RESILIENT SHEET FLOORING**
- 1. RESILIENT FLOORING, KITCHEN AND UTILITY SPACES
  - A. MANUFACTURER: TARKETT
  - B. STYLE: OPTIMA
  - C. COLOR: SILVER BELLS 0872

096800 COMMERCIAL CARPET:

- 1. WALK OFF CARPET TILE - 6'X8" IN FRONT OF EACH UPSTAIRS LOBBY AND DOWNSTAIRS LOUNGE DOORS
- A. BASIS OF DESIGN: STEPS IN STYLE II BY MOHAWK GROUP
- 2. BROADLOM CARPET IN OFFICES (SMALL MEETING ROOM)
- A. BASIS OF DESIGN: GOOD WILL - BG528 BY MOHAWK GROUP

098123 INTERIOR PAINTING:

- 1. INTERIOR DESIGN-BUILD COORDINATION WITH OWNER
- A. INTERIOR GYPSUM WALLBOARD SURFACES PREP AND PAINT WITH ONE COAT PA PRIMER AND COAT'S REQUIRED TO COVER OF EGGSHELL LATEX PAINT
- B. PAINT OR CLEAR FINISH ALL INTERIOR WOOD DOORS, RAMM AND AND TRIM THAT IS A PART OF THE WORK.

SECTION 09 71 13 - ACOUSTICAL FABRIC WRAPPED PANELS

- 1. PRODUCTS:
- A. SUSPENDED FABRIC WRAPPED PANELS, DOWNSTAIRS HALLWAY, LOUNGE AND KITCHEN, UPSTAIRS BETWEEN BEAMS IN CLASSROOM.
- A. MANUFACTURER: FARRIRTRACX
- b. STYLE: GEO TRAK SYSTEM
- c. SYSTEM: TERRACORE POLY
- d. THICKNESS: 1"
- e. FABRIC: TO BE SELECTED BY ARCHITECT

DIVISION 10 - SPECIALTIES

SECTION 10 28 00 - TOILET, BATH, AND LAUNDRY ACCESSORIES

- 1. PRODUCTS: BASIS OF DESIGN
- GARMENT HOOK (GH) BOBRICK B-842, STAINLESS STEEL, SATIN FINISH
- TOILET PAPER DISPENSER (TPD), BOBRICK B-540, STAINLESS STEEL, SATIN FINISH
- GRAB BAR (GB), BOBRICK B-5906, STAINLESS STEEL, SATIN FINISH, DIMENSIONS PER DRAWINGS
- DAPER-CLEANING STATION (BCS), BOBRICK KB310-SSRE, STAINLESS STEEL
- PAPER TOWEL DISPENSER (PTD), OFOI
- PAPER TOWEL DISPENSER WASTE RECEPTACLE (PTDR), BOBRICK B-36903, STAINLESS STEEL, SATIN FINISH
- LIQUIDS-OP DISPENSER (SD), OFOI
- HAND SANITIZER DISPENSER (HSD), OFOI
- MIRROR UNIT (MUR), BOBRICK B-166 2430, STAINLESS STEEL, SATIN FINISH

SECTION 10 42 2 - ROOM - IDENTIFICATION PANEL SIGNAGE

- SECTION 10 40 00 - FIRE PROTECTION SPECIALTIES
- A. FIRE PROTECTION EXTINGUISHERS & CABINETS
- A. BASIS OF DESIGN: UL INDUSTRIES 20357100
- SURFACE MOUNTED
- UP TO 20 LBS FIRE EXTINGUISHERS
- #41 STAINLESS STEEL
- FULL GLASS DOOR - CLEAR ACRYLIC GLAZING W/ FIRE EXTINGUISHER DECAL
- DIE CAST FIRE HANDLE

DIVISION 11 - EQUIPMENT

SECTION 11 31 00 - RESIDENTIAL APPLIANCES

- A. DISHWASHER
- A. BASIS OF DESIGN:
- ADA COMPLIANT
- FINGERPRINT - RESISTANT STAINLESS STEEL
- B. MICROWAVE
- a. BASIS OF DESIGN:
- 35 3/4" X 10" H X 25 3/8" D
- 90 CU FT., 1800W
- STAINLESS STEEL, FACE
- C. REFRIGERATOR WITH FREEZE AND ICE MAKER
- a. BASIS OF DESIGN: GE CXXX
- CLEANSTEEL/STAINLESS STEEL
- 33 7/8" H X 19 3/4" W X 21 1/4" D

SECTION 11 40 - COMMERCIAL KITCHEN EQUIPMENT AND APPLIANCES

- EQUIPMENT: WILL BE COORDINATED WITH MECHANICAL.
- A. 48" WIDE 6-BURNER COMMERCIAL ELECTRIC RANGE, WITH INTEGRATED OVEN
- B. TYPE 1 RANGE HOOD AND SUPPORTING EQUIPMENT
- C. HIGH TEMPERATURE UNDERCOUNTER DISHWASHER
- D. UPRIGHT SIDE BY SIDE COMMERCIAL REFRIGERATOR AND FREEZER, TOP MOUNTED COMPRESSORS
- E. 6 STAINLESS STEEL WORK COUNTER ON STAINLESS STEEL LEGS, UNDERSHELVE
- F. 6 HANGING PAN RACK OVER WORK COUNTER
- G. 3WELL COMMERCIAL SINK ON STAINLESS STEEL, LEGS W/ WASHER HOSE AND DRAINING SIDE APRONS, FLOOR MOUNTED GREASE INTERCEPTOR

DIVISION 12 - FINISHINGS

SECTION 12 24 13 - ROLLER WINDOW SHADES

- 1. SUBMITTALS: PRODUCT DATA
- 2. PRODUCTS:
- A. ROLLER WINDOW SHADE, RS-1:
- a. MANUFACTURER: DRAPER
- b. STYLE: SHEERWEAVE
- c. COLOR: WHITE PLATINUM
- d. VALANCE: CLEAR ANODIZED ALUMINUM FASCIA
- B. ROLLER WINDOW SHADE, RS-2:
- a. MANUFACTURER: MECO SHADE
- b. STYLE: CHELSEA BLACKOUT
- c. COLOR: TO BE SELECTED BY ARCHITECT FROM MANUFACTURES FULL RANGE OF COLORS
- d. VALANCE: CLEAR ANODIZED ALUMINUM FASCIA

DIVISION 21 25 - MECHANICAL/HVAC/PLUMBING  
REFER TO MECHANICAL AND PLUMBING DRAWINGS AND SHEET SPECIFICATIONS.

DIVISION 26 28 - ELECTRICAL

REFER TO ELECTRICAL DRAWINGS AND SHEET SPECIFICATIONS.

DIVISION 31 - EARTHWORK

- 1. COORDINATE WITH CIVIL AND LANDSCAPE DRAWINGS, AS REQUIRED TO COMPLETE THE WORK, REPAIR SOILS AND PLANTING IN AREAS OF SITE DISTURBANCE, ALL FINISH GRADE SURFACES TO DRAIN AWAY FROM BUILDING
- 2. COORDINATE WITH ARCHITECTURAL SITE PLANS AND LANDSCAPE DRAWINGS AND SPECIFICATIONS.

DIVISION 32 - HARDSCAPE - COORDINATE WITH CIVIL DRAWINGS

- 321216 ASPHALT PAVING
- 3. ASPHALT PAVING OVER COMPACTED D1 BASE AND COMPACTED NSF SUB-BASE, PROVIDE PAINTED PARKING AND ACCESSIBILITY STRIPING
- 321313 CONCRETE PAVING
- 4. REINFORCED CONCRETE SIDEWALKS OVER COMPACTED D1 BASE, PROVIDE CONTROL JOINTS AT NO MORE THAN 6' CENTERS, WASHED AGGREGATE SURFACE FINISH.

321400 UNIT PAVERS

- LINEAR PRECAST CONCRETE UNIT PAVERS, 4'X4'X.24" TYP, BASKET WEAVE PATTERN OVER COMPACTED D1 BASE, 8000 PSI MINIMUM CONCRETE, SAND/BLASTED FINISH, WWW.MODERNPAVERS.NET

- PROVIDE METAL POST MOUNTED ACCESSIBLE VAN PARKING SIGNAGE PER LOCAL REQUIREMENTS.
- PROVIDE BUILDING ADDRESS NUMBERS 6" TALL CAST ALUMINUM "1021".

- PROVIDE OWNER ORGANIZATION SIGNAGE PRINTED ON 2" TALL X 6" WIDE 1/8" THICK ALUMINUM SHEET ON TWO 3X3" ALUMINUM TUBES SET INTO LANDSCAPE WHERE INDICATED. COORDINATE SIGNAGE LED SITE LIGHTING AS NOTED ON ELECTRICAL DRAWINGS. BACK OF SIGN AND SUPPORT TUBES TO BE PAINTED DARK BROWN, COORDINATE SIGNAGE DESIGN WITH ARCHITECT AND OWNER.

AYAYD Cultural Center

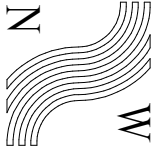
DOUGLAS INDIAN ASSOCIATION AND TRIBAL GOVERNMENT

ST. ANNS AVENUE  
DOUGLAS, ALASKA

IF THE ABOVE DIMENSION DOES NOT MEASURE ONE INCH EXACTLY, THIS DRAWING SHALL BE CONSIDERED REVISED, AFFECTING ALL LABEL SCALES.

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06/05/2023

35% SET  
NOT FOR CONSTRUCTION

SHEET TITLE:  
SPECIFICATIONS

CHECKED	Author	Approver
DRAWN		

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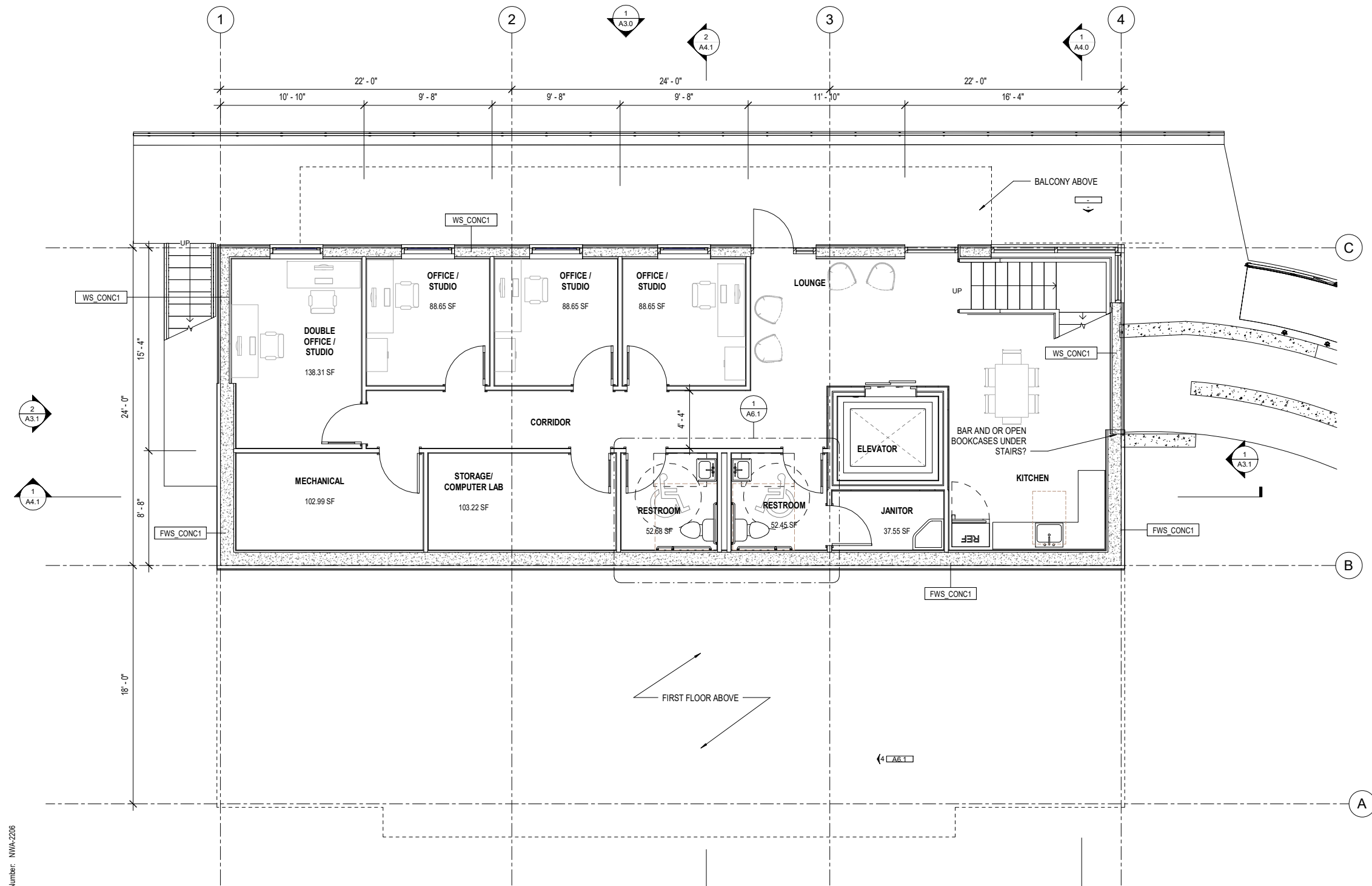
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ISSUE DATE

06/05/2023





@ NorthWind Architects, LLC, Project Number: NW-2208

1 LEVEL 0 - SUBGRADE  
1/4" = 1'-0"

#### GENERAL NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ACTUAL BUILDING CONDITIONS AND DIMENSIONS. WHERE DISCREPANCIES OR CONFLICTS ARE FOUND, NOTIFY ARCHITECT PRIOR TO COMMENCING WORK.
2. DO NOT SCALE OFF OF DRAWINGS.
3. DIMENSIONS ARE TO GRIDLINE, FACE OR CENTER OF FRAMING UNO.
4. STRUCTURAL ELEMENTS SHOWN IN ARCHITECTURAL DRAWINGS FOR REFERENCE ONLY. SEE STRUCTURAL DRAWINGS FOR ALL STRUCTURAL INFORMATION.
5. ALL PARTITIONS ARE TYPE P1-4, UNO.
6. WHERE DOOR OPENINGS ARE NOT DIMENSIONED, LOCATE DOOR OPENINGS TO ENSURE 3" MIN JAMB FRAMING.
7. DIMENSIONS LOCATING OPENINGS ARE TO CENTERLINE OF OPENING, UNO.
8. SEE ENLARGED PLANS FOR INFORMATION NOT SHOWN HERE.
9. THE MAJORITY OF ALL FFE ITEMS ARE OFOI AND ARE NOT IN CONTRACT, HOWEVER LIMITED ITEMS ARE SHOWN IN DRAWINGS FOR COORDINATION PURPOSES. SEE FFE SHEETS FOR GENERAL FFE INFORMATION AND FFE SHEETS AND PROJECT MANUAL FOR CFCl FFE INFORMATION.

