# COOK INLET HOUSING AUTHORITY BREWSTER'S MULTIFAMILY HOUSING

ANCHORAGE, ALASKA

# PERMIT DOCUMENTS

# MARCH 8, 2023

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# **GENERAL NOTES**

- 1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE MOST RECENT ADOPTED EDITION OF THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA), INTERNATIONAL BUILDING CODE (IBC), INTERNATIONAL MECHANICAL CODE (IMC), UNIFORM PLUMBING CODE (UPC), NATIONAL ELECTRICAL CODE (NEC), INTERNATIONAL FIRE CODE (IFC), INTERNATIONAL ENERGY CONSERVATION CODE (IECC), AND ALL OTHER APPLICABLE FEDERAL, STATE AND LOCAL LAWS, CODES, REGULATIONS, ORDINANCES AND AMENDMENTS.
- 2. NO WORK SHALL BEGIN UNTIL APPLICABLE APPROVALS AND REQUIRED PERMITS HAVE BEEN OBTAINED. THE CONTRACTOR SHALL ENSURE SUBCONTRACTORS VERIFY AND ASSURE PROPER CODE COMPLIANCE FOR ALL ASPECTS OF CONSTRUCTION WITHIN THEIR RESPECTIVE TRADES. CONTRACTOR SHALL BE HELD TO HAVE EXAMINED THE SITE AND CONDITIONS UNDER WHICH THEY WILL BE OBLIGATED TO PERFORM THE WORK, PRIOR TO PROCEEDING. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF WORK.
- 3. DRAWINGS ARE SUPPLIED TO THE CONTRACTOR AND OTHERS FOR THEIR USE ON THE SPECIFICALLY NAMED PROJECT. ALL COPIES OF THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF SPARK DESIGN, LLC AND SHALL NOT BE REUSED OR REPRODUCED WITHOUT THE WRITTEN PERMISSION OF SPARK DESIGN, LLC.
- 4. THE ORGANIZATION OF DRAWINGS IS NOT INTENDED TO CONTROL THE DIVISION OF WORK. DIVISION OF WORK SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- 5. CONTRACTOR SHALL VERIFY DIMENSIONS, REQUIRED CLEARANCES, ELECTRICAL, AND PLUMBING REQUIREMENTS FOR ALL OWNER AND N.I.C. ITEMS.
- 6. ALL MATERIALS SHALL BE ASSUMED TO BE NEW UNLESS SPECIFICALLY NOTED AS EXISTING.
- 7. DO NOT SCALE THE DRAWINGS TO OBTAIN DIMENSIONAL CLARIFICATION. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS BEFORE PROCEEDING WITH THE WORK.
- 8. THE AUTOMATIC FIRE SPRINKLER SYSTEM AND FIRE ALARM SYSTEM SHALL BE DESIGNED IN ACCORDANCE WITH THE MOST RECENTLY ADOPTED EDITION OF NFPA AND ALL LOCAL AND ALASKA STATE REGULATIONS. SPRINKLER CONTRACTOR SHALL PROVIDE AND COORDINATE SPRINKLER ROUTING AND LOCATIONS ABOVE THE FINISHED CEILING. IF ANY SPRINKLER PIPING IS LOCATED BELOW A FINISHED CEILING, THE CONTRACTOR SHALL EXPLICITLY IDENTIFY THE LOCATIONS AND HAVE WRITTEN APPROVAL FROM THE ARCHITECT ON THE EXACT ROUTING AND PROPOSED FINISH OF EXPOSED PIPE. ALL SPRINKLERS IN TRASH CHUTES AND TRASH CHUTE CHASES SHALL HAVE DRY HEADS.

# DRAWING SYMBOLS

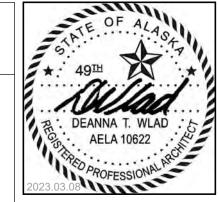
Room name		1	
101	ROOM NAME AND NUMBER	(A2.00)	EXTERIOR ELEVATION
1i	WALL / STOREFRONT TYPE	1	
101	DOOR NUMBER	4 A8.00 2	INTERIOR ELEVATION(S)
(1t)	WINDOW TYPE	3	
N	NORTH ARROW	1 A1.00	BUILDING OR WALL SECTION
1		1 A6.00	DETAIL CALLOUT
A +	GRID REFERENCE LINES	1 View 1/8" = 1'-0"	VIEW TITLE

# **ABBREVIATIONS**

A ABV	ABOVE	DF DIA	DRINKING FOUNTAIN DIAMETER	HDCP HDWR	HANDICAP(PED) HARDWARE	NTS	NOT TO SCALE	SD SECT	STORM DRAIN or SOAP DISPENSER SECTION
ACM	ASBESTOS CONTAINING MATERIAL or	DIFF	DIFFUSER	HM	HOLLOW METAL	0		SF	SQUARE FOOT / FEET or
710111	ALUMINUM COMPOSITE MATERIAL	DIM	DIMENSION	HOR	HORIZONTAL	O/A	OUTSIDE AIR	O,	STROREFRONT
ACOUST	ACOUSTICAL	DN	DOWN	HT	HEIGHT	OC	ON CENTER	SHT	SHEET
ACT	ACOUSTICAL CEILING TILE	DR	DOOR	HVAC	HEATING, VENTILATION and AIR	OD	OUTSIDE DIAMETER	SHTG	SHEATHING
ADDN	ADDITION / ADDITIONAL	DS	DOWNSPOUT		CONDITIONING	OFCI	OWNER FURNISHED-CONTRACTOR	SIM	SIMILAR
ADJ	ADJACENT or ADJUSTABLE	DTL	DETAIL				INSTALLED	SLR	SEALER
AFF	ABOVE FINISHED FLOOR	DWG	DRAWING	I		OFF	OFFICE	SND	SANITARY NAPKIN DISPENSER
AG	AGGREGATE			IBC	INTERNATIONAL BUILDING CODE or	OFOI	OWNER FURNISHED-OWNER	SNR	SANITARY NAPKIN RECEPTACLE
AHU	AIR HANDLING UNIT	Е		105	INSTALLED BY CONTRACTOR	011	INSTALLED	SPEC	SPECIFICATION(S)
ALT	ALTERNATE	(E)	EXISTING	ICB	INTEGRAL COVE BASE	OH	OPPOSITE HAND	SQ	SQUARE
ALUM	ALUMINUM	E	EAST	ID	INSIDE DIAMETER	OH OPG	OVERHEAD OPENING	SS	SOLID SURFACE
ANOD	ANODIZED	EA	EACH	IGL IHM	INSULATED GLAZING INSULATED HOLLOW METAL	OPG	OPPOSITE	SSG	STRUCTURAL SILICONE GLAZED
	( APPROXIMATE(LY)	EIFS	EXTERIOR INSULATION FINISH SYSTEM	IN	INCH	ORD	OVERFLOW ROOF DRAIN	SSK	SERVICE SINK
APSH	ASPHALT ARCHITECT / ARCHITECTURAL	EJ	EXPANSION JOINT	INFO	INFORMATION	ORIG	ORIGINAL	SST	STAINLESS STEEL
ARCH AUTO	AUTOMATIC	EL	ELEVATION	INS	INSULATION or INSULATED	ONO	ONOMAL	ST STA	STAIN STATION
AUTO	AUTOWATIC	ELEC	ELECTRICAL	INT	INTERIOR	Р		STA	STANDARD
В		ELEV	ELEVATOR		INTERIOR .	Р	PAINT	STL	STEEL
BD	BOARD	ENGR	ENGINEER	J		PFB	PREFABRICATED	STOR	STORAGE
BEL	BELOW	EPDM	ETHYLENE PROPYLENE DIENE MONOMER	JAN	JANITOR	PL	PROPERTY LINE	STRUC	STRUCTURE or STRUCTURAL
BET	BETWEEN	EQ	EQUAL	JST	JOIST	PLAM	PLASTIC LAMINATE	SUBST	SUBSTRATE
BIT	BITUMINOUS	EQP	EQUIPMENT	JT	JOINT	PLAS	PLASTER	SYS	SYSTEM
BKT	BRACKET	ER.	EMERGENCY			PLP	PHENOLIC LAMINATE PANEL	- · ·	
BLDG	BUILDING	EXP	EXPANSION	K		PLT	PLATE	Т	
BLK	BLOCK	EXT	EXTERIOR	KD	KNOCKDOWN	PLY	PLYWOOD	T&G	TONGUE AND GROOVE
BLKG	BLOCKING	EXTR	EXTRUDED	KIT	KITCHEN	PNL	PANEL	TB	TOWEL BAR
ВМ	BEAM			KO	KNOCKOUT	PRCST	PRECAST	ТВ	THERMAL BREAK / TACK BOARD
ВО	BOTTOM OF	F		KPL	KICK PLATE	PREFIN	PREFINISHED	TEL	TELEPHONE
BOD	BASIS OF DESIGN	FA	FIRE ALARM			PROJ	PROJECT	TEMP	TEMPERATURE
BOT	BOTTOM	FAB	FABRICATE(D)	L		PT	POST-TENSIONED or PORCELAIN TILE	THK	THICK or THICKNESS
BSMT	BASEMENT	FACP	FIRE ALARM CONTROL PANEL	L	LEFT	PTD	PAPER TOWEL DISPENSER	THRU	THROUGH
		FAS	FASTEN(ER)	LAB	LABORATORY	PTDR	PAPER TOWEL DISPENSER AND RECEPTACLE	TO	TOP OF
С		FD	FLOOR DRAIN	LAM	LAMINATE	PTN	PARTITION	TPD	TOILET PAPER DISPENSER
CAB	CABINET	FDC	FIRE DEPARTMENT CONNECTION	LAV	LAVATORY	PTR	PAPER TOWEL RECEPTACLE	TPO	THERMOPLASTIC POLYOLEFIN
CB	CHALK BOARD	FDN	FOUNDATION	LBL	LABEL	PV	PAVEMENT	TPTN	TOILET PARTITION
CBB	CEMENT BACKER BOARD	FE	FIRE EXTINGUISHER	LED	LIGHT EMITTING DIODE	PVC	POLYVINYL CHLORIDE	TS	TUBE STEEL
CCTV	CLOSED CIRCUIT TELEVISION	FEC	FIRE EXTINGUISHER CABINET	LF LKR	LINEAR FOOT / FEET LOCKER	1 00	I DET VINTE CHECKIDE	TSTAT	THERMOSTAT
CEM	CEMENT	FF	FACTORY FINISHED	LKK LT	LIGHT	Q		TYP	TYPICAL
CFL	COUNTERFLASHING	FFL	FINISHED FLOOR LINE	LVR	LOUVER	Q.T.	QUARRY TILE		
CG	CORNER GUARD	FG	FIBERGLASS	LVIX	LOOVER	α	QO/WWW FIELD	U	
CJ	CONTROL JOINT	FHC	FIRE HOSE CABINET	М		R		UH	UNIT HEATER
CK	CAULK(ING) CENTERLINE	FIG FIN	FIGURE FINISH(ED)	MA	MEDICAL AIR	R/A	RETURN AIR	UL UNF	UNDERWRITER'S LABORATORY UNFINISHED
CL CLG	CEILING		FINISH FLOOR	MAN	MANUAL	RAD	RADIUS	UNO	UNLESS NOTED OTHERWISE
CLG	CONTRACT LIMIT LINE	FIN GR	FINISH GRADE	MAS	MASONRY	RB	RUBBER / RUBBER BASE	UON	UNLESS OTHERWISE NOTED
CLO	CLOSET	FIXT	FIXTURE	MAT	MATERIAL	RCP	REFLECTED CEILING PLAN	UOS	UNLESS OTHERWISE SPECIFIED
CLR	CLEAR	FLUR	FLUORESCENT	MAX	MAXIMUM	RD	ROOF DRAIN	000	CIVELOG OTTIERWIGE OF EOILIED
CMU	CONCRETE MASONRY UNIT	FO	FACE OF	MDF	MEDIUM DENSITY FIBERBOARD	REF	REFER TO or REFERENCE	V	
CNTR	COUNTER	FPRF	FIRE PROOFING	MDO	MEDIUM DENSITY OVERLAY	REFR	REFRIGERATOR or REFRIGERATED	VAC	VACUUM
CO	CLEAN OUT	FR	FIRE RESISTIVE	MECH	MECHANICAL	REQ	REQUIRED	VAR	VARIES
COL	COLUMN	FRP	FIBERGLASS REINFORCED PANEL(ING)	MEP	MECHANICAL, ELECTRICAL and	RES	RESILIENT	VCT	VINYL COMPOSITION TILE
COMM	COMMUNICATION	FRT	FIRE RETARDANT TREATED		PLUMBING	REV	REVISE, REVISED or REVISION	VERT	VERTICAL
CONC	CONCRETE	FT	FOOT / FEET	MEZZ	MEZZANINE	RF	RESILIENT FLOORING	VEST	VESTIBULE
CONT	CONTINUOUS	FTG	FOOTING	MFG	MANUFACTURER	RFL	REFLECTED	VFY	VERIFY
COORD	COORDINATE	FURR	FURRING	MILWK	MILLWORK	RHK	ROBE HOOK	VIF	VERIFY IN FIELD
CORR	CORRIDOR			MIN	MINIMUM	RL	RAIN LEADER	VIN	VINYL
CPT	CARPET	G		MIR	MIRROR	RM	ROOM	VR	VAPOR RETARDER
CSMT	CASEMENT	GA	GAUGE	MISC	MISCELLANEOUS	RND	ROUND	VWC	VINYL WALL COVERING
CT	CERAMIC TILE	GALV	GALVANIZED	MO	MASONRY OPENING	RO	ROUGH OPENING		
CTR	CENTER	GB	GRAB BAR	MP	METAL PANEL	ROD	ROOF OVERFLOW DRAIN	W	
CU	CUBIC	GC	GENERAL CONTRACTOR	MTL	METAL	RTR	RUBBER TREAD AND RISER	W	WEST
CUH	CABINET UNIT HEATER	GD	GRADE	<b>k</b> 1		RTU	ROOF TOP UNIT	W/	WITH
CW	CURTAIN WALL	GL	GLASS or GLAZING	N	NODTH	0		W/O	WITHOUT
		GLB	GLULAM BEAM	N N/A	NORTH	S	COUTU	WC	WATER CLOSET
D		GWB	GYPSUM WALLBOARD	N/A	NOT APPLICABLE	S	SOUTH	WD	WOOD
D	DRAIN or DATA or DEPTH	GYP	GYPSUM	NFS	NON FROST SUSCEPTABLE	S/A	SUPPLY AIR	WIN	WINDOW
DBL	DOUBLE			NIC	NOT IN CONTRACT	SC	SOLID CORE	WPT	WORKING POINT
DEG	DEGREE	Н		NO	NUMBER	SCD	SEAT COVER DISPENSER	WR	WASTE RECEPTACLE
DEMO	DEMOLITION	HB	HOSE BIB	NOM	NOMINAL NON BATED	SCHED	SCHEDULE SOLID CORE WOOD	WSCT	WAINSCOT
DEPT	DEPARTMENT	HC	HOLLOW CORE	NR	NON RATED	SCW	SOLID CORE WOOD	WT	WEIGHT
								WWF	WELDED WIRE FABRIC

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CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

design, llc
street, suite 301
slaska suite 301
slaska suite 301
slaska

Spa

hitecture • interiors • designate of the cordova street, suite shorage, alaska f. 907.77

COOK INLET HOUSING AUTHORITY
BREWSTERS MULTI-FAMILY HOUSING

SKA

REVISION SCHEDULE

DESCRIPTION DAT

JOB NO. 22-018
DATE 2023.03.08
DRAWN DN
REVIEWED DTW

SHEET NAME GENERAL INFORMATION, ABBREVIATIONS AND SYMBOLS

SHEET NO

G0.01

### **CHAPTER 3 OCCUPANCY CLASSIFICATION AND USE**

**304.1 BUSINESS GROUP B.** GROUP B OCCUPANCY INCLUDES THE USE OF A BUILDING OR STRUCTURE OR PORTION THEREOF, FOR OFFICE, PROFESSIONAL OR SERVICE-TYPE BUSINESS OCCUPANCIES SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING: PROFESSIONAL SERVICES.

**311.1.1 ACCESSORY STORAGE SPACES.** A ROOM OR SPACE USED FOR STORAGE PURPOSES THAT IS ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS PART OF THAT OCCUPANCY.

311.2 MODERATE-HAZARD STORAGE, GROUP S-1. STORAGE GROUP S-1 OCCUPANCIES

BUILDING SHALL BE CONSTRUCTED AS FIRE PARTITIONS PER SECTION 708.

310.3 RESIDENTIAL GROUP R-2. GROUP R-2 OCCUPANCIES CONTAINING MORE THAN TWO DWELLING UNITS WHERE OCCUPANTS ARE PRIMARILY PERMANENT IN NATURE, INCLUDING APARTMENTS.

#### CHAPTER 4 SPECIAL DETAILED REQUIREMENTS BASED ON OCCUPANCY AND USE 420.2 SEPARATION WALLS. WALLS SEPARATING DWELLING UNITS IN THE SAME BUILDING AND WALLS SEPARATING DWELLING UNITS FROM OTHER OCCUPANCIES CONTIGUOUS TO THEM IN THE SAME

420.3 HORIZONTAL SEPARATION. FLOOR ASSEMBLIES SEPARATING DWELLING UNITS IN THE SAME BUILDINGS AND FLOOR ASSEMBLIES SEPARATING DWELLING OR SLEEPING UNITS FROM OTHER OCCUPANCIES CONTIGUOUS TO THEM IN THE SAME BUILDING SHALL BE CONSTRUCTED AS HORIZONTAL ASSEMBLIES IN ACCORDANCE WITH SECTION 711.

420.4 AUTOMATIC SPRINKLER SYSTEM. GROUP R OCCUPANCIES SHALL BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM PER 903.2.8. QUICK-RESPONSE OR RESIDENTIAL AUTOMATIC SPRINKLERS SHALL BE INSTALLED PER 903.3.2.

420.5 FIRE ALARM SYSTEMS AND SMOKE ALARMS. FIRE ALARM SYSTEMS AND SMOKE ALARMS SHALL BE PROVIDED IN GROUP R-2 OCCUPANCIES PER 907.2.6, 907.2.8, AND 907.2.9 RESPECTIVELY. SINGLE-OR MULTIPLE-STATION SMOKE ALARMS SHALL BE PROVIDED IN GROUP R-2 PER 907.2.10.

420.9 GROUP R COOKING FACILITIES. IN GROUP R OCCUPANCIES, COOKING APPLIANCES USED FOR DOMESTIC COOKING OPERATIONS SHALL BE IN ACCORDANCE WITH SECTION 917.2 OF THE IMC.

# CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS

# **SECTION 504 BUILDING HEIGHT AND NUMBER OF STORIES**

TABLE 504.3 ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE • OCCUPANCY: R-2 | TYPE OF CONSTRUCTION: VB = 60' HEIGHT ALLOWED WITH NFPA 13 OR 13R

#### TABLE 504.4 ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE. • OCCUPANCY: R-2 | TYPE OF CONSTRUCTION: VB = 3 STORIES ALLOWED WITH NFPA 13 OR 13R

# TABLE 506.2 ALLOWABLE AREA FACTOR IN SQUARE FEET

• OCCUPANCY CLASSIFICATION: R-2 | TYPE OF CONSTRUCTION: VB | SPRINKLER SYSTEM: NFPA 13 OR 13R = 21,000 SQUARE FEET | 7,000 SQUARE FEET (13R ALLOWED WITH FRONTAGE INCREASE)

506.2.4 MIXED OCCUPANCY MULTISTORY BUILDINGS (SENIOR). EACH STORY OF A MIXED-OCCUPANCY BUILDING WITH MORE THAN ONE STORY ABOVE GRADE PLANE SHALL INDIVIDUALLY COMPLY WITH THE APPLICABLE REQUIREMENTS OF SECTION 508.1.

# EQUATION 5-3 Aa = $[At + (NS \times If)]$

 $= [21,000 + (7,000 \times .5667)]$  OR  $[7,000 + (7,000 \times .5667)]$ = 24,966.9 SQUARE FEET OR 10,967 SQUARE FEET

506.3 FRONTAGE INCREASE. EVERY BUILDING SHALL ADJOIN OR HAVE ACCESS TO A PUBLIC WAY TO RECEIVE AN AREA FACTOR INCREASE BASED ON FRONTAGE. AREA FACTOR INCREASE SHALL BE DETERMINED IN ACCORDANCE WITH SECTIONS 506.3.1 THROUGH 506.3.3.

**506.3.1 MINIMUM PERCENTAGE OF PERIMETER.** TO QUALIFY FOR AN AREA FACTOR INCREASE BASED ON FRONTAGE, A BUILDING SHALL NOT HAVE LESS THAN 25% OF ITS PERIMETER ON A PUBLIC WAY OR OPEN SPACE. SUCH OPEN SPACE SHALL BE EITHER ON THE SAME LOT OR DEDICATED FOR PUBLIC USE AND SHALL BE ACCESSED FROM A STREET OR APPROVED FIRE LANE

# **506.3.2 MINIMUM FRONTAGE DISTANCE**. TO QUALIFY FOR AN AREA FACTOR BASED ON FRONTAGE THE PUBLIC WAY ADJACENT TO THE BUILDING PERIMETER SHALL HAVE A MIN DISTANCE (W) OF 20' MEASURED AT RIGHT ANGLES FROM THE BUILDING FACE TO ANY OF THE FOLLOWING:

 THE CLOSEST INTERIOR LOT LINE. 2. THE ENTIRE WIDTH OF A STREET, ALLEY OR PUBLIC WAY.

WHERE THE VALUE OF W IS GREATER THAN 30', A VALUE OF 30' SHALL BE USED IN CALCULATING THE BUILDING AREA INCREASE BASED ON FRONTAGE, REGARDLESS OF THE ACTUAL WIDTH. NORTH (RICHMOND) = 30'

EAST (BRAGAW) = 30'

SOUTH (PARKING) = 30' (PROPERTY LINE) = N/A

# **506.3.3 AMOUNT OF INCREASE.**

EQUATION 5-5: IF = [F/P – 0.25] W / 30 F = (114.5' + 65.75' + 112.75') = 293' (N+E+S ELEVATIONS)

P = 358.75W = 30'

IF = (293'/358.75' - 0.25) 30/30 = 0.5667

# **SECTION 508 MIXED USE AND OCCUPANCY**

508.1 GENERAL. EACH PORTION OF A BUILDING SHALL BE INDIVIDUALLY CLASSIFIED IN ACCORDANCE WITH SECTION 302.1. WHERE A BUILDING CONTAINS MORE THAN ONE OCCUPANCY GROUP, THE BUILDING OR PORTION THEREOF SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF 508.2, 508.3, 508.4 OR A COMBINATION OF THESE SECTIONS.

**508.2 ACCESSORY OCCUPANCIES.** ACCESSORY OCCUPANCIES ARE THOSE OCCUPANCIES THAT ARE ANCILLARY TO THE MAIN OCCUPANCY OF THE BUILDING OR PORTION THEREOF. ACCESSORY OCCUPANCIES SHALL COMPLY WITH SECTIONS 508.2.1 THROUGH 508.2.4.

**508.2.1 OCCUPANCY CLASSIFICATION.** ACCESSORY OCCUPANCIES SHALL BE INDIVIDUALLY CLASSIFIED PER SECTION 302.1. THE REQUIREMENTS OF THIS CODE SHALL APPLY TO EACH PORTION OF THE BUILDING BASED ON THE OCCUPANCY CLASSIFICATION OF THAT SPACE.

**508.2.4 SEPARATION OF OCCUPANCIES**. NO SEPARATION IS REQUIRED BETWEEN ACCESSORY OCCUPANCIES AND THE MAIN OCCUPANCY.

**EXCEPTION 2.** GROUP R-2 DWELLING UNITS SHALL BE SEPARATED PER SECTION 420.

508.4 SEPARATED OCCUPANCIES. BUILDINGS OR PORTIONS OF BUILDINGS THAT COMPLY WITH THE PROVISIONS OF THIS SECTION SHALL BE CONSIDERED AS SEPARATED OCCUPANCIES.

508.4.1 OCCUPANCY CLASSIFICATION. SEPARATED OCCUPANCIES SHALL BE INDIVIDUALLY CLASSIFIED PER SECTION 302.1. THE MOST RESTRICTIVE PROVISIONS OF CHAPTER 9 APPLY TO THE SEPARATED OCCUPANCY AREAS.

508.4.2 ALLOWABLE BUILDING AREA. IN EACH STORY, THE BUILDING AREA SHALL BE SUCH THAT THE SUM OF THE RATIOS OF THE ACTUAL BUILDING AREA OF EACH SEPARATED OCCUPANCY DIVIDED BY THE ALLOWABLE BUILDING AREA OF EACH SEPARATED OCCUPANCY SHALL NOT EXCEED 1.

508.4.3 ALLOWABLE BUILDING HEIGHT AND NUMBER OF STORIES. EACH SEPARATED OCCUPANCY SHALL COMPLY WITH THE BUILDING HEIGHT LIMITATIONS AND STORY LIMITATIONS BASED ON THE TYPE OF CONSTRUCTION OF THE BUILDING IN ACCORDANCE WITH SECTION 503.1.

# TABLE 508.4 REQUIRED SEPARATION OF OCCUPANCIES (HOURS)

R TO S-1 (SPRINKLERED) = 1 HOUR R TO B (SPRINKLERED) = 1 HOUR

### **SECTION 509 INCIDENTAL USES.**

LAUNDRY ROOMS OVER 100 SF (VERIFYING EQUIPMENT WITH RSA)

#### **CHAPTER 6 TYPES OF CONSTRUCTION** TABLE 601 FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS) **CONSTRUCTION TYPE VB:**

 PRIMARY STRUCTURAL FRAME: BEARING WALLS – INTERIOR: 0 HOURS BEARING WALLS – EXTERIOR: 0 HOURS NONBEARING WALLS AND PARTITIONS – INTERIOR: 0 HOURS

FLOOR CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS: 0 HOURS

ROOF CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS: 0 HOURS

TABLE 602 FIRE-RESISTANCE RATING FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE TYPE OF CONSTRUCTION: VB | OCCUPANCY GROUP: R-2

0 HOURS X ≥ 30 FEET =

# CHAPTER 7 FIRE AND SMOKE PROTECTION FEATURES

705.2 PROJECTIONS. EAVE OVERHANGS AND SIMILAR PROJECTIONS EXTENDING BEYOND THE EXTERIOR WALL SHALL CONFORM TO THE REQUIREMENTS OF THIS SECTION AND SECTION 1405. PROJECTIONS SHALL NOT EXTEND ANY CLOSER TO THE LINE USED TO DETERMINE THE FIRE SEPARATION DISTANCE THAN SHOW IN TABLE 705.2.

### 705.8.1 ALLOWABLE AREA OF OPENINGS.

**EXCEPTION 2:** BUILDINGS WHOSE EXTERIOR BEARING WALLS, EXTERIOR NONBEARING WALLS AND EXTERIOR PRIMARY STRUCTURAL FRAME ARE NOT REQUIRED TO BE FIRE-RESISTANCE RATED SHALL BE PERMITTED TO HAVE UNLIMITED UNPROTECTED OPENINGS.

# TABLE 705.8 MAX AREA OF EXT OPENINGS BASED ON FIRE SEPARATION DISTANCE

• 10' TO LESS THAN 15', UNPROTECTED, SPRINKLERED: 45% ALLOWABLE (EAST ELEVATION) 30' OR GREATER, UNPROTECTED, SPRINKLERED:

705.8.3 UNPROTECTED OPENINGS. WHERE UNPROTECTED OPENINGS ARE PERMITTED, WINDOWS & DOORS SHALL BE OF ANY APPROVED MATERIALS. GLAZING SHALL CONFORM TO CHAPTERS 24 & 26.

705.8.5 VERTICAL SEPARATION OF OPENINGS. **EXCEPTION 1:** THIS SECTION SHALL NOT APPLY TO BUILDINGS 3 STORIES OR LESS ABOVE GRADE

# **SECTION 707 FIRE BARRIERS**

707.3.1 SHAFT ENCLOSURES. THE FIRE-RESISTANCE RATING OF THE FIRE BARRIER SEPARATING BUILDING AREAS FROM A SHAFT SHALL COMPLY WITH 713.4.

707.3.7 INCIDENTAL USES. THE FIRE BARRIER SEPARATING INCIDENTAL USES FROM OTHER SPACES SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN THAT INDICATED IN TABLE 509.

707.3.9 SEPARATED OCCUPANCIES. WHERE PROVISIONS OF SECTION 508.4 ARE APPLICABLE, THE FIRE BARRIER SEPARATING MIXED OCCUPANCIES SHALL COMPLY WITH TABLE 508.4.

707.5 CONTINUITY. FIRE BARRIERS SHALL EXTEND FROM THE T.O. FOUNDATION OR FLOOR/CEILING ASSEMBLY BELOW TO THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING, SLAB OR DECK ABOVE & SHALL BE SECURELY ATTACHED THERETO. SUCH FIRE BARRIERS SHALL BE CONTINUOUS THROUGH CONCEALED SPACE. JOINTS & VOIDS AT INTERSECTIONS SHALL COMPLY W/ SECTIONS 707.8 & 707.9.

**EXCEPTION 1:** SHAFT ENCLOSURES SHALL BE PERMITTED TO TERMINATE AT A TOP ENCLOSURE COMPLYING WITH SECTION 713.12

707.5.1 SUPPORTING CONSTRUCTION. SUPPORTING CONSTRUCTION FOR A FIRE BARRIER SHALL BE PROTECTED TO AFFORD THE REQUIRED RATING OF THE FIRE BARRIER SUPPORTED. HOLLOW VERT SPACES WITHIN A FIRE BARRIER SHALL BE FIREBLOCKED PER 718.2 AT EVERY FLOOR LEVEL.

EXCEPTION 2: SUPPORTING CONSTRUCTION FOR 1-HOUR FIRE BARRIERS REQUIRED BY TABLE 509 IN BUILDINGS OF TYPE VB CONSTRUCTION IS NOT REQUIRED TO BE FIRE-RESISTANCE RATED UNLESS REQUIRED BY OTHER SECTIONS OF THIS CODE.

707.6 OPENINGS. OPENINGS IN A FIRE BARRIER SHALL BE PROTECTED PER SECTION 716. OPENINGS SHALL BE LIMITED TO A MAX AGGREGATE WIDTH OF 25% OF THE LENGTH OF THE WALL & THE MAX AREA OF ANY SINGLE OPENING SHALL NOT EXCEED 156 SQ FT.

EXCEPTION 1. OPENINGS SHALL NOT BE LIMITED TO 156 SQ FT WHERE ADJOINING FLOOR AREAS ARE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM PER 903.3.1.1

707.7 PENETRATIONS. PENETRATIONS OF FIRE BARRIERS SHALL COMPLY WITH SECTION 714.

EXCEPTION 1. OPENINGS SHALL NOT BE LIMITED TO 156 SQ FT WHERE ADJOINING FLOOR AREAS ARE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM PER 903.3.1.1

708.1 GENERAL. THE FOLLOWING WALL ASSEMBLIES SHALL COMPLY WITH THIS SECTION. 1. SEPARATION WALLS AS REQUIRE BY SECTION 420.2 FOR GROUP R OCCUPANCIES. 3. CORRIDOR WALLS AS REQUIRED BY SECTION 1020.1

708.3 FIRE-RESISTANCE RATING. FIRE PARTITIONS SHALL HAVE A RATING OF NOT LESS THAN 1 HOUR.

708.4 CONTINUITY. FIRE PARTITIONS SHALL EXTEND FROM THE T.O. FOUNDATION OR FLOOR / CEILING ASSEMBLY BELOW AND BE SECURELY ATTACHED TO ONE OF THE FOLLOWING:

1. THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING, DECK OR SLAB ABOVE 2. THE UNDERSIDE OF A FLOOR/CEILING OR ROOF/CEILING ASSEMBLY HAVING A FIRE-RESISTANCE RATING NOT LESS THAN THE FIRE-RESISTANCE RATING OF THE FIRE PARTITION.

708.4.1 SUPPORTING CONSTRUCTION. SUPPORTING CONSTRUCTION FOR A FIRE PARTITION SHALL HAVE A FIRE RATING EQUAL TO OR GREATER THAN THE REQUIRED RATING OF THE FIRE PARTITION.

708.4.2 FIREBLOCKS AND DRAFTSOPS IN COMBUSTIBLE CONSTRUCTION. IN COMBUSTIBLE CONSTRUCTION WHERE FIRE PARTITIONS DO NOT EXTEND TO THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING, DECK OR SLAB ABOVE, THE SPACE ABOVE AND ALONG THE LINE OF THE FIRE PARTITION SHALL BE PROVIDED WITH ONE OF THE FOLLOWING:

1. FIREBLOCKING UP TO THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING. DECK OR SLAB

ABOVE USING MATERIALS COMPLYING WITH SECTION 718.2.1. 2. DRAFTSTOPPING UP TO THE UNDERSIDE OF THE FLOOR OR ROOF SHEATHING, DECK OR SLAB ABOVE USING MATERIALS PER SECT 718.3.1 FOR FLOORS OR SECT 718.4.1 FOR ATTICS.

**EXCEPTION 2:** WHERE CORRIDOR WALLS PROVIDE A DWELLING UNIT SEPARATION, DRAFTSTOPPING SHALL ONLY BE REQUIRED ABOVE THE CORRIDOR WALLS.

#### SECTION 711 FLOOR AND ROOF ASSEMBLIES 711.2.3 SUPPORTING CONSTRUCTION. THE SUPPORTING CONSTRUCTION SHALL BE PROTECTED TO AFFORD THE REQUIRED FIRE-RESISTANCE RATING OF THE HORIZONTAL ASSEMBLY SUPPORTED.

**EXCEPTION:** IN BUILDINGS OF TYPE VB CONSTRUCTION, THE CONSTRUCTION SUPPORTING THE HORIZONTAL ASSEMBLY IS NOT REQUIRED TO BE FIRE-RESISTANCE RATED AT THE FOLLOWING:

1. HORIZ ASSEMBLIES AT THE SEPARATIONS OF INCIDENTAL USES AS SPECIFIED BY TABLE 509 PROVIDED THAT THE REQUIRED FIRE-RESISTANCE RATING DOES NOT EXCEED 1 HOUR. 2. HORIZ ASSEMBLIES AT THE SEPARATIONS OF DWELLING UNITS PER SECTION 420.3.

711.2.4 FIRE-RESISTANCE RATING. THE FIRE RATING OF HORIZ ASSEMBLIES SHALL COMPLY W/ SECT 711.2.4.1 - 711.2.4.6 BUT NOT LESS THAN THAT REQUIRED BY THE BUILDING TYPE OF CONSTRUCTION.

711.2.4.1 SEPARATING MIXED OCCUPANCIES. WHERE THE HORIZONTAL ASSEMBLY SEPARATES MIXED OCCUPANCIES, THE ASSEMBLY SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN THAT REQUIRED BY SECTION 508.4 BASED ON THE OCCUPANCIES BEING SEPARATED.

711.2.4.3 DWELLING UNITS AND SLEEPING UNITS. HORIZ ASSEMBLIES SERVING AS DWELLING UNIT SEPARATIONS PER SECT 420.3 SHALL NOT BE LESS THAN 1-HR FIRE-RATED CONSTRUCTION.

EXCEPTION: HORIZ ASSEMBLIES SEPARATING DWELLING UNITS SHALL BE NOT LESS THAN ½-HR FIRE-RATED CONSTRUCTION IN A BUILDING OF TYPE VB CONSTRUCTION, WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM PER SECTION 903.3.1.1.

### **SECTION 713 SHAFT ENCLOSURES**

713.2 CONSTRUCTION. SHAFT ENCLOSURES SHALL BE CONSTRUCTED AS FIRE BARRIERS PER SECTION 707 OR HORIZONTAL ASSEMBLIES IN ACCORDANCE WITH SECTION 711 OR BOTH.

713.4 FIRE-RESISTANCE RATING. SHAFT ENCLOSURES SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 1-HR WHERE CONNECTING LESS THAN 4 STORIES. SHAFT ENCLOSURES SHALL HAVE A FIRE RESISTANCE RATING NOT LESS THAN THE FLOOR ASSEMBLY PENETRATED.

#### 713.11 ENCLOSURE AT THE BOTTOM. SHAFTS THAT DO NOT EXTEND TO THE BOTTOM OF THE BUILDING OR STRUCTURE SHALL COMPLY WITH ONE OF THE FOLLOWING.

- SHALL BE ENCLOSED AT LOWEST LEVEL W/ CONSTRUCTION OF THE SAME FIRE RATING. SHALL TERMINATE IN A ROOM W/ A USE RELATED & THAT ROOM SHALL BE SEPARATED FROM
- THE BUILDING BY FIRE BARRIERS PER 707 OR HORIZ ASSEMBLIES PER 711 OR BOTH.

#### **SECTION 716 OPENING PROTECTIVES** TABLE 716.1(2) OPENING FIRE PROTECTION ASSEMBLIES, RATINGS AND MARKINGS

1-HOUR FIRE BARRIERS = 1-HOUR (60 MINUTES)

1/2- HOUR FIRE PARTITION CORRIDOR = 1/3- HOUR (20 MINUTES) 1-HOUR FIRE PARTITION = ¾-HOUR (45 MINUTES) 1/2-HOUR FIRE PARTITION = 1/3-HOUR (20 MINUTES)

#### **CHAPTER 8 INTERIOR FINISHES**

802.7 FOAM PLASTICS. FOAM PLASTICS SHALL NOT BE USED AS INTERIOR FINISH EXCEPT AS PROVIDED IN SECT 803.4. FOAM PLASTICS SHALL NOT BE USED AS INTERIOR TRIM EXCEPT AS PROVIDED IN SECT 806.5 OR 2604.2. THIS SECTION SHALL APPLY TO BOTH EXPOSED FOAM PLASTICS AND TO FOAM PLASTICS USED IN CONJUNCTION WITH A TEXTILE OR VINYL FACING OR COVER.

**SECTION 803 WALL AND CEILING FINISHES** TABLE 803.13 INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY GROUP R-2: SPRINKLERED

INTERIOR EXIT STAIRWAYS AND EXIT PASSAGEWAYS: CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS: C ROOMS AND ENCLOSED SPACES: GROUP B: SPRINKLERED ROOMS AND ENCLOSED SPACES: GROUP S: SPRINKLERED ROOMS AND ENCLOSED SPACES:

# CHAPTER 9 FIRE PROTECTION AND LIFE SAFETY SYSTEMS

903 AUTOMATIC SPRINKLER SYSTEMS. 903.2.8 GROUP R. AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3 SHALL BE PROVIDED THROUGHOUT ALL BUILDINGS WITH A GROUP 'R' FIRE AREA.

903.3 INSTALLATION REQUIREMENTS. AUTOMATIC SPRINKLER SYSTEMS SHALL BE DESIGNED AND INSTALLED PER SECTIONS 903.3.1 THROUGH 903.3.8.

903.3.1.1 NFPA 13 SPRINKLER SYSTEMS. WHERE THE PROVISIONS OF THIS CODE REQUIRE THAT A BUILDING OR PORTION THEREOF BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM PER THIS SECTION, SPRINKLERS SHALL BE INSTALLED THROUGHOUT PER NFPA 13 EXCEPT AS PROVIDED IN SECTIONS 903.3.1.1.1 AND 903.3.1.1.2

903.3.2 QUICK-RESPONSE AND RESIDENTIAL SPRINKLERS. WHERE AUTOMATIC SPRINKLER SYSTEMS ARE REQUIRED BY THIS CODE, QUICK-RESPONSE OR RESIDENTIAL AUTOMATIC SPRINKLERS SHALL BE INSTALLED IN ALL OF THE FOLLOWING AREA IN ACCORDANCE WITH 903.3.1 AND THEIR LISTINGS: 3. DWELLING UNITS AND SLEEPING UNITS IN GROUP R OCCUPANCIES.

903.3.1.2 NFPA 13R SPRINKLER SYSTEM. AUTOMATIC SPRINKLER SYSTEMS IN GROUP R OCCUPANCIES UP TO AND INCLUDING 4 STORIES IN HEIGHT IN BUILDINGS NOT EXCEEDING 60' IN HEIGHT SHALL BE PERMITTED TO BE INSTALLED THROUGHOUT IN ACCORDANCE WITH NFPA 13R.

# 906 PORTABLE FIRE EXTINGUISHERS

906.1 WHERE REQUIRED. PORTABLE FIRE EXTINGUISHERS SHALL BE INSTALLED IN R-2 OCCUPANCIES

# 907 FIRE ALARM AND DETECTION SYSTEMS

907.2 WHERE REQUIRED - NEW BUILDINGS AND STRUCTURES. **EXCEPTION 2:** THE MANUAL FIRE ALARM BOX IS NOT REQUIRED FOR GROUP R-2 OCCUPANCIES UNLESS REQUIRED BY THE FIRE CODE OFFICIAL TO PROVIDE A MEANS FOR FIRE WATCH PERSONNEL TO INITIATE AN ALARM DURING A SPRINKLER SYSTEM IMPAIRMENT EVENT. WHERE PROVIDED, THE

907,2,9 GROUP R-2, FIRE ALARM SYSTEMS AND SMOKE ALARMS SHALL BE INSTALLED IN GROUP R-2 OCCUPANCIES AS REQUIRED IN SECTIONS 907.2.9.1 THROUGH 907.2.9.3.

#### 907.2.9.1 MANUAL FIRE ALARM SYSTEM. A MANUAL FIRE ALARM SYSTEM SHALL BE INSTALLED IN GROUP R-2 OCCUPANCIES WHERE THE

MANUAL FIRE ALARM BOX SHALL NOT BE LOCATED IN AN AREA THAT IS OPEN TO THE PUBLIC.

BUILDING CONTAINS MORE THAN 16 DWELLING UNITS. EXCEPTION 2: MANUAL FIRE ALARM NOT REQUIRED WHERE A BLDG IS EQUIPPED THROUGHOUT W/ AN AUTOMATIC SPRINKLER SYSTEM PER SECT 903.3.1.1 OR SECT 903.3.1.2 & THE OCCUPANT

NOTIFICATION APPLIANCE WILL AUTOMATICALLY ACTIVATE UPON SPRINKLER WATER FLOW. 907.2.10.2 GROUP R-2. SINGLE- OR MULTIPLE-STATION SMOKE ALARMS SHALL BE INSTALLED & MAINTAINED IN GROUP R-2 REGARDLESS OF OCCUPANT LOAD AT THE FOLLOWING LOCATIONS:

1. ON THE CEILING/WALL OUTSIDE EACH SLEEPING AREA IN IMMEDIATE VICINITY OF BEDROOM. 2. IN EACH ROOM USED FOR SLEEPING PURPOSES. 907.2.10.3 INSTALLATION NEAR COOKING APPLIANCES. SMOKE ALARMS SHALL NOT BE INSTALLED IN

THE FOLLOWING LOCATIONS UNLESS THIS WOULD PREVENT PLACEMENT OF A SMOKE ALARM IN A LOCATION REQUIRED BY SECTION 907.2.10.1 OR 907.2.10.2. 907.2.10.4 INSTALLATION NEAR BATHROOMS. SMOKE ALARMS SHALL BE INSTALLED NOT LESS THAN

3' HORIZONTALLY FROM THE DOOR/OPENING OF A BATHROOM CONTAINING A BATHTUB OR SHOWER

UNLESS THIS PREVENTS PLACEMENT OF A SMOKE ALARM REQUIRED BY SECT 907.2.10.1 OR 907.2.10.2.

907.2.10.5 INTERCONNECTION. WHERE MORE THAN 1 SMOKE ALARM IS REQUIRED W/I AN INDIVIDUAL DWELLING UNIT, THE SMOKE ALARMS SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTIVATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL UNIT. PHYSICAL INTERCONNECTION SHALL NOT BE REQUIRED WHERE LISTED WIRELESS ALARMS ARE INSTALLED & ALL ALARMS SOUND UPON ACTIVATION OF ONE ALARM. THE ALARM SHALL BE CLEARLY AUDIBLE IN

907.2.10.7 SMOKE DETECTION SYSTEM. SMOKE DETECTORS LISTED IN ACCORDANCE W/ UL 268 & PROVIDED AS PART OF THE BLDG FIRE ALARM SYSTEM SHALL BE AN ACCEPTABLE ALTERNATIVE TO SINGLE- AND MULTIPLE-STATION SMOKE ALARMS & SHALL COMPLY WITH THE FOLLOWING:

. THE FIRE ALARM SYSTEM SHALL COMPLY WITH SECTION 907. ACTIVATION OF SMOKE DETECTOR IN A DWELLING UNIT SHALL INITIATE ALARM NOTIFICATION IN THE DWELLING UNIT PER SECTION 907.5.2.

ALL BEDROOMS OVER BACKGROUND NOISE LEVELS W/ ALL INTERVENING DOORS CLOSED.

ACTIVATION OF A SMOKE DETECTOR IN A DWELLING UNIT SHALL NOT ACTIVATE ALARM NOTIFICATION APPLIANCES OUTSIDE OF THE DWELLING UNIT, PROVIDED THAT A SUPERVISORY SIGNAL IS GENERATED AND MONITORED PER SECTION 907.6.6.

907.5 OCCUPANT NOTIFICATION SYSTEMS. A FIRE ALARM SYSTEM SHALL ANNUNCIATE AT THE FIRE ALARM CONTROL UNIT & SHALL INITIATE OCCUPANT NOTIFICATION UPON ACTIVATION, PER SECTIONS 907.5.1 - 907.5.2.3.3. WHERE A FIRE ALARM SYSTEM IS REQUIRED BY ANOTHER SECTION, IT SHALL BE **ACTIVATED BY:** 

AUTOMATIC FIRE DETECTORS

907.5.2 ALARM NOTIFICATION APPLIANCES.

- AUTOMATIC SPRINKLER SYSTEM WATERFLOW INDICATORS 3. MANUAL FIRE ALARM BOXES
- 4. AUTOMATIC FIRE EXTINGUISHING SYSTEMS

907.5.2.1 AUDIBLE ALARMS. AUDIBLE ALARM NOTIFICATION APPLIANCES SHALL BE PROVIDED AND EMIT A DISTINCTIVE SOUND THAT IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN A FIRE ALARM 907.5.2.3.3 GROUP R-2. IN GROUP R-2 OCCUPANCIES REQUIRED BY SECT 907 TO HAVE A FIRE ALARM SYSTEM, EACH STORY THAT CONTAINS DWELLING UNITS SHALL BE PROVIDED WITH THE CAPABILITY TO SUPPORT VISIBLE ALARM NOTIFICATION APPLIANCES PER CHAPTER 10 OF IIC A117.1. SUCH CAPABILITY SHALL ACCOMMODATE WIRED OR WIRELESS EQUIPMENT. THE FUTURE CAPABILITY SHALL INCLUDE ONE OF THE FOLLOWING:

1. THE INTERCONNECTION OF THE BLDG FIRE ALARM SYSTEM WITH THE UNIT SMOKE ALARMS. 2. THE REPLACEMENT OF AUDIBLE APPLIANCES W/ COMBINATION AUDIBLE/VISIBLE APPLIANCES. 3. THE FUTURE EXTENSION OF THE EXISTING WIRING FROM THE UNIT SMOKE ALARM LOCATIONS

**SECTION 912 FIRE DEPARTMENT CONNECTIONS.** 

TO REQUIRED LOCATIONS FOR VISIBLE APPLIANCE.

SHALL BE APPROVED BY FIRE OFFICIAL, SHALL BE VISIBLE, SHALL NOT OBSTRUCT ACCESS

# **SECTION 915 CARBON MONOXIDE DETECTION**

915.1.1 WHERE REQUIRED. CARBON MONOXIDE DETECTION SHALL BE PROVIDED IN GROUP R OCCUPANCIES AS SPECIFIED IN SECT 915.2 WHERE ANY CONDITIONS IN SECT 915.2 - 915.1.6 EXIST.

915.2.1 DWELLING UNITS. CARBON MONOXIDE DETECTION SHALL BE INSTALLED IN DWELLING UNITS OUTSIDE OF EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS. WHERE A FUEL-BURNING APPLIANCE IS LOCATED WITHIN A BEDROOM OR ITS ATTACHED BATHROOM, CARBON MONOXIDE DETECTION SHALL BE INSTALLED WITHIN THE BEDROOM.

# **CHAPTER 10 MEANS OF EGRESS**

#### SECTION 1005 MEANS OF EGRESS SIZING 1005.3.1 STAIRWAYS

LEVEL 2: 0.3" X 35 OCCUPANTS = 10.5" LEVEL 3: 0.3" X 35 OCCUPANTS = 10.5" 1005.3.2 OTHER EGRESS COMPONENTS LEVEL 1: 0.2" X 32 OCCUPANTS = 6.4"

LEVEL 2: 0.2" X 35 OCCUPANTS = 7.0"

LEVEL 3: 0.2" X 35 OCCUPANTS = 7.0"

1006.2.2.1 BOILER, INCINERATOR AND FURNACE ROOMS. TWO EXISTS ARE REQUIRED IN ROOMS WHERE THE AREA IS OVER 500 SF & ANY FUEL-FIRED EQUIP EXCEEDS 400,000 BTU INPUT CAPACITY

TABLE 1006.3.2 MINIMUM NUMBER OF EXITS PER STORY OCCUPANT LOAD PER STORY = 1-500: 2 EXITS REQUIRED

# **SECTION 1011 STAIRWAYS**

1011.2 WIDTH AND CAPACITY. THE REQUIRED CAPACITY OF STAIRWAYS SHALL BE DETERMINED AS SPECIFIED IN SECTION 1005.1, BUT THE MINIMUM WIDTH SHALL NOT BE LESS THAN 44 INCHES.

#### **SECTION 1013 EXIT SIGNS** 1013.1 WHERE REQUIRED.

EXCEPTION 3: EXIT SIGNS ARE NOT REQUIRED IN INDIVIDUAL DWELLING UNITS IN GROUP R-2. SECTION 1014 HANDRAILS

**1014.1 WHERE REQUIRED.** HANDRAILS SERVING FLIGHTS OF STAIRWAYS AND RAMPS SHALL BE

# ADEQUATE IN STRENGTH & ATTACHMENT IN ACCORDANCE WITH SECTION 1607.8.

1014.2 HEIGHT. HANDRAIL HEIGHT, MEASURED ABOVE THE STAIR TREAD NOSINGS, OR FINISH SURFACE OF RAMP SLOPE SHALL BE UNIFORM, NOT LESS THAN 34" & NOT MORE THAN 38".

OR GRADE BELOW AT ANY POINT WITHIN 36" HORIZONTALLY TO THE EDGE OF THE OPEN SIDE. GUARDS SHALL BE ADEQUATE STRENGTH & ATTACHMENT IN ACCORDANCE WITH SECTION 1607.8.

1015.2 WHERE REQUIRED. GUARDS SHALL BE LOCATED ALONG OPEN-SIDED WALKING SURFACES,

INCLUDING STAIRS, RAMPS AND LANDINGS MORE THAN 30" MEASURED VERTICALLY TO THE FLOOR

1015.3 HEIGHT. REQUIRED GUARDS SHALL BE NOT LESS THAN 42" HIGH, MEASURED VERTICALLY. 1015.4 OPENING LIMITATIONS. REQUIRED GUARDS SHALL NOT HAVE OPENINGS THAT ALLOW

# PASSAGE OF A SPHERE 4" IN DIAMETER FROM THE WALKING SURFACE TO THE REQ'D GUARD HEIGHT

1016.2.1 MULTIPLE TENANTS, WHERE MORE THAN ONE TENANT OCCUPIES ANY ONE FLOOR OF A BUILDING, EACH DWELLING UNIT SHALL BE PROVIDED WITH ACCESS TO THE REQUIRED EXITS

# **SECTION 1017 EXIT ACCESS TRAVEL DISTANCE**

**TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE** R OCCUPANCY WITH SPRINKLER SYSTEM = 250 FEET

WITHOUT PASSING THROUGH ADJACENT DWELLING UNITS.

**SECTION 1019 EXIT ACCESS STAIRWAYS AND RAMPS** 1019.3 OCCUPANCIES OTHER THAN GROUPS I-2 AND I-3. IN OTHER THAN GROUPS I-2 AND I-3 OCCUPANCIES, FLOOR OPENINGS CONTAINING EXIT ACCESS STAIRWAYS OR RAMPS THAT DO NOT COMPLY WITH ONE OF THE CONDITIONS LISTED IN THIS SECTION SHALL BE ENCLOSED WITH A SHAFT ENCLOSURE CONSTRUCTED IN ACCORDANCE WITH 713.

#### **SECTION 1020 CORRIDORS** TABLE 1020.1 CORRIDOR FIRE-RESISTANCE RATING

R OCCUPANCY: ½-HOUR WITH NFPA 13 SPRINKLER SYSTEM

## TABLE 1020.2 MINIMUM CORRIDOR WIDTH 36" WITHIN A DWELLING UNIT | 44" ANY FACILITY NOT LISTED IN THIS TABLE

1020.4 DEAD ENDS EXCEPTION 2: IN GROUP R-2 WHERE THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 THE LENGTH OF THE DEAD-END CORRIDOR SHALL NOT EXCEED 50'.

# CHAPTER 11 ACCESSIBILITY

SECTION 1107 DWELLING UNITS AND SLEEPING UNITS 1107.6.2.2.1. TYPE A UNITS. IN R-2 OCCUPANCIES CONTAINING MORE THAN 20 DWELLING UNITS, AT

LEAST 2% OF THE UNITS SHALL BY TYPE A UNITS. (1 UNIT REQUIRED, 6 UNITS ARE FULLY ACCESSIBLE)

1107.6.2.2.2 TYPE B UNITS. WHERE THERE ARE FOUR OR MORE DWELLING UNITS OR SLEEPING UNITS INTENDED TO BE OCCUPIED AS A RESIDENCE IN A SINGLE STRUCTURE, EVERY DWELLING UNIT AND SLEEPING UNIT INTENDED TO BE OCCUPIED AS A RESIDENCE SHALL BE A TYPE B UNIT.

# CHAPTER 12 INTERIOR ENVIRONMENT

**SECTION 1206 SOUND TRANSMISSION** 1206.2 AIRBORNE SOUND. WALLS, PARTITIONS AND FLOOR-CEILING ASSEMBLIES SEPARATING DWELLING UNITS FROM EACH OTHER OR FROM PUBLIC SERVICE AREAS SHALL HAVE A SOUND TRANSMISSION CLASS OF NOT LESS THAN 50, OR NOT LESS THAN 45 IF FIELD TESTED, FOR AIRBORNE NOISE WHERE TESTED IN ACCORDANCE WITH ASTM E90. PENETRATIONS OF WALL OPENINGS IN CONSTRUCTION ASSEMBLIES FOR PIPING, ELECTRICAL DEVICES; RECESSED CABINETS; BATHTUBS; SOFFITS; OR HEATING, VENTILATING OR EXHAUST DUCTS SHALL BE SEALED, LINED, INSULATED OR OTHERWISE TREATED TO MAINTAIN THE REQUIRED RATINGS.

1206.3 STRUCTURE-BORNE SOUND. FLOOR-CEILING ASSEMBLIES BETWEEN DWELLING UNITS OR BETWEEN A DWELLING UNIT AND A PUBLIC SERVICE AREA WITHIN THE STRUCTURE SHALL HAVE AN IMPACT INSULATION CLASS RATING OF NOT LESS THAN 50, OR NOT LESS THAN 45 IF FIELD TESTED, WHERE TESTED IN ACCORDANCE WITH ASTM E492.

## CHAPTER 15 ROOF ASSEMBLIES AND ROOFTOP STRUCTURES TABLE 1505.1 MINIMUM ROOF COVERING CLASSIFICATION FOR TYPES OF CONSTRUCTION

FOR TYPE VB CONSTRUCTION = MINIMUM CLASS C

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# LIFE SAFETY PLAN: GENERAL NOTES

- 1. RATED FIRE PARTITIONS SHALL BE CONTINUOUS FROM TOP OF FLOOR TO UNDERSIDE OF RATED FLOOR CEILING ASSEMBLY.
- 2. FIRE BARRIERS SHALL BE CONTINUOUS FROM TOP OF FLOOR TO B.O. FLOOR
- 3. FIRE STOP PENETRATIONS THROUGH RATED ASSEMBLIES.
- 4. GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL FIRE EXTINGUISHERS AND CABINETS IN ACCORDANCE WITH APPLICABLE CODES AND AMENDMENTS. FIRE EXTINGUISHERS WEIGHING LESS THAN 40 POUNDS CAN BE LOCATED NO HIGHER THAN 5 FEET. FIRE EXTINGUISHERS WEIGHTING MORE THAN 40 POUNDS CAN BE LOCATED NO HIGHER THAN 3.5 FEET.
- 5. FIRE EXTINGUISHER CABINETS IN RATED ASSEMBLIES SHALL BE FIRE RATED.
- 6. ALL STAIRS SHALL BE CONSTRUCTED TO DIMENSIONS SHOWN AND TO NOT LESS THAN 44" CLEAR WIDTH FROM INSIDE OF STRINGERS EXCEPT AT STAIR 3 WHICH SHALL NOT BE LESS THAN 36" CLEAR WIDTH.

OCCUPANCY LOAD SCHEDULE - LEVEL 1					
OCCUPANT LOAD OCCUPANT AREA DESCRIPTION FACTOR AREA (SF) LOAD					
B: OFFICE	150 SF	149 SF	0.99		
R-2: MECHANICAL / ELECTRICAL	300 SF	644 SF	2.15		
R-2: RESIDENITAL	200 SF	5,186 SF	25.93		
S-1: ACCESSORY STORAGE	300 SF	682 SF	2.27		
S-1: ACCESSORY STORAGE	300 SF	189 SF	0.63		
			31.97		

OCCUPANCY LOAD SCHEDULE - LEVEL 2				
OCCUPANT LOAD OCCUPAN AREA DESCRIPTION FACTOR AREA (SF) LOAD				
R-2: ACCESSORY STORAGE	300 SF	63 SF	0.21	
R-2: RESIDENITAL	200 SF	6,776 SF	33.88	
			34.09	

OCCUPANCY LOAD SCHEDULE - LEVEL 3				
AREA DESCRIPTION	OCCUPANT LOAD FACTOR	AREA (SF)	OCCUPANT LOAD	
R-2: ACCESSORY STORAGE	300 SF	63 SF	0.21	
R-2: RESIDENITAL	200 SF	6,776 SF	33.88	
			34.09	

# LIFE SAFETY PLAN: LEGEND

1/2-HOUR FIRE PARTITION

• • 1-HOUR FIRE PARTITION

-1-1-1- 1-HOUR FIRE BARRIER

● ● ● EGRESS ROUTE

**BUILDING EXIT** 

- ★ PORTABLE FIRE EXTINGUISHER LOCATED UNDER KITCHEN SINK IN UNITS: CLASS 2-A FOR INTERIOR LOCATIONS
- WALL MOUNTED FIRE EXTINGUISHER: CLASS 2-A FOR
  INTERIOR LOCATIONS

FACP FIRE ALARM CONTROL PANEL

PS PULL STATION

KNOX BOX

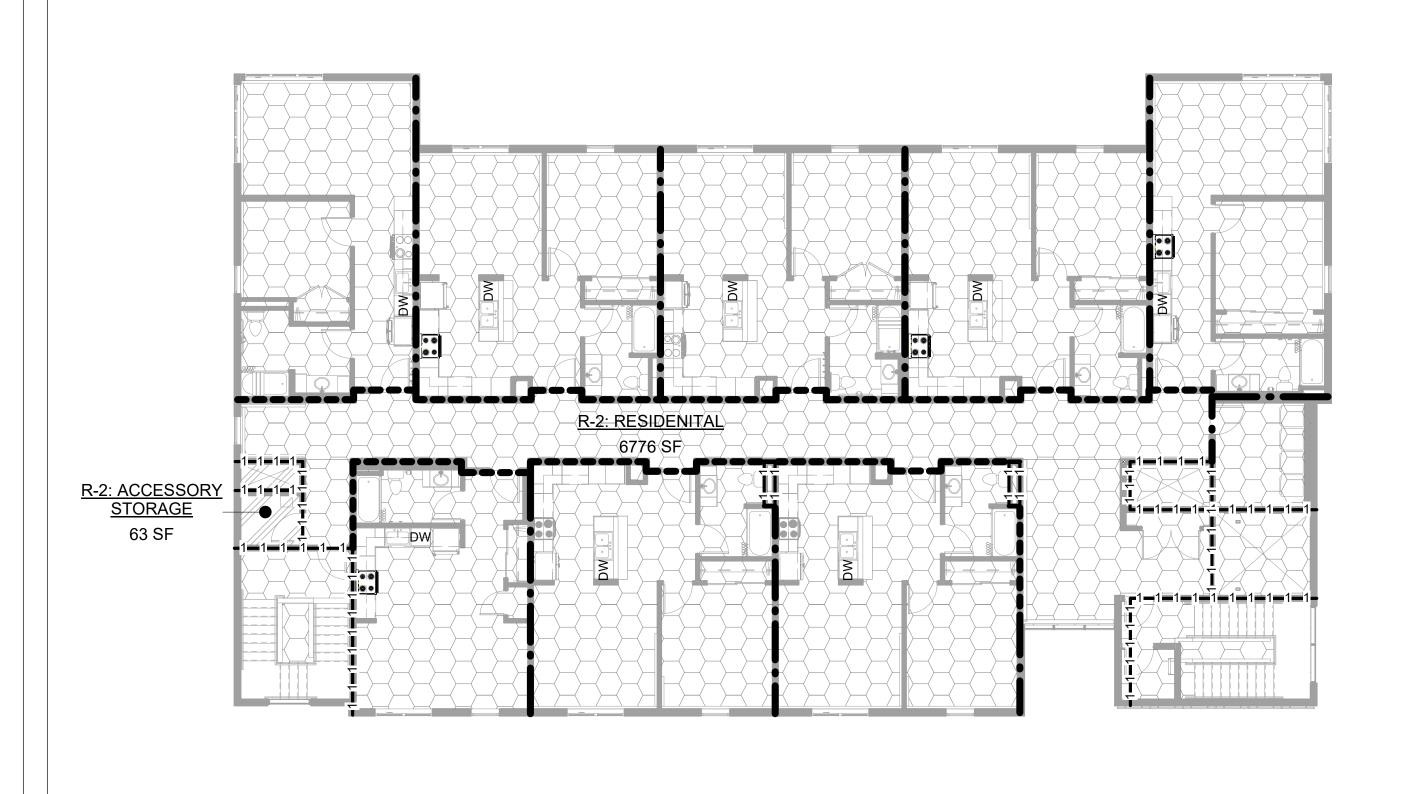
B: OFFICE

R-2: MECHANICAL / ELECTRICAL

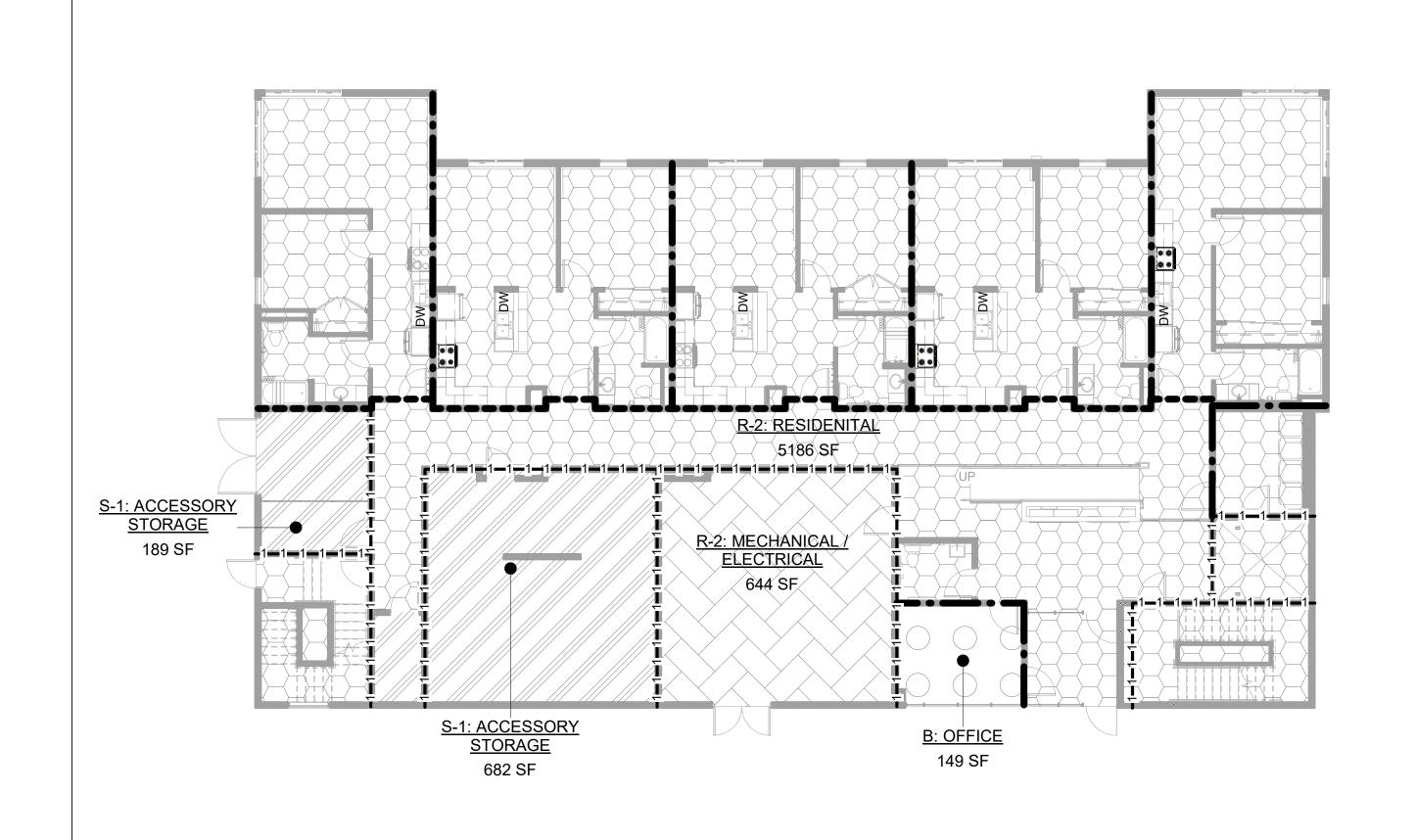
R-2: RESIDENITAL

S-1: ACCESSORY STORAGE

# LIFE SAFETY PLAN: LEVEL 3



# LIFE SAFETY PLAN: LEVEL 0 / LEVEL 1



# LIFE SAFETY PLAN: LEVEL 2



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SPARK DESIGN, LLC #AECL1

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architecture • interiors • des 5401 cordova street, su anchorage, alaska p. 907.344.3424 f. 907.7

COOK INLET HOUSING AUTHORITY
BREWSTERS MULTI-FAMILY HOUSING
ANCHORAGE, ALASKA

REVISION SCHEDULE

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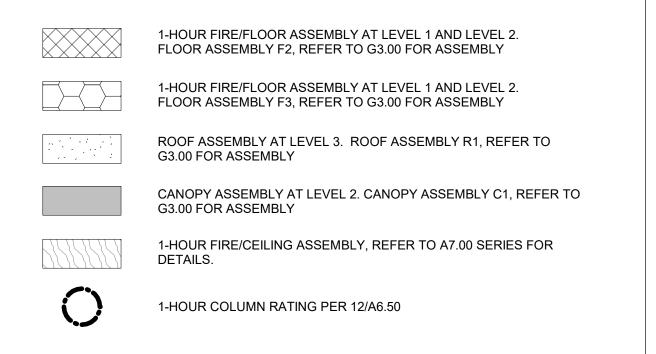
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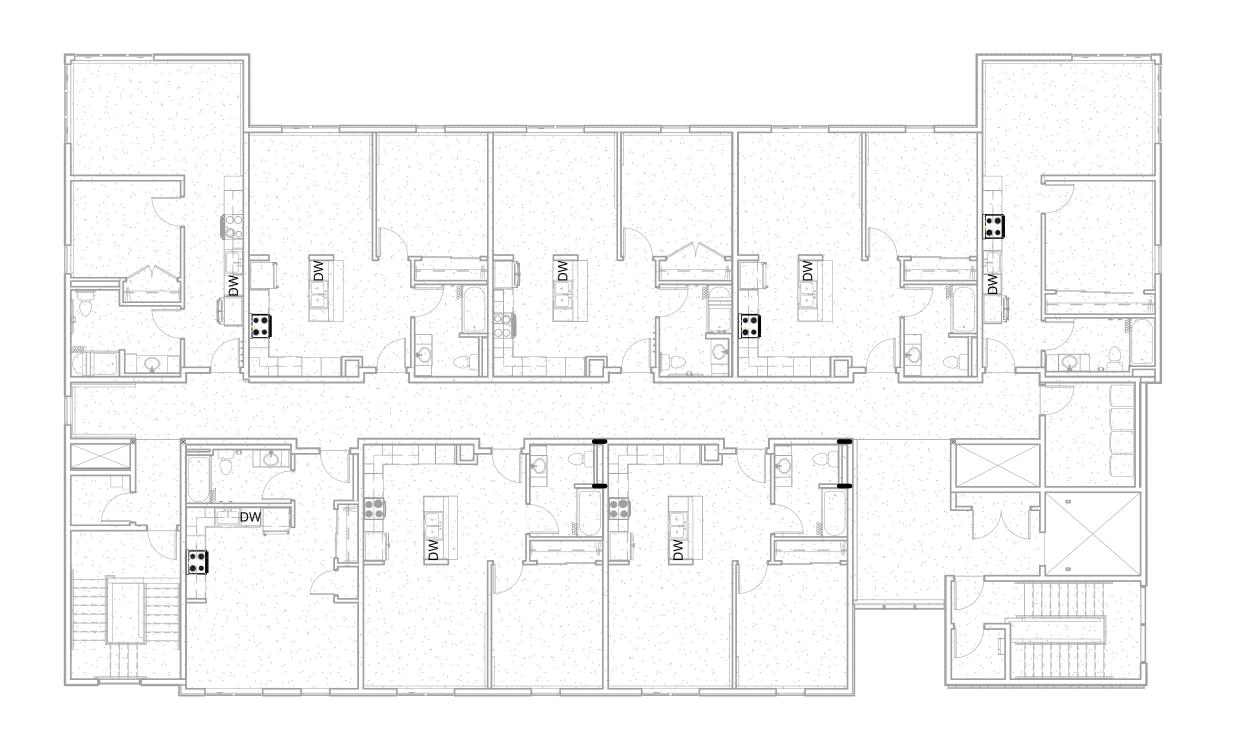
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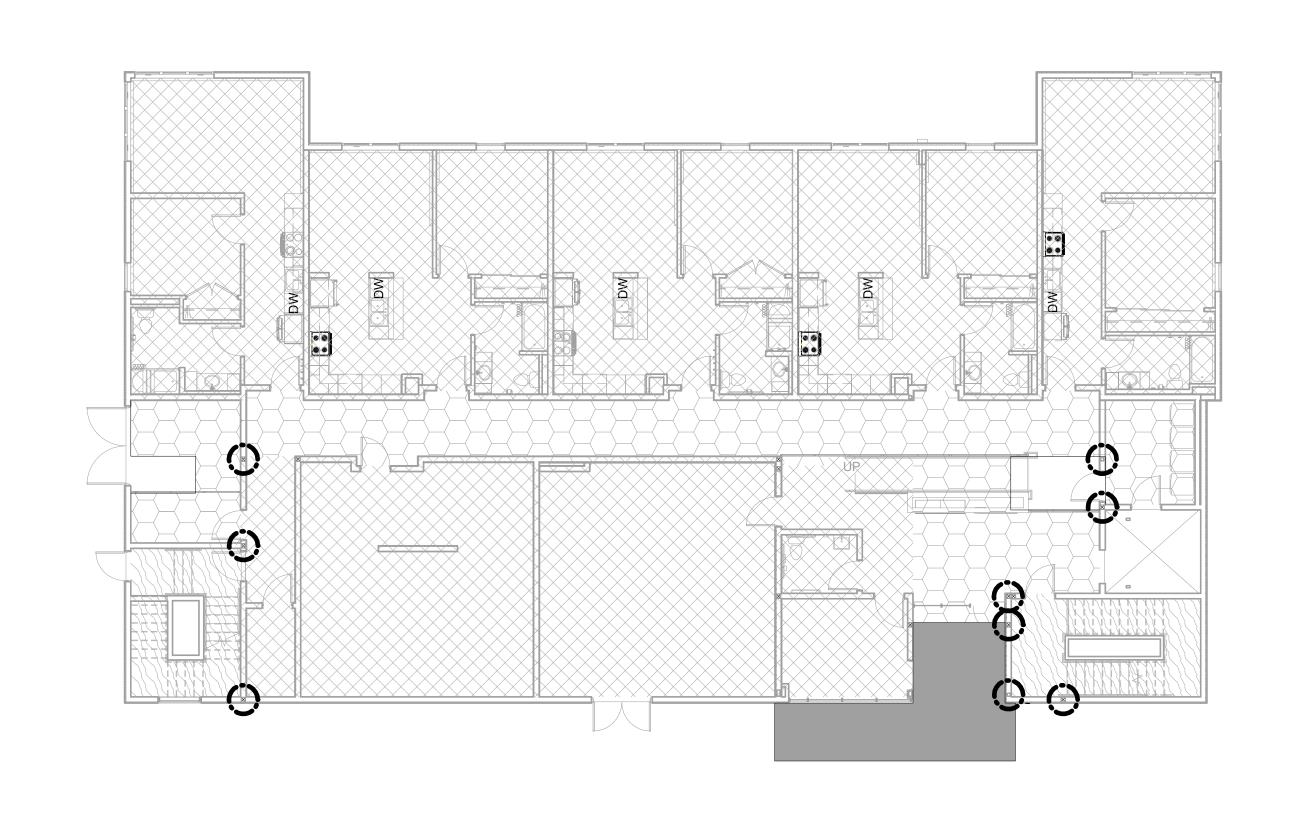
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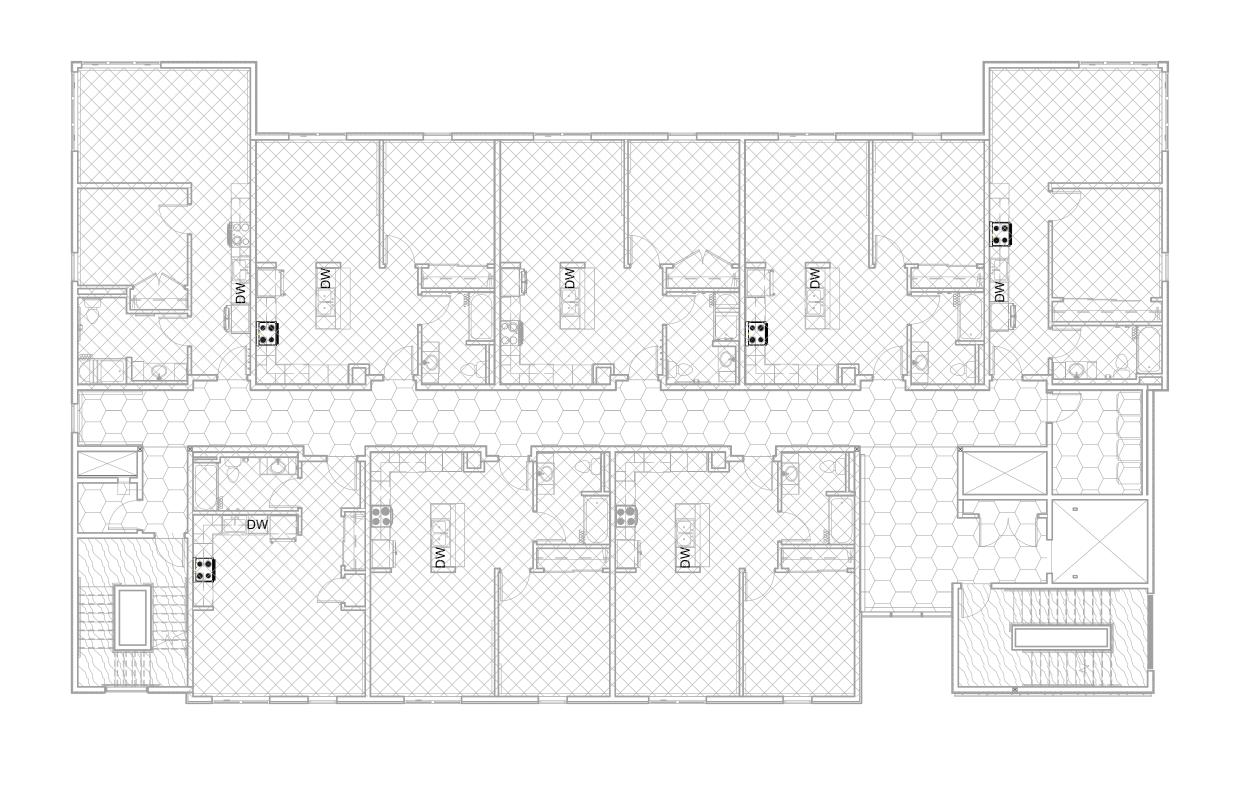
# HORIZONTAL ASSEMBLIES: LEVEL 3







# HORIZONTAL ASSEMBLIES: LEVEL 2



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design,llc

BREWSTERS MULTI-FAMILY HOUSING **HOUSING AUTHORITY** ANCHORAGE **COOK INLET** 

DESCRIPTION

JOB NO. DATE DRAWN REVIEWED 22-018 2023.03.08

SHEET NAME HORIZONTAL ASSEMBLIES

G1.02

# **CODE ANALYSIS: TITLE 21**

PARCEL ID: 004-038-43-000

ZONING: B3 700288

SQUARE FEET: 27,000 SF (LOT) / 20,528 SF (BUILDING) / 6,850 SF (FOOTPRINT)

LEGAL DESC: MOUTAIN VIEW

FAR = .519 = 21 UNITS / 2.30 ACRES ~ 9.13 UNITS / 1 ACRE

#### **CHAPTER 21.04: ZONING DISTRICTS** 21.04.030 COMMERCIAL DISTRICTS

D. B-3 GENERAL BUSINESS DISTRICT

 PURPOSE. THE B-3 DISTRICT IS INTENDED PRIMARILY FOR GENERAL COMMERCIAL USES IN COMMERCIAL CENTERS AND AREAS EXPOSED TO HEAVY TRAFFIC. THESE COMMERCIAL USES ARE INTENDED TO BE LOCATED ON ARTERIALS, OR WITHIN COMMERCIAL CENTERS OF TOWN, AND TO BE PROVIDED WITH ADEQUATE PUBLIC SERVICES AND FACILITIES. THEY ARE SUBJECT TO THE PUBLIC VIEW AND SHOULD PROVIDE AN ATTRACTIVE APPEARANCE WITH LANDSCAPING, SUFFICIENT PARKING, AND CONTROLLED TRAFFIC MOVEMENT. ENVIRONMENTAL IMPACTS SHOULD BE MINIMIZED. ABUTTING RESIDENTIAL AREAS SHOULD BE PROTECTED FROM POTENTIALLY NEGATIVE IMPACTS ASSOCIATED WITH COMMERCIAL ACTIVITY. WHILE B-3 DISTRICT AREAS SHALL CONTINUE TO MEET THE NEED FOR AUTO-RELATED AND OTHER AUTO-ORIENTED USES, IT IS THE MUNICIPALITY'S INTENT THAT THE B-3 DISTRICT ALSO SHALL PROVIDE FOR SAFE AND CONVENIENT PERSONAL MOBILITY IN OTHER FORMS. PLANNING AND DESIGN SHALL ACCOMMODATE PEDESTRIANS AND BICYCLISTS. IN ADDITION TO A WIDE RANGE OF COMMERCIAL OFFICE, RETAIL AND COMMERCIAL SERVICES, OTHER USE CATEGORIES SUCH AS RESIDENTIAL AND COMMUNITY USES, AND MIXED-USE PROJECTS, ARE ALLOWED.

