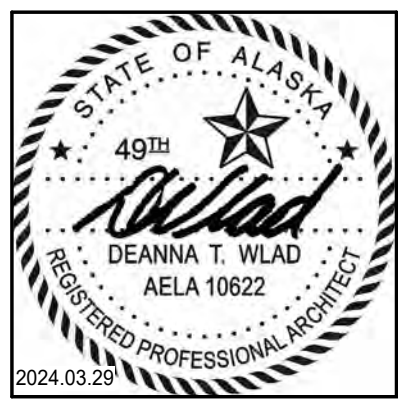


COLOR AND MATERIAL LEGEND

MARK	MATERIAL	MANUFACTURER	STYLE / PRODUCT	COLOR	SIZE	FINISH	NOTES
01 - EXTERIOR							
EP1	EXTERIOR PAINT - CEMENTITIOUS LAP SIDING	SHERWIN WILLIAMS	PAINTING SYSTEM AS RECOMMENDED BY MFR	RYEGRASS SW 6423			
EP2	EXTERIOR PAINT - METAL DOOR AND FRAME	SHERWIN WILLIAMS	1ST COAT: MACROPOXY 646 FAST CURE EPOXY MASTIC B58W600 SERIES. 2ND & 3RD COATS: HI-SOLIDS POLYURETHANE B65-300 SERIES	COLOR TO MATCH MP1. SUBMIT SAMPLES TO ARCHITECT FOR APPROVAL.			WHERE DOOR IS ADJACENT TO MP1
EP3	EXTERIOR PAINT - METAL DOOR AND FRAME	SHERWIN WILLIAMS	1ST COAT: MACROPOXY 646 FAST CURE EPOXY MASTIC B58W600 SERIES. 2ND & 3RD COATS: HI-SOLIDS POLYURETHANE B65-300 SERIES	HOMBURG GRAY SW 7622			WHERE DOOR IS ADJACENT TO (E) METAL PANEL
MP1	METAL PANEL	AEP SPAN	PS162 - BOX RIB SIDING	COOL METALIC COPPER	22GA		COLOR MATCHED EXPOSED FASTENERS AND COMPOSITE SHIMS, SPACING PER MFR RECOMMENDATIONS
WB1	WEATHER BARRIER	DUPONT - TYVEK	DRAINWRAP		10' ROLL		INCLUDE ALL DUPONT SELF-ADHERED FLASHING TAPE (3" MIN) AND FLUID APPLIED FLASHING PRODUCTS FOR A SEAMLESS AND WEATHERTIGHT INSTALLATION.
02 - CEILINGS							
ACT1	ACOUSTICAL CEILING TILE	ARMSTRONG	DUNE, SQUARE LAY-IN	WHITE	24" X 48"	--	EXISTING 15/16" GRID TO REMAIN
ACT2	ACOUSTICAL CEILING TILE	ARMSTRONG	ULTIMA HEALTH ZONE, SQUARE LAY-IN	WHITE	24" X 48"	--	EXISTING 15/16" GRID TO REMAIN
03 - WALLS							
HR1	HANDRAILS	EXISTING	--	--			CLEAR COAT FINISH
P1	PAINT (GENERAL)	SHERWIN WILLIAMS	HARMONY INTERIOR LATEX PAINT / ALL SURFACE ENAMEL	SNOWBOUND SW 7004			SAND AND REFINISH EXISTING WOOD HANDRAILS. GENERAL WALL PAINT AND EXISTING WOOD WINDOW SILLS AND STAIRWELL WALL CAPS
P2	PAINT (ACCENT)	SHERWIN WILLIAMS	HARMONY INTERIOR LATEX PAINT / ALL SURFACE ENAMEL	RYEGRASS SW 6423			EG-SHEL ON WALLS / ENAMEL AT DOOR FRAMES AND TRIM
P3	PAINT (ACCENT)	SHERWIN WILLIAMS	HARMONY INTERIOR LATEX PAINT / ALL SURFACE ENAMEL	PERSIMMON SW 6339			EG-SHEL ON WALLS / ENAMEL AT DOOR FRAMES AND TRIM
P4	PAINT (ACCENT)	SHERWIN WILLIAMS	HARMONY INTERIOR LATEX PAINT / ALL SURFACE ENAMEL	MOSS ROSE SW 6291			EG-SHEL ON WALLS / ENAMEL AT DOOR FRAMES AND TRIM
P5	PAINT (ACCENT)	SHERWIN WILLIAMS	HARMONY INTERIOR LATEX PAINT / ALL SURFACE ENAMEL	REVEL BLUE SW 6530			EG-SHEL ON WALLS / ENAMEL AT DOOR FRAMES AND TRIM
P6	PAINT (ACCENT)	SHERWIN WILLIAMS	HARMONY INTERIOR LATEX PAINT / ALL SURFACE ENAMEL	ANEW GRAY SW 7030			EG-SHEL ON WALLS / ENAMEL AT DOOR FRAMES AND TRIM
PT1	PORCELAIN TILE	CROSSVILLE TILE	COLOR BY NUMBER	WT18 1812 OVERTURE SATIN	4" X 12"		STAIRWELL HANDRAILS STACKED VERTICAL - ALTERNATING INSTALLATION. GROUT COLOR TO BE SELECTED BY ARCHITECT. PT1 TO 5' AFF ON ALL WALLS, PAINT P2 ABOVE.
WP1	WALL PROTECTION	INPRO	PALLADIUM RIGID SHEET WALL PROTECTION	PEPPERDUST 0119	4 X 8 SHEETS X .040" THICK	--	REFUSE AND JANITOR ROOM WALL PROTECTION, PROVIDE MATCH TRIMS AS NEEDED.
04 - FLOORS							
CONC1	CONCRETE SEALER	-	-	-	-	-	-
RB1	RUBBER BASE	TARKETT	TRADITIONAL TOE	48 GREY	4" HIGH X 1/8" THICK	-	COMMON AREA WALL BASE.
RF1	RESILIENT FLOORING	SHAW CONTRACT	FUNCTION 2.5MM 4386V	TRANSITION 86501	2.5MM X 18" X 18"	--	GLUE DOWN, ASHLAR INSTALLATION. INSTALL WITH U1 IN CORRIDORS ON LEVELS 2, 3 AND 4.
RF2	RESILIENT FLOORING	SHAW CONTRACT	VITALITY TONES 4375V	PEP UP 00111	SHEETGOOD	--	COMMON RESTROOMS
RF4	RESILIENT FLOORING	SHAW CONTRACT	CROSSING PATHS 2.5MM 4431V	SPINDLE 91140	2.5MM X 18" X 18"	--	GLUE DOWN, ASHLAR INSTALLATION.
RSTR1	RUBBER STAIR TREAD/RISER	TARKETT	JOHNSONITE ANGLE FIT RUBBER STAIR TREAD WITH INTEGRATED RISER / VIBMNTR-48-SQ-BAMBOO-48 GREY-BLACK GRIT TAPE	48 GREY	--	BAMBOO TEXTURE	BLACK GRIT TAPE
TR1	FLOOR TRANSITION	TARKETT	CD-48-B	48 GREY	--	--	USE BETWEEN WOM1 AND RESILIENT FLOORING
TR2	FLOOR TRANSITION	TARKETT	CTA-48-X	48 GREY	--	--	USE BETWEEN RF1 AND RF2
U1	UNDERLAYMENT	SHAW CONTRACT	HUSH III	--	ROLLGOOD	--	INSTALL UNDER RF1 IN CORRIDORS ONLY ON LEVELS 2, 3 AND 4.
WOM1	WALK OFF MAT	MILLIKEN	OBEX / CUTX / FOOTPATH	DARK GREY TDX118-119	50 CM X 50 CM	--	FRONT ENTRY / VESTIBULE
05 - MISC							
CG	CORNER GUARDS	--	STAINLESS STEEL	--	48" HIGH W/ 2" LEGS	--	ALL OUTSIDE CORNERS
FB1	FABRIC	ARCHITEX	RADIANT	SORBET	--	--	--
SS2	SOLID SURFACE	LG HAUSYS	HI-MACS SOLID SURFACE	ARCTIC GRANITE G034	--	--	DISPLAY CASE TOP, ADD ALT #1: REPLACE WOOD WINDOW SILLS AND STAIRWELL WALL CAPS WITH SS2
WDW1	WINDOW COVERING	SWF CONTRACT	R SERIES MANUAL SOLAR SHADES	CROSSHATCH R C8213-LINEN / FOG - 3% OPEN	--	--	COMMON AREA WINDOW COVERINGS
06 - ELEVATOR							
EC1	ELEVATOR CAB WALLS	OTIS	SWL PATTERNED STAINLESS STEEL	SATIN STAINLESS STEEL	--		
EC2	ELEVATOR CAB CEILING	OTIS		WHITE			4 LED FLUSH CEILING (FC-4)
EC3	ELEVATOR CAB HANDRAILS	OTIS		SATIN STAINLESS STEEL	2"	--	FLAT HANDRAIL (DH-155)
07 - CASEWORK							
PL1	PLASTIC LAMINATE COUNTERTOPS	WILSONART	HIGH PRESSURE LAMINATE	ORGANIC COTTON 4945-38	--	FINE VELVET FINISH	UNIT AND COMMON AREA COUNTERTOPS. DED ALT#2: REMOVE PLAM COUNTERTOPS
PL2	PLASTIC LAMINATE CASEWORK	WILSONART	HIGH PRESSURE LAMINATE	SESAME VELVET ELM 15603-31	--	TRACELESS	REPLACEMENT FOR VENEER AROUND RECEPTION.
SS1	SOLID SURFACE COUNTERTOPS	LG HAUSYS	HI-MACS SOLID SURFACE	RIPE COTTON G518R	--	--	ADD ALT#2: UNIT AND COMMON AREA COUNTERTOPS
WD1	CASEWORK	SMART CABINERY	FREEPORT DOOR STYLE / MAPLE	SILVERGRASS STAIN ON MAPLE	--	--	UNIT AND COMMON AREA CASEWORK
10 - UNITS							
P7	PAINT (UNITS)	SHERWIN WILLIAMS	HARMONY INTERIOR LATEX PAINT / ALL SURFACE ENAMEL	COLOR MATCH FULLER O'BRIEN: 1W18 WHISPER WHITE	--	EG-SHEL ON WALLS / ENAMEL AT DOOR FRAMES, TRIM, AND WINDOW SILLS	--
RB2	RUBBER BASE	TARKETT	TRADITIONAL TOE	SILVER GREY 55	4" HIGH X 1/8" THICK	--	TENANT UNIT WALL BASE.
RF3	RESILIENT FLOORING	SHAW CONTRACT	IN UNISON 2.5 4430V	SPINDLE 91140	9" X 36"	--	GLUE DOWN, STAGGERED INSTALLATION
WD3	WOOD CASING	--	MDF	PAINT P7	1" X 3"	ENAMEL	BOD: METRIE M04720
WDW2	WINDOW COVERING	SWF CONTRACT	8 GAUGE ALUMINUM HORIZONTAL SLATS	NAVAJO WHITE / 376	--	--	CORD LIFT AND ADJUSTABLE SLAT OPENING



CERTIFICATE OF AUTHORIZATION NO. SPARK DESIGN, LLC #AEL1394

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 anchorage, alaska 99518
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COOK INLET HOUSING AUTHORITY
TYONEK TERRACE RENOVATION
ANCHORAGE, ALASKA

ROOM FINISH SCHEDULE - COMMON AREAS

RM NUM	ROOM NAME	FLOOR	BASE	WALLS				CEILING FINISH	COMMENTS / NOTES
				NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL		
100A	RECEPTION	RF1	RB1	P1	P1	P1	P1	ACT1	
100C	CORRIDOR	RF1	RB1	P1	P1	P1/P2	P2	P1	
100E	ELECTRICAL	CONC1	RB1	P1	P1	P1	P1	P1	
100J	JANITOR	RF1	RB1	WP1	WP1	WP1	WP1	P1	
100K	KITCHEN	RF1	RB1	P1	P1	P1	P1	ACT2	
100L	LOBBY	WOM1 / RF1	RB1	P1/P2	P1	P1	P1	P1	
100M	MECHANICAL	CONC1	RB1	WP1	WP1	WP1	WP1	P1	
100P	PLAY AREA	RF4	RB1	P1	P1	P1	P1	P1	
100R	REFUSE	RF2	RB1	WP1/P1	WP1/P1	WP1/P1	WP1/P1	ACT1	
100S	CART STORAGE	WOM1	RB1	P1	P1	P1	P1	P1	
100U	LAUNDRY	RF1	RB1	WP1/P1	WP1/P1	WP1/P1	WP1/P1	ACT2	
100V	ENTRY	WOM1	RB1	P1	P1	P1	P1	P1	
101C	CORRIDOR	RF1	RB1	P2	P1/P2	P2	P1	ACT1/P2	DO NOT PAINT EXISTING EXPOSED CONCRETE MASONRY UNITS
101E	TEL./COMM.	RF2	RB1	P1	P1	P1	P1	P1	
101L	WAITING	RF4	RB1	P1	P1	P1	P1	P1	DO NOT PAINT EXISTING EXPOSED CONCRETE MASONRY UNITS
101R	REFUSE ROOM	(E)	(E)	(E)	(E)	(E)	(E)	(E)	
101S	TENANT STORAGE	CONC1	RB1	P1	P1	P1	P1	ACT1	DO NOT PAINT EXISTING EXPOSED CONCRETE MASONRY UNITS
101T	TOILET	RF2	PT1	PT1/P2	PT1/P2	PT1/P2	PT1/P2	ACT1	
102C	CORRIDOR	RF1	RB1	P1	--	P1	P2	ACT1/P1	
102L	LOUNGE	WOM1 / RF4	RB1	P1	P1/P2	P2	P1	(E)/P1	
102T	TOILET	RF2	PT1	PT1/P2	PT1/P2	PT1/P2	PT1/P2	ACT1	
103T	TOILET	RF2	PT1	PT1	PT1	PT1	PT1	ACT1	
200C	CORRIDOR	RF1	RB1	P3	P1/P3	P1	P1	ACT1/P3	DO NOT PAINT EXISTING EXPOSED CONCRETE MASONRY UNITS
200E	TEL / COMM	RF2	RB1	P1	P1	P1	P1	ACT1	
200J	JANITOR	RF2	RB1	WP1	WP1	WP1	WP1	P1	
200L	LOBBY	RF1	RB1	P1/P3	P1	P1/P3	P1	ACT1/P1/P3	DO NOT PAINT EXISTING EXPOSED CONCRETE MASONRY UNITS
200R	REFUSE	RF2	RB1	WP1/P1	WP1/P1	WP1/P1	WP1/P1	ACT1	
200U	LAUNDRY	RF1	RB1	WP1/P1	WP1/P1	WP1/P1	WP1/P1	ACT2	
201L	TV / GAMES ROOM	RF4	RB1	P1	P1	P1	P1	P1	DO NOT PAINT EXISTING EXPOSED CONCRETE MASONRY UNITS
300C	CORRIDOR	RF1	RB1	P4	P1	--	P1	ACT1/P4	DO NOT PAINT EXISTING EXPOSED CONCRETE MASONRY UNITS
300E	TEL / COMM	RF2	RB1	P1	P1	P1	P1	ACT1	
300J	JANITOR	RF2	RB1	WP1	WP1	WP1	WP1	P1	
300L	LOBBY	RF2	RB1	P1/P4	P1	P1/P4	P1	ACT1/P1/P4	DO NOT PAINT EXISTING EXPOSED CONCRETE MASONRY UNITS
300R	REFUSE	RF2	RB1	WP1/P1	WP1/P1	WP1/P1	WP1/P1	ACT1	
300U	LAUNDRY	RF1	RB1	WP1/P1	WP1/P1	WP1/P1	WP1/P1	ACT2	
301L	LIBRARY	RF4	RB1	P1	P1	P1	P1	P1	DO NOT PAINT EXISTING EXPOSED CONCRETE MASONRY UNITS
400C	CORRIDOR	RF1	RB1	P5	P1	--	P1	ACT1/P5	DO NOT PAINT EXISTING EXPOSED CONCRETE MASONRY UNITS
400J	JANITOR	RF2	RB1	WP1	WP1	WP1	WP1	P1	
400L	LOBBY	RF1	RB1	P5	P1	P5	P1	ACT1/P1/P5	DO NOT PAINT EXISTING EXPOSED CONCRETE MASONRY UNITS
400R	REFUSE	RF2	RB1	WP1/P1	WP1/P1	WP1/P1	WP1/P1	ACT1	
400U	LAUNDRY	RF1	RB1	WP1/P1	WP1/P1	WP1/P1	WP1/P1	ACT2	
401L	SITTING AREA	RF4	RB1	P1	P1	P1	P1	P1	DO NOT PAINT EXISTING EXPOSED CONCRETE MASONRY UNITS

ROOM FINISH SCHEDULE - COMMON AREAS

RM NUM	ROOM NAME	FLOOR	BASE	WALLS				CEILING FINISH	COMMENTS / NOTES
				NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL		
E1	ELEVATOR	RF4	RB1	EC1	EC1	EC1	EC1	EC2	PROVIDE HANDRAILS EC3 PER COLOR AND MATERIAL LEGEND
E2	MACHINE ROOM	CONC1	RB1	P1	P1	P1	P1	(E)	
S01	STAIR	RF1 / RSTR1	RB1	P1	P1	P1	P1	P1	PAINT (E) METAL HANDRAILS P6 PER COLOR AND MATERIAL LEGEND
S02	STAIR	RF1 / RSTR1	RB1	P1	P1	P1	P1	P1	PAINT (E) METAL HANDRAILS P6 PER COLOR AND MATERIAL LEGEND

MATERIAL LEGEND: GENERAL NOTES

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

ROOM FINISH SCHEDULE: TENANT UNITS

- ALL UNITS TO RECEIVE:
 - FLOORING (ALL ROOMS): RF3
 - WALL BASE: RB2
 - PAINT (ALL WALLS) : P7
 - DOOR CASING: WD3
 - EXISTING WOOD WINDOW SILLS TO BE PAINTED P7 (ADD ALT#1: REPLACE SILLS WITH SS2).
 - WINDOW COVERINGS (ALL WINDOWS): WDW2
 - CASEWORK: WD1
 - COUNTERTOPS: PL1 (ADD ALT #2: REPLACE WITH SS1)

REVISION SCHEDULE		
#	DESCRIPTION	DATE

JOB NO. 21-031
 DATE 03/29/2024
 DRAWN C-JF
 REVIEWED DTW

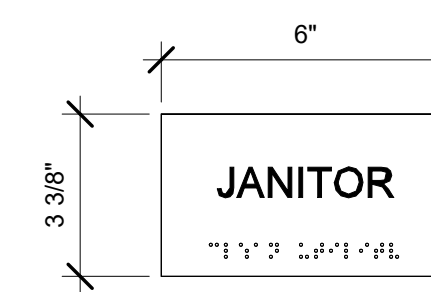
SHEET NAME
 MATERIAL & ROOM FINISH
 SCHEDULES

SHEET NO.
A5.05

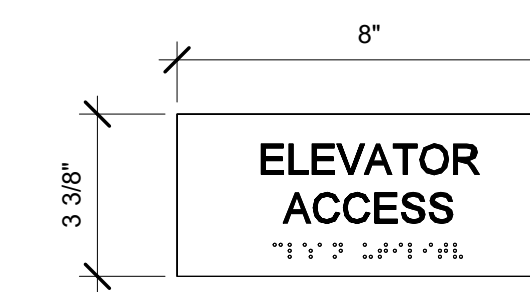
SIGNAGE SCHEDULE						
DOOR NO.	ROOM NAME	SIGN TYPE NO.	SIGN MOUNT LOCATION	SIGN TEXT	CODE REQ.	SIGNAGE COMMENTS
LEVEL 1						
100A	RECEPTION	A	1	OFFICE	--	
100Ea AND 100Eb	ELECTRICAL	A	1	ELECTRICAL	X	
100J	JANITOR	A	1	JANITOR	X	
100K	KITCHEN	A	1	KITCHEN	--	
100vb	LOBBY	D	1	PER TYPE	X	MOUNT ON HINGE SIDE OF DOOR
100M	MECHANICAL	A	1	MECHANICAL	X	
100P	PLAY AREA	B	1	PLAY AREA	--	
100R	REFUSE	A	1	REFUSE	X	
100U	LAUNDRY	A	1	LAUNDRY	--	
101E	TEL./COMM.	A	1	TEL / COM	X	
101Sa AND 101Sb	TENANT STORAGE	B	1	TENANT STORAGE	--	
101T	TOILET	C	1	PER TYPE	X	
	LOUNGE	D	1	PER TYPE	X	MOUNT WHERE EXISTING SIGN IS REMOVED
102T	TOILET	C	1	PER TYPE	X	
103T	TOILET	C	1	PER TYPE	X	
E2	MACHINE ROOM	B	1	ELEVATOR ROOM	--	
S01a	STAIR	F&G	1	SOUTH STAIR	X	SIGN TYPE F TO BE PLACED ON CORRIDOR SIDE OF DOOR. SIGN TYPE G TO BE PLACED ON STAIR SIDE OF DOOR.
S02a	STAIR	F&G	1	NORTH STAIR 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.
LEVEL 2						
200E	TEL / COMM	A	1	TEL / COM	X	
200J	JANITOR	A	1	JANITOR	X	
200R	REFUSE	A	1	REFUSE	X	
200U	LAUNDRY	A	1	LAUNDRY	--	
201L	TV / GAMES ROOM	B	1	TV ROOM	--	
S01b	STAIR	F&G	1	SOUTH STAIR	X	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	NORTH STAIR 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.
LEVEL 3						
300E	TEL / COMM	A	1	TEL / COM	X	
300J	JANITOR	A	1	JANITOR	X	
300R	REFUSE	A	1	REFUSE	X	
300U	LAUNDRY	A	1	LAUNDRY	--	
301L	LIBRARY	A	1	LIBRARY	--	
S01c	STAIR	F&G	1	SOUTH STAIR	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	NORTH STAIR 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.
LEVEL 4						
400J	JANITOR	A	1	JANITOR	X	
400R	REFUSE	A	1	REFUSE	X	
400U	LAUNDRY	A	1	LAUNDRY	X	
S01d	STAIR	F&G	1	SOUTH STAIR	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	NORTH STAIR 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.

TENANT UNIT SIGNAGE SCHEDULE					
UNIT NUMBER	UNIT NAME	SIGN TYPE NO.	SIGN MOUNT LOCATION	SIGN TEXT	SIGNAGE COMMENTS
LEVEL 1					
100	2-BED C (UFAS)	E	1	100	
102	1-BED A	E	1	102	
104	1-BED A	E	1	104	
105	1-BED A	E	1	105	
106	1-BED A (UFAS)	E	1	106	
107	1-BED A	E	1	107	
109	1-BED B (UFAS)	E	1	109	
LEVEL 2					
200	2-BED C	E	1	200	
201	2-BED E	E	1	201	
202	1-BED A	E	1	202	
203	1-BED A	E	1	203	
204	1-BED A	E	1	204	
205	1-BED A	E	1	205	
206	1-BED A	E	1	206	
207	1-BED A	E	1	207	
208	1-BED D	E	1	208	
209	1-BED B	E	1	209	
211	1-BED B	E	1	211	
LEVEL 3					
300	2-BED F	E	1	300	
301	2-BED E	E	1	301	
302	1-BED A	E	1	302	
303	1-BED G	E	1	303	
304	1-BED A	E	1	304	
305	1-BED A	E	1	305	
306	1-BED A	E	1	306	
307	1-BED A	E	1	307	
308	1-BED A	E	1	308	
309	1-BED A	E	1	309	
311	1-BED A	E	1	311	
LEVEL 4					
400	1-BED H	E	1	400	
401	1-BED J	E	1	401	
402	1-BED A	E	1	402	
403	1-BED G	E	1	403	
404	1-BED A	E	1	404	
405	1-BED A	E	1	405	
406	1-BED A	E	1	406	
407	1-BED A	E	1	407	
408	1-BED A	E	1	408	
409	1-BED A	E	1	409	
411	1-BED A	E	1	411	

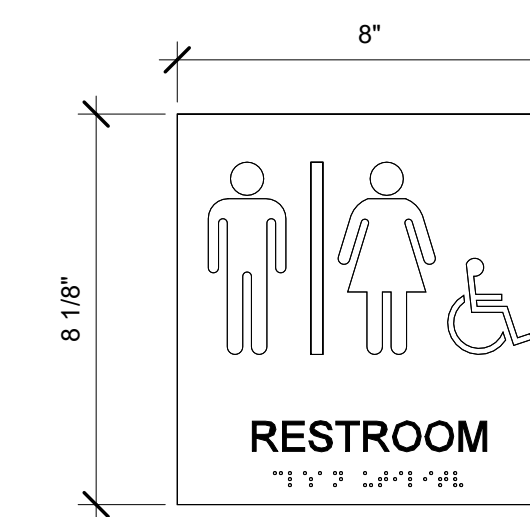
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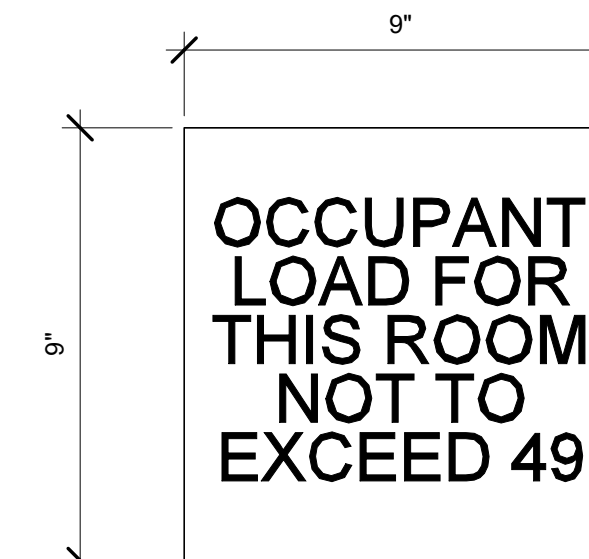
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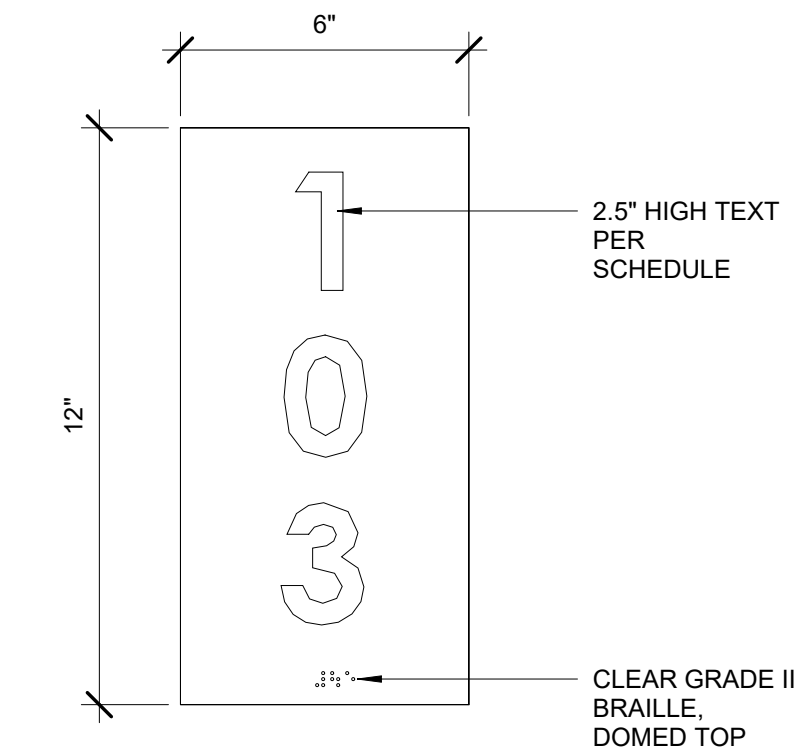
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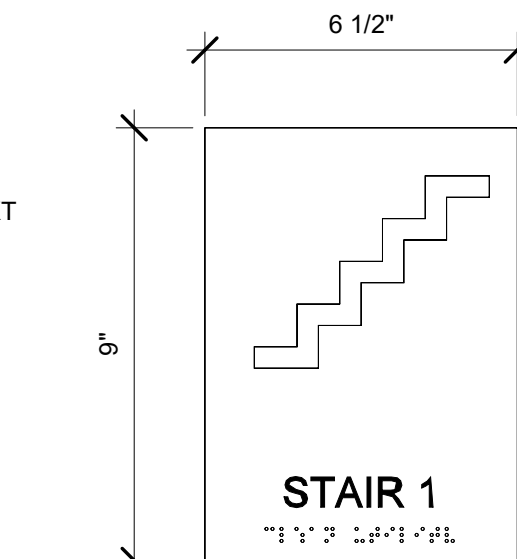
SIGN TYPE D



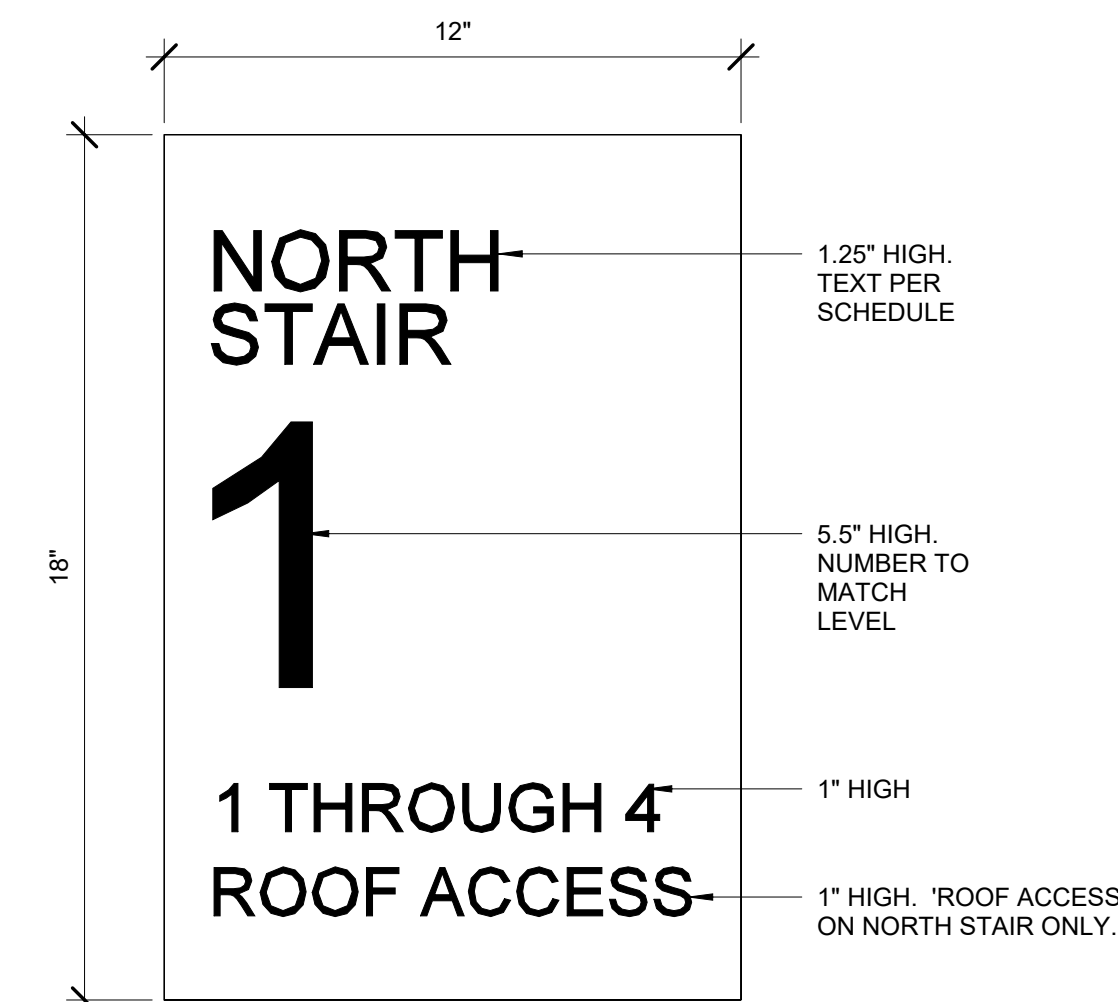
SIGN TYPE E



SIGN TYPE F



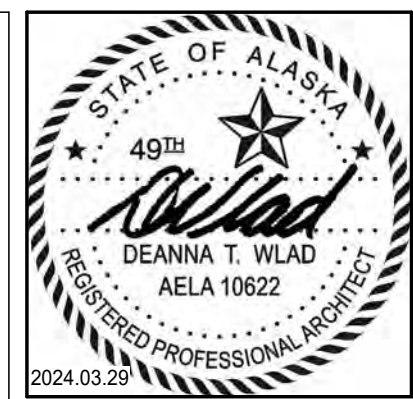
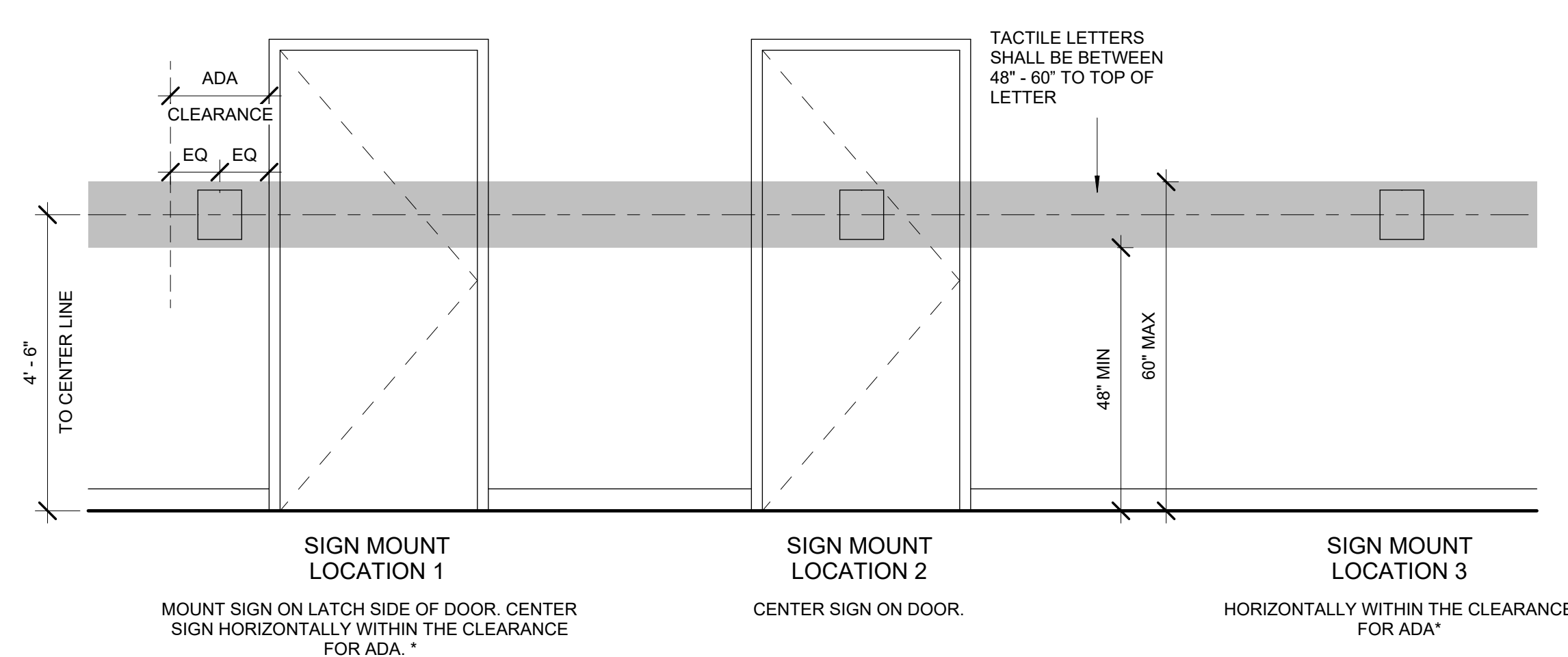
SIGN TYPE G



SIGN TYPE NOTES AND SPECIFICATIONS

- ALL SIGNS SHALL COMPLY WITH ADA, ANSI 117.1-2009 AND LOCAL BUILDING CODES.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND MOUNTING CONDITIONS IN THE FIELD.
- INSTALL SIGN ON LATCH SIDE OF DOOR UNLESS OTHERWISE NOTED.
- SIGN TYPE A, B, C, E AND F BASIS OF DESIGN:
 - INPRO SIGNSCAPE ARCHITECTURAL CUSTOM SIGNAGE
 - MATERIAL: PHOTOPOLYMER PETG
 - MOUNTING: VHB TAPE
 - FONT: ADA FUTURA
 - FONT SIZE: 5/8" OR 2.5" HIGH, AS SHOWN ON SIGN TYPE
 - FONT THICKNESS: 1/32" PERMANENTLY APPLIED TO SIGN FACE
 - HORIZONTAL ALIGNMENT: PER TYPE
 - VERTICAL ALIGNMENT: PER TYPE
 - FACE COLOR: PEPPERDUST 0119
 - FONT COLOR: DARK GREY 108
 - BRAILLE: CLEAR GRADE II BRAILLE, DOMED TOP
 - PICTOGRAM AT TYPE C: 4" HIGH IN 6" FIELD, 1/32" THICK PERMANENTLY APPLIED TO SIGN FACE.
- SIGN TYPE D AND G BASIS OF DESIGN:
 - INPRO SIGNSCAPE ARCHITECTURAL CUSTOM SIGNAGE, DIGITAL PRINT
 - MATERIAL: PHOTOPOLYMER PETG
 - MOUNTING: VHB TAPE
 - FONT: ADA FUTURA
 - FONT SIZE: 1", 1.5" AND 5.5" AS SHOWN ON SIGN TYPE
 - HORIZONTAL ALIGNMENT: PER TYPE
 - VERTICAL ALIGNMENT: PER TYPE
 - FACE COLOR: PEPPERDUST 0119
 - FONT COLOR: DARK GREY 108

SIGN MOUNTING LOCATION LEGEND



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COOK INLET HOUSING AUTHORITY
 TYONEK TERRACE RENOVATION
 ANCHORAGE, ALASKA

REVISION SCHEDULE		
#	DESCRIPTION	DATE

JOB NO. 21-031
 DATE 03/29/2024
 DRAWN SMM
 REVIEWED DTW

SHEET NAME
 SIGNAGE

SHEET NO.
A5.50



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2024.03.29

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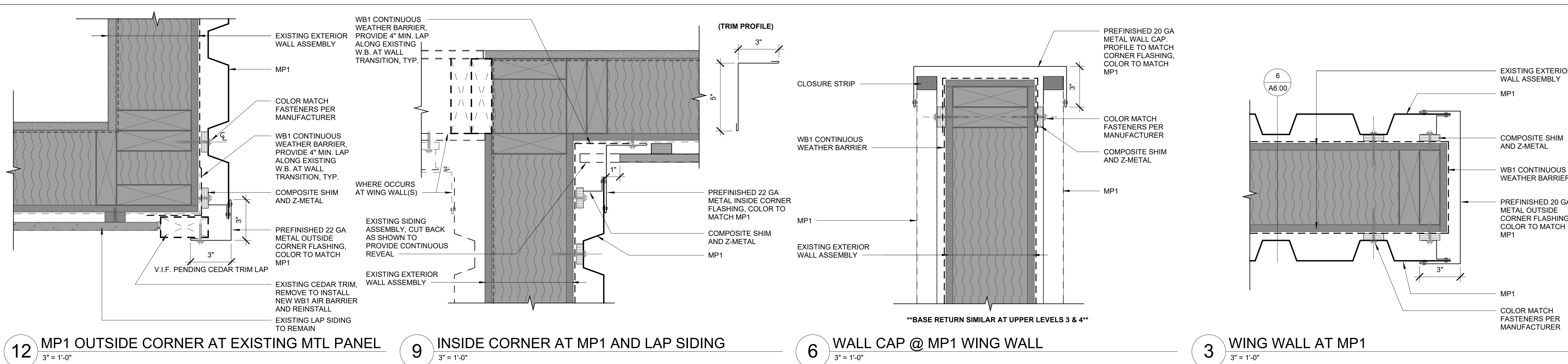
REVISION SCHEDULE		
#	DESCRIPTION	DATE

