ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING MECHANICAL UPGRADES
PROJECT ANC-C-23-0001

CONFORMED
PERMIT DRAWINGS PACKAGE
AUGUST 8, 2022

PROJECT TEAM

Owner
Alaska Court System
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Anchorage, AK 99501

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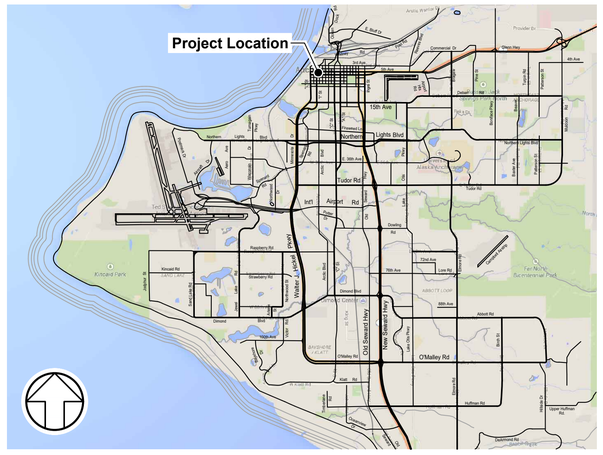
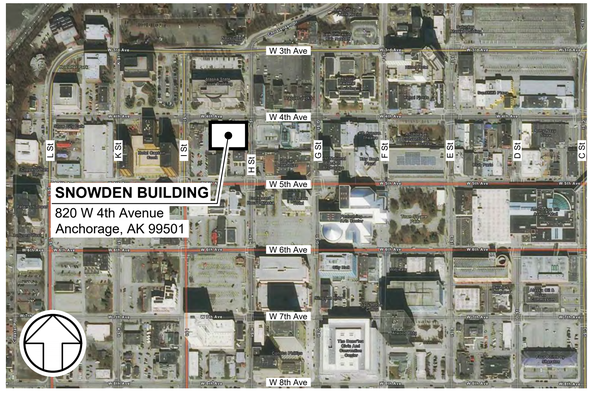
LOCATION MAP



Anchorage, Alaska

VICINITY MAP



DRAWING INDEX

AMC Project: 21805
Sheet Title
COVER SHEET

Sheet Number
G001

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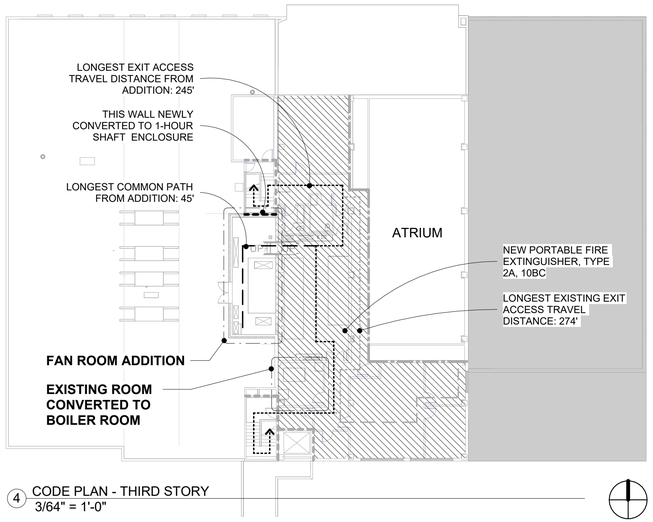
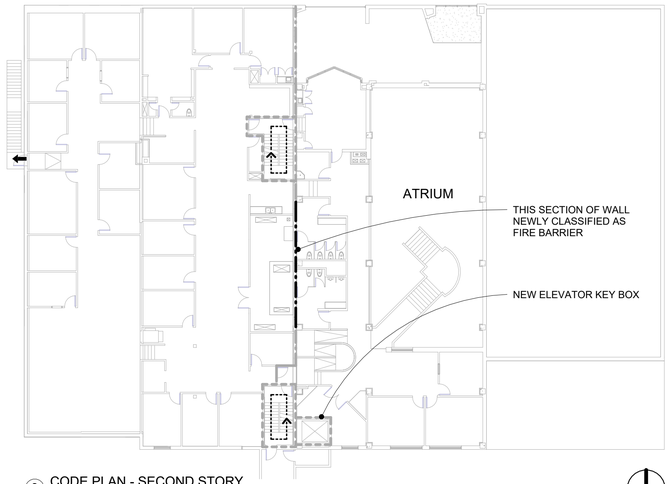
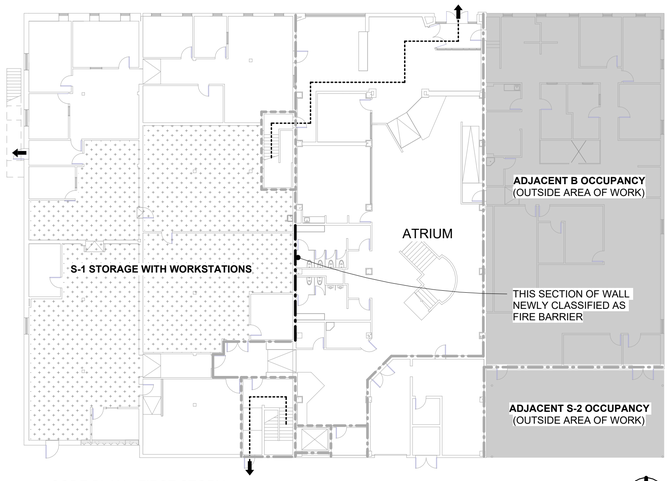


4 CODE PLAN - THIRD STORY
3/64" = 1'-0"



3 CODE PLAN - SECOND STORY
3/64" = 1'-0"



2 CODE PLAN - FIRST STORY
3/64" = 1'-0"

BUILDING CODE ANALYSIS

PROPERTY INFORMATION:
OWNER: STATE OF ALASKA - DEPARTMENT OF NATURAL RESOURCES
LEGAL DESCRIPTION: BLOCK 39, LOT 1A-1
PROJECT ADDRESS: 838 W 4TH AVENUE, ANCHORAGE, AK 99501

AUTHORITY HAVING JURISDICTION:
MUNICIPALITY OF ANCHORAGE

APPLICABLE CODES:
2018 INTERNATIONAL BUILDING CODE
2018 INTERNATIONAL EXISTING BUILDING CODE
2018 INTERNATIONAL FIRE CODE
2018 INTERNATIONAL MECHANICAL CODE
2017 NATIONAL ELECTRICAL CODE
2018 UNIFORM PLUMBING CODE
2009 ICC/ANSI A117.1
MOA TITLE 21

PROJECT SUMMARY:
THIS PROJECT COMPRISES ALTERATIONS TO HEATING AND VENTILATION SYSTEMS IN A THREE-STORY OFFICE BUILDING WITH LIMITED ARCHITECTURAL ALTERATIONS AS NEEDED FOR THE NEW HEATING AND VENTILATION CONFIGURATION.

IBC BUILDING SUMMARY:
STORIES / AREAS / OCC. ABOVE GRADE:

1	22,233 GSF	GROUP B / S-1 / S-2	*Unchanged*
2	12,262 GSF	GROUP B	*Unchanged*
3	4,121 GSF	GROUP B	*Increased from 3,666 GSF w/ mechanical room addition*

BUILDING HEIGHT:	39 FT	*Unchanged*
FIRE SPRINKLER SYSTEM:	NFPA 13 THROUGHOUT	*Unchanged*
FIRE ALARM SYSTEM:	EQUIPPED THROUGHOUT	*Unchanged*
SEPARATION OF OCCUPANCIES:	NONE	*Unchanged*
FIRE RATED BLDG ELEMENTS:	NONE	*Unchanged*
TYPE OF CONSTRUCTION:	VB	

The building was previously considered Type V-1HR with the sprinkler system applied as a substitution for building element fire ratings.

IBC CHAPTER 4 - SPECIAL DETAILED REQUIREMENTS
404.5 - SMOKE CONTROL (IN ATRIUMS)
SMOKE CONTROL SYSTEM REQUIRED PER 909.
EXCEPTION: NOT REQUIRED WHERE ATRIUM CONNECTS ONLY TWO STORIES.

IBC 2021 verbiage clarifies the intent of this provision, indicating that an atrium may be more than two stories in height but separated from stories above the second story. This verbiage points to section 713.4 to determine the rating for this separation. In this case, because the atrium only extends through three stories, the required rating for the separation from the third story is 1-HR.
[ref. IBC 2021 Section 404.5, Exception 2; IBC 2021 Section 713.4.]

In conversation with the Anchorage Building Department and Fire Prevention Department, it was agreed that the design may rely on the above verbiage from IBC 2021. Accordingly, the atrium will not be equipped with a smoke control system, and the entire third floor is separated from the atrium with fire barriers and horizontal assemblies.

404.6- ENCLOSURE OF ATRIUMS
SEPARATE FROM ADJACENT SPACES WITH 1-HR FIRE BARRIERS OR HORIZONTAL ASSEMBLIES.
EXCEPTION 4: NOT REQUIRED WHERE SMOKE CONTROL SYSTEM IS NOT REQUIRED

Smoke control is not required, so enclosure is not required. Separation is provided only between the atrium and the third story as described above.

IBC CHAPTER 5 - GENERAL BUILDING HEIGHTS AND AREAS
TABLE 504.3 - ALLOWABLE BUILDING HEIGHT
GROUP B,S (S),(TYPE VB): 60 FT *Not exceeded*
TABLE 504.4 - ALLOWABLE STORIES ABOVE GRADE:
GROUP B (S): 3 *Not exceeded*
GROUP S-1 (S): 2 *Not exceeded*
GROUP S-2 (S): 3 *Not exceeded*
TABLE 506.2 - ALLOWABLE BUILDING AREA:
GROUP B (SM): 27,000 SF *Not exceeded*
GROUP S-1 (SM): 27,000 SF *Not exceeded*
GROUP S-2 (SM): 40,500 SF *Not exceeded*

508.4 - SEPARATED OCCUPANCIES
508.4.4 - SEPARATION
INDIVIDUAL OCCUPANCIES SHALL BE SEPARATED FROM ADJACENT OCCUPANCIES IN ACCORDANCE WITH TABLE 508.4.

TABLE 508.4 - REQUIRED SEPARATION OF OCCUPANCIES
GROUP B / GROUP S-1: NO SEPARATION REQUIRED

509 - INCIDENTAL USES
Boiler room equipment exceeds limits of Table 509. Boiler room will be equipped with an automatic sprinkler system and construction to resist the passage of smoke.

IBC CHAPTER 7 - FIRE AND SMOKE PROTECTION FEATURES
The routing of the required separation between the atrium and third story is slighly modified with this project. Walls newly interpreted as fire barriers or will be upgraded to meet the requirements of Section 707 and Section 711 respectively.

722.1 - CONCRETE ASSEMBLIES

An existing section of an 8" concrete wall is newly considered a fire barrier. The wall exceeds requirements for a one hour rating in Table 722.2.1.1.

IBC CHAPTER 10 - MEANS OF EGRESS
TABLE 1014.3 - COMMON PATH OF EGRESS TRAVEL
B, WITH SPRINKLER SYSTEM: 100 FT MAX. ALLOWABLE

TABLE 1016.2 - EXIT ACCESS TRAVEL DISTANCE
B, WITH SPRINKLER SYSTEM: 300 FT MAX. ALLOWABLE

Code plans indicate the longest common path and travel distance in each area of work. No Exit Stairways or Exit Passageways are required to reach the Exit Discharge.

TABLE 1018.1 - CORRIDOR FIRE-RESISTANCE RATING
B, WITH SPRINKLER SYSTEM: NO RATING REQUIRED.

1019 - EXIT ACCESS STAIRWAYS AND RAMPS
1019.3 OCCUPANCIES OTHER THAN GROUPS I-2 AND I-3
ENCLOSED WITH SHAFT ENCLOSURE

An existing exterior wall of an Exit Access Stairway converted to a shaft enclosure where the adjacent addition make the wall an interior wall.

IEBC CHAPTER 5 - PRESCRIPTIVE COMPLIANCE METHOD
502.1 GENERAL
ADDITIONS TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE FOR NEW CONSTRUCTION. ALTERATIONS TO THE EXISTING BUILDING OR STRUCTURE SHALL BE MADE TO ENSURE THAT THE EXISTING BUILDING OR STRUCTURE TOGETHER WITH THE ADDITION ARE NOT LESS COMPLYING WITH THE PROVISIONS OF THE INTERNATIONAL BUILDING CODE THAN THE BUILDING OR STRUCTURE WAS PRIOR TO THE ADDITION. AN EXISTING BUILDING TOGETHER WITH ITS ADDITIONS SHALL COMPLY WITH THE HEIGHT AND AREA PROVISIONS OF CHAPTER 5 OF THE INTERNATIONAL BUILDING CODE.

503.1 GENERAL
[...] ALTERATIONS TO ANY BUILDING OR STRUCTURE SHALL COMPLY WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE FOR NEW CONSTRUCTION. ALTERATIONS SHALL BE SUCH THAT THE EXISTING BUILDING OR STRUCTURE IS NOT LESS COMPLYING WITH THE PROVISIONS OF THE INTERNATIONAL BUILDING CODE THAN THE EXISTING BUILDING OR STRUCTURE WAS PRIOR TO THE ALTERATION.

All portions of the Addition as well as all altereed aspects of systems and spaces are compliant with the current International Building Code. No aspect of the work decreases the compliance of any aspect of the building.

ZONING CODE ANALYSIS

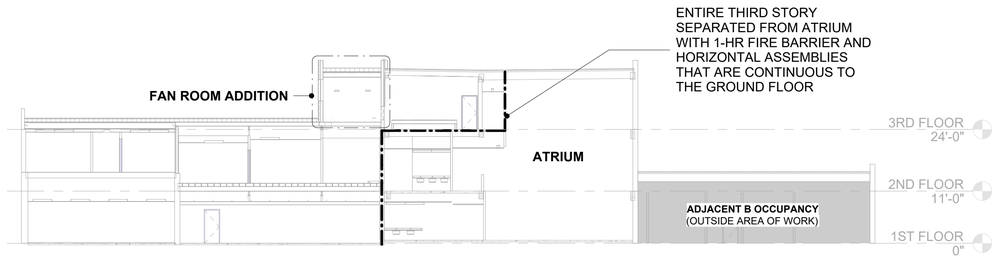
ZONING DISTRICT:
B2B

ZONING USE:
OFFICE - *NOT CHANGED*

ROOFTOP EQUIPMENT SCREENING:
EQUIPMENT MUST BE SCREENED FROM ABUTTING STREETS AND RESIDENTIAL LOTS. NO RESIDENTIAL LOTS ABUT THIS PROPERTY. THE ABUTTING STREETS ARE 4TH AVENUE AND H STREET. NO EXISTING OR NEW ROOFTOP EQUIPMENT IS VISIBLE FROM 4TH AVENUE OR H STREET.

NONCONFORMITIES / AUTHORITY TO CONTINUE (21.13.010.B) :
IN AN EXISTING PLANTING BED, PLANT COUNTS WERE FOUND TO BE ILLEGALLY NONCONFORMING LIKELY DUE TO DEATH OF THE PLANTS. THE PLANTING WILL BE BROUGHT INTO CONFORMITY WITH CURRENT TITLE 21.

BRINGING CHARACTERISTICS OF USE INTO COMPLIANCE (21.13.060.C) :
THE PROJECT MEETS CRITERIA TO REQUIRE BRINGING CHARACTERISTICS OF USE INTO COMPLIANCE AS OUTLINED IN TITLE 21:
- THERE ARE CHARACTERISTICS OF USE THAT ARE LEGALLY NONCONFORMING BUT DO NOT CONFORM WITH CURRENT CODE.
- THE WORK WILL REQUIRE A BUILDING PERMIT.
- THE WORK WILL EXCEED 10% OF THE ASSESSED VALUE OF THE STRUCTURE.



1 CODE SECTION
1/16" = 1'-0"

CODE LEGEND

⬅	EXIT
— — —	COMMON PATH OF EGRESS
----------	EXIT ACCESS TRAVEL DISTANCE BEYOND COMMON PATH
—·—	1-HR FIRE BARRIER OR HORIZONTAL ASSEMBLY
- - - -	1-HR SHAFT ENCLOSURE
	1-HR HORIZONTAL ASSEMBLY (IN PLAN)
	GROUP S-1 STORAGE WITH WORKSTATIONS (ALL OTHER AREAS GROUP B)
	NOT IN SCOPE

MOA ePlan Stamp

NOTIFICATION OF POTENTIAL HAZARDS

ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
IF NOT 1 INCH, SCALE ACCORDINGLY

Designed by:	MG
Checked by:	BAM
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
CODE ANALYSIS

Sheet Number
G002

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
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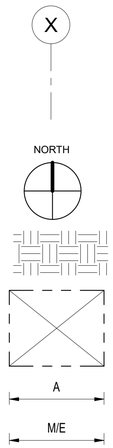
ABBREVIATIONS

&	AND
@	AT
A&B	ABOVE & BELOW
AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
ADD'L	ADDITIONAL
ADH	ADHESIVE
AFF	ABOVE FINISHED FLOOR
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
AISI	AMERICAN IRON AND STEEL INSTITUTE
ALT	ALTERNATE
ALUM	ALUMINUM
ANCH	ANCHOR, ANCHORAGE
APA	AMERICAN PLYWOOD ASSOCIATION
APPROX	APPROXIMATE
AR	ANCHOR ROD
ARCH	ARCHITECT, ARCHITECTURAL
ARND	AROUND
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASSY	ASSEMBLY
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
B/	BOTTOM OF
BAL	BALANCE
BF	BRACED FRAME
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
BOD	BOTTOM OF DECK
BOT	BOTTOM
BRG	BEARING
BSMT	BASEMENT
BTWN	BETWEEN
BU	BUILT-UP
C	CAMBER, CHANNEL
CANT	CANTILEVER
CAP	CAPACITY
CC	CENTER-TO-CENTER
CDF	CONTROL DENSITY FILL
CF	COLD-FORMED
CG	CENTER OF GRAVITY
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT, CONSTRUCTION JOINT
CJP, CP	COMPLETE JOINT PENETRATION
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUE, CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CP	COMPLETE PENETRATION
CRSI	CONCRETE REINFORCED STEEL INSTITUTE
CTR	CENTER, CENTERED
CY	CUBIC YARD
d	PENNYWEIGHT (NAILS)
DB	DIVIDER BEAM, DROPPED BEAM
DBA	DEFORMED BAR ANCHOR
DBL	DOUBLE
DBN	DIAPHRAGM BOUNDARY NAILING
DEG, °	DEGREE
DEMO	DEMOLISH, DEMOLITION
DF	DOUGLAS FIR
DFL	DOUGLAS FIR-LARCH
DIA, Ø	DIAMETER
DIAG	DIAGONAL
DIAPH	DIAPHRAGM
DIM	DIMENSION
DL	DEAD LOAD
DN	DOWN
DO	DITTO
DP	DEEP
DTL	DETAIL
DWG	DRAWING
DWL	DOWEL
(E)	EXIST EXISTING
EA	EACH
EE	EACH END
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
EMB, EMBED	EMBEDMENT
ENGR	ENGINEER
EQ	EARTHQUAKE, EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
ETC	ET CETERA
E-W	EAST-WEST
EXP	EXPANSION
EXT	EXTERIOR
FD	FLOOR DRAIN
FDN	FOUNDATION
FEMA	FEDERAL EMERGENCY MANAGEMENT AGENCY
FF	FAR FACE, FINISH FLOOR
FIN	FINISH
FLR	FLOOR
FLG	FLANGE
FOW	FACE OF WALL
FS	FAR SIDE
FT, '	FEET
FTG	FOOTING
GA	GAUGE
GALV	GALVANIZED
GB	GRADE BREAK
GEN	GENERAL
GL, GLULAM	GLUED LAMINATED MEMBER
GLB	GLUED LAMINATED BEAM
GR	GRADE
GRND	GROUND
GWB	GYPSUM WALL BOARD
HF	HEM-FIR
HGR	HANGER
HK	HOOK
HKP	HOUSE KEEPING PAD
HORIZ, H	HORIZONTAL
HP	HIGH POINT
HSB	HIGH STRENGTH BOLT
HSS	HOLLOW STRUCTURAL SECTION
HT	HEIGHT
IBC	INTERNATIONAL BUILDING CODE
ID	INSIDE DIAMETER
IF	INSIDE FACE
IN, "	INCH
INCL	INCLUDE
INFO	INFORMATION
INT	INTERIOR
IJ	ISOLATION JOINT
JST	JOIST
JT	JOINT
K	KIP (1,000 LB)
KSF	KIPS PER SQUARE FOOT
KSI	KIPS PER SQUARE INCH
L	LENGTH, ANGLE
LB, #	POUND
LF	LINEAL FOOT
LL	LIVE LOAD
LLBB	LONG LEGS BACK TO BACK
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION, LOCATE
LONGIT	LONGITUDINAL
LP	LOW POINT
LSH	LONG SLOTTED HOLE
LSL	LAMINATED STRAND LUMBER
LVL	LEVEL, OR LAMINATED VENEER LUMBER
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MECH	MECHANICAL
MF	MOMENT FRAME
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MPH	MILES PER HOUR
MTL	METAL
NF	NEAR FACE
NIC	NOT IN CONTRACT
NOM	NOMINAL
NO, #	NUMBER
N-S	NORTH-SOUTH
NS	NEAR SIDE, NONSHRINK
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OPNG	OPENING
OPP	OPPOSITE
OSH	OVERSIZED HOLE
OWJ	OPEN WEB JOIST
PC	PIECE, PRECAST
PCF	POUNDS PER CUBIC FOOT
PEN	PENETRATION
PERP	PERPENDICULAR
PL	PLATE, PROPERTY LINE
PLCS	PLACES
PLF	POUNDS PER LINEAR FOOT
PLWD	PLYWOOD
PNL	PANEL
PJP, PP	PARTIAL JOINT PENETRATION
PREFAB	PREFABRICATED
PS	PRESTRESS
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSL	PARALLEL STRAND LUMBER
PT	POINT, PRESSURE TREATED
P-T	POST-TENSIONED
PVC	POLYVINYL CHLORIDE
R	RAD RADIUS
RD	ROOF DRAIN
REF	REFERENCE
REINF	REINFORCING
REM	REMAINDER
REQD	REQUIRED
RND	ROUND
RO	ROUGH OPENING
RTN	RETURN
SBN	SHEAR WALL BOUNDARY NAILING
SC	SLIP CRITICAL
SCHED	SCHEDULE
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SJI	STEEL JOIST INSTITUTE
SOG	SLAB ON GRADE
SPC	SPACE, SPACED, SPACING
SPEC	SPECIFICATION
SQ	SQUARE
SS	STAINLESS STEEL
SSH	SHORT SLOTTED HOLE
STAG	STAGGER, STAGGERED
STD	STANDARD
STIFF	STIFFENER
STIR	STIRRUP
STL	STEEL
STRUC	STRUCTURAL
SUPP	SUPPORT
SYM	SYMMETRICAL, SYMMETRY
SW	SHEAR WALL
T/	TOP OF
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
TEMP	TEMPERATURE
THK	THICK, THICKNESS
THRU	THROUGH
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOS	TOP OF STEEL
TR	THREADED ROD
TRANS	TRANSVERSE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
VERT	VERTICAL
VIF	VERIFY IN FIELD
W	WIDTH, WIDE FLANGE
w/	WITH
WD	WOOD
WHS	WELDED HEADED STUD
W/O	WITHOUT
WP	WORK POINT
WT	WEIGHT
WWR	WELDED WIRE REINFORCEMENT

SYMBOLS

GENERAL SYMBOLS



GRID BUBBLE

GRID LINE

NORTH ARROW

SOIL

OPENING IN FLOOR OR WALL

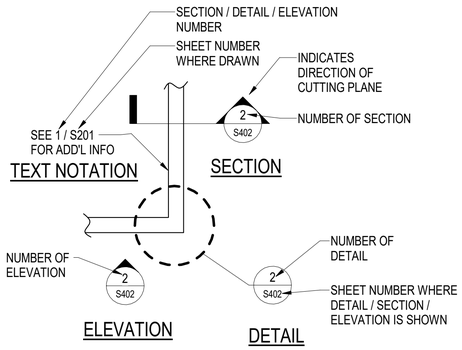
DIMENSION PER ARCHITECT

DIMENSION PER MECHANICAL OR ELECTRICAL

CONNECTORS

PLAN	SECTION	
		CONCRETE ANCHOR BOLT
		DRILL IN CONCRETE ANCHOR
		BOLT
		NAIL

DETAIL IDENTIFIERS



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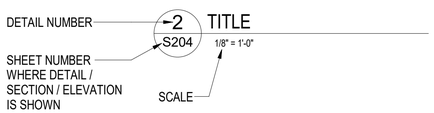
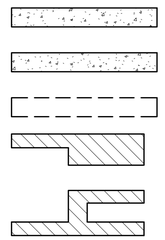


X'-X"	TOP OF SLAB RELATIVE TO DATUM
(X'-X")	TOP OF FOOTING RELATIVE TO DATUM
[X'-X"]	TOP OF WALL OR BEAM ELEVATION
	ELEVATION RELATIVE TO DATUM
	WORK POINT
	DIRECTION OF SPAN
	LIMIT OF SPAN
	SLOPE

CONCRETE SYMBOLS



CONCRETE WALL IN SECTION

CONCRETE CURB/PARTIAL HEIGHT WALL

CONCRETE WALL BELOW THIS LEVEL

CHANGE OF SLAB THICKNESS

RAISED SLAB

STEEL SYMBOLS

BEAM/GIRDER

COLUMN

STEEL IN CROSS SECTION

MOA ePLANS STAMP

NOTIFICATION OF POTENTIAL HAZARDS

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
IF NOT 1 INCH, SCALE ACCORDINGLY

Designed by:	EH
Checked by:	DS
AMC Project:	21805
Date:	8/8/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
STRUCTURAL ABBREVIATIONS & SYMBOLS

Sheet Number
S001

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GENERAL
THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS AMONG THE DRAWINGS BEFORE STARTING ANY WORK OR FABRICATION. IN CASE OF DISCREPANCIES BETWEEN DRAWINGS, SPECIFICATIONS, REFERENCE STANDARDS, SITE CONDITIONS OR GOVERNING CODE, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN. CONTRACTOR SHALL NOTIFY THE ENGINEER OF DISCREPANCIES AND OBTAIN DIRECTION PRIOR TO PROCEEDING. NOTES ON INDIVIDUAL STRUCTURAL DRAWINGS SHALL TAKE PRIORITY OVER GENERAL STRUCTURAL NOTES. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS. TYPICAL DETAILS MAY NOT NECESSARILY BE INDICATED AS TYP ON THE PLANS BUT SHALL APPLY AS SHOWN OR DESCRIBED IN THE DETAILS.

ALL NEW CONSTRUCTION SHALL COMPLY WITH THE 2018 INTERNATIONAL BUILDING CODE (IBC) AS AMENDED AND ADOPTED BY THE MUNICIPALITY OF ANCHORAGE (MOA).

SAFETY - THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL FEDERAL, STATE AND LOCAL SAFETY STANDARDS. THE CONTRACTOR IS IN CHARGE OF ALL SAFETY MATTERS ON AND AROUND THE JOB SITE.

STRUCTURAL DESIGN DATA
STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE IBC AND THE 2018 INTERNATIONAL BUILDING CODE (IEBC) AS AMENDED AND ADOPTED BY THE MUNICIPALITY OF ANCHORAGE. RISK CATEGORY IS II IN ACCORDANCE WITH IBC SECTION 1604.5.

WORK BEING PERFORMED UNDER THIS PROJECT IS CLASSIFIED AS THE FOLLOWING UNDER THE IEBC:
ALTERATION - LEVEL 2

REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS, SLOPES, DEPRESSIONS, NON-BEARING WALLS, FIRE-PROOFING, FASCIA, CURBS, DRAINS, RAILINGS, WATERPROOFING, FINISHES, ETC.

THE STRUCTURE HAS BEEN DESIGNED FOR THE FOLLOWING OPERATIONAL LOADS ON THE COMPLETED STRUCTURES. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY SHORING AND BRACING DURING CONSTRUCTION.

LIVE LOADS: NEW 3rd FLOOR MECHANICAL ROOM = 40 PSF,
EXCEPT AT FOOTPRINT OF AHU, 42 PSF

SNOW LOADS: GROUND SNOW (Pg) = 50 PSF
Is=1.0, Ct=1.0, Ce=1.0
ROOF SNOW (Pf) = 40 PSF FLAT + DRIFT

WIND LOADS: BASIC WIND SPEED (3-SECOND GUST, Vult)=130 MPH,
EXPOSURE B, INTERNAL PRESSURE GCpi=±0.55 (PARTIALLY ENCLOSED)

SEISMIC LOADS: SITE CLASS D, SEISMIC DESIGN CATEGORY D,
Ss=1.5, S1=0.676, Sds=1.2, Sd1=0.766, Ie=1.0
NEW ROOFTOP MECHANICAL SPACE: R=6.5 (LIGHT FRAMED STEEL SHEET WALLS),
Ωo=3, Cd=4, ρ=1.0, Cs=0.185

LATERAL ANALYSIS IS LINEAR STATIC . LATERAL FORCES ARE CARRIED BY THE FLEXIBLE ROOF AND FLOOR DIAPHRAGMS TO THE SHEAR WALLS. MOMENTS, SHEARS, AND ROTATIONAL FORCES ARE DELIVERED TO THE FOUNDATION BY THE SHEAR WALLS IN PROPORTION TO THEIR TRIBUTARY AREA.

EXISTING CONDITIONS
CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS PRIOR TO COMMENCING WORK. DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. EXISTING CONDITIONS SHOWN ON DRAWINGS ARE BASED ON EITHER SITE OBSERVATIONS, ORIGINAL DRAWINGS, OR WERE ASSUMED BASED ON EXPECTED CONDITIONS. IF EXISTING CONDITIONS DO NOT CLOSELY MATCH CONDITIONS SHOWN ON DRAWINGS, OR IF EXISTING MATERIALS ARE OF QUESTIONABLE OR SUBSTANDARD QUALITY, NOTIFY ENGINEER PRIOR TO COMMENCING WORK.

SPECIAL INSPECTION
THE OWNER SHALL ENGAGE A SPECIAL INSPECTOR PER CHAPTER 17 OF THE IBC. SEE STATEMENT OF SPECIAL INSPECTIONS ON SHEET S003. COPIES OF INSPECTION REPORTS SHALL BE AVAILABLE TO THE CONSTRUCTION SITE FOR REVIEW BY THE MOA BUILDING SAFETY PERSONNEL.

DEFERRED SUBMITTALS
THE FOLLOWING ITEM IS NOT INCLUDED IN THESE DRAWINGS AND REQUIRE STRUCTURAL DESIGN TO BE FURNISHED BY THE CONTRACTOR:

1. EXTERIOR CLADDING

DRAWINGS AND CALCULATIONS FOR BUILDER-DESIGNED COMPONENTS, SEALED BY AN ALASKA STATE REGISTERED PROFESSIONAL ENGINEER RESPONSIBLE FOR THE DESIGN, SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW FOR GENERAL CONFORMANCE TO THE CONTRACT DOCUMENTS PRIOR TO SUBMITTING TO BUILDING SAFETY FOR REVIEW. SUBMITTALS OF BUILDER-DESIGNED ITEMS SHALL INCLUDE LOCATIONS, MAGNITUDES, AND DIRECTIONS OF ALL FORCES TRANSFERRED TO THE STRUCTURE. DEFERRED SUBMITTALS MUST BE REVIEWED AND APPROVED BY BUILDING SAFETY PRIOR TO INSTALLATION/CONSTRUCTION.

SUBMITTALS
THE CONTRACTOR SHALL REVIEW, STAMP WITH THEIR APPROVAL, DATE AND SIGN ALL SHOP DRAWINGS AND SUBMITTALS REQUIRED BY THE CONTRACT DRAWINGS PRIOR TO SUBMITTAL TO THE ENGINEER. AT THE TIME OF SUBMISSION, THE CONTRACTOR SHALL INFORM THE ENGINEER IN WRITING OF ANY DEVIATION IN THE SHOP DRAWINGS FROM THE REQUIREMENTS OF THE CONTRACT DRAWINGS. DIMENSIONS AND QUANTITIES ARE THE CONTRACTOR'S RESPONSIBILITY AND WILL NOT BE REVIEWED.

STRUCTURAL CONCRETE
ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 301, STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE, AS MODIFIED BY IBC SECTION 1905 AND LOCAL ADOPTED AMENDMENTS.

ALL CAST-IN-PLACE CONCRETE:
1. EXPOSURE F0, S0, W0, C0 (ACI 318-14, 19.3.1.1)
2. MINIMUM 28-DAY COMPRESSIVE STRENGTH = 4,500 PSI
3. MAXIMUM AGGREGATE SIZE = 3/4"
4. MAXIMUM WATER-CEMENT RATIO = 0.45
5. MAXIMUM CHLORIDE ION CONTENT = 1.00%
6. TARGET AIR CONTENT = 6% (+/-1%), EXCEPT FOR TROWELED INTERIOR SLABS WHICH SHALL NOT EXCEED 3% AIR CONTENT.

CONCRETE SHALL BE PROPORTIONED TO ACHIEVE A WORKABLE MIX THAT CAN BE PLACED WITHOUT SEGREGATION OR EXCESS FREE SURFACE WATER.

STRUCTURAL CONCRETE (CONTINUED)
APPLICABLE ASTM STANDARDS:
PORTLAND CEMENT = ASTM C150
AGGREGATE = ASTM C33, NORMAL WEIGHT
WATER = ASTM C1602
WATER REDUCING ADMIXTURE = ASTM C494, TYPE A

CONCRETE PLACED DURING COLD WEATHER SHALL CONFORM TO ACI 306. ALL COLD WEATHER CONCRETE AND CONCRETE EXPOSED TO WEATHER SHALL CONTAIN AIR ENTRAINMENT PER ACI 318-14 TABLE 19.3.3.1.

THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR REINFORCEMENT FOR CAST-IN-PLACE CONCRETE:

A. CONCRETE CAST AGAINST EARTH	3-INCHES
B. CONCRETE EXPOSED TO EARTH OR WEATHER	
-#6 AND LARGER	2-INCHES
-#5 AND SMALLER	1½-INCHES
C. CONCRETE NOT EXPOSED TO EARTH OR WEATHER	3/4-INCH

ALL CONCRETE REINFORCING SHALL BE DETAILED, FABRICATED, LABELED, SUPPORTED AND SPACED IN FORMS AND SECURED IN PLACE IN ACCORDANCE WITH THE LATEST EDITIONS OF ACI 315, ACI 318, CRSI MSP-1 AND ACI SP-66. DOWELS SHALL MATCH SIZE AND NUMBER OF MAIN REINFORCING.

TYPICAL REINFORCING BARS SHALL BE ASTM A615, GRADE 60. LAP SPLICES SHALL BE CLASS B LAPS PER ACI (63 X BAR DIAMETER). LAP SPLICES MAY ALSO ACCOMPLISHED USING MECHANICAL DEVICES THAT DEVELOP 125% OF THE STRENGTH OF THE REBAR.

STRUCTURAL MASONRY
HOLLOW LOAD BEARING CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, GRADE N, TYPE I, NORMAL WEIGHT, WITH A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 2,800 PSI. PROTECT UNITS FROM MOISTURE PRIOR TO INSTALLATION.

MORTAR SHALL MEET ASTM C270, TYPE S. PROPORTIONS SHALL COMPLY WITH TMS 602-16 TABLE SC-1. MINIMUM 28 DAY COMPRESSIVE STRENGTH = 1,800 PSI.

GROUT SHALL MEET ASTM C476. PROPORTIONS SHALL COMPLY WITH TMS 602-16 TABLE SC-7. MINIMUM COMPRESSIVE STRENGTH = 2,000 PSI. PROVIDE ADEQUATE TEMPORARY BRACING DURING CONSTRUCTION TO WITHSTAND LATERAL LOADS AND THE PRESSURES OF FLUID GROUT.

THE MINIMUM DESIGN STRENGTH OF THE MASONRY ASSEMBLAGE (MASONRY UNITS, MORTAR, AND GROUT) f'm = 2,000 PSI.

CMU SHALL BE LAID IN RUNNING BOND, AND CONSTRUCTION SHALL COMPLY WITH TMS 602-16 SECTION 3.3.

REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60. WELDABLE REINFORCING SHALL MEET A706 AND SHALL BE WELDED PER ANSI/AWS D1.4. LAP SPLICES SHALL BE PER TMS 402-16 SECTION 6.1.6.1.1 (43 X BAR DIAMETER).

TYPICAL REINFORCEMENT FOR 8" WALL (NOMINAL):
-VERTICAL: #5 @ 24" OC, AND IN CORNER AND ENDWALL CELLS.
-HORIZONTAL (BOND BEAMS): #5 @ 48" OC, (2) #5 AT ROOF/FLOOR LEVELS.
-AT ENDS OF WALLS OR OPENINGS, TERMINATE BOND BEAM REINFORCEMENT IN A STANDARD 180-DEGREE HOOK AROUND THE VERTICAL REINFORCEMENT.

VERTICAL CELLS TO BE FILLED WITH GROUT SHALL BE ALIGNED TO PROVIDE A CONTINUOUS, UNOBSTRUCTED OPENING. CELLS WHICH WILL CONTAIN VERTICAL REINFORCING SHALL HAVE A MINIMUM FOUR (4) INCH CLEAR OPENING.

POST-INSTALLED ANCHORS
INSTALLATION SHALL CONFORM TO MANUFACTURER'S INSTRUCTIONS AND REQUIREMENTS OF ICC-ES REPORT. ALL POST-INSTALLED ANCHORS SHALL HAVE A CURRENT ICC-ES REPORT AND BE AUTHORIZED FOR USE IN SEISMIC DESIGN CATEGORY D. PERIODIC SPECIAL INSPECTION IS REQUIRED FOR ALL POST-INSTALLED ANCHORS, UON. INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED SHALL BE PERFORMED BY ACI/CRSI CERTIFIED PERSONNEL ONLY AND REQUIRES CONTINUOUS SPECIAL INSPECTION.

THREADED ROD SHALL BE ASTM A307, UON (OR ISO898 CLASS 5.8), TENSILE STRENGTH OF 60 KSI MIN, AND GALVANIZED WHERE EXPOSED TO THE WEATHER.

EXISTING BASE SHALL BE SCANNED PRIOR TO DRILLING HOLES. EXISTING REBAR LOCATIONS SHALL BE MARKED, AND NEW ANCHOR LOCATIONS REVISED TO AVOID EXISTING REINFORCING. NO REINFORCING BARS SHALL BE CUT TO INSTALL ANCHORS. ALL DEFECTIVE ANCHOR HOLES SHALL BE GROUTED AND A NEW HOLE DRILLED A MINIMUM OF 3 BOLT DIAMETERS AWAY.

ADHESIVE ANCHORS FOR THREADED ROD AND REBAR SHALL BE ONE OF THE FOLLOWING (OR AN APPROVED EQUIVALENT):
CONCRETE:
-DEWALT "PURE110+" (ESR-3298)
-HILTI "HIT-HY 200 SAFE SET" (ESR-3187)
-EPCON "A7+" (ESR-3903)
-SIMPSON "SET-XP" (ESR-2508)
MASONRY (SOLID & UNGROUTED):
-SIMPSON "SET-XP" (IAPMO UES ER-265)
-HILTI "HY-270" (ESR-4143 GROUTED CMU or ESR-4144 UNGROUTED CMU)
-DEWALT "AC100+gold" (ESR-3200)

EXPANSION ANCHORS SHALL BE ONE OF THE FOLLOWING (OR AN APPROVED EQUIVALENT):
CONCRETE:
-HILTI "KWIK BOLT TZ2" (ESR-4266)
-SIMPSON "STRONG-BOLT 2" (ESR-3037)
-DEWALT "POWER-STUD+SD2" (ESR-2502)
SOLID GROUTED MASONRY:
-HILTI "KWIK BOLT 3" (ESR-1385)
-SIMPSON "WEDGE-ALL" (ESR-1396)
-DEWALT "POWER-STUD+SD1" (ESR-2966)

SCREW ANCHORS IN CONCRETE AND GROUT FILLED MASONRY SHALL BE ONE OF THE FOLLOWING (OR AN APPROVED EQUIVALENT):
-HILTI "KH-EZ" (ESR-3027 CONC, ESR-3056 CMU)
-SIMPSON "TITEN HD" (ESR-2713 CONC, ESR-1056 CMU)
-ITW "TAPCON" (ESR-2202 CONC, ESR-1671 CMU)
-DEWALT "SCREW-BOLT+" (ESR-3889 CONC, ESR-4042 CMU)

SSTRUCTURAL STEEL
MATERIALS:

WIDE-FLANGE SHAPES:	ASTM A992
PIPE:	ASTM A53, GRADE B
ALL OTHER SHAPES & PLATE:	ASTM A36
BOLTS, WASHERS & NUTS:	ASTM F3125, F436 & A563
ANCHOR RODS:	ASTM F1554, GRADE 36

ALL DETAILING, FABRICATION AND ERECTIONS SHALL CONFORM TO AISC SPECIFICATIONS AND CODES, LATEST EDITION. FABRICATOR MUST PARTICIPATE IN THE AISC QUALITY CERTIFICATION PROGRAM, BE CERTIFIED BY THE MUNICIPALITY OF ANCHORAGE, OR SPECIAL INSPECTIONS AT THE CONTRACTOR'S EXPENSE, MUST BE PROVIDED IN THE FABRICATION SHOP.

ALL WELDING SHALL BE DONE BY QUALIFIED WELDERS AND SHALL CONFORM TO THE AWS D1.1 AND D1.8, LATEST EDITIONS. ALL WELDING ELECTRODES SHALL BE PROPERLY CONDITIONED 70 KSI MINIMUM TENSILE STRENGTH, WITH DIFFUSED HYDROGEN LEVELS OF 16ml/g (H16) OR LESS IN ACCORDANCE WITH AWS A4.3.

WELDS NOT SPECIFIED SHALL BE SHOP-PERFORMED CONTINUOUS OR ALL-AROUND 3/16" FILLET WELDS.

STEEL DECK AND COLD-FORMED STEEL MAY BE WELDED WITH E60 ELECTRODES. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3, "SPECIFICATION FOR THE WELDING OF SHEET STEEL IN STRUCTURES".