#### SHEET NOTES:

1. #SPEC DESCRIPTION

#### LEGEND:

- STRUCTURAL FRAMING -  
SEE STRUCT



06/05/2023



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## AYAYD Cultural Center

DOUGLAS INDIAN ASSOCIATION AND TRIBAL GOVERNMENT

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DOUGLAS, ALASKA

SHEET TITLE:

FLOOR PLAN -  
LEVEL 0

CHECKED Approver

DRAWN Author

issue date description

SHEET #

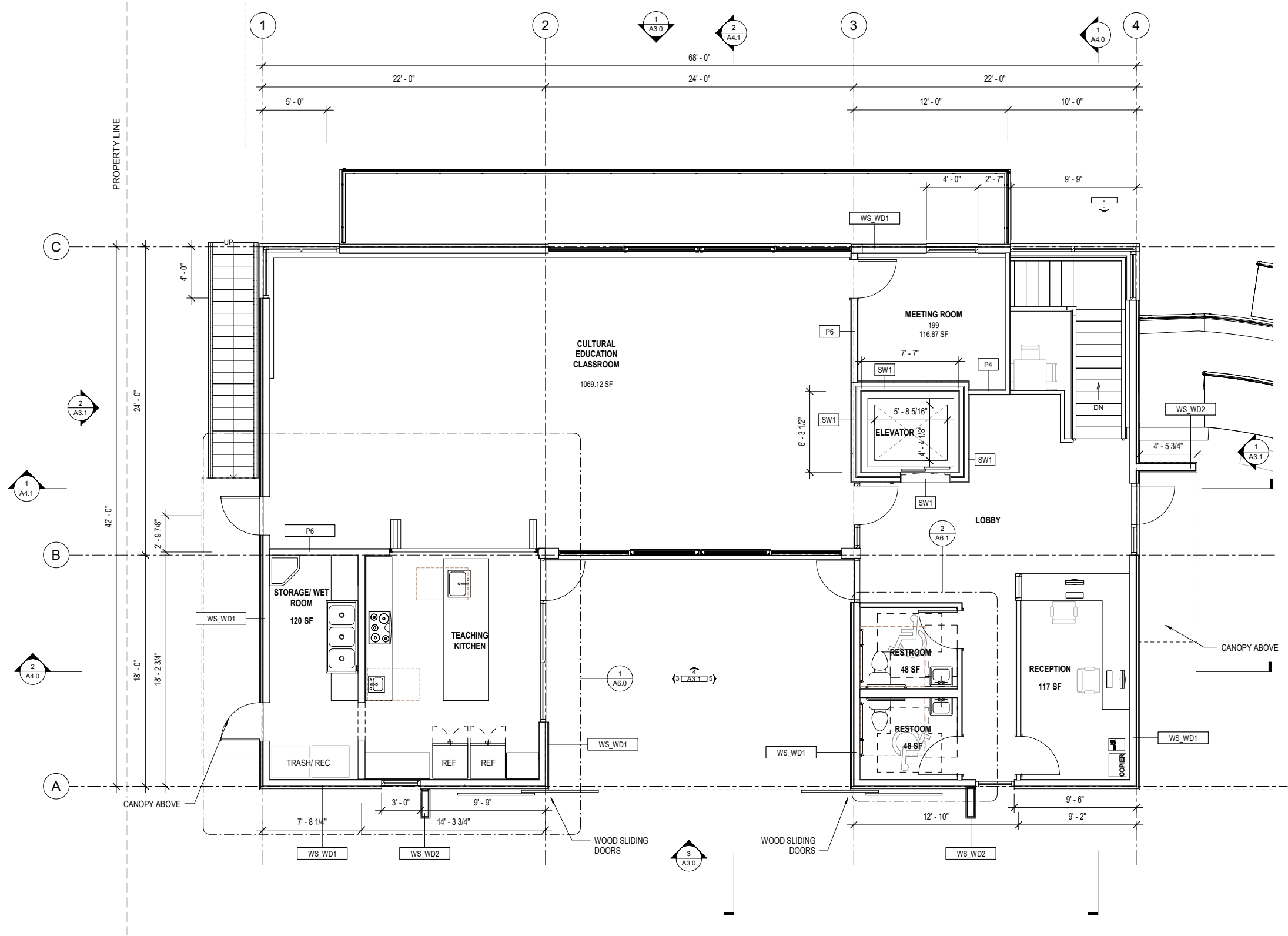
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@ NorthWind Architects, LLC, Project Number: NW/A-2208

1 LEVEL 01  
1/4" = 1'-0"



GENERAL NOTES:

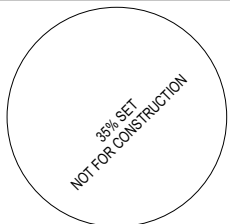
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2. DO NOT SCALE OFF OF DRAWINGS.
3. DIMENSIONS ARE TO GRIDLINE, FACE OR CENTER OF FRAMING UNO.
4. STRUCTURAL ELEMENTS SHOWN IN ARCHITECTURAL DRAWINGS FOR REFERENCE ONLY. SEE STRUCTURAL DRAWINGS FOR ALL STRUCTURAL INFORMATION.
5. ALL PARTITIONS ARE TYPE P1-4, UNO.
6. WHERE DOOR OPENINGS ARE NOT DIMENSIONED, LOCATE DOOR OPENINGS TO ENSURE 3" MIN JAMB FRAMING.
7. DIMENSIONS LOCATING OPENINGS ARE TO CENTERLINE OF OPENING, UNO.
8. SEE ENLARGED PLANS FOR INFORMATION NOT SHOWN HERE.
9. THE MAJORITY OF ALL FFE ITEMS ARE OFOI AND ARE NOT IN CONTRACT, HOWEVER LIMITED ITEMS ARE SHOWN IN DRAWINGS FOR COORDINATION PURPOSES. SEE FFE SHEETS FOR GENERAL FFE INFORMATION AND FFE SHEETS AND PROJECT MANUAL FOR CFCl FFE INFORMATION.

SHEET NOTES:

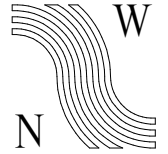
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LEGEND:

- STRUCTURAL FRAMING -  
SEE STRUCT



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AYAYD Cultural Center

DOUGLAS INDIAN ASSOCIATION AND TRIBAL GOVERNMENT

ST. ANNS AVENUE  
DOUGLAS, ALASKA

SHEET TITLE:

FLOOR PLAN -  
LEVEL 1

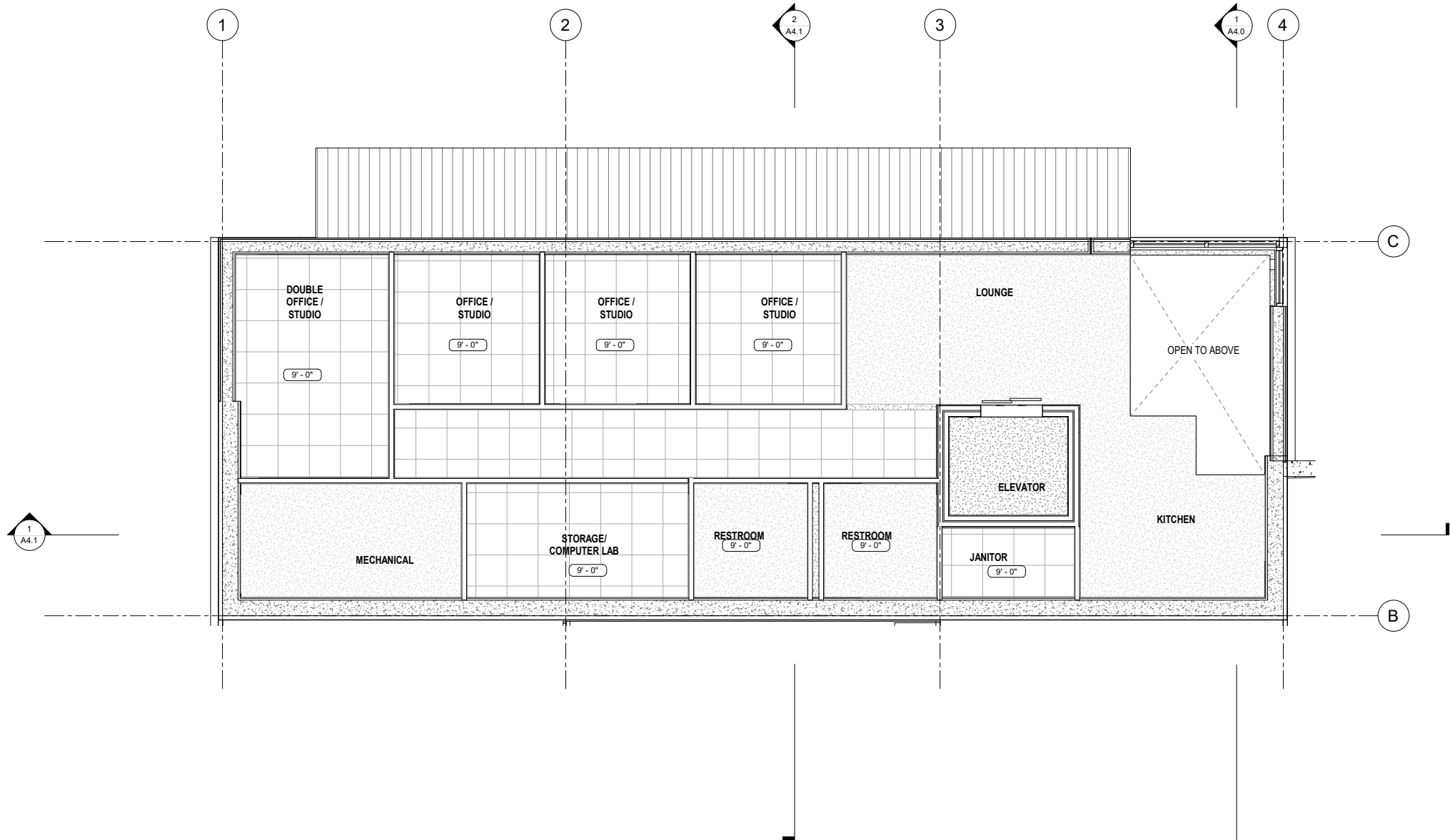
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DRAWN	Author	
issue	date	description

SHEET #

A2.1

ISSUE DATE 06/05/2023





@ NorthWind Architects, LLC, Project Number: NW4-2206

1 REFLECTED CEILING PLAN - LEVEL 0  
1/4" = 1'-0"

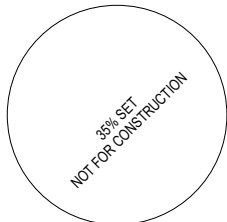
GENERAL NOTES:

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2. DO NOT SCALE OFF OF DRAWINGS
3. ALL CEILING HEIGHTS ARE 9' - 0" AFF. UNO.
4. COORDINATE LOCATION OF ALL MEP ITEMS WITH MEP.
5. CENTER MEP ITEMS INCLUDING SPRINKLER HEADS IN CEILING TILES.
6. LINEWORK DEPICTING CEILING TILES IS TO SHOW EXTENT ONLY. POSITION GRID SUCH THAT NO EDGE TILES IS LESS THAN 6" IN WIDTH. CENTER GRID IN SPACES WHEREVER POSSIBLE.
7. LINEWORK DEPICTING CEILING PENETRATIONS ARE SHOWN FOR REFERENCE ONLY. SEE MEP.

SHEET NOTES:

- |          |             |
|----------|-------------|
| 1. #SPEC | DESCRIPTION |
|----------|-------------|

LEGEND:



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SHEET TITLE:

REFLECTED  
CEILING PLAN -  
LEVEL 0

CHECKED	Approver
DRAWN	Author

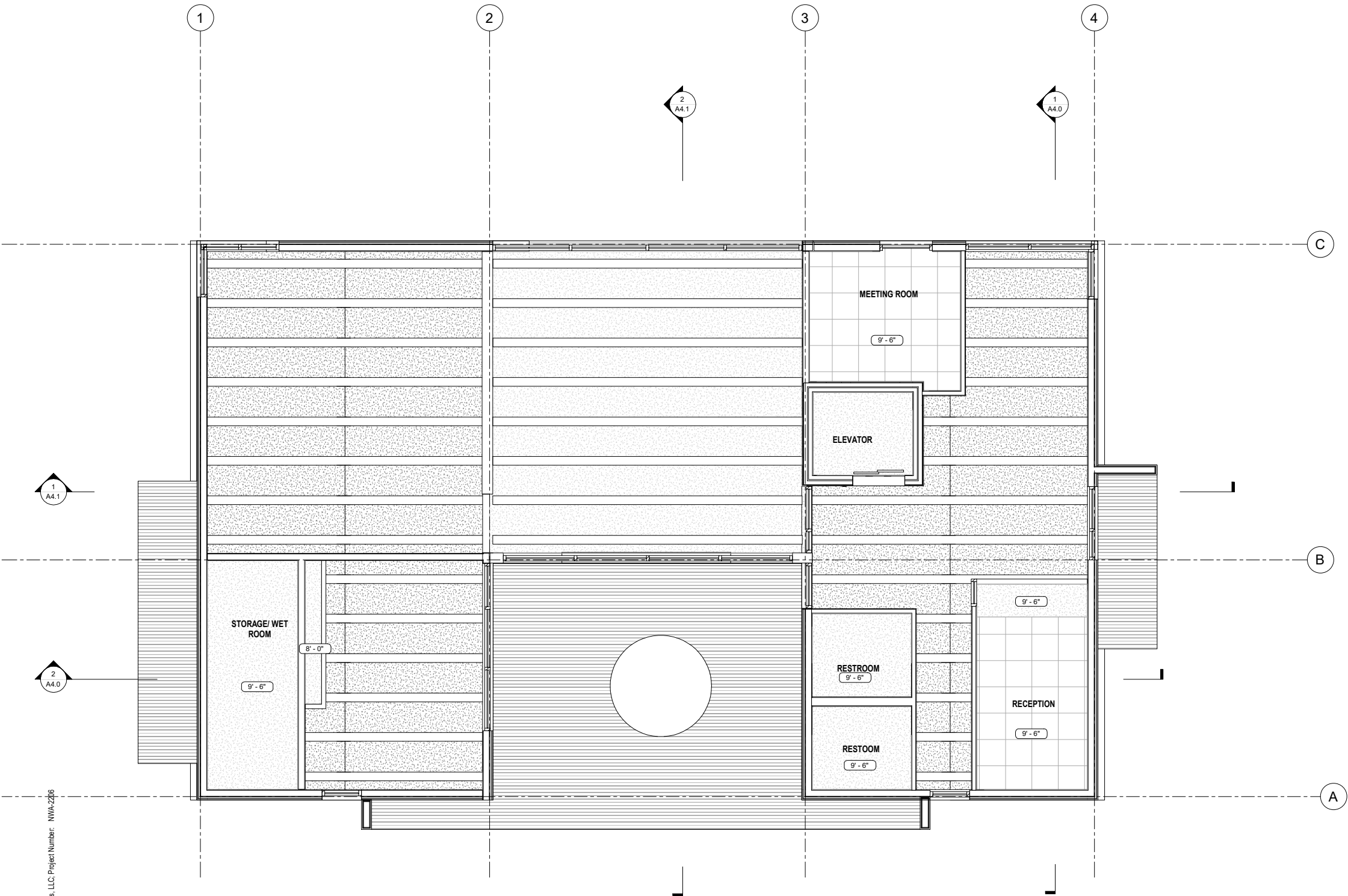
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SHEET #

A2.5

ISSUE DATE

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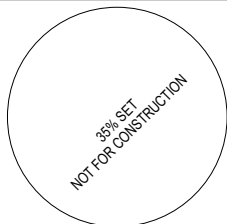
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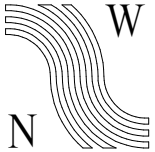
**SHEET NOTES:**

- | #SPEC | DESCRIPTION |
|-------|-------------|
|-------|-------------|

**LEGEND:**



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SHEET TITLE:

**REFLECTED  
CEILING PLAN -  
LEVEL 1**

CHECKED	Approver
DRAWN	Author

issue	date	description
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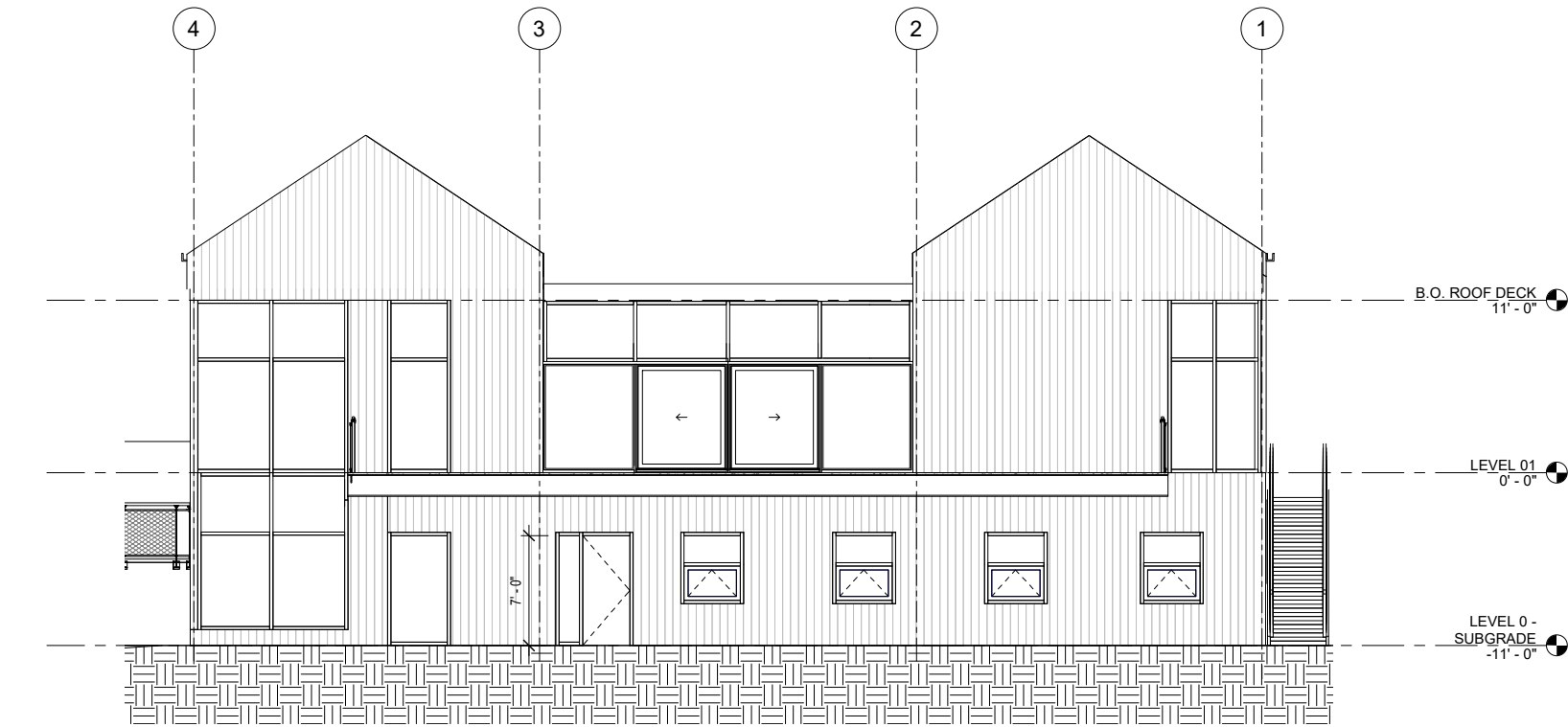
SHEET #