JOB NO. 21-031
DATE 03/29/2024
DRAWN KA
REVIEWED DTW

SHEET NAME
DETAILS - EXTERIOR

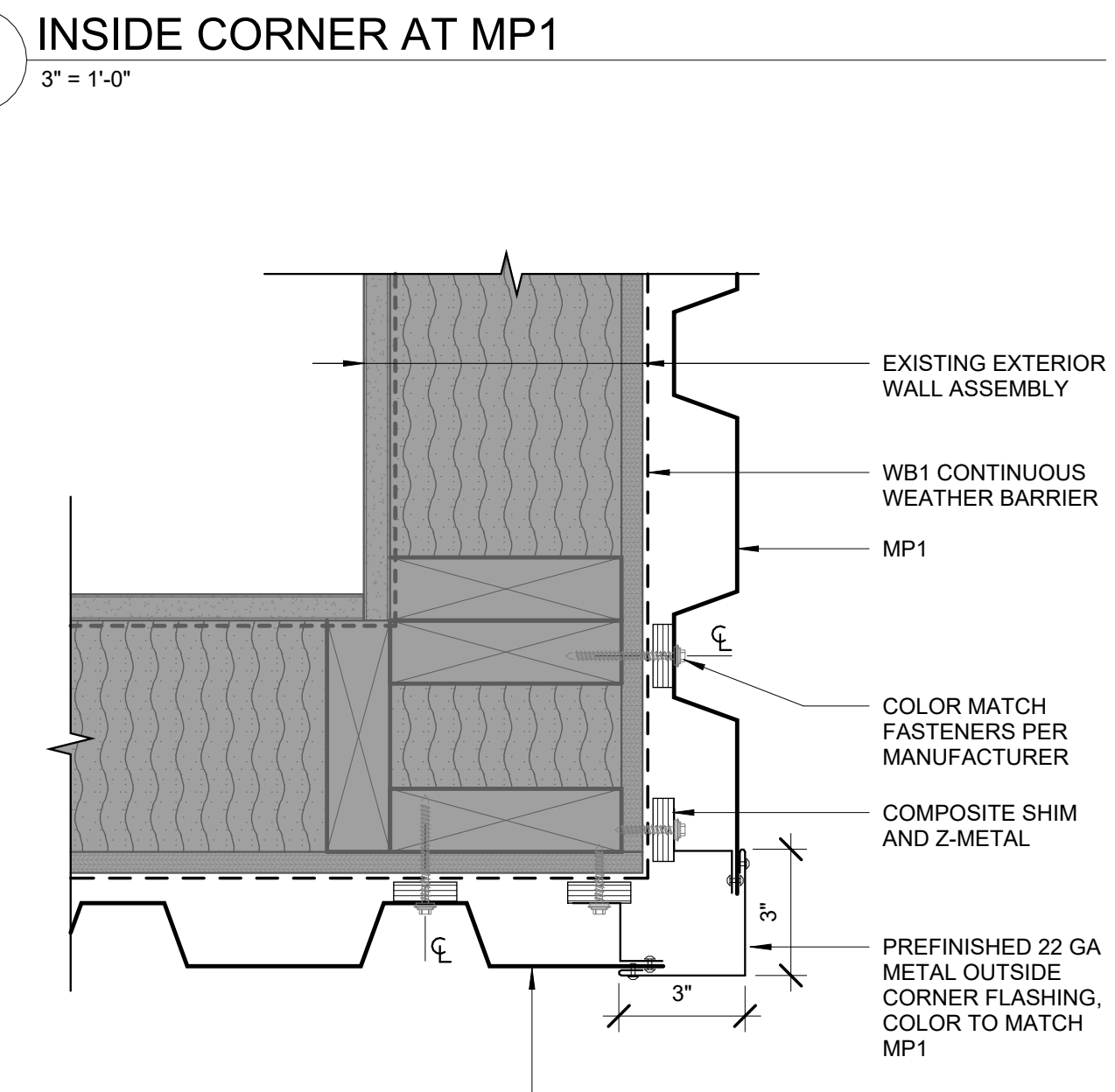
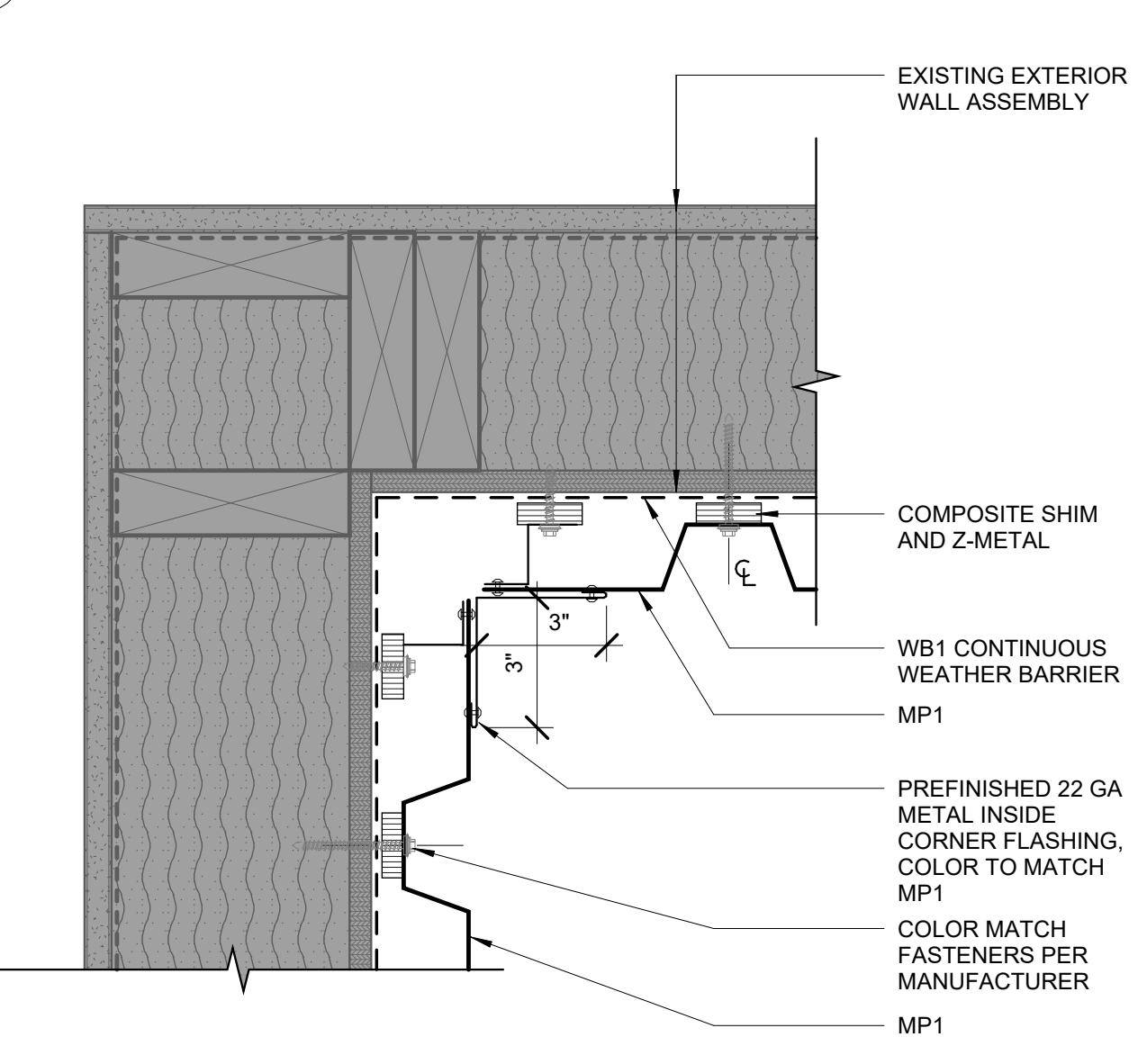
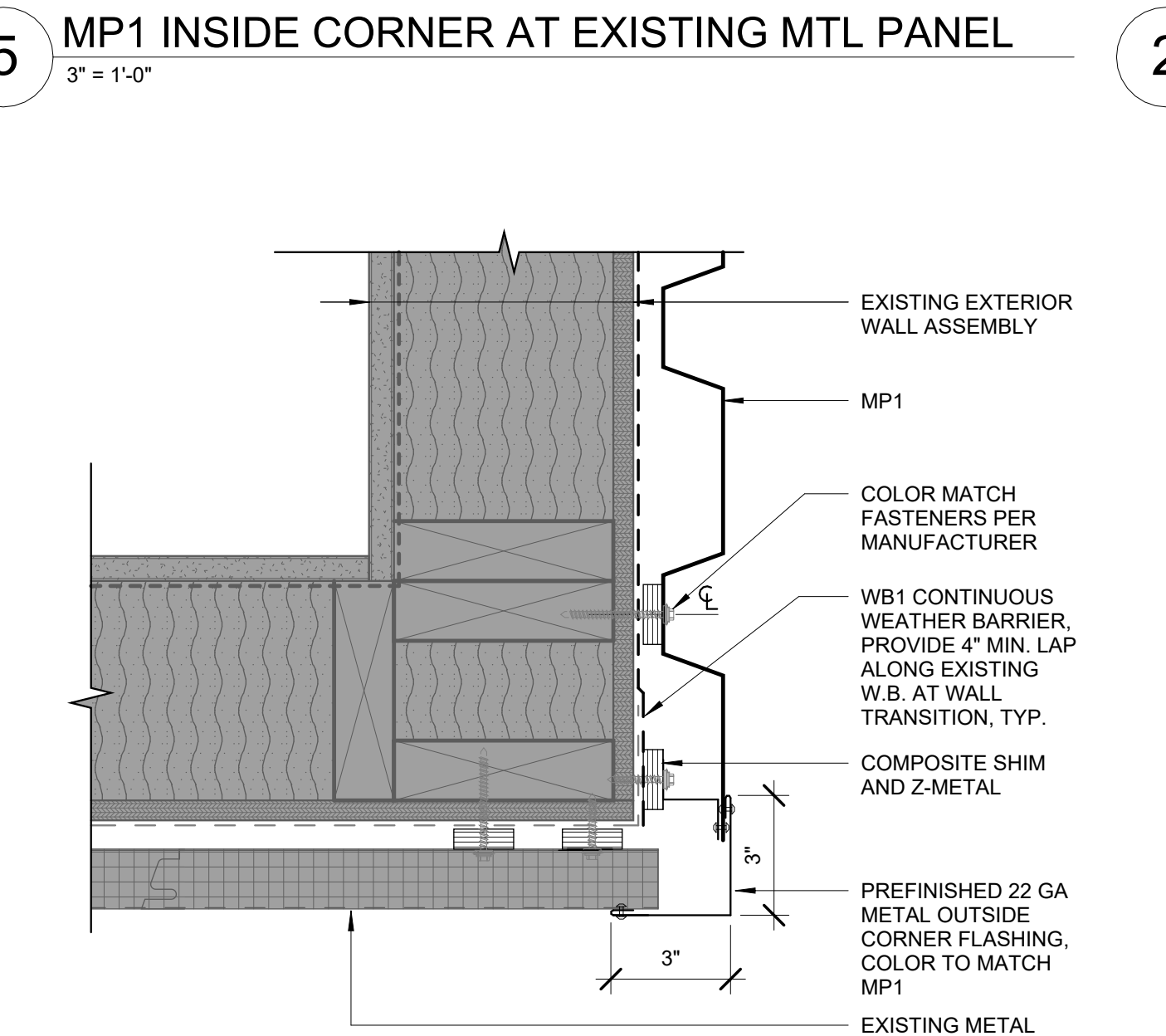
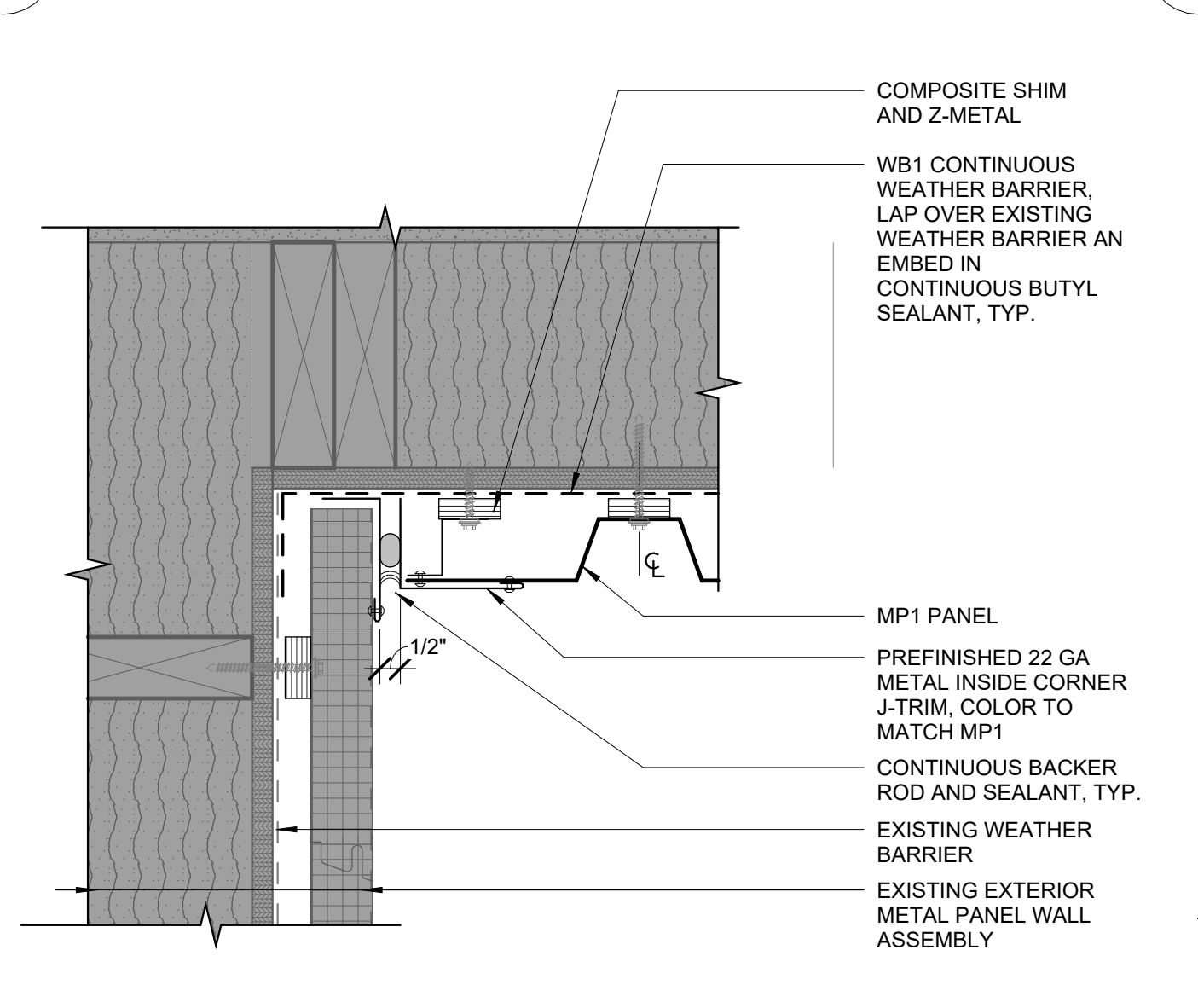
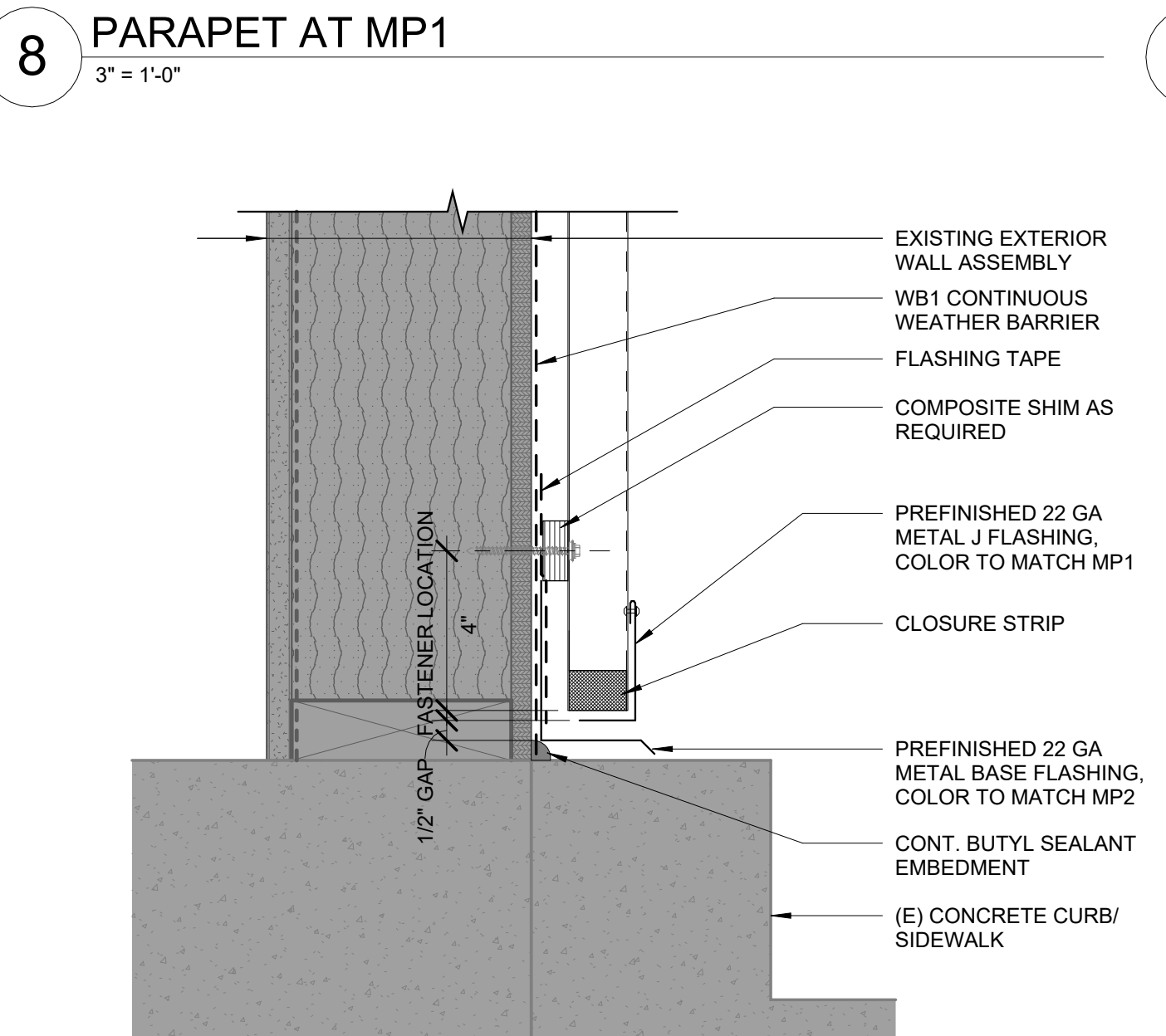
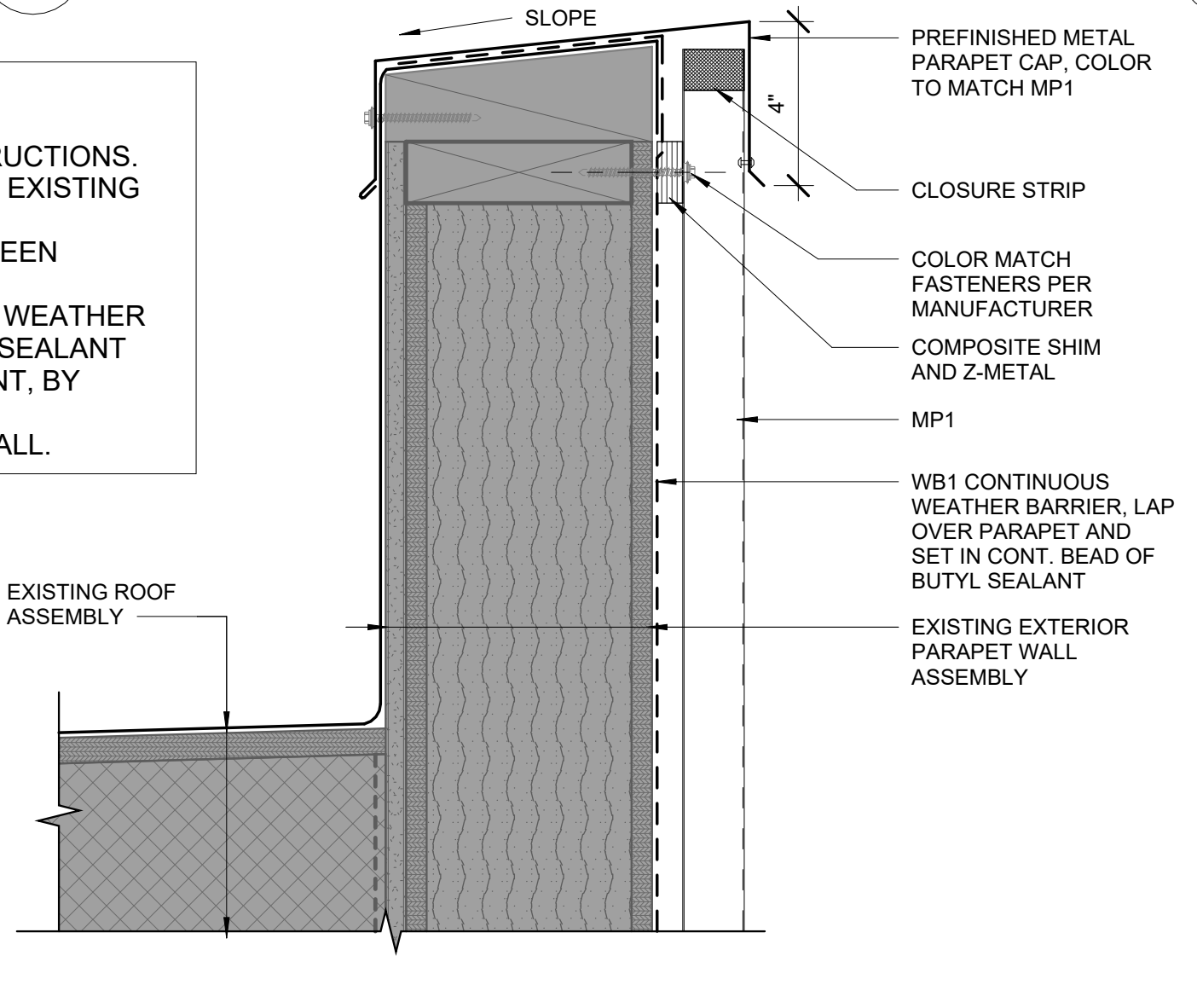
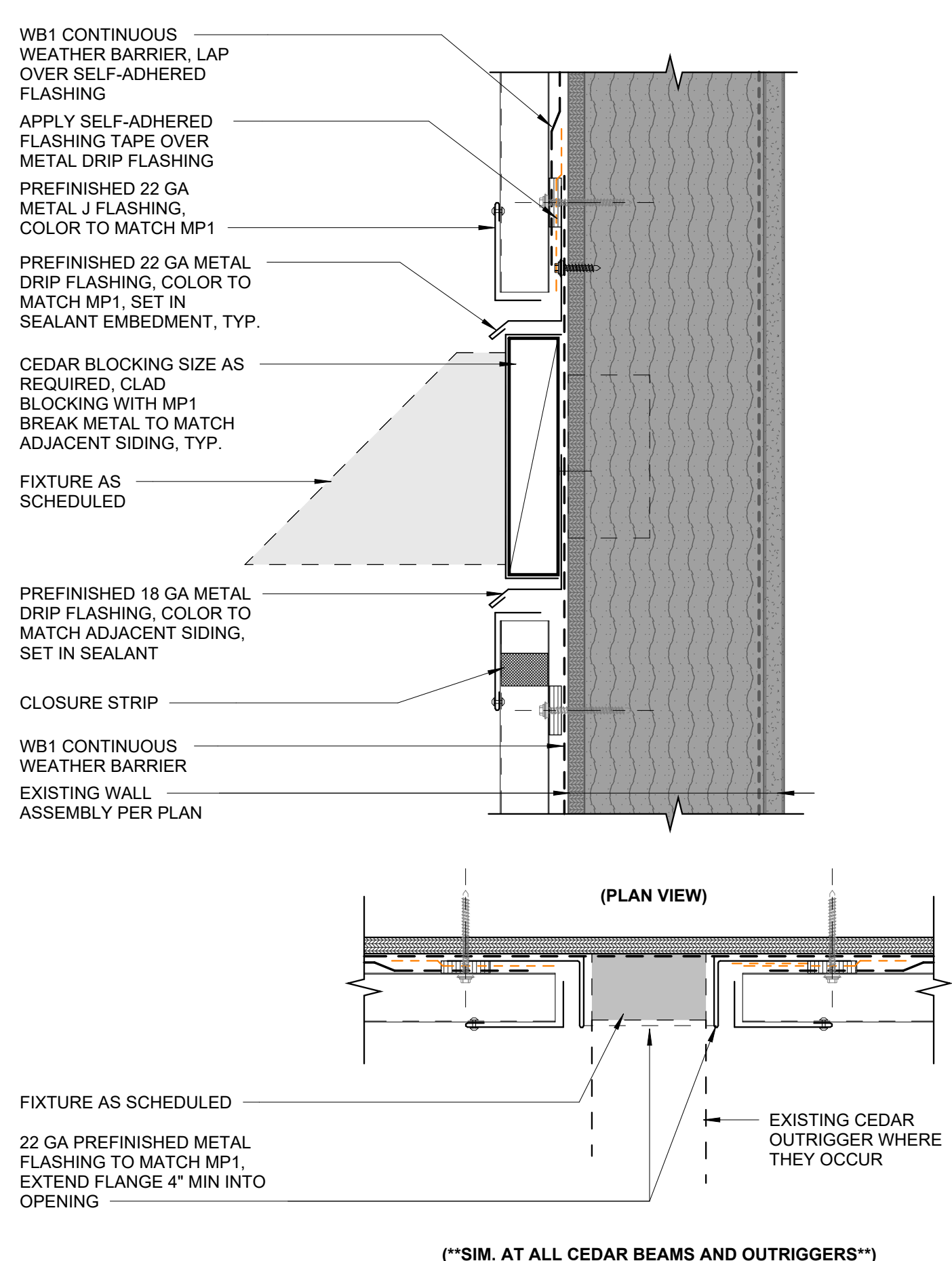
SHEET NO.
A6.00

HALF SCALE WHEN PRINTED AT 11x17



WEATHER (WB) GENERAL NOTES:

1. INSTALL SCHEDULED WEATHER BARRIERS, PER MANUFACTURER WRITTEN INSTRUCTIONS.
2. WHERE FEASIBLE, PROVIDE MIN. 4"-6" MATERIAL LAPS AT (WB) TRANSITION FROM EXISTING TO NEW INSTALLATIONS.
3. PROVIDE CONTINUOUS SELF-ADHERED FLASHING TAPE ALONG ALL SEAMS BETWEEN WEATHER BARRIERS, TYP.
4. WHERE (WB) LAPS ARE NOT ABLE TO EXCEED 4", USE MANUFACTURE APPROVED WEATHER BARRIER LIQUID ADHESIVE. APPLY A CONTINUOUS, LIBERAL BEAD OF ADHESIVE SEALANT ALONG THE ENTIRE LENGTH OF THE WB MATERIAL AND ENSURE FULL EMBEDMENT, BY SEEDING THE MEMBRANES TOGETHER.
5. FINAL WEATHER BARRIER INSTALLATION MUST PROVIDE A WEATHER-TIGHT INSTALL.





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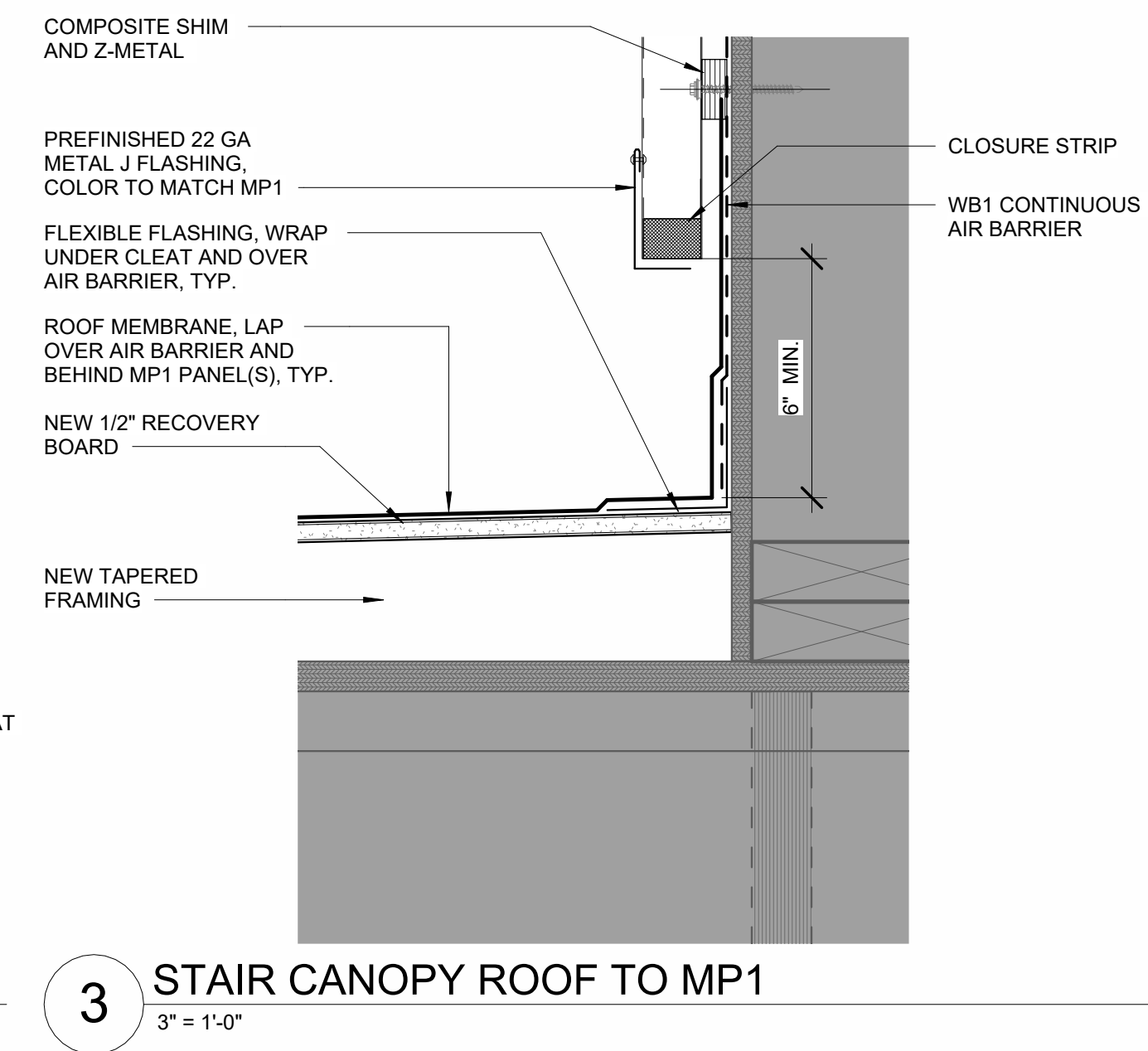
COOK INLET HOUSING AUTHORITY
 TYONEK TERRACE RENOVATION
 ANCHORAGE, ALASKA

REVISION SCHEDULE		
#	DESCRIPTION	DATE

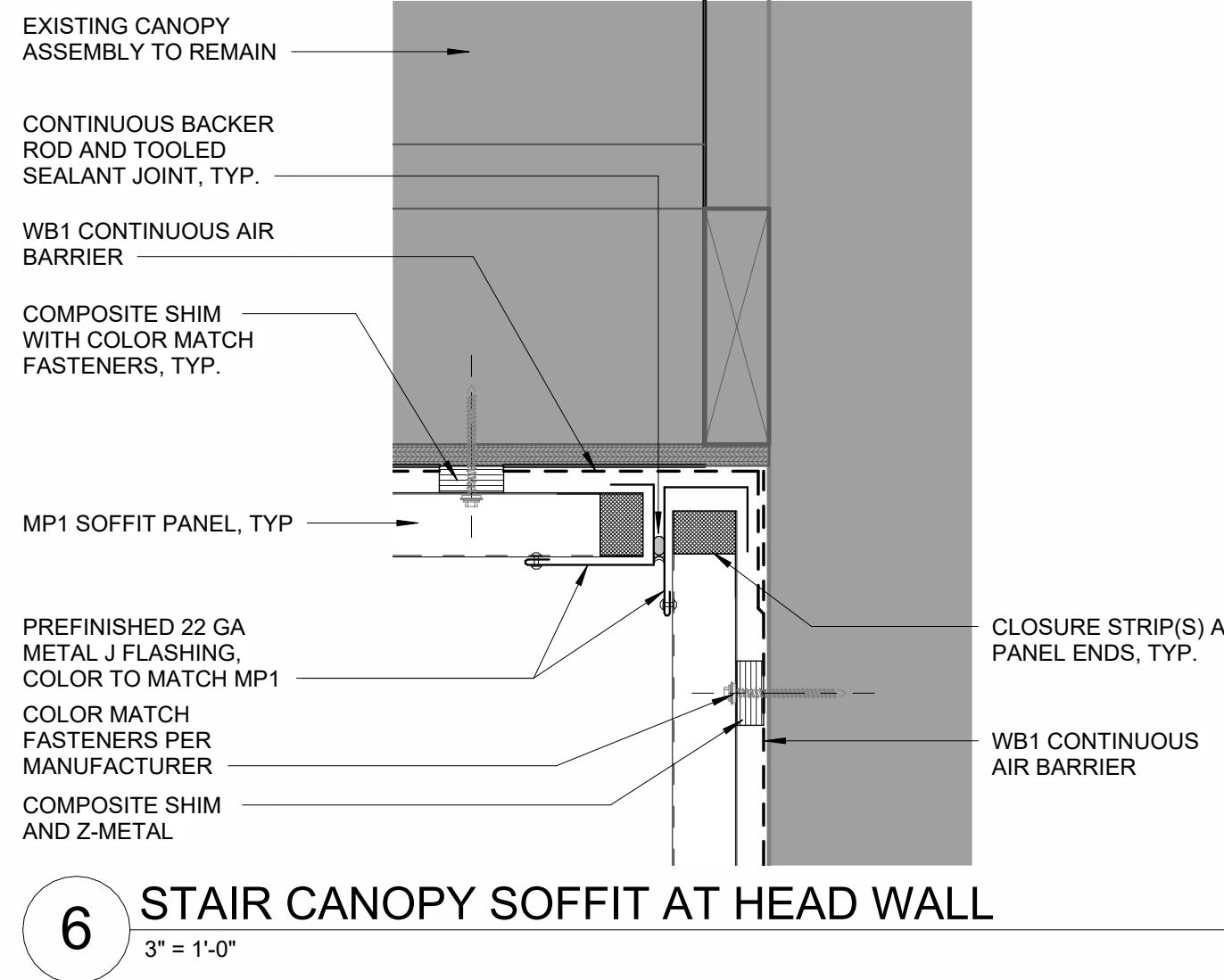
JOB NO. 21-031
 DATE 03/29/2024
 DRAWN KA
 REVIEWED DTW

SHEET NAME
 DETAILS - EXTERIOR

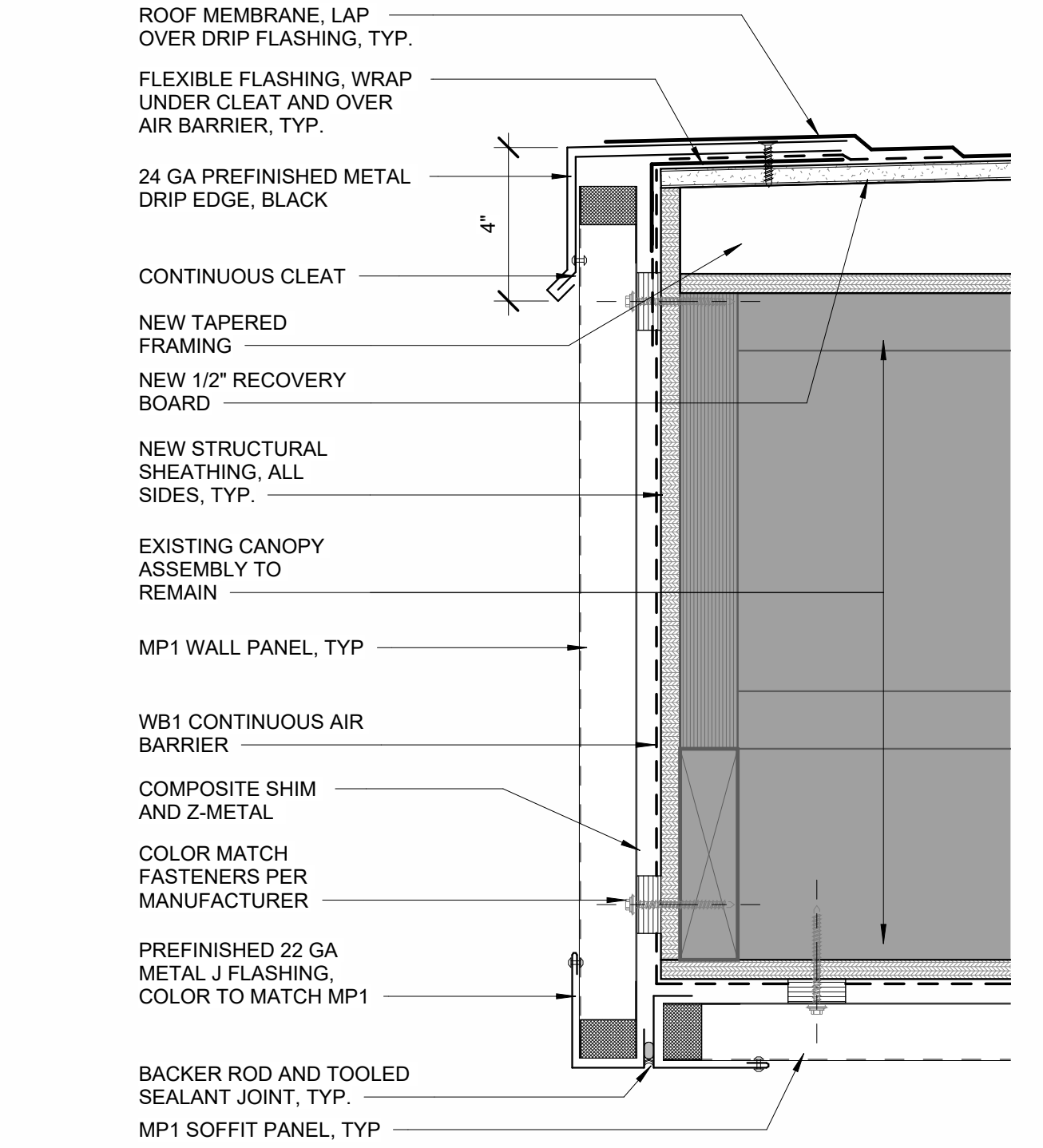
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A6.01



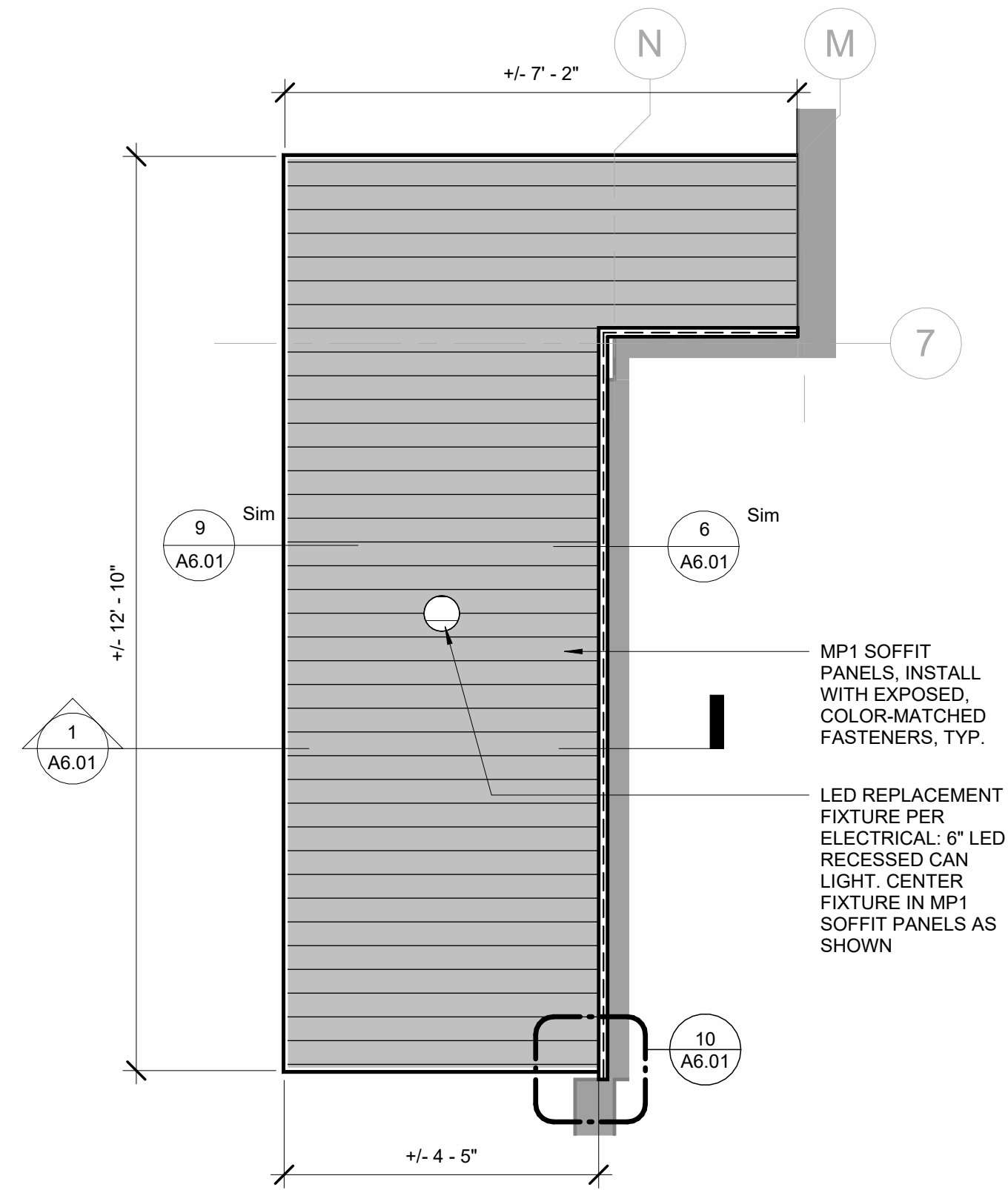
3 STAIR CANOPY ROOF TO MP1
 3" = 1'-0"