THERE SHALL BE NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT THE PRIOR APPROVAL OF THE ENGINEER.

ALL CONNECTIONS SHALL BE SIMPLE, SINGLE PLATE SHEAR CONNECTIONS USING HIGH-STRENGTH BEARING TYPE BOLTS WITH THREADS INCLUDED IN THE SHEAR PLANE, A325-N, UON. NUTS SHALL BE SNUG-TIGHT, UON. ONE PLY OF THE CONNECTION SHALL USE SHORT-SLOTTED HOLES ORIENTED HORIZONTALLY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL OF ALL ERECTION PROCEDURES AND SEQUENCES. CONSIDERATION SHOULD BE GIVEN TO TEMPERATURE DIFFERENTIALS, ESPECIALLY WITH RESPECT TO STRUCTURAL STEEL FRAMING INTO CONCRETE WALLS, BEAMS, OR COLUMNS.

ALL STEEL SHALL BE CLEANED BY METHODS COMPLYING WITH THE STEEL STRUCTURES PAINTING COUNCIL METHOD SSPC-SP3, POWER TOOL CLEANING. REMOVE OIL, GREASE, AND SIMILAR CONTAMINANTS. EXCEPT FOR MEMBERS TO BE WELDED, APPLY STRUCTURAL STEEL PRIMER PAINT IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS TO A UNIFORM DRY FILM THICKNESS OF 2.0 MILS. AFTER FINAL STEEL INSTALLATION, WIRE BRUSH EXPOSED STEEL SURFACES AND CLEAN WITH SOLVENTS BEFORE TOUCH-UP PAINTING. TOUCH-UP PAINT SHALL BE THE SAME AS SHOP PAINT. STRUCTURAL STEEL TO RECEIVE SPRAY-APPLIED FIRE-PROOFING MAY BE SUPPLIED AS BARE STEEL.

STEEL EXPOSED TO WEATHER OR INDICATED AS GALVANIZED SHALL BE HOT-DIP GALVANIZED PER ASTM A123. TOUCH-UP AND REPAIR GALVANIZATION SHALL CONFORM TO ASTM A780. FASTENERS SHALL COMPLY WITH ASTM A153.

THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW. THESE DRAWINGS SHALL BE CHECKED BY THE CONTRACTOR BEFORE SUBMITTAL AND SHALL SHOW SHOP FABRICATION DETAILS, FIELD ASSEMBLY DETAILS, AND ERECTION DIAGRAMS FOR ALL STRUCTURAL STEEL. ALSO SUBMIT WELDERS' QUALIFICATIONS.

STRUCTURAL STEEL DECK
ALL STEEL DECKING SHALL MEET ASTM A 653-SS, GRADE 50, WITH A MINIMUM YIELD STRENGTH OF 50 KSI. ALL DECKING SHALL BE GALVANIZED PER ASTM A653-G60. ALL ROOF METAL DECK SHALL BE LAPPED A MINIMUM OF 2-INCHES.

MINIMUM DECK GAGES ARE SHOWN ON PLANS AND ARE BASED ON 3-SPAN, UNSHORED CONDITIONS. HEAVIER DECK MAY BE REQUIRED FOR OTHER CONDITIONS, DEPENDING ON THE MANUFACTURER'S AND CONTRACTOR'S LAYOUT. ALL DECK SHALL SATISFY AISI, "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS".

FASTEN STEEL DECKING PER SCHEDULE:

ROOF DECK, Q-design(ASD)= 154 PLF:
SUPPORTING STEEL: 36/4 PATTERN, 7/8-INCH DIAMETER VISUAL (1/2-INCH EFFECTIVE) PUDDLE WELDS AT 12-INCH ON-CENTER.
SIDE LAPS: BUTTON PUNCH AT 24" OC

"PUNCHLOK" OR "DELTA-GRIP" OR OTHER ENHANCED PUNCHING CONNECTION SYSTEM MAY BE SUBSTITUTED FOR ROOF SIDE LAPS, AND MECHANICAL 'PAF' FASTENERS MAY BE SUBSTITUTED FOR SUPPORTING STEEL CONNECTIONS. CONTRACTOR SHALL SUBMIT CALCULATIONS TO SHOW UNIT SHEAR CAPACITIES OF ALTERNATE FASTENER LAYOUT EXCEEDS THE "Q-design" INDICATED ABOVE.

PROVIDE CONTINUOUS METAL CLOSURES AT ALL SLAB OPENINGS AND SLAB EDGES AND CONTINUOUS DECK CLOSURE AT ALL DECK ENDS. PROVIDE, AS REQUIRED, ALL RIDGE AND VALLEY PLATES, COLUMN CLOSURES, CANT STRIPS, SUMP PLATES AT PIPING PENETRATIONS AND RECESSED SUMP PANS AT ALL ROOF DRAINS. PROVIDE SUPPLEMENTAL FRAMING AT OPENINGS AS REQUIRED FOR SUPPORT OF THE METAL DECK. ALL OPENING SIZES AND LOCATIONS SHALL BE COORDINATED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

THE DECK SUPPLIER SHALL CONFIRM THE DECK SIZE FOR THE ACTUAL LAYOUT AND PROVIDE THE ENGINEER WITH ENGINEERING CALCULATIONS OR PUBLISHED MANUFACTURER'S DATA VERIFYING THE SPECIFIED DECK REQUIREMENTS.

PROVIDE CHECKED SHOP DRAWINGS INDICATING LOCATION, GAGE, AND SIZE OF EACH PIECE OF DECKING. THE DRAWINGS SHALL CLEARLY SHOW WELDING DETAILS TO STRUCTURAL FRAMING AND SIDE LAP CONNECTIONS DETAILS.

MOA ePLANS STAMP

NOTIFICATION OF POTENTIAL HAZARDS
ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

COLD FORMED STEEL
COLD FORMED STEEL SHALL MEET ASTM A1003 STRUCTURAL GRADE 50 TYPE H (Fy=50 KSI) FOR 14 GAUGE (68 MIL) OR 16 GAUGE (54 MIL) MEMBERS AND ASTM A1003 STRUCTURAL GRADE 33 TYPE H (Fy= 33 KSI) FOR 18 GAUGE (43 MIL) AND LIGHTER MEMBERS.

ALL STRUCTURAL MEMBERS SHALL BE DESIGNED PER THE AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", LATEST EDITION.

USE ONLY ONE MANUFACTURER OF COLD FORMED JOIST THROUGHOUT THE WORK, UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR SPECIFICALLY APPROVED IN ADVANCE BY THE ENGINEER. ACCEPTABLE JOIST MANUFACTURERS INCLUDE ANY MEMBER OF THE STEEL STUD MANUFACTURER'S ASSOCIATION.

PROVIDED ALL ACCESSORIES INCLUDING TRACKS, CLIPS, WEB STIFFENERS, ANCHORS, FASTENING DEVICES, RESILIENT CLIPS, AND OTHER ITEMS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION. INSTALL ALL ITEMS RECOMMENDED BY THE MANUFACTURER.

FASTENING OF COMPONENTS SHALL BE WITH SELF-DRILLING SCREWS (ASTM C1513) OR WELDS OF SUFFICIENT SIZE TO INSURE THE STRENGTH OF THE CONNECTION. WIRE TYING OF COMPONENTS SHALL NOT BE PERMITTED. ALL WELDS SHALL BE TOUCHED UP WITH A ZINC-RICH PAINT.

UNLESS OTHERWISE INDICATED:
1. TRACKS SHALL BE CONNECTED WITH TWO 1/4 SCREWS OR PAF TO SUPPORTING SUBSTRATE AT EACH STUD, OR AN EQUIVALENT EQUAL SPACING;
2. OVERLAPPING STUDS OR BRACES SHALL BE CONNECTED WITH THREE #8 SCREWS;
3. STUDS SHALL BE CONNECTED TO TOP AND BOTTOM TRACKS WITH TWO 1/4 SCREWS, ONE AT EACH FLANGE;
4. BUILT-UP MEMBERS SHALL BE STITCHED TOGETHER WITH WELDS OR #8 SCREWS AT EACH CORNER AT 6-INCHES ON-CENTER.

PROVIDE COMMERCIAL GROUT FOR LEVELING THE FLOOR RUNNER OF STEEL STUD PARTITIONS AS REQUIRED.

METAL STUD SHEAR WALLS SHALL BE MADE FROM MINIMUM 18 GAUGE (43 MIL) STUDS, TRACKS, AND BLOCKING. BLOCK ALL PANEL EDGES WITH STIFFENED C-SHAPE STUDS OR A 43 MIL x 1-1/2" FLAT STRAP (INSTALLED BETWEEN THE METAL STUDS AND THE SHEATHING).

FOR ROOFTOP METAL STUD SHEARWALLS LABELLED "SW6", PROVIDE THE FOLLOWING:
0.027" STEEL SHEATHING, ONE SIDE
#8 @ 4" OC AT PANEL EDGES, 12" OC AT ALL OTHER SUPPORTS

STRUCTURAL TIMBER
MATERIALS:
DIMENSIONAL LUMBER: HEM-FIR NO. 2 OR BETTER

THERE SHALL BE NO FIELD CUTTING OF STRUCTURAL TIMBER MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT THE PRIOR REVIEW OF THE ENGINEER.

ALL NAILS SHALL BE COMMON WIRE SMOOTH SHANK NAILS, PER ASTM F1667, UNLESS NOTED OTHERWISE. OTHER NAILS PER ESR-1539 ARE ALLOWED WITH NUMBER OR SPACING ADJUSTMENTS. SUBMIT DEFERRED SUBMITTAL FOR ALTERNATE FASTENERS. NAILING SHALL CONFORM TO TABLE 2304.10.1 OF THE IBC. MINIMUM NAIL DIMENSIONS ARE AS FOLLOWS:

NAILSIZE	LENGTH	DIAMETER	HEAD DIAMETER
8d	2-1/2"	0.131"	0.281"
10d	3"	0.148"	0.312"
16d	3-1/2"	0.162"	0.344"

NAILS OR STAPLES SHALL BE DRIVEN FLUSH; HEADS SHALL NOT BE DRIVEN BEYOND TIMBER SURFACE. STANDARD ASTM A307 BOLTS SHALL BE USED IN STD HOLES. WASHERS SHALL BE USED UNDER ALL BOLT HEADS AND NUTS CONTACTING WOOD.

PRE-MANUFACTURED HARDWARE SHALL BE SIMPSON OR APPROVED EQUAL. FASTENERS FOR METAL CONNECTORS SHALL CONFORM TO MANUFACTURER'S RECOMMENDATIONS FOR THE HIGHEST CAPACITY AVAILABLE FOR EACH CONNECTOR, UNLESS OTHERWISE NOTED.

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
IF NOT 1 INCH, SCALE ACCORDINGLY

Designed by:	EH
Checked by:	DS
AMC Project:	21805
Date:	8/8/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
STRUCTURAL GENERAL NOTES

Sheet Number
S002

FILE NAME: C:\Users\ehamel\Documents\Snowden Bldg_Structural_2022_Central_eeham41.rvt
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SPECIAL INSPECTION & TESTING SCHEDULE				
ITEM	**C.I.**	**P.I.**	**REFERENCE STANDARD**	**REMARKS**
PREFABRICATED ITEMS	X	X	IBC 1704.2.5	REQUIRED FOR STRUCTURAL, LOAD-BEARING, OR LATERAL LOAD-RESISTING MEMBERS OR ASSEMBLIES UNLESS OTHERWISE APPROVED BY BUILDING OFFICIAL
CONCRETE:			ACI 318-14, 301-16, 302.1R-15, ACI 311.1R-07; ACI 311.4R-05; IBC 1705.3, TABLE 1705.3	
GROUTING AND REBAR		X		
POST-INSTALLED ANCHORS; VERIFY CERTIFICATION PRIOR TO INSTALLING HORIZONTAL OR INCLINED ADHESIVE ANCHORS	X (SEE NOTE)	X	ACI 318 17.8, 26.7.1(i); ICC-ES REPORT	PER MANUFACTURER REQUIREMENTS, INCLUDES THE DRILLING & CLEANING OUT OF THE HOLES & THE INSTALLATION OF THE ANCHORS. INSTALLATION OF ADHESIVE ANCHORS HORIZONTALLY OR UPWARDLY INCLINED SHALL BE PERFORMED BY ACI/CRSI CERTIFIED PERSONNEL ONLY AND REQUIRE CONTINUOUS INSPECTION.
MASONRY:			TMS 402-16: 3.1 "LEVEL 2" QUALITY ASSURANCE; 2018 IBC 1705.4	
GROUTING AND REBAR		X		
POST-INSTALLED ANCHORS	X	X	ICC-ES REPORT	PERIOID OR CONTINUOUS PER ICC-ES REPORT. INCLUDES THE DRILLING & CLEANING OUT OF THE HOLES & THE INSTALLATION OF THE ANCHORS
COLD-FORMED STEEL FRAMING:			AISI: S100-16; IBC: 1705.11.2, 1705.12.3	SPECIAL INSPECTION ONLY REQUIRED WHEN METAL STUDS USED AS PART OF THE LATERAL FORCE RESISTING SYSTEM
MATERIAL GRADE, MEMBER SIZE & GAGE		X		
DETAILS OF COLD-FORMED FRAMING		X		BLOCKING, CONNECTIONS, BRIDGING, BEARING, HANGERS
SCREWING OF ALL SHEAR WALLS AND ROOF DIAPHRAGMS		X		INCLUDING GAUGE OF FRAMING.
SIZES AND LOCATIONS OF ALL HOLDOWNS		X		
SIZES, LOCATIONS OF ALL STRAPS AND BRACES		X		
SIZES, SPACINGS OF SILL ANCHORS		X		

SCHEDULE NOTES:

1. ITEMS MARKED WITH AN "X" REQUIRE INSPECTION BY A SPECIAL INSPECTOR, ITEMS INDICATED WITH A "T" REQUIRE THE SPECIAL INSPECTOR TO OBSERVE QUALITY CONTROL TESTING BY THE CONTRACTOR.
2. C.I. = CONTINUOUS SPECIAL INSPECTION DURING PROGRESS OF WORK.
3. P.I. = PERIODIC SPECIAL INSPECTION DURING PROGRESS OF WORK.

MOA ePLANS STAMP

NOTIFICATION OF POTENTIAL HAZARDS

ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

STATEMENT OF SPECIAL INSPECTIONS
THE FOLLOWING STRUCTURAL SYSTEMS ARE PART OF THE DESIGNATED LATERAL FORCE RESISTING SYSTEMS IN THE BUILDING AND HENCE ARE SUBJECT TO THE REQUIREMENTS OF THIS STATEMENT OF SPECIAL INSPECTIONS AND THE STRUCTURAL SPECIAL INSPECTION AND TESTING SCHEDULE IN ACCORDANCE WITH IBC SECTION 1704.3.

- METAL DECK DIAPHRAGMS
- COLD-FORMED STEEL SHEAR WALLS

SPECIAL INSPECTIONS AND TESTING
THE OWNER SHALL ENGAGE A SPECIAL INSPECTOR PER CHAPTER 17 OF THE IBC. SPECIAL INSPECTION AND TESTING OF THE DESIGNATED SEISMIC SYSTEMS AND OTHER BUILDING STRUCTURE COMPONENTS SHALL BE AS OUTLINED IN THE SPECIAL INSPECTIONS AND TESTING SCHEDULE. WHERE REQUIREMENTS OVERLAP, THE MORE STRINGENT IS TO BE USED.

SPECIAL INSPECTION IS NOT REQUIRED FOR COMPONENTS FABRICATED IN A SHOP APPROVED BY THE MUNICIPALITY OF ANCHORAGE TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. SPECIAL INSPECTION ON STEEL ELEMENTS THAT ARE PART OF THE LATERAL FORCE RESISTING SYSTEM MARKED WITH AN "O" SHALL BE OBSERVED ON A RANDOM DAILY BASIS PER AISC 341-16 J5.

DISTRIBUTION OF REPORTS
COPIES OF THE SPECIAL INSPECTION AND TEST REPORTS SHALL BE DISTRIBUTED TO THE MUNICIPALITY OF ANCHORAGE BUILDING SAFETY DIVISION, THE GENERAL CONTRACTOR, THE ENGINEER OF RECORD, AND THE ARCHITECT OF RECORD. REPORTS SHALL BE COMPLETED DAILY AND DISTRIBUTED ON A WEEKLY BASIS AND SHALL BE DISTRIBUTED BY THE MONDAY FOLLOWING THE WEEK IN WHICH THE INSPECTION OR TEST WAS COMPLETED. A COPY OF ALL SPECIAL INSPECTION REPORTS, DEFICIENCIES, AND CORRECTIVE ACTIONS SHALL BE MAINTAINED AT THE JOB SITE.

STRUCTURAL OBSERVATIONS
STRUCTURAL OBSERVATIONS ARE NOT REQUIRED FOR THIS PROJECT.

CONTRACTOR STATEMENT OF RESPONSIBILITY
CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE OWNER AND THE MOA, IN ACCORDANCE WITH IBC 1704.4. THE STATEMENT SHALL ACKNOWLEDGE AWARENESS OF THE SPECIAL REQUIREMENTS OF THE QUALITY ASSURANCE PLAN; ACKNOWLEDGE THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS; IDENTIFY PROCEDURES FOR EXERCISING CONTROL; THE METHOD AND FREQUENCY OF REPORTING, AND THE DISTRIBUTION OF REPORTS; AND IDENTIFY PERSONS THAT WILL EXERCISE CONTROL AND THEIR QUALIFICATIONS.

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Ellen Hamel
ELLEN E. HAMEL
No. T13259
REGISTERED PROFESSIONAL ENGINEER
8/8/22 21805

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
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Designed by:	EH
Checked by:	DS
AMC Project:	21805
Date:	8/8/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
SPECIAL INSPECTION

Sheet Number
S003

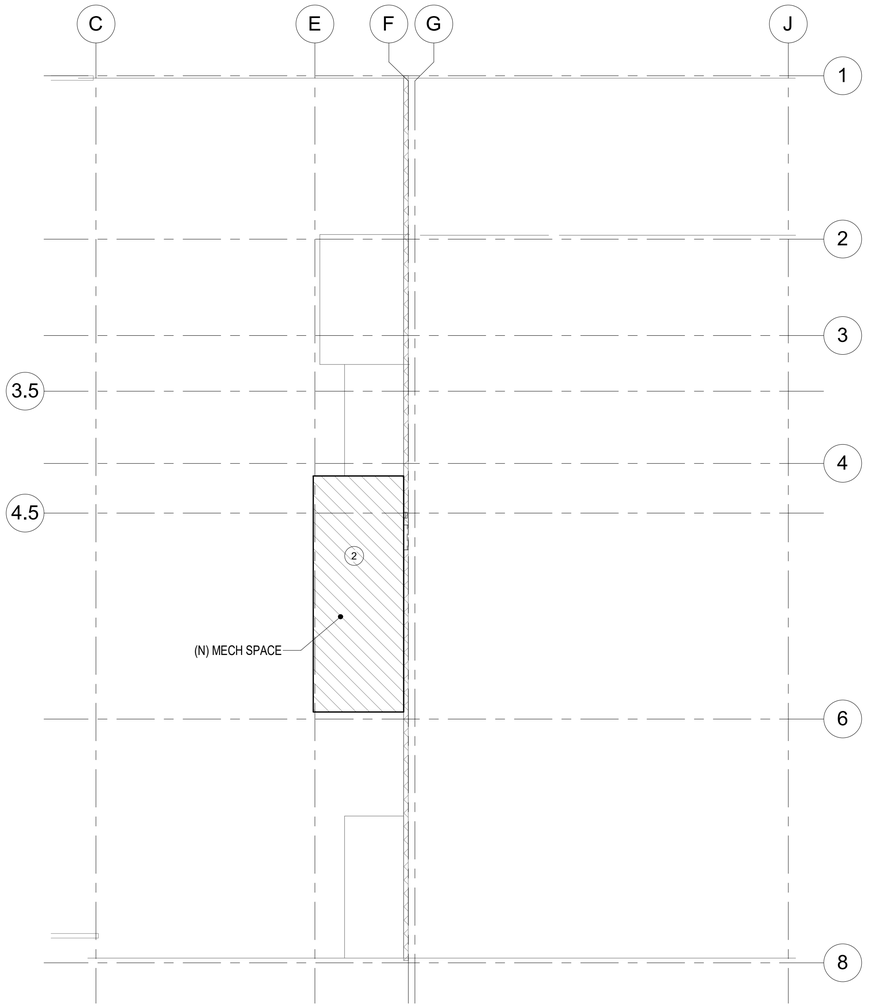
FILE NAME: C:\Users\ehamel\Documents\Snowden Bldg_Structural_2022_Central_eeham41.rvt
PLOTTED: 8/9/2022 9:19:20 AM

COMPONENTS & CLADDING WIND LOADS				
ZONE	10 SF	20 SF	50 SF	100 SF
2 - END ZONE	-77 PSF	-73 PSF	-67 PSF	-63 PSF
5 - END ZONE WALL	-49 PSF	-47 PSF	-43 PSF	-41 PSF

NOTE:
1. THE WIND LOADS LISTED ABOVE ARE GROSS ULTIMATE AND ARE TO BE USED WITH LOAD COMBINATIONS IN ASCE 7-16.

(2) END ZONE ROOF

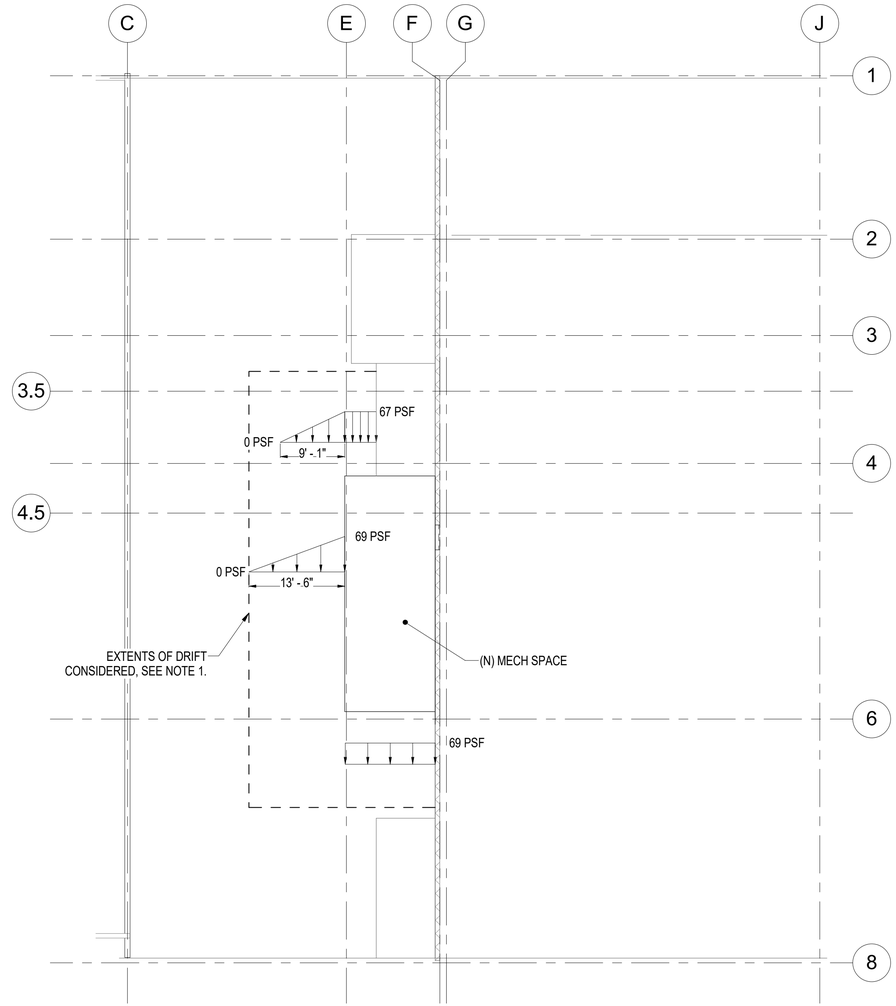
LEGEND



1 S004 WIND UPLIFT PLAN
3/32" = 1'-0"

NORTH

NOTE:
1. SNOW DRIFT LOADS ONLY CONSIDERED WITHIN REGION SHOWN. SNOW DRIFT DUE TO EXISTING STRUCTURES IS NOT ADDRESSED UNLESS OVERLAP EXISTS BETWEEN EXISTING STRUCTURE DRIFT AND DRIFT DUE TO NEW MECHANICAL SPACE.



2 S004 SNOW DRIFT PLAN
3/32" = 1'-0"

NORTH

KEY PLAN

MOA ePLANS STAMP

NOTIFICATION OF POTENTIAL HAZARDS

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

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Designed by:	EH
Checked by:	DS
AMC Project:	21805
Date:	8/8/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
LOAD MAPS

Sheet Number
S004

FILE NAME: C:\Users\ehamel\Documents\Snowden Bldg_Structural_2022_Central_eeham41.rvt
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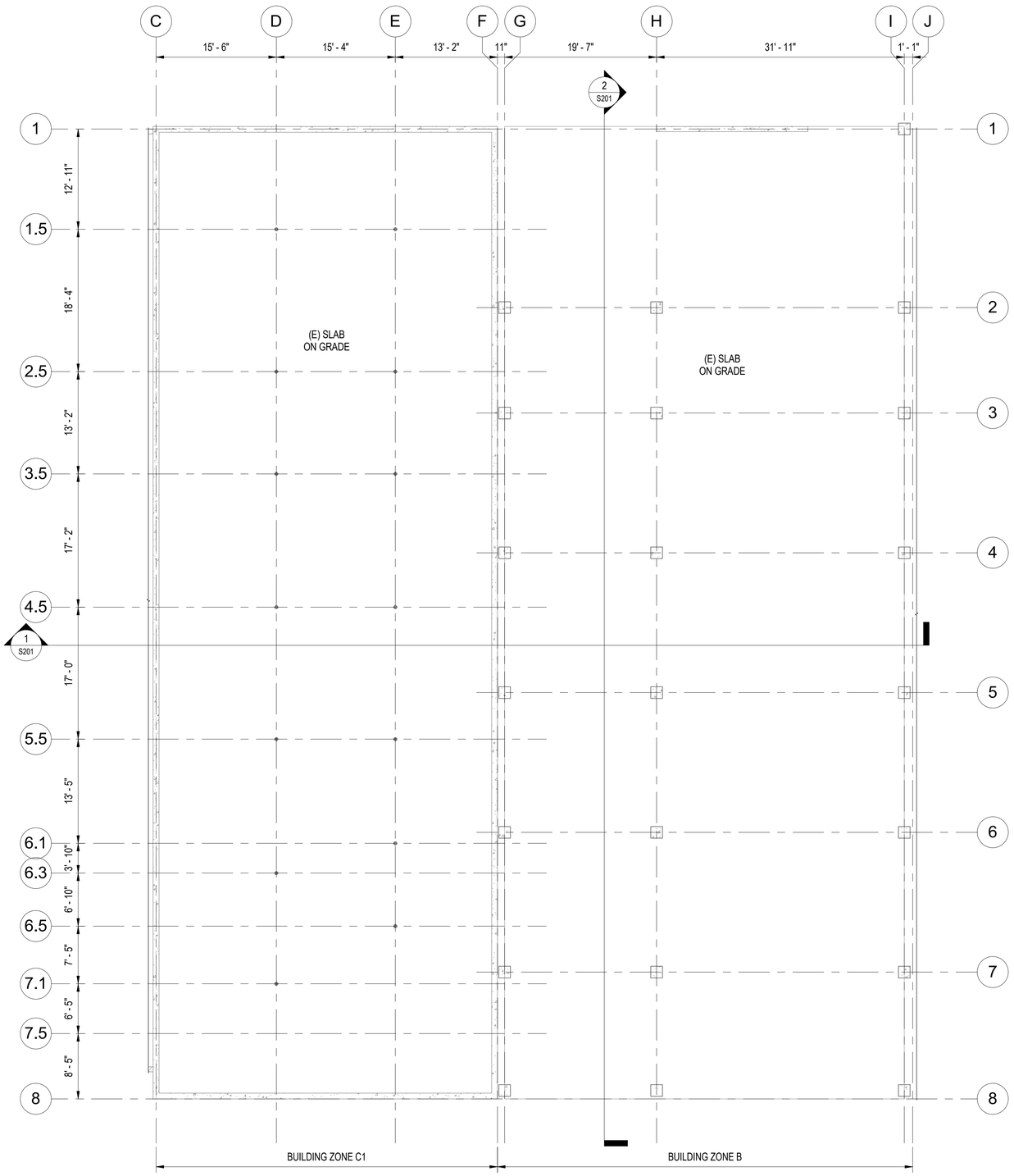

1 FIRST FLOOR PLAN

1/8" = 1'-0"

NORTH

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KEY PLAN

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ALASKA COURT SYSTEM
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MECHANICAL UPGRADES

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Designed by:	EH
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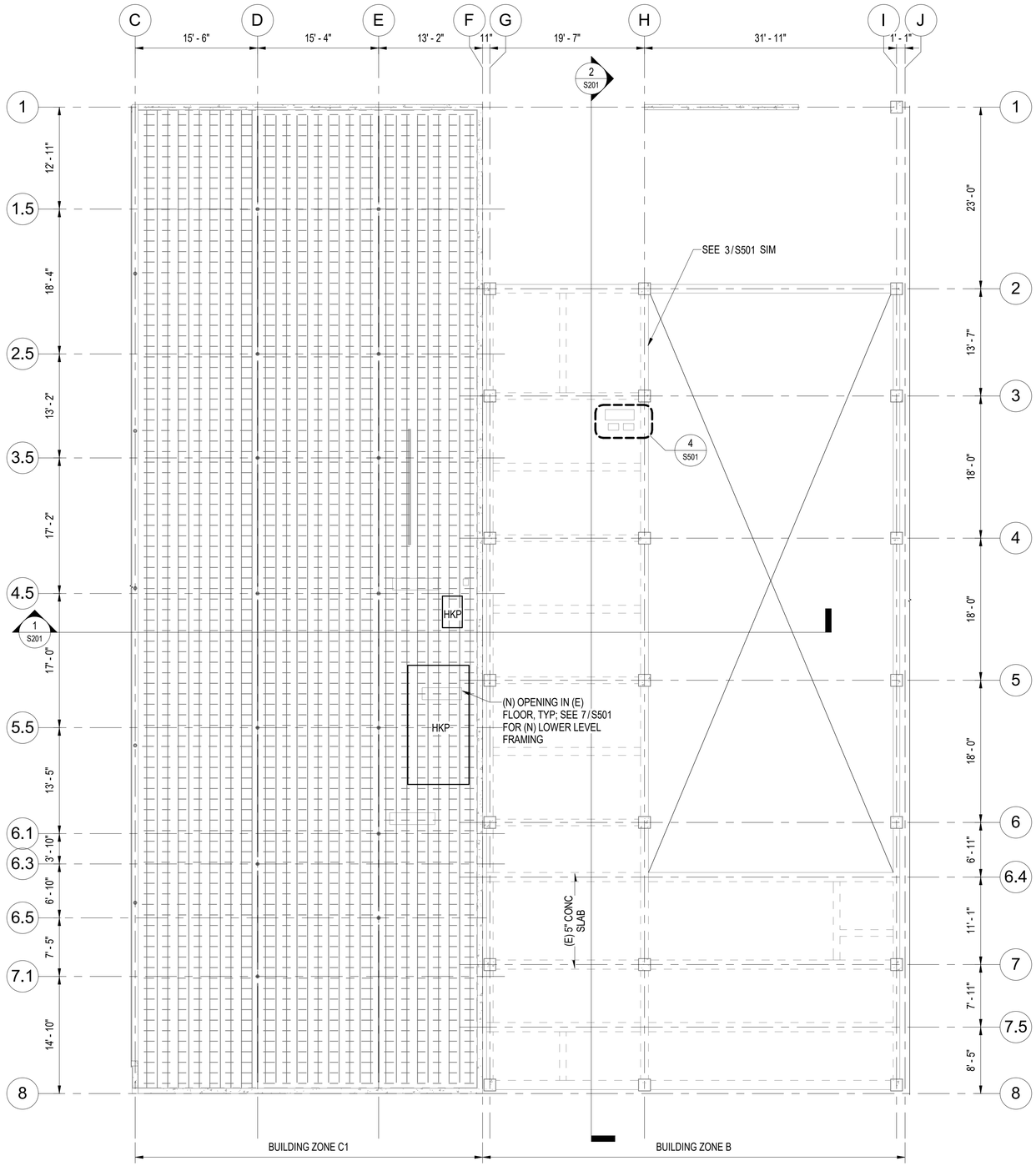
AMC Project:	21805
Date:	8/8/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
FIRST FLOOR PLAN - STRUCTURAL

Sheet Number
S101



1 SECOND FLOOR PLAN
1/8" = 1'-0"

MOA ePLANS STAMP

NOTIFICATION OF POTENTIAL HAZARDS

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NOTES:
1. FOR HOUSE KEEPING PAD DETAIL, SEE 2/S505.
2. FOR SEISMIC ANCHORAGE OF MECHANICAL EQUIPMENT, SEE SHEET S505.

KEY PLAN

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

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Designed by:	EH
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AMC Project:	21805
Date:	8/8/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
SECOND FLOOR PLAN - STRUCTURAL

Sheet Number
S102

FILE NAME: C:\Users\ehamel\Documents\Snowden Bldg_Structural_2022_Central_eeham41.rvt
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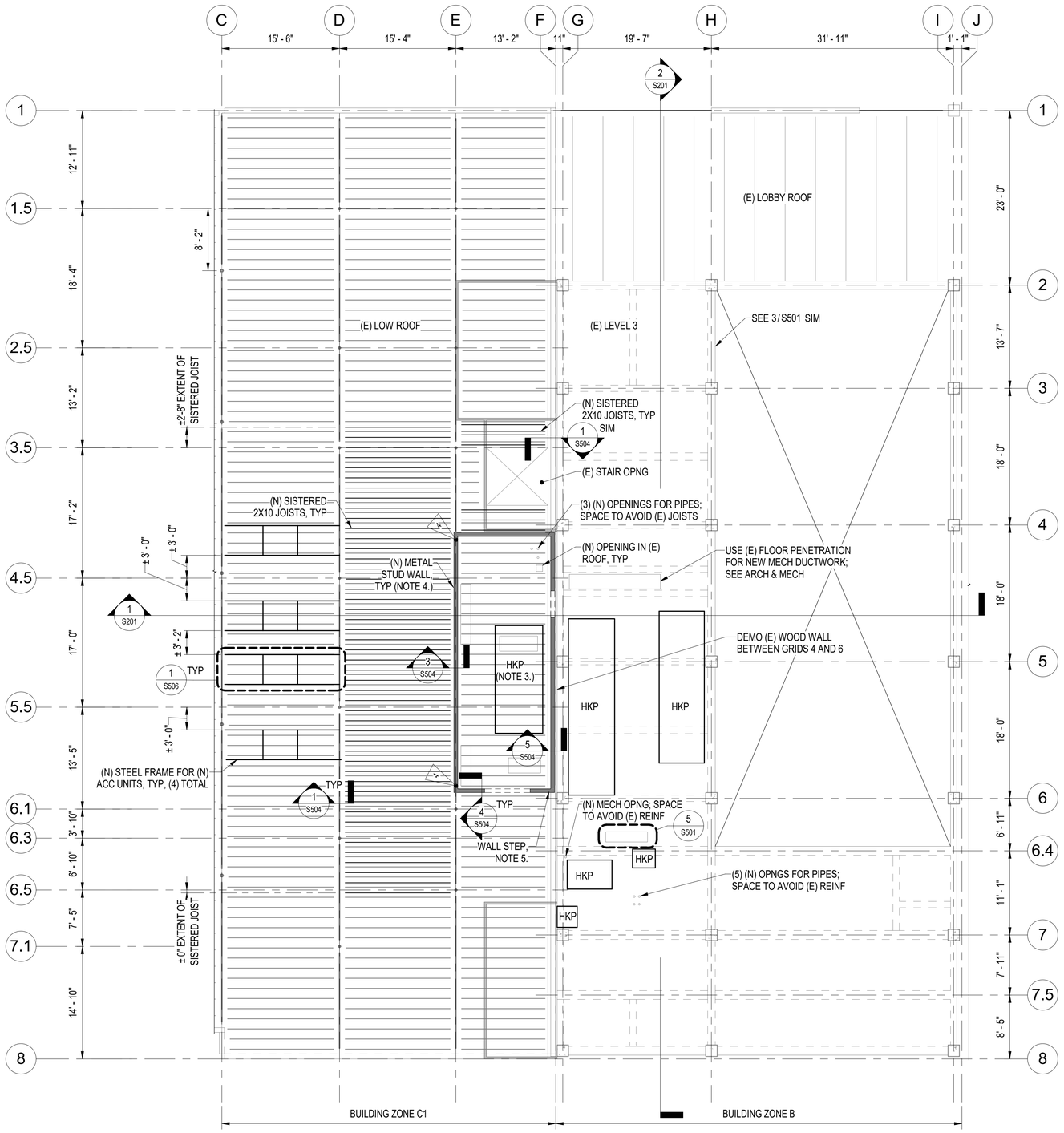

1 THIRD FLOOR PLAN
1/8" = 1'-0"

NORTH

MOA ePLANS STAMP

NOTIFICATION OF POTENTIAL HAZARDS

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NOTES:
1. FOR HOUSE KEEPING PAD DETAIL, SEE 1/S505 AND 2/S505.
2. FOR SEISMIC ANCHORAGE OF MECHANICAL EQUIPMENT, SEE SHEET S505.
3. PRIOR TO INSTALLATION OF HKP, REMOVE AND REINSTALL WOOD JOISTS IN THIS AREA FOR INSERTION OF AHU ON LEVEL 2, BELOW.
4. (N) METAL STUD SHEAR WALL, SW6, (4) SIDES. 600S162-43 @ 16" OC, BRIDGING AT 48" OC. TOP AND BOTTOM TRACK, 600T125-43.
5. AT STEP IN (N) STUD WALL, ATTACH (N) STUD TO (E) WALL WITH 1/2" SCREWS @ 1'-0" OC.