**A2.6**

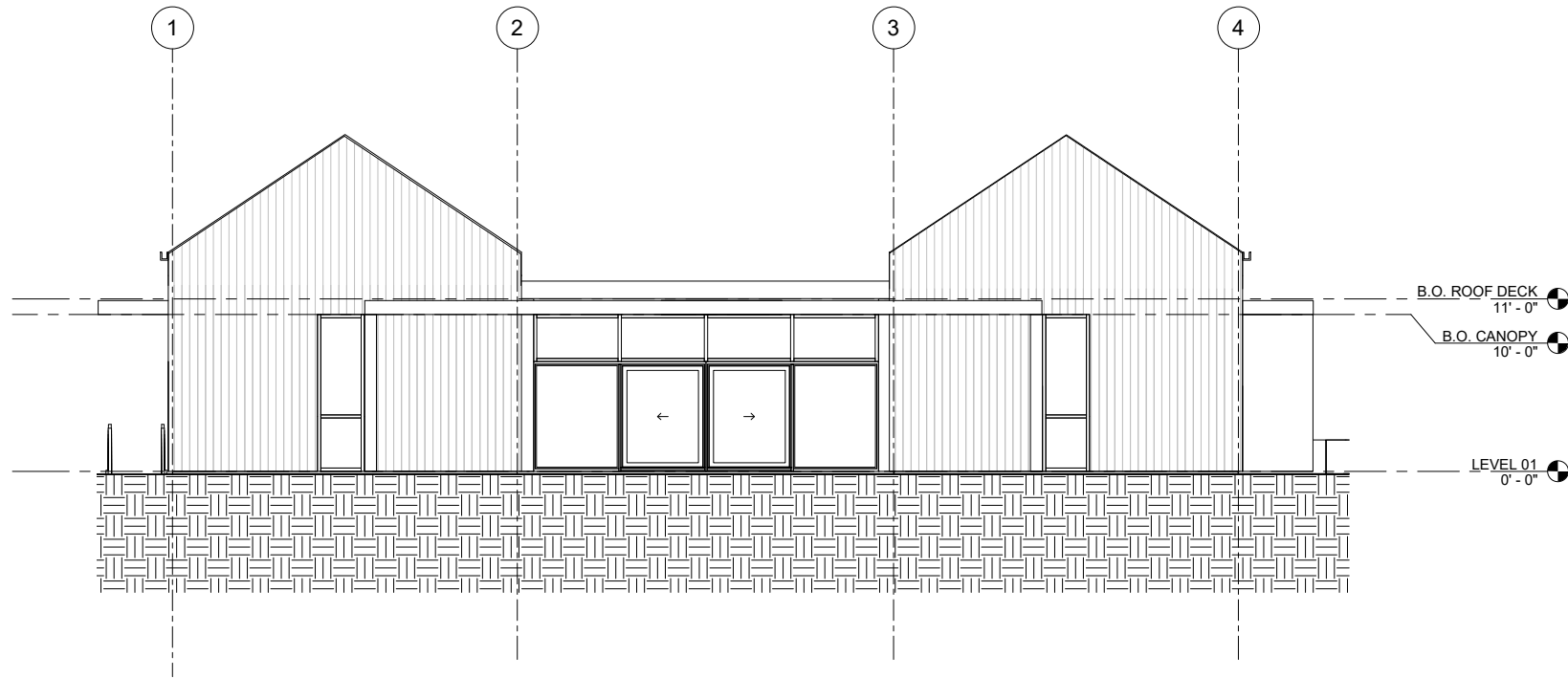
ISSUE DATE

06/05/2023





1 ELEVATION NORTH  
3/16" = 1'-0"



3 ELEVATION SOUTH  
3/16" = 1'-0"

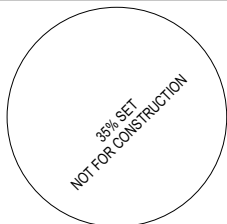
@ NorthWind Architects, LLC, Project Number: NW4-2208

GENERAL NOTES:

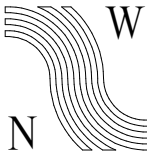
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SHEET NOTES:

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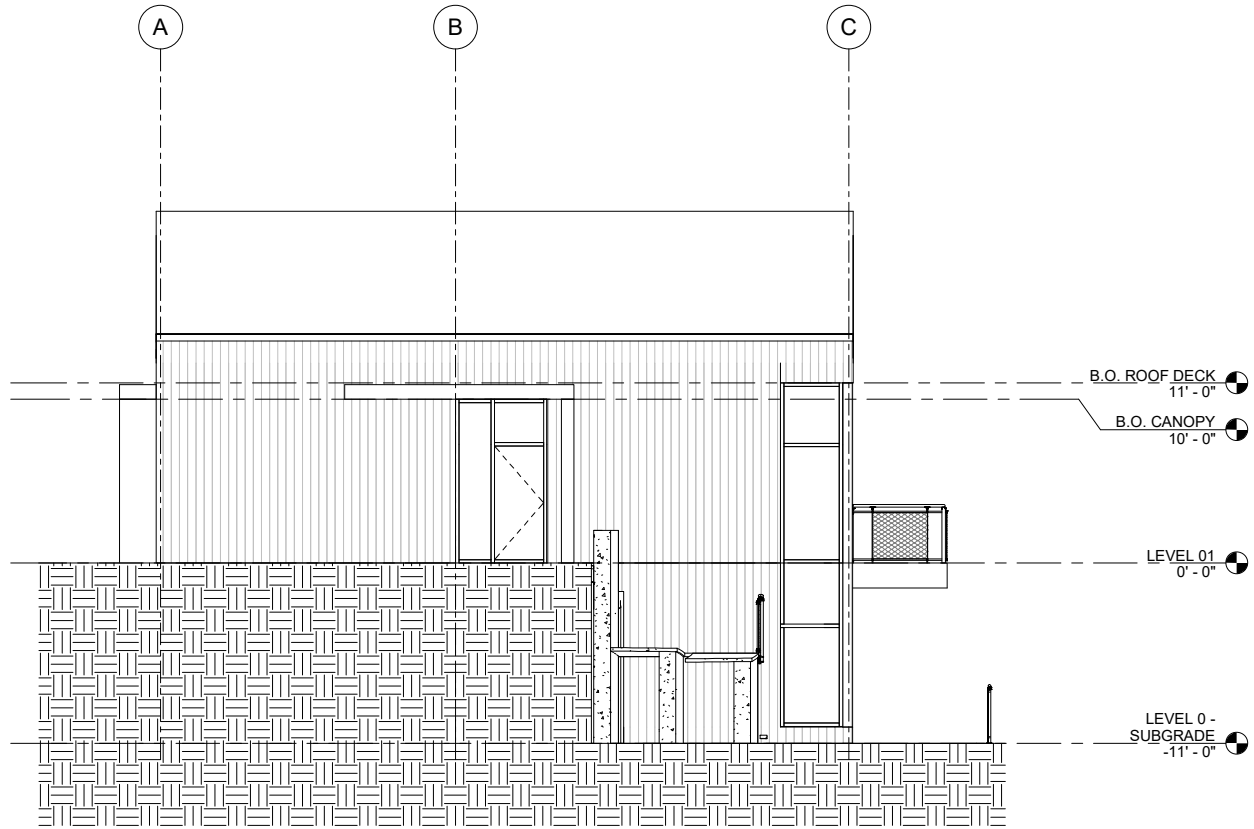
ST. ANNS AVENUE  
DOUGLAS, ALASKA

SHEET TITLE:  
EXTERIOR  
ELEVATIONS

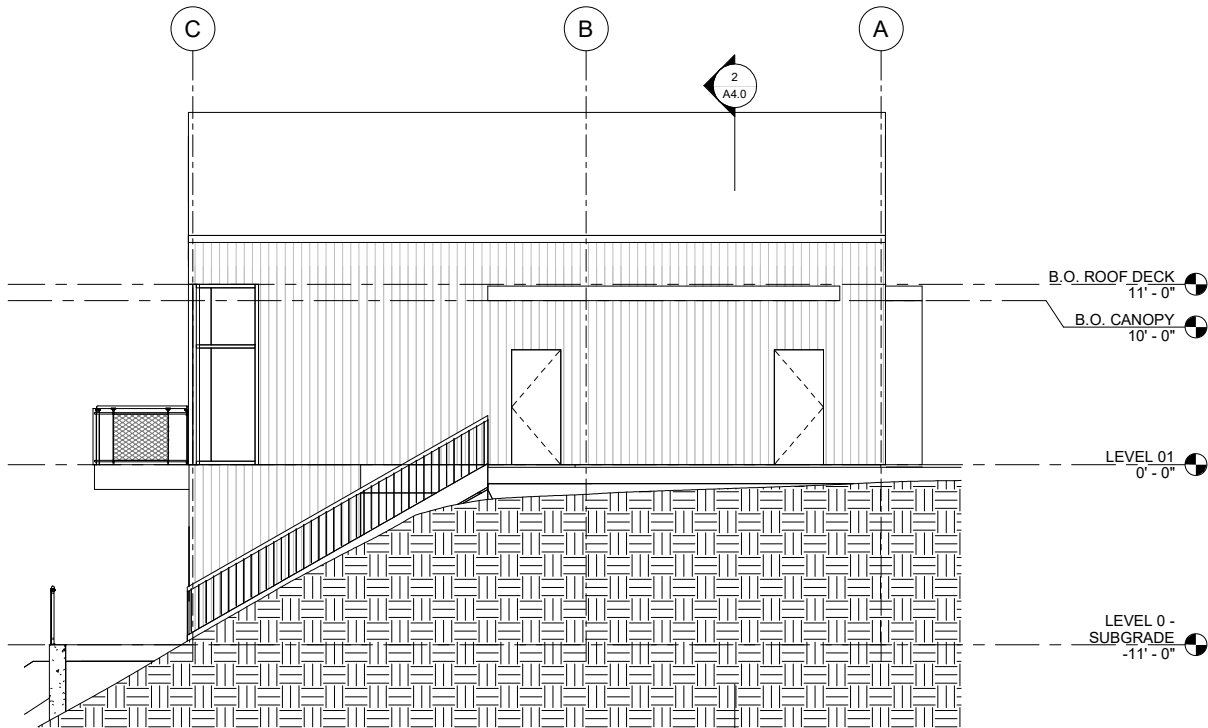
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DRAWN	Author	
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issue	date	description

SHEET # **A3.0**

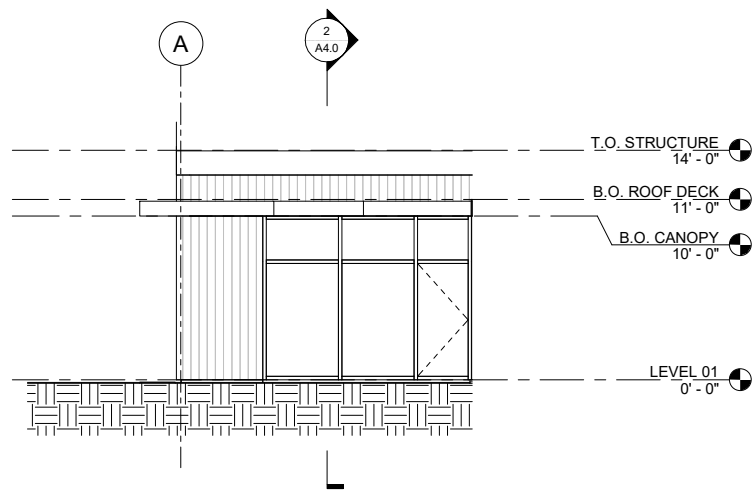
ISSUE DATE 06/05/2023



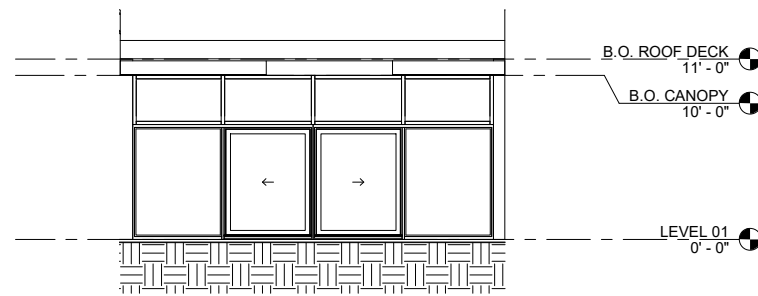
1 ELEVATION EAST  
3/16" = 1'-0"



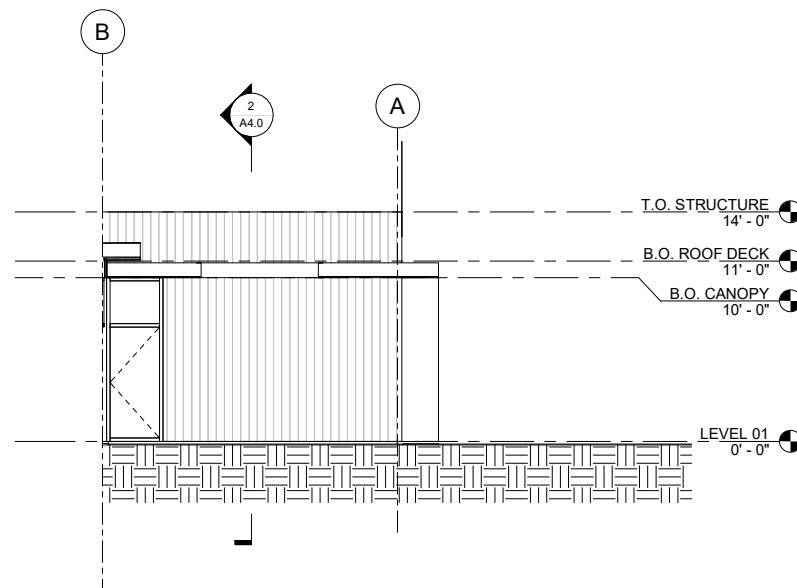
2 ELEVATION WEST  
3/16" = 1'-0"



3 ELEVATION - EAST COURTYARD  
3/16" = 1'-0"



4 ELEVATION - SOUTH COURTYARD  
3/16" = 1'-0"



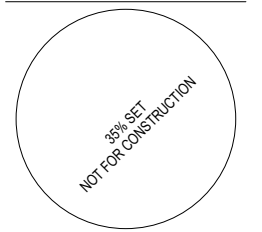
5 ELEVATION - WEST COURTYARD  
3/16" = 1'-0"

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**SHEET NOTES:**

1. #SPEC DESCRIPTION



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DOUGLAS INDIAN ASSOCIATION AND TRIBAL GOVERNMENT

ST. ANNS AVENUE  
DOUGLAS, ALASKA

SHEET TITLE:

**EXTERIOR ELEVATIONS**

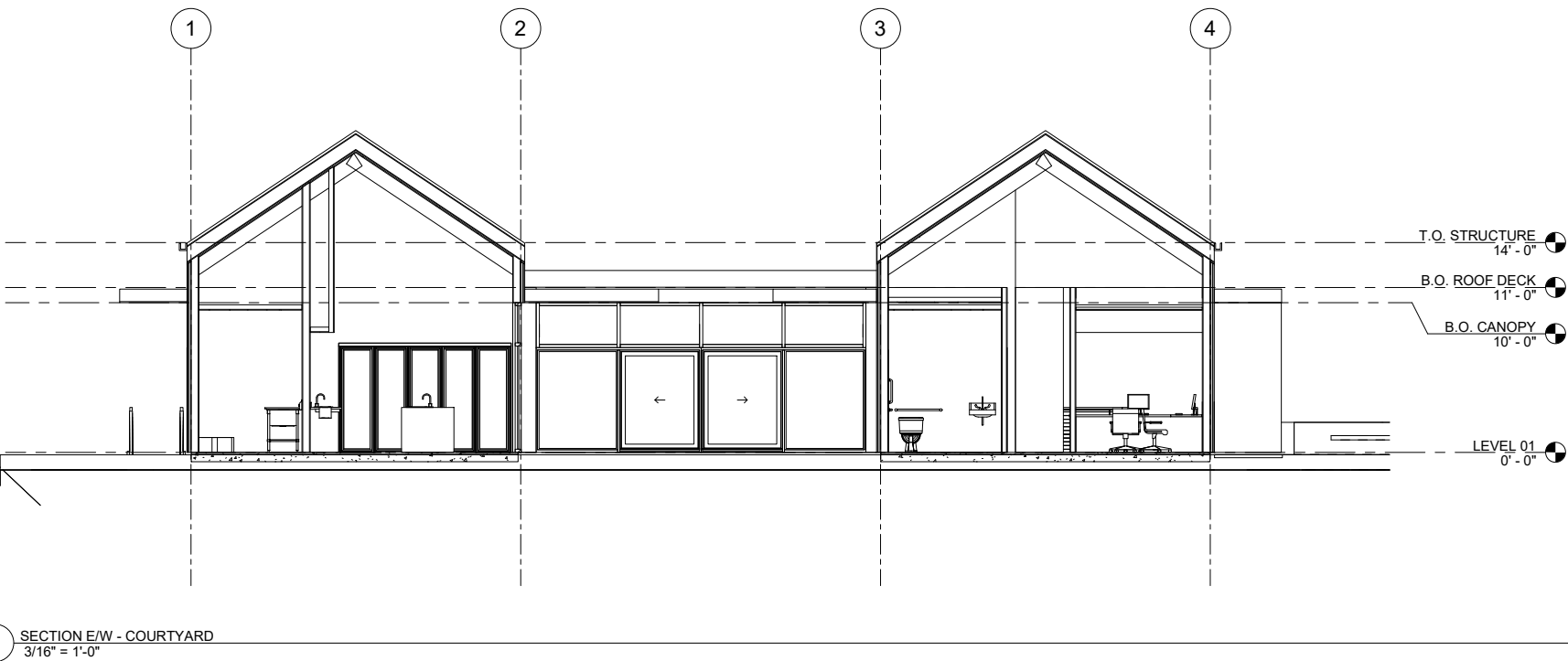
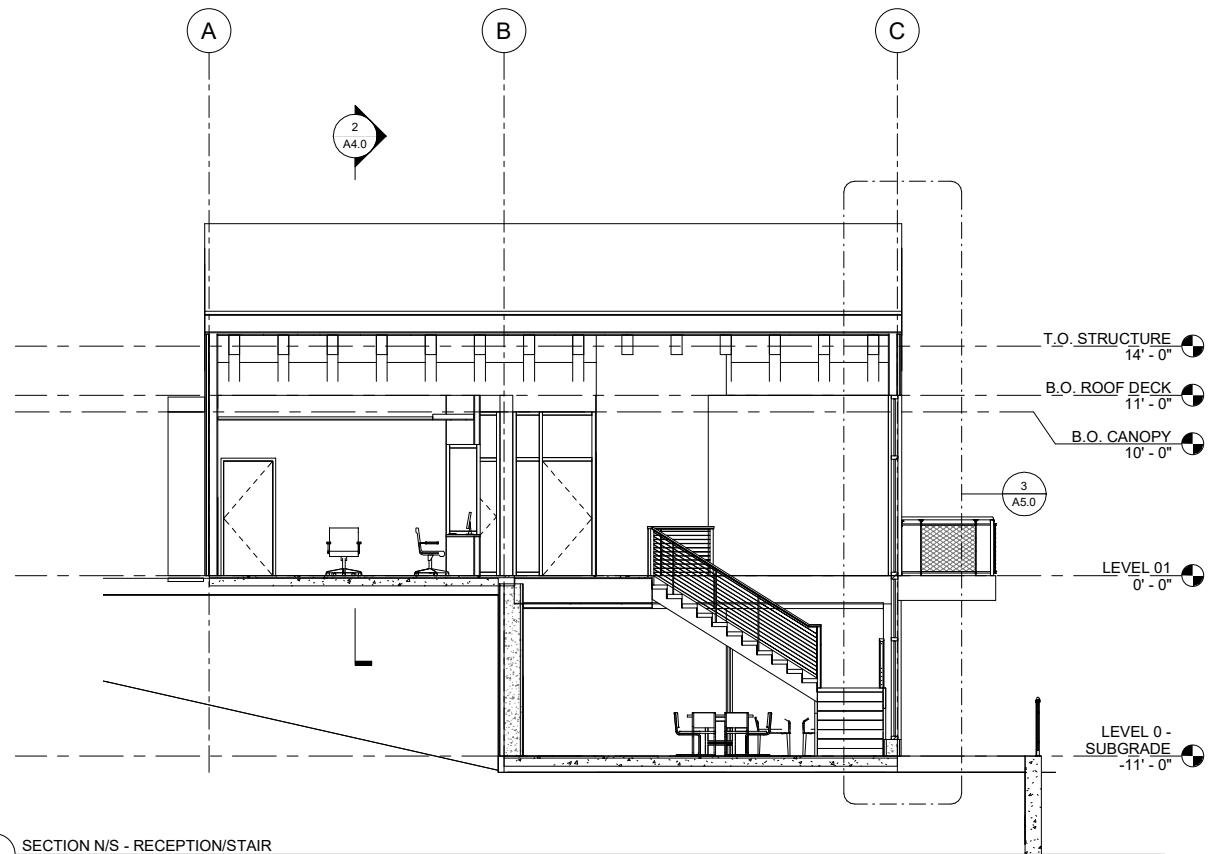
CHECKED	Approver
DRAWN	Author

issue	date	description
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SHEET #

**A3.1**

ISSUE DATE 06/05/2023

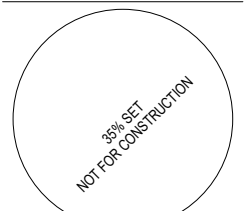


#### GENERAL NOTES:

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#### SHEET NOTES:

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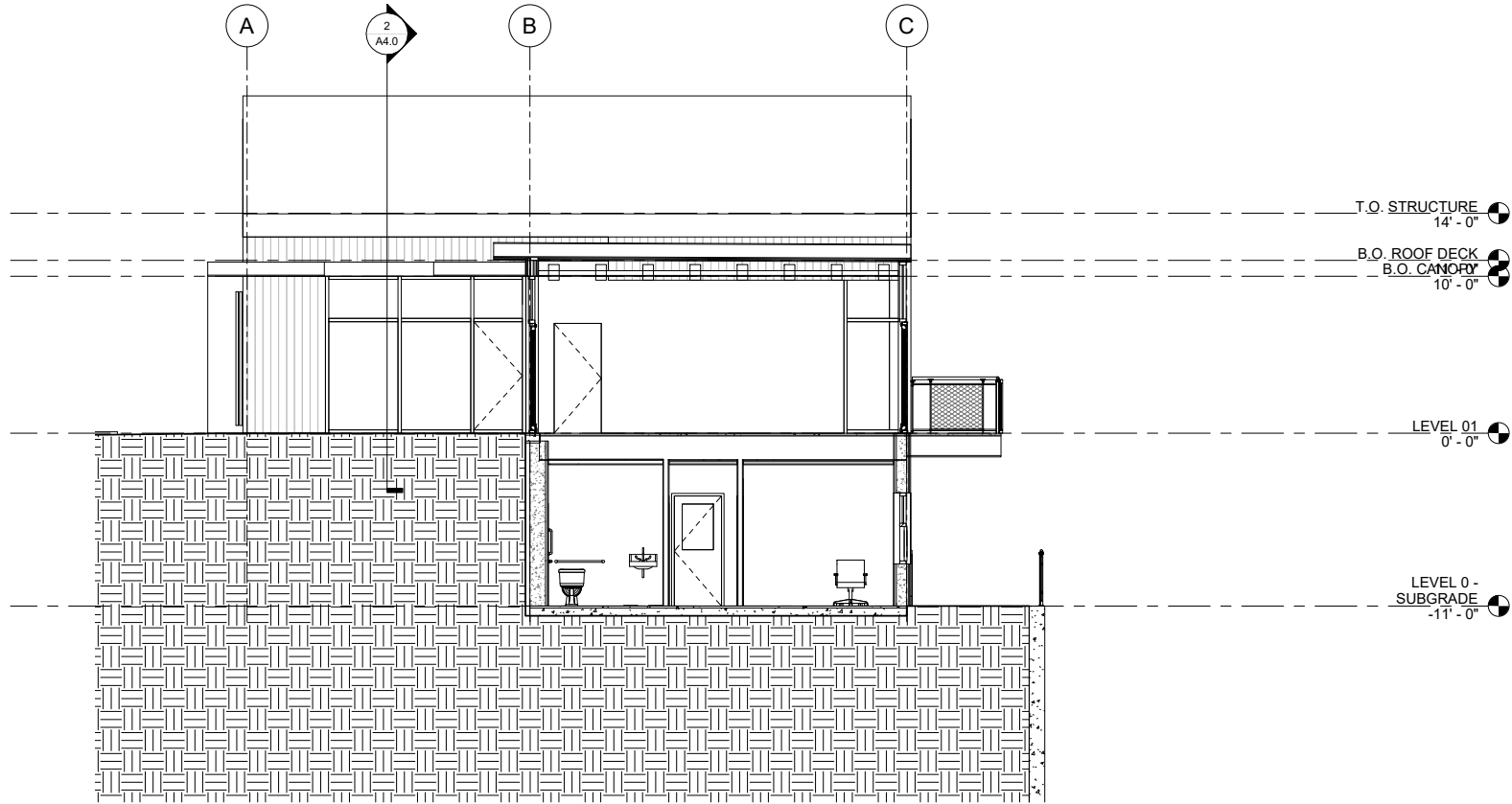
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DOUGLAS, ALASKA

SHEET TITLE:  
**BUILDING  
SECTIONS**

CHECKED	Approver
DRAWN	Author
issue	date description

SHEET # **A4.0**

ISSUE DATE 06/05/2023



2 SECTION N/S - COURTYARD  
3/16" = 1'-0"



1 SECTION E/W - CLASSROOM/LOWER LEVEL  
3/16" = 1'-0"

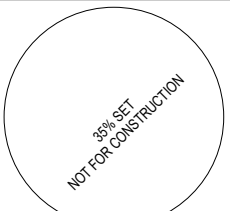
@ NorthWind Architects, LLC, Project Number: NW4-2208

**GENERAL NOTES:**

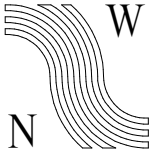
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**SHEET NOTES:**

1. #SPEC DESCRIPTION



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DOUGLAS, ALASKA

SHEET TITLE:  
**BUILDING  
SECTIONS**

CHECKED	Approver
DRAWN	Author
issue	date description

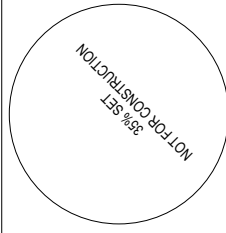
SHEET # **A4.1**

ISSUE DATE 06/05/2023

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  - TAPERED INSULATION SLOPES NOT SHOWN FOR CLARITY.

**SHEET NOTES:**

- #SPEC DESCRIPTION



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IF THE ABOVE DIMENSION DOES NOT MATCH THE FIELD CONDITIONS, THE DRAWING SHALL BE ENLARGED OR REDUCED, AFFECTING ALL LABEL SCALES.

← 1" ACTUAL →

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DOUGLAS, ALASKA

SHEET TITLE:  
**ENLARGED SECTIONS**

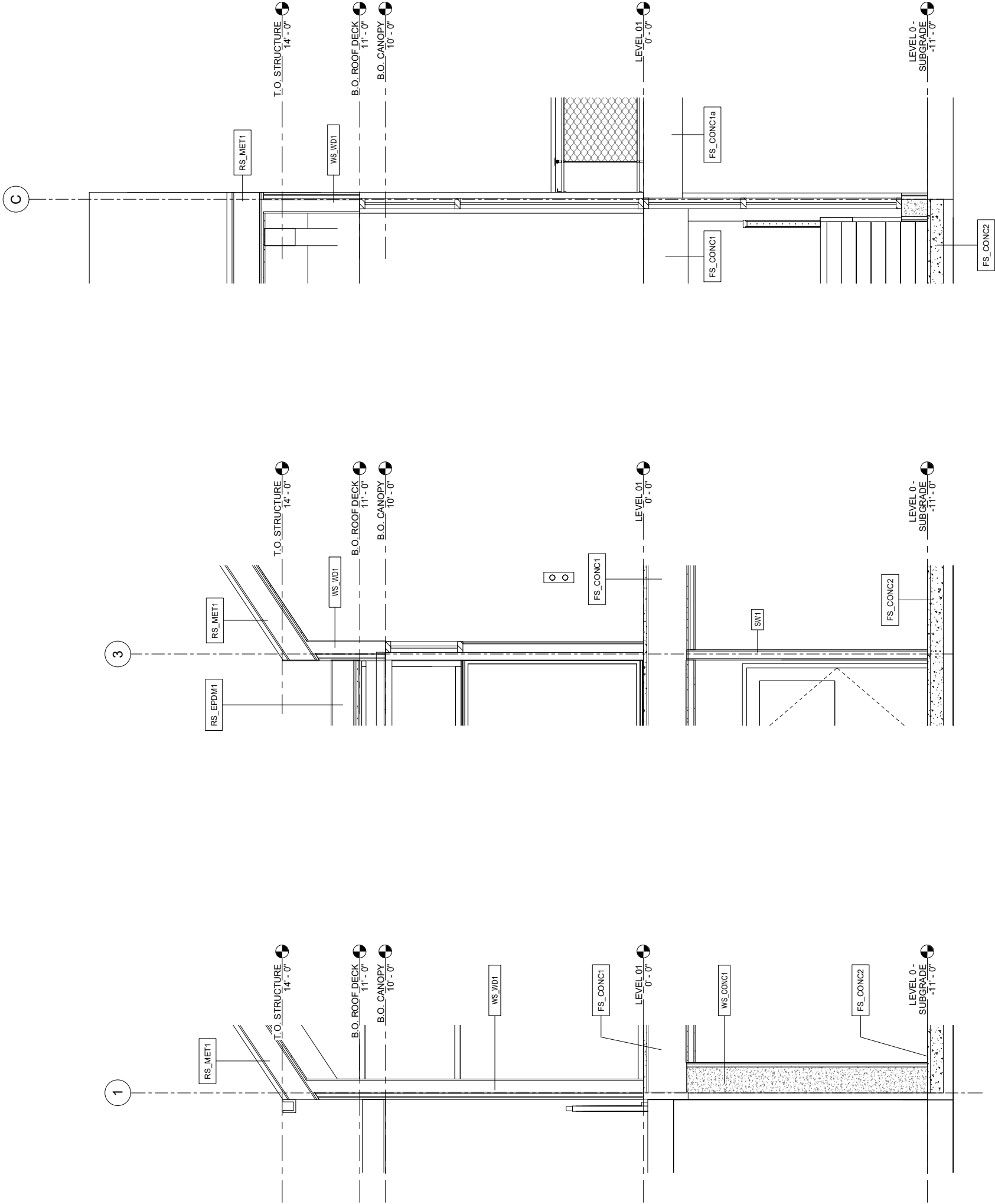
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SHEET #