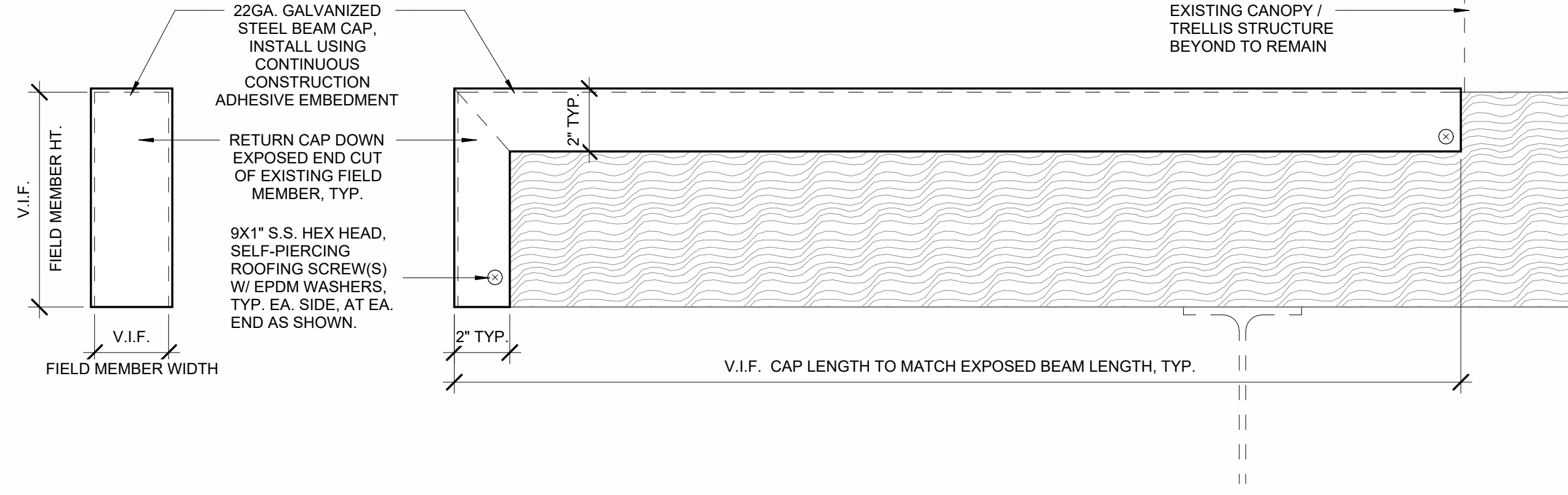
6 STAIR CANOPY SOFFIT AT HEAD WALL
 3" = 1'-0"



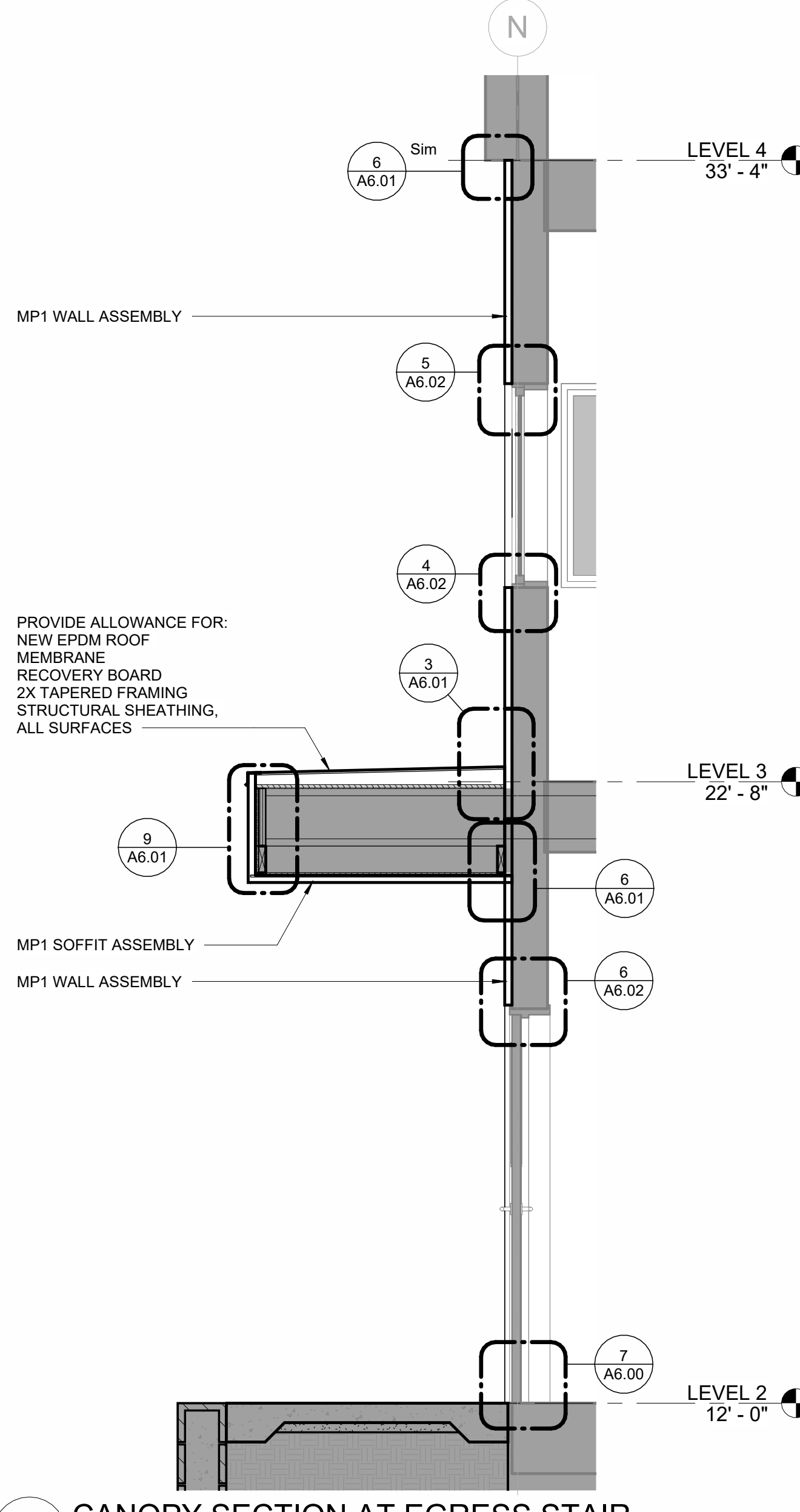
9 STAIR CANOPY FASCIA SECTION
 3" = 1'-0"



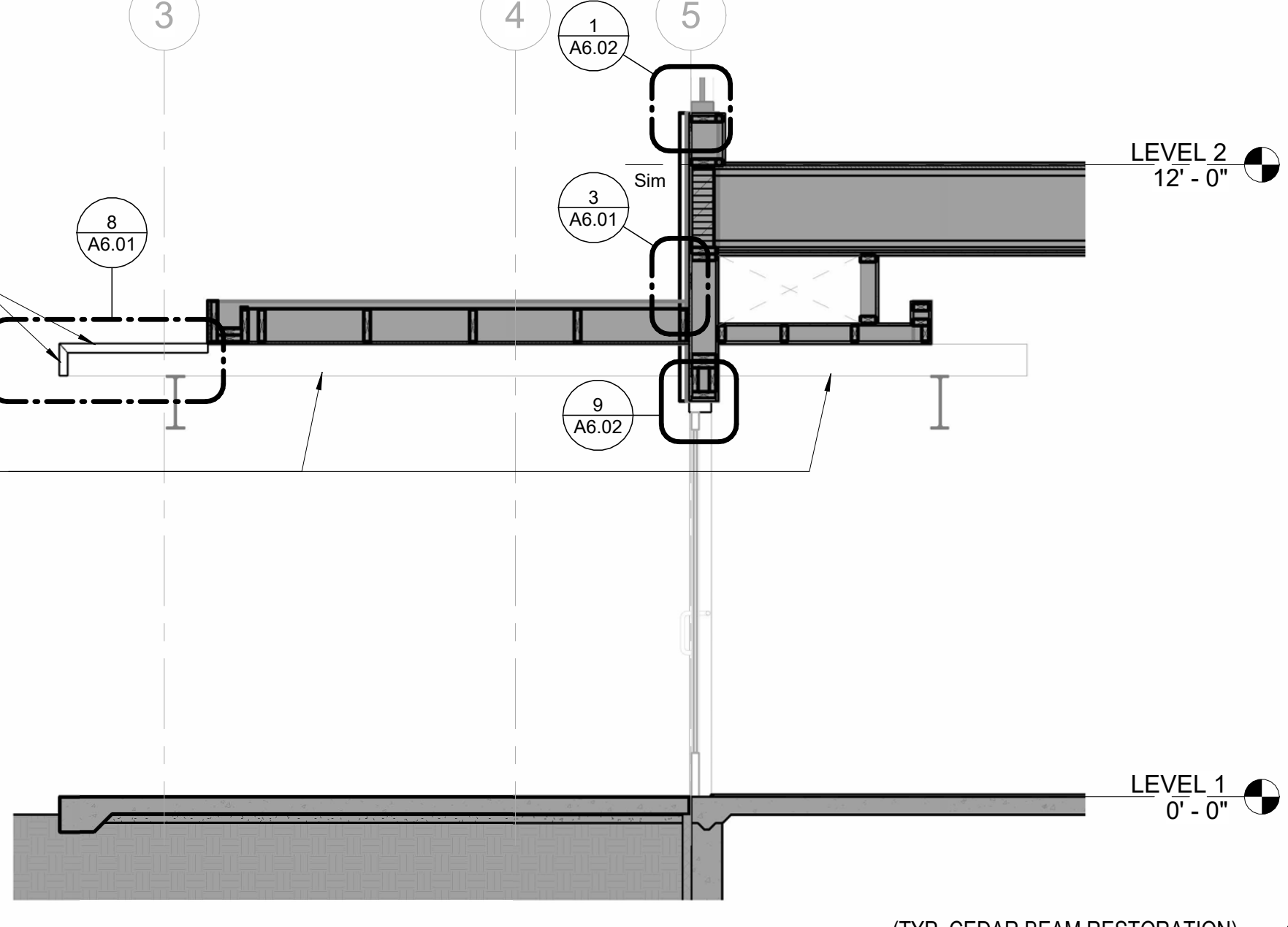
12 STAIR CANOPY SOFFIT ENLARGED RCP
 1/2" = 1'-0"



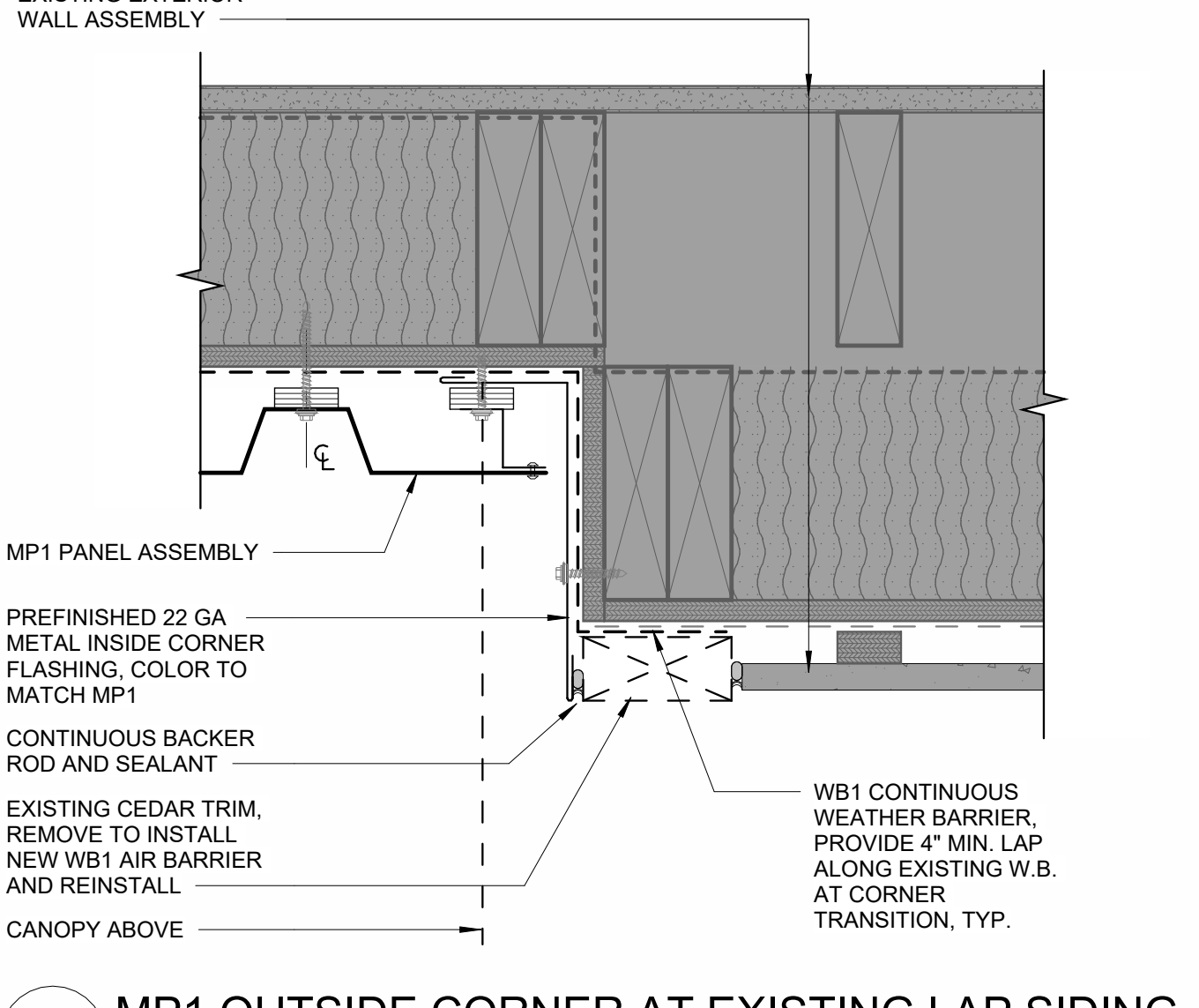
8 TYPICAL CEDAR BEAM CAP
 3" = 1'-0"



1 CANOPY SECTION AT EGRESS STAIR
 1/2" = 1'-0"



4 ENTRY CANOPY AT E.6
 3/8" = 1'-0"



10 MP1 OUTSIDE CORNER AT EXISTING LAP SIDING
 3" = 1'-0"

PROVIDE 22GA GALVANIZED BEAM CAPS, AT ALL EXPOSED CEDAR BEAMS AND OUTRIGGERS, TYP.

PROVIDE CEDAR BEAM RESTORATION USING THE FOLLOWING PROCESS:
 1. STRIP EXISTING FINISH OF THE ENTIRE MEMBER USING 'STRIP IT ALL'.
 2. THEN, APPLY 'X180 WEATHERED WOOD RESTORER, TO CLEAN AND RESTORE CEDAR BEAMS TO A RAW FINISH.
 3. THEN, APPLY 'X100 NATURAL SEAL PREFINISH', A PENETRATING WOOD PRETREATMENT.
 4. FINALLY, APPLY 'X100 NATURAL SEAL'. THIS IS STAIN. CONTRACTOR TO SUBMIT FULL RANGE OF MANUFACTURE PROVIDED COLORS FOR FINAL SELECTION.

**ALL PRODUCTS SHOULD BE APPLIED TO THE ENTIRE EXISTING WOOD MEMBER(S) AND APPLIED USING MANUFACTURER'S WRITTEN INSTRUCTIONS, NO EXCEPTIONS. THIS PROCESS IS TYPICAL AT ALL EXPOSED CEDAR BEAMS AND/OR OUTRIGGERS.

(TYP. CEDAR BEAM RESTORATION)