HOLDOWN SCHEDULE

MARK	SIMPSON HOLDOWN	CHORD SIZE	ANCHOR BOLT
4	S/HDU4	2-43	5/8" Ø

KEY PLAN

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

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AMC Project:	21805
Date:	8/8/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
THIRD FLOOR PLAN - STRUCTURAL

Sheet Number
S103

FILE NAME: C:\Users\ehamel\Documents\Snowden Bldg_Structural_2022_Central_eeham41.rvt
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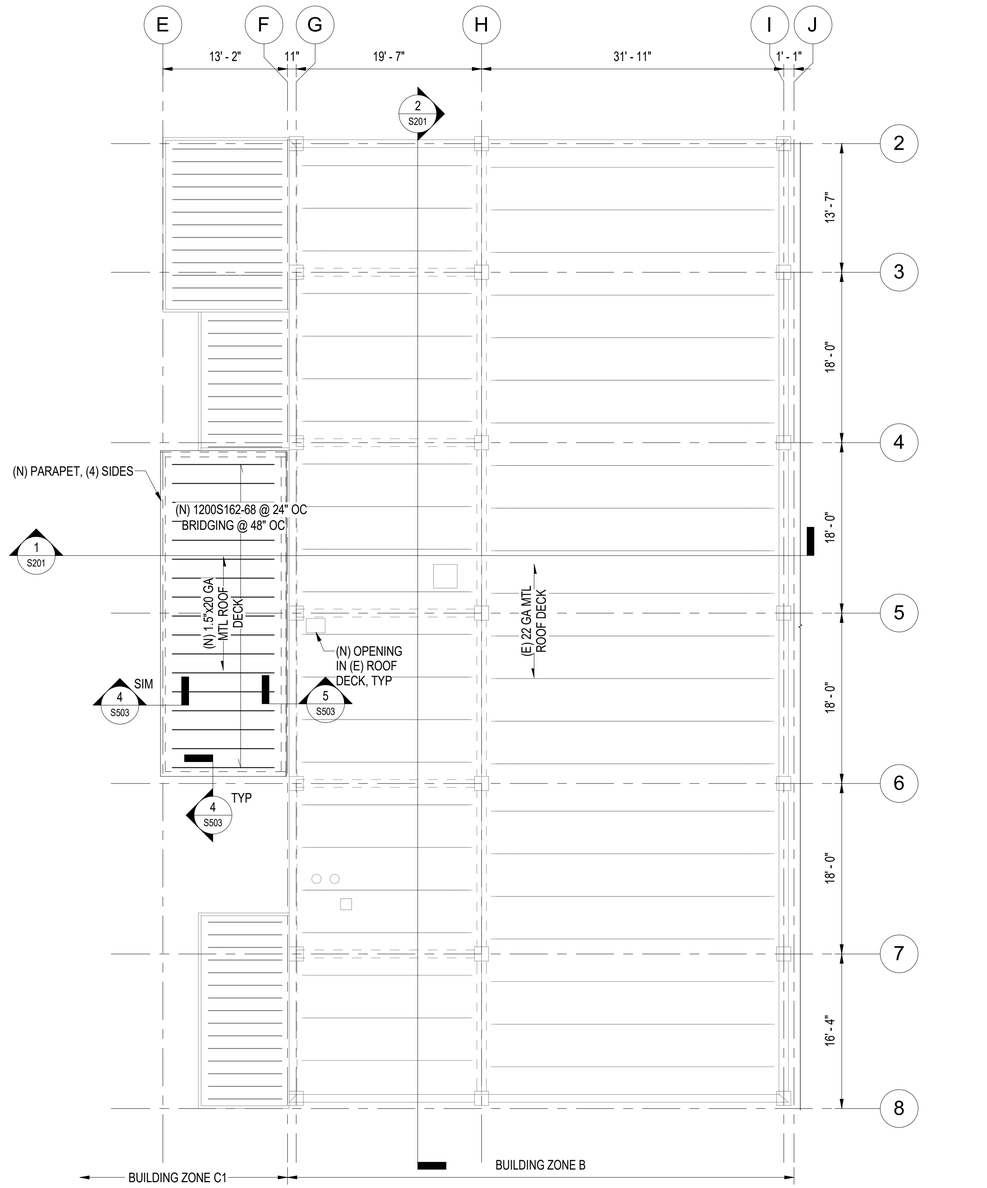

1 ROOF PLAN
1/8" = 1'-0"

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MOA ePLANS STAMP

NOTIFICATION OF POTENTIAL HAZARDS

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ALASKA COURT SYSTEM
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MECHANICAL UPGRADES

Revisions

No.	Date	Description

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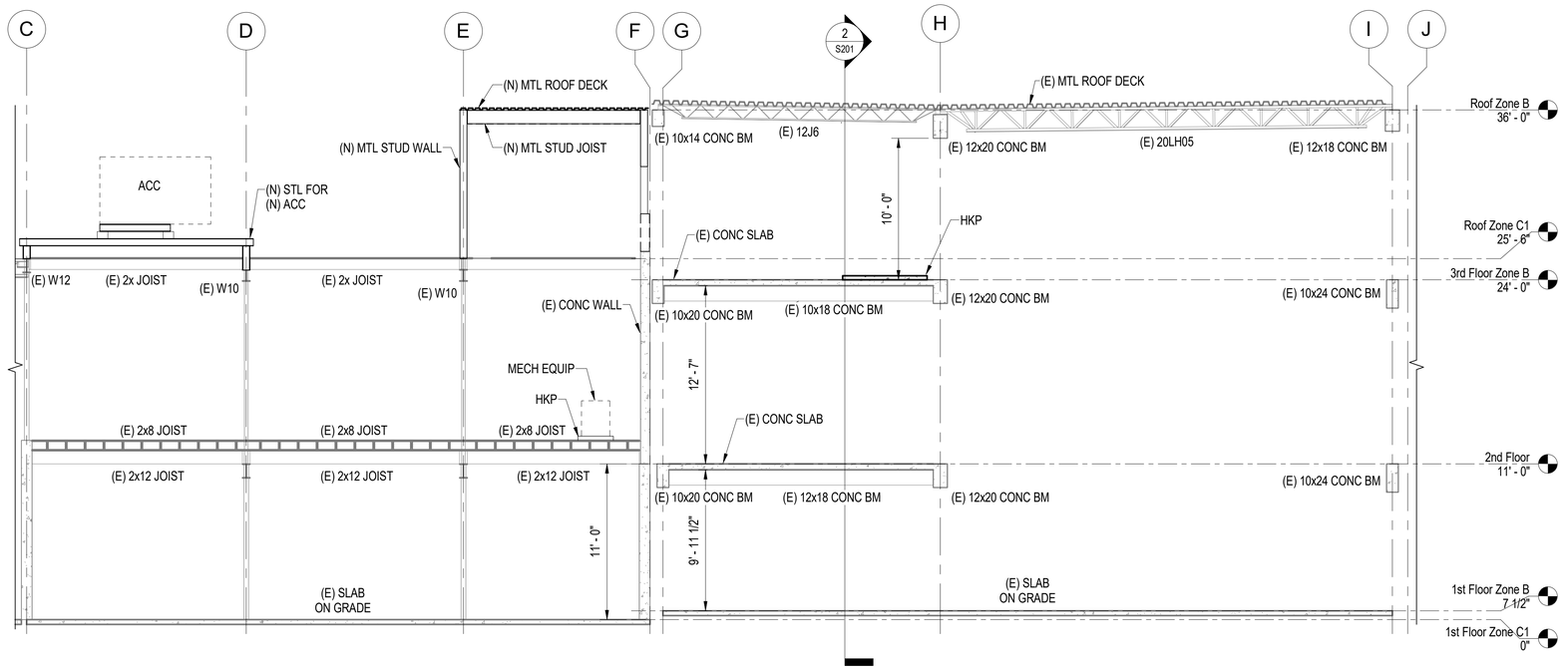
AMC Project:	21805
Date:	8/8/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
ROOF PLAN - STRUCTURAL

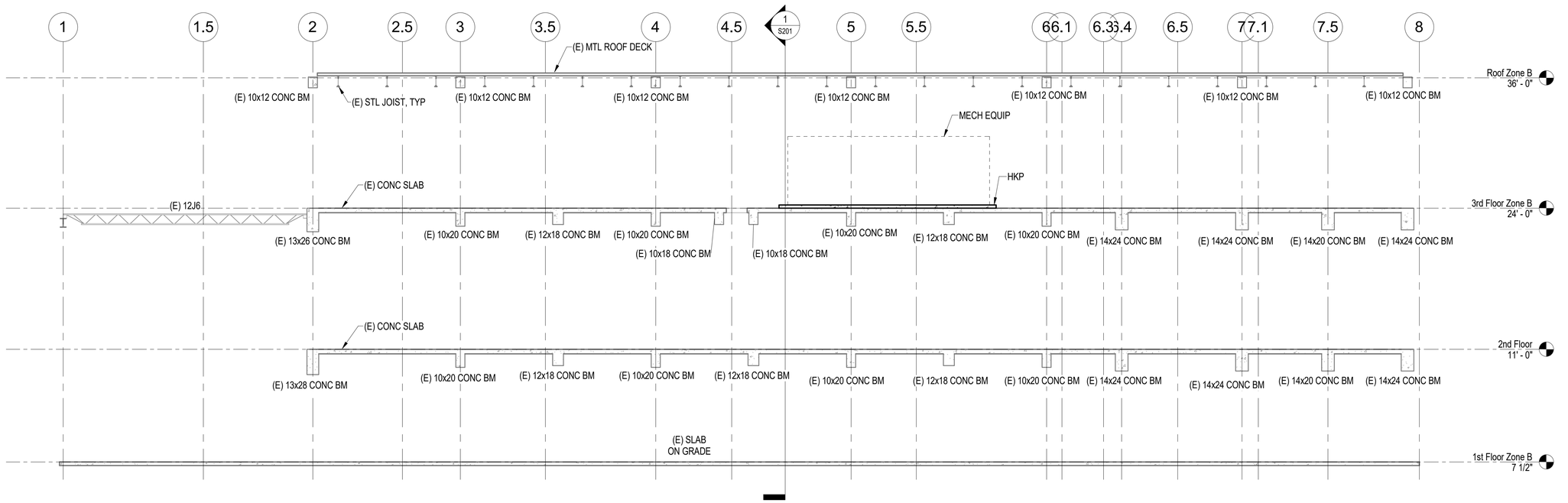
Sheet Number
S104

KEY PLAN ROOF



1 S201 EAST-WEST BUILDING SECTION

3/16" = 1'-0"



2 S201 NORTH-SOUTH BUILDING SECTION

3/16" = 1'-0"

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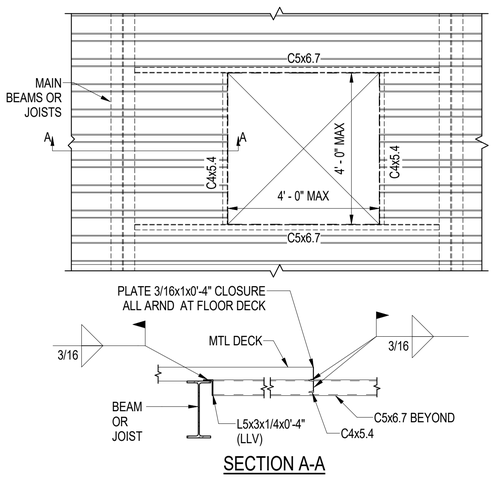
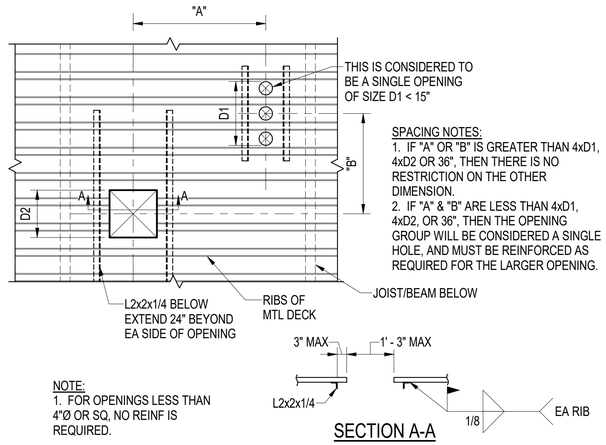
Project Phase
PERMIT DRAWINGS

Sheet Title
SECTIONS

Sheet Number
S201



SECTION A-A



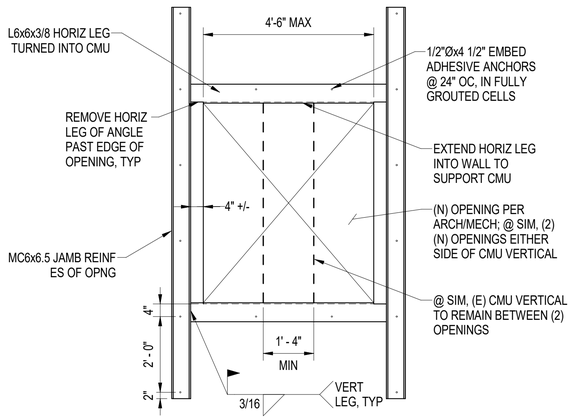
SPACING NOTES:
1. IF "A" OR "B" IS GREATER THAN 4xD1, 4xD2 OR 36", THEN THERE IS NO RESTRICTION ON THE OTHER DIMENSION.
2. IF "A" & "B" ARE LESS THAN 4xD1, 4xD2, OR 36", THEN THE OPENING GROUP WILL BE CONSIDERED A SINGLE HOLE, AND MUST BE REINFORCED AS REQUIRED FOR THE LARGER OPENING.

NOTE:
1. FOR OPENINGS LESS THAN 4"Ø OR SQ, NO REINF IS REQUIRED.

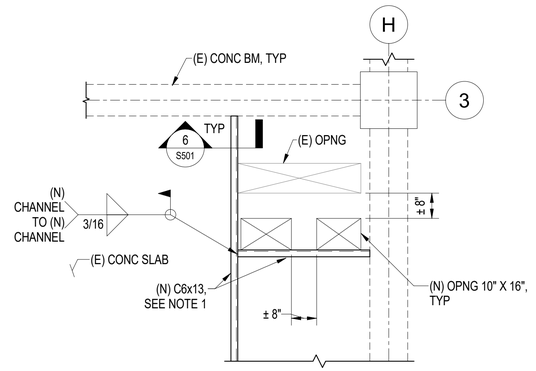
SECTION A-A

1 S501 TYP LARGE OPENINGS IN (E) ROOF DECK
1/2" = 1'-0"

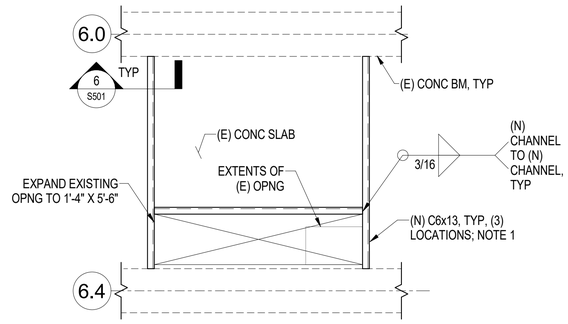
2 S501 TYP SMALL OPENINGS IN (E) ROOF DECK
1/2" = 1'-0"



NOTES:
1. FULLY GROUT ALL MASONRY CELLS THAT ARE TO RECEIVE POST-INSTALLED ANCHORS.
2. ADJUST ANCHOR LOCATIONTO AVOID EXISTING WALL REINFORCEMENT.
3. CONTRACTOR TO CONFIRM OPENING DIMENSIONS BEFORE INSTALLING REINFORCEMENT.
4. SMALL OPENINGS (< 10" Ø) DO NOT REQUIRE REINFORCING IF:
   A. (E) REINFORCEMENT IS AVOIDED. SCAN TO AVOID (E) REINFORCING.
   B. (N) OPENINGS ARE SPACED 2'-0" APART FROM (N) AND (E) OPENINGS, BEAMS, AND COLUMNS.



NOTES:
1. ATTACH (N) CHANNEL TO (E) SLAB w/ 1/4" Ø X 1 7/8" EMBED CONCRETE SCREWS @ 18" OC, FULL-LENGTH OF (N) CHANNEL. SCAN (E) SLAB TO AVOID (E) REBAR.
2. 6 / S501 TYP AT (N) CHANNEL TO (E) CONCRETE BEAM, (3) LOCATIONS.
3. ALL STEEL THIS DETAIL TO BE PAINTED w/ INTUMESCENT PAINT. SEE ARCH.



NOTE:
1. ATTACH (N) CHANNEL TO (E) SLAB w/ 1/4" Ø X 1 7/8" EMBED CONCRETE SCREWS @ 18" OC, FULL-LENGTH OF (N) CHANNEL. SCAN (E) SLAB TO AVOID (E) REBAR.
2. 6 / S501 TYP AT (N) CHANNEL TO (E) CONCRETE BEAM, (4) LOCATIONS.
3. ALL STEEL THIS DETAIL TO BE PAINTED w/ INTUMESCENT PAINT. SEE ARCH.

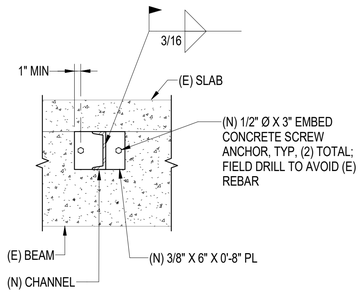
3 S501 TYP OPENING IN (E) CMU WALL
1/2" = 1'-0"

4 S501 PLAN DETAIL AT (N) OPENINGS ADJACENT TO (E) OPENINGS
1/2" = 1'-0"

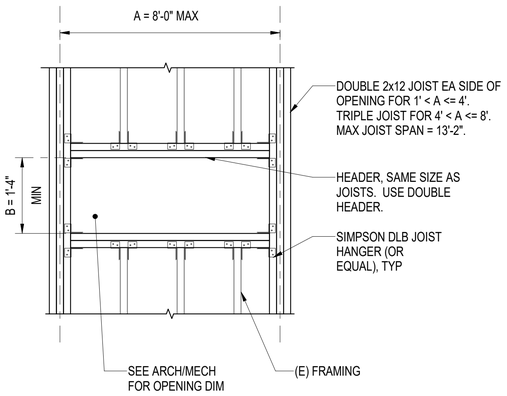
NORTH

5 S501 PLAN DETAIL AT EXPANDED OPENING
1/2" = 1'-0"

NORTH



6 S501 CHANNEL TO CONC CONNECTION
1" = 1'-0"



7 S501 TYP FLOOR PENETRATION AT (E) WOOD FRAMING
3/4" = 1'-0"

MOA ePLANS STAMP

NOTIFICATION OF POTENTIAL HAZARDS

ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

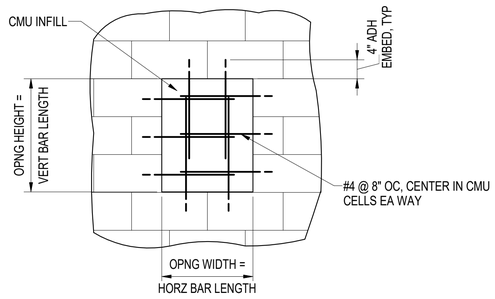
1 INCH AT FULL SIZE
IF NOT 1 INCH, SCALE ACCORDINGLY

Designed by:	EH
Checked by:	DS
AMC Project:	21805
Date:	8/8/2022

Project Phase
PERMIT DRAWINGS

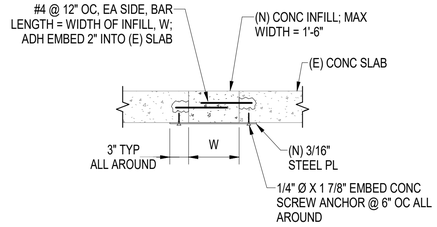
Sheet Title
OPENING DETAILS

Sheet Number
S501



NOTES:
1. MAY USE 3,000 PSI CONCRETE FOR INFILL (IN LIEU OF CMU) IN CONCEALED AREAS.
2. AT PARTIAL GROUTED EXISTING WALL, VERTICAL REINFORCING DOWELS SHALL MATCH THE EXISTING VERT CELL SPACING, NO MORE THAN 24" OC. IF SPACING EXCEEDS 24", GROUT COURSE ABOVE OPENING AS REQUIRED.
3. AT PARTIAL GROUTED EXISTING WALL, HORIZONTAL REINFORCING INTO UNGROUTED CELLS SHALL USE SCREENS RATED FOR INSERTION INTO UNGROUTED BLOCKS.
4. MAXIMUM OPENING SIZE FOR THIS DETAIL IS 3'-8" WIDTH x 3'-4" HEIGHT.

1 / S502 TYP CMU INFILL
3/4" = 1'-0"



2 / S502 TYP DETAIL AT CONCRETE FLOOR INFILL
1" = 1'-0"

MOA ePLANS STAMP

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SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

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Project Phase
PERMIT DRAWINGS

Sheet Title
INFILL DETAILS

Sheet Number
S502

FILE NAME: C:\Users\ehamel\Documents\Snowden Bldg_Structural_2022_Central_eeham41.rvt
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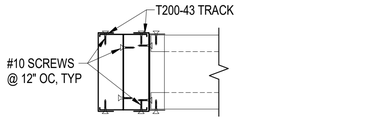
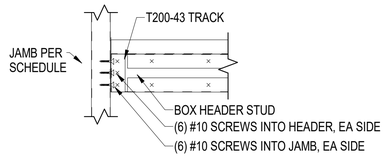
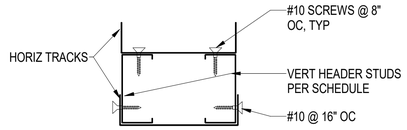


PLAN VIEW - DOUBLE JAMB



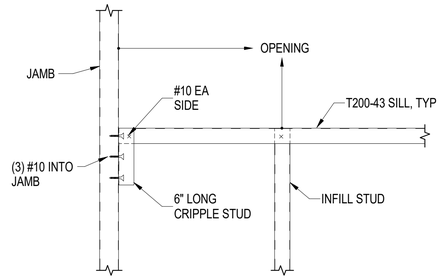
OPENING WIDTH	JAMB CONFIGURATION
UP TO 6 FT IN 6" WALL	DOUBLE 600S162-43

1 S503 TYP HEADER TO JAMB CONNECTION
1 1/2" = 1'-0"

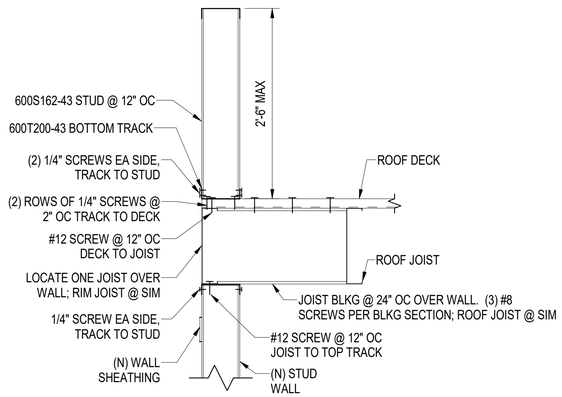


OPENING WIDTH	VERT HEADER STUDS	HORIZ TRACKS
UP TO 6 FT IN 6" WALL	600S162-43	600T125-43

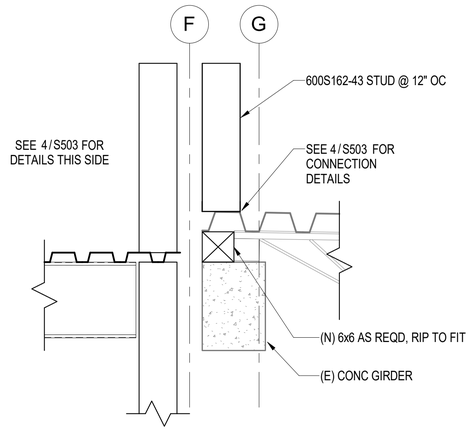
2 S503 TYP HEADER
3" = 1'-0"



3 S503 TYP SILL TO JAMB CONN
1 1/2" = 1'-0"



4 S503 SECTION AT ROOF JOIST TO STUD WALL
1" = 1'-0"



5 S503 SECTION AT ROOF GRID F/G
1" = 1'-0"

MOA ePLANS STAMP

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ELLEN E. HAMEL
No. T13259
REGISTERED PROFESSIONAL ENGINEER
8/8/22 21805

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ALASKA COURT SYSTEM
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MECHANICAL UPGRADES

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Sheet Title
TYPICAL METAL
STUD DETAILS

Sheet Number
S503

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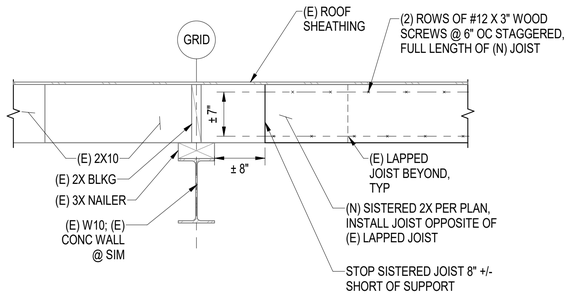
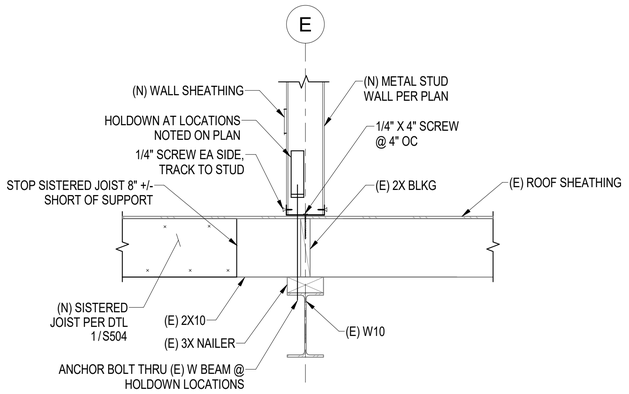
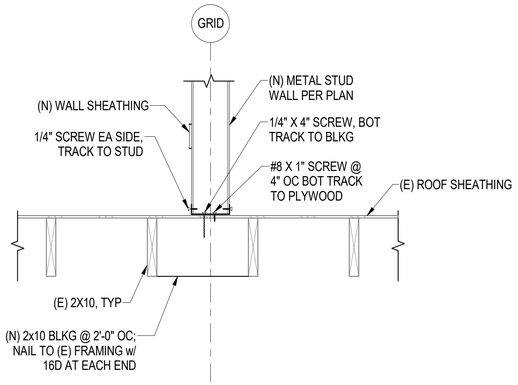


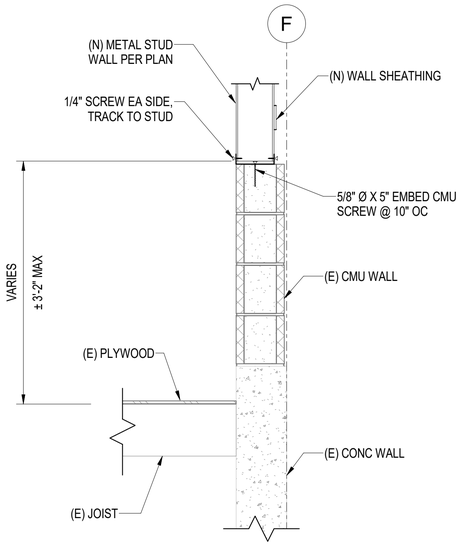
1 S504 SECTION AT (N) SISTERED JOIST
1" = 1'-0"



3 S504 SECTION AT (N) WALL PERP TO (E) JOIST
1" = 1'-0"



4 S504 SECTION AT (N) WALL PARALLEL TO (E) JOIST
1" = 1'-0"



5 S504 SECTION AT (N) WALL TO (E) CMU WALL
1" = 1'-0"

MOA ePLANS STAMP

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Sheet Title
FRAMING SECTIONS

Sheet Number
S504

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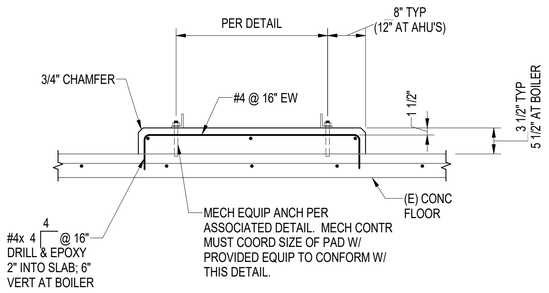
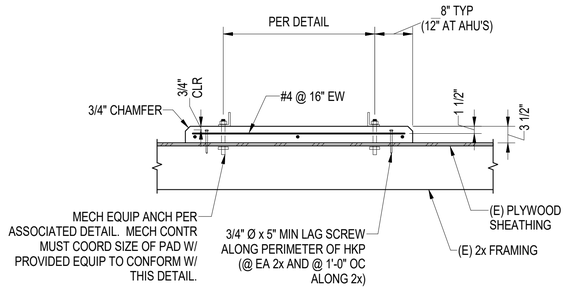


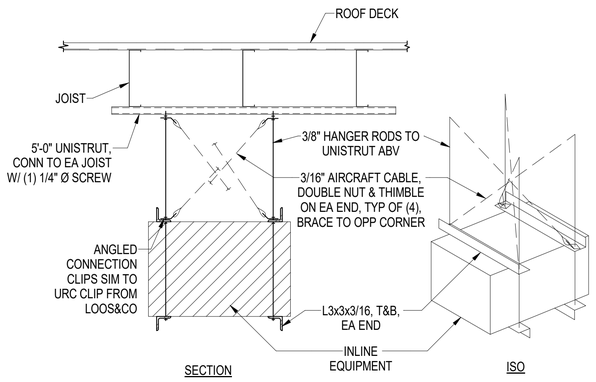
1 S505 TYP HOUSEKEEPING PAD

3/4" = 1'-0"



2 S505 HOUSEKEEPING PAD ON (E) WOOD FRAMING

3/4" = 1'-0"

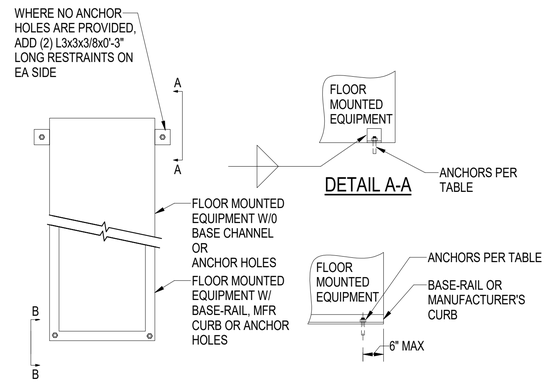


UNIT ID	MAX WEIGHT (LBS)
EF-1	140
RF-2	200

NOTE:
1. ANCHORAGE OF EQUIPMENT IS BASED ON THE MECHANICAL UNIT SELECTIONS SHOWN ON M002. IF UNITS OTHER THAN THOSE LISTED ARE SUBSTITUTED, CONTRACTOR SHALL PROVIDE DEFERRED SUBMITTAL FOR ANCHORAGE OF EQUIPMENT.
2. SEE 6/S505 FOR SMALL CABINET FAN.

5 S505 SUSPENDED INLINE EQUIPMENT

3/4" = 1'-0"

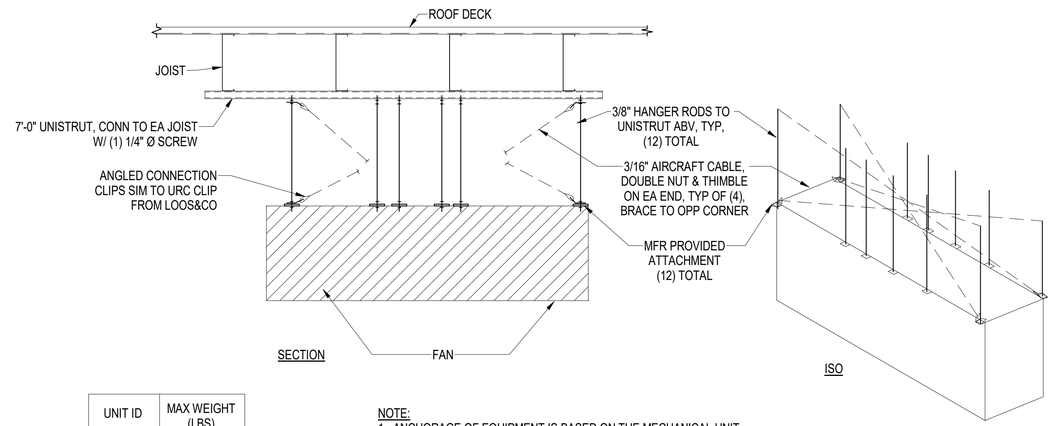


UNIT ID	MAX WEIGHT (LBS)	NUMBER & SIZE OF ANCHORS	TYPE OF ANCHORS	HKP DETAIL
AHU-1	3,500	(8) 3/8"Ø	THRU BOLT	2/S505
AHU-2	4,000	(8) 3/8"Ø	THRU BOLT	2/S505
AHU-3	5,500	(8) 1/2"Ø X 3" EMB	ADH ANCHOR	1/S505
AHU-4	4,500	(8) 1/2"Ø X 3" EMB	ADH ANCHOR	1/S505
BLR-1	1,900	(4) 1/2"Ø X 3" EMB	ADH ANCHOR	1/S505

NOTE:
1. ANCHORAGE OF EQUIPMENT IS BASED ON THE MECHANICAL UNIT SELECTIONS SHOWN ON M002. IF UNITS OTHER THAN THOSE LISTED ARE SUBSTITUTED, CONTRACTOR SHALL PROVIDE DEFERRED SUBMITTAL FOR ANCHORAGE OF EQUIPMENT.

3 S505 FLOOR MOUNTED MECH EQUIPMENT

3/4" = 1'-0"

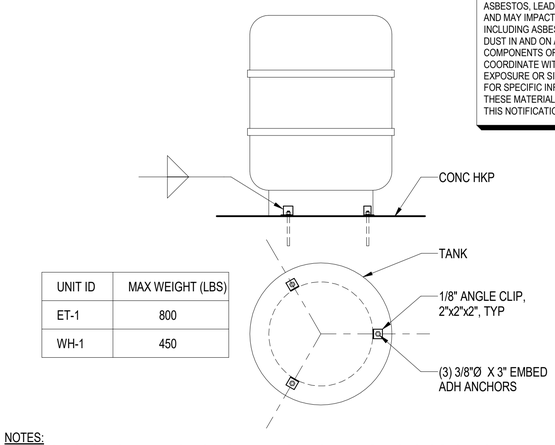


UNIT ID	MAX WEIGHT (LBS)
SCF-1	500

NOTE:
1. ANCHORAGE OF EQUIPMENT IS BASED ON THE MECHANICAL UNIT SELECTIONS SHOWN ON M002. IF UNITS OTHER THAN THOSE LISTED ARE SUBSTITUTED, CONTRACTOR SHALL PROVIDE DEFERRED SUBMITTAL FOR ANCHORAGE OF EQUIPMENT.

6 S505 SMALL CABINET FAN

3/4" = 1'-0"

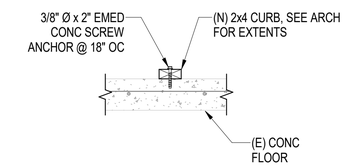


UNIT ID	MAX WEIGHT (LBS)
ET-1	800
WH-1	450

NOTES:
1. ANCHORAGE OF EQUIPMENT IS BASED ON THE MECHANICAL UNIT SELECTIONS SHOWN ON M002. IF UNITS OTHER THAN THOSE LISTED ARE SUBSTITUTED, CONTRACTOR SHALL PROVIDE DEFERRED SUBMITTAL FOR ANCHORAGE OF EQUIPMENT.
2. SEE 1/S505 FOR HOUSEKEEPING PAD DETAIL.

4 S505 TANK - BASE MOUNT

3/4" = 1'-0"



7 S505 TYP MECH EQUIPMENT CURB

1" = 1'-0"

MOA ePLANS STAMP

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ALASKA COURT SYSTEM
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MECHANICAL UPGRADES

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Project Phase
PERMIT DRAWINGS

Sheet Title
MECHANICAL ANCHORAGE DETAILS

Sheet Number
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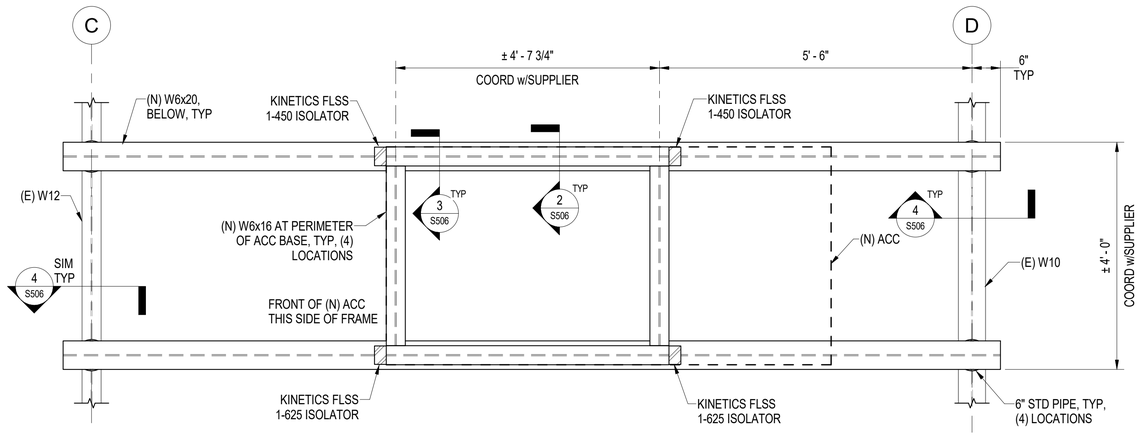
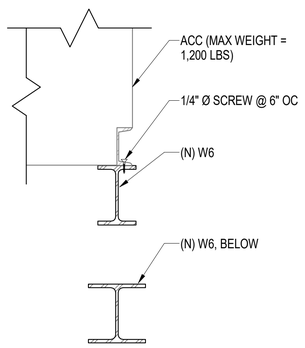
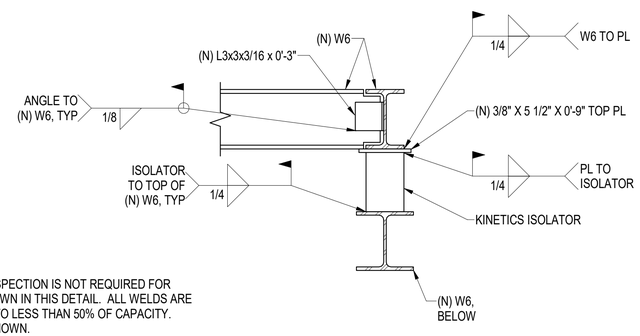


NOTES:
1. ISOLATOR TOP PLATES NOT SHOWN ON PLAN.
2. (E) EAST/WEST ROOF FRAMING NOT SHOWN.
3. (E) ROOF SHEATHING NOT SHOWN.
4. ACC BASIS OF DESIGN IS AAON MODEL # CFA-013-B-A-8-DAOOK. IF ACTUAL UNIT VARIES FROM THIS, ENGINEER SHALL BE NOTIFIED.

1 S506 PLAN AT NEW ACC SUPPORTS
3/4" = 1'-0"

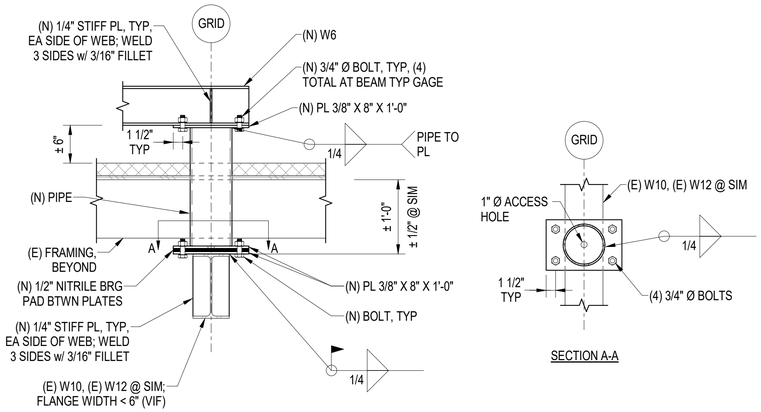


2 S506 SECTION AT NEW ACC
1 1/2" = 1'-0"



NOTES:
1. SPECIAL INSPECTION IS NOT REQUIRED FOR WELDS SHOWN IN THIS DETAIL. ALL WELDS ARE DESIGNED TO LESS THAN 50% OF CAPACITY.
2. ACC NOT SHOWN.

3 S506 SECTION AT FRAME/ISOLATOR CONNECTION
1 1/2" = 1'-0"



4 S506 SECTION AT PIPE
1" = 1'-0"

MOA ePLANS STAMP

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Sheet Title
ACC SUPPORT
DETAILS

Sheet Number
S506

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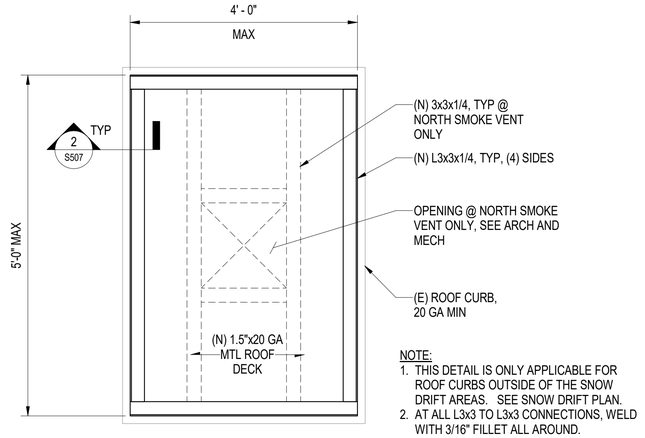
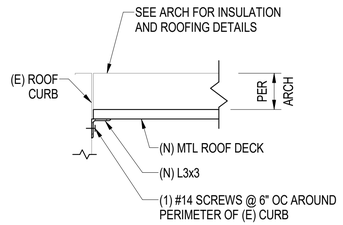


NOTE:
1. THIS DETAIL IS ONLY APPLICABLE FOR ROOF CURBS OUTSIDE OF THE SNOW DRIFT AREAS. SEE SNOW DRIFT PLAN.
2. AT ALL L3x3 TO L3x3 CONNECTIONS, WELD WITH 3/16" FILLET ALL AROUND.

1 S507 PLAN AT ABANDONED ROOF CURB
3/4" = 1'-0"



2 S507 SECTION AT (N) JOIST TO CURB
1" = 1'-0"

MOA ePLANS STAMP

NOTIFICATION OF POTENTIAL HAZARDS

ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
IF NOT 1 INCH,
SCALE ACCORDINGLY

Designed by:	EH
Checked by:	DS
AMC Project:	21805
Date:	8/8/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
ABANDONED ROOF CURB DETAILS

Sheet Number
S507

FILE NAME: C:\Users\ehamel\Documents\Snowden Bldg_Structural_2022_Central_eeham41.rvt
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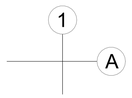
ABBREVIATIONS

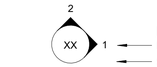
ABV	ABOVE	ID	INSIDE DIAMETER
AFF	ABOVE FINISH FLOOR	INCL	INCLUDE, INCLUDED
ALT	ALTERNATE	INSUL	INSULATION
ARCH	ARCHITECTURAL	INT	INTERIOR
BD	BOARD	LH	LEFT HAND
BLDG	BUILDING	MAX	MAXIMUM
BLK	BLOCK	MFR	MANUFACTURER
BLW	BELOW	MKBD	MARKERBOARD
BO	BOTTOM OF	MIN	MINIMUM
BOF	BOTTOM OF FINISH	MIR	MIRROR
CF	CUBIC FOOT	MTL	METAL
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED	NA	NOT APPLICABLE
		NIC	NOT IN CONTRACT
CL	CENTERLINE	OD	OUTSIDE DIAMETER
CMU	CONCRETE MASONRY UNIT	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
CONC	CONCRETE		
CONT	CONTINUOUS	OFOI	OWNER FURNISHED OWNER INSTALLED
CTR	CENTER		
DIA	DIAMETER	OH	OVERHEAD
DIM	DIMENSION	PLAM	PRESSURE TREATED LAMINATE
DWG	DRAWING	PLY	PLYWOOD
EA	EACH	PT	PAINT
EL	ELEVATION	RCP	REFLECTED CEILING PLAN
ELEC	ELECTRICAL	REBAR	REINFORCING BARS
EQ	EQUAL, EQUIPMENT	REF	REFERENCE
ETR	EXISTING TO REMAIN	REQD	REQUIRED
EX	EXISTING	R.O.	ROUGH OPENING
FAC	FACTORY	SECT	SECTION
FAF	FLUID APPLIED FLOORING	SCHED	SCHEDULE
FE	FIRE EXTINGUISHER	SIM	SIMILAR
FEC	FIRE EXTINGUISHER CABINET	SPEC	SPECIFICATION
FF	FINISHED FLOOR	SS	STAINLESS STEEL
FO	FACE OF	STD	STANDARD
FOC	FACE OF CONCRETE	STL	STEEL
FOF	FACE OF FINISH	STRUCT	STRUCTURAL
FOS	FACE OF STUD	TBD	TO BE DETERMINED
FT	FOOT, FEET	TOB	TOP OF BEAM
FURR	FURRING	TOC	TOP OF CONCRETE
GA	GAUGE	TOS	TOP OF STEEL
GALV	GALVANIZED	TYP	TYPICAL
GWB	GYPSUM WALL BOARD	UL	UNDERWRITERS LABORATORY
GYP	GYPSUM WALL BOARD	UNFIN	UNFINISHED
HM	HOLLOW METAL	UNO	UNLESS NOTED OTHERWISE
HR	HOUR	VIF	VERIFY IN FIELD
HT	HEIGHT	WD	WOOD

SYMBOLS



GRID LINE INDICATION

ROOM IDENTIFICATION
- ROOM NAME
- ROOM NUMBER
- AREA



ELEVATION
- ELEVATION NUMBER
- SHEET NUMBER

DETAIL
- DETAIL NUMBER
- SHEET NUMBER

DOOR NUMBER
- REFER TO DOOR SCHEDULE

WINDOW TYPE
- REFER TO WINDOW SCHEDULE

KEYNOTE
- REFER TO NOTES LISTED ON SHEET

PARTITION TYPE INDICATOR
- REFER TO PARTITION ASSEMBLIES

CEILING TYPE INDICATOR
- REFER TO RCP

GENERAL FINISH TYPE TAG
- REFER TO FINISH LEGEND

MATERIALS


CONCRETE (SECTION)


GYPSUM SHEATHING (PLAN & SECTION)


GYPSUM WALL BOARD (PLAN & SECTION)


INSULATION, BATT (PLAN & SECTION)


INSULATION, SEMI RIGID (PLAN & SECTION)


INSULATION, RIGID, ROOF (PLAN & SECTION)


INSULATION, SPRAY FOAM (PLAN & SECTION)


METAL (SECTION)


PLYWOOD, SHEATHING (SECTION)


PLYWOOD (SECTION)


WOOD, CONTINUOUS (SECTION)


WOOD, BLOCKING (SECTION)

GENERAL NOTES

1. CONSTRUCTION SHALL BE IN COMPLIANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
2. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK AND NOTIFY ARCHITECT OF ANY DISCREPANCIES WITH AS-BUILT CONDITIONS AS SHOWN IN THE DOCUMENTS.
3. DIMENSIONS TO NEW PARTITIONS ARE FACE OF STUD AND FACE OF FINISH TO EXISTING PARTITIONS. "CLR" REFERS TO FACE OF FINISH EACH SIDE UNLESS NOTED OTHERWISE.
4. WORK AREAS WILL BE LEFT CLEAN AND FREE OF ANY DEBRIS OR DUST AT THE END OF EACH SHIFT.
5. ALL TOOLS, CONSTRUCTION MATERIALS, AND EQUIPMENT ARE TO BE PROPERLY STORED AT THE END OF EACH SHIFT. CONTRACTOR IS SOLELY RESPONSIBLE FOR THE SECURITY OF ALL SUCH ITEMS.
6. THE CONTRACTOR SHALL CREATE A CLEAN, DRY SPACE TO STORE MATERIALS ON SITE TO ALLOW ACCLIMATION AS RECOMMENDED BY EACH MANUFACTURER.
7. THE CONTRACTOR SHALL PROVIDE REFUSE SERVICES. A LOCATION NEAR THE BUILDING WILL BE DESIGNATED FOR THE DUMPSTER. DELIVERIES AND STORAGE REQUIREMENTS ARE TO BE COODINATED WITH OWNER'S FACILITIES PERSONNEL.
8. PROTECT EXISTING-TO-REMAIN CONSTRUCTION FROM DAMAGE AT ALL TIMES DURING WORK.
9. ALL ITEMS NOT IDENTIFIED FOR SALVAGE THAT ARE REMOVED AND IN GOOD CONDITION ARE TO BE PROTECTED AND DONATED - SEE SPEC. OWNER MAINTAINS FIRST RIGHT OF REFUSAL FOR ALL SUCH ITEMS.

