

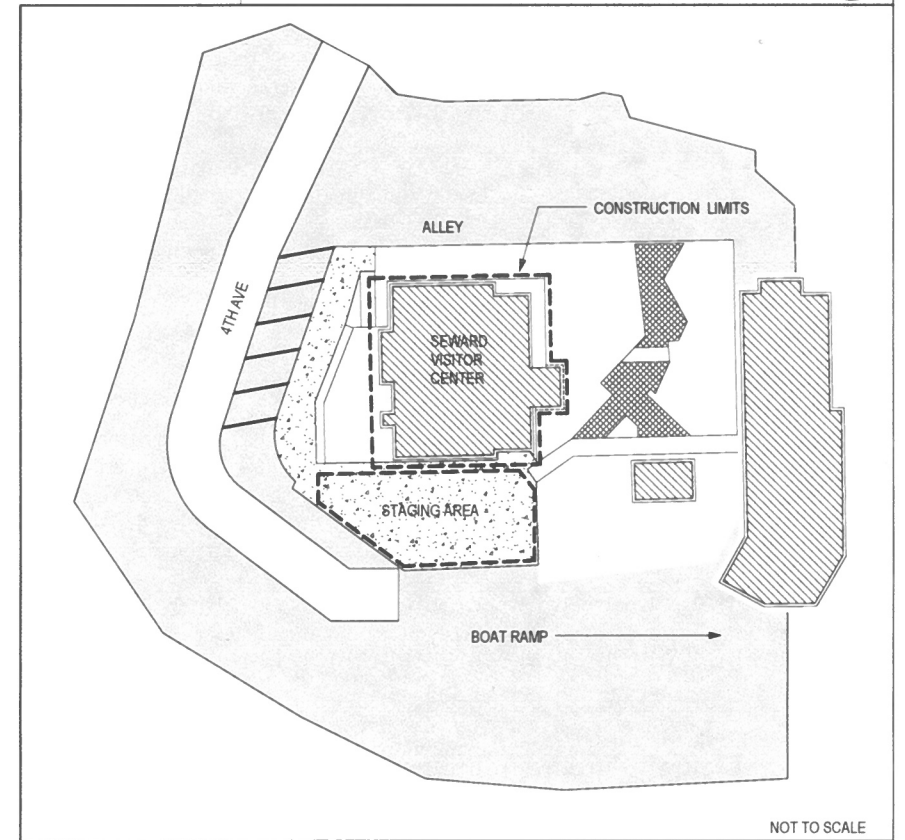
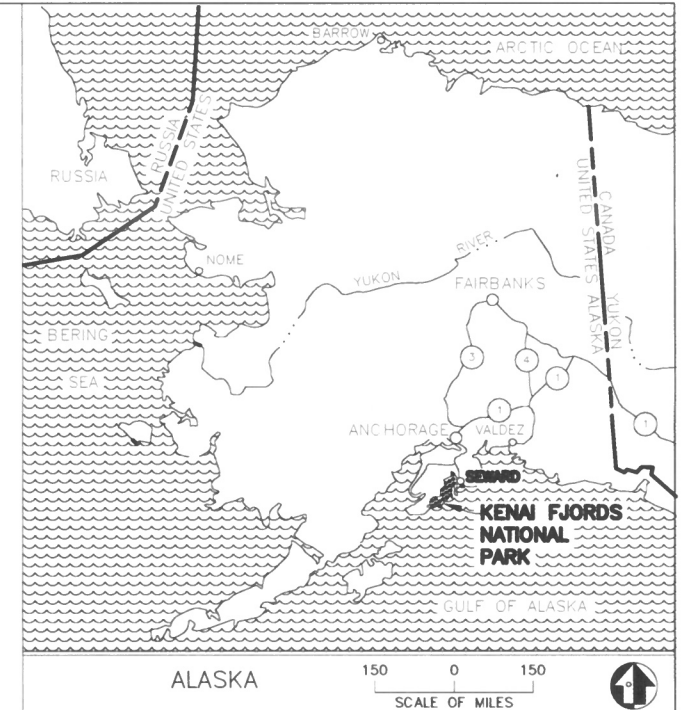
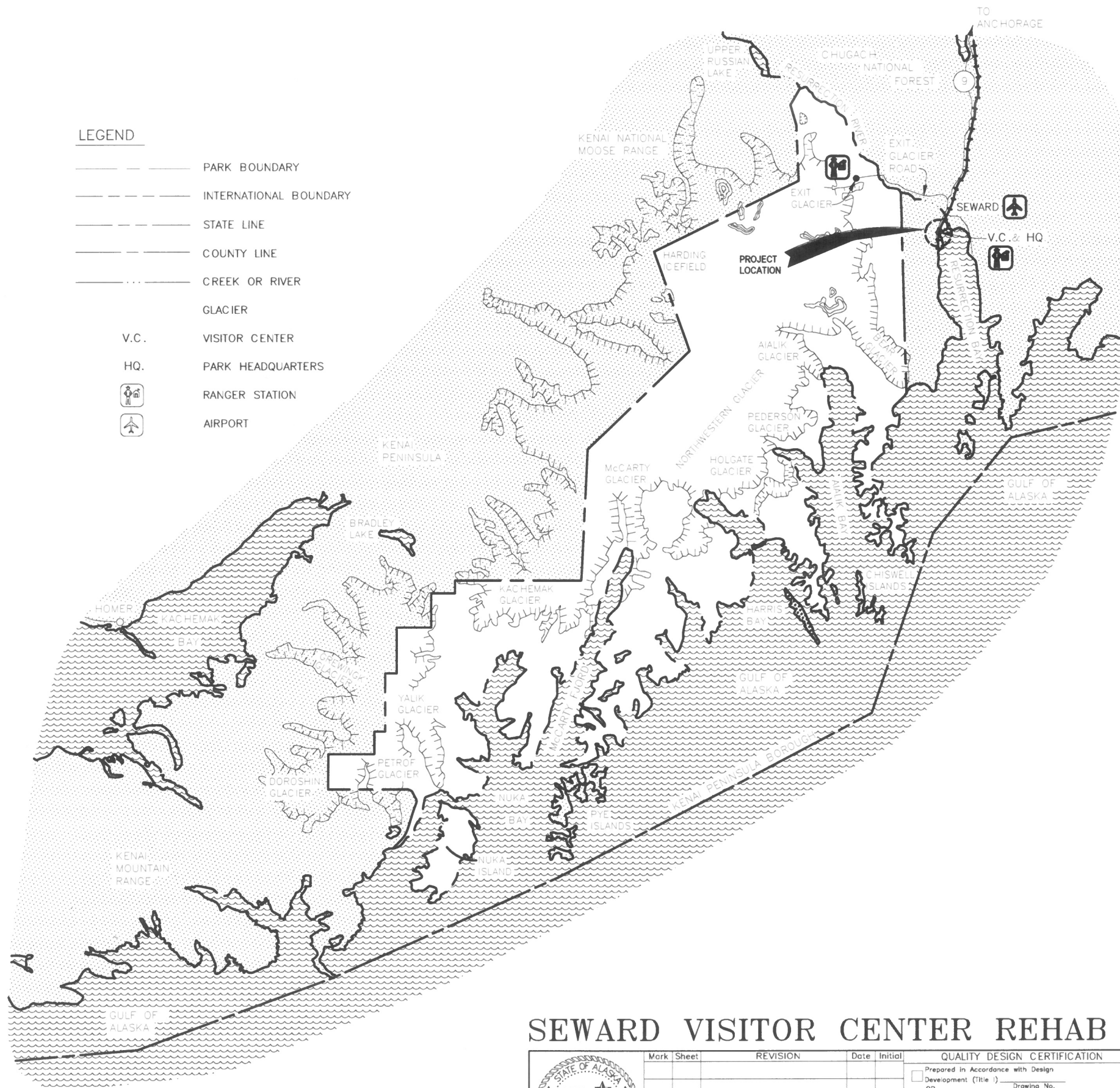
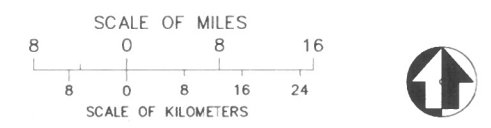


LEGEND

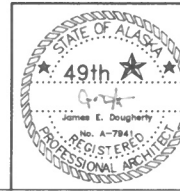
- PARK BOUNDARY
- INTERNATIONAL BOUNDARY
- STATE LINE
- COUNTY LINE
- CREEK OR RIVER
- GLACIER
- V.C. VISITOR CENTER
- HQ. PARK HEADQUARTERS
-  RANGER STATION
-  AIRPORT



SITE PLAN



SEWARD VISITOR CENTER REHAB



Mark	Sheet	REVISION	Date	Initial

QUALITY DESIGN CERTIFICATION

Prepared in Accordance with Design Development (Title I) Drawing No. _____

OR

Variance from Design Development (Title I) Approved by Superintendent on _____ Date _____

OR

Construction Drawing Not Preceded by Design Development (Title I) by _____ Date 10/27/16

Project Manager _____ Date _____



CONSTRUCTION DOCUMENTS

UNITED STATES
DEPARTMENT OF THE INTERIOR

NATIONAL PARK SERVICE
ALASKA REGIONAL OFFICE

TITLE OF DRAWING
SEWARD VISITOR CENTER REHAB

LOCATION WITHIN PARK
SEWARD

NAME OF PARK
KENAI FJORDS NATIONAL PARK

REGION ALASKA BOROUGH STATE ALASKA

DRAWING NO.	186
PKG. NO.	184638
SHEET	1
OF	73

PROJECT SUMMARY and BID OPTIONS

The Seward Visitor Center is to be renovated as shown in the following documents to accommodate the new Exhibit Space on the first floor and rehabilitate the center for accessibility. The scope of the work on the interior will include the following:

- reorganization of the existing spaces to meet the needs of the visitors of the building and the employees of the National Park Service
- an elevator addition that also includes additional storage space that is accessed from the exterior only
- new mechanical space with access from the exterior of the building
- a remodeled theater space
- new mens and womens bathrooms, janitor closet and storage
- new floor and wall finishes throughout the floor
- new siding on the exterior of the building
- new metal roof

BID OPTIONS:
 Bid Option 1: The replacement of all existing windows with new fiberglass windows

DRAWING INDEX

SHEET NO	SUB SHEET NO	SHEET NAME	SHEET NO	SUB SHEET NO	SHEET NAME	SHEET NO	SUB SHEET NO	SHEET NAME	SHEET NO	SUB SHEET NO	SHEET NAME	SHEET NO	SUB SHEET NO	SHEET NAME
1	G001	COVER SHEET	14	A106	REFLECTED CEILING PLAN - SECOND FLOOR	30	S002	STATEMENT OF SPECIAL INSPECTIONS	47	M201	FIRST FLOOR UNDER FLOOR PLUMBING REMODEL PLAN	60	E102	POWER & SIGNAL DEMOLITION PLAN - FIRST FLOOR
2	G002	DRAWING INDEX AND CODE ANALYSIS	15	A107	ROOF PLAN	31	S100	FOUNDATION PLAN	48	M202	FIRST FLOOR ABOVE FLOOR PLUMBING REMODEL PLAN	61	E103	LIGHTING DEMOLITION PLAN - SECOND FLOOR
3	G003	LIFE SAFETY PLANS	16	A201	EXTERIOR ELEVATIONS	32	S101	FIRST FLOOR FRAMING PLAN	49	M203	SECOND FLOOR ABOVE FLOOR PLUMBING REMODEL PLAN	62	E104	POWER & SIGNAL DEMOLITION PLAN - SECOND FLOOR
4	G004	ACCESSIBLTY COMPLIANCE AND MOUNTING HEIGHTS	17	A202	EXTERIOR ELEVATIONS	33	S102	SECOND FLOOR FRAMING PLAN	50	M301	FIRST FLOOR HVAC REMODEL PLAN	63	E201	LIGHTING REMODEL PLAN - FIRST FLOOR AND EXHIBIT SCHEDULE
			18	A301	BUILDING SECTIONS	34	S103	ROOF FRAMING PLAN	51	M302	SECOND FLOOR HVAC REMODEL PLAN	64	E202	LIGHTING REMODEL PLAN - SECOND FLOOR
5	A001	ABBREVIATIONS AND SYMBOLS LEGEND	19	A302	WALL SECTIONS	35	S201	BUILDING SECTIONS	52	M401	MECHANICAL PLANS AND SCHEMATICS	65	E301	POWER REMODEL PLAN - FIRST FLOOR
6	A002	PARTITION TYPES	20	A303	WALL SECTIONS	36	S301	ELEVATOR DETAILS	53	M501	MECHANICAL DETAILS	66	E302	POWER REMODEL PLAN - SECOND FLOOR
			21	A304	ELEVATOR SECTIONS	37	S401	FOUNDATION DETAILS	54	M502	MECHANICAL DETAILS	67	E401	SIGNAL REMODEL PLAN - FIRST FLOOR
			22	A401	ENLARGED PLANS	38	S501	FRAMING DETAILS	55	F101	FIRST FLOOR FIRE PROTECTION PLAN	68	E402	SIGNAL REMODEL PLAN - SECOND FLOOR
7	AD101	DEMO FLOOR PLANS - FIRST FLOOR	23	A402	INTERIOR ELEVATIONS	39	S502	FRAMING DETAILS	56	F102	SECOND FLOOR FIRE PROTECTION PLAN	69	E501	ENLARGED POWER & SIGNAL REMODEL PLAN - FIRST FLOOR
8	AD102	DEMO FLOOR PLANS - SECOND FLOOR	24	A501	OPENING DETAILS				57	E001	LEGEND	70	E601	ELECTRICAL ONE-LINE DIAGRAMS
			25	A502	DETAILS	40	M001	LEGEND ABBREVIATIONS AND SCHEDULES	58	E002	SCHEDULES	71	E602	FIRE ALARM & SECURITY ONE-LINE DIAGRAMS
			26	A503	DETAILS	41	M002	SCHEDULES	59	E101	LIGHTING DEMOLITION PLAN - FIRST FLOOR	72	E701	DETAILS
			27	A601	DOOR SCHEDULE	42	M101	CRAWL SPACE DEMOLITION PLAN				73	E801	PANEL SCHEDULES
			28	A602	FINISH SCHEDULE	43	M102	FIRST FLOOR PLUMBING DEMOLITION PLAN						
			29	S001	GENERAL NOTES	44	M103	SECOND FLOOR PLUMBING DEMOLITION PLAN						
						45	M104	FIRST FLOOR HVAC DEMOLITION PLAN						
						46	M105	SECOND FLOOR HVAC DEMOLITION PLAN						

CODE ANALYSIS

The following information shall be used as reference for determining the projects general conformance to the below listed codes. No deviation is allowed unless approved by the Architect writing. The following Codes were used:

International Building Code	2012 Edition
International Mechanical Code	2009 Edition
International Energy Conservation Code (IECC)	2006 Edition [Climate Zone 7]
Uniform Plumbing Code	2009 Edition
International Fire Code	2009 Edition
National Electrical Code	2011 Edition
Architectural Barriers Act	2004 Edition
Accessible and Usable Buildings and Facilities (ICC/ANSI A117.1)	2009 Edition

All requirements will be met of the Energy Conservation Requirements per the IECC Section 502 and IECC Tables 502.2(1) and 502.3 Climate Zone 7, including local amendments

Location: 2100 Seward Highway Seward, AK 99664
 Zone:

International Building Code (IBC) 2012 Edition
Chapter 3 – USE AND OCCUPANCY CLASSIFICATION
Section 302.1 - General

This building has been designated to include the following occupancy groups:

- Assembly: Group A-3
- Business: Group B

Section 303.4 – Assembly Group A-3

The Lecture Hall and Exhibition Space will be considered as A-3

Section 304.1 – Business Group B

All offices, miscellaneous storage, mechanical, and their respective support spaces will be designated as B occupancies

Chapter 4 – SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY

There are no requirements within this Chapter that apply

Chapter 5 – GENERAL BUILDING HEIGHTS AND AREAS

Section 503.1 - General (Table 503- Type VB, fully sprinklered)

The type of construction for all applicable occupancies as well as their corresponding tabular areas per floor are as defined on sheet G001 in the set of drawings.