# **CHAPTER 21.05: USE REGULATIONS**

21.05.010 TABLE OF ALLOWED USES (TABLE 21-05-1) RESIDENTIAL USES (DWELLING, MULTIFAMILY) B3 = PERMITTED

21.05.030 RESIDENITAL USES: DEFINITIONS & USE-SPECIFIC STANDARDS

A. HOUSEHOLD LIVING DWELLING, MULTIFAMILY

- 2. DEFINITION. A RESIDENTIAL BUILDING OR MULTIPLE RESIDENTIAL BUILDINGS COMPRISING THREE OR MORE DWELLING UNITS ON ONE LOT. THE DEFINITION INCLUDES THE TERMS "APARTMENT" OR "APARTMENT BUILDING."
- B. USE-SPECIFIC STANDARDS.
  - MULTIFAMILY DEVELOPMENTS THAT CONSIST OF THREE OR MORE UNITS IN ONE BUILDING SHALL COMPLY WITH SUBSECTION 21.07.110C., STANDARDS FOR MULTIFAMILY RESIDENTIAL, EXCEPT AS PROVIDED IN SUBSECTION B.III. BELOW.

#### CHAPTER 21.06: DIMENSIONAL STANDARDS AND MEASUREMENTS .06.020 - DIMENSIONAL STANDARDS TABLES

TABLE 21.06-2 TABLE OF DIMENSIONAL STANDARDS - COMMERCIAL AND INDUSTRIAL DISTRICTS B-3: RESIDENTIAL HOUSEHOLD LIVING USES

MINIMUM AREA: 6,000 SF MINIMUM WIDTH: 50 FT MAXIMUM LOT COVERAGE:50%

MINIMUM FRONT YARD: 10 FT MINIMUM SIDE YARD: 5 FT PLUS 1 FT FOR EACH 5 FT IN HEIGHT EXCEEDING 35'

(T.O. EPDM = 37' - 2" = 6' MIN SIDE YARD)MINIMUM REAR YARD: 10 FT

MAXIMUM HEIGHT: 45 FT (ACTUAL HEIGHT = 37' – 2")

#### CHAPTER 21.07 - DEVELOPMENT AND DESIGN STANDARDS 1.07.110 – RESIDENTIAL DESIGN STANDARDS.

C. STANDARDS FOR MULTIFAMILY AND TOWNHOUSE RESIDENTIAL.

- 2. APPLICABILITY. THESE STANDARDS APPLY TO: a. ANY MULTIFAMILY STRUCTURE (THREE OR MORE UNITS)
- 3. WINDOWS FACING THE STREET.
  - WINDOWS. WINDOWS OR PRIMARY ENTRANCE DOORS SHALL BE PROVIDED ON EACH BUILDING ELEVATION FACING A STREET OR THAT HAS PRIMARY ENTRANCES TO DWELLINGS (UP TO A MAXIMUM OF TWO ELEVATIONS). AT LEAST TEN PERCENT OF THE WALL AREA OF THE BUILDING ELEVATION SHALL BE WINDOWS OR PRIMARY ENTRANCE. THE DIRECTOR MAY ELIMINATE OR REDUCE THE REQUIREMENT ON ONE ELEVATION (IN INSTANCES WHERE UP TO TWO APPLY) BASED ON SITE SPECIFIC CIRCUMSTANCES (SUCH AS INFILL PROJECTS WHERE AN ENTRY FACES AN ADJACENT PROPERTY RATHER THAN THE STREET). SOUTH ELEVATION = 827/4130 SF | 20.0% NORTH ELEVATION = 718/4059 SF | 17.6%
- 6. **BUILDING AND SITE ORIENTATION MENU.** BUILDINGS SHALL BE ORIENTED TO SURROUNDING STREETS, SIDEWALKS, COMMON PRIVATE OPEN SPACES, AND THE NEIGHBORHOOD PUBLIC REALM THROUGH AT LEAST THREE OF THE FOLLOWING MENU CHOICES. THE DIRECTOR MAY REDUCE THE REQUIREMENT TO TWO MENU CHOICES IF HE OR SHE DETERMINES THAT THE PRIMARY OBJECTIVE OF THE MENU OPTION IS ACHIEVED OR THAT THE SPECIFIC SITE LIMITS AVAILABILITY OF A MAJORITY OF THE OPTIONS.
  - ORIENTATION OF LIVING SPACES AND WINDOWS—GROUND FLOOR, PROVIDE WINDOWS AND/OR ENTRANCES TO HABITABLE LIVING SPACES COMPRISING AT LEAST TEN PERCENT OF THE GROUND-FLOOR WALL AREA OF UP TO TWO BUILDING ELEVATIONS FACING A STREET OR HAVING A PRIMARY FRONT ENTRANCE. WINDOWS IN A GARAGE DOOR DO NOT COUNT TOWARDS THE MINIMUM AREA IN THIS SECTION.

SOUTH ELEVATION = 246.8/1346 SF | 18.3% NORTH ELEVATION = 239.3/1028.5 SF | 23.3%

c. ORIENTATION OF LIVING SPACES AND WINDOWS—OVERALL DEVELOPMENT. PROVIDE WINDOWS AND/OR ENTRANCES TO HABITABLE LIVING SPACES, COMPRISING AT LEAST TEN PERCENT OF THE TOTAL WALL AREA OF UP TO TWO BUILDING ELEVATIONS FACING A STREET OR HAVING A PRIMARY FRONT ENTRANCE. WINDOWS IN A GARAGE DOOR DO NOT COUNT TOWARDS THE MINIMUM AREA IN THIS SECTION.

SOUTH ELEVATION = 827/4130 SF | 20.0% NORTH ELEVATION = 718/4059 SF | 17.6%

- e. STREET FRONTAGE—PARKING BESIDE OR BEHIND THE BUILDING. NO MORE THAN 70 PERCENT OF A STREET-FACING BUILDING ELEVATION SHALL HAVE PARKING FACILITIES (INCLUDING GARAGES) BETWEEN IT AND THE STREET. NO PARKING BETWEEN STREET AND BUILDING & RICHMOND AVENUE.
- SEPARATED WALKWAY TO THE STREET. CONNECT ALL PRIMARY ENTRANCES TO THE STREET BY A CLEAR AND DIRECT WALKWAY SEPARATED FROM AND NOT ROUTED THROUGH A PARKING FACILITY.

k. VISIBLE FRONT ENTRIES.

a. PLACE THE PRIMARY FRONT ENTRANCE(S) (AT LEAST ONE SHARED PRIMARY FRONT ENTRANCE FOR A MULTIFAMILY STRUCTURE OR AT LEAST 50 PERCENT OF INDIVIDUAL UNIT ENTRANCES) ON A STREET-FACING BUILDING ELEVATION, OR FACING A COMMON PRIVATE OPEN SPACE THAT IS VISIBLE FROM AND HAS DIRECT ACCESS TO THE STREET.

i. AS AN ALTERNATIVE, PLACE THE PRIMARY FRONT ENTRANCE(S) ON A FAÇADE AT AN ANGLE OF UP TO 90 DEGREES FROM THE STREET, WHERE THERE IS AN UNOBSTRUCTED LINE OF SIGHT FROM THE STREET OR SIDEWALK EDGE (ABUTTING THE SITE) TO THE ENTRY DOOR, AND A SHELTERING ROOF STRUCTURE NO MORE THAN 12 FEET ABOVE THE FLOOR OF THE ENTRY AS A PERMANENT ARCHITECTURAL FEATURE PROJECTING FROM THE FAÇADE.

7. BUILDING ARTICULATION MENU. ANY BUILDING ELEVATION FACING A STREET OR HAVING A PRIMARY FRONT ENTRANCE SHALL PROVIDE AT LEAST FOUR FEATURES FROM THE MENU BELOW, EXCEPT THAT THE END WALLS OF ROWS OF DWELLING UNITS MAY PROVIDE AS FEW AS THREE FEATURES. THIS SECTION SHALL APPLY TO NO MORE THAN TWO BUILDING ELEVATIONS, WITH PRIORITY TO AT LEAST ONE ELEVATION FACING A STREET. EACH BUILDING ELEVATION MAY USE DIFFERENT MENU CHOICES.

- d. VARIATION OF EXTERIOR FINISHES. USE TWO OR MORE PRIMARY WALL SIDING MATERIALS, OR A CHANGE OF COLOR ONLY IF THE COLOR CHANGE IS TO A DIFFERENT PRIMARY OR SECONDARY COLOR FAMILY AND IS DELINEATED WITH TRIM OR A CHANGE IN WALL PLANE, NOT INCLUDING CONCRETE OR BLOCK FOUNDATION. THREE (3) PRIMARY SIDING MATERIALS ARE USED ON SOUTH TWO (2) MATERIALS ARE USED ON THE NORTH.
- e. ORNAMENTAL FEATURES AND DETAIL ELEMENTS. USE TWO OR MORE FAÇADE DETAIL FEATURES AT INTERVALS, SUCH AS MEDALLIONS, SHUTTERS, COLUMNS, PILASTERS. WALL MODULATIONS THAT DON'T MEET SUBSECTIONS 7.A. OR 7.B. ABOVE, BALCONIES THAT DON'T MEET 7.F. BELOW, TRIM THAT IS THREE AND ONE-HALF INCH WIDE OR WIDER, OR OTHER SIMILAR FEATURES APPROVED BY THE DIRECTOR. SEE CHROMA ORNAMENTATION ON NORTH AND SOUTH ELEVATIONS. WALL MODULATION NOT COMPLYING WITH SUBSECTION 7.A OR 7.B ABOVE.
- i. ENTRY ARTICULATION. ENHANCE THE ARTICULATION OF THE PRIMARY FRONT ENTRANCE (OR AT LEAST 50 PERCENT ENTRIES WHEN NOT EVERY ENTRY FACES THE STREET) WITH A SHELTERING ROOF STRUCTURE, PROJECTING VESTIBULE, OR WALL PROJECTIONS/RECESSES, HAVING A DEPTH OF AT LEAST FOUR FEET FOR THE WIDTH OF THE ENTRY SPACE.
- ROOFLINE MODULATION. PROVIDE VARIATIONS IN ROOF FORM, ORIENTATION, OR HEIGHT USING FEATURES SUCH AS A TERRACING PARAPET, MULTIPLE PEAKS, JOGGED RIDGE LINES, PROJECTING ROOF FORMS AND DORMERS, PROVIDED AT INTERVALS ABOVE THE MAIN EAVE LINE (SPACED AS STATED IN MENU CHOICE SUBSECTION 7.A. ABOVE). THE VERTICAL DIMENSION OF THE ROOFLINE VARIATION SHALL BE AT LEAST THE GREATER OF TWO FEET OR TEN PERCENT OF THE WALL HEIGHT.

PARAPETS 3' & 5' – 6"

SOUTH ENTRY = 7' – 10" DEEP

- 8. NORTHERN CLIMATE WEATHER PROTECTION AND SUNLIGHT MENU. BUILDING AND SITE DESIGN SHALL RESPOND TO ALASKA'S NORTHERN CLIMATE, INCLUDING THE EFFECTS OF SNOW, ICE, LOW TEMPERATURES, WIND EXPOSURE, AND LOW AND SEASONAL SUNLIGHT CONDITIONS, WHICH IMPACTS THE PEDESTRIAN ENVIRONMENT AND LIVABILITY OF DENSER COMPACT HOUSING AREAS, BY PROVIDING AT LEAST FOUR FEATURES FROM THE FOLLOWING MENU ON BUILDINGS COMPRISED OF EIGHT OR MORE UNITS. MENU CHOICES SUBSECTIONS 8.F., YEAR-ROUND ACCESS TO SUNLIGHT; 8.G., SUNLIGHT ACCESS FOR NEIGHBORS; 8.I., SUN TRAP; 8.J., ATRIUM; AND 8.L., SUNLIT AND WIND PROTECTED COURTYARDS SHALL EACH COUNT AS TWO FEATURES. THE DIRECTOR HAS THE ABILITY TO REDUCE THE NUMBER OF REQUIRED FEATURES IN CIRCUMSTANCES WHERE SITE CONDITIONS OR SCALE OF BUILDINGS DO NOT SUPPORT THE FEATURES PROVIDED IN THE MENU OPTIONS.
  - a. WEATHER PROTECTED ENTRANCE. PROVIDE OUTDOOR SHELTER AS A PERMANENT ARCHITECTURAL FEATURE, THAT COVERS AT LEAST 24 SF OF OUTDOOR ENTRYWAY SPACE FOR EACH PRIMARY FRONT ENTRANCE. SOUTH ENTRY = 285 SF (PER REVIT)
  - c. SHELTERED PASSENGER LOADING ZONE, BICYCLE PARKING, OR TRANSIT STOP. PROVIDE PEDESTRIAN SHELTER OVER A PASSENGER LOADING ZONE, ACCESSIBLE PARKING AISLE OR ROUTE, BICYCLE PARKING, OR A TRANSIT SHELTER.

BIKE PARKING UNDER CANOPY

- e. ORIENTATION FOR SUNLIGHT ACCESS. PROVIDE WINDOWS AND/OR PRIMARY ENTRANCES FOR AT LEAST 20 PERCENT OF THE WALL AREA WITH A SOLAR ORIENTATION AND DEMONSTRATE EACH IS LIKELY TO RECEIVE AT LEAST SIX HOURS OF SUNLIGHT ACCESS ON MARCH/SEPTEMBER 21. NATURAL FEATURES EXISTING AT THE TIME OF DEVELOPMENT, SUCH AS TREES, SHALL NOT BE CONSIDERED AS BLOCKING SUNLIGHT ACCESS, BUT NEWLY INSTALLED EVERGREEN TREES SHALL BE PLANTED SO AS TO MINIMIZE BLOCKING OF SUNLIGHT ACCESS.
- DAYLIGHTING. PROVIDE FOR APARTMENT DAYLIGHTING AND BUILDING SPACING AS FOLLOWS: LOCATE AT LEAST ONE WINDOW IN THE MAIN LIVING AREA OF EACH DWELLING SUCH THAT AN IMAGINARY DAYLIGHT PLANE EXTENDING FROM THE WINDOW AND FORMED BY AN ANGLE OF 60 DEGREES THAT IS UNOBSTRUCTED FOR A HORIZONTAL DISTANCE OF 60 FEET. THE PLANE ANGLE SHALL BE MEASURED HORIZONTALLY FROM THE CENTER OF THE BOTTOM OF THE WINDOW. AS AN ALTERNATIVE, TWO ANGLES WITH A SUM OF 60 DEGREES MAY BE USED.
- 9. **ENTRYWAY TREATMENT.** PRIMARY FRONT ENTRANCES SHALL BE GIVEN EMPHASIS AND PHYSICAL ACCESS AS FOLLOWS, A PORCH, LANDING, PATIO, OR OTHER SEMI-PRIVATE OUTDOOR ENTRYWAY SPACE WITH A MINIMUM DIMENSION OF FOUR FEET SHALL BE PROVIDED THAT IS DISTINGUISHED FROM ADJACENT AREAS AND VEHICULAR PARKING BY A VERTICAL SEPARATION OR CHANGE IN SURFACE MATERIAL. EXAMPLES OF FEATURES THAT MEET THE INTENT OF THE SECTION INCLUDE THE FOLLOWING:
  - a. OUTDOOR SHELTERING ROOF STRUCTURE SUCH AS AN OVERHANG, RECESS, PORTICO, OR OTHER PERMANENT ARCHITECTURAL FEATURE COVERING AT LEAST 12 SQUARE FEET.
  - b. FAÇADE VARIATION THROUGH WALL MODULATION (CHANGES IN WALL PLANE) OR CHANGES IN EXTERIOR FINISHES (COLOR OR MATERIALS) THAT RELATE TO AND EMPHASIZE THE ENTRY.
  - c. ENTRY DETAIL ELEMENTS SUCH AS DOUBLE DOORS, ENTRY SIDE LIGHT OR TRANSOM WINDOWS, OR PLANTER BOXES.

# CODE ANALYSIS: ICC A117.1-2009

**CHAPTER 10 DWELLING AND SLEEPING UNITS** 

304.1 BUSINESS GROUP B. BUSINESS GROUP B OCCUPANCY INCLUDES, AMONG OTHERS, THE USE OF A BUILDING OR STRUCTURE OR PORTION THEREOF, FOR OFFICE, PROFESSIONAL OR SERVICE-TYPE BUSINESS OCCUPANCIES SHALL INCLUDE, BUT NOT BE LIMITED TO THE FOLLOWING: PROFESSIONAL SERVICES.

311.1.1 ACCESSORY STORAGE SPACES. A ROOM OR SPACE USED FOR STORAGE PURPOSES THAT IS ACCESSORY TO ANOTHER OCCUPANCY SHALL BE CLASSIFIED AS PART OF THAT OCCUPANCY.

311.2 MODERATE-HAZARD STORAGE, GROUP S-1. STORAGE GROUP S-1 OCCUPANCIES

310.3 RESIDENTIAL GROUP R-2. RESIDENTIAL GROUP R-2 OCCUPANCIES CONTAINING SLEEPING UNITS OF MORE THAN TWO DWELLING UNITS WHERE THE OCCUPANTS ARE PRIMARILY PERMANENT IN NATURE, INCLUDING: APARTMENT HOUSES.

CHAPTER 4 SPECIAL DETAILED REQUIREMENTS BASED ON OCCUPANCY AND USE 420.2 SEPARATION WALLS. WALLS SEPARATING DWELLING UNITS IN THE SAME BUILDING AND WALLS SEPARATING DWELLING UNITS FROM OTHER OCCUPANCIES CONTIGUOUS TO THEM IN THE SAME BUILDING SHALL BE CONSTRUCTED AS FIRE PARTITIONS IN ACCORDANCE WITH SECTION 708.

420.3 HORIZONTAL SEPARATION. FLOOR ASSEMBLIES SEPARATING DWELLING UNITS IN THE SAME BUILDINGS AND FLOOR ASSEMBLIES SEPARATING DWELLING OR SLEEPING UNITS FROM OTHER OCCUPANCIES CONTIGUOUS TO THEM IN THE SAME BUILDING SHALL BE CONSTRUCTED AS HORIZONTAL ASSEMBLIES IN ACCORDANCE WITH SECTION 711.

420.4 AUTOMATIC SPRINKLER SYSTEM. GROUP R OCCUPANCIES SHALL BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECT 903.2.8. QUICK-RESPONSE OR RESIDENTIAL AUTOMATIC SPRINKLERS SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 903.3.2.



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DATE 2023.03.08 REVIEWED DTW

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# ROOF/CANOPY ASSEMBLIES

# ROOF ASSEMBLY R1 60 MIL TPO ROOF MEMBRANE 1/2" DENS DECK PRIME SHEATHING TAPERED EPS RIGID INSULATION (AVERAGE R-42), SLOPE AS REQUIRED TO ACHIEVE 1/4" PER FOOT SLOPE TO DRAIN CONTINUOUS 10-MIL VAPOR RETARDER WOOD SHEATHING, REFER TO STRUCTURAL ROOF FRAMING, REFER TO STRUCTURAL 1/2" TYPE 'X' GWB **NOTE: PROVIDE 20 YEAR WARRANTY** FOR ALL ROOF ASSEMBLIES

# **CANOPY ASSEMBLY C1**

**60 MIL TPO ROOF MEMBRANE** 1/2" DENS DECK PRIME SHEATHING

TAPERED EPS RIGID INSULATION, SLOPE AS REQUIRED TO ACHIEVE 1/4" PER FOOT SLOPE TO DRAIN WOOD SHEATHING, REFER TO STRUCT FILL VOIDS BETWEEN CANOPY FRAMING WITH HIGH DENSITY CLOSED

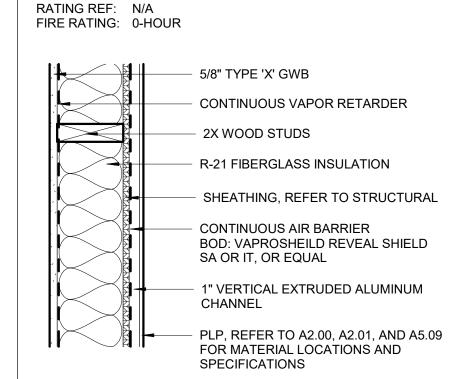
CELL SPRAY FOAM INSULATION AVERAGE R-42 AT ENTRY VESTIBULE, REFER TO A6.21 FILL ALL VOIDS BETWEEN CANOPY FRAMING WITH MINERAL WOOL

INSULATION AT EXTERIOR CONDITION. REFER TO A4.00 AND A6.21 WOOD FRAMING, REFER TO STRUCTURAL

1" METAL FURRING CHANNEL WHERE REQUIRED FOR FLUSH CONDITION 1/2" FIRE RETARDANT TREATED, PRESSURE TREATED PLYWOOD

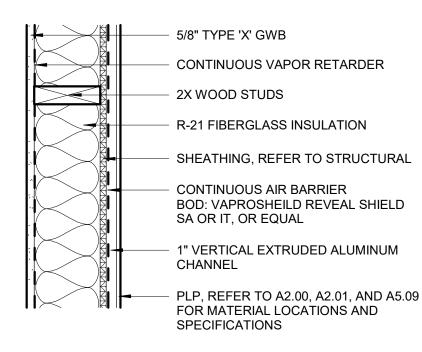
CONTINUOUS AIR BARRIER (BLACK) MP2 PERFORATED SOFFIT PANEL AND SUBGIRT. INSTALL PER MFG, REFER TO MATERIAL LEGEND. COLOR MATCH ANY EXPOSED FASTENERS PER MFG. OMIT AT INTERIOR OF VESTIBULE. REFER TO A6.21

# **EXTERIOR WALL ASSEMBLIES**



# **WALL TYPE Y**

RATING REF: PER IBC 722.6.2 FIRE RATING: 1-HOUR WHERE INDICATED ON G1.01



MP SYSTEM: PROVIDE COLOR MATCHED GASKETED FASTENERS AS REQUIRED BY METAL PANEL MANUFACTURER

# **WALL TYPE Z**

RATING REF: N/A FIRE RATING: 0-HOUR

WALL TYPE C

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RATING REF: GA WP 3644 / GA WP 3661

FIRE RATING: 1-HOUR WHERE INDICATED ON G1.01

5/8" TYPE 'X' GWB

2x WOOD STUDS

5/8" TYPE 'X' GWB

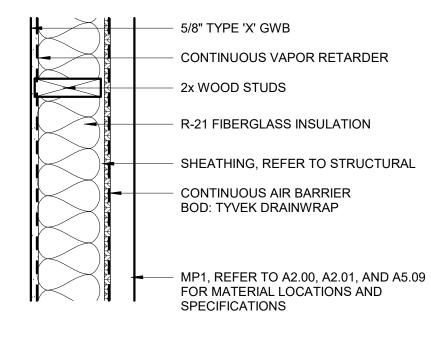
FIBERGLASS INSULATION WHERE

INDICATED FOR SOUND. MIN DENSITY .8

AND SMOKE DEVELOPED 450 OR LESS

SHEATHING, REFER TO STRUCTURAL

PCF WITH FLAME SPREAD OF 25 OR LESS

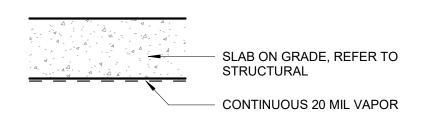


6 = 6" NOMINAL (5 1/2" ACTUAL) WOOD STUD

4 = 4" NOMINAL (3 5/8" ACTUAL) METAL STUD 6 = 6" NOMINAL (6" ACTUAL) METAL STUD

# FLOOR ASSEMBLIES

# FLOOR ASSEMBLY F1



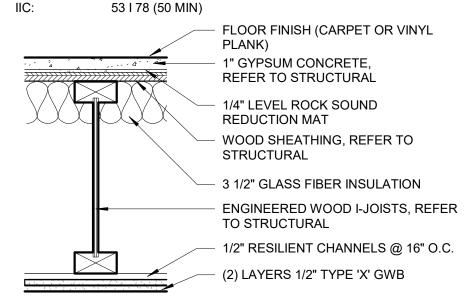
ADD ALT # 1: CONTINUOUS 20 MIL VAPOR INTRUSION BARRIER

**BOD: DRAGO WRAP INTRUSION** BARRIER (20 MIL), BY STEGO INDUSTRIES

NOTE: CONTRACTOR SHALL PERFORM SMOKE TEST. OWNER TO PROVIDE THIRD PARTY INSPECTOR. TO VERIFY THAT THE VAPOR INTRUSION BARRIER IS COMPLETELY SEALED AFTER INSTALLATION. A SMOKE MACHINE OR SIMILAR DEVICE IS TO BE UTILIZED TO BLOW SMOKE BENEATH THE BARRIER SO THAT ANY LEAKS CAN BE IDENTIFIED. IF SMOKE IS OBSERVED EXITING FROM ANY LOCATION WITHIN THE VAPOR INTRUSION BARRIER, THESE AREAS MUST BE RESEALED. THE SMOKE TEST WILL CONTINUE FOR EACH VAPOR BARRIER UNTIL NO SMOKE IS OBSERVED. THIRD PARTY INSPECTOR

# FLOOR ASSEMBLY F2

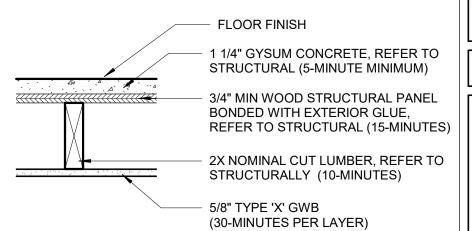
RATING REF: GA FILE NO. FC 5075 I UL L570 FIRE RATING: 1-HOUR FIRE RATING 55-59 (50 MIN)



F2 ASSEMBLY WITH JOISTS AT 24" O.C. GLASS FIBER INSULATION AND CARPET AND PAD FLOOR FINISH RESULT IN AN IIC RATING OF 78 F2 ASSEMBLY WITH JOISTS AT 24" O.C. GLASS FIBER INSULATION AND VINYL PLANK FLOOR FINISH RESULT IN AN ICC RATING OF 53.

# FLOOR ASSEMBLY F3

RATING REF: PER IBC 722.6.2 FIRE RATING: 1-HOUR



FRTIFICATE OF AUTHORIZATION NO SPARK DESIGN, LLC #AECL1394

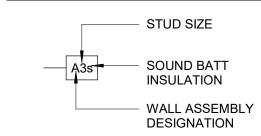
0 8HQ lesign-build suite 301 99518 7.771.9776 sig 0

# VERTICAL ASSEMBLY NOTES

SHALL BE ON SITE TO OBSERVE THE SMOKE-TESTING OF EACH

VAPOR INTRUSION BARRIER INSTALLED FOR THE PROJECT.

# WALL ASSEMBLY: TAG LEGEND



# STUD DIMENSIONS

4 = 4" NOMINAL (3 1/2" ACTUAL) WOOD STUD

# **WALL ASSEMBLIES GENERAL NOTES**

- 1. ALL DIMENSIONS ARE TO FACE OF STUD OR CONCRETE U.O.N. DIMENSIONS ARE TO THE MAIN FRAMING MEMBER AND NOT TO THE FACE
- SHOWN AS PART OF THE ASSEMBLY. REFER TO INTERIOR DRAWINGS AND/OR FINISH SCHEDULE FOR FINISH MATERIALS.

2. FINISH MATERIALS SUCH AS TILE, WALL COVERINGS, ETC. ARE NOT

- 3. PARTITIONS EXTENDING TO UNDERSIDE OF STRUCTURE ARE INDICATED ON REFLECTED CEILING PLANS.
- 4. REFER TO STRUCTURAL FOR GENERAL STUD SPACING REQUIREMENTS AND SPACING AT STRUCTURAL WALLS.
- 5. ALL GWB IS 5/8" TYPE 'X' UNLESS OTHERWISE NOTED.
- 6. MULTIPLE LAYERS OF GWB SHALL BE INSTALLED ON SAME SIDE OF WALL AS WALL TAG.
- 7. AT ALL TILE LOCATIONS REPLACE 5/8" GWB WITH CEMENT BACKER BOARD, TYPICAL.

# **ACOUSTIC NOTES:**

- 1. ACOUSTICAL WALLS EXTENDING FULL HEIGHT ARE SHOWN ON THE RCP.
- 2. ALL ACOUSTIC WALL ASSEMBLIES SHALL RECEIVE ACOUSTIC BATT INSULATION WITHIN STUD CAVITIES.
- 3. ALL PENETRATIONS THROUGH ASSEMBLIES WITH SOUND BATT INSULATION SHALL BE ACOUSTICALLY SEALED
- 4. APPLY PUTTY PAD BEHIND EACH BACK BOX FOR POWER, SIGNAL, TELECOM, ETC.
- 5. CONDUIT THAT MAY BRIDGE ACROSS STUD ROWS MUST BE FLEXIBLE AND GROSSLY SLACK.
- 6. CAULK BOTH SIDES OF WALL WITH ACOUSTICAL SEALANT FULL PERIMETER. NOT REQUIRED BEYOND 48" ABOVE ACOUSTICAL TILE CEILING.
- CAULK BOTH SIDES OF WALL WITH ACOUSTICAL SEALANT AROUND FULL PERIMETER OF PENETRATIONS.
- 8. FILL ANY GAPS BETWEEN TOP TRACK/DEFLECTION TRACK AND UNDERSIDE OF STRUCTURE WITH ACOUSTICAL BATT INSULATION. CAULK TOP OF WALL WITH ACOUSTICAL SEALANT.

HORIZONTAL ASSEMBLY NOTES

# INTERIOR WALL ASSEMBLIES

INSTALL PER MANUFACTURERS WRITTEN DETAILS AND INSTRUCTIONS.

ALUMINUM CHANNEL BOD: NORTHCLAD EF SERIES COLOR: PREFINISHED BLACK

WRAP ROUGH WINDOW OPENING WITH VAPROSHEILD REVEAL FLASHING SA PLUS LIQUAFLASH.

# WALL TYPE A

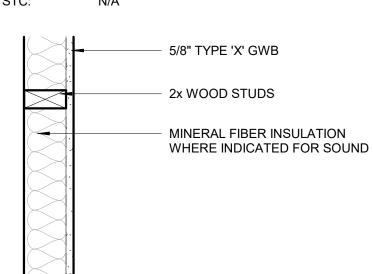
WALL TYPE F

**WALL TYPE X** 

RATING REF: N/A FIRE RATING: 0-HOUR

**CONTINUOUS AIR BARRIER BOD:** 

VAPROSHIELD REVEAL SHIELD SA OR IT, OR EQUAL



RATING REF: UL DESIGN U309 I GA WP 3242

50 TO 54

FIRE RATING: 1-HOUR WHERE INDICATED ON G1.01

5/8" TYPE 'X' GWB

2X WOOD STUDS

FOR SOUND.

STRUCTURAL

5/8" TYPE 'X' GWB

MINERAL OR GLASS FIBER

SHEATHING, REFER TO

INSULATION WHERE INDICATED

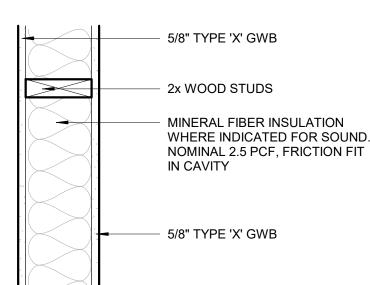
RESILIENT CHANNEL

# WALL TYPE B

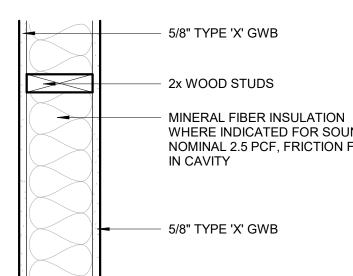
PLP SYSTEM: THE SYSTEM (CHANNELS, PANELS, AND FASTENERS) MUST BE INSTALLED WITH ALL COMPONENTS AS APPROVED

BY THE MANUFACTURER TO MAINTAIN FULL WARRANTY, FASTENERS SHALL BE PREFINISHED AND COLOR MATCHED.

FIRE RATING: 1-HOUR WHERE INDICATED ON G1.01

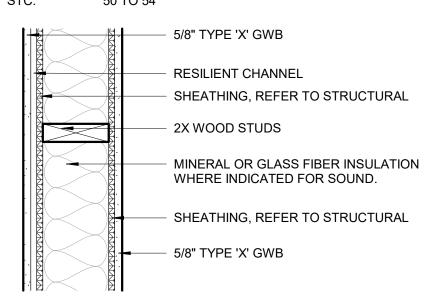


RATING REF: GA WP 3644 / GA WP 3661



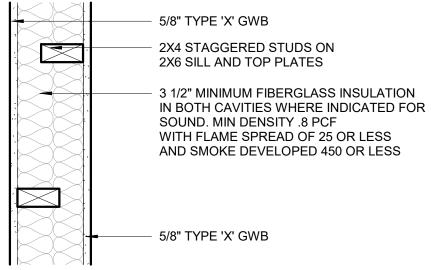
# **WALL TYPE G**

RATING REF: UL DESIGN U309 I GA WP 3242 FIRE RATING: 1-HOUR WHERE INDICATED ON G1.01 50 TO 54



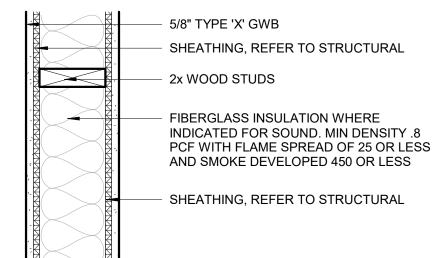
**WALL TYPE H** 

RATING REF: UL DESIGN U340 / GA WP 3371 FIRE RATING: 1-HOUR WHERE INDICATED ON G1.01 51 PER ASSEMBLY NO. 1.2.3.1.4.6 CALIFORNIA OFFICE OF NOISE CONTROL



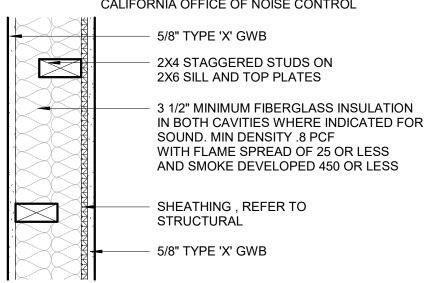
# WALL TYPE D

RATING REF: GA WP 3644 / GA WP 3661 FIRE RATING: 1-HOUR WHERE INDICATED ON G1.01



**WALL TYPE I** 

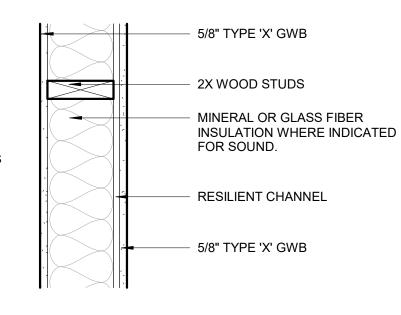
RATING REF: UL DESIGN U340 / GA WP 3371 FIRE RATING: 1-HOUR WHERE INDICATED ON G1.01 51 PER ASSEMBLY NO. 1.2.3.1.4.6 CALIFORNIA OFFICE OF NOISE CONTROL



# WALL TYPE E

**WALL TYPE J** 

RATING REF: UL U309 I GA WP 3242 FIRE RATING: 1-HOUR WHERE INDICATED ON G1.01 50 TO 54



RATING REF: UL DESIGN U340 / GA WP 3371

FIRE RATING: 1-HOUR WHERE INDICATED ON G1.01

51 PER ASSEMBLY NO. 1.2.3.1.4.6

5/8" TYPE 'X' GWB

CALIFORNIA OFFICE OF NOISE CONTROL

2X4 STAGGERED STUDS ON

2X6 SILL AND TOP PLATES

DEVELOPED 450 OR LESS

5/8" TYPE 'X' GWB

SHEATHING, REFER TO STRUCTURAL

3 1/2" MINIMUM FIBERGLASS INSULATION

IN BOTH CAVITIES WHERE INDICATED FOR

SOUND. MIN DENSITY .8 PCF WITH FLAME

SPREAD OF 25 OR LESS AND SMOKE

SHEATHING, REFER TO STRUCTURAL

FLOOR ASSEMBLY GENERAL NOTES

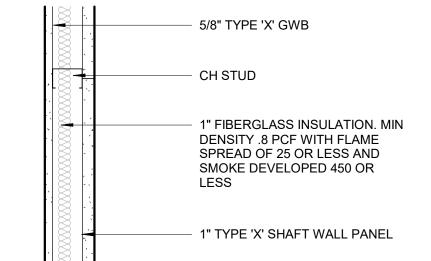
1. DIMENSIONS AND THICKNESS NOTED IN THE ASSEMBLIES ARE THE MINIMUM REQUIREMENTS TO MEET THE FIRE RESISTANCE AND/OR ICC RATINGS. REFER TO STRUCTURAL FOR ACTUAL THICKNESS/DEPTH WHERE INDICATED. NOTIFY ARCHITECT OF ANY DISCREPANCIES.

# DESCRIPTION

O

# **WALL TYPE K**

RATING REF: UL DESIGN U469 / GA WP7008 FIRE RATING: 1-HOUR WHERE INDICATED ON G1.01



REVIEWED

# N N IORIT Ĭ S

2023.03.08

DTW

SHEET NAME ASSEMBLY TYPES

SHEET NO

# **GENERAL NOTES:**

- ALL CIVIL SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS, STREET-DRAINAGE-UTILITIES-PARKS (2015) (M.A.S.S.) AND THE CONTRACT SPECIFICATIONS.
- THE CONTRACTOR SHALL VERIFY ALL SURVEY CONTROL, GRADES, INVERTS, STATIONING AND ALIGNMENTS PRIOR TO CONSTRUCTION AND ADVISE OF ANY DISCREPANCIES BETWEEN THE CONTRACT SURVEY AND THE DESIGN DRAWINGS.
- THE CONTRACTOR SHALL COORDINATE AND OBTAIN ALL NECESSARY PERMITS PRIOR TO BEGINNING CONSTRUCTION. THE FOLLOWING PERMITS AND SPECIFICATIONS SHALL BE MAINTAINED AND BE POSTED AT THE JOB SITE IN A VISIBLE LOCATION:
  - MOA CONSTRUCTION PERMITS - STORM WATER POLLUTION PREVENTION PLAN (SWPPP)
- 4. THE CONTRACTOR SHALL PROVIDE SOURCE OF FILL MATERIAL, DISPOSAL SITES AND HAUL ROUTES TO MOA AND OWNER PRIOR TO MOA CONSTRUCTION PERMIT APPROVAL.
- THE CONTRACTOR SHALL FOLLOW ALL MOA REGULATIONS FOR NOISE, HOURS OF OPERATION, AND DUST CONTROL.
- 6. DEWATERING WILL BE REQUIRED FOR ALL EXCAVATIONS THAT PENETRATE THE GROUND WATER SURFACE AND/OR TO REMOVE STORM WATER FROM BOTTOM OF HOLE. ALL RELATED COSTS ARE THE CONTRACTOR'S RESPONSIBILITY.
- THERE SHALL BE NO OVER EXCAVATION OR MINING OF MATERIALS UNLESS APPROVED IN WRITING BY THE OWNER
- 8. A GEOTECHNICAL INVESTIGATION REPORT DATED NOVEMBER 2022 WAS PREPARED BY NORTHERN GEOTECHNICAL ENGINEERING, INC. D.B.A. TERRA FIRMA TESTING FOR THE CIHA BREWSTER MULTI-FAMILY HOUSING DEVELOPMENT, WHICH INCLUDES THIS PROJECT SITE.
- ALL DAMAGE TO THE PROPERTY THAT IS CAUSED BY OR THAT RESULTS FROM CARRYING OUT OF THE WORK, OR FROM ANY ACT, OMISSION, OR NEGLECT OF THE CONTRACTOR, HIS SUBCONTRACTORS, OR HIS EMPLOYEES, SHALL PROMPTLY BE REMEDIED BY THE CONTRACTOR EITHER BY REPAIRING, REBUILDING, OR REPLACING OF THE PROPERTY DAMAGED OR IN SOME OTHER MANNER SATISFACTORY TO THE OWNER AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS.
- 10. WORK AREA SHALL BE SECURED TO PREVENT ACCESS AND INTERACTION BETWEEN PUBLIC AND ALL CONSTRUCTION ACTIVITIES.
- 11. SEE SHEET C5.00 FOR LEGEND, STANDARD DETAILS, ABBREVIATIONS, AND ADDITIONAL CONSTRUCTION NOTES.

# **CIVIL DEMOLITION NOTES:**

- LOCATIONS OF UTILITIES SHOWN ARE APPROXIMATE CONTRACTOR SHALL OBTAIN UTILITY FIELD LOCATES PRIOR TO EXCAVATION OR GRADING ACTIVITIES. VERIFY THE EXACT HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN THE FIELD AND RECORD SAME ON CONTRACTOR AS BUILT DRAWINGS.
- 2. ALL EXISTING SITE IMPROVEMENTS SHALL BE LEFT IN PLACE AND PROTECTED UNLESS NOTED OTHERWISE.
- 3. ALL ITEMS SCHEDULED FOR DEMOLITION SHALL BE REMOVED FROM THE PROJECT SITE AND SHALL BE DISPOSED OF BY THE CONTRACTOR UNLESS NOTED OTHERWISE.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS AS NECESSARY TO COMPLY WITH FEDERAL, STATE, AND MUNICIPAL LAWS THAT PROHIBIT UNPERMITTED DISCHARGE OF POLLUTANTS, INCLUDING SEDIMENTS, THAT ARE A RESULT OF EROSION AND OTHER CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL CONDUCT ALL WORK SO SEDIMENT IS NOT TRANSPORTED ONTO THE ROADWAY OR ADJACENT PROPERTY. AT A MINIMUM, THE CONTRACTOR SHALL SWEEP UP ANY SEDIMENT TRACKED ONTO PAVED SURFACES IN PUBLIC RIGHT-OF-WAY AT THE END OF EVERY SHIFT OR WITHIN 12 HOURS OF THE TRACKING TO MINIMIZE THE WASH-OFF OF SEDIMENT INTO THE STORM DRAINS OR WATERWAYS.

# **CIVIL DEMOLITION ITEMS:**

**ASPHALT REMOVAL:** 

REMOVE AND DISPOSE OF APPROXIMATELY 8,000 SF OF ASPHALT.

**CONCRETE REMOVAL:** 

REMOVE AND DISPOSE OF APPROXIMATELY 500 SF OF CONCRETE.

**EXISTING GRAVEL SURFACING:** 

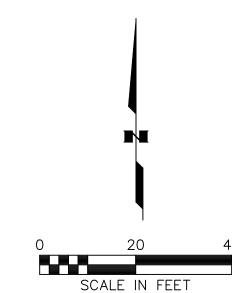
COORDINATE DEMOLITION LIMITS WITH SITE IMPROVEMENTS.

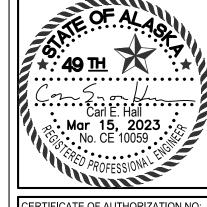
SAWCUT:

APPROXIMATELY 120 LF OF SAWCUT OF CONCRETE AND ASPHALT.

CURB & GUTTER DEMOLITION:

REMOVE AND DISPOSE OF APPROXIMATELY 120 LF OF CURB & GUTTER.





CERTIFICATE OF AUTHORIZATION NO R&M CONSULTANTS, INC #AECC11



SING

HOOH I-FAMIL BREWSTER MOO A 3825

REVISION SCHEDULE

DESCRIPTION

2023.03.08 REVIEWED

SHEET NAME **DEMOLITION PLAN & GENERAL NOTES** 

SHEET NO. C1.00

**MOUNTAIN VIEW DRIVE** 

BEFORE YOU D

Carl E. Hall

Mar 15, 2023

No. CE 10059

CERTIFICATE OF AUTHORIZATION NO:

R&M CONSULTANTS, INC.
Vanguard Drive • Anchorage, Alaska • 99507
e: 907.522.1707 • fax: 907.522.3403
nsult.com • email@rmconsult.com

SCALE IN FEET

BREWSTERS MULTI-FAMILY HOUSING 3825 MOUNTAIN VIEW DRIVE ANCHORAGE, ALASKA

REVISION SCHEDULE

# DESCRIPTION DAT

 JOB NO.
 3026.0°

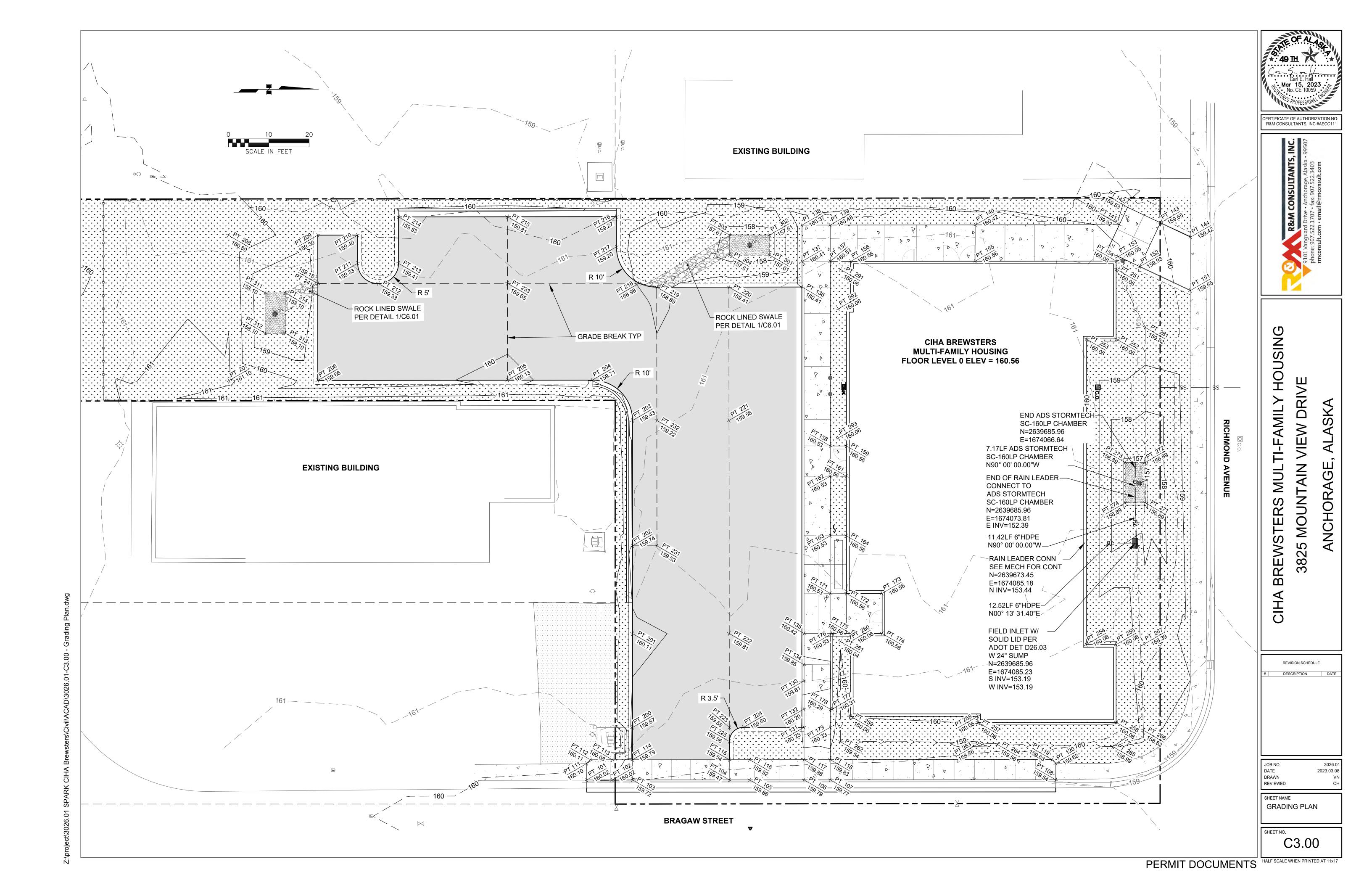
 DATE
 2023.03.08

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 REVIEWED
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SHEET NAME
SITE PLAN & SITE
SECTIONS

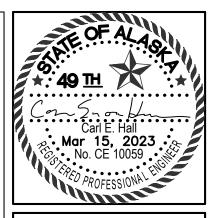
C2.00



	LAYOUT POINT TABLE					
POINT #	NORTHING	EASTING	ELEV.	DESCRIPTION		
101	2639550.03	1674143.88	160.02	TBC TYPE 1		
102	2639556.39	1674143.88	160.02	TBC TYPE 1		
103	2639561.39	1674143.88	159.72	TBC TYPE 1A		
104	2639585.39	1674143.87	159.47	TBC TYPE 1A		
105	2639590.39	1674143.87	159.86	TBC TYPE 1		
106	2639603.89	1674143.86	159.79	TBC TYPE 1		
107	2639610.39	1674143.86	159.77	TBC TYPE 1		
108	2639666.27	1674143.84	159.54	TBC TYPE 1		
111	2639550.02	1674139.81	160.10	EDGE OF CONCRETE (MATCH EXISTING)		
112	2639550.96	1674138.88	160.11	EDGE OF CONCRETE		
113	2639556.39	1674138.88	160.08	EDGE OF CONCRETE		
114	2639561.39	1674138.88	159.79	EDGE OF CONCRETE		
115	2639585.39	1674138.87	159.54	EDGE OF CONCRETE		
116	2639590.39	1674138.87	159.92	EDGE OF CONCRETE		
117	2639603.89	1674138.86	159.86	EDGE OF CONCRETE		
118	2639610.39	1674138.86	159.83	EDGE OF CONCRETE		
119	2639665.35	1674138.84	159.63	EDGE OF CONCRETE		
120	2639666.27	1674139.76	159.62	EDGE OF CONCRETE (MATCH EXISTING)		
131	2639603.89	1674130.84	160.23	TBC TYPE 3		
132	2639603.89	1674126.32	160.20	TBC TYPE 3		
133	2639603.88	1674119.35	159.81	TBC TYPE 1A		
134	2639603.89	1674115.33	159.85	TBC TYPE 1A		
135	2639603.89	1674107.60	160.42	TBC TYPE 3		
136	2639603.39	1674021.76	160.41	TBC TYPE 3		
137	2639603.39	1674015.42	160.41	EDGE OF CONCRETE		
138	2639603.39	1674006.43	160.37	EDGE OF CONCRETE		
139	2639610.38	1674006.42	160.48	EDGE OF CONCRETE		
140	2639646.36	1674006.37	160.42	EDGE OF CONCRETE		
141	2639682.04	1674006.32	159.92	EDGE OF CONCRETE		
142	2639684.07	1674002.01	159.83	EDGE OF CONCRETE		
143	2639692.21	1674005.85	159.65	EDGE OF CONCRETE		
144	2639699.71	1674009.38	159.42	EDGE OF CONCRETE (MATCH EXISTING)		
151	2639699.65	1674022.62	159.65	EDGE OF CONCRETE (MATCH EXISTING)		
152	2639687.10	1674016.70	159.93	EDGE OF CONCRETE		
153	2639681.77	1674014.19	160.05	EDGE OF CONCRETE		
154	2639681.24	1674015.32	160.06	TOP OF CONCRETE		
155	2639646.33	1674015.34	160.56	TOP OF CONCRETE		
156	2639615.46	1674015.40	160.56	TOP OF CONCRETE		
157	2639610.39	1674015.42	160.53	TOP OF CONCRETE		
158	2639610.39	1674061.13	160.53	TOP OF CONCRETE		

		LAYOUT PO	INT TAB	LE
POINT#	NORTHING	EASTING	ELEV.	DESCRIPTION
159	2639614.39	1674061.13	160.56	TOP OF CONCRETE
161	2639614.39	1674068.63	160.56	TOP OF CONCRETE
162	2639610.39	1674068.63	160.53	TOP OF CONCRETE
163	2639610.39	1674083.40	160.53	TOP OF CONCRETE
164	2639614.39	1674083.40	160.56	TOP OF CONCRETE
171	2639610.39	1674097.65	160.53	TOP OF CONCRETE
172	2639614.39	1674097.65	160.56	TOP OF CONCRETE
173	2639623.25	1674097.65	160.56	TOP OF CONCRETE
174	2639623.25	1674107.60	160.56	TOP OF CONCRETE
175	2639615.46	1674107.60	160.56	TOP OF CONCRETE
176	2639610.89	1674107.60	160.53	TOP OF CONCRETE
177	2639610.89	1674126.34	160.31	TOP OF CONCRETE
178	2639610.39	1674126.34	160.29	TOP OF CONCRETE
179	2639610.39	1674130.84	160.33	TOP OF CONCRETE
200	2639561.39	1674130.89	159.87	EDGE OF AC PAVEMENT
201	2639561.39	1674107.63	160.11	EDGE OF AC PAVEMENT
202	2639561.39	1674085.88	159.74	EDGE OF AC PAVEMENT
203	2639561.39	1674054.83	159.43	EDGE OF AC PAVEMENT
204	2639551.39	1674044.83	159.71	EDGE OF AC PAVEMENT
205	2639530.44	1674044.85	160.13	EDGE OF AC PAVEMENT
206	2639483.39	1674044.92	159.66	EDGE OF AC PAVEMENT
207	2639461.38	1674044.95	161.10	SPOT ELEVATION
208	2639461.23	1674008.94	160.80	SPOT ELEVATION
209	2639483.39	1674008.91	159.30	EDGE OF AC PAVEMENT
210	2639493.27	1674008.90	159.40	EDGE OF AC PAVEMENT
211	2639493.27	1674015.89	159.33	EDGE OF AC PAVEMENT
212	2639498.41	1674020.90	159.33	EDGE OF AC PAVEMENT
213	2639503.41	1674015.90	159.41	EDGE OF AC PAVEMENT
214	2639503.39	1674004.39	159.53	EDGE OF AC PAVEMENT FRONT OF CURB TYPE 3
215	2639530.39	1674004.35	159.81	EDGE OF AC PAVEMENT FRONT OF CURB TYPE 3
216	2639557.39	1674004.32	159.27	EDGE OF AC PAVEMENT FRONT OF CURB TYPE 3
217	2639557.39	1674011.81	159.20	EDGE OF AC PAVEMENT
218	2639563.04	1674020.81	158.98	EDGE OF AC PAVEMENT
219	2639567.39	1674021.81	158.89	EDGE OF AC PAVEMENT
220	2639585.28	1674021.78	159.41	EDGE OF AC PAVEMENT
221	2639585.31	1674054.80	159.56	TOP OF AC PAVEMENT
222	2639585.36	1674107.61	159.81	TOP OF AC PAVEMENT
223	2639585.39	1674130.86	159.58	TOP OF AC PAVEMENT
224	2639588.89	1674130.86	159.60	EDGE OF AC PAVEMENT
225	2639585.39	1674134.35	159.56	EDGE OF AC PAVEMENT

POINT #	NORTHING	EASTING	ELEV.	DESCRIPTION
POINT #	NORTHING	EASTING	ELEV.	
231	2639567.45	1674085.88	159.53	SPOT ELEVATION TOP OF AC PAVEMENT
232	2639567.42	1674054.82	159.22	SPOT ELEVATION TOP OF AC PAVEMENT
233	2639530.41	1674020.85	159.65	SPOT ELEVATION TOP OF AC PAVEMENT
241	2639483.39	1674020.90	159.18	EDGE OF AC PAVEMEN
251	2639681.24	1674017.32	160.06	SPOT ELEVATION
252	2639681.24	1674034.62	160.06	SPOT ELEVATION
253	2639673.81	1674034.62	160.06	SPOT ELEVATION
254	2639673.81	1674110.34	160.06	SPOT ELEVATION
255	2639681.24	1674110.34	160.06	SPOT ELEVATION
256	2639681.24	1674129.62	160.06	SPOT ELEVATION
257	2639646.96	1674129.62	160.06	SPOT ELEVATION
258	2639646.96	1674128.12	160.06	SPOT ELEVATION
259	2639615.46	1674128.12	160.06	SPOT ELEVATION
260	2639615.46	1674109.60	160.06	SPOT ELEVATION
261	2639612.92	1674109.60	160.04	SPOT ELEVATION
262	2639612.92	1674134.42	159.54	SPOT ELEVATION
263	2639646.86	1674135.03	158.86	SPOT ELEVATION
264	2639651.86	1674135.12	159.56	SPOT ELEVATION
265	2639680.43	1674135.63	158.99	SPOT ELEVATION
266	2639688.01	1674131.59	158.82	SPOT ELEVATION
267	2639688.18	1674110.23	158.39	SPOT ELEVATION
271	2639688.46	1674075.23	156.89	SPOT ELEVATION
272	2639688.46	1674065.23	156.89	SPOT ELEVATION
273	2639683.46	1674065.23	156.89	SPOT ELEVATION
274	2639683.46	1674075.23	156.89	SPOT ELEVATION
281	2639688.46	1674031.77	159.82	SPOT ELEVATION
291	2639612.92	1674017.41	160.06	SPOT ELEVATION
292	2639612.39	1674027.18	160.06	SPOT ELEVATION
293	2639612.39	1674059.13	160.06	SPOT ELEVATION
301	2639595.39	1674013.86	157.61	SPOT ELEVATION
302	2639595.39	1674008.86	157.61	SPOT ELEVATION
303	2639585.39	1674008.86	157.61	SPOT ELEVATION
304	2639585.39	1674013.86	157.61	SPOT ELEVATION
311	2639470.32	1674023.21	158.10	EDGE OF AC PAVEMEN
312	2639470.32	1674033.21	158.10	EDGE OF AC PAVEMEN
313	2639475.32	1674033.21	158.10	EDGE OF AC PAVEMEN
314	2639475.32	1674023.21	158.10	EDGE OF AC PAVEMENT



CERTIFICATE OF AUTHORIZATION NO: R&M CONSULTANTS, INC #AECC111



# SIHA BREWSTERS MULTI-FAMILY HOUSING 3825 MOUNTAIN VIEW DRIVE

ALASKA

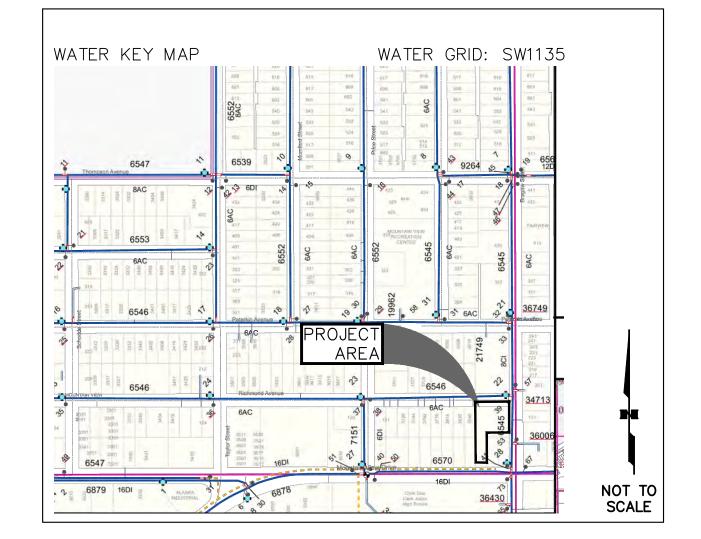
ANCHORAGE

# DESCRIPTION DATE

JOB NO. DATE DRAWN REVIEWED

SHEET NAME
LAYOUT POINT
TABLES

SHEET NO. C4.00



**MECH** 

NTS

O.C.

OD

PVC

**ROW** 

ABBREVIATIONS (CONTINUED)

**MECHANICAL** 

MUNICIPALITY OF ANCHORAGE

MINIMUM

NORTHING

ON CENTER

NOT TO SCALE

RIGHT OF WAY

STORM DRAIN

SQUARE FEET

**TYPICAL** 

VALVE BOX

SANITARY SEWER

PREVENTION PLAN

TOP BACK OF CURB

STORM WATER POLLUTION

OUTER DIAMETER

POLYVINYL CHLORIDE

# LINE, SYMBOL, AND HATCH LEGEND

 $\Box$ 

 $\bigcirc$ 

-

亚

E

□U.E.

O-OEM

Oc.o.

EXISTING	PROPOSED	
		SUBJECT PROPERTY LINE
		EASEMENT LINE
		CONTOUR
—— X — ——		CHAIN LINK FENCE
	<del></del>	WOOD FENCE, SEE LANDSCAPE
		DECORATIVE FENCE, SEE LANDSCAPE
——— W ———	w	WATER LINE
		UNPAVED (GRAVEL) EDGE OF ROAD
		EDGE OF PAVEMENT
		CURB & GUTTER
	•	DRAINAGE SWALE
		STORM DRAIN LINE
—— SS ——		SANITARY SEWER LINE
	— D —	INFILTRATION PIPING
—— SD ——		GAS LINE
— OH/E —		OVERHEAD ELECTRIC LINE
—— UG/E ——		UNDERGROUND ELECTRIC LINE
—— UG/C ——		UNDERGROUND COMMUINICATIONS
•		FOUND BRASS OR ALUM. CAP MONUMENT
<b>(a)</b>		FOUND BENCHMARK
		MONITORING WELL
0	•	BOLLARD, POST, PIPE
	E	HANDICAPPED PARKING
$\bowtie$	<b>—</b>	WATER KEY BOX/VALVE MARKER
		FIRE HYDRANT
(_)SD		STORM DRAIN MANHOLE

STORM DRAIN CURB INLET

STORM DRAIN FIELD INLET

SANITARY SEWER MANHOLE

SANITARY SEWER CLEANOUT

**OBSERVATION PORT** 

UTILITY POLE

JUNCTION BOX

**ELECTRIC SWITCH** 

ELECTRIC PEDESTAL

ELECTRIC METER

**HEADBOLT PLUG-IN** 

ASPHALT PAVEMENT

**GAS METER** 

**GRAVEL** 

CONCRETE

LANDSCAPING

G.M.

JUNCTION BOX (TYPE 1A)

ELECTRIC TRANSFORMER

ELECTRIC VAULT / MANHOLE

TELECOMMUNICATIONS PEDESTAL

**GUY WIRE** 

LUMINAIRE

# STANDARD DETAILS:

**ABBREVIATIONS** 

CONC

DEMO

DIA

DIP

DTL

EΑ

FT

MAX

SURVEY NOTES:

ELEV

**AMERICANS WITH** 

**DISABILITIES ACT** 

DUCTILE IRON PIPE

CONCRETE

DIAMETER

DETAIL

**EXISTING** 

**EASTING** 

**ELEVATION** 

FINISHED FLOOR

FURNISH AND INSTALL

MUNICIPALITY OF ANCHORAGE TYP

2. ALL DISTURBED PROPERTY CORNERS SHALL BE REPLACED BY THE

CONTRACTOR IN ACCORDANCE WITH SPECIAL PROVISION 65.02, ARTICLE 2.1

STANDARD SPECIFICATIONS

EACH

FEET

**INVERT** 

LENGTH

MAXIMUM

PROJECT CONTROL.

LINEAL FEET

CONTOUR INTERVAL = 1 FOOT.

**DEMOLITION** 

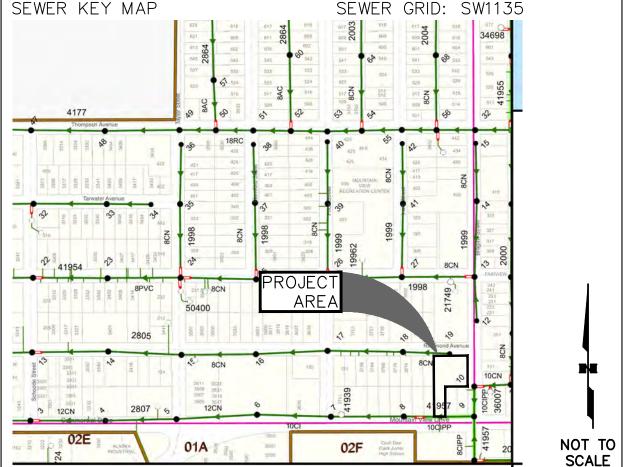
THE FOLLOWING M.A.S.S. STANDARD DETAILS APPLY TO THIS PROJECT: TRENCH BACKFILL AND BEDDING CLASS "B" BEDDING MATERIAL TYPE II CLASSIFIED FILL AND BACKFILL 20-15 TYPE II-A CLASSIFIED FILL AND **BACKFILL** LEVELING COURSE **CURB AND GUTTER CROSS SECTIONS** DRIVEWAY CURB-CUT WITH ATTACHED SIDEWALK ACCESSIBLE (TYPE 1A/2A) CURB AND **GUTTER SECTIONS** 

SANITARY SEWER SERVICE (COMPLETE) 60-03 TRACER WIRE

TYPICAL PIPE ANGLE MARKER THRUST BLOCK 60-06 60-08 TYPICAL VALVE BOX (VB)

ANODE DETAIL 60-20 ANODE WIRE CONNECTION





# GENERAL WATER/SEWER CONSTRUCTION NOTES

- 1. ALL CONSTRUCTION SHALL BE INSTALLED AS SPECIFIED IN THE MOST CURRENT EDITION OF THE MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS FOR STREETS-DRAINAGE-UTILITIES-PARKS (MASS) AND THE THE AWWU DESIGN AND CONSTRUCTION PRACTICES MANUAL.
- MAINTAIN A MINIMUM OF TEN (10) FEET HORIZONTAL SEPARATION BETWEEN WATER AND SANITARY OR STORM SEWER MAINS AND SERVICES. SANITARY AND STORM SEWER PIPE JOINTS SHALL BE PLACED AT LEAST NINE (9) FEET FROM ANY WATERLINE CROSSING.
- MAINTAIN A MINIMUM OF 36-INCHES OF VERTICAL SEPARATION BETWEEN ANY STORM SEWER (STORM DRAIN OR FOOTING DRAIN) AND WATERLINE (MAINS OR SERVICES) OR SANITARY SEWER (MAINS OR SERVICES). IF 36-INCHES CANNOT BE MAINTAINED, PROVIDE A MINIMUM OF 4-INCH THICK INSULATION AND 18" MINIMUM VERTICAL SEPARATION.
- ALL WATER/SEWER PIPE INSULATION SHALL BE RIGID BOARD. HIGH DENSITY EXTRUDED POLYSTYRENE, MIN. 60 P.S.I., FOR UNDERGROUND INSTALLATIONS EQUIVALENT TO R-20 PER FOUR (4) INCH THICK INSULATION.
- CONTRACTOR SHALL VERIFY AND RECORD THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN THE FIELD AND RECORD ANY CHANGES ON THE CONTRACTOR RECORD DRAWINGS.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED PROPERTY, INCLUDING DRAINAGE SWALES, DISTURBED BY CONTRACT ACTIVITIES TO PRECONSTRUCTION CONDITION.
- 7. IN CASE OF CONFLICT BETWEEN STATIONING LOCATION OF PIPE OR FITTINGS, USE DIMENSIONED LOCATIONS RELATIVE TO THE CENTERLINE AND PROPERTY LINE, THE DIMENSIONED LOCATIONS SHALL GOVERN.
- THE CONTRACTOR SHALL RECORD SURVEY NOTES FOR SUBMITTAL WITH RECORD DRAWING PLANS PRIOR TO CONTRACT FINAL PAYMENT.
- CONTRACTOR SHALL FIELD INSTALL RESTRAINED FITTINGS ON ALL MECHANICAL JOINTS.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS AS NECESSARY TO COMPLY WITH FEDERAL, STATE, AND MUNICIPAL LAWS THAT PROHIBIT UNPERMITTED DISCHARGE OF POLLUTANTS, INCLUDING SEDIMENTS, THAT ARE A RESULT OF EROSION AND OTHER CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL CONDUCT ALL WORK SO SEDIMENT IS NOT TRANSPORTED ONTO THE ROADWAY OR ADJACENT PROPERTY. AT A MINIMUM, THE CONTRACTOR SHALL SWEEP UP ANY SEDIMENT TRACKED ONTO PAVED SURFACES IN PUBLIC RIGHT-OF-WAY WITHIN 24 HOURS O THE TRACKING TO MINIMIZE THE WASH-OFF OF SEDIMENT INTO THE STORM DRAINS OR WATERWAYS.
- WATER FROM DEWATERING EFFORTS MAY NOT BE DISCHARGED TO EXISTING STORM DRAINS UNLESS PERMITS ARE ACQUIRED BY THE CONTRACTOR INCLUDING THOSE REQUIRED BY THE MOA STORM WATER PLAN REVIEW OFFICE. THE CONTRACTOR IS RESPONSIBLE FOR SECURING ALL PERMITS AND APPROVALS.
- THE EXISTING INFORMATION SHOWN IN THE PLANS IS FROM AS-BUILTS AND HAS BEEN PARTIALLY FIELD VERIFIED. FIELD CONDITIONS MAY NOT BE ACCURATELY REPRESENTED AND/OR MAY HAVE CHANGED. ADJUST INSTALLATIONS AS DIRECTED BY THE ENGINEER.