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NOTIFICATION OF POTENTIAL HAZARDS

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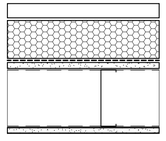
EXTERIOR WALL ASSEMBLIES

- REFER TO CONSTRUCTION PLAN, EXTERIOR ELEVATIONS, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION, INCLUDING FINISHES.
- MATERIALS ARE LISTED FROM EXTERIOR TO INTERIOR SIDE OF ASSEMBLY.
- NEW OR ALTERED WALLS AND/OR PARTITIONS NOT TAGGED IN PLAN HAVE NON-TYPICAL ASSEMBLIES. SEE ASSOCIATED DETAILS FOR ADDITIONAL ASSEMBLY INFORMATION.

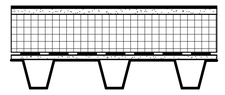
WALL TYPE TAG



NEW (N) EXTERIOR WALL
(PLAN VIEW)
- METAL PANEL WALL SYSTEM
- 1/2" AIR SPACE (STAND OFF CLIPS)
- 4" FIBERGLASS Z-FURRING (VERTICAL) W/
- 4" SEMI-RIGID ROCKWOOL INSULATION
- GLASS-MAT SHEATHING
- METAL SHEATHING AND FRAMING PER STRUCTURAL
- 5/8" TYPE X GWB (TYP), UNO

ROOF ASSEMBLIES

- REFER TO ROOF PLAN AND EXTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- MATERIALS ARE LISTED FROM EXTERIOR TO INTERIOR SIDE OF ASSEMBLY.



NEW ROOF - EPDM
(SECTION VIEW)
- EPDM MEMBRANE
- GLASS-MAT COVER BOARD
- RIGID INSULATION (TAPERED, 6" MIN.)
- UNDERLAYMENT
- GLASS-MAT THERMAL BARRIER
- METAL DECKING - SEE STRUCT.

NEW ROOF ON EXISTING DECK - EPDM
(SECTION VIEW)
- (N) EPDM MEMBRANE
- (N) GLASS-MAT COVER BOARD
- (N) RIGID INSULATION (TAPERED)
- (N) UNDERLAYMENT
- (E) THERMAL BARRIER
- (E) ROOF DECK

NOTE: WHERE TAPER KIT WILL NOT DISRUPT (E) VAPOR RETARDER, LEAVE AS IS AND TIE INTO (N) UNDERLAYMENT WHERE REQUIRED, PER MANF.

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
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Designed by:	MG, SSW
Checked by:	BAM
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
GENERAL INFO, ASSEMBLIES, DETAILS

Sheet Number
A001

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
PLOTTED: 8/8/2022 5:31:28 PM

1 FIRST FLOOR PLAN - DEMOLITION
1/8" = 1'-0"

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NOTIFICATION OF POTENTIAL HAZARDS

ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

KEYNOTES - FIRST FLOOR - DEMOLITION

1 WHERE VENTILATION DUCTWORK OR LOUVERS ARE REMOVED AT WALL PENETRATION, REMOVE TRIM AND FINISHES AS NEEDED FOR INFILL.

DEMOLITION GENERAL NOTES

1. VARIOUS ADDITIONAL DEMOLITION OF FINISHES WILL BE REQUIRED FOR HEATING SYSTEM PIPING DEMOLITION AND REPLACEMENT.
2. COORDINATE EXACT OPENING SIZES AND LOCATIONS WITH MECHANICAL EQUIPMENT.
3. ARCHITECTURAL DRAWINGS ONLY INDICATE DUCT OPENINGS THROUGH FLOORS. COORDINATE ADDITONAL WALL OPENINGS REQUIRED FOR HVAC SYSTEM ROUTING. REUSE EXISTING WALL OPENINGS WHERE AVAILABLE.

PLAN LEGEND

EXISTING WALL

EXISTING TO BE DEMOLISHED

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Revisions

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AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
FIRST FLOOR PLAN - DEMOLITION

Sheet Number
A201

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
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1 SECOND FLOOR PLAN - DEMOLITION
1/8" = 1'-0"

NOTIFICATION OF POTENTIAL HAZARDS

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KEYNOTES - SECOND FLOOR - DEMOLITION

1 DEMOLISH FULL HEIGHT OF EXISTING WALLS
2 SAW CUT NEW OPENING IN CONCRETE FLOOR; SEE STRUCTURAL
3 DEMOLISH DOOR AND FRAME
4 DEMOLISH PORTION OF WALL AS NEEDED FOR NEW DOOR OPENING AND ASSOCIATED FRAMING
5 DEMOLISH WALL BATTS AND ALL WALL FINISHES IN ROOM
6 DEMOLISH FLOOR ASSEMBLY FOR NEW FLOOR OPENING; SEE STRUCTURAL
7 DEMOLISH VENT GRILLE
8 DEMOLISH EXTERIOR DUCT AND ASSOCIATED ATTACHMENT AND SUPPORT COMPONENTS
9 DEMOLISH CARPET AND RUBBER BASE THROUGHOUT ROOM

DEMOLITION GENERAL NOTES

1. VARIOUS ADDITIONAL DEMOLITION OF FINISHES WILL BE REQUIRED FOR HEATING SYSTEM PIPING DEMOLITION AND REPLACEMENT.
2. COORDINATE EXACT OPENING SIZES AND LOCATIONS WITH MECHANICAL EQUIPMENT.
3. ARCHITECTURAL DRAWINGS ONLY INDICATE DUCT OPENINGS THROUGH FLOORS. COORDINATE ADDITONAL WALL OPENINGS REQUIRED FOR HVAC SYSTEM ROUTING. REUSE EXISTING WALL OPENINGS WHERE AVAILABLE.

PLAN LEGEND

EXISTING WALL
EXISTING TO BE DEMOLISHED

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ALASKA COURT SYSTEM
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MECHANICAL UPGRADES

Revisions

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Designed by:	MG
Checked by:	BAM
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
SECOND FLOOR PLAN - DEMOLITION

Sheet Number
A202

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
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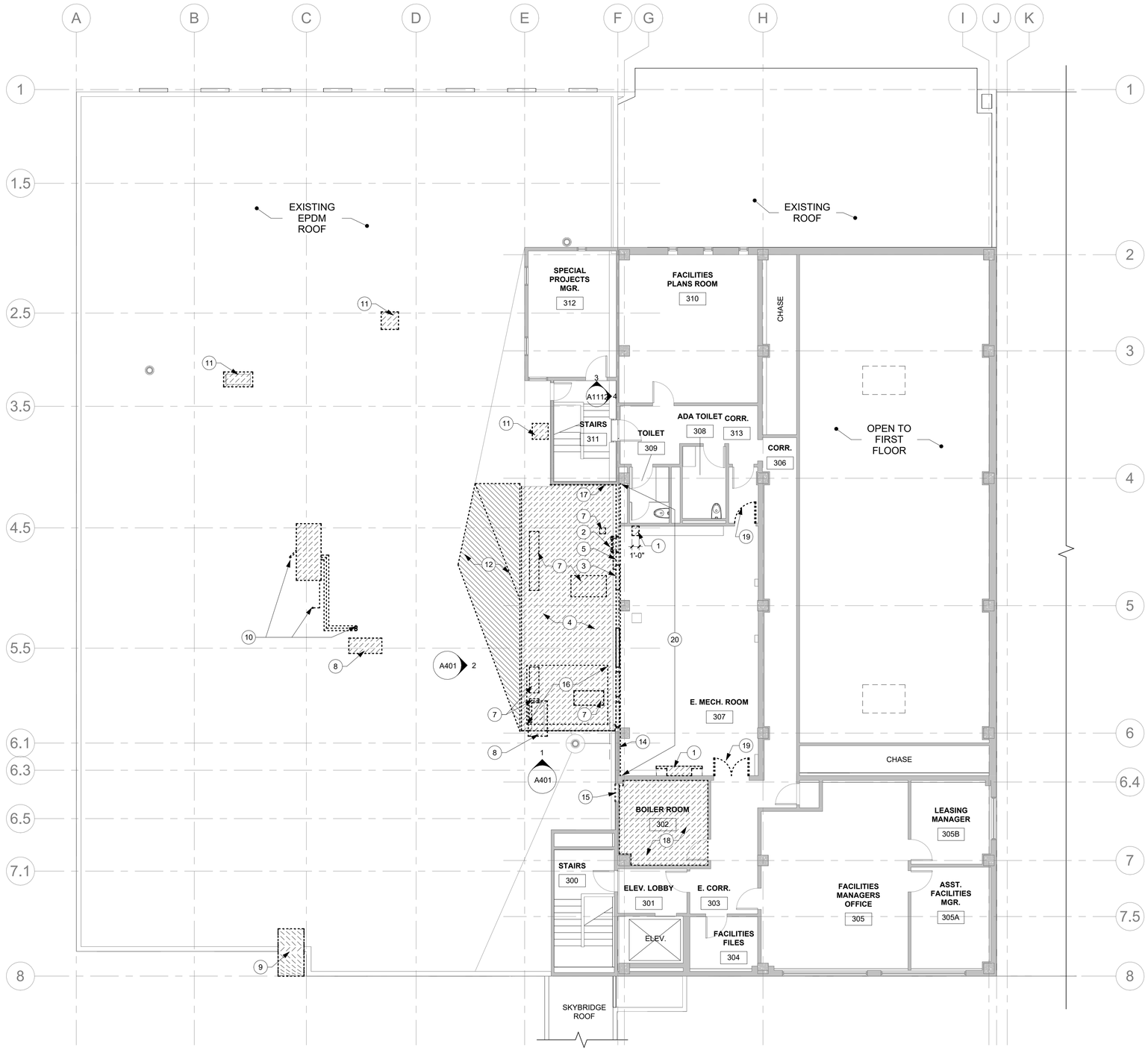

1 THIRD FLOOR PLAN AND LOWER ROOF PLAN - DEMOLITION
1/8" = 1'-0"

MOA ePlan Stamp

NOTIFICATION OF POTENTIAL HAZARDS

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KEYNOTES - THIRD FLOOR & LOWER ROOF - DEMO.

1 SAW CUT CONCRETE SLAB TO ENLARGE OPENING; SEE STRUCTURAL
2 DEMOLISH FIXED LADDER
3 DEMOLISH WOOD FRAMED WALL, PARAPET, AND INTERIOR FURRING EXTENDING TO THE FLOOR SLAB
4 DEMOLISH ROOF ASSEMBLY ABOVE EXISTING PLYWOOD DECK; DECK TO REMAIN
5 DEMOLISH 48 INCH WIDE PORTION OF CMU WALL AT NEW STAIR (SEE 1/A1111)
7 DEMOLISH FLOOR ASSEMBLY FOR NEW FLOOR OPENING; SEE STRUCTURAL; COORDINATE EXACT SIZE AND LOCATION WITH MECHANICAL
8 DEMOLISH ROOF CURB WHERE EQUIPMENT IS DEMOLISHED
9 DEMOLISH EXTERIOR DUCT AND ASSOCIATED ATTACHMENT AND SUPPORT COMPONENTS
10 DEMOLISH ROOF PENETRATION COMPONENTS AT DEMOLISHED CONDUIT AND PIPING
11 DEMOLISH ROOF CURB CAP WHERE EQUIPMENT IS DEMOLISHED; EXISTING CURB TO REMAIN
12 DEMOLISH ROOF MEMBRANE AND TAPERED INSULATION LAYER WHERE NEW TAPERED INSULATION WILL BE INSTALLED
14 DEMOLISH EXISTING GWB FINISH AS NEEDED TO INSTALL NEW FIRESTOPPING SYSTEM BETWEEN FLOOR AND WALL
15 DEMOLISH PORTION OF WOOD WALL FOR NEW LOUVER PER MECHANICAL
16 TEMPORARILY REMOVE AND REINSTALL FRAMING AND DECK TO MAKE OPENING FOR AHU INSTALLATION; ASSUME SMALLEST PIECE OF AHU IS 70"L x 84"W x 45" H
17 DEMOLISH EXISTING EXTERIOR STUCCO AND PLASTER ON THIS WALL
18 DEMOLISH CARPET AND RUBBER BASE THROUGHOUT ROOM; REMOVE ADHESIVE FROM CONCRETE SUBSTRATE
19 DEMOLISH DOOR LEAVES; FRAME TO REMAIN; SALVAGE HARDWARE FOR REUSE
20 DEMOLISH INSULATION BETWEEN FLOOR AND WALL AS NEEDED FOR FIRESTOP JOINT INSTALLATION

DEMOLITION GENERAL NOTES

1. VARIOUS ADDITIONAL DEMOLITION OF FINISHES WILL BE REQUIRED FOR HEATING SYSTEM PIPING DEMOLITION AND REPLACEMENT.
2. COORDINATE EXACT OPENING SIZES AND LOCATIONS WITH MECHANICAL EQUIPMENT.
3. ARCHITECTURAL DRAWINGS ONLY INDICATE DUCT OPENINGS THROUGH FLOORS. COORDINATE ADDITONAL WALL OPENINGS REQUIRED FOR HVAC SYSTEM ROUTING. REUSE EXISTING WALL OPENINGS WHERE AVAILABLE.

PLAN LEGEND

EXISTING WALL

EXISTING TO BE DEMOLISHED

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ALASKA COURT SYSTEM
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Revisions

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IF NOT 1 INCH, SCALE ACCORDINGLY

Designed by:	MG
Checked by:	BAM
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
THIRD FLOOR, LOWER ROOF PLAN - DEMOLITION

Sheet Number
A203

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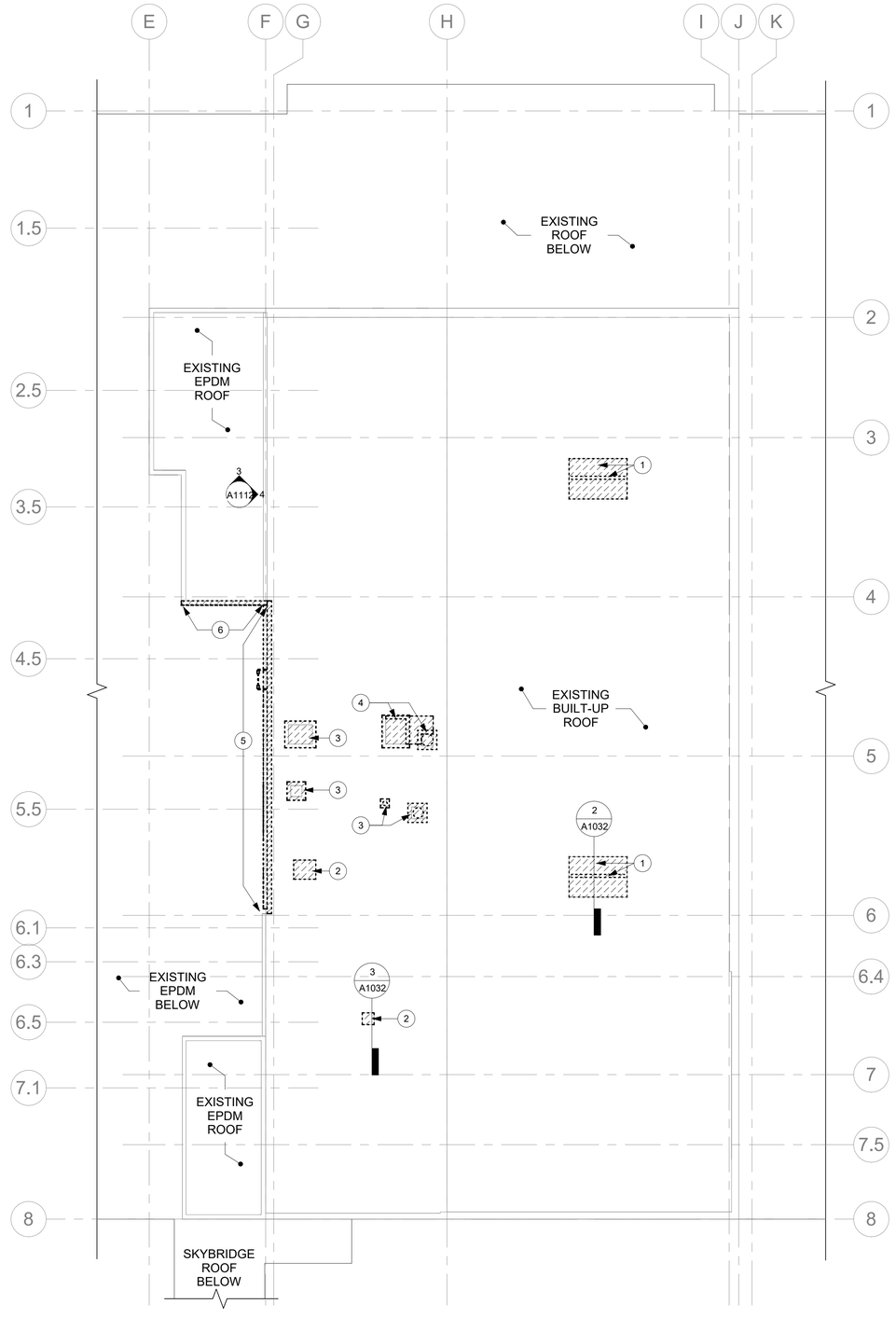

1 UPPER ROOF PLAN - DEMOLITION
1/8" = 1'-0"

MOA ePlan Stamp

NOTIFICATION OF POTENTIAL HAZARDS

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KEYNOTES - UPPER ROOF - DEMOLITION

1 DEMOLISH VENT DOORS AND HARDWARE COMPONENTS; DEMOLISH CENTER SUPPORT JAMB; LEAVE CURB IN PLACE
2 DEMOLISH ROOF ASSEMBLY AS NEEDED FOR NEW DUCT PENETRATION
3 DEMOLISH CURB CAP; CURB TO REMAIN
4 DEMOLISH ROOF CURBS; DEMOLISH ROOF ASSEMBLY TO ENLARGE AND CONNECT OPENINGS FOR NEW DUCT PENETRATION
5 DEMOLISH PARAPET AND PORTION OF EXISTING ROOF AS NEEDED FOR NEW PARAPET ALONG SEISMIC JOINT
6 DEMOLISH PARAPET FLASHING AS NEEDED FOR INSTALLATION OF NEW SEISMIC JOINT

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

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Designed by:	MG
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AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
UPPER ROOF PLAN - DEMOLITION

Sheet Number
A204

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
PLOTTED: 8/8/2022 5:31:32 PM

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NOTIFICATION OF POTENTIAL HAZARDS

ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

KEYNOTES - FIRST FLOOR

1 INFILL OPENING IN CMU WALL; PATCH VAPOR RETARDER, INSULATION, AND FINISHES TO MAKE CONTINUOUS

2 INFILL 36"X6" OPENING ABOVE DOOR WHERE LOUVER IS DEMOLISHED; PROVIDE PAINTED GWB FINISH CONTINUOUS WITH SURROUNDING WALL

3 IN HATCHED SEGMENT, CONFIRM EXISTING PENETRATIONS ARE PROTECTED WITH FIRESTOPPING; PROVIDE FIRESTOPPING WHERE NOT ALREADY INSTALLED; PATCH WALL TO MAINTAIN FIRE RATING WHERE PENETRATIONS ARE FOUND ABANDONED OR ARE ABANDONED BY THIS WORK

4 INSTALL NEW ELEVATOR KEY BOX PER IFC SECTION 506.1.2 AND ANCHORAGE MUNICIPAL CODE 23.45.606.7; KEY BOX MUST BE KNOX BOX MODEL #1404

FLOOR PLAN GENERAL NOTES

1. SEE A001 FOR WALL ASSEMBLIES.
2. SEE A1111 FOR DOOR, FRAME, AND HARDWARE INFORMATION.
3. PATCH AND REPAIR ALL BLEMISHES OR PENETRATIONS REMAINING FROM DEMOLISHED OR RELOCATED FIXTURES, MATERIALS, OR EQUIPMENT TO LIKE NEW CONDITION.
4. INSTALL REQUIRED FIRESTOPPING AT ALL NEW PENETRATIONS AND ALL NEWLY VACATED PENETRATIONS THROUGH FIRE RESISTANCE RATED ASSEMBLIES. REFER TO CODE PLANS ON G002.

PLAN LEGEND

- NEW (N) CONSTRUCTION
- EXISTING (E) WALL
- FLOOR: (N) CERAMIC TILE; WALLS: (N) PAINT; BASE: (N) 4" BULLNOSE TILE
- (N) ROOF MEMBRANE
- FLOOR: (N) CARPET TILE; WALLS: (N) PAINT; BASE: (N) 4" RESILIENT

1 FIRST FLOOR PLAN
1/8" = 1'-0"

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Project Phase
PERMIT DRAWINGS

Sheet Title
FIRST FLOOR PLAN

Sheet Number
A205

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1 SECOND FLOOR PLAN
1/8" = 1'-0"

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KEYNOTES - SECOND FLOOR

1 EXTEND WALL FRAMING TO UNDERSIDE OF FLOOR FRAMING ABOVE AT NORTH AND WEST WALLS OF FORMER COPY ROOM. EXTEND GWB FINISH TO UNDERSIDE OF FRAMING ON BOTH SIDES OF WALL; COORDINATE REQUIRED OPENINGS WITH MECHANICAL
2 NEW HOUSEKEEPING PAD; SEE STRUCTURAL
3 INSTALL NEW DOUBLE DOOR; PAINT TO MATCH SURROUNDING WALL
4 INFILL WALL FRAMING AND PAINTED GWB FOR CONTINUOUS FINISH BOTH SIDES
5 INSTALL GWB WALL FINISH THROUGHOUT ROOM TO EXTEND 4 INCHES ABOVE CEILING
6 PAINT ENTIRE WALL BETWEEN ARROWS
7 INFILL EXISTING OPENING WITH FIRE RATED ASSEMBLY WITH OPENINGS SIZED FOR NEW DUCT PENETRATIONS
8 IN HATCHED SEGMENT, CONFIRM EXISTING PENETRATIONS ARE PROTECTED WITH FIRESTOPPING; PROVIDE FIRESTOPPING WHERE NOT ALREADY INSTALLED; PATCH WALL TO MAINTAIN FIRE RATING WHERE PENETRATIONS ARE FOUND ABANDONED OR ARE ABANDONED BY THIS WORK
9 PATCH ALL HOLES REMAINING FROM EXTERIOR DUCT ATTACHMENT SO FINISH AND WEATHERTIGHTNESS ARE CONTINUOUS
10 CONFIGURE NEW WALLS TO AVOID EXISTING WOOD TRIM AT RAIL; FINISH AND PAINT TO MATCH SURROUNDING WALLS

FLOOR PLAN GENERAL NOTES

1. SEE A001 FOR WALL ASSEMBLIES.
2. SEE A1111 FOR DOOR, FRAME, AND HARDWARE INFORMATION.
3. PATCH AND REPAIR ALL BLEMISHES OR PENETRATIONS REMAINING FROM DEMOLISHED OR RELOCATED FIXTURES, MATERIALS, OR EQUIPMENT TO LIKE NEW CONDITION.
4. INSTALL REQUIRED FIRESTOPPING AT ALL NEW PENETRATIONS AND ALL NEWLY VACATED PENETRATIONS THROUGH FIRE RESISTANCE RATED ASSEMBLIES. REFER TO CODE PLANS ON G002.

PLAN LEGEND

- NEW (N) CONSTRUCTION
- EXISTING (E) WALL
- FLOOR: (N) CERAMIC TILE; WALLS: (N) PAINT; BASE: (N) 4" BULLNOSE TILE
- (N) ROOF MEMBRANE
- FLOOR: (N) CARPET TILE; WALLS: (N) PAINT; BASE: (N) 4" RESILIENT

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Sheet Title
SECOND FLOOR PLAN

Sheet Number
A206

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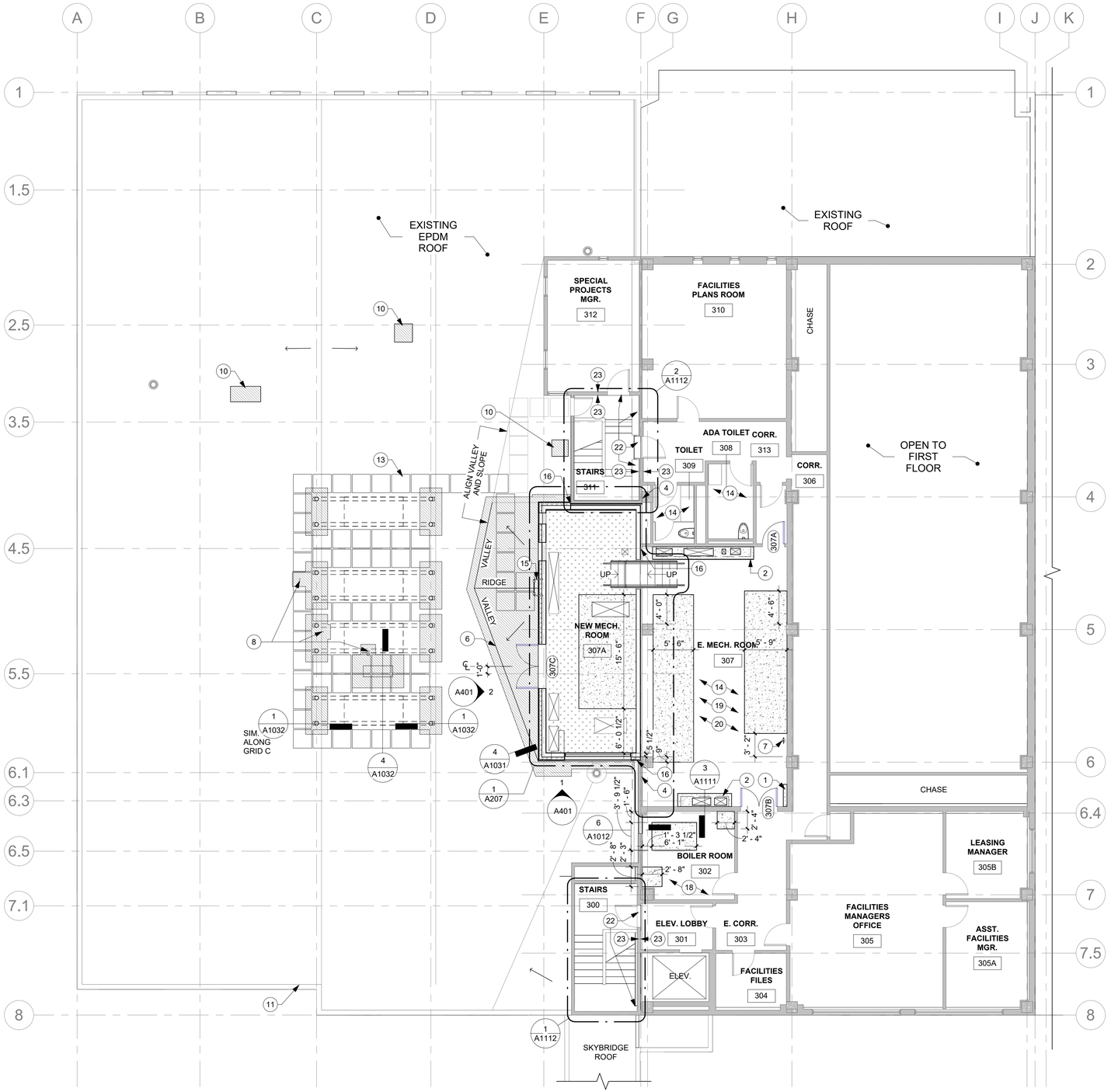
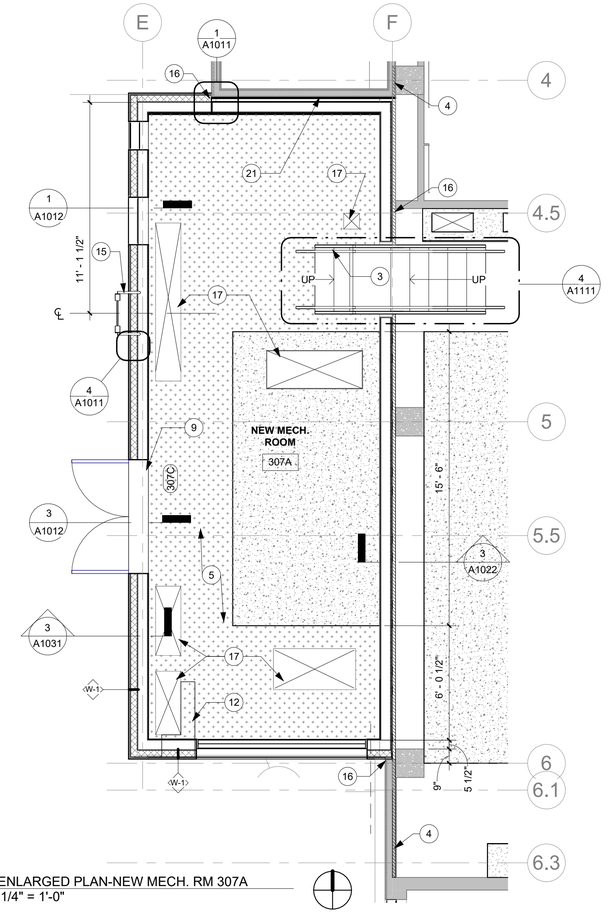


2 THIRD FLOOR PLAN AND LOWER ROOF PLAN
1/8" = 1'-0"



1 ENLARGED PLAN-NEW MECH. RM 307A
1/4" = 1'-0"

KEYNOTES - THIRD FLOOR & LOWER ROOF

1 INFILL EXISTING OPENING IN CONCRETE FLOOR - SEE STRUCT.
2 INSTALL FIRE RATED WALLS AND FIRE RATED HORIZONTAL ASSEMBLY OVER OPENINGS IN CONCRETE FLOOR
3 METAL STAIR WITH HANDRAILS
4 INSTALL FIRESTOPPING AT SLAB EDGE FOR FULL LENGTH OF ROOM; EXTEND NORTH OF ROOM CONTINUOUSLY THROUGH ENCLOSED CHASE AND BEHIND COLUMN AT GRID 4
5 INSTALL CERAMIC TILE FLOORING AND PAINTED GWB WALL FINISH THROUGHOUT ADDITION
6 INSTALL TAPERED INSULATION AND ROOF MEMBRANE IN HATCHED AREA; TIE INTO EXISTING USING MANUFACTURER DETAILS
7 INSTALL FIRE EXTINGUISHER MOUNTED TO WALL; TYPE 2A, 10BC
8 PATCH ROOF ASSEMBLY AT DEMOLISHED CONDUIT AND PIPING
9 INSTALL DOUBLE DOORS; INSULATED METAL PAINTED TO MATCH SIDING; SEE A1111 AND SPECS
10 EXISTING ROOF CURB TO REMAIN: INFILL OPENING WITH COMPLETE ROOF ASSEMBLY SIM. TO ASSEMBLY R-1. MAINTAIN VAPOR BARRIER CONTINUITY BETWEEN EXISTING AND NEW. INFILL GWB PLENUM LID BELOW.
11 PATCH ALL HOLES REMAINING FROM EXTERIOR DUCT ATTACHMENT SO FINISH AND WEATHERTIGHTNESS ARE CONTINUOUS
12 INFILL PORTION OF EXISTING OPENING
13 INSTALL ROOF WALKWAY PADS FROM EXISTING WALKWAY TO FIXED LADDER AND AROUND ROOF-MOUNTED EQUIPMENT AS SHOWN
14 CONFIRM FIRESTOPPING IS PROVIDED AT EXISTING FLOOR PENETRATIONS, AND INSTALL FIRESTOPPING AT UNPROTECTED PENETRATIONS THROUGHOUT ROOMS 307, 308, AND 309 AND ADJACENT CHASES
15 INSTALL NEW FIXED LADDER ON (N) WALL; INSTALL BLOCKING FOR ATTACHMENT
16 INSTALL EXPANSION JOINT AT JUNCTION BETWEEN NEW AND EXISTING WALLS
17 INSTALL FLOOR OPENING WITH CURB ALL SIDES
18 EXTEND WALL FRAMING AND FINISH TO UNDERSIDE OF STRUCTURE; PAINT ALL WALLS, AND INSTALL NEW RESILIENT BASE AROUND ROOM; APPLY WATERPROOFING SEALANT TO EXISTING CONCRETE SLAB.
19 PAINT WALLS THROUGHOUT 307 AND 307A
20 STRUCTURAL STEEL SUPPORTING EXPANDED OPENINGS IN THIS SLAB TO BE COATED WITH INTUMESCENT PAINT FOR 1-HOUR FIRE RESISTANCE
21 APPLY 5/8" TYPE X GWB OVER ENTIRE SOUTH WALL OF STAIR (GA FILE, WP 3510); SEE DETAILS FOR ADDITIONAL INFO.
22 REPAIR AND REPLACE GWB WHERE DAMAGED AND INSTALL NEW CONTROL JOINTS; SEE ENLARGED PLANS AND DETAILS FOR MORE INFORMATION
23 PAINT WALL TO MATCH SURROUNDING

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FLOOR PLAN GENERAL NOTES

1. SEE A001 FOR WALL ASSEMBLIES.
2. SEE A1111 FOR DOOR, FRAME, AND HARDWARE INFORMATION.
3. PATCH AND REPAIR ALL BLEMISHES OR PENETRATIONS REMAINING FROM DEMOLISHED OR RELOCATED FIXTURES, MATERIALS, OR EQUIPMENT TO LIKE NEW CONDITION.
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PLAN LEGEND

- NEW (N) CONSTRUCTION
- EXISTING (E) WALL
- FLOOR: (N) CERAMIC TILE; WALLS: (N) PAINT; BASE: (N) 4" BULLNOSE TILE
- (N) ROOF MEMBRANE
- FLOOR: (N) CARPET TILE; WALLS: (N) PAINT; BASE: (N) 4" RESILIENT

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
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Revisions

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Sheet Title
THIRD FLOOR, LOWER ROOF PLAN

Sheet Number
A207

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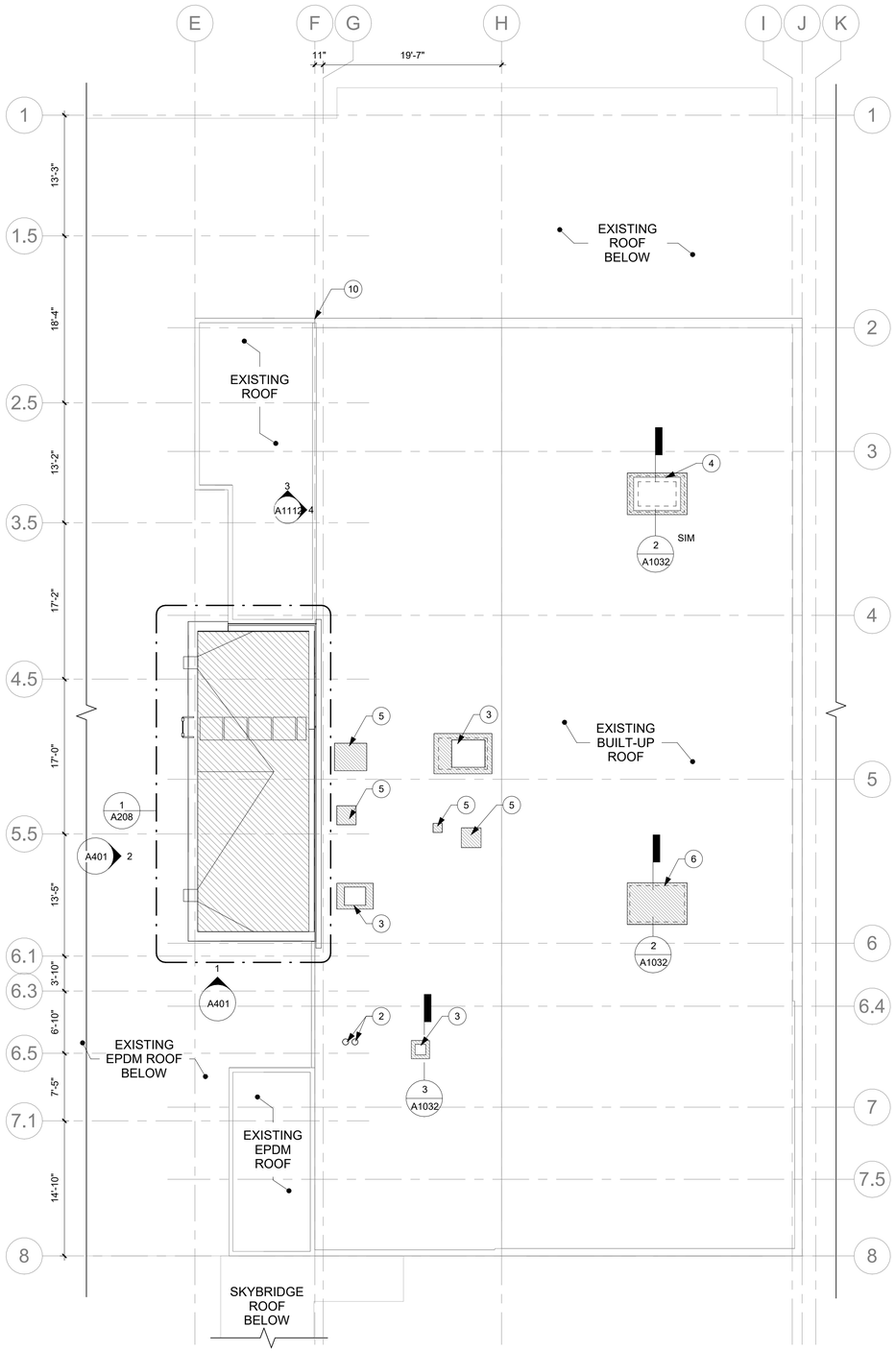
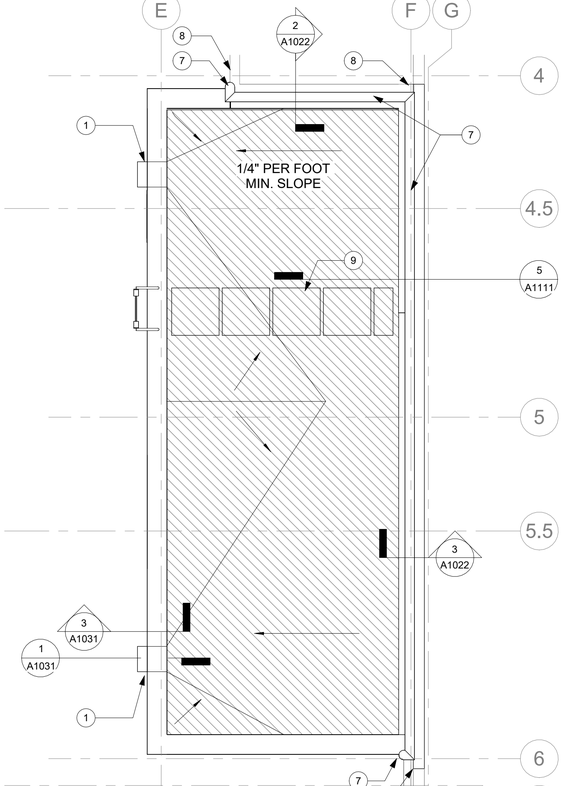


2 UPPER ROOF PLAN
1/8" = 1'-0"



1 ENLARGED ROOF PLAN - ADDITION ROOF
1/4" = 1'-0"

KEYNOTES - UPPER ROOF

1. SCUPPER WITH DOWNSPOUT AND HEAT TRACE
2. CONSTRUCT ROOF CURB IN EXISTING ROOF FOR BOILER FLUE
3. CONSTRUCT ROOF CURB IN EXISTING ROOF FOR MECHANICAL HOOD
4. INFILL EXISTING SMOKE VENT CURB WITH COMPLETE ROOF ASSEMBLY; CONSTRUCT NEW CURB WITHIN EXISITNG SMOKE VENT CURB
5. EXISTING ROOF CURB TO REMAIN; INFILL OPENING WITH COMPLETE ROOF ASSEMBLY ON METAL DECK SIM. TO ASSEMBLY R-1. MAINTAIN VAPOR BARRIER CONTINUITY BETWEEN EXISTING AND NEW.
6. INFILL EXISTING SMOKE VENT CURB WITH COMPLETE ROOF ASSEMBLY; EXISTING MANUFACTURED CURB TO REMAIN IN PLACE
7. INSTALL EXPANSION JOINT BETWEEN ADDITION AND ADJACENT CONSTRUCTION; JOINT TO EXTEND HORIZONTALLY ALONG ROOF JUNCTURE AND VERTICALLY DOWN THE CORNERS AT EACH END; INSTALLATION INSTRUCTIONS AND PRE-MFR TRANSITIONS AND TERMINATIONS PER EXPANSION JOINT MFR.
8. TIE IN NEW PARAPET FLASHING TO EXISTING
9. INSTALL ROOF WALKWAY PADS
10. AT GRID F, NOTCH 1/2" VERTICAL CONTROL JOINT IN EXISTING DAMAGED PLASTER FINISH; FILL WITH FLEXIBLE SEALANT AND COVER WITH PRE-FINISHED ALUMINUM (V) CONTROL JOINT COVER. AT PARAPET, REMOVE EXISTING FLASHING AS NECESSARY TO INSTALL CONT. JOINT. AT BASE, TERMINATE AT TOP OF EXISTING ROOF MEMBRANE TERMINATION BAR AND PROVIDE CONTROL JOINT MFR RECOMMENDED FLASHING.