**A5.0**

ISSUE DATE

06/05/2023



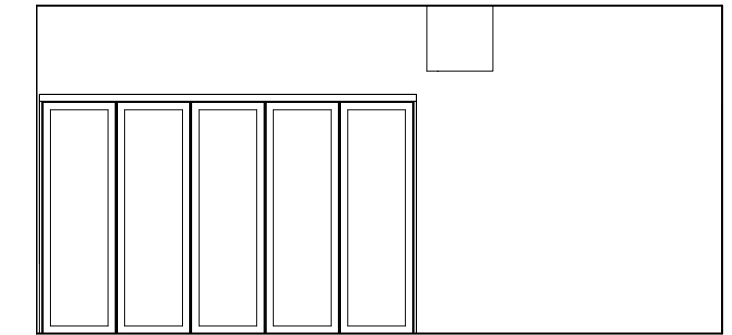
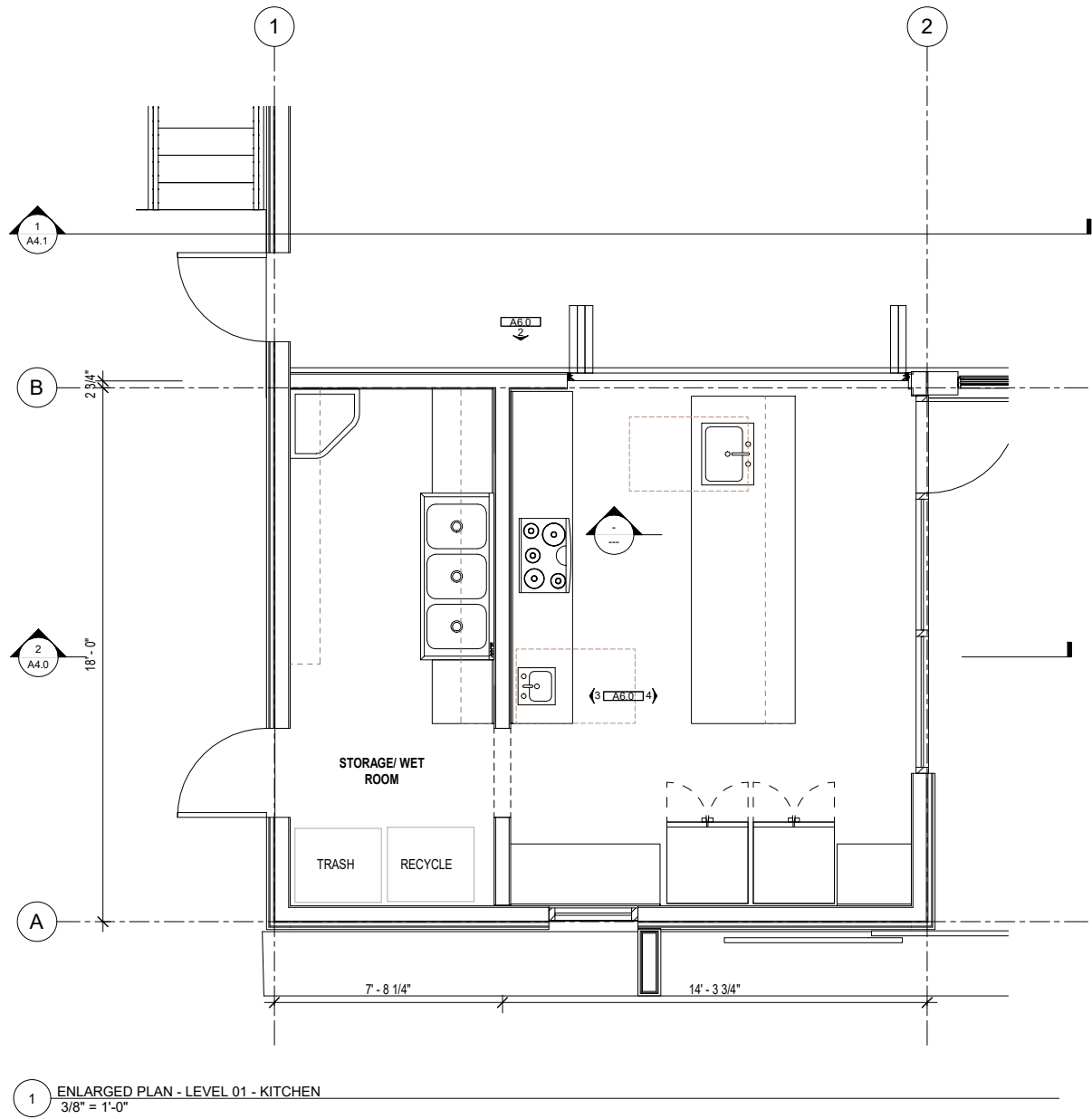
1 WALL SECTION FOUNDATION WALL TO EXTERIOR WALL SECTION TYP.  
1/2" = 1'-0"

2 WALL SECTION INTERIOR WALL AT GABLED ROOF TYP.  
1/2" = 1'-0"

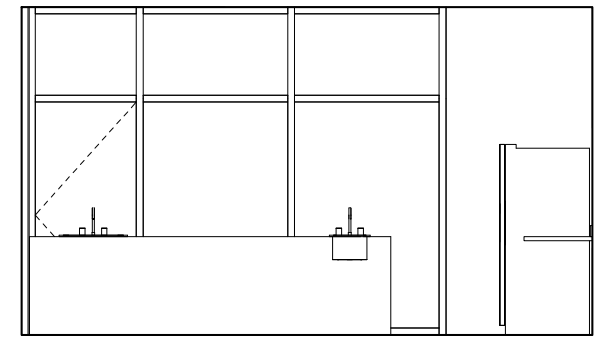
3 WALL SECTION DECK AT DAYLIGHT BASEMENT  
1/2" = 1'-0"



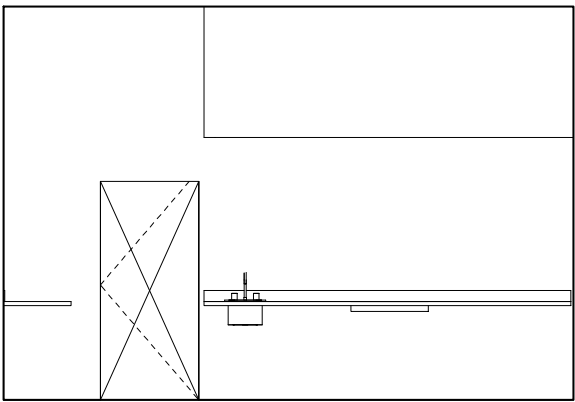
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2 KITCHEN SOUTH  
3/8" = 1'-0"



4 KITCHEN EAST  
3/8" = 1'-0"



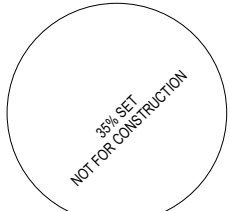
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3/8" = 1'-0"

**GENERAL NOTES:**

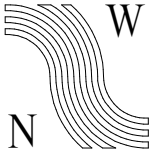
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DOUGLAS INDIAN ASSOCIATION AND TRIBAL GOVERNMENT

ST. ANNS AVENUE  
DOUGLAS, ALASKA

SHEET TITLE:

**ENLARGED PLANS  
& INTERIOR  
ELEVATIONS**

CHECKED Approver

DRAWN Author

issue date description

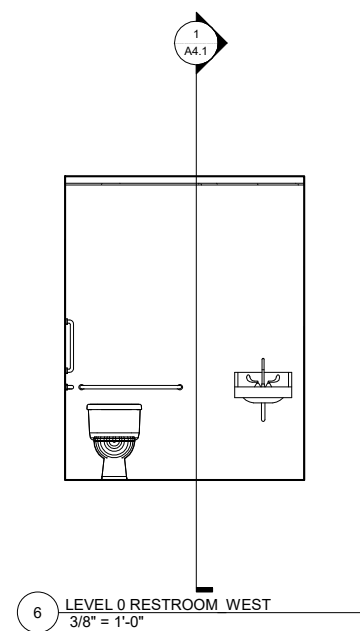
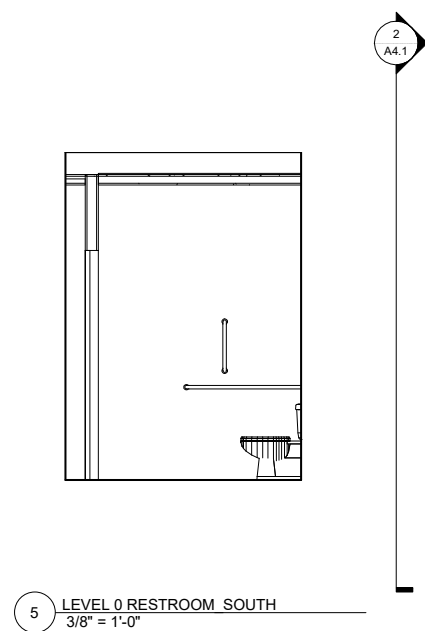
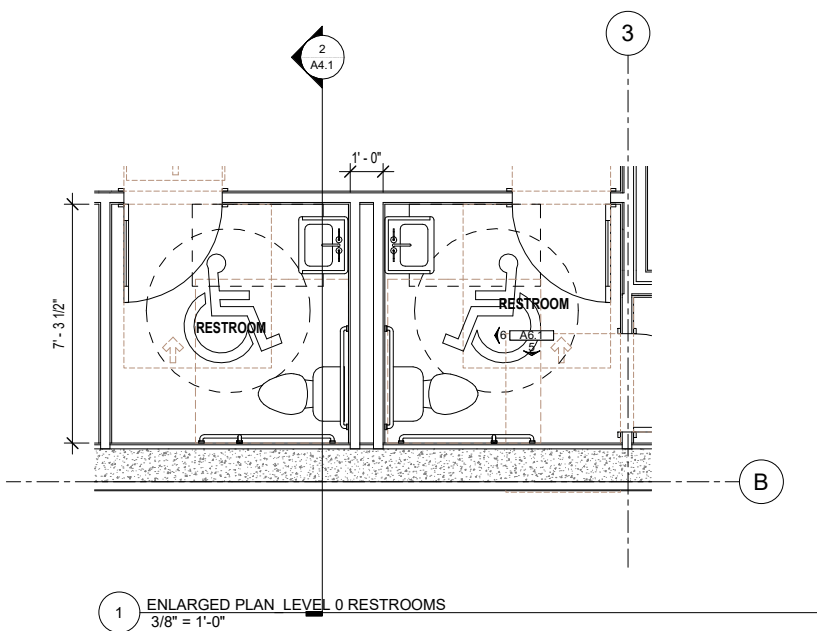
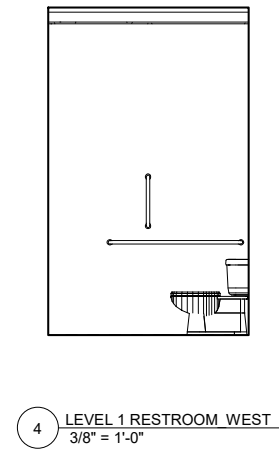
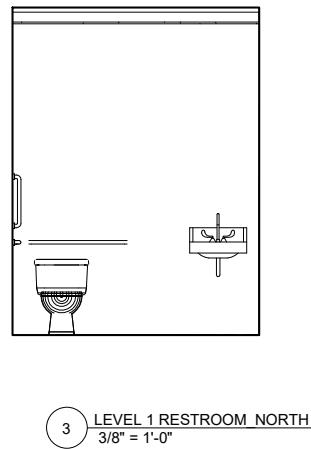
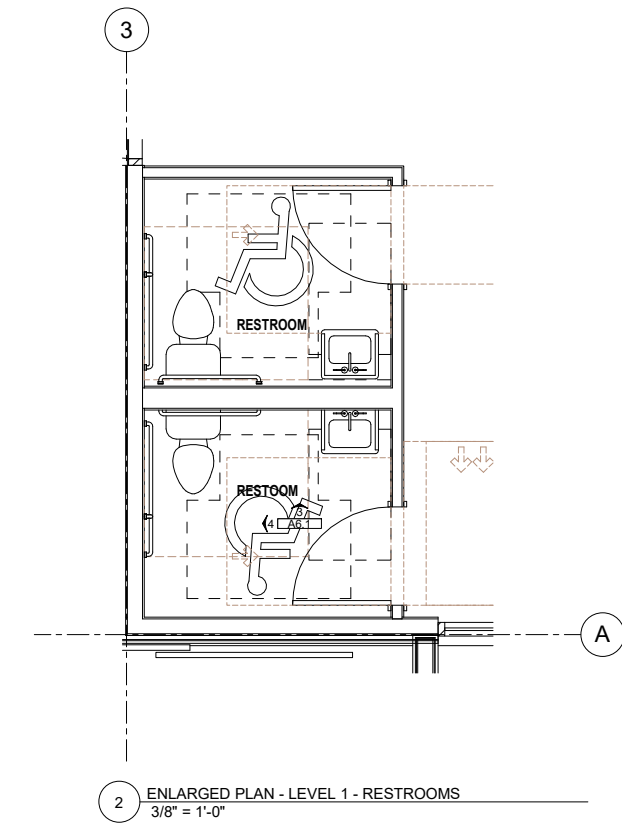
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**A6.0**

ISSUE DATE

06/05/2023

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**SHEET NOTES:**

1. #SPEC DESCRIPTION



06/05/2023

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**NorthWind**  
Architects, LLC

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DOUGLAS, ALASKA

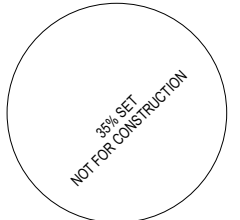
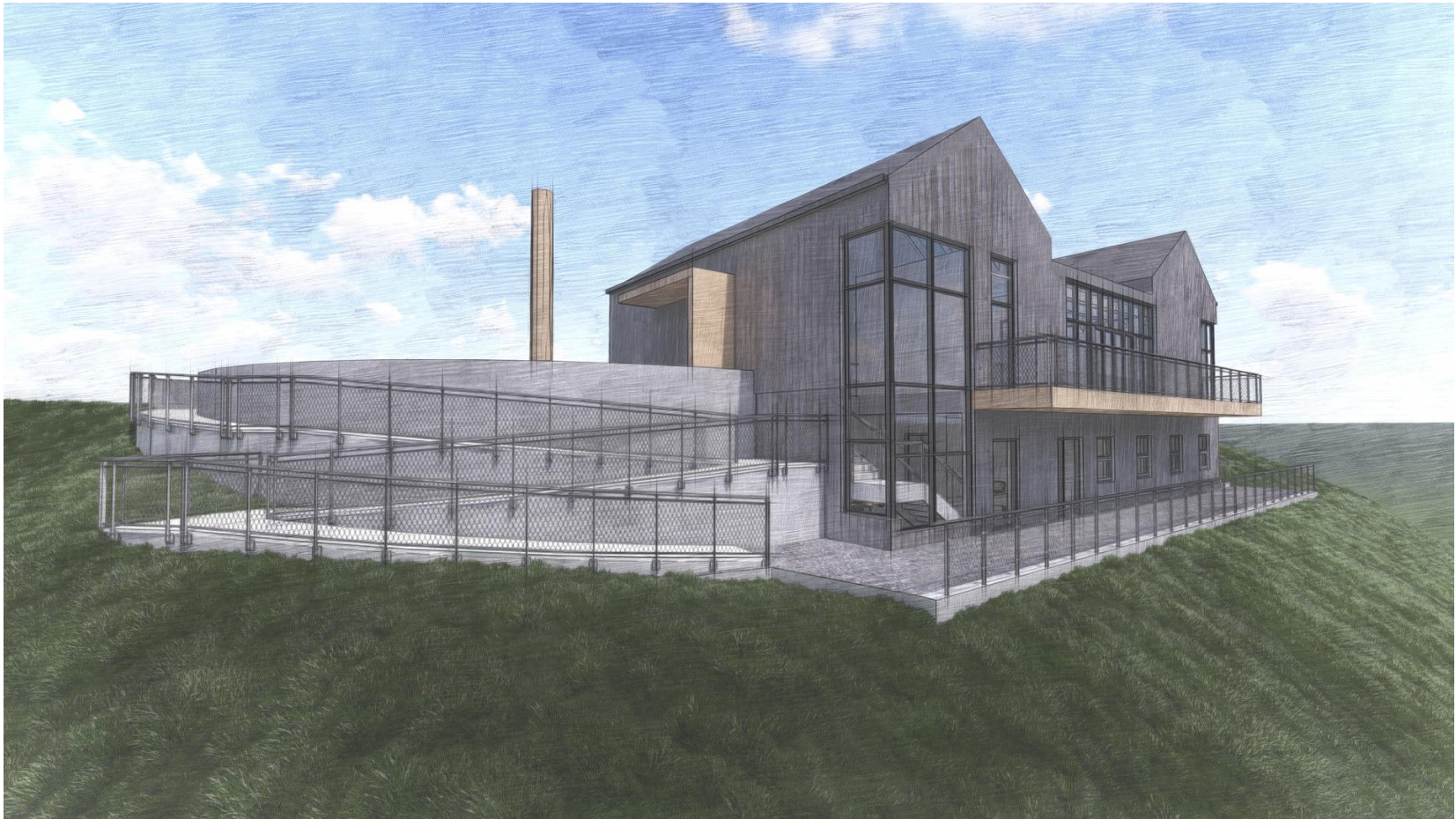
SHEET TITLE:  
**ENLARGED PLANS  
& INTERIOR  
ELEVATIONS**