The maximum area allowed will be based on the tabular values of 503 as follows:

- Type VB, Group A3- 1 Story with 6000 sq.ft
- Type VB, Group B2- 2 Story with 9000 sq.ft

Section 504.2 – Automatic Sprinkler system increase

This building will be equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.11 and therefore the maximum building height per Table 503 is increased by 20 feet and the maximum number of stories is increased by one- the values are as follows:

- Type VB, Group A3- 2 Story with 6000 sq.ft
- Type VB, Group B2- 3 Story with 9000 sq.ft

These increases are permitted in addition to the building area increase in accordance with Section 506.2 and 506.3.

Section 505 Mezzanines

There are no requirements within this section that apply

Section 506.1 General

Maximum Allowable Areas per Occupancy is as Follows:

Group A3: (6,000 + [6,000 x .75] + [6,000 x 2]) = 22,500 allowable sq ft per floor
 Group B2: (9,000 + [9,000 x .75] + [9,000 x 2]) = 33,750 allowable sq ft per floor
Actual Area First Floor = 2,870 sf
Actual Area Second Floor = 1,387 sf
Total = 4,257 sf

Section 506.2 Frontage Increase

Minimum distance to a property lines is 20'-0". This building has 100% of its perimeter on a public way or open space having a minimum width of 20 feet.
 If = .75 [equation 5-2].

506.3 Automatic Sprinkler System Increase

The building is being equipped throughout with an approved automatic sprinkler system in accordance with Section 903.3.1.1 and therefore the building area limitation in Table 503 is permitted to be increased an additional 200%.

These increases are permitted in addition to the height and story increases in accordance with Section 504.2 The Is = 200 at the building's two story construction.

Section 507 Unlimited Area Buildings

There are no requirements within this section that apply

Section 508 Mixed Use and Occupancy

Section 508.1 General

Each portion of the building will be individually classified in accordance to Section 302.1. This building contains more than one occupancy group (Assembly-A3 and Business- B), the building or portion thereof shall comply with the provisions of Section 508.2 and 508.3

Section 508.2 Accessory occupancies

Accessory occupancies are those occupancies that are ancillary to the main occupancy of the building or portion thereof. The portion of this building that is classified as a Business Occupancy (B) will be considered an accessory occupancy and will comply with the provisions of Sections 508.2.1 through 508.2.5.3

Section 508.3 Non-separated occupancies

Buildings or portions of buildings that comply with the provisions of this section shall be considered as non-separated occupancies.

Section 508.3.1 Occupancy classification

Non-separated occupancies shall be individually classified in accordance with Section 302.1. The requirements of this code shall apply to each portion of the building based on the occupancy classification of that space. In addition...to the total non-separated occupancy area.

Section 508.3.2 Allowable building area and height

The allowable building area and height of the building or portion thereof shall be based on the most restrictive allowances for the occupancy groups (Occupancy Group A3- 2 story, 22,500 sf) under consideration for the type of construction of the building in accordance with Section 503.1

Section 508.3.3 Separation

No separation is required between occupancies

Section 509 Special Provisions

There are no requirements within this section that apply

Chapter 6 – TYPES OF CONSTRUCTION

Section 602.1 – General Construction (Table 601 and Table 602)

This building will be designated as: Type VB (Non- Rated) construction, fully sprinklered throughout Table 601 – Fire Resistance Rating Requirements for Building Elements

Structural Frame	0 HR
Exterior Bearing Walls	0 HR
Interior Bearing Walls	0 HR
Interior Non Bearing Walls	0 HR
Floor Construction	0 HR
Roof Construction	0 HR

Based on the proposed site parameters with frontage clearance greater than 30 feet on all open sides the exterior walls (Table 602) require no fire resistance ratings.
 X>30 = 0 HR for all Types

Chapter 7 – FIRE AND SMOKE PROTECTION FEATURES

Section 704 – Fire-Resistance Rating of Structural Members

Section 708.5 EXTERIOR WALLS

Where exterior walls serve as a part of a required fire resistance rated shaft or exit enclosure, or separation, such walls shall comply with the requirements of Section 705 for exterior walls and the fire-resistance-rated enclosure or separation requirements shall not apply.

Section 713 SHAFT ENCLOSURES

Section 713.4 Fire Resistance rating
 Shaft enclosures shall have a fire resistance rating of not less than 2 hours where connecting four stories or more, and not less than 1 hour where connecting less than four stories.

Section 713.14.1 ELEVATOR LOBBY

Exception 4
 Enclosed elevator lobbies are not required where the building is protected by an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2

Chapter 9 – FIRE PROTECTION SYSTEMS

Section 906.1 Where required

Portable fire extinguishers shall be installed in the following locations. Within 75' of travel distance.

Chapter 10 – MEANS OF EGRESS (And Table 1003.2.2.2 and 1003.2.3)

Section 1003.2 – Ceiling Height

The means of egress shall have a ceiling height of not less than 7 feet 6 inches

Section 1003.6 – Means of egress continuity

Continuity: the path of egress travel along a means of egress shall not be interrupted by any building element other than a means of egress component.

Section 1003.7 – Elevators, escalators, and moving walks

Elevators: Elevators shall not be used as a component of a required means of egress from any other part of the building

Section 1004.1.1 – Areas without fixed seating

The number of occupants shall be computed at the rate of one occupant per unit of area as prescribed in Table 1004.1.1

Accessory storage areas, mechanical equipment rooms.....	300 gross
Business areas and workroom.....	100 gross
Assembly without fixed seats	
Concentrated (chairs only- not fixed).....	7 net
Assembly	
Exhibit Gallery and Museum.....	30 net

Occupant Loads:

First Floor Business:	=	5 occ
First Floor Exhibit Gallery:	=	58 occ
First Floor Assembly without fixed seats:	=	59 occ
First Floor Storage/Mechanical:	=	5 occ
.....		
First Floor Total	=	127 occ
.....		
Second Floor Business:	=	10 occ
Second Floor Storage/Mechanical	=	1 occ
.....		
Second Floor Total	=	11 occ
.....		
Total Building Occupancy	=	138 occ

Section 1007.1 Accessible means of egress required

Accessible means of egress shall comply with this section. Accessible spaces shall be provided with not less than one accessible means of egress. Where more than one means of egress are required by Section 1015.1 or 1021.1 from any accessible space, each accessible portion of the space shall be served by not less than two accessible means of egress

Exception 1 Applies: Accessible means of egress are not required in alterations to existing buildings

Section 1009.2.1 Interior Exit Stairs

Interior exit stairways shall lead directly to the exterior of the building or shall be extended to the exterior of the building with an exit passage way conforming to the requirements of Section 1023, except as permitted in Section 1027.1

Section 1009.3.1.2 Fire-resistive rating

Exit access stairway enclosures shall have a fire-resistive rating of not less than 2 hours where connecting four stories or more, and not less than 1 hour where connecting less than four stories. The number of stories connected by the exit access stairway enclosures shall include any basements, but not any mezzanines. Exit access stairway enclosures shall have a fire resistive rating not less than the floor assembly penetrated, but need not exceed 2 hours.

Section 1009.4 Width

The width of the stairways shall be determined as specified in Section 1005.1, but such width shall not be less than 44 inches

Exception 1 Applies: Stairways serving and occupant load of less than 50 shall have a width not less than 36 inches

Section 1021.2 Exits from stories

Two exits, or exit access stairway or ramps providing access to exits, from any story or occupied roof shall be provided where one of the following conditions exists:

Condition 2 Applies: The exit access travel distance exceeds that specified in Table 1021.2 (1) or 1021.2 (2) as determined in accordance with the provisions of Section 1016.1

The building does not exceed Second Story- Occupancy B- Maximum occupants 29 and 75'-0" feet maximum exit travel distance, therefore only (1) exit is required from the second floor. Three exits are provided from the first floor.

Chapter 29 – Plumbing Systems

Section 2902.1 – Minimum number of fixtures

Plumbing fixtures shall be provided for the type of occupancy and in the minimum number shown in Table 2902.1

Assembly (A3)-
 Water Closets: For male: 1 per 125
 For female: 1 per 65
 127/2 = 64 occupants for male and female
For male and female: 1 required, 1 water closets provided

Lavatories: For male and female: 1 per 200
 127/2 = 64 occupants for male and female
For male and female: 1 required, 1 provided

Drinking Fountains: 1 per 500

1 required, 2 provided

Other: 1 service sink
 1 required
 Business (B)-
 Water Closets: For male and female: 1 per 25 for the first 50 and 1 per 50 for the remainder exceeding 50 separate facilities not required when serving an occupant load of 15 or less IBC 2902.2
1 unisex provided

RIM ARCHITECTS
 645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
 PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
 CORPORATE NO. AECL1227.

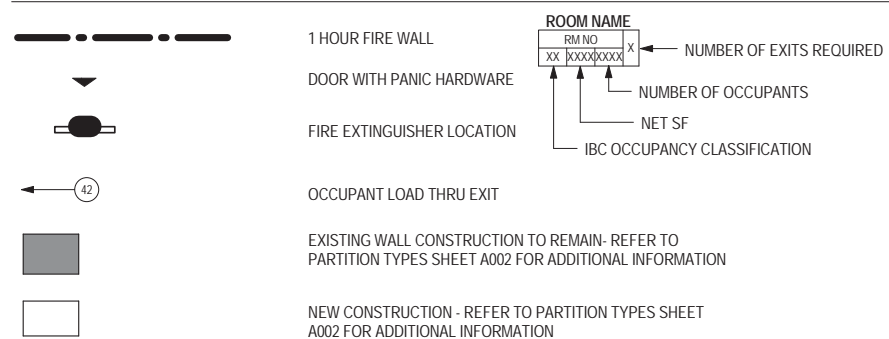


DESIGNED: MCL	SUB SHEET NO.	G002	TITLE OF SHEET DRAWING INDEX AND CODE ANALYSIS	DRAWING NO. 186
CADD: MCG				80,040
TECH REVIEW: TR/MCL				PMIS/PKG NO. 184638
DATE: 2016.09.28				SHEET 2 OF 73

GENERAL PROJECT NOTES:

1. CONTRACT DOCUMENTS: THE CONTRACT DOCUMENTS FOR THIS PROJECT, TITLED KENAI FJORDS VISITOR CENTER, DATED 09.20.2016, CONSIST OF THE DRAWINGS AND SPECIFICATIONS FROM ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL. ALL INFORMATION HEREIN SHALL BE TREATED EQUALLY, WITHOUT ANY HIERARCHY, AND/OR ORDER OF PRECEDENCE, UNLESS OTHERWISE NOTED.
2. ELECTRONIC MEDIA: THE CONSTRUCTION DOCUMENTS HAVE BEEN PREPARED UTILIZING ELECTRONIC DRAFTING FORMATS OF AUTODESK REVIT VERSION 2015. THE AVAILABILITY OF ELECTRONIC BASE FLOOR PLANS, AND/OR ANY OTHER RELATED DOCUMENT FOR USE BY THE GENERAL CONTRACTOR FOR USE ON THIS SPECIFIC PROJECT IS CONDITIONALLY GRANTED THROUGH PERMISSION OF THE CONTRACTING OFFICER.
3. VERIFY CONDITIONS: THE CONTRACTOR SHALL VERIFY ALL PROJECT-RELATED NEW AND/OR EXISTING CONDITIONS INCLUDING DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK PROMPTLY NOTIFY THE CONTRACTING OFFICER IN WRITING OF DISCREPANCIES AND/OR UNKNOWN CONDITIONS OBSERVED.
4. DRAWING FORMAT: THESE CONSTRUCTION DOCUMENTS HAVE BEEN PRODUCED AT DRAWING SCALES THAT RELATE TO THEIR FULL SIZE FORMAT 22"x34" ANY DEVIATIONS TO THIS FORMAT SIZE WILL PRODUCE DRAWINGS OUTSIDE OF THE SCALE LIMITS INDICATED DRAWING REPRODUCTIONS AT ANY FORMAT SHOULD NOT BE SCALED FOR DIMENSIONAL ACCURACY USE GRAPHIC SCALES ACCORDINGLY.
5. PREPARATION OF DOCUMENTS: THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED FROM CONSTRUCTION DOCUMENTS DATED 06/85 PROVIDED BY THE CONTRACTING OFFICER ANY DEVIATION FROM THESE CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE DEPARTMENT FOR RESOLUTION.
6. SELECTIVE DEMOLITION: THIS PROJECT INVOLVES THE SELECTIVE DEMOLITION OF EXISTING FACILITIES THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND DISPOSAL AS MANDATED IN THE DOCUMENTS ALL DEMOLISHED MATERIALS WILL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSITION OF ALL SUCH MATERIALS MUST BE TAKEN INTO CONSIDERATION.
7. HAZARDOUS MATERIALS: IT IS NOT EXPECTED THAT HAZARDOUS MATERIALS WILL BE ENCOUNTERED IN THE WORK, IF SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY DEPARTMENT. HAZARDOUS MATERIALS WILL BE REMOVED BY THE DEPARTMENT UNDER SEPARATE CONTRACT.
8. PROJECT PERMITTING: THE CONTRACTOR SHALL OBTAIN ALL REQUIRED BUILDING PERMITS.
9. SITE SAFETY: CONTRACTOR IS RESPONSIBLE FOR ALL PROJECT RELATED SAFETY MEASURES ON-SITE, DURING THE PROJECTS CONSTRUCTION PERIOD NOTIFY THE GENERAL CONTRACTOR AND/OR THE DESIGNATED "SAFETY OFFICER" AT ONCE SHOULD ANY SAFETY RELATED CONCERNS BE OBSERVED ON-SITE.