## SEWER SERVICE CONSTRUCTION NOTES

- EXISTING CUSTOMERS SHALL BE NOTIFIED SEVENTY-TWO (72) HOURS IN ADVANCE OF SANITARY SEWER SERVICE INTERRUPTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY SANITARY SEWER SERVICE TO THE EXISTING CUSTOMERS IF DEEMED NECESSARY BY THE ENGINEER.
- PROPOSED SANITARY SEWER SERVICE SHALL BE 6-INCH PVC, C 900 PIPE WITH A MINIMUM SLOPE OF 1%.
- SANITARY SEWER SERVICE SHALL BE PLACED NO CLOSER THAN: 15 FEET HORIZONTALLY MEASURED TO ANY FIRE HYDRANT OR FIRE HYDRANT LEG: 10 FEET HORIZONTALLY MEASURED TO ANY WATER MAIN, WATER SERVICE, STORM SEWER, FOOTING DRAIN, STREET LIGHT, TRANSFORMER PAD, ELECTRICAL/TELEPHONE/CABLE BOX; AND 5 FEET HORIZONTALLY MEASURED TO ANY SIDE LOT LINE.
- ALL PIPE BEDDING SHALL BE MOA CLASS E. SEWER SERVICE TRENCHES AND BEDDING SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
- THE CONTRACTOR SHALL RELOCATE ANY SEWER SERVICE CONNECTIONS INSTALLED WITH LESS THAN MINIMUM STANDARD MEASURED DISTANCES PRIOR TO FINAL ACCEPTANCE BY AWWU

# WATER SERVICE CONSTRUCTION NOTES

- AWWU, AND ANCHORAGE FIRE DEPARTMENT SHALL BE NOTIFIED SEVENTY-TWO (72) HOURS IN ADVANCE OF WATER SERVICE INTERRUPTION. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY WATER SERVICE TO THE EXISTING CUSTOMERS IF THE OUTAGE EXCEEDS 6-HOURS OR IF DEEMED NECESSARY BY THE ENGINEER. THE CONTRACTOR SHALL HAVE A TEMPORARY WATER SERVICE PLAN REVIEWED AND APPROVED BY ADEC.
- ALL WATER SERVICES SHALL BE 6-INCH PVC, C 900 PIPE.
- ALL BENDS, TEES, AND DEAD ENDS SHALL HAVE RESTRAINED FITTINGS.
- THRUST RESTRAINT SHALL BE PROVIDED BY USE OF FIELD-LOK GASKETS (OR EQUAL) OR MEG-A-LUG FITTINGS (OR EQUAL) ON ALL MECHANICAL JOINTS. THE USE OF THRUST BLOCKS WILL NOT BE ALLOWED FOR DUCTILE IRON PIPE, BUT ARE REQUIRED FOR PVC PIPE (DIP FITTINGS).
- WATER SERVICES SHALL BE PLACED NO CLOSER THAN: 15 FEET HORIZONTALLY MEASURED TO ANY FIRE HYDRANT OR FIRE HYDRANT LEG; 10 FEET HORIZONTALLY MEASURED TO ANY SANITARY SEWER MAIN, SANITARY SEWER SERVICE, STORM SEWER, FOOTING DRAIN, STREET LIGHT, TRANSFORMER PAD, ELECTRICAL/TELEPHONE/CABLE BOX; AND 5 FEET HORIZONTALLY MEASURED TO ANY SIDE LOT LINE.
- THE CONTRACTOR SHALL PROVIDE ALL SETUP AND TEAR DOWN REQUIRED TO OPEN BORE FLUSH NEWLY INSTALLED WATER PIPE. AWWU WILL PROVIDE FLUSH WATER FROM THE AWWU WATER DISTRIBUTION SYSTEM THE CONTRACTOR MUST REQUEST WATER AT LEAST 48 HOURS PRIOR TO OPEN BORE FLUSHING. OPEN BORE FLUSHING MUST TAKE PLACE PRIOR TO INSTALLATION OF WATER SERVICES.
- ALL WATER MAIN AND SERVICE TRENCHES AND BEDDING SHALL BE COMPACTED TO 95% OF MAXIMUM DENSITY.
- ALL WATER MAINS AND SERVICES SHALL HAVE A MINIMUM OF 10 FEET OF BURY AT ALL POINTS.
- ALL PIPE BEDDING SHALL BE CLASS 'E'.
- THE CONTRACTOR SHALL RELOCATE ANY WATER SERVICE CONNECTIONS INSTALLED WITH LESS THAN MINIMUM STANDARD DISTANCES PRIOR TO ACCEPTANCE BY AWWU.
- 11. ALL VALVES SHALL HAVE CATHODIC PROTECTION INSTALLED PER MASS DETAILS 60-20 AND 60-21.

# DRAWING

	RECORD	DRAWING
Т		that these Record Drawings representation of the project
F	CONTRACTOR: BY:	_TITLE:
) <b>Y</b>	2. DATA TRANSFERRED BY: _ COMPANY:	

COMPANY:

. Based on periodic field observations by the Engineer (or an individual under his/her direct supervision), the Contractor-provided data appears to represent the project as constructed. DATA TRANSFER CHECKED BY:

\_TITLE:\_

DATE:

SW 1135 PS23-### USE OF BUILDING RESIDENTIAL

OWNER:

CONTACT:

CARL HALL, P.E.

(907) 522-1707

SUBDIVISION

**COOK INLET HOUSING AUTHORITY** 

3510 SPENARD ROAD

ANCHORAGE, AK 99503

**R&M CONSULTANTS, INC** 

9101 VANGUARD DRIVE

ANCHORAGE, AK 99507

LEGAL DESCRIPTION:

LOT 1B, LOT 1, MOUNTAIN VIEW

AWWU SHEET 1 OF 2

F OF ALASA • Mar 15, 2023 • No. CE 10059

CERTIFICATE OF AUTHORIZATION NO R&M CONSULTANTS. INC #AECC11

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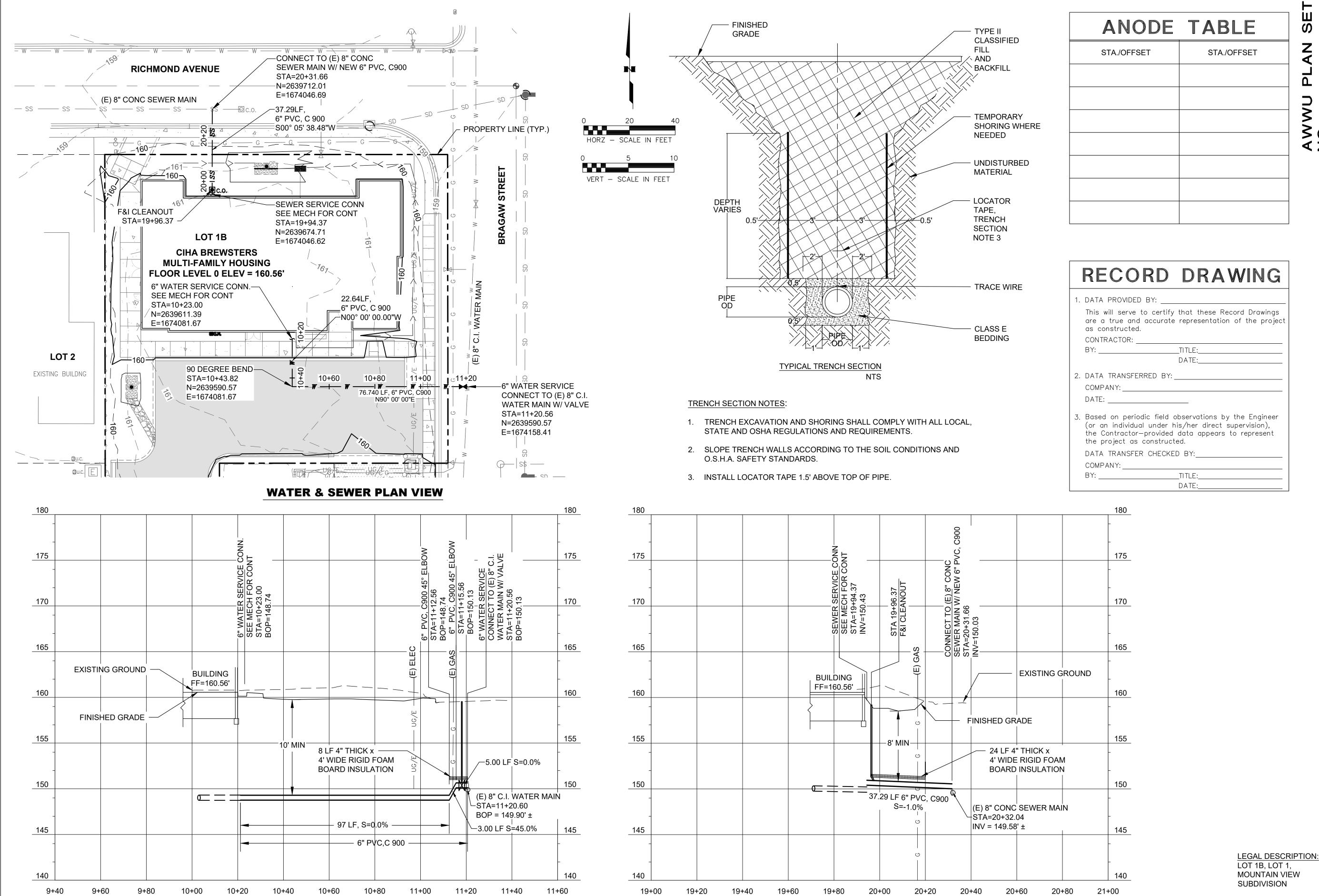
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REVISION SCHEDULE DESCRIPTION

3026.01 2023.03.08 REVIEWED

SHEET NAME UTILITY SERVICES AND KEY MAPS

SHEET NO. C5.00



**SEWER SERVICE PROFILE VIEW** 

**WATER SERVICE PROFILE VIEW** 

Carl E. Hall

Mar 15, 2023

No. CE 10059

PROFESSIONALE

CERTIFICATE OF AUTHORIZATION NO:
R&M CONSULTANTS, INC #AECC111

R&M CONSULTANTS, INC.
9101 Vanguard Drive • Anchorage, Alaska • 99507
phone: 907.522.1707 • fax: 907.522.3403
rmconsult.com • email@rmconsult.com

# BREWSTERS MULTI-FAMILY HOUSING 3825 MOUNTAIN VIEW DRIVE ANCHORAGE, ALASKA

REVISION SCHEDULE

CIHA

DESCRIPTION DATE

JOB NO. 3026.01 DATE 2023.03.08

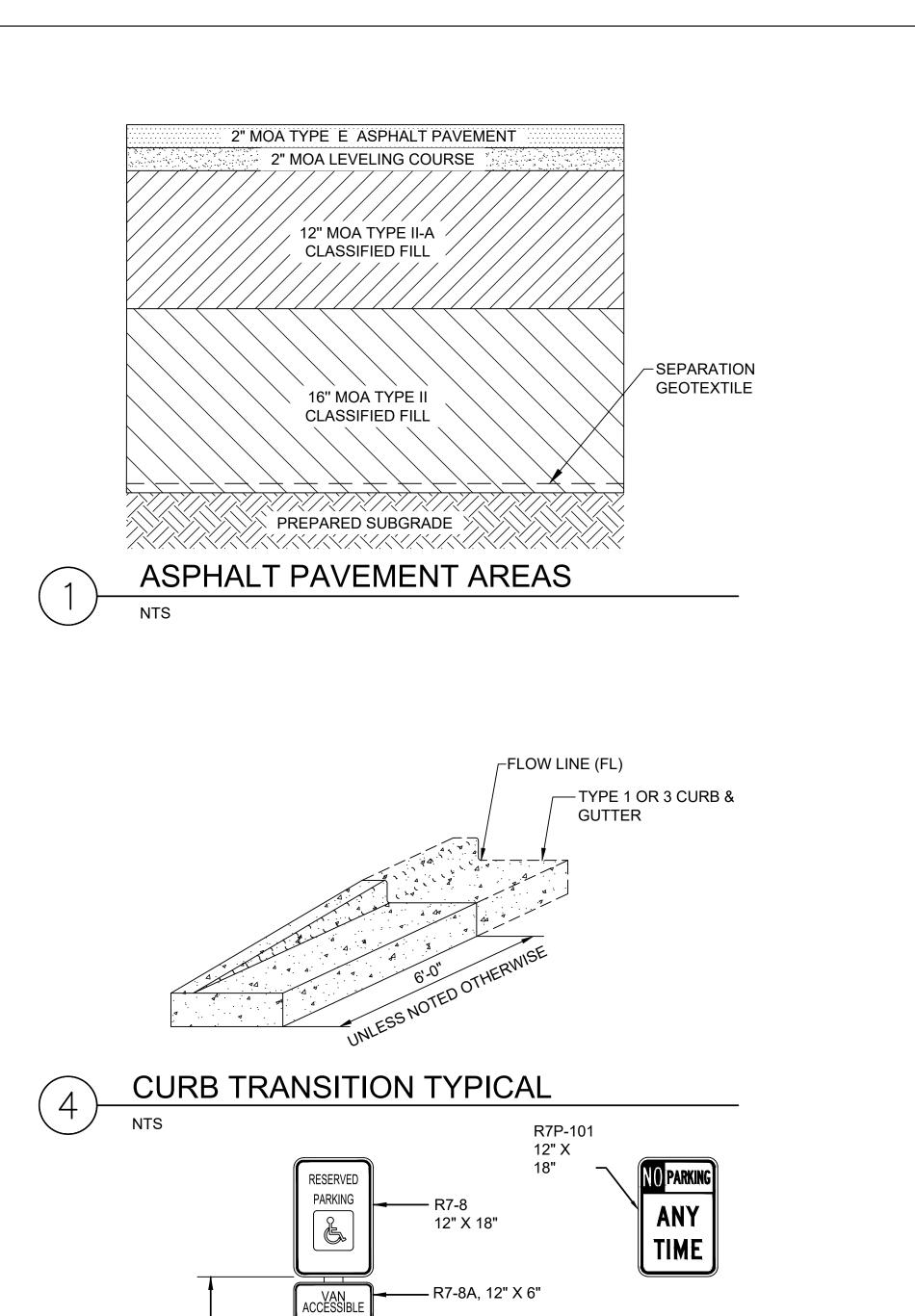
JOB NO. 3026.0
DATE 2023.03.0
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REVIEWED C

SHEET NAME
WATER AND SEWER
SERVICES

C5.01

PS23-###
AWWU SHEET 2 OF 2

SW 1135



— 2 1/2" P.S.T.

· 3/8" DIA BOLT, NUT & FLAT

CONCRETE FOOTING, CLASS

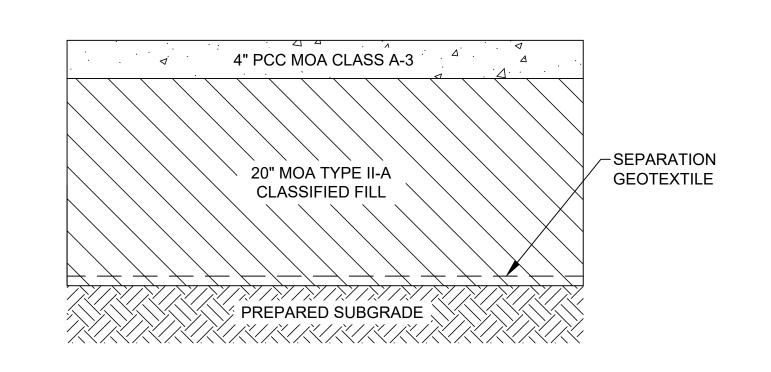
WASHER, GALVANIZED

SURFACING PER PLAN

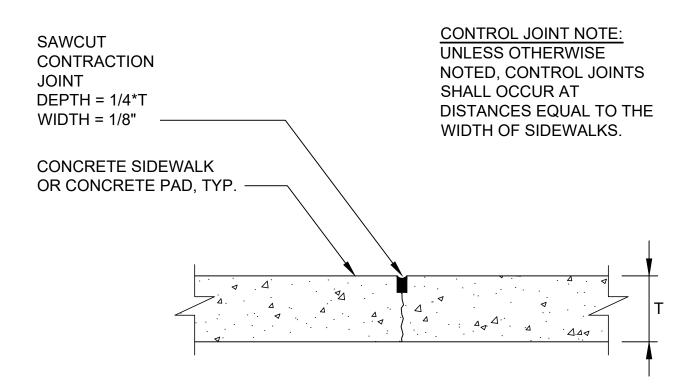
- FINISHED GRADE

-STEEL POST

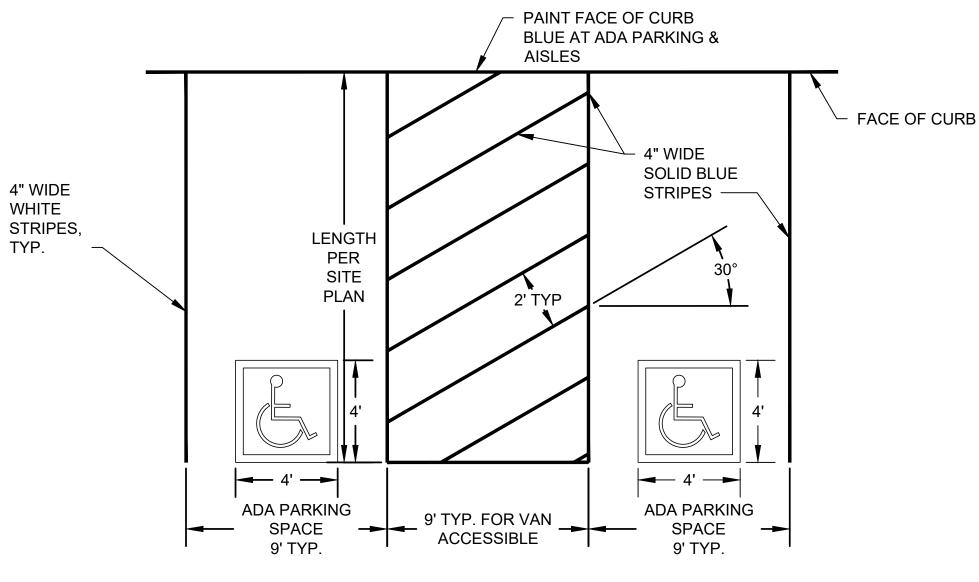
SIGN AND SIGN POST FOUNDATION



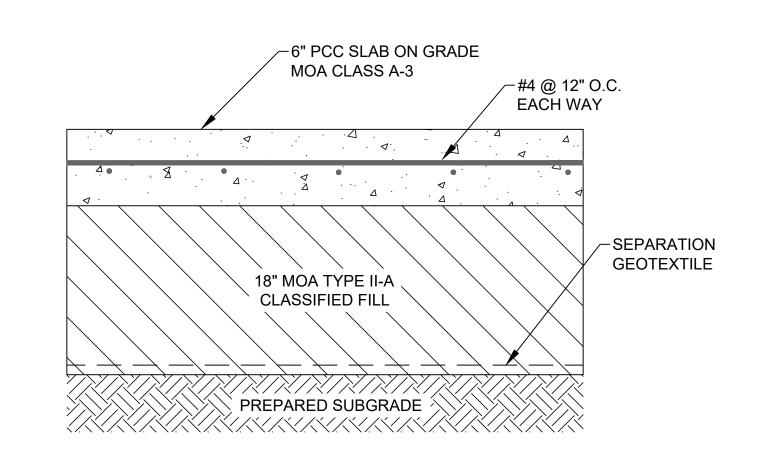


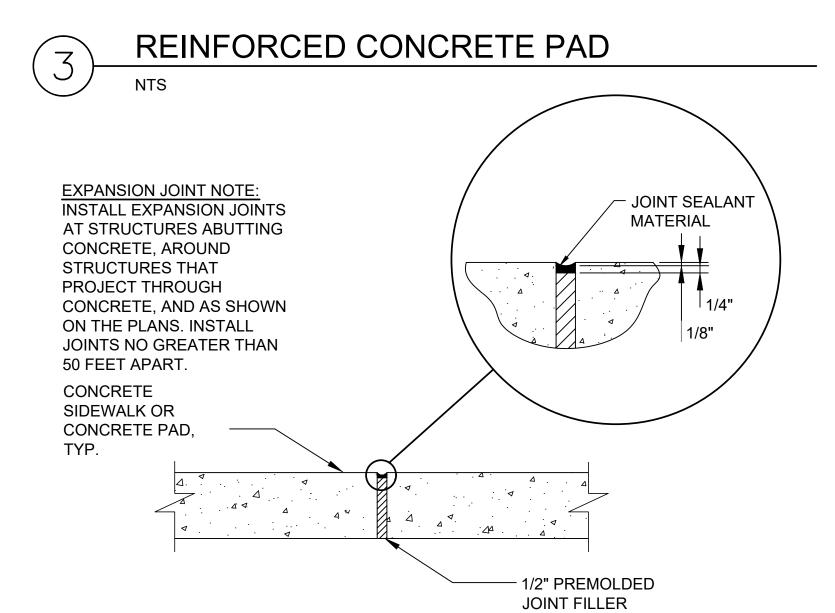




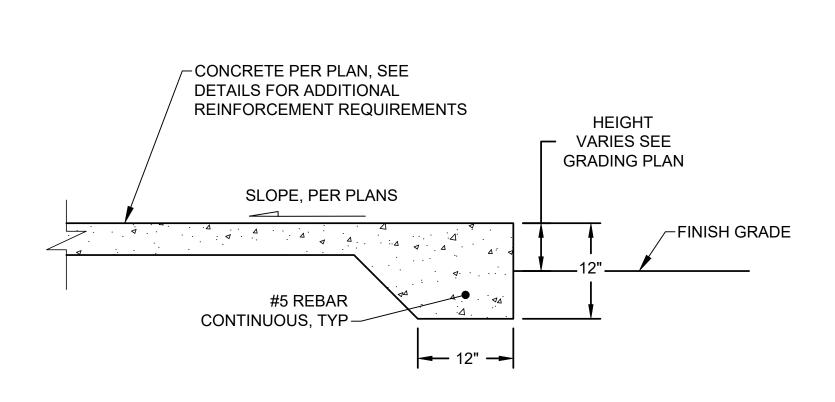


PARKING SPACE TYPICAL MARKING

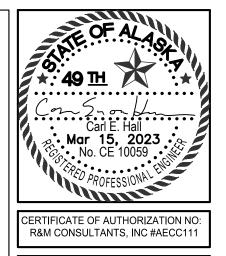




**EXPANSION JOINT** 



THICKENED CONCRETE EDGE



HOUSING **VIEW DRIVE** TI-FAMILY ANCHOR 3825 MOUN BREWSTER

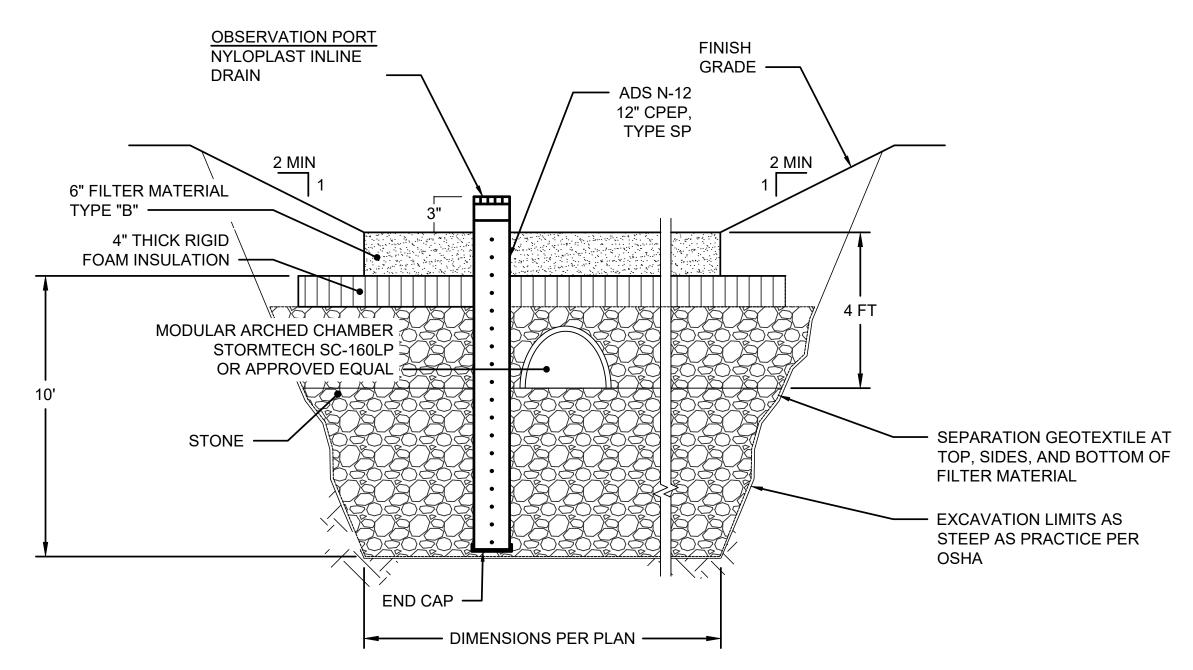
REVISION SCHEDULE DESCRIPTION

3026.01 2023.03.08 REVIEWED

SHEET NAME **DETAILS** 

SHEET NO. C6.00

PERMIT DOCUMENTS



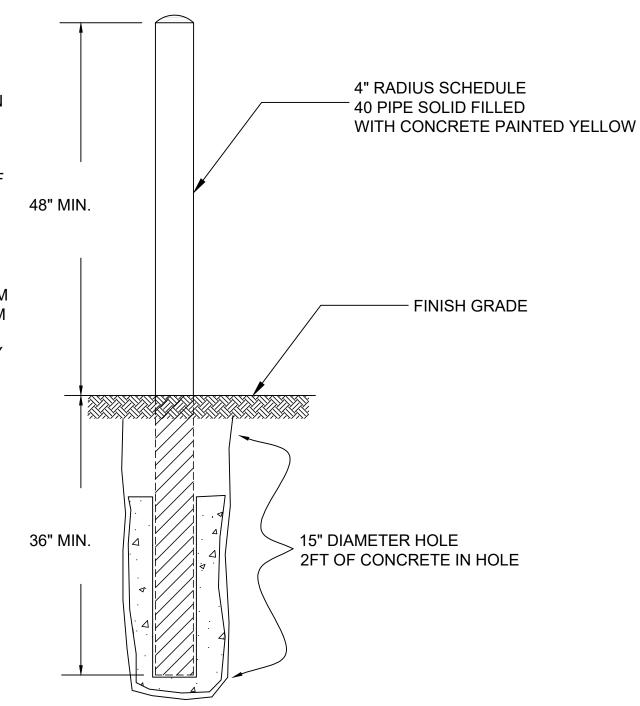
# NOTES:

- 1. CHAMBER SYSTEM SHALL CONSIST OF ADS SC-160LP CHAMBERS INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
- 2. ALL SEPARATION GEOTEXTILE SHALL BE TYPE A, NON-WOVEN GEOTEXTILE (SEPARATION) WITH A MINIMUM FLOW RATE OF 155 GAL/(MIN\*SQ.FT).
- 3. STONE SHALL BE CLEAN, CRUSHED, ANGULAR STONE MEETING THE GRADATION REQUIREMENTS OF M.A.S.S. FILTER MATERIAL TYPE C. IT SHALL CONSIST OF ANGULAR FRAGMENTS REASONABLY UNIFORM IN DENSITY AND QUALITY, AND REASONABLY FREE FROM THIN AND ELONGATED PIECES, DIRT, AND OTHER OBJECTIONABLE MATERIAL. AT LEAST FIFTY PERCENT (50%) OF THE COARSE AGGREGATE PARTICLES SHALL HAVE TWO OR MORE MECHANICALLY FRACTURED FACES.

# SOAKAWAY PIT

**BOLLARD INSTALLATION NOTES:** 

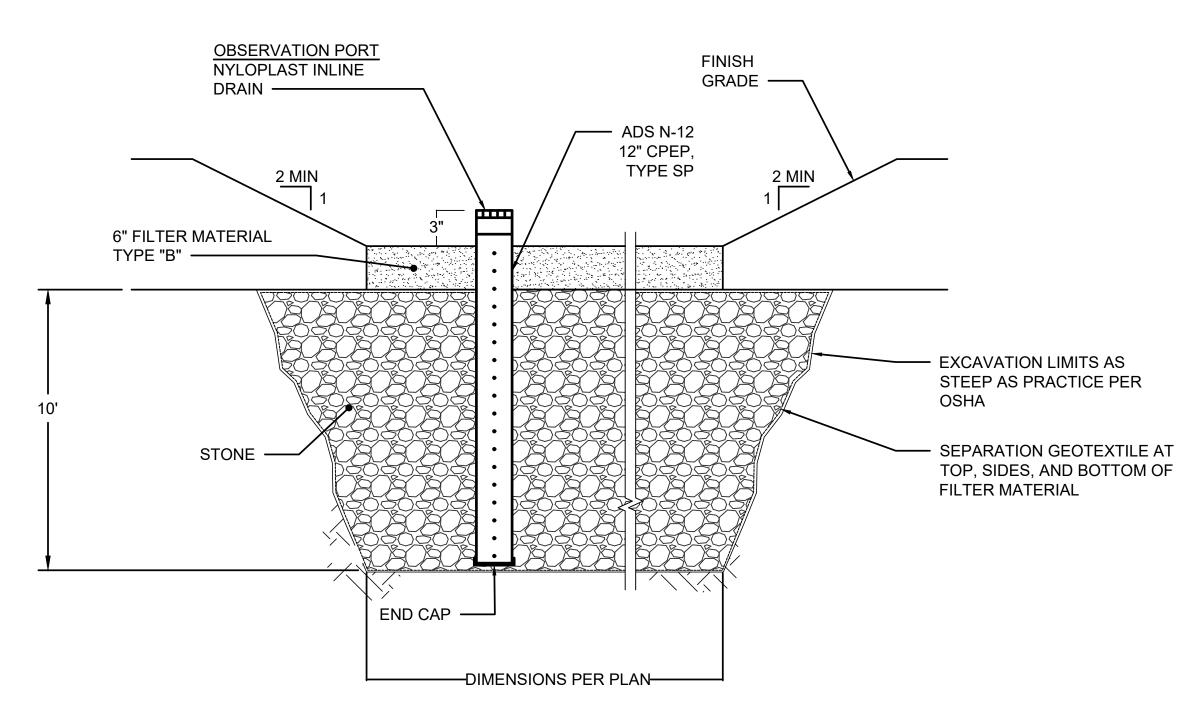
- A. A TYPICAL METER PROTECTION BOLLARD CONSISTS OF A 4" RADIUS SCHEDULE 40 STEEL PIPE SOLID FILLED WITH CONCRETE WITH A MINIMUM OF 36" BURIED BELOW GROUND AND A MINIMUM OF 48" ABOVE GROUND.
- B. BOLLARDS MUST BE PLACED IN A WAY THAT METER PROTECTION IS ASSURED FROM ALL DIRECTIONS. THE MAXIMUM DISTANCE BETWEEN ANY PROTECTION BOLLARDS IN ANY DIRECTION IS 48".
- C. IF YOU HAVE ANY QUESTIONS
  ABOUT ANYTHING SHOWN IN
  THIS DIAGRAM PLEASE
  CONTACT YOUR ENSTAR
  MARKETING REPRESENTATIVE
  AT 907-334-7770.



# (2)

TYPICAL METER PROTECTION 4" PIPE BOLLARD

NTS



# NOTES:

- 1. ALL SEPARATION GEOTEXTILE SHALL BE TYPE A, NON-WOVEN GEOTEXTILE (SEPARATION) WITH A MINIMUM FLOW RATE OF 155 GAL/(MIN\*SQ.FT).
- 2. STONE SHALL BE CLEAN, CRUSHED, ANGULAR STONE MEETING THE GRADATION REQUIREMENTS OF M.A.S.S. FILTER MATERIAL TYPE C. IT SHALL CONSIST OF ANGULAR FRAGMENTS REASONABLY UNIFORM IN DENSITY AND QUALITY, AND REASONABLY FREE FROM THIN AND ELONGATED PIECES, DIRT, AND OTHER OBJECTIONABLE MATERIAL. AT LEAST FIFTY PERCENT (50%) OF THE COARSE AGGREGATE PARTICLES SHALL HAVE TWO OR MORE MECHANICALLY FRACTURED FACES.



INFILTRATION TRENCH

ITS

Carl E. Hall

Mar 15, 2023

No. CE 10059

CERTIFICATE OF AUTHORIZATION NO.

CERTIFICATE OF AUTHORIZATION NO: R&M CONSULTANTS, INC #AECC111

R&M CONSULTANTS, INC.
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phone: 907.522.1707 • fax: 907.522.3403
rmconsult.com • email@rmconsult.com

BREWSTERS MULTI-FAMILY HOUSING 3825 MOUNTAIN VIEW DRIVE

A

REVISION SCHEDULE

DESCRIPTION DATE

JOB NO. 3026.01

 JOB NO.
 3026.01

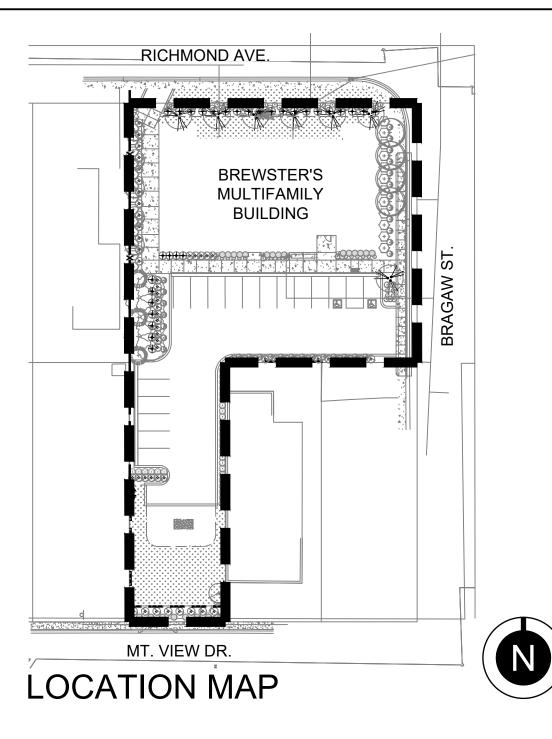
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DETAILS

C6.01



# SHEET INDEX

- L1.0 LANDSCAPE NOTES & SCHEDULE
- L1.1 LANDSCAPE CODE ANALYSIS
- L2.0 LANDSCAPE PLAN
- L3.0 LANDSCAPE DETAILS
- L3.1 LANDSCAPE DETAILS

# LANDSCAPE INSPECTIONS AND NOTIFICATIONS

- 1. THE LANDSCAPE INSPECTIONS, MAINTENANCE, AND WARRANTIES SHALL BE CONSISTENT WITH M.A.S.S. AND THE PROJECT SPECIFICATIONS. BELOW IS AN OUTLINE OF THE INSPECTION PROCEDURE PER M.A.S.S. SECTION 75.02. ADDITIONAL INFORMATION CAN BE FOUND IN M.A.S.S.
- 2. PRIOR TO BRINGING THE PLANT MATERIAL TO THE SITE:
- 2.a. THE CONTRACTOR SHALL HAVE ADEQUATE STORAGE SPACE FOR PLANT MATERIAL PRIOR TO THE SITE BEING READY FOR INSTALLATION. PLANT MATERIAL SHALL BE MAINTAINED AND WATERED THOROUGHLY PRIOR TO INSTALL.
- 2.b. NOTIFY THE OWNER'S REPRESENTATIVE FOR INSPECTION OF ALL TREES, SHRUBS, AND PERENNIALS PRIOR TO BRINGING MATERIAL TO THE PROJECT SITE. ANY PLANT MATERIAL SHOWING SIGNS OF DAMAGE, DISEASE, SCARRING, OVER-PRUNING, OR NOT MEETING THE ANSI Z60.1 STANDARDS SHALL BE REJECTED AND REPLACED AT NO COST TO THE OWNER. ANY SUBSTITUTIONS MUST BE APPROVED BY OWNER'S REPRESENTATIVE.
- 2.c. ALL TREES AND SHRUBS MUST HAVE NURSERY TAGS INTACT AND VISIBLE AT THE TIME OF THE INITIAL INSPECTION.
- 3. ONCE PLANT MATERIAL IS INSTALLED ON SITE:
- 3.a. UPON COMPLETION OF ALL INITIAL PLANTING OPERATIONS (PLANTING AND SEEDING), THE CONTRACTOR SHALL SUBMIT A WRTITTEN REQUEST FOR A LANDSCAPE INSPECTION.
- 3.b. INITIAL PLANTING OPERATION ENDS WHEN:
- •• ALL PLANTS ARE INSTALLED, MULCHED AND WATERED AS SPECIFIED;
- •• STAKE AND GUYS ARE IN PLACE
- ALL CONSTRUCTION MATERIAL AND EXCESS EXCAVATED MATERIAL IS REMOVED AND CLEAN-UP IS COMPLETE;
- PLANTING AREA IS FREE OF WEEDS OR ANY UNSPECIFIED PLANTS; AND
- •• PLANT MATERIAL IS HEALTHY AND VIGOROUS
- 3.c. ANY ITEMS IDENTIFIED AS INSUFFICIENT SHALL BE REMEDIED. ONCE PUNCH LIST ITEMS ARE ADDRESSED AND ACCEPTED IN WRITING OF ALL WORK THE TWO-YEAR PLANT ESTABLISHMENT PERIOD SHALL BEGIN. THE PLANT ESTABLISHMENT PERIOD INCLUDES ONGOING MAINTENANCE PER M.A.S.S. AND THE PROJECT SPECIFICATIONS.
- 4. LANDSCAPE ACCEPTANCE AFTER THE TWO-YEAR PLANT ESTABLISHMENT PERIOD:
- 4.a. THE OWNER OR OWNER'S REPRESENTATIVE SHALL VERIFY THAT THE CONTRACTOR PERFORMED MAINTENANCE FUNCTIONS AS SPECIFIED AND THAT THE PLANT MATERIAL AND SEEDED AREAS ARE LIVE, UNIFORM, HEALTHY, AND FREE OF DISEASE, DAMAGE, INFESTATION, RUBISH, DEBRIS, AND WEEDS.
- 4.b. ANY DEFICIENCIES SHALL BE ADDRESSED WITHIN 30 DAYS. ANY PLANTS THAT ARE COMPLETELY REPLACED SHALL HAVE AN EXTENDED ONE-YEAR MAINTENANCE AND WARRANTY PERIOD ONCE THEIR INSTALLATION IS ACCEPTED IN WRITING.

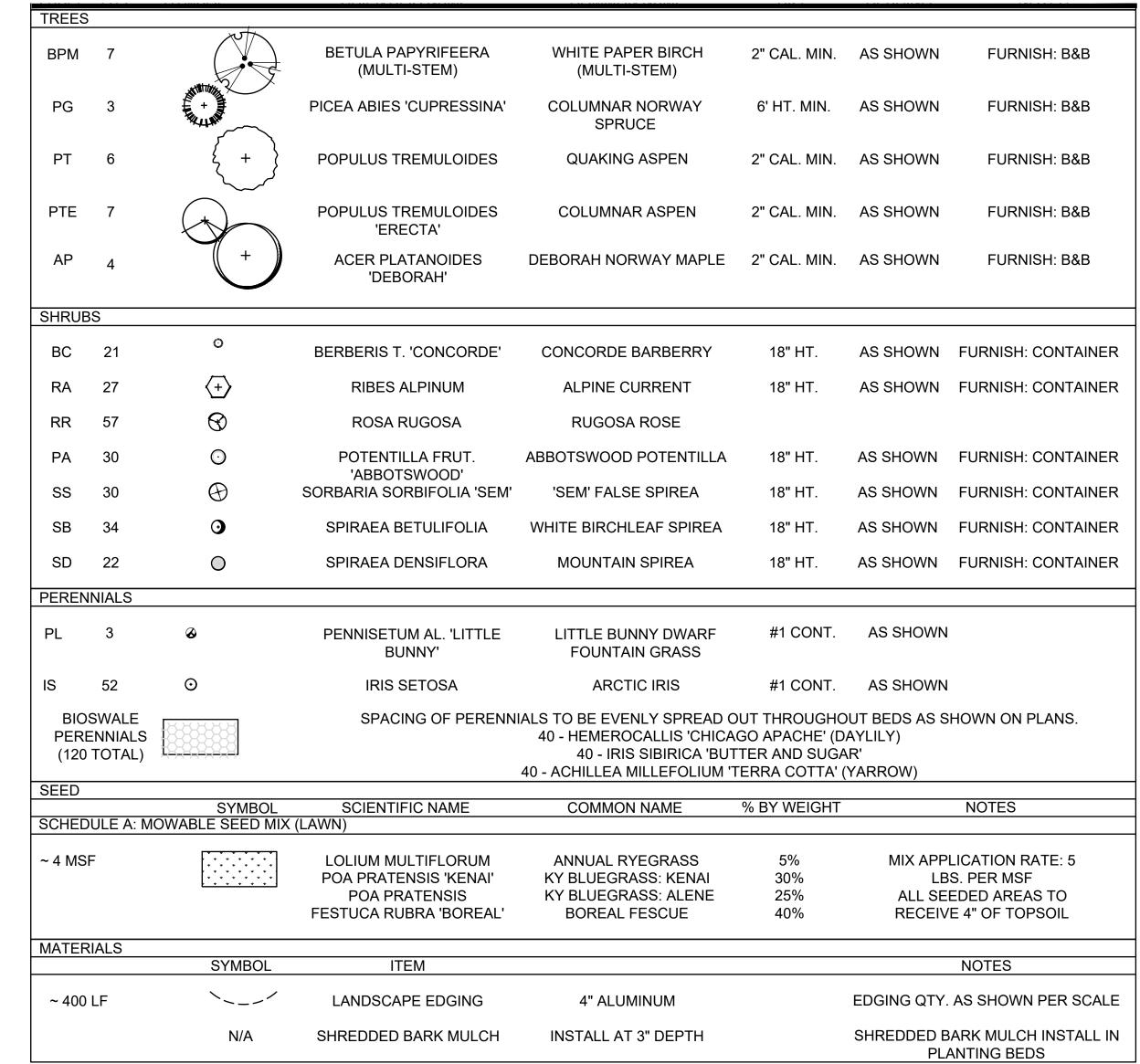
# **BIOSWALE NOTES**

BIOSWALE TO RECEIVE 2.5" DEPTH RAIN GARDEN SPECIFIC TOPSOIL (SEE M.A.S.S. SECTION 75.03):
 ORGANIC MATERIAL-NOT LESS THAN 15% NOR MORE THAN 25% BY VOLUME
 SILT-NOT LESS THAN 20% NOR MORE THAN 35% BY VOLUME
 SAND-NOT LESS THAN 50% NOR MORE THAN 55% BY VOLUME.

# GENERAL LANDSCAPE NOTES

- 1. ALL WORK SHALL BE IN ACCORDANCE WITH MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS (M.A.S.S.) UNLESS NOTED DIFFERENTLY ON SHEET NOTES.
- 2. ALL PLANT MATERIAL SHALL CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1 (LATEST EDITION).
- 3. CONTRACTOR SHALL CALL LOCAL DIG LINE TO VERIFY UNDERGROUND UTILITY LOCATIONS PRIOR TO DIGGING. CONTRACTOR IS RESPONSIBLE FOR ANY UNDERGROUND UTILITY DAMAGE.
- 4. IF THERE IS A DISCREPANCY BETWEEN THE QUANTITY OF PLANTS IN THE GRAPHIC REPRESENTATION AND THE CALLOUTS OR SCHEDULE THE REPRESENTATION WITH THE HIGHEST AMOUNT OF PLANTS SHALL GOVERN.
- 5. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY SITE CONDITIONS THAT REQUIRE MODIFICATIONS TO THE LANDSCAPE PLAN PRIOR TO INSTALLATION.
- 6. INSTALL MOOSE PROTECTION FENCE AROUND ALL NEW DECIDUOUS TREES IMMEDIATELY FOLLOWING PLANTING. MAINTAIN FOR EXTENT OF WARRANTY PERIOD.
- 7. ALL SURFACE DISTURBANCE RELATED TO THIS PROJECT SHALL BE RESTORED WITH 4" TOPSOIL AND LAWN SEED MIX, EXCEPT WHERE SPECIFIED OTHERWISE.
- 8. ALL PLANTING BEDS SHALL RECEIVE SHREDDED BARK MULCH AT THREE INCH DEPTH(3"), UNLESS OTHERWISE NOTED AS ROCK MULCH. SHREDDED BARK MULCH SHALL BE NATURAL MATERIAL WITHOUT ADDED DYES. THE MATERIAL SHALL MEET THE SHREDDED BARK MULCH STANDARD OF M.A.S.S. SECTION 75.02.
- 9. MAINTENANCE, INCLUDING BUT NOT LIMITED TO WATERING, WEEDING, FERTILIZING, AND MOWING, SHALL BE PERFORMED ONCE PLANT MATERIAL HAS BEEN INSTALLED AND THROUGHOUT THE MAINTENANCE AND WARRANTY PERIOD. WARRANTY PERIOD SHALL BE TWO YEARS STARTING AT THE PARTIAL COMPLETION APPROVAL.
- 10. TOPSOIL AND SEED QUANTITY IN LANDSCAPE SCHEDULE IS APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE TOPSOIL AND SEED COVERAGE FOR ANY AREAS OF DISTURBANCE, INCLUDING BEYOND SHOWN LIMITS OF DISTURBANCE DUE TO ON SITE GRADING IMPACTS

# LANDSCAPE SCHEDULE





CERTIFICATE OF AUTHORIZATION NO HUDDLE AK, LLC #AECL1611

Spark design, IIc FIHUDDLE

TER'S MULTIFAMILY HOUSING INLET HOUSING AUTHORITY

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ORA

REVISION SCHEDULE

DESCRIPTION DATE

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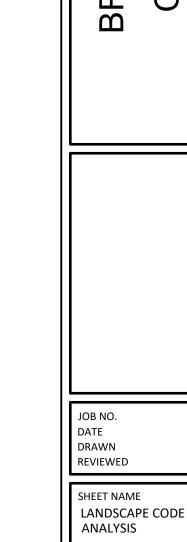
JOB NO.
DATE 3.8.2023
DRAWN JPJ
REVIEWED BRK/HST

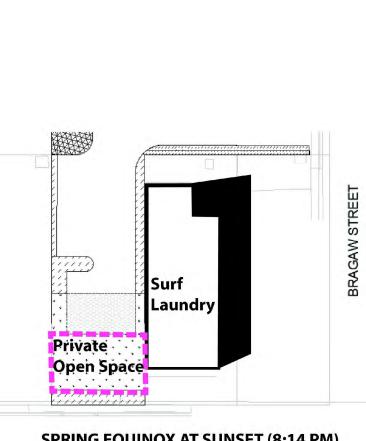
SHEET NAME
LANDSCAPE NOTES &
SCHEDULE

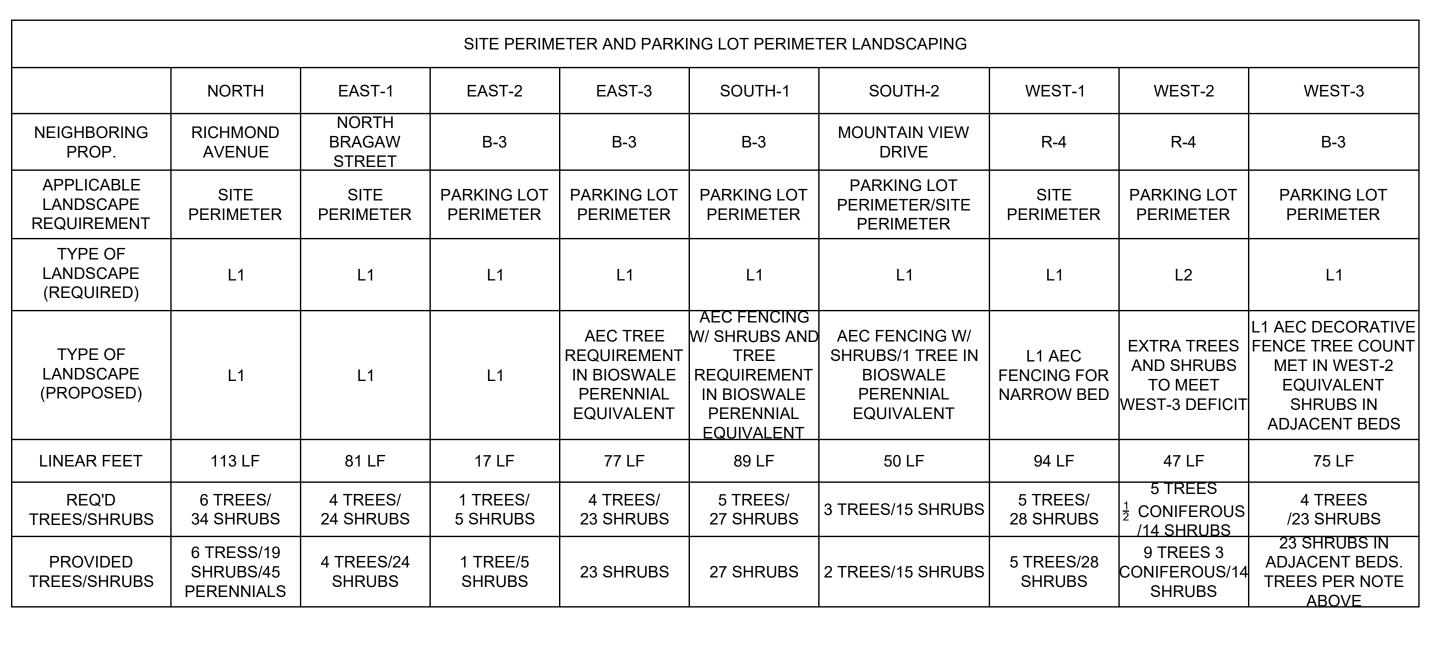
L1.0

3.8.2023

JPJ BRK/HST







# LEGEND CODE REFERENCE SYMBOL AREA/ITEM L1 PARKING LOT PERIMETER 21.07-1 + + + + + + + + + + + + 21.07-1 L1 SITE PERIMETER L2 PARKING LOT PERIMETER 21.07.110.C.10 COMMON PRIVATE OPEN SPACE 21.07.030 STANDARDS FOR MULTIFAMILY AND 21.07.110.C.10.c TOWNHOUSE RESIDENTIAL: FOUNDATION LANDSCAPING

# LANDSCAPE CODE NOTES

PARKING LOT INTERIOR LANDSCAPING

NOT APPLICABLE-ONLY REQUIRED FOR PARKING LOTS WITH 40 OR MORE SPACES

SITE ENHANCEMENT LANDSCAPING

PLANT MATERIAL SHALL BE ESTABLISHED THROUGHOUT THE SITE TO PREVENT EROSION

TREES FOR RESIDENTIAL DEVELOPMENT

20 TREES PER ACRE (MIN. OF 1 TREE PER LOT).

0.62 ACRES X 20 = 12.4 = 12 TREES MIN.

**FOUNDATION LANDSCAPING:** 

TEN SHRUBS PER 20 LINEAR FEET OF BUILDING LENGTH.

81' = 41 SHRUBS

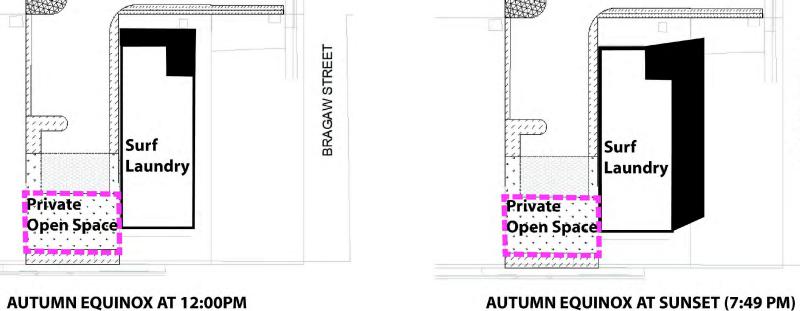
PRIVATE OPEN SPACE

21 UNITS X 100 SF + 149 SF X 5% = 2,108 SF

SEEKING A 25% REDUCTION PER THE HIGH QUALITY SPACE STANDARDS:

- PRIVATE OPEN SPACE PROVIDED = 2,108 25% = 1,581 SF PROVIDED
- HAS LESS THAN 5% SLOPE
- WELL DRAINED / NOT WETLANDS • INSIDE DIMENSIONS ARE GREATER THAN 23 FEET
- MEETS SUNLIGHT ACCESS REQUIREMENTS (SEE DIAGRAMS BELOW)





RICHMOND AVENUE

<del>\*+</del>14.8<del>\*</del>

11 PARKING

STALLS (1 ADA)

DECORATIVE-

SOUTH-1

L1 PARKIING LOT

PERIMETER

FOUNDATION

(AEC)

5.0

EAST-3

- BIOSWALE

6 PARKING

STALLS

PRIVATE OPEN SPACE

\_\_\_\_<sub>50.0</sub>\_\_\_ SOUTH-2

PLANTING BEDS

L1 SITE

SCREEN

**FENCE** 

(AEC)

PERIMETER

WEST-1

L2 PARKING LOT

WEST-2

WEST-3

**DECORATIVE** 

PARKING LOT

PERIMETER

**FENCE** 

(AEC) in

L1 SITE

(AEC)

**PERIMETER** 

PERIMETER

<del></del> L1 SITE

- BICYCLE

STALLS

PERIMETER

· L1 SITE

PERIMETER

EAST-1

EAST-2

LOT

S

C

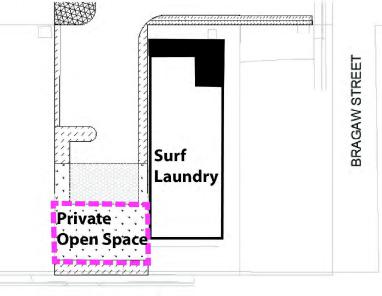
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 $\Box$ 

(AEC)

PERIMETER/PARKING

Laundry



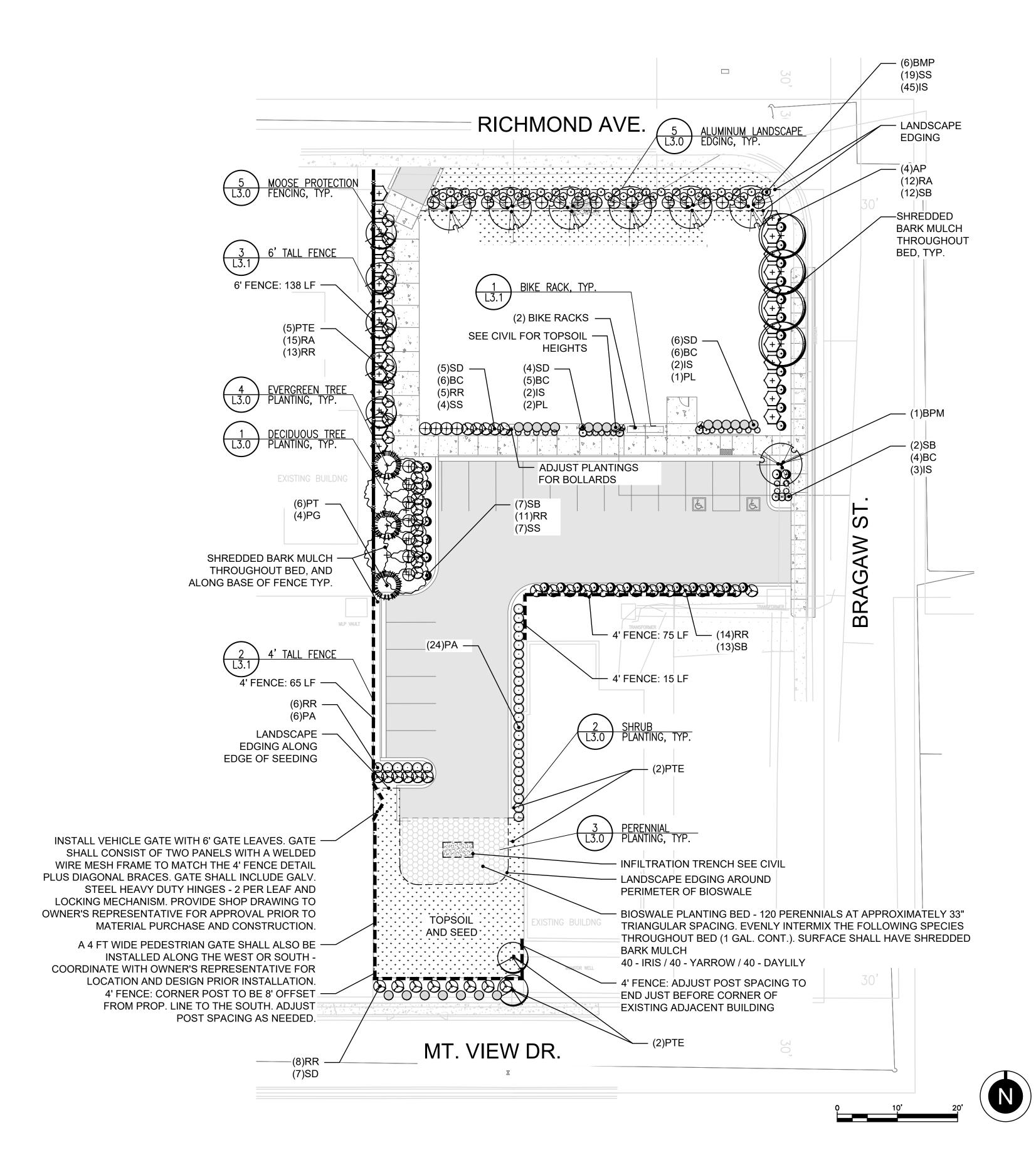
**SPRING EQUINOX AT 12:50 PM** 

**SPRING EQUINOX AT SUNSET (8:14 PM)** 

# LANDSCAPE LEGEND

LABEL	SYMBOL	SCIENTIFIC NAME	COMMON NAME
TREES	xitx		
BPM		BETULA PAPYRIFEERA (MULTI-STEM)	WHITE PAPER BIRCH (MULTI-STEM)
PG	+ +	PICEA ABIES 'CUPRESSINA'	COLUMNAR NORWAY SPRUCE
PT	+	POPULUS TREMULOIDES	QUAKING ASPEN
PTE		POPULUS TREMULOIDES 'ERECTA'	COLUMNAR ASPEN
AP	+	ACER PLATANOIDES 'DEBORAH'	DEBORAH NORWAY MAPLE
SHRUBS			
ВС	O	BERBERIS T. 'CONCORDE'	CONCORDE BARBERRY
RA	<del>(+)</del>	RIBES ALPINUM	ALPINE CURRENT
RR	8	ROSA RUGOSA	RUGOSA ROSE
PA	$\odot$	POTENTILLA FRUT.	ABBOTSWOOD POTENTILLA
SS	$\oplus$	'ABBOTSWOOD' SORBARIA SORBIFOLIA 'SEM'	'SEM' FALSE SPIREA
SB	<b>⊙</b>	SPIRAEA BETULIFOLIA	WHITE BIRCHLEAF SPIREA
SD	0	SPIRAEA DENSIFLORA	MOUNTAIN SPIREA
PERENNIALS			
PL	<b>⊗</b>	PENNISETUM AL. 'LITTLE BUNNY'	LITTLE BUNNY DWARF FOUNTAIN GRASS
IS BIOSWALE PERENNIALS	FO-FO-FO-FO-FO-FO-FO-FO-FO-FO-FO-FO-FO-F	THROUGHOUT BEDS A 40 - HEMEROCALLIS 'CHI 40 - IRIS SIBIRICA 'B	ARCTIC IRIS TO BE EVENLY SPREAD OUT AS SHOWN ON PLANS. CAGO APACHE' (DAYLILY) UTTER AND SUGAR' M'TERRA COTTA' (YARROW)
SEED	CVAADOL		
	SYMBOL		
		SCHEDULE A: MOWABLE	E SEED MIX (LAWN)
MATERIALS			
	SYMBOL	ITEM	
	\/	LANDSCAPE EDGING	4" ALUMINUM
	N/A	SHREDDED BARK MULCH	INSTALL AT 3" DEPTH

- 1. SEE SHEET L1.0 FOR FULL PLANTING SCHEDULE AND NOTES.
- 2. ENSURE FENCE FOOTINGS DO NOT CONFLICT WITH UNDERGROUND UTILITIES. NOTIFY OWNER'S OF ANY FENCE LAYOUT ADJUSTMENT THAT NEED TO OCCUR DUE TO ONSITE CONDITIONS OR UTILITIES.
- 3. SEE CIVIL FOR INFILTRATION TRENCHES ADJUST PLANTING LAYOUT AS NEEDED TO AVOID OVERLAP.





HUDDLE AK, LLC #AECL1611

**Spark** design,llc

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**IULTIFAMILY HOUSING** AUTHORITY HOUSING **JORAGE** INLET **BREWSTER'S** <del>Q</del>

> REVISION SCHEDULE DESCRIPTION DATE

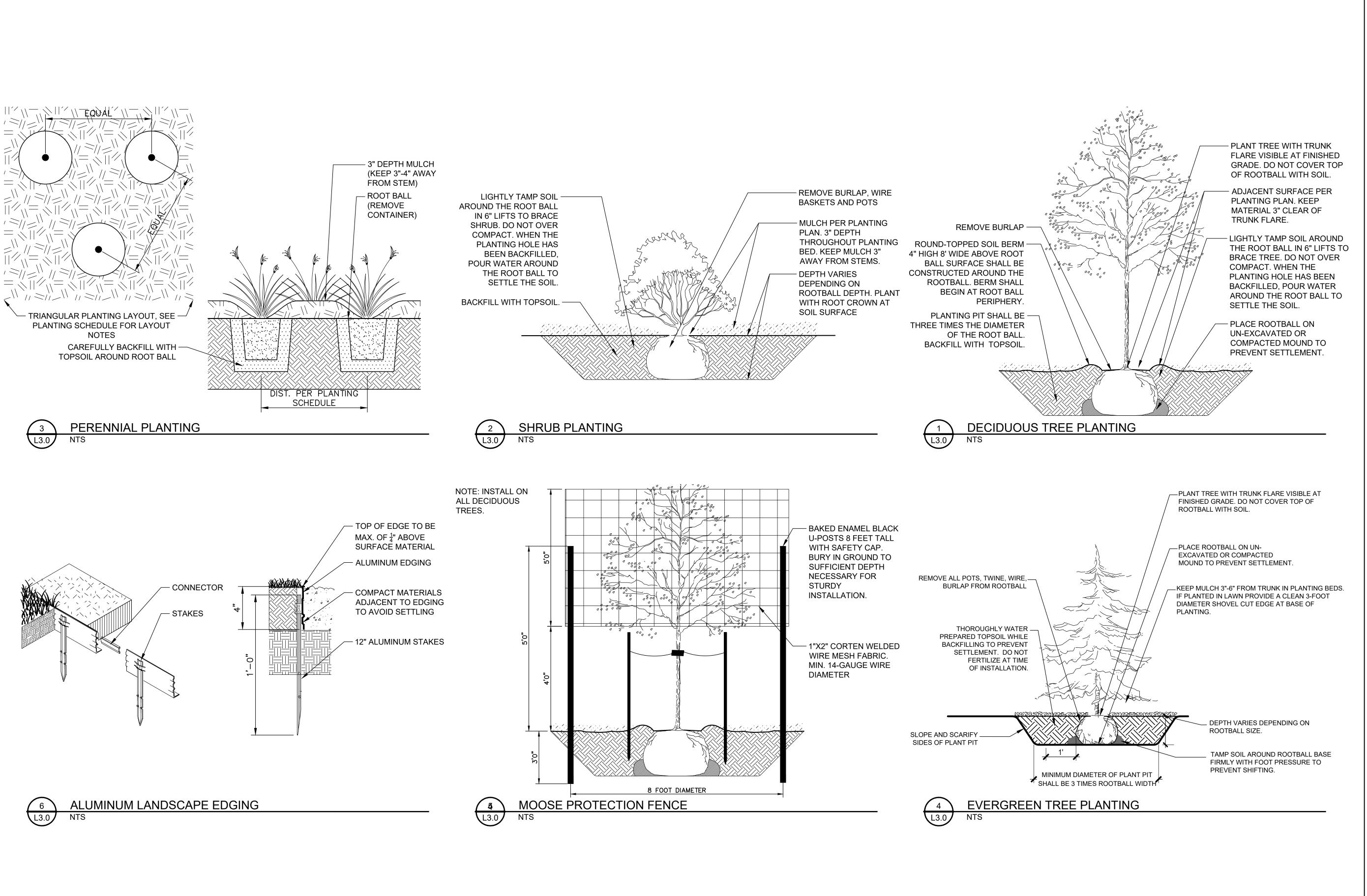
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DRAWN JPJ BRK/HST REVIEWED

SHEET NAME LANDSCAPE PLAN-SOUTHEAST PHASE 1 N.I.C.

SHEET NO.

PERMIT DOCUMENTS HALF SCALE WHEN PRINTED AT 11x17



Brianne Keifer No.113272 3/8/2023 POFESSIONAL LANDSA

ERTIFICATE OF AUTHORIZATION NO HUDDLE AK, LLC #AECL1611

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HOUSING AUTHORITY TIFAMILY OUSING INLET **BREWSTER'S** 0 X

HORAGE

REVISION SCHEDULE

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DESCRIPTION DATE

DRAWN JPJ BRK/HST REVIEWED

SHEET NAME LANDSCAPE DETAILS

L3.0

CERTIFICATE OF AUTHORIZATION NO: HUDDLE AK, LLC #AECL1611

**Spark** design,llc

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**IULTIFAMILY HOUSING** HOUSING AUTHORITY ANCHORAGE INLET TER'S BREWST <del>Q</del> Ŏ

REVISION SCHEDULE

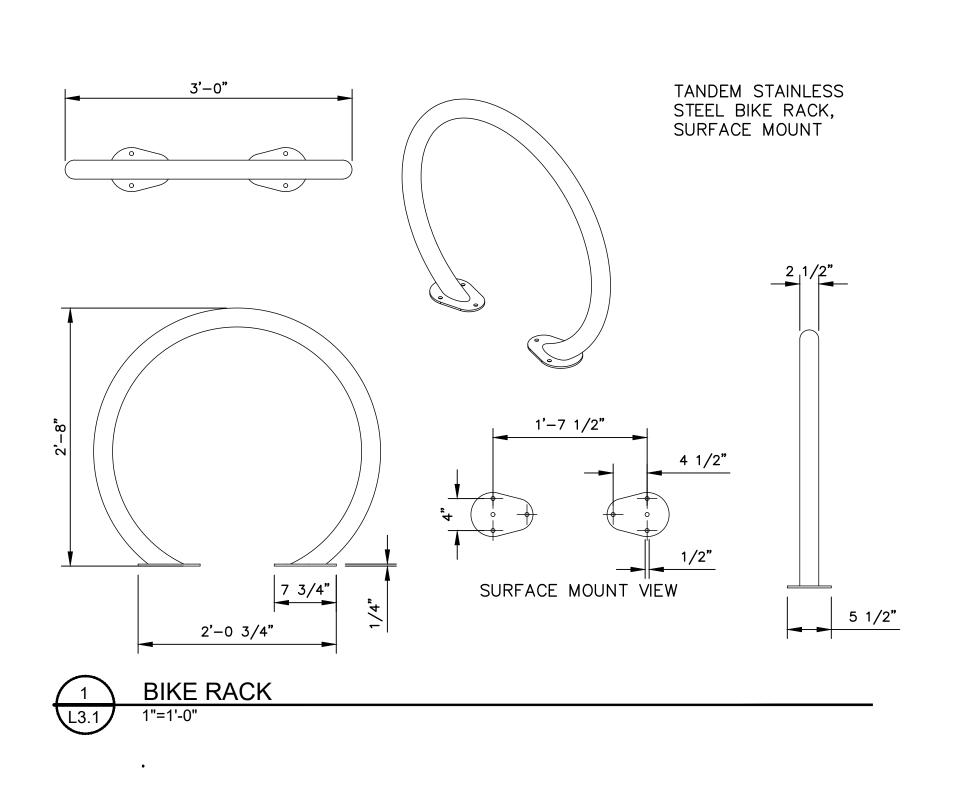
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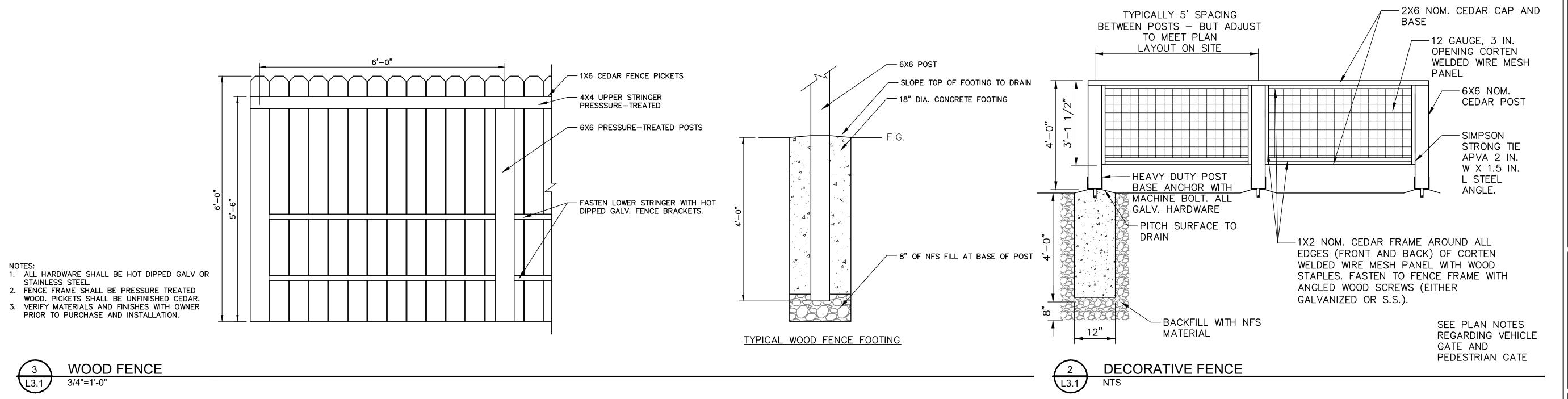
DESCRIPTION DATE

3.8.2023 DRAWN JPJ BRK/HST REVIEWED

SHEET NAME LANDSCAPE DETAILS

SHEET NO.





- 1. REFERENCE G1.01 FOR RATED WALLS AND/OR CEILINGS.
- 2. REFERENCE G3.00 FOR WALL ASSEMBLIES AND NOTES.
- 3. REFERENCE A5.00 THROUGH A5.03 FOR DOOR SCHEDULE, WINDOW TYPES AND FINISHES.
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- GENERAL CONTRACTOR SHALL COORDINATE REQUIREMENTS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
- 8. ALL CLOSETS TO RECEIVE CLOSET ROD AND SHELF. REFERENCE ELEVATIONS FOR CLOSET LAYOUTS.
- 9. FURNITURE, FIXTURES AND EQUIPMENT NOT IN CONTRACT, UNLESS OTHERWISE NOTED.

# **FLOOR PLAN: SHEET NOTES**

ALIGN FACE OF FINISH

**(02)** 

ELEVATOR BASIS OF DESIGN: OTIS HYDROFIT 3510 PASSENGER ELEVATOR. ALL ELEVATOR DOORS PROVIDED BY ELEVATOR MANUFACTURER TO HAVE 1-HOUR RATING



acture • interiors • design-build cordova street, suite 301 sage, alaska f. 907.771.9776

COOK INLET HOUSING AUTHORITY
BREWSTERS MULTI-FAMILY HOUSING
ANCHORAGE, ALASKA

REVISION SCHEDULE

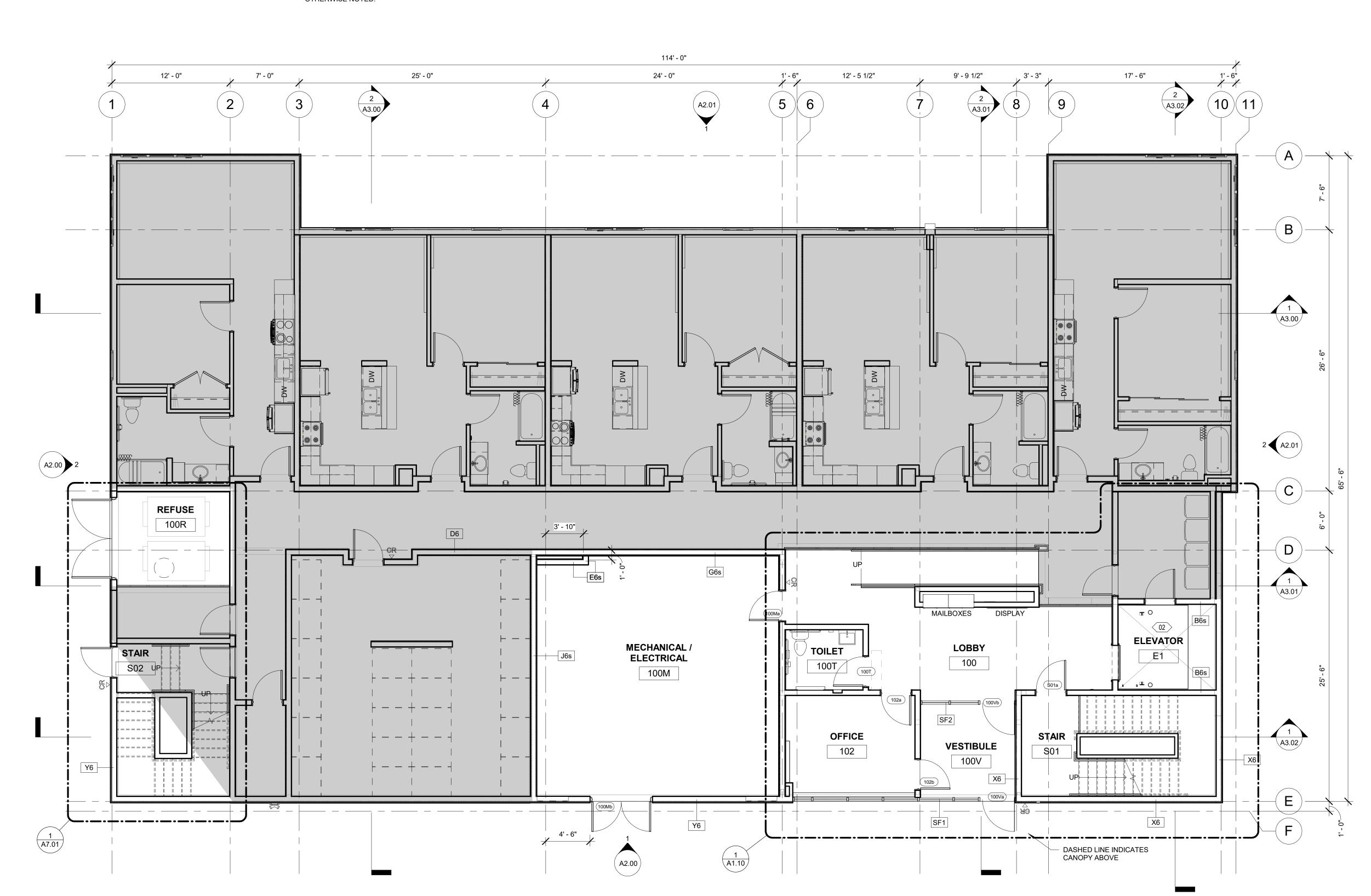
DESCRIPTION DATE

JOB NO.