CHECKED	Approver	
DRAWN	Author	
issue	date	description

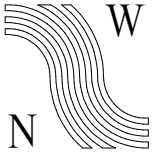
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ISSUE DATE 06/05/2023





06/05/2023



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SHEET TITLE:  
**3D VIEWS**

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SHEET # **A10.0**

ISSUE DATE 06/05/2023



DESIGN CRITERIA:

1. CODE: 2021 INTERNATIONAL BUILDING CODE
2. FLAT ROOF SNOW LOAD: 50 PSF
3. BASIC WIND SPEED: 140 MPH (3 SEC. GUST)  
EXPOSURE D
4. SEISMIC DESIGN CRITERIA:  
SITE CLASS: D  
RISK CATEGORY: II  
SEISMIC DESIGN CATEGORY: D  
S<sub>DS</sub> = 0.480
5. FLOOR LIVE LOADS:  
FLOORS: 100 PSF  
DECKS: 100 PSF

GENERAL NOTES:

1. THE PLANS AND SPECIFICATIONS ARE A GUIDE ONLY AND DO NOT DEPICT OR CALL OUT EVERY COMPONENT NECESSARY FOR COMPLETION OF THE PROJECT.
2. ENGINEER'S OBLIGATION AND/OR LIABILITY FOR ERRORS OR OMISSIONS SHALL BE LIMITED TO REDESIGNING AND REDRAWING THESE DRAWINGS TO CORRECT THE SITUATION.
3. PRIOR TO SUBMITTAL TO BUILDING DEPARTMENT, THE DESIGNER SHALL REVIEW THE STRUCTURAL DRAWINGS AND DETAILS FOR DIMENSIONAL ACCURACY.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT ALL DIMENSIONS ARE EQUIVALENT ON STRUCTURAL AND ARCHITECTURAL DRAWINGS. ANY DISCREPANCIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE DESIGNER AND ENGINEER FOR RESOLUTION PRIOR TO CONSTRUCTION.
5. AT EACH PHASE OF WORK, THE CONTRACTOR SHALL VERIFY ALL RELEVANT GRADES, DIMENSIONS, MEMBER SIZES, CONNECTIONS, AND CONDITIONS PRIOR TO ORDERING ANY MATERIALS OR COMMENCING ANY WORK.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORING, BRACING, FORMWORK, ETC., AS REQUIRED FOR THE PROTECTION OF LIFE AND PROPERTY DURING CONSTRUCTION.
7. STRUCTURAL OBSERVATION OR FIELD INSPECTION IS NOT THE RESPONSIBILITY OF TIMBERLINE ENGINEERING LLC.

ABBREVIATIONS:

AB	ANCHOR BOLT	HD	HOLDDOWN	PSF	POUNDS PER SQUARE FOOT
ACI	AMERICAN CONCRETE INSTITUTE	HDR	HEADER	PSI	POUNDS PER SQUARE INCH
ARCH	ARCHITECT	HF	HEM-FIR	PT	PRESSURE TREATED
AYC	ALASKA YELLOW CEDAR	HORIZ.	HORIZONTAL	PWD	PLYWOOD
BCI	BOISE CASCADE	HT	HEIGHT	RO	ROUGH OPENING
BM	BEAM	IBC	INTERNATIONAL BUILDING CODE	RS	ROUGH SAWN
BTM	BOTTOM	KS	KING STUD	SIM.	SIMILAR
COL	COLUMN	LAG	STANDARD HEX LAG SCREW	SQ	SQUARE
CONC	CONCRETE	LONG.	LONGITUDINAL	TN	TOE-NAILED
CONT	CONTINUOUS	MAX.	MAXIMUM	TP	TOP PLATE
DIA (Ø)	DIAMETER	MIN.	MINIMUM	TR.	TRIMMER STUDS
DBL	DOUBLE	MTE	MATCH TO EXISTING	TRANS.	TRANSVERSE
DF	DOUGLAS-FIR (NORTH)	NDS	NATIONAL DESIGN SPECIFICATION	TYP.	TYPICAL
EA	EACH	NFS	NON-FROST SUSCEPTIBLE	T&B	TOP & BOTTOM
EW	EACH WAY	NTS	NOT TO SCALE	T&G	TONGUE & GROOVE
FTG	FOOTING	O.C.	ON CENTER	UNO	UNLESS NOTED OTHERWISE
GALV.	GALVANIZED	OSB	ORIENTED STRAND BOARD	VERT.	VERTICAL
GLB	GLULAM	PLY	PLYWOOD	VL	VERSA-LAM

FOUNDATION:

1. NO GEOTECHNICAL REPORT OR SOILS REPORT WAS PREPARED FOR THIS PROJECT.
2. CONTRACTOR TO VERIFY THAT THE UNDISTURBED SOILS AT THE BOTTOM OF EXCAVATION HAVE A MINIMUM BEARING CAPACITY OF 2,000 PSF (WELL-GRADED SAND OR GRAVEL).
3. ORGANIC AND/OR WEAK SOILS ENCOUNTERED DURING EXCAVATION SHALL BE REMOVED AND REPLACED WITH WELL-COMPACTED, NON-FROST SUSCEPTIBLE STRUCTURAL FILL.
4. EXTERIOR FOOTINGS SHALL BEAR 2'-8" MINIMUM BELOW FINISHED GRADE OR ON NON-FROST SUSCEPTIBLE, FREE-DRAINING SOIL.
5. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3,000 PSI MIN. FOR STEMWALLS, AND FOOTINGS.
6. AIR ENTRAINING AGENT (3% - 6%) SHALL BE USED IN ALL CONCRETE EXPOSED TO WEATHER.
7. ALL MATERIALS AND PROCEDURES SHALL BE IN CONFORMANCE WITH ACI 318 AND OTHER APPLICABLE BUILDING CODES.
8. REINFORCING STEEL SHALL CONFORM TO ASTM A615. FOR #3 BARS AND SMALLER USE GRADE 40. FOR #4 BARS AND LARGER USE GRADE 60.
9. LAP SPLICE ALL BARS NO LESS THAN 40 BAR DIAMETERS U.N.O.
10. REBAR CONCRETE COVER:  
8" FOR CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO WEATHER.  
1-1/2" FOR CONCRETE EXPOSED TO EARTH OR WEATHER, AND BEAMS AND  
3/4" FOR SLABS AND WALLS NOT EXPOSED TO EARTH OR WEATHER.
11. HOLDDOWN ANCHOR BOLTS SHALL BE GALV. ASTM F1554 GRADE 36 THREADED ROD WITH 22"-EMBEDMENT AND NUT & WASHER ON EMBEDDED END, U.N.O.
12. CONTROL JOINT SPACING SHALL BE 15' O.C. MAXIMUM IN ALL SLABS. LOCATION TO BE DETERMINED BY CONTRACTOR. SAW CUT JOINTS TO BE MADE 12 TO 24 HOURS AFTER CONCRETE PLACEMENT.
13. 1/2" EXPANSION JOINTS SHALL BE PLACED AT ALL SLAB BOUNDARIES AND SEALED WITH ELASTOMERIC CAULKING.

FRAMING NOTES:

1. ALL MATERIALS, FASTENERS AND PROCEDURES SHALL BE IN CONFORMANCE WITH THE 2012 NDS, AND SHOULD BE INSTALLED PER THE MANUFACTURER'S SPECIFICATIONS. NAILS SHALL BE COMMON U.N.O.
2. ALL ROOF & FLOOR SHEATHING SHALL BE INSTALLED WITH THE LONG DIRECTION RUNNING PERPENDICULAR TO THE FRAMING MEMBERS.
3. ALL SAWN LUMBER MEMBERS SHALL BE DF-L(N)#2 U.N.O.
4. ALL HARDWARE SHALL BE SIMPSON STRONG TIE, OR APPROVED EQUAL, AND SHALL BE INSTALLED WITH THE MANUFACTURER'S SPECIFIED FASTENERS.
5. MOISTURE CONTENT OF WALL AND FLOOR FRAMING MEMBERS SHALL BE VERIFIED PRIOR TO ENCLOSURE. FRAMING MEMBERS SHALL NOT BE ENCLOSED IF THE MOISTURE CONTENT EXCEEDS 19%.
6. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.
7. SOLID 2x BLOCKING SHALL BE PROVIDED AT ENDS AND AT ALL INTERMEDIATE SUPPORTS OF JOISTS AND TRUSSES.
8. PROVIDE THRU-FLOOR SOLID BLOCKING AT ALL COLUMN LOCATIONS FOR A CONTINUOUS LOAD PATH TO THE FOUNDATION.
9. ALL JOISTS, BEAMS, AND RAFTERS SHALL BE PLACED WITH CAMBER UP.
10. ALL HARDWARE IN CONTACT WITH PRESSURE-TREATED WOOD OR EXPOSED TO WEATHER OR SOIL SHALL HAVE A CORROSION RESISTANT COATING.
11. ATTACH RAFTERS, RIM JOISTS AND PERIMETER FLOOR/ROOF BLOCKING TO TOP PLATES w/ 16d T.N. @ 6" O.C., U.N.O.
12. TOP PLATES SHALL HAVE 48" MIN. LAP AT SPLICES WITH (16) STAGGERED 16d NAILS PER CONNECTION.
13. ALL GLULAM BEAMS SHALL BE DF/DF 24F-V4.
14. ALL GLULAM POSTS SHALL BE DF L2D.



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1" ACTUAL

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35% SUBMITTAL

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TRIBAL GOVERNMENT CULTURAL CENTER

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ST. ANN'S AVENUE, DOUGLAS, ALASKA

SHEET TITLE:  
GENERAL NOTES  
& ABBREVIATIONS

CHECKED JG

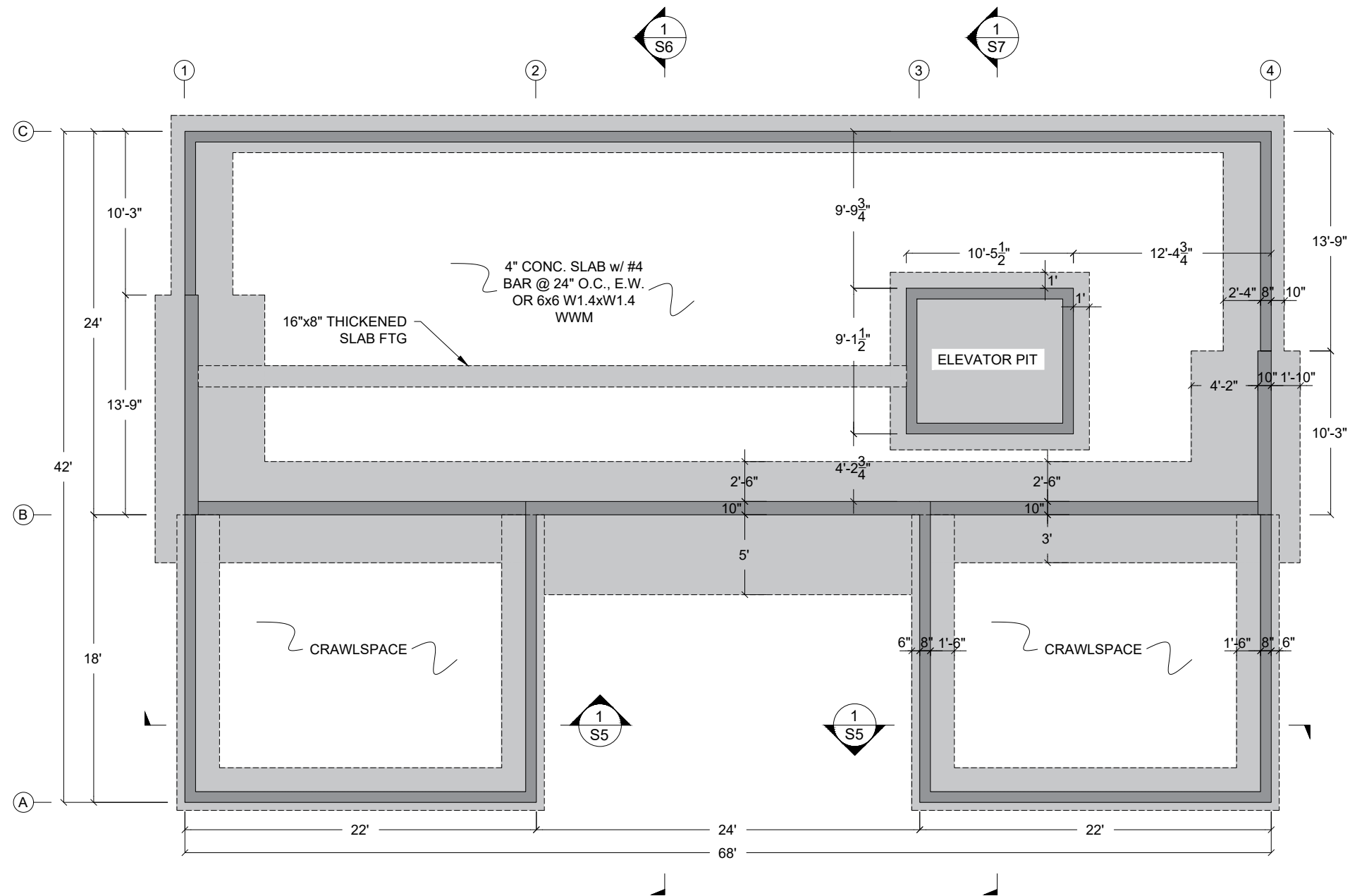
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SHEET #  
**S1**

ISSUE DATE 06/02/2023

FULL SIZE: 22"x34"





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SHEET TITLE:  
FOUNDATION PLAN

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issue	date	description

SHEET #  
**S2**

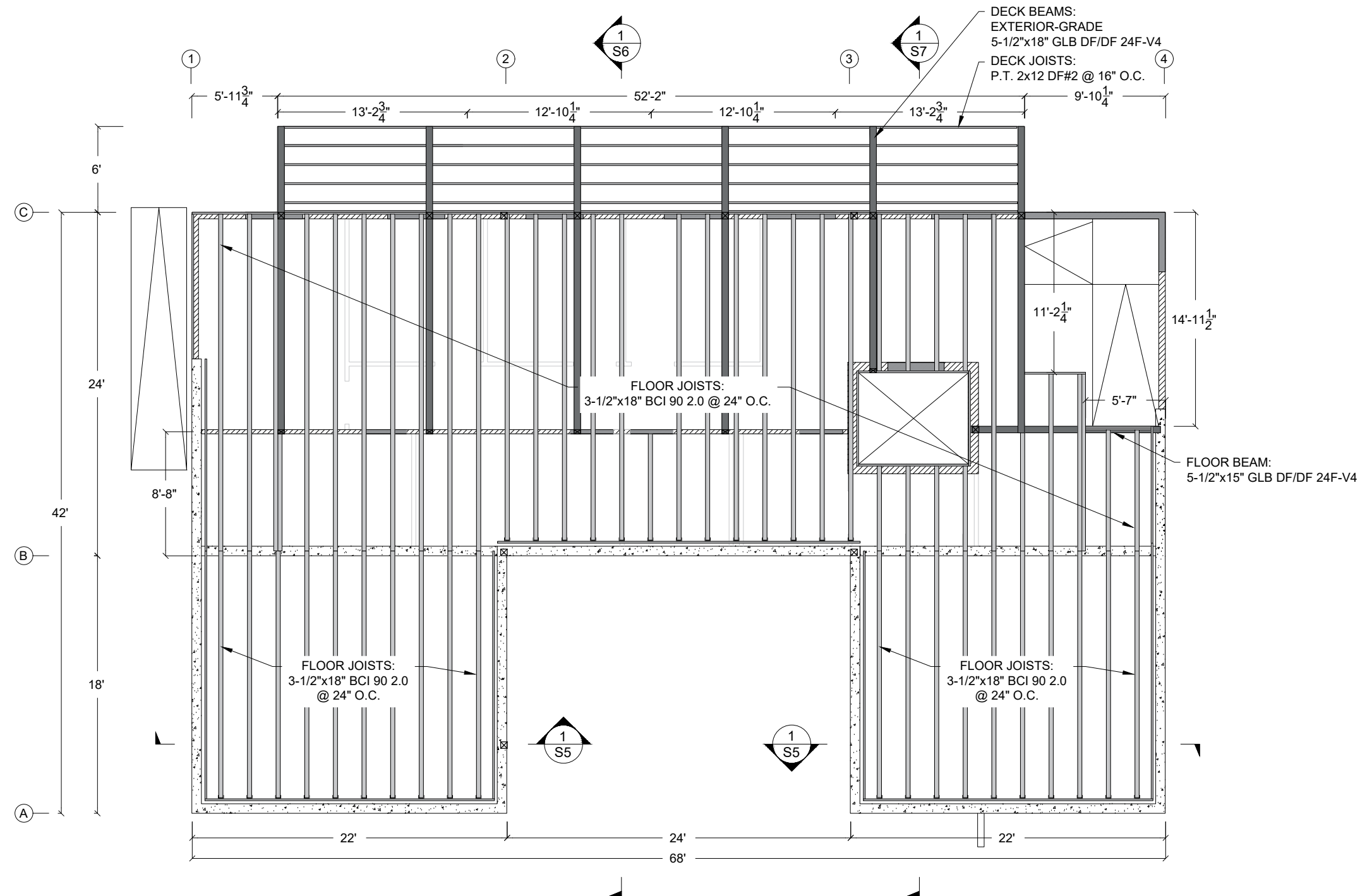
ISSUE DATE  
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1 FOUNDATION PLAN  
1/4" = 1'-0"