LIFE SAFETY PLAN LEGEND

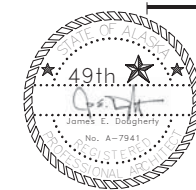
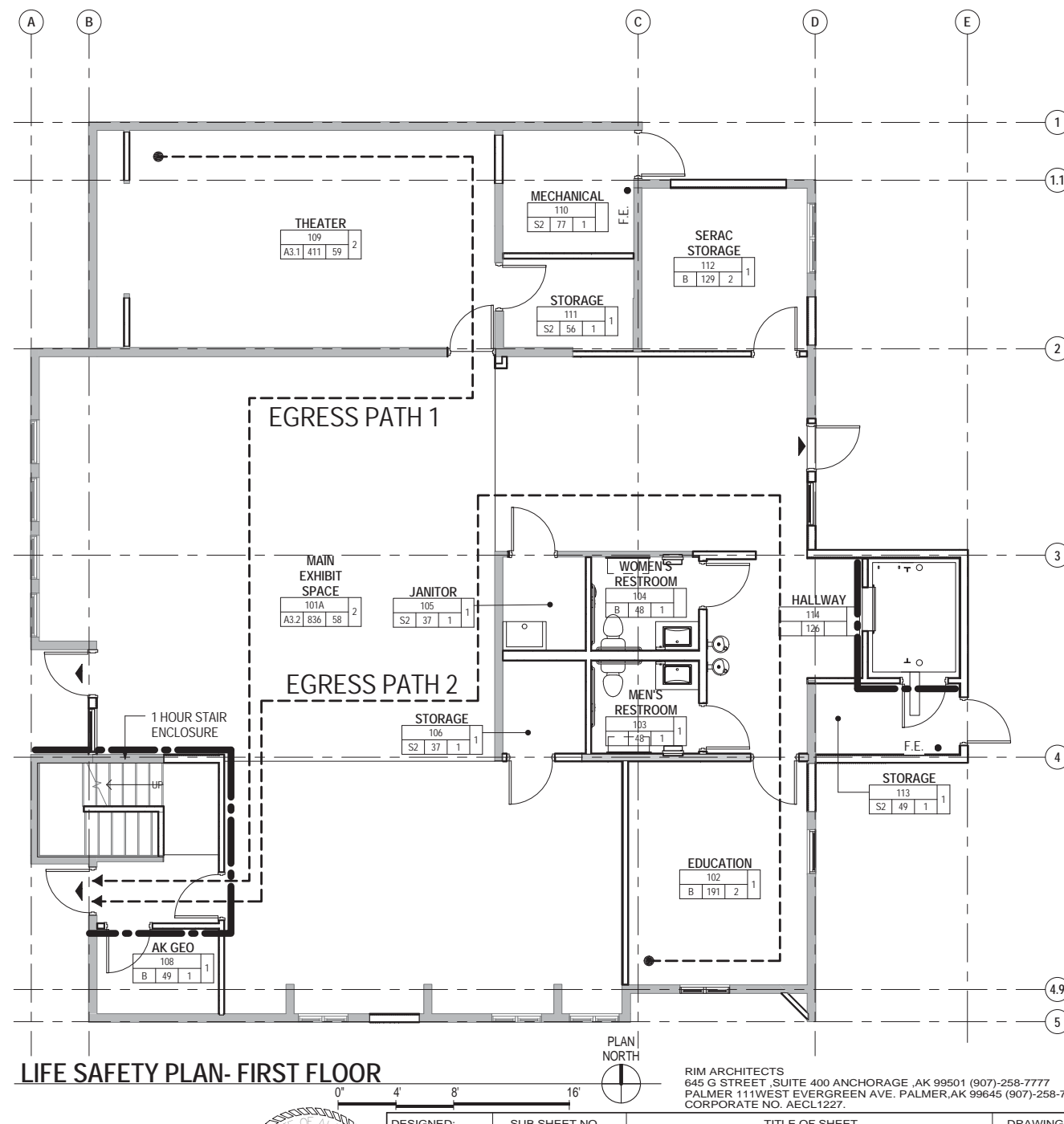
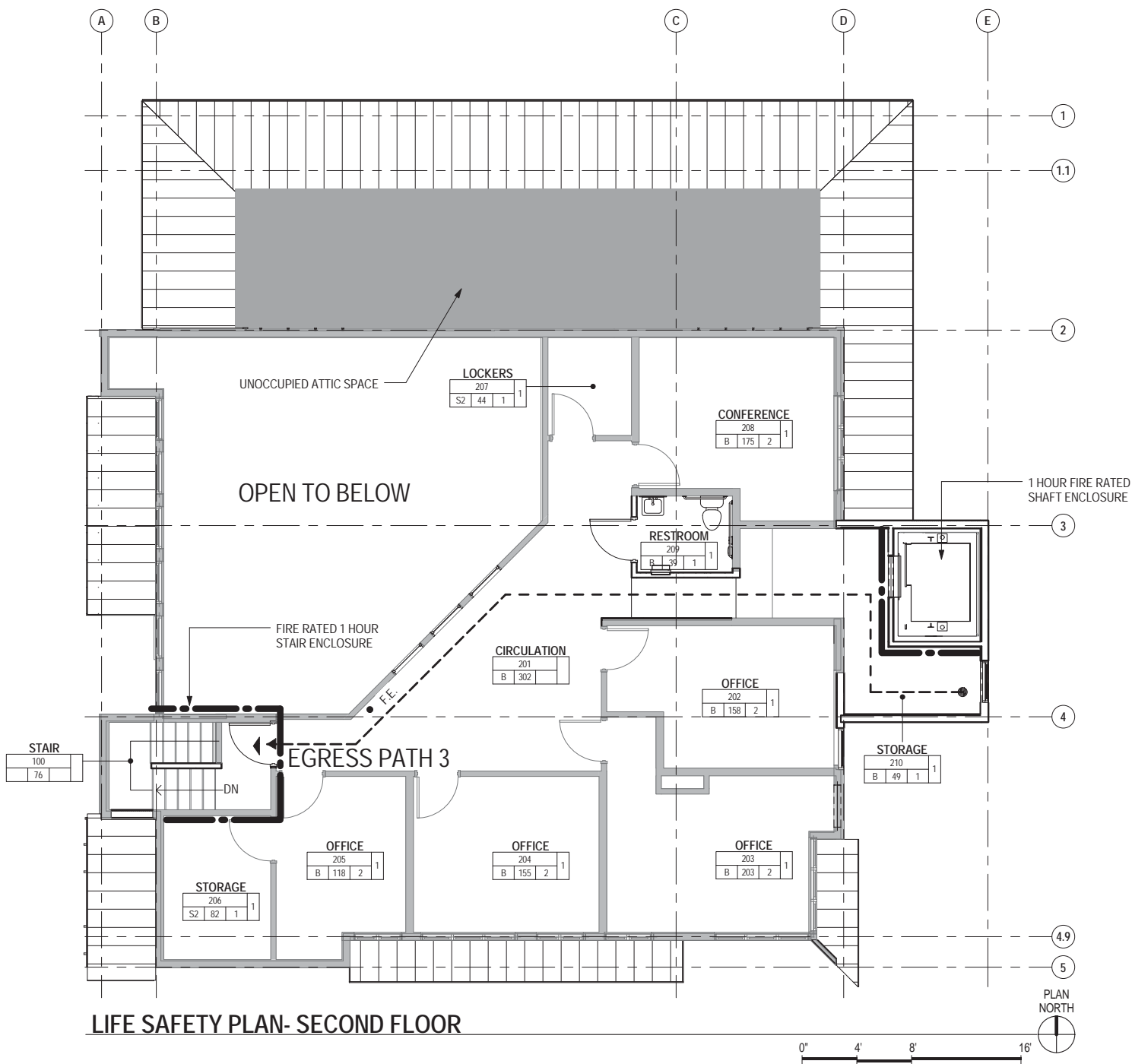


LIFE SAFETY PLAN GENERAL NOTES

1. REFERENCE CODES: ALL WORK SHALL CONFORM TO ALL APPLICABLE BUILDING CODES, STANDARDS, REGULATIONS, AND OTHER SUPPLEMENTAL AMENDMENTS RELATED TO THE JURISDICTIONS OF THE PROJECT, IN THEIR LATEST AND MOST RECENT ADOPTED EDITIONS, AND EFFECTIVE DATES.

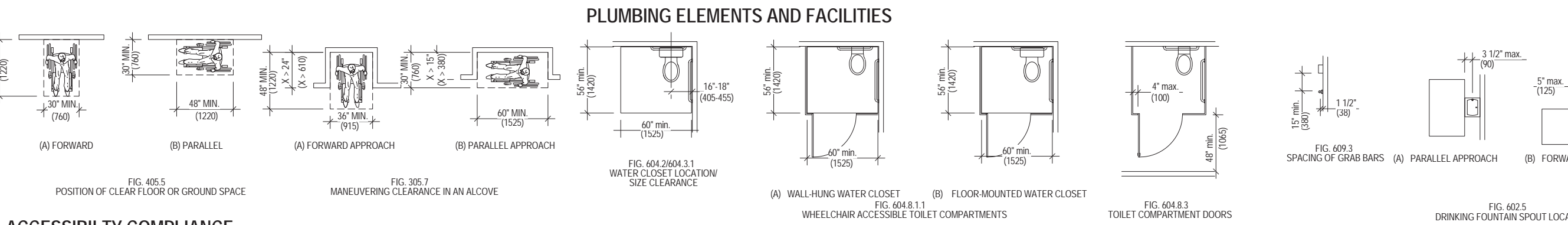
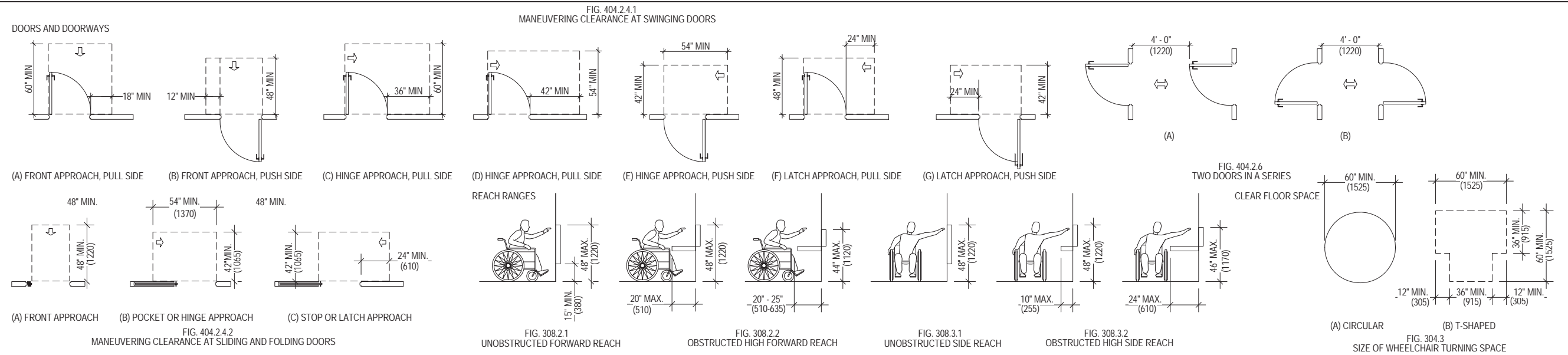
EGRESS PATH TRAVEL DISTANCES

EGRESS PATH NAME	EGRESS PATH- TOTAL DISTANCE
1	98' - 2"
2	117' - 0"
3	62' - 6"



DESIGNED: MCL	SUB SHEET NO. G003	TITLE OF SHEET LIFE SAFETY PLANS	DRAWING NO. 186
CADD: MCG			80,040
TECH REVIEW: JED/MCL			PMIS/PKG NO. 184638
DATE: 2016.09.28		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	SHEET 3 OF 73

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 CORPORATE NO. AECL1227.



ACCESSIBILITY COMPLIANCE



PLUMBING FIXTURE AND TOILET ACCESSORY MOUNTING HEIGHTS

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 PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
 CORPORATE NO. AECL1227.