2023.03.08

SHEET NAME FLOOR PLAN - LEVEL 0

SHEET NO.
A1.00

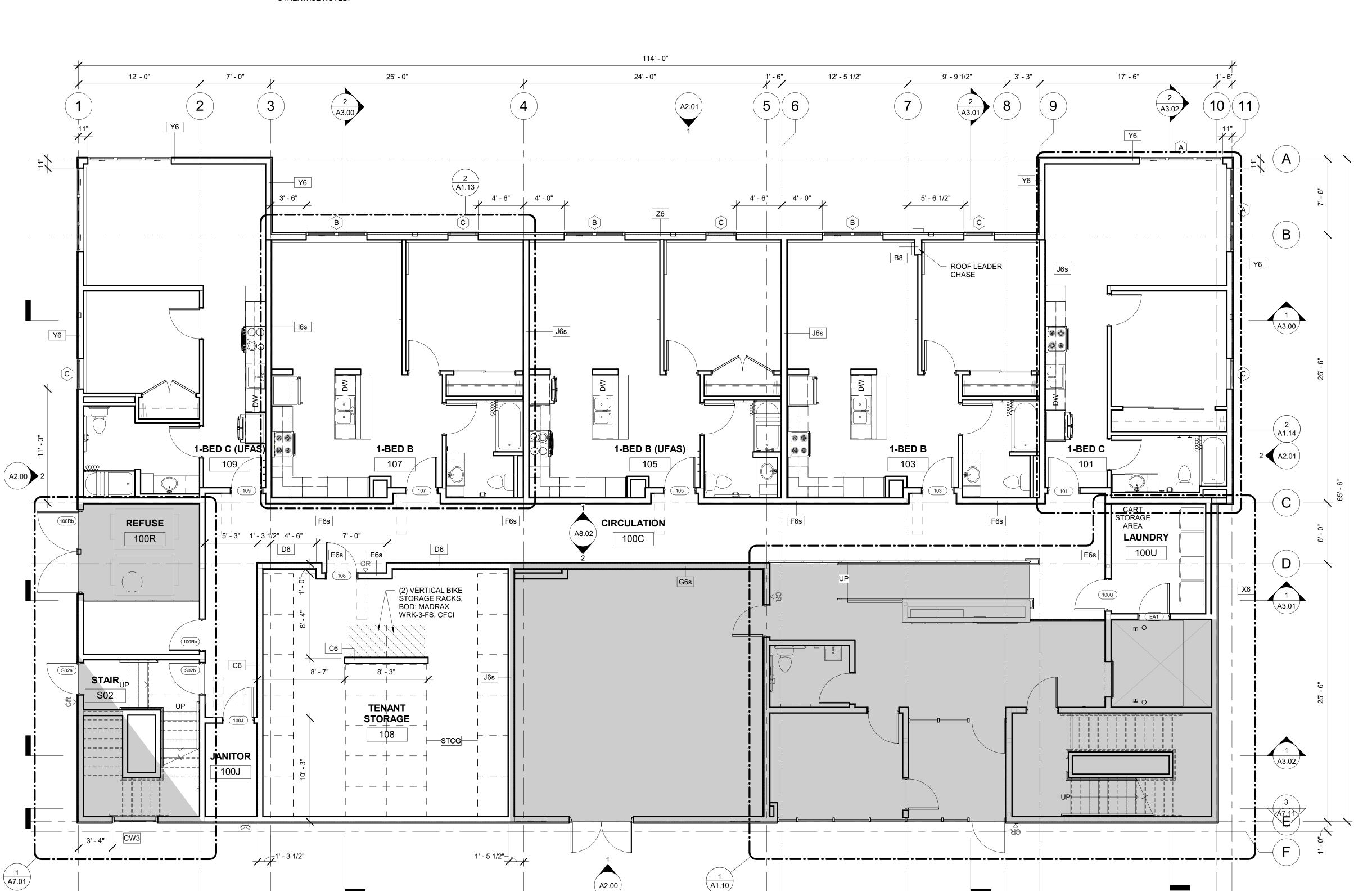


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# **FLOOR PLAN: SHEET NOTES**

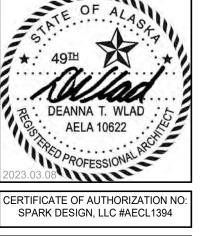
ALIGN FACE OF FINISH

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A1.10

( A2.00 )



design,llc

Spa

HOUSING AUTHORITY SKA TI-FAMIL HOUSING ANCHOF BREWSTERS N **COOK INLET** 

DESCRIPTION

DATE REVIEWED

2023.03.08

SHEET NAME FLOOR PLAN - LEVEL 1

SHEET NO. A1.01

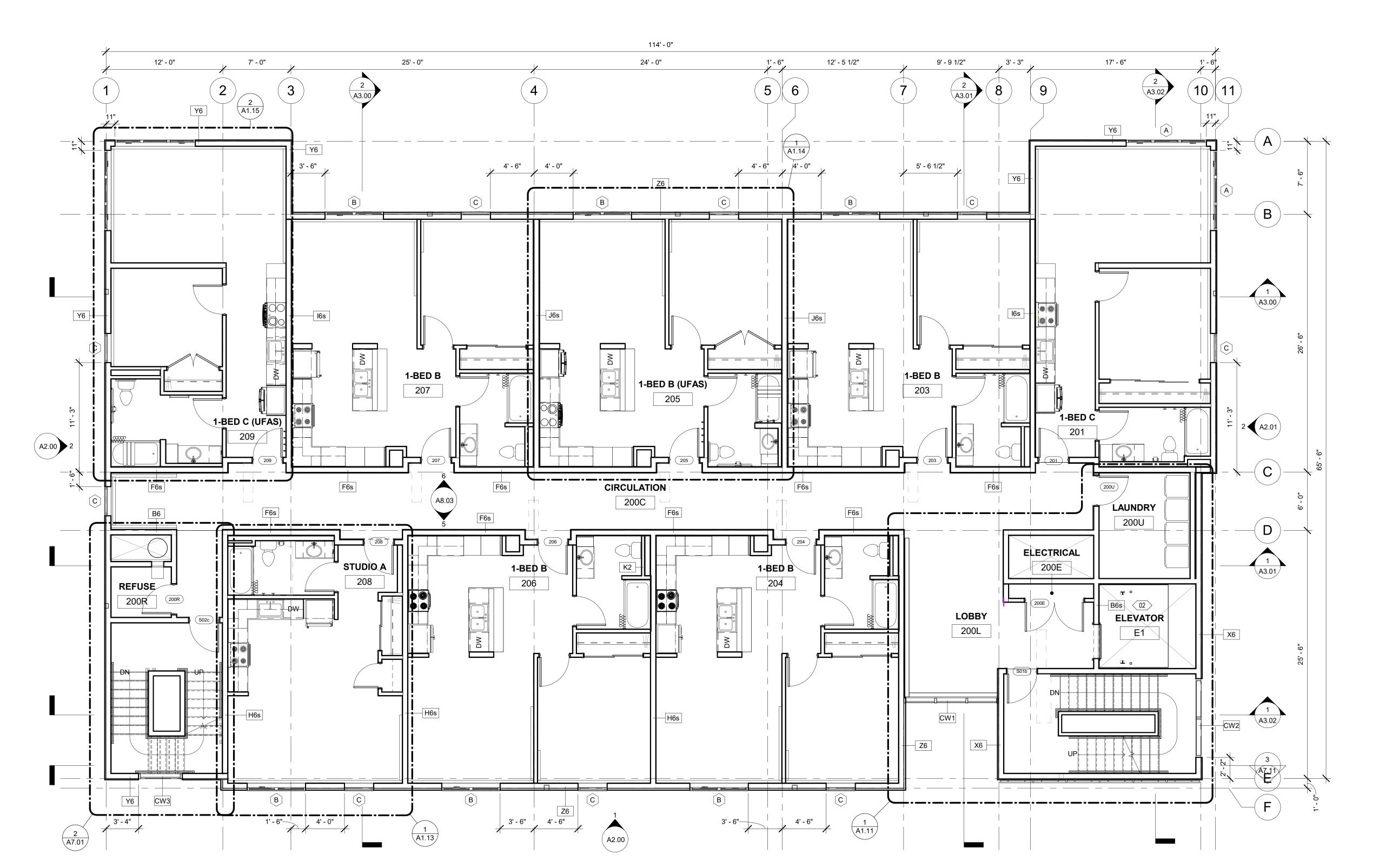


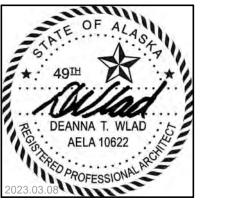
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# **FLOOR PLAN: SHEET NOTES**

ALIGN FACE OF FINISH

ELEVATOR BASIS OF DESIGN: OTIS HYDROFIT 3510 PASSENGER ELEVATOR. ALL ELEVATOR DOORS PROVIDED BY ELEVATOR MANUFACTURER TO HAVE 1-HOUR RATING





CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

design,llc

HOUSING AUTHORITY SKA TI-FAMIL HOUSING ANCHOR BREWSTERS N **COOK INLET** 

DESCRIPTION

2023.03.08 REVIEWED

SHEET NAME FLOOR PLAN - LEVEL 2

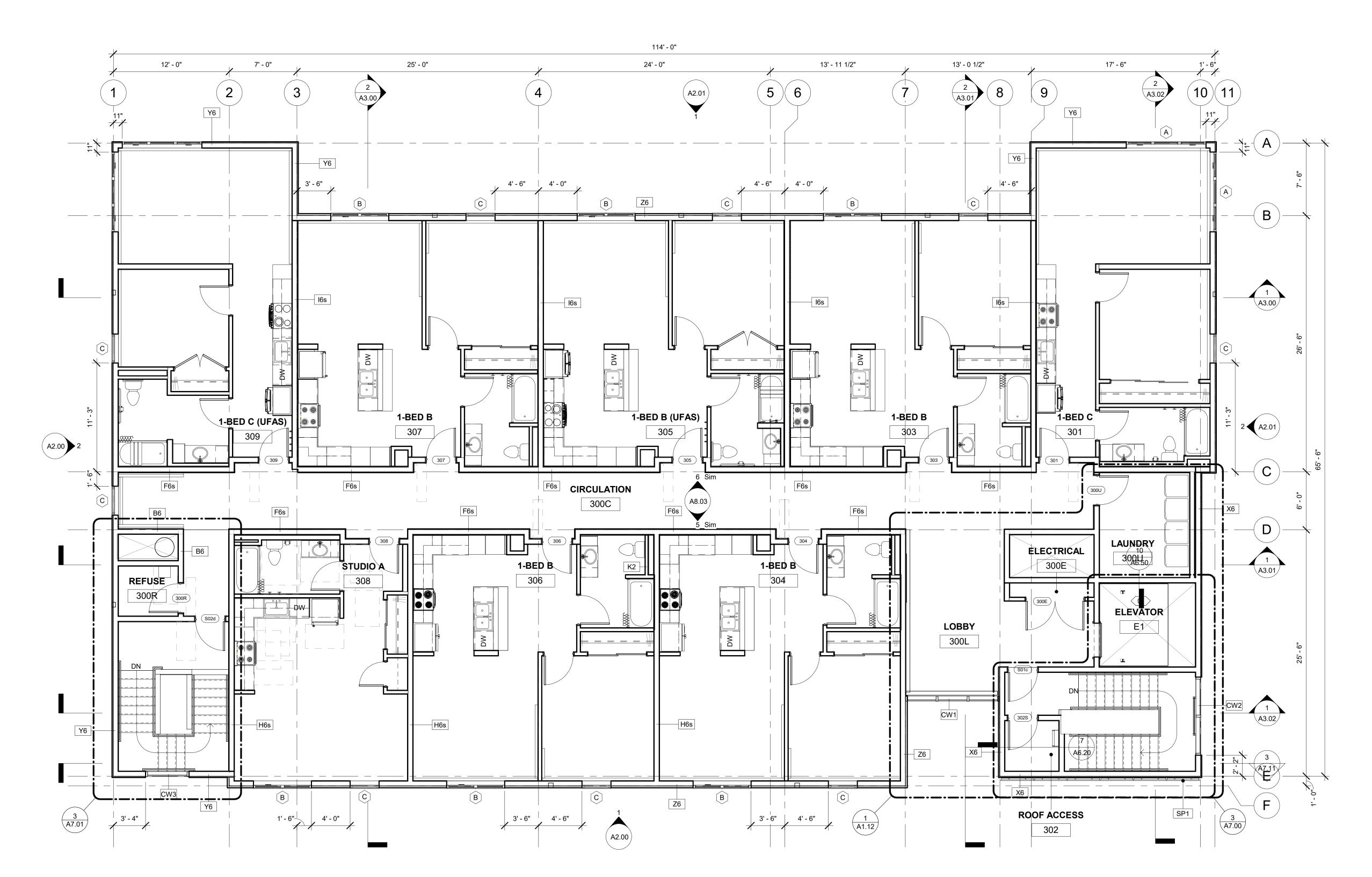
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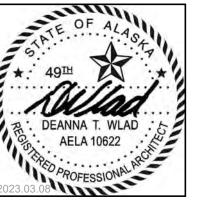
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# **FLOOR PLAN: SHEET NOTES**

ALIGN FACE OF FINISH

ELEVATOR BASIS OF DESIGN: OTIS HYDROFIT 3510 PASSENGER ELEVATOR. ALL ELEVATOR DOORS PROVIDED BY ELEVATOR MANUFACTURER TO HAVE 1-HOUR RATING





CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

design,llc

Spa

HOUSING AUTHORITY SKA TI-FAMIL HOUSING ANCHO BREWSTERS N **COOK INLET** 

DESCRIPTION

DATE DRAWN 2023.03.08 REVIEWED

SHEET NAME FLOOR PLAN - LEVEL 3

A1.03

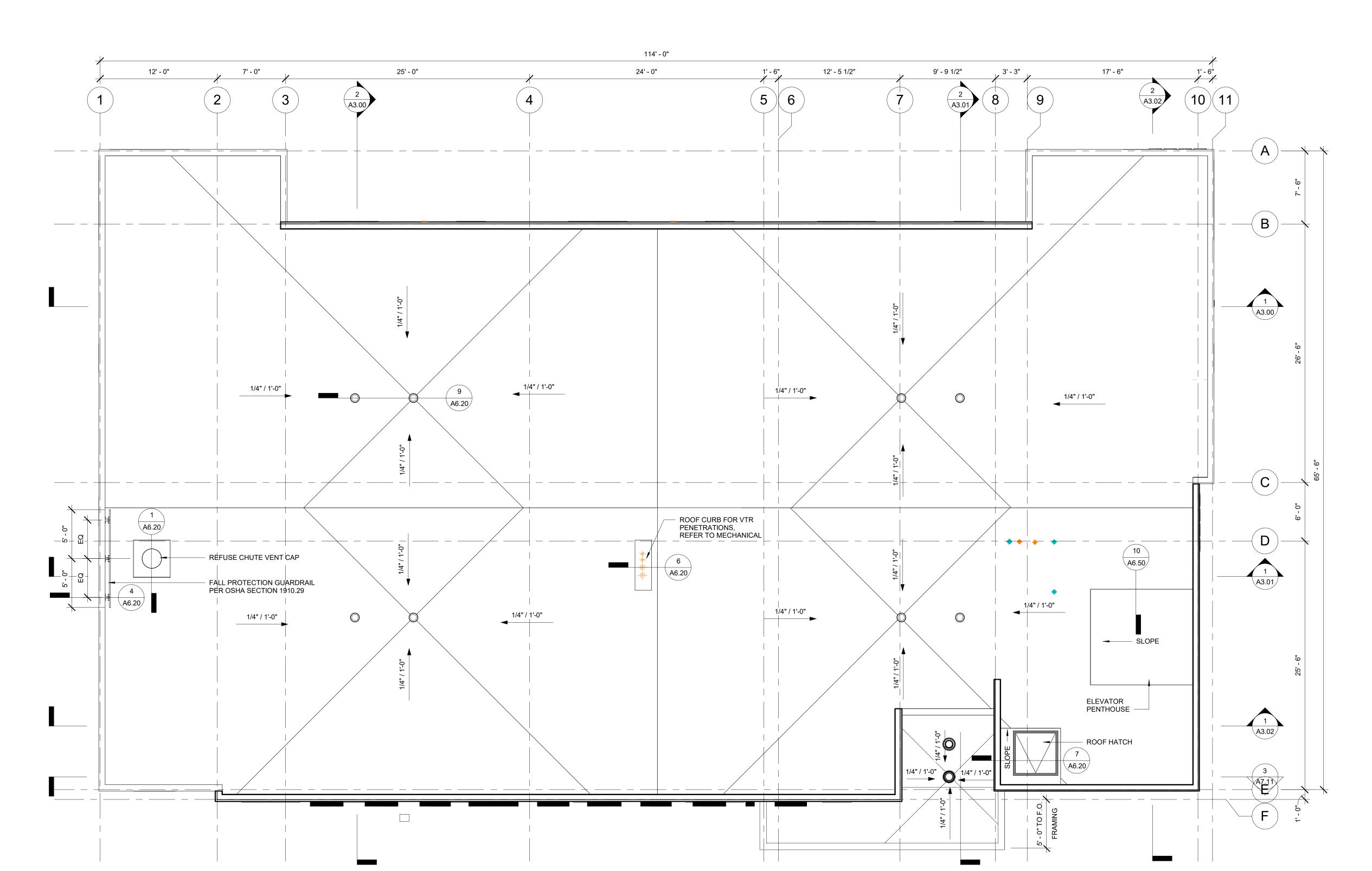
# **ROOF PLAN: GENERAL NOTES**

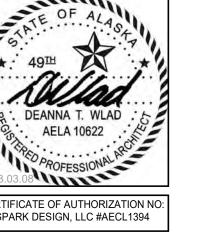
- 1. ALL ROOFS SHALL SLOPE AT 1/4" PER FOOT MINIMUM UNLESS OTHERWISE NOTED.
- 2. PROVIDE CRICKETS AT ROOF MOUNTED MECHANICAL EQUIPMENT AND ROOF HATCH WHERE NECESSARY. SLOPE AT 1/4" PER FOOT MINIMUM TOWARD ROOF DRAINS.
- 3. ROOF MOUNTED EQUIPMENT SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ALL ROOF EDGES, WHERE FEASIBLE. INSTALL OSHA REQUIRED FALL PROTECTION EQUIPMENT AS NEEDED.
- 4. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF ROOF DRAINS AND OVERFLOW DRAINS.
- 5. REFER TO BUILDING ELEVATIONS AND SECTION FOR PARAPET HEIGHTS.



ROOF DRAIN

OVERFLOW DRAIN





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design,llc

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HOUSING AUTHORITY ALASKA TI-FAMILY HOUSING ANCHORAGE BREWSTERS MUL **COOK INLET** 

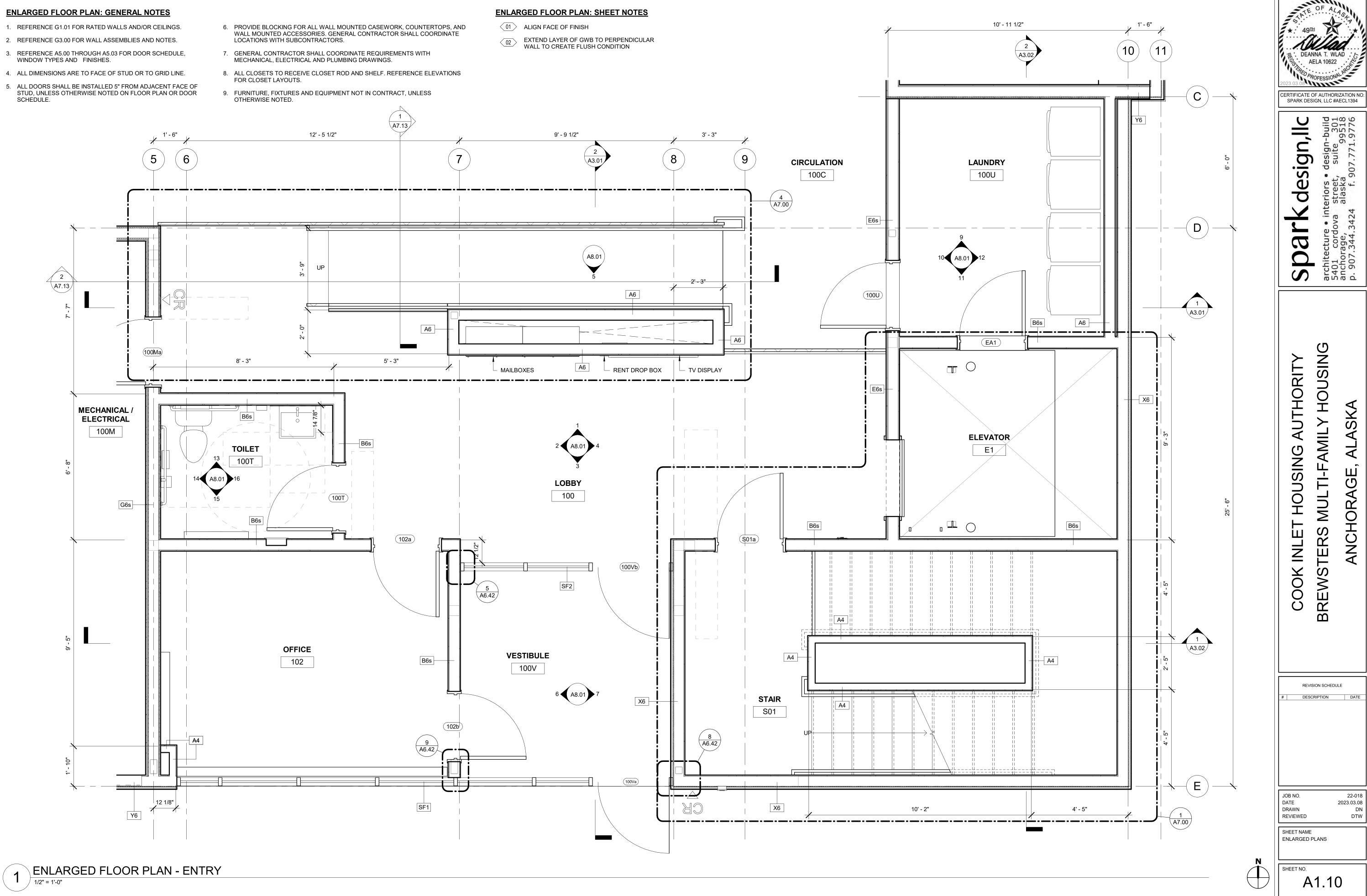
DESCRIPTION

22-018 2023.03.08

DATE DRAWN REVIEWED SHEET NAME

ROOF PLAN

SHEET NO. A1.04



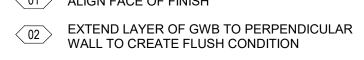
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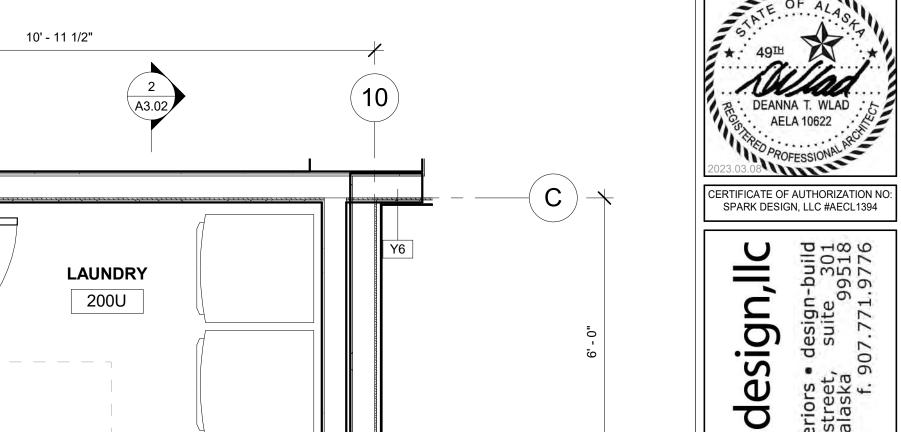
# **ENLARGED FLOOR PLAN: SHEET NOTES**

(01) ALIGN FACE OF FINISH

ENLARGED FLOOR PLAN - LEVEL 2 LOBBY

1/2" = 1'-0"





HOUSING

TI-FAMIL

BREWSTERS MUL

DESCRIPTION

22-018 2023.03.08

JOB NO. DATE DRAWN REVIEWED

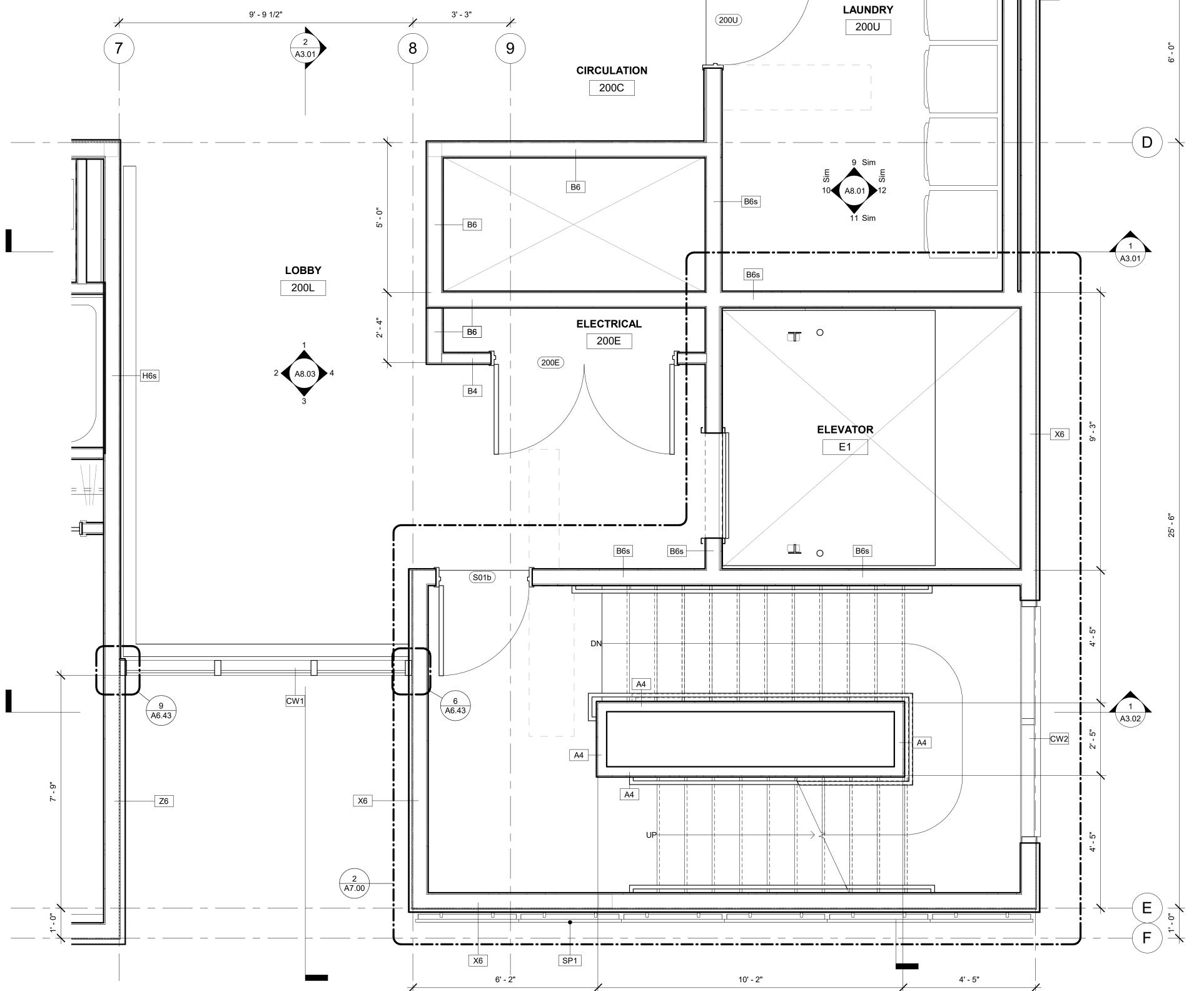
SHEET NAME ENLARGED PLANS ALASKA

ANCHORAGE

AUTHORITY

HOUSING

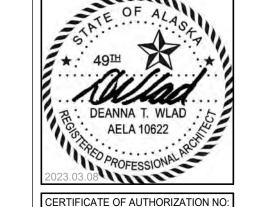
**COOK INLET** 



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# **ENLARGED FLOOR PLAN: SHEET NOTES**

01 ALIGN FACE OF FINISH



CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

design,llc

HOUSING AUTHORITY ALASKA TI-FAMILY HOUSING ANCHORAGE BREWSTERS MUL **COOK INLET** 

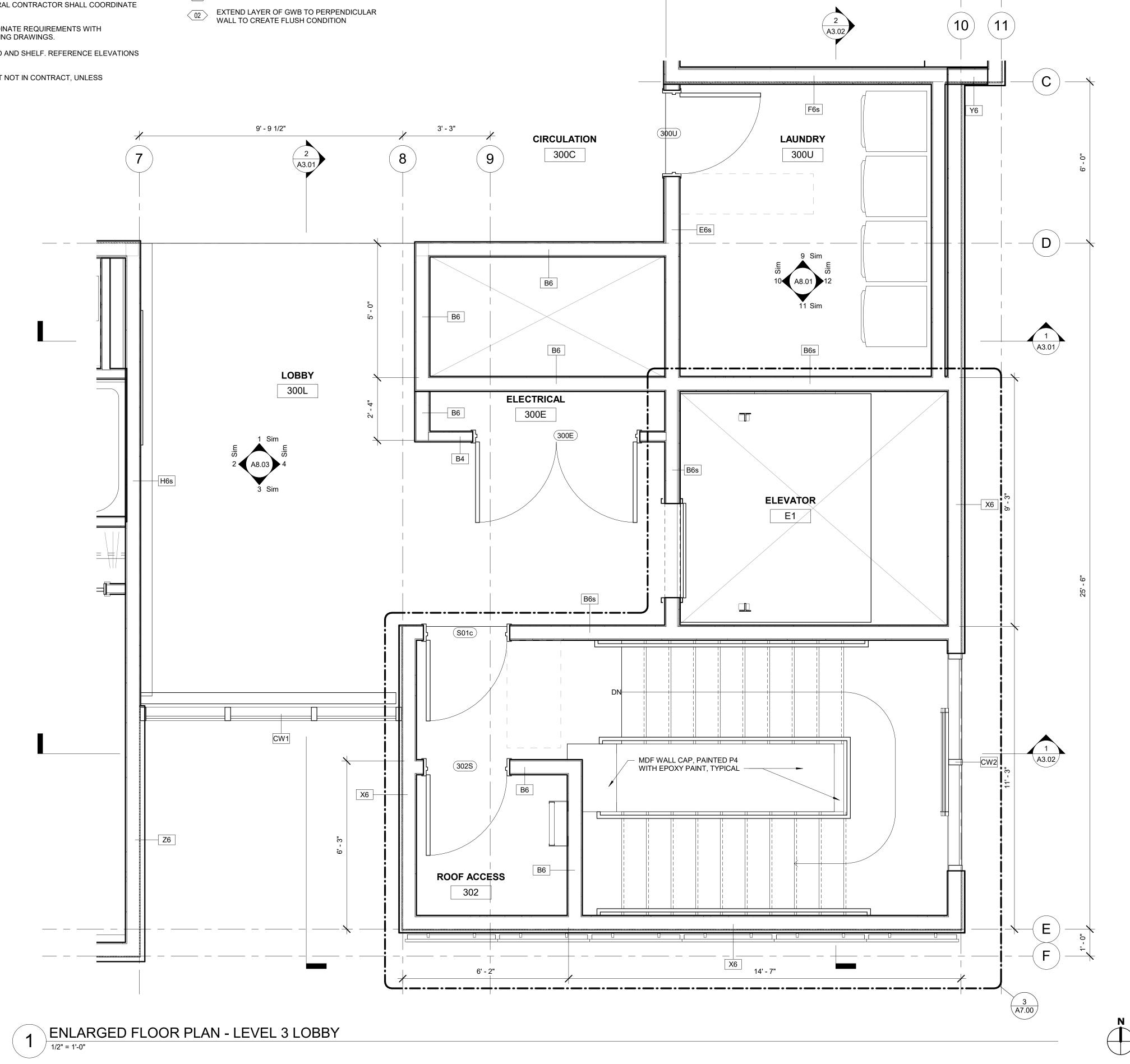
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2023.03.08

JOB NO. DATE DRAWN REVIEWED

SHEET NAME ENLARGED PLANS

SHEET NO. A1.12

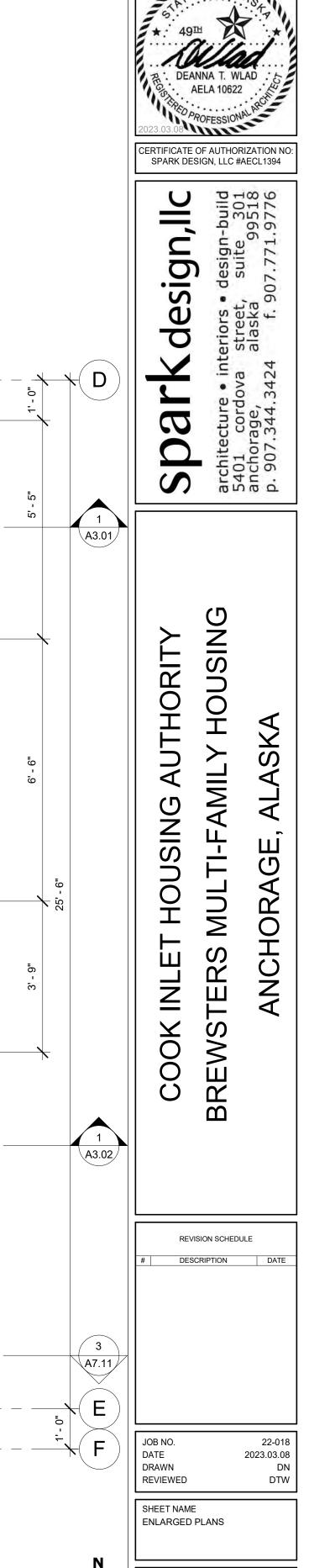


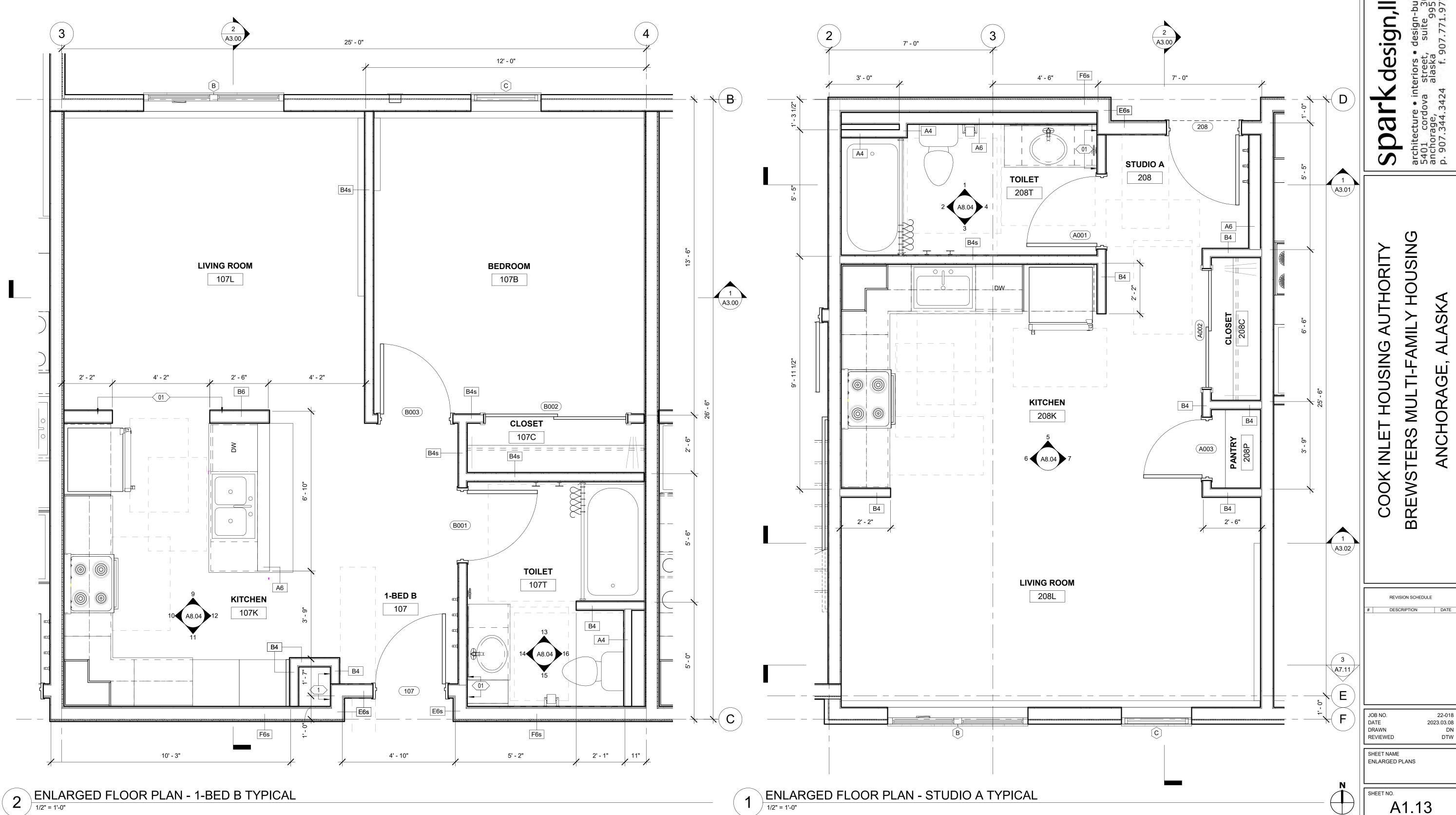
10' - 11 1/2"

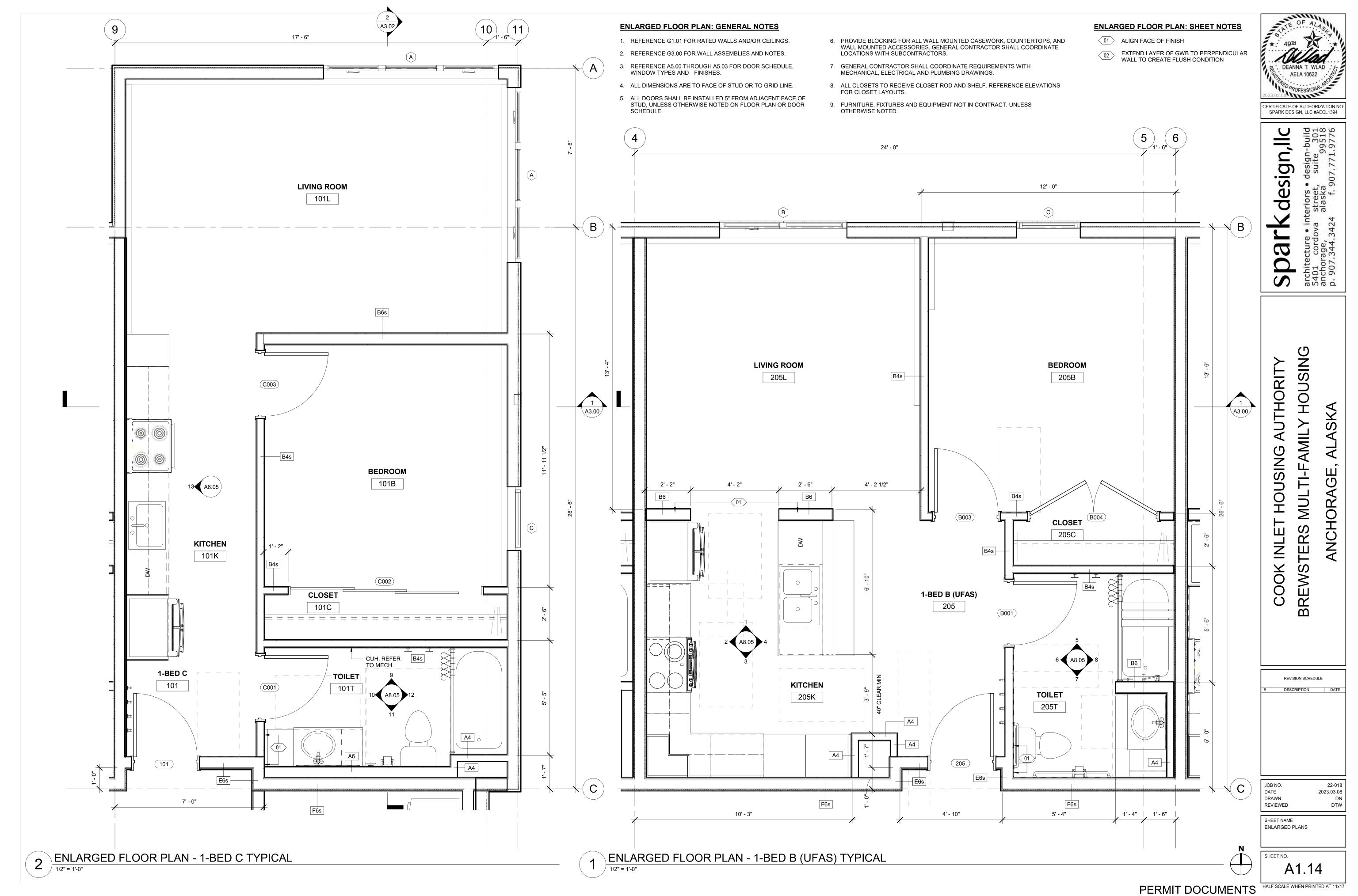
- 1. REFERENCE G1.01 FOR RATED WALLS AND/OR CEILINGS.
- 2. REFERENCE G3.00 FOR WALL ASSEMBLIES AND NOTES.
- 3. REFERENCE A5.00 THROUGH A5.03 FOR DOOR SCHEDULE, WINDOW TYPES AND FINISHES.
- 4. ALL DIMENSIONS ARE TO FACE OF STUD OR TO GRID LINE.
- 5. ALL DOORS SHALL BE INSTALLED 5" FROM ADJACENT FACE OF STUD, UNLESS OTHERWISE NOTED ON FLOOR PLAN OR DOOR SCHEDULE.
- 6. PROVIDE BLOCKING FOR ALL WALL MOUNTED CASEWORK, COUNTERTOPS, AND WALL MOUNTED ACCESSORIES. GENERAL CONTRACTOR SHALL COORDINATE LOCATIONS WITH SUBCONTRACTORS.
- 7. GENERAL CONTRACTOR SHALL COORDINATE REQUIREMENTS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
- 8. ALL CLOSETS TO RECEIVE CLOSET ROD AND SHELF. REFERENCE ELEVATIONS FOR CLOSET LAYOUTS.
- 9. FURNITURE, FIXTURES AND EQUIPMENT NOT IN CONTRACT, UNLESS OTHERWISE NOTED.

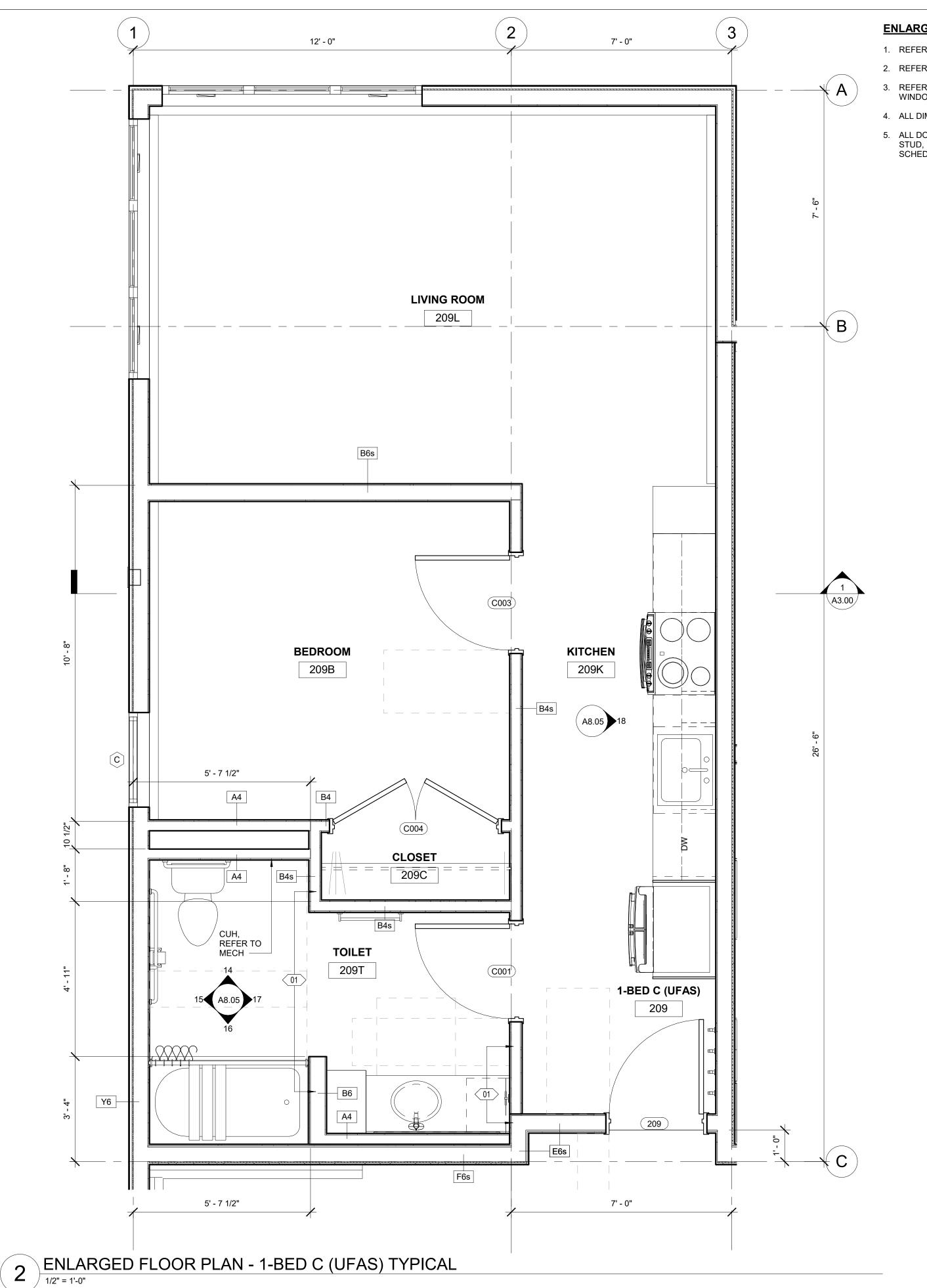
# **ENLARGED FLOOR PLAN: SHEET NOTES**

- 01 ALIGN FACE OF FINISH
- EXTEND LAYER OF GWB TO PERPENDICULAR WALL TO CREATE FLUSH CONDITION







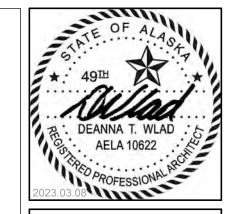


- 1. REFERENCE G1.01 FOR RATED WALLS AND/OR CEILINGS.
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# **ENLARGED FLOOR PLAN: SHEET NOTES**

01 ALIGN FACE OF FINISH

02 EXTEND LAYER OF GWB TO PERPENDICULAR WALL TO CREATE FLUSH CONDITION



CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

design,llc

HOUSING AUTHORITY SKA TI-FAMIL HOUSING ANCHORA BREWSTERS MUL **COOK INLET** 

DESCRIPTION

22-018 2023.03.08

REVIEWED SHEET NAME ENLARGED PLANS

SHEET NO. A1.15

# REFLECTED CEILING PLAN: GENERAL NOTES

- 1. DIMENSIONS ON REFLECTED CEILING PLANS ARE FROM FACE-OF-FINISH TO FACE-OF-FINISH, UNLESS OTHERWISE NOTED.
- 2. ALL CEILING MOUNTED ITEMS LOCATED IN A GWB CEILING SHALL BE PAINTED TO MATCH CEILING PAINT COLOR.
- 3. REFERENCE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR CEILING MOUNTED DEVICES, LIGHT FIXTURES, AND DIFFUSERS/FANS.
- 4. GENERAL CONTRACTOR SHALL COORDINATE CEILING REQUIREMENTS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
- 5. ALL CEILING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH IBC CHAPTER 16 SEISMIC DESIGN REQUIREMENTS.
- 6. ALL WALL AND CEILING FINISHES SHALL MEET THE REQUIREMENTS OF IBC CHAPTER 8 AND TABLE 803.5 AS ADOPTED BY THE MUNICIPALITY OF ANCHORAGE.
- 7. CENTER VANITY LIGHT OVER MIRROR, UNO.

# **REFLECTED CEILING PLAN: LEGEND**

NEW PARTITION, EXTEND GWB ABOVE CEILING 6" MINIMUM

WALL ASSEMBLY TO EXTEND TO UNDERSIDE OF FLOOR SHEATHING IN RATED FLOOR/ CEILING OR ROOF/CEILING ASSEMBLY

WALL ASSEMBLY TO EXTEND TO UNDERSIDE OF RATED FLOOR/CEILING ASSEMBLY

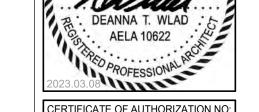
X' - X" CEILING HEIGHT GYP CEILING/SOFFIT, PAINT P7 IN UNITS AND PAINT P4 IN COMMON AREAS, UNO.

GYP CEILING AT UNDERSIDE OF STRUCTURE

CEILING/SOFFIT PAINT COLOR, REFERENCE A5.03 FOR PAINT SELECTION

# REFLECTED CEILING PLAN: SHEET NOTES

01 ALIGN FACE OF FINISH



CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

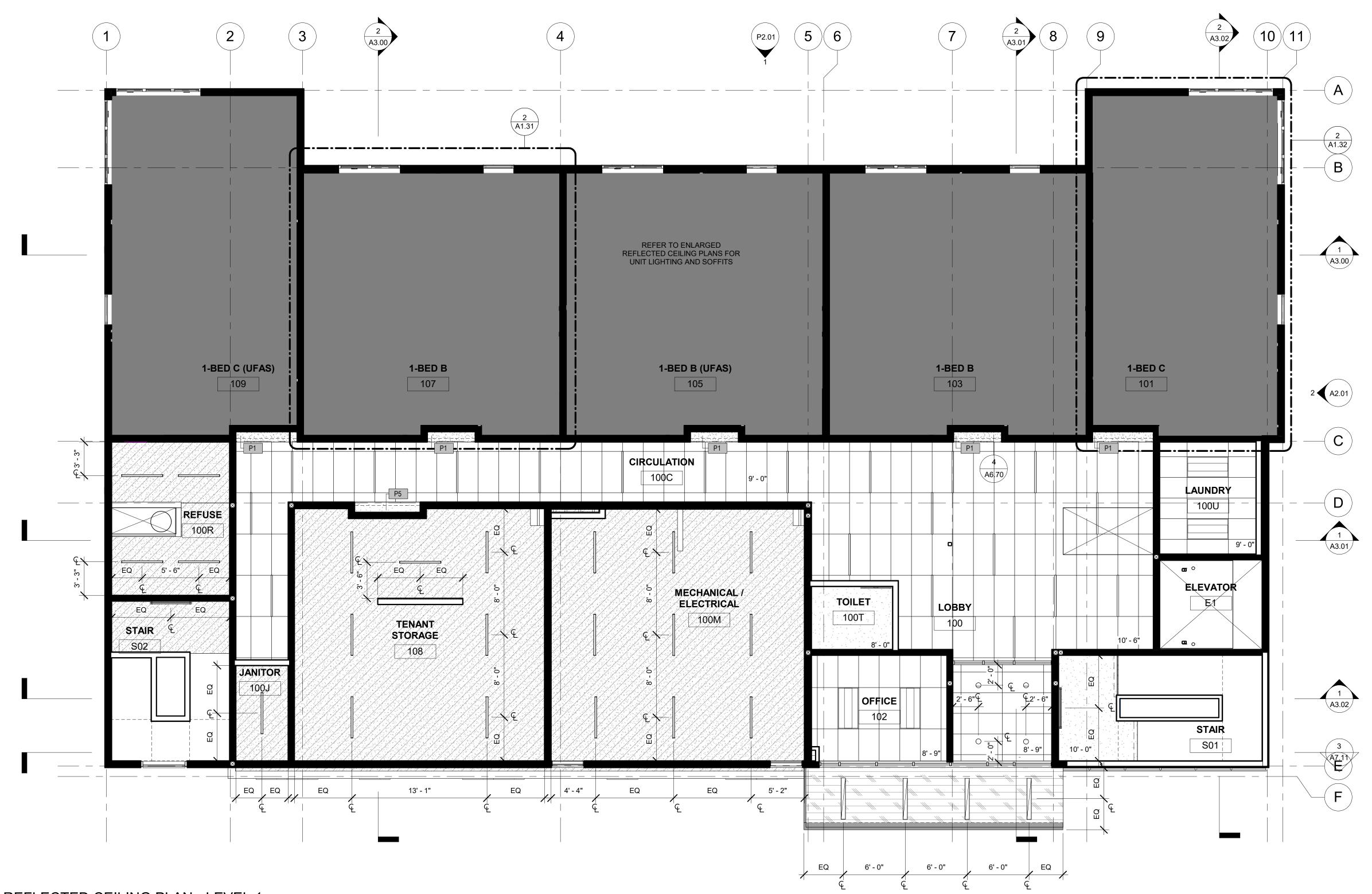
design,llc

**HOUSIN** AUTHORITY SKA TI-FAMIL HOUSING ANCHO BREWSTERS N **COOK INLET** 

DESCRIPTION

22-018 DATE 2023.03.08 REVIEWED

SHEET NAME REFLECTED CEILING PLAN -LEVEL 1



# REFLECTED CEILING PLAN: GENERAL NOTES

- DIMENSIONS ON REFLECTED CEILING PLANS ARE FROM FACE-OF-FINISH TO FACE-OF-FINISH, UNLESS OTHERWISE NOTED.
- 2. ALL CEILING MOUNTED ITEMS LOCATED IN A GWB CEILING SHALL BE PAINTED TO MATCH CEILING PAINT COLOR.
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- 7. CENTER VANITY LIGHT OVER MIRROR, UNO.

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NEW PARTITION, EXTEND GWB ABOVE CEILING 6" MINIMUM

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WALL ASSEMBLY TO EXTEND TO UNDERSIDE OF RATED FLOOR/CEILING ASSEMBLY

X' - X" CEILING HEIGHT

# REFLECTED CEILING PLAN: SHEET NOTES

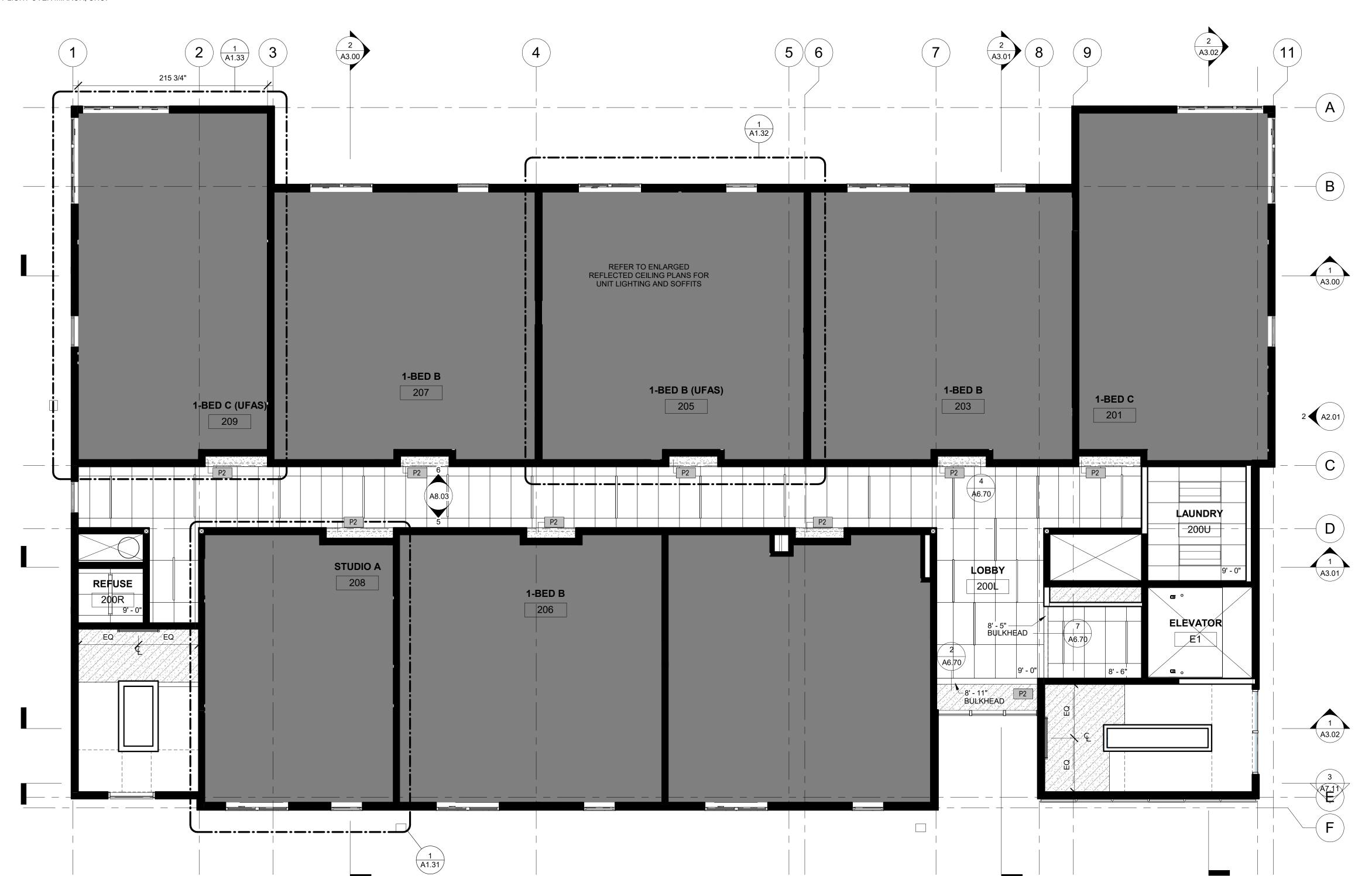
01 ALIGN FACE OF FINISH

GYP CEILING/SOFFIT, PAINT P7 IN UNITS AND PAINT P4 IN COMMON AREAS, UNO.

CEILING/SOFFIT PAINT COLOR, REFERENCE A5.03 FOR PAINT SELECTION

STRUCTURE

GYP CEILING AT UNDERSIDE OF





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**HOUSIN** AUTHORITY SKA TI-FAMIL HOUSING ANCHO BREWSTERS N **COOK INLET** 

DESCRIPTION

2023.03.08 REVIEWED

SHEET NAME REFLECTED CEILING PLAN -LEVEL 2

# REFLECTED CEILING PLAN: GENERAL NOTES

- DIMENSIONS ON REFLECTED CEILING PLANS ARE FROM FACE-OF-FINISH TO FACE-OF-FINISH, UNLESS OTHERWISE NOTED.
- ALL CEILING MOUNTED ITEMS LOCATED IN A GWB CEILING SHALL BE PAINTED TO MATCH CEILING PAINT COLOR.
- 3. REFERENCE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR CEILING MOUNTED DEVICES, LIGHT FIXTURES, AND DIFFUSERS/FANS.
- 4. GENERAL CONTRACTOR SHALL COORDINATE CEILING REQUIREMENTS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
- 5. ALL CEILING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH IBC CHAPTER 16 SEISMIC DESIGN REQUIREMENTS.
- 6. ALL WALL AND CEILING FINISHES SHALL MEET THE REQUIREMENTS OF IBC CHAPTER 8 AND TABLE 803.5 AS ADOPTED BY THE MUNICIPALITY OF ANCHORAGE.
- 7. CENTER VANITY LIGHT OVER MIRROR, UNO.

# REFLECTED CEILING PLAN: LEGEND

NEW PARTITION, EXTEND GWB ABOVE CEILING 6" MINIMUM

WALL ASSEMBLY TO EXTEND TO UNDERSIDE OF FLOOR SHEATHING IN RATED FLOOR/ CEILING OR ROOF/CEILING ASSEMBLY

WALL ASSEMBLY TO EXTEND TO UNDERSIDE OF RATED FLOOR/CEILING ASSEMBLY

X' - X" CEILING HEIGHT

# **REFLECTED CEILING PLAN: SHEET NOTES**

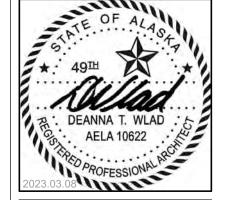
01 ALIGN FACE OF FINISH

CEILING/SOFFIT PAINT COLOR, REFERENCE A5.03 FOR PAINT SELECTION

STRUCTURE

GYP CEILING/SOFFIT, PAINT P7 IN UNITS AND PAINT P4 IN COMMON AREAS, UNO.

GYP CEILING AT UNDERSIDE OF



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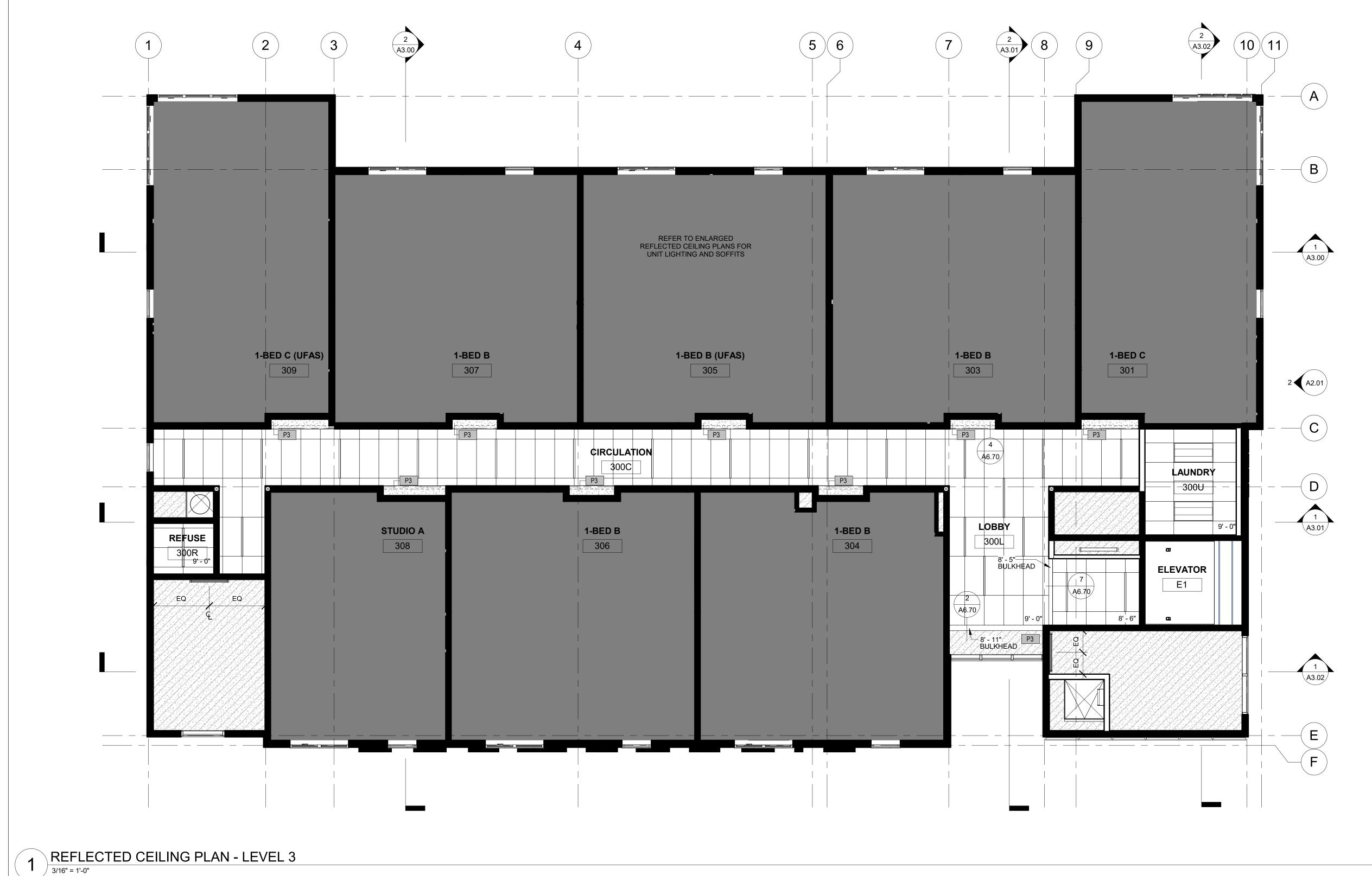
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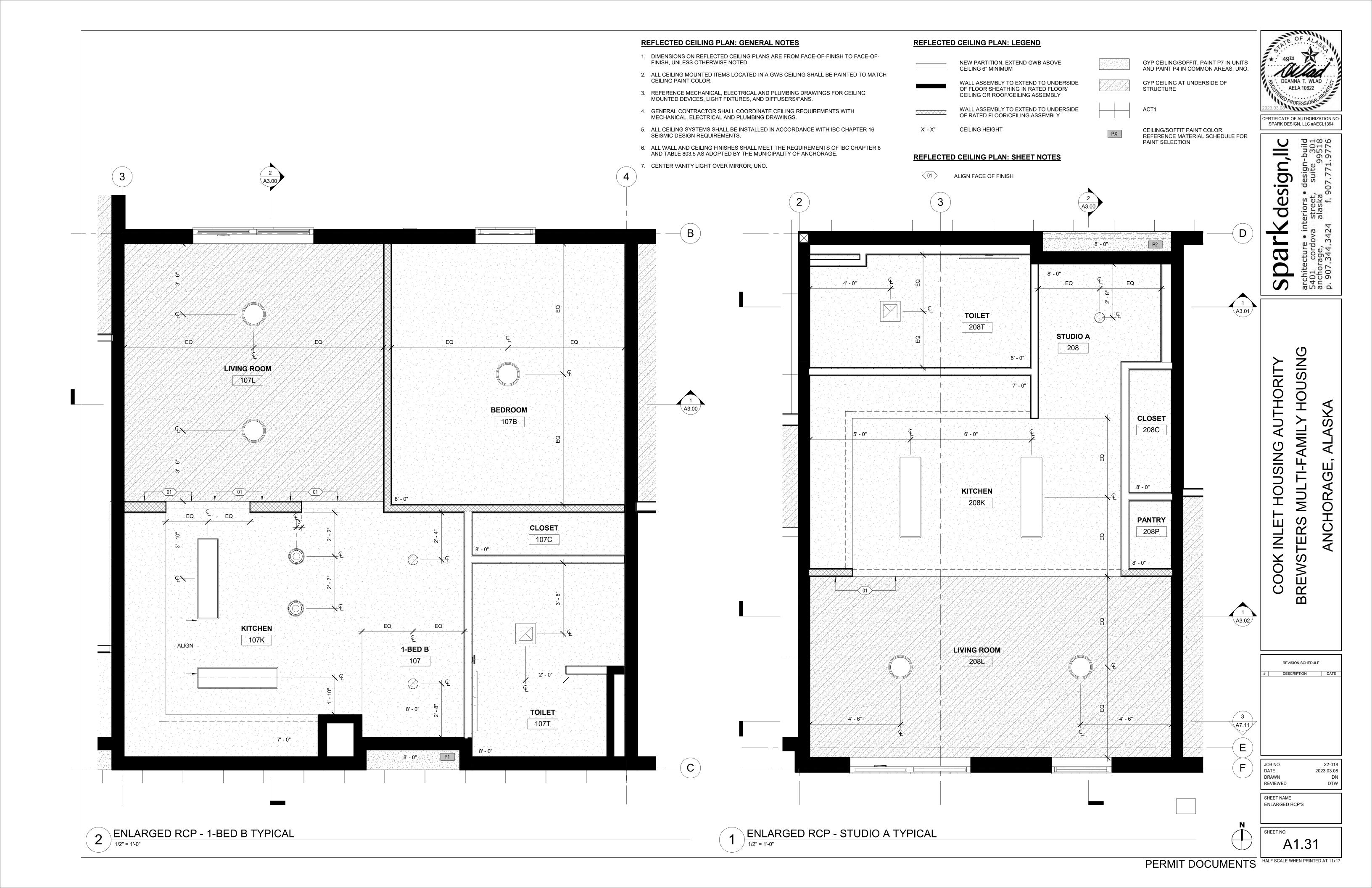
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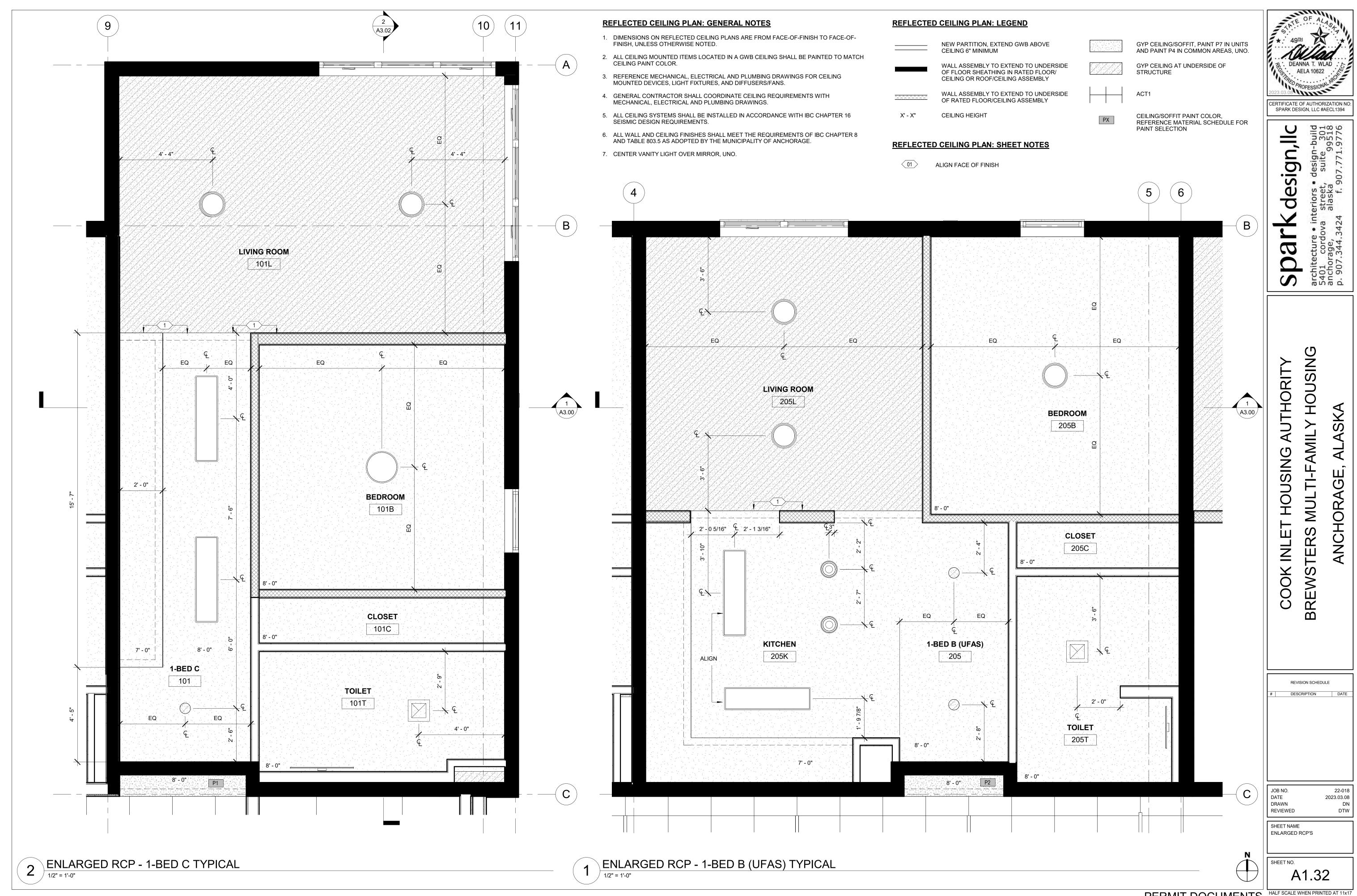
**COOK INLET** 

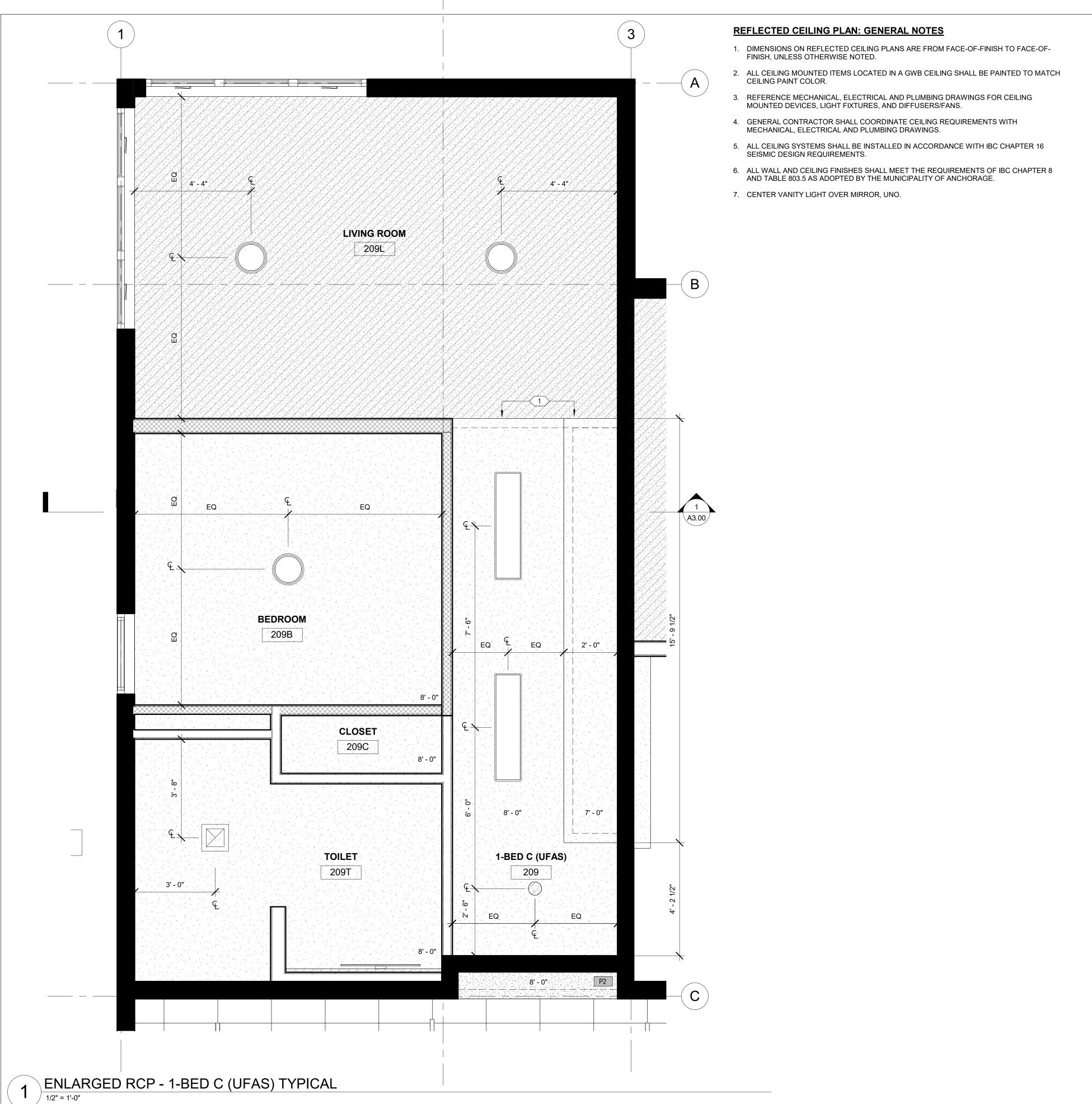
2023.03.08

REVIEWED SHEET NAME REFLECTED CEILING PLAN -LEVEL 3









### REFLECTED CEILING PLAN: LEGEND

NEW PARTITION, EXTEND GWB ABOVE CEILING 6" MINIMUM

WALL ASSEMBLY TO EXTEND TO UNDERSIDE OF FLOOR SHEATHING IN RATED FLOOR/ CEILING OR ROOF/CEILING ASSEMBLY

WALL ASSEMBLY TO EXTEND TO UNDERSIDE OF RATED FLOOR/CEILING ASSEMBLY

CEILING HEIGHT

GYP CEILING/SOFFIT, PAINT P7 IN UNITS AND PAINT P4 IN COMMON AREAS, UNO.