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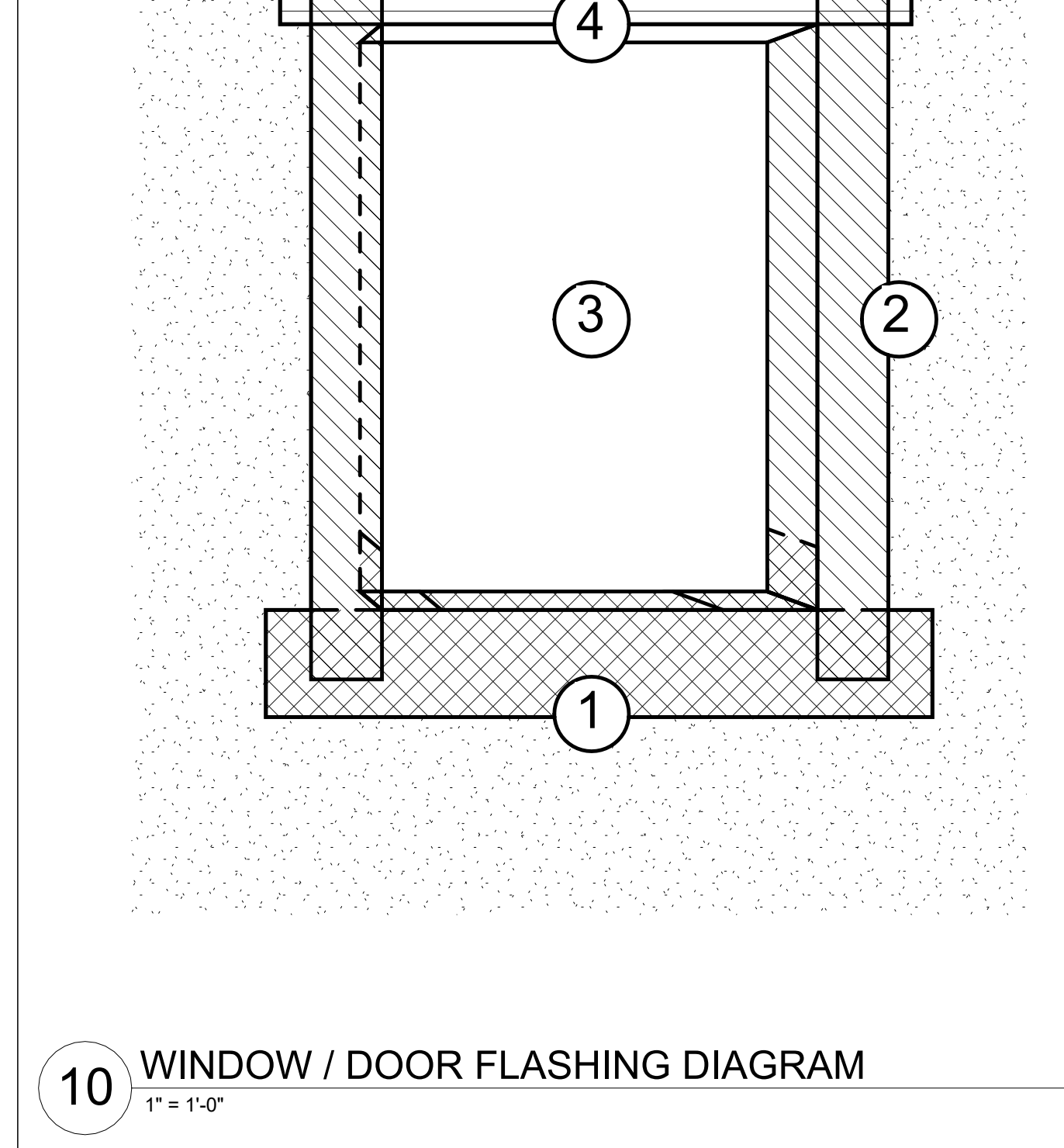
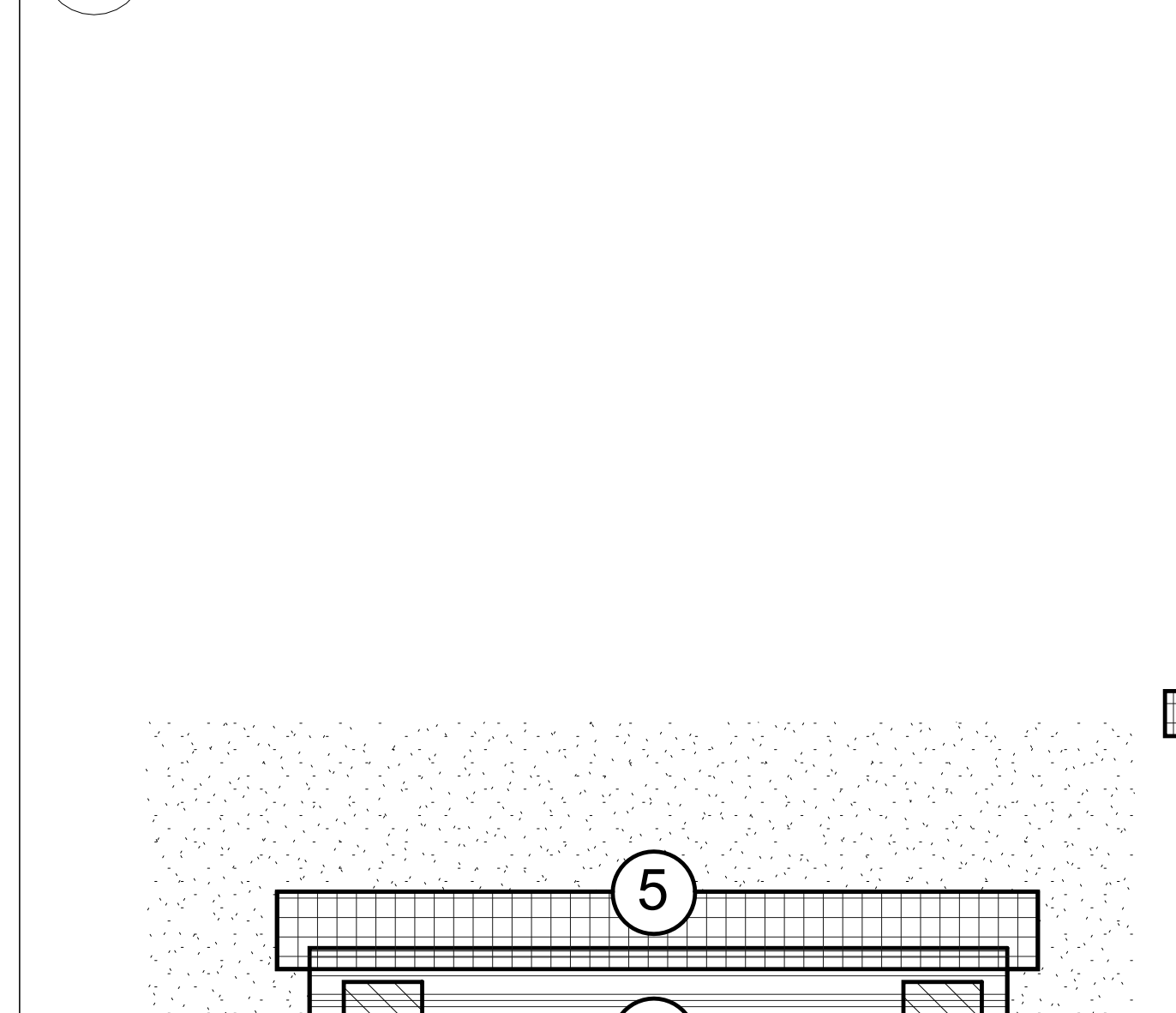
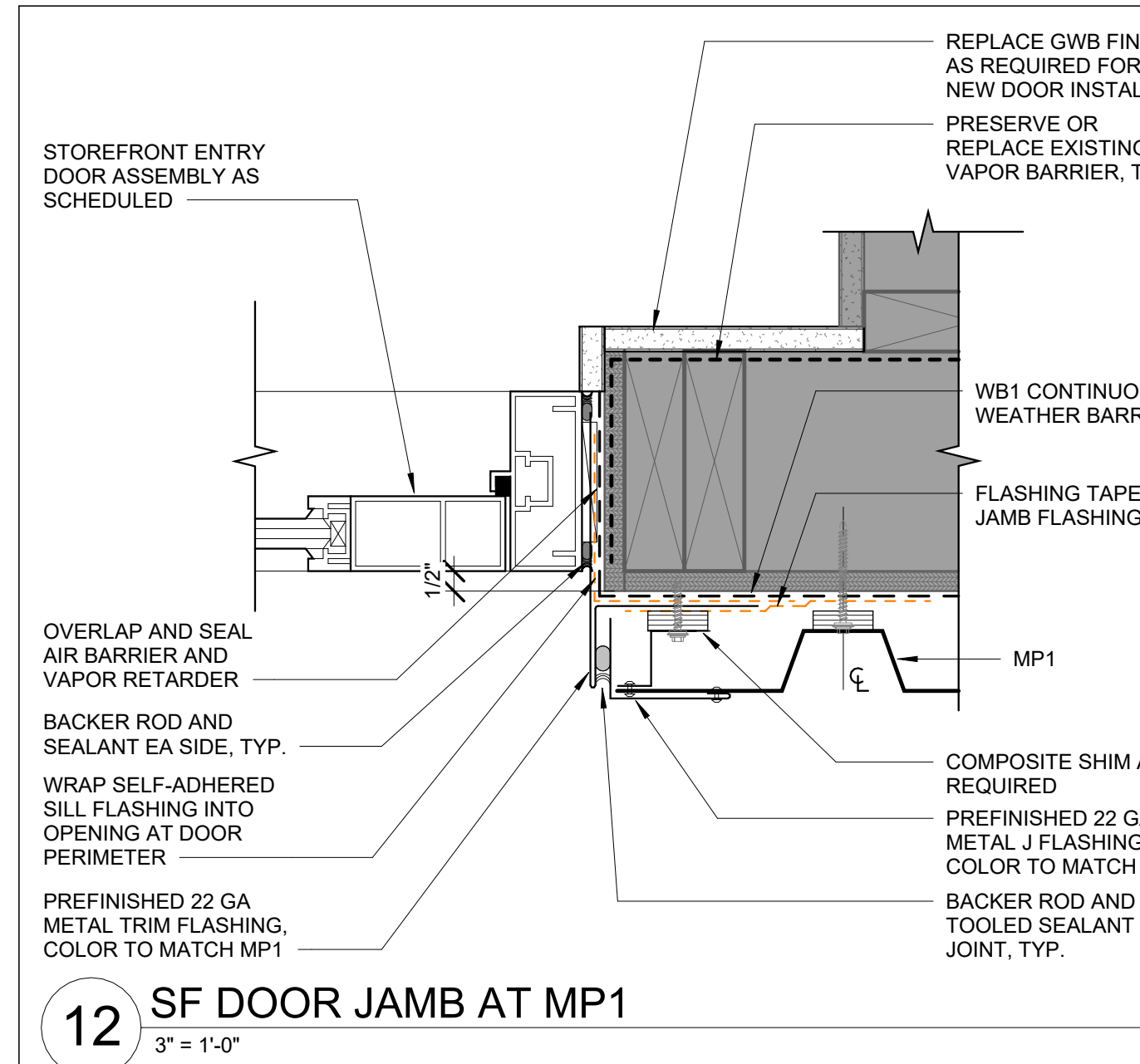
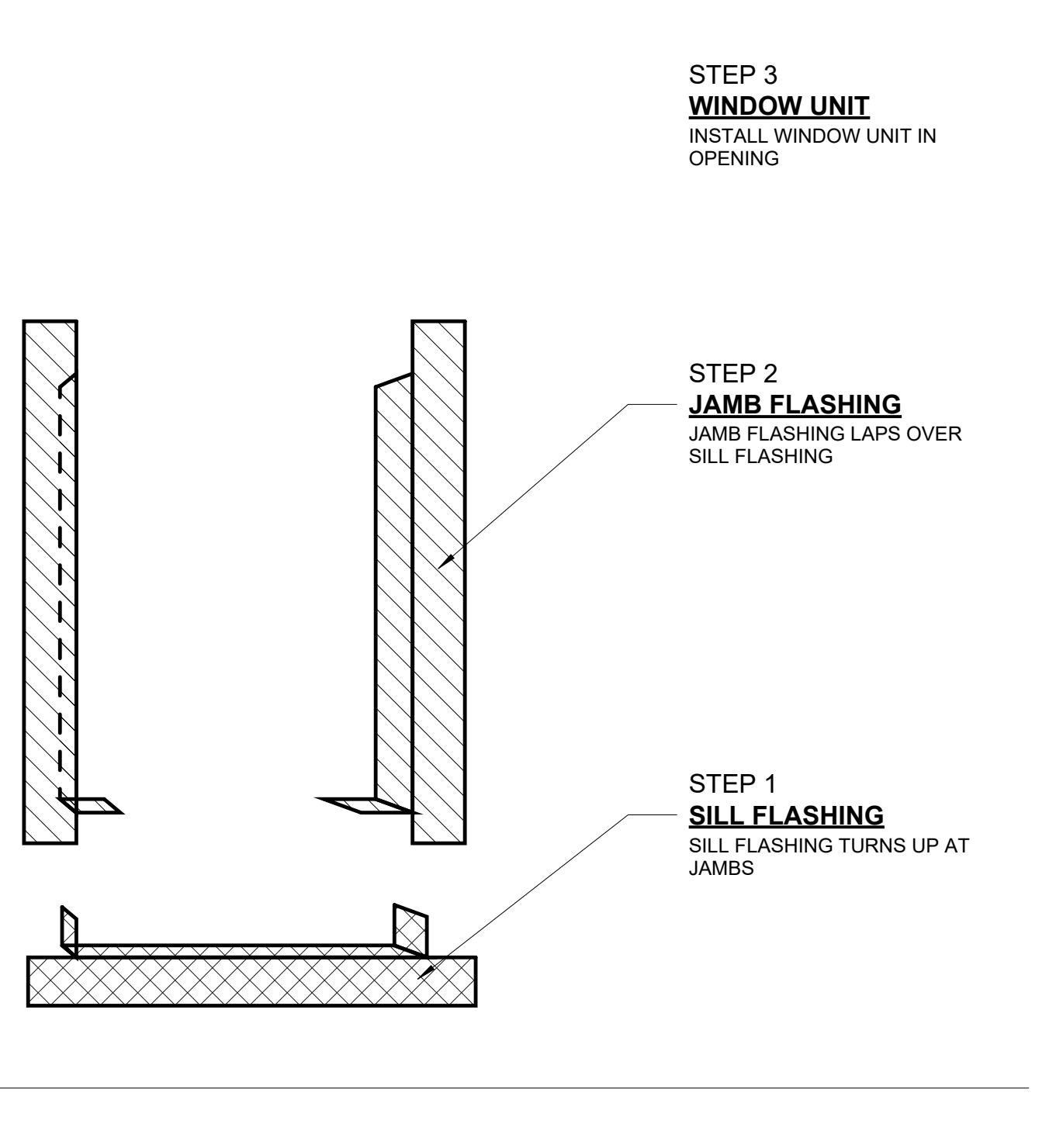
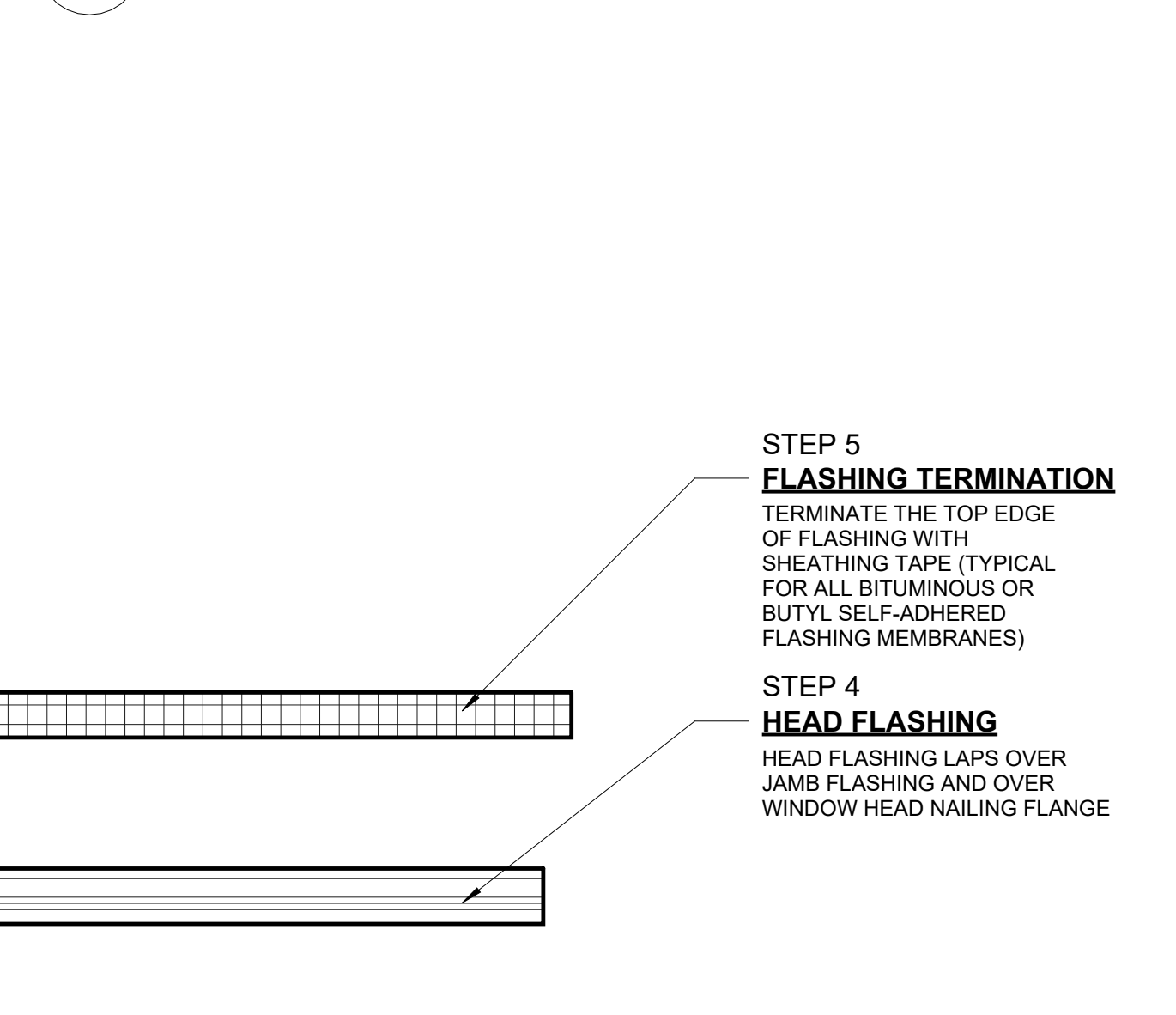
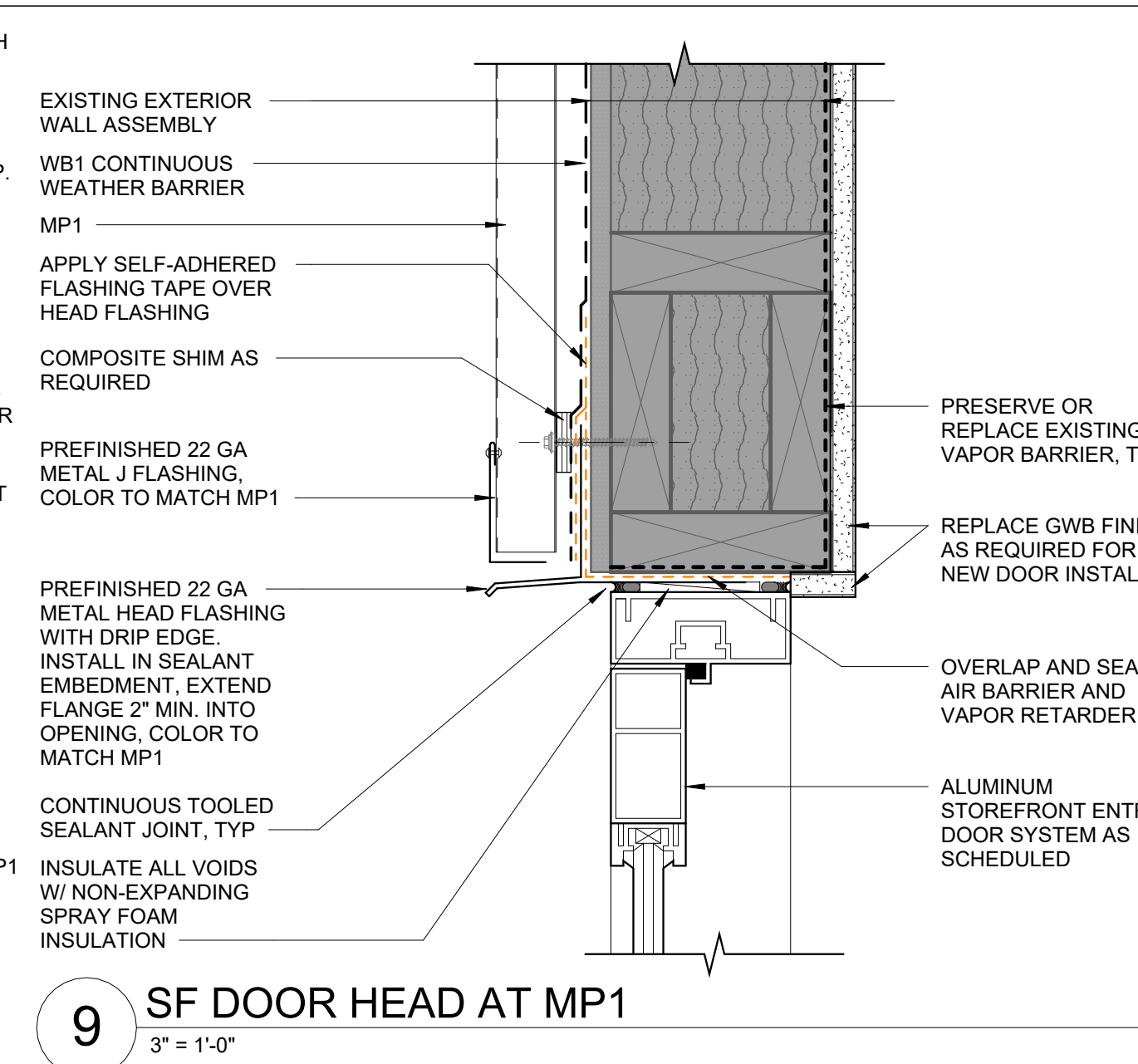
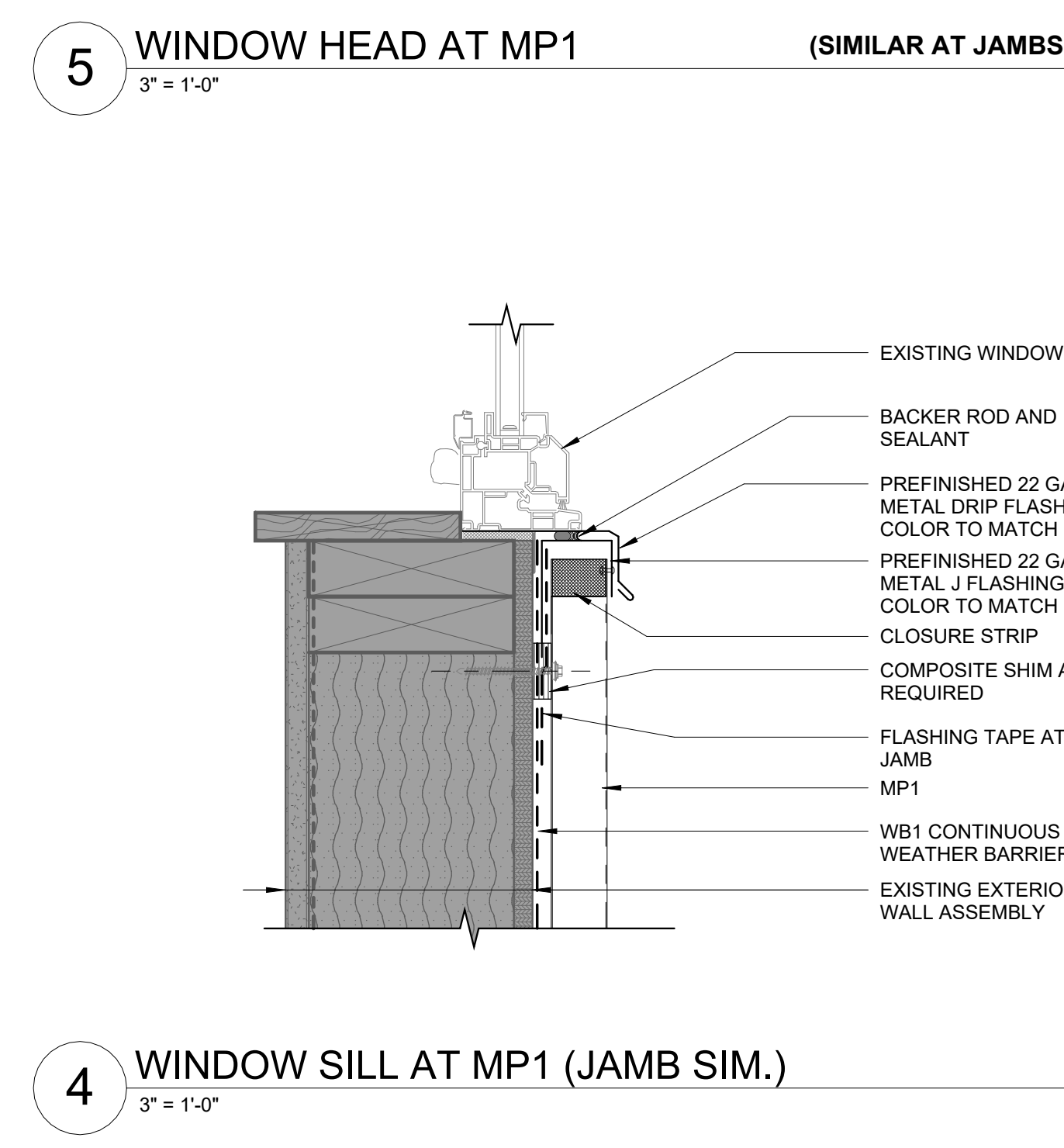
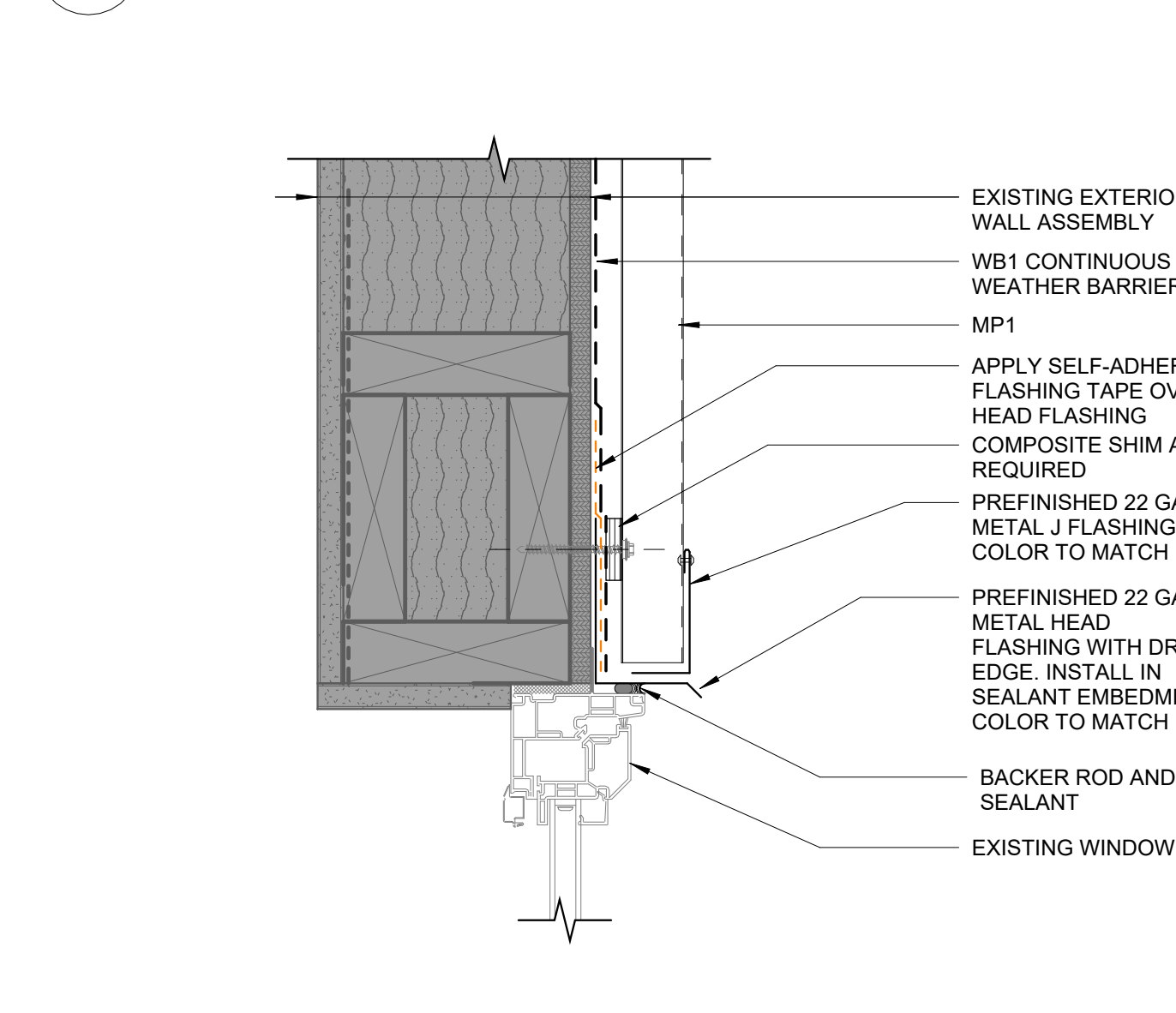
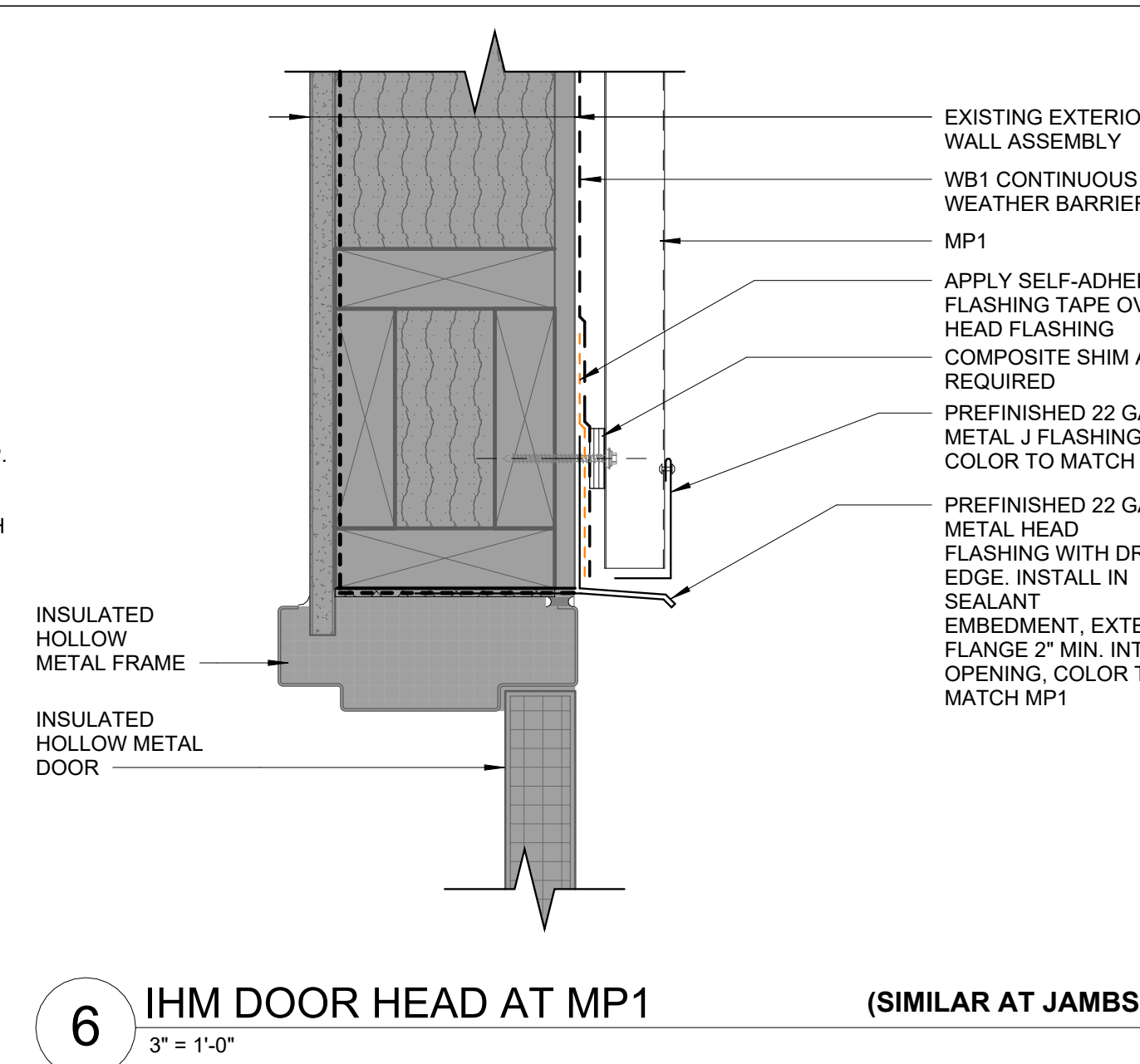
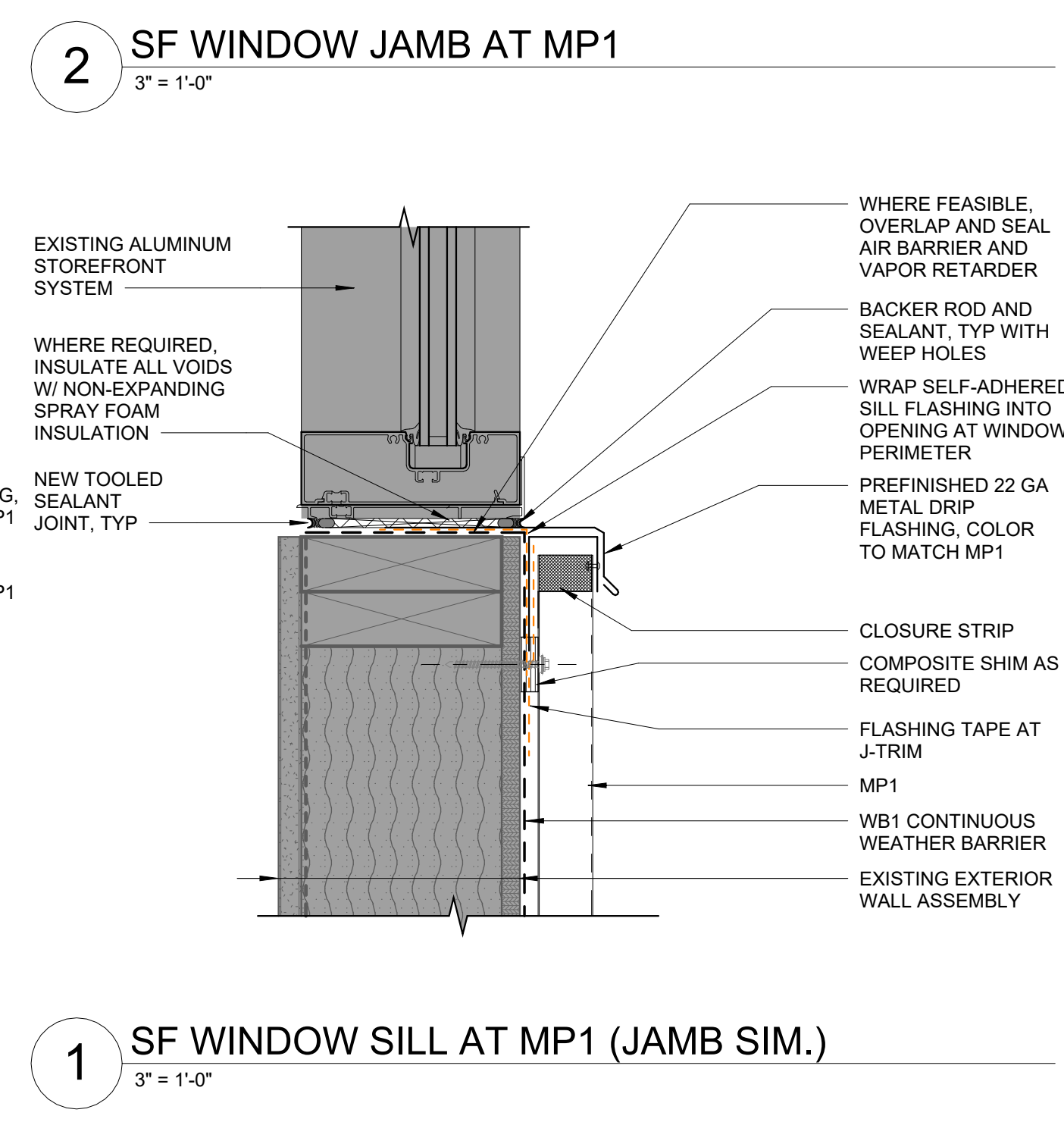
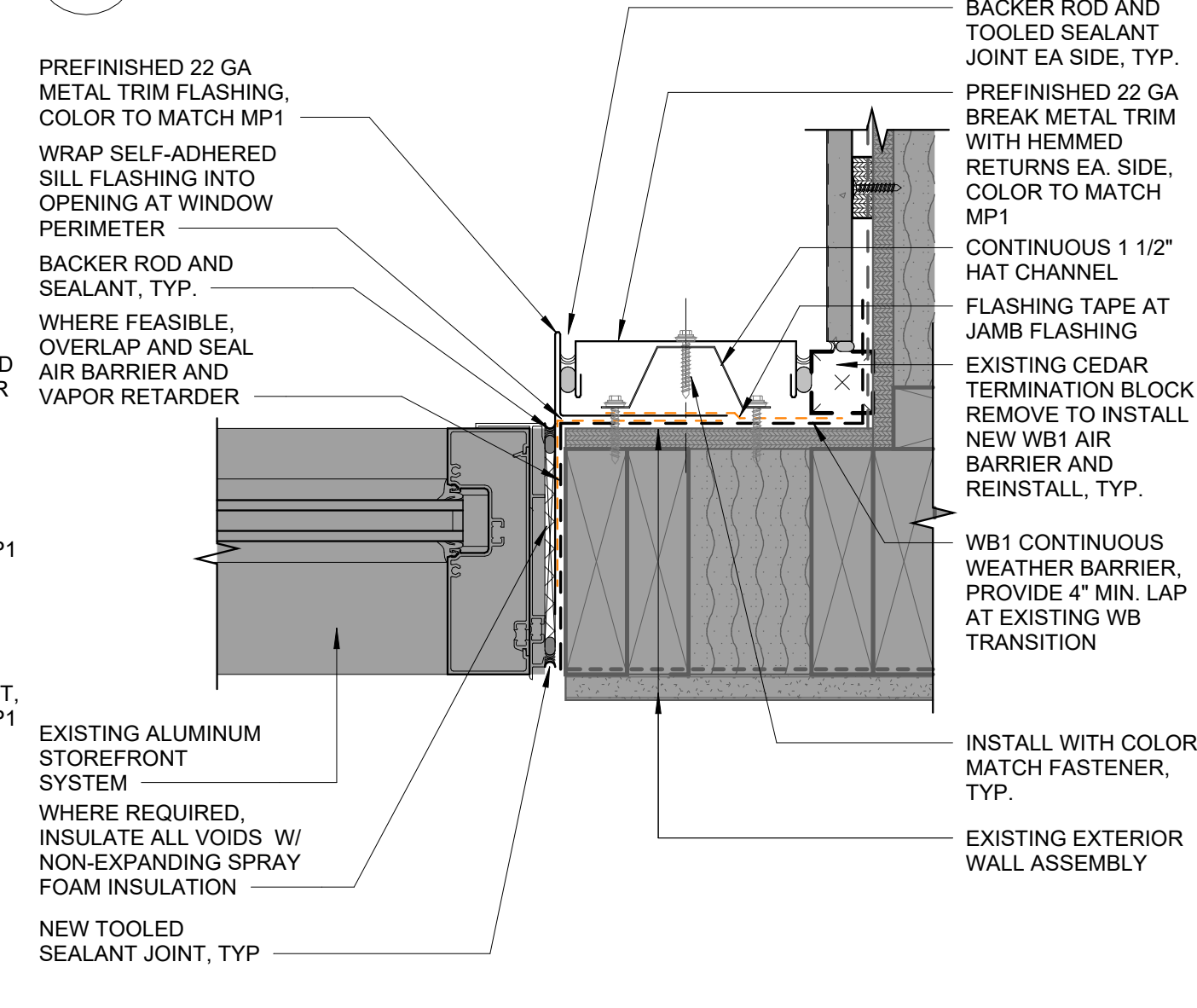
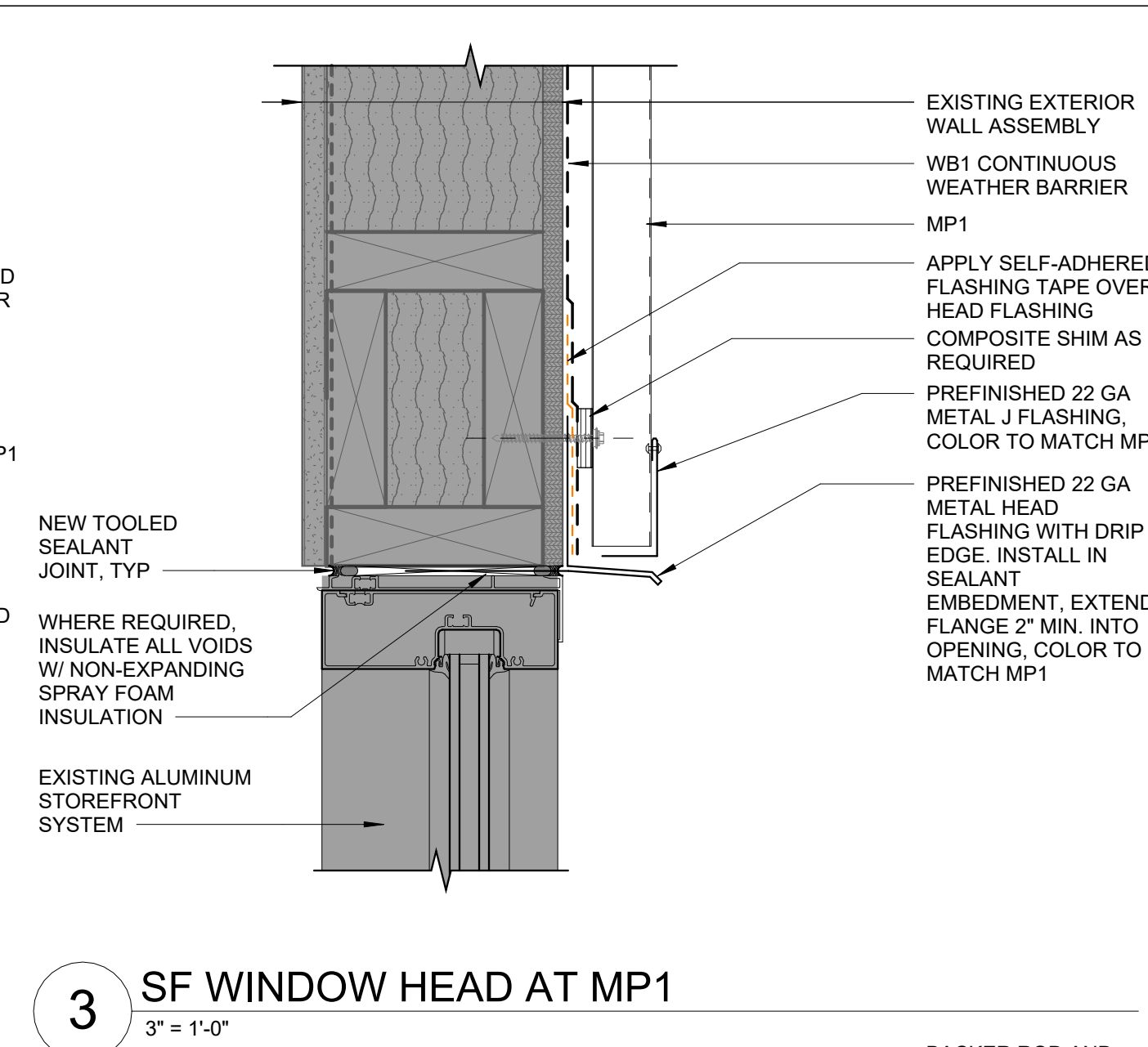
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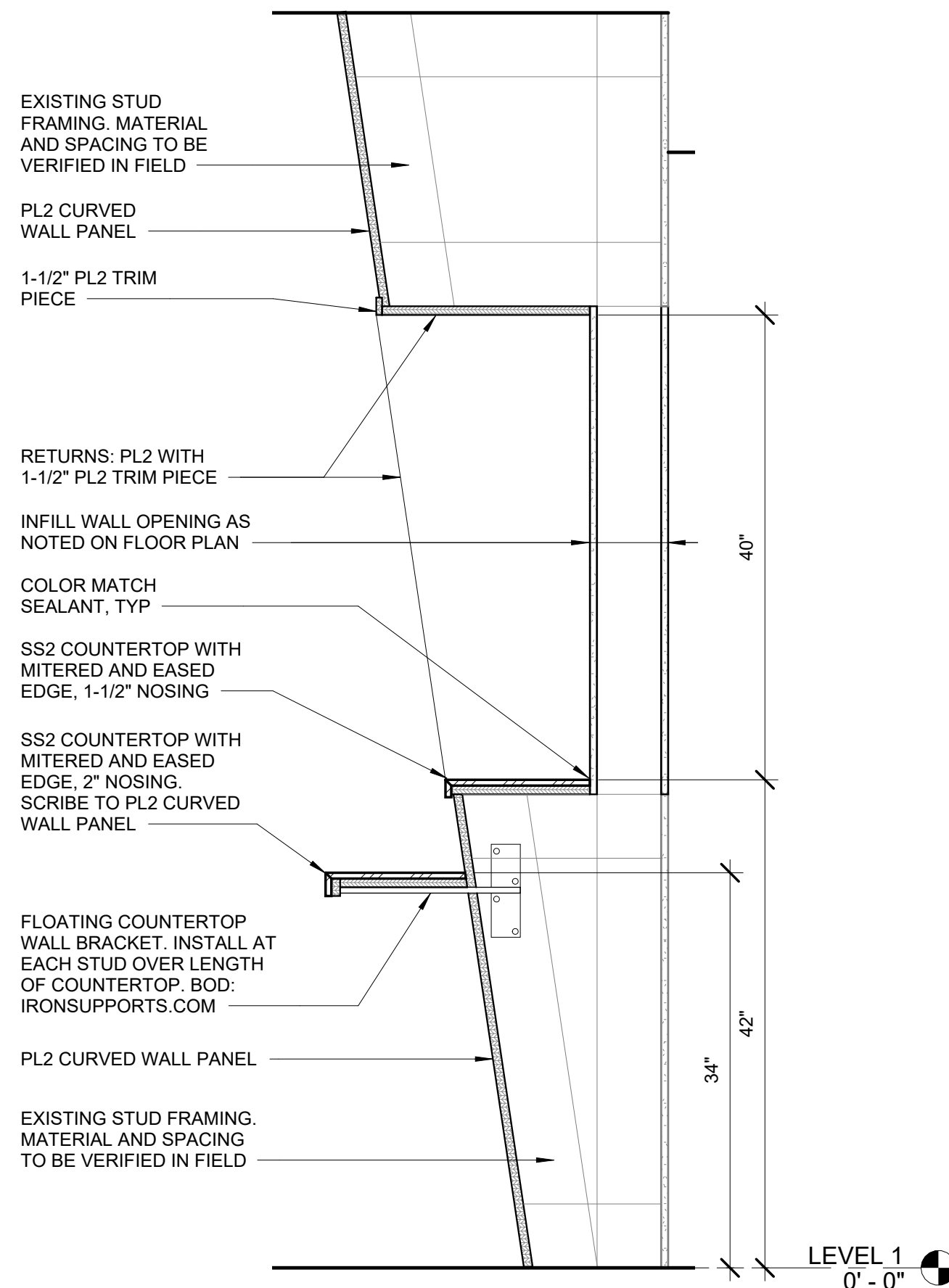
SHEET NAME
 DETAILS - OPENINGS

SHEET NO.
A6.02

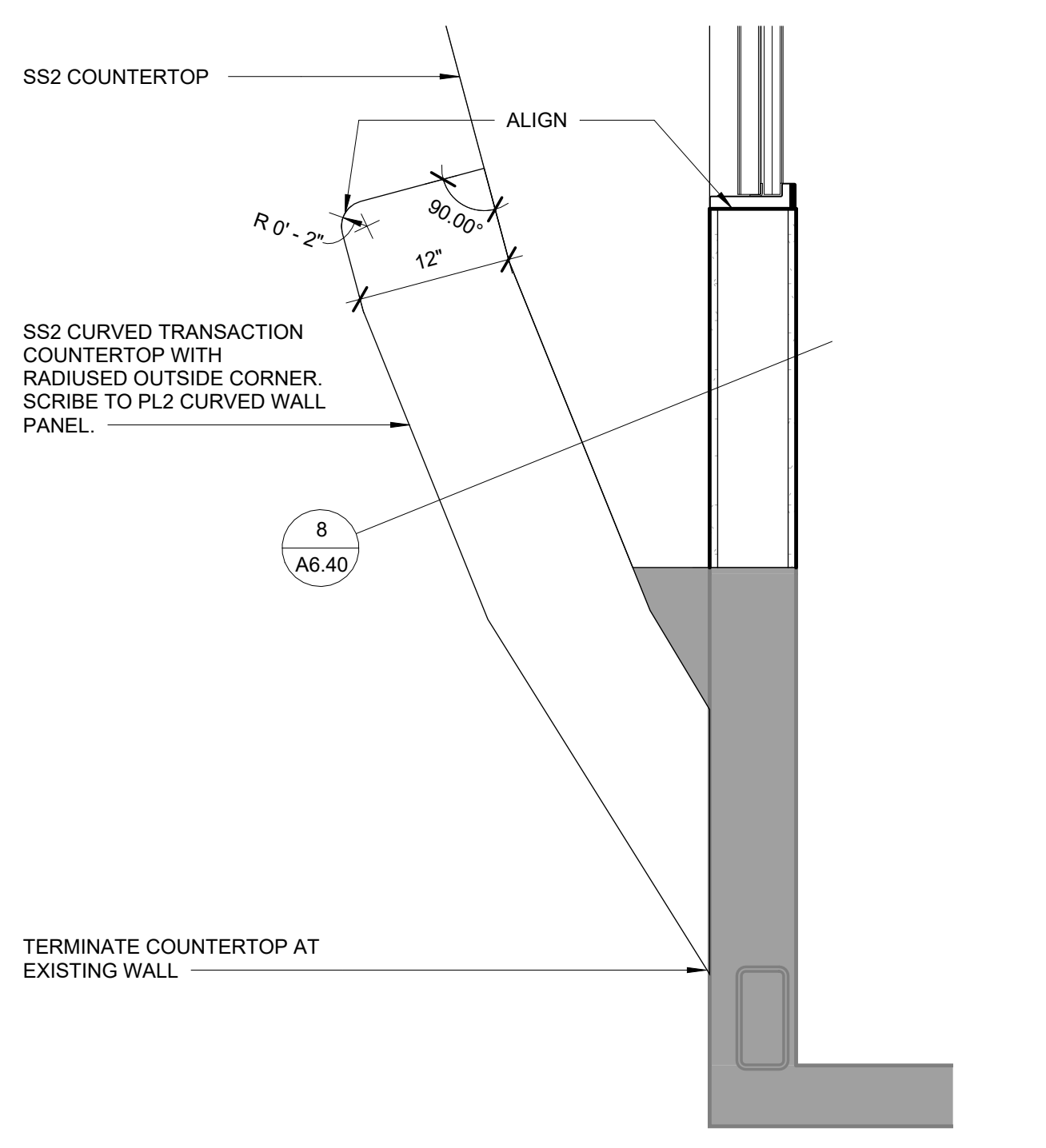
HALF SCALE WHEN PRINTED AT 11x17



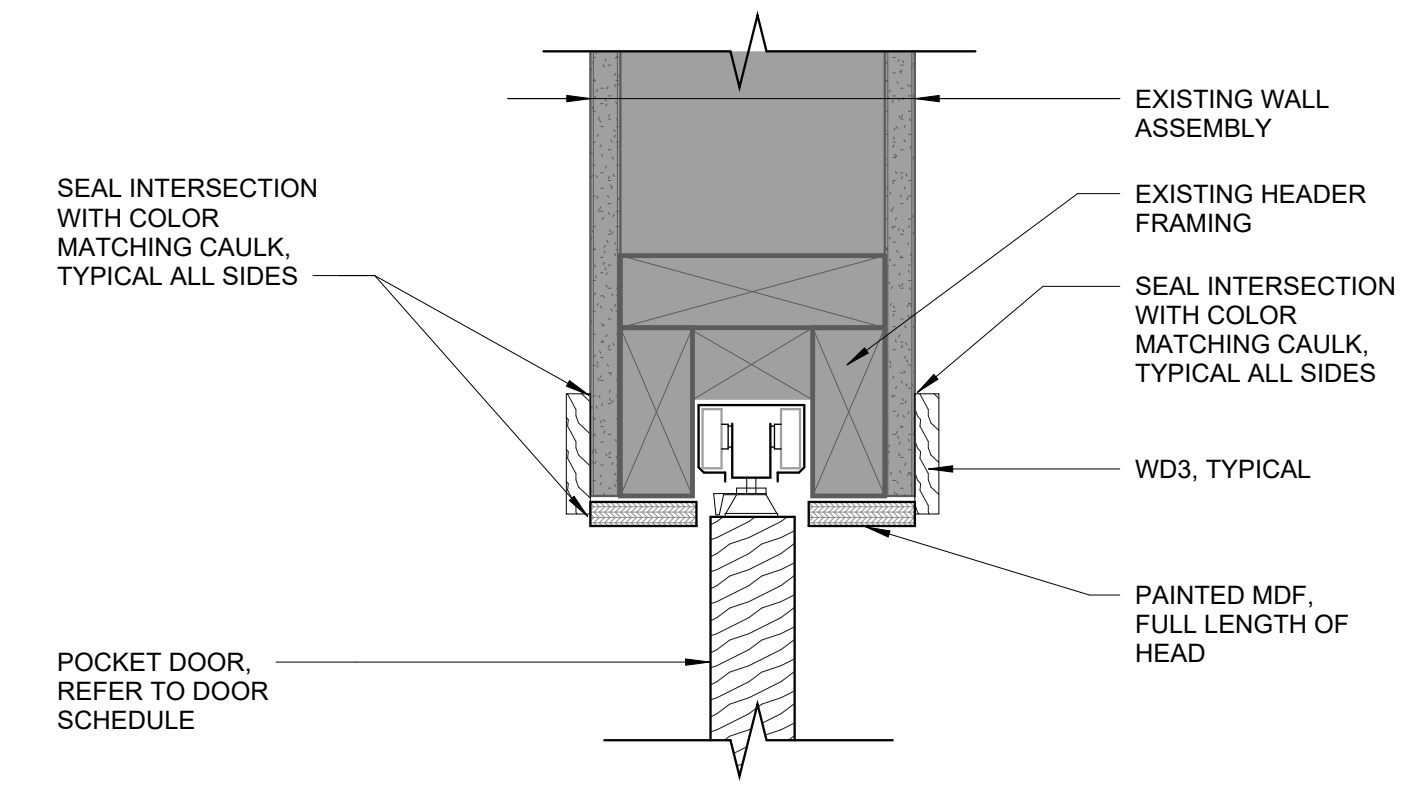
10 WINDOW / DOOR FLASHING DIAGRAM
 1" = 1'-0"



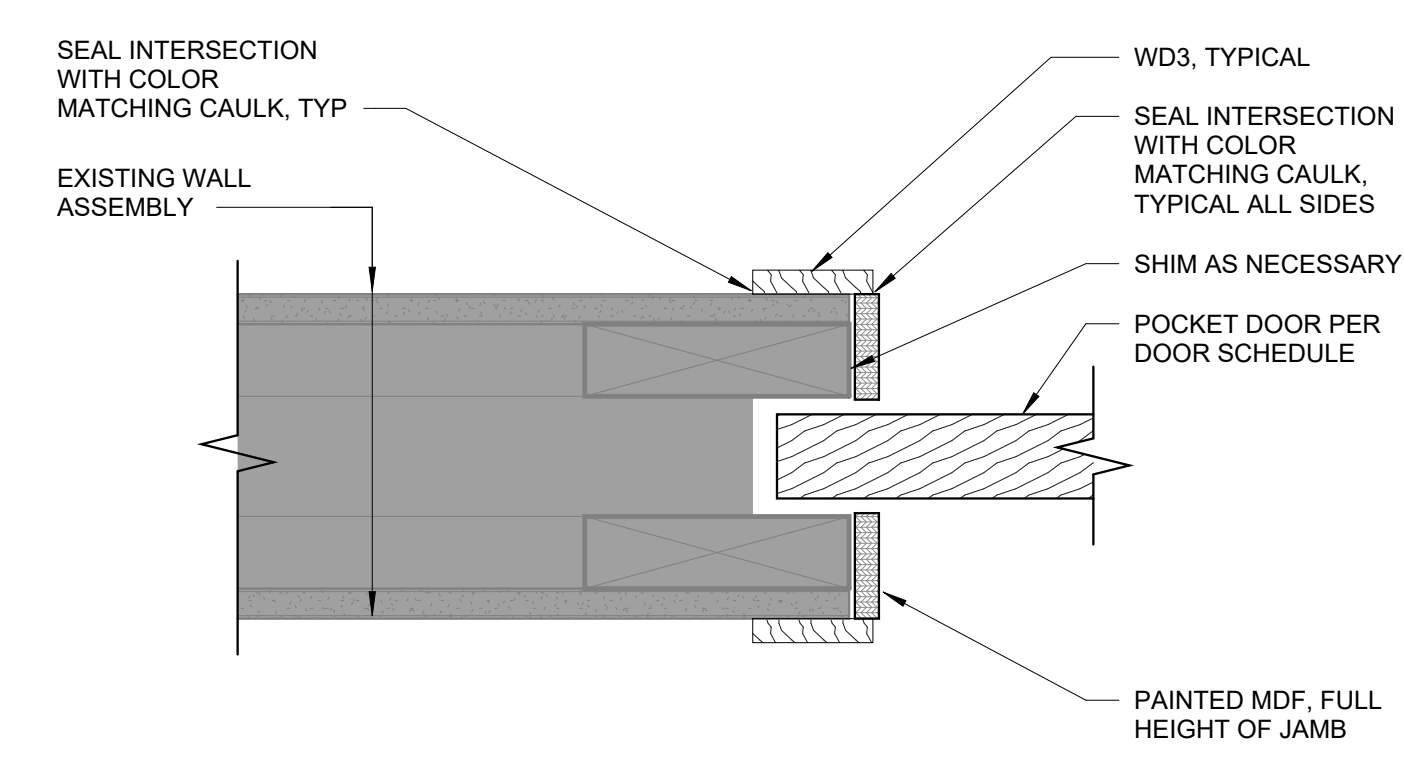
8 TRANSACTION COUNTERTOP SECTION
1" = 1'-0"



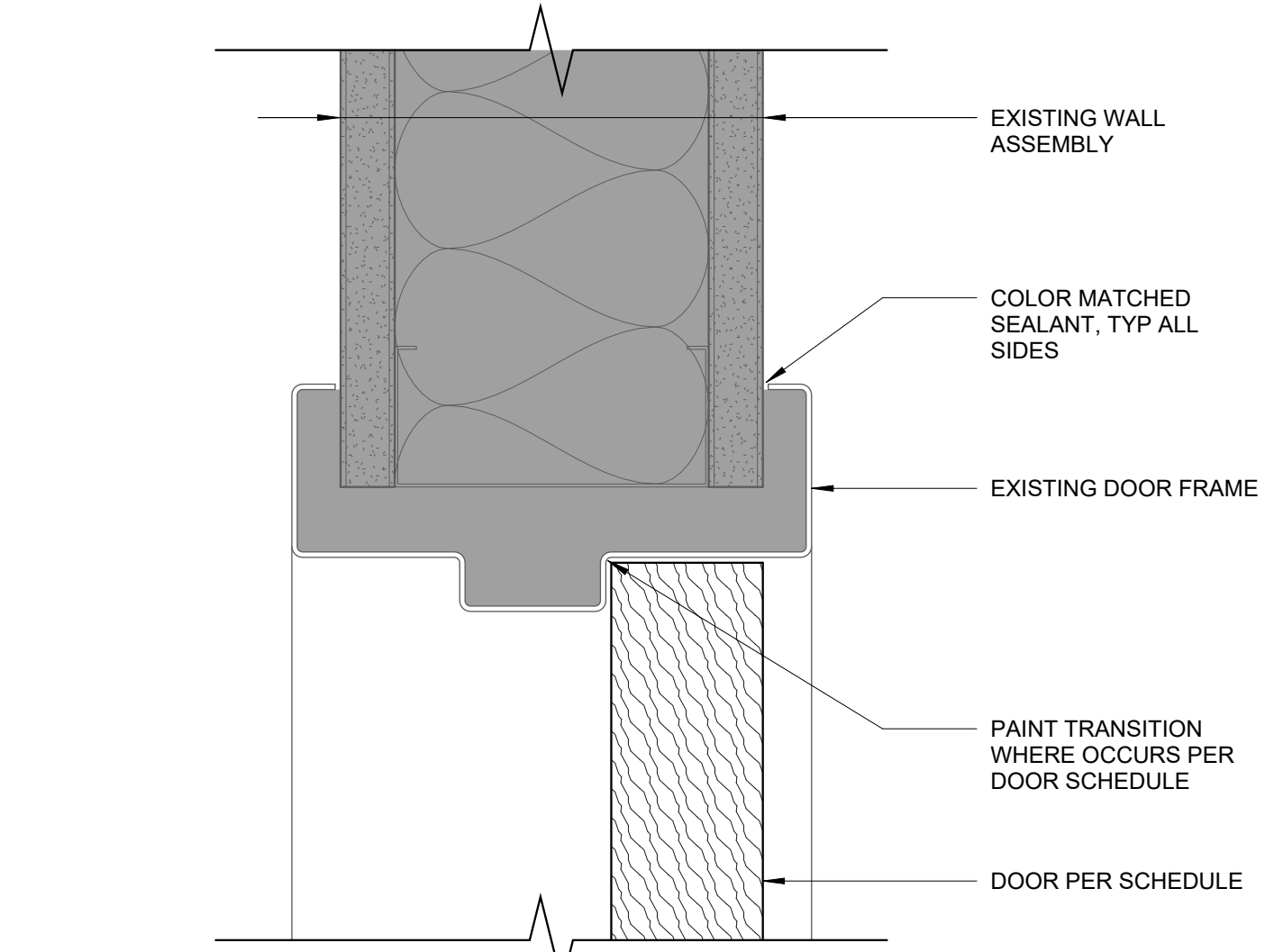
7 TRANSACTION COUNTERTOP PLAN DETAIL
1" = 1'-0"