DESIGNED: MCL	SUB SHEET NO. G004	TITLE OF SHEET ACCESSIBILITY COMPLIANCE AND MOUNTING HEIGHTS	DRAWING NO. 186
CADD: MCG		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	80,040
TECH REVIEW: JED/MCL			PMIS/PKG NO. 184638
DATE: 2016.09.28			SHEET 4 OF 73

ABBREVIATIONS LEGEND

A	E	I	P	T
AB ANCHOR BOLT ABS STYRENE ABV ABOVE A/C AIR CONDITIONING AC ASPHALTIC CONCRETE ACP ACOUSTICAL CEILING PANEL AD AREA DRAIN ADDL ADDITIONAL ADF ACCESSIBLE DRINKING FOUNTAIN ADJ ADJACENT AFF ABOVE FINISH FLOOR AFS ABOVE FINISH SLAB AGGR AGGREGATE ALUM ALUMINUM ALT ALTERNATE ANOD ANODIZED APPROX APPROXIMATE ARCH ARCHITECTURAL	E EAST EA EACH EIFS EXTERIOR INSULATION FINISH SYSTEM EJ EXPANSION JOINT EL ELEVATION ELAST ELASTOMERIC ELEC ELECTRICAL ELEV ELEVATOR EMER EMERGENCY ENCL ENCLOSURE EPB ELECTRICAL PANEL BOARD EPDM ETHYLENE PROPYLENE DIENE MONOMER ES EACH SIDE EQ EQUAL EQUIP EQUIPMENT EOS EDGE OF SLAB EWC ELECTRIC WATER COOLER EXH EXHAUST EXP EXPOSED EXPN EXPANSION EXT EXTERIOR (E) EXISTING	ID INSIDE DIAMETER INCL INCLUDED IMP INSULATED METAL PANEL IN INCH INFO INFORMATION INSUL INSULATION/INSULATED INT INTERIOR INV INVERT IHM INSULATED HOLLOW METAL	PA PUBLIC ACCESS PC PIECE PCC PRECAST CONCRETE PEND PENDANT PERM PERMETER PH PENTHOUSE PLAS PLASTER PLBG PLUMBING PL PROPERTY LINE PLAM PLASTIC LAMINATE PLYWD PLYWOOD PWL PANEL PR PAIR PROP PREFAB PT PAINT PTD PAPER TOWEL DISPENSER PTDR AND RECEPTACLE	T TREAD TB TOWEL BAR TO BE DETERMINED TD TRENCH DRAIN TEL TELEPHONE TEMP TEMPERATURE TER TERRAZZO T&G TERRAZZO AND GROOVE THRES THRESHOLD THRU THROUGH THK THICKNESS TK BD TACK BOARD TMP TEMPERED TOC TOP OF CURB TOM TOP OF MASONRY TOP TOP OF PARAPET TOW TOP OF WALL TPD TOILET PAPER DISPENSER TPH TOILET PAPER HOLDER TS TUBE STEEL TSH TOWEL SHELF TSTAT THERMOSTAT TV TYPICAL TYP TYPICAL TLT TOILET
B	F	K	Q	U
BBO BARBEQUE BCS BABY CHANGING STATION BD BOARD BFF BELOW FINISH FLOOR BKBD BACK BOARD BLDG BUILDING BLK BLOCK BLKG BLOCKING BM BEAM BOD BOTTOM OF DECK BOT F BOTTOM FACE BOT BOTTOM BR BEDROOM BRG BEARING BRKT BRACKET BSMT BASEMENT BTWN BETWEEN BUR BUILT-UP ROOFING	F FAHRENHEIT FA FIRE ALARM FAB FABRICATE FB FLAT BAR FCU FAN COIL UNIT FD FLOOR DRAIN FDTN FOUNDATION FE FIRE EXTINGUISHER FEC FIRE EXTINGUISHER CABINET FF FINISH FLOOR FF & E FURNITURE, FIXTURES AND EQUIPMENT FGL FIBERGLASS FH FIRE HYDRANT FHC FIRE HOSE CABINET FIN FINISH FIN GR FINISH GRADE FKT FIXTURE FLDG FOLDING FLG FLOORING FLR FLOOR FLUOR FLUORESCENT FLR SK FLOOR SINK FOC FACE OF CONCRETE FOF FACE OF FINISH FOM FACE OF MASONRY FOS FACE OF STUD FOW FACE OF WALL FP FIRE PROOF FR FRAME FRP FIBERGLASS REINFORCED PLASTIC FRT FIRE RETARDANT FRZ FREEZER FT FEET FTD FACIAL TISSUE DISPENSER FTD FOOTING FTG FURRING FUT FUTURE	K KNOCK DOWN KIT KITCHEN KO KNOCK-OUT KW KILOWATT KWH KILOWATT HOUR	QT QUARRY TILE	UBC UNIFORM BUILDING CODE UC UNDERCUT UNGD UNDERGROUND UH UNIT HEATER UL UNDERWRITERS LABORATORY UNFIN UNFINISHED UNO UNLESS OTHERWISE NOTED UR URINAL
C	G	M	R	V
CAB CABINET CB CATCH BASIN CEM CEMENT CER CERAMIC CFI CONTRACTOR FURNISHED / CONTRACTOR INSTALLED CG CORNER GUARD CMPST COMPOSITE CI CAST IRON CIP CAST IN PLACE CJ CONTROL JOINT CL CENTER LINE CLG CEILING CLO CLOSET CLR CLEAR CMU CONCRETE MASONRY UNIT CNTR COUNTER CO CLEAN OUT COL COLUMN CONC CONCRETE COND CONDITION CONN CONNECTION CONSTR CONSTRUCTION CONT CONTINUE/CONTINUOUS CONTR CONTRACTOR COORD COORDINATE COP COPPER CORR CORRIDOR CPT CARPET CSK COUNTERSINK CT CERAMIC TILE CTR CENTER CUH CABINET UNIT HEATER CULT CULTURED CWT COLD WATER PIPING	G NATURAL GAS GA GAUGE GALV GALVANIZED GB GRAB BAR GEN GENERAL GFGI GOVERNMENT FURNISHED / GOVERNMENT INSTALLED GFRG GLASSFIBER REINFORCED GYPSUM GFRC GLASSFIBER REINFORCED CONCRETE GL GLASS/GLAZING GLU LAM GLUE LAMINATED WOOD GPM GALLONS PER MINUTE GRAN GRANITE GSB GYPSUM SHEATHING BOARD GTY GATE VALVE GWT GLAZED WALL TILE GYP GYPSUM GWB GYPSUM WALL BOARD	M METER M2 SQUARE METERS MATL MATERIAL MAX MAXIMUM MB MACHINE BOLT MBR MASTER BEDROOM MC MEDICINE CABINET MECH MECHANICAL MEMB MEMBRANE MEZZ MEZZANINE MFR MANUFACTURER MH MANHOLE MI MIRROR MD MIDDLE MIN MINIMUM MSC MISCELLANEOUS MLDG MOULDING MM MILLIMETER MO MASONRY OPENING MOD MODULE MP METAL PANEL MR MOISTURE RESISTANT MTD MOUNTED MTL METAL MTG MOUNTING MULL MULLION MUN MUNTIN MW MICROWAVE	R RISER RA RADIUS RA RETURN AIR RB RUBBER BASE RCB RESILIENT COVE BASE RBE ROBE HOOK RHP REFLECTED CEILING PLAN ROF ROOF DRAIN REC RECESSED REF REFRIGERATOR REFL REFLECTED REG REGISTER REIN REINFORCE RECS RECOMMENDATIONS REQ REQUIRED RESIL RESILIENT REST REST ROOM REV REVISION RTF RUBBER TILE FLOOR RFG ROOFING RLG RAILING RH RIGHT HAND RND ROUND RM ROOM RO ROUGH OPENING RWL RAINT WATER LEADER	V VARIES VB VALVE BOX VCT VINYL COMPOSITION TILE VERT VERTICAL VEST VESTIBULE VOL VOLUME VP VENEER PLASTER VTR VENT THROUGH ROOF VWC VINYL WALL COVERING
D	H	N	S	W
DBL DEEP/DEPTH DEG DOUBLE DEGREE DEPT DEPARTMENT DET DETAIL DF DRINKING FOUNTAIN DIA DIAMETER DIAG DIAGONAL DIM DIMENSION DISP DISPENSER DN DOWN DR DOOR DS DOWNSPOUT DSP DRY STANDPIPE DW DISHWASHER DWG DRAWING DWR DRAWER	H HIGH HB HOSE BIBB HC HOLLOW CORE HCP HANDICAPPED HD HEAD HDBD HARDBOARD HDW HARDWARE HDWD HARDWOOD HM HOLLOW METAL HORIZ HORIZONTAL HS HAND SINK HT HEIGHT HVAC HEATING, VENTILATION AND AIR CONDITIONING HW HOT WATER HWR HOT WATER RETURN HWS HOT WATER SUPPLY	N NORTH NFS NON-FROST SUSCEPTIBLE NIC NOT IN CONTRACT NO NUMBER NOM NOMINAL NTS NOT TO SCALE	S SOUTH SA SUPPLY AIR SAB SOUND ATTENUATION BLANKET SB SPLASH BLOCK SC SOLID CORE SCHED SCHEDULE SCD SEAT COVER DISPENSER SCUP SCUPPER SCR SHOWER CURTAIN ROD SCRN SCREEN SD SMOKE DETECTOR SECT SECTION SEE ELECTRICAL DRAWINGS SF SQUARE FEET SHT SHEET SHR SHOWER SHTHG SHEATHING SHV SHELVING SIM SIMILAR SL SLOPE SLDG SLIDING SLNT SLANT SM SHEET METAL SND SANITARY NAPKIN DISPENSER SNR SANITARY NAPKIN RECEPTACLE SPACING SPEC SPECIFICATION SPKLR SPRINKLER SPEAKER SQ SQUARE SSD SEE STRUCTURAL DRAWINGS SST STAINLESS STEEL SMD SEE MECHANICAL DRAWINGS SMLS SEAMLESS SS SOLID SURFACE STA STATION STD STANDARD STL STEEL STOR STORAGE STR STRINGERS STR STRUCTURAL SURR SURROUND SUSP SUSPENDED SVCE SERVICE SW SWITCH SYMM SYMMETRICAL SYS SYSTEM	W WIDE WJ WITH WC WALL COVERING WCLR WATER COOLER WD WOOD WDSP WASTE DISPOSER WDW WINDOW WF WIDE FLANGE WGL WIRE GLASS WH WATER HEATER WIO WITHOUT WP WATERPROOF / WATERPROOFING WR WATER REPELLENT WSCOT WAINSCOT WSP WET STAND PIPE WT WEIGHT WWF WELDED WIRE FABRIC
O	O	O	O	O
OA OVERALL OBS OBSOLETE OC ON CENTER OD OUTSIDE DIAMETER OF/CI OWNER FURNISHED / CONTRACTOR INSTALLED OF/OI OWNER FURNISHED / OWNER INSTALLED OFD OVERFLOW DRAIN OH OVER HANG OPH OPPOSITE HAND OPNG OPENS OPP OPPOSITE OPR OPERABLE OVHD OVER HEAD	O OVERALL OBS OBSOLETE OC ON CENTER OD OUTSIDE DIAMETER OF/CI OWNER FURNISHED / CONTRACTOR INSTALLED OF/OI OWNER FURNISHED / OWNER INSTALLED OFD OVERFLOW DRAIN OH OVER HANG OPH OPPOSITE HAND OPNG OPENS OPP OPPOSITE OPR OPERABLE OVHD OVER HEAD	O OVERALL OBS OBSOLETE OC ON CENTER OD OUTSIDE DIAMETER OF/CI OWNER FURNISHED / CONTRACTOR INSTALLED OF/OI OWNER FURNISHED / OWNER INSTALLED OFD OVERFLOW DRAIN OH OVER HANG OPH OPPOSITE HAND OPNG OPENS OPP OPPOSITE OPR OPERABLE OVHD OVER HEAD	O OVERALL OBS OBSOLETE OC ON CENTER OD OUTSIDE DIAMETER OF/CI OWNER FURNISHED / CONTRACTOR INSTALLED OF/OI OWNER FURNISHED / OWNER INSTALLED OFD OVERFLOW DRAIN OH OVER HANG OPH OPPOSITE HAND OPNG OPENS OPP OPPOSITE OPR OPERABLE OVHD OVER HEAD	O OVERALL OBS OBSOLETE OC ON CENTER OD OUTSIDE DIAMETER OF/CI OWNER FURNISHED / CONTRACTOR INSTALLED OF/OI OWNER FURNISHED / OWNER INSTALLED OFD OVERFLOW DRAIN OH OVER HANG OPH OPPOSITE HAND OPNG OPENS OPP OPPOSITE OPR OPERABLE OVHD OVER HEAD

MATERIALS LEGEND

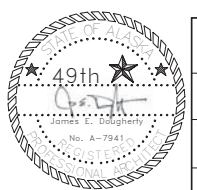
	CONCRETE		CMU
	SAND, MORTAR, PLASTER, TILE BACKER BOARD		CLASSIFIED COMPACTED FILL
	EARTH, UNCLASSIFIED FILL		BATT INSULATION
	FINISHED WOOD		RIGID INSULATION
	METAL		PLYWOOD/MDF
	GLASS		GYPSUM WALL BOARD
	CERAMIC TILE, VCT OR RESILIENT FLOORING		ACOUSTICAL TILE/PANEL
	CARPET		

SYMBOLS LEGEND

	ROOM NAME		ROOM DESIGNATION		WALL TYPE
	DOOR DESIGNATION		CEILING HEIGHT DESIGNATION		DETAIL DESIGNATION
	OPENING DESIGNATION		FURNITURE DESIGNATION		BUILDING SECTION DESIGNATION
	REVISION DESIGNATION		WALL SECTION DESIGNATION		INTERIOR ELEVATION DESIGNATION
	PLAN KEYNOTE		MATCHLINE		DATUM DESIGNATION
	BREAK LINE		GRAPHIC SCALE		

VIEW NAME 1

1
A101



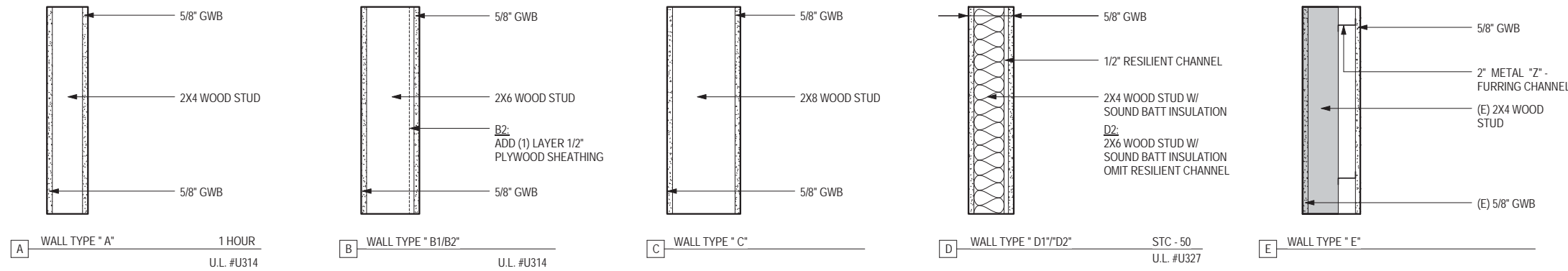
DESIGNED: MCL CADD: MCG TECH REVIEW: TR/MCL DATE: 2016.09.28	SUB SHEET NO. A001	TITLE OF SHEET ABBREVIATIONS AND SYMBOLS LEGEND	DRAWING NO. 186 80,040 PMIS/PKG NO. 184638 SHEET 5 OF 73
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TITLE DESIGNATION
RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.