GYP CEILING AT UNDERSIDE OF STRUCTURE

ACT1

CEILING/SOFFIT PAINT COLOR, REFERENCE MATERIAL SCHEDULE FOR PAINT SELECTION

REFLECTED CEILING PLAN: SHEET NOTES

ALIGN FACE OF FINISH

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HOUSIN AUTHORITY SKA HOUSING ANCHOF BREWSTERS N **COOK INLET** 

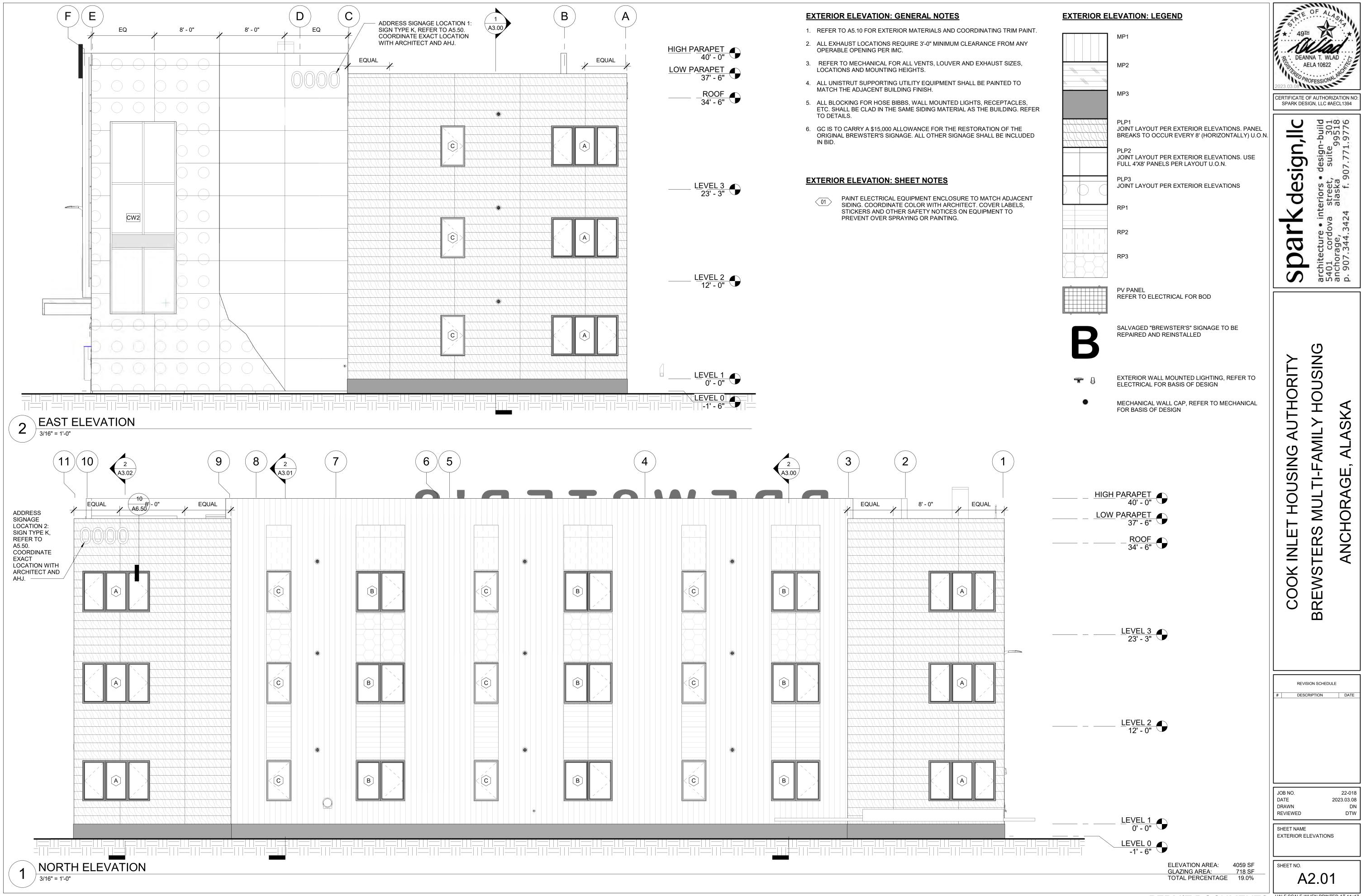
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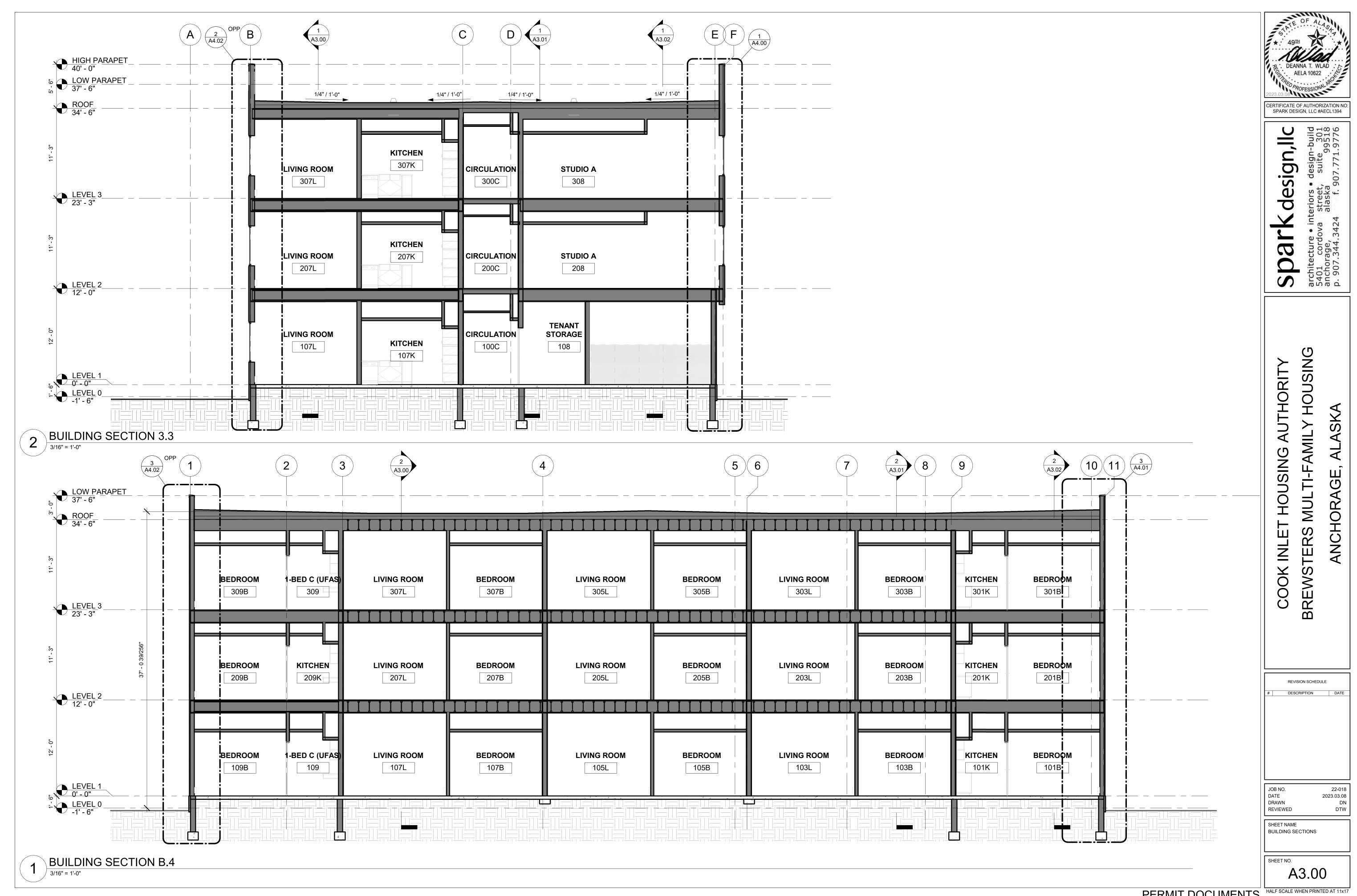
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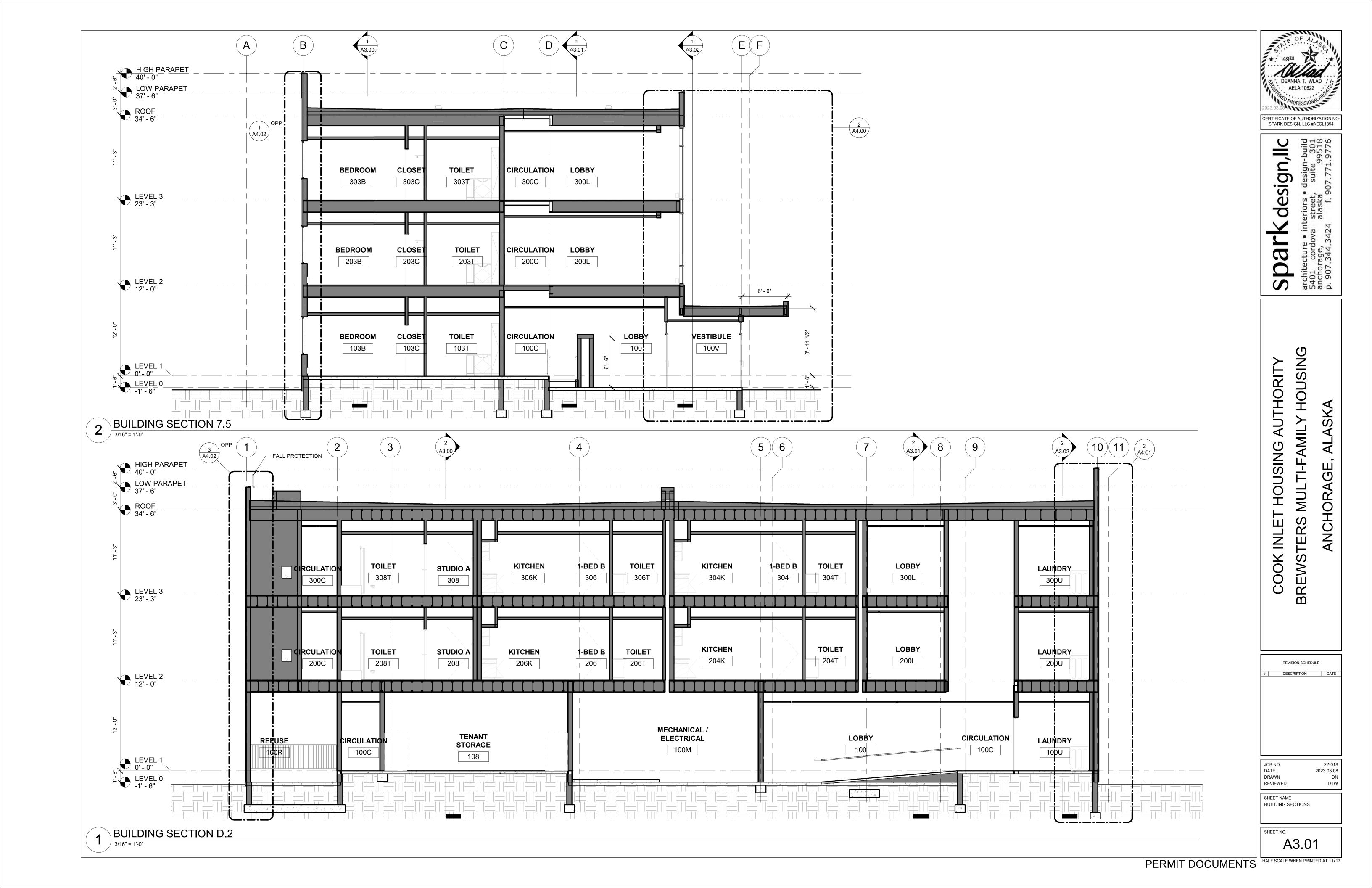
SHEET NAME ENLARGED RCP'S

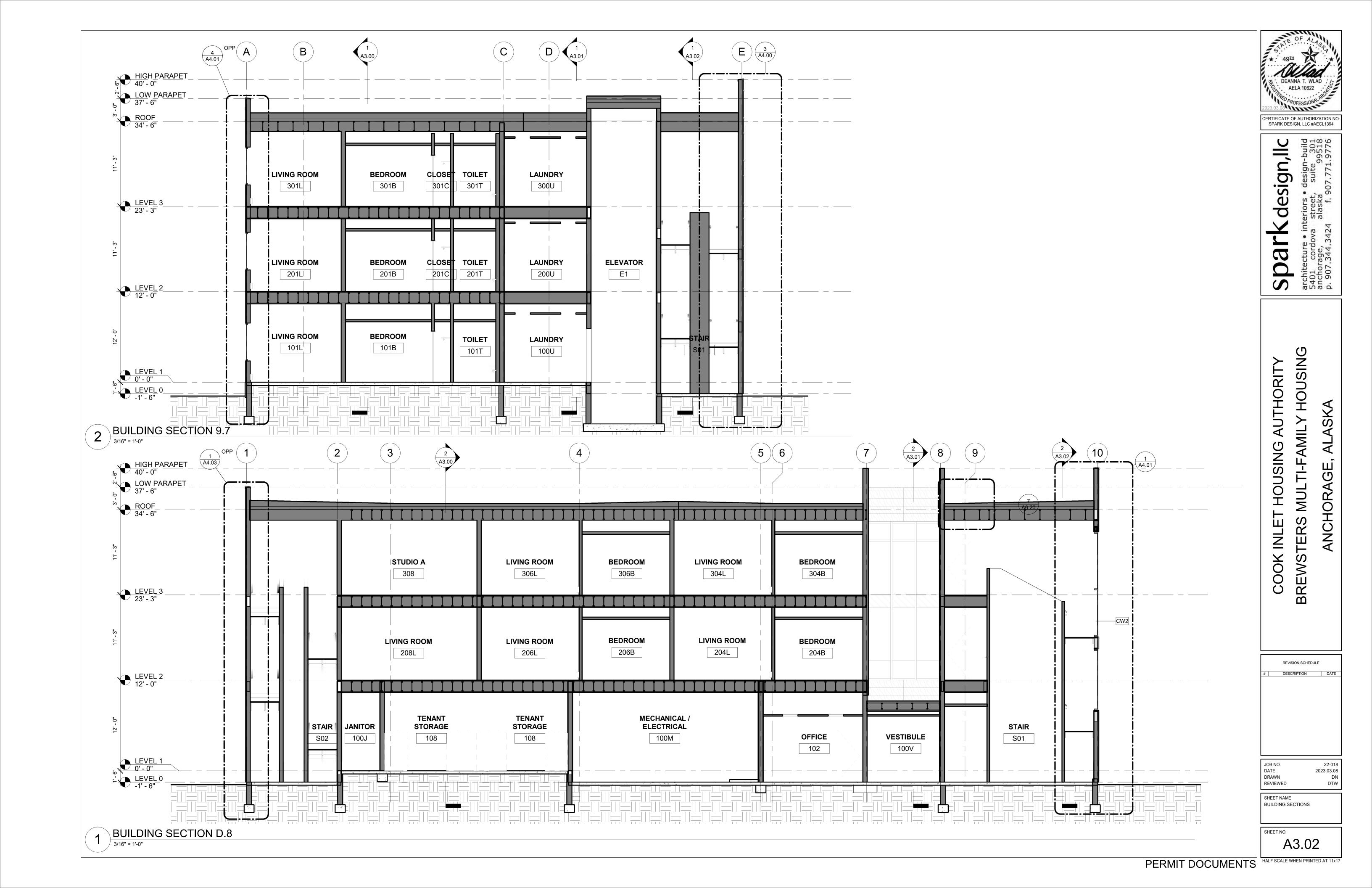
PERMIT DOCUMENTS

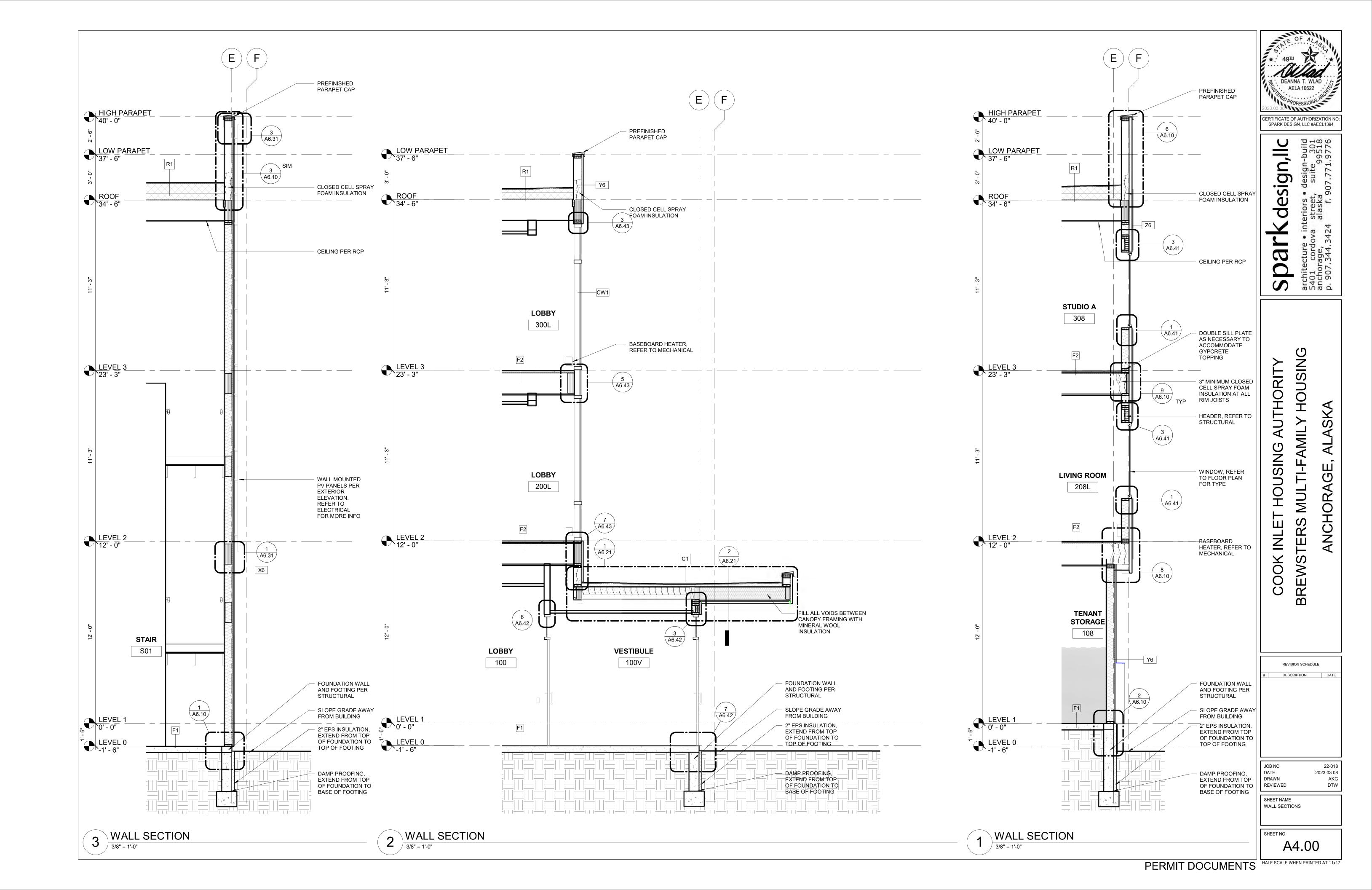


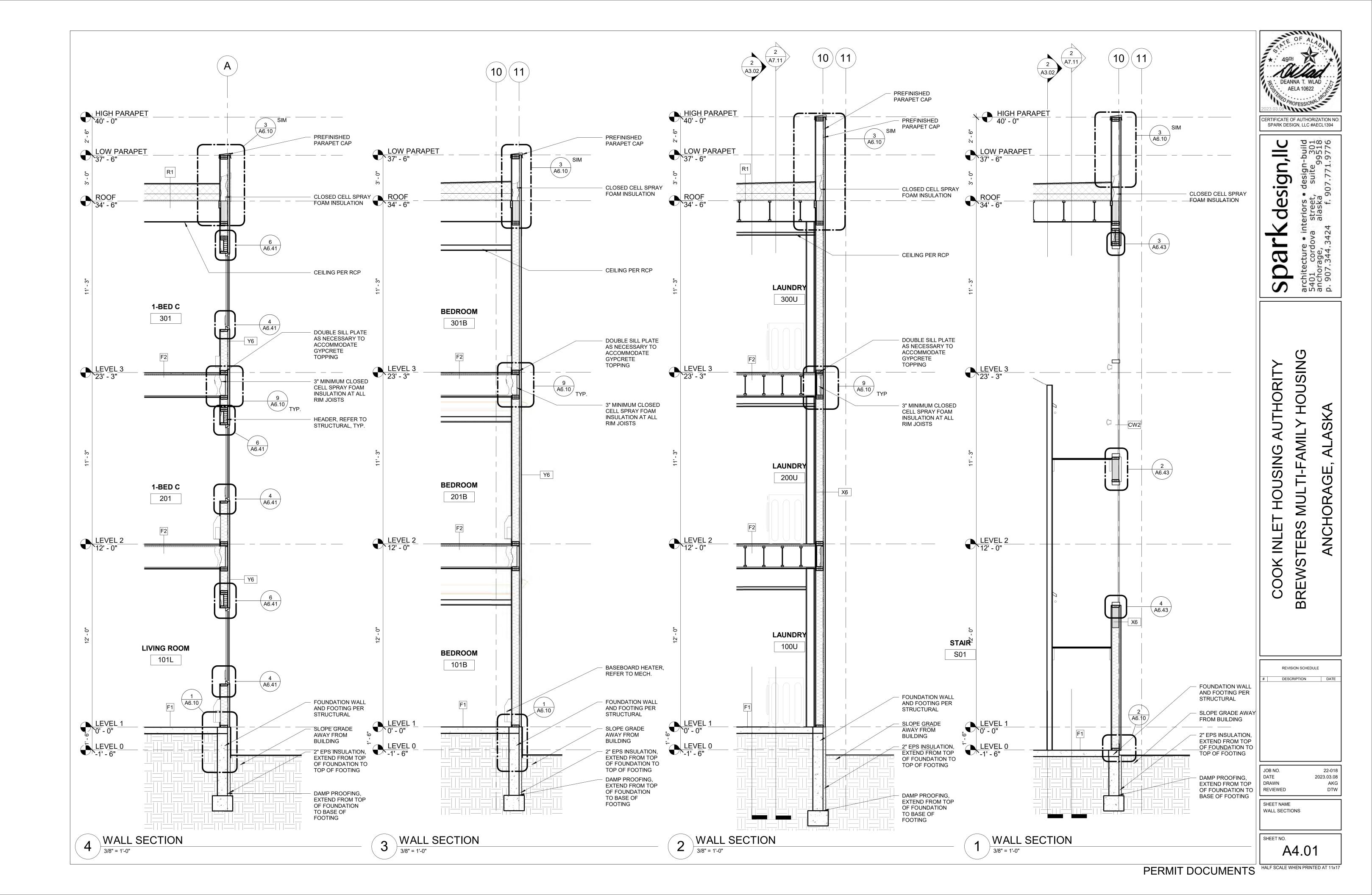


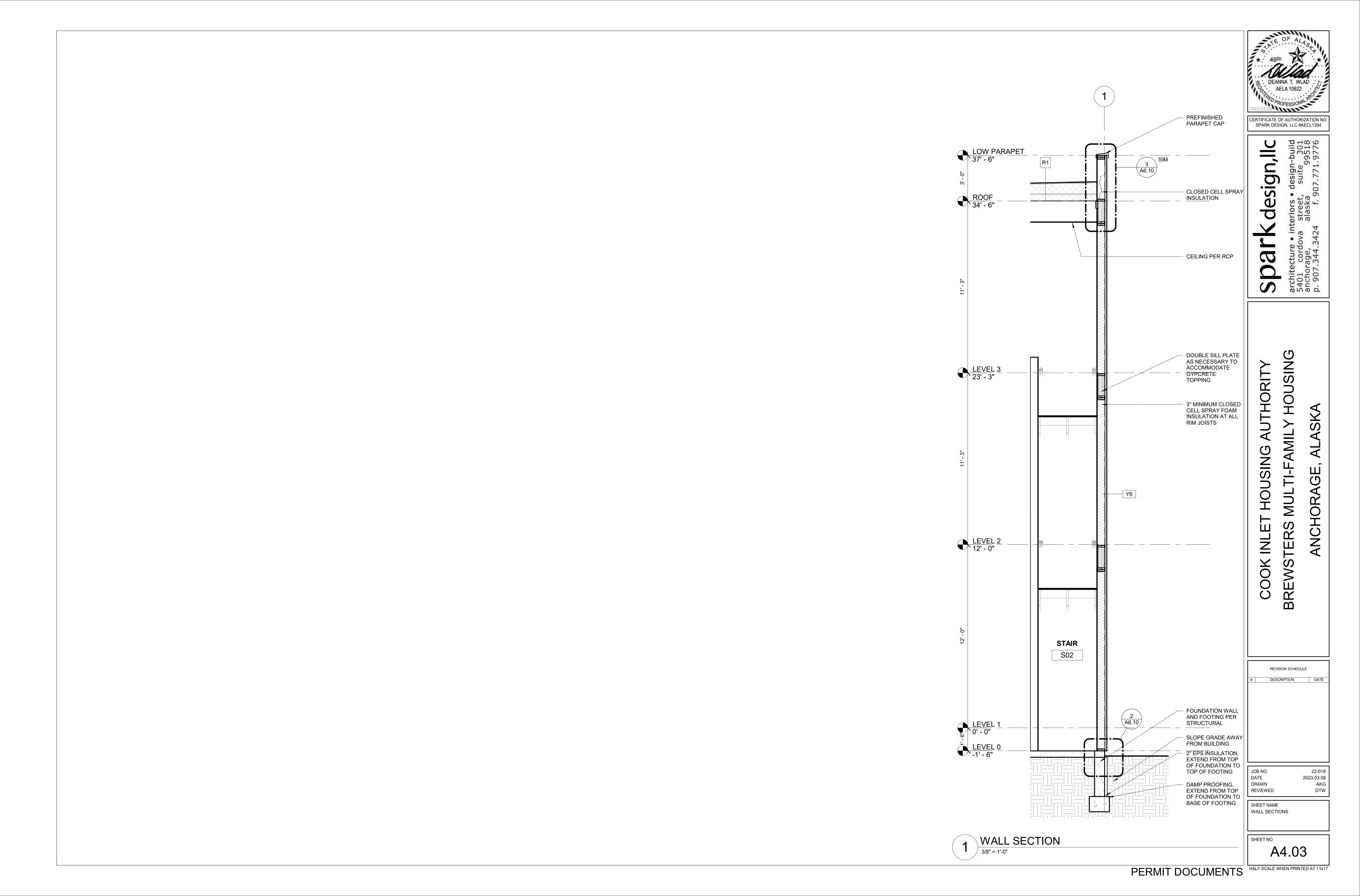












# DOOR BASIS OF DESIGN TYPE A: STOREFRONT SWINGING DOOR KAWNEER FULL LITE ALUMINUM STOREFRONT SWING DOOR STYLE: GLASS: FINISH: PER SCHEDULE TYPE B: **INSULATED HOLLOW METAL (IMH)** CURRIES 707 SERIES HEAVY DUTY SEAMLESS WITH WELDED EDGE STYLE: FINISH: U-VALUE: TYPE B: STYLE: GLASS: TYPE B: MFG: STYLE: MODEL: FINISH: TYPE C: MFG: STYLE: GLASS: FIRE RATING: PER DOOR SCHEDULE

TYPE D: **HOLLOW METAL DOOR (HM)** MFG: CURRIES 707 SERIES HEAVY DUTY SEAMLESS WITH WELDED EDGE STYLE: 18 GAUGE, POLYSTYRENE CORE FINISH: PRIMED / READY TO PAINT, PAINT PER SCHEDULE

REFER TO STOREFRONT LEGEND ON SHEET A5.02 GLASS: REFER TO DOOR LEGEND ON SHEET A5.02 FIRE RATING: PER DOOR SCHEDULE

18 GAUGE, , POLYSTYRENE CORE PRIMED / READY TO PAINT, PAINT PER SCHEDULE 0.20 MAXIMUM

**HOLLOW METAL DOOR (HM)** CURRIES 707 SERIES HEAVY DUTY SEAMLESS WITH WELDED EDGE 18 GAUGE, POLYSTYRENE CORE PRIMED / READY TO PAINT, PAINT PER SCHEDULE

REFER TO DOOR LEGEND ON SHEET A5.02 FIRE RATING: PER DOOR SCHEDULE

> WOOD SWINGING DOOR (WD) LYNDEN DOOR STANDARD CONSTRUCTION, WOOD VENEER (FLUSH PANEL) & COMMERCIAL SERIES (CD), WOOD VENEER (FLUSH PANEL)

P8 PARTICLEBOARD CORE AT NON-RATED DOORS CD200 PARTICLEBOARD CORE AT 20-MIN DOORS CD450 MINERAL CORE AT 45-MIN RATED DOORS CD600 MINERAL CORE AT 60-MIN RATED DOORS CD900 MINERAL CORE AT 90-MIN RATED DOORS

ROTARY CUT NATURAL BIRCH, BOOK MATCHED CLEARLINE FACTORY FINISH IN 00-CLEAR FIRE RATING: PER DOOR SCHEDULE

**HOLLOW METAL DOOR (HM)** 

CURRIES 707 SERIES HEAVY DUTY SEAMLESS WITH WELDED EDGE 18 GAUGE, POLYSTYRENE CORE PRIMED / READY TO PAINT, PAINT PER SCHEDULE REFER TO DOOR LEGEND ON SHEET A5.02

TYPE E:

TYPE F:

MFG:

MODEL

FINISH:

MFG:

STYLE:

MODEL:

FINISH:

TYPE D: WOOD SWINGING DOOR (WD) MFG: LYNDEN DOOR STYLE: STANDARD CONSTRUCTION, WOOD VENEER (FLUSH PANEL) WITH LOUVERS (120 SQ IN OF OPENING) MODEL: P8 PARTICLEBOÀRD CORE AT NON-RATED DOORS

FINISH: ROTARY CUT NATURAL BIRCH, BOOK MATCHED CLEARLINE FACTORY FINISH IN 00-CLEAR FIRE RATING: PER DOOR SCHEDULE

> WOOD BY-PASS DOOR LYNDEN DOOR STANDARD CONSTRUCTION, WOOD VENEER (FLUSH PANEL) P8 PARTICLEBOARD CORE AT NON-RATED DOORS

ROTARY CUT NATURAL BIRCH, BOOK MATCHED

CLEARLINE FACTORY FINISH IN 00-CLEAR

**WOOD BY-PASS DOOR** 

LYNDEN DOOR STANDARD CONSTRUCTION, WOOD VENEER (FLUSH PANEL) P8 PARTICLEBOARD CORE AT NON-RATED DOORS ROTARY CUT NATURAL BIRCH, BOOK MATCHED CLEARLINE FACTORY FINISH IN 00-CLEAR

FRAME BASIS OF DESIGN

INSULATED HOLLOW METAL FRAME (IHM)

CURRIES THERMAL-BREAK HEAVY DUTY (16 GAUGE)

PRIMED, READY FOR PAINT PAINT PER SCHEDULE FINISH:

**HOLLOW METAL FRAME (HM)** 

PRODUCT: KERFED (CK SERIES) FRAME (18 GAUGE) GASKET: TA-46 INTEGRAL GASKET IN WHITE CASING: TA-8 STEEL

FINISH: PRIMED AND FACTORY FINISH (GRAY OR SIMILAR, ARCHITECT TO SELECT COLOR) RATING: PER DOOR SCHEDULE

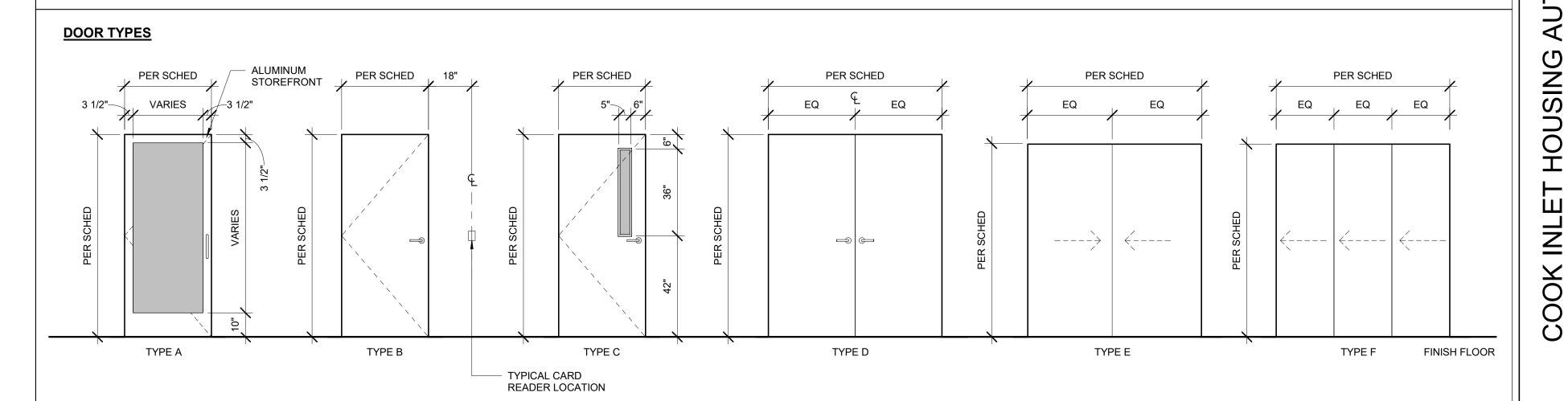
WOOD DOOR FRAME (WD)

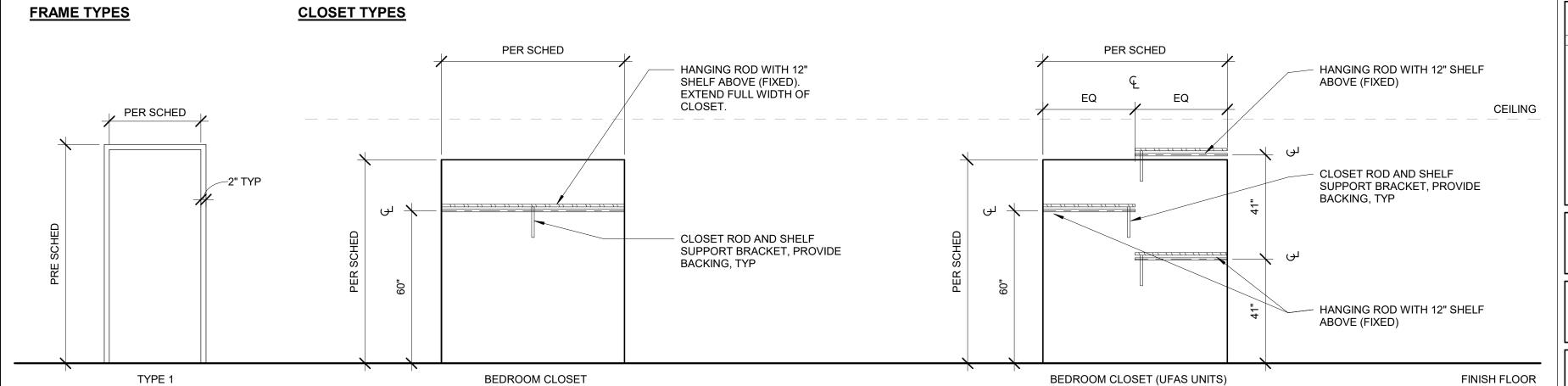
CASING: WD3 FINISH: PRIMED, READY TO PAINT

# **DOOR & FRAME NOTES**

- 1. ANSI 11.1-2009 404.2.10 VISION LITES. DOORS AND SIDELIGHTS ADJACENT TO DOORS CONTAINING ONE OR MORE GLAZING PANELS THAT PERMIT VIEWING THROUGH THE PANELS SHALL HAVE THE BOTTOM OF AT LEAST ONE PANEL ON EITHER THE DOOR OR AN ADJACENT SIDELITE 43" MAXIMUM ABOVE THE FLOOR.
- 2. ALL GLAZING FRAMES IN DOORS SHALL BE FINISHED TO MATCH THE DOOR FINISH.
- 3. ALL GLAZING SHALL COMPLY WITH CHAPTER 24.
- 4. SAFETY GLAZING SHALL BE PROVIDED PER CHAPTER 24

# DOOR & FRAME TYPES





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**HOUSIN** AUTHORITY S AMIL HOUSING ANCHO

DESCRIPTION

**BREWSTERS** 

2023.03.08 REVIEWED

SHEET NAME DOOR AND FRAME TYPES

SHEET NO. A5.00

						DOC	OR AND	FRAM	IE SCH	EDULE -	- RESIDE	NTIAL U	INITS		
			DOORS	<b>)</b>				FRAMES							
DOOR NO.	TYPE	MATL	FINISH	GLASS TYPE	SIZ W	ZE H	TYPE	MATL	FINISH	HEAD	JAMB	SILL	FIRE RATING	HARDWARE SET	REMARKS
A001	В	WD	FF	N/A	36"	80"	1	WD	P7	8/A6.40	8/A6.40	7/A6.40	N/A		-
A002	Е	WD	FF	N/A	60"	80"	1	WD	P7	12/A6.40	11/A6.40		N/A		
A003	В	WD	FF	N/A	30"	80"	1	WD	P7	8/A6.40	8/A6.40	7/A6.40	N/A		
B001	В	WD	FF	N/A	36"	80"	1	WD	P7	8/A6.40	8/A6.40	7/A6.40	N/A		-
B002	Е	WD	FF	N/A	72"	80"	1	WD	P7	12/A6.40	11/A6.40		N/A		
B003	В	WD	FF	N/A	36"	80"	1	WD	P7	8/A6.40	8/A6.40	7/A6.40	N/A		-
B004	D	WD	FF	N/A	72"	84"	1	WD	P7	8/A6.40	8/A6.40	7/A6.40	N/A		
C001	В	WD	FF	N/A	36"	80"	1	WD	P7	8/A6.40	8/A6.40	7/A6.40	N/A		-
C002	F	WD	FF		108"	80"		WD	P7	12/A6.40 (SIM)	11/A6.40 (SIM)				
C003	В	WD	FF	N/A	36"	80"	1	WD	P7	8/A6.40	8/A6.40	7/A6.40	N/A		-
C004	D	WD	FF	N/A	63"	84"	1	WD	P7	8/A6.40	8/A6.40	7/A6.40	N/A		

	DOOR AND FRAME SCHEDULE - COMMON AREAS														
			DOORS						F	RAMES					
DOOR NO.	TYPE	MATL	FINISH	GLASS TYPE	SI W	ZE H	TYPE	MATL	FINISH	HEAD	JAMB	SILL	FIRE RATING	HARDWARE SET	REMARKS
EVEL 0	)														
I00Ma	В	НМ	P5	N/A	36"	84"	1	НМ	FF	9 / A6.40	9 / A6.40	10 / A6.40			
I00Mb	D	IHM	EP2	N/A	72"	84"	1	IHM	EP2	6 / A6.40	5 / A6.40	4 / A6.40	N/A		HARDWARE TO BE DEADBOLT WITH PASSAGE LEVER
I00Rb	D	IHM	EP2	N/A	96"	84"	1	IHM	EP2	6 / A6.40	5 / A6.40	4 / A6.40	N/A		HARDWARE TO BE DEADBOLT WITH PASSAGE LEVER
00T	В	НМ	P1 / P4	N/A	36"	84"	1	НМ	FF	9 / A6.40	9 / A6.40	10 / A6.40	N/A		
00Va	Α	ALUM	CLR ANOD	IG2	42"	84"	SF1	ALUM	CLR ANOD	3 / A6.42	2 / A6.42	1 / A6.40	N/A		
00Vb	А	ALUM	CLR ANOD	G2	42"	84"	SF2	ALUM	CLR ANOD	2 / A6.42	5 / A6.42	1 / A6.40 SIM	N/A		
02a	В	НМ	P4	N/A	36"	84"	1	НМ	FF	9 / A6.40	9 / A6.40	10 / A6.40	60 MIN		
02b	С	НМ	P4	G2	36"	84"	1	НМ	FF	9 / A6.40	9 / A6.40	10 / A6.40	60 MIN		
601a	С	HM	P5 EP2	G2	36"	84"	1	HM	FF ED2	9 / A6.40	9 / A6.40	10 / A6.40	60 MIN		
602a	<u>В</u>	IHM	LP2	N/A	36"	84"	1	IHM	EP2	6 / A6.40	5 / A6.40	4 / A6.40	N/A		
EVEL 1	<u> </u> В	НМ	P5	N/A	36"	84"	1	НМ	FF	9 / A6.40	9 / A6.40	10 / A6.40	N/A		
003 00Ra	С	WD	P1 / P4	G2	36"	84"	1	HM	FF	9 / A6.40 9 / A6.40	9 / A6.40 9 / A6.40	10 / A6.40	60 MIN		
00U	В	HM	P1	N/A	36"	84"	1	HM	FF	9 / A6.40		10 / A6.40	60 MIN		
01	В	WD	FF	N/A	36"	84"	1	НМ	FF	9 / A6.40	9 / A6.40	10 / A6.40	20 MIN		DOOR CLOSER
03	В	WD	FF	N/A	36"	84"	1	HM	FF	9 / A6.40	9 / A6.40	10 / A6.40	20 MIN		DOOR CLOSER
05 07	В В	WD WD	FF FF	N/A N/A	36" 36"	84" 84"	1	HM HM	FF FF	9 / A6.40 9 / A6.40	9 / A6.40 9 / A6.40	10 / A6.40 10 / A6.40	20 MIN 20 MIN		DOOR CLOSER DOOR CLOSER
08	В	WD	FF	N/A N/A	36"	84"	1	HM	FF	8 / A6.60	8 / A6.60	7 / A6.60	60 MIN		DOOR CLOSER
09	В	WD	FF	N/A	36"	84"	1	HM	FF	9 / A6.40	9 / A6.40	10 / A6.40	20 MIN		5551, 525521,
A1	В	НМ	P5	N/A	36"	84"	1	НМ	FF	9 / A6.40	9 / A6.40	10 / A6.40	60 MIN		DOOR CLOSER AND GASKET
802b	С	HM	P1	G2	36"	84"	1	HM	FF	9 / A6.40	9 / A6.40	10 / A6.40	60 MIN		
EVEL 2	2														
00E	D	HM	P4	N/A	72"	84"	1	HM	FF	9 / A6.40		10 / A6.40	N/A		
00R 00U	C B	HM HM	P5 P2	G2 N/A	36" 36"	84" 84"	1	HM HM	FF FF	9 / A6.40 9 / A6.40	9 / A6.40 9 / A6.40	10 / A6.40 10 / A6.40	60 MIN 60 MIN		
01	В	WD	FF	N/A	36"	84"	1	HM	FF	9 / A6.40		10 / A6.40	20 MIN		DOOR CLOSER
03	В	WD	FF	N/A	36"	84"	1	HM	FF	9 / A6.40	9 / A6.40	10 / A6.40	20 MIN		DOOR CLOSER
04	В	WD	FF	N/A	36"	84"	1	НМ	FF	9 / A6.40	9 / A6.40	10 / A6.40	20 MIN		DOOR CLOSER
05	В	WD	FF	N/A	36"	84"	1	HM	FF	9 / A6.40	9 / A6.40	10 / A6.40	20 MIN		DOOR CLOSER
06	В	WD	FF	N/A	36"	84"	1	HM	FF	9 / A6.40		10 / A6.40	20 MIN		DOOR CLOSER
07 08	В В	WD WD	FF FF	N/A N/A	36" 36"	84" 84"	1	HM HM	FF FF	9 / A6.40 9 / A6.40	9 / A6.40 9 / A6.40	10 / A6.40 10 / A6.40	20 MIN 20 MIN		DOOR CLOSER DOOR CLOSER
09	В	WD	FF	N/A	36"	84"	1	HM	FF	9 / A6.40	9 / A6.40		20 MIN		DOON GLOGEN
01b	С	НМ	P5	G2	36"	84"	1	НМ	FF	9 / A6.40	9 / A6.40	10 / A6.40	60 MIN		
602c	С	НМ	P2	G2	36"	84"	1	НМ	FF	9 / A6.40	9 / A6.40	10 / A6.40	60 MIN		
EVEL 3		LINA	D4	NI/A	70"	0.4"	1		l cc l	0 / 06 40	0 / 06 40	10 / 06 40	NI/A		
00E 00R	D C	HM HM	P4 P5	N/A G2	72" 36"	84" 84"	1	HM HM	FF FF	9 / A6.40 9 / A6.40	9 / A6.40 9 / A6.40	10 / A6.40 10 / A6.40	N/A 60 MIN		
00U	В	HM	P3	N/A	36"	84"	1	HM	FF	9 / A6.40		10 / A6.40	60 MIN		
01	В	WD	FF	N/A	36"	84"	1	НМ	FF	9 / A6.40	9 / A6.40	10 / A6.40	20 MIN		DOOR CLOSER
02S	В	HM	P3	<b>.</b>	36"	84"	1	HM	FF	9 / A6.40		10 / A6.40	N/A		000000000000000000000000000000000000000
03	B B	WD WD	FF FF	N/A N/A	36" 36"	84" 84"	1	HM HM	FF FF	9 / A6.40 9 / A6.40	9 / A6.40 9 / A6.40	10 / A6.40	20 MIN 20 MIN		DOOR CLOSER DOOR CLOSER
04 05	В В	WD	FF	N/A N/A	36"	84"	1	HM	FF	9 / A6.40 9 / A6.40	9 / A6.40 9 / A6.40		20 MIN 20 MIN		DOOR CLOSER
06	В	WD	FF	N/A	36"	84"	1	HM	FF	9 / A6.40	9 / A6.40	10 / A6.40	20 MIN		DOOR CLOSER
07	В	WD	FF	N/A	36"	84"	1	НМ	FF	9 / A6.40	9 / A6.40	10 / A6.40	20 MIN		DOOR CLOSER
08	В	WD	FF	N/A	36"	84"	1	НМ	FF	9 / A6.40	9 / A6.40	10 / A6.40	20 MIN		DOOR CLOSER
09	В	WD	FF	N/A	36"	84"	1	HM	FF	9 / A6.40	9 / A6.40		20 MIN		
01c 02d	C	HM HM	P5 P3	G2 G2	36" 36"	84" 84"	1	HM HM	FF FF	9 / A6.40 9 / A6.40	9 / A6.40 9 / A6.40	10 / A6.40 10 / A6.40	60 MIN 60 MIN		
1		1 1141		<u> </u>	_ 55			1 1141		5,710.40	37710.40	, 10.40	JO WIII V		I
ROOF					40"	40"									
R01					48"	48"									

architecture • interiors • design-build 5401 cordova street, suite 301 anchorage, alaska 99518 p. 907.344.3424 f. 907.771.9776 **Spark** design, llc BREWSTERS MULTI-FAMILY HOUSING HOUSING AUTHORITY ANCHORAGE, ALASKA COOK INLET

DEANNA T. WLAD

AELA 10622

CERTIFICATE OF AUTHORIZATION NO:
SPARK DESIGN, LLC #AECL1394

REVISION SCHEDULE

DESCRIPTION DATE

 JOB NO.
 22-018

 DATE
 2023.03.08

 DRAWN
 AKG

 REVIEWED
 DTW

SHEET NAME DOOR SCHEDULES

SHEET NO. **A5.01** 

# WINDOW TYPES 8' - 3" EQ EQ EQ EQ EQ A (a) FLOOR LEVEL

22' - 7 3/4"

2' - 7"

IG1

IG2

A6.42

IG2

3' - 9"

IG2

3' - 7"

SF1

IG1

3' - 7"

A6.42

7 A6.42

### **VINYL WINDOW GENERAL NOTES**

- 1. ALL GLAZING SHALL COMPLY WITH CHAPTER 24.
- 2. SAFETY GLAZING SHALL BE PROVIDED PER CHAPTER 24.
- 3. REFER TO EXTERIOR ELEVATIONS FOR LOCATION AND DIRECTION OF ALL CASEMENT SWINGS.
- 4. EXTERIOR VINYL COLOR TO BE WHITE.
- 5. INTERIOR VINYL COLOR TO BE WHITE.
- 6. ALL OPERABLE WINDOWS ON LEVEL 2 AND LEVEL 3 SHALL BE PROVIDED WITH WINDOW FALL PREVENTION DEVICES THAT COMPLY WITH ASTM F2090.
- 7. ALL WINDOWS IN UNITS SHALL RECEIVE WDC1.
- 8. ALL WINDOW SILLS TO BE WS1.

9' - 8 1/2"

3' - 2 1/2"

3' - 3"

3' - 3"

9. INTERIOR OF WINDOW JAMBS AND HEAD SHALL BE WRAPPED WITH GWB, PAINTED TO MATCH ADJACENT WALL.

8' - 1"

10. BASIS OF DESIGN: TRIPLE PANE, LOW-E, ARGON FILLED, MAXIMUM U-FACTOR OF 0.20 (OR AS SPECIFIED TO ACHIEVE BEES RATING).

#### **VINYL WINDOW DETAILS**

6/A6.41: TYPICAL VINYL WINDOW AT PLP HEAD 5/A6.41: TYPICAL VINYL WINDOW AT PLP JAMB 4/A6.41: TYPICAL VINYL WINDOW AT PLP SILL

3/A6.41: TYPICAL VINYL WINDOW AT MP HEAD 2/A6.41: TYPICAL VINYL WINDOW AT MP JAMB 1/A6.41: TYPICAL VINYL WINDOW AT MP SILL

CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

design,llc

HOUSIN AUTHORITY SKA

AMIL OUSING  $\top$ ANCHO COOK INLET I BREWSTERS N

REVISION SCHEDULE

DESCRIPTION

2023.03.08

DATE DRAWN REVIEWED

SHEET NAME WINDOW & STOREFRONT TYPES

SHEET NO. A5.02

STOREFRONT / CURTAIN WALL TYPES

# STOREFRONT / CURTAIN WALL GENERAL NOTES

- 1. ALL GLAZING SHALL COMPLY WITH CHAPTER 24.
- 2. SAFETY GLAZING SHALL BE PROVIDED PER CHAPTER 24.
- 3. REFER TO LEGEND FOR GLAZING TYPES.
- 4. ALL EXTERIOR GLAZING TO BE IG1 UNLESS NOTED OTHERWISE.
- 5. ALL INTERIOR GLAZING TO BE G2 UNLESS NOTED OTHERWISE.
- 6. MULLION FINISH TO BE CLEAR ANODIZED.
- 7. STOREFRONT MULLION PROFILE BOD: 2" x 4 1/2" THERMALLY BROKEN A. BASIS OF DESIGN: TRIFAB 451UT, BY KAWNEER
- 8. CURTAIN WALL MULLION PROFILE BOD: 2 1/2" x 6" THERMALLY BROKEN
- A. BASIS OF DESIGN: 1600UT WALL SYSTEM 1, BY KAWNEER
- 9. WINDOW SILLS, WHERE OCCUR, TO BE WS1.
- 10. INTERIOR OF CURTAIN WALL / STOREFRONT JAMBS AND HEAD SHALL BE WRAPPED WITH GWB, PAINTED TO MATCH ADJACENT WALL.

3' - 7"

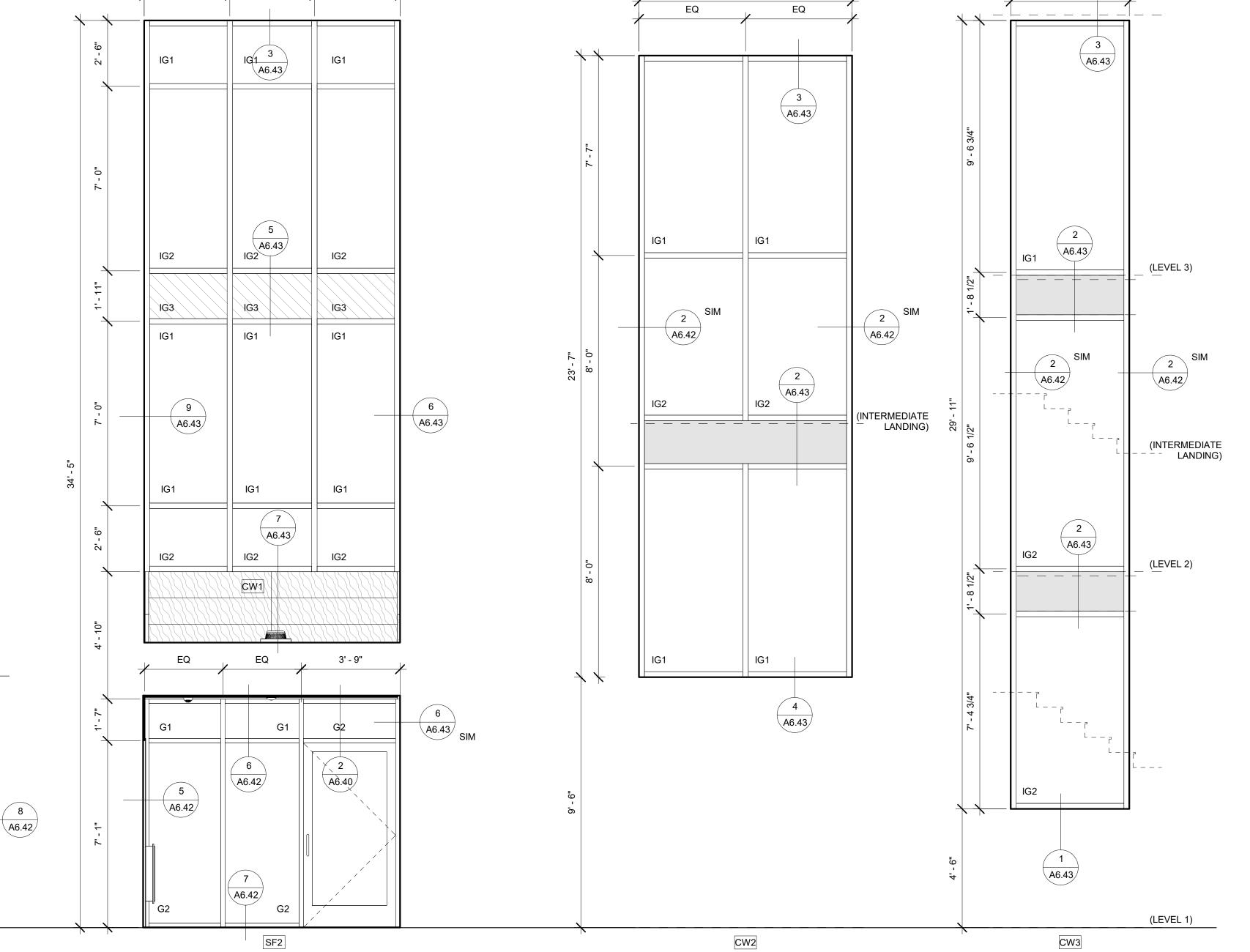
A6.42

IG2

IG2

# **GLAZING LEGEND**

- IG1: INSULATED GLAZING UNIT LOW-E, ARGON FILLED, MAXIMUM U-VALUE OF 0.26
- SOLARBAN 60(2) + CLEAR IG2: TEMPERED INSULATED GLAZING UNIT
- LOW-E, ARGON FILLED, MAXIMUM U-VALUE OF 0.26 SOLARBAN 60(2) + CLEAR
- IG3: SPANDREL PANEL
- LOW-E, ARGON FILLED, MAXIMUM U-VALUE OF 0.26 SOLARBAN 60(2) + OPACI-COAT-300 COLOR: TBD
- G1: 1/4" GLAZING
- G2: 1/4" TEMPERED GLAZING



		APPLIANCES / TO	ILET ROOM A	CCESSORIES / SPEC	CIALTY EQUIPMENT
CODE	DESCRIPTION	MANUFACTURER	MODEL	FINISH	COMMENTS
	TOILET ACCESSORIES	KOALA KADE	KB200 CC	CDEV AND CTAINLESS	
BCS		KOALA KARE	KB200-SS	GREY AND STAINLESS STEEL	
€B	GRAB BAR	BOBRICK	B-6806 SERIES	SATIN-FINISH STAINLESS STEEL	<del></del>
MR2	MIRROR	-	36X36 POLISHED EDGES	SATIN NICKEL	TO WALL WITH MASTIC AND ALUMINUM J-MOLD AT TOP AND BOTTOM.
PTDR	PAPER TOWEL DISPENSER / RECEPTACLE	BOBRICK	B-38032	SATIN-FINISH STAINLESS STEEL	
SD	SOAP DISPENSER	BOBRICK	B-26627	SATIN-FINISH STAINLESS STEEL	
SND	SANITARY NAPKIN	BOBRICK	B-270	SATIN-FINISH STAINLESS	
ΓPD2	DISPOSAL  TOILET PAPER DISPENSER	BOBRICK	B-4288	STEEL SATIN-FINISH STAINLESS	
rscd	TOILET SEAT COVER	BOBRICK	B-4221	STEEL SATIN-FINISH STAINLESS	
	DISPENSER	DOD! WORL	J 1221	STEEL	
	LTY EQUIPMENT - JANITOR				
ИВH	MOP AND BROOM HOLDER	BOBRICK	B-223	SATIN-FINISH STAINLESS STEEL	
SPECIA	LTY EQUIPMENT - LOBBY				
иВ1	MAILBOX / PARCEL BOX	FLORENCE CORPORATION	4C12D-10	ANODIZED ALUMINUM	PROVIDE (3) KEYS, (1) CLEAR PLASTIC CARD HOLDER PER BOX, FRONT LOAD UNITS. USPS ACCESS, ADA COMPLIANT
ИВ2	MAILBOX / PARCEL BOX	FLORENCE	4C12D-11	ANODIZED ALUMINUM	PROVIDE (3) KEYS, (1) CLEAR PLASTIC CARD HOLDER PER
RD	RENT DROP BOX	CORPORATION FLORENCE	120RA	ANODIZED ALUMINUM	BOX, FRONT LOAD UNITS. USPS ACCESS, ADA COMPLIANT 'RENT DROP' TO BE ON FRONT OF UNIT. RECESSED UNIT.
		CORPORATION			
	LTY EQUIPMENT - STORAGE	FOI DING OLIADD	074040411/	OALVANIZED OTTE	
STCG	STORAGE CUBE	FOLDING GUARD CORPORATION	ST134GALV	GALVANIZED STEEL	3'X 4' X 90"H
JNIT					
CH	COAT HOOKS	BRADLEY CORP	9134 HAT & COAT HOOK	SATIN-FINISH STAINLESS STEEL	
			oom noon	0.222	
JNII AF DW1	PPLIANCES DISHWASHER	GE APPLIANCES	GDP630PGRWW	WHITE	24" WIDE DISHWASHER, ENERGY STAR QUALIFIED, PLASTIC
REF1	REFRIGERATOR	GE APPLIANCES	GIE22JTNRWW	WHITE	INTERIOR ENERGY STAR QUALIFIED, 21.9 CU. FT. TOP-FREEZER
RG1	RANGE	GE APPLIANCES	JB258DMWW	WHITE	REFRIGERATOR  ENERGY STAR QUALIFIED 30" FREE STANDING ELECTRIC
					RANGE WITH ELECTRIC COILS
RH1	RANGE HOOD	PER MECHANICAL	PER MECHANICAL	WHITE	30" UNDERCABINET HOOD, REFER TO INTERIOR ELEVATIONS FOR UFAS COMPLIANT SWITCH AT UFAS UNITS.
JNIT AF	PPLIANCES (UFAS)				
DW2	DISHWASHER (UFAS)	GE APPLIANCES	GDT225SGLWW	WHITE	24" WIDE DISHWASHER, ENERGY STAR QUALIFIED, ADA COMPLIANT, STAINLESS STEEL INTERIOR
REF2	REFRIGERATOR (UFAS)	GE APPLIANCES	GWE19JGL	WHITE	ENERGY STAR QUALIFIED, ADA COMPLIANT, 18.6 CU. FT. COUNTER-DEPTH FRENCH DOOR REFRIGERATOR WITH
					BOTTOM FREEZER
RG2	DROP-IN RANGE (UFAS)	GE APPLIANCES	JD630DTWW	WHITE	ENERGY STAR QUALIFIED 30" DROP IN ELECTRIC RANGE,GLASS TOP, ELECTRIC OVEN WITH GLASS DOOR
RH1	RANGE HOOD	PER MECHANICAL	PER	WHITE	FRONT, ADA COMPLIANT 30" UNDERCABINET HOOD, REFER TO INTERIOR ELEVATIONS
			MECHANICAL		FOR UFAS COMPLIANT SWITCH AT UFAS UNITS.
	ATH TOILET ACCESSORIES	DDECICION EIT DATH	FOLDING TUD	NA/LUTE	
BTS	BATHTUB SEAT (UFAS)	PRECISION-FIT BATH	FOLDING TUB SEAT	WHITE	-
βB	GRAB BAR (UFAS)	BOBRICK	B-6806 SERIES	SATIN-FINISH STAINLESS STEEL	<b></b>
/IR1	MIRROR	-	40X36 POLISHED EDGES		MOUNT TO WALL WITH MASTIC AND ALUMINUM J-MOLD AT TOP AND BOTTOM.
MR2	MIRROR	-	48X36 POLISHED EDGES		MOUNT TO WALL WITH MASTIC AND ALUMINUM J-MOLD AT TOP AND BOTTOM.
MR3	MIRROR	-	36X36 POLISHED	SATIN NICKEL	MOUNT TO WALL WITH MASTIC AND ALUMINUM J-MOLD AT TOP
лR4	MIRROR	-	30X36 POLISHED	SATIN NICKEL	AND BOTTOM.  MOUNT TO WALL WITH MASTIC AND ALUMINUM J-MOLD AT TOP
	SHOWER CURTAIN ROD	BOBRICK	B-207	SATIN-FINISH STAINLESS	AND BOTTOM. HEAVY DUTY, COORDINATE EXACT LOCATION WITH OWNER
SCR				STEEL SATIN-FINISH STAINLESS	PRIOR TO INSTALLATION
	SHOWER GRAB BARS	BOBRICK	B-6806 SERIES		
SGB	SHOWER GRAB BARS	BOBRICK MOEN / METHOD	B-6806 SERIES	STEEL	
SGB TH	SHOWER GRAB BARS  TOWEL HOOK  TOILET PAPER DISPENSER	MOEN / METHOD	B-6806 SERIES  YB2403CH  YB2408CH		
GGB TH TPD1	TOWEL HOOK	MOEN / METHOD	YB2403CH	STEEL SATIN NICKEL	  
SCR SGB TH TPD1 TR JNIT EL	TOWEL HOOK TOILET PAPER DISPENSER	MOEN / METHOD MOEN / METHOD	YB2403CH YB2408CH	SATIN NICKEL SATIN NICKEL	  

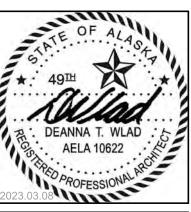
APPLIANCE GENERAL NOTES

- CONTRACTOR TO TEST RUN APPLIANCES AFTER INSTALLATION.
   WASHERS AND DRYERS TO BE OWNER FURNISHED, OWNER INSTALLED.

# MATERIAL LEGEND: GENERAL NOTES

- 1. CASEWORK DOOR / DRAWER PULL BASIS OF DESIGN: LIBERTY CABINET BAR PULL, SATIN NICKEL, ADA COMPLIANT.
- 2. MILLWORK PAINT AND TEXTURE:A. FIRST COAT: BENJAMIN MOORE ADVANCE WATER BORNE INTERIOR ALKYD PAINT PRIMER (790) OR EQUAL.
- B. SECOND COAT: PRODUCT AS SPECIFIED IN COLOR AND MATERIAL LEGEND.C. THIRD COAT: PRODUCT AS SPECIFIED IN COLOR AND MATERIAL LEGEND.
- 3. WALL / CEILING PAINT AND TEXTURE:
  - LIGHT ORANGE PEEL
- B. FIRST COAT: BENJAMIN MOORE ULTRA SPEC 500 (N34) INTERIOR PRIMER OR EQUAL.
- C. SECOND COAT: PRODUCT AS SPECIFIED IN COLOR AND MATERIAL LEGEND.
  D. THIRD COAT: PRODUCT AS SPECIFIED IN COLOR AND MATERIAL LEGEND.

MARK 1 - EXTE	MATERIAL RIOR	MANUFACTURER	STYLE / PRODUCT	color	SIZE	FINISH	NOTES
P1 P2	EXTERIOR PAINT EXTERIOR PAINT	SHERWIN WILLIAMS SHERWIN WILLIAMS	ALL SURFACE ENAMEL ALL SURFACE ENAMEL	MARCH WIND SW 7668 TAMARIND SW 7538		ENAMEL	COLOR TO MATCH MP1 COLOR TO MATCH PLP1
	EXTERIOR PAINT METAL PANEL	SHERWIN WILLIAMS MORIN	ALL SURFACE ENAMEL EXPOSED VB-31 PROFILE B	CAVIAR SW 6990 CHROMIUM GRAY	 20 GA		COLOR TO MATCH PLP2 COLOR MATCHED EXPOSED FASTENERS
	METAL PANEL	MORIN	CONCEALED F-12-0	BRITTLEBUSH SW 6684	20 GA		SOLID PANEL AT CANOPY FASCIA, PERFORA PANEL AT SOFFIT. COLOR MATCH EXPOSED FASTENERS.
P3	METAL PANEL	MORIN	METAL FLASHING	SPARTAN BRONZE / CHROMIUM GRAY	20 GA	FLUROPON PVDF - KYNAR 500	FIRST COLOR TO BE INSTALLED ADJACENT TO PLP LOCATIONS, SECOND COLOR TO BE INSTALLED ADJACENT TO MP1. EXPOSED FASTENERS ARE TO BE COLOR MATCHED
	PHENOLIC LAMINATE PANEL	FIBERRESIN INDUSTRIES	STONEWOOD SELECT EXTERIOR PANELS	HILLSGROVE HICKORY (8330-AA)	8 MM 12" PLANKS	CLASS A	COLOR MATCHED EXPOSED FASTENERS
LP2	PHENOLIC LAMINATE PANEL	FIBERRESIN INDUSTRIES	STONEWOOD STANDARD EXTERIOR PANELS	BLACK (6905-CB)	8MM	CLASS A	COLOR MATCHED EXPOSED FASTENERS
	PHENOLIC LAMINATE PANEL	FIBERRESIN INDUSTRIES	STONEWOOD STANDARD EXTERIOR PANELS WITH CUSTOM ART	BLACK (6905-CB) / (PER ARTIST)	8MM	CLASS A	COLOR MATCHED EXPOSED FASTENERS
P1	RESIN PANEL	3FORM	CHROMA XT	GOLDEN Y13	1/2" THICK	-	INSTALL WITH 6" STANDOFFS. REFER TO DE DRAWINGS
P2	RESIN PANEL	3FORM	CHROMA XT	JELLO R19	1/2" THICK		INSTALL WITH 6" STANDOFFS. REFER TO DE DRAWINGS
P3	RESIN PANEL	3FORM	CHROMA XT	CHARMER 014	1/2" THICK		INSTALL WITH 6" STANDOFFS. REFER TO DE DRAWINGS
2 - CEILI CT1	NGS ACOUSTICAL CEILING TILE	ARMSTRONG	DUNE, SQUARE LAY-IN	WHITE	24" X 48"		15/16" GRID
611	ACOUSTICAL CEILING TILE	ARMSTRUNG	DUNE, SQUARE LAY-IIN	VVIIIE	24		15/16 GRID
3 - WALL 1	.S PAINT (LEVEL1 ACCENT)	SHERWIN WILLIAMS	HARMONY INTERIOR LATEX PAINT / ALL SURFACE ENAMEL / HIGH PERFORMANCE EPOXY	CUT THE MUSTARD SW 6384		EG-SHEL ON WALLS / ENAMEL AT DOORS, FRAMES AND TRIM / EPOXY AT WALLS IN TOILET 100T.	REFER TO FINISH PLANS FOR ACCENT PAIN LOCATIONS.
2	PAINT (LEVEL 2 ACCENT)	SHERWIN WILLIAMS	HARMONY INTERIOR LATEX PAINT / ALL	HUSKY ORANGE SW 6636		EG-SHEL ON WALLS / ENAMEL	REFER TO FINISH PLANS FOR ACCENT PAIN
	PAINT (LEVEL 3 ACCENT)	SHERWIN WILLIAMS	SURFACE ENAMEL HARMONY INTERIOR LATEX PAINT / ALL	FORWARD FUCHIA SW 6842		AT DOORS, FRAMES AND TRIM EG-SHEL ON WALLS / ENAMEL	LOCATIONS.  REFER TO FINISH PLANS FOR ACCENT PAIN
	PAINT (GENERAL COMMON	SHERWIN WILLIAMS	SURFACE ENAMEL  HARMONY INTERIOR LATEX PAINT / ALL	SNOWBOUND SW 7004		AT DOORS, FRAMES AND TRIM EG-SHEL ON WALLS / ENAMEL	LOCATIONS.
	AREA PAINT) PAINT (NEUTRAL ACCENT)	SHERWIN WILLIAMS	SURFACE ENAMEL  HARMONY INTERIOR LATEX PAINT / ALL			AT DOORS, FRAMES AND TRIM	REFER TO FINISH PLANS FOR ACCENT PAIN
			SURFACE ENAMEL	SW 7019 GAUNTLET GRAY	-	AT DOORS, FRAMES AND TRIM AND RAILING	
	WALL PROTECTION	MOMENTUM	CUSTOM ARTWORK / GRAPHIC TBD	CROSSING DIGITAL WALL COVERING GROUND	0.040# THIOK		
	WALL PROTECTION WALL PROTECTION	INPRO INPRO	PALLADIUM RIGID SHEET PALLADIUM RIGID SHEET	SHIPROCK 0580	0.040" THICK 0.040" THICK		FULL HEIGHT 4' AFF. REFER TO FINISH PLANSAND INTERIOR ELEVATIONS FOR PAINT OR WALL COVERIN
/T1	WALL TILE	ARCHITECTURAL SURFACE	S METALLICA	WHITE LUX	2 3/8 X 8 7/16		ABOVE. STACKED VERTICAL INSTALLATION.
			- 111-111-111-111-111-111-111-111-111-1	J. 1. 1. 1. 2. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			
F-FLOC ONC1	SEALED CONCRETE						
PT1	CARPET TILE	MILLIKEN CARPET	TWEETER TWE256	HARVEST CHROMA	25CM X 1M (9.84" X 39.4")	-	STAGGERED INSTALLATION, REFER TO FINI PLAN FOR INSTALLATION PATTERN.
PT2	CARPET TILE	MILLIKEN CARPET	MID-RANGE MDR256-190	HARVEST BLEND	25CM X 1M (9.84" X 39.4")	-	STAGGERED INSTALLATION, REFER TO FINI PLAN FOR INSTALLATION PATTERN.
PT3	CARPET TILE	MILLIKEN CARPET	WOOFER WOF256-254	HARVEST DETAIL	25CM X 1M (9.84" X 39.4")	-	STAGGERED INSTALLATION, REFER TO FINI- PLAN FOR INSTALLATION PATTERN.
PT4	CARPET TILE	MILLIKEN CARPET	SUBWOOFER SUB254	HICKORY GREY	25CM X 1M (9.84" X 39.4")	-	STAGGERED INSTALLATION, REFER TO FINIPLAN FOR INSTALLATION PATTERN.
	RUBBER BASE RESILIENT FLOORING	TARKETT PATCRAFT	TRADITIONAL TOE  ITERATE I638V	BURNT UMBER 63 INTENTION 00700	9" X 36"		GLUE DOWN, STAGGERED INSTALLATION. N TRANSITION NEEDED BETWEEN RF2 AND
	RESILIENT FLOORING RUBBER STAIR TREAD/RISER	SHAW CONTRACT TARKETT	INNATE 4219V  COLOR SPLASH RUBBER TREAD / RISER -	MINERAL 95760 GORGE AREA	SHEETGOOD REFER TO PLANS	 HAMMERED	CARPET/WOM USE WITH RT1 AT STAIR LANDINGS
T1	RUBBER TILE	TARKETT	HNTRSP-VF5-XX  COLOR SPLASH RUBBER TILE - HRTSP-VF5	CORCE AREA	24" X 24"	HAMMERED	USE WITH RSTR1 AT STAIRS
	WALK OFF MAT	BENTLEY MILLS	ROUGH IDEA 8RN24	OUTLINE 800115	24" X 24"		ASHLAR
	ISITION FLOOR TRANSITION	TARKETT	JOHNSONITE SLIM LINE TRANSITIONS,	BURNT UMBER 63		T	USE BETWEEN COMMON AREA CARPET (CP
XI	TEOOK IIVANOITION	TANKETT	SLT-63-C	BONNY ONDER 03			CPT2 / CPT3 / CPT4) AND RESILIENT FLOORI RF2 OR RF3.
₹2	FLOOR TRANSITION	TARKETT	JOHNSONITE SLIM LINE TRANSITIONS, SLT-55-C	SILVER GREY 55			USE BETWEEN UNIT CARPET (CPT5) AND UN RESILIENT FLOORING (RF3)
7 - MISC			OTAINI EQQ OTEE!	1	40"   110   1   1   500	1	ALL CUTOIDE COEDNEDO
B1	CORNER GUARDS TACKBOARD WINDOW COVERING	FORBO MECHOSHADES	STAINLESS STEEL BULLETIN BOARD THERMOVEIL 1600 SERIES	MUSHROOM MEDLEY 2208 1603 BROOME (LIGHT GREY)	48" HIGH W/ 2" LEGS		ALL OUTSIDE COERNERS 3% OPEN. PROVIDE AT OFFICE 102, LOBBY 2
	WINDOW COVERNIC	WEOTIOGI W.DEG	THE TWO VERE 1000 CERTIES	TOOD BITCOME (EIGHT GIVET)			AND LOBBY 300L.
B - ELEV		LOTIO .		OATINI OTAINII EOO OTEE!			
	ELEVATOR CAB WALLS ELEVATOR CAB CEILING	OTIS OTIS	5WL PATTERNED STAINLESS STEEL	SATIN STAINLESS STEEL PAINTED WHITE			PROVIDE PROTECTIVE BLANKETS 4 LED FLUSH CEILING (FC-4)
C3	ELEVATOR CAB HANDRAILS	OTIS	-	SATIN STAINLESS STEEL	2"		FLAT HANDRAIL (DH-155)
C5	ELEVATOR CAB DOORS ELEVATOR CAB BUMPERS / BASE	OTIS OTIS	 	SATIN STAINLESS STEEL SATIN STAINLESS STEEL	6"		1 HOUR RATED FLAT BUMPERS / BASE ON 3 SIDES
) - UNIT: PT5	BROADLOOM CARPET	SHAW CONTRACT	STATEMENT CLASSICBAC 5A257	GALLERY 00512	ROLLGOOD	-	USE WITH PAD1
7	PAINT (UNIT)	SHERWIN WILLIAMS	HARMONY INTERIOR LATEX PAINT / ALL SURFACE ENAMEL	COLOR MATCH FULLER O'BRIEN (1W18 WHISPER WHITE)		EG-SHEL ON WALLS / ENAMEL AT DOORS, FRAMES AND TRIM	
L1	CARPET PAD PLASTIC LAMINATE COUNTERTOPS	 FORMICA	6LB REBOND HIGH PRESSURE LAMINATE	 NEO-CLOUD 6314		MATTE 58	USE WITH CPT5 DED ALT#1: REMOVE PLAM COUNTERTOPS
	RUBBER BASE	TARKETT	TRADITIONAL TOE	SILVER GREY 55	4" HIGH X 1/8" THICK		USE IN UNIT BATHROOMS ONLY.
F3	RESILIENT FLOORING SOLID SURFACE	SHAW CONTRACT LG HAUSYS	TERRAIN II 0453V HI-MACS	SUMAC 07004 GEYSER	6" X 48", 12 MIL		GLUE DOWN, STAGGERED INSTALLATION ADD ALT #1: REPLACE ALL COUNTERTOPS V
	COUNTERTOPS	SMART CABINETS	FREEPORT DOOR STYLE / MAPLE	SILVERGRASS STAIN ON MAPLE			SS1 
	WOOD CABINETS	0111, 11 11 0, 10 11 11 1					
/D1 /D2	WOOD BASE		MDF	PAINT P7	1" X 3"		BOD: METRIE M0666D
/D1 /D2 /D3				PAINT P7 PAINT P7 PAINT P7	1" X 3" 1" X 2" 1" X DEPTH AS REQ'D		BOD: METRIE M0666D  BOD: METRIE M0472O



CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

**Spark** design, llc

architecture • interiors • design-build 5401 cordova street, suite 301 anchorage, alaska 99518 p. 907.344.3424 f. 907.771.9776

MULTI-FAMILY HOUSING HOUSING AUTHORITY COOK INLET BREWSTERS

DESCRIPTION DATE

2023.03.08 REVIEWED DTW

SHEET NAME MATERIAL LEGEND, APPLIANCE AND TOILET ACCESSORY SCHEDULES

SHEET NO.