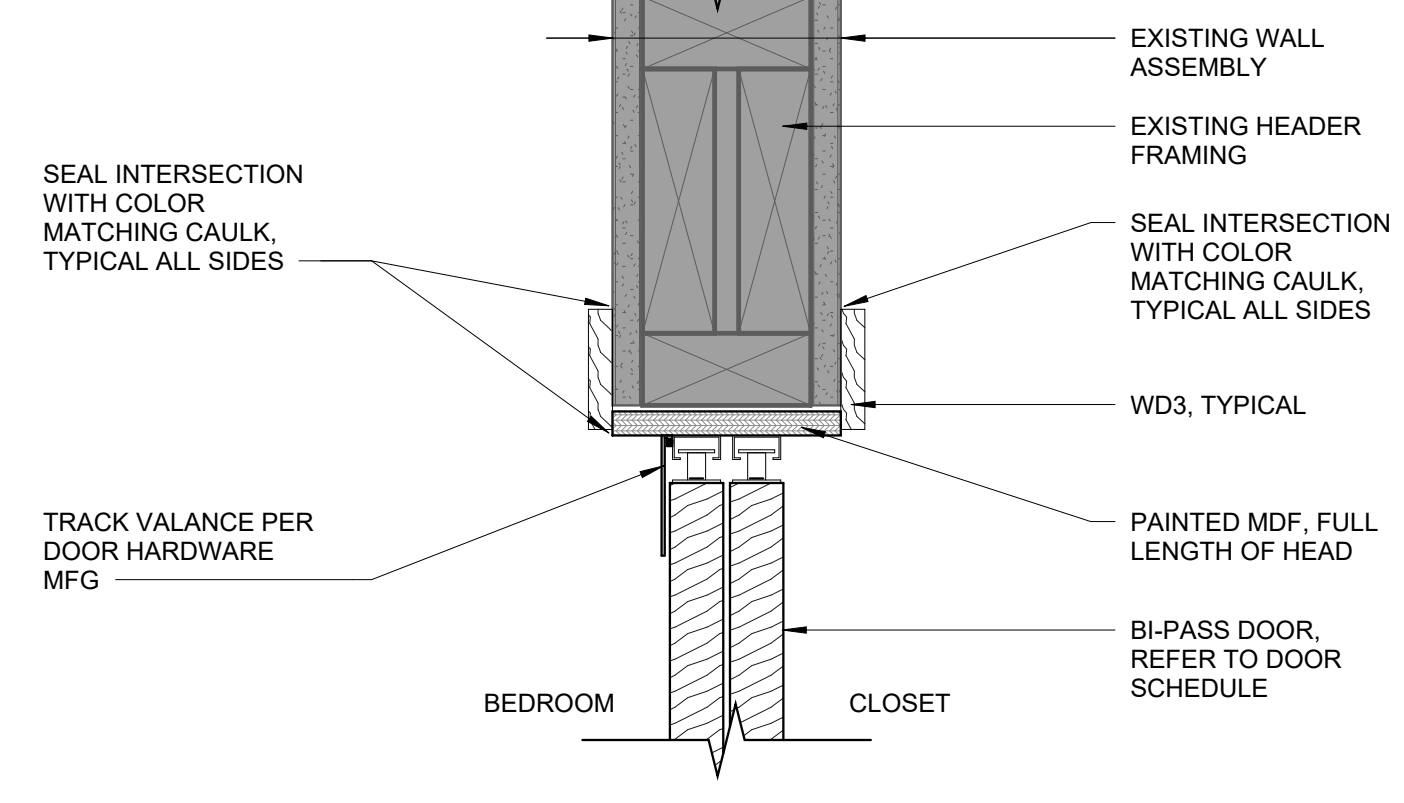
6 POCKET DOOR HEAD DETAIL
3" = 1'-0"



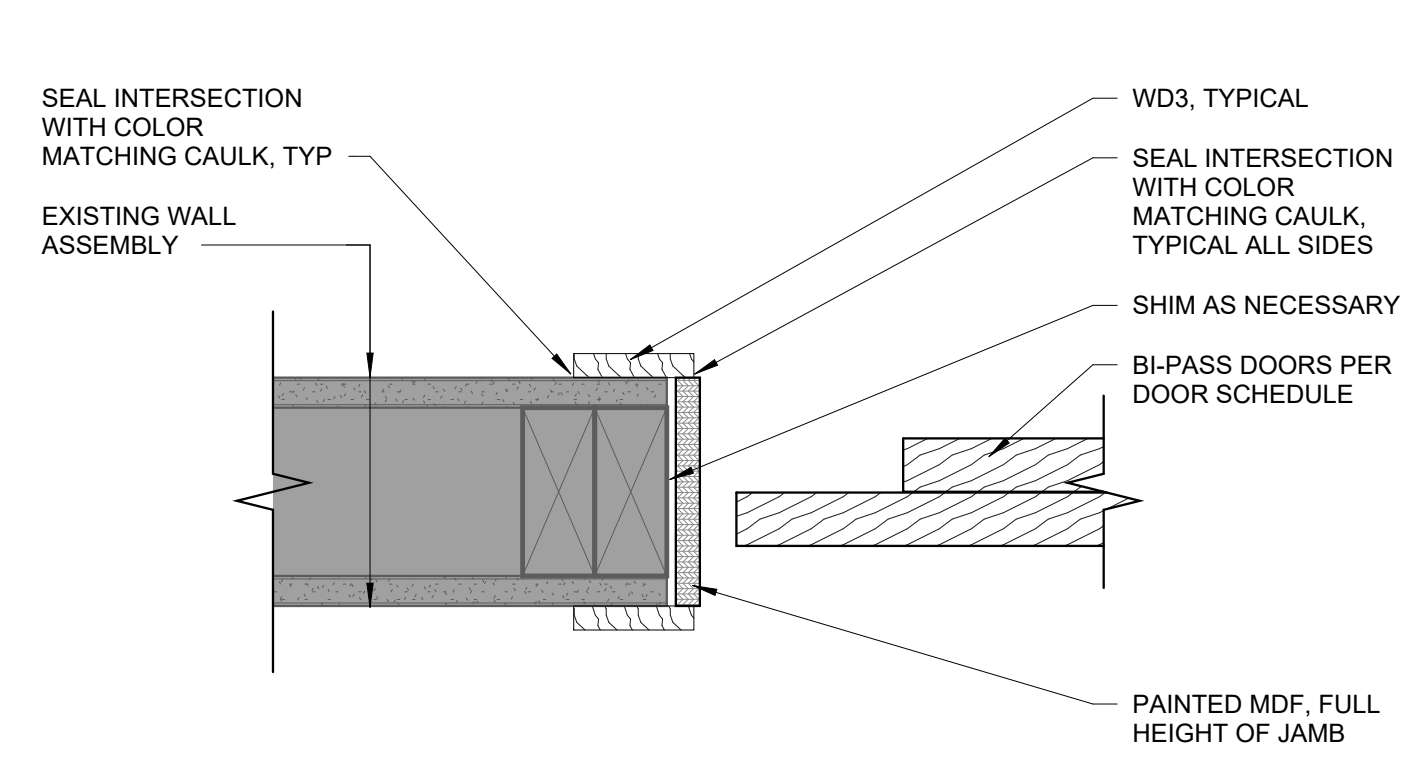
5 POCKET DOOR JAMB DETAIL
3" = 1'-0"



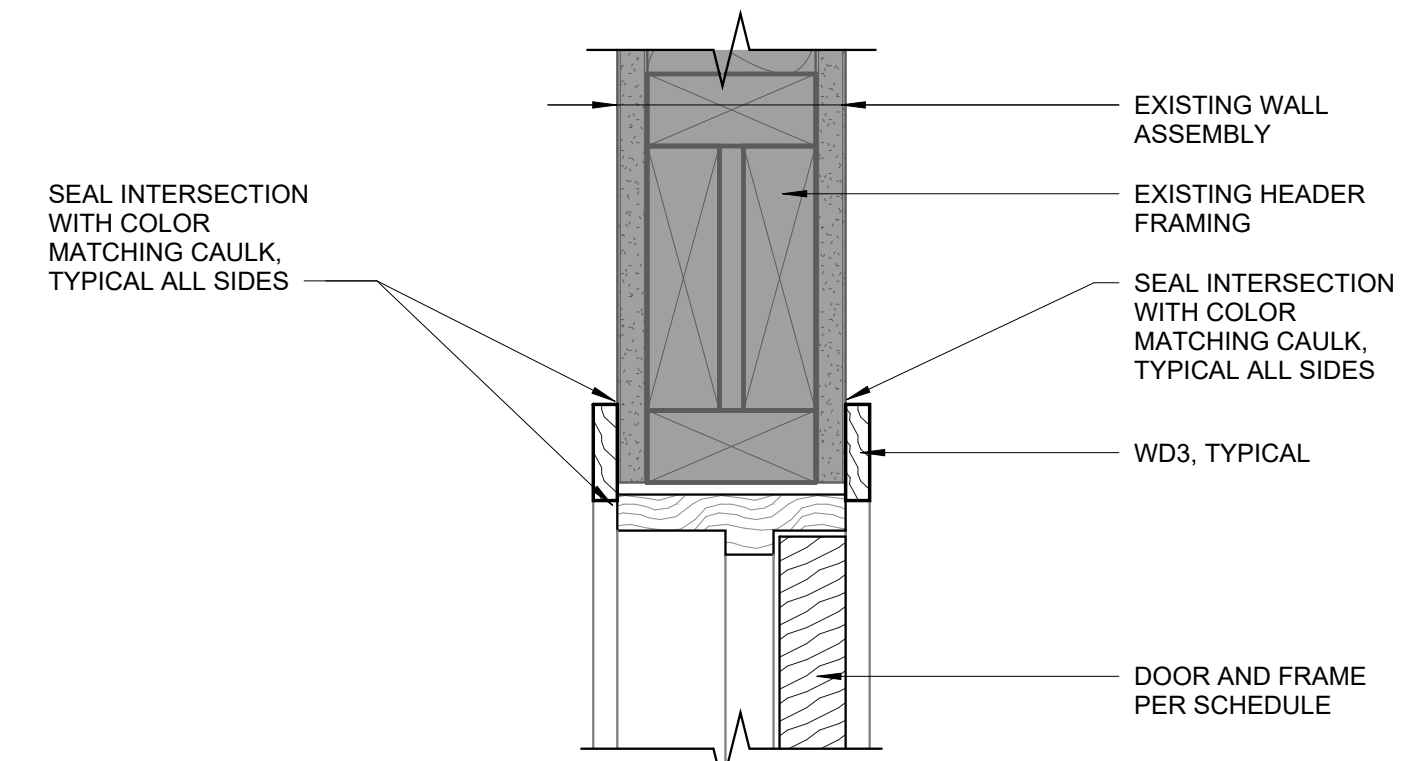
4 INT HM DOOR HEAD (JAMB SIM.)
6" = 1'-0"



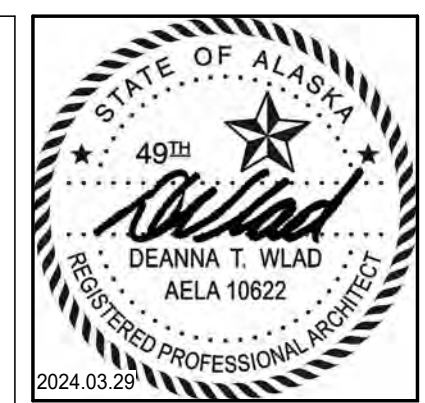
3 INTERIOR BI-PASS DOOR HEAD DETAIL
3" = 1'-0"



2 INTERIOR BI-PASS DOOR JAMB
3" = 1'-0"



1 WOOD DOOR FRAME HEAD DETAIL (JAMB SIM.)
3" = 1'-0"



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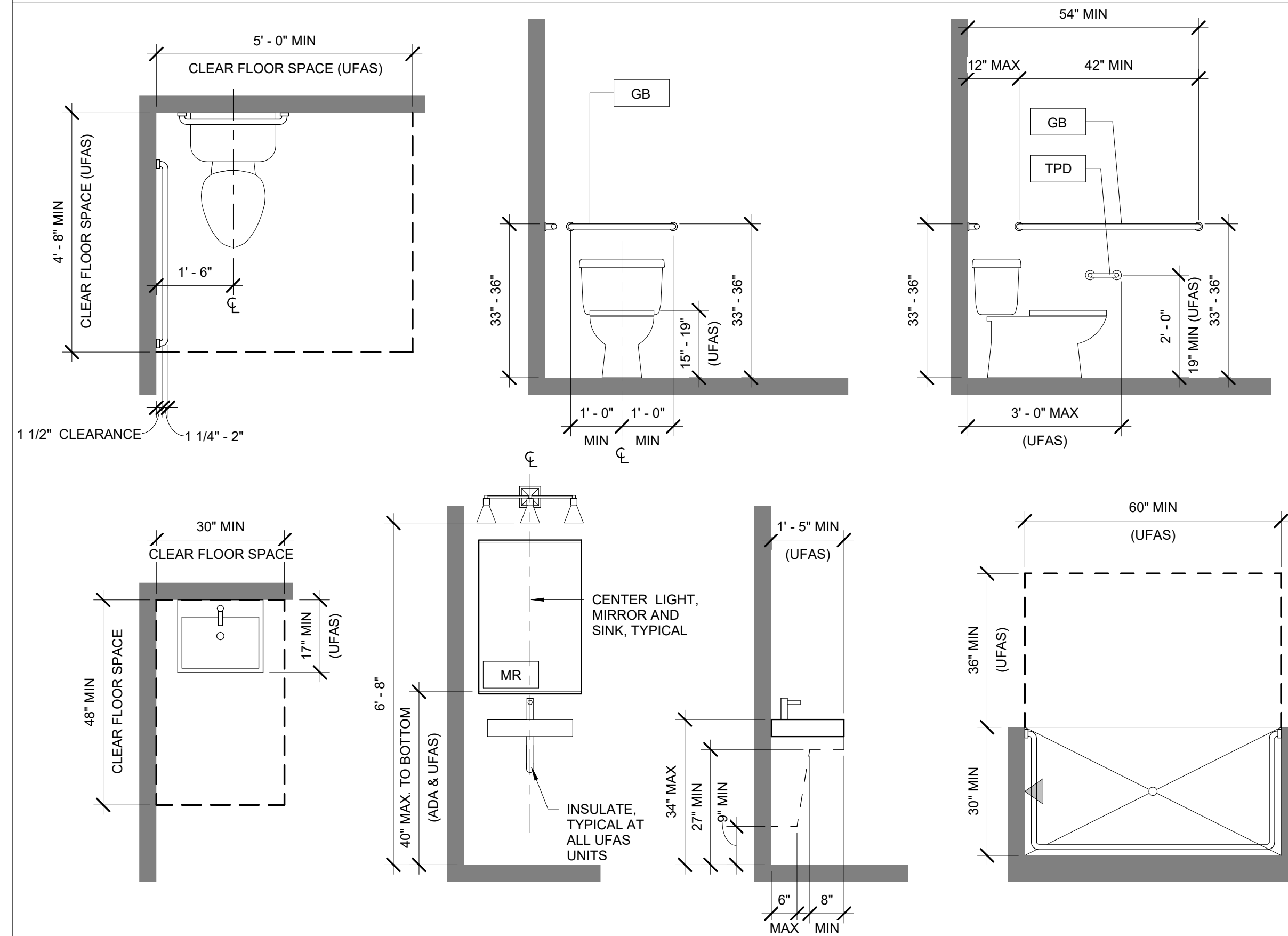
REVISION SCHEDULE		
#	DESCRIPTION	DATE

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SHEET NAME
 INTERIOR DETAILS

SHEET NO.
A6.40

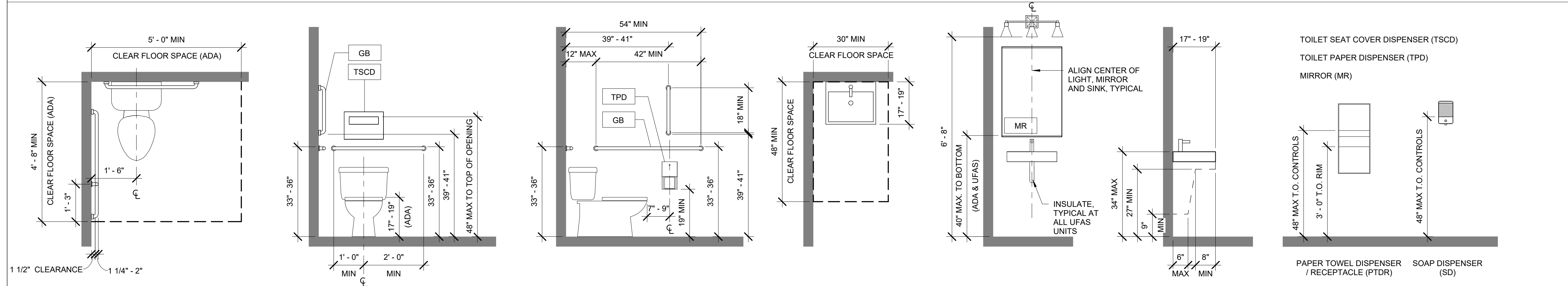
UFAS FIXTURE AND ACCESSORY MOUNTING HEIGHTS - RESIDENTIAL UNITS



INTERIOR ELEVATIONS: GENERAL NOTES

- REFER TO A5.05 FOR MATERIAL SCHEDULES.
- ALL CASEWORK SHALL BE WD1. ALL COUNTERTOPS TO BE PL1, UNLESS OTHERWISE NOTED.
- 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. CASEWORK IS BASED ON ORIGINAL BUILDING RECORD DRAWINGS. CONTRACTOR TO VERIFY CASEWORK DIMENSIONS IN FIELD.
- COUNTERTOPS AND BACKSPASHES SHALL RECEIVE COLOR MATCHED SEALANT AT ALL WALL AND WALL/BACKSPASH INTERSECTIONS.
- ALL CASEWORK SHALL HAVE 1" MINIMUM FILLER PANELS TO MATCH CASEWORK AT EDGES ADJACENT TO PERPENDICULAR WALLS.
- '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.
- CASEWORK DOOR/DRAWER PULL BASIS OF DESIGN IS NOTED ON A5.05.
- REFER TO FLOOR PLANS FOR EXTENT OF FLOORING, ACCENT PAINT, AND CORNER GUARD LOCATIONS.
- INSULATE PIPES AT ALL SINK LOCATIONS WITH EXPOSED PIPING IF SHROUD IS NOT PROVIDED.
- 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.
- 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.
- CONTRACTOR TO PROVIDE AND INSTALL BLOCKING FOR WALL MOUNTED TOILET ACCESSORIES, EQUIPMENT, SIGNAGE, ETC.
- REFER TO MECHANICAL DRAWINGS FOR ALL PLUMBING FIXTURES AND ELECTRICAL DRAWINGS FOR ALL LIGHT FIXTURES.

ADA FIXTURE AND ACCESSORY MOUNTING HEIGHTS - PUBLIC RESTROOMS



APPLIANCES / TOILET ROOM ACCESSORIES / SPECIALTY EQUIPMENT

CODE	DESCRIPTION	MANUFACTURER	MODEL	FINISH	COMMENTS
APPLIANCES - TENANT UNIT					
DW1	DISHWASHER	GE APPLIANCES	GDP630PGRWW	WHITE	24" WIDE DISHWASHER, ENERGY STAR QUALIFIED, PLASTIC INTERIOR
REF1	REFRIGERATOR	GE APPLIANCES	GIE22JTRNWW	WHITE	ENERGY STAR QUALIFIED, 21.9 CU. FT. TOP-FREEZER REFRIGERATOR
RG1	RANGE	GE APPLIANCES	JB258DMWW	WHITE	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.
APPLIANCES - UFAS TENANT UNIT					
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 FRONT, ADA COMPLIANT
RH1	RANGE HOOD	PER MECHANICAL	PER MECHANICAL	WHITE	30" UNDERCABINET HOOD, REFER TO INTERIOR ELEVATIONS FOR UFAS COMPLIANT SWITCH AT UFAS UNITS.

APPLIANCE: GENERAL NOTES
 1. CONTRACTOR TO TEST RUN APPLIANCES AFTER INSTALLATION.

APPLIANCES / TOILET ROOM ACCESSORIES / SPECIALTY EQUIPMENT

CODE	DESCRIPTION	MANUFACTURER	MODEL	FINISH	COMMENTS
PUBLIC TOILET ACCESSORIES					
MR2	MIRROR	-	20X36 POLISHED EDGES	SATIN NICKEL	TO WALL WITH MASTIC AND ALUMINUM J-MOLD AT TOP AND BOTTOM.
PTDR	PAPER TOWEL DISPENSER / RECEPTACLE	BOBRICK	B-3699	SATIN-FINISH STAINLESS STEEL	--
SD	SOAP DISPENSER	BOBRICK	B-26627	SATIN-FINISH STAINLESS STEEL	--
TPD2	TOILET PAPER DISPENSER	BOBRICK	B-4288	SATIN-FINISH STAINLESS STEEL	--
TSCD	TOILET SEAT COVER DISPENSER	BOBRICK	B-4221	SATIN-FINISH STAINLESS STEEL	--
TOILET ACCESSORIES - TENANT UNIT					
MR1	MIRROR	-	36X36 POLISHED EDGES	SATIN NICKEL	MOUNT TO WALL WITH MASTIC AND ALUMINUM J-MOLD AT TOP AND BOTTOM.
SCR	SHOWER CURTAIN ROD	BOBRICK	B-207	SATIN-FINISH STAINLESS STEEL	HEAVY DUTY, COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION
TPD1	TOILET PAPER DISPENSER	MOEN / METHOD	YB2408CH	SATIN NICKEL	--
TR	TOWEL RING	MOEN / METHOD	YB2486CH	SATIN NICKEL	--



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TYONEK TERRACE RENOVATION
ANCHORAGE, ALASKA

REVISION SCHEDULE

#	DESCRIPTION	DATE

JOB NO. 21-031
 DATE 03/29/2024
 DRAWN SMM
 REVIEWED DTW

SHEET NAME
 STANDARD MOUNTING HEIGHTS AND CLEARANCES, ACCESSORY SCHEDULE, INTERIOR ELEVATIONS NOTES

SHEET NO.
A8.00

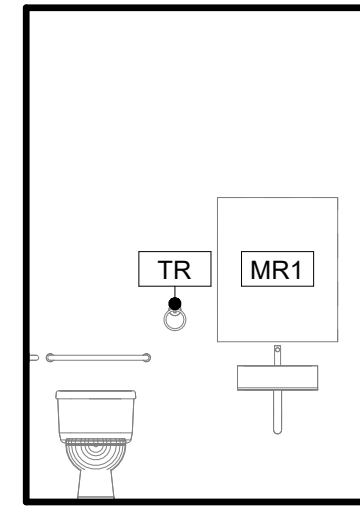
REFER TO A8.00 FOR INTERIOR ELEVATION GENERAL NOTES AND APPLIANCE AND TOILET ACCESSORY SCHEDULES



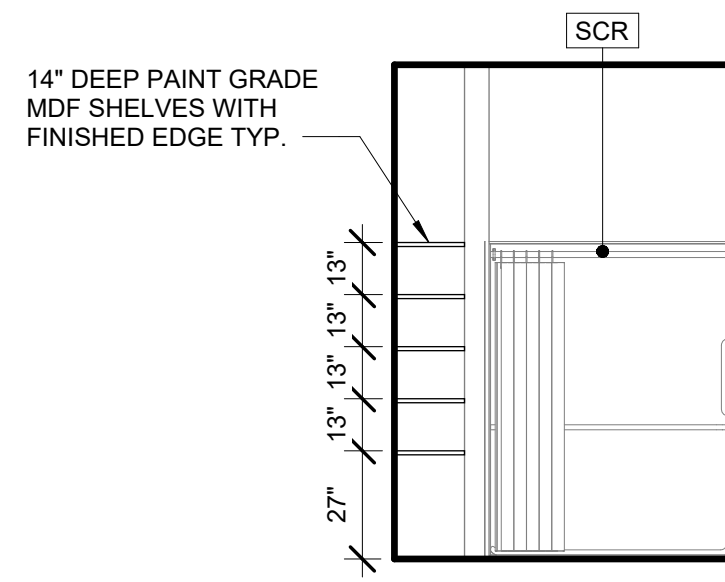
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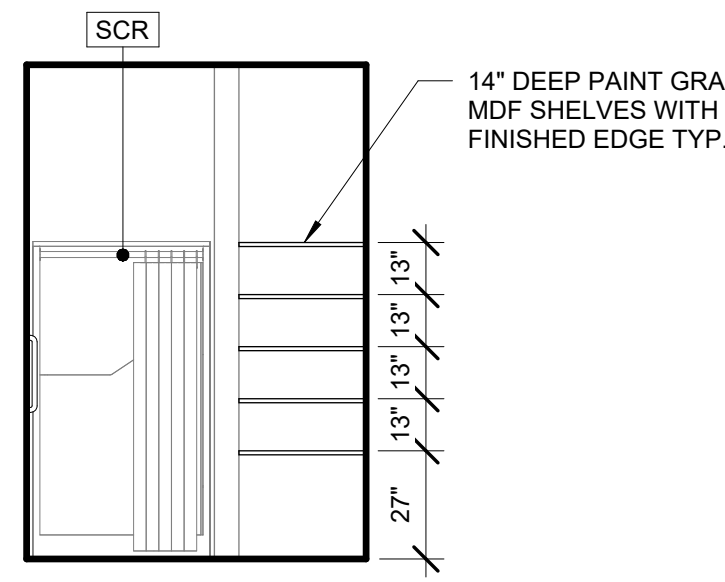
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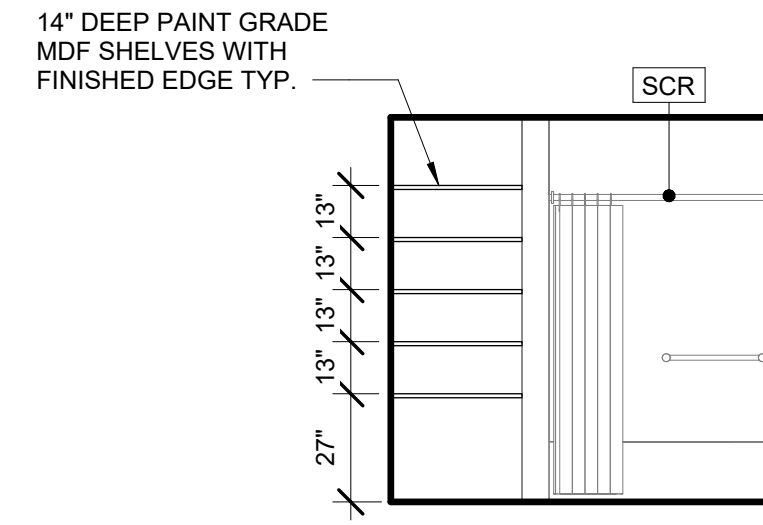
17 TYP BATHROOM @ UFAS UNITS
 1/4" = 1'-0"



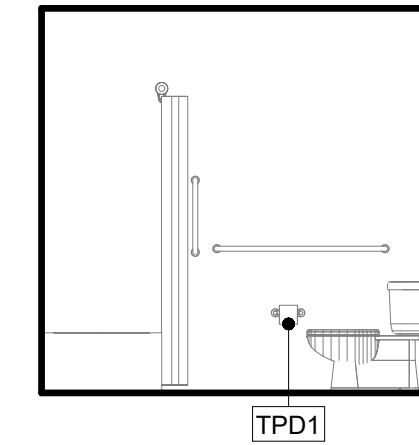
16 TYP SHOWER @ UFAS UNITS
 1/4" = 1'-0"



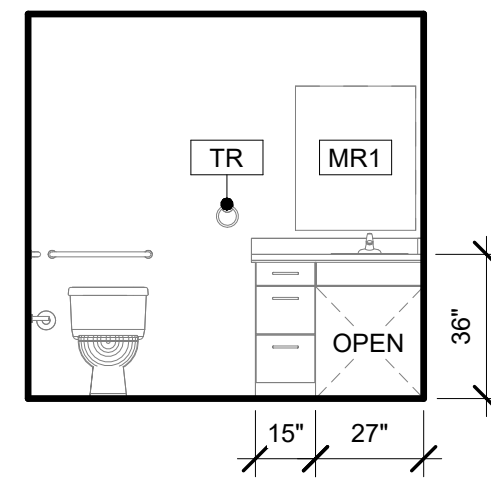
15 TYP SHOWER @ UNITS
 1/4" = 1'-0"



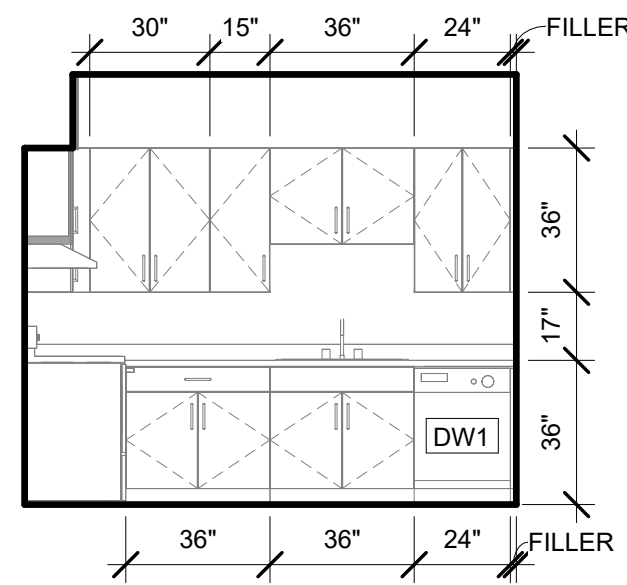
14 TYP BATHTUB @ UNITS
 1/4" = 1'-0"



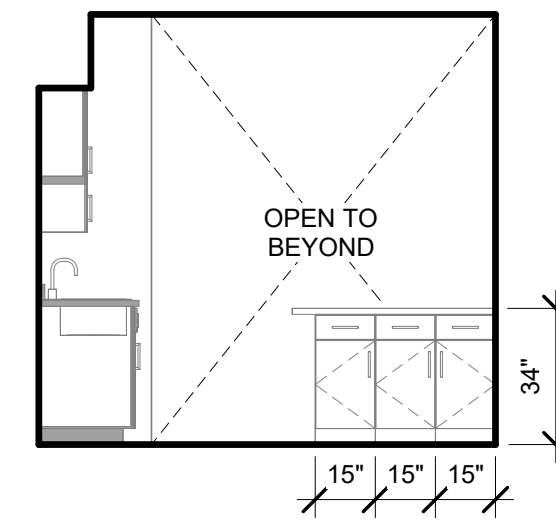
13 TYP BATHROOM @ UNITS
 1/4" = 1'-0"



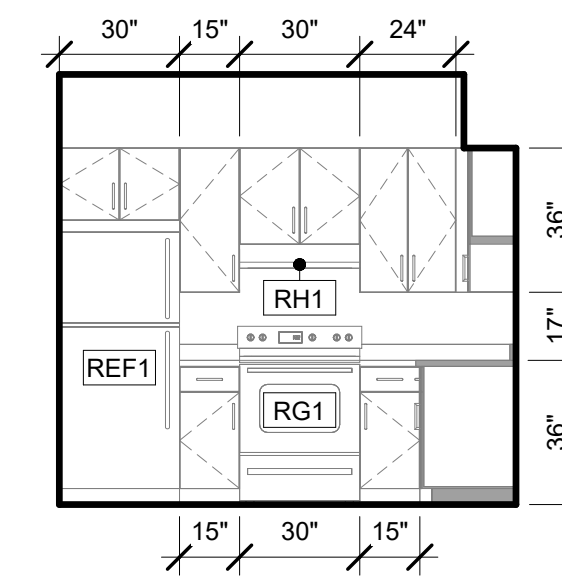
12 TYP BATHROOM @ UNITS (EXCLUDING UFAS)
 1/4" = 1'-0"



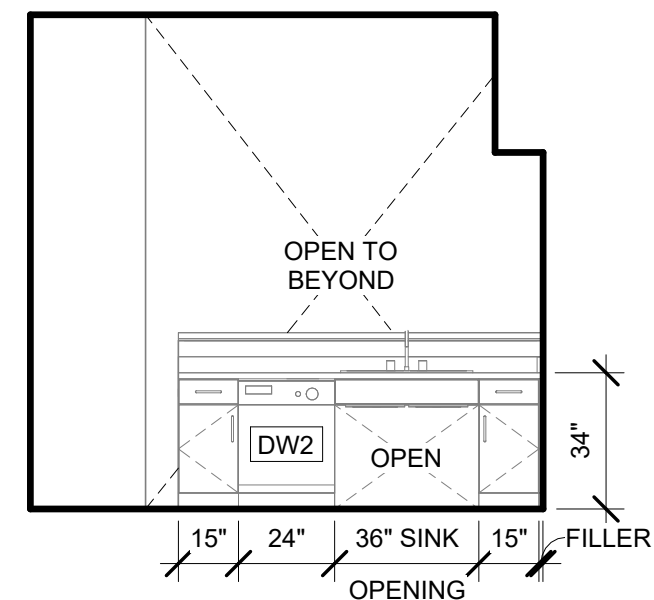
11 300 2-BED F KITCHEN - EAST
 1/4" = 1'-0"



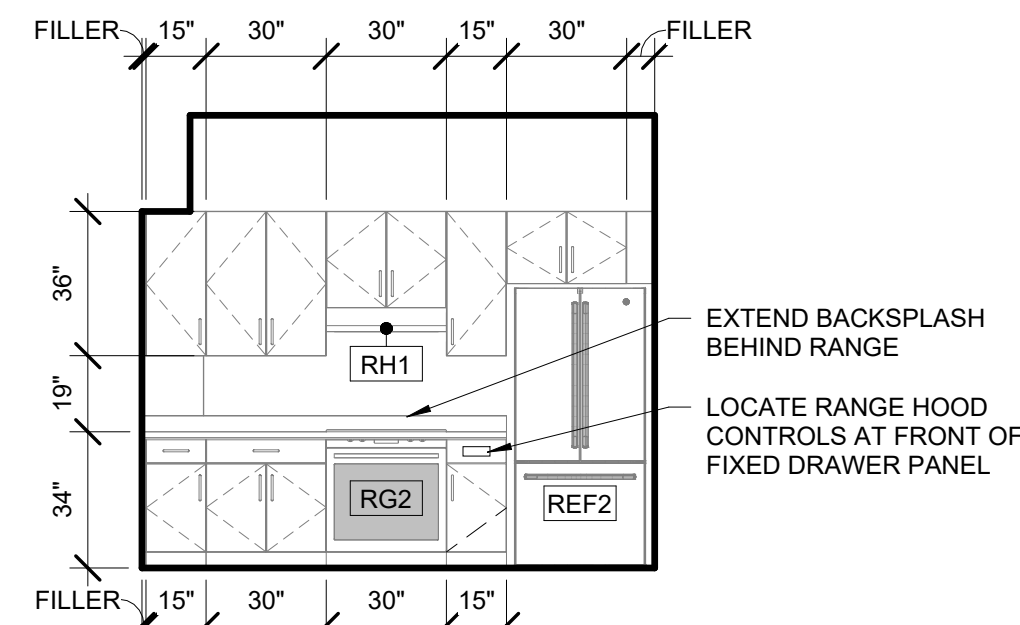
10 300 2-BED F KITCHEN - SOUTH
 1/4" = 1'-0"



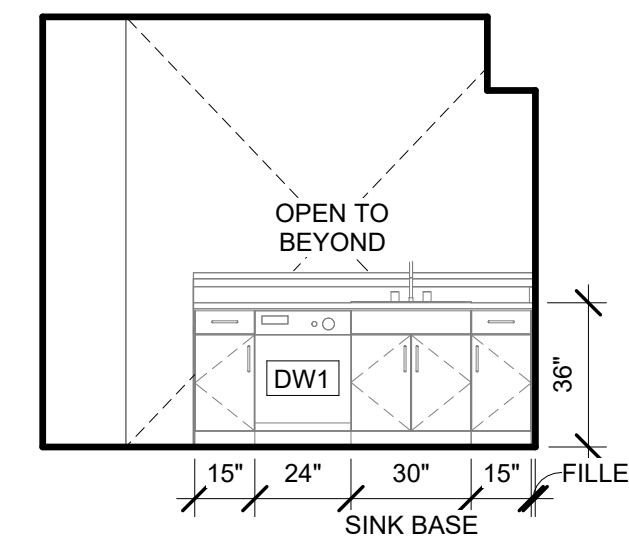
9 300 2-BED F KITCHEN - NORTH
 1/4" = 1'-0"



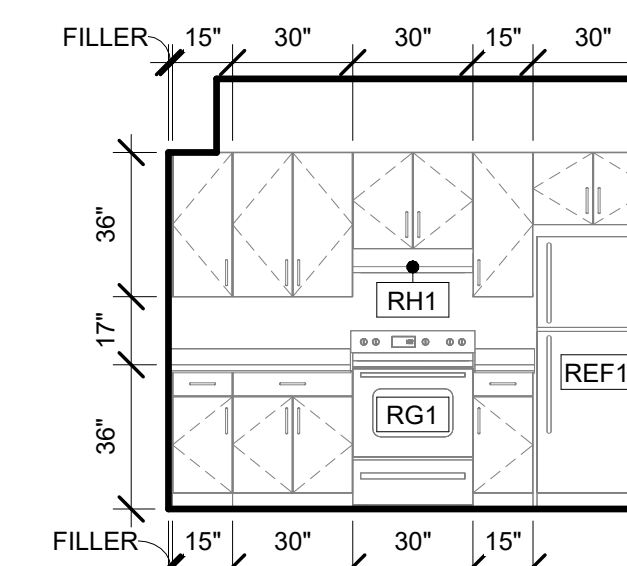
8 100 2-BED C (UFAS) KITCHEN - SOUTH
 1/4" = 1'-0"



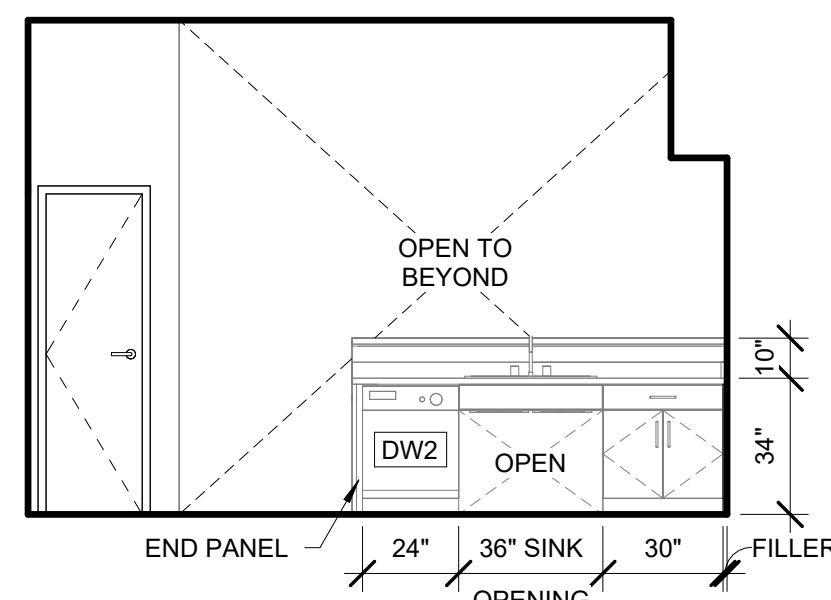
7 100 2-BED C (UFAS) KITCHEN - NORTH
 1/4" = 1'-0"



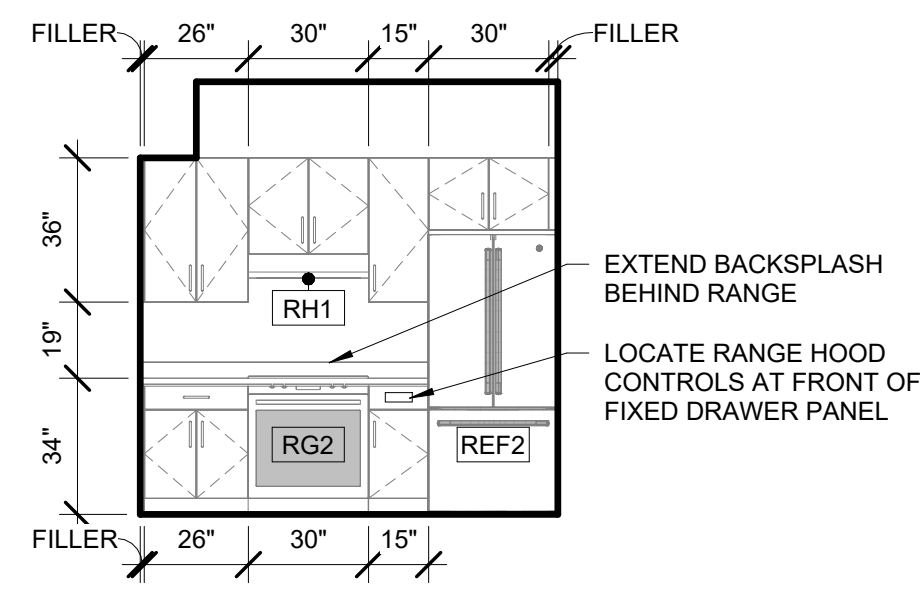
6 TYP KITCHEN @ UNITS C, E, J
 1/4" = 1'-0" UNITS: 200, 201, 301, 401



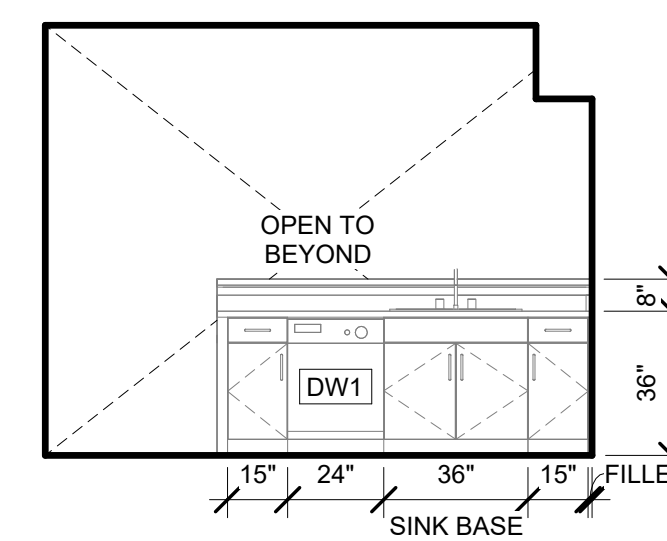
5 TYP KITCHEN @ UNITS C, E, J
 1/4" = 1'-0" UNITS: 200, 201, 301, 401