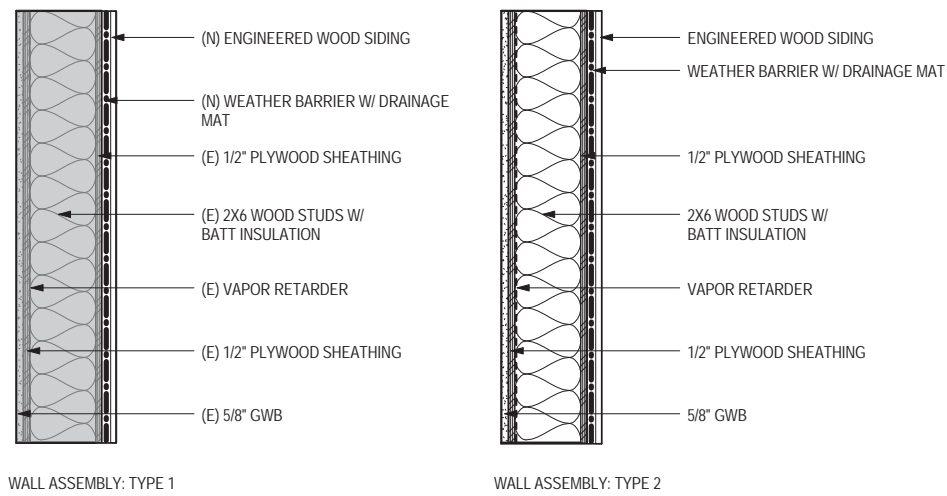
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

PARTITION TYPE GENERAL NOTES

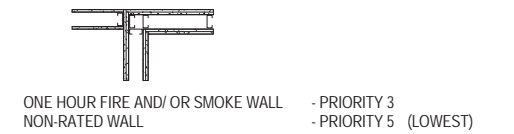
- PARTITION TYPES ARE NOTED ON THE ENLARGED FLOOR PLANS. REFER TO THE A001 SERIES FOR LOCATION AND EXTENT OR LIMITS OF RATED PARTITIONS.
- REFER TO EXTERIOR WALL SECTIONS AND DETAILS FOR ADDITIONAL WALL/PARTITION FRAMING NOT SPECIFICALLY IDENTIFIED ON FLOOR PLANS.
- ALL FIRE RATED ASSEMBLIES ARE BASED ON IBC, UL OR GYPSUM ASSOCIATION FIRE RESISTANCE DESIGN MANUAL. FIRE RATED PARTITIONS ARE TO BE CONSTRUCTED IN ACCORDANCE TO THE REQUIREMENTS OF THE TESTING AGENCY(IES) LISTED. REFER TO SPECIFIC TEST REPORTS FOR REQUIRED COMPONENTS AND ASSEMBLY.
- ALL ACOUSTIC ASSEMBLIES ARE BASED ON ASTM E 90 TEST PROCEDURES. ACOUSTIC RATED PARTITIONS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE APPROVED TESTING AGENCY(IES). REFER TO SPECIFIC TEST REPORTS FOR REQUIRED COMPONENTS AND ASSEMBLY.
- ALL OTHER (NON-STRUCTURAL) PARTITIONS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS, MATERIALS MANUFACTURER, AND INDUSTRY STANDARDS.
- INTERIOR STUDS ARE NON-LOAD BEARING OR SHEAR WALL UNO.
- ALL GYPSUM BOARD IS TO BE 5/8" THICK, TYPE 'X'- UNO



PARTITION TYPES



WALL PRIORITY LEGEND



NOTE: ALL PARTITION TYPES INDICATED, MAY NOT BE USED. REFER TO PLANS FOR ADDITIONAL INFORMATION.

EXTERIOR WALL ASSEMBLIES

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 PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
 CORPORATE NO. AECL1227.




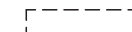
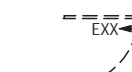

DESIGNED: MCL	SUB SHEET NO. A002	TITLE OF SHEET PARTITION TYPES	DRAWING NO. 186
CADD: MCG			80,040
TECH REVIEW: TR/MCL			PMIS/PKG NO. 184638
DATE: 2016.09.28			SHEET 6 OF 73

SEWARD VISITOR CENTER REHAB
 KENAI FJORDS NATIONAL PARK

DEMO PLAN GENERAL NOTES

- REFER TO SHEET G001 FOR GENERAL PROJECT NOTES
- REFER TO SHEET G002 AND G003 FOR CODE ANALYSIS AND ADDITIONAL LIFE SAFETY GENERAL NOTES
- DIMENSIONING GUIDE: ALL DIMENSIONS ARE TAKEN TO/FROM GRID LINE, FACE OF CONCRETE AND MASONRY, AND FACE OF METALWOOD STUD PARTITION, UNLESS OTHERWISE NOTED. CLEAR DIMENSIONS BETWEEN SURFACES WILL BE NOTED WHERE APPLICABLE FROM MATERIAL FINISHES. ALL DIMENSIONS REFERENCED HEREIN ARE IMPERIAL STANDARDS, UNLESS OTHERWISE NOTED. FOR THE PURPOSE OF THIS PROJECT, ALL DIMENSIONS HEREIN SHALL BE TREATED EQUALLY, WITHOUT ANY HIERARCHY, AND/OR ORDER OF PRECEDENCE, UNLESS OTHERWISE NOTED
- REFERENCE ELEVATION: ALL ELEVATIONS NOTED ON THIS PLAN CORRESPOND TO REFERENCE ELEVATION 0'-0" AS THE EXISTING FIRST FLOOR LEVEL. DEVIATIONS AND VARIANCES IN THIS ELEVATION MAY EXIST, AS INDICATED. UPPER FLOOR ELEVATIONS TO BE NOTED ACCORDINGLY. NOTE: THIS ASSISTS AND ESTABLISHES NOTED VERTICAL CONTROL AT ALL FLOOR PLANS, REGARDLESS TO FLOOR LEVEL.
- DOOR OPENINGS: ALL DOOR OPENINGS (INCLUDING DOOR, FRAME AND HARDWARE) THAT ARE BEING SHOWN AS DEMOLISHED ARE TO REUSED AND REINSTALLED AS SHOWN ON THE FLOOR PLAN- REFER TO SHEETS A101, A102, AND OPENING SCHEDULE ON SHEET A601
- ROOM FINISHES: ALL FLOOR FINISHES ARE TO BE DEMOLISHED, EXISTING FIRST FLOOR WALL BASE IS TO BE SALVAGED, PAINTED AND REINSTALLED. CONTRACTOR HAS THE OPTION TO LEAVE IN PLACE OR REMOVE AND REINSTALL- REFER TO SHEETS A103 AND A104 FOR NEW FINISHES.
- REFLECTED CEILING PLAN: REFER TO SHEET A105 AND A106 FOR THE CORRESPONDING RCP FOR THIS AREA.
- ALL EXTERIOR SIDING AND EXISTING WEATHER BARRIER TO BE REMOVED- EXISTING SHEATHING TO REMAIN.
- ALL ROOFING AND UNDERLAYMENTS TO BE REMOVED TO THE SHEATHING- EXISTING SUBSTRATE SHEATHING TO REMAIN.
- THE GOVERNMENT WILL BE RESPONSIBLE FOR THE REMOVAL OF ALL STORED ITEMS IN CRAWL SPACE, ATTIC, AND ELSEWHERE, AS WELL AS ALL SHELVING AND FURNITURE ON THE PREMISES.
- ALL EXISTING COLUMNS IN DEMOLISHED WALLS TO REMAIN UNLESS NOTED OTHERWISE.
- DEMOLISH ALL EXISTING CEILINGS ON FIRST FLOOR EXCEPT IN ROOM 112 SERAC STORAGE AND 101A MAIN EXHIBIT SPACE.

DEMOLITION LEGEND

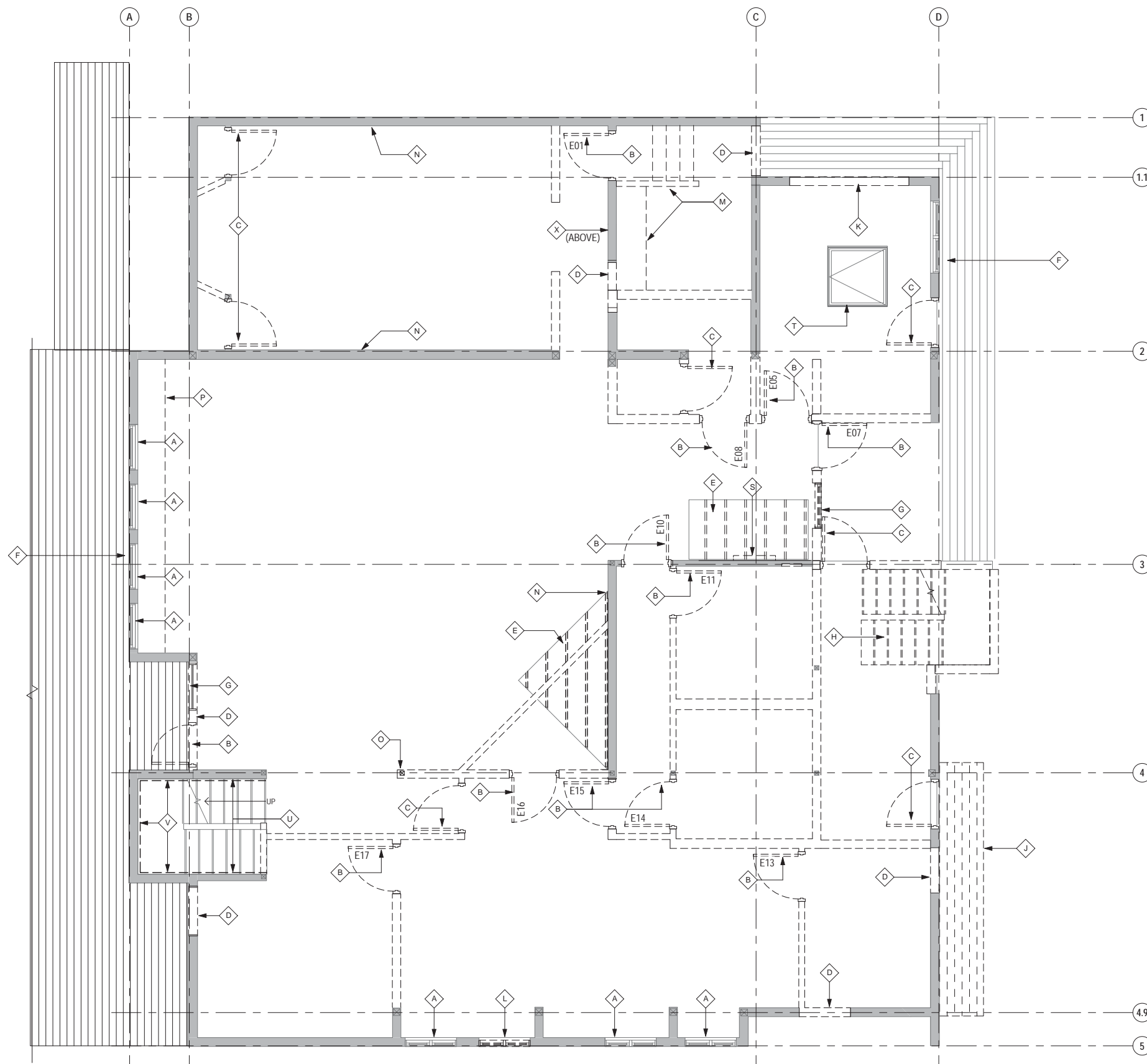
-  EXISTING TO REMAIN
-  ITEMS TO BE DEMOLISHED- REFER TO SHEET NOTES FOR ADDITIONAL INFORMATION
-  EXISTING DOOR NUMBER FOR RELOCATION IDENTIFICATION- REFER TO DOOR SCHEDULE ON SHEET A602 FOR WHERE TO REINSTALL
-  ROOFING AND UNDERLAYMENTS TO BE DEMOLISHED- EXISTING SHEATHING TO REMAIN

DEMOLITION SHEET NOTES

SHOWN IN PLAN AS 

- A EXISTING OPENING TO REMAIN- BID OPTION 1 TO REPLACE THESE OPENINGS WITH NEW
- B EXISTING DOOR, FRAME AND HARDWARE TO BE REMOVED AND REINSTALLED
- C DOOR, DOOR FRAME AND HARDWARE TO BE DEMOLISHED
- D DEMOLISH PORTION OF WALL TO CREATE NEW OPENING- REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION
- E DEMOLISH FLOOR AND STRUCTURE BELOW- REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
- F REMOVE 4x12 DECK BOARDS TO INSTALL NEW SIDING. REINSTALL WHEN DECK BOARD SIDING WORK IS COMPLETED.
- G EXISTING SIDELIGHT TO BE REMOVED, SALVAGE FOR REINSTALLATION
- H DEMOLISH STAIRS, FRAMING, HANDRAILS AND ACCESSORIES
- J DEMOLISH DECK
- K REMOVE WALL INFILL
- L DEMOLISH EXISTING WINDOW, SILL AND TRIM- INFILL WITH WALL TYPE "2"
- M DEMOLISH RAISED FLOOR AND STAIRS
- N DEMOLISH CARPET OR WOOD PANELING - PREPARE SURFACE TO RECEIVE NEW FINISH. REFER TO SHEETS A103&A104 FOR ADDITIONAL INFORMATION
- O DEMOLISH COLUMN - REFER TO STRUCTURAL DRAWINGS
- P DEMOLISH BENCH
- R EXISTING CASEWORK- TO BE REMOVED BY THE NATIONAL PARK SERVICE
- S REMOVE WATER COOLER AND BOTTLE FILLER STATION, SALVAGE FOR REINSTALLATION IN NEW PLAN- REFER TO DETAIL 1/A401 FOR LOCATION
- T EXISTING FLOOR ACCESS HATCH TO REMAIN REFER TO SHEET A101 FOR LOCATION
- U DEMOLISH EXISTING HANDRAILS
- V DEMOLISH GYPSUM BOARD WALLS OR TOP OF STRINGER TO UNDERSIDE OF STRUCTURE. DEMOLISH EXISTING CEILING. PLYWOOD SHEATHING IS TO REMAIN
- W DEMOLISH OF GYPSUM BOARD TO STUDS
- X DEMOLISH EXISTING WINDOW, SILL AND TRIM- INFILL WITH WALL TYPE "B"