A5.03

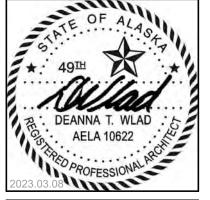
#### **ROOM FINISH SCHEDULE - LEVEL 0** WALLS CEILING BASE NORTH WALL EAST WALL SOUTH WALL WEST WALL **FINISH ROOM NAME FLOOR** COMMENTS / NOTES RM NUM LEVEL 0 100 RF1 / CPT4 ON RB1 REFER TO FINISH PLAN FOR WALL FINISH LOCATIONS. WP2 / WC1 P4 / P5 / WP2 P4 / P5 ACT1 100M MECHANICAL / ELECTRICAL CONC RB1 P4 P4 P4 P4 P4 100R CONC WP2 / P4 ON NORTH WALL, RUN WT1 TO FLOOR (NO RB1). TOILET RF1 RB1 WT1 P1 P1 P4 100V VESTIBULE WOM1 RB1 CPT4 ACT1 OFFICE RB1 P4 P4 P4 ELEVATOR EC2 RSRT1 / RT1 RB1 STAIR P4 P4 P4 P4 P1 STAIR RSRT1 / RT1 RB1 P1 P4 P4

\*REFER TO ENLARGED FINISH PLANS FOR UNIT FINISHES.

### **FINISH PLAN: GENERAL NOTES**

- 1. REFER TO A5.03 FOR MATERIAL, APPLIANCE AND TOILET ACCESSORIES.
- 2. PUBLIC AREAS: ALL WALLS AND CEILINGS TO RECEIVE P4 UNLESS OTHERWISE NOTED.
- 3. UNITS: ALL WALLS AND CEILINGS TO RECEIVE P7 UNLESS OTHERWISE NOTED.
- 4. REFER TO RCP FOR SOFFIT PAINT SELECTIONS.
- 5. THE FLOOR FINISH PATTERNS SHOWN ON THE FINISH PLANS MAY NOT BE DEPICTED UNDER WALL HUNG ITEMS, UNDER COUNTERTOPS WHERE FIXED BASE CABINETS ARE NOT PROVIDED, UNDER COUNTERTOPS WHERE APPLIANCES ARE LOCATED, ETC. ALL FLOORING SHALL EXTEND UNDER THESE ELEMENTS TO PROVIDE A CONTINUOUS FINISHED FLOOR. THE CONTRACTOR IS RESPONSIBLE FOR USING THESES PLANS IN CONJUNCTION WITH INTERIOR ELEVATIONS AND DETAILS TO DETERMINE THE EXTENT OF FLOOR FINISHES.
- 6. NO RUBBER BASE SEAM SHALL OCCUR WITHIN 12" OF A WALL CORNER.
- 7. ALL CHANGES IN FLOOR MATERIAL SHALL OCCUR AT THE CENTER LINE OF DOOR WHEN IN THE CLOSED POSITION, UNLESS OTHERWISE NOTED.
- 8. ALL ACCESS AND ELECTRICAL PANELS SHALL BE PAINTED TO MATCH ADJACENT PAINT

- 8. WHERE PAINT TERMINATES ON AN OUTSIDE CORNER, CONTRACTOR SHALL ENSURE CRISP PAINT TRANSITION.
- 9. ALL EXPOSED STEEL COMPONENTS SHALL BE PAINTED P5 (ENAMEL).
- 10. ALL ACCESS PANELS TO MATCH ADJACENT SURFACE PAINT COLOR.
- 11. ALL CEILING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH IBC CHAPTER 16 SEISMIC DESIGN REQUIREMENTS AND STANDARDS FOR THE APPROPRIATE ZONE.
- 12. ALL WALL AND CEILING FINISHES SHALL MEET THE REQUIREMENTS OF CHAPTER 8 AND TABLE 803.5 OF THE INTERNATIONAL BUILDING CODE THAT IS ADOPTED WITHIN THE MUNICIPALITY OF ANCHORAGE.



CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

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AUTHORITY

HOUSING

COOK INLET

design,llc

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SKA TI-FAMIL ANCHO TERS BREWST

REVISION SCHEDULE DESCRIPTION

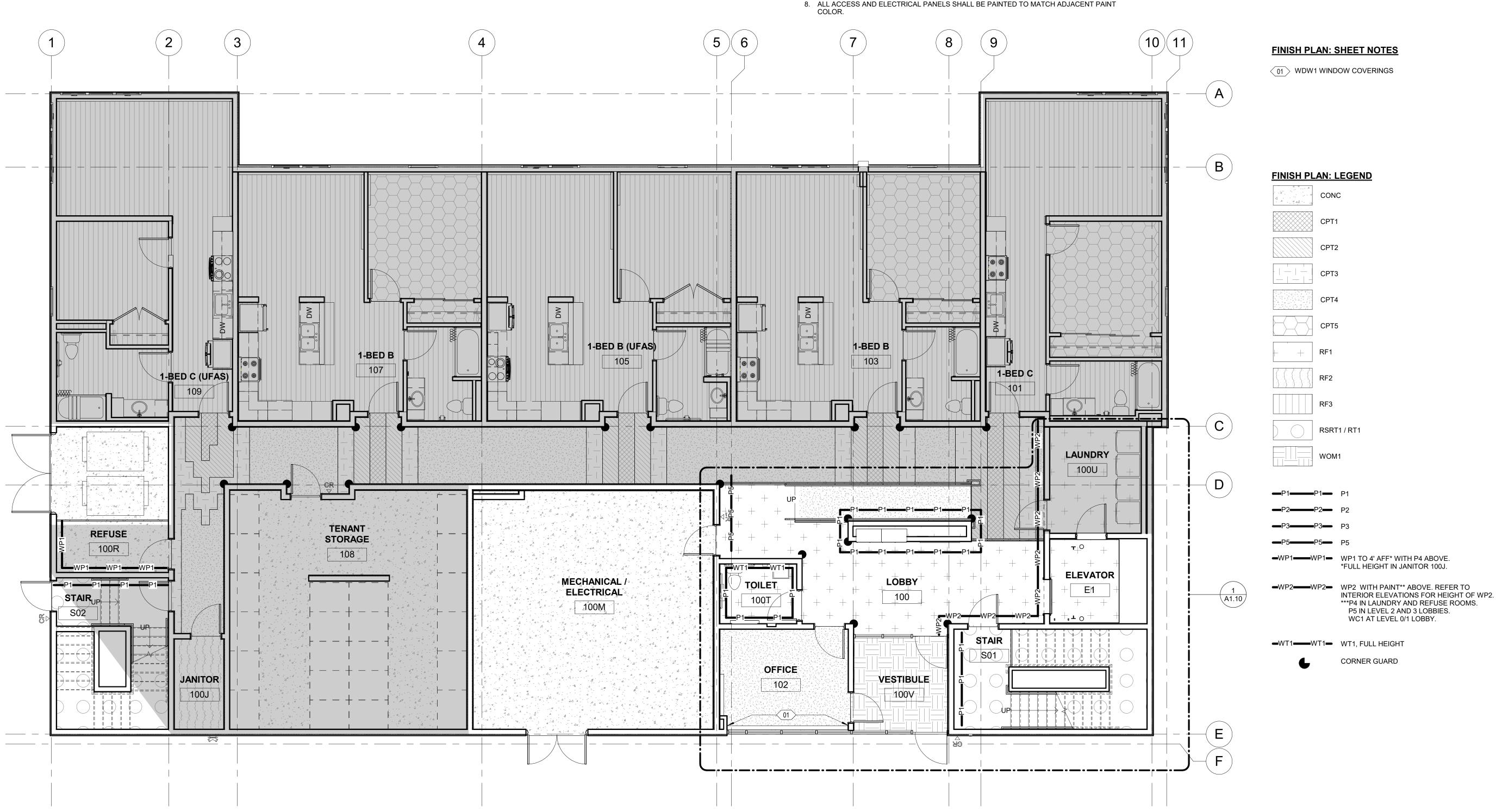
DATE 2023.03.08

DTW

REVIEWED SHEET NAME LEVEL 0 FINISH PLAN

SHEET NO.

A5.10 HALF SCALE WHEN PRINTED AT 11x17



\*REFER TO ENLARGED FINISH PLANS FOR UNIT FINISHES.

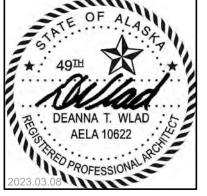
FINISH PLAN - LEVEL 1

3/16" = 1'-0"

# **FINISH PLAN: GENERAL NOTES**

- 1. REFER TO A5.03 FOR MATERIAL, APPLIANCE AND TOILET ACCESSORIES.
- 2. PUBLIC AREAS: ALL WALLS AND CEILINGS TO RECEIVE P4 UNLESS OTHERWISE NOTED.
- 3. UNITS: ALL WALLS AND CEILINGS TO RECEIVE P7 UNLESS OTHERWISE NOTED.
- 4. REFER TO RCP FOR SOFFIT PAINT SELECTIONS.
- 5. THE FLOOR FINISH PATTERNS SHOWN ON THE FINISH PLANS MAY NOT BE DEPICTED UNDER WALL HUNG ITEMS, UNDER COUNTERTOPS WHERE FIXED BASE CABINETS ARE NOT PROVIDED, UNDER COUNTERTOPS WHERE APPLIANCES ARE LOCATED, ETC. ALL FLOORING SHALL EXTEND UNDER THESE ELEMENTS TO PROVIDE A CONTINUOUS FINISHED FLOOR. THE CONTRACTOR IS RESPONSIBLE FOR USING THESES PLANS IN CONJUNCTION WITH INTERIOR ELEVATIONS AND DETAILS TO DETERMINE THE EXTENT OF FLOOR FINISHES.
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- 7. ALL CHANGES IN FLOOR MATERIAL SHALL OCCUR AT THE CENTER LINE OF DOOR WHEN IN THE CLOSED POSITION, UNLESS OTHERWISE NOTED.

- 8. WHERE PAINT TERMINATES ON AN OUTSIDE CORNER, CONTRACTOR SHALL ENSURE CRISP PAINT TRANSITION.
- 9. ALL EXPOSED STEEL COMPONENTS SHALL BE PAINTED P5 (ENAMEL).
- 10. ALL ACCESS PANELS TO MATCH ADJACENT SURFACE PAINT COLOR.
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CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

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AUTHORITY

HOUSING

COOK INLET

REVISION SCHEDULE DESCRIPTION

**BREWS** 

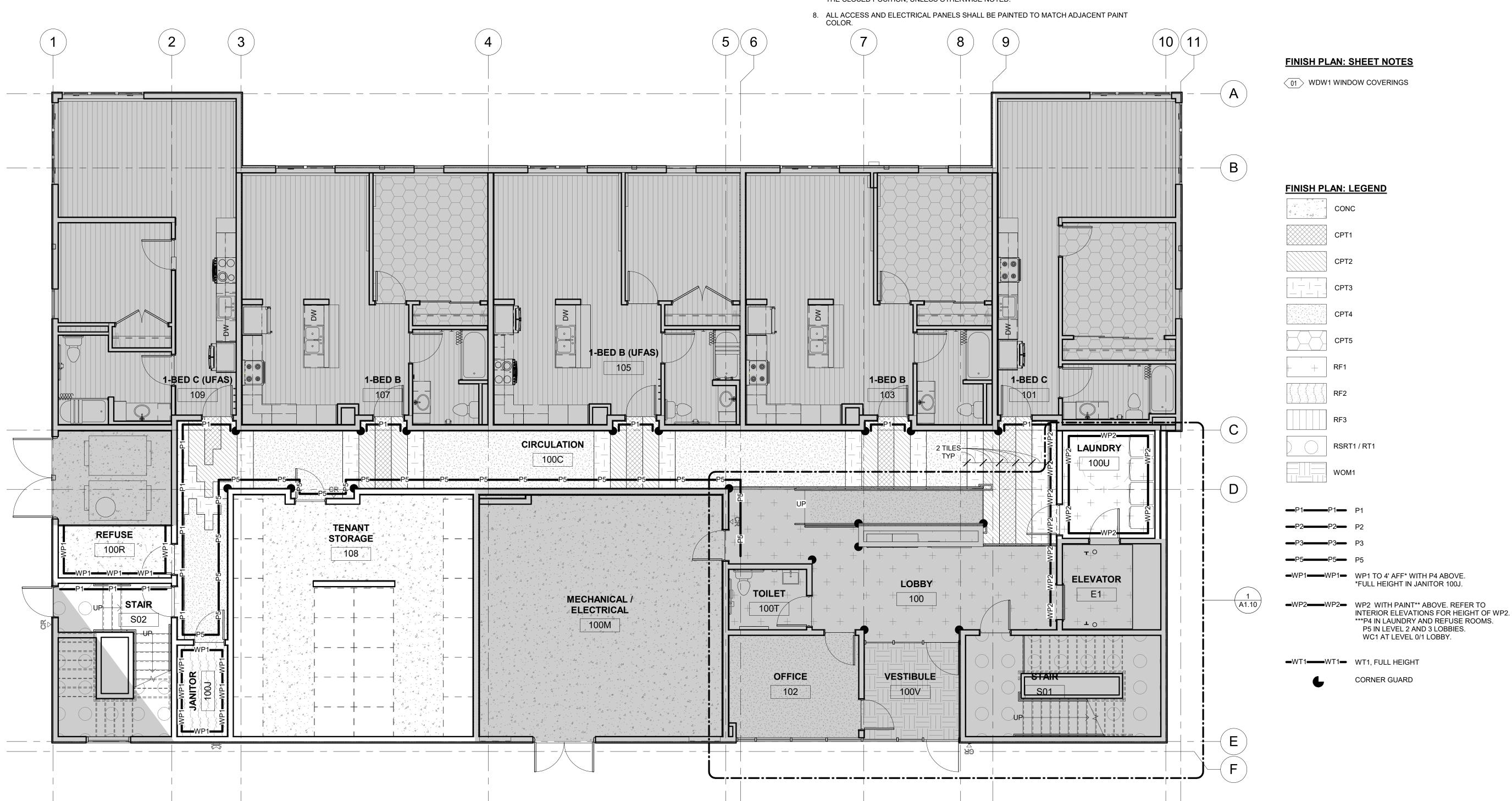
DATE

2023.03.08 REVIEWED

DTW

SHEET NAME LEVEL 1 FINISH PLAN

SHEET NO. A5.11



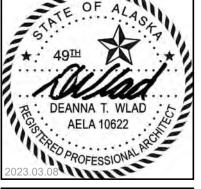
#### **ROOM FINISH SCHEDULE - LEVEL 2** NUM **ROOM NAME** BASE NORTH WALL EAST WALL SOUTH WALL WEST WALL **FINISH COMMENTS / NOTES FLOOR** LEVEL 2 CPT1 / CPT2 / 200C CIRCULATION ACT1 REFER TO FINISH PLAN FOR WALL FINISH LOCATIONS. P2 / P4 / P5 P2 / P5 CPT4 200E ELECTRICAL RB1 P4 P4 CPT1 / CPT2 / 200L LOBBY RB1 WP1 / P4 / P5 WP2 / P5 WP1 / P4 ACT1 REFER TO FINISH PLAN FOR WALL FINISH LOCATIONS. 200R REFUSE RB1 WP2 / P4 WP2 / P4 WP2 / P4 WP2 / P4 ACT1 RF2 200U LAUNDRY ACT1 STAIR RSRT1 / RT1 RB1 P2 P4 RSRT1 / RT1 RB1 P2 S02 STAIR P4 P4 P4

\*REFER TO ENLARGED FINISH PLANS FOR UNIT FINISHES.

### **FINISH PLAN: GENERAL NOTES**

- 1. REFER TO A5.03 FOR MATERIAL, APPLIANCE AND TOILET ACCESSORIES.
- 2. PUBLIC AREAS: ALL WALLS AND CEILINGS TO RECEIVE P4 UNLESS OTHERWISE NOTED.
- 3. UNITS: ALL WALLS AND CEILINGS TO RECEIVE P7 UNLESS OTHERWISE NOTED.
- 4. REFER TO RCP FOR SOFFIT PAINT SELECTIONS.
- 5. THE FLOOR FINISH PATTERNS SHOWN ON THE FINISH PLANS MAY NOT BE DEPICTED UNDER WALL HUNG ITEMS, UNDER COUNTERTOPS WHERE FIXED BASE CABINETS ARE NOT PROVIDED, UNDER COUNTERTOPS WHERE APPLIANCES ARE LOCATED, ETC. ALL FLOORING SHALL EXTEND UNDER THESE ELEMENTS TO PROVIDE A CONTINUOUS FINISHED FLOOR. THE CONTRACTOR IS RESPONSIBLE FOR USING THESES PLANS IN CONJUNCTION WITH INTERIOR ELEVATIONS AND DETAILS TO DETERMINE THE EXTENT OF FLOOR FINISHES.
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- 8. ALL ACCESS AND ELECTRICAL PANELS SHALL BE PAINTED TO MATCH ADJACENT PAINT COLOR.

- 8. WHERE PAINT TERMINATES ON AN OUTSIDE CORNER, CONTRACTOR SHALL ENSURE CRISP PAINT TRANSITION.
- 9. ALL EXPOSED STEEL COMPONENTS SHALL BE PAINTED P5 (ENAMEL).
- 10. ALL ACCESS PANELS TO MATCH ADJACENT SURFACE PAINT COLOR.
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**HOUSIN** SKA TI-FAMIL ANCHO TERS BREWST

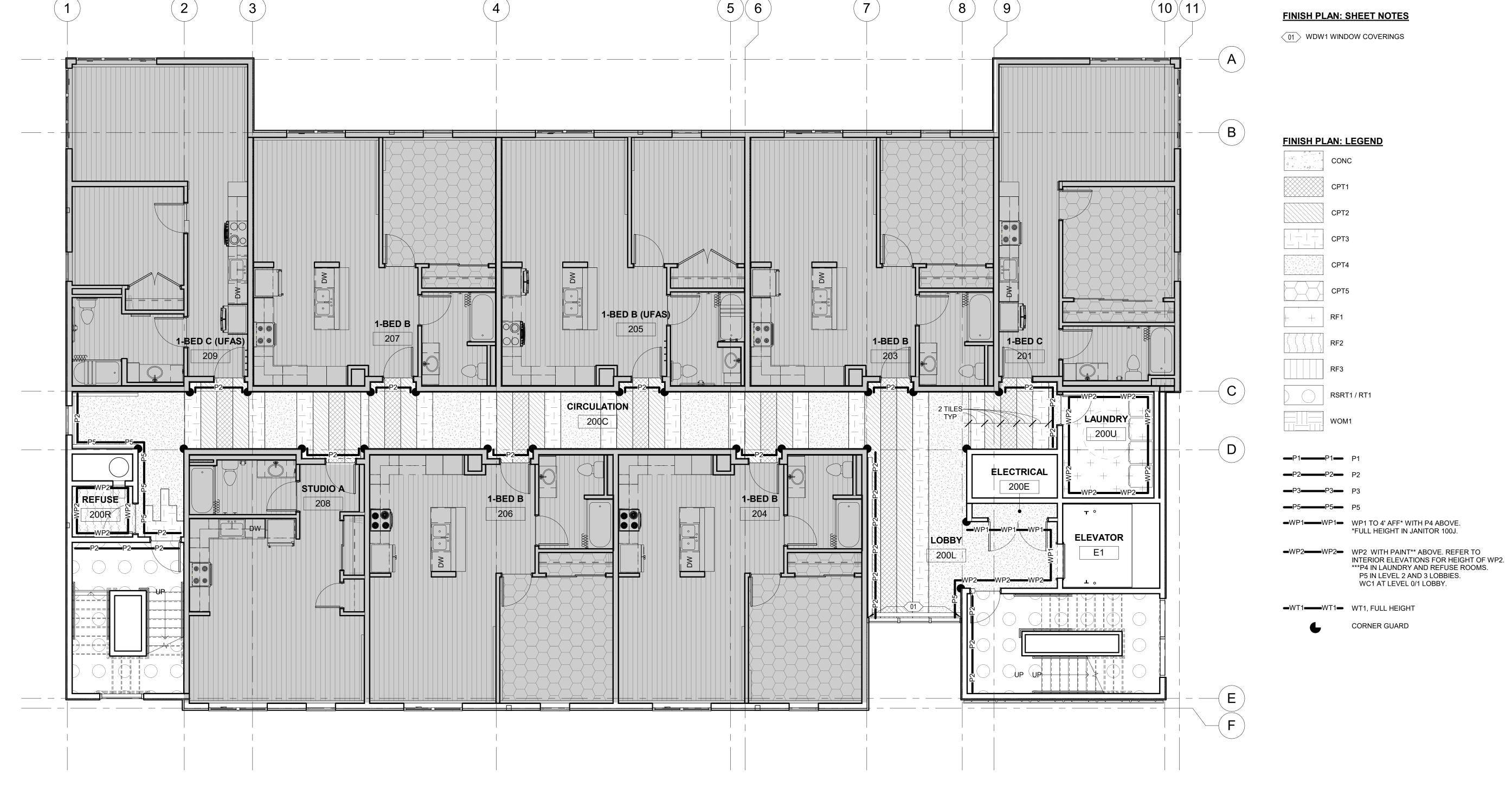
REVISION SCHEDULE

DESCRIPTION

DATE 2023.03.08 REVIEWED

SHEET NAME LEVEL 2 FINISH PLAN

SHEET NO. A5.12



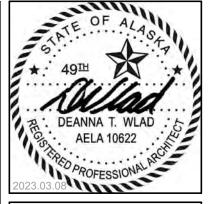
#### **ROOM FINISH SCHEDULE - LEVEL 3** CEILING FINISH **ROOM NAME** BASE NORTH WALL EAST WALL SOUTH WALL WEST WALL COMMENTS / NOTES NUM **FLOOR** LEVEL 3 300C CIRCULATION CPT1 / CPT2 / P3 / P4 / P5 P3 / P5 ACT1 REFER TO FINISH PLAN FOR WALL FINISH LOCATIONS. CPT3 / CPT4 300E ELECTRICAL CPT4 RB1 P4 CPT1 / CPT2 / 300L LOBBY REFER TO FINISH PLAN FOR WALL FINISH LOCATIONS. CPT3 / CPT4 ACT1 300R REFUSE RB1 WP2 / P4 WP2 / P4 WP2 / P4 WP2 / P4 300U LAUNDRY ROOF ACCESS WP1 FULL HEIGHT ON WALL BEHIND ROOF ACCESS LADDER. RT1 RB1 WP1 P4 P4 RSRT1 / RT1 RB1 P3 STAIR RSRT1 / RT1 RB1 P3 P4 P4 P4

\*REFER TO ENLARGED FINISH PLANS FOR UNIT FINISHES.

### **FINISH PLAN: GENERAL NOTES**

- 1. REFER TO A5.03 FOR MATERIAL, APPLIANCE AND TOILET ACCESSORIES.
- 2. PUBLIC AREAS: ALL WALLS AND CEILINGS TO RECEIVE P4 UNLESS OTHERWISE NOTED.
- 3. UNITS: ALL WALLS AND CEILINGS TO RECEIVE P7 UNLESS OTHERWISE NOTED.
- 4. REFER TO RCP FOR SOFFIT PAINT SELECTIONS.
- 5. THE FLOOR FINISH PATTERNS SHOWN ON THE FINISH PLANS MAY NOT BE DEPICTED UNDER WALL HUNG ITEMS, UNDER COUNTERTOPS WHERE FIXED BASE CABINETS ARE NOT PROVIDED, UNDER COUNTERTOPS WHERE APPLIANCES ARE LOCATED, ETC. ALL FLOORING SHALL EXTEND UNDER THESE ELEMENTS TO PROVIDE A CONTINUOUS FINISHED FLOOR. THE CONTRACTOR IS RESPONSIBLE FOR USING THESES PLANS IN CONJUNCTION WITH INTERIOR ELEVATIONS AND DETAILS TO DETERMINE THE EXTENT OF FLOOR FINISHES.
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- 8. ALL ACCESS AND ELECTRICAL PANELS SHALL BE PAINTED TO MATCH ADJACENT PAINT

- 8. WHERE PAINT TERMINATES ON AN OUTSIDE CORNER, CONTRACTOR SHALL ENSURE CRISP PAINT TRANSITION.
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CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

design,llc

ba

AUTHORITY

HOUSING

COOK INLET

**HOUSIN** SKA TI-FAMIL ANCHO TERS BREWST

REVISION SCHEDULE

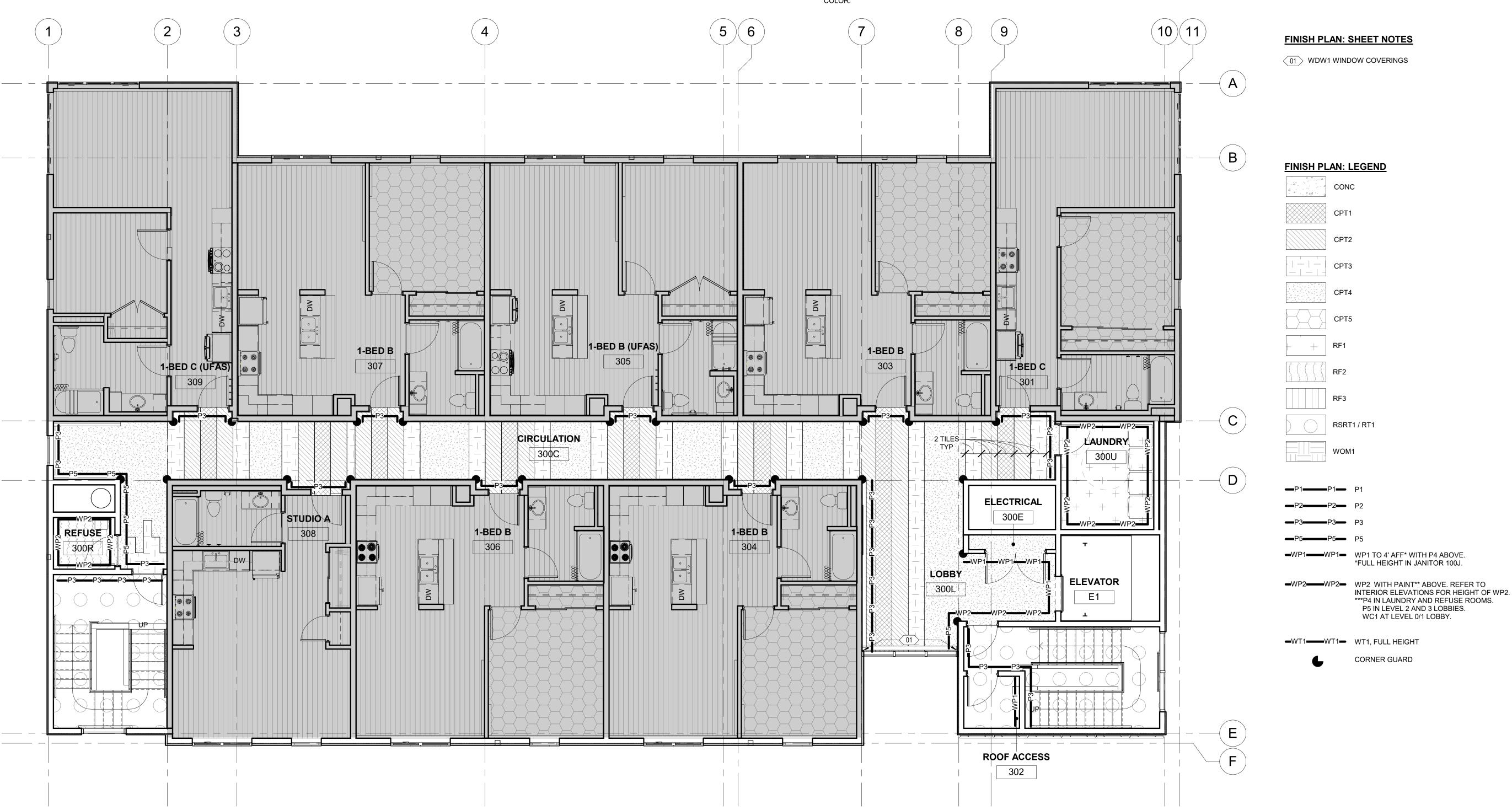
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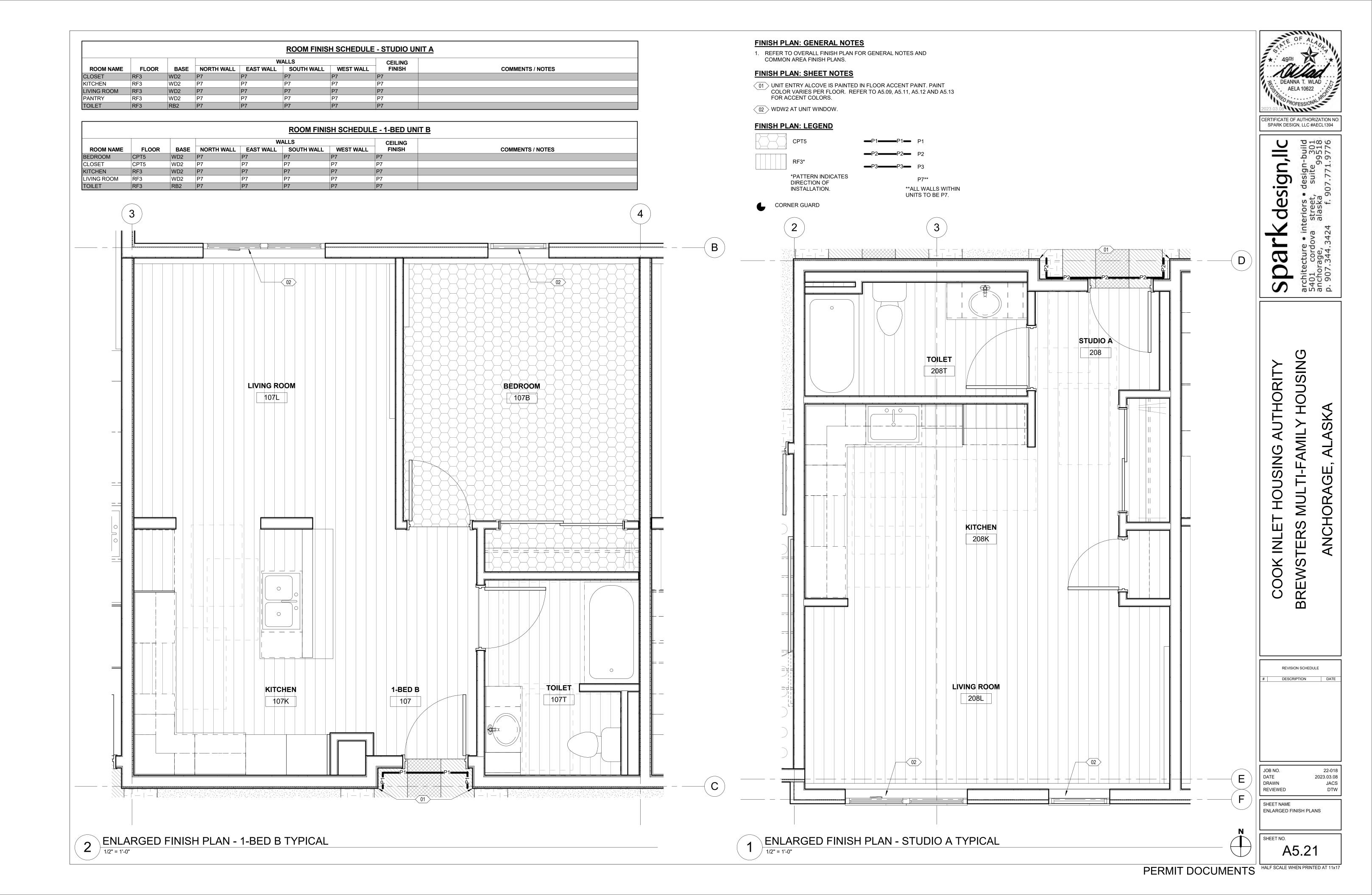
2023.03.08

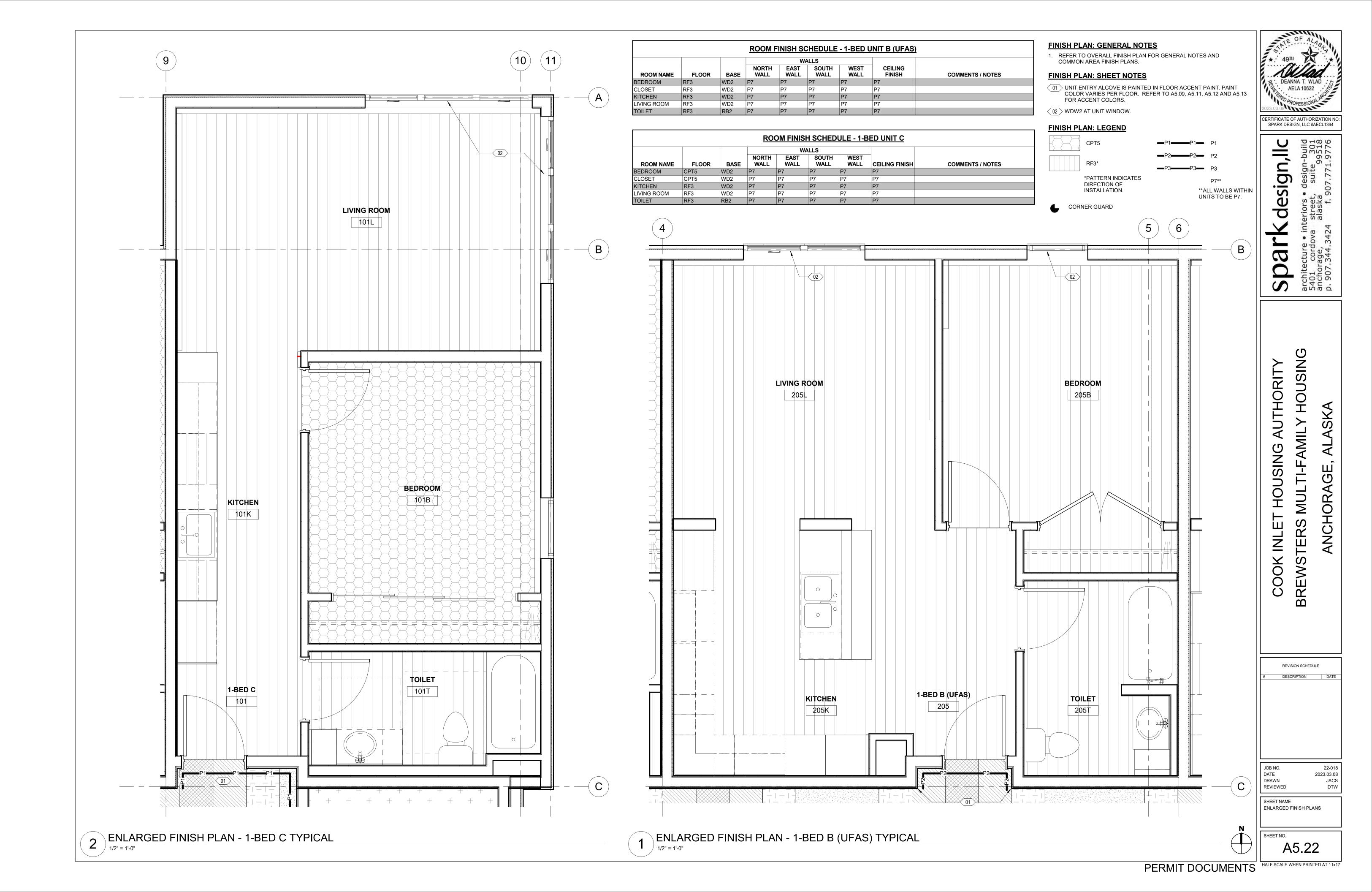
REVIEWED SHEET NAME LEVEL 3 FINISH PLAN

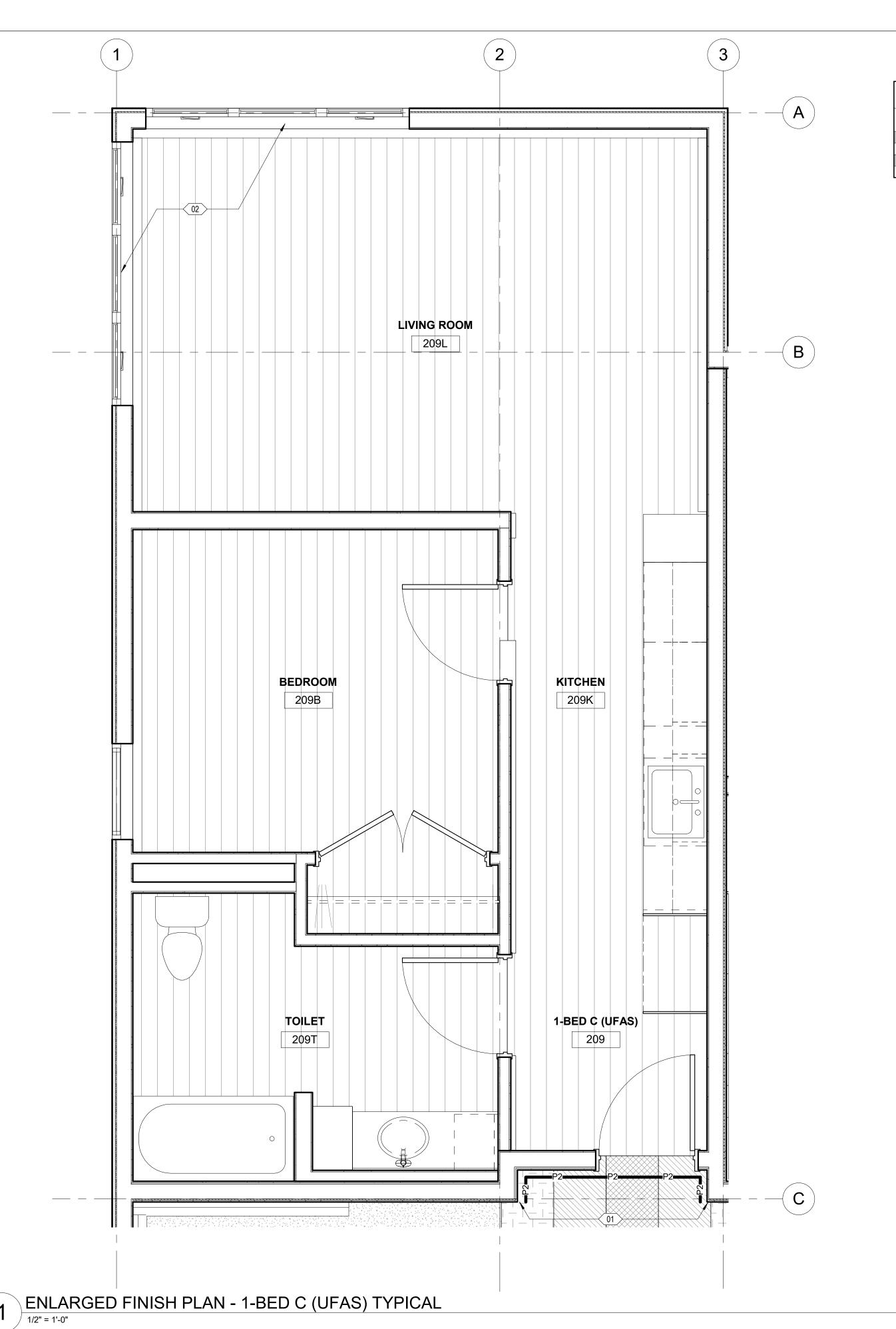
SHEET NO.

A5.13









	ROOM FINISH SCHEDULE - 1-BED UNIT C (UFAS)										
	WALLS										
ROOM NAME	FLOOR	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	FINISH	COMMENTS / NOTES			
BEDROOM	RF3	WD2	P7	P7	P7	P7	P7				
KITCHEN	RF3	WD2	P7	P7	P7	P7	P7				
LIVING ROOM	RF3	WD2	P7	P7	P7	P7	P7				
TOILET	RF3	RB2	P7	P7	P7	P7	P7				

# **FINISH PLAN: GENERAL NOTES**

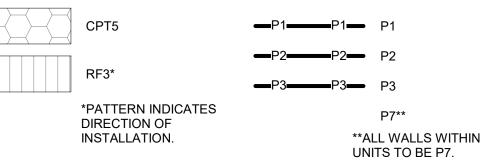
REFER TO OVERALL FINISH PLAN FOR GENERAL NOTES AND COMMON AREA FINISH PLANS.

# **FINISH PLAN: SHEET NOTES**

01 UNIT ENTRY ALCOVE IS PAINTED IN FLOOR ACCENT PAINT. PAINT COLOR VARIES PER FLOOR. REFER TO A5.09, A5.11, A5.12 AND A5.13 FOR ACCENT COLORS.

(02) WDW2 AT UNIT WINDOW.

### **FINISH PLAN: LEGEND**



CORNER GUARD

CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

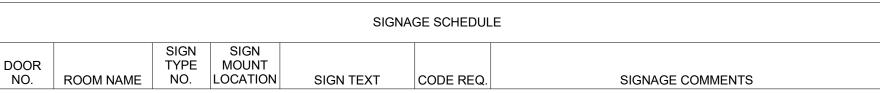
design,llc

TI-FAMILY HOUSING **HOUSING AUTHORITY** ANCHORAGE BREWSTERS MUL **COOK INLET** 

DESCRIPTION

22-018 2023.03.08 JACS DTW DATE DRAWN REVIEWED

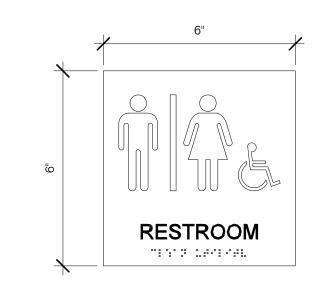
SHEET NAME ENLARGED FINISH PLANS



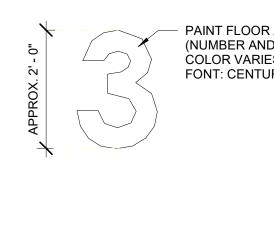
100Ma AND 100Mb	MECHANICAL / ELECTRICAL	В	2	DOOR 100Ma: MECHANICAL & ELECTRICAL	X	SIGN ON DOOR 100Mb: EXTERIOR SIGN; ADJUST MATERIALS FOR EXTERIOR CONDITIONS AS NEEDED. ARCHITECT TO APPROVE BEFORE MANUFACTURING.
	DOOR 100Mb: SPRINKLER RISER					
100Ra	REFUSE	Α	1	REFUSE	Х	
100T	TOILET	С	1	PER TYPE	X	
100Va	VESTIBULE	Н	1	PER TYPE		MOUNT ON GLASS STOREFRONT ADJACENT TO DOOR.
102a AND 102b	OFFICE	A	1	OFFICE		
EA1	ELEVATOR	В	2	ELEVATOR ACCESS		
	EXTERIOR	L	3	PER TYPE	Х	EXTERIOR SIGN. ADJUST MATERIALS FOR EXTERIOR CONDITIONS AS NEEDED. ARCHITECT TO APPROVE BEFORE MANUFACTURING. MOUNT AS SHOWN ON EXTERIOR ELEVATION.
S01a	STAIR	F&G	1	STAIR 1 ROOF ACCESS		SIGN TYPE F TO BE PLACED ON CORRIDOR SIDE OF DOOR. SIGN TYPE G TO BE PLACED ON STAIR SIDE OF DOOR.
S02b	STAIR F&G 1 STAIR 2		Х	SIGN TYPE F TO BE PLACED ON CORRIDOR SIDE OF DOOR. SIGN TYPE G TO BE PLACED ON STAIR SIDE OF DOOR.		
LEVEL 1						
100J	JANITOR	Α	1	JANITOR	Χ	
100U	LAUNDRY	Α	1	LAUNDRY		
108	TENANT STORAGE			TENANT STORAGE		
LEVEL 2			'			
200E	ELECTRICAL	Α	1	ELECTRICAL	Χ	
200R	REFUSE	Α	1	REFUSE	Х	
200U	LAUNDRY	Α	1	LAUNDRY		
S01b	STAIR	F&G	1	STAIR 1 ROOF ACCESS	X	SIGN TYPE F TO BE PLACED ON CORRIDOR SIDE OF DOOR. SIGN TYPE G TO BE PLACED ON STAIR SIDE OF DOOR.
S02c	STAIR	F&G	1	STAIR 2	X	SIGN TYPE F TO BE PLACED ON CORRIDOR SIDE OF DOOR. SIGN TYPE G TO BE PLACED ON STAIR SIDE OF DOOR.
LEVEL 3	•		'	·	-	
300E	ELECTRICAL	Α	1	ELECTRICAL	Х	
300R	REFUSE	Α	1	REFUSE	Х	
300U	LAUNDRY	Α	1	LAUNDRY		
302S	ROOF ACCESS	2	1	ROOF ACCESS	Х	
S01c	STAIR	F&G	1	STAIR 1 ROOF ACCESS	X	SIGN TYPE F TO BE PLACED ON CORRIDOR SIDE OF DOOR. SIGN TYPE G TO BE PLACED ON STAIR SIDE OF DOOR.
S02d	STAIR	F&G	1	STAIR 2	Х	SIGN TYPE F TO BE PLACED ON CORRIDOR SIDE OF DOOR. SIGN TYPE G TO BE PLACED ON STAIR SIDE OF DOOR.

			l	JNIT SIGNAGE SC	HEDULE
UNIT NUMBER	UNIT NAME	SIGN TYPE NO.	SIGN MOUNT LOCATION	SIGN TEXT	SIGNAGE COMMENTS
LEVEL 1					
101	1-BED C	Е	1	101	
103	1-BED B	E	1	103	
105	1-BED B (UFAS)	E	1	105	
107	1-BED B	E	1	107	
109	1-BED C (UFAS)	E	1	109	
LEVEL 2					
201	1-BED C	E	1	201	
203	1-BED B	E	1	203	
204	1-BED B	E	1	204	
205	1-BED B (UFAS)	E	1	205	
206	1-BED B	Е	1	206	
207	1-BED B	Е	1	207	
208	STUDIO A	E	1	208	
209	1-BED C (UFAS)	Е	1	209	
LEVEL 3					
301	1-BED C	Е	1	301	
303	1-BED B	Е	1	303	
304	1-BED B	Е	1	304	
305	1-BED B (UFAS)	E	1	305	
306	1-BED B	Е	1	306	
307	1-BED B	Е	1	307	
308	STUDIO A	E	1	308	
309	1-BED C (UFAS)	E	1	309	

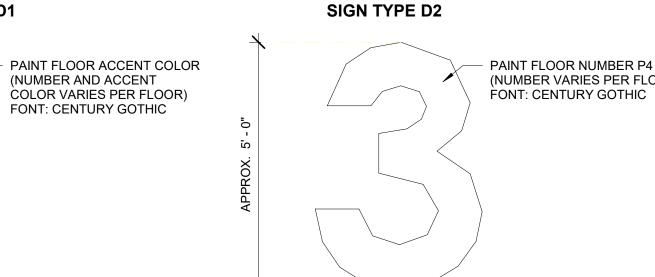
# SIGN TYPE A SIGN TYPE B **ELEVATOR JANITOR** ACCESS ..... SIGN TYPE E SIGN TYPE F BLACK PRINTED TEXT

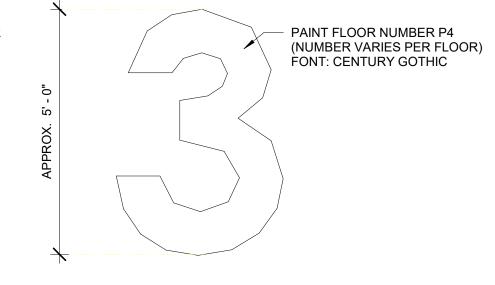


SIGN TYPE C

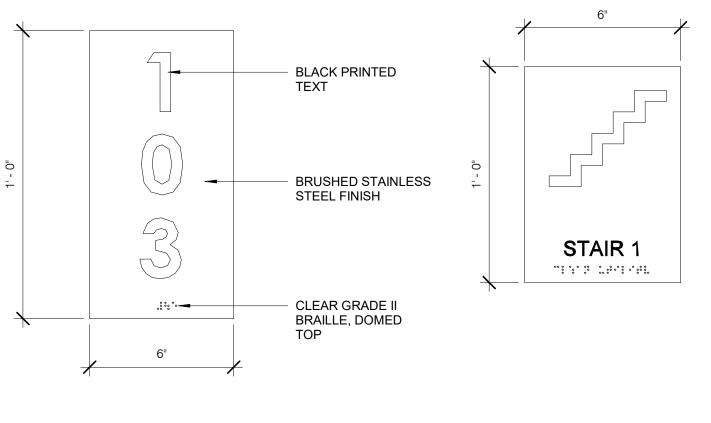


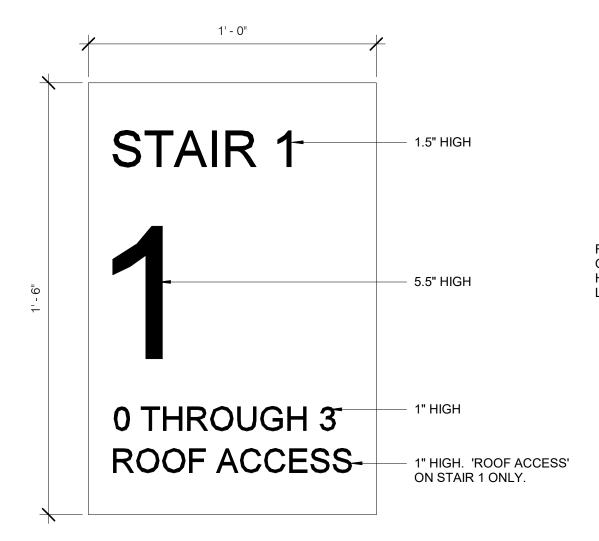
SIGN TYPE D1

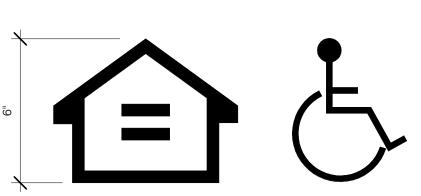




SIGN TYPE G **SIGN TYPE H** 







FHA LOGO AND ADA LOGO. VINYL GRAPHICS APPLIED TO INSIDE FACE OF EXTERIOR VESTIBULE DOORS. SCALE LOGOS TO BE APPROX. 6" IN HEIGHT. VINYL TO BE 3M DUSTED CRYSTAL OR SIMILAR. COORDINATE LOCATION WITH CIHA AND ARCHITECT PRIOR TO INSTALLATION.

CONNECTION

SIGN TYPE L SIGN TYPE J SIGN TYPE K AS REQUIRED BY LOCAL AHJ DIMENSIONAL LETTERS 0000 "BREWSTER'S" SIGN TO **DIMENSIONAL NUMBERS** BE REPAIRED AND MATERIAL: ANODIZED ALUMINUM FONT: ADA FUTURA REINSTALLED.

BASIS OF DESIGN: 24".

SIZE TO BE FINALIZED WITH OWNER/ARCHITECT PRIOR TO FABRICATION ONCE ADDRESS

MOUNTING: STUDS WITH STAND-OFFS

LOCATIONS HAVE BEEN

DETERMINED BY MOA.

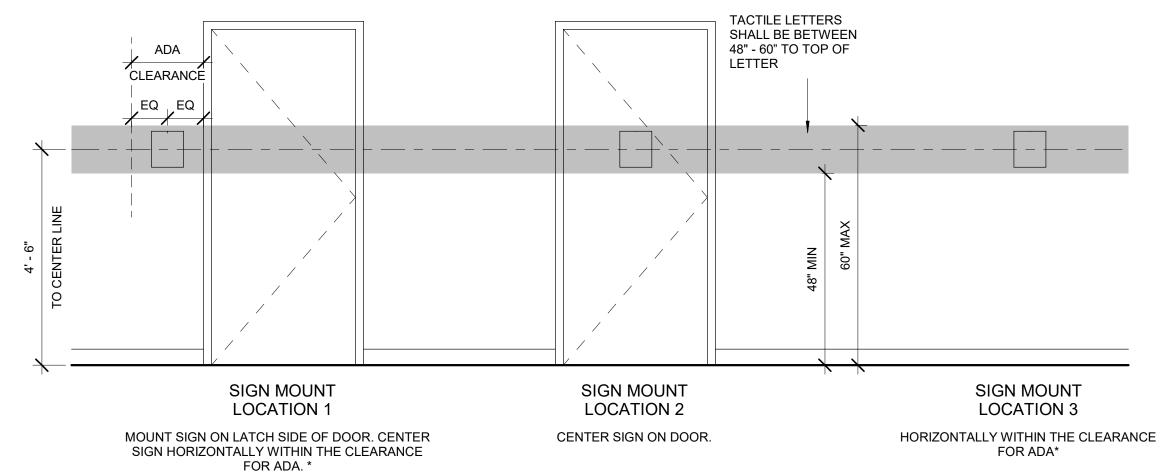


- 1. ALL SIGNS SHALL COMPLY WITH ADA, ANSI 117.1-2009 AND LOCAL BUILDING CODES.
- 2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND MOUNTING CONDITIONS IN THE FIELD. 3. INSTALL SIGN ON LATCH SIDE OF DOOR UNLESS OTHERWISE NOTED.
- 4. SIGN TYPE A, B, C, AND F BASIS OF DESIGN:

K. BRAILLE: CLEAR GRADE II BRAILLE, DOMED TOP

- A. INPRO SIGNSCAPE ARCHITECTURAL CUSTOM SIGNAGE B. MATERIAL: PHOTOPOLYMER PETG
- C. MOUNTING: VHB TAPE
- D. FONT: ADA FUTURA E. FONT SIZE: 5/8"
- F. FONT THICKNESS: 1/32" PERMANENTLY APPLIED TO SIGN FACE
- G. HORIZONTAL ALIGNMENT: PER TYPE H. VERTICAL ALIGNMENT: PER TYPE
- I. FACE COLOR: SHIPROCK 0280 J. FONT COLOR: RED 113
- L. PICTOGRAM AT TYPE C: 4" HIGH IN 6" FIELD, 1/32 THICK PERMANENTLY APPLIED TO SIGN 5. SIGN TYPE G BASIS OF DESIGN:
- A. INPRO SIGNSCAPE ARCHITECTURAL CUSTOM SIGNAGE, DIGITAL PRINT B. MATERIAL: PHOTOPOLYMER PETG
- C. MOUNTING: VHB TAPE D. FONT: ADA FUTURA
- E. FONT SIZE: 1", 1.5" AND 5.5" AS SHOWN ON SIGN TYPE F. HORIZONTAL ALIGNMENT: PER TYPE
- G. VERTICAL ALIGNMENT: PER TYPE
- H. FACE COLOR: SHIPROCK 0280 I. FONT COLOR: RED 113

# SIGN MOUNTING LOCATION LEGEND



CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

design,llc

Spa ALASKA

MULTI-FAMILY HOUSING **HOUSING AUTHORITY** ANCHORAGE, COOK INLET S TER S E BR

REVISION SCHEDULE DESCRIPTION

DATE 2023.03.08 JACS

DTW

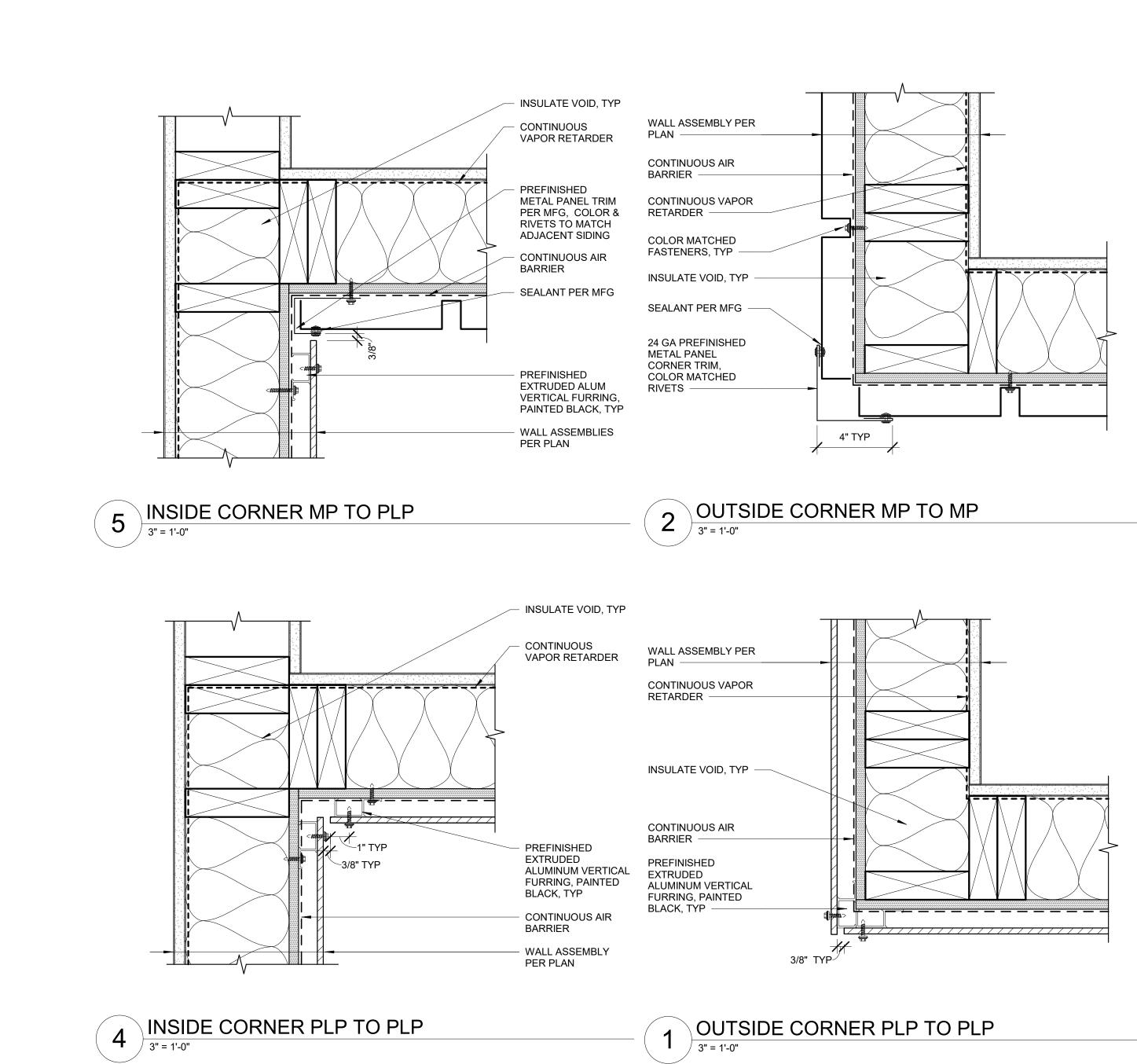
REVIEWED SHEET NAME

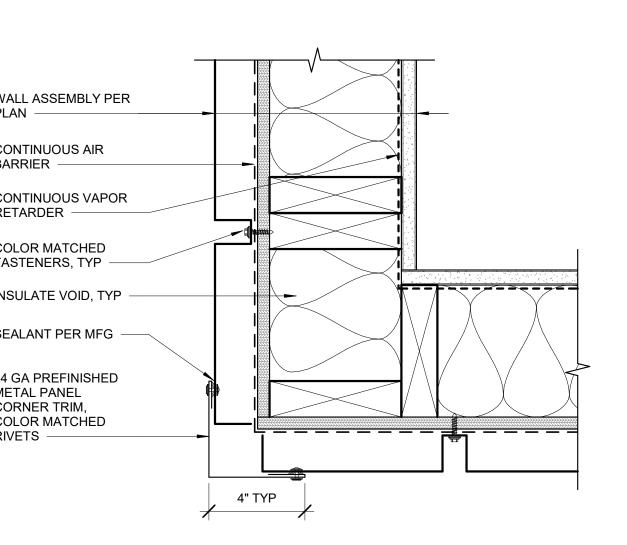
SIGNAGE

SHEET NO. A5.50

WHITE BACKGROUND

WITH RED LETTERING





TI-FAMILY HOUSING AUTHORITY ALASKA HOUSING ANCHORAGE BREWSTERS MUL COOK INLET I

spark

CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394 teriors • design-build street, suite 301 alaska f. 907.771.9776 design,llc

JOB NO. DATE DRAWN REVIEWED DTW SHEET NAME EXTERIOR DETAILS - PLAN VIEW

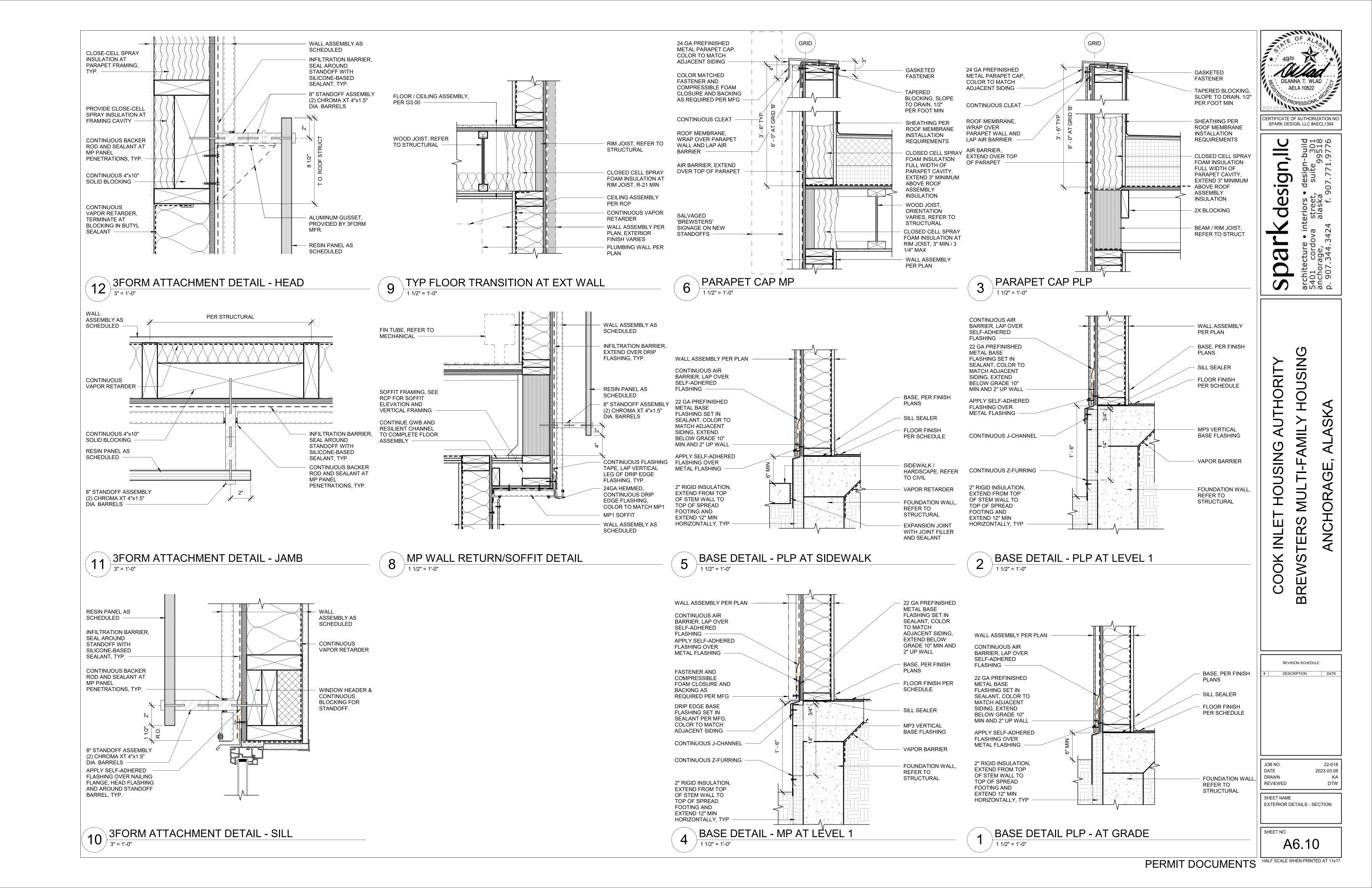
22-018 2023.03.08

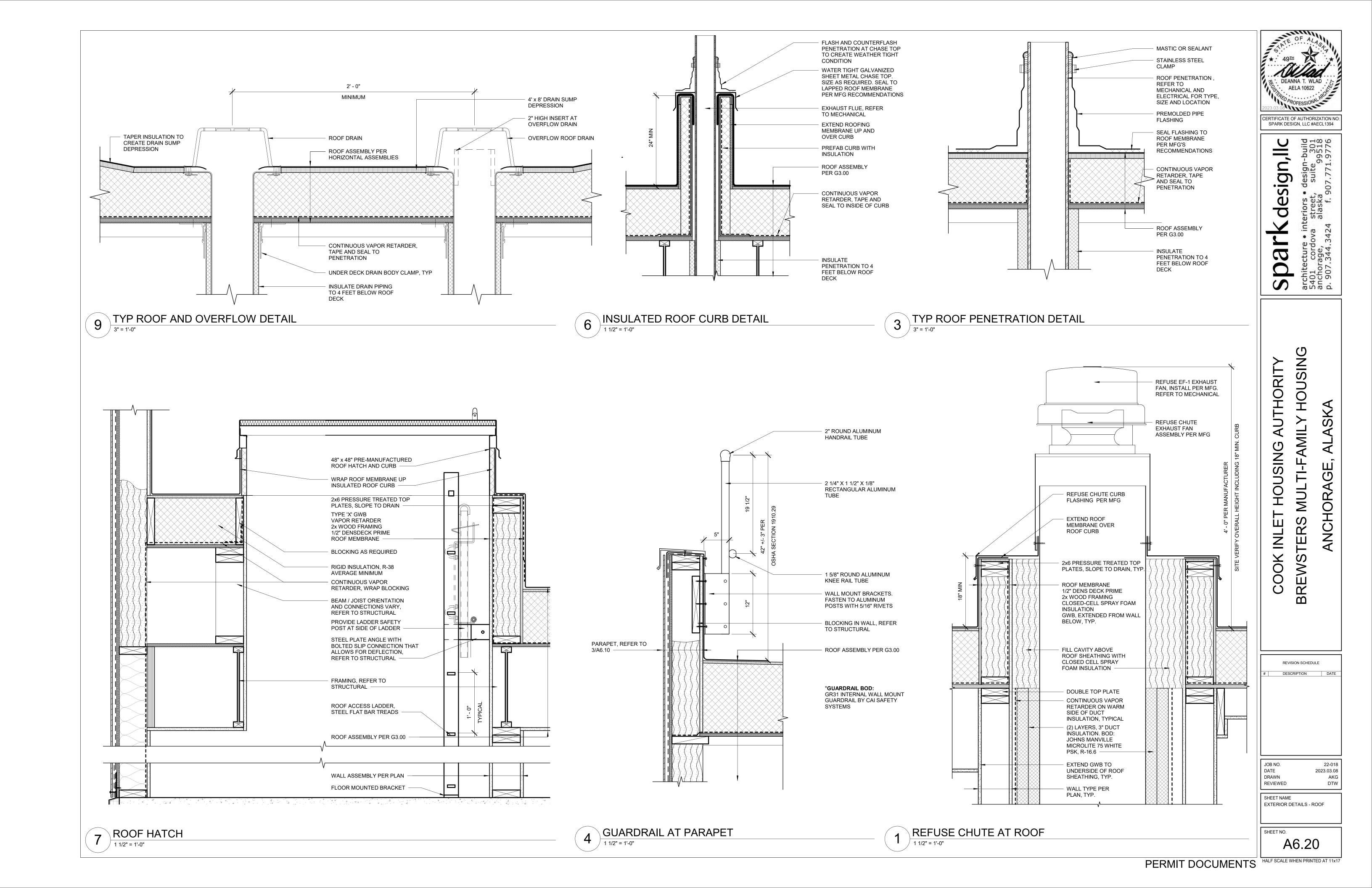
REVISION SCHEDULE

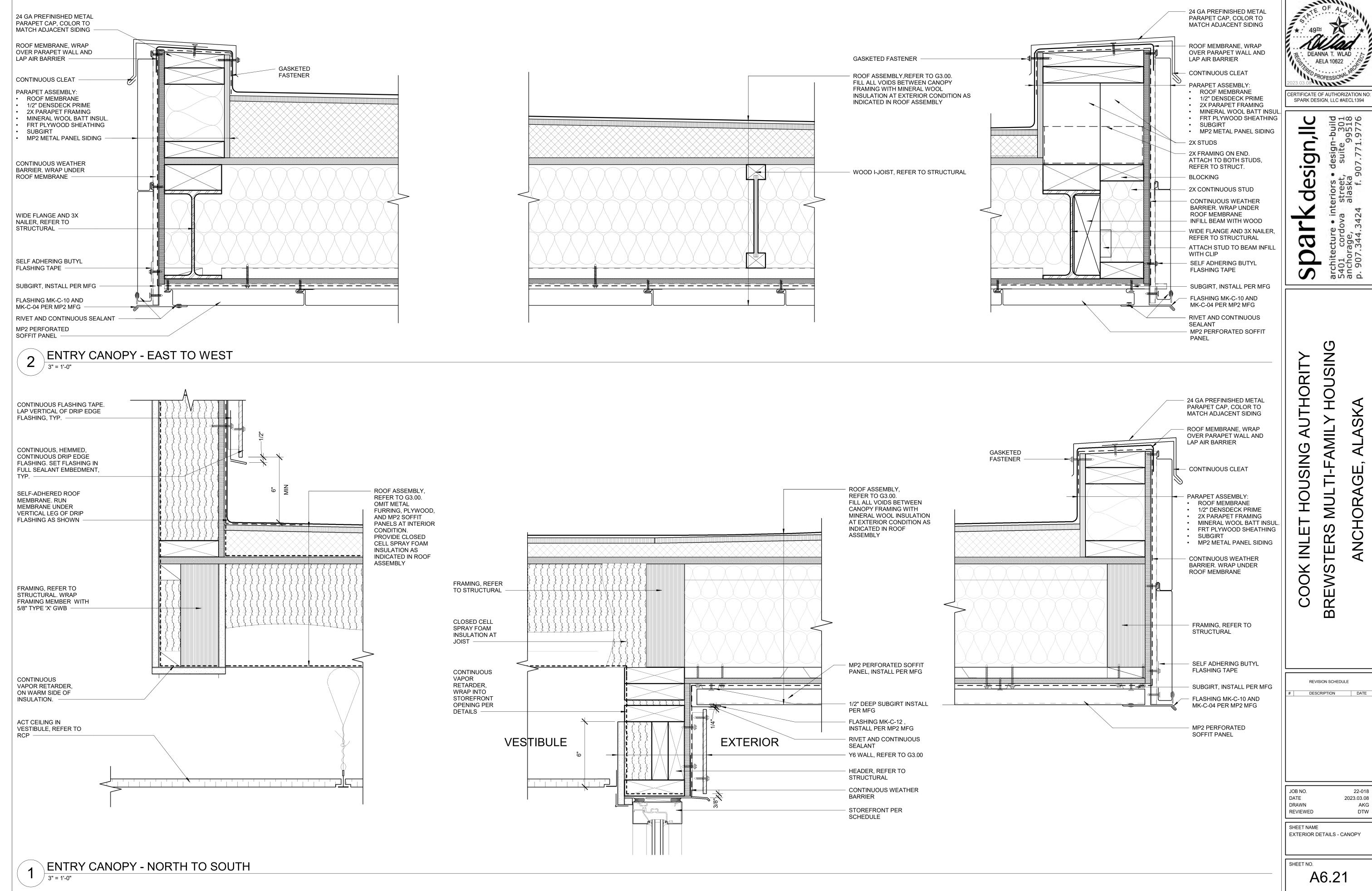
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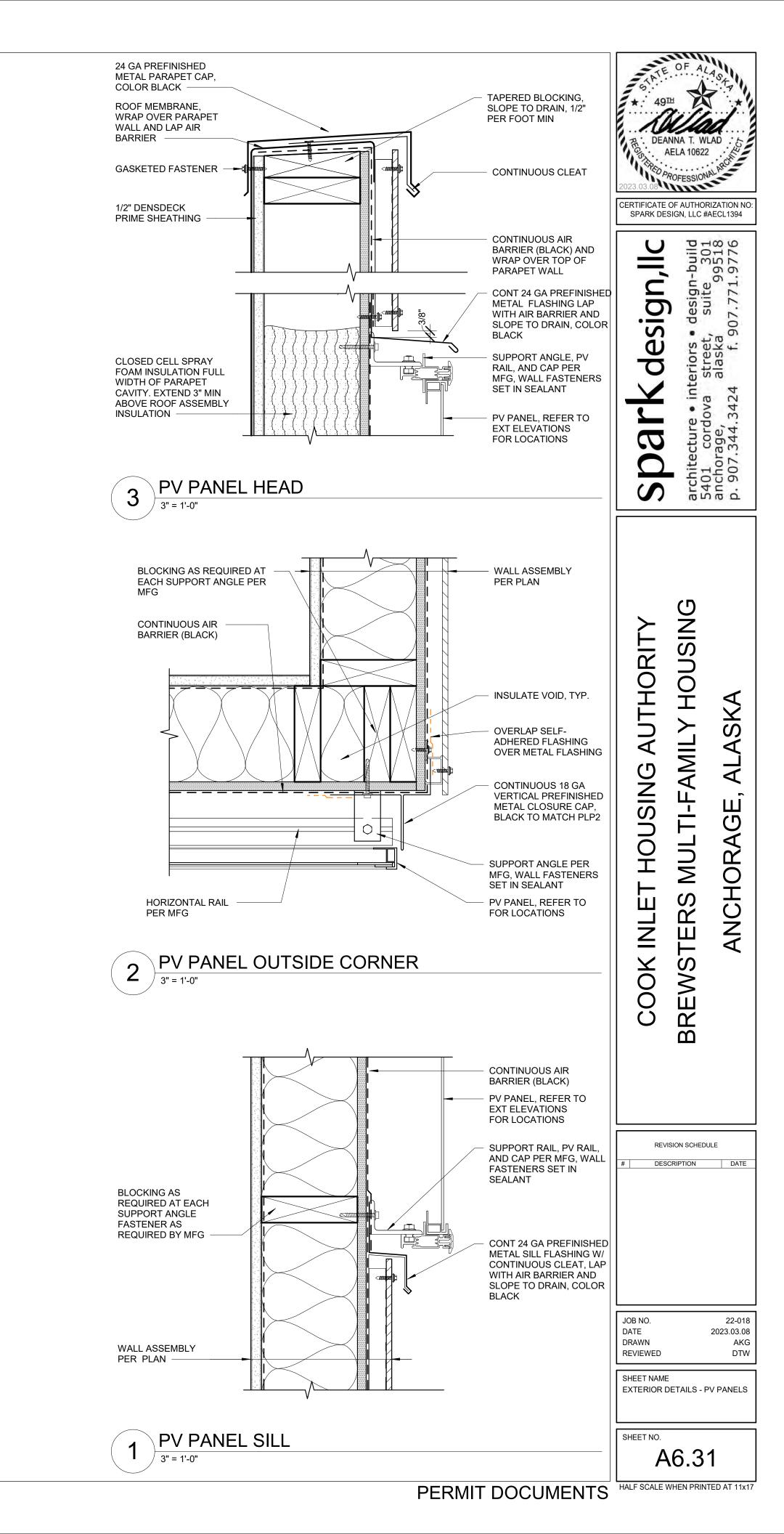
A6.00 HALF SCALE WHEN PRINTED AT 11x17