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FLOOR PLAN GENERAL NOTES

1. SEE A001 FOR WALL ASSEMBLIES.
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3. PATCH AND REPAIR ALL BLEMISHES OR PENETRATIONS REMAINING FROM DEMOLISHED OR RELOCATED FIXTURES, MATERIALS, OR EQUIPMENT TO LIKE NEW CONDITION.
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PLAN LEGEND

- NEW (N) CONSTRUCTION
- EXISTING (E) WALL
- FLOOR: (N) CERAMIC TILE
  WALLS: (N) PAINT
  BASE: (N) 4" BULLNOSE TILE
- (N) ROOF MEMBRANE
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Project Phase
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Sheet Title
UPPER ROOF PLAN

Sheet Number
A208

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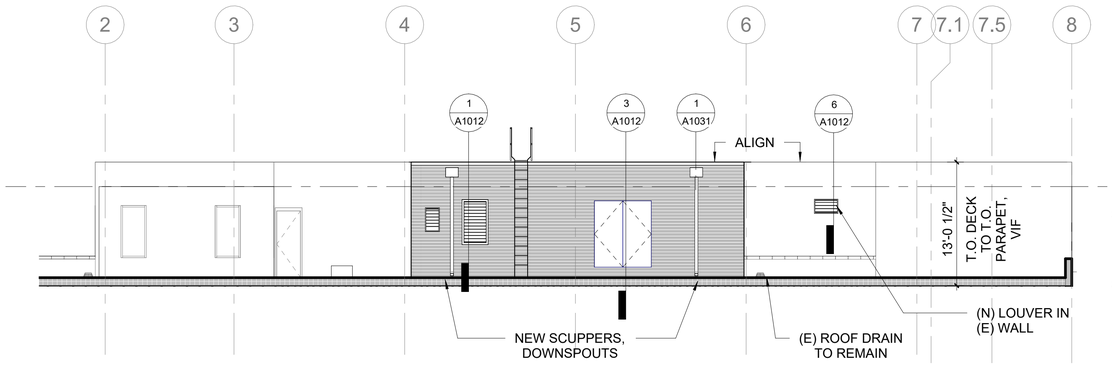
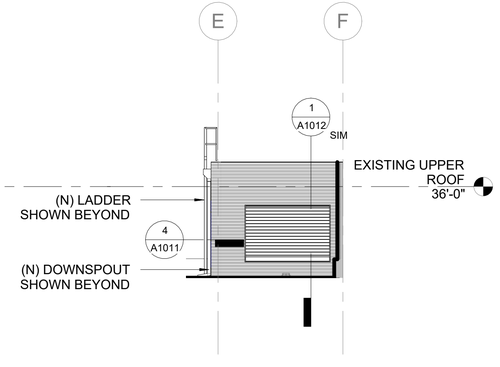


2 ELEVATION - 3RD FLOOR FAN RM WEST
1/8" = 1'-0"



1 ELEVATION - 3RD FLOOR FAN RM SOUTH
1/8" = 1'-0"

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Project Phase
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Sheet Title
ELEVATIONS

Sheet Number
A401

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1 FIRST FLOOR RCP - DEMOLITION
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NOTIFICATION OF POTENTIAL HAZARDS

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REFLECTED CEILING PLAN GENERAL NOTES

1. REMOVE AND REINSTALL EXISTING CEILING TILES AS NEEDED TO INSTALL NEW EQUIPMENT. REPLACE ANY TILES THAT ARE REMOVED AND HAVE EXISTING DAMAGE AS WELL AS ANY TILES THAT ARE DAMAGED IN THE COURSE OF THE WORK. WHERE 50% OR MORE OF THE TILES ARE REMOVED IN CEILINGS OVER 144 SF , THE CEILING MUST BE EVALUATED FOR COMPLIANCE WITH THE SEISMIC PROVISIONS OF ASCE 7. UPGRADE SEISMIC BRACING TO COMPLY WITH ASCE 7 AND THE REQUIREMENTS OF 2018 IEBC SECTION 302.8 AS LOCALLY AMENDED.
2. PLANS DO NOT INDICATE ALL CEILING FIXTURES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING FIXTURE, AND EQUIPMENT LOCATIONS.
3. RELOCATE LUMINAIRES AND OTHER CEILING FIXTURES AS REQUIRED FOR NEW VENTILATION LAYOUT.
4. WHERE NEW ACT CEILINGS ARE DIRECTLY ADJACENT TO EXISTING, TIE NEW GRID INTO EXISTING AND ALIGN FOR CONTINUOUS, SEAMLESS APPEARANCE.
5. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR FINAL LAYOUT OF DEMOLISHED AND NEW CEILING MOUNTED FIXTURES (INCLUDING LIGHT FIXTURES, SUPPLY/RETURN FIXTURES, ETC.).

ADDITIVE ALTERNATES

ADDITIVE ALTERNATE #1
DEMOLISH ALL 2'X4' ACT CEILINGS IN THE OUTLINED AREA. INSTALL NEW 2'X4' ACT CEILING IN SAME LOCATION AND HEIGHT AS DEMOLISHED 2'X4' ACT CEILINGS. TYPE C1(E) LOCATIONS SHALL BE REPLACED WITH TYPE C1, AND TYPE C2(E) SHALL BE REPLACED WITH TYPE C2.

ADDITIVE ALTERNATE #2
DEMOLISH ALL LIGHTING AND INSTALL NEW LIGHTING IN ALL LOCATIONS IN THE OUTLINED AREA. SEE ELECTRICAL FOR MORE INFORMATION.

DEMO RCP LEGEND

- C1(E) - EXISTING 2'x4' SUSPENDED ACT CEILING
- C2(E) - EXISTING 2'x4' SUSPENDED ACT CEILING W/ TEGULAR EDGE "2X2 LOOK" TILES
- DEMOLISH 2x4 SUSPENDED ACT CEILING AND LIGHTING
- C4(E) - EXISTING GWB CEILING (SUSPENDED UNLESS NOTED OTHERWISE)
- DEMOLISH GWB CEILING (SUSPENDED UNLESS NOTED OTHERWISE)
- EXISTING LIGHT FIXTURE; SIZE AND TYPE VARY - SEE ELECTRICAL
- DEMOLISH LIGHT FIXTURE; SIZE AND TYPE VARY - SEE ELECTRICAL.

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions		
No.	Date	Description

1 INCH AT FULL SIZE
IF NOT 1 INCH, SCALE ACCORDINGLY

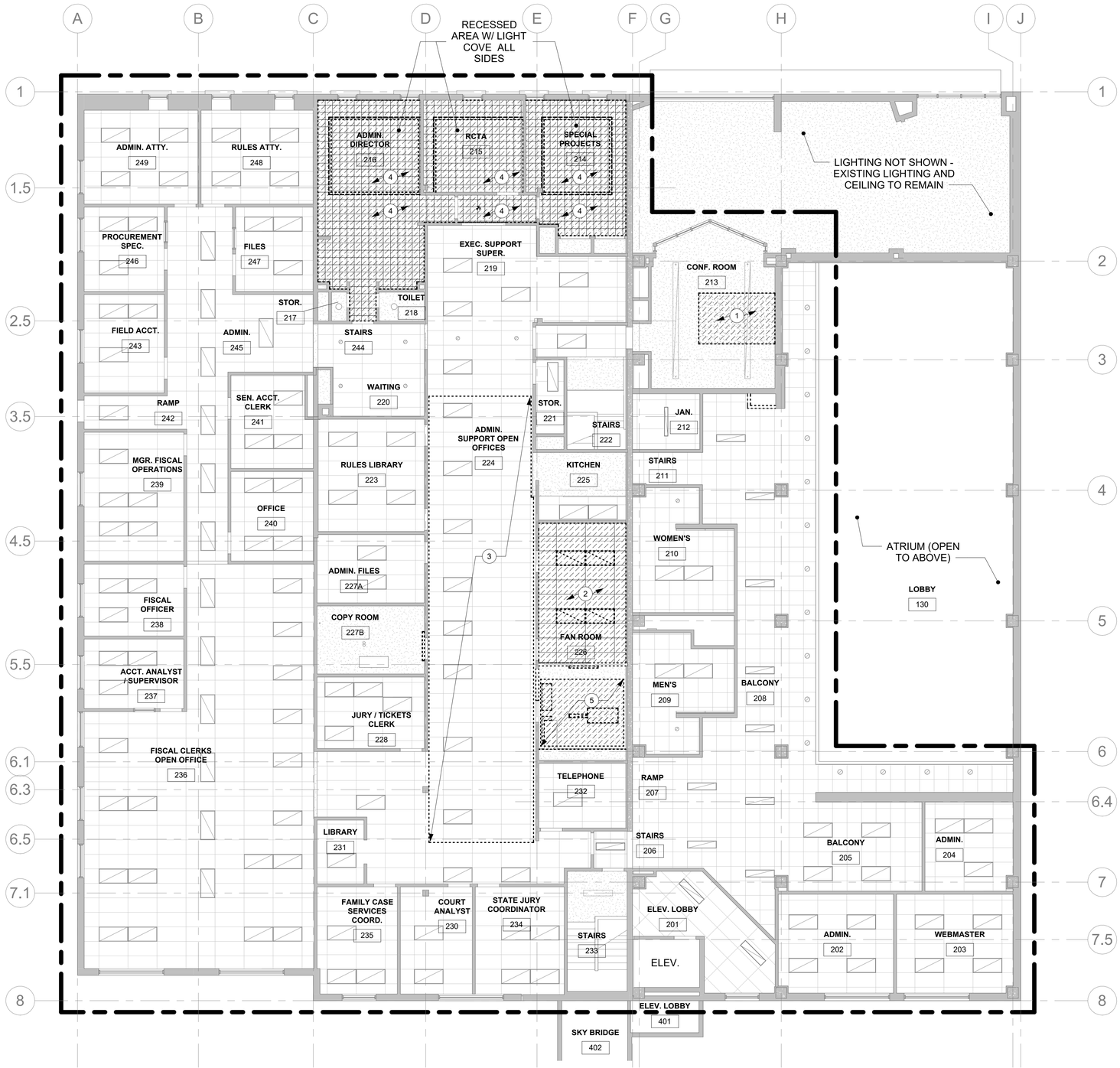
Designed by:	MG
Checked by:	BAM
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
FIRST FLOOR RCP - DEMOLITION

Sheet Number
A901

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
PLOTTED: 8/9/2022 5:31:36 PM



1 SECOND FLOOR RCP - DEMOLITION
1/8" = 1'-0"

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
PLOTTED: 8/8/2022 5:31:37 PM

MOA ePlan Stamp

NOTIFICATION OF POTENTIAL HAZARDS

ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

KEYNOTES - SECOND FLOOR RCP - DEMOLITION

1 DEMOLISH GWB CEILING
2 DEMOLISH ACT GRID CEILING
3 DEMOLISH GYPSUM BOARD ON BOTTOM OF STRUCTURE ABOVE SUSPENDED CEILING AS NEEDED FOR INSTALLATION OF SISTERED JOISTS PER STRUCTURAL
4 DEMOLISH 12X12 ACOUSTICAL TILES AND CONCEALED GRID SUSPENSION SYSTEM; PLYWOOD FRAME WITH LIGHT COVE AND WOOD TRIM TO REMAIN
5 DEMOLISH GWB CEILING WHERE REQUIRED FOR TEMPORARY REMOVAL OF FRAMING AND DECK ABOVE FOR AHU INSTALLATION

REFLECTED CEILING PLAN GENERAL NOTES

1. REMOVE AND REINSTALL EXISTING CEILING TILES AS NEEDED TO INSTALL NEW EQUIPMENT. REPLACE ANY TILES THAT ARE REMOVED AND HAVE EXISTING DAMAGE AS WELL AS ANY TILES THAT ARE DAMAGED IN THE COURSE OF THE WORK. WHERE 50% OR MORE OF THE TILES ARE REMOVED IN CEILINGS OVER 144 SF , THE CEILING MUST BE EVALUATED FOR COMPLIANCE WITH THE SEISMIC PROVISIONS OF ASCE 7. UPGRADE SEISMIC BRACING TO COMPLY WITH ASCE 7 AND THE REQUIREMENTS OF 2018 IEBC SECTION 302.8 AS LOCALLY AMENDED.
2. PLANS DO NOT INDICATE ALL CEILING FIXTURES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING FIXTURE, AND EQUIPMENT LOCATIONS.
3. RELOCATE LUMINAIRES AND OTHER CEILING FIXTURES AS REQUIRED FOR NEW VENTILATION LAYOUT.
4. WHERE NEW ACT CEILINGS ARE DIRECTLY ADJACENT TO EXISTING, TIE NEW GRID INTO EXISTING AND ALIGN FOR CONTINUOUS, SEAMLESS APPEARANCE.
5. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR FINAL LAYOUT OF DEMOLISHED AND NEW CEILING MOUNTED FIXTURES (INCLUDING LIGHT FIXTURES, SUPPLY/RETURN FIXTURES, ETC.).

ADDITIVE ALTERNATES

ADDITIVE ALTERNATE #1
DEMOLISH ALL 2'X4' ACT CEILINGS IN THE OUTLINED AREA. INSTALL NEW 2'X4' ACT CEILING IN SAME LOCATION AND HEIGHT AS DEMOLISHED 2'X4' ACT CEILINGS. TYPE C1(E) LOCATIONS SHALL BE REPLACED WITH TYPE C1, AND TYPE C2(E) SHALL BE REPLACED WITH TYPE C2.

ADDITIVE ALTERNATE #2
DEMOLISH ALL LIGHTING AND INSTALL NEW LIGHTING IN ALL LOCATIONS IN THE OUTLINED AREA. SEE ELECTRICAL FOR MORE INFORMATION.

DEMO RCP LEGEND

- C1(E) - EXISTING 2'x4' SUSPENDED ACT CEILING
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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

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Designed by:	MG
Checked by:	BAM
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

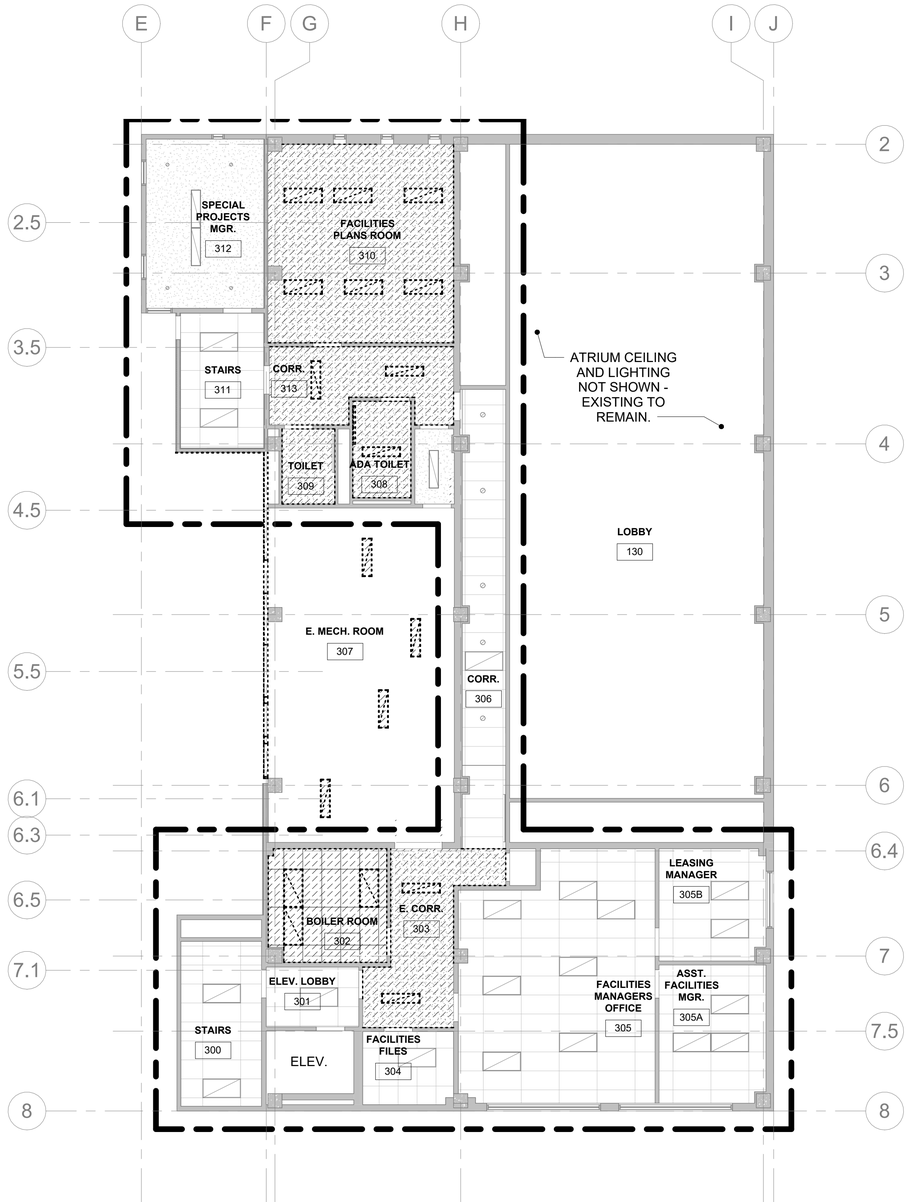
Sheet Title
SECOND FLOOR RCP - DEMOLITION

Sheet Number
A902

MOA ePlan Stamp

NOTIFICATION OF POTENTIAL HAZARDS

ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.



1 THIRD FLOOR RCP - DEMOLITION
1/8" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES

1. REMOVE AND REINSTALL EXISTING CEILING TILES AS NEEDED TO INSTALL NEW EQUIPMENT. REPLACE ANY TILES THAT ARE REMOVED AND HAVE EXISTING DAMAGE AS WELL AS ANY TILES THAT ARE DAMAGED IN THE COURSE OF THE WORK. WHERE 50% OR MORE OF THE TILES ARE REMOVED IN CEILINGS OVER 144 SF , THE CEILING MUST BE EVALUATED FOR COMPLIANCE WITH THE SEISMIC PROVISIONS OF ASCE 7. UPGRADE SEISMIC BRACING TO COMPLY WITH ASCE 7 AND THE REQUIREMENTS OF 2018 IEBC SECTION 302.8 AS LOCALLY AMENDED.
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ADDITIVE ALTERNATES

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ADDITIVE ALTERNATE #2
DEMOLISH ALL LIGHTING AND INSTALL NEW LIGHTING IN ALL LOCATIONS IN THE OUTLINED AREA. SEE ELECTRICAL FOR MORE INFORMATION.

DEMO RCP LEGEND

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

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IF NOT 1 INCH, SCALE ACCORDINGLY

Designed by:	MG
Checked by:	BAM
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
THIRD FLOOR RCP - DEMOLITION

Sheet Number
A903

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
PLOTTED: 8/9/2022 5:31:38 PM

1 FIRST FLOOR RCP
1/8" = 1'-0"

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KEYNOTES - FIRST FLOOR RCP

1 NEW CEILING AT LOWER HEIGHT THAN ORIGINAL; ADJUST SPRINKLERS AND OTHER CEILING FIXTURES AS NEEDED
2 INSTALL STANDARD EDGE TERMINATION WHERE FORMERLY CONTINUOU ACT GRID WAS CUT

REFLECTED CEILING PLAN GENERAL NOTES

1. REMOVE AND REINSTALL EXISTING CEILING TILES AS NEEDED TO INSTALL NEW EQUIPMENT. REPLACE ANY TILES THAT ARE REMOVED AND HAVE EXISTING DAMAGE AS WELL AS ANY TILES THAT ARE DAMAGED IN THE COURSE OF THE WORK. WHERE 50% OR MORE OF THE TILES ARE REMOVED IN CEILINGS OVER 144 SF , THE CEILING MUST BE EVALUATED FOR COMPLIANCE WITH THE SEISMIC PROVISIONS OF ASCE 7. UPGRADE SEISMIC BRACING TO COMPLY WITH ASCE 7 AND THE REQUIREMENTS OF 2018 IEBC SECTION 302.8 AS LOCALLY AMENDED.
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ADDITIVE ALTERNATES

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RCP LEGEND

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- C1 - NEW 2x4 ACOUSTIC CEILING TILE
- C3 - NEW 1'x4' SUSPENDED ACT CEILING
- C4(E) - EXISTING GWB CEILING (SUSPENDED UNLESS NOTED OTHERWISE)
- C4 - NEW PAINTED GWB CEILING (SUSPENDED UNLESS NOTED OTHERWISE)
- EXISTING LIGHT FIXTURE; SIZE AND TYPE VARY - SEE ELECTRICAL
- NEW LIGHT FIXTURE; SIZE AND TYPE VARY - SEE ELECTRICAL.
- NEW VENTILATION SUPPLY OR RETURN; SIZE AND TYPE VARY - SEE MECHANICAL.

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
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IF NOT 1 INCH, SCALE ACCORDINGLY

Designed by:	MG
Checked by:	BAM
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
FIRST FLOOR RCP

Sheet Number
A904

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
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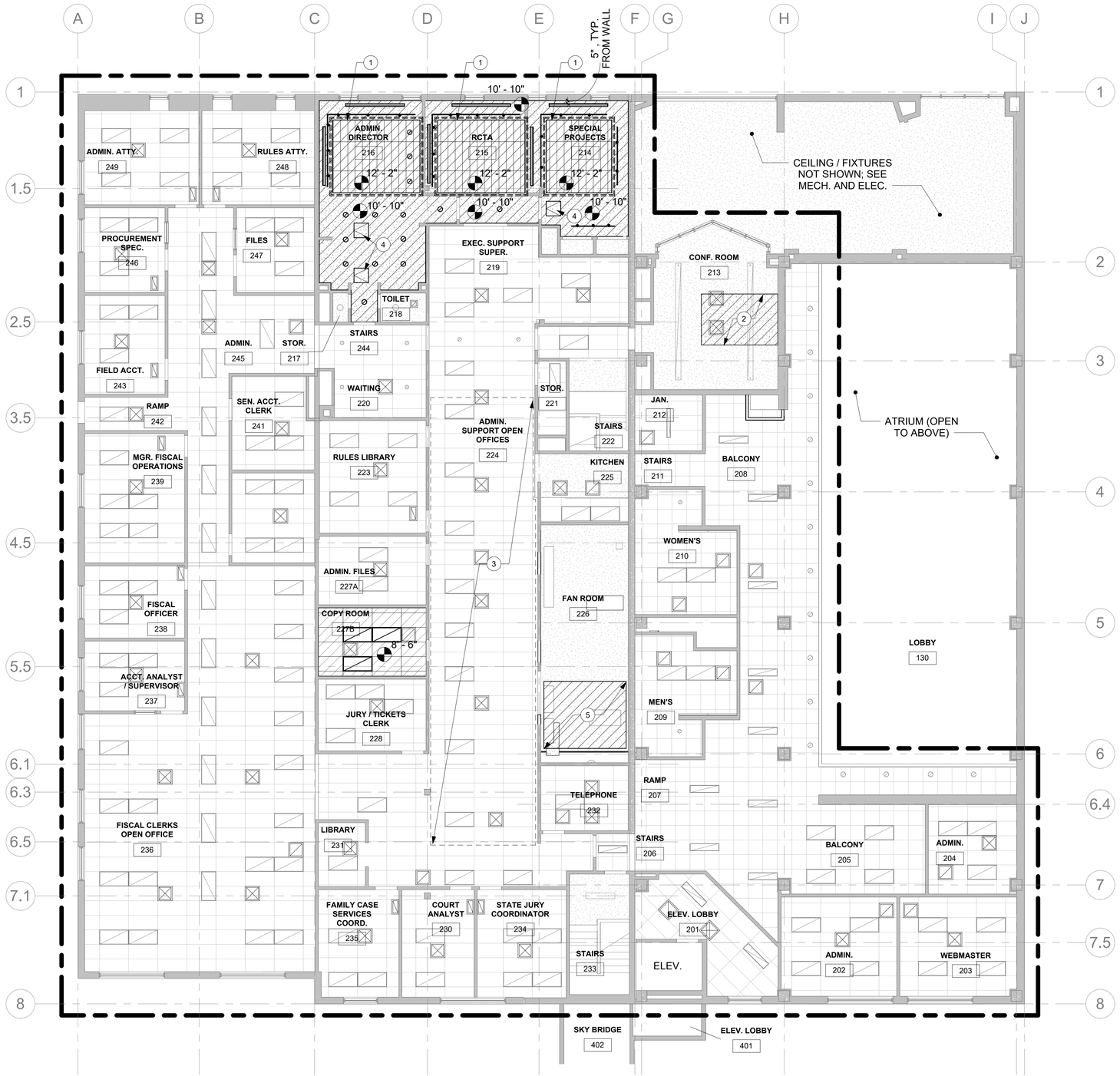

1 SECOND FLOOR RCP
1/8" = 1'-0"

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KEYNOTES - SECOND FLOOR RCP

1 INSTALL NEW CEILING AROUND EXISTING RECESS/COVE STRUCTURE. INSTALL NEW LIGHTING IN COVER PER ELECTRICAL
2 PATCH GWB CEILING WHERE DEMOLISHED; MATCH AND FEATHER INTO SURROUNDING TEXTURE; PAINT ENTIRE CEILING
3 INSTALL GWB ON UNDERSIDE OF JOISTS WHERE DEMOLISHED FOR STRUCTURAL WORK
4 INSTALL 24"X24" ACCESS DOOR; PAINT TO MATCH SURROUNDING CEILING
5 PATCH GWB ON UNDERSIDE OF JOISTS WHERE ASSEMBLY WAS TEMPORARILY REMOVED FOR AHU INSTALLATION

REFLECTED CEILING PLAN GENERAL NOTES

1. REMOVE AND REINSTALL EXISTING CEILING TILES AS NEEDED TO INSTALL NEW EQUIPMENT. REPLACE ANY TILES THAT ARE REMOVED AND HAVE EXISTING DAMAGE AS WELL AS ANY TILES THAT ARE DAMAGED IN THE COURSE OF THE WORK. WHERE 50% OR MORE OF THE TILES ARE REMOVED IN CEILINGS OVER 144 SF , THE CEILING MUST BE EVALUATED FOR COMPLIANCE WITH THE SEISMIC PROVISIONS OF ASCE 7. UPGRADE SEISMIC BRACING TO COMPLY WITH ASCE 7 AND THE REQUIREMENTS OF 2018 IEBC SECTION 302.8 AS LOCALLY AMENDED.
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ADDITIVE ALTERNATES

ADDITIVE ALTERNATE #1
DEMOLISH ALL 2'X4' ACT CEILINGS IN THE OUTLINED AREA. INSTALL NEW 2'X4' ACT CEILING IN SAME LOCATION AND HEIGHT AS DEMOLISHED 2'X4' ACT CEILINGS. TYPE C1(E) LOCATIONS SHALL BE REPLACED WITH TYPE C1, AND TYPE C2(E) SHALL BE REPLACED WITH TYPE C2.

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RCP LEGEND

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- C2(E) - EXISTING 2'x4' SUSPENDED ACT CEILING W/ TEGULAR EDGE "2X2 LOOK" TILES
- C1 - NEW 2x4 ACOUSTIC CEILING TILE
- C3 - NEW 1'x4' SUSPENDED ACT CEILING
- C4(E) - EXISTING GWB CEILING (SUSPENDED UNLESS NOTED OTHERWISE)
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Checked by:	BAM
AMC Project:	21805
Date:	08/08/2022

Project Phase
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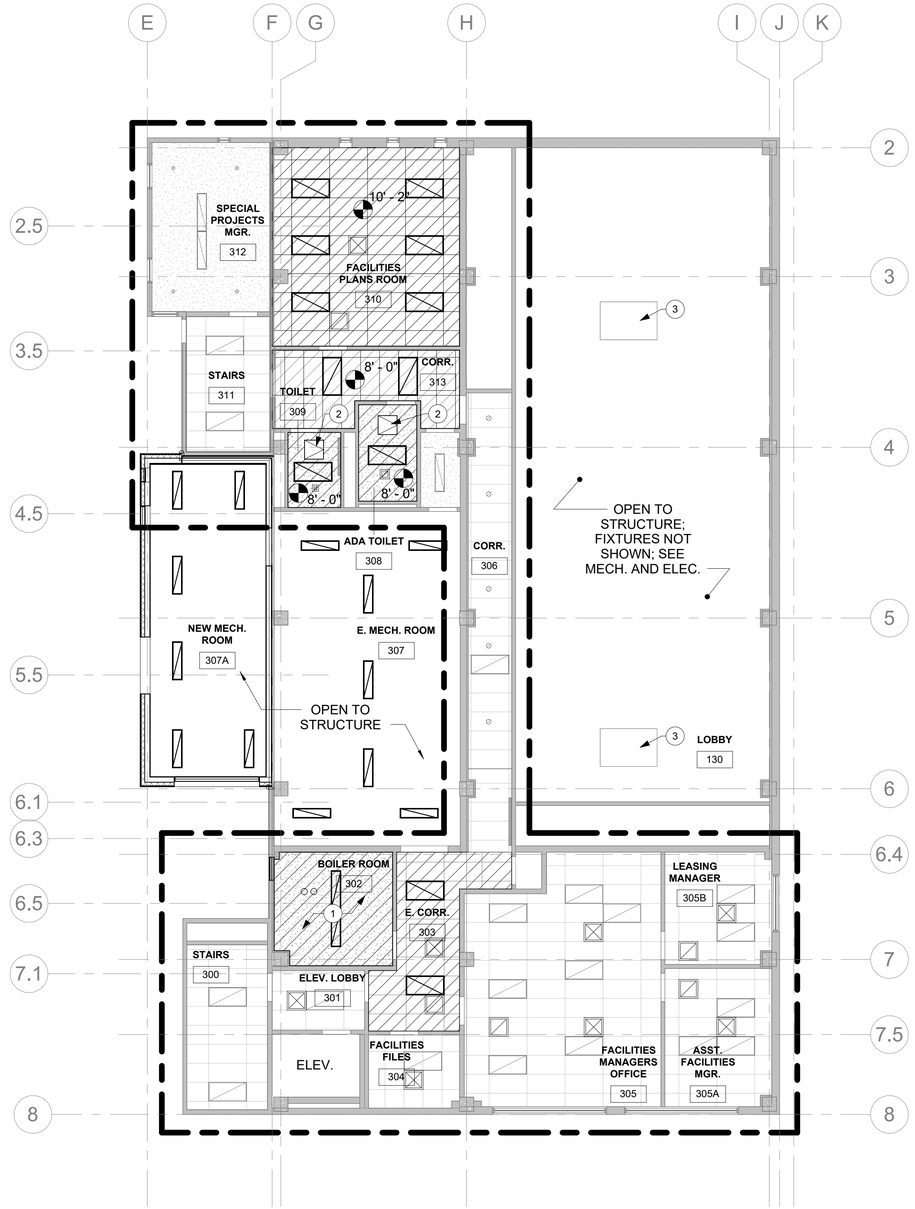
Sheet Title
SECOND FLOOR RCP

Sheet Number
A905



1 THIRD FLOOR RCP
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KEYNOTES - THIRD FLOOR RCP

1 INSTALL NEW GWB CEILING ON METAL CHANNELS DIRECTLY TO THE BOTTOM OF EXISTING JOISTS; SEAL AROUND EDGES AND PENETRATIONS FOR SMOKE RESISTANCE
2 INSTALL 24X24 ACCESS DOOR; PAINT TO MATCH CEILING; COORDINATE OPENINGS WITH MECHANICAL
3 PAINT CURB INFILL STRUCTURE TO MATCH SURROUNDING

REFLECTED CEILING PLAN GENERAL NOTES

1. REMOVE AND REINSTALL EXISTING CEILING TILES AS NEEDED TO INSTALL NEW EQUIPMENT. REPLACE ANY TILES THAT ARE REMOVED AND HAVE EXISTING DAMAGE AS WELL AS ANY TILES THAT ARE DAMAGED IN THE COURSE OF THE WORK. WHERE 50% OR MORE OF THE TILES ARE REMOVED IN CEILINGS OVER 144 SF , THE CEILING MUST BE EVALUATED FOR COMPLIANCE WITH THE SEISMIC PROVISIONS OF ASCE 7. UPGRADE SEISMIC BRACING TO COMPLY WITH ASCE 7 AND THE REQUIREMENTS OF 2018 IEBC SECTION 302.8 AS LOCALLY AMENDED.
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- C1 - NEW 2x4 ACOUSTIC CEILING TILE
- C3 - NEW 1'x4' SUSPENDED ACT CEILING
- C4(E) - EXISTING GWB CEILING (SUSPENDED UNLESS NOTED OTHERWISE)
- C4 - NEW PAINTED GWB CEILING (SUSPENDED UNLESS NOTED OTHERWISE)
- EXISTING LIGHT FIXTURE; SIZE AND TYPE VARY - SEE ELECTRICAL
- NEW LIGHT FIXTURE; SIZE AND TYPE VARY - SEE ELECTRICAL.
- NEW VENTILATION SUPPLY OR RETURN; SIZE AND TYPE VARY - SEE MECHANICAL.

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STATE OF ALASKA 49 TH
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No. A-140412
08.08.2022
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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
IF NOT 1 INCH, SCALE ACCORDINGLY

Designed by:	MG
Checked by:	BAM
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
THIRD FLOOR RCP

Sheet Number
A906

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
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NOTIFICATION OF POTENTIAL HAZARDS

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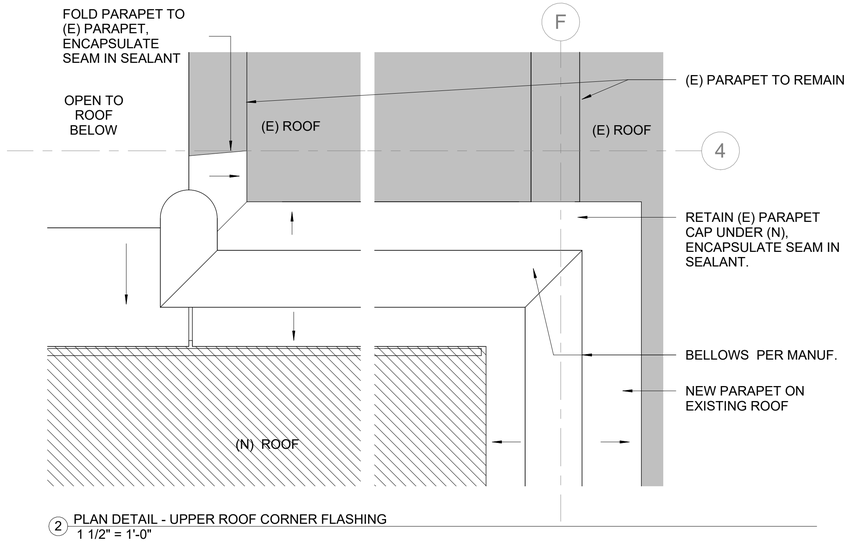
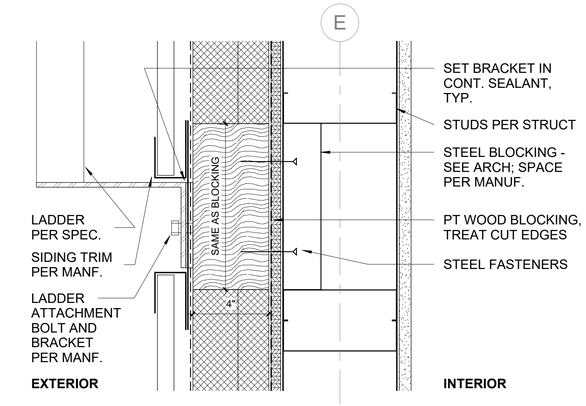
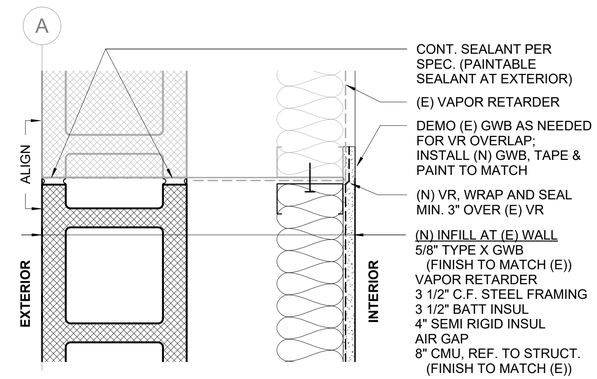


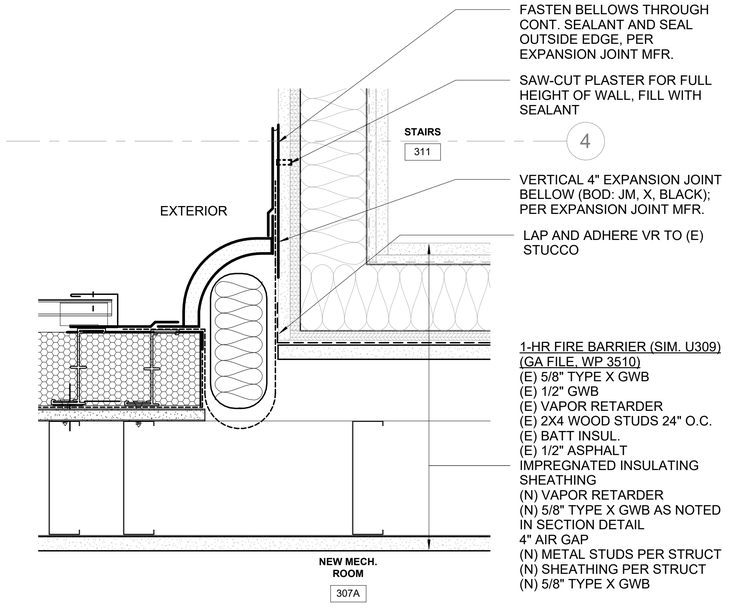
2 PLAN DETAIL - UPPER ROOF CORNER FLASHING
1 1/2" = 1'-0"



4 PLAN DETAIL - LADDER ATTACHMENT
3" = 1'-0"



3 PLAN DETAIL - INFILL AT 1ST FLOOR EXTERIOR WALL
3" = 1'-0"



1 PLAN DETAIL - NEW WALL AT (E) RATED STAIR ENCLOSURE
3" = 1'-0"

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

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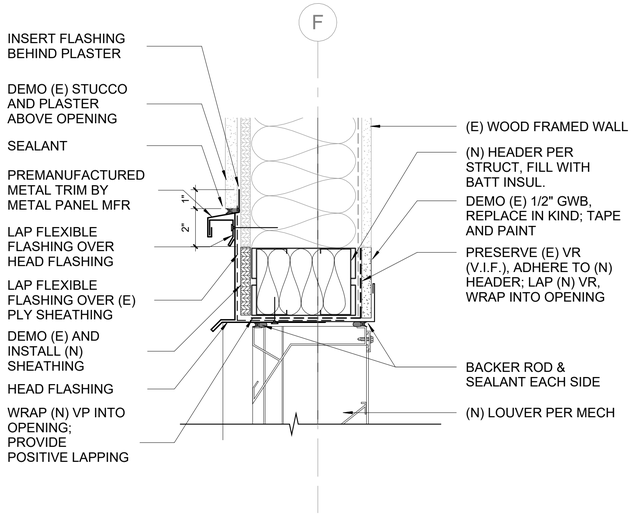
Designed by:	CWR, SSW
Checked by:	MG
AMC Project:	21805
Date:	08/08/2022

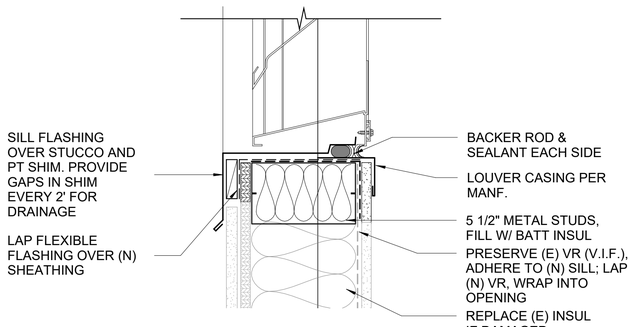
Project Phase
PERMIT DRAWINGS

Sheet Title
EXTERIOR DETAILS - PLAN

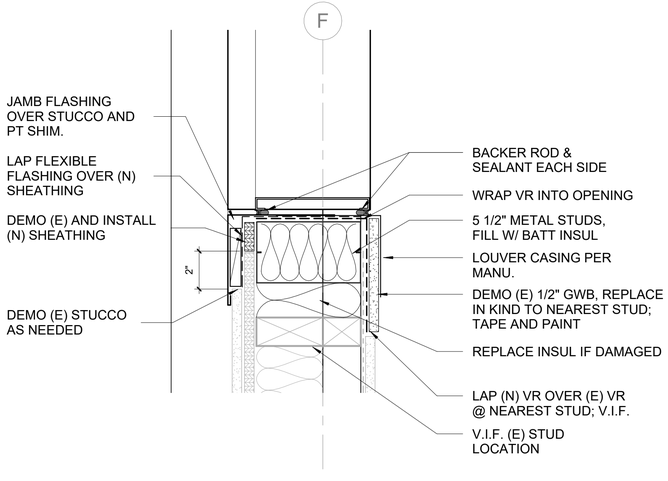
Sheet Number
A1011

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
PLOTTED: 8/9/2022 5:31:40 PM