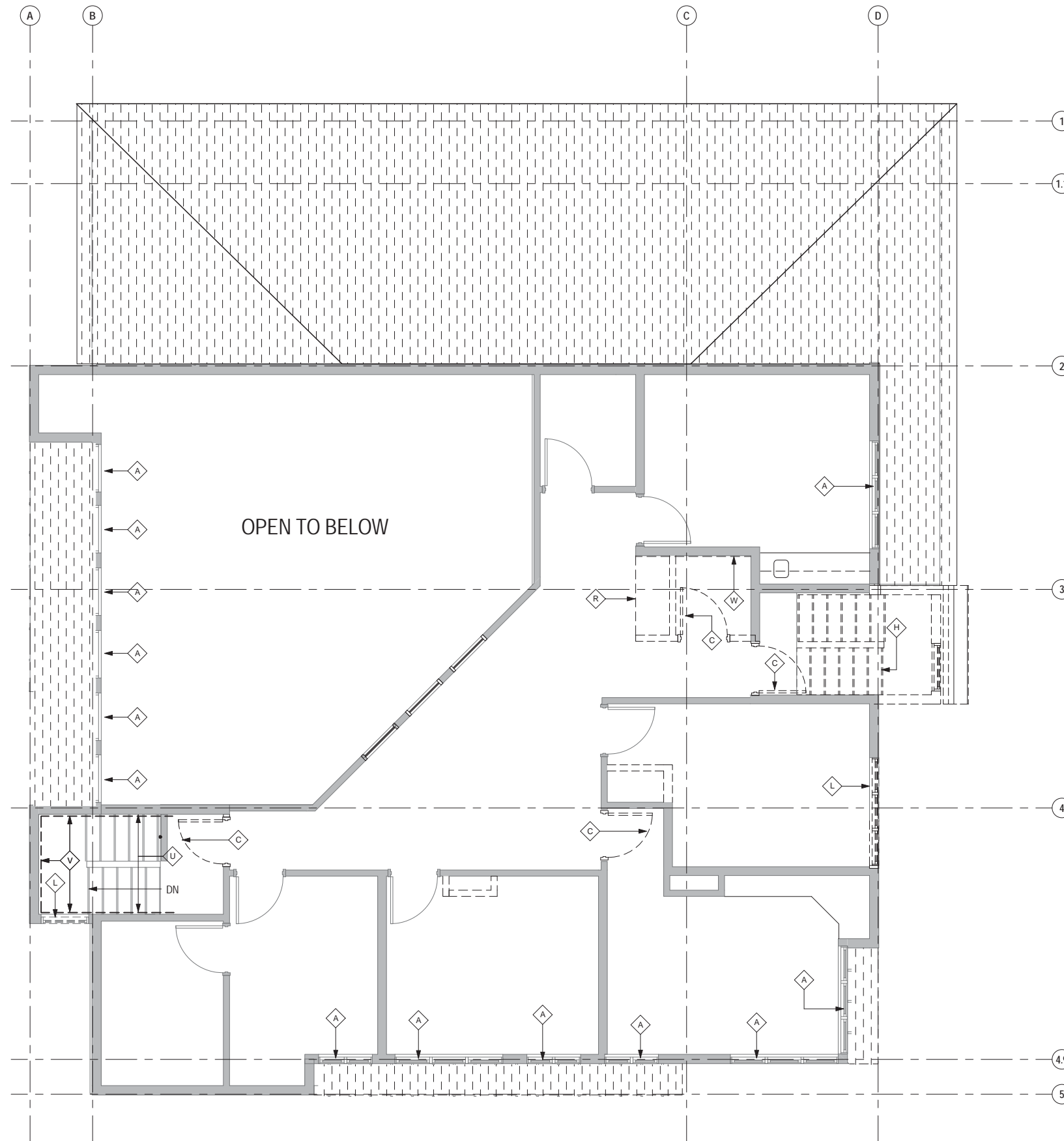
RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.



1 FLOOR PLAN- DEMO FIRST FLOOR
AD101 1/4" = 1'-0"



DESIGNED: MCL	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD: MCG	AD101	DEMO FLOOR PLANS - FIRST FLOOR	186
TECH REVIEW: TR/MCL			80,040
DATE: 2016.09.28		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	PMIS/PKG NO. 184638
			SHEET 7 OF 73



DEMO PLAN GENERAL NOTES

1. REFER TO SHEET G001 FOR GENERAL PROJECT NOTES
2. REFER TO SHEET G002 AND G003 FOR CODE ANALYSIS AND ADDITIONAL LIFE SAFETY GENERAL NOTES
3. DIMENSIONING GUIDE: ALL DIMENSIONS ARE TAKEN TO/FROM GRID LINE, FACE OF CONCRETE AND MASONRY, AND FACE OF METAL/WOOD STUD PARTITION, UNLESS OTHERWISE NOTED. CLEAR DIMENSIONS BETWEEN SURFACES WILL BE NOTED WHERE APPLICABLE FROM MATERIAL FINISHES. ALL DIMENSIONS REFERENCED HEREIN ARE IMPERIAL STANDARDS, UNLESS OTHERWISE NOTED. FOR THE PURPOSE OF THIS PROJECT, ALL DIMENSIONS HEREIN SHALL BE TREATED EQUALLY, WITHOUT ANY HIERARCHY, AND/OR ORDER OF PRECEDENCE, UNLESS OTHERWISE NOTED
4. REFERENCE ELEVATION: ALL ELEVATIONS NOTED ON THIS PLAN CORRESPOND TO REFERENCE ELEVATION 0'-0" AS THE EXISTING FIRST FLOOR LEVEL. DEVIATIONS AND VARIANCES IN THIS ELEVATION MAY EXIST, AS INDICATED. UPPER FLOOR ELEVATIONS TO BE NOTED ACCORDINGLY. NOTE: THIS ASSISTS AND ESTABLISHES NOTED VERTICAL CONTROL AT ALL FLOOR PLANS, REGARDLESS TO FLOOR LEVEL.
5. DOOR OPENINGS: ALL DOOR OPENINGS (INCLUDING DOOR, FRAME AND HARDWARE) THAT ARE BEING SHOWN AS DEMOLISHED ARE TO REUSED AND REINSTALLED AS SHOWN ON THE FLOOR PLAN- REFER TO SHEETS A101, A102, AND OPENING SCHEDULE ON SHEET A601
6. ROOM FINISHES: ALL FLOOR FINISHES ARE TO BE DEMOLISHED, EXISTING FIRST FLOOR WALL BASE IS TO BE SALVAGED, PAINTED AND REINSTALLED. CONTRACTOR HAS THE OPTION TO LEAVE IN PLACE OR REMOVE AND REINSTALL- REFER TO SHEETS A103 AND A104 FOR NEW FINISHES.
7. REFLECTED CEILING PLAN: REFER TO SHEET A105 AND A106 FOR THE CORRESPONDING RCP FOR THIS AREA.
8. ALL EXTERIOR SIDING AND EXISTING WEATHER BARRIER TO BE REMOVED- EXISTING SHEATHING TO REMAIN.
9. ALL ROOFING AND UNDERLAYMENTS TO BE REMOVED TO THE SHEATHING- EXISTING SUBSTRATE SHEATHING TO REMAIN.
10. THE GOVERNMENT WILL BE RESPONSIBLE FOR THE REMOVAL OF ALL STORED ITEMS IN CRAWL SPACE, ATTIC, AND ELSEWHERE, AS WELL AS ALL SHELVING AND FURNITURE ON THE PREMISES.
11. ALL EXISTING COLUMNS IN DEMOLISHED WALLS TO REMAIN UNLESS NOTED OTHERWISE.
12. DEMOLISH ALL EXISTING CEILINGS ON FIRST FLOOR EXCEPT IN ROOM 112 SERAC STORAGE AND 101A MAIN EXHIBIT SPACE.

DEMOLITION LEGEND

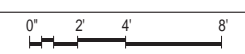
- EXISTING TO REMAIN
- ITEMS TO BE DEMOLISHED- REFER TO SHEET NOTES FOR ADDITIONAL INFORMATION
- EXISTING DOOR NUMBER FOR RELOCATION IDENTIFICATION- REFER TO DOOR SCHEDULE ON SHEET A602 FOR WHERE TO REINSTALL
- ROOFING AND UNDERLAYMENTS TO BE DEMOLISHED- EXISTING SHEATHING TO REMAIN

DEMOLITION SHEET NOTES

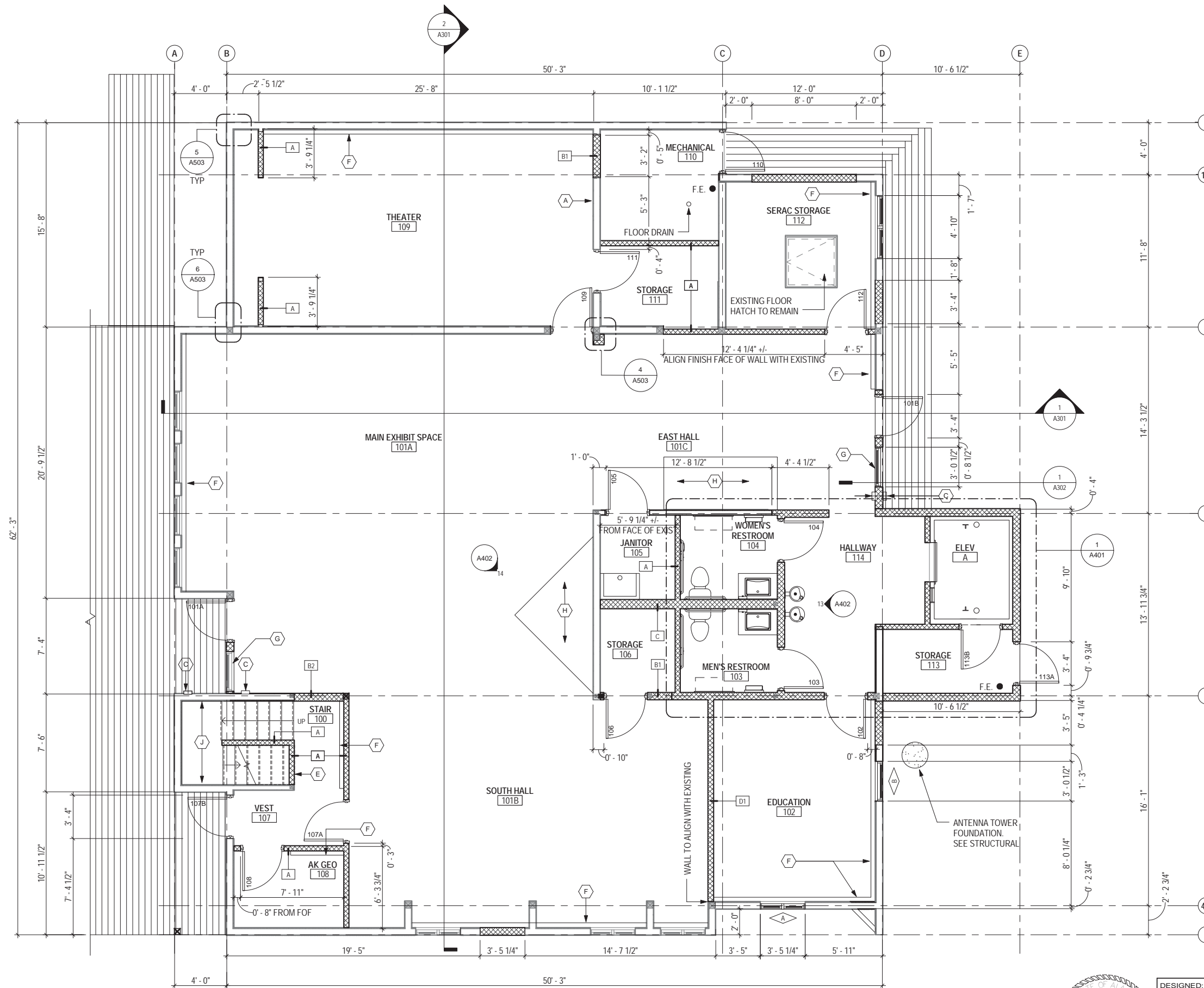
- SHOWN IN PLAN AS
- A EXISTING OPENING TO REMAIN- BID OPTION 1 TO REPLACE THESE OPENINGS WITH NEW
 - B EXISTING DOOR, FRAME AND HARDWARE TO BE REMOVED AND REINSTALLED
 - C DOOR, DOOR FRAME AND HARDWARE TO BE DEMOLISHED
 - D DEMOLISH PORTION OF WALL TO CREATE NEW OPENING- REFER TO FLOOR PLANS FOR ADDITIONAL INFORMATION
 - E DEMOLISH FLOOR AND STRUCTURE BELOW- REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION
 - F REMOVE 4x12 DECK BOARDS TO INSTALL NEW SIDING. REINSTALL WHEN DECK BOARD SIDING WORK IS COMPLETED.
 - G EXISTING SIDELIGHT TO BE REMOVED, SALVAGE FOR REINSTALLATION
 - H DEMOLISH STAIRS, FRAMING, HANDRAILS AND ACCESSORIES
 - J DEMOLISH DECK
 - K REMOVE WALL INFILL
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 - M DEMOLISH RAISED FLOOR AND STAIRS
 - N DEMOLISH CARPET OR WOOD PANELING - PREPARE SURFACE TO RECEIVE NEW FINISH. REFER TO SHEETS A103&A104 FOR ADDITIONAL INFORMATION
 - O DEMOLISH COLUMN - REFER TO STRUCTURAL DRAWINGS
 - P DEMOLISH BENCH
 - R EXISTING CASEWORK- TO BE REMOVED BY THE NATIONAL PARK SERVICE
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 - T EXISTING FLOOR ACCESS HATCH TO REMAIN REFER TO SHEET A101 FOR LOCATION
 - U DEMOLISH EXISTING HANDRAILS
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 - W DEMOLISH OF GYPSUM BOARD TO STUDS
 - X DEMOLISH EXISTING WINDOW, SILL AND TRIM- INFILL WITH WALL TYPE "B"

RIM ARCHITECTS
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 CORPORATE NO. AECL1227.