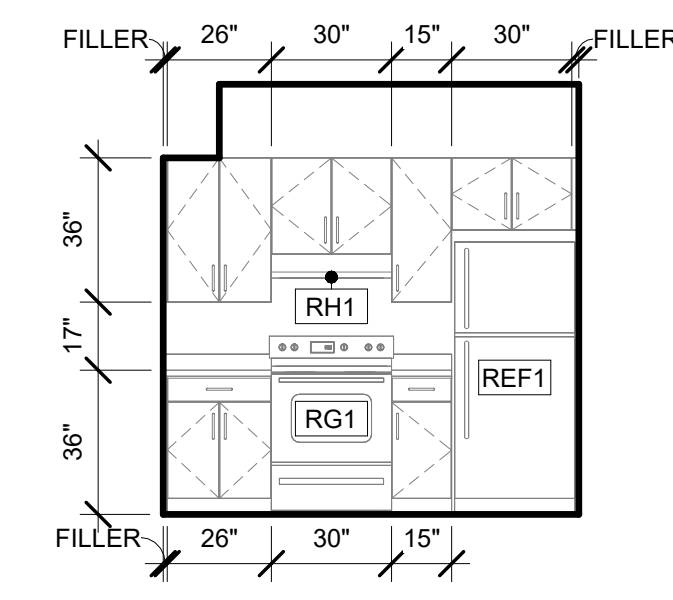
4 TYP KITCHEN @ UFAS UNITS A, B
 1/4" = 1'-0" UNITS: 106, 109



3 TYP KITCHEN @ UFAS UNITS A, B
 1/4" = 1'-0" UNITS: 106, 109



2 TYP KITCHEN @ UNITS A, B, D, G, H
 1/4" = 1'-0" UNITS: 102 (MIR), 104, 105, 107 (MIR), 202 (MIR), 203, 204, 206, 205, 207 (MIR), 208 (MIR), 209 (MIR), 211, 302 (MIR), 303, 304, 305, 306, 307 (MIR), 308 (MIR), 309 (MIR), 311, 400, 402 (MIR), 403, 404, 405, 406, 407 (MIR), 408 (MIR), 409 (MIR), 411



1 TYP KITCHEN @ UNITS A, B, D, G, H
 1/4" = 1'-0" UNITS: 102 (MIR), 104, 105, 107 (MIR), 202 (MIR), 203, 204, 206, 205, 207 (MIR), 208 (MIR), 209 (MIR), 211, 302 (MIR), 303, 304, 305, 306, 307 (MIR), 308 (MIR), 309 (MIR), 311, 400, 402 (MIR), 403, 404, 405, 406, 407 (MIR), 408 (MIR), 409 (MIR), 411

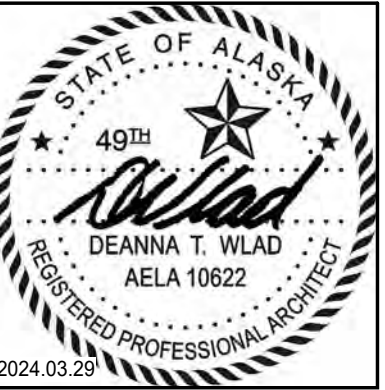
REVISION SCHEDULE		
#	DESCRIPTION	DATE

JOB NO. 21-031
 DATE 03/29/2024
 DRAWN CJF
 REVIEWED DTW

SHEET NAME
 INTERIOR ELEVATIONS - TENANT UNITS

SHEET NO.
A8.01

REFER TO A8.00 FOR INTERIOR ELEVATION GENERAL NOTES AND APPLIANCE AND TOILET ACCESSORY SCHEDULES



CERTIFICATE OF AUTHORIZATION NO. SPARK DESIGN, LLC #AEL1394

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

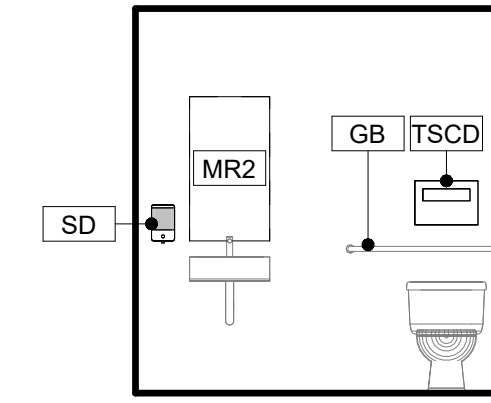
COOK INLET HOUSING AUTHORITY
 TYONEK TERRACE RENOVATION
 ANCHORAGE, ALASKA

REVISION SCHEDULE		
#	DESCRIPTION	DATE

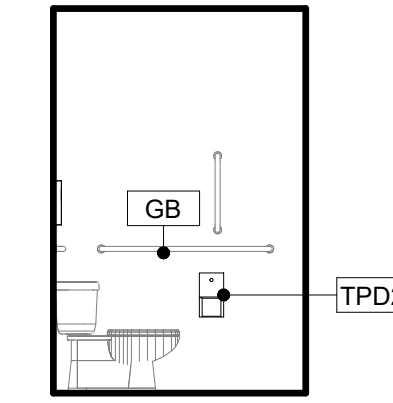
JOB NO. 21-031
 DATE 03/29/2024
 DRAWN C.J.F.
 REVIEWED DTW

SHEET NAME
 INTERIOR ELEVATIONS

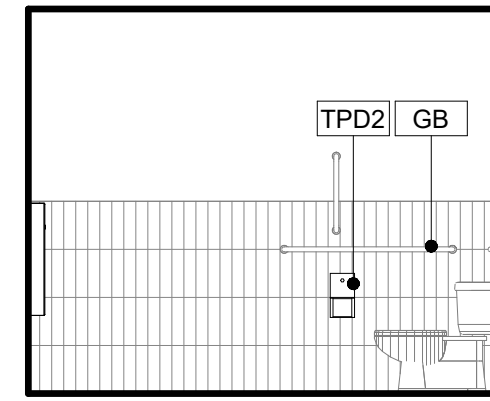
SHEET NO.
A8.02



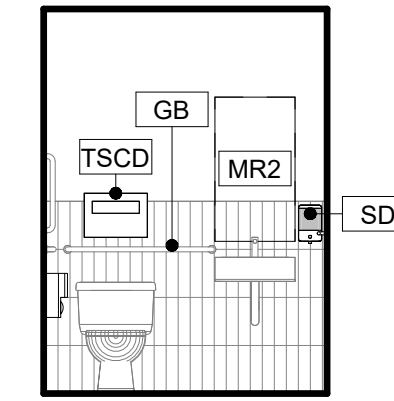
12 103T TOILET - EAST
 1/4" = 1'-0"



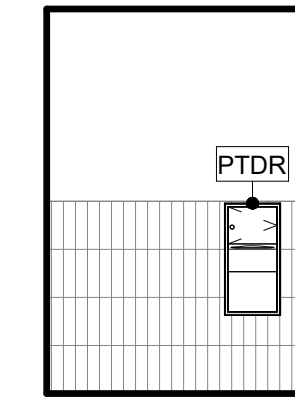
11 103T TOILET - SOUTH
 1/4" = 1'-0"



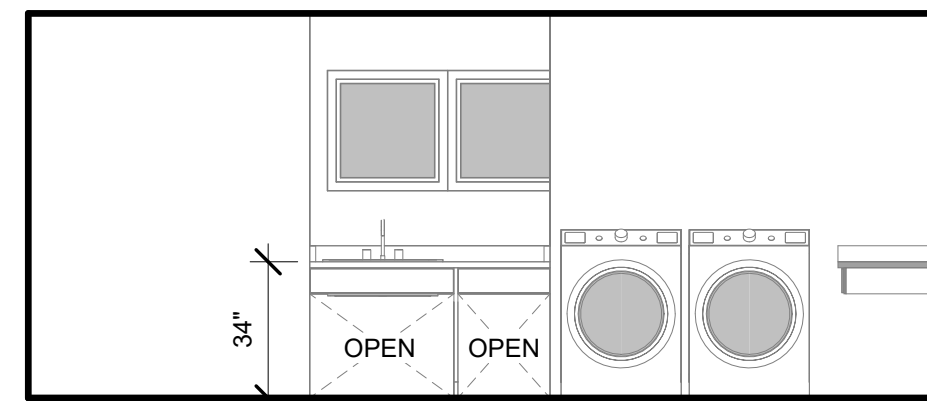
10 101T TOILET - EAST (102T SIM)
 1/4" = 1'-0"



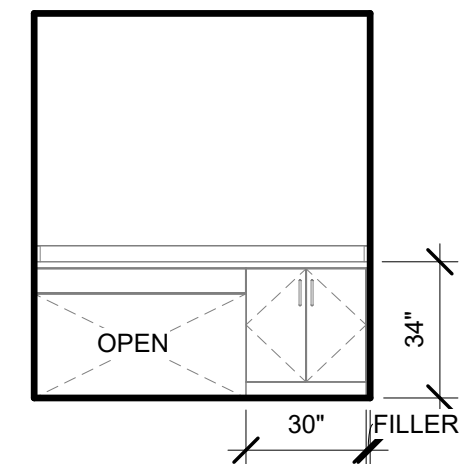
9 101T TOILET - SOUTH (102T SIM)
 1/4" = 1'-0"



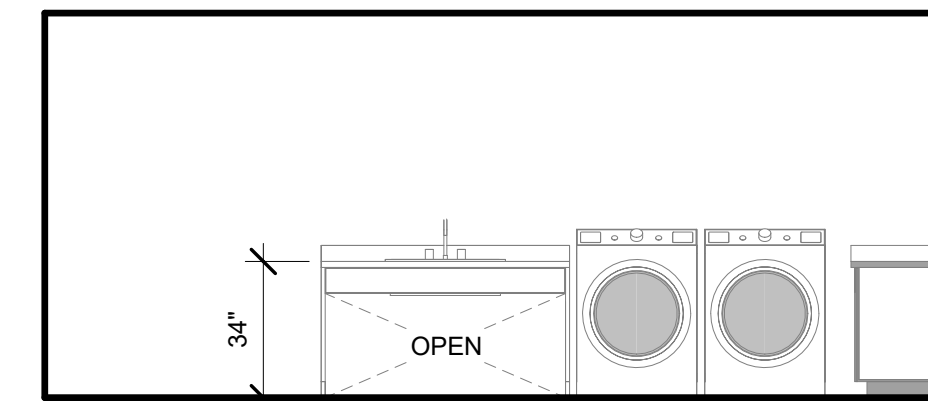
8 101T TOILET - NORTH (102T SIM)
 1/4" = 1'-0"



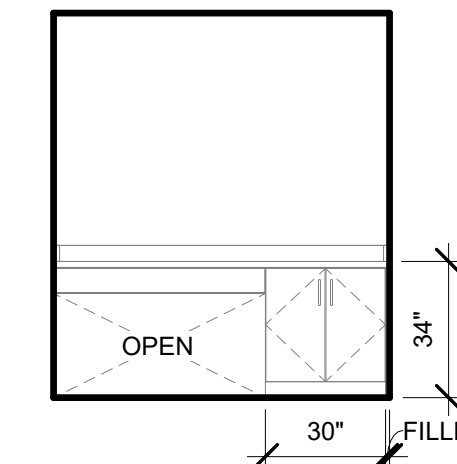
7 TYP LAUNDRY @ LEVELS 2, 3, 4
 1/4" = 1'-0"



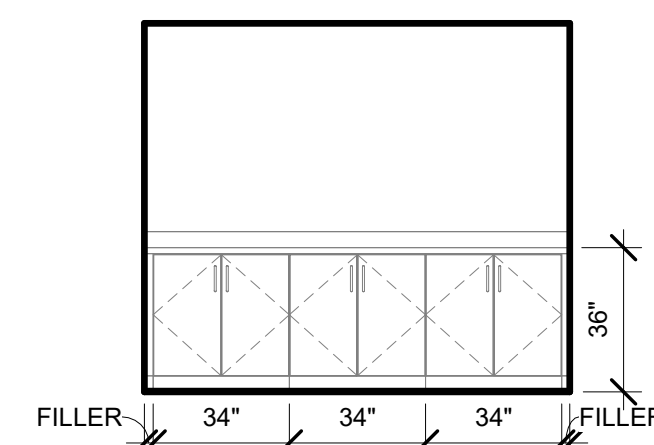
6 TYP LAUNDRY @ LEVELS 2, 3, 4
 1/4" = 1'-0"



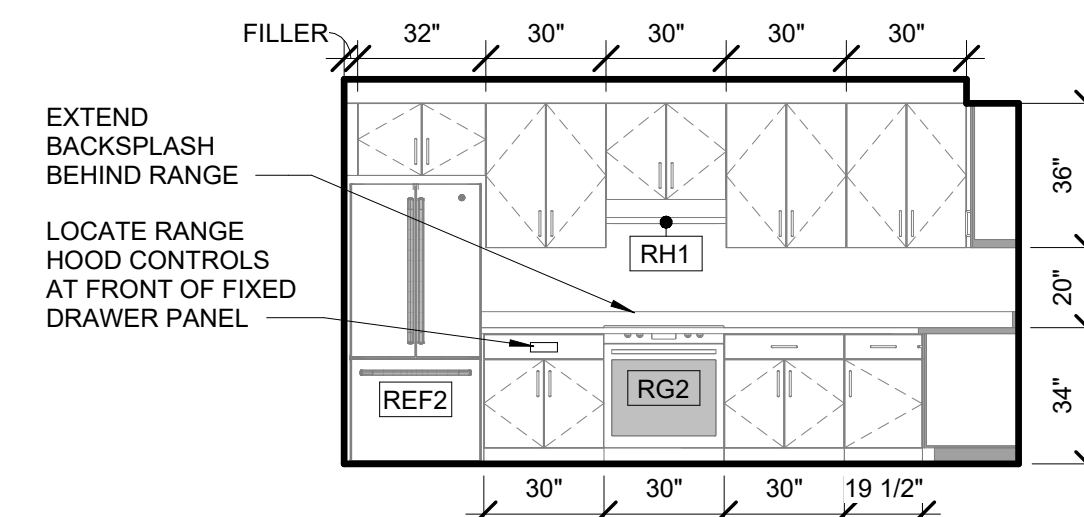
5 100U LAUNDRY - NORTH
 1/4" = 1'-0"



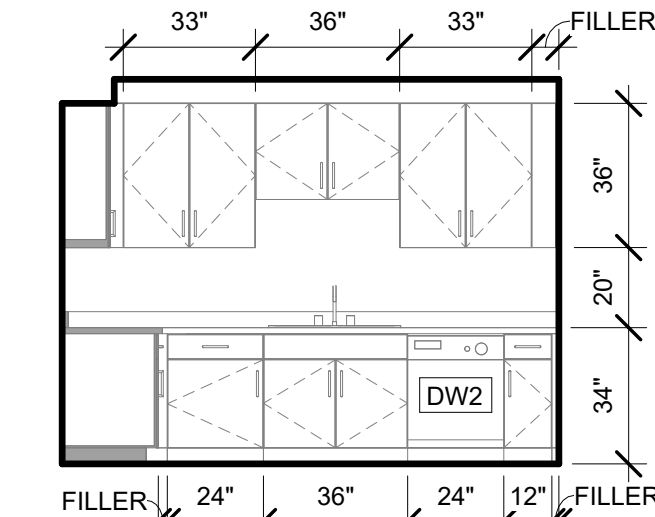
4 100U LAUNDRY - EAST
 1/4" = 1'-0"



3 102L LOUNGE - EAST
 1/4" = 1'-0"



2 100K KITCHEN - SOUTH
 1/4" = 1'-0"



1 100K KITCHEN - WEST
 1/4" = 1'-0"

0"

1"

MECHANICAL LEGEND

- DENOTES DEMOLITION
- COLD WATER PIPING
- HOT WATER PIPING
- HOT WATER RECIRCULATED PIPING
- WASTE PIPING
- VENT PIPING
- XXX--- PIPING, SEE ABBREVIATIONS FOR MEDIA
- >--- DIRECTION OF FLOW
- X--- PIPE ANCHOR
- ||--- PIPE GUIDE
- o--- PIPE UP
- o--- PIPE DOWN
- o--- TEE UP
- o--- TEE DOWN
- o--- REDUCER / INCREASER
- J--- CAP
- ||--- UNION
- |--- CLEANOUT
- K--- HOSE BIBB
- |O|--- ISOLATION VALVE
- X--- TAMPER-PROOF GAS PLUG VALVE
- X--- BALANCE VALVE
- X--- AUTOMATIC FLOW LIMITING VALVE
- Z--- CHECK VALVE
- |--- STRAINER WITH BLOWDOWN
- X--- FLEXIBLE PIPING CONNECTOR
- X--- 2-WAY CONTROL VALVE
- X--- 3-WAY CONTROL VALVE
- X--- PRESSURE REDUCING VALVE
- X--- PRESSURE/TEMPERATURE RELIEF VALVE
- X--- QUARTER TURN BOILER DRAIN VALVE WITH CAP
- o--- THERMOMETER
- o--- PRESSURE GAUGE WITH ISOLATION COCK
- o--- WATER HAMMER ARRESTOR
- o--- LETTER INDICATES PDI SIZE
- o--- PUMP
- o--- FLOOR OR YARD CLEANOUT
- o--- FLOOR DRAIN
- o--- FLOOR SINK
- o--- ROOF DRAIN OR OVERFLOW DRAIN
- X--- SUPPLY AIR DUCT UP & DOWN (SQUARE)
- X--- RETURN AIR DUCT UP & DOWN (SQUARE)
- X--- EXHAUST AIR DUCT UP & DOWN (SQUARE)
- o--- DUCT UP & DOWN (ROUND)
- o--- RECTANGULAR DUCT SIZE (FIRST NUMBER - SIDE SHOWN) (SECOND NUMBER - SIDE NOT SHOWN)
- o--- SOUND LINED DUCTWORK
- o--- INSULATED DUCTWORK
- o--- VOLUME DAMPER
- o--- FIRE DAMPER
- o--- FIRE SMOKE DAMPER
- o--- THERMOSTAT OR SENSOR
- o--- POINT OF CONNECTION TO EXISTING
- o--- KEY NOTE
- X--- DETAIL NUMBER
- MX--- SHEET LOCATED ON
- BB-x--- BASEBOARD DESIGNATION
- X.X--- ACTIVE FIN TUBE ELEMENT LENGTH
- X--- FLOW RATE IN GPM

MECHANICAL SHEET INDEX

- M0.01 MECHANICAL SCHEDULES
- M0.02 MECHANICAL SCHEDULES AND SEQUENCE OF OPERATIONS
- M0.03 MECHANICAL SPECIFICATIONS
- M1.01 FIRST FLOOR PLUMBING PLAN
- M1.02 SECOND FLOOR PLUMBING PLAN
- M1.03 THIRD FLOOR PLUMBING PLAN
- M1.04 FOURTH FLOOR PLUMBING PLAN
- M2.01 FIRST FLOOR HVAC PLAN
- M2.02 SECOND FLOOR HVAC PLAN
- M2.03 THIRD FLOOR HVAC PLAN
- M2.04 FOURTH FLOOR HVAC PLAN
- M3.01 MECHANICAL ROOM PLANS
- M4.01 BOILER PIPING DIAGRAMS
- M4.02 GLYCOL PIPING DIAGRAMS
- M5.01 DETAILS

PLUMBING FIXTURE SCHEDULE

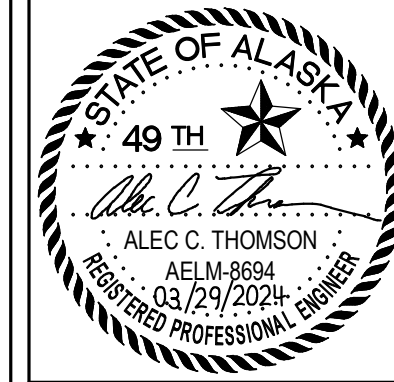
TAG	FIXTURE	MINIMUM CONNECTION SIZE					MANUFACTURER	MODEL	COLOR	TRIM / REMARKS
		CW	HW	TRAP	VENT	WASTE				
WC-1	WATER CLOSET - FLOOR MOUNT - ADA	1/2"	---	---	2"	3"	KOHLER	HIGHLINE K-3493 (-RA)	WHITE	ELONGATED BOWL, ELONGATED SEAT WITH LID
LV-1	LAVATORY - WALL HUNG - ADA	1/2"	1/2"	1-1/4"	1-1/4"	1-1/2"	KOHLER	KINGSTON K2005	WHITE	DELTA FAUCET 22C821 WITH POP-UP DRAIN, ASSE 1070 THERMOSTATIC MIX VALVE FOR HOT WATER SUPPLY, LAMINAR OUTLET, ADA LEVER HANDLE, CONCEALED ARM SUPPORTS, FLOOR MOUNTED WALL CARRIER FOR ADA HEIGHT
LV-2	LAVATORY - COUNTER MOUNT - ADA	1/2"	1/2"	1-1/4"	1-1/4"	1-1/2"	KOHLER	CIMARRON K-2351-8	WHITE	DELTA FAUCET 22C821 WITH POP-UP DRAIN, ASSE 1070 THERMOSTATIC MIX VALVE FOR HOT WATER SUPPLY, LAMINAR OUTLET, ADA LEVER HANDLE
SK-1	SINK - DOUBLE COMPARTMENT - ADA	1/2"	1/2"	1-1/2"	1-1/2"	2"	ELKAY	ECTSRAD33226TBG	STAINLESS	ELKAY LK5000 (CR) FAUCET WITH PULL OUT SPRAY, HOLE PUNCH AS REQUIRED FOR TRIM, REAR CENTER DRAINS, DOUBLE CUP STAINLESS STEEL BASKET STRAINERS, DISHWASHER AIRGAP FITTING
SK-2	SINK - DOUBLE COMPARTMENT	1/2"	1/2"	1-1/2"	1-1/2"	2"	ELKAY	ECTSR33229TBG	STAINLESS	ELKAY LK5000 (CR) FAUCET WITH PULL OUT SPRAY, HOLE PUNCH AS REQUIRED FOR TRIM, DOUBLE CUP STAINLESS STEEL BASKET STRAINERS, DISHWASHER AIRGAP FITTING, ASSE 1070 THERMOSTATIC MIX VALVE FOR HOT WATER SUPPLY
SK-3	SINK - SINGLE COMPARTMENT	1/2"	1/2"	1-1/2"	1-1/2"	2"	ELKAY	ECTSR25229TBG	STAINLESS	ELKAY LK5000 (CR) FAUCET WITH PULL OUT SPRAY, HOLE PUNCH AS REQUIRED FOR TRIM, DOUBLE CUP STAINLESS STEEL BASKET STRAINER, DISHWASHER AIRGAP FITTING, ASSE 1070 THERMOSTATIC MIX VALVE FOR HOT WATER SUPPLY
SK-4	SINK - DOUBLE COMPARTMENT - ADA	1/2"	1/2"	1-1/2"	1-1/2"	2"	ELKAY	ECTSRAD33226TBG	STAINLESS	ELKAY LK5000 (CR) FAUCET WITH PULL OUT SPRAY, HOLE PUNCH AS REQUIRED FOR TRIM, REAR CENTER DRAINS, DOUBLE CUP STAINLESS STEEL BASKET STRAINERS, DISHWASHER AIRGAP FITTING, 1070 THERMOSTATIC MIX VALVE FOR HOT WATER SUPPLY
SK-5 (E)	SINK - LAUNDRY - FAUCET	1/2"	1/2"	---	---	---	EXISTING	---	---	ELKAY LK5000 (CR) FAUCET WITH PULL OUT SPRAY, OPTIONAL COVER PLATE AS REQUIRED, 1070 THERMOSTATIC MIX VALVE FOR HOT WATER SUPPLY, EXISTING SINK TO REMAIN
SH-1	SHOWER STALL - ADA	1/2"	1/2"	2"	1-1/2"	2"	AQUATIC	F1604P	WHITE	4-PIECE ASSEMBLY, 1/2" THRESHOLD WITH FLEXIBLE DAM, DRAIN WITH STRAINER, LEFT OR RIGHT HAND AS REQUIRED, GRAB BARS, FOLDING SEAT, DELTA T13091 PRESSURE BALANCED SHOWER VALVE, R10000 UNIVERSAL VALVE BODY, RPW324HDF HAND SHOWER WITH ADJUSTABLE SLIDE AND 60" FLEXIBLE METAL HOSE, AUXILIARY HAND SHOWER SLIDE, FIELD CUT OUT SURROUND FOR TRIM AS REQUIRED OR CUSTOM FACTORY SURROUND CUT OUTS - COORDINATE WITH ARCHITECTURAL
SH-2	SHOWER STALL - BARRIER FREE	1/2"	1/2"	2"	1-1/2"	2"	BARRIER FREE	4LBS4834B5B	WHITE	4-PIECE ASSEMBLY, 1/2" THRESHOLD WITH FLEXIBLE DAM, DRAIN WITH STRAINER, LEFT OR RIGHT HAND AS REQUIRED, GRAB BARS, FOLDING SEAT, DELTA T13091 PRESSURE BALANCED SHOWER VALVE, R10000 UNIVERSAL VALVE BODY, RPW324HDF HAND SHOWER WITH ADJUSTABLE SLIDE AND 60" FLEXIBLE METAL HOSE, FIELD CUT OUT SURROUND FOR TRIM AS REQUIRED OR CUSTOM FACTORY SURROUND CUT OUTS - COORDINATE WITH ARCHITECTURAL
BT-1	BATHTUB - ADA	1/2"	1/2"	1-1/2"	1-1/2"	2"	AQUATIC	260304P	WHITE	4-PIECE ASSEMBLY, LEFT HAND OR RIGHT HAND AS REQUIRED, DELTA T13491 WITH PRESSURE BALANCED MIX VALVE, TUB SPOUT WITH PULL-UP DIVERTER, AND SHOWER HEAD, R10000 SERIES UNIVERSAL VALVE BODY, FIELD CUT OUT SURROUND FOR TRIM AS REQUIRED OR CUSTOM FACTORY SURROUND CUT OUTS - COORDINATE WITH ARCHITECTURAL

PUMP SCHEDULE

TAG	MFR / MODEL	SERVICE	FLUID	FLOW RATE (GPM)	HEAD (FEET)	MOTOR DATA			REMARKS
						RPM	HP	VOLTS/PH	
BC-1	TACO / KV3006D	BOILER CIRCULATION	WATER	120	22'	1,760	1	208/3	---
BC-2	TACO / KV3006D	BOILER CIRCULATION	WATER	120	22'	1,760	1	208/3	---
CP-1	TACO / KV2007D	PERIMETER HEAT	WATER	81	36'	1,760	1-1/2	208/3	---
CP-2	TACO / 1919	HOT WATER GENERATORS	WATER	56	30'	1,760	1	120/1	---
CP-3	TACO / KV3006D	HEAT EXCHANGER CIRCULATION	WATER	98	27'	1,760	1-1/2	208/3	---
CP-4	TACO / 1915	COIL CIRCULATION	50% P.G.	25	35'	1,760	3/4	120/1	---
CP-5	TACO / KV1507D	HEAT EXCHANGER LOOP	50% P.G.	46	18'	1,160	1/2	120/1	---
CP-6	TACO / 2400-60	SNOWMELT INJECTION	50% P.G.	24	13'	3,450	1/6	120/1	---
CP-7	TACO / 1911	SNOWMELT CIRCULATION	50% P.G.	60	57'	3,500	3	208/3	---

AIR SEPARATOR SCHEDULE

TAG	MFR / MODEL	SERVICE	FLUID	FLOW RATE (GPM)	WPD (FT HD)	INLET/OUTLET SIZE	DIMENSIONS	LABEL	REMARKS
AS-1	SPIROTHERM / VDT-400	BUILDING HEAT HYDRONIC SYSTEM	WATER	235	<1.0'	4"	31.4"H x 8.6"Ø	ASME	COMBINATION AIR AND DIRT SEPARATOR WITH AUTO AIR VENT



CERTIFICATE OF AUTHORIZATION NO: T3 ALASKA, LLC AECL # 1625

spark design, llc
T3 ALASKA llc
 Mechanical & Electrical Engineering
 301 Calista Court, Suite 100
 Anchorage, AK 99516
 Ph: 907-665-7900 Fax: 907-665-7975

COOK INLET HOUSING AUTHORITY
 TYONEK TERRACES RENOVATIONS
 ANCHORAGE, ALASKA

REVISION SCHEDULE		
#	DESCRIPTION	DATE

JOB NO.	2024.005.0
DATE	03/29/2024
DRAWN	ACT
REVIEWED	ACT

SHEET NAME
MECHANICAL SCHEDULES

SHEET NO.
M0.01

0"
1"

ABBREVIATIONS

ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AFT	AVERAGE FLUID TEMPERATURE
AL	ALUMINUM
AMB	AMBIENT
AMPS	AMPERES
APD	AIR PRESSURE DROP
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS
BTU	BRITISH THERMAL UNIT
BTUH	BRITISH THERMAL UNIT PER HOUR
CIA	COMBUSTION AIR
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CONT	CONTINUED
CO	CLEANOUT
COND	CONDENSATE
CONN	CONNECTION
Cu	COPPER
CW	COLD WATER
Ø	DIAMETER
DIA	DIAMETER
DB	DRY BULB
dB	DECIBELS
DEG	DEGREE
(E)	EXISTING
E/A	EXHAUST AIR
EA	EACH
EFT	ENTERING FLUID TEMPERATURE
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
°F	DEGREES FAHRENHEIT
FLA	FULL LOAD AMPERES
FPD	FLUID PRESSURE DROP
FPF	FINS PER FOOT
PFM	FEET PER MINUTE
FT	FEET
G	NATURAL GAS
GA	GAUGE
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
H	HEIGHT
HD	HEAD
HGR	HEATING GLYCOL RETURN
HGS	HEATING GLYCOL SUPPLY
HR	HOUR
HW	HOT WATER
HWC	HOT WATER CIRCULATED
HP	HORSEPOWER
HWR	HEATING WATER RETURN
HWS	HEATING WATER SUPPLY
ID	INSIDE DIAMETER
IN	INCH
IMC	INTERNATIONAL MECHANICAL CODE
LBS	POUNDS
LF	LINEAL FEET
LFT	LEAVING FLUID TEMPERATURE
LWT	LEAVING WATER TEMPERATURE
MAV	MANUAL AIR VENT
MAX	MAXIMUM
MBH	THOUSAND BTU PER HOUR
MCA	MINIMUM CIRCUIT AMPACITY
MFGR	MANUFACTURER
MFS	MAXIMUM FUSE SIZE
MIN	MINIMUM
MOP	MAXIMUM OVERCURRENT PROTECTION
MPG	MEDIUM PRESSURE GAS
NC	NOISE CRITERIA
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
NO	NUMBER
NOM	NOMINAL
NSF	NATIONAL SANITARY FOUNDATION
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OPD	OVERCURRENT PROTECTION DEVICE
PD	PRESSURE DROP
P.G.	PROPYLENE GLYCOL
PH	PHASE
PSI	POUNDS PER SQUARE INCH
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
SD	STORM DRAIN
SNGR	SNOWMELT GLYCOL RETURN
SNGS	SNOWMELT GLYCOL SUPPLY
SP	STATIC PRESSURE
T/A	TRANSFER AIR
TEMP	TEMPERATURE
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
UPC	UNIFORM PLUMBING CODE
V	VENT
VEL	VELOCITY
VFD	VARIABLE FREQUENCY DRIVE
VTR	VENT THROUGH ROOF
WC	WATER COLUMN
WG	WATER GAUGE
W	WASTE
WB	WET BULB
WPD	WATER PRESSURE DROP

BOILER SCHEDULE

TAG	MFGR / MODEL	TYPE	FLUID	FUEL	BURNER INPUT (MBH)	GROSS OUTPUT (MBH)	ELECTRICAL DATA		LABEL	REMARKS
							FLA	VOLTS/PH		
BLR-1	AERCO / BENCHMARK 1500	STAINLESS STEEL	WATER	NATURAL GAS	1,500	1,305	16.0	120/1	ASME	WITH TRIM PER INTERNATIONAL MECHANICAL CODE CHAPTER 10, 190°F OPERATING SETPOINT
BLR-2	AERCO / BENCHMARK 1500	STAINLESS STEEL	WATER	NATURAL GAS	1,500	1,305	16.0	120/1	ASME	WITH TRIM PER INTERNATIONAL MECHANICAL CODE CHAPTER 10, 190°F OPERATING SETPOINT

BASEBOARD SCHEDULE

TAG	MFGR / MODEL	OUTPUT (BTU/H/FT)	FLUID	EFT	LFT	TUBE SIZE	ELEMENT FIN SIZE	FIN PER FOOT	FIN THICKNESS	NUMBER OF TIERS	ENCLOSURE THICKNESS	ENCLOSURE HEIGHT	MOUNTING HEIGHT	COLOR	REMARKS
BB-2	STERLING / JVA-S-C3/4-35	990	WATER	190°F	170°F	3/4"Ø Cu	3-1/4" x 3-1/4"	50	0.020" AL	1	16 GA	14"	18"	PER ARCH	ENCLOSURE: JVA-S, SLOPE TOP, ON - OFF CONTROL VIA LOCAL WALL MOUNTED THERMOSTAT

UNIT HEATER SCHEDULE

TAG	MFGR / MODEL	CAPACITY (MBH)	FLUID	FLOW RATE (GPM)	FPD (FT HD)	EFT	LFT	AIRFLOW (CFM)	MINIMUM BRANCH PIPING SIZE	MOTOR DATA		COLOR	REMARKS
										HP	VOLTS/PH		
UH-1	MODINE / UH-18	11.9	WATER	1.5	<1'	190°F	170°F	340	3/4"	1/60	120/1	---	ON - OFF CONTROL VIA LOCAL EXISTING THERMOSTAT
CUH-1	MODINE / CW004	26.1	WATER	2.9	<1'	190°F	170°F	450	3/4"	1/20	120/1	PER ARCH	RECESSED CEILING MOUNT, ARRANGEMENT 58, FRAME, ON - OFF CONTROL VIA LOCAL EXISTING THERMOSTAT
CUH-2	MODINE / CW004	26.1	WATER	2.9	<1'	190°F	170°F	450	3/4"	1/20	120/1	PER ARCH	WALL MOUNT, ARRANGEMENT 08, ON - OFF CONTROL VIA LOCAL EXISTING THERMOSTAT

FAN SCHEDULE

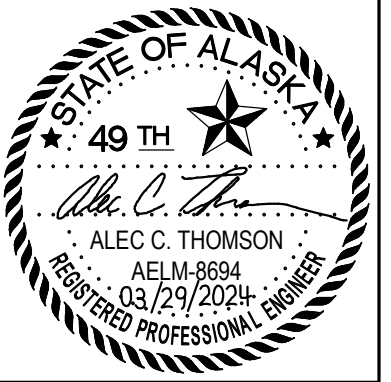
TAG	MFGR / MODEL	SERVICE	AIRFLOW (CFM)	ESP (IN WG)	DRIVE	HVI SONES RATING	ELECTRICAL DATA		REMARKS
							HP/AMPS	VOLTS/PH	
EF-1	PANASONIC / FV-1115VKS2	BATHROOM EXHAUST	150	0.25"	DIRECT	<0.5	0.19 AMPS	120/1	EC MOTOR, MULTI-SPEED TIMER MODULE, MOTION SENSOR MODULE, ADJUSTABLE HUMIDITY SENSOR MODULE, SET CONTINUOUS AIRFLOW TO 0 CFM

RANGE HOOD SCHEDULE

TAG	MFGR / MODEL	SERVICE	NORMAL SPEED AIRFLOW (CFM)	DIMENSIONS LENGTH x WIDTH x HEIGHT	ELECTRICAL DATA		LABEL	REMARKS
					AMPS	VOLTS/PH		
RH-1	BROAN / CLSC230** - ADA	DOMESTIC RANGE EXHAUST	140	29-7/8" x 21" x 5-15/16"	1.4	120/1	UL	WITH REMOVABLE GREASE FILTER, TWO SPEED FAN ROCKER SWITCH, LIGHT SWITCH, AUXILIARY REMOTE SWITCH, COLOR/FINISH PER ARCHITECT
RH-2	BROAN / CLSC230**	DOMESTIC RANGE EXHAUST	140	29-7/8" x 21" x 5-15/16"	1.4	120/1	UL	WITH REMOVABLE GREASE FILTER, TWO SPEED FAN ROCKER SWITCH, LIGHT SWITCH, COLOR/FINISH PER ARCHITECT

SEQUENCE OF OPERATIONS

<p>BOILERS AND BOILER CIRCULATION PUMPS (BLR-1, BLR-2, BC-1, AND BC-2)</p> <p>BOILER SHALL BE OPERATED BY INTEGRAL CONTROLS. BOILER ALARMS SHALL BE MONITORED BY EXISTING BUILDING WIDE DDC SYSTEM.</p> <p>COORDINATE WITH OWNER'S PREFERRED DDC CONTRACTOR.</p> <p>BOILERS SHALL BE ENABLED WHEN THE OUTSIDE AIR TEMPERATURE IS AT OR BELOW THE WARM WEATHER CUTOFF TEMPERATURE SETPOINT.</p> <p>SETPOINT SHALL BE COORDINATED WITH EQUIVALENT EXISTING SETPOINT FOR BUILDING HEAT. BOILERS SHALL BE DISABLED WHEN THE OUTSIDE AIR TEMPERATURE IS ABOVE THE WARM WEATHER CUTOFF TEMPERATURE.</p> <p>BOILERS SHALL GO THROUGH THE CYCLE DOWN SEQUENCE BEFORE BEING DISABLED.</p>	<p>BOILER INTEGRAL CONTROLS SHALL BE CAPABLE OF INTERCOMMUNICATION ALLOWING SEQUENCING OF ALL BOILERS TO OPTIMIZE BOILER PLANT ENERGY EFFICIENCY. BLR-1 SHALL BE DESIGNATED THE MANAGING BOILER.</p> <p>BOILER INTEGRAL CONTROLS SHALL BE CAPABLE OF PROVIDING CONTROL AS FOLLOWS.</p> <p>BOILER SHALL MAINTAIN BUILDING SUPPLY TEMPERATURE SETPOINT. THE BUILDING SUPPLY TEMPERATURE SETPOINT SHALL RESET LINEARLY BETWEEN 150°F AND 190°F BASED ON AN OUTDOOR AIR RESET SCHEDULE BETWEEN 65°F AND 10°F RESPECTIVELY. ALL RESET TEMPERATURE SETPOINTS SHALL BE ADJUSTABLE. THE BUILDING SUPPLY HEADER TEMPERATURE SETPOINT SHALL BE MAINTAINED WHENEVER BOILERS ARE ENABLED. BOILER SUPPLY TEMPERATURE SHALL NOT EXCEED 190°F.</p>	<p>BOILER INTEGRAL CONTROLS SHALL MODULATE THE BURNER AND OPERATE BOILER CIRCULATION PUMPS. ALL DIRECT BURNER CONTROL AND SAFETY INTERLOCKS SHALL BE CONTROLLED BY BOILER FACTORY CONTROLS.</p> <p>PROVIDE ALL TRIM AS REQUIRED BY THE INTERNATIONAL MECHANICAL CODE CHAPTER 10.</p> <p>HYDRONIC CIRCULATION PUMPS (CP-1, CP-2, CP-3, CP-4, AND CP-5)</p> <p>CONTROL BY EXISTING BUILDING WIDE DDC SYSTEM. INTERFACE TO MATCH EXISTING DDC SYSTEM AND SEQUENCE.</p> <p>SNOWMELT SYSTEM PUMPS (CP-6, AND CP-7)</p> <p>CONTROL BY EXISTING TEKMAR CONTROLLER. INTERFACE TO MATCH EXISTING SEQUENCE.</p>
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COOK INLET HOUSING AUTHORITY
 TYONEK TERRACES RENOVATIONS
 ANCHORAGE, ALASKA

REVISION SCHEDULE		
#	DESCRIPTION	DATE

JOB NO.	2024.005.0
DATE	03/29/2024
DRAWN	ACT
REVIEWED	ACT

SHEET NAME
MECHANICAL SCHEDULES
AND
SEQUENCE OF OPERATIONS

SHEET NO.
M0.02

SPECIFICATIONS

GENERAL

- .01 THE CONTRACTOR SHALL PROVIDE ALL THE MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY FOR THE INSTALLATION OF COMPLETE AND OPERABLE MECHANICAL SYSTEMS SHOWN OR DESCRIBED IN THE CONTRACT DOCUMENTS.
- .02 THE PLANS ARE PARTLY DIAGRAMMATIC, NOT NECESSARILY SHOWING ALL OFFSETS AND FITTINGS OR EXACT LOCATIONS OF PIPING AND DUCTS UNLESS SPECIFICALLY DIMENSIONED. PROVIDE FITTINGS, OFFSETS, AND ACCESSORIES AS REQUIRED TO INSTALL THE WORK.
- .03 THE CONTRACTOR SHALL VERIFY EXACT SIZE, QUANTITIES, LOCATION, ROUTING, SERVICE, ETC. OF ALL EXISTING SYSTEMS WHICH ARE TO BE REMOVED, REPLACED, ABANDONED, CONNECTED TO, OR REMODELED AS REQUIRED AND INDICATED ON THE PLANS.
- .04 THE CONTRACTOR SHALL BRING ALL SURFACES BACK TO ORIGINAL CONDITION AFTER ANY MODIFICATIONS HAVE BEEN MADE.
- .05 COORDINATE ANY SERVICE DISRUPTION PERIODS WITH THE OWNER AND ANY AFFECTED TENANTS BEFORE START OF WORK.