FULL SIZE: 22"x34"







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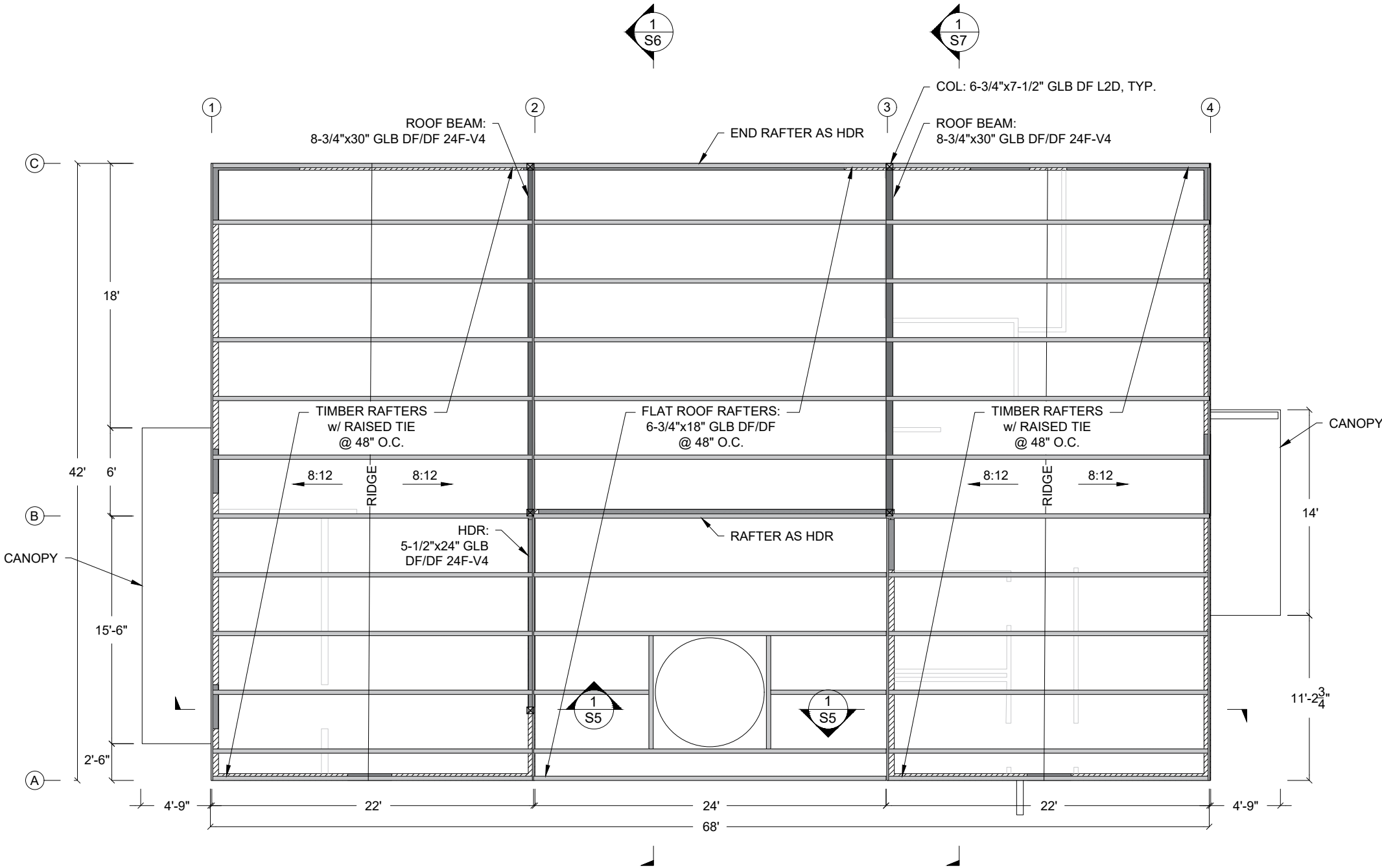
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SHEET TITLE:		
FIRST FLOOR		
FRAMING PLAN		
CHECKED	JG	
DRAWN	JG	
issue	date	description

SHEET # **S3**

FULL SIZE: 22"x34"    ISSUE DATE    06/02/2023

NOTE:  
1. HEADERS 6x12 DF#2 U.N.O.



  
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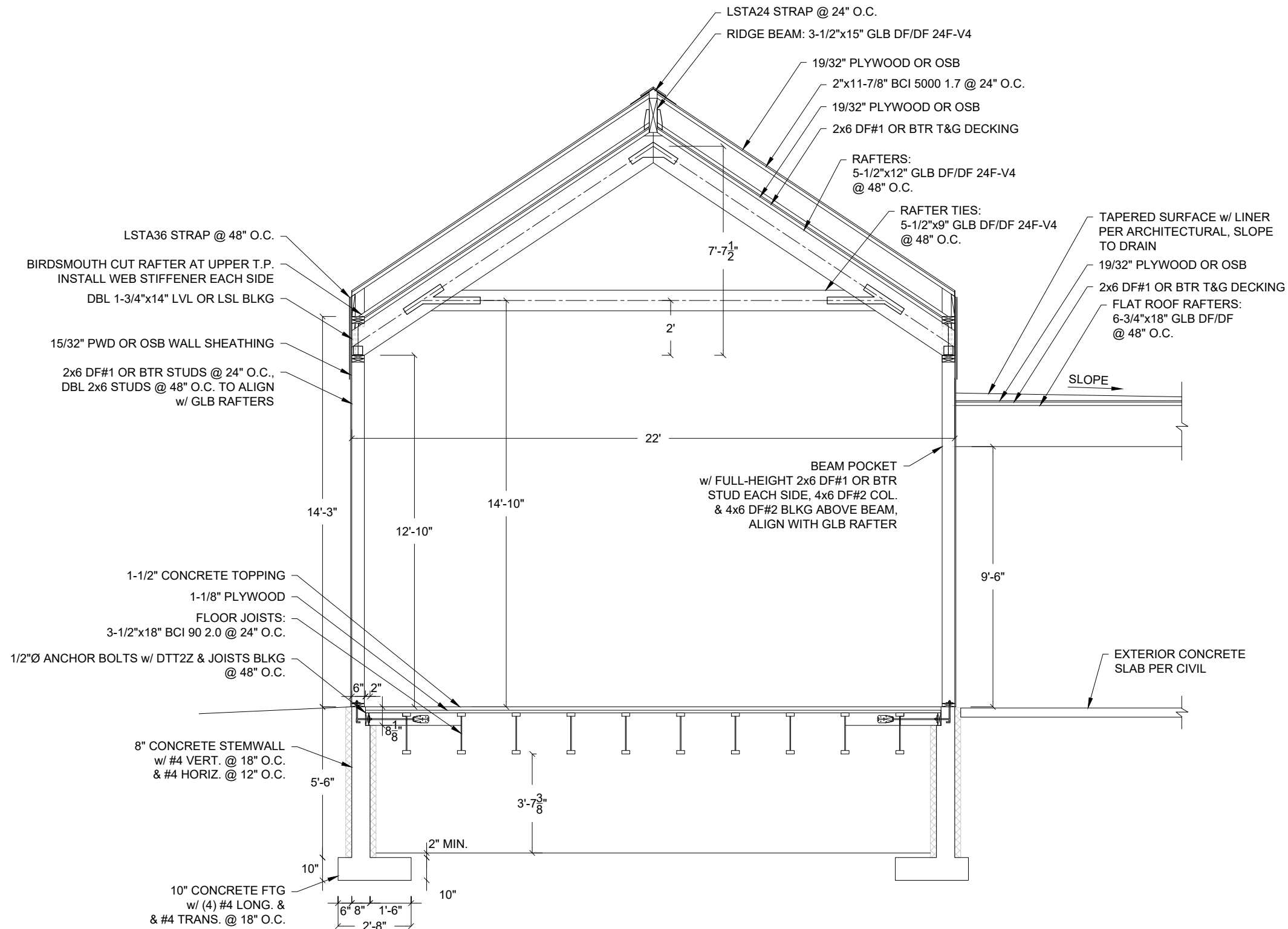
SHEET TITLE:  
ROOF FRAMING PLAN

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DRAWN	JG	
issue	date	description

SHEET #

**S4**

- NOTES:
- 6" MINIMUM BASE COURSE, GRADING D-1, COMPACTED TO 95% OF MAXIMUM DRY DENSITY, BELOW ALL FOOTINGS AND SLABS



1 SECTION  
1/2" = 1'-0"

  
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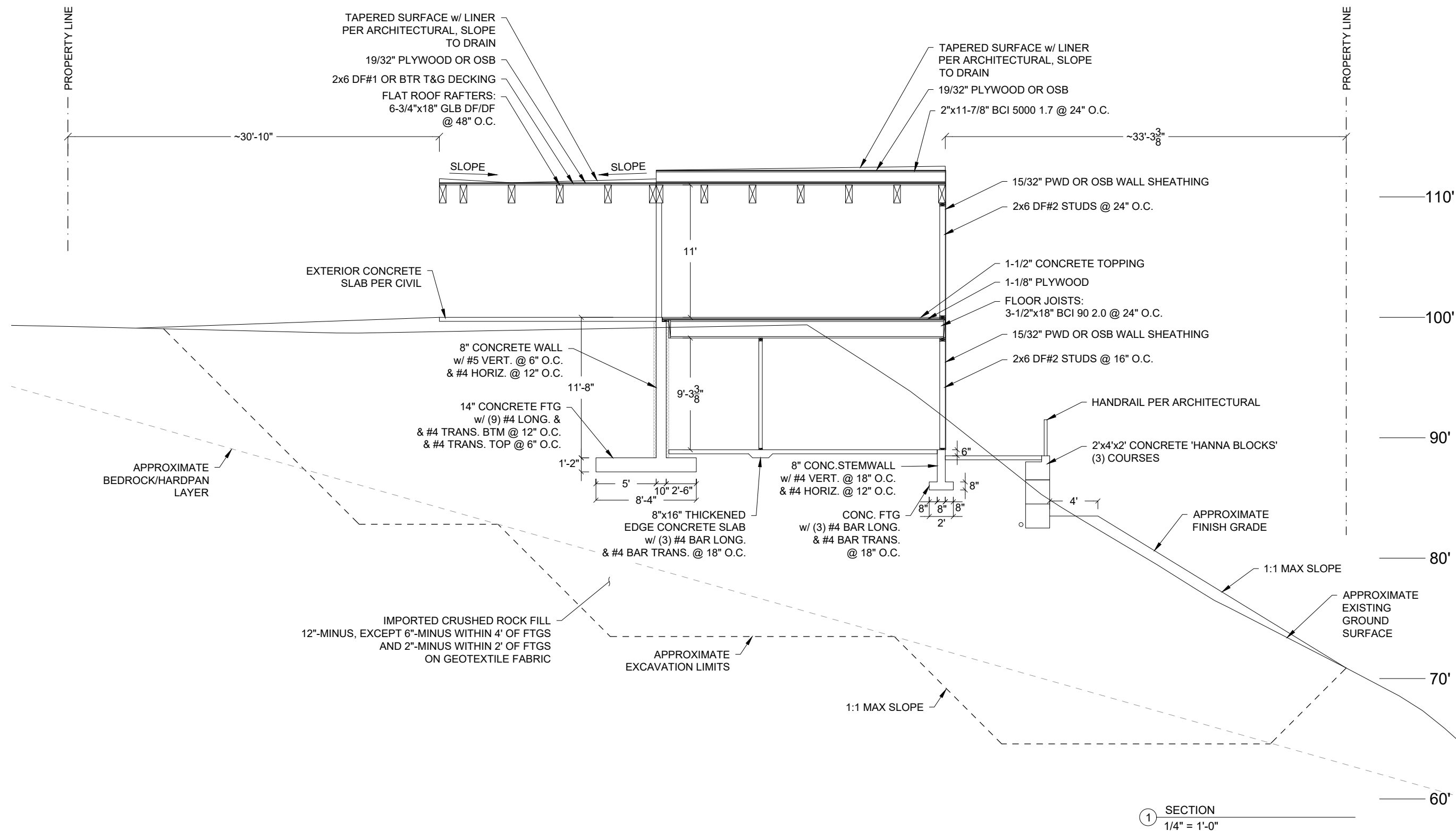
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SECTION

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DRAWN	JG

issue	date	description
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SHEET #  
**S5**

- NOTES:
- 6" MINIMUM BASE COURSE, GRADING D-1, COMPACTED TO 95% OF MAXIMUM DRY DENSITY, BELOW ALL FOOTINGS AND SLABS



  
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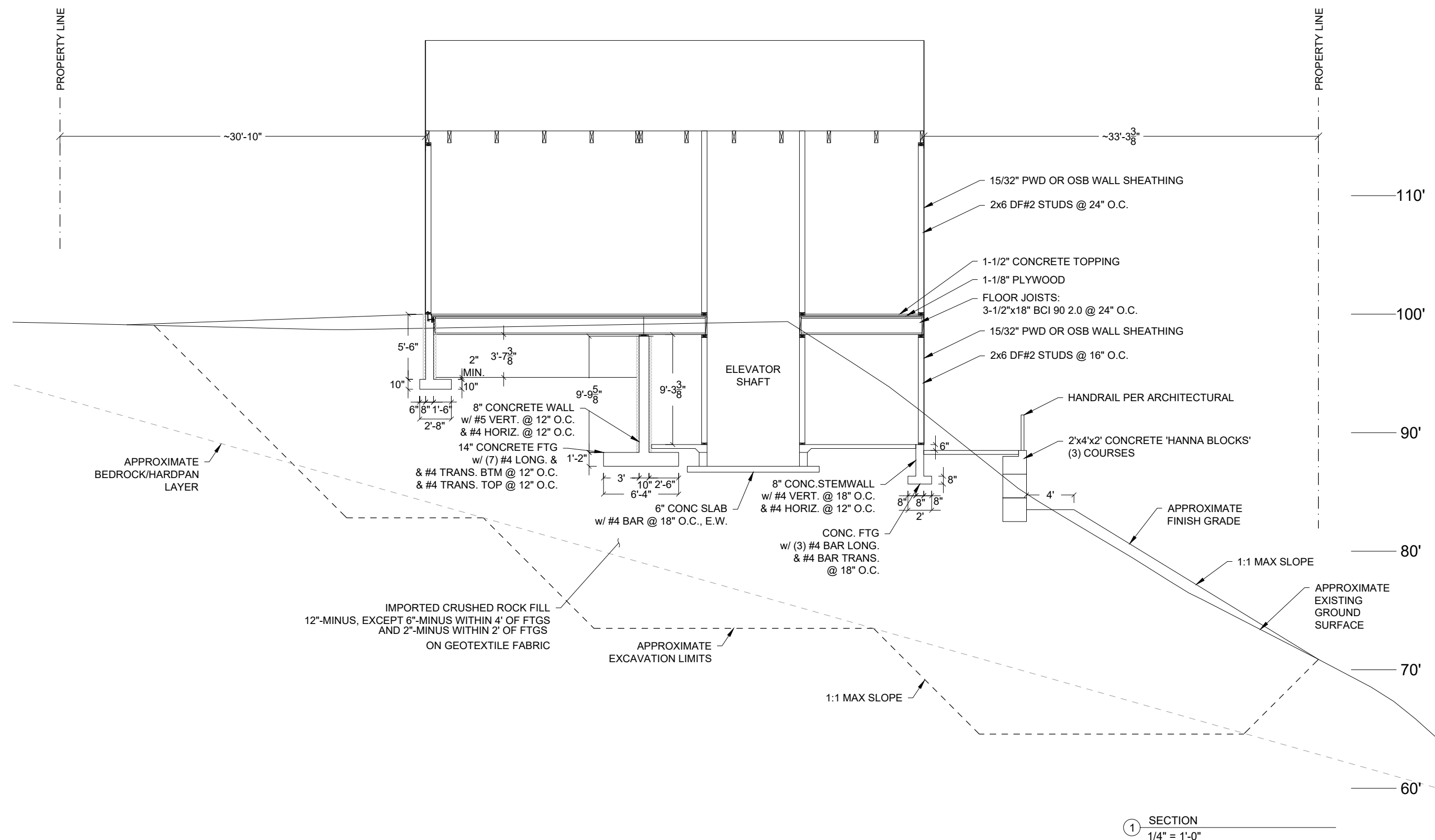
SHEET TITLE:  
SECTION