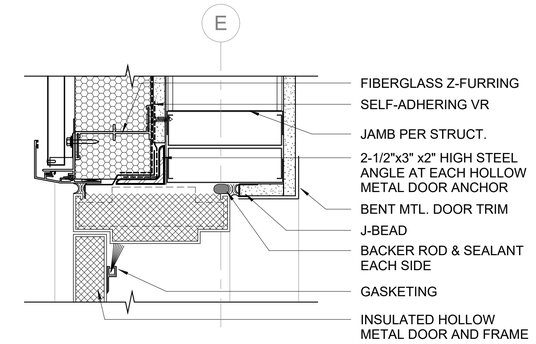




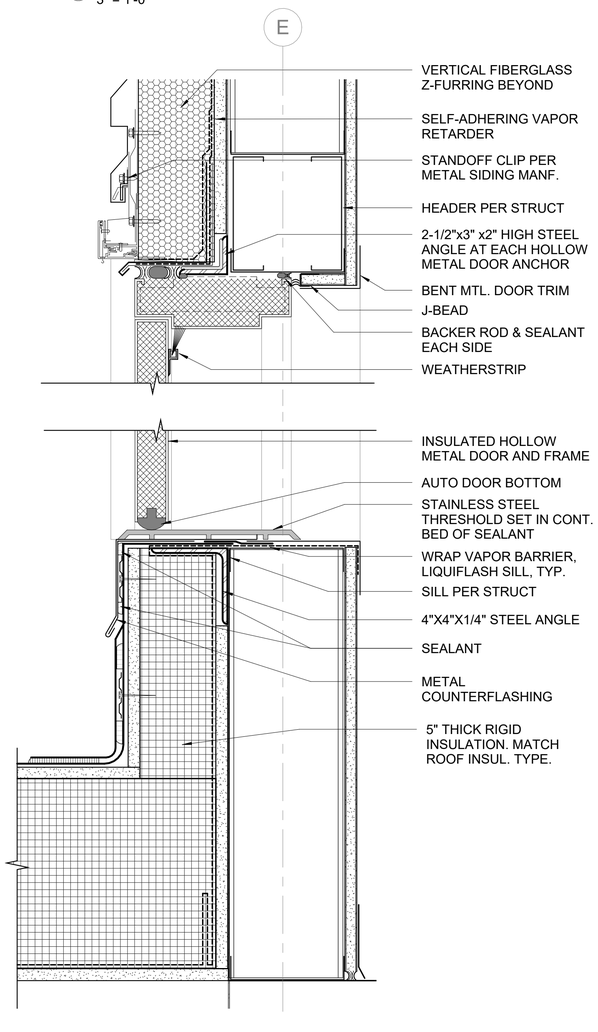
6 SECTION DETAIL - (N) LOUVER HEAD/SILL IN (E) WALL
3" = 1'-0"



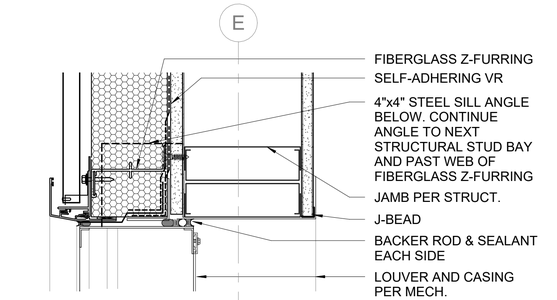
5 PLAN DETAIL - (N) LOUVER JAMB IN (E) WALL
3" = 1'-0"



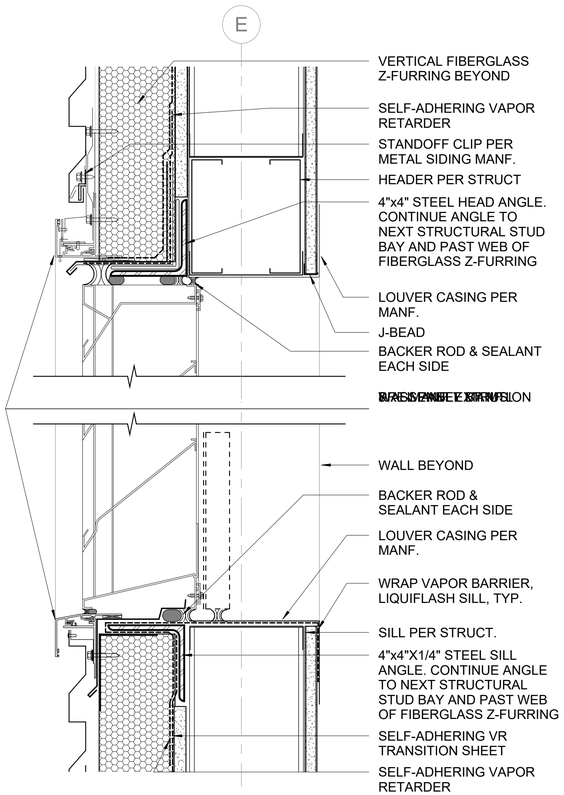
4 PLAN DETAIL - TYP. EXT. DOOR JAMB
3" = 1'-0"



3 SECTION DETAIL - TYP. EXT. DOOR HEAD/SILL
3" = 1'-0"



2 PLAN DETAIL - NEW LOUVER JAMB
3" = 1'-0"



1 SECTION DETAIL - NEW LOUVER HEAD/SILL
3" = 1'-0"

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NOTIFICATION OF POTENTIAL HAZARDS

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
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Designed by:	SSW, CWR
Checked by:	MG
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
EXTERIOR DETAILS - OPENINGS

Sheet Number
A1012

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
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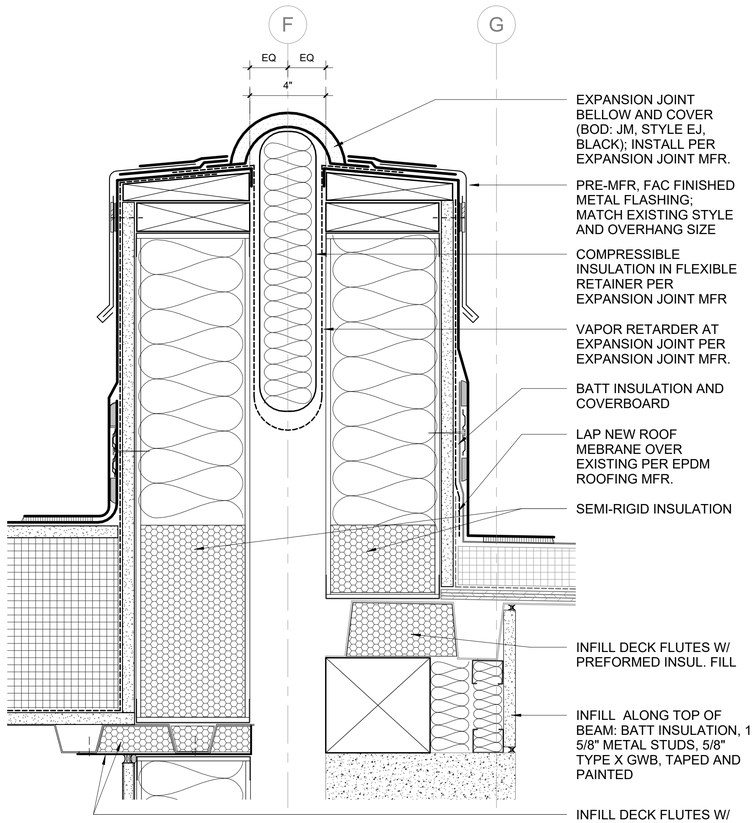
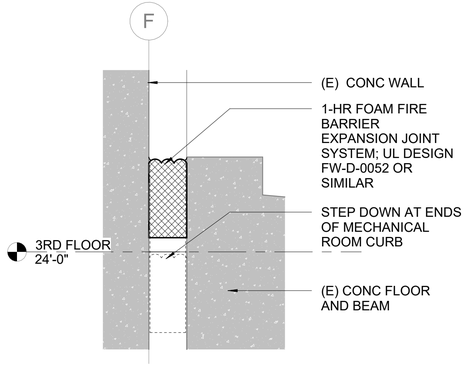
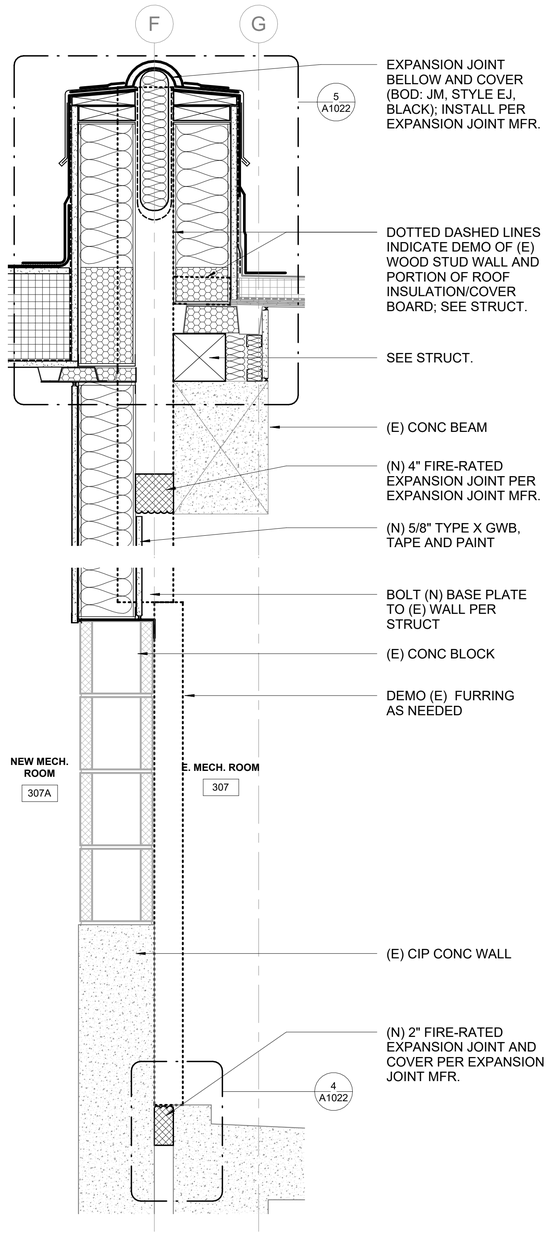


5 SECTION DETAIL - (N) PARAPET @ (E) ROOF
3" = 1'-0"

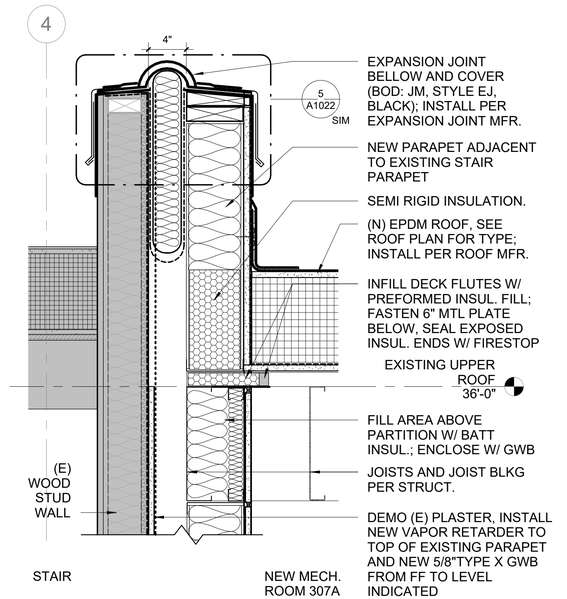


NOTE:
1. INSTALL PER LISTING AND MANUFACTURER INSTRUCTIONS.
2. AT ENDS, FIT SNUG AGAINST EXISTING BATT FILLER.

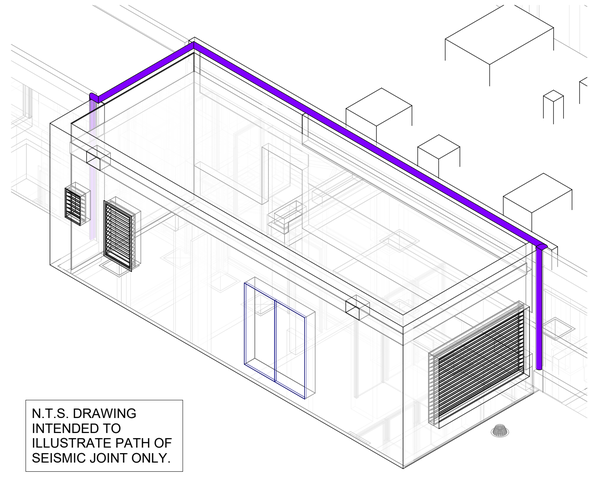
4 FIRESTOP JOINT SYSTEM AT (E) SLAB
3" = 1'-0"



3 NEW INT. WALL SECTION
1 1/2" = 1'-0"



2 SECTION DETAIL - PARAPET AT (E) STAIR AND (N) MECH RM
1 1/2" = 1'-0"



N.T.S. DRAWING INTENDED TO ILLUSTRATE PATH OF SEISMIC JOINT ONLY.

1 ISOMETRIC ILLUSTRATING EXPANSION JOINT

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ALASKA COURT SYSTEM SNOWDEN ADMIN BUILDING MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
IF NOT 1 INCH, SCALE ACCORDINGLY

Designed by:	CWR
Checked by:	MG
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
EXTERIOR DETAILS - EXPANSION JOINTS

Sheet Number
A1022

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
PLOTTED: 8/8/2022 5:31:42 PM

ROOF DETAIL NOTES

1. ROOF MEMRANE DETAIL CONDITIONS ARE DESCRIBED FOR SCOPING PURPOSES. CONFIRM ACTUAL DETAILS AND PRODUCTS ARE IN ACCORDANCE WITH ROOF MEMBRANE MFR'S APPROVED DETAILS
2. AT ALL TIE-IN CONDITIONS CLEAN AND PREPARE EXISTING MEMBRANE AS REQUIRED IN ROOF MEMBRANE MFR'S APPROVED DETAILS.
3. EXISTING ROOFING ASSUMED EPDM, VIF.
4. WHERE ROOF VAPOR BARRIER IS DEMOLISHED, ENSURE POSITIVE LAP AND SEAL BETWEEN (E) AND (N) VAPOR RETARDERS.

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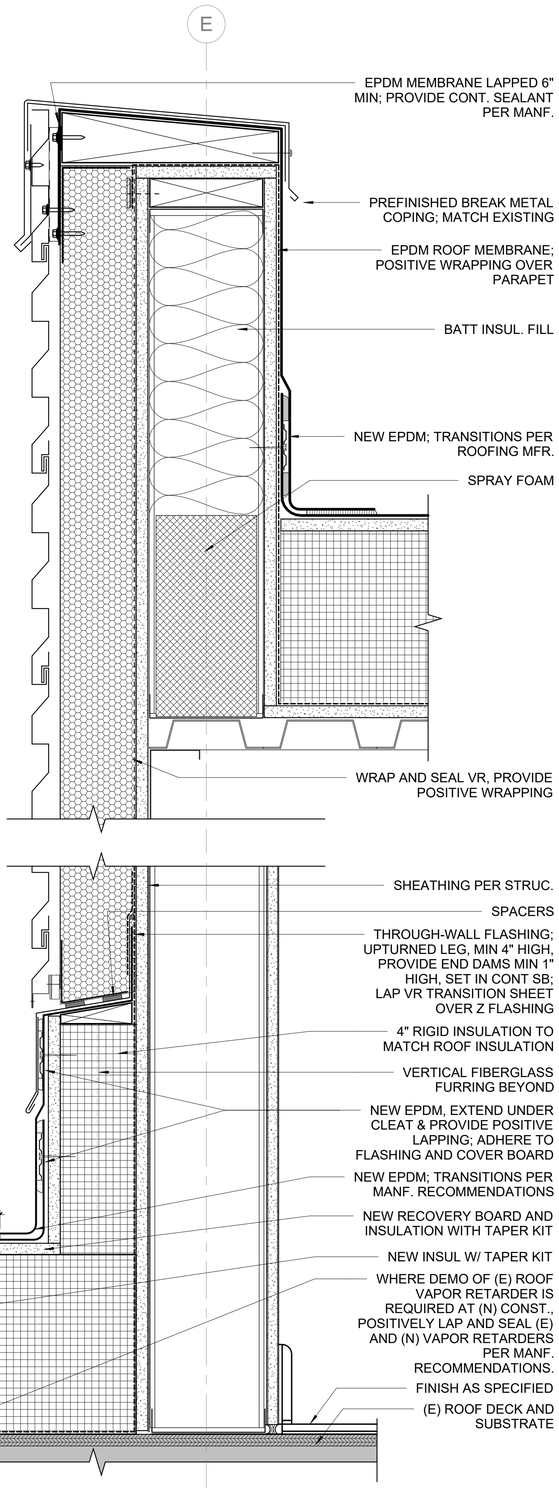
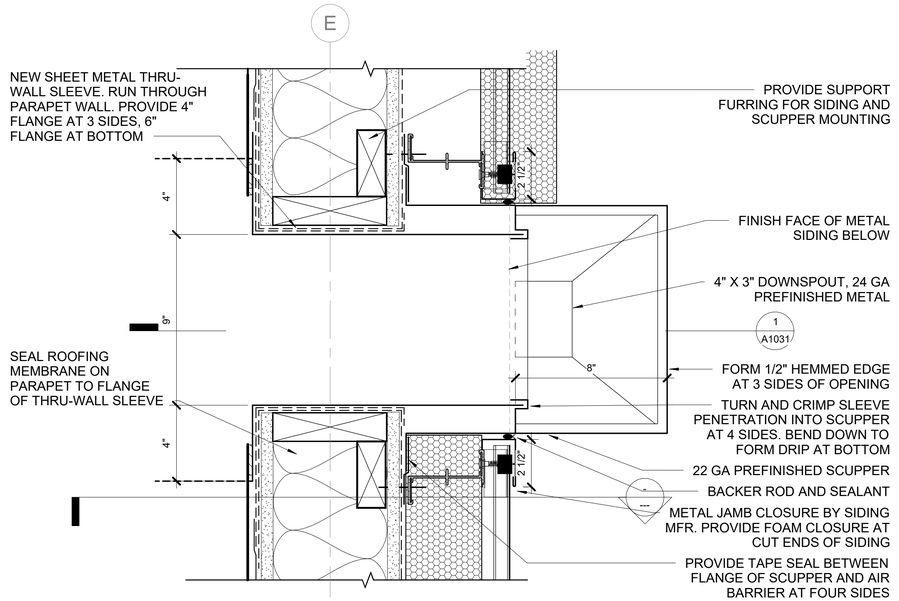
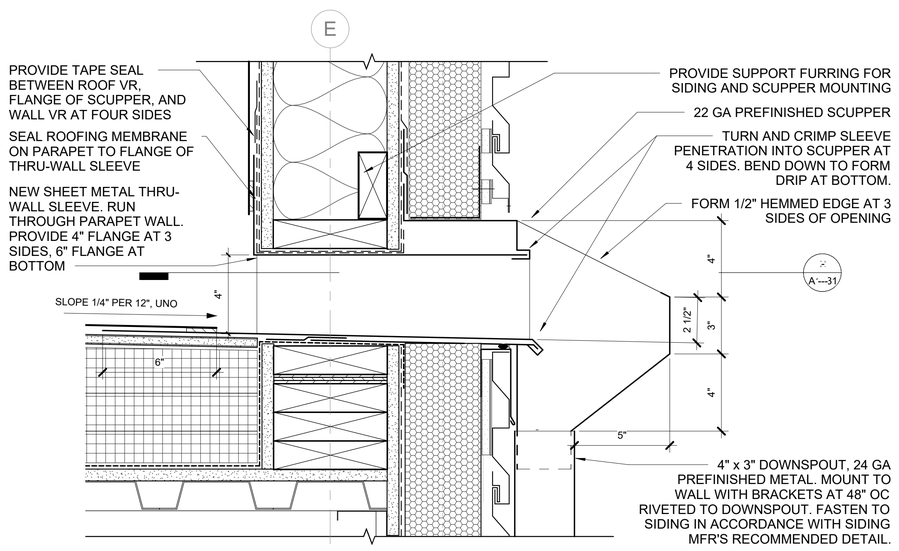


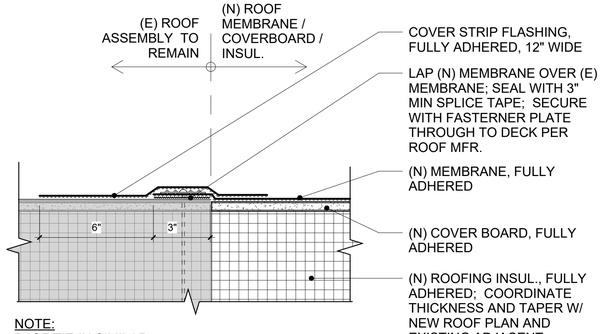
3 WALL SECTION - NEW 307A WEST
3" = 1'-0"



2 PLAN DETAIL - SCUPPER
3" = 1'-0"



1 SECTION DETAIL - SCUPPER
3" = 1'-0"



NOTE:
BASE TIE-IN SIMILAR

4 SECTION DETAIL - TYP. ROOF TIE-IN DETAIL
3" = 1'-0"

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions		
No.	Date	Description

1 INCH AT FULL SIZE
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Designed by:	SSW
Checked by:	MG
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
EXTERIOR DETAILS - ROOF

Sheet Number
A1031

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
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ROOF DETAIL NOTES

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3. EXISTING ROOFING ASSUMED EPDM. VIF.
4. WHERE ROOF VAPOR BARRIER IS DEMOLISHED, ENSURE POSITIVE LAP AND SEAL BETWEEN (E) AND (N) VAPOR RETARDERS.

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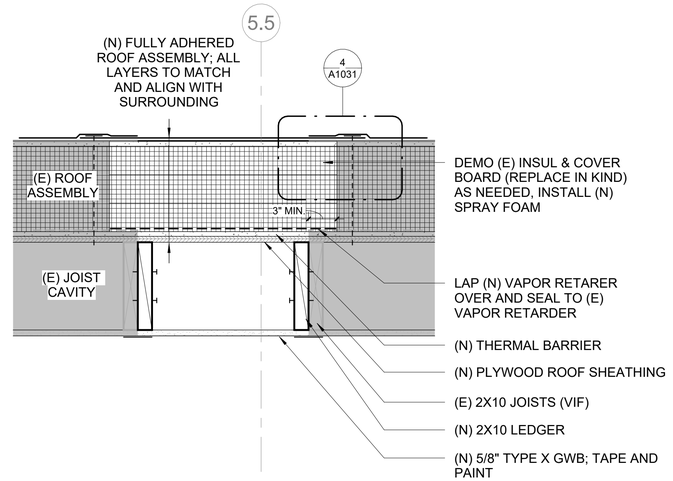
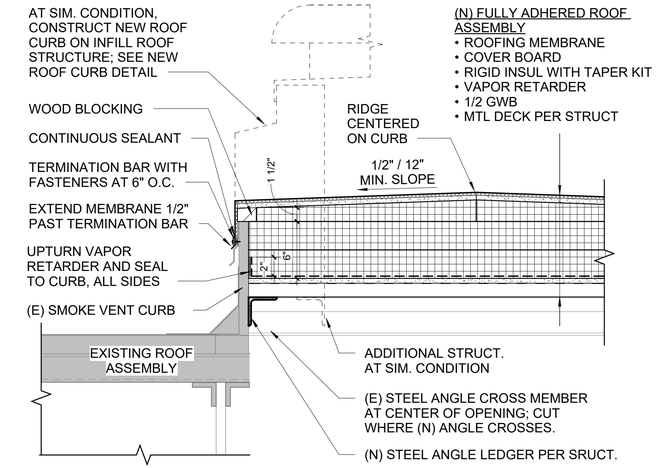
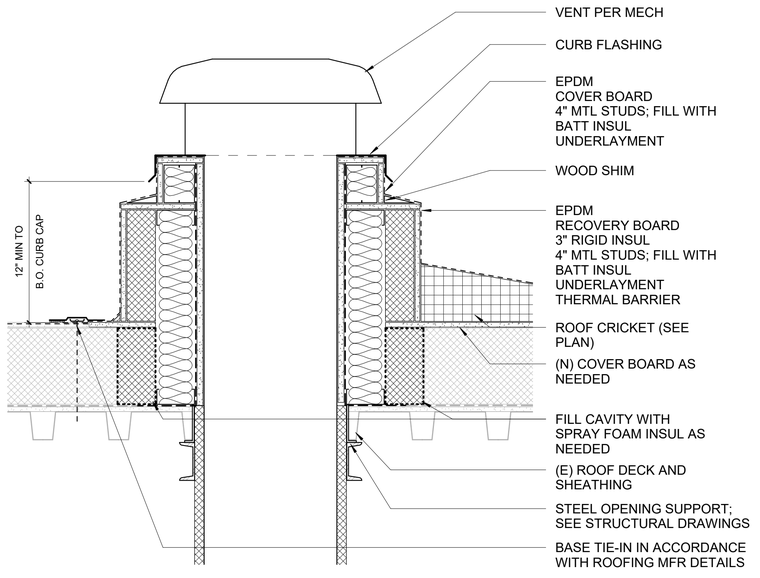


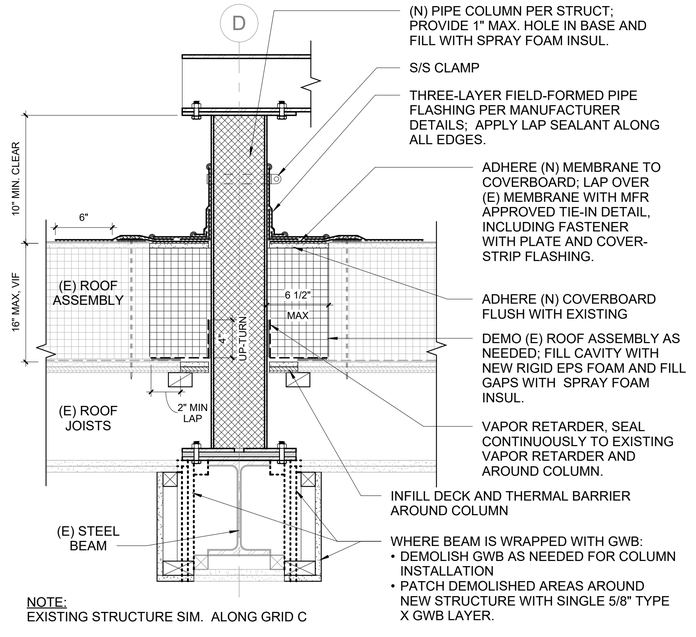
4 SECTION DETAIL - ROOF INFILL PATCH
1 1/2" = 1'-0"



2 SECTION DETAIL - SMOKE VENT INFILL
1 1/2" = 1'-0"



3 SECTION DETAIL - TYP. NEW ROOF CURB
1 1/2" = 1'-0"



NOTE:
EXISTING STRUCTURE SIM. ALONG GRID C

1 SECTION DETAIL - TYP. COLUMN PENETRATION
1 1/2" = 1'-0"

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ALASKA COURT SYSTEM
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Revisions

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Project Phase
PERMIT DRAWINGS

Sheet Title
EXTERIOR DETAILS - ROOF PENETRATIONS

Sheet Number
A1032

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
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HARDWARE GROUPS

DOOR 226
- DOOR: NEW WD SINGLE DOOR, FLUSH; TYPE, SIZE, AND FINISH TO MATCH EXISTING ADJACENT DOORS, VIF.
- FRAME: ETR.
- HARDWARE: EXISTING TO BE REINSTALLED ON NEW DOOR AND EXISTING FRAME.

DOOR 227B
- DOOR: ETR.
- FRAME: ETR.
- HARDWARE: ETR EXCEPT FOR LOCKSET.
  a. COORDINATE WITH OWNER REGARDING REQUIRED FUNCTION OF HARDWARE. IF EXISTING HARDWARE FUNCTION NEEDS TO CHANGE, VERIFY IF HARDWARE FROM DEMOLISHED DOORS CAN BE USED.

DOORS 307A & 307B
- DOOR: NEW IHM SINGLE DOOR, FLUSH; SEE SPEC.
- FRAME: ETR.
- HARDWARE:
  a. EXISTING TO BE REINSTALLED ON NEW DOOR AND EXISTING FRAME.
  b. NEW ACOUSTIC GASKETTING AND AUTO DOOR BOTTOMS.

DOOR 307C
- DOOR: NEW IHM DOUBLE DOOR, FLUSH; SEE SPEC.
- FRAME: NEW IHM FRAME, 2" PROFILE; SEE SPEC AND DETAILS.
- HARDWARE: NEW HARDWARE; SEE HW GROUP AND DETAILS.
  a. HW-307C:
     - 6 EA HEAVY DUTY BUTTS
     - 1 EA REMOVEABLE MULLION
     - 1 EA AUTO FLUSH BOLT SET
     - 1 EA MORTISE LOCKSET (ACTIVE DOOR)
     - 2 EA CYLINDERS
     - 2 EA HEAVY DUTY CLOSERS WITH INTEGRATED STOP
     - 2 EA KICKPLATES
     - 2 EA RECESSED DOOR BOTTOM
     - 8 EA PERIMETER WEATHER STRIP (BRUSH), INTERIOR SIDE
     - 1 EA EXTERIOR SADDLE THRESHOLD

DOOR, FRAME, & HARDWARE INFORMATION

GENERAL DOOR & FRAME INFORMATION:
A. SEE PROJECT MANUAL FOR DOOR & FRAME SPECIFICATIONS.
B. SEE DETAILS FOR ADDITIONAL INFORMATION.
C. SEE CODE SHEET FOR FIRE RATING OF WALL / PARTITION. IF APPLICABLE, MATCH DOOR / FRAME RATING ACCORDINGLY.

GENERAL HARDWARE INFORMATION:
A. ALL HARDWARE TO BE GRADE 1.
B. SEE CODE SHEET FOR FIRE RATING OF WALL / PARTITION. WHERE APPLICABLE, MATCH HARDWARE RATING ACCORDINGLY.
C. ALL HARDWARE, INCLUDING CORES, TO HAVE FINISH MATCHING EXISTING HARDWARE AS CLOSE AS POSSIBLE; VIF.
D. ALL LOCKSETS AND LEVER SETS SHALL HAVE LEVER TYPE HANDLES.
E. ALL LOCKSETS TO HAVE INTERCHANGEABLE CYLINDERS.
F. ALL LOCKS SHOULD BE KEYED AND MASTERKEYED INTO THE MASTERKEY SYSTEM. COORDINATE WITH OWNER. PROVIDE KEYS PER LOCK AND ADDITIONAL MASTERKEYS. QUANTITIES TO BE DECIDED BY OWNER. COORDINATE AND VERIFY REKEYING PLAN WITH OWNER.
G. SALVAGE EXISTING HARDWARE FROM DEMOLISHED DOORS TO ALLOW FOR TEMPORARY HARWARE STOCK. DISPOSE OF UNUSED SALVAGED HARDWARE AFTER NEW AND EXISTING HARDWARE IS INSTALLED.

MOA ePlan Stamp

NOTIFICATION OF POTENTIAL HAZARDS

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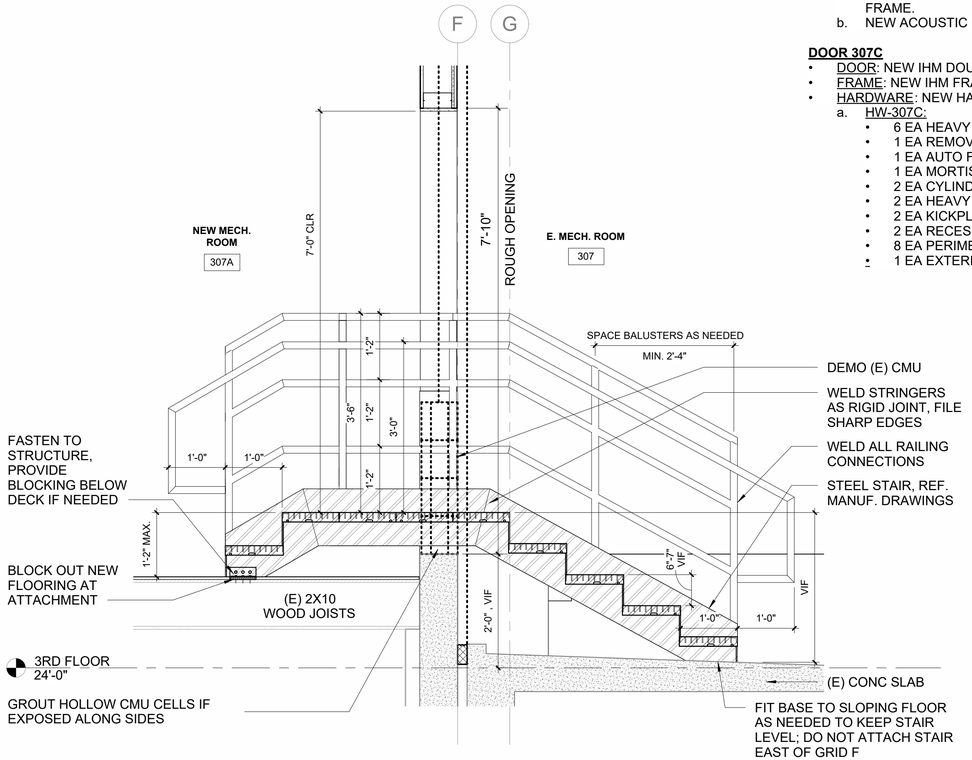
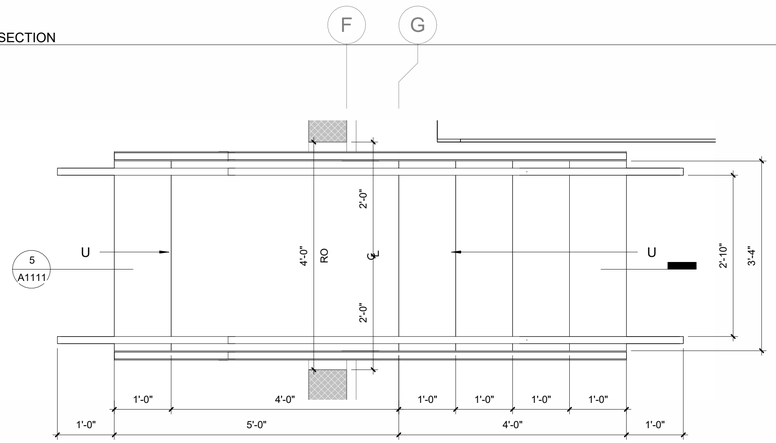
DOOR & HARDWARE ABBREVIATIONS

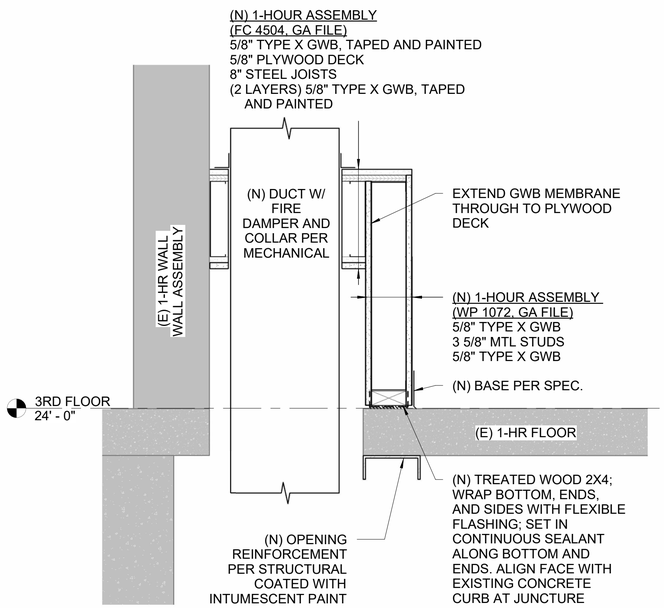
AL	ALUMINUM
E/EX	EXISTING
ETR	EXISTING TO REMAIN
F	FLUSH
FAC	FACTORY
FRP	FIBERGLASS REINFORCED POLYESTER
HM	HOLLOW METAL
HW	HARDWARE
IHM	INSULATED HOLLOW METAL
KD	KNOCK DOWN
MANF	MANUFACTURER
MTL	METAL
N	NEW
PT	PAINT
SS	STAINLESS STEEL
STL	STEEL
WD	WOOD



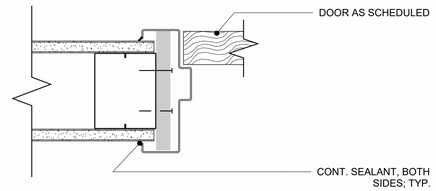
5 NEW STAIR SECTION
3/4" = 1'-0"



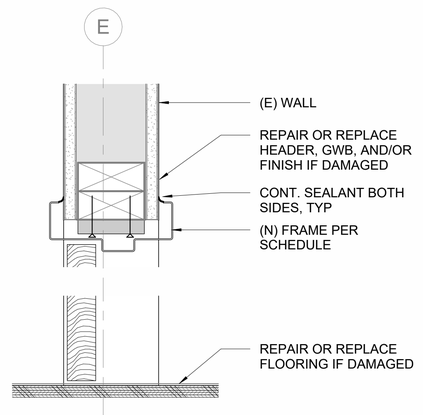
4 ENLARGED STAIR PLAN
3/4" = 1'-0"



3 SECTION DETAIL - NEW RATED ENCLOSURE
1 1/2" = 1'-0"



2 PLAN DETAIL-JAMB AT STUD WALL, TYP.
3" = 1'-0"



1 SECTION DETAIL - TYP. INT. DOOR HEAD/SILL
3" = 1'-0"

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JUSTIN M. SCANIO
No. A-140412
08.08.2022
PROFESSIONAL ENGINEER

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3909 ARCTIC BLVD., STE 100
ANCHORAGE, AK 99503
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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
IF NOT 1 INCH, SCALE ACCORDINGLY

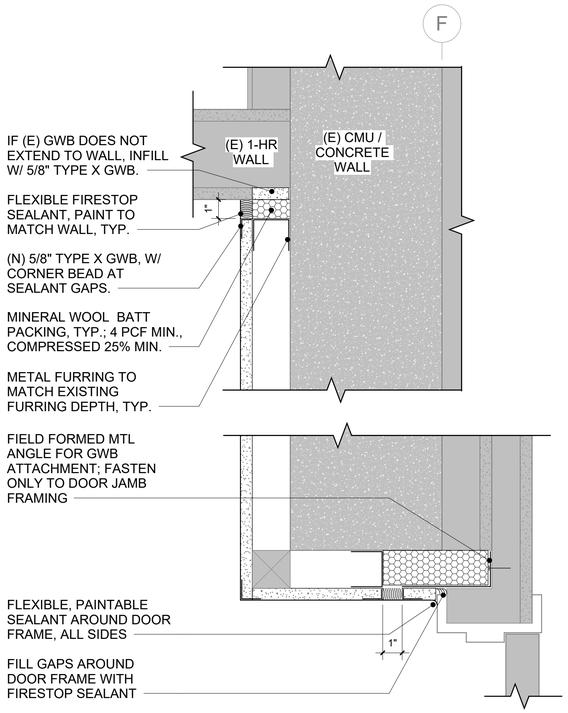
Designed by:	CWR
Checked by:	MG
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
INTERIOR DETAILS & DOOR HARDWARE NOTES

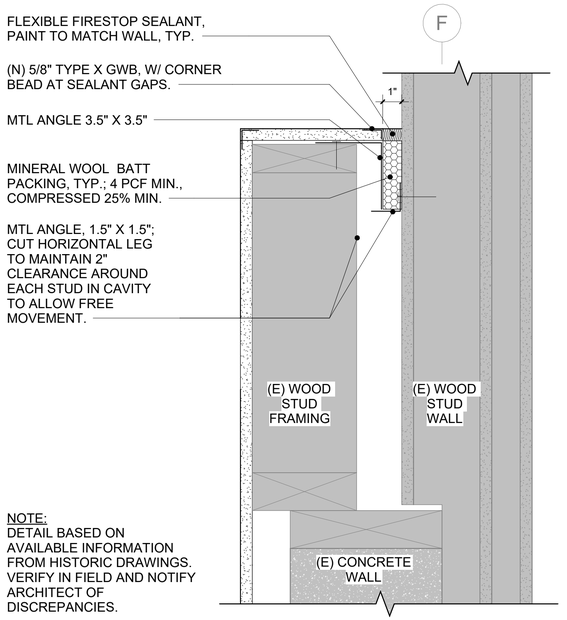
Sheet Number
A1111

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
PLOTTED: 8/8/2022 5:31:46 PM



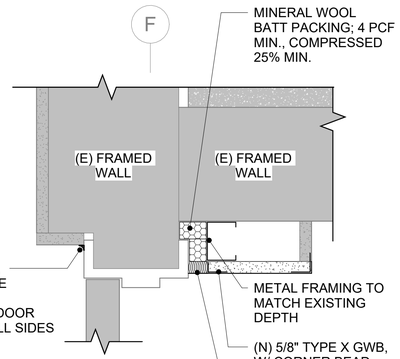
NOTE:
DETAIL BASED ON AVAILABLE INFORMATION FROM HISTORIC DRAWINGS. VERIFY IN FIELD AND NOTIFY ARCHITECT OF DISCREPANCIES.

9 PLAN DETAIL - STAIRS 311- CONTROL JOINTS AT ENDS OF LEDGE
3" = 1'-0"



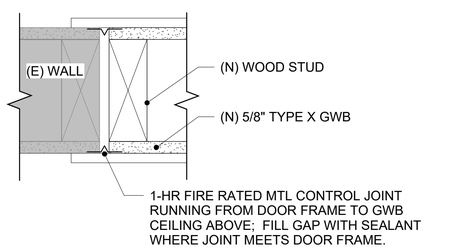
NOTE:
DETAIL BASED ON AVAILABLE INFORMATION FROM HISTORIC DRAWINGS. VERIFY IN FIELD AND NOTIFY ARCHITECT OF DISCREPANCIES.