1 FLOOR PLAN- DEMO SECOND FLOOR
 AD102 1/4" = 1'-0"



DESIGNED: MCL	SUB SHEET NO. AD102	TITLE OF SHEET DEMO FLOOR PLANS - SECOND FLOOR	DRAWING NO. 186
CADD: MCG			80,040
TECH REVIEW: TR/MCL			PMIS/PKG NO. 184638
DATE: 2016.09.28		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	SHEET 8 OF 73



FLOOR PLAN GENERAL NOTES

- REFER TO SHEET G001 FOR GENERAL PROJECT NOTES
- REFER TO SHEET G002 AND G003 FOR CODE ANALYSIS AND ADDITIONAL LIFE SAFETY GENERAL NOTES
- DIMENSIONING GUIDE: ALL DIMENSIONS ARE TAKEN TO/FROM GRID LINE, FACE OF CONCRETE AND MASONRY, AND FACE OF METAL/WOOD STUD PARTITION, UNLESS OTHERWISE NOTED. CLEAR DIMENSIONS BETWEEN SURFACES WILL BE NOTED WHERE APPLICABLE FROM MATERIAL FINISHES. ALL DIMENSIONS REFERENCED HEREIN ARE IMPERIAL STANDARDS, UNLESS OTHERWISE NOTED. FOR THE PURPOSE OF THIS PROJECT, ALL DIMENSIONS HEREIN SHALL BE TREATED EQUALLY, WITHOUT ANY HIERARCHY, AND/OR ORDER OF PRECEDENCE, UNLESS OTHERWISE NOTED
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- MOUNTING HEIGHTS: REFER TO SHEET G004 FOR TYPICAL MOUNTING HEIGHTS FOR FIXTURES, ACCESSORY ITEMS AND MISCELLANEOUS DEVICES.
- ALL PENETRATIONS THROUGH INTERIOR PARTITIONS AND CEILING AROUND MECHANICAL 110 SHALL RECEIVE FIRESTOPPING.

FLOOR PLAN LEGEND

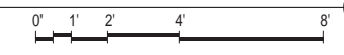
- EXISTING WALL CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION - REFER TO PARTITION TYPES SHEET A002 FOR ADDITIONAL INFORMATION

FLOOR PLAN SHEET NOTES

- A INFILL WALL ABOVE WITH WALL TYPE 'B'
- B EXISTING CASEWORK/SHELVING TO REMAIN
- C ADA ACTUATOR
- D RELOCATED DRINKING FOUNTAIN AND BOTTLE FILLING STATION
- E FIRE RATED ACCESS DOOR
- F FIN TUBE COVER - REFER TO MECHANICAL
- G REINSTALL SALVAGED WINDOW
- H OPEN - REFER TO STRUCTURAL DRAWINGS AND EXHIBIT DRAWINGS
- J INSTALL (1) LAYER OF NEW 5/8" GYPSUM BOARD ON EXISTING STUD FRAMING

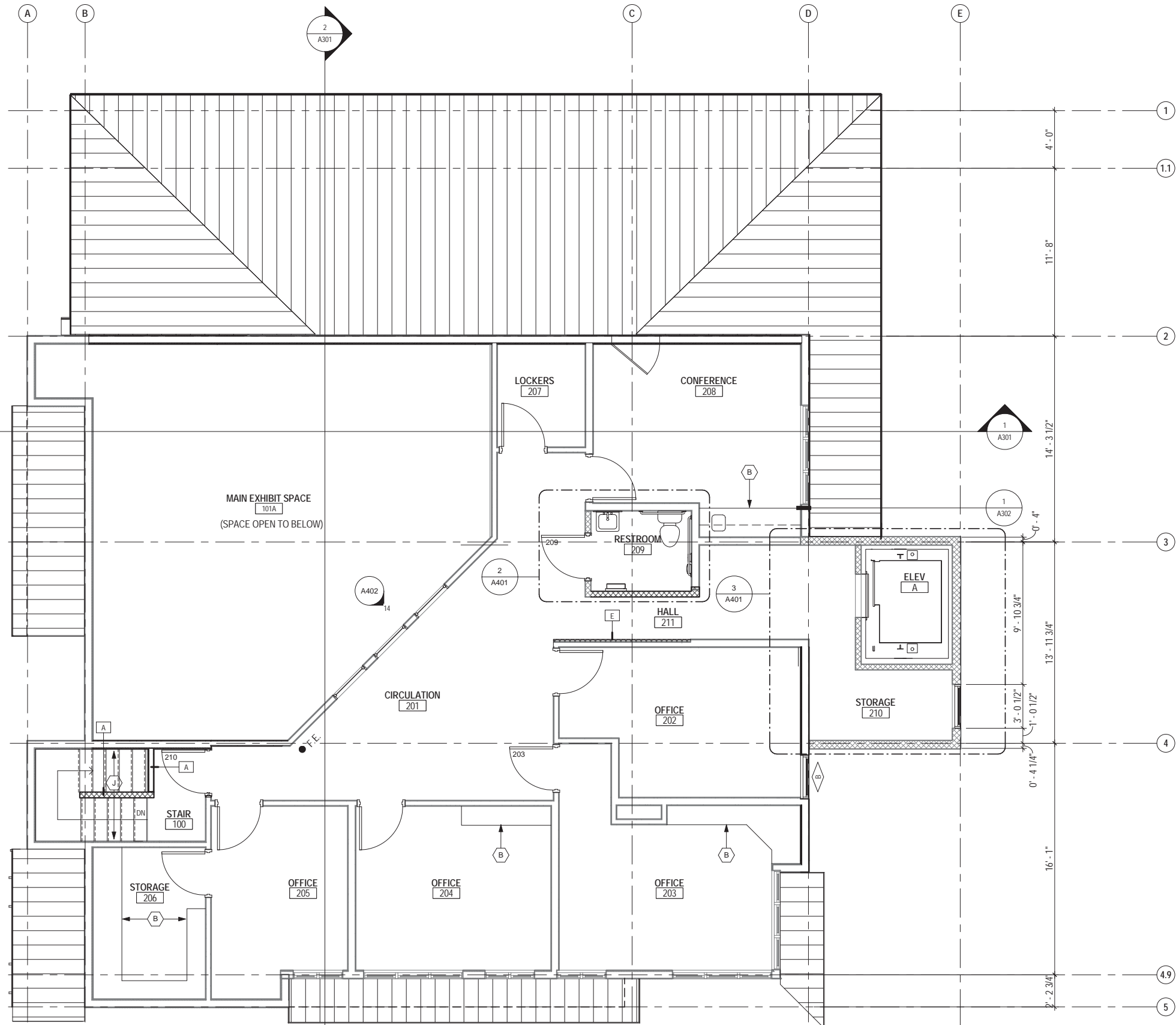
SHOWN IN PLAN AS

1 FLOOR PLAN- FIRST FLOOR
1/4" = 1'-0"



DESIGNED: MCL	A101	FLOOR PLANS- FIRST FLOOR	DRAWING NO. 186	
CADD: MCG			PMIS/PKG NO. 184638	
TR/MCL			SHEET	
DATE: 2016.09.28			9 OF 73	
SUB SHEET NO.			TITLE OF SHEET	SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK

RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.



FLOOR PLAN GENERAL NOTES

- REFER TO SHEET G001 FOR GENERAL PROJECT NOTES
- REFER TO SHEET G002 AND G003 FOR CODE ANALYSIS AND ADDITIONAL LIFE SAFETY GENERAL NOTES
- DIMENSIONING GUIDE: ALL DIMENSIONS ARE TAKEN TO/FROM GRID LINE, FACE OF CONCRETE AND MASONRY, AND FACE OF METALWOOD STUD PARTITION, UNLESS OTHERWISE NOTED. CLEAR DIMENSIONS BETWEEN SURFACES WILL BE NOTED WHERE APPLICABLE FROM MATERIAL FINISHES. ALL DIMENSIONS REFERENCED HEREIN ARE IMPERIAL STANDARDS, UNLESS OTHERWISE NOTED. FOR THE PURPOSE OF THIS PROJECT, ALL DIMENSIONS HEREIN SHALL BE TREATED EQUALLY, WITHOUT ANY HIERARCHY, AND/OR ORDER OF PRECEDENCE, UNLESS OTHERWISE NOTED
- REFERENCE ELEVATION: ALL ELEVATIONS NOTED ON THIS PLAN CORRESPOND TO REFERENCE ELEVATION 0'-0" AS THE EXISTING FIRST FLOOR LEVEL. DEVIATIONS AND VARIANCES IN THIS ELEVATION MAY EXIST, AS INDICATED. UPPER FLOOR ELEVATIONS TO BE NOTED ACCORDINGLY. NOTE: THIS ASSISTS AND ESTABLISHES NOTED VERTICAL CONTROL AT ALL FLOOR PLANS, REGARDLESS TO FLOOR LEVEL.
- MOUNTING HEIGHTS: REFER TO SHEET G004 FOR TYPICAL MOUNTING HEIGHTS FOR FIXTURES, ACCESSORY ITEMS, AND MISCELLANEOUS DEVICES.
- ALL PENETRATIONS THROUGH INTERIOR PARTITIONS AND CEILING AROUND MECHANICAL 110 SHALL RECEIVE FIRESTOPPING.

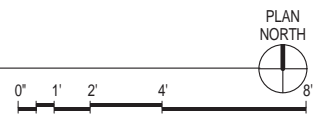
FLOOR PLAN LEGEND

- EXISTING WALL CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION - REFER TO PARTITION TYPES SHEET A002 FOR ADDITIONAL INFORMATION

FLOOR PLAN SHEET NOTES

- A INFILL WALL ABOVE WITH WALL TYPE 'B' X SHOWN IN PLAN AS
- B EXISTING CASEWORK/SHELVING TO REMAIN
- C ADA ACTUATOR
- D RELOCATED DRINKING FOUNTAIN AND BOTTLE FILLING STATION
- E FIRE RATED ACCESS DOOR
- F FIN TUBE COVER - REFER TO MECHANICAL
- G REINSTALL SALVAGED WINDOW
- H OPEN - REFER TO STRUCTURAL DRAWINGS AND EXHIBIT DRAWINGS
- J INSTALL (1) LAYER OF NEW 5/8" GYPSUM BOARD ON EXISTING STUD FRAMING

1 FLOOR PLAN- SECOND FLOOR
A102 1/4" = 1'-0"



DESIGNED: MCL	SUB SHEET NO. A102	TITLE OF SHEET FLOOR PLANS- SECOND FLOOR	DRAWING NO. 186
CADD: MCG			80,040
TECH REVIEW: TR/MCL			PMIS/PKG NO. 184638
DATE: 2016.09.28		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	SHEET 10 OF 73

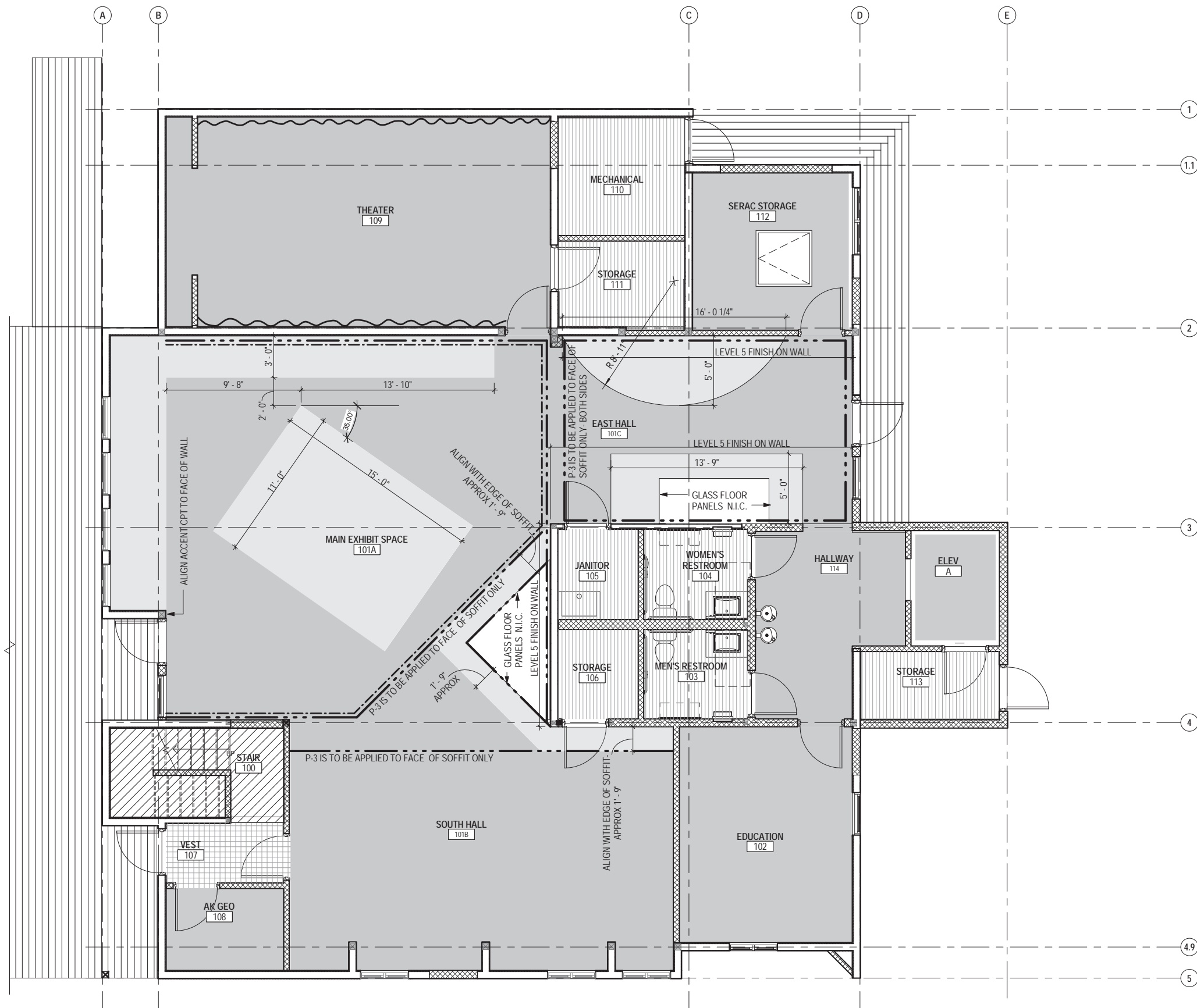
RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.

FLOOR FINISH PLAN GENERAL NOTES

1. ALL INTERIOR WALLS TO RECEIVE PAINTED FINISH, UNO.
2. ALL FLOORING TRANSITIONS OCCUR AT CENTERLINE OF DOOR OR OPENING, UNO.
3. INDICATES WALLS THAT ARE NOT TO HAVE MECHANICAL OR ELECTRICAL DEVICES, I.E. THERMOSTATS, STROBES, EMERGENCY LIGHTS, ETC. DUE TO CONFLICT WITH SPECIAL FINISHES.
4. ALL FLOORS TO RECEIVE NEW FLOORING FINISH W/ NEW WALL BASE UNO.