CODES AND STANDARDS

- .01 ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE FOLLOWING CODES AS AMENDED BY THE MUNICIPALITY OF ANCHORAGE, TITLE 23:
 - INTERNATIONAL BUILDING CODE (IBC), 2018 EDITION.
 - INTERNATIONAL EXISTING BUILDING CODE (IEBC), 2018 EDITION.
 - INTERNATIONAL MECHANICAL CODE (IMC), 2018 EDITION.
 - INTERNATIONAL FUEL GAS CODE (IFGC), 2018 EDITION.
 - INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2018 EDITION.
 - UNIFORM PLUMBING CODE (UPC), 2018 EDITION.
 - NATIONAL ELECTRICAL CODE (NEC), 2020 EDITION.
 - ALASKA STATUTES, TITLE 18, CHAPTER 60 - BOILER AND UNFIRED PRESSURE VESSELS.
- .02 UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS).

PERMITS

- .01 THE CONTRACTOR SHALL SECURE AND PAY FOR ALL NECESSARY PERMITS AND FEES.

WARRANTY

- .01 ALL WORK PERFORMED UNDER THIS CONTRACT TO BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM ACCEPTANCE.
- .02 ANY FAULTY MATERIALS OR WORKMANSHIP SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER DURING THE GUARANTEE PERIOD.

SALVAGE EQUIPMENT AND MATERIALS

- .01 PRESENT ALL REMOVED EQUIPMENT AND MATERIALS TO THE OWNER. THE OWNER SHALL RETAIN THE RIGHT TO CLAIM ANY AND ALL SALVAGED EQUIPMENT AND MATERIALS.
- .02 ANY ITEMS THAT ARE NOT CLAIMED BY THE OWNER ARE TO BE HAULED OFF AND PROPERLY DISPOSED OF BY THE CONTRACTOR.

PRODUCTS

- .01 ALL PRODUCTS SHALL BE NEW AND UNUSED UNLESS INDICATED AS EXISTING TO BE REUSED IN THE DRAWINGS. INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS AND IN THE BEST PRACTICE OF THE CRAFT.
- .02 PRODUCTS INDICATED TO BE REUSED SHALL BE PROTECTED AND PROPERLY STORED DURING CONSTRUCTION AND CLEANED BEFORE REINSTALLATION.
- .03 ALL PRODUCTS SHALL BE ASBESTOS FREE AND LEAD FREE.
- .04 OBTAIN OWNER'S APPROVAL OF ALL PRODUCTS PRIOR TO ORDERING OR INSTALLING ANY PART OF ANY SYSTEM.

PRODUCTS SUBSTITUTIONS

- .01 ALL EQUIPMENT LISTED IS REPRESENTATIVE OF THE STANDARD OF QUALITY AND PERFORMANCE REQUIRED.
- .02 SUBSTITUTED EQUIPMENT, SUCH AS PUMPS AND FANS, SHALL BE SELECTED IN THE MIDDLE OF THE EQUIPMENT'S RECOMMENDED OPERATION RANGE TO ALLOW INCREASE OR DECREASE FIELD ADJUSTMENTS OF UNITS OPERATION IF NEEDED.
- .03 "APPROVED EQUAL" SUBSTITUTIONS WILL BE CONSIDERED IF THE SUBSTITUTES ARE SHOWN TO BE EQUAL OR BETTER QUALITY, INCLUDING EFFICIENCY OF PERFORMANCE, SIZE AND WEIGHT.
- .04 WHERE ACCEPTED SUBSTITUTED EQUIPMENT VARIES IN SIZE AND/OR CONFIGURATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE CHANGES.

SUBMITTALS

- .01 THE CONTRACTOR SHALL SUBMIT THE MECHANICAL SYSTEMS EQUIPMENT AND MATERIALS AS AN ELECTRONIC PDF FILE FOR REVIEW. THE SUBMITTAL PRODUCT DATA PDF SHALL BE ARRANGED IN BASIC CSI CATEGORIES AND BOOKMARKED SEPARATING CATEGORIES, EQUIPMENT, AND DRAWINGS UNDER BASIC CATEGORIES. THE PDF SHALL BE LIMITED ONLY TO PRODUCT DATA RELEVANT FOR REVIEW.
- .02 THE PRODUCT DATA SHALL BE CLEARLY MARKED TO INDICATE THE PROPOSED PRODUCT.
- .03 THE PRODUCT DATA SHALL CLEARLY IDENTIFY AND INDICATED VARIATIONS OR DEVIATIONS FROM SPECIFIED OR SCHEDULED EQUIPMENT INCLUDING DEVIATIONS FROM ANY REQUIRED SEQUENCE OF OPERATION.
- .03 INCLUDE COLOR SELECTION CHARTS WITH PRODUCTS REQUIRING COLOR SELECTION.
- .04 ALL PRODUCT DATA SHALL BE SUBMITTED AT ONE TIME. PARTIAL SUBMITTALS WILL BE RETURNED WITHOUT REVIEW.
- .05 PROVIDE A SUBMITTAL REGISTER FOR REVIEW AND APPROVAL AT START OF PROJECT.

OPERATION AND MAINTENANCE MANUAL

- .01 PROVIDE THE OWNER WITH AN OPERATION AND MAINTENANCE MANUAL.
- .02 INCLUDE MANUFACTURER'S SPECIFICATIONS, OPERATING AND MAINTENANCE INSTRUCTIONS, WARRANTY INFORMATION ON EACH PIECE OF EQUIPMENT, START-UP REPORTS, TESTING REPORTS, BALANCE REPORT, SCHEMATIC DIAGRAMS OF CONTROL SYSTEMS, A SOURCE OF SUPPLY FOR SPARE PARTS AND SERVICE, AND AS-BUILTS.

EQUIPMENT INSTALLATION

- .01 INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND RECOMMENDED SERVICE CLEARANCES.
- .02 PROVIDE ALL MISCELLANEOUS MATERIALS, APPURTENANCES, ACCESSORIES, SUPPORTS, AND CONTROL CONNECTIONS AS REQUIRED FOR A COMPLETE AND OPERATING PIECE OF EQUIPMENT.

ACCESS

- .01 PROVIDE WORKABLE ACCESS TO ALL SERVICEABLE AND/OR OPERABLE EQUIPMENT.
- .02 PROVIDE ACCESS DOOR OF REQUIRED RATING FOR ACCESS TO ALL SERVICEABLE AND/OR OPERABLE EQUIPMENT LOCATED ABOVE HARD CEILINGS OR IN WALLS.

SUPPORTS AND ANCHORS

- .01 EQUIPMENT SHALL BE ADEQUATELY SUPPORTED IN ACCORDANCE WITH CODE REQUIREMENTS, SEISMIC REQUIREMENTS AND GOOD PRACTICE.
- .02 ALL SUPPORTS SHALL BE SECURED TO BUILDING STRUCTURAL ELEMENTS.

MECHANICAL IDENTIFICATION

- .01 PIPING AND EQUIPMENT IN THE MECHANICAL ROOM SHALL BE PROVIDED WITH IDENTIFICATION.
- .02 PIPING, CONCEALED OR EXPOSED, SHALL BE LABELED WITH ADHESIVE BACKED WRAP AROUND PIPE MARKERS, INDICATING SERVICE AND FLOW DIRECTION. LABELS BE SHALL BE READABLE FROM FLOOR, AT LEAST ONCE IN EVERY ROOM, NOT MORE THAN 20 FEET ON CENTER AND AT EACH SIDE OF WALL, FLOOR, AND CEILING PENETRATIONS. COLOR SCHEME IN ACCORDANCE WITH ANSI A13.1.
- .03 EQUIPMENT SHALL BE LABELED WITH HEAT RESISTANT LAMINATED THREE LAYER PLASTIC NAMEPLATES. PROVIDE WITH ENGRAVED BLACK LETTERS ON LIGHT CONTRASTING BACKGROUND COLOR.

PIPING

- .01 ABOVEGROUND SANITARY WASTE AND VENT PIPING IF REQUIRED SHALL BE ASTM A888/CISPI 301 NO-HUB CAST IRON, ASTM B306 COPPER DWV, ASTM D2661 ABS DWV OR ASTM D2665 SOLID WALL PVC DWV. SLOPE PIPING AT A MINIMUM OF 1/4" PER FOOT UNLESS OTHERWISE NOTED. NO EXPOSED PLASTIC PIPING ALLOWED IN FINISHED AREAS OR WITHIN CABINETRY.
- .02 ABOVEGROUND DOMESTIC WATER PIPING IF REQUIRED SHALL BE ASTM B88 TYPE L COPPER, HARD DRAWN. JOINTS FOR COPPER PIPES SHALL BE SOLDERED ASTM B32 95-5 TA OR LEAD-FREE OR BRAZED ANSII/AWS A5.8 BCUP. PROGRESS STYLE FITTINGS/JOINTS NOT ALLOWED. PIPING SHALL COMPLY WITH ANSII/NSF 61 AS SUITABLE FOR POTABLE WATER USE.
- .03 PROVIDE NSF 61 AND UPC CERTIFIED BRAIDED STAINLESS STEEL FLEXIBLE PIPING FOR FINAL CONNECTIONS AT FAUCETS, APPLIANCES, ETC. LENGTH AS REQUIRED.

- .04 HEATING WATER PIPING SHALL BE ASTM B88 TYPE L COPPER FOR SIZES 3" AND SMALLER AND ASTM A53 SCHEDULE 40 STEEL FOR SIZES 4" AND LARGER. JOINTS FOR COPPER PIPING SHALL BE SOLDERED ASTM B32 95-5 TA OR LEAD-FREE OR BRAZED ANSII/AWS A5.8 BCUP AND FOR STEEL PIPING SCHEDULE 40 STEEL, WELDED FITTINGS. PROGRESS STYLE FITTINGS/JOINTS ALLOWED. VICTAULIC AND PROGRESS NOT ALLOWED.
- .05 ABOVEGROUND NATURAL GAS PIPING IF REQUIRED SHALL BE ASTM A53 SCHEDULE 40 STEEL. THREADED FITTINGS FOR LOW PRESSURE OR VIEGA MEGAPRESS-G SYSTEM.
- .06 ROUTE PIPES PARALLEL WITH BUILDING LINES UNLESS OTHERWISE INDICATED. CONCEAL ALL PIPING IN FINISHED AREAS UNLESS AUTHORIZED BY OWNER.
- .07 PROVIDE CHROME PLATED SPRING CLIP TYPE ESCUTCHEON PLATES AT EXPOSED WALL, FLOOR AND CEILING PIPE PENETRATIONS AND AT PENETRATIONS WITHIN CABINETS.
- .08 PROVIDE DIELECTRIC UNIONS OR NIPPLES AT PIPING JOINTS BETWEEN DISSIMILAR METALS.

VALVES

- .01 ISOLATION VALVES SHALL BE BALL VALVES. GATE VALVES AND GLOBE VALVES ARE NOT ACCEPTABLE.
- .02 ISOLATION VALVES SHALL BE FULL LINE SIZE AND FULL PORT.
- .03 VALVES FOR DOMESTIC WATER SYSTEMS SHALL MEET LOW-LEAD CODES AND REGULATIONS.
- .04 STOPS AT FIXTURES SHALL BE LOW LEAD BRASS BODY AND STEM, CHROME PLATED, QUARTER TURN, STRAIGHT OR ANGLED.
- .05 VALVES FOR GAS SERVICE SHALL BE AGA APPROVED.
- .06 BALANCE VALVES SHALL BE B&G CIRCUIT SETTER OR APPROVED EQUAL. BALANCING VALVES ON DOMESTIC WATER SYSTEMS SHALL BE LOW LEAD, NSF-61.
- .07 AUTOMATIC FLOW LIMITING VALVES SHALL BE GRISWOLD OR APPROVED EQUAL. AUTOMATIC FLOW LIMITING VALVES ON DOMESTIC WATER SYSTEMS SHALL BE LOW LEAD, NSF-61.
- .08 CONTROL VALVES SHALL BE BRONZE BODY AND SEAT WITH STAINLESS STEEL STEM AND SCREWED ENDS. ANSI CLASS 250 BODY. SUITABLE FOR FLUID TEMPERATURES OF UP TO 300°F. CONTROL VALVES SHALL BE CORRECTLY SELECTED FOR SERVICE AND FLOW OF THE SYSTEM SERVED. A PRESSURE DROP OF 3 PSI SHALL BE USED FOR SIZING OF MODULATING VALVES. TWO POSITION SHUTOFF VALVES SHALL BE LINE SIZE AND FULL PORT. PROVIDE ELECTRONIC ACTUATORS WITH SUFFICIENT CLOSE-OFF PRESSURE TO CLOSE VALVE AGAINST SYSTEM PUMP PRESSURE.
- .09 PROVIDE GAS ISOLATION VALVES AT EACH GAS APPLIANCE.
- .10 PROVIDE BALANCE VALVES AT PUMPS AND WHERE INDICATED ON DRAWINGS. INSTALL PER MANUFACTURER'S REQUIREMENTS.
- .11 PROVIDE AUTOMATIC FLOW LIMITING VALVES AT TERMINAL HEATING UNITS AND WHERE INDICATED ON PLANS. PSID RANGE OF FLOW LIMITING CARTRIDGES SHALL BE SELECTED BY MANUFACTURER BASED ON THEIR REVIEW OF THE SYSTEM LAYOUT(S) AND ASSOCIATED PUMP(S). CARTRIDGES FOUND OUT OF RANGE DURING BALANCING SHALL BE CORRECTED BY THE MANUFACTURER, REPLACED, AND INSTALLED AT NO COST. INSTALL PER MANUFACTURER'S REQUIREMENTS. SELECT VALVES WITH A MAXIMUM OF 7.5 FEET HEAD LOSS.
- .12 PRESSURE GAUGES SHALL MEET ASME B40.1 GRADE 1A WITH METAL CASING, BLACK SCALE ON WHITE BACKGROUND AND PSI SCALE. THE INDICATION RANGE SHALL BE SUITABLE FOR APPLICATION.

PLUMBING

- .01 PLUMBING FIXTURES SHALL BE COMMERCIAL GRADE WITH MANUFACTURER AND MODEL AS INDICATED ON THE PLUMBING FIXTURE SCHEDULE OR APPROVED EQUAL.
- .02 COORDINATE WITH ARCHITECTURAL PLANS AND ELEVATIONS, CODE REQUIREMENTS AND MANUFACTURER'S INSTALLATION REQUIREMENTS FOR THE FINAL PLUMBING FIXTURE AND TRIM LOCATIONS.
- .03 PLUMBING FIXTURES WITH A LEFT-HAND OR RIGHT-HAND CONFIGURATION OPTION SHALL BE COORDINATED WITH THE PLANS.
- .04 ADA ACCESSIBLE LAVATORY'S AND SINK'S P-TRAP, ANGLE STOPS, COLD AND HOT WATER PIPING SHALL BE PROVIDED WITH A PREMANUFACTURED SAFETY COVER SYSTEM AND IN ACCORDANCE WITH REQUIREMENTS OF ADA 4.19.4, AND THE UPC. TRUEBRO OR APPROVED EQUAL.

HEATING

- .01 HEATING EQUIPMENT SHALL BE COMMERCIAL GRADE WITH MANUFACTURER AND MODEL AS INDICATED ON THE EQUIPMENT SCHEDULES OR APPROVED EQUAL.
- .02 AUTOMATIC AIR VENTS SHALL BE PROVIDED AT ALL HIGH POINTS OF THE PIPING SYSTEM, HEATING COILS, UNIT HEATERS AND FAN COIL UNITS. MANUAL AIR VENTS SHALL BE PROVIDED AT BASEBOARD.
- .03 LOW POINT DRAINS SHALL BE PROVIDED AT ALL LOW POINTS OF THE PIPING SYSTEMS.
- .04 VENTING PER EQUIPMENT MANUFACTURER'S INSTRUCTIONS. FLUE PIPING SHALL BE LISTED FOR USE WITH CATEGORY IV CONDENSING APPLIANCES AND AS APPROVED BY EQUIPMENT MANUFACTURER EXCEPT FOR PVC. PVC FOR FLUE VENTING NOT ALLOWED.

VENTILATION

- .01 VENTILATION SYSTEM SHALL BE PROTECTED DURING CONSTRUCTION PER SMACNA RECOMMENDATIONS. DUCT OPENINGS SHALL BE COVERED DURING CONSTRUCTION TO PREVENT THE ENTRANCE OF DUST AND DEBRIS.
- .02 VENTILATION EQUIPMENT SHALL BE COMMERCIAL GRADE WITH MANUFACTURER AND MODEL AS INDICATED ON THE EQUIPMENT SCHEDULES OR APPROVED EQUAL.
- .03 DUCTWORK IF REQUIRED SHALL BE GALVANIZED SHEET METAL, RECTANGULAR OR ROUND AS INDICATED ON PLANS.

INSULATION

- .01 ALL INSULATION INSTALLED INSIDE THE BUILDING SHALL HAVE 25 OR LESS FLAME SPREAD, 50 OR LESS SMOKE DEVELOPED RATING.
- .02 FIBERGLASS PIPING INSULATION, ASTM C547, SHALL HAVE A MAXIMUM K VALUE OF 0.23 AT 75°F MEAN TEMPERATURE, ASTM C1045.
- .03 FLEXIBLE FIBERGLASS DUCT INSULATION, ASTM C553, SHALL HAVE A MAXIMUM K VALUE OF 0.29 AT 75°F MEAN TEMPERATURE, ASTM C518.
- .04 HEATING WATER/GLYCOL PIPING SHALL BE INSULATED WITH PRE-FORMED FIBERGLASS INSULATION WITH FACTORY APPLIED VAPOR BARRIER ALL SERVICE JACKET AND PREMANUFACTURED PLASTIC FITTING INSULATION.
 - 1-1/2" INSULATION THICKNESS FOR PIPE 1-1/4" AND SMALLER.
 - 2" INSULATION THICKNESS FOR PIPE 1-1/2" AND LARGER.

CONTROLS

- .01 EQUIPMENT REQUIRING DDC CONTROL WILL BE CONTROLLED BY THE BUILDING'S EXISTING CONTROL SYSTEM. DDC WORK SHALL BE BY THE OWNER'S PREFERRED DDC CONTRACTOR. COORDINATE WITH THE OWNER.
- .02 PROVIDE A COMPLETE AND OPERATIONAL CONTROLS AS REQUIRED TO PROVIDE EQUIPMENT CONTROL AS SPECIFIED UNDER THE SEQUENCE OF OPERATIONS AND AS NOTED ON THE SCHEDULES.
- .03 THE DDC SYSTEM SHALL HAVE APPROPRIATE SYSTEM GRAPHICS OR MODIFIED/UPDATED SYSTEM GRAPHICS FOR WORK PERFORMED WITH THIS PROJECT.
- .04 PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, POWER, WIRING, CONDUIT, CONTROLLERS, THERMOSTATS, ACTUATORS, TRANSFORMERS, AND ASSOCIATED CONTROL COMPONENTS FOR A COMPLETE AND OPERATIONAL SYSTEM.
- .05 ALL CONTROL WIRING ABOVE 24V SHALL BE ROUTED IN CONDUIT. 24V AND LESS CONTROL WIRING ABOVE HARD OR OTHERWISE INACCESSIBLE CEILINGS SHALL BE ROUTED IN CONDUIT. 24V AND LESS CONTROL WIRING NOT IN CONDUIT SHALL BE PLENUM RATED.
- .06 RESIDENTIAL UNIT THERMOSTATS SHALL BE NON-DIGITAL, NON-PROGRAMMABLE, LOW VOLTAGE, 4" ROUND DIAL, RAISED TACTILE NUMBERS, AND LINES FOR TOUCH READING, 5/16 BOLD BLACK NUMBERS ON WHITE BACKGROUND FOR IMPROVED VISIBILITY. HONEYWELL T87N OR EQUAL.

TEST AND START-UP

- .01 TEST ALL REMODELED PLUMBING PIPING SYSTEMS IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE.
- .02 TEST ALL REMODELED GAS PIPING SYSTEMS IN ACCORDANCE WITH THE INTERNATIONAL FUEL GAS CODE.
- .03 TEST ALL REMODEL HYDRONIC PIPING SYSTEMS IN ACCORDANCE WITH THE INTERNATIONAL MECHANICAL CODE.
- .04 FLUSH AND DISINFECT THE DOMESTIC POTABLE WATER PIPING SYSTEMS IN ACCORDANCE WITH THE UNIFORM PLUMBING CODE.
- .05 FLUSH AND CLEAN HYDRONIC PIPING SYSTEMS IN ACCORDANCE WITH WATER TREATMENT RECOMMENDATIONS AND GOOD PRACTICE.
- .07 PROVIDE BOILER START-UP WITH THE SERVICES OF BOILER MANUFACTURER'S AUTHORIZED REPRESENTATIVE. PERFORM PROCEDURES AND TESTS REQUIRED BY THE MANUFACTURER AND PROVIDE THE OWNER WITH A COPY OF THE START-UP REPORT AT END OF PROJECT.

TESTING, ADJUSTING, AND BALANCING (TAB)

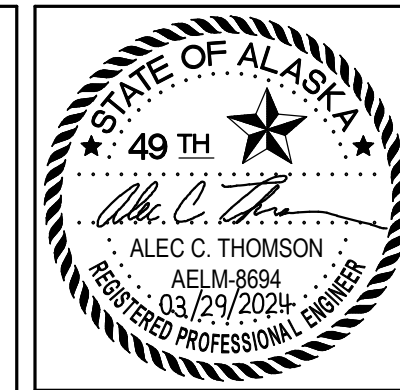
- .01 TEST, ADJUST, AND BALANCE THE AIR SYSTEMS IN AREAS OF REMODEL. BALANCE EXHAUST FANS WHEN AFTER ALL FANS HAVE BEEN REPLACED. COORDINATE WITH OWNER FOR BALANCING TAKING PLACE IN RESIDENTIAL UNITS.
- .02 TEST, ADJUST, AND BALANCE THE ENTIRE HYDRONIC SYSTEMS. BALANCE PUMPS WHEN PUMPS ARE INSTALLED. BALANCE TERMINAL UNITS WHEN AFTER ALL TERMINAL UNITS HAVE BEEN REPLACED AND REBALANCE PUMPS WITH THIS EFFORT. COORDINATE WITH OWNER FOR BALANCING TAKING PLACE IN RESIDENTIAL UNITS.
- .03 AIR AND HYDRONIC FLOWS ARE TO BE BALANCED TO WITHIN +/-10% OF DESIGN VALUES. BALANCING PROCEDURES SHALL BE IN ACCORDANCE WITH NEBB OR AABC REQUIREMENTS.
- .04 PRIOR TO START OF TAB, VERIFY THE SYSTEMS AND EQUIPMENT ARE READY FOR THIS WORK.
- .05 CORRECT ANY AIR AND/OR HYDRONIC DEFICIENCIES FOUND DURING INITIAL TESTING PRIOR TO FINAL TESTING.
- .06 NOTIFY THE ENGINEER OF ANY PROBLEMS ENCOUNTERED DURING THE BALANCING PROCEDURE.
- .07 PERMANENTLY MARK THE FINAL SETTING OF VALVES, DAMPERS AND OTHER ADJUSTMENT DEVICES.
- .08 COMPLETE AND SUBMIT NEBB OR AABC OR SIMILAR TEST REPORT FORMS AT CONCLUSION OF TAB FOR REVIEW AND APPROVAL. REPORT SHALL INCLUDE A "% OF DESIGN" VALUE FOR EACH AIR AND HYDRONIC DEVICE BALANCED.

RECORD DRAWINGS

- .01 MAINTAIN ACCURATE PROJECT RECORD DRAWINGS INDICATING ALL FIELD CHANGES IN RED INK FROM THE ORIGINAL PLANS MADE DURING INSTALLATION OF WORK.
- .02 SUBMIT RECORD DRAWINGS TO OWNER AT COMPLETION OF PROJECT.

TRAINING

- .01 PROVIDE ON-SITE INSTRUCTION FOR THE OWNER'S PERSONNEL IN THE OPERATION, CARE AND MAINTENANCE OF ALL SYSTEMS AND EQUIPMENT.



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COOK INLET HOUSING AUTHORITY
TYONEK TERRACES RENOVATIONS
ANCHORAGE, ALASKA

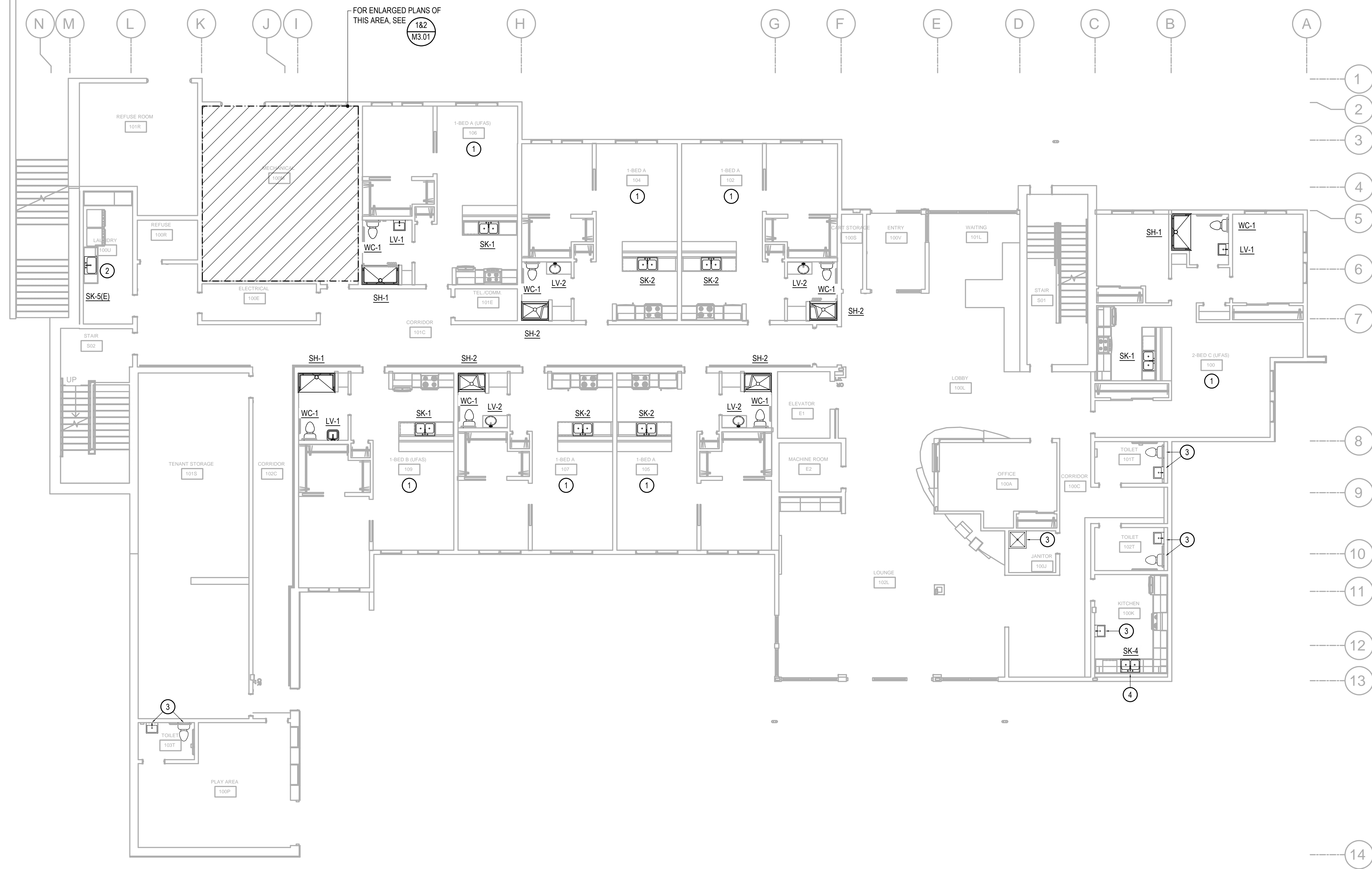
REVISION SCHEDULE		
#	DESCRIPTION	DATE

JOB NO.	2024.005.0
DATE	03/29/2024
DRAWN	ACT
REVIEWED	ACT

SHEET NAME
MECHANICAL SPECIFICATIONS

SHEET NO.
M0.03

0"
1"



FOR ENLARGED PLANS OF THIS AREA, SEE 182 M3.01

SHEET NOTES

1. EXISTING SYSTEMS SHOWN ON THE DRAWINGS ARE FROM RECORD DRAWINGS AND A NON-DESTRUCTIVE WALK THROUGH OF THE SPACE. ACTUAL SYSTEMS MAY VARY FROM THE INFORMATION INDICATED ON THE DRAWINGS. THE DRAWINGS MAY NOT SHOW ALL EXISTING SYSTEMS. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS, LOCATIONS, SERVICE, AND SIZES BEFORE START OF WORK.
2. COORDINATE WITH BUILDING OWNER FOR ALL WORK TAKING PLACE IN OCCUPIED TENANT SPACES AND FOR WORK REQUIRING SHUT DOWN OF BUILDING SYSTEMS.
3. BRANCH PIPING TO INDIVIDUAL PLUMBING FIXTURES SHALL EQUAL THE SIZE INDICATED ON THE PLUMBING FIXTURE SCHEDULE UNLESS OTHERWISE INDICATED.
4. PROVIDE CLEANOUT ON ALL INDIVIDUAL SINK RISERS.
5. REPAIR ALL AFFECTED SURFACES TO MATCH EXISTING AS REQUIRED. COORDINATE WITH ARCHITECTURAL.

KEY NOTES

- 1 REMOVE AND REPLACE EXISTING TENANT UNIT PLUMBING FIXTURES. PROVIDE / MODIFY PIPING AS REQUIRED FOR RECONNECTIONS. CONTRACTOR TO FIELD VERIFY EXISTING INTERIOR DIMENSIONS PRIOR TO FINAL SHOWER SELECTION.
- 2 REPLACE EXISTING LAUNDRY SINK FAUCET. REMOVE AND RE-INSTALL EXISTING LAUNDRY SINK AS REQUIRED FOR CASEWORK WORK. COORDINATE WITH ARCHITECTURAL.
- 3 EXISTING FIXTURE TO REMAIN, REMOVE AND REINSTALL AS REQUIRED FOR INTERIOR WORK. COORDINATE WITH ARCHITECTURAL.
- 4 REMOVE AND REPLACE COMMON AREA 3-COMPARTMENT SINK. PROVIDE / MODIFY PIPING AS REQUIRED FOR RECONNECTIONS.

1 FIRST FLOOR - PLUMBING PLAN
SCALE: 1/8" = 1'-0"



CERTIFICATE OF AUTHORIZATION NO: T3 ALASKA, LLC. AECL #: 1625

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 PH: 907-665-7900 FAX: 907-665-7975

**COOK INLET HOUSING AUTHORITY
 TYONEK TERRACES RENOVATIONS
 ANCHORAGE, ALASKA**

REVISION SCHEDULE		
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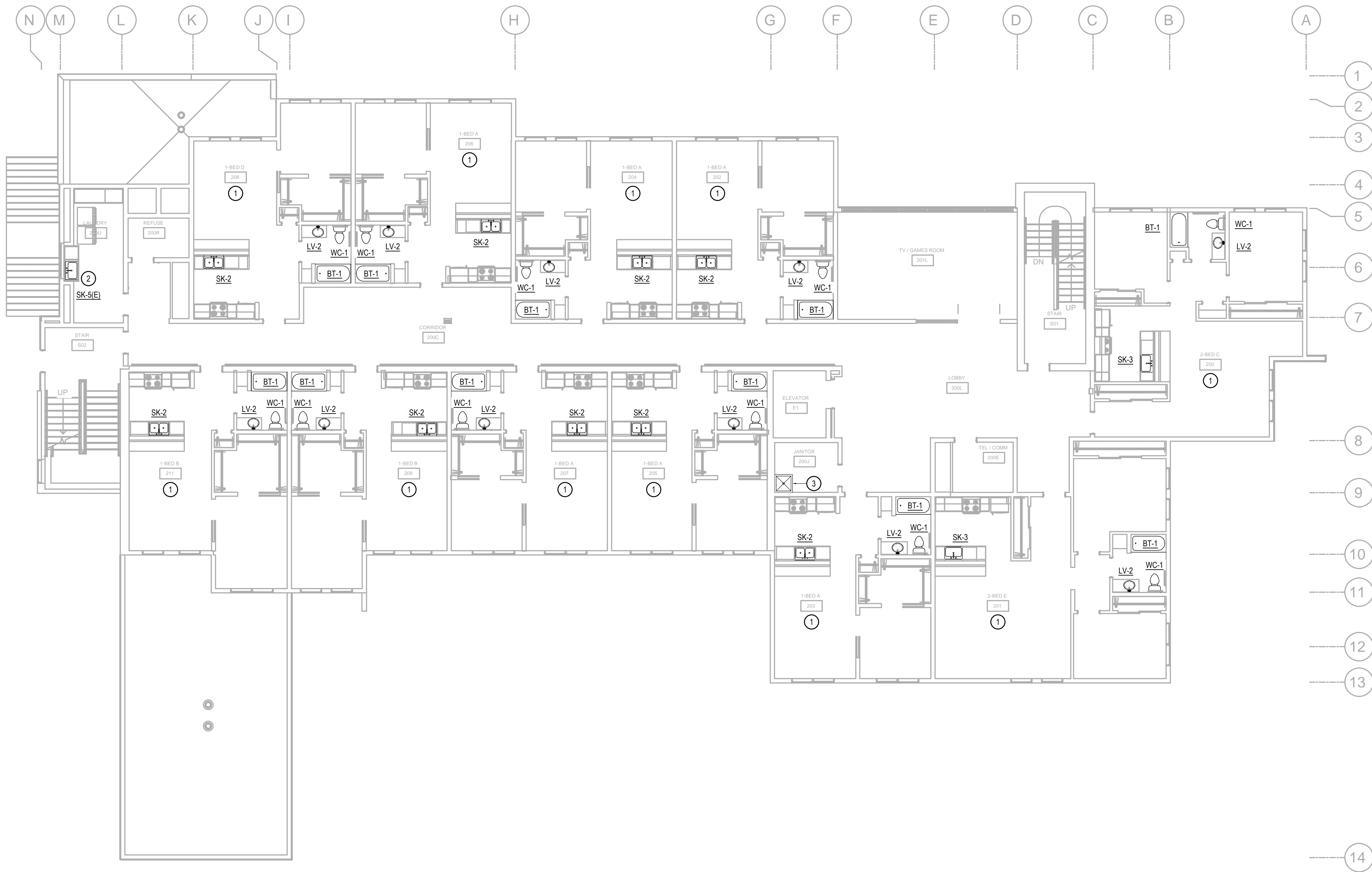
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REVIEWED	ACT

SHEET NAME
 FIRST FLOOR
 PLUMBING PLAN

SHEET NO.
M1.01

0"

1"



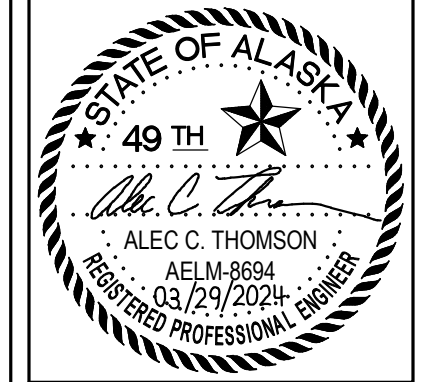
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- PROVIDE CLEANOUT ON ALL INDIVIDUAL SINK RISERS.
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KEY NOTES

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- REPLACE EXISTING LAUNDRY SINK FAUCET. REMOVE AND RE-INSTALL EXISTING LAUNDRY SINK AS REQUIRED FOR CASEWORK WORK. COORDINATE WITH ARCHITECTURAL.
- EXISTING FIXTURE TO REMAIN.

1 SECOND FLOOR - PLUMBING PLAN
SCALE: 1/8" = 1'-0"



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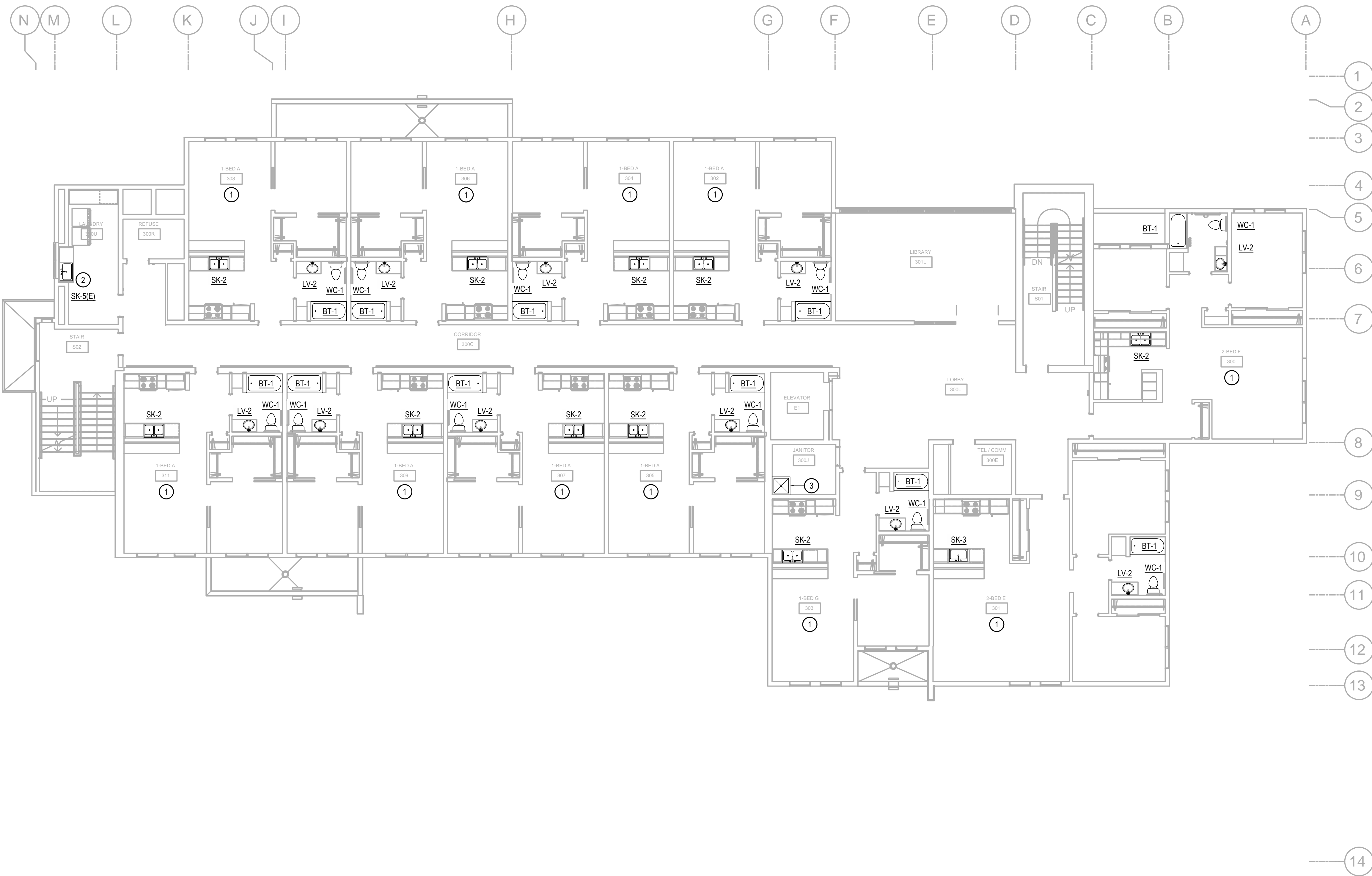
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#	DESCRIPTION	DATE

JOB NO. 2024.005.0
DATE 03/29/2024
DRAWN STH/NZS
REVIEWED ACT

SHEET NAME
SECOND FLOOR
PLUMBING PLAN

SHEET NO.
M1.02

0"
1"



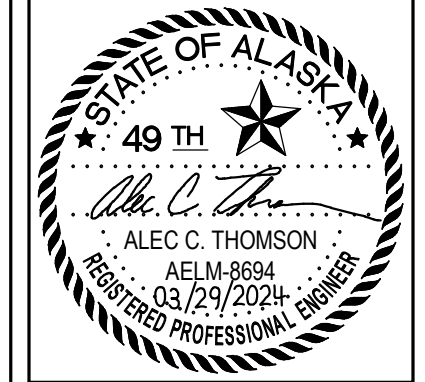
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5. REPAIR ALL AFFECTED SURFACES TO MATCH EXISTING AS REQUIRED. COORDINATE WITH ARCHITECTURAL.