8 SECTION DETAIL - STAIRS 311- CONTROL JOINT AT TOP OF LEDGE
3" = 1'-0"

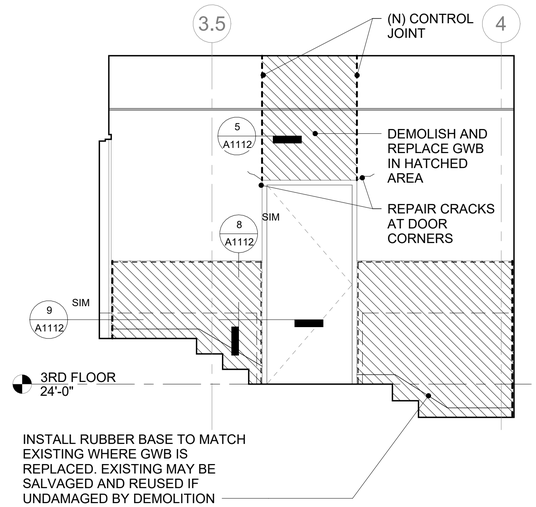


NOTE:
- SIM. AT HEAD AND OPPOSITE JAMB
- DETAIL BASED ON AVAILABLE INFORMATION FROM HISTORIC DRAWINGS. VERIFY IN FIELD AND NOTIFY ARCHITECT OF DISCREPANCIES.

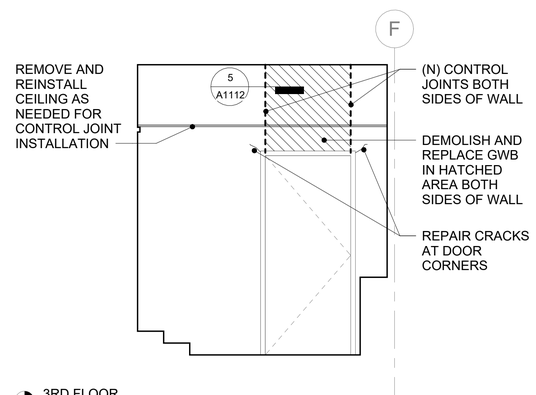
6 PLAN DETAIL - STAIRS 300 - CONTROL JOINTS AT DOOR JAMBS AND HEAD
3" = 1'-0"



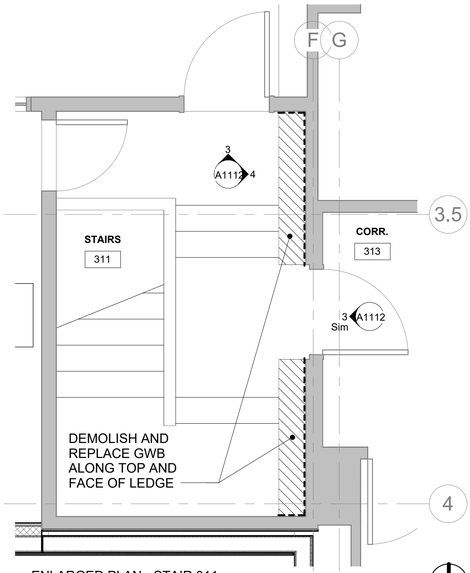
5 PLAN DETAIL - TYPICAL CONTROL JOINT ABOVE DOOR
3" = 1'-0"



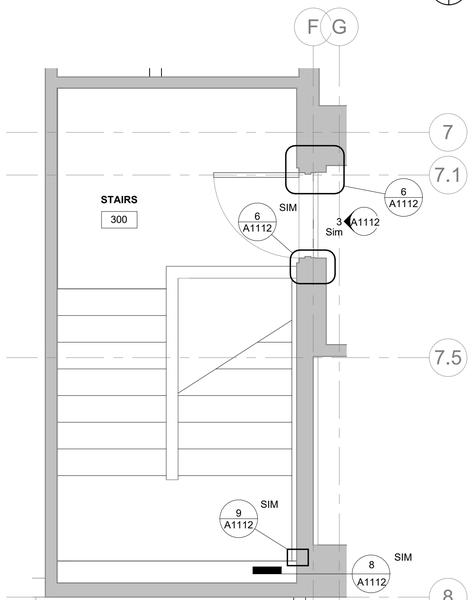
4 INTERIOR ELEVATION - STAIRS 311 - EAST
3/8" = 1'-0"



3 INTERIOR ELEVATION - STAIRS 311 - NORTH
3/8" = 1'-0"



2 ENLARGED PLAN - STAIR 311
3/8" = 1'-0"



1 ENLARGED PLAN - STAIR 300
3/8" = 1'-0"

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
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Designed by:	CWR
Checked by:	MG
AMC Project:	21805
Date:	08/08/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
INTERIOR DETAILS - STAIRWAY CONTROL JOINTS

Sheet Number
A1112

FILE NAME: C:\Users\mgarrod\Documents\22-0001.00 ACS Snowden Building_v22_milesgW9XRG.rvt
PLOTTED: 8/8/2022 5:31:47 PM

DEMOLITION NOTES

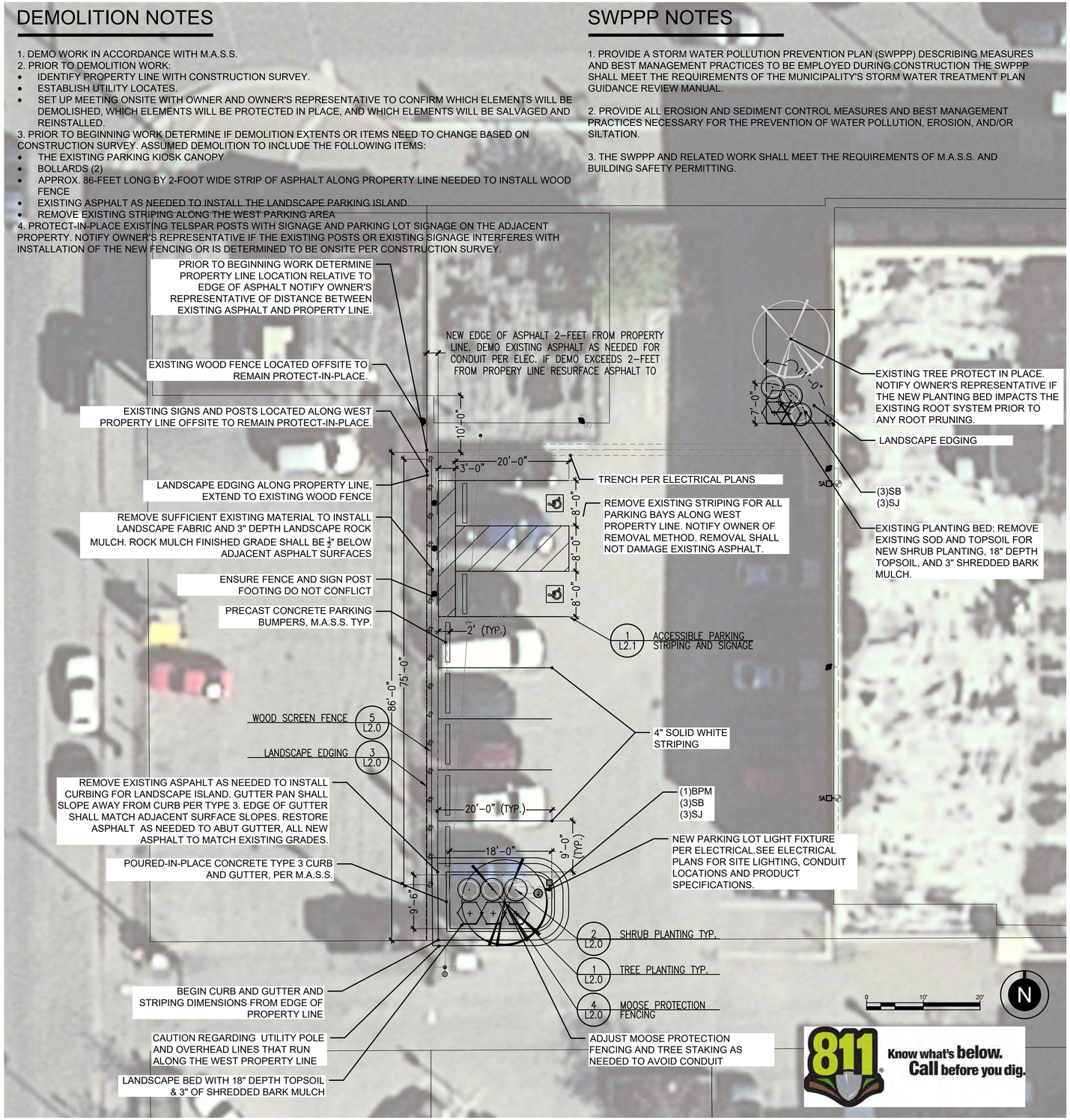
1. DEMO WORK IN ACCORDANCE WITH M.A.S.S.
2. PRIOR TO DEMOLITION WORK:
   - IDENTIFY PROPERTY LINE WITH CONSTRUCTION SURVEY.
   - ESTABLISH UTILITY LOCATES.
   - SET UP MEETING ONSITE WITH OWNER AND OWNER'S REPRESENTATIVE TO CONFIRM WHICH ELEMENTS WILL BE DEMOLISHED, WHICH ELEMENTS WILL BE PROTECTED IN PLACE, AND WHICH ELEMENTS WILL BE SALVAGED AND REINSTALLED.
3. PRIOR TO BEGINNING WORK DETERMINE IF DEMOLITION EXTENTS OR ITEMS NEED TO CHANGE BASED ON CONSTRUCTION SURVEY. ASSUMED DEMOLITION TO INCLUDE THE FOLLOWING ITEMS:
   - THE EXISTING PARKING KIOSK CANOPY
   - BOLLARDS (2)
   - APPROX. 86-FEET LONG BY 2-FOOT WIDE STRIP OF ASPHALT ALONG PROPERTY LINE NEEDED TO INSTALL WOOD FENCE
   - EXISTING ASPHALT AS NEEDED TO INSTALL THE LANDSCAPE PARKING ISLAND.
   - REMOVE EXISTING STRIPING ALONG THE WEST PARKING AREA
4. PROTECT-IN-PLACE EXISTING TELSPAR POSTS WITH SIGNAGE AND PARKING LOT SIGNAGE ON THE ADJACENT PROPERTY. NOTIFY OWNER'S REPRESENTATIVE IF THE EXISTING POSTS OR EXISTING SIGNAGE INTERFERES WITH INSTALLATION OF THE NEW FENCING OR IS DETERMINED TO BE ONSITE PER CONSTRUCTION SURVEY.

SWPPP NOTES

1. PROVIDE A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) DESCRIBING MEASURES AND BEST MANAGEMENT PRACTICES TO BE EMPLOYED DURING CONSTRUCTION THE SWPPP SHALL MEET THE REQUIREMENTS OF THE MUNICIPALITY'S STORM WATER TREATMENT PLAN GUIDANCE REVIEW MANUAL.

2. PROVIDE ALL EROSION AND SEDIMENT CONTROL MEASURES AND BEST MANAGEMENT PRACTICES NECESSARY FOR THE PREVENTION OF WATER POLLUTION, EROSION, AND/OR SILTATION.

3. THE SWPPP AND RELATED WORK SHALL MEET THE REQUIREMENTS OF M.A.S.S. AND BUILDING SAFETY PERMITTING.



SHEET INDEX

LOCATION MAP

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LANDSCAPE SCHEDULE

QTY	SYMBOL		SCIENTIFIC NAME	COMMON NAME	SIZE
1		BPM	BETUALA PAPYRIFERA (MULTI-STEM)	WHITE PAPER BIRCH MULTI-STEM	2" CAL.
6		SB	SPIREA BETULIFOLIA 'TOR'	TOR BIRCHLEAF SPIREA	18" HT.
6		SJ	SPIREA JAPONICA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA	24" HT.

SITE AND LANDSCAPE NOTES

1. ALL PLANT MATERIAL SHALL CONFORM TO AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1 (LATEST EDITION).
2. ALL WORK SHALL BE IN ACCORDANCE WITH MUNICIPALITY OF ANCHORAGE STANDARD SPECIFICATIONS (M.A.S.S.) UNLESS NOTED DIFFERENTLY ON SHEET NOTES OR IN SPECIAL PROVISIONS.
3. CONTRACTOR SHALL CALL LOCAL DIG LINE TO VERIFY UNDERGROUND UTILITY LOCATIONS PRIOR TO DIGGING. CONTRACTOR IS RESPONSIBLE FOR ANY UNDERGROUND UTILITY DAMAGE.
4. 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.
5. 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.
6. ALL TREES AND SHRUBS MUST HAVE NURSERY TAGS INTACT AND VISIBLE AT THE TIME OF THE INITIAL INSPECTION.
7. 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.
8. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY SITE CONDITIONS THAT REQUIRE MODIFICATIONS PRIOR TO INSTALLATION.
9. INSTALL MOOSE PROTECTION FENCE AROUND ALL NEW DECIDUOUS TREES IMMEDIATELY FOLLOWING PLANTING. MAINTAIN FOR EXTENT OF WARRANTY PERIOD.
10. PLANTING BEDS TO RECEIVE 18" DEPTH TOPSOIL AND 3" DEPTH SHREDDED BARK MULCH THROUGHOUT BEDS. BASE OF FENCE TO RECEIVE 3" DEPTH ROCK MULCH OVER LANDSCAPE FABRIC.
11. ALL PLANTING BEDS SHALL RECEIVE SHREDDED BARK MULCH AT THREE INCH DEPTH.
12. 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 PER M.A.S.S.

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STATE OF ALASKA 49TH
Brianne Keifer
No.113272
6/21/2022
REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
21805

ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

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Designed by:
Checked by:
AMC Project: 21805
Date: 6/24/2022
Project Phase
PERMIT DRAWINGS

Sheet Title
SITE AND LANDSCAPE PLAN

Sheet Number
L1.0

FILE NAME: D:\Huddle AK Dropbox\01 CLIENTS\061 ECI\820 W 4th Avenue\05_AutoCAD\01_ Plans\820 4th Ave_Site Plan.dwg
PLOTTED: Huddle AK 6/22/2022 1:18 PM

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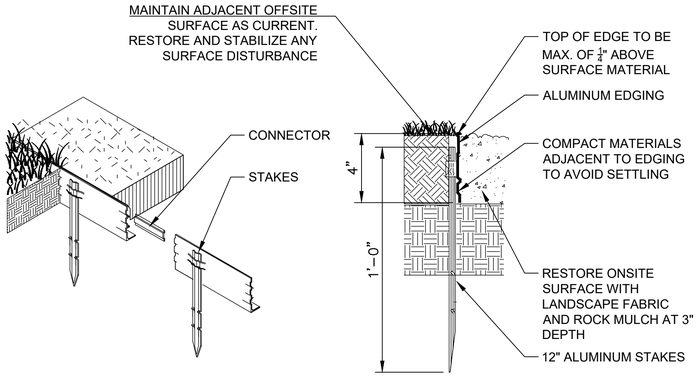
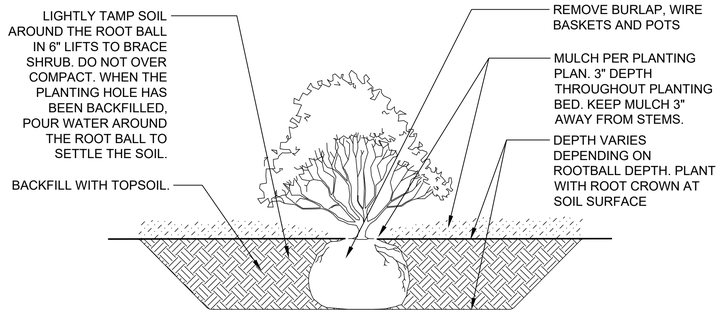
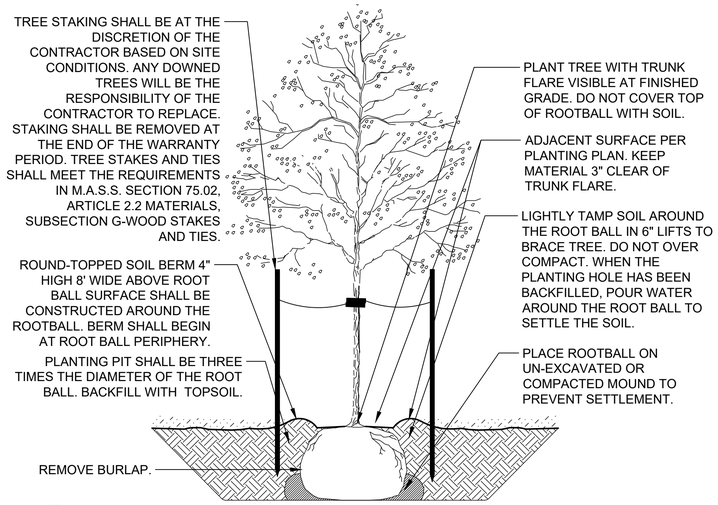


LANDSCAPE EDGING SHALL BE "CURV-RITE, INC." BLACK, ALUMINUM, ONE-EIGHTH INCH (⅛") THICKNESS BY FOUR INCH (4") DEPTH PER M.A.S.S. SECTION 75.06

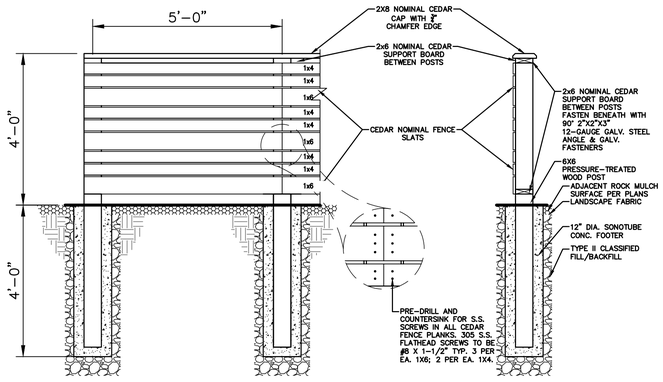
3 / L3.0 LANDSCAPE EDGING
NTS



2 / L2.0 SHRUB PLANTING
NTS



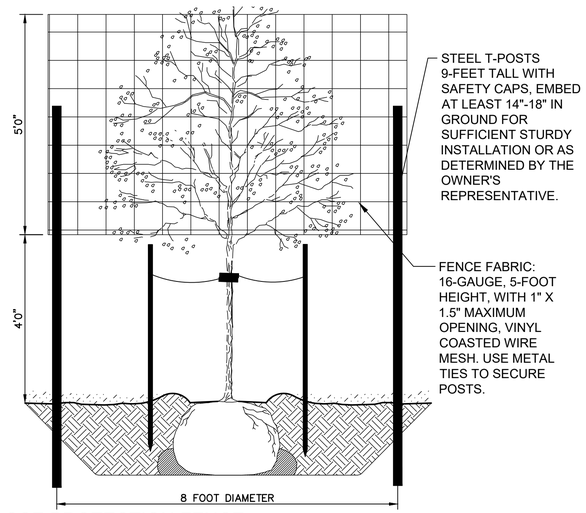
1 / L2.0 DECIDUOUS TREE PLANTING
NTS



5 / L2.0 WOOD SCEEN FENCE
NTS

NOTE: INSTALL ON ALL DECIDUOUS TREES.

MOOSE PROTECTION FENCING SHALL BE REMOVED AT THE END OF THE WARRANTY PERIOD



4 / L3.0 MOOSE PROTECTION FENCE
NTS

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Sheet Title
SITE AND LANDSCAPE DETAILS

Sheet Number
L2.0

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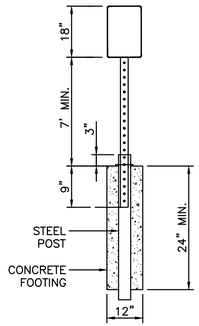
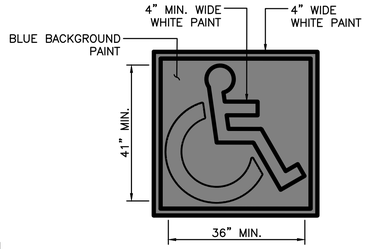


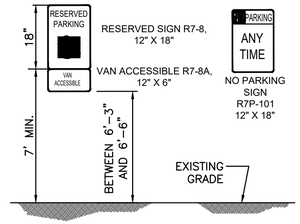
CONCRETE FOUNDATION FOR SIGN POST

NTS



ACCESSIBLE MARKING SYMBOL

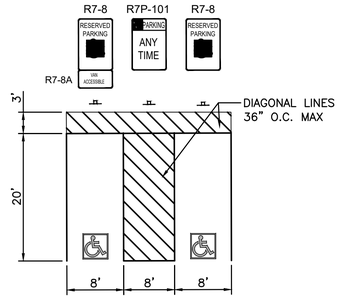
NTS



1. ALL CAR ACCESSIBLE SPACES SHALL HAVE A R7-8 SIGN AND ALL VAN ACCESSIBLE SPACES SHALL HAVE A R7-8A SIGN. THE SIGNS SHALL BE CENTERED ON 8 FOOT PARKING STALLS.
2. INSTALL A "NO PARKING" SIGN (R7P-101) CENTERED IN FRONT OF THE ACCESSIBLE ACCESS AISLE ON THE FACE OF BUILDING.
3. VAN ACCESSIBLE ACCESS AISLES ARE 8 FEET WIDE.
4. ALL TRAFFIC MARKINGS TO BE 4-INCH WHITE PAINT WITH THE EXCEPTION OF ACCESSIBLE TRAFFIC MARKINGS SHALL BE 4-INCH BLUE FOR SPACES/ AISLE STRIPING, AND INCLUDE CONCRETE PARKING BUMPERS.

ADA ACCESSIBLE PARKING SIGNAGE

NTS



1 / L2.1 ACCESSIBLE PARKING STRIPING AND SIGNAGE

NTS

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Brianne Keifer
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06/21/2022
REGISTERED PROFESSIONAL LANDSCAPE ARCHITECT
21805

ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
IF NOT 1 INCH, SCALE ACCORDINGLY

Designed by:
Checked by:
AMC Project: 21805
Date: 6/24/2022
Project Phase
PERMIT DRAWINGS
Sheet Title
SITE AND LANDSCAPE DETAILS
Sheet Number
L2.1

FILE NAME: D:\Huddle AK Dropbox\01 CLIENTS\061 ECI\820 W 4th Avenue\05_AutoCAD\01_Plans\820 4th Ave_Site Plan.dwg
PLOTTED: Huddle AK 6/22/2022 1:18 PM

ABBREVIATIONS

@	AT	IN HG	INCHES MERCURY
&	AND	IN WC	INCHES WATER COLUMN
#	NUMBER	INSUL	INSULATION
%	PERCENT	IPS	INTERNATIONAL PIPE STANDARD
AD	ACCESS DOOR	K	THERMAL CONDUCTIVITY
AAP	AREA ALARM PANEL	KW	KILOWATT
ADA	AMERICANS WITH DISABILITIES ACT	KWH	KILOWATT HOUR
AFF	ABOVE FINISHED FLOOR	LAT	LEAVING AIR TEMPERATURE
AFG	ABOVE FINISHED GRADE	LB/HR	POUNDS PER HOUR
AHJ	AUTHORITY HAVING JURISDICTION	LBS	POUNDS
AHU	AIR-HANDLING UNIT	LF	LINEAR FEET
ALT	ALTERNATE	L	LENGTH
AMB	AMBIENT	LWT	LEAVING WATER TEMPERATURE
AMCA	AIR MOVEMENT AND CONTROL ASSOCIATION	LOC	LOCATION/LOCATED
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	LP	LOW PRESSURE
APD	AIR PRESSURE DROP	LR	LONG RADIUS
APPROX	APPROXIMATE	MAN	MANUAL
AR	ACID RESISTANT	MAT	MIXED AIR TEMPERATURE
ARCH	ARCHITECTURAL	MAV	MANUAL AIR VENT
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	MAX	MAXIMUM
ATM	ATMOSPHERE	MBH	THOUSAND BTU PER HOUR
AUTO	AUTOMATIC	MECH	MECHANICAL
AVG	AVERAGE	MFR	MANUFACTURER
AWG	AMERICAN WIRE GAUGE	MH	MANHOLE
BAS	BUILDING AUTOMATION SYSTEM	MIN	MINIMUM, MINUTE
BDD	BACKDRAFT DAMPER	MPH	MILES PER HOUR
BHP	BRAKE HORSEPOWER, BOILER HORSEPOWER	MTD	MOUNTED
BLDG	BUILDING	N/A	NOT APPLICABLE
BLW	BELOW	NC	NOISE CRITERIA, NORMALLY CLOSED
BOD	BOTTOM OF DUCT	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
BOP	BOTTOM OF PIPE		NOT IN CONTRACT
BTU	BRITISH THERMAL UNIT	NO	NORMALLY OPEN, NUMBER
BTUH	BTU PER HOUR	NTS	NOT TO SCALE
C	COMMON, CONDENSATE	OD	OUTSIDE DIAMETER
C-C	CENTER TO CENTER	OFOI	OWNER FURNISHED, OWNER INSTALLED
CAP	CAPACITY, END CAP	OSA	OUTSIDE AIR
CCW	COUNTER-CLOCKWISE	OZ	OUNCE
CF	COOLING FAN, CIRCULATING FAN, CUBIC FOOT	PD	PRESSURE DROP OR DIFFERENCE
CFM	CUBIC FEET PER MINUTE	PG	PROPYLENE GLYCOL
CI	CAST IRON	PL	PLATE
CL	CENTER LINE	PLBG	PLUMBING
CLG	CEILING	POC	POINT OF CONNECTION
CMPR	COMPRESSOR	PNL	PANEL
COEF	COEFFICIENT	PH	PHASE (ELECTRICAL)
CONC	CONCRETE	PPM	PARTS PER MILLION
COND	CONDENSER	PSI	POUNDS PER SQUARE INCH
CTR	CENTER	PSIA	POUNDS PER SQUARE INCH - ABSOLUTE
CU	COPPER, CONDENSING UNIT	PSID	POUNDS PER SQUARE INCH - DIFFERENTIAL
CU IN	CUBIC INCH	PSIG	POUNDS PER SQUARE INCH - GAUGE
CV	VALVE FLOW COEFFICIENT	PRESS	PRESSURE
CW	CLOCKWISE	PRI	PRIMARY
DB	DECIBEL	R-407C,	REFRIGERANT (407C,410A,ETC.)
DBT	DRY-BULB TEMPERATURE	R-410A	
DDC	DIRECT DIGITAL CONTROL	R/A	RETURN AIR
DEG OR °	DEGREE	RAD	RADIANT OR RADIATION
DEG C	DEGREE CENTIGRADE	RCVR	RECEIVER
DEG F	DEGREE FAHRENHEIT	RECIRC	RECIRCULATE
DEMO	DEMOLITION	RED	REDUCER
DENS	DENSITY	REFRIG	REFRIGERATION
DGM	DIAGRAM	REV	REVOLUTIONS
DI	DUCTILE IRON	RF	RELIEF FAN OR RETURN FAN
DIA OR ø	DIAMETER	RH	RELATIVE HUMIDITY
DIFF	DIFFERENCE OR DELTA	RM	ROOM
DIP	DUCTILE IRON PIPE	RPM	REVOLUTIONS PER MINUTE
DISS	DIAMETER-INDEX SAFETY SYSTEM	RPS	REVOLUTIONS PER SECOND
DN	DOWN	S/A	SUPPLY AIR
DO	DITTO	SAT	SATURATION
DTL	DETAIL	SCHD	SCHEDULE
DWDI	DOUBLE WIDTH DOUBLE INLET	SCFM	STANDARD CUBIC FEET PER MINUTE
DWG	DRAWING	SD	STORM DRAIN
(E)	EXISTING	SEC	SECONDARY
EA	EACH	SF	SQUARE FEET
E/A	EXHAUST AIR	SH	SENSIBLE HEAT
EAT	ENTERING AIR TEMPERATURE	SHG	SENSIBLE HEAT GAIN
EF	EXHAUST FAN	SHR	SENSIBLE HEAT RATIO
EFF	EFFICIENCY	SHT	SHEET
EG	ETHYLENE GLYCOL, EXHAUST GRILLE	SHWR	SHOWER
ELEC	ELECTRICAL	SP	STATIC PRESSURE
ELEV	ELEVATION	SPD	STATIC PRESSURE DROP
EMB	EMBEDMENT	SPEC	SPECIFICATION, SPECIFIED
ENT	ENTERING	SPKLR	SPRINKLER
EQIV FT	EQUIVALENT FEET	SR	SHORT RADIUS
ESP	EXTERNAL STATIC PRESSURE	SWSI	SINGLE WIDTH SINGLE INLET
EVAP	EVAPORATOR	SQ	SQUARE
EXP	EXPANSION	SS	STAINLESS STEEL, SANITARY SEWER
EWT	ENTERING WATER TEMPERATURE	STD	STANDARD
°F	FAHRENHEIT	SUCT	SUCTION
FA	FACE AREA	TA	TRANSFER AIR
F-F	FACE TO FACE	TEMP	TEMPERATURE, TEMPORARY
FD	FIRE DAMPER	THRU	THROUGH
FLEX	FLEXIBLE	TOD	TOP OF DUCT
FLR	FLOOR	TONS	TONS OF REFRIGERATION
FOB	FLAT ON BOTTOM	TOP	TOP OF PIPE
FOT	FLAT ON TOP	TYP	TYPICAL
FP	FREEZING POINT	UG	UNDERGROUND
FPM	FEET PER MINUTE	UNO	UNLESS NOTED OTHERWISE
FPS	FEET PER SECOND	UPC	UNIFORM PLUMBING CODE
FSD	FIRE-SMOKE DAMPER	V	VOLTS OR VOLTAGE
FSDM	FIRE-SMOKE DAMPER, MODULATING	VAC	VACUUM
FT OR '	FOOT OR FEET	VAC	VOLTS (ALTERNATING CURRENT)
FV	FACE VELOCITY	VAL	VALVE
GA	GAGE OR GAUGE	VAP PR	VAPOR PRESSURE
GAL	GALLONS	VAR	VARIABLE
GPD	GALLONS PER DAY	VAV	VARIABLE AIR VOLUME
GPH	GALLONS PER HOUR	VDC	VOLTS (DIRECT CURRENT)
GPM	GALLONS PER MINUTE	VEL	VELOCITY
GR	GRAINS	VERT	VERTICAL
GRD	GRILLES, REGISTERS, DIFFUSERS	VFD	VARIABLE FREQUENCY DRIVE
HD	HEAD	VOL	VOLUME
HDPE	HIGH DENSITY POLYETHYLENE	VP	VELOCITY PRESSURE
HG	HEAT GAIN	VSD	VARIABLE SPEED DRIVE
HT	HEIGHT	VTR	VENT THROUGH ROOF
HP	HORSEPOWER	W	WATT
HR	HOUR(S)	W/	WITH
HVAC	HEATING, VENTILATING & AIR-CONDITIONING	W/O	WITHOUT
HZ	FREQUENCY	WB	WET BULB TEMPERATURE
IAW	IN ACCORDANCE WITH	WC	WATER COLUMN
ID	INSIDE DIAMETER	WH	WATT-HOUR
IE	INVERT ELEVATION	WP	WEATHER PROOF, WATER PROOF
IBC	INTERNATIONAL BUILDING CODE	WPD	WATER PRESSURE DROP
IFC	INTERNATIONAL FIRE CODE	WT	WEIGHT
IMC	INTERNATIONAL MECHANICAL CODE	YD	YARD
IN OR "	INCH OR INCHES	ZVB	ZONE VALVE BOX

GENERAL

SYMBOL	DESCRIPTION
1 / 2.	SHEET NOTE CONVENTION: REFERENCED SHEET NOTE GENERAL SHEET NOTE
	NORTH ARROW
1 / M0.1	DETAIL REFERENCE DETAIL NUMBER SHEET WHERE DETAIL APPEARS
A / M0.1	SECTION REFERENCE SECTION LETTER SHEET WHERE SECTION APPEARS
	POINT OF CONNECTION
P-#	PLUMBING FIXTURE NUMBER
ID / EQ#	EQUIPMENT TAG EQUIPMENT DESIGNATION EQUIPMENT NUMBER
ID / CFM	AIR OUTLET TAG AIR OUTLET DESIGNATION CFM
FT# / LF / GPM	BASEBOARD FINTUBE TAG FINTUBE DESIGNATION GPM LINEAR FEET OF FINTUBE ELEMENT
XXX	AIR TERMINAL UNIT TAG
	LINE CONVENTION NEW OR REINSTALLED ITEM ITEM TO BE DEMOLISHED EXISTING ITEM TO REMAIN EXISTING ITEM TO BE RELOCATED

PLUMBING

SYMBOL	ABBR.	DESCRIPTION
	CW	COLD WATER
	HW	HOT WATER
	HWC	HOT WATER CIRCULATION
	V	VENT
	TP	TRAP PRIMER
	FM	FORCE MAIN, WASTE WATER
	W	WASTE WATER
	SD	STORM DRAIN
	RL, ORL	RAINLEADER, OVERFLOW RAINLEADER
	HB	HOSE BIBB
	WHA	WATER HAMMER ARRESTER
A	PDI	PLUMBING AND DRAINAGE INSTITUTE WATER HAMMER ARRESTER SIZE A, B, C, D, OR E
TP		AUTOMATIC TRAP PRIMER VALVE
	FCO, YCO	FLOOR CLEANOUT, YARD CLEANOUT
	WCO	WALL CLEANOUT
	FD, FS	FLOOR DRAIN, FLOOR SINK
	RD, ORD	ROOF DRAIN, OVERFLOW ROOF DRAIN

PIPING

SYMBOL	ABBR.	DESCRIPTION
	HWS	HEATING WATER SUPPLY
	HWR	HEATING WATER RETURN
	GHS	GLYCOL HEATING SUPPLY
	GHR	GLYCOL HEATING RETURN
ENCLOSURE / FINTUBE ELEMENT	FT	BASEBOARD FINTUBE RADIATION
	UH	UNIT HEATER
OR	CUH	CABINET UNIT HEATER, HORIZONTAL OR VERTICAL

VENTILATION

SYMBOL	ABBR.	DESCRIPTION
		DOUBLE LINE DUCTWORK
		SINGLE LINE DUCTWORK
		FLEX DUCTWORK
		SLOT GRILLES/REGISTERS/DIFFUSERS
	S/A	GRILLES/REGISTERS/DIFFUSERS - SUPPLY AIR
	R/A	GRILLES/REGISTERS/DIFFUSERS - RETURN AIR
	E/A	GRILLES/REGISTERS/DIFFUSERS - EXHAUST AIR
OR		AIR FLOW ARROW
VD	VD	AIR VOLUME DAMPER
FD	FD	FIRE DAMPER
SD	SD	SMOKE DAMPER
FSD	FSD	FIRE-SMOKE DAMPER
	AL	ACOUSTICAL DUCT LINING
		DUCT INSULATION
12ø		DUCT: ROUND
20X12		DUCT: RECTANGULAR FIRST FIGURE SIDE SHOWN
20X12 F.O.		DUCT: FLAT OVAL FIRST FIGURE SIDE SHOWN
M	MOD	MOTORIZED OPERATED DAMPER
	OBD	OPPOSED BLADE DAMPER
	PBD	PARALLEL BLADE DAMPER
	BDD	BACK DRAFT DAMPER
		DAMPER

SUPPLY RETURN EXHAUST ROUND — DUCT TURNING UP OR TOWARD

SUPPLY RETURN EXHAUST ROUND — DUCT TURNING DOWN OR AWAY

CONTROLS

SYMBOL	ABBR.	DESCRIPTION
T	TSTAT	THERMOSTAT
H		HUMIDISTAT
		LOW VOLTAGE CONTROL
VSD	VSD	VARIABLE SPEED DRIVE
SD	SD	SMOKE DETECTOR
PS	PS	STATIC PRESSURE SENSOR
CS	CS	CURRENT SWITCH
CT	CT	CURRENT TRANSMITTER
FS	FS	FLOW SWITCH
TT	TT	TEMPERATURE TRANSMITTER
TIT	TIT	TEMPERATURE INDICATOR TRANSMITTER
PIT	PIT	PRESSURE INDICATOR TRANSMITTER
DPT	DPS	DIFFERENTIAL PRESSURE TRANSMITTER
DPI	DPI	DIFFERENTIAL PRESSURE INDICATOR
PI / OR	PI	PRESSURE INDICATOR, GAUGE
TI / OR	TI	TEMPERATURE INDICATOR, THERMOMETER
AFMS	AFMS	AIRFLOW MEASURING STATION
FI	FI	FLOW INDICATOR

GENERAL PIPING

SYMBOL	ABBR.	DESCRIPTION
		BALL VALVE
	GV	GATE VALVE
		GLOBE VALVE
	BV	BUTTERFLY VALVE
	TDV	TRIPLE DUTY VALVE
	CV	CHECK VALVE
		BACKFLOW PREVENTER ASSEMBLY
	PRV	PRESSURE REDUCING VALVE
	PRV	PRESSURE REGULATOR VALVE
		PLUG VALVE
S	SOV	SOLENOID OPERATED VALVE
M OR M	MOV	2 WAY MOTOR OPERATED VALVE
M OR M	MOV	3 WAY MOTOR OPERATED VALVE
		2 WAY PNEUMATIC OPERATED VALVE
		3 WAY PNEUMATIC OPERATED VALVE
		BALANCING VALVE
	FCV	AUTOMATIC FLOW CONTROL VALVE
	SV	SAFETY VALVE, PRESSURE RELIEF VALVE
	VB	VACUUM BREAK
	AAV	AIR VENT, AUTO WITH ISOLATION VALVE
	MAV	AIR VENT, MANUAL
	PTTP	PRESSURE & TEMP TEST PLUG
		STRAINER W/ BLOWDOWN HOSE FITTING
		EQUIPMENT OR PIPE DRAIN VALVE W/HOSE FITTING
		EQUIPMENT OR PIPE DRAIN PLUG W/HOSE FITTING
		REDUCER (CONCENTRIC)
		REDUCER (ECCENTRIC)
		FLOW ARROW
		ANCHOR
		PIPE GUIDE
		PIPE SLEEVE
		PIPE UNION
		PIPE FLANGE
		FLEXIBLE CONNECTION
M		METER
		LINE BREAK
		END CAP
		PIPE UP / TEE UP
		PIPE DOWN (ELBOW)
		PIPE DOWN (TEE)

NOTE: THIS IS A STANDARD LEGEND, SOME OF THE SYMBOLS SHOWN ON LEGEND ARE NOT NECESSARILY ON THE DRAWINGS.

MOA ePlans Stamp

NOTIFICATION OF POTENTIAL HAZARDS

ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

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STATE OF ALASKA 49TH
Tamara D. Hamler
6/24/2022
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REGISTERED PROFESSIONAL ENGINEER
© 21805

ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions		
No.	Date	Description

1 INCH AT FULL SIZE
IF NOT 1 INCH, SCALE ACCORDINGLY

Designed by:	TBD/MPL
Checked by:	TDH
AMC Project:	21805
Date:	6/24/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
LEGEND AND ABBREVIATIONS

Sheet Number
M001

FILE NAME: x:\21805 snowden\Dwgs\M\dwg\sheet files\21805 - M001.dwg
PLOTTED: Epagulayan 6/24/2022 2:13 PM

PLUMBING FIXTURE CONNECTION SCHEDULE

SYMBOL	FIXTURE	WASTE (INCH)	VENT (INCH)	HW (INCH)	CW (INCH)	ELECTRICAL	REMARKS, BASIS OF DESIGN
FD-1	FLOOR DRAIN	3	2	–	–	–	CAST IRON BODY WITH HEAVY DUTY ADJUSTABLE NICKEL BRONZE TOP, VANDAL PROOF SCREWS, TRAP PRIMER CONNECTION. JAY R. SMITH 2005Y.
FD-2	FLOOR DRAIN	3	2	–	–	–	CAST IRON BODY WITH HEAVY DUTY ADJUSTABLE NICKEL BRONZE TOP, VANDAL PROOF SCREWS, WIDE FLANGE FOR WOOD DECK, TRAP PRIMER CONNECTION. MIFAB FD230-WF.
TP-1	ELECTRONIC TRAP PRIMER	–	–	–	1/2	120V	ELECTRONIC PRIMER VALVE WITH VACUUM BREAKER, DISTRIBUTION UNIT, INTERNAL BACKFLOW PROTECTION. PPP SP-500.
TV-1	CENTRAL TEMPERING VALVE	–	–	1	1	110V RECEPTACLE	AUTOMATIC TEMPERING VALVE, SIDE SUPPLY INLETS, BOTTOM OUTLET. ARMSTRONG THE BRAIN DRV25.

MISCELLANEOUS EQUIPMENT SCHEDULE

SYMBOL	LOCATION	ELECTRICAL (FLA,V,PH)	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
AS-1	BOILER ROOM 302	–	300	COMBINATION AIR/DIRT HYDRAULIC SEPARATOR: 4 INCH FLANGED CONNECTIONS, INTERGRAL AIR VENT, BLOW DOWN VALVE, 150 PSIG WORKING PRESSURE AT 270 DEG F. 1FT PRESSURE DROP AT 190 GPM; VELOCITY 4.8 FEET PER SECOND. SPIROTHERM VDX400FA.
AS-2	E. MECH. ROOM 307	–	150	COMBINATION AIR/DIRT SEPARATOR: 2-1/2 INCH FLANGED CONNECTIONS, INTERGRAL AIR VENT, BLOW DOWN VALVE, 150 PSIG WORKING PRESSURE AT 270 DEG F. 1FT PRESSURE DROP AT 48 GPM; VELOCITY 3.2 FEET PER SECOND. SPIROTHERM VDT250FA.
WH-1	BOILER ROOM 302	10KW,208V,1	600	ELECTRIC WATER HEATER: 50 GAL STORAGE, 41 GPH RECOVERY AT 100 DEG F RISE, DUAL 5 KW HEATING ELEMENTS WITH SIMULTANEOUS OPERATION. RHEEM ELD80-TB.
WH-2	AUDIO AREA 145	51A,208V,1	20	POINT OF USE ELECTRIC TANKLESS WATER HEATER, 1.2 GPM AT 70 F TEMP RISE. AO SMITH C2VA-120E.
NT-1	BOILER ROOM 302	–	30	CONDENSATE NEUTRALIZER: 32 GALLON PER HOUR CAPACITY, AGGREGATE CALCIUM CARBONATE NEUTRALIZING MEDIUM, GALVANIZED STEEL MOUNTING ASSEMBLY. JJM BOILERWORKS JM-40.
AC-1A	TELECOM 131	208V,1 1.0 MCA	40	SPLIT SYSTEM AIR CONDITIONING SYSTEM: NOMINAL 1.5 TON CAPACITY, WALL MOUNTED EVAPORATOR UNIT. R-410A REFRIGERANT, REMOTE CONTROLLER, INTEGRAL CONDENSATE PUMP. MITSUBISHI TPKA-A0181HA7.
AC-1B	FAN ROOM 226	208V,1 11 MCA 28 MOCP	120	SPLIT SUSTEM AIR CONDITIONING SYSTEM: REMOTE CONDENSING UNIT. INVERTER DRIVEN TWIN ROTARY COMPRESSOR, PROPELLER FAN, ELECTRONIC EXPANSION VALVE. MITSUBISHI TRUY-A0181KA7.