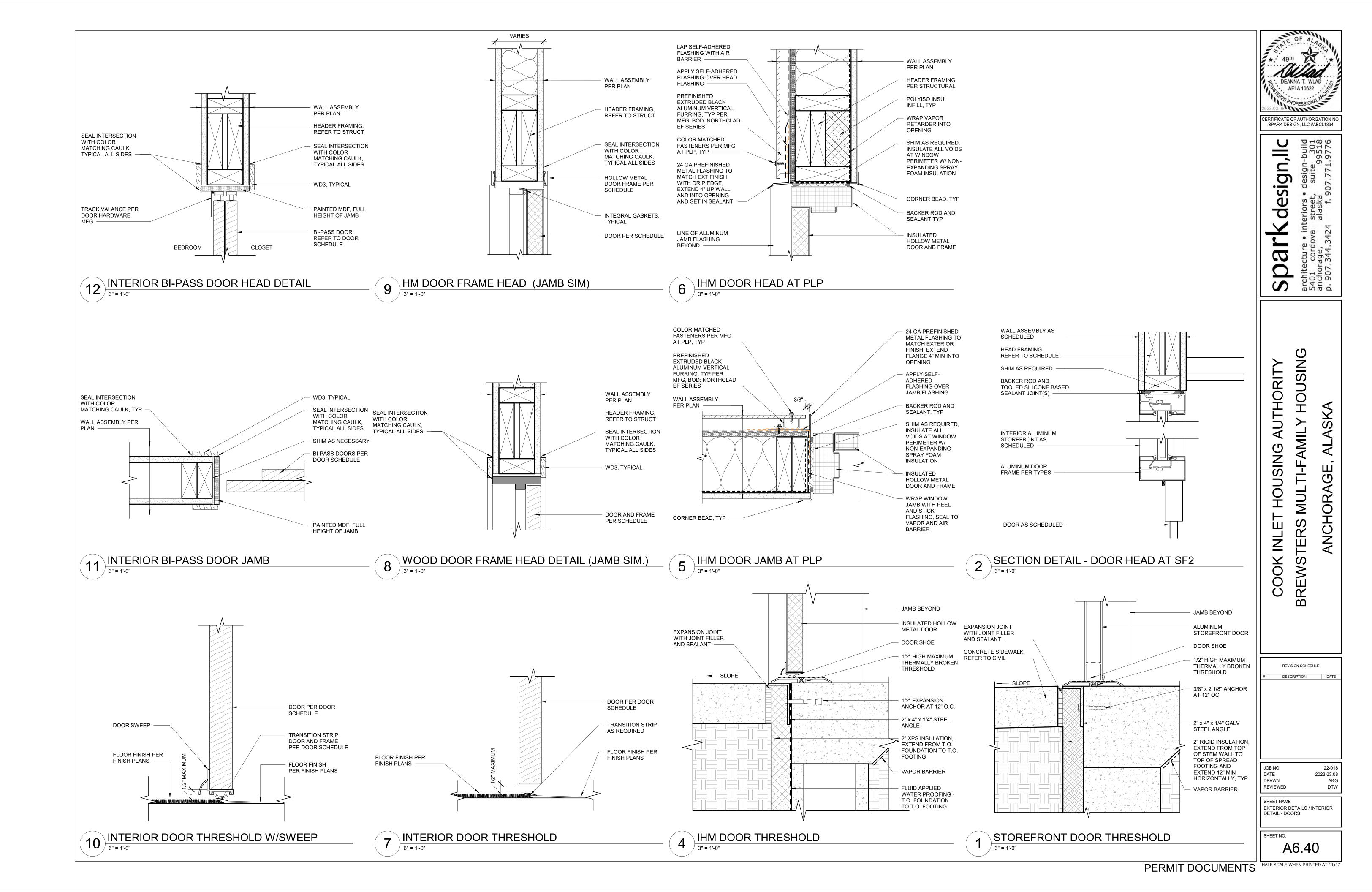
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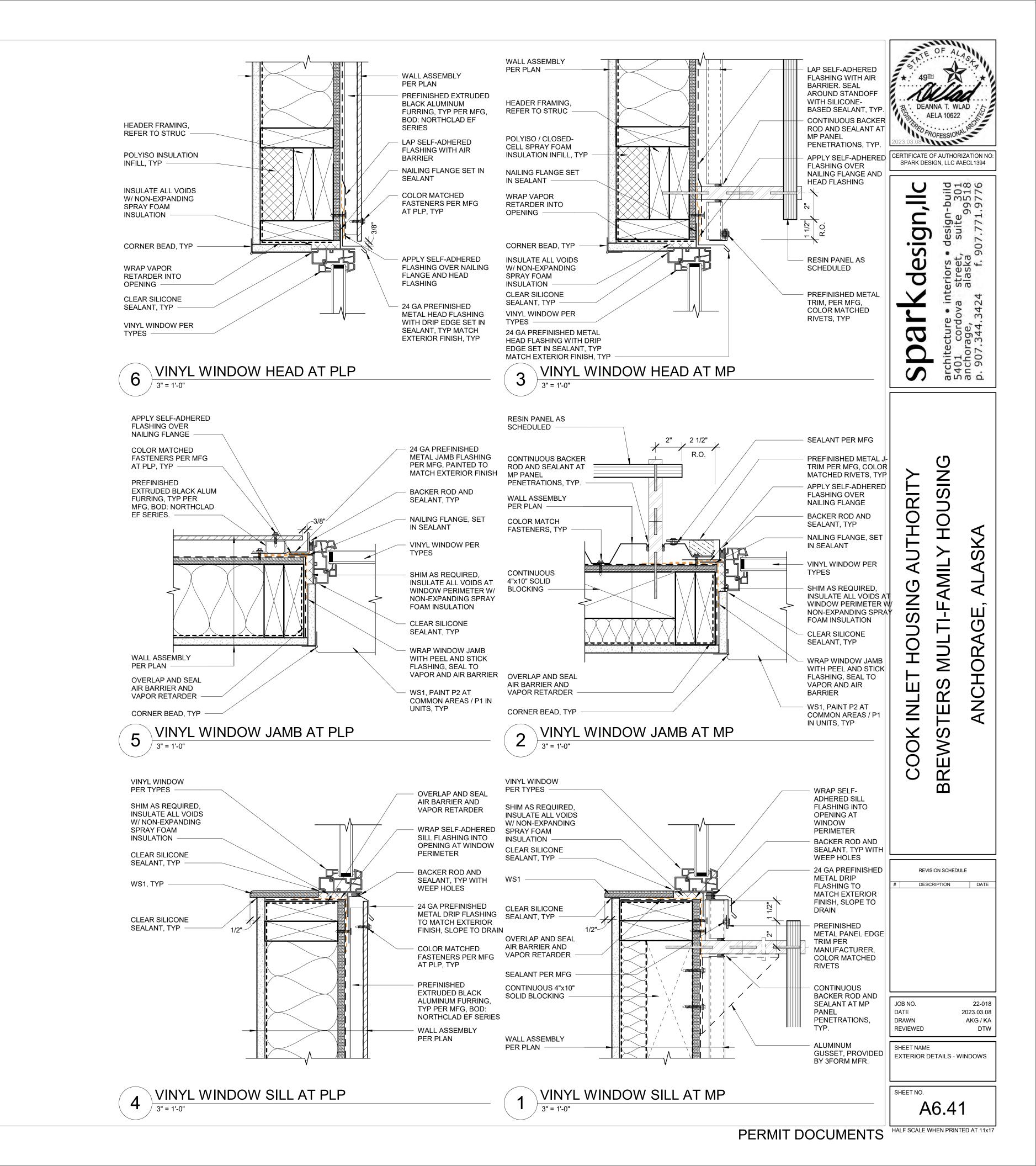


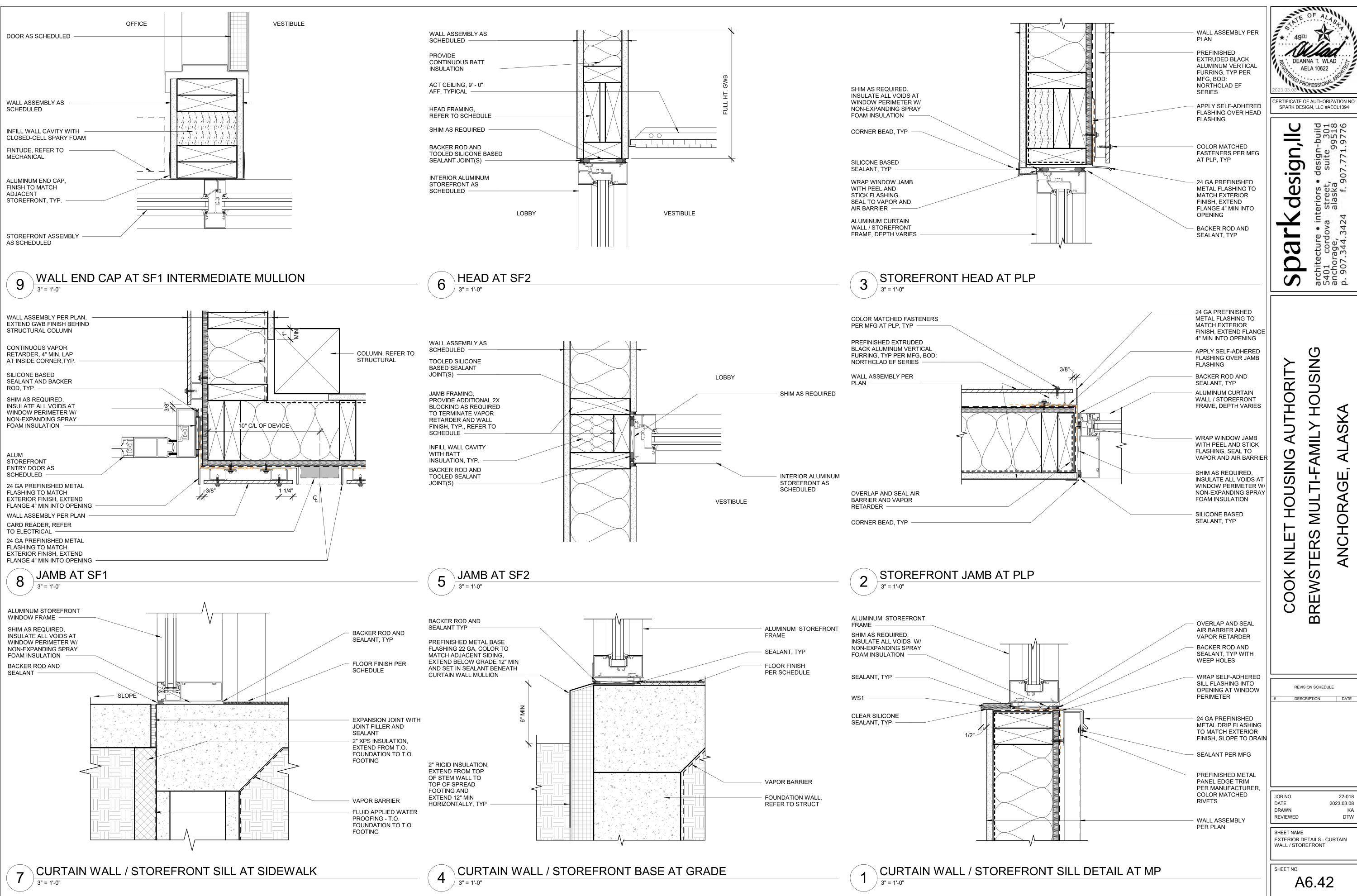












HALF SCALE WHEN PRINTED AT 11x17 PERMIT DOCUMENTS

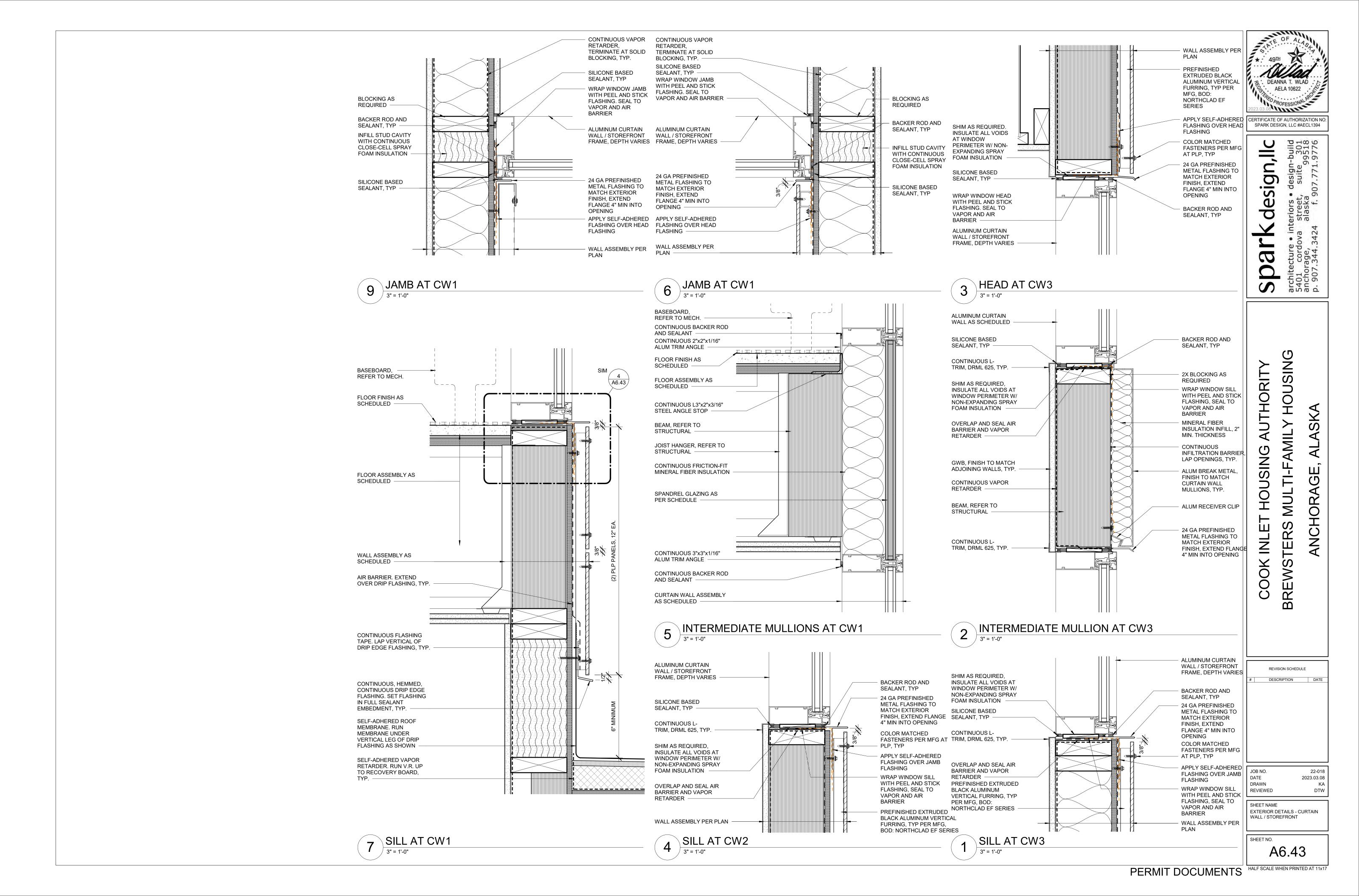
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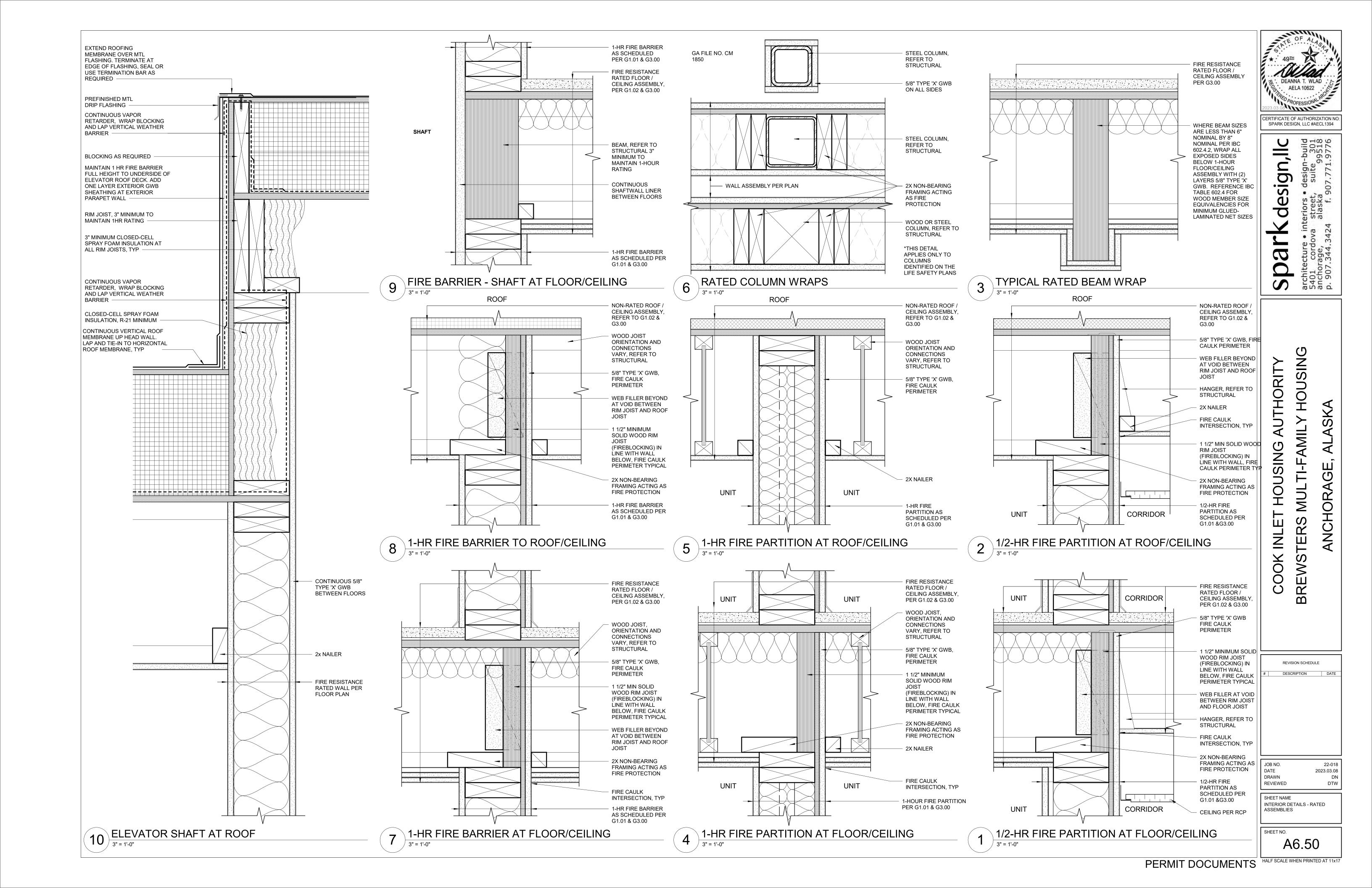
ANCHOR

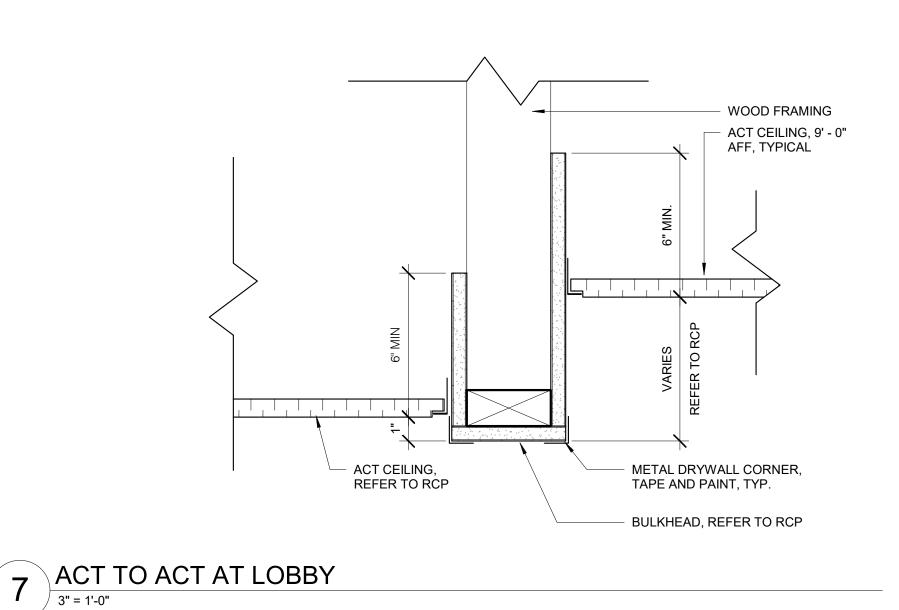
22-018

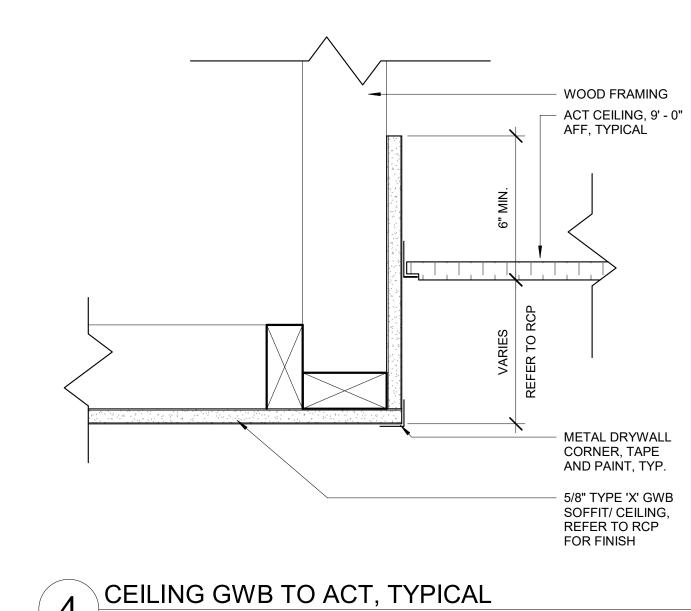
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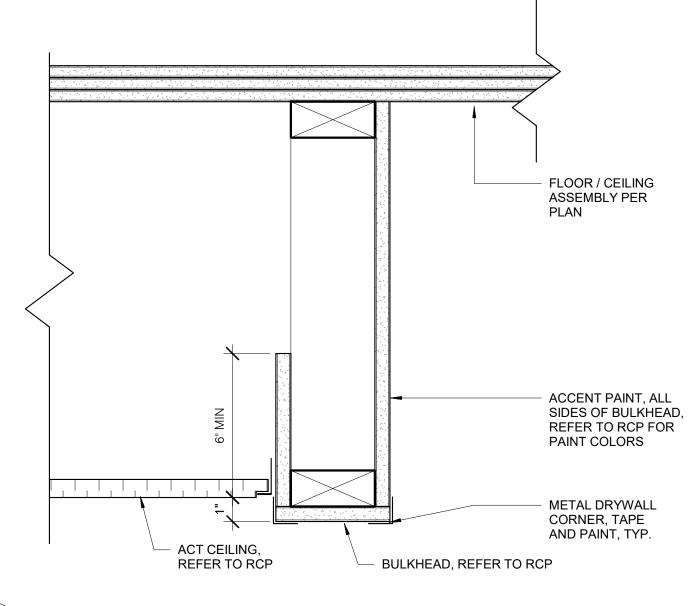
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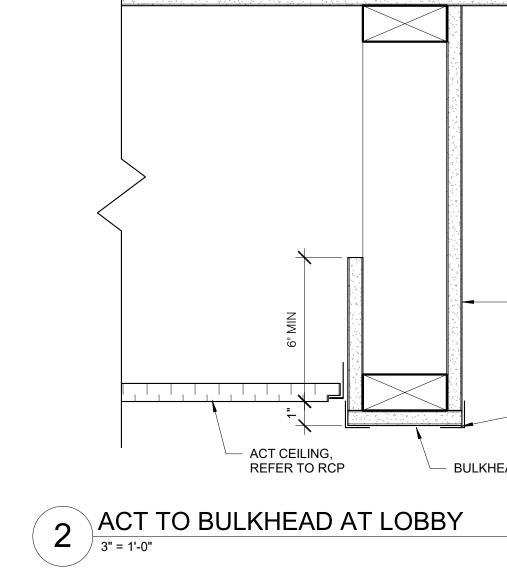


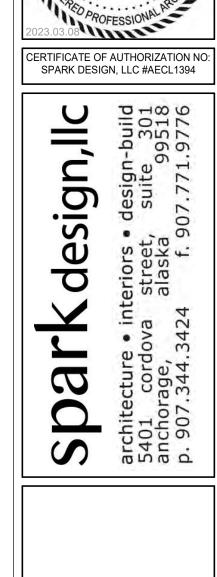












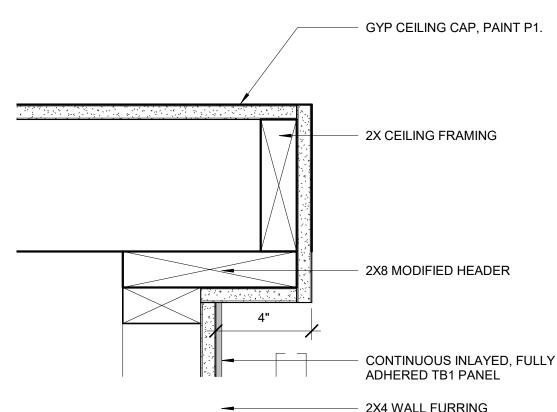
BREWSTERS MULTI-FAMILY HOUSING

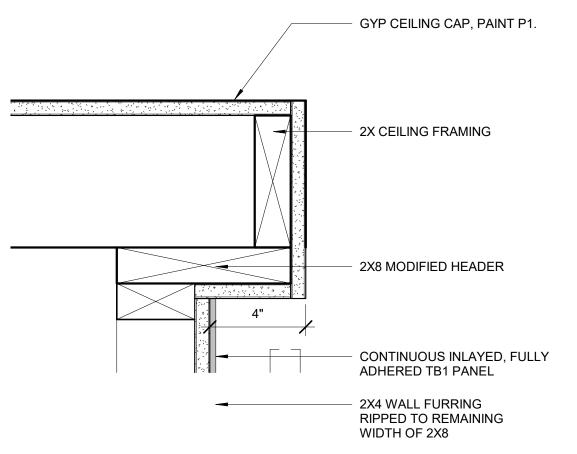
ALASKA

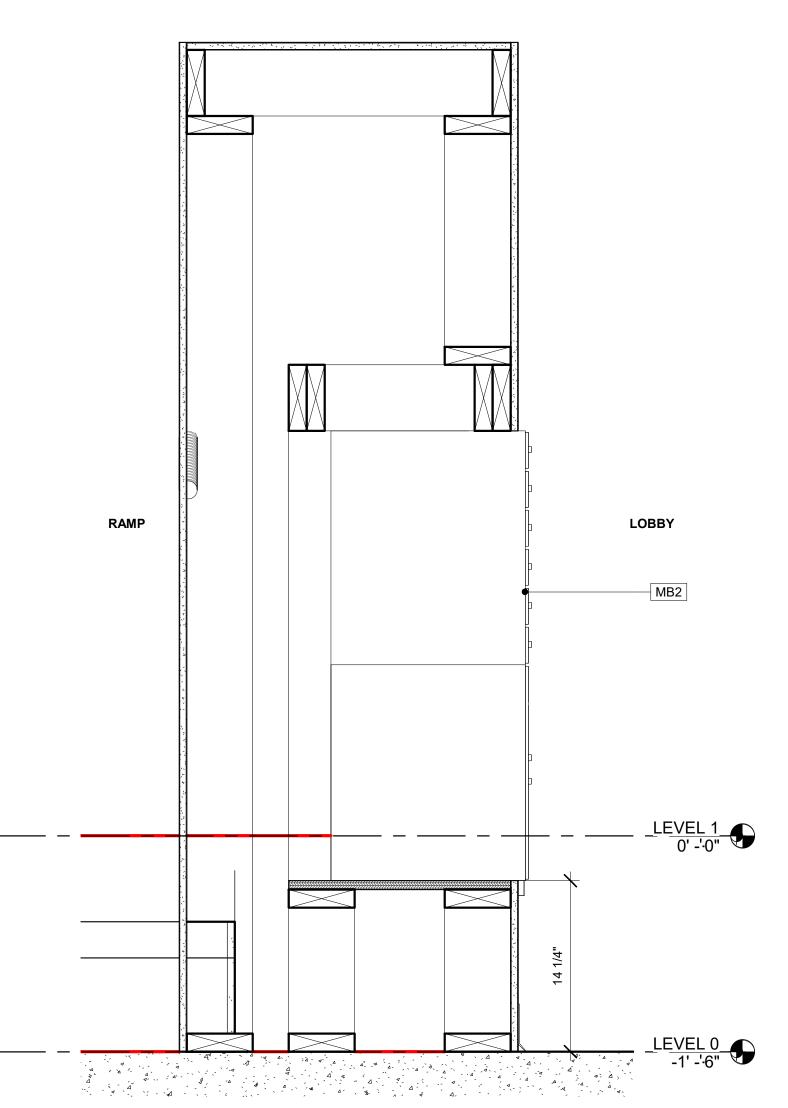
ANCHORAGE,

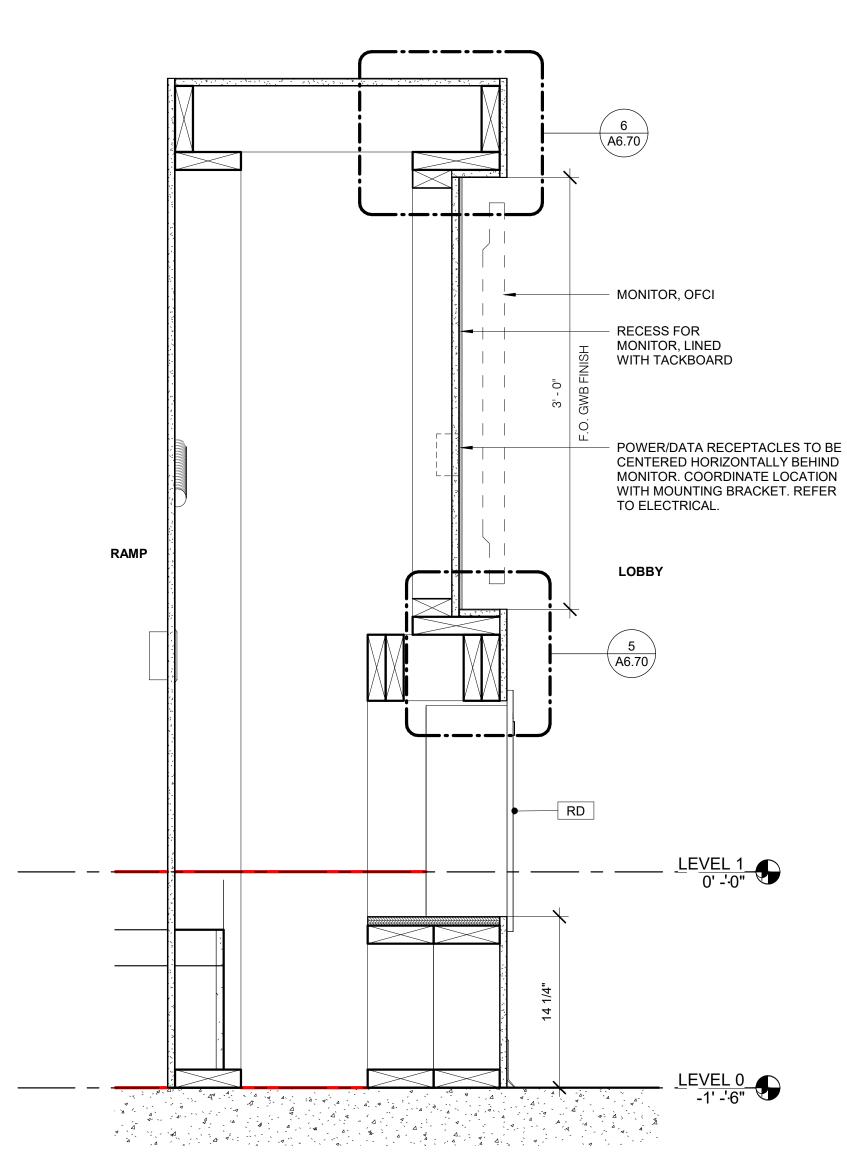
**HOUSING AUTHORITY** 

**COOK INLET** 



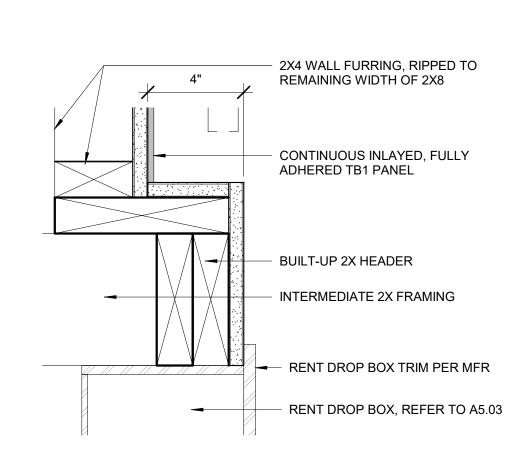






DISPLAY MONITOR / RENT DROP BOX SECTION

1 1/2" = 1'-0"





22-018 JOB NO. DATE 2023.03.08 REVIEWED DTW

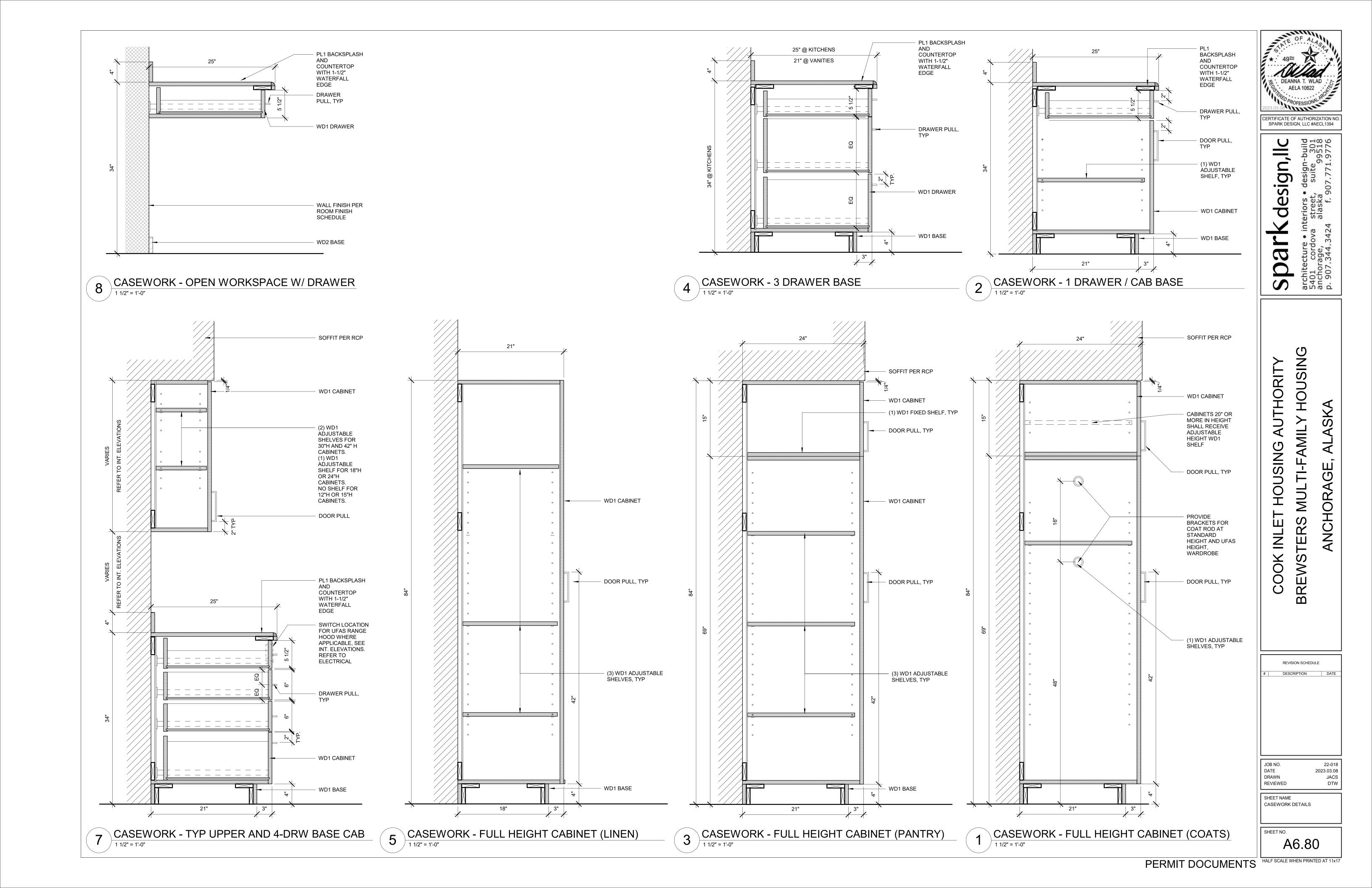
REVISION SCHEDULE

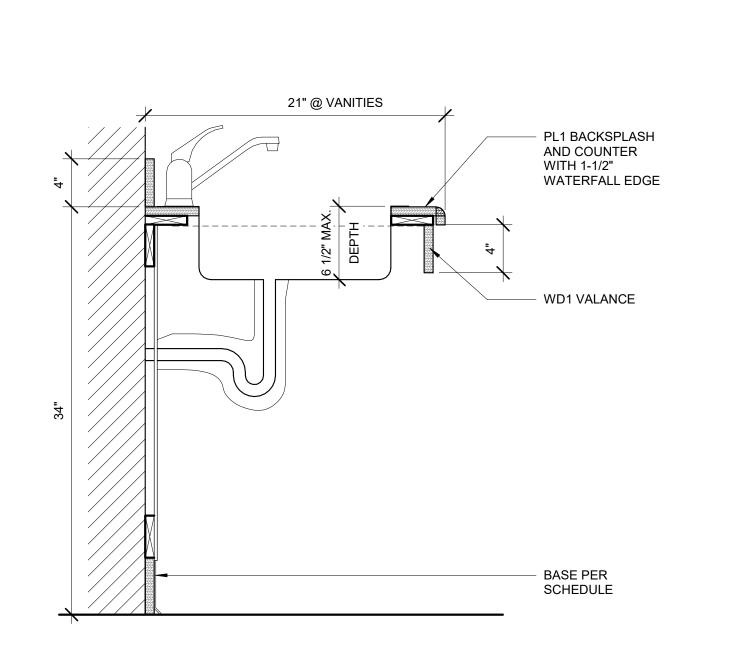
DESCRIPTION

SHEET NAME INTERIOR CEILING AND WALL DETAILS

SHEET NO. A6.70

HEAD AT DISPLAY MONITOR
3" = 1'-0"





CASEWORK - SINK CABINET W/ OPEN BASE
1 1/2" = 1'-0"

OVERHANG SUPPORTS AS NEEDED - DOOR PULL - WALL TYPE PER PLAN WD1 SHELF BASE ADJUSTABLE TO REAR WHEN NEEDED FOR WD2 BASE 6" 3" ACCESSIBLE ACCESS. CASEWORK - ISLAND SINK W/ REMOVABLE BASE AND RETRACTABLE DOORS  $4 ) \frac{ANU NL}{1 \frac{1}{2} = 1'-0"}$ 

3' - 8"

1' - 0"

OVERHANG

SUPPORTS AS NEEDED

WD2 BASE -

PL1 COUNTER WITH 1-1/2"

WATERFALL EDGE

- DOOR PULL

WD1 CABINET

- WALL TYPE PER PLAN

CASEWORK - ISLAND SINK 1 1/2" = 1'-0" 3' - 8" PL1 COUNTER
 WITH 1-1/2"
 WATERFALL
 EDGE 1' - 0" INSULATE ALL EXPOSED PIPING WD1 CABINET WITH RETRACTABLE DOORS

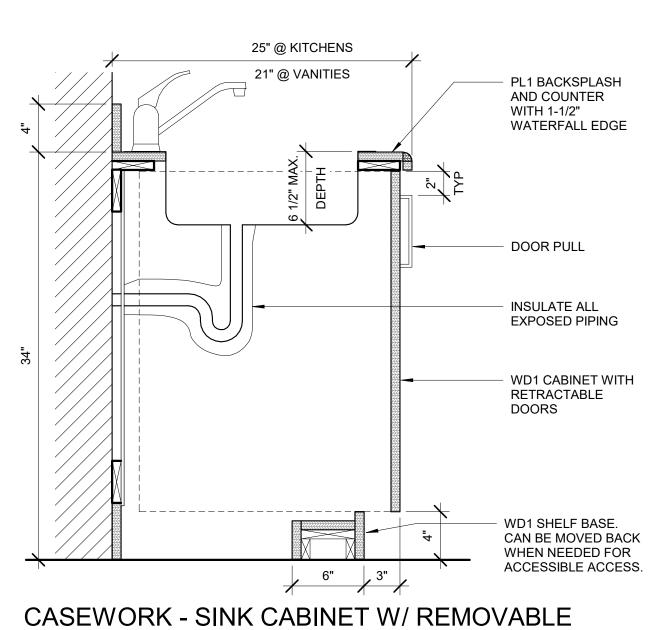
21"

25" @ KITCHENS 22" @ VANITIES PL1 BACKSPLASH AND COUNTER WITH 1-1/2" WATERFALL EDGE - DOOR PULL WD1 CABINET 21" @ KITCHENS 18" @ VANITIES CASEWORK - SINK BASE CABINET

2 CASEVV 25" @ KITCHENS 21" @ VANITIES

BASE AND RETRACTABLE DOORS

1 1/2" = 1'-0"



BREWSTERS MULTI-FAMILY HOUSING **HOUSING AUTHORITY** ALASKA ANCHORAGE **COOK INLET** 

REVISION SCHEDULE

22-018

2023.03.08 JACS DTW

DESCRIPTION

JOB NO.

DATE DRAWN

REVIEWED

SHEET NAME

SHEET NO.

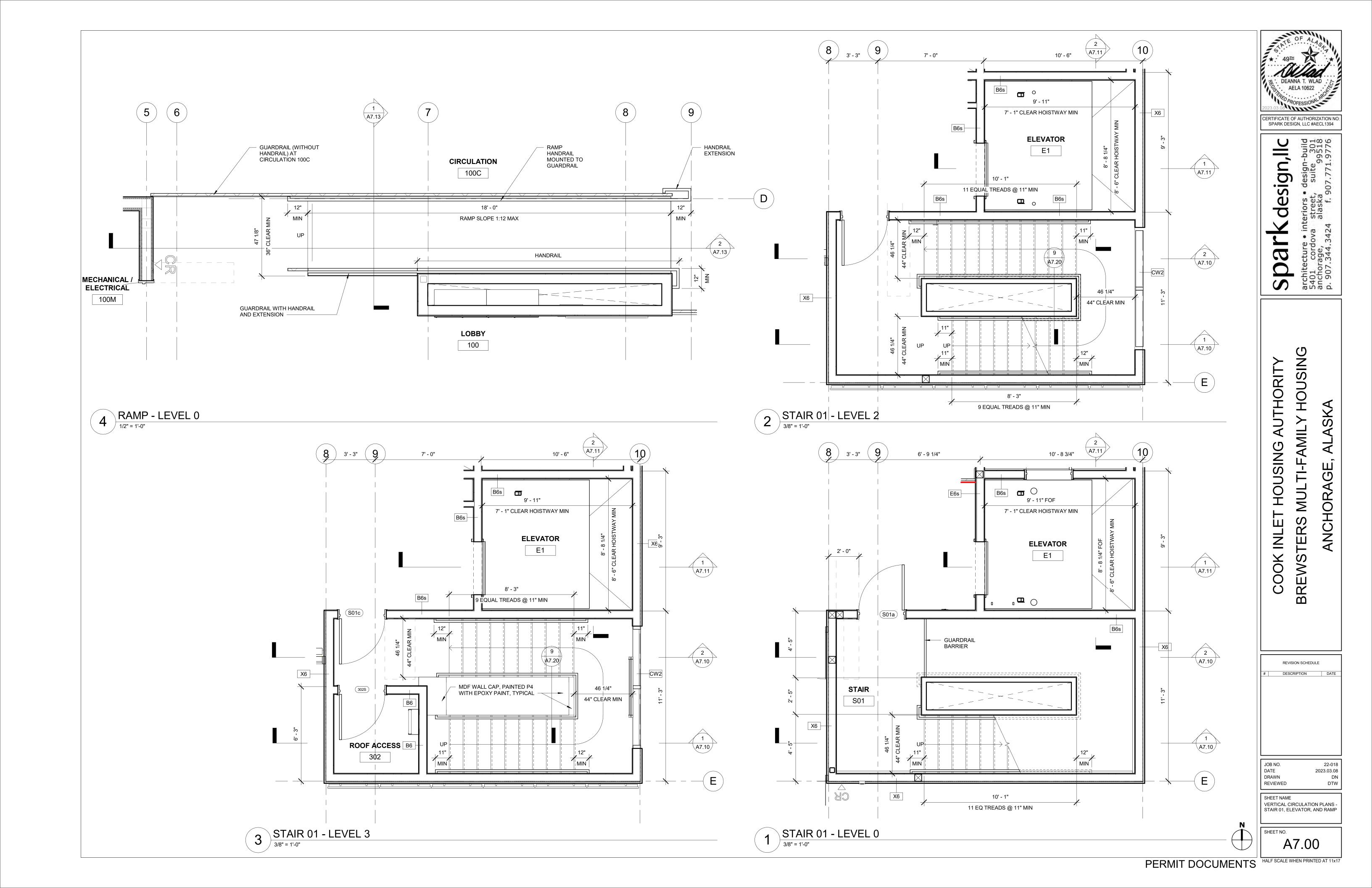
CASEWORK DETAILS

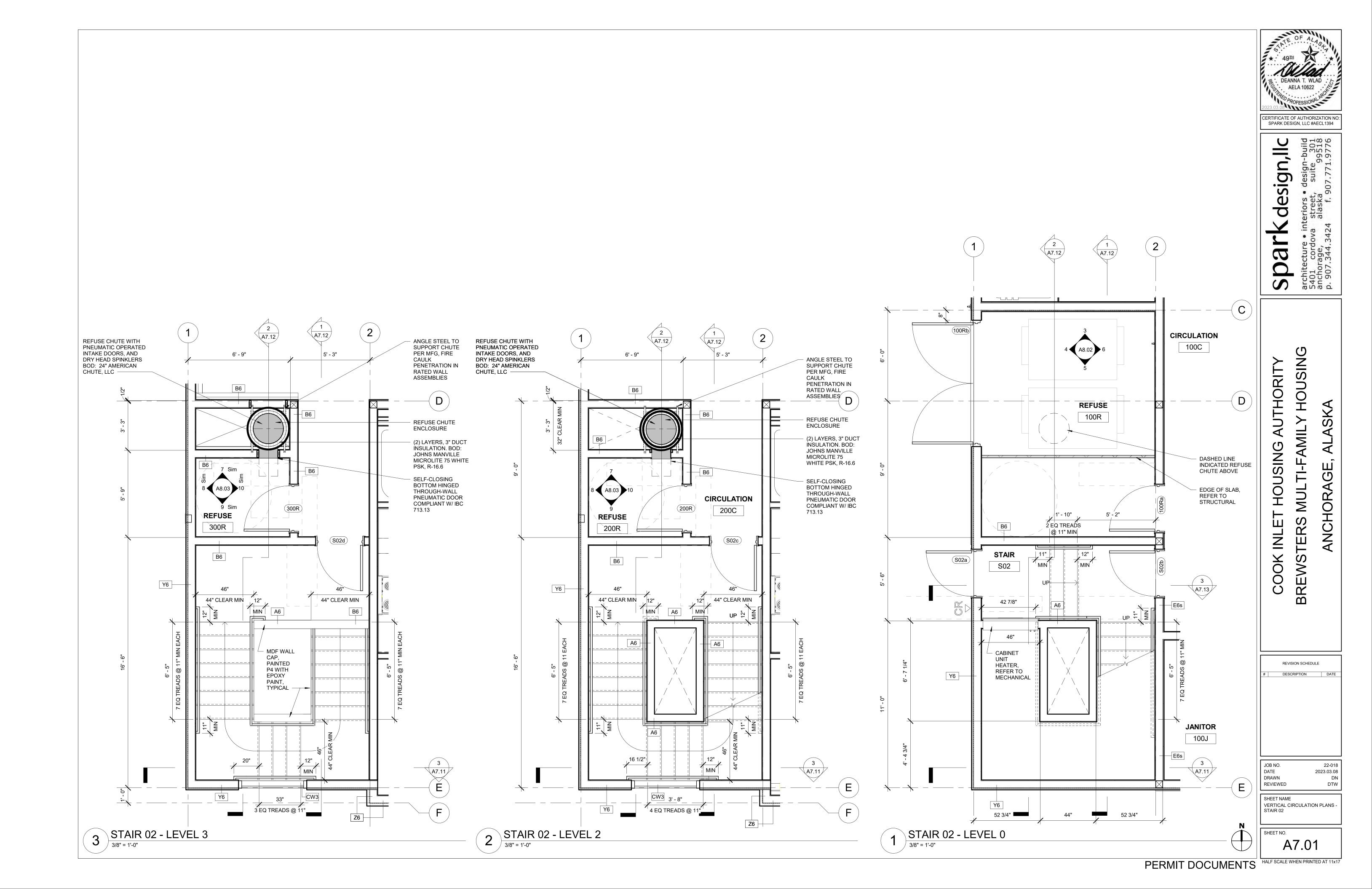
A6.81

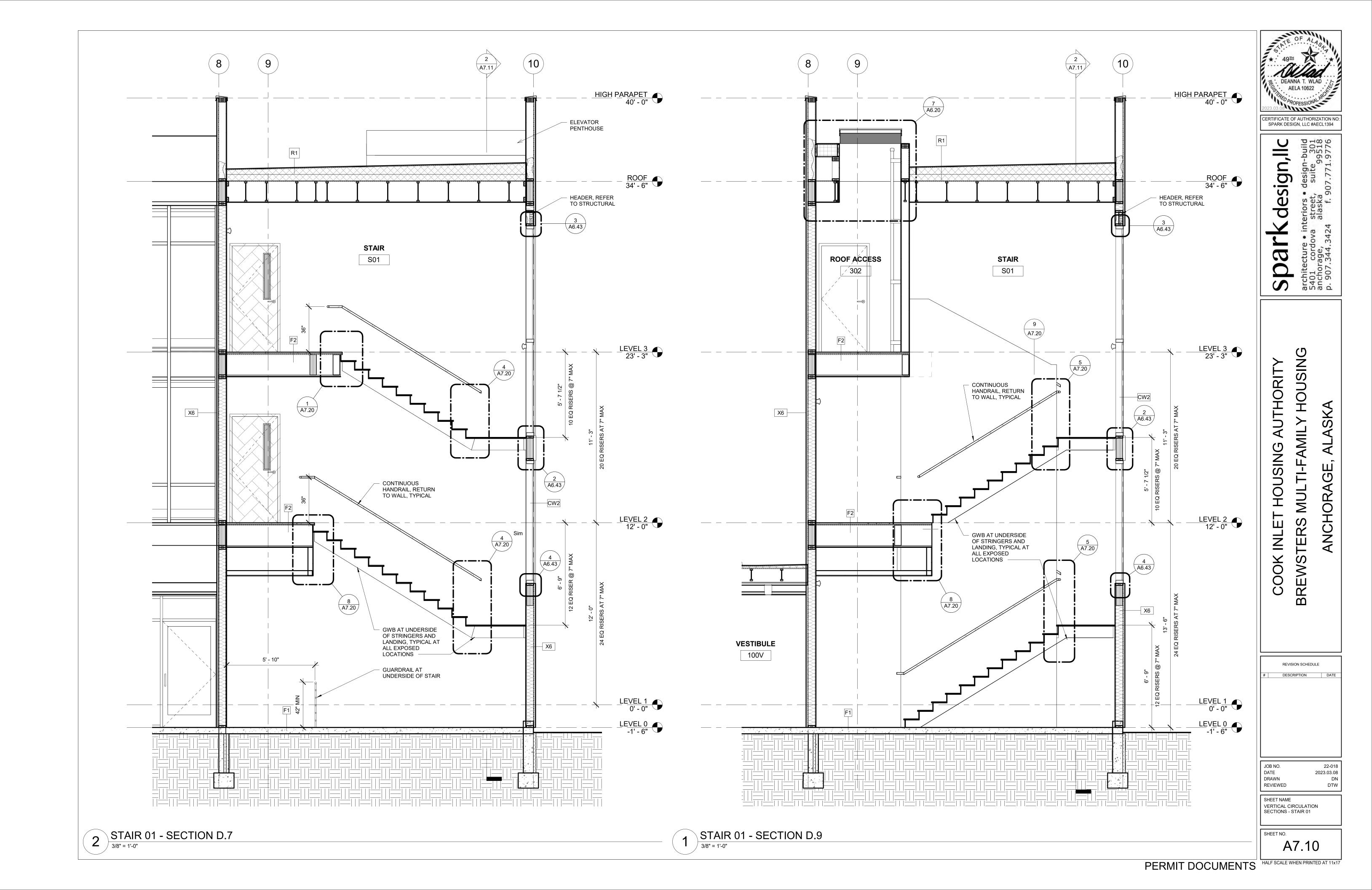
teriors • design-build street, suite 301 alaska 99518 f. 907.771.9776 design,llc

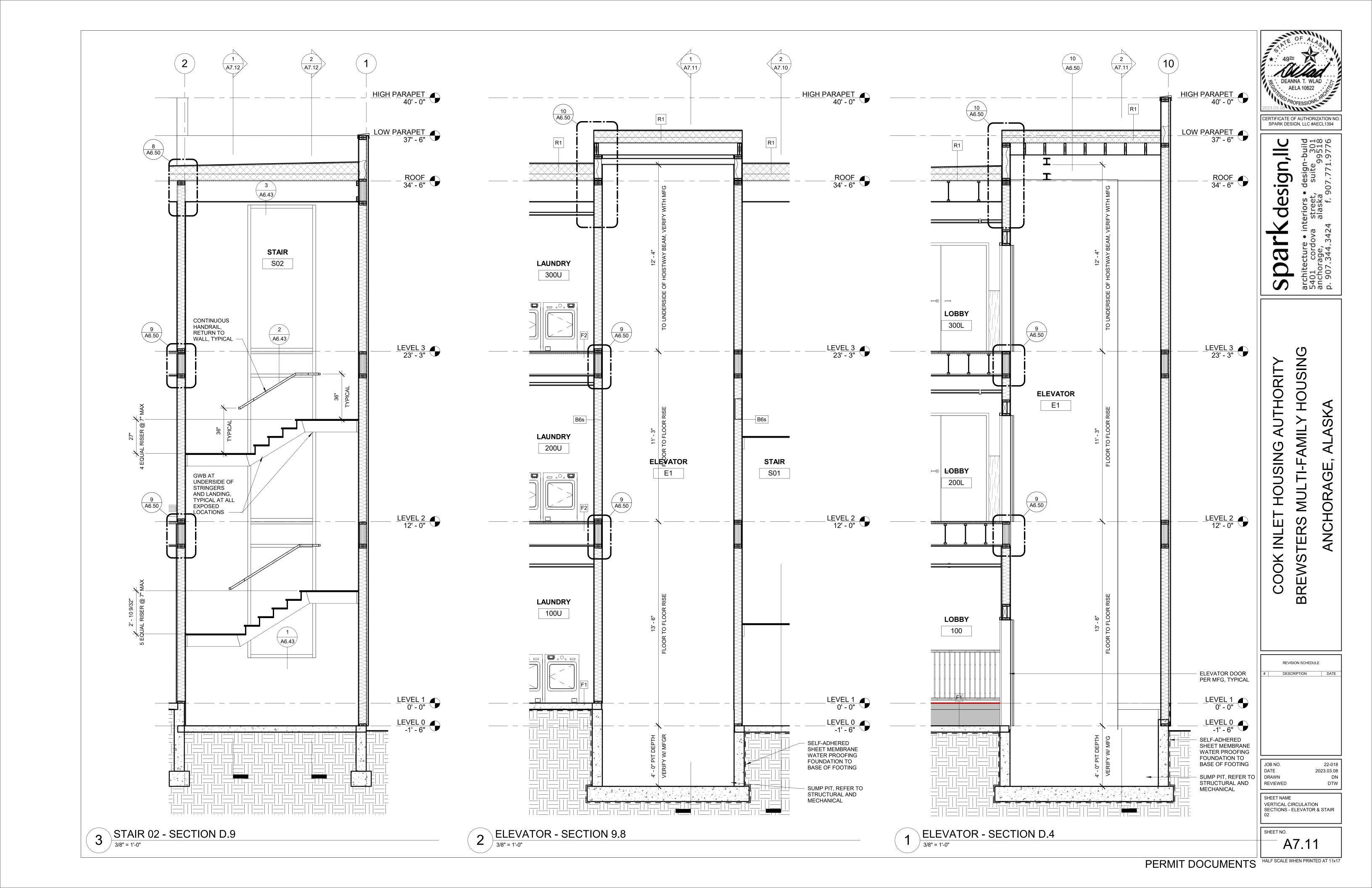
CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

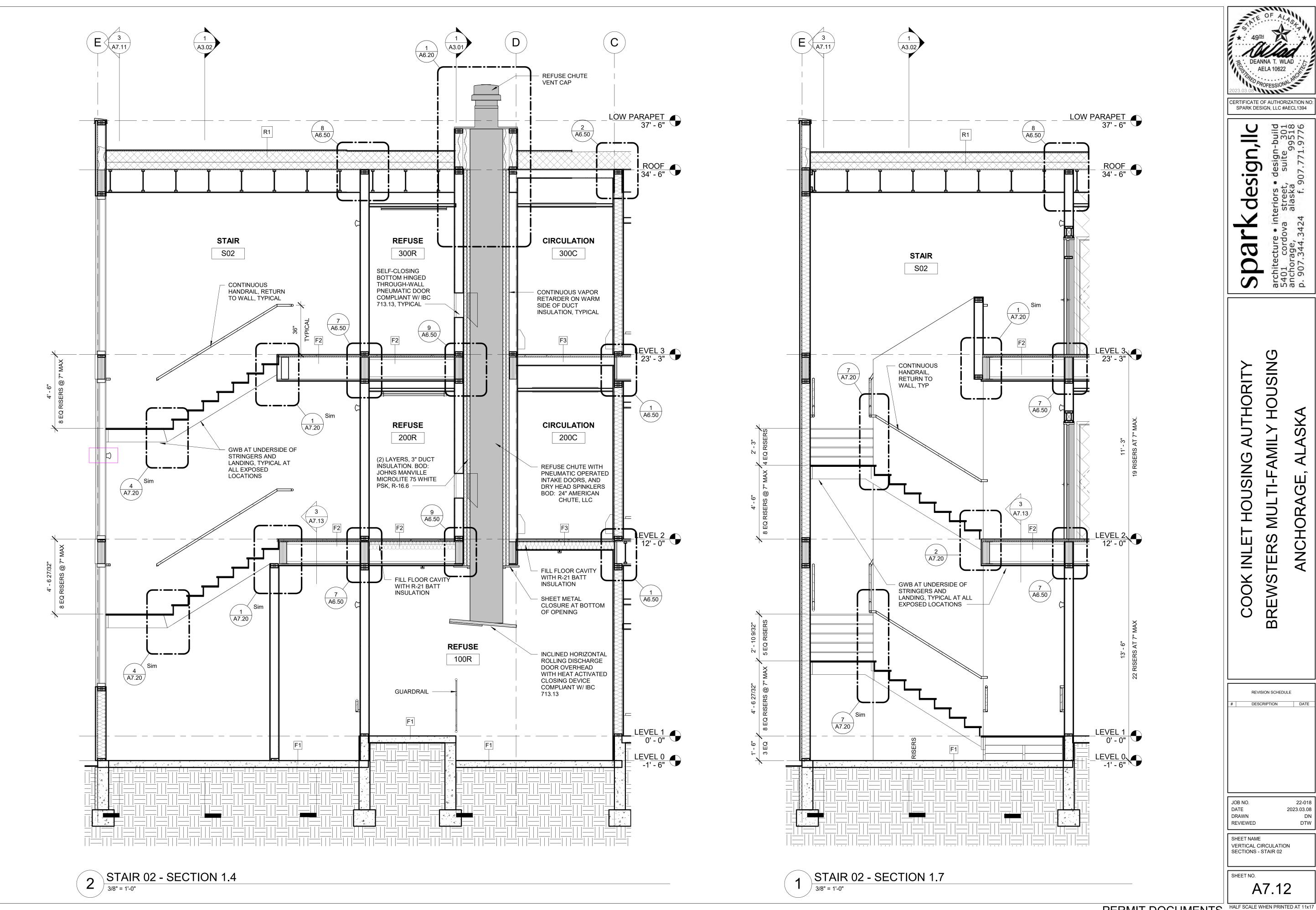
HALF SCALE WHEN PRINTED AT 11x17











BREWSTERS MULTI-FAMILY HOUSING

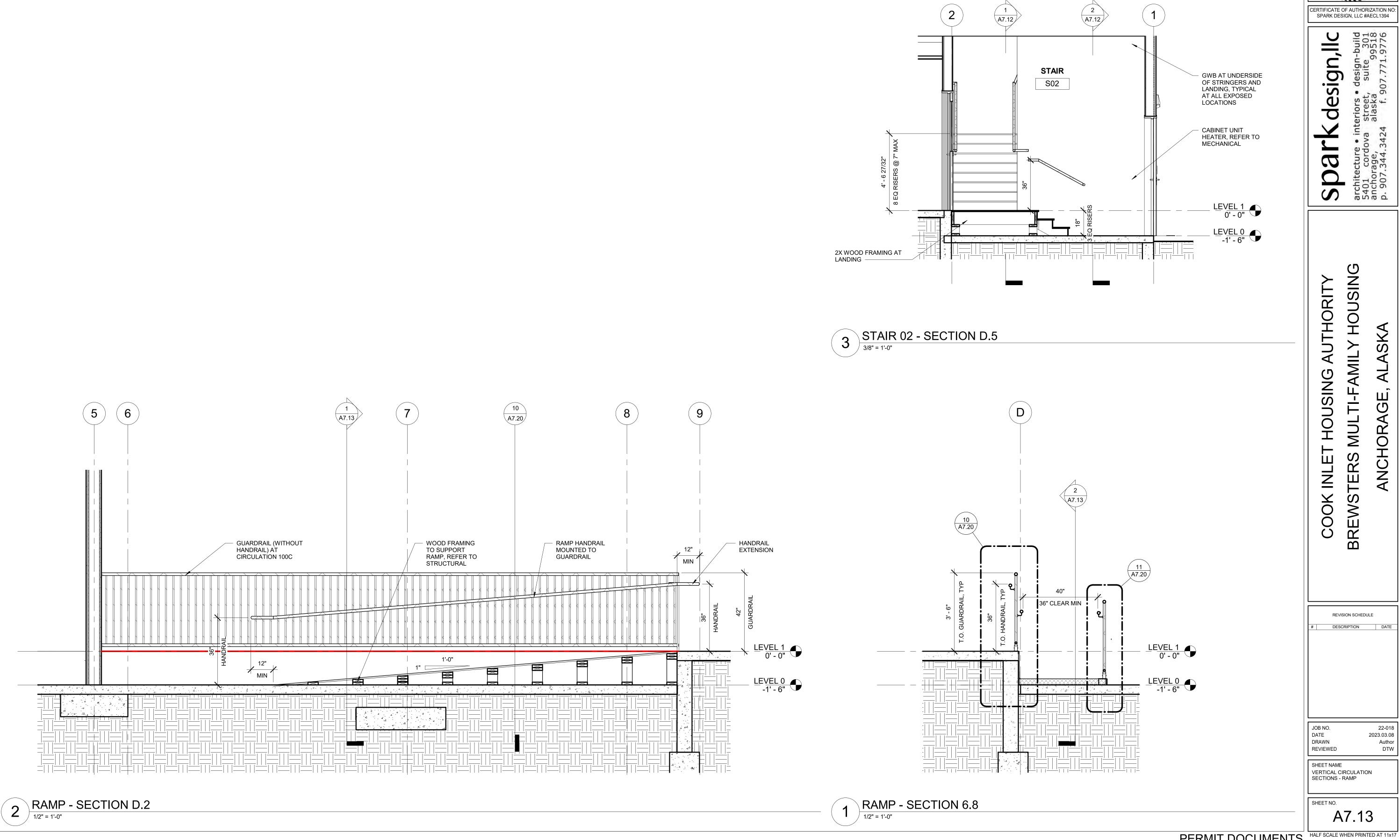
ALASKA

ANCHORAGE,

22-018

DTW

2023.03.08



architecture • interiors • design-build 5401 cordova street, suite 301 anchorage, alaska 99518 p. 907.344.3424 f. 907.771.9776 Spark BREWSTERS MULTI-FAMILY HOUSING HOUSING AUTHORITY ALASKA

design,llc

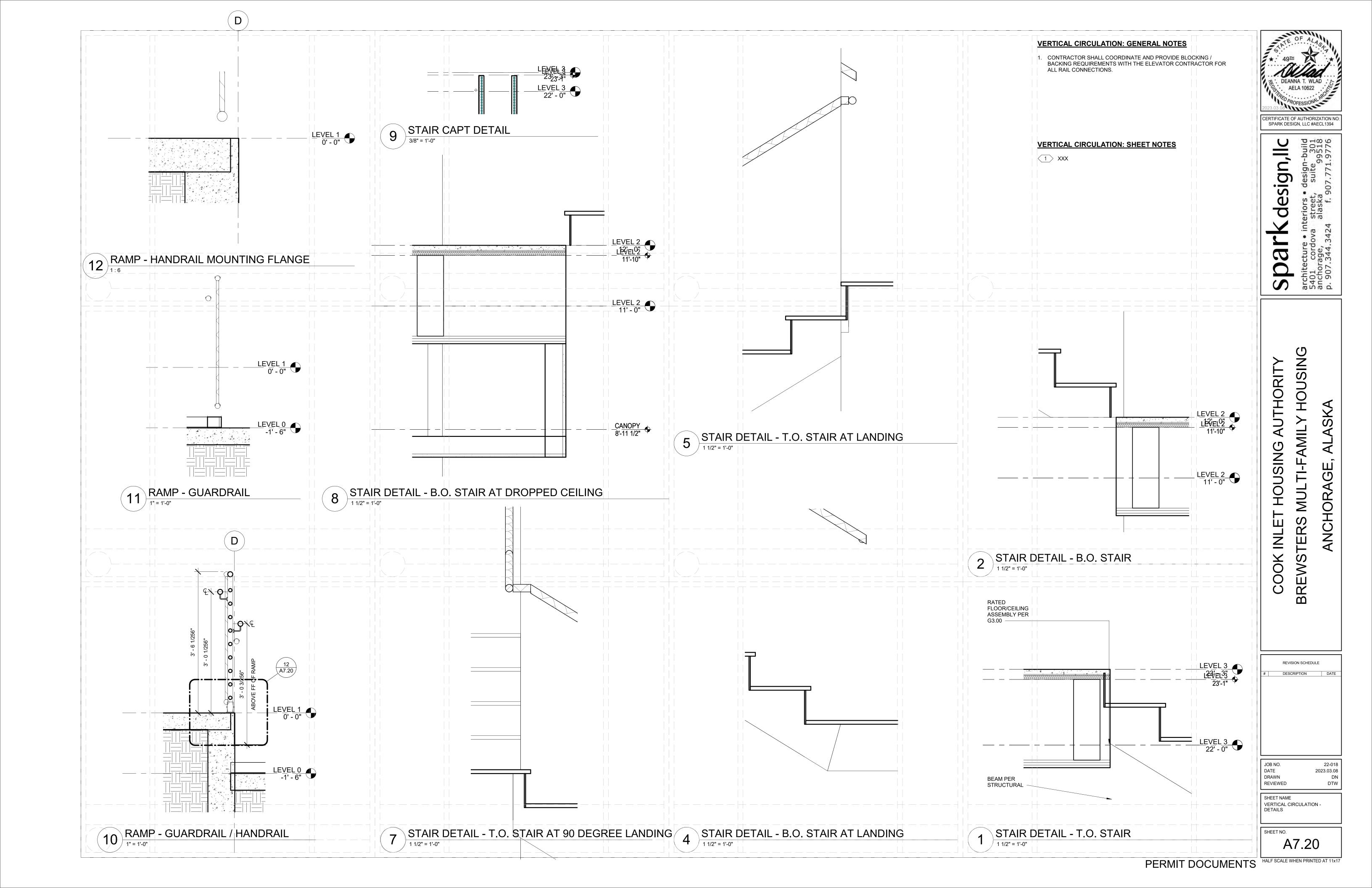
ANCHORAGE, **COOK INLET** REVISION SCHEDULE

JOB NO. 22-018 DATE 2023.03.08 REVIEWED

DESCRIPTION

SHEET NAME
VERTICAL CIRCULATION
SECTIONS - RAMP

SHEET NO. A7.13 HALF SCALE WHEN PRINTED AT 11x17



# FINISH PLAN: LEGEND BLOCKING FOR FUTURE GRAB BARS P1 / P2 / P3, REFER TO FINISH PLAN TACK BOARD

#### **INTERIOR ELEVATIONS: GENERAL NOTES**

- 1. REFER TO A5.03 FOR MATERIAL, APPLIANCE AND TOILET ACCESSORY SCHEDULES.
- ALL BASE CABINETS SHALL BE 24" DEEP, ALL UPPER CABINETS SHALL BE 13" DEEP AND ALL COUNTERTOPS SHALL BE 25 1/2" DEEP, UNLESS OTHERWISE NOTED.
- COUNTERTOPS AND BACKSPLASHES SHALL RECEIVE COLOR MATCHED SEALANT AT ALL WALL AND WALL/BACKSPLASH INTERSECTIONS.
- 5. ALL CASEWORK SHALL HAVE 1" MINIMUM FILLER PANELS TO MATCH CASEWORK AT EDGES ADJACENT TO PERPENDICULAR WALLS.
- 6. 'FE' INDICATES FINISHED END ON EXPOSED SIDE OF CABINET.
- ALL END PANELS TO BE FINISHED ON EXPOSED SIDE. END PANELS AROUND FRIDGE TO BE 24" DEEP TO SUPPORT 24" DEEP CABINET ABOVE FRIDGE.
- 8. CASEWORK DOOR/DRAWER PULL BASIS OF DESIGN IS NOTED ON A5.09.
- 9. REFER TO FINISH PLAN FOR EXTENT OF FLOORING, ACCENT PAINT, WALL COVERINGS AND CORNER GUARD LOCATIONS.
- 10. CORNER GUARDS ARE NOT CALLED OUT IN THE ELEVATION. REFER TO FINISH PLANS FOR LOCATIONS AND TYPES.
- 11. INSULATE PIPES AT ALL SINK LOCATIONS WITH EXPOSED PIPING IF SHROUD IS NOT PROVIDED.
- 12. WHERE 34" IS NOTED, THE 34" HEIGHT SHALL BE MEASURED FROM THE FINISHED FLOOR TO THE TOP OF THE FLOOD RIM OF THE FIXTURE, TYPICAL.