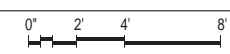
INTERIOR FINISH LEGEND

- | | | | |
|--|---|--|--|
| | CPT-1 | | SLIP RESISTANT RUBBER FLOORING |
| | CPT-2 | | RESIL-1 |
| | CPT-3 | | RESILIENT TILE |
| | EXISTING WALL CONSTRUCTION TO REMAIN | | NEW CONSTRUCTION - REFER TO PARTITION TYPES SHEET A002 FOR ADDITIONAL INFORMATION |
| | WALL TO RECEIVE CARPET TO 4'-0" A.F.F W/ CHAIR RAIL - PAINTED BLACK | | PAINT 1'-0" BAND ON WALL FROM 7'-0" AFF TO 8'-0" AFF/UNDERSIDE OF CEILING (FIELD VERIFY)- P3 |
| | PAINT WALL FROM GRID CEILING TO UNDER SIDE OF EXISTING CEILING BLACK, APPROXIMATELY 1'-0"-P-3 | | |

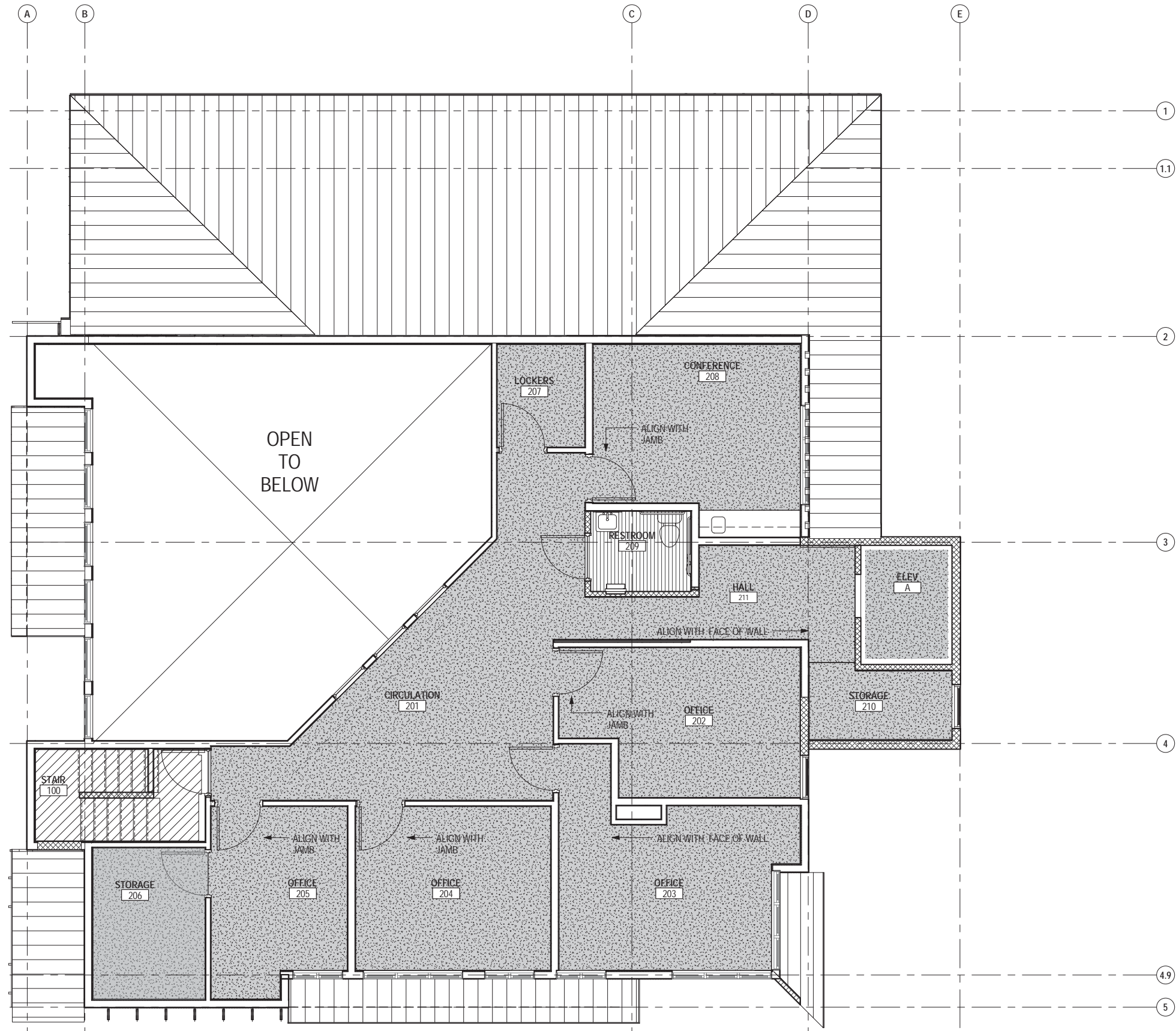


RIM ARCHITECTS
 645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
 PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
 CORPORATE NO. AECL1227.

1 FLOOR FINISH PLAN- FIRST FLOOR
 A103 1/4" = 1'-0"



DESIGNED: Designer	SUB SHEET NO. A103	TITLE OF SHEET FLOOR FINISH PLAN - FIRST FLOOR	DRAWING NO. 186
CADD: Author			80,040
TECH REVIEW: TR/MCL			PMIS/PKG NO. 184638
DATE: 2016.09.28		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	SHEET 11 OF 73



FLOOR FINISH PLAN GENERAL NOTES

1. ALL INTERIOR WALLS TO RECEIVE PAINTED FINISH, UNO.
2. ALL FLOORING TRANSITIONS OCCUR AT CENTERLINE OF DOOR OR OPENING, UNO.
3. INDICATES WALLS THAT ARE NOT TO HAVE MECHANICAL OR ELECTRICAL DEVICES, I.E. THERMOSTATS, STROBES, EMERGENCY LIGHTS, ETC. DUE TO CONFLICT WITH SPECIAL FINISHES.
4. ALL FLOORS TO RECEIVE NEW FLOORING FINISH W/ NEW WALL BASE UNO.

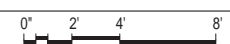
INTERIOR FINISH LEGEND

- CPT-1
- CPT-2
- CPT-3
- RESILIENT TILE
- EXISTING WALL CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION - REFER TO PARTITION TYPES SHEET A002 FOR ADDITIONAL INFORMATION
-
-
-

FLOOR PLAN LEGEND

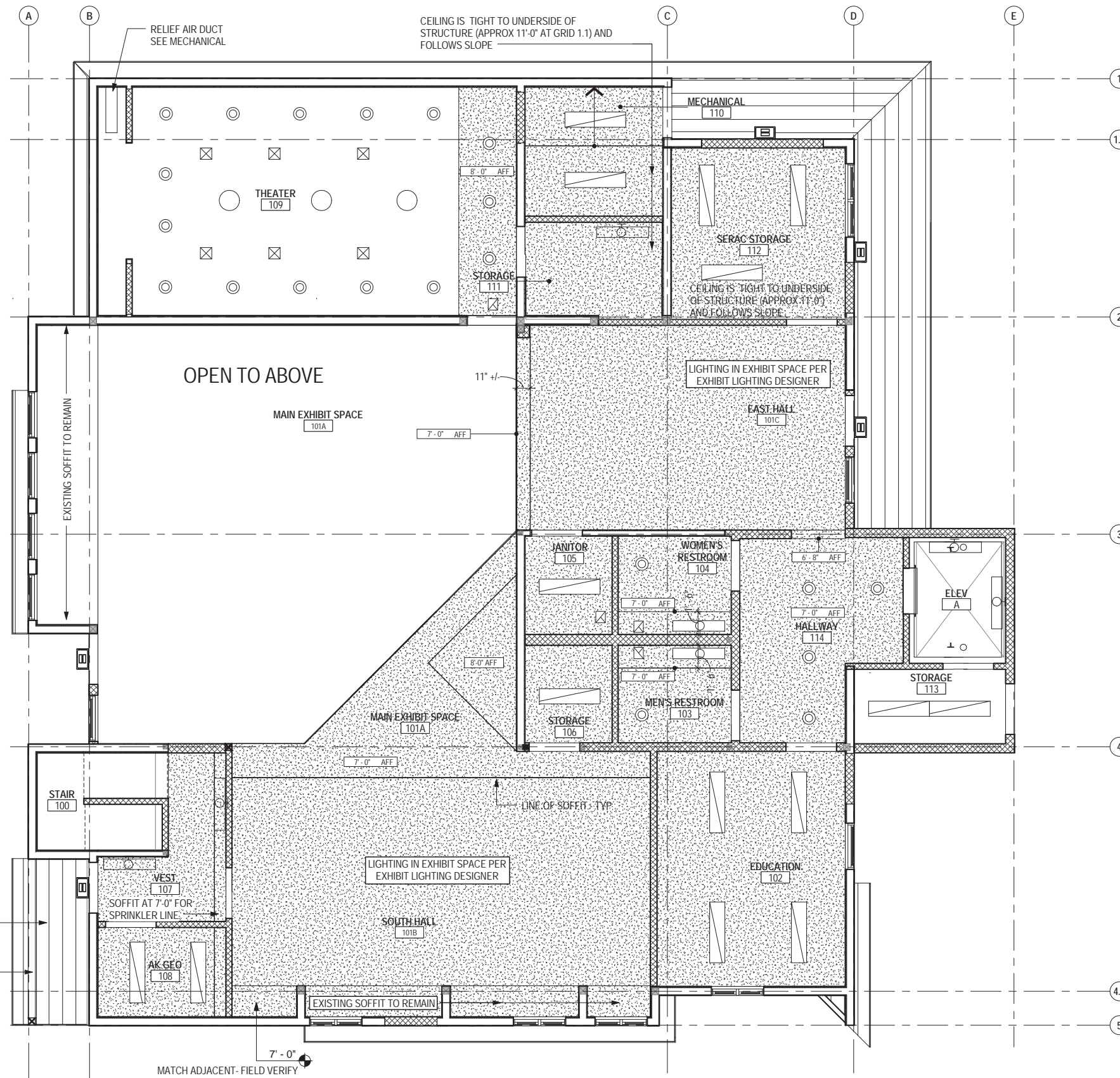
- EXISTING WALL CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION - REFER TO PARTITION TYPES SHEET A002 FOR ADDITIONAL INFORMATION

1
A104
FLOOR FINISH PLAN- SECOND FLOOR
1/4" = 1'-0"



DESIGNED: MCL	SUB SHEET NO. A104	TITLE OF SHEET FLOOR FINISH PLAN - SECOND FLOOR	DRAWING NO. 186
CADD: MCG			80,040
TECH REVIEW: TR/MCL			PMIS/PKG NO. 184638
DATE: 2016.09.28		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	SHEET 12 OF 73

RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.



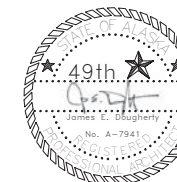
RCP GENERAL NOTES

1. FIELD VERIFICATION: CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND VERTICAL CONTROL PRIOR TO THE COMMENCEMENT OF WORK. PROMPTLY NOTIFY THE OWNER'S REPRESENTATIVE OR CONTRACTING OFFICER IN WRITING OF DISCREPANCIES IN NEW AND/OR EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL ABOVE CEILING WORK TO ENSURE CLEARANCES FOR SCHEDULED CEILING HEIGHTS.
2. DIMENSION GUIDE: ALL DIMENSIONS ARE TAKEN TO/FROM GRID LINE, AND FACE OF WOOD STUD PARTITION, UNLESS OTHERWISE NOTED. CLEAR DIMENSIONS WILL BE NOTED WHERE APPLICABLE FROM MATERIAL FINISHES.
3. CEILING HEIGHTS:
 FIRST FLOOR: ALL CEILINGS DESIGNATED ON THIS PLAN SHALL BE INSTALLED ON THE UNDERSIDE OF EXISTING STRUCTURE (WHICH IS APPROXIMATELY 8'-0" A.F.F.), UNLESS OTHERWISE NOTED ON THE PLAN.
 SECOND FLOOR: ALL CEILINGS TO BE INSTALLED AT 8'-0" AND TO MATCH EXISTING- FIELD VERIFY.
 ALL CEILING HEIGHTS CORRESPOND TO THE RESPECTIVE FINISH FLOOR ELEVATION/LEVEL.
4. CEILING DEVICES: ALL CEILING LAYOUT PLANS SHOW MOST MAJOR MECHANICAL AND ELECTRICAL DEVICES. SEE MECHANICAL AND ELECTRICAL DOCUMENTS FOR ADDITIONAL M/E DEVICES INCLUDED IN THE CEILING CONFIGURATION. CONTRACTOR TO COORDINATE LAYOUT OF ALL DEVICES.
5. NEW EXTERIOR SOFFITS: ALL EXTERIOR SOFFITS TO COMPLY WITH DESIGN WIND PRESSURES FOR SPECIFIED LOADING REQUIREMENTS. SEE STRUCTURAL FOR PERFORMANCE REQUIREMENTS.
6. LIGHTING IN EXHIBIT SPACE PER EXHIBIT LIGHTING DESIGNER.
7. SOFFIT UNDER EXISTING ROOF AT EAST PORCH TO REMAIN.
8. SOFFIT UNDER EXISTING SOUTH AND WEST ROOF OVERHANGS TO REMAIN.
9. ALL NEW EXTERIOR SOFFITS TO BE 1 X 6 T&G LUMBER - MATCH EXISTING FINISH.

RCP LEGEND

	GWB		RECESSED DOWN LIGHT - SEE ELECTRICAL DRAWINGS
	EXISTING GWB CEILING TO REMAIN, PATCH AND PAINT WHERE NECESSARY		LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
	CEILING HEIGHT AS NOTED		LINEAR WALL MOUNTED FIXTURE
	2' x 2' OPEN GRID SYSTEM, PAINTED-BLACK		MECHANICAL DIFFUSERS- SEE MECHANICAL DRAWINGS
	TRACK LIGHTING		20'x 24" ATTIC ACCESS HATCH
	(E) ATTIC ACCESS		LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS
	EXISTING WALL CONSTRUCTION TO REMAIN		CEILING MOUNT LED RING PENDANT
	NEW CONSTRUCTION - REFER TO PARTITION TYPES SHEET A002 FOR ADDITIONAL INFORMATION		

1
A105
1/4" = 1'-0"


















DESIGNED: MCL	SUB SHEET NO. A105	TITLE OF SHEET REFLECTED CEILING PLAN - FIRST FLOOR	DRAWING NO. 186 80,040
CADD: MCG			PMIS/PKG NO. 184638
TECH REVIEW: TR/MCL			SHEET
DATE: 2016.09.28		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	13 OF 73