AIR COOLED CONDENSING UNIT SCHEDULE

SYMBOL	LOCATION	ELECTRICAL (FLA,V,PH)	CAPACITY (TONS)	FLUID	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
ACC-1	ROOF	62,208,3 68 MCA 90 MOP	15 NOMINAL	R-410A	1,200	AIR COOLED DIRECT EXPANSION CONDENSING UNIT: DUAL CIRCUIT, 45 DEG SUCTION TEMP, 205.6 MBH TOTAL COOLING CAPACITY AT 74DB/60WB. AAON CFA-015 SERIES.
ACC-2	ROOF	62,208,3 68 MCA 90 MOP	15 NOMINAL	R-410A	1,200	AIR COOLED DIRECT EXPANSION CONDENSING UNIT: DUAL CIRCUIT, 45 DEG SUCTION TEMP, 205.6 MBH TOTAL COOLING CAPACITY AT 74DB/60WB. AAON CFA-015 SERIES.
ACC-3	ROOF	55,208,3 60 MCA 80 MOP	13 NOMINAL	R-410A	1,200	AIR COOLED DIRECT EXPANSION CONDENSING UNIT: DUAL CIRCUIT, 45 DEG SUCTION TEMP, 159.2 MBH TOTAL COOLING CAPACITY AT 74DB/60WB. AAON CFA-013 SERIES.
ACC-4	ROOF	55,208,3 60 MCA 80 MOP	13 NOMINAL	R-410A	1,200	AIR COOLED DIRECT EXPANSION CONDENSING UNIT: DUAL CIRCUIT, 45 DEG SUCTION TEMP, 159.2 MBH TOTAL COOLING CAPACITY AT 74DB/60WB. AAON CFA-013 SERIES.

BOILER SCHEDULE

SYMBOL	LOCATION	MOTOR (FLA,V,PH)	INPUT (MBH)	OUTPUT (MBH)	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
BLR-1	BOILER ROOM 302	20,230,1	2,000	1,920	1,900 (WET)	CONDENSING NATURAL GAS BOILER ARRAY: FOUR 500 MBH MODULES IN A SINGLE CABINET, 20:1 TURNDOWN, 80 PSI MAXIMUM WORKING PRESSURE, INTEGRAL BOILER CONTROLS, 4" FLANGED STRAINER, CONDENSATE NEUTRALIZER, 75 PSI RELIEF VALVE. RIELLO MODEL AR 2000.

EXPANSION TANK SCHEDULE

SYMBOL	LOCATION	ACCEPTANCE VOL (GAL)	TANK VOL (GAL)	PRE-CHARGE (PSIG)	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
ET-1	BOILER ROOM 302	34	68	12	800	HYDRONIC HEATING SYSTEM EXPANSION TANK: ASME STAMPED, STEEL SHELL WITH HEAVY DUTY BUTYL REMOVABLE BLADDER, FULL ACCEPTANCE. 125 PSIG MAXIMUM WORKING PRESSURE, 240 DEG F MAXIMUM OPERATING TEMPERATURE. BASE MOUNTED IN VERTICAL POSITION. AMTROL AX-120V.
ET-2	E. MECH. ROOM 307	3.2	6.4	50	70	GLYCOL HEATING EXPANSION TANK: ASME STAMPED, STEEL SHELL WITH BUTYL BLADDER, 125 PSI WORKING PRESSURE 240 DEG F MAXIMUM OPERATING TEMPERATURE. AMTROL AX-10-DD.
ET-3	BOILER ROOM 302	3.2	6.4	40	80	DOMESTIC HOT WATER EXPANSION TANK: STEEL SHELL WITH BUTYL BLADDER, 150 PSI WORKING PRESSURE, 200 DEG F MAXIMUM OPERATING TEMPERATURE. AMTROL THERM-X-TROL ST-12-C.

PUMP SCHEDULE

SYMBOL	LOCATION	SERVICE	FLUID	TEMP. (DEG F)	GPM	HEAD (FEET)	MOTOR (HP,V,PH)	REMARKS BASIS OF DESIGN
PMP-1 PMP-2	BOILER ROOM 302	BUILDING HEATING CIRC	WATER	180	190	50	5,208,3 (2) VSDS	IN-LINE CENTRIFUGAL PUMP: 4.9" IMPELLER, 53% MIN. EFF., 3,450 RPM. TACO 1935.
PMP-3 PMP-4	E. MECH. ROOM 307	HEATING COIL CIRC	50% PG	150	48	45	3,208,1	IN-LINE CIRCULATOR PUMP: ECM MOTOR, SELF-SENSING. TACO VR25H.
PMP-5	E. MECH. ROOM 307	HC-4 CIRC	50% PG	150	27	10	3/4,208,1	IN-LINE CIRCULATOR PUMP: ECM MOTOR, SELF-SENSING. TACO VR15M.
PMP-6	BOILER ROOM 302	DOMESTIC HOT WATER RECIRC	DOMESTIC WATER	120	2	10	1/8,120,1	IN-LINE CIRCULATOR PUMP: STAINLESS STEEL CONSTRUCTION. TACO 009-SF5.

HEAT EXCHANGER SCHEDULE

SYMBOL	LOCATION	HOT SIDE FLUID	GPM	TEMP IN (DEG F)	TEMP OUT (DEG F)	MAX WPD (PSI)	COLD SIDE FLUID	GPM	TEMP IN (DEG F)	TEMP OUT (DEG F)	MAX WPD (PSI)	MIN OUTPUT (MBH)	WEIGHT (LBS)	REMARKS BASIS OF DESIGN
HX-1	E. MECH. ROOM 307	WATER	46	180	160	3.0	50% PG	48	138	160	3.0	475	100	BRAZED PLATE TYPE: WALL MOUNT TABS, (SO) 316L SS PLATES, B&G BP423-50.

MOA ePlans Stamp

NOTIFICATION OF POTENTIAL HAZARDS

ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

LOUVER/HOOD SCHEDULE

SYMBOL	UNIT AND USAGE	SCFM	SIZE WIDTH X HT (INCH)	MIN FREE AREA (SF)	MAX FREE AREA VEL (FPM)	MAX APD (INCH WC)	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
LV-1	AHU-1 / AHU-2 / AHU-3 OSA INTAKE	19,400	108 X 72	31.7	620	0.07	250	LOUVER: 6" THICK EXTRUDED ALUMINUM, 37.5 DEGREE DRAINABLE BLADES WITH BIRD SCREEN RUSKIN ELF6375DX.
LV-2	RF-2 RELIEF	6,600	30 X 54	6.2	1,100	0.16	100	SAME AS LV-1, EXCEPT SIZE.
LV-3	SCF-1 OSA INTAKE	1,200	18 X 30	1.8	670	0.08	50	SAME AS LV-1, EXCEPT SIZE.
LV-4	EF-1 RELIEF	2,300	18 X 36	2.3	1,040	0.15	50	SAME AS LV-1, EXCEPT SIZE.
LV-5A	AHU-1 RELIEF	3,600	60 X 42	9.3	350	0.03	100	EXISTING LOUVER TO REMAIN.
LV-5B	AHU-1 RELIEF	2,400	44 X 40	5.5	430	0.03	50	SAME AS LV-1, EXCEPT SIZE. COORDINATE SIZE WITH EXISTING OPENING.
HD-1	SCF-1 RELIEF	1,200	14 X 14	1.5	890	0.11	60	ROOF MOUNTED RELIEF HOOD: SPUN ALUMINUM WITH CURB CAP, GALVANIZED BIRDSCREEN, AND MOTORIZED RELIEF DAMPER. GREENHECK FGR.
HD-2	AHU-3 RELIEF	4,900	24 X 28	4.7	1,050	0.15	100	SAME AS HD-1, EXCEPT SIZE.
HD-3	AHU-4 RELIEF	3,500	30 X 48	10	350	0.03	100	SAME AS HD-1, EXCEPT SIZE AND HINGED BASE.
HD-4	AHU-4 INTAKE	5,500	36 X 40	10	550	0.07	150	ROOF MOUNTED INTAKE HOOD: SPUN ALUMINUM WITH CURB CAP, GALVANIZED BIRDSCREEN. GREENHECK FGI.

FAN SCHEDULE

SYMBOL	LOCATION	USE	SCFM	SP (INCH WC)	FAN RPM	MOTOR (HP,V,PH)	WEIGHT (LBS)	REMARKS BASIS OF DESIGN
EF-1	NEW MECH. ROOM 307A	GENERAL EXHAUST	2,300	1.00	1,464	1,120,1	140	INLINE EXHAUST FAN: DIRECT DRIVE, CENTRIFUGAL SQUARE INLINE FAN, VARI-GREEN ECM MOTOR. GREENHECK SQ-160HP-VG.
RF-2	NEW MECH. ROOM 307A	AHU-2 RELIEF	6,600	1.00	1,554	3,208,3 (VSD)	200	INLINE RELIEF FAN: DIRECT DRIVE. GREENHECK SQ-18-07.

TERMINAL HEATING UNIT SCHEDULE

SYMBOL	LOCATION	OUTPUT (MBH)	FLUID	FLOW (GPM)	MAX WPD (FEET)	FLUID TEMP IN/OUT (DEGREES F)	MOTOR (HP,V,PH)	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
UH-1	NEW MECH. ROOM 307A	19.7	WATER	3.0	0.3	180/160	1/25,115,1	34	HORIZONTAL UNIT HEATER: 630 CFM, AIR DEFLECTORS, SAFETY GUARD. MODINE HC-33.
UH-2 UH-3 UH-4	LEVEL 1	10.0	WATER	1.1	0.3	180/160	1/20,115,1	–	EXISTING HORIZONTAL UNIT HEATER TO REMAIN.
CUH-1	E. VEST 140	9.0	WATER	1.0	0.3	180/160	1/15,120,1	–	EXISTING CABINET UNIT HEATER TO REMAIN.
FT-1	SEE PLANS	–	WATER	–	–	180/160	–	–	EXISTING BASEBOARD FINNED TUBE: BALANCE GPM.

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STATE OF ALASKA 49TH
Tamara D. Hamler
6/24/2022
ME-9981
REGISTERED PROFESSIONAL ENGINEER
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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
IF NOT 1 INCH, SCALE ACCORDINGLY

Designed by: TBD/MPL
Checked by: TDH
AMC Project: 21805
Date: 6/24/2022
Project Phase: **PERMIT DRAWINGS**
Sheet Title: SCHEDULES
Sheet Number: **M002**

FILE NAME: x:\21805 snowden\Dwgs\Mdwg\sheet files\21805 - M002.dwg
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NOTIFICATION OF POTENTIAL HAZARDS

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AIR HANDLING UNIT SCHEDULE

SYMBOL	LOCATION	FAN SERVICE	SCFM	EXT / TOT SP (INCH WC)	FAN SIZE (INCH)	FAN TYPE	FAN RPM	FAN EFF & BHP	MOTOR (HP,V,PH)	COIL NO	WEIGHT (LBS)	REMARKS, BASIS OF DESIGN
AHU-1	FAN ROOM 226	VENT	6,600	1.5/3.5	15 QTY: 2	PLENUM	2,714	59% 3.05 BHP	5,208,3 QTY: 2 (2) VSDs	HC-1 CC-1	3,500	MODULAR AIR HANDLING UNIT: DRAW THROUGH ARRANGEMENT, DIRECT DRIVE FANS, MIXING BOX, SUMMER MERV8 PREFILTER, HEATING COIL, WINTER MERV8 PREFILTER, MERV13 FINAL FILTER, COOLING COIL, FAN SECTION, DISCHARGE PLENUM. OVERALL DIMENSIONS: 168" L, 69" W, 51" H. YORK SOLUTION-XTI SERIES.
AHU-2	NEW MECH. ROOM 307A	VENT	7,400	1.5/3.5	18.25 QTY: 2	PLENUM	1,982	59% 3.47 BHP	5,208,3 QTY: 2 (2) VSDs	HC-2 CC-2	4,000	MODULAR AIR HANDLING UNIT: SAME AS AHU-1 EXCEPT SIZE. OVERALL DIMENSIONS: 174" L, 81" W, 51" H. YORK SOLUTION-XTI SERIES.
AHU-3	E. MECH. ROOM 307	VENT	5,400 SUPPLY 4,900 RETURN	1.25/3.0 1.00 ESP	16.5 QTY: 2 15 QTY: 2	PLENUM PLENUM	2,172 1,802	60% 2.49 BHP 44% 0.8 BHP	5,208,3 SUPPLY FAN QTY: 2 (2) VSDs 1,208,3 RETURN FAN QTY: 2 (2) VSDs	HC-3 CC-3	5,500	MODULAR AIR HANDLING UNIT: DRAW THROUGH ARRANGEMENT, DIRECT DRIVE FANS, RETURN FAN INLET PLENUM, RETURN FAN SECTION, RETURN FAN DISCHARGE PLENUM, MIXING BOX, SUMMER MERV8 PREFILTER, HEATING COIL, WINTER MERV8 PREFILTER, MERV13 FINAL FILTER, COOLING COIL, FAN SECTION, DISCHARGE PLENUM. OVERALL DIMENSIONS: 261" L, 54" W, 72" H. YORK SOLUTION-XTI SERIES.
AHU-4	E. MECH. ROOM 307	ATRIUM VENT	5,500	1.25/3.5	15 QTY: 2	PLENUM	2,794	59% 2.61 BHP	5,208,3 QTY: 2 (2) VSDs	HC-4 CC-4	4,500	MODULAR AIR HANDLING UNIT: SAME AS AHU-1 EXCEPT SIZE. OVERALL DIMENSIONS: 220" L, 54" W, 72" H. YORK SOLUTION-XTI SERIES.
SCF-1	BOILER ROOM 302	COOLING	1,200	0.75/1.25	–	FC	1,767	85% 0.82 BHP	1,208,3	–	350	SMALL CABINET FAN: MIXING BOX, MERV8 PREFILTER, FAN SECTION. GREENHECK MSCF-25L.

INDOOR AIR QUALITY DOCUMENTATION

THE VENTILATION SYSTEMS FOR THIS FACILITY WERE DESIGNED IN ACCORDANCE WITH ASHRAE STANDARD 62.1-2019, BASED ON THE FOLLOWING ASSUMPTIONS:

60	NORMAL BUILDING POPULATION
1,250	AHU-1 MINIMUM OUTSIDE AIR CFM FOR INDOOR AIR QUALITY AND BUILDING PRESSURIZATION
1,000	AHU-2 MINIMUM OUTSIDE AIR CFM FOR INDOOR AIR QUALITY AND BUILDING PRESSURIZATION
700	AHU-3 MINIMUM OUTSIDE AIR CFM FOR INDOOR AIR QUALITY AND BUILDING PRESSURIZATION
1,900	AHU-4 MINIMUM OUTSIDE AIR CFM FOR INDOOR AIR QUALITY AND BUILDING PRESSURIZATION
-19	OUTSIDE WINTER DESIGN TEMPERATURE (DEGREES F)

ASSUMPTION: OUTSIDE AIR MEETS NATIONAL PRIMARY AMBIENT AIR QUALITY STANDARDS SET BY THE U.S. EPA.
ASSUMPTION: SOURCES OF IAQ CONTAMINATION ARE LIMITED TO NORMAL BUILDING FURNISHINGS, MATERIALS AND SURFACE COATINGS, AND HUMAN BIO-EFFLUENTS ASSOCIATED WITH ORDINARY HUMAN ACTIVITIES.

HEATING COIL SCHEDULE

SYMBOL	LOCATION	MBH	SCFM	AIR TEMP (IN/OUT)	SIZE WIDTH X HT (INCH)	MAX VEL (FPM)	MAX APD (INCH WC)	FLUID	GPM	FLUID TEMP IN/OUT (DEGREES F)	MAX WPD (FEET)	REMARKS BASIS OF DESIGN
HC-1	AHU-1	96	4,500	45/65	56X36.25	470	0.15 AT 6,500 CFM	50% PG	11.4	160/140	1.0	HEATING COIL: BY AHU SUPPLIER, 1 ROW, 8 FPI.
HC-2	AHU-2	68	5,400	53/65	68X36	430	0.10 AT 7,300 CFM	50% PG	4.1	160/123	1.0	HEATING COIL: BY AHU SUPPLIER, 1 ROW, 8 FPI.
HC-3	AHU-3	65	5,400	58/69	41X54	350	0.10 AT 5,400 CFM	50% PG	5.0	160/131	1.0	HEATING COIL: BY AHU SUPPLIER, 1 ROW, 8 FPI.
HC-4	AHU-4	255	5,500	39/79	41X39.25	490	0.25 AT 5,500 CFM	50% PG	27.0	160/140	4.0	HEATING COIL: BY AHU SUPPLIER, 2 ROW, 8 FPI.
RHC-301	CORRIDOR 313	20.7	600	55/85	16X12	450	0.1	WATER	2.1	180/160	4.0	DUCT MOUNTED REHEAT: 1 ROW, 9 FPI.
RHC-302	E. MECH. ROOM 307	32.6	1000	55/85	28X12	450	0.1	WATER	3.3	180/160	4.0	DUCT MOUNTED REHEAT: 1 ROW, 8 FPI.
RHC-303	E. MECH. ROOM 307	23.0	650	55/85	18X12	450	0.1	WATER	2.4	180/160	4.0	DUCT MOUNTED REHEAT: 1 ROW, 9 FPI.
RHC-304	CORRIDOR 313	17.3	500	55/85	14X12	450	0.1	WATER	1.8	180/160	4.0	DUCT MOUNTED REHEAT: 1 ROW, 9 FPI.
RHC-305	E. MECH. ROOM 307	27.2	825	55/85	22X12	450	0.1	WATER	2.8	180/160	4.0	DUCT MOUNTED REHEAT: 1 ROW, 9 FPI.
RHC-306	E. MECH. ROOM 307	20.7	600	55/85	16X12	450	0.1	WATER	2.1	180/160	4.0	DUCT MOUNTED REHEAT: 1 ROW, 9 FPI.
RHC-307	E. MECH. ROOM 307	5.0	150	55/85	8X6	450	0.1	WATER	0.5	180/160	4.0	DUCT MOUNTED REHEAT: 1 ROW, 10 FPI.
RHC-308	E. MECH. ROOM 307	19.6	550	55/85	16X12	450	0.1	WATER	2.0	180/160	4.0	DUCT MOUNTED REHEAT: 1 ROW, 9 FPI.
RHC-401	E. MECH. ROOM 307	56.5	2600	72/92	44X19.5	450	0.1	WATER	5.8	180/160	4.0	DUCT MOUNTED REHEAT: 1 ROW, 6 FPI.

AIR TERMINAL UNIT SCHEDULE

VAV-NUMBER	LOCATION	AHU	MIN CFM	MAX HEAT. CFM	MAX COOL. CFM	EAT (DEG F)	LAT (DEG F)	MAX APD (2) (INCH WC)	COIL MBH (1)	COIL ROWS	COIL GPM	BOX SIZE (INCH)
VAV-101	HR DIRECTOR 158	AHU-1	150	150	250	55	90	0.10	5.7	1	0.55	6
VAV-102	HR DEPUTY DIRECTOR 159	AHU-1	150	200	200	55	85	0.10	6.6	1	0.55	6
VAV-103	HR ANALYST 160	AHU-1	100	150	150	55	90	0.10	5.7	1	0.55	6
VAV-104	HR GENERALIST 161	AHU-1	100	100	100	55	99	0.10	4.7	1	0.55	6
VAV-105	HR PAYROLL SUPER 151	AHU-1	100	250	250	55	81	0.10	7.1	1	0.55	6
VAV-106 (3)	WORK-BREAK AREA 152	AHU-1	200	400	400	55	94	0.20	17.0	2	0.75	8
VAV-107	HR FILES 153	AHU-1	100	150	150	55	94	0.10	6.3	1	1.00	6
VAV-108	HR OPEN OFFICE 154	AHU-1	400	600	600	55	92	0.30	23.9	2	1.50	8
VAV-109	MICROGRAPHICS 149	AHU-1	450	550	550	55	77	0.10	13.4	1	1.50	8
VAV-110	GENERAL SERVICES 148	AHU-1	400	650	650	55	92	0.30	26.4	2	2.00	8
VAV-111 (3)	AUDIO AREA 145	AHU-1	800	1,000	1,175	55	80	0.20	26.6	1	2.00	12
VAV-112	IS TECHNICIAN 147	AHU-1	700	1,550	1,550	55	90	0.40	58.2	2	4.00	12
VAV-113	CENTRAL SERVICES SUPER 144	AHU-1	200	575	275	55	93	0.30	23.5	2	1.50	8
VAV-114 (3)	PRINT SHOP 142	AHU-1	425	875	875	55	78	0.20	21.3	1	2.00	10
VAV-201	ADMIN ATTY 249	AHU-2	125	300	300	55	78	0.10	7.5	1	0.55	6
VAV-202	RULES ATTY 248	AHU-2	125	200	200	55	85	0.10	6.6	1	0.55	6
VAV-203	ADMIN DIRECTOR 216	AHU-2	250	250	250	55	83	0.10	7.5	1	0.75	6
VAV-204	RCTA 215	AHU-2	100	150	150	55	90	0.10	5.7	1	0.55	6
VAV-205	SPECIAL PROJECTS 214	AHU-2	150	200	200	55	85	0.10	6.5	1	0.55	6
VAV-206	PROCUREMENT SPEC 246	AHU-2	200	375	375	55	75	0.10	8.1	1	0.55	6
VAV-207 (3)	ADMIN 245	AHU-2	425	600	525	55	94	0.30	25.2	2	1.33	8
VAV-208	MGR FISCAL OPERATIONS 239	AHU-2	125	250	250	55	82	0.10	7.2	1	0.55	6
VAV-209	SENIOR ACCT CLERK 241	AHU-2	200	200	200	55	85	0.10	6.6	1	0.55	6
VAV-210	FISCAL OFFICER 238	AHU-2	150	225	225	55	83	0.10	6.9	1	0.55	6
VAV-211	ACCT ANALYST 237	AHU-2	100	200	200	55	85	0.10	6.6	1	0.55	6
VAV-212 (3)	FISCAL CLERKS-OPEN OFFICE 236	AHU-2	400	900	900	55	73	0.20	17.8	1	1.00	10
VAV-213	FISCAL CLERKS-OPEN OFFICE 236	AHU-2	550	550	550	55	92	0.20	22.3	2	1.33	10
VAV-214 (3)	RULES LIBRARY 223	AHU-2	325	325	325	55	95	0.10	13.9	2	0.75	6
VAV-215	ADMIN OPEN OFFICE 224	AHU-2	750	850	750	55	91	0.30	33.6	2	2.00	10
VAV-216 (3)	ADMIN OPEN OFFICE 224	AHU-2	700	800	1,250	55	92	0.50	32.0	2	1.50	12
VAV-217 (3)	JURY TICKETS CLERK 228	AHU-2	200	200	200	55	93	0.10	8.3	1	1.33	6
VAV-218	FAMILY CASE COORD. 235	AHU-2	150	250	250	55	81	0.10	7.1	1	0.55	6
VAV-219	COURT ANALYST 230	AHU-2	100	150	150	55	90	0.10	5.7	1	0.55	6
VAV-220	STATE JURY COORDINATOR 234	AHU-2	125	300	300	55	82	0.10	8.9	1	0.55	8

NOTES:
(1) SUBMITTALS SHALL INDICATE HEATING CAPACITY AT HEATING CFM
(2) AIR SIDE PRESSURE DROP FOR ENTIRE VAV ASSEMBLY, INCLUDING HEATING COIL.
(3) PROVIDE COIL WITH 12 FPI.
4. BASIS OF DESIGN: TITUS DESV, REHEAT COIL 10 FPI.
5. HEATING FLUID IS WATER, EFT: 180 DEG F, LFT: 150 DEG F. MAXIMUM WPD THROUGH COIL 3 FT.

COOLING COIL SCHEDULE

SYMBOL	LOCATION	MBH TOT / SENS	SCFM	AIR TEMP IN (DB/WB)	AIR TEMP OUT (DB/WB)	SIZE WIDTH X HT (INCH)	MAX VEL (FPM)	MAX APD (INCH WC)	REFRIG-ERANT	SUCTION TEMP (DEGREES F)	REMARKS BASIS OF DESIGN
CC-1	AHU-1	145/137	6,600	74/60	55/52	57X35	480	0.4	R-410a	44	DX COOLING COIL: BY AHU SUPPLIER, 4 ROWS, 9 FPI.
CC-2	AHU-2	165/153	7,400	74/60	55/52	69X35	440	0.3	R-410a	44	DX COOLING COIL: BY AHU SUPPLIER, 4 ROWS, 8 FPI.
CC-3	AHU-3	130/120	5,400	74/60	53/51	42X55	350	0.2	R-410a	44	DX COOLING COIL: BY AHU SUPPLIER, 4 ROWS, 8 FPI.
CC-4	AHU-4	119/112	5,500	74/60	55/52	42X40	470	0.4	R-410a	44	DX COOLING COIL: BY AHU SUPPLIER, 4 ROWS, 8 FPI.

AIR INLET/OUTLET SCHEDULE

SYMBOL	MAX SCFM	MAX NC	MAX APD (IN WC)	ACTIVE FACE SIZE (INCH)	DUCT SIZE (INCH)	BASIS OF DESIGN	REMARKS
SA	100	–	0.01	12X12	8	TITUS MCD-AA	CEILING SUPPLY DIFFUSER: ALUMINUM, MODULAR CORE, ADJUSTABLE PATTERN, SQUARE NECK, COORDINATE BORDER TYPE WITH RCP.
SB	200	19	0.04	12X12	8	TITUS MCD-AA	SAME AS SA, EXCEPT SIZE.
SC	300	16	0.04	12X12	10	TITUS MCD-AA	SAME AS SA, EXCEPT SIZE.
SD	400	17	0.06	12X12	12	TITUS MCD-AA	SAME AS SA, EXCEPT SIZE.
SE	325	11	0.03	12X10	12X10	TITUS 271FL	WALL MOUNTED SUPPLY GRILLE SINGLE DEFLECTION, 3/4" SPACING, WITH EXTRACTOR AND 22.5 DEGREE THROW.
SF	250	14	0.07	18X18	10	TITUS TDC-AA	CEILING DIFFUSER: ALUMINUM, 24X24 MODULE, ROUND NECK, LAY-IN CEILING BORDER.
SG	1200	17	0.04	30X12	–	TITUS 271FL	ALUMINUM DUCT MOUNTED GRILLE SINGLE DEFLECTION, 3/4" SPACING, WITH EXTRACTOR AND 22.5 DEGREE THROW.
SH	–	–	–	–	–	–	EXISTING SUPPLY DIFFUSER, CLEAN AND WIPE DIFFUSER SURFACE. BALANCE AIRFLOW TO INDICATED CFM.
SI	125	20	0.06	48X2	10	TITUS TBDI-80	PLENUM SLOT DIFFUSER: STEEL, 1 SLOT, 1" WIDTH, ADJUSTABLE GASKETED BLADES, INSULATED PLENUM.
RA	1100	–	0.01	24X24	24X24	TITUS 50F	RETURN GRILLE: ALUMINUM 1/2" X 1/2" X 1/2" EGGCRATE GRID, COORDINATE BORDER TYPE WITH RCP.
RB	500	–	0.01	24X12	24X12	TITUS 50F	RETURN GRILLE: ALUMINUM 1/2" X 1/2" X 1/2" EGGCRATE GRID, COORDINATE BORDER TYPE WITH RCP.
RC	550	20	0.06	24X24	12X12	TITUS PAR-AA	PERFORATED RETURN GRILLE: ALUMINUM, 3/16" HOLES ON STAGGARD CENTERS. COORDINATE BORDER TYPE WITH RCP.
RD	325	11	0.03	12X10	12X10	TITUS 271FL	WALL MOUNTED RETURN GRILLE SINGLE DEFLECTION, 3/4" SPACING, WITH EXTRACTOR AND 22.5 DEGREE THROW.
RE	–	–	–	–	–	–	EXISTING RETURN GRILLE, CLEAN AND WIPE GRILLE SURFACE. BALANCE AIRFLOW TO INDICATED CFM.
RF	125	–	0.05	48X2	–	TITUS FL-20	RETURN SLOT GRILLE: 1 SLOT, 2" WIDTH, INSULATED RETURN HOOD AND LIGHT SHIELD.
EA	110	10	0.05	6X6	6	TITUS 50F	EXHAUST GRILLE: ALUMINUM 1/2" X 1/2" X 1/2" EGGCRATE GRID, COORDINATE BORDER TYPE WITH RCP.
EB	300	10	0.04	10X10	10	TITUS 50F	SAME AS EA, EXCEPT SIZE.
TA	1100	–	0.01	24X24	24X24	TITUS 50F	TRANSFER GRILLE: ALUMINUM 1/2" X 1/2" X 1/2" EGGCRATE GRID, COORDINATE BORDER TYPE WITH RCP.

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ALASKA COURT SYSTEM
SNOWDEN ADMIN BUILDING
MECHANICAL UPGRADES

Revisions

No.	Date	Description

1 INCH AT FULL SIZE
IF NOT 1 INCH, SCALE ACCORDINGLY

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Checked by: TDH
AMC Project: 21805
Date: 6/24/2022
Project Phase
PERMIT DRAWINGS
Sheet Title
SCHEDULES
Sheet Number
M003

FILE NAME: x:\21805 snowden\Dwgs\Mdwg\sheet files\21805 - M003.dwg
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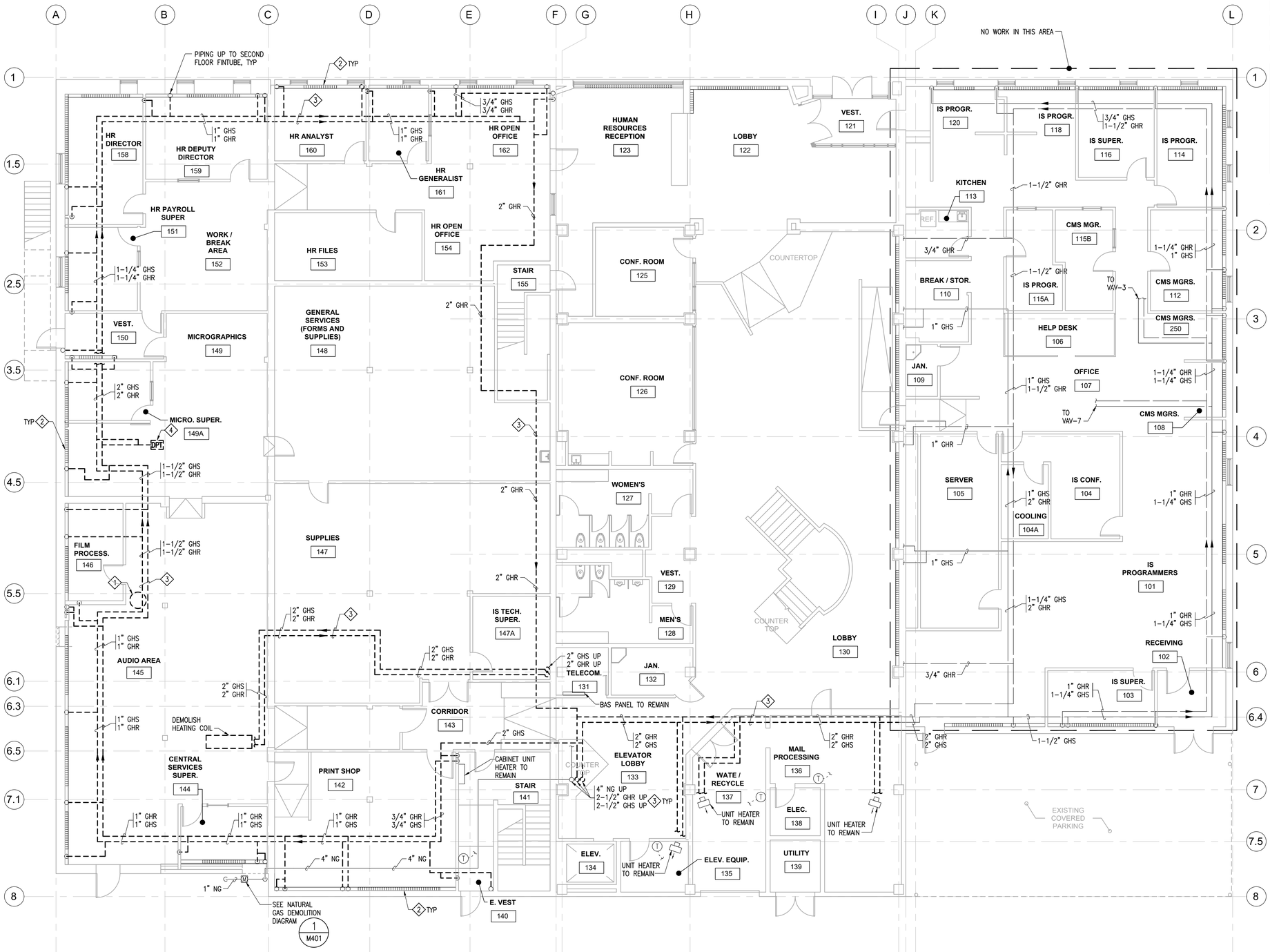

1 FIRST FLOOR PLAN - PIPING - DEMOLITION

1 / M101 SCALE: 1/8" = 1'-0"

0 4' 8' 16' 24'

MOA ePlans Stamp

NOTIFICATION OF POTENTIAL HAZARDS

ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

DEMOLITION NOTES

1. DEMOLISH WATER HEATER AND PIPING.
2. FINTUBE ENCLOSURE, ELEMENT, CONTROL VALVE, AND SPACE TEMPERATURE SENSOR (NOT SHOWN) TO REMAIN, TYPICAL.
3. DEMOLISH GHS/GHR PIPING AND SUPPORTS, TYPICAL.
4. DEMOLISH DIFFERENTIAL PRESSURE TRANSMITTER.
5. COORDINATE LIMITS OF DEMOLITION WITH NEW WORK.
6. FIELD VERIFY EXISTING CONDITIONS.

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Adams, Morgenthaler & Co., Inc.
CoA No. C0342 - 907.257.9100
701 E. Tudor Rd. Suite 250
Anchorage, AK 99503

STATE OF ALASKA 49TH
Tamara D. Hamler
6/24/2022
ME-9981
REGISTERED PROFESSIONAL ENGINEER
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ALASKA COURT SYSTEM SNOWDEN ADMIN BUILDING MECHANICAL UPGRADES

Revisions		
No.	Date	Description

1 INCH AT FULL SIZE
IF NOT 1 INCH, SCALE ACCORDINGLY

Designed by:	TBD/MPL
Checked by:	TDH
AMC Project:	21805
Date:	6/24/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
FIRST FLOOR PLAN - PIPING - DEMOLITION

Sheet Number
M101

FILE NAME: x:\21805 snowden\Dwgs\Mdwg\sheet files\21805 - M101.dwg
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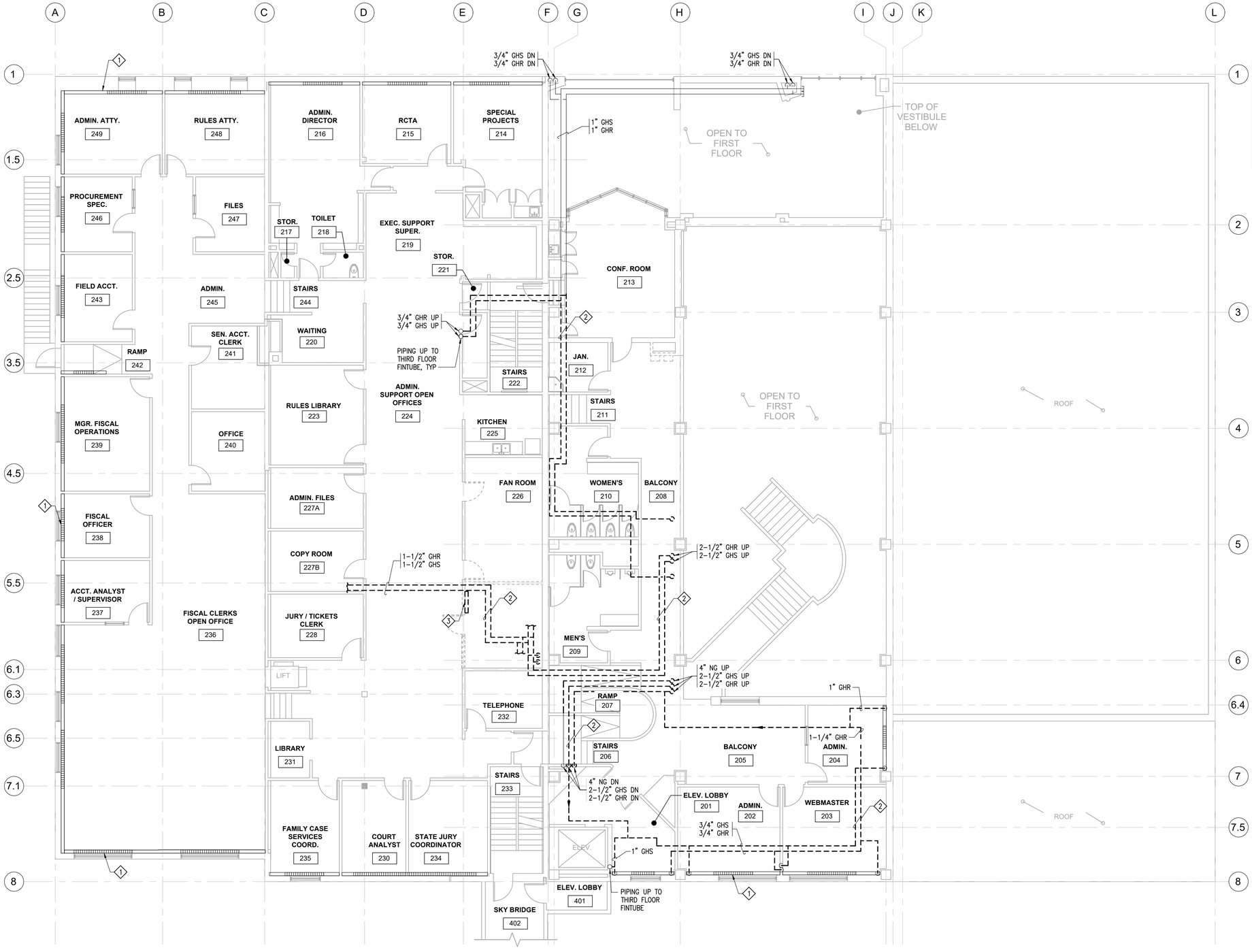

1 SECOND FLOOR PLAN - PIPING - DEMOLITION

1 / M102 SCALE: 1/8" = 1'-0"

0 4' 8' 16' 24'

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NOTIFICATION OF POTENTIAL HAZARDS

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DEMOLITION NOTES

1. FINTUBE ENCLOSURE, ELEMENT, CONTROL VALVE, AND SPACE TEMPERATURE SENSOR (NOT SHOWN) TO REMAIN, TYPICAL
2. DEMOLISH GHS/GHR PIPING AND SUPPORTS, TYPICAL.
3. REMOVE AND RETAIN BAS PANEL FOR RELOCATION.
4. COORDINATE LIMITS OF DEMOLITION WITH NEW WORK.
5. FIELD VERIFY EXISTING CONDITIONS.

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Revisions		
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AMC Project:	21805
Date:	6/24/2022

Project Phase
PERMIT DRAWINGS

Sheet Title
SECOND FLOOR PLAN - PIPING - DEMOLITION

Sheet Number
M102

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1 M103 THIRD FLOOR PLAN - PIPING - DEMOLITION

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

0 4' 8' 16' 24'

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NOTIFICATION OF POTENTIAL HAZARDS

ASBESTOS, LEAD, AND OTHER HAZARDOUS MATERIALS ARE PRESENT IN THE BUILDING AND MAY IMPACT THE WORK OF ALL TRADES. REGULATED AIR CONTAMINANTS, INCLUDING ASBESTOS AND LEAD, ARE ALSO PRESENT IN SETTLED AND CONCEALED DUST IN AND ON ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL COMPONENTS OR SYSTEMS THROUGHOUT THE BUILDING. ALL TRADES SHALL COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO SPECIFICATION DIVISIONS 0, 1, AND 2 FOR SPECIFIC INFORMATION CONCERNING DISTURBING, REMOVING, AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF THE NEW MATERIALS OR COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

DEMOLITION NOTES

1. FINTUBE ENCLOSURE, ELEMENT, CONTROL VALVE, AND SPACE TEMPERATURE SENSOR (NOT SHOWN) TO REMAIN, TYPICAL.
2. DEMOLISH GHS/GHR PIPING AND SUPPORTS, TYPICAL.
3. DEMOLISH FINTUBE ENCLOSURE, ASSOCIATED PIPING, VALVING, AND CONTROLS.
4. COORDINATE LIMITS OF DEMOLITION WITH NEW WORK.
5. FIELD VERIFY EXISTING CONDITIONS.
6. SEE 1/M107 FOR ROOF PLAN.

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Project Phase
PERMIT DRAWINGS

Sheet Title
THIRD FLOOR PLAN - PIPING - DEMOLITION

Sheet Number
M103

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