KEY NOTES

- ① REMOVE AND REPLACE EXISTING TENANT UNIT PLUMBING FIXTURES. PROVIDE / MODIFY PIPING AS REQUIRED FOR RECONNECTIONS. CONTRACTOR TO FIELD VERIFY EXISTING INTERIOR DIMENSIONS PRIOR TO FINAL SHOWER/TUB SELECTION.
- ② REPLACE EXISTING LAUNDRY SINK FAUCET. REMOVE AND RE-INSTALL EXISTING LAUNDRY SINK AS REQUIRED FOR CASEWORK WORK. COORDINATE WITH ARCHITECTURAL.
- ③ EXISTING FIXTURE TO REMAIN.

1 THIRD FLOOR - PLUMBING PLAN
SCALE: 1/8" = 1'-0"



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ANCHORAGE, ALASKA**

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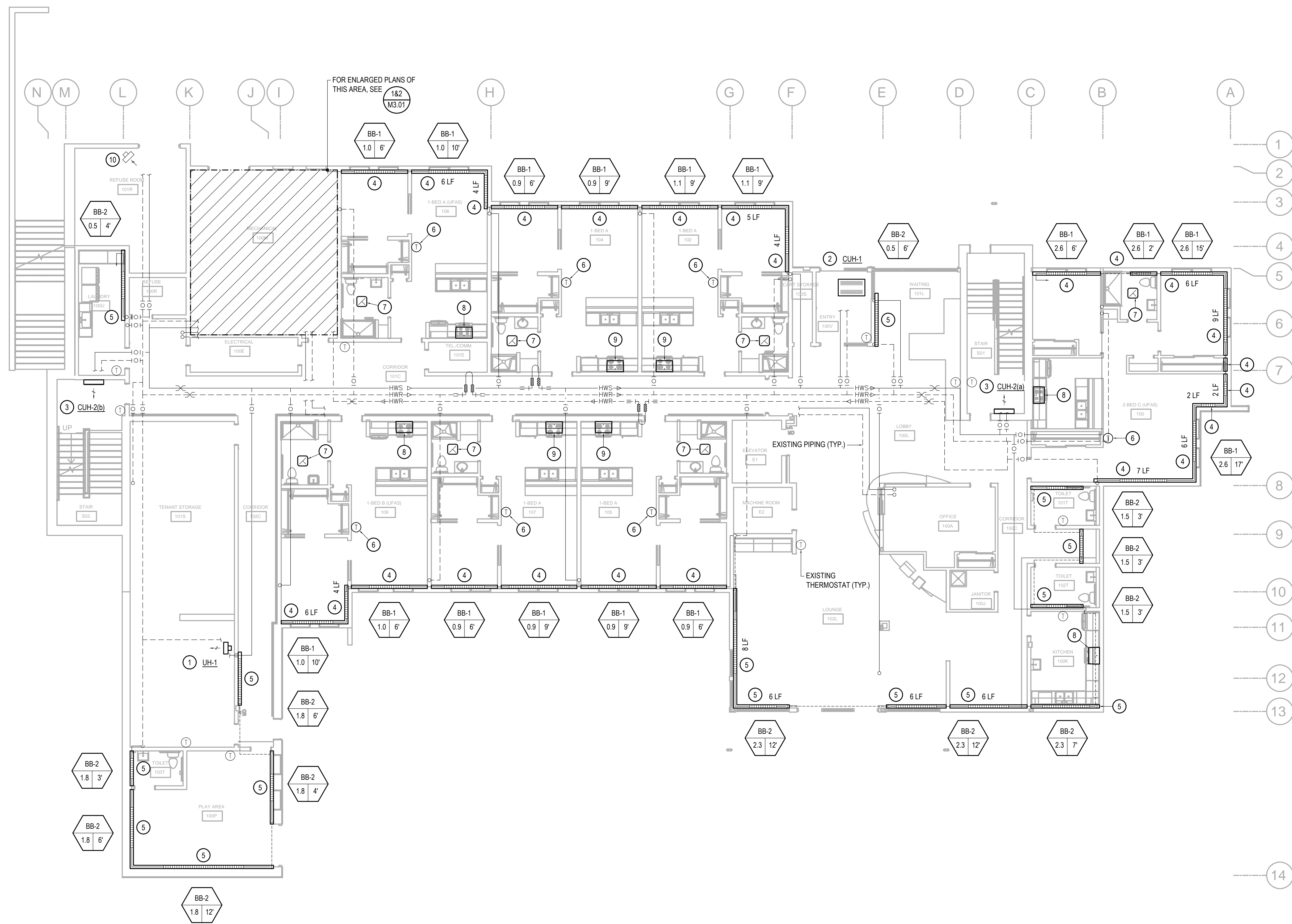
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REVIEWED	ACT

SHEET NAME
**THIRD FLOOR
PLUMBING PLAN**

SHEET NO.
M1.03

0"

1"



1 FIRST FLOOR - HVAC PLAN
SCALE: 1/8" = 1'-0"

SHEET NOTES

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- REPAIR ALL AFFECTED SURFACES TO MATCH EXISTING AS REQUIRED. COORDINATE WITH ARCHITECTURAL.

KEY NOTES

- REMOVE EXISTING UNIT HEATER. REPLACE WITH UH-1. SEE DETAIL 3/M5.01.
- REMOVE EXISTING CABINET UNIT HEATER. REPLACE WITH CUH-1. SEE DETAIL 4/M5.01. PATCH AND REPAIR CEILING SURFACE AS REQUIRED TO MATCH EXISTING. SEE ARCHITECTURAL.
- REMOVE EXISTING CABINET UNIT HEATER. REPLACE WITH CUH-2. SEE DETAIL 5/M5.01.
- REMOVE EXISTING BASEBOARD. REPLACE WITH BB-1. SEE DETAIL 1/M5.01.
- REMOVE EXISTING BASEBOARD. REPLACE WITH BB-2. SEE DETAIL 2/M5.01.
- REMOVE AND REPLACE EXISTING THERMOSTAT. PROVIDE HONEYWELL / THE ROUND EASY-TO-SEE THERMOSTAT OR APPROVED EQUAL.
- REMOVE EXISTING EXHAUST FAN. REPLACE WITH EF-1. SEE DETAIL 6/M5.01. PATCH AND REPAIR CEILING SURFACE AS REQUIRED TO MATCH EXISTING. REMOVE EXISTING HUMIDISTAT. PATCH AND REPAIR WALL OR PROVIDE COVER PLATE AS APPLICABLE TO MATCH EXISTING. COORDINATE WITH ARCHITECTURAL.
- REMOVE AND REPLACE EXISTING RANGE HOOD. REPLACE WITH RH-1. PROVIDE UFAS COMPLIANT CONTROLS. RECONNECT TO EXISTING DUCTWORK. COORDINATE WITH ARCHITECTURAL CASEWORK.
- REMOVE AND REPLACE EXISTING RANGE HOOD. REPLACE WITH RH-2. RECONNECT TO EXISTING DUCTWORK. COORDINATE WITH ARCHITECTURAL CASEWORK.
- EXISTING UNIT HEATER TO REMAIN.



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**COOK INLET HOUSING AUTHORITY
 TYONEK TERRACES RENOVATIONS
 ANCHORAGE, ALASKA**

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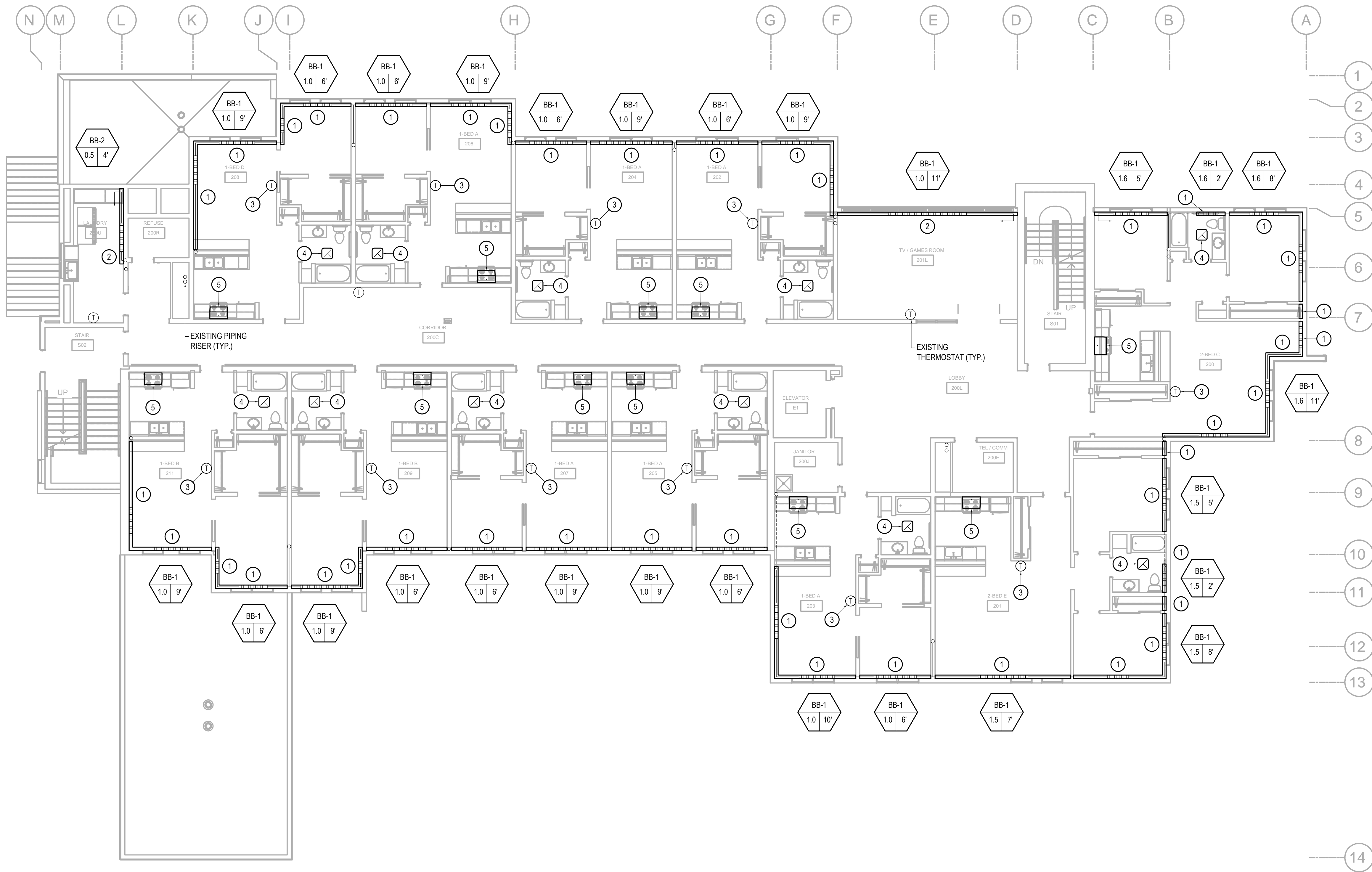
JOB NO. 2024.005.0
 DATE 03/29/2024
 DRAWN STH
 REVIEWED ACT

SHEET NAME
 FIRST FLOOR
 HVAC PLAN

SHEET NO.
M2.01

0"

1"



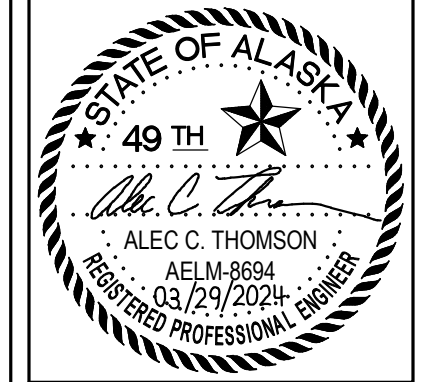
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KEY NOTES

- REMOVE EXISTING BASEBOARD. REPLACE WITH BB-1. SEE DETAIL 1/M5.01.
- REMOVE EXISTING BASEBOARD. REPLACE WITH BB-2. SEE DETAIL 2/M5.01.
- REMOVE AND REPLACE EXISTING THERMOSTAT. PROVIDE HONEYWELL / THE ROUND EASY-TO-SEE THERMOSTAT OR APPROVE EQUAL.
- REMOVE EXISTING EXHAUST FAN. REPLACE WITH EF-1. SEE DETAIL 6/M5.01. PATCH AND REPAIR CEILING SURFACE AS REQUIRED TO MATCH EXISTING. REMOVE EXISTING HUMIDISTAT. PATCH AND REPAIR WALL OR PROVIDE COVER PLATE AS APPLICABLE TO MATCH EXISTING. COORDINATE WITH ARCHITECTURAL.
- REMOVE AND REPLACE EXISTING RANGE HOOD. REPLACE WITH RH-2. RECONNECT TO EXISTING DUCTWORK. COORDINATE WITH ARCHITECTURAL CASEWORK.

1 SECOND FLOOR - HVAC PLAN
SCALE: 1/8" = 1'-0"



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**COOK INLET HOUSING AUTHORITY
TYONEK TERRACES RENOVATIONS
ANCHORAGE, ALASKA**

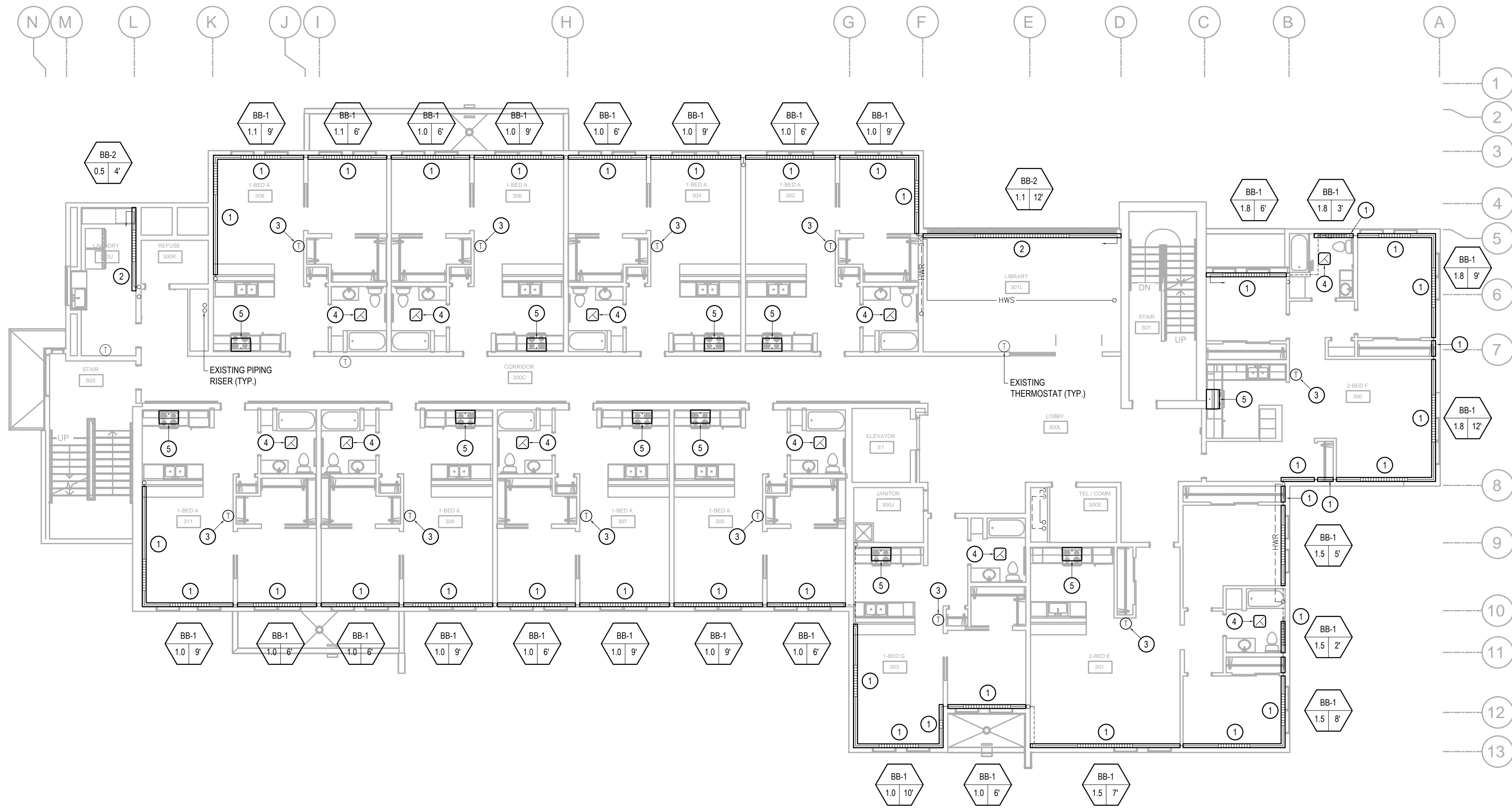
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#	DESCRIPTION	DATE

JOB NO.	2024.005.0
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DRAWN	STH
REVIEWED	ACT

SHEET NAME
SECOND FLOOR
HVAC PLAN

SHEET NO.
M2.02

0"
1"



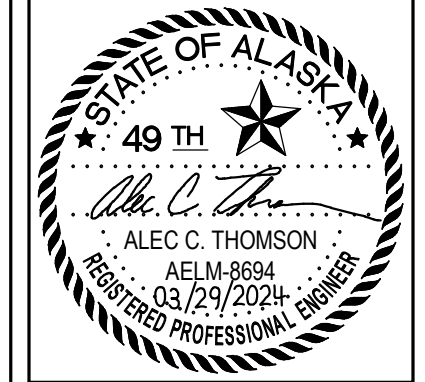
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- REMOVE AND REPLACE EXISTING RANGE HOOD. REPLACE WITH RH-2. RECONNECT TO EXISTING DUCTWORK. COORDINATE WITH ARCHITECTURAL CASEWORK.

1 THIRD FLOOR - HVAC PLAN
SCALE: 1/8" = 1'-0"



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**COOK INLET HOUSING AUTHORITY
TYONEK TERRACES RENOVATIONS
ANCHORAGE, ALASKA**

REVISION SCHEDULE		
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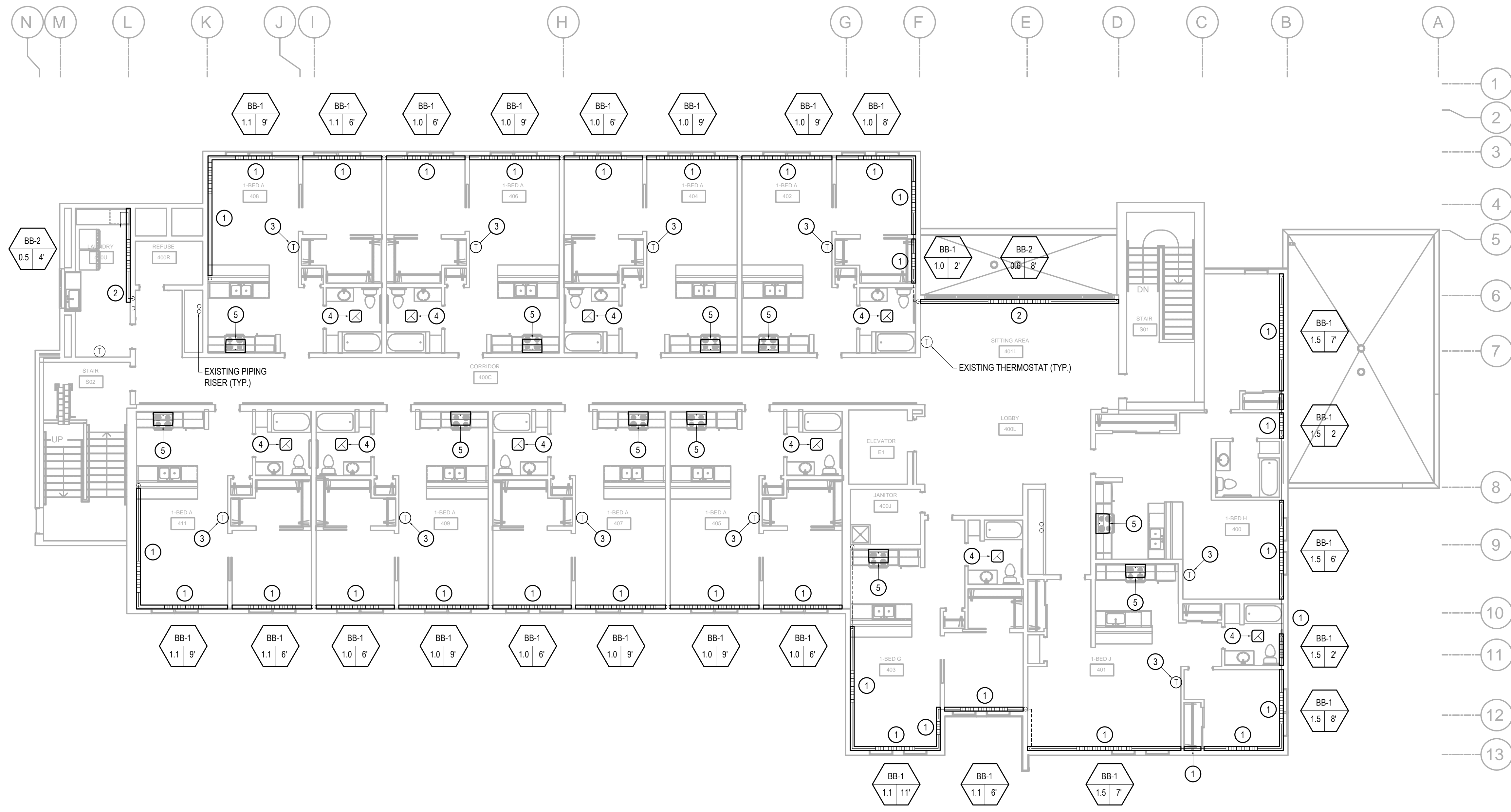
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SHEET NAME
THIRD FLOOR
HVAC PLAN

SHEET NO.
M2.03

0"

1"



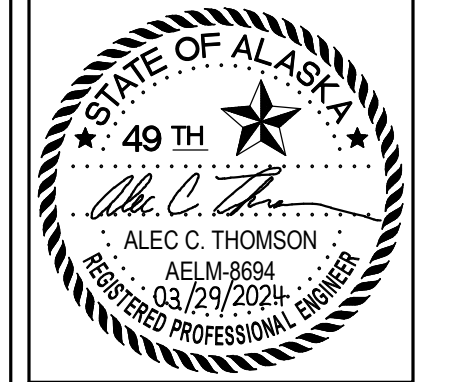
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KEY NOTES

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- REMOVE AND REPLACE EXISTING RANGE HOOD. REPLACE WITH RH-2. RECONNECT TO EXISTING DUCTWORK. COORDINATE WITH ARCHITECTURAL CASEWORK.

1 FOURTH FLOOR - HVAC PLAN
SCALE: 1/8" = 1'-0"



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**COOK INLET HOUSING AUTHORITY
 TYONEK TERRACES RENOVATIONS
 ANCHORAGE, ALASKA**

REVISION SCHEDULE		
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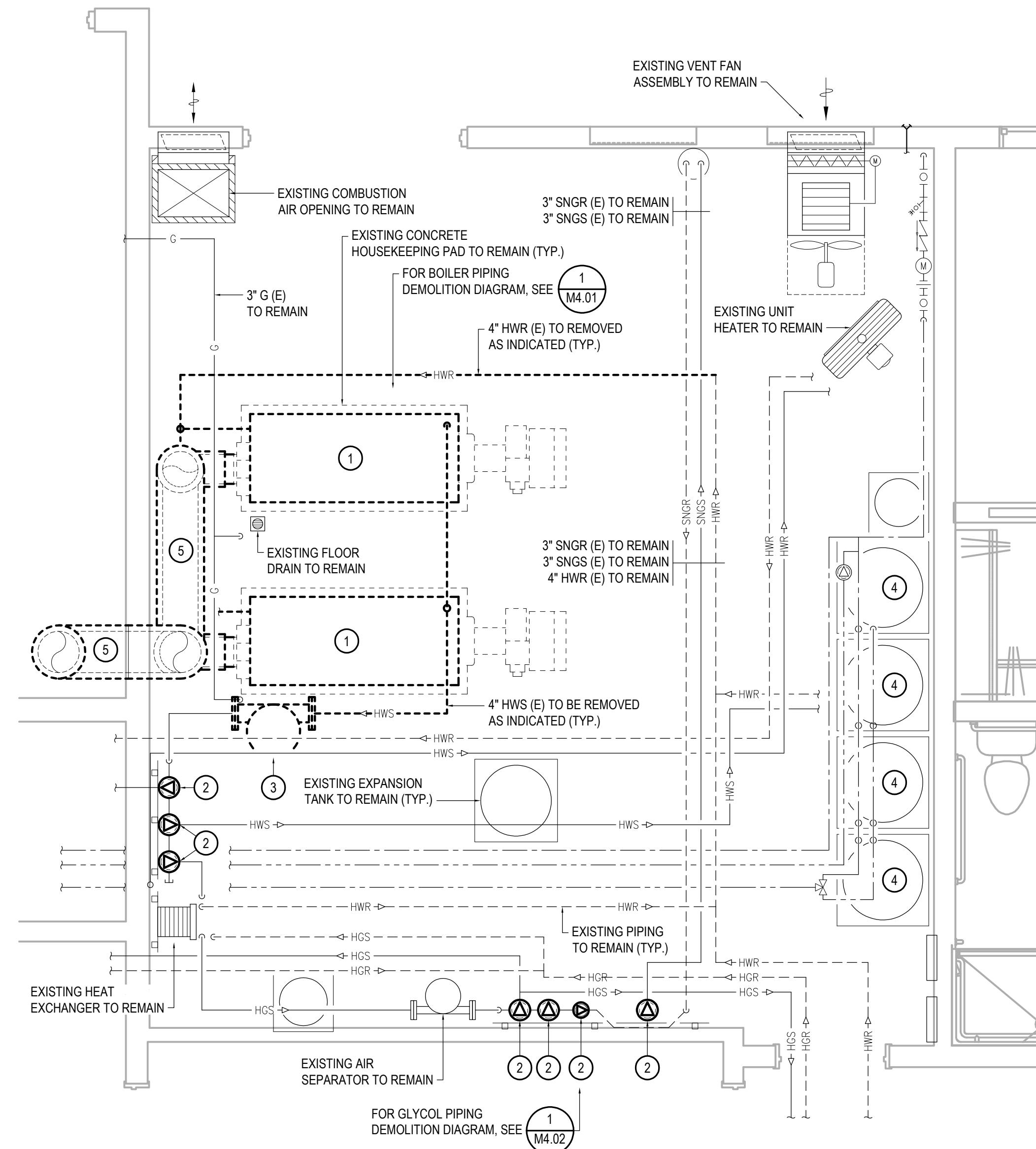
SHEET NAME
FOURTH FLOOR
HVAC PLAN

SHEET NO.
M2.04

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0"

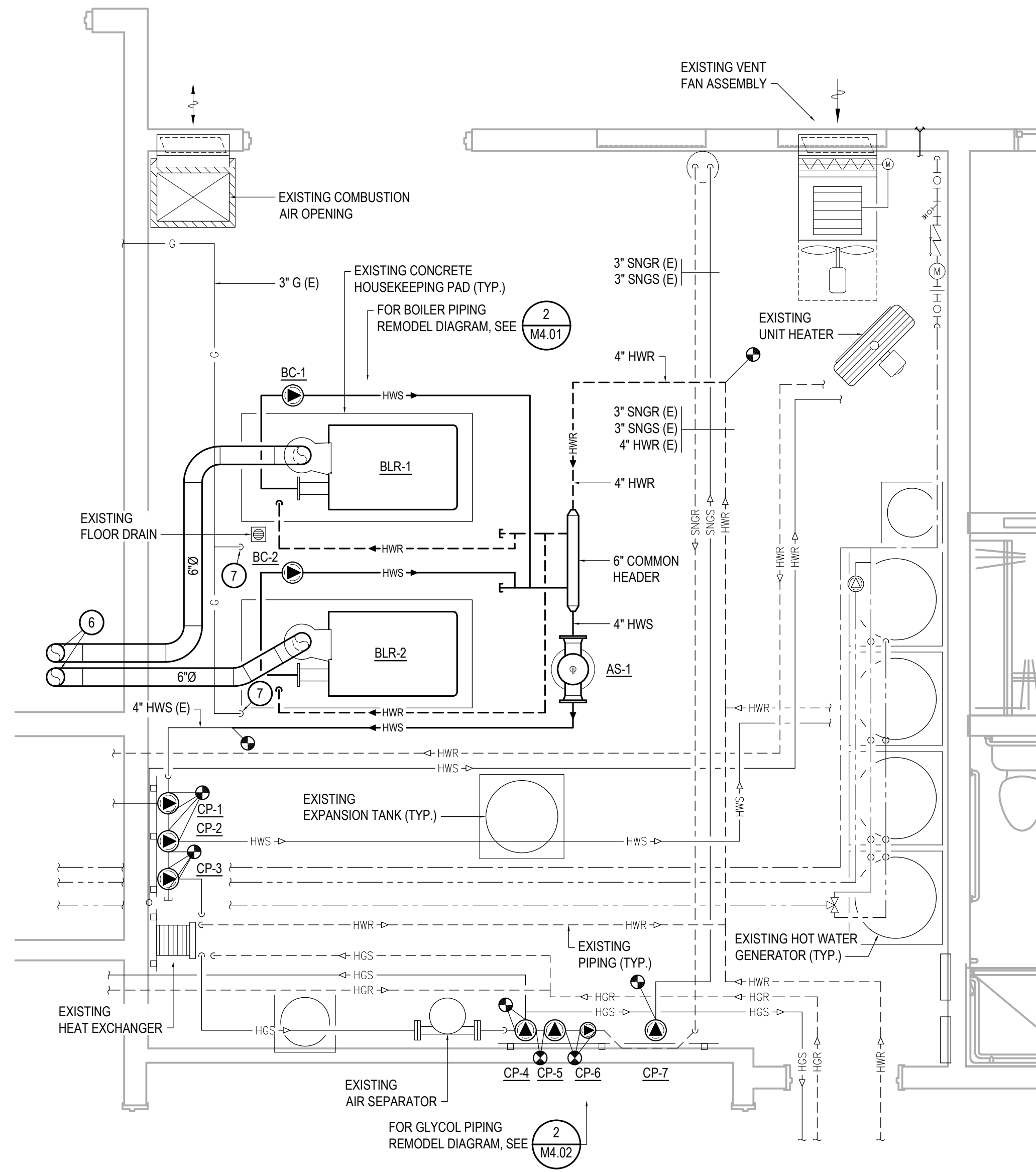
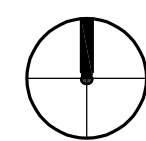
1"



1

MECHANICAL ROOM DEMOLITION PLAN

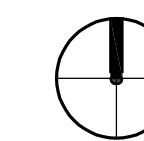
SCALE: 3/8" = 1'-0"



2

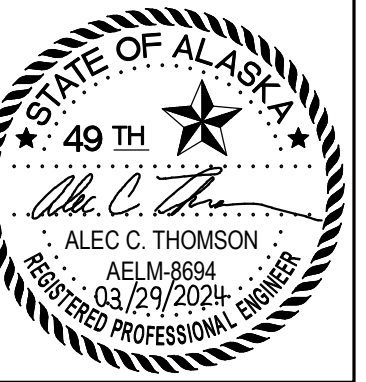
MECHANICAL ROOM REMODEL PLAN

SCALE: 3/8" = 1'-0"



KEY NOTES

- EXISTING BOILER TO BE REMOVED. REMOVE HYDRONIC AND GAS PIPING AS REQUIRED FOR REMODEL WORK. COORDINATE WITH REMODEL WORK.
- EXISTING PUMP TO BE REMOVED. MODIFY PIPING AS REQUIRED FOR REMODEL WORK. COORDINATE WITH REMODEL WORK.
- EXISTING AIR SEPARATOR TO BE REMOVED. REMOVE ASSOCIATED PIPING AS INDICATED AND AS REQUIRED FOR REMODEL WORK. COORDINATE WITH REMODEL WORK.
- EXISTING HOT WATER GENERATOR TO REMAIN.
- EXISTING EXHAUST FLUE TO BE REMOVED IN ITS ENTIRETY.
- 6" EXHAUST FLUE UP. FOR FLUE TERMINATION DETAIL SEE 7/M5.01.
- MODIFY EXISTING 2-1/2" GAS PIPING AS REQUIRED FOR CONNECTION TO BOILER. COORDINATE FINAL CONNECTION TO BOILER PER MANUFACTURER'S REQUIREMENTS.



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COOK INLET HOUSING AUTHORITY
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 ANCHORAGE, ALASKA

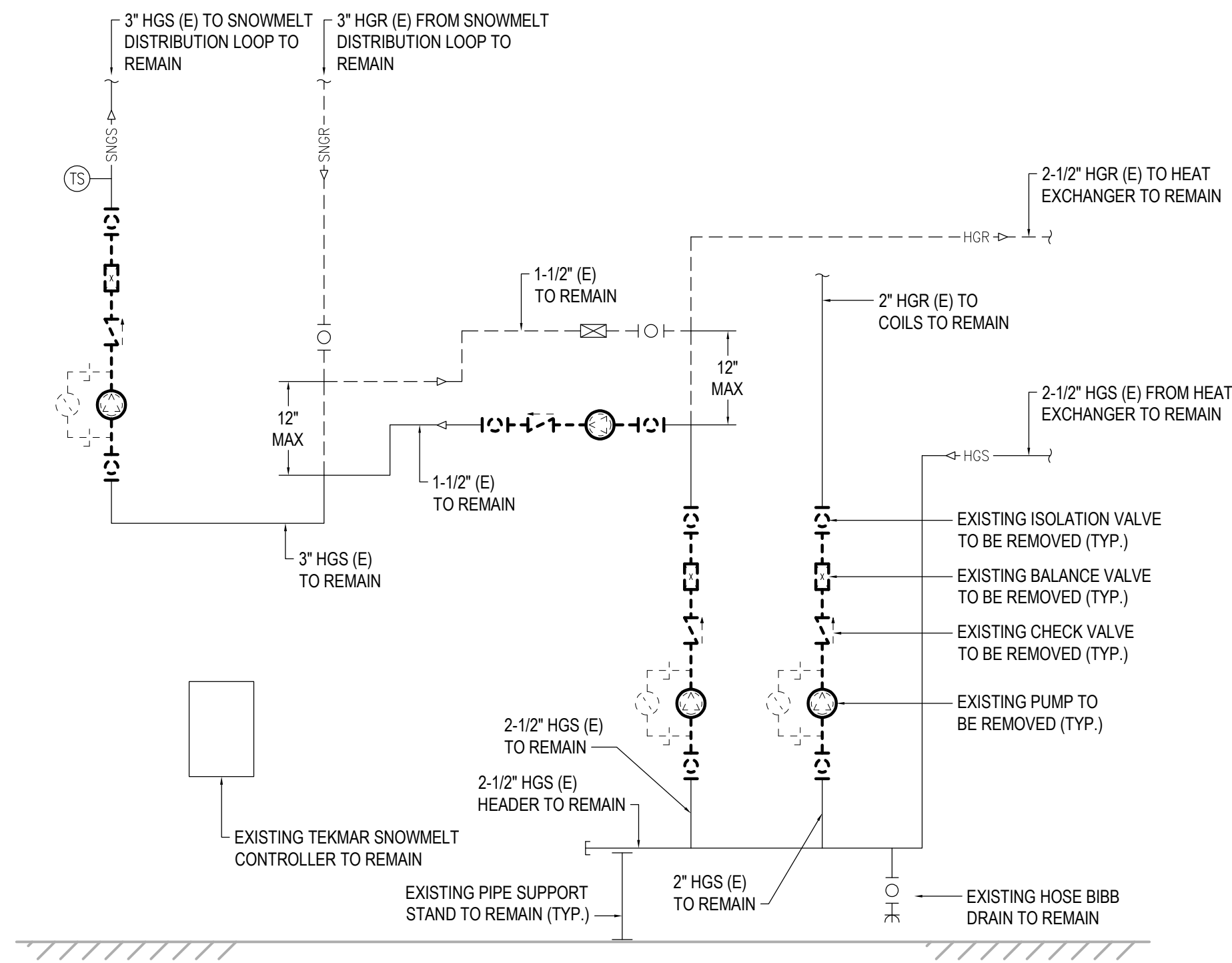
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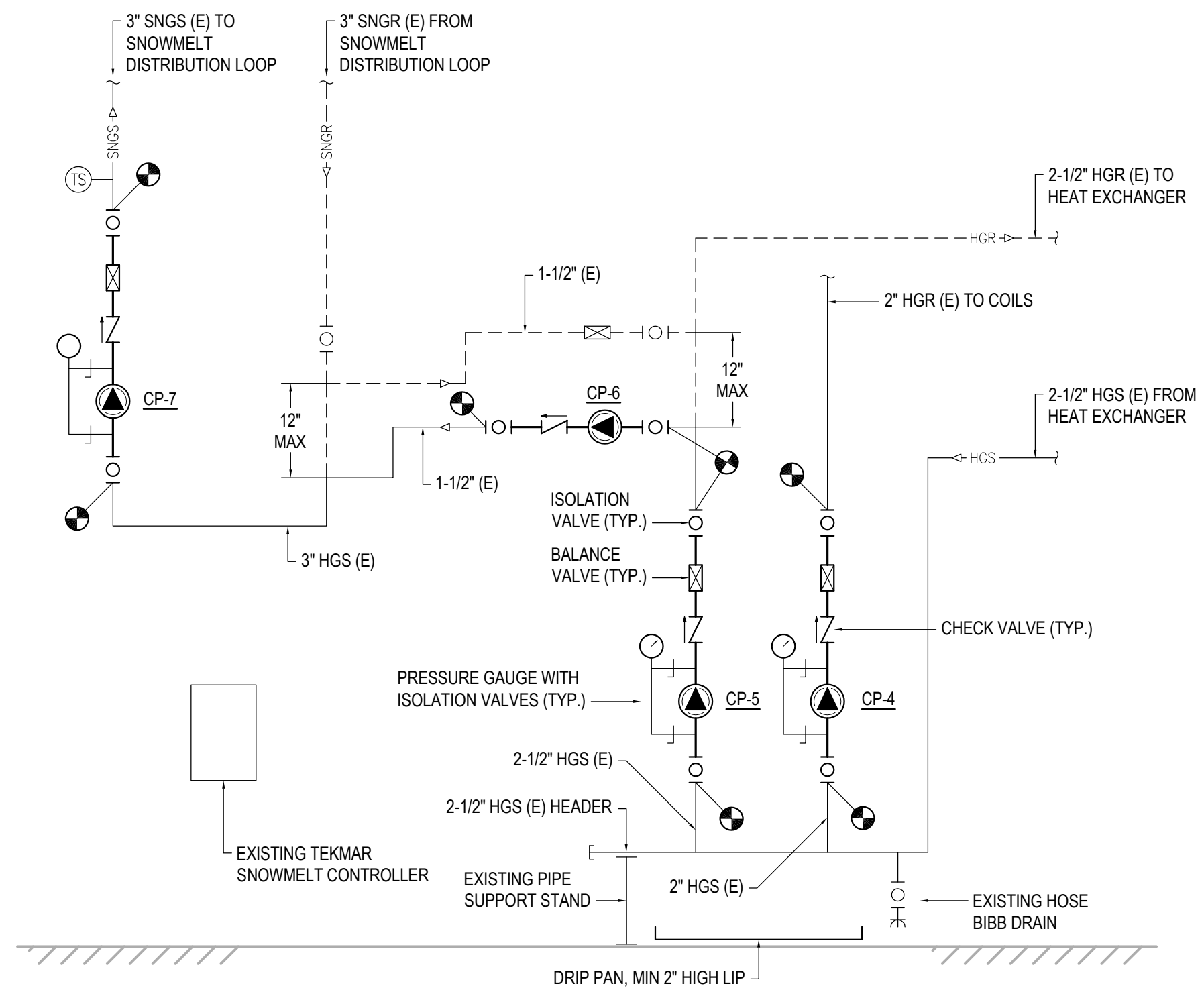
SHEET NAME
 MECHANICAL ROOM PLANS

SHEET NO.
M3.01

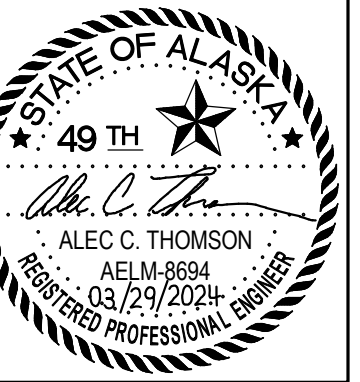
0"
1"



1 HEATING GLYCOL PIPING DEMOLITON PLAN
SCALE: NONE



2 HEATING GLYCOL PIPING REMODEL PLAN
SCALE: NONE



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JOB NO. 2024.005.0
DATE 03/29/2024
DRAWN MDP
REVIEWED ACT

SHEET NAME
GLYCOL PIPING DIAGRAMS

SHEET NO.
M4.02