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issue	date	description

SHEET #

**S6**

- NOTES:
- 6" MINIMUM BASE COURSE, GRADING D-1, COMPACTED TO 95% OF MAXIMUM DRY DENSITY, BELOW ALL FOOTINGS AND SLABS



  
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SHEET TITLE:  
SECTION

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DRAWN	JG

issue	date	description
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SHEET # **S7**



LABEL	FIXTURE	HW	CW	W	V	DESIGN MANUFACTURER	MODEL			
FD	FLOOR DRAIN	-	1/2"	3"	1-1/2"	ZURN	FD1	SUPPLY WITH TRAP PRIMER CONNECTION.		
ET-1	EXPANSION TANK	-	1/2"	-	-	WOODFORD	AMTROL	2 GALLON TANK .9 GALLON ACCEPTANCE, 1 EACH WATER HEATER		
HB	NON-FREEZE HOSE BIBB	-	-	-	-		MODEL 25	8" WALL THICKNESS		
KS	KITCHEN SINK	1/2"	1/2"	2"	1-1/2"	KOHLER	SINK -K-5267-3 FAUCET -K-R10651-SD	DROP-IN INSTALLATION 3-HOLE 8" O.C., INSTALL CLEAN OUT ABOVE TRAP ARM.		
L	LAVATORY	1/2"	1/2"	1-1/2"	1-1/2"	FAUCET -AMERICAN STANDARD	SINK -K-2356 FAUCET -K-16027-4	SINGLE HOLE COUNTERTOP LAVATORY AND FAUCET		
RD	ROOF DRAIN	-	-	3"	-	ZURN	Z-2121-C	3" NO HUB		
WC	WATER CLOSET	-	1"	3"	2"	AMERICAN STANDARD	3351.101	SUPPLY WITH SLOAN TOUCH LESS FLUSH VALVE #111 ESS-1-28-OR-HW, BEMIS #11955SSCT OPEN FRONT SEAT, PDI SIZE "A" HAMMER ARRESTER AND NECESSARY WALL CARRIER.		

LABEL	LOCATION	MANUFACTURER		DRIVE	AIR FLOW	ESP	RPM	PH	V	HP	AMPS	COMMENTS
		MODEL	5424 ND-2									
KEH-1	KITCHEN	CAPTIVEAIRE		-	800 CFM	0.58" W.C.	-	1	120V	-	-	LIGHTS CONTROL PANEL, 15 AMP CIRCUIT, FIRE SUPPRESSION AND CONTROL CABINET ON RIGHT, ZERO CLEARANCE TO COMBUSTIBLES ON BACK AND TOP OF HOOD.
KEF-1	ROOF	CAPTIVEAIRE	DU85HFA	DIRECT	800 CFM	1.3" W.C.	1229	1	115V	0.75	8.9FLA	ECM EXHAUST FAN, PROVIDE WITH INSULATED VENTED PITCHED ROOF CURB.
MAU-1	STORAGE/WET ROOM	ELECTRO INDUSTRIES	EM-MD10-208-3-10	DIRECT	600 CFM	0.5" W.C.	-	3	208V	0.20	26.6	MAKE UP AIR UNIT TO BE ENERGIZED WHEN KEF-1 IS ENERGIZED, 9.6KW ELECTRIC COIL.

LABEL	LOCATION	MANUFACTURER	MODEL	DRIVE	CFM	TSP	PH	V	MCA	CONTROL	COMMENTS
HRV-1	MECH	GREENHECK	ECV-10H-VG-P	DIRECT	900 SA 900 EA	0.675" SA 0.7" EA	1	208V	15.8	MICRO PROCESSOR	HINGED ACCESS, MICRO PROCESSOR CONTROLLER, CONSTANT VOLUME, ON/OFF CONTROL, ELECTRIC HEATER ENABLE WITH OA RESET, REMOTE PANEL WITH 75' CORD, DIRTY FILTER SENSORS, TIMED EXHAUST FROST CONTROL, OUTDOOR AND RETURN AIR LOW LEAKAGE CONTROL DAMPERS.

LABEL	TYPE	MANUFACTURER	MODEL	COOLING CAPACITY	HEATING CAPACITY	PH	V	MCA	MOP	REFRIGERANT TYPE	PIPING CONNECTIONS	COMMENTS
ODU-1, 2	AIR TO WATER	SPACEPAK	IL4HP	45,500 BTU/HR	53,200 BTU/HR	1	230V	45.0	50	410A	1-1/4" NPT	
BASIS OF DESIGN												
					NOMINAL			ELECTRICAL				

LABEL	SERVICE	MANUFACTURER	MODEL	CAPACITY	CFM	ESP	PH	V	AMPS	COMMENTS
FC-1	CULTURAL EDUCATION	SPACEPAK	WCSP-3642J	42,000 BTU/HR	850 CFM	0.50" W.C.	1	230V	3.8	7/8" NPT SUPPLY AND RETURN WATER CONNECTIONS
FC-2	MAIN FLOOR EAST WING	SPACEPAK	WCSP-3642J	42,000 BTU/HR	850 CFM	0.50" W.C.	1	230V	3.8	7/8" NPT SUPPLY AND RETURN WATER CONNECTIONS
BASIS OF DESIGN										
					AIRFLOW		ELECTRICAL			

LABEL	DESCRIPTION	MANUFACTURER	MODEL	TYPE	FLOW	HEAD	FLUID	PH	V	HP	AMPS	CONTROL	COMMENTS
SP-1	BASEMENT SEWAGE EJECTOR	E ONE	IH091	GRINDER STATION	13 GPM	15'	WASTE	1	115V	1	-	INTEGRAL FLOAT	
BASIS OF DESIGN													
													ELECTRICAL

LABEL	SERVICE	MANUFACTURER	MODEL	TYPE	STORAGE	FIRST HOUR RATING	1	208V	30	COMMENTS
WH-1, 2	DOMESTIC FULL BUILDING	AO SMITH	HP1S-50	HYBRID	50 GAL	65 GAL	1	208V	30	DUAL 4,500W NON-SIMULTANEOUS HEATING ELEMENTS FOR BACKUP
BASIS OF DESIGN										
							ELECTRICAL			

LABEL	MANUFACTURER	MODEL	FLUID	PH	V	AMPS	CONNECTIONS	COMMENTS
B-1	ELECTRO INDUSTRIES	EB-CX-36-20	100% WATER	3	208V	100	2" NPT	36KW ELECTRIC BOILER
BASIS OF DESIGN								
ELECTRIC BOILER SCHEDULE								

LABEL	SERVICE	MANUFACTURER	MODEL	PORTS	STORAGE	COMMENTS
BT-1	HEATING FULL BUILDING	IBC	IWT 119-MAX	4	119MAX	INSTALL AQUASTAT IN FACTORY THERMOWELL
BT-2	COOLING FULL BUILDING	IBC	IWT 119-MAX	4	119MAX	INSTALL AQUASTAT IN FACTORY THERMOWELL
BASIS OF DESIGN						
BUFFER TANK SCHEDULE						

MODERN MECHANICAL

Mechanical Engineers

11001 Black Bear Rd. (907) 789-9321 phone  
Juneau, Alaska 99801 shane@modern-mechanical.com

6/2/2023



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TRIBAL GOVERNMENT CULTURAL CENTER

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SHEET TITLE: SCHEDULES

issue	date	description
CHECKED	SDH	
DRAWN	DRB	

SHEET #  
M0.2

ISSUE DATE  
06/02/2023



June 2, 2023

Douglas Indian Association and Tribal Government Cultural Center  
Electrical Narrative

### *General*

The electrical systems will comply with accepted codes, standards and recommended practices common to the electrical industry and as required by local and state authorities, including the following:

- National Electrical Code (NEC)
- International Fire Code (IFC)
- National Fire Protection Association (NFPA)
- Illuminating Engineering Society (IES)
- National Electrical Manufacturers Association (NEMA)
- National Electrical Contractors Association (NECA)

All equipment will be listed and labeled by a nationally recognized testing agency acceptable to the State of Alaska.

### *Utility Services and Distribution Equipment*

The building will require a three-phase service for mechanical equipment loads and the elevator. An overhead utility extension is required from the 400-block on St. Anns Avenue to bring three-phase power to the site. Primary power will route from the nearest utility pole, underground to a pad mounted transformer located on the west side of the building. The transformer will feed a combination utility meter and 400 amp main circuit breaker located on the west exterior wall. A 400 amp, 120/208 volt three-phase main panelboard will be located in the Mechanical Room to serve the elevator, mechanical equipment, and Level 0 workstations, lighting and convenience receptacles. A sub-feed panelboard rated 225 amp, 120/208 volt, three-phase will be located in the Storage / Wet Room to supply Level 01 workstations, lighting, convenience receptacles and kitchen equipment. Both panelboards will be provided with surge protection devices to protect downstream equipment from transient voltages.

Indoor equipment will be NEMA 250, Type 1. Equipment buses and conductor connections will be tin-plated aluminum. Panelboards will be surface mounted. Overcurrent protective devices will be molded case circuit breakers. All equipment will be commercial grade.

#### *Communications Services and Distribution Equipment*

Telephone and coax services will terminate on a 2-foot wide plywood backboard in the mechanical space. A data rack will be provided in the storage / computer lab space. The data rack will house patch panels, Owner provided network equipment, and head-end equipment for access control and camera surveillance systems. An uninterruptible power supply will be provided to supply back-up power to the communications head-end equipment and data rack.

Connecting blocks, cross-connects, and patch panels will be 110-style with insulation displacement connectors. Patch panels will be 48-port, minimum. The racks will be equipped with horizontal and vertical cable management and power strips.

#### *Feeders and Branch Circuits*

Feeders and branch circuits will be single conductors in conduit. All conductors will be copper with insulation Type THHN-THWN. Connectors and splices will be of size, ampacity rating, material, type, and class for application and service required. Feeders and branch circuits will be concealed, except in unfinished spaces.

#### *Grounding and Bonding*

Insulated copper equipment grounding conductors will be provided with all feeders and branch circuits.

#### *Hangers and Supports*

The project will comply with NECA for application of hangers and supports for electrical equipment and systems. Interior support devices will be steel; exterior will be hot-dip galvanized with stainless steel hardware.

#### *Raceways and Boxes*

Exposed, outdoor conduit and interior locations subject to damage will be galvanized rigid steel. Electrical metallic tubing will be utilized for interior raceways not subject to damage or concealed in finished surfaces. Connections to vibrating equipment shall be flexible metal conduit, except liquid-tight flexible metal conduit will be applied in damp or wet locations. Outlet and device boxes will be sheet metal.

#### *Identification for Electrical Systems*

Branch circuit conductors will be identified with self-adhesive vinyl labels where conductors are accessible in panels, junction and pull boxes. All feeders and branch circuits will be color-coded for phase identification with factory applied color or half-lapped tape.

Equipment identification labels will be provided on each unit of equipment including disconnect switches and protection equipment, central or master units, control panels, control stations, and terminal cabinets. Systems include power, lighting, control, communication, signal, monitoring, and alarm.

### *Mechanical Equipment*

The preliminary mechanical load is estimated to be approximately 90kVA. The major loads include an electric boiler, heat pumps, a heat recovery unit with an electric coil, and miscellaneous pumps. Branch circuits and connections for all mechanical equipment will be provided as required. Motors rated ½ HP and larger will be wired 208 volts, 3 phase. Motors less than ½ HP will be wired 120 volt, single phase. Disconnect switches will be heavy-duty type with fuses as required. Motor starter switches will be quick-make, quick-break toggle with on/off indication. Full voltage, across the line, magnetic controllers with bimetallic overload relays will be used for equipment requiring automatic control.

### *Lighting Systems*

All light fixtures will utilize LED technology. Illumination levels shall comply with recommended practices outlined by IES.

Interior light fixtures will predominately be indirect / direct or volumetric type to provide uniform, low-glare illumination. Offices, reception, and the meeting room will be controlled by wall mounted dimmer switches with integral occupancy sensors. Restrooms, mechanical, and the storage rooms will be controlled by wall mounted occupancy sensors. The education classroom will be controlled by dimmers and will likely have multiple control groups. The lobby and corridor will be switched. Exit signs and emergency illumination will be provided as required along the means of egress.

Exterior lighting will be provided in the courtyard, on the balcony, around the building perimeter, and along the exterior stair. Wall mounted light fixtures will be dark sky compliant with cutoff optics to restrict light to the intended area of illumination. Light trespass to adjacent properties will be avoided by utilizing light fixtures with low lumen output. Exterior lighting will be controlled with a photocell and timer. The courtyard may be controlled with an occupancy sensor.

### *Wiring Devices*

Receptacles will be provided for workstations and equipment. The design will provide sufficient devices to allow for flexibility. Convenience receptacles in the lobby and corridor will be located so that no point is more than 20-feet away from a receptacle. Four receptacles will be located in each enclosed office. The education classroom walls will be provided with devices spaced approximately 10-feet apart, with accommodations for a large wall mounted monitor with in-floor connectivity to stream digital content. Receptacles with special configurations will be provided as required by the Owner.

All devices will be specification grade, or better. Convenience receptacles will be 125V, 20A. Ground fault devices will be provided as required by the NEC, non-feed through type. Toggle switches will be 120/277V, 20A. Wall box dimmers will be modular, full-wave, solid-state units with integral, on-off switches. Smooth, high-impact thermoplastic wall plates will be used, except in unfinished spaces where galvanized steel will be allowed. Wet location device plates will be NEMA 250, Type 3R with lockable cover.

#### *Low Voltage Devices and Wiring*

All components of the data system will comply with Category 6 performance criteria. Two data outlets with two jacks per outlet will be provided in each enclosed office and workstation. Common work spaces will be provided with jacks as required for convenience and equipment. Network connections will be planned for wireless access points throughout the building. The data system configuration and outlet locations will be coordinated with the Owner's network equipment provider.

Cables shall be 100-ohm, four-pair unshielded twisted pair with thermoplastic jacket. Cables will terminate on a rack mounted patch panel in the storage / computer lab. Conduit for the data system will be 1" minimum. Conduit will be utilized in concealed and exposed conditions, except above accessible ceilings where unenclosed cabling methods may be used.

#### *Camera Surveillance*

A basic camera surveillance system will be provided to monitor the building exterior and entries. The system will utilize digital cameras that record on motion, only. Content will be stored on a network video recorder mounted in the data rack located in the storage / computer lab. A network-based software interface will be provided for control and playback.

#### *Door Control*

Power will be provided for electronic access control of exterior doors.

#### *Fire Alarm*

A basic control panel will be required to monitor the elevator landings for smoke and interface with the elevator controller for recall functions. The Type 1 hood in the kitchen is also required to be monitored for an alarm condition. The control panel will dial out to a constantly attended location for dispatch and sound a local audible and visual signal.