- 13. CONTRACTOR SHALL BACK CHECK APPLIANCE CUT SHEETS WITH ALL CASEWORK TO CONFIRM ADEQUATE CLEARANCE IS PROVIDED. REFRIGERATORS SHALL BE LOCATED TO ALLOW DOORS TO OPEN SO BINS CAN BE REMOVED.
- 14. CONTRACTOR TO PROVIDE AND INSTALL BLOCKING FOR WALL MOUNTED TOILET ACCESSORIES, EQUIPMENT, SIGNAGE, ETC.
- 15. PROVIDE BLOCKING FOR FUTURE GRAB BARS IN NON-UFAS UNITS. REFER TO A8.00 FOR
- 16. REFER TO MECHANICAL DRAWINGS FOR ALL PLUMBING FIXTURES AND ELECTRICAL DRAWINGS FOR ALL LIGHT FIXTURES.

CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

design,llc

# HOUSIN AUTHORITY SKA TI-FAMIL HOUSING ANCHO BREWSTERS N **COOK INLET**

REVISION SCHEDULE DESCRIPTION

2023.03.08

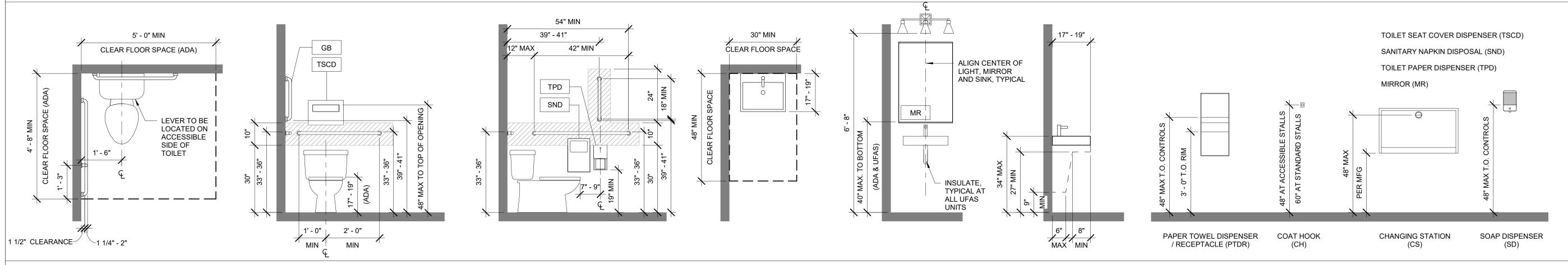
REVIEWED SHEET NAME STANDARD MOUNTING HEIGHTS

AND CLEARANCES

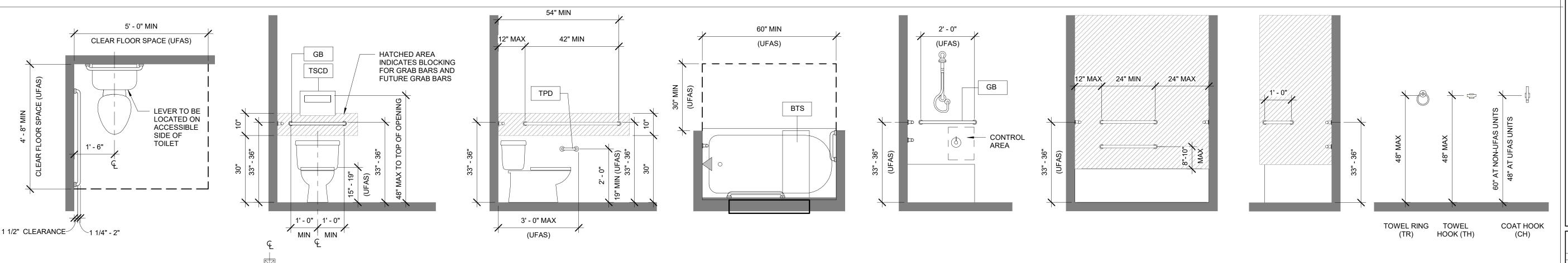
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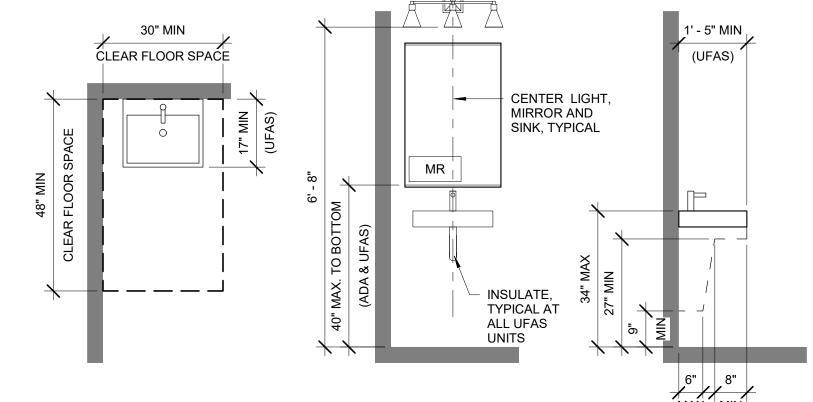
A8.00

## ADA FIXTURE AND ACCESSORY MOUNTING HEIGHTS - PUBLIC RESTROOMS

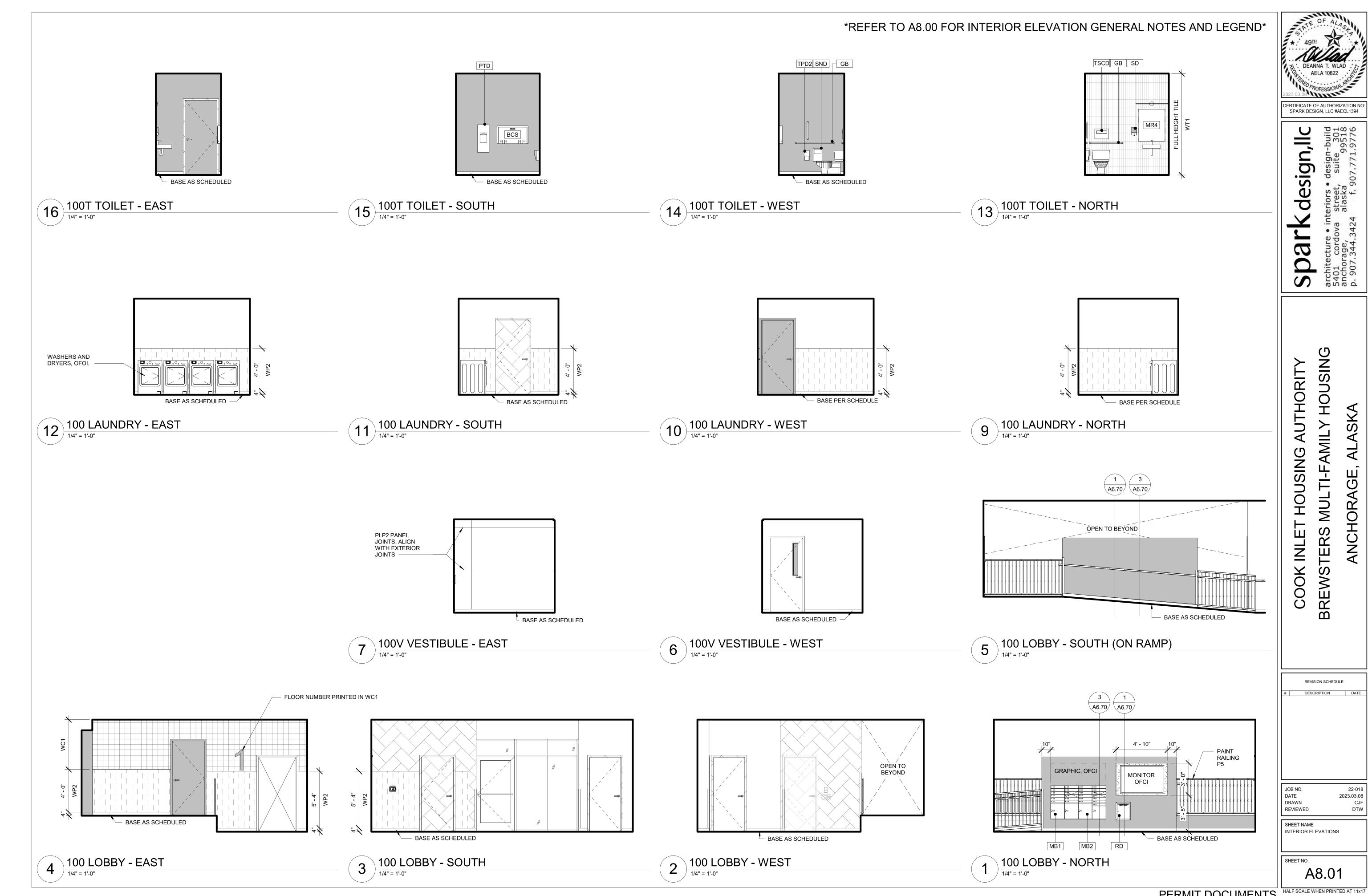


### **UFAS FIXTURE AND ACCESSORY MOUNTING HEIGHTS - RESIDENTIAL UNITS**



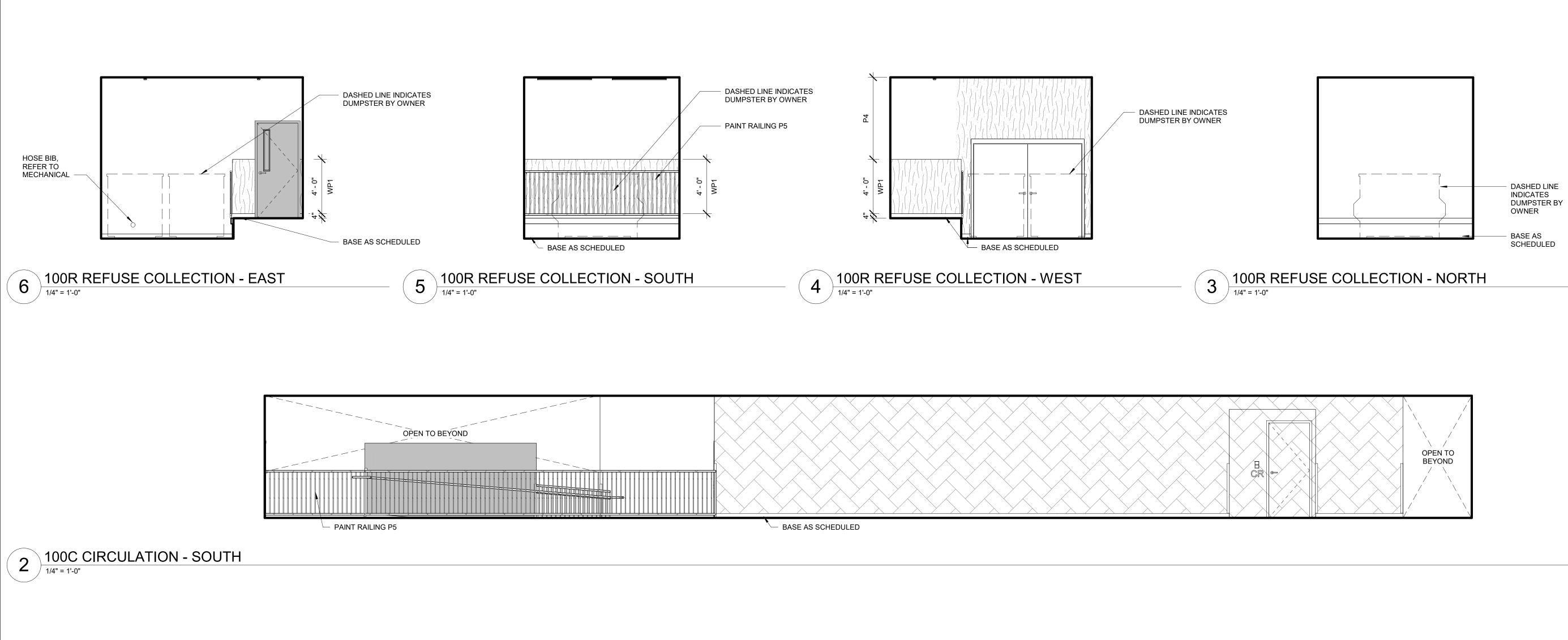


PERMIT DOCUMENTS



UNIT SIGNAGE, TYP. REFER TO A5.50

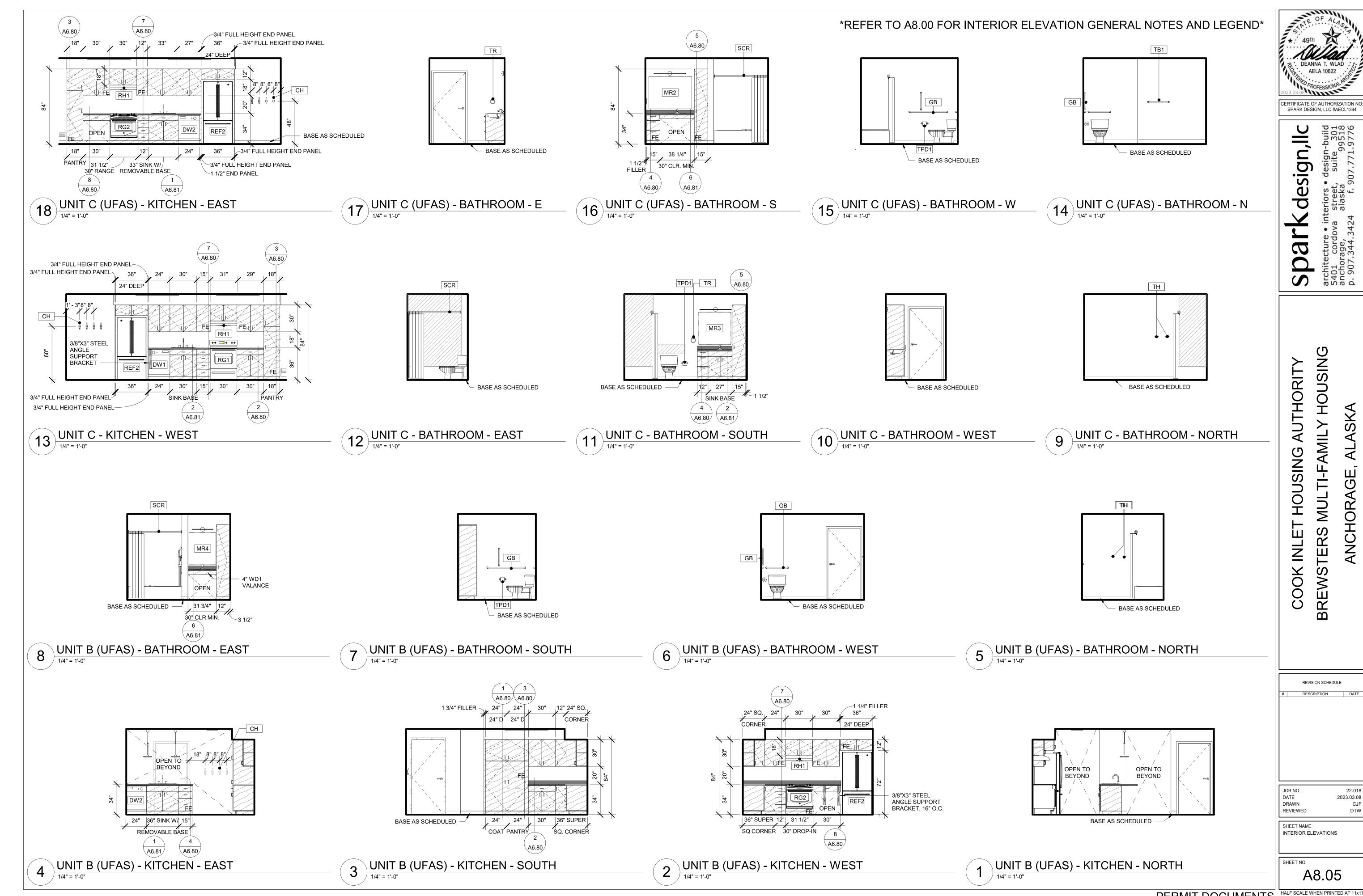




BASE AS SCHEDULED

\*UFAS UNITS ONLY \*\*ALL UNITS, TYP.

1 100C CIRCULATION - NORTH



PERMIT DOCUMENTS HALF SCALE WHEN PRINTER





EXTERIOR - SOUTHEAST EXTERIOR - NORTHWEST HOUSING AUTHORITY COOK INLET

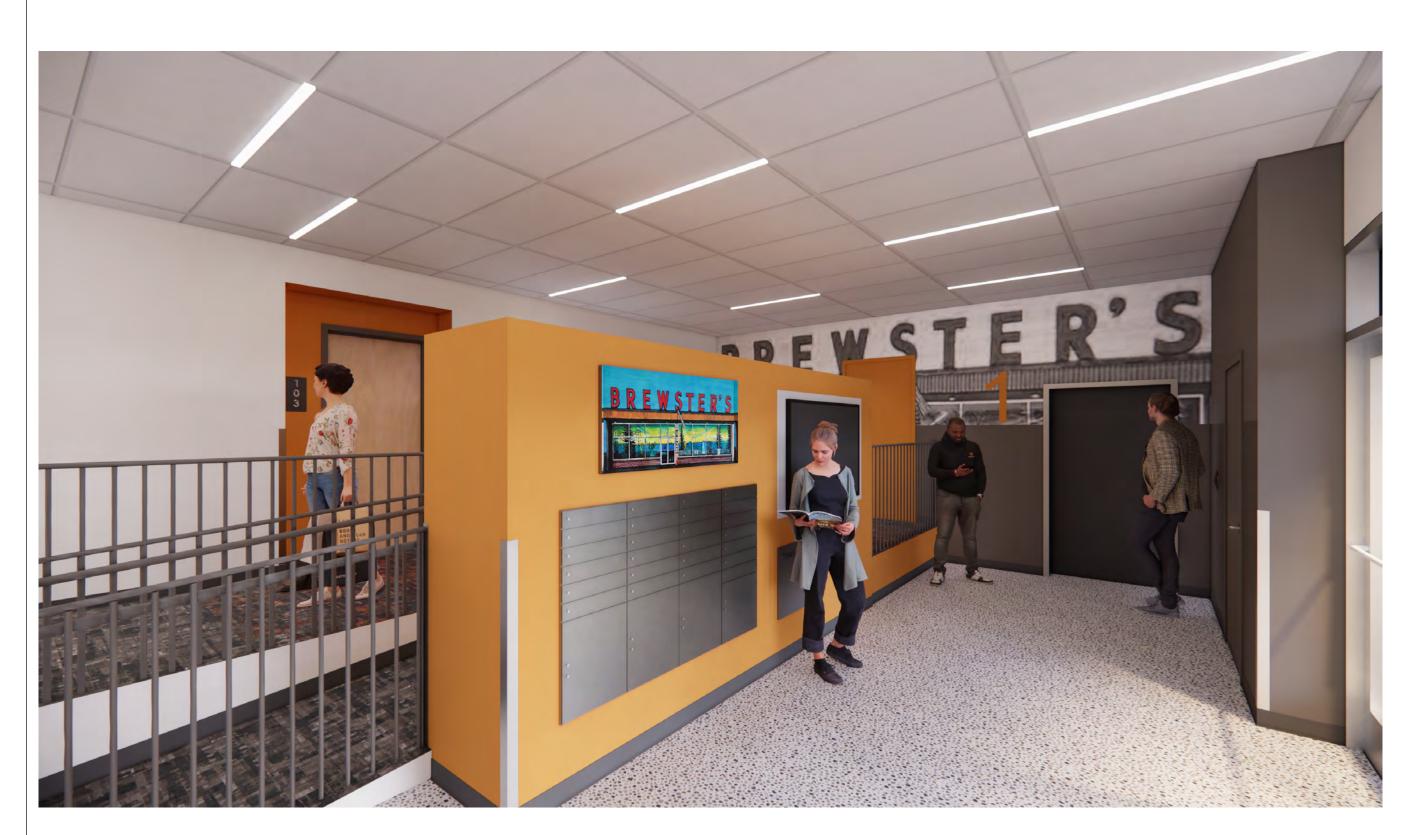
CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

**Spark** design, llc

BREWSTERS MULTI-FAMILY HOUSING ANCHORAGE,

PERMIT DOCUMENTS HALF SCALE WHEN PRINTED AT 11x17

A8.10









HALLWAY

**ELEVATOR LOBBY** 



BREWSTERS MULTI-FAMILY HOUSING HOUSING AUTHORITY ANCHORAGE, COOK INLET

22-018 2023.03.08 CJF DTW JOB NO. DATE DRAWN REVIEWED SHEET NAME RENDERINGS A8.11

DESCRIPTION DATE

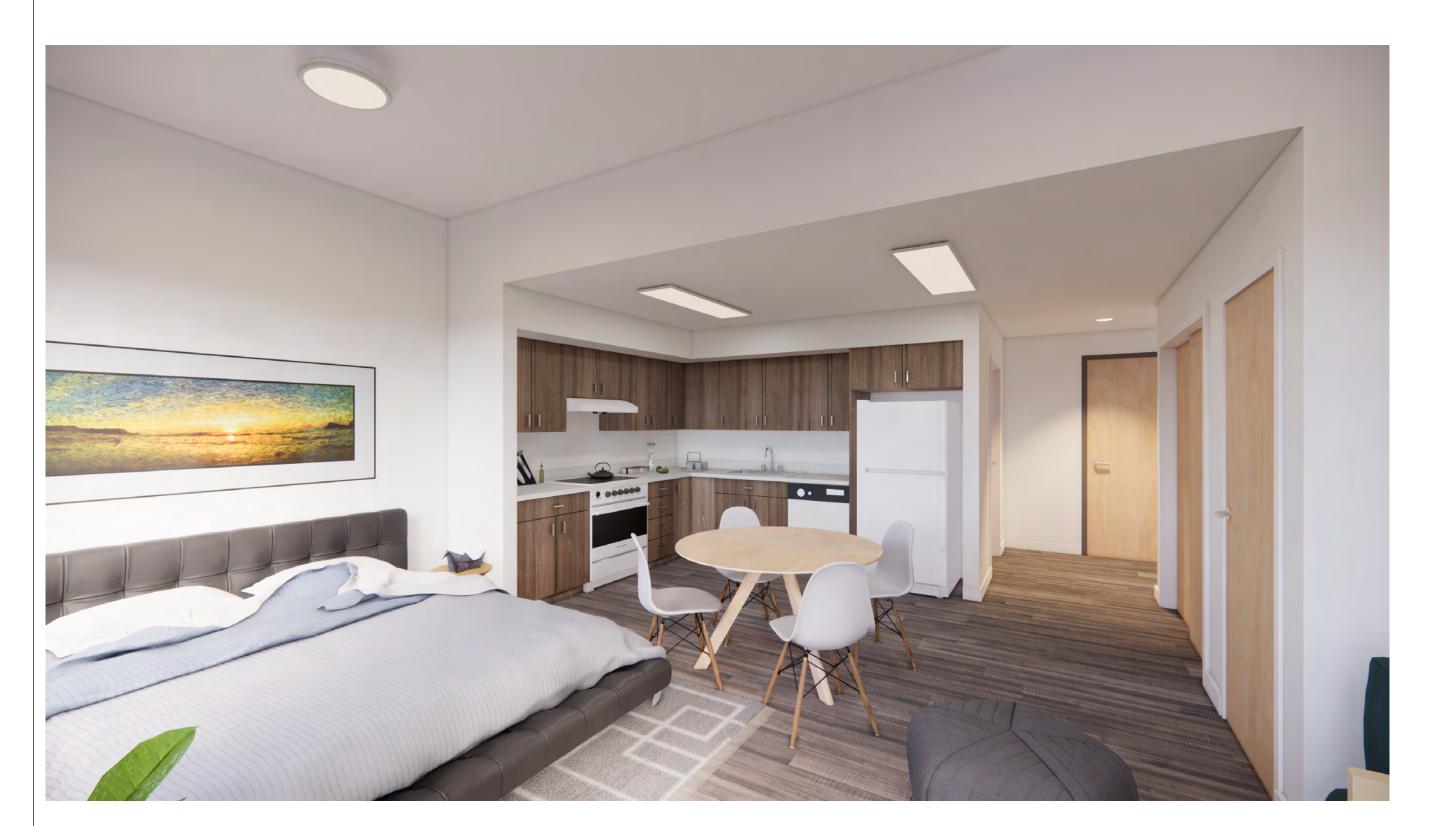
PERMIT DOCUMENTS HALF SCALE WHEN PRINTED AT 11x17



UNIT B - KITCHEN



UNIT B - GREAT ROOM





UNIT C UNIT A

BREWSTERS MULTI-FAMILY HOUSING HOUSING AUTHORITY ANCHORAGE, COOK INLET

DESCRIPTION DATE

A8.12 PERMIT DOCUMENTS HALF SCALE WHEN PRINTED AT 11x17

JOB NO. DATE DRAWN REVIEWED

SHEET NAME RENDERINGS

	ABBREVIATIONS		ABBREVIATIONS	SYMBOLS	
(E)	EXISTING	LVL	LAMINATED VENEER LUMBER	DETAIL NUMBER	
N)	NEW	LWC	LIGHT WEIGHT CONCRETE	S1019 SHEET NI IMBED	DETAIL CUT/CALLOUT
AB	ANCHOR BOLT	MAX	MAXIMUM	SHEET NUMBER	
Cl	AMERICAN CONCRETE INSTITUTE	MCJ	MASONRY CONTROL JOINT	SECTION NUMBER	
ISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	MECH	MECHANICAL	S1019 OUEET NUMBER	SECTION CUT
ISI	AMERICAN IRON AND STEEL INSTITUTE	MIN	MINIMUM	S1019—SHEET NUMBER	
LT	ALTERNATE	MRF MT	MANUFACTURER MAGNETIC PARTICLE TESTING	ELEVATION	
SCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	N/A	NOT APPLICABLE	NUMBER	ELEVATION
SD	ALLOWABLE STRESS DESIGN	NDS	NATIONAL DESIGN SPECIFICATION	SHEET NUMBER	
ASTM	AMERICAN SOCIETY FOR TESTING AND	NFS	NON-FROST SUSCEPTIBLE	IMAGE NUMBER	
	MATERIALS	NIC	NOT IN CONTRACT	\$1019 SHEET NUMBER	IMAGE REFERENCE
WPA	AMERICAN WOOD PROTECTION	NTS	NOT TO SCALE	S1019—SHEET NUMBER	
	ASSOCIATION	NWC	NORMAL WEIGHT CONCRETE	$\langle \# \rangle$	KEYNOTE
WS	AMERICAN WELDING SOCIETY	OC	ON CENTER		
SM OD	BEAM OF BEAM	OPP	OPPOSITE (MIRRORED)	7/////	8" MASONRY WALL, UNC
OB OD	BOTTOM OF BEAM	PAF	POWDER ACTUATED FASTENER		
OD OF	BOTTOM OF DECK BOTTOM OF FOUNDATION	PC	PILE CAP		12" MASONRY WALL, UN
OS	BOTTOM OF FOUNDATION  BOTTOM OF STEEL	PCC	PRECAST CONCRETE		
OT	BOTTOM OF STELL	PEMB	PRE-ENGINEERED METAL BUILDING		8" CONCRETE WALL, UN
&C	COMPONENTS AND CLADDING	PJP	PARTIAL JOINT PENETRATION		,
FS	COLD-FORMED STEEL	PL	PLATE		STEEL STUD WALL, UNC
iP	CAST-IN-PLACE	PLF	POUNDS PER LINEAR FOOT		
;J	CONTROL JOINT	PREFAB	PREFABRICATED		WOOD STUD WALL, UNC
JP	COMPLETE JOINT PENETRATION	PSF	POUNDS PER SQUARE FOOT		,
CL	CENTERLINE	PSI PT	POUNDS PER SQUARE INCH POINT	SW	001 = ====
LR	CLEAR				COLD-FORMED STEEL
CMU	CONCRETE MASONRY UNIT	QA QC	QUALITY ASSURANCE QUALITY CONTROL		SHEAR WALL SYMBOL
OL	COLUMN	R	RADIUS		
OMP	COMPRESSIVE	REINF	REINFORCED/REINFORCING	SW	
CONC	CONCRETE	RT	RADIOGRAPHIC TESTING		WOOD SHEAR WALL SYMBOL
ONN	CONNECTION	SC	SLIP CRITICAL		STIVIDOL
ONT	CONTINUOUS	SCH	SCHEDULE	0144 (01 011)	
RSI	CONCRETE REINFORCING STEEL INSTITUTE	SDI	STEEL DECK INSTITUTE	SW (6'-0")	SHEAR WALL CALLOUT
EΤ	DETAIL	SEC	SECOND		WITH INDICATED LENGT
)F	DOUGLAS-FIR	SECT	SECTION	1	
)IA	DIAMETER	SF	SQUARE FOOT		BEARING WALL LINE
DIM(S)	DIMENSION(S)	SHT	SHEET		DEARING WALL LINE
)L	DEAD LOAD	SIM	SIMILAR	<b>⋖</b> CJ	WALL CONTROL JOINT
ON .	DOWN	SIP	STRUCTURAL INSULATED PANEL		
DWG(S)	DRAWING(S)	SLH	SHORT LEG HORIZONTAL	HDU2	HOLDOWN (LOADING IN KIPS)
ΞΑ	EACH	SLRS	SEISMIC LOAD RESISTING SYSTEM	<b>√</b> 1.8K	(LOADING IN KIPS)
ΞJ	EXPANSION JOINT	SLV	SHORT LEG VERTICAL	◄──	DIRECTION OF SLOPE
ΕQ	EQUAL	SOG	SLAB ON GRADE	777777	CHANGE IN ELEVATION
QUIP	EQUIPMENT	SP	SPACE	7/////	OR SLAB DEPRESSION
SR	EVALUATION SERVICE REPORT	SPF	SPRUCE-PINE-FIR		RIGID (MOMENT)
W	EACH WAY	SQ SS	SQUARE STAINLESS STEEL		CONNÈCTION
FE	FINISHED FLOOR ELEVATION			<b>———</b>	BEAM SPLICE
PSF	FROST PROTECTED SHALLOW	STD	STANDARD STIFFENER		
.0	FOUNDATION	STIFF STL	STEEL	<del>(15")</del>	CIRCULAR OPENING IN
S <del>T</del>	FROST SUSCEPTIBLE	STR	STRUCTURAL	(10)	BEAM
TC	FOOTING	SUP	SUPPORT	(15")	RECTANGULAR OPENING
TG	FOOTING	SYM	SYMMETRICAL	(10)	IN BEAM WEB
SALV	GAUGE	T&B	TOP AND BOTTOM		BRACED FRAME MEMBE
GALV SR	GALVANIZED GRADE BEAM	TG	TRUSS GIRDER		NUMBER OF HEADED
SB SLB	GRADE BEAM GLUE-LAMINATED BEAM	THK	THICK OR THICKNESS	(12)	STUDS ON COMPOSITE
3LB BP	GUSSET PLATE	THRD	THREADED		STEEL BEAM
SR	GRADE	TL	TOTAL LOAD	<-2 1/2">	TOP OF STEEL ELEVATION OF STEEL
SSN	GENERAL STRUCTURAL NOTES	TOB	TOP OF BEAM	~L 11L /	DECK ELEVATION
iF	HEM-FIR	TOC	TOP OF CONCRETE	[D]	DROPPED BEAM
" IOR	HORIZONTAL	TOD	TOP OF DECK		PUOLI ED DEVIN
IS	HIGH STRENGTH	TOF	TOP OF FOUNDATION	[F]	FLUSH BEAM
ISS	HOLLOW STRUCTURAL SECTION	TOM	TOP OF MASONRY		INDICATES NUMBER OF
3C	INTERNATIONAL BUILDING CODE	TOP	TOP OF PLATE	<u> </u>	ROWS OF BOLTS AT
CC	INTERNATIONAL CODE COUNCIL	TOS	TOP OF STEEL		CONNECTION IF MORE THAN ONE ROW OF BOL
CF	INSULATED CONCRETE FORM	TOW	TOP OF WALL		OCCURS
EBC	INTERNATIONAL EXISTING BUILDING	TRANS	TRANSVERSE	(c=1/2")	BEAM CAMBER SIZE
	CODE	TYP	TYPICAL	(0-1/2)	DEL VINI OCVINIDE IZ OVER
N <del>-</del>	INCH	UNO	UNLESS NOTED OTHERWISE		SPOT ELEVATION
T ,	JOINT	UT	ULTRASONIC TESTING	<b>Q</b>	CENTER LINE
	KIP (1000 POUNDS)	VERT	VERTICAL VERCO SIDELAR CONNECTION		OCIVILIA CIINC
(SI	KIPS PER SQUARE INCH	VSC2	VERCO SIDELAP CONNECTION	Ø	DIAMETER
BS	POUNDS	W/	WITH		OPENING
L	LIVE LOAD LONG LEG HORIZONTAL	W/C W/O	WATER-TO-CEMENT WITHOUT		OI LINING
l Li	LUNG LEG TUKIZUNTAL	VV/U	VVIIIIOUI	I I	MECHANICAL EQUIPMEN
		\/\/P	WORKING POINT		MEGINATONE EQUIT MEI
_LH _LV _ONG	LONG LEG VERTICAL LONGITUDINAL	WP WPS('S)	WORKING POINT WELDING PROCEDURE SPECIFICATION(S)		SPAN DIRECTION

WWF WELDED WIRE FABRIC

REVISION SYMBOL

LOAD AND RESISTANCE FACTOR DESIGN

LAMINATED STRAND LUMBER

DEGION CODES	ND OTANDAD											
DESIGN CODES A												
			LOCAL AMENDMEN									
			UILDINGS AND OTH									
			OR STRUCTURAL CO									
			OR WOOD CONSTR									
		ROVISIONS FO	R WIND AND SEISM	1IC								
RISK CATEGORY												
DESIGN DEAD LO	ADS	,										
LOCAT	ION	UNIFORM	CONCENTRATED	REM	V B K S							
LOOAT	1014	PSF	LBS	REMARKS								
ROOFS, UNO		15										
FLOORS, UNO		30		INCLUDES PARTITIONS								
EXTERIOR WALLS,	UNO	15		-								
DESIGN LIVE LOA	NDS											
LOCAT	IONI	UNIFORM	CONCENTRATED	DEM	A DIZC							
LOCATION		PSF	LBS	REMARKS								
ROOFS, UNO		20**		-								
FLOORS, UNO		40*	2,000									
LOBBIES & FIRST F	FLOOR	100*	2,000									
COORIDORS		100	۷,000									
STAIRS		100	300		<b></b>							
LIGHT STORAGE		125			<b></b>							
*REDUCIBLE												
**SNOW LOADS GO	OVERN											
<b>DESIGN SNOW LO</b>	DADS											
GROUND SNOW LO	DAD, Pg				50 PSF							
SNOW IMPORTANC					1.0							
SNOW EXPOSURE	FACTOR, Ce				1.0							
SNOW THERMAL F	SNOW THERMAL FACTOR, Ct (WARM)  1.0											
SNOW THERMAL F	ACTOR, Ct (COL	_D)			1.2							
FLAT-ROOF SNOW	LOAD, Pf (WAR	M)			40 PSF							
FLAT-ROOF SNOW	LOAD, Pf (COLI	O)			42 PSF							
SNOW DRIFT LOAD	)				PER PLANS							
SNOW DRIFT WIDT	Ή				PER PLANS							
<b>DESIGN WIND LO</b>	ADS											
<b>ULTIMATE WIND S</b>	PEED, Vult				130 MPH							
NOMINAL WIND SF	EED, Vasd				101 MPH							
WIND EXPOSURE					В							
INTERNAL PRESSU	JRE COEFFICIE	NT			±0.18							
C&C EDGE AND CO	ORNER DISTANC	CE, "a"			6.5 FT							
C&C PRESSURES	(ULTIMATE):											
LOCATION	REGION	ZONE	10 SQFT***	100 SQFT***	500 SQFT***							
	INTERIOR	1	-49.7 / 12.7	-38.8 / 10.1	-31.2 / 10.1							
ROOF	EDGE	2	-65.6 / 12.7	-51.6 / 10.1	-41.8 / 10.1							
	CORNER	3	-89.4 / 12.7	-61.4 / 10.1	-41.8 / 10.1							
10/01/1	INTERIOR	4	-31.0 / 28.6	-26.8 / 24.4	-23.8 / 21.4							
WALL	CORNER	5	-38.1 / 28.6	-29.7 / 24.4	-23.8 / 21.4							
***VALUES MAY BE					1							
DESIGN SEISMIC		·-										
SEISMIC IMPORTA		<u> </u>			1.00							
SITE CLASS					D							
	N RESPONSE S	Ss / S1			1.50g / 0.68g							
	MAPPED SPECTRAL RESPONSE, Ss / S1 1.50g / 0.68g DESIGN SPECTRAL RESPONSE, SDS / SD1 1.00g / 0.68g											
MAPPED SPECTRA		ועס / סטו	SEISMIC DESIGN CATEGORY									
MAPPED SPECTRA DESIGN SPECTRA	L RESPONSE, S	ו עפ / פע			SEISMIC FORCE RESISTING SYSTEM WOOD STRUCTURAL PANEL SHEAR WALLS							
MAPPED SPECTRA DESIGN SPECTRA SEISMIC DESIGN O	L RESPONSE, S CATEGORY		WOOD !	STRUCTURAL PAN	IEL SHEAR WALLS							
MAPPED SPECTRA DESIGN SPECTRA SEISMIC DESIGN (	L RESPONSE, S CATEGORY ESISTING SYST		WOOD		IEL SHEAR WALLS							
MAPPED SPECTRA DESIGN SPECTRA SEISMIC DESIGN O SEISMIC FORCE R ANALYSIS PROCEI	L RESPONSE, S CATEGORY ESISTING SYST DURE	EM	WOOD		ΓLATERAL FORCE							
MAPPED SPECTRA DESIGN SPECTRA SEISMIC DESIGN O SEISMIC FORCE R ANALYSIS PROCEI RESPONSE MODIF	L RESPONSE, S CATEGORY ESISTING SYST DURE ICATION COEFF	EM FICIENT, R	WOOD S		FLATERAL FORCE 6.5							
MAPPED SPECTRA DESIGN SPECTRA SEISMIC DESIGN O SEISMIC FORCE R ANALYSIS PROCEI RESPONSE MODIF SEISMIC RESPONS	L RESPONSE, S CATEGORY ESISTING SYST DURE ICATION COEFF SE COEFFICIEN	EM FICIENT, R	WOOD		FLATERAL FORCE 6.5 0.154							
MAPPED SPECTRADESIGN SPECTRASEISMIC DESIGN CONTRACTOR SEISMIC FORCE RANALYSIS PROCEIRESPONSE MODIFUSEISMIC RESPONSEISMIC RESPONS	L RESPONSE, S CATEGORY ESISTING SYST DURE ICATION COEFF SE COEFFICIEN	EM FICIENT, R	WOOD		FLATERAL FORCE 6.5 0.154							
MAPPED SPECTRA DESIGN SPECTRA SEISMIC DESIGN O SEISMIC FORCE R ANALYSIS PROCEI RESPONSE MODIF SEISMIC RESPONS DESIGN BASE SHE EARTHWORK	L RESPONSE, S CATEGORY ESISTING SYST DURE ICATION COEFF SE COEFFICIENT EAR (NOMINAL)	EM FICIENT, R Γ, Cs	WOOD		T LATERAL FORCE 6.5 0.154 158 K							
MAPPED SPECTRA DESIGN SPECTRA SEISMIC DESIGN O SEISMIC FORCE R ANALYSIS PROCEI RESPONSE MODIF SEISMIC RESPONS DESIGN BASE SHE EARTHWORK ALLOWABLE BEAR	L RESPONSE, S CATEGORY ESISTING SYST DURE ICATION COEFF SE COEFFICIEN EAR (NOMINAL) ING PRESSURE	EM FICIENT, R Γ, Cs	WOODS		1 LATERAL FORCE 6.5 0.154 158 K 4,000 PSF							
MAPPED SPECTRADESIGN SPECTRASEISMIC DESIGN CONTROL OF SEISMIC FORCE RESPONSE MODIF SEISMIC RESPONSEISMIC RESPONSEI	L RESPONSE, S CATEGORY ESISTING SYST DURE CICATION COEFF SE COEFFICIENT EAR (NOMINAL) ING PRESSURE R SHORT-TERM	EM FICIENT, R Γ, Cs	WOODS		1 LATERAL FORCE 6.5 0.154 158 K 4,000 PSF YES							
MAPPED SPECTRADESIGN SPECTRASEISMIC DESIGN CONTROL OF SEISMIC FORCE RESPONSE MODIFUSEISMIC RESPONSEISMIC RESPONSEI	L RESPONSE, S CATEGORY ESISTING SYST DURE ICATION COEFF SE COEFFICIENT EAR (NOMINAL) ING PRESSURE R SHORT-TERM ESSURE	EM FICIENT, R Γ, Cs	WOODS		4,000 PSF YES 35 PSF/FT							
MAPPED SPECTRADESIGN SPECTRASEISMIC DESIGN CONTROL OF SEISMIC FORCE RESPONSE MODIF SEISMIC RESPONSE MODIF SEISMIC RESPONSE SHEEARTHWORK ALLOWABLE BEAR 1/3 INCREASE FOR ACTIVE EARTH PRAT REST	L RESPONSE, S CATEGORY ESISTING SYST DURE CICATION COEFF SE COEFFICIENT EAR (NOMINAL) ING PRESSURE SHORT-TERM ESSURE RESSURE	EM FICIENT, R Γ, Cs	WOODS		4,000 PSF YES 35 PSF/FT 55 PSF/FT							
MAPPED SPECTRADESIGN SPECTRASEISMIC DESIGN CONTROL SEISMIC FORCE RESPONSE MODIFUSEISMIC RESPONSEISMIC RESPONSEIT DESIGN BASE SHEET FOR ACTIVE EARTH PRASSIVE EARTH PRA	L RESPONSE, S CATEGORY ESISTING SYST DURE CICATION COEFF SE COEFFICIEN CAR (NOMINAL)  ING PRESSURE R SHORT-TERM ESSURE RESSURE RESSURE	EM FICIENT, R Γ, Cs	WOODS		4,000 PSF YES 35 PSF/FT 440 PSF/FT							
MAPPED SPECTRADESIGN SPECTRASEISMIC DESIGN CONTROL SEISMIC FORCE RESPONSE MODIF SEISMIC RESPONSE MODIF SEISMIC RESPONSE SEISM	L RESPONSE, S CATEGORY ESISTING SYST DURE CICATION COEFF SE COEFFICIENT EAR (NOMINAL)  ING PRESSURE RESSURE RESSURE RESSURE RESSURE RESSURE	EM FICIENT, R Γ, Cs E LOADS			4,000 PSF YES 35 PSF/FT							
MAPPED SPECTRA DESIGN SPECTRA SEISMIC DESIGN O SEISMIC FORCE R ANALYSIS PROCEI RESPONSE MODIF SEISMIC RESPONS DESIGN BASE SHE EARTHWORK ALLOWABLE BEAR 1/3 INCREASE FOR ACTIVE EARTH PR AT REST EARTH PR PASSIVE EARTH P COEFFICIENT OF F MIN FOOTING DEP	L RESPONSE, S CATEGORY ESISTING SYST DURE CICATION COEFF SE COEFFICIENT EAR (NOMINAL)  ING PRESSURE RESSURE RESSURE RESSURE RESSURE RESSURE	EM FICIENT, R Γ, Cs E LOADS			4,000 PSF YES 35 PSF/FT 440 PSF/FT 0.4							
MAPPED SPECTRA DESIGN SPECTRA SEISMIC DESIGN O SEISMIC FORCE R ANALYSIS PROCEI RESPONSE MODIF SEISMIC RESPONS DESIGN BASE SHE EARTHWORK ALLOWABLE BEAR 1/3 INCREASE FOR ACTIVE EARTH PR AT REST EARTH PR PASSIVE EARTH P COEFFICIENT OF F MIN FOOTING DEP HEATED	L RESPONSE, S CATEGORY ESISTING SYST DURE ICATION COEFF SE COEFFICIENT EAR (NOMINAL) ING PRESSURE RESSURE RESSURE RESSURE RESSURE RESSURE RESSURE RESSURE RESSURE RESSURE TH BELOW FINIS	EM FICIENT, R Γ, Cs E LOADS			4,000 PSF YES 35 PSF/FT 440 PSF/FT 0.4							
MAPPED SPECTRA DESIGN SPECTRA SEISMIC DESIGN O SEISMIC FORCE R ANALYSIS PROCEI RESPONSE MODIF SEISMIC RESPONS DESIGN BASE SHE EARTHWORK ALLOWABLE BEAR 1/3 INCREASE FOR ACTIVE EARTH PR AT REST EARTH PR PASSIVE EARTH P COEFFICIENT OF F MIN FOOTING DEP HEATED UNHEATED	L RESPONSE, S CATEGORY ESISTING SYST DURE CICATION COEFF SE COEFFICIENT EAR (NOMINAL)  ING PRESSURE RESSURE RESSURE RESSURE RESSURE RESSURE	EM FICIENT, R Γ, Cs E LOADS			4,000 PSF YES 35 PSF/FT 440 PSF/FT 0.4							

**DESIGN CRITERIA** 

	MATERI	ALS & STF	RENGTH	
CONCRETE				
	MIN COMP	MAX W/C	AID ENTRAINMENT	CLUMD
ITEMS	STRENGTH	RATIO	AIR ENTRAINMENT	SLUMP
EXTERIOR CONCRETE	4,000 PSI	0.45	6%, ±1%	1 - 3 IN
FOUNDATIONS	3,000 PSI	0.50	5%, ±1%	1 - 3 IN
SLAB ON GRADE	4,000 PSI	0.45		1 - 4 IN
STRUCTURAL STEEL ITEMS	ASTM	GRADE	MIN YIELD STRESS, Fy	REMARKS
WIDE-FLANGE	A992	GRADE 	50 KSI	NEIVIANNO
SQUARE HSS	A500	С	50 KSI	
PLATES, UNO	A36		36 KSI	
BASE PLATES	A572		50 KSI	
THREADED RODS	A36		36 KSI	
COMMON BOLTS	A307	A		
HIGH STRENGTH BOLTS	A325			
WASHERS NUTS	F436 A563			
ANCHOR RODS	F1554	55		
NON-SHRINK GROUT	F133 <del>4</del>			
	MIN COMP			
ITEMS	STRENGTH		PRODUCT	SLUMP
DRYPACK	5,000 PSI	FIVE STAR,	SIKA 212 OR EQUIVALENT	
REINFORCING STEEL				
ITEMS	ASTM	GRADE	MIN YIELD STRESS, Fy	REMARKS
REBAR, #3	A615	40	40 KSI	
REBAR, #4 - #9	A615	60	60 KSI	
WOOD	0175	ODEOJEO	CDADE	CDACINO
ITEMS	SIZE 2x4	SPECIES HF	GRADE STUD	SPACING PER PLANS
STUDS	2x6 OR LARGER	HF	#2	PER PLANS
	2x6 OR LARGER	HF	#2 STUD	PER PLAINS
JOISTS	2x6 OR LARGER	HF	#2	
	2x4	HF	#2	
POSTS	6x6 OR LARGER	DF	#1	
BEAMS		DF	#2	
LINTELS		DF	#2	
LEDGERS		DF	#2	
PLATES		DF	#2	
BLOCKING		HF	#2	
ENGINEERED LUMBER				
ITEMS	TYP	E	MANUFACTURER	REMARKS
LAMINATED VENEER	VERSA-LAM 2.1	E 3100 WEST	BOISE CASCADE OR APPROVED EQUIVALENT	ICC ESR-104
LUMBER (BEAMS)  LAMINATED VENEER			BOISE CASCADE OR	
LUMBER (STUDS)	VERSA-STUI	D 1.7 2400	APPROVED EQUIVALENT	ICC ESR-104
RIMBOARD/FLOOR			BOISE CASCADE OR	
BLOCKING	1-5/16" VERSA-	LAM 1.5 1800	APPROVED EQUIVALENT	ICC ESR-104
			BOISE CASCADE OR	
I-SERIES JOISTS	PER PL	.ANS	APPROVED EQUIVALENT	
GLUED-LAMINATED	24F-V4 (SINGLE SPAN)		BOISE CASCADE OR	
BEAM	24F-V8 (CAN		APPROVED EQUIVALENT	
PLYWOOD SHEATHING	,	·		
ITEMO	THICKNESS	SPAN/INDEX	EDGE ATTACHMENT	FIELD
ITEMS	ITIONNESS	RATIO	EDGE ATTACHMENT	ATTACHMEN
ROOF	5/8"	32/16	10d AT 6" OC	10d AT 12" O
FLOOR*	3/4" T&G	48/24	10d AT 6" OC	10d AT 10" O
WALL**	7/16"	24/0	8d AT 6" OC	8d AT 12" OC
			NG WITH AN APA AFG-01 QUA	
		OULE FOR SHEA	ATHING THICKNESS AND ATT	ACHMENT.
POST INSTALLED ANCH		COMMECTOR	DDODUOT	DEMARKS
ITEMS	BASE MATERIAL	CONNECTOR	PRODUCT	REMARKS
			HIT-HY 200-R ADHESIVE (HILTI)	ICC ESR-318
			HIT-RE 500 V3 ADHESIVE	
		THREADED	(HILTI)	ICC ESR-381
			AC200+ ADHESIVE	
			(DEWALT)	ICC ESR-402
5D0)0/ 11/2::2-	00110===	THREADED	(DEVVALI)	i
EPOXY ANCHOR	CONCRETE	THREADED ROD	PURE110+ ADHESIVE	100 505 555
EPOXY ANCHOR	CONCRETE		,	ICC ESR-329
EPOXY ANCHOR	CONCRETE		PURE110+ ADHESIVE	
EPOXY ANCHOR	CONCRETE		PURE110+ ADHESIVE (DEWALT)	
EPOXY ANCHOR	CONCRETE		PURE110+ ADHESIVE (DEWALT) EPCON G5 ADHESIVE (ITW RED HEAD) SET-XP ADHESIVE	ICC ESR-329
EPOXY ANCHOR	CONCRETE		PURE110+ ADHESIVE (DEWALT) EPCON G5 ADHESIVE (ITW RED HEAD) SET-XP ADHESIVE (SIMPSON)	ICC ESR-113
EPOXY ANCHOR	CONCRETE		PURE110+ ADHESIVE (DEWALT)  EPCON G5 ADHESIVE (ITW RED HEAD)  SET-XP ADHESIVE (SIMPSON)  KWIK BOLT TZ (HILTI)	
		ROD	PURE110+ ADHESIVE (DEWALT)  EPCON G5 ADHESIVE (ITW RED HEAD)  SET-XP ADHESIVE (SIMPSON)  KWIK BOLT TZ (HILTI)  POWER-STUD+ SD2	ICC ESR-113 ICC ESR-250 ICC ESR-191
EPOXY ANCHOR  EXPANSION ANCHOR	CONCRETE	ROD	PURE110+ ADHESIVE (DEWALT)  EPCON G5 ADHESIVE (ITW RED HEAD)  SET-XP ADHESIVE (SIMPSON)  KWIK BOLT TZ (HILTI)	ICC ESR-113 ICC ESR-250 ICC ESR-193 ICC ESR-250

CONCRETE

SCREW ANCHOR



CERTIFICATE OF AUTHORIZATION NO: SPARK DESIGN, LLC #AECL1394

3940 ARCTIC BLVD.
SUITE 300
ANCHORAGE, ALASKA
ANCHORAGE, ALASKA
99503
PHONE: (907) 562-3252
#AECL882-AK

NEERING GROUP

COOK INLET HOUSING AUTHORITY
BREWSTERS MULTI-FAMILY HOUSING
ANCHORAGE, ALASKA

DESCRIPTION DATE

REVISION SCHEDULE

 JOB NO.
 77006.00

 DATE
 2023.03.08

 DRAWN
 MEH

 REVIEWED
 JDK

SHEET NAME STRUCTURAL GENERAL INFORMATION

SHEET NO. **S0.01** 

TRUBOLT+ (ITW RED HEAD) ICC ESR-2427 STRONG-BOLT 2 (SIMPSON) ICC ESR-3037

KWIK HUS-EZ (HILTI) ICC ESR-3027

SCREW-BOLT+ (DEWALT) ICC ESR-3889
TITEN HD (SIMPSON) ICC ESR-2713

DRAWINGS INDICATE STRUCTURE IN FINAL FORM CAPABLE OF SUPPORTING DESIGN LOADS. PROVIDE TEMPORARY SUPPORT DURING CONSTRUCTION AS REQUIRED, UNTIL STRUCTURAL ELEMENTS ARE PERMANENTLY INSTALLED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND THE METHODS, TECHNIQUES AND SEQUENCES OF PROCEDURES REQUIRED TO PERFORM THE WORK.

THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND THE STRUCTURAL ENGINEER IN WRITING OF ANY CONDITION WHICH IN THEIR OPINION MAY ENDANGER THE STABILITY OF THE STRUCTURE OR DISTRESS THE STRUCTURE.

CONSTRUCTION MATERIALS SHALL BE DISTRIBUTED APPROPRIATELY IF PLACED ON FRAMED CONSTRUCTION. LOADS SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT.

DO NOT SCALE DRAWINGS.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND SITE CONDITIONS BEFORE STARTING WORK. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER IN WRITING OF ANY DISCREPANCIES

COORDINATE DIMENSIONS, OPENINGS, EMBEDDED ITEMS AND CONDITIONS WITH ARCHITECTURAL, CIVIL, MECHANICAL AND ELECTRICAL CONTRACT DOCUMENTS AND TRADES PRIOR TO CONSTRUCTION. NOT ALL ITEMS ARE INDICATED ON STRUCTURAL CONTRACT DOCUMENTS. NOTIFY STRUCTURAL ENGINEER IN WRITING OF ANY AND ALL DISCREPANCIES.

ALL DETAILS ARE TYPICAL. INCORPORATE INTO PROJECT AT APPROPRIATE LOCATIONS WHETHER SPECIFICALLY INDICATED OR NOT.

SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. WHERE THE NOTES, DRAWINGS, AND/OR SPECIFICATIONS DIFFER, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.

REFER TO ARCHITECTURAL AND CIVIL DRAWINGS FOR EXTERIOR SLABS AND WALLS.

NOTIFY STRUCTURAL ENGINEER OF ALL FIELD CHANGES PRIOR TO INSTALLATION.

THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF RED-LINE DRAWINGS ON SITE REFLECTING ALL DESIGN CHANGES TO THE ORIGINAL CONTRACT DOCUMENTS.

#### FOUNDATIONS AND EARTHWORK

REFERENCE GEOTECHNICAL REPORT NO. 6509-22, BY NORTHERN GEOTECHNICAL ENGINEERING, INC. DATED NOVEMBER 2022 FOR FOUNDATION AND EXCAVATION INFORMATION.

REMOVE TOPSOIL, ORGANIC MATERIAL AND DEBRIS FROM BUILDING FOOTPRINT.

FOOTINGS AND SLABS ON GRADE SHALL BEAR ON ENGINEERED SOIL PER CIVIL DRAWINGS.

SCARIFY SUBGRADE AND RECOMPACT TOP 6" OF SOIL BENEATH ENGINEERED SOIL.

SOIL COMPACTION REQUIREMENTS:

**BELOW FOOTINGS** 95% 95% BELOW SLABS AND PAVEMENT UNPAVED AREAS 90%

MAXIMUM LIFT 8" LOOSE DEPTH

DO NOT EXCEED 1'-0" DIFFERENTIAL IN FILL LEVEL ON OPPOSITE SIDES OF FOUNDATION

PROVIDE WATERPROOFING ON ALL EXTERIOR SURFACES AS SPECIFIED IN THE ARCHITECTURAL CONTRACT DOCUMENTS.

PROVIDE POSITIVE DRAINAGE SLOPES, BOTH DURING AND AFTER CONSTRUCTION, FOR SURFACE AND ROOF RUNOFF, MINIMUM 10'-0" FROM BUILDING FOUNDATIONS.

ALL CONTINUOUS FOOTINGS SHALL BE CENTERED ON THE WALL UNO. ALL SPREAD FOOTINGS ARE CENTERED ON COLUMNS OR GRIDS UNO.

FROST PROTECTED SHALLOW FOUNDATIONS (FPSF) RIGID INSULATION SHALL BE EXTRUDED POLYSTYRENE WITH A MINIMUM COMPRESSIVE STRENGTH OF 40 PSI AT NO MORE THAN 5% STRAIN AND A MAXIMUM MATER ABSORPTION OF 0.3 PERCENT BY VOLUME. HORIZONTAL INSULATION SHALL BE AT LEAST TWO LAYERS WITH EDGES FIRMLY BUTTED AND JOINTS STAGGERED BETWEEN LAYERS.

THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR ANY GEOTECHNICAL ASPECTS OF THIS PROJECT. THE OWNER SHALL EMPLOY A REGISTERED GEOTECHNICAL ENGINEER TO PERFORM NECESSARY EARTHWORK INSPECTIONS, TESTING AND QUALITY CONTROL, AS REQUIRED.

#### REINFORCED CAST IN PLACE CONCRETE

DETAILING PER APPLICABLE ACI DETAILING MANUAL, UNO.

SIZE, SPACING AND MINIMUM LAP SPLICES OF REINFORCING STEEL SHALL BE PROVIDED AS SHOWN IN CONTRACT DOCUMENTS.

REINFORCEMENT SPACINGS INDICATED ON THE DRAWINGS AND DETAILS ARE GIVEN AS A MAXIMUM ON CENTER.

CONTRACTOR SHALL ACCURATELY PLACE, LOCATE, SECURE AND/OR SUPPORT ALL REINFORCING BARS, ANCHOR BOLTS/RODS, AND EMBEDDED ITEMS PRIOR TO PLACING CONCRETE. CONTRACTOR SHALL USE GALVANIZED METAL CHAIRS, SPACERS, DOBIES OR HANGERS FOR THE CLEAR CONCRETE COVERAGES.

MINIMUM CONCRETE COVER, UNO:

CONCRETE EXPOSED TO EARTH OR WEATHER:

CONCRETE CAST AGAINST AND EXPOSED TO EARTH: 3"

1-1/2" (#5 AND SMALLER) 2" (#6 AND LARGER)

SLABS AND WALLS: 3/4" (#11 AND SMALLER)

TACK WELDING OF REINFORCING BARS SHALL NOT BE ALLOWED WITHOUT PRIOR REVIEW OF THE PROCEDURE WITH THE STRUCTURAL ENGINEER.

SPLICE HORIZONTAL REINFORCING AT CORNERS AND INTERSECTIONS. PROVIDE (1) VERTICAL BAR (MATCH VERTICAL WALL REINFORCING SIZE) AT ALL WALL CORNERS, INTERSECTIONS AND ENDS, UNO.

FABRICATE SLEEVES FOR UTILITY LINES THROUGH BEAMS AND ELEVATED SLABS WITH STANDARD WEIGHT STEEL PIPE, UNO. NO LONGITUDINAL SLEEVES PERMITTED THROUGH BEAMS OR COLUMNS.

PLACE ELECTRICAL CONDUIT NEAR THE CENTER OF SLAB AND WALLS.

REINFORCING HOOPS SHALL BE PROVIDED WITH CLASS B BAR LAPS REQUIRED FOR THE SPECIFIC BAR SIZE.

CHAMFER EXPOSED CORNERS 3/4" UNO.

WATERSTOPS TO BE INSTALLED AT JOINTS BELOW GRADE AT EXTERIOR BASEMENT WALLS.

DO NOT DROP CONCRETE MORE THAN FIVE FEET WITHOUT THE USE OF TREMIES.

MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED.

ALL CONCRETE SLABS ON GRADE SHALL BE BOUND BY CONTROL JOINTS (KEYED OR SAW CUT), SUCH THAT THE JOINT SPACING DOES NOT EXCEED 36 TIMES THE SLAB THICKNESS AND THE ASPECT RATIO OF THE ENCLOSED AREA DOES NOT EXCEED 1.5 TO 1.0. SAW CUTS SHALL BE 1/8" WIDE AND 1/4 TIMES THE SLAB THICKNESS IN DEPTH.

#### STRUCTURAL STEEL

ALL STRUCTURAL STEEL CONSTRUCTION SHALL CONFORM WITH APPLICABLE AISC

BEAMS, COLUMNS AND BRACES SHALL NOT BE SPLICED WITHOUT THE PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.

CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ERECTION AIDS INCLUDING ERECTION ANGLES AND LIFT HOLES.

ALL BEAMS SHALL BE ERECTED WITH NATURAL OR INDUCED CAMBER UPWARDS. CAMBER INDICATED ON CONTRACT DOCUMENT SHALL BE DELIVERED TO THE JOB SITE. CONTRACTOR SHALL CONSIDER CAMBER LOSS DUE TO SHIPPING AND HANDLING.

ALL STEEL TO STEEL BOLTED CONNECTIONS SHALL BE WITH HIGH STRENGTH BOLTS, UNO. MIN OF (2) BOLTS PER CONNECTION.

ALL STRUCTURAL STEEL SHALL BE SURFACE PREPARED AND SHOP PAINTED AS NOTED. SURFACE PREPARATION SHALL CONFORM TO SSPC SP-3 POWER TOOL CLEANING TO REMOVE ALL SCALE AND RUST. SHOP PAINT SHALL BE SSPC PAINT 25, ALKYD PRIMER, GRAY COLOR, APPLIED TO A MINIMUM DRY THICKNESS OF 2 MILS. NO PAINT ON SURFACES EMBEDDED IN CONCRETE, SURFACES TO RECEIVE SPRAYED ON FIRE PROOFINGS, FAYING AREAS OF SLIP-CRITICAL HIGH STRENGTH BOLTED CONNECTIONS OR WITHIN 2 INCHES OF FIELD WELDING. STRUCTURAL STEEL EXPOSED TO WEATHER IN FINISHED WORK SHALL BE HOT-DIP GALVANIZED.

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE PIECE MARKS, ERECTION PLANS SHOWING BEAM SIZES AND DETAILS WITH CORRESPONDING CONTRACTOR DOCUMENT INDICATORS. SHOP DRAWINGS SHALL MAKE A DISTINCTION BETWEEN SHOP WELDS AND FIELD WELDS.

#### STRUCTURAL STEEL WELDING

ALL STRUCTURAL WELDING SHALL BE PRE-QUALIFIED AND CONFORM TO AISC AND AWS SPECIFICATIONS.

ALL WELDING SHALL BE IN ACCORDANCE WITH THE APPLICABLE AWS CODE. USE E70 SERIES LOW HYDROGEN ELECTRODES STORED AND MAINTAINED IN DRY CONDITION.

ALL WELDING SHALL BE PERFORMED BY AWS CERTIFIED WELDERS HAVING CURRENT CERTIFICATES AND EXPERIENCE IN THE TYPE OF WELD BEING PERFORMED. WELDING CERTIFICATES SHALL BE THOSE ISSUED BY AN ACCEPTED TEST AGENCY.

STRUCTURAL CONSTRUCTION DRAWINGS DO NOT DISTINGUISH BETWEEN SHOP WELDS AND FIELD WELDS. THE CONTRACTOR SHALL COORDINATE WELDING DESIGNATIONS BETWEEN FABRICATOR AND ERECTOR. ALL STEEL SHOP DRAWINGS SHALL MAKE DISTINCTION BETWEEN SHOP WELDS AND FIELD WELDS.

#### **NON-SHRINK GROUT**

DRY-PACK NON-SHRINK GROUT SHALL BE INSTALLED UNDER BEARING PLATES BEFORE FRAMING MEMBERS ARE INSTALLED. AT COLUMNS, CONTRACTOR SHALL INSTALL DRY-PACK UNDER BASE PLATES AFTER COLUMN HAS BEEN PLUMBED BUT PRIOR TO FLOOR OR ROOF INSTALLATION.

#### ROUGH CARPENTRY AND PLYWOOD

ALL FRAMING SHALL BE PROVIDED IN ACCORDANCE WITH IBC CHAPTER 23. FRAMING LUMBER SHALL COMPLY WITH THE APPLICABLE NDS CODE.

MAXIMUM MOISTURE CONTENT OF LUMBER SHALL NOT EXCEED 19 PERCENT.

ALL SAWN LUMBER SHALL BE STAMPED WITH THE GRADE MARK OF AN APPROVED LUMBER GRADING AGENCY.

ALL LUMBER IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESERVATIVE-TREATED WOOD STAMPED BY AN APPROVED AGENCY.

ALL PLYWOOD SHALL CONFORM TO PS-1 OR APA PRP-108, SHALL HAVE AN EXTERIOR OR EXPOSURE 1 CLASSIFICATION AND SHALL BEAR THE STAMP OF AN APPROVED TESTING AGENCY.

PLYWOOD SHALL BE INSTALLED WITH FACE GRAIN ORIENTED PERPENDICULAR TO SUPPORTS, STAGGER JOINTS, PLYWOOD NAILING SHALL BE PROVIDED ON ALL BOUNDARIES, EDGES AND INTERMEDIATE SUPPORTS.

ON ROOFS WHERE PLYWOOD IS LAID UP WITH FACE GRAIN PARALLEL TO SUPPORTS, USE A MINIMUM OF 5-PLY PLYWOOD.

METAL FRAMING CONNECTORS SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, INCORPORATED, OR OTHER APPROVED EQUIVALENT MANUFACTURER. ALL NAIL/SCREW HOLES IN CONNECTORS SHALL BE FILLED WITH NAILS/SCREWS OF THE LARGEST SIZE INDICATED IN THE MANUFACTURER'S CATALOG UNO.

METAL FRAMING CONNECTORS AND FASTENERS IN CONTACT WITH PRESERVATIVE-TREATED WOOD SHALL BE GALVANIZED OR STAINLESS STEEL

NAILING SHALL CONFORM TO TABLE 2304.9.1 OF THE IBC. ALL NAILS SHALL BE COMMON SIZE IN ACCORDANCE WITH ASTM F1667.

SILL PLATES SHALL HAVE 5/8" DIA ANCHOR PLACED AT ALL JAMBS, CORNERS INTERSECTIONS AND DISCONTINUOUS WALL ENDS, AND AT 48" OC MAX UNO (MINIMUM TWO ANCHORS PER PLATE SECTION).

#### **ENGINEERED LUMBER PRODUCTS**

I-SERIES FLOOR AND ROOF JOISTS SHALL BE BCI JOISTS MANUFACTURED BY BOISE CASCADE, OR APPROVED EQUIVALENT BY ANOTHER MANUFACTURER, AND SHALL CARRY ICC APPROVAL FOR THE COMPOSITE SECTION. BRIDGING, BLOCKING AND WEB STIFFENERS SHALL BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS. NAILING NOT OTHERWISE SPECIFIED SHALL BE PER THE MANUFACTURER'S INSTRUCTIONS.

#### **GLUED-LAMINATED BEAMS**

PROVIDE AITC STAMP ON TIMBER AND SUBMIT CERTIFICATE TO CONTRACTING OFFICER. MATERIALS MUST BE OBTAINED FROM AN AITC APPROVED FABRICATOR.

ALL GLUED-LAMINATED BEAMS SHALL FIT SNUG AND TIGHT IN THEIR CONNECTIONS AND DEVELOP FULL BEARING AS INDICATED.

GLUED-LAMINATED BEAM ADHESIVE TO BE "WET-USE" TYPE.

CAMBER AS SHOWN. IF NO CAMBER IS SPECIFIED, PROVIDE STANDARD CAMBER USING A RADIUS OF 3,500 FEET.

#### POST-INSTALLED ANCHORS

POST-INSTALLED ANCHOR EMBEDMENT SHALL BE PROVIDED AS SHOWN ON THE DRAWINGS. ALL POST-INSTALLED ANCHORS AND DOWELS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN RECOMMENDATIONS INCLUDING DRILL BIT SIZE, HOLE DEPTH AND CLEANING, MINIMUM EMBEDMENT, EDGE DISTANCES, MATERIAL PLACEMENT, TEMPERATURE AND MOISTURE CONTROL AND FINAL TORQUING REQUIREMENTS.

CONTRACTOR MAY NOT USE SUBSTITUTES FOR POST-INSTALLED ANCHORS WITHOUT PRIOR WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.

NO REINFORCING BARS SHALL BE CUT TO INSTALL ANCHORS. ALL DEFECTIVE ANCHOR HOLES SHALL BE GROUTED WITH EPOXY ADHESIVE AND A NEW HOLE DRILLED A MINIMUM OF (3) BOLT DIAMETERS AWAY.

POST-INSTALLED CONCRETE ANCHORS ARE NOT PERMITTED IN POST-TENSIONED CONCRETE SLABS UNO.

SPECIAL INSPECTION OF POST-INSTALLED ANCHORS IS REQUIRED.

#### **WOOD STAIRS**

WOOD STAIRS SHALL BE ASSEMBLED AND FABRICATED BY QUALIFIED CARPENTERS. ALL FRAMING PER IBC CHAPTER 23. MAXIMUM MOISTURE CONTENT SHALL NOT EXCEED 19%.

WOOD STAIR STRINGERS SHALL BE THE FOLLOWING MINIMUM SIZE AND SPECIES: SOLID SAWN WOOD STRINGERS: 2X12 HF #2

ENGINEERED WOOD STRINGERS: 1-3/4"X11-1/4" WITH MINIMUM F<sub>b</sub> = 2,800 PSI AND MINIMUM E = 2,000,000 PSI

ENGINEERED WOOD STRINGER MAXIMUM DIMENSIONS: MAXIMUM SPAN (AS MEASURED PARALLEL TO THE STRINGER PLANE) SHALL NOT EXCEED 9'-0". MAXIMUM NOTCH (AS MEASURED PERPENDICULAR TO THE STRINGER PLANE) SHALL NOT EXCEED 5-3/4". MAXIMUM SPACING SHALL NOT EXCEED 1'-0" ON CENTER (OR 2'-0" ON CENTER WITH DOUBLE INTERIOR

IF THE PROJECT CONDITIONS EXCEED THOSE ABOVE, AN ENGINEERED DESIGN COMPLYING WITH THE IBC SHALL BE SEALED BY A REGISTERED ALASKA ENGINEER AND SUBMITTED FOR REVIEW PRIOR TO ASSEMBLY.

FOR STAIR DIMENSIONS (INCLUDING RISE AND RUN) AND TREAD SURFACES SEE ARCHITECT CONTRACT DOCUMENTS.

#### STRUCTURAL SHOP DRAWINGS AND PRODUCT DATA SUBMITTALS

SUBMIT SHOP DRAWINGS AND/OR PRODUCT DATA FOR THE FOLLOWING ITEMS, PRIOR TO FABRICATION:

CONCRETE MATERIALS CONCRETE REINFORCING STEEL STRUCTURAL STEEL FRAMING **WOOD I-JOISTS** 

CONTRACTOR SHALL REVIEW AND STAMP SUBMITTALS PRIOR TO SUBMISSION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATERIALS PLACED PRIOR TO RECEIPT OF REVIEWED SHOP DRAWINGS. CONTRACTOR SHALL ALLOW A MINIMUM OF (10) WORKING DAYS FOR REVIEW.

CONTRACT DOCUMENTS SHALL NOT BE REPRODUCED FOR USE AS SHOP DRAWINGS. THE MANUFACTURER OR FABRICATOR SHALL CLOUD ANY CHANGES, SUBSTITUTIONS AND/OR DEVIATIONS FROM THE CONTRACT DOCUMENTS. ANY CHANGES, SUBSTITUTIONS AND/OR DEVIATIONS THAT ARE NOT CLOUDED OR FLAGGED SHALL NOT BE CONSIDERED ALLOWED AFTER THE ENGINEER'S REVIEW UNO.

THE ENGINEER'S REVIEW IS INTENDED ONLY AS AN AID TO THE CONTRACTOR IN OBTAINING CORRECT SHOP DRAWINGS. RESPONSIBILITY FOR CORRECTNESS AND COMPLETENESS SHALL REST WITH THE CONTRACTOR. SHOP DRAWINGS WILL BE RETURNED FOR RESUBMITTAL IF SIGNIFICANT ERRORS ARE FOUND DURING REVIEW.

THE SHOP DRAWINGS DO NOT REPLACE THE CONTRACT DOCUMENTS. SHOP DRAWINGS PROCESSED BY THE ENGINEER SHALL NOT BE CONSIDERED CHANGE ORDERS. ITEMS THAT ARE OMITTED OR SHOWN INCORRECTLY AND THAT ARE NOT FLAGGED BY THE ENGINEER ARE NOT TO BE CONSIDERED CHANGES TO CONTRACT DOCUMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONSTRUCT ITEMS ACCORDING TO THE CONTRACT DOCUMENTS. SHOULD A DISCREPANCY EXIST BETWEEN THE PROCESSED SHOP DRAWINGS AND THE CONTRACT DOCUMENTS, THE CONTRACT DOCUMENTS SHALL GOVERN.

THE ENGINEER RESERVES THE RIGHT TO MAKE CHANGES TO THE CONTRACT DOCUMENTS, AT ANY TIME BEFORE OR AFTER SHOP DRAWING REVIEW.

FOR HARD COPY SUBMITTALS, PROVIDE NO MORE THAN FOUR SETS FOR REVIEW (ONE COPY TO BE RETAINED BY THE ENGINEER OF RECORD). FOR ELECTRONIC SUBMITTALS. PROVIDE PDF FILES ONLY. ALL SUBMITTALS WITH A REQUESTED REVIEW TIME OF LESS THAN (10) WORKING DAYS MAY BE RETURNED WITHOUT REVIEW AT THE ENGINEER'S DISCRETION.

Joshua D. Knutson CE-163854 .03/17/2023

CERTIFICATE OF AUTHORIZATION NO SPARK DESIGN, LLC #AECL1394

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REVISION SCHEDULE DESCRIPTION

77006.00 JOB NO. DATE 2023.03.08 REVIEWED JDK

SHEET NAME GENERAL STRUCTURAL NOTES

SHEET NO.

S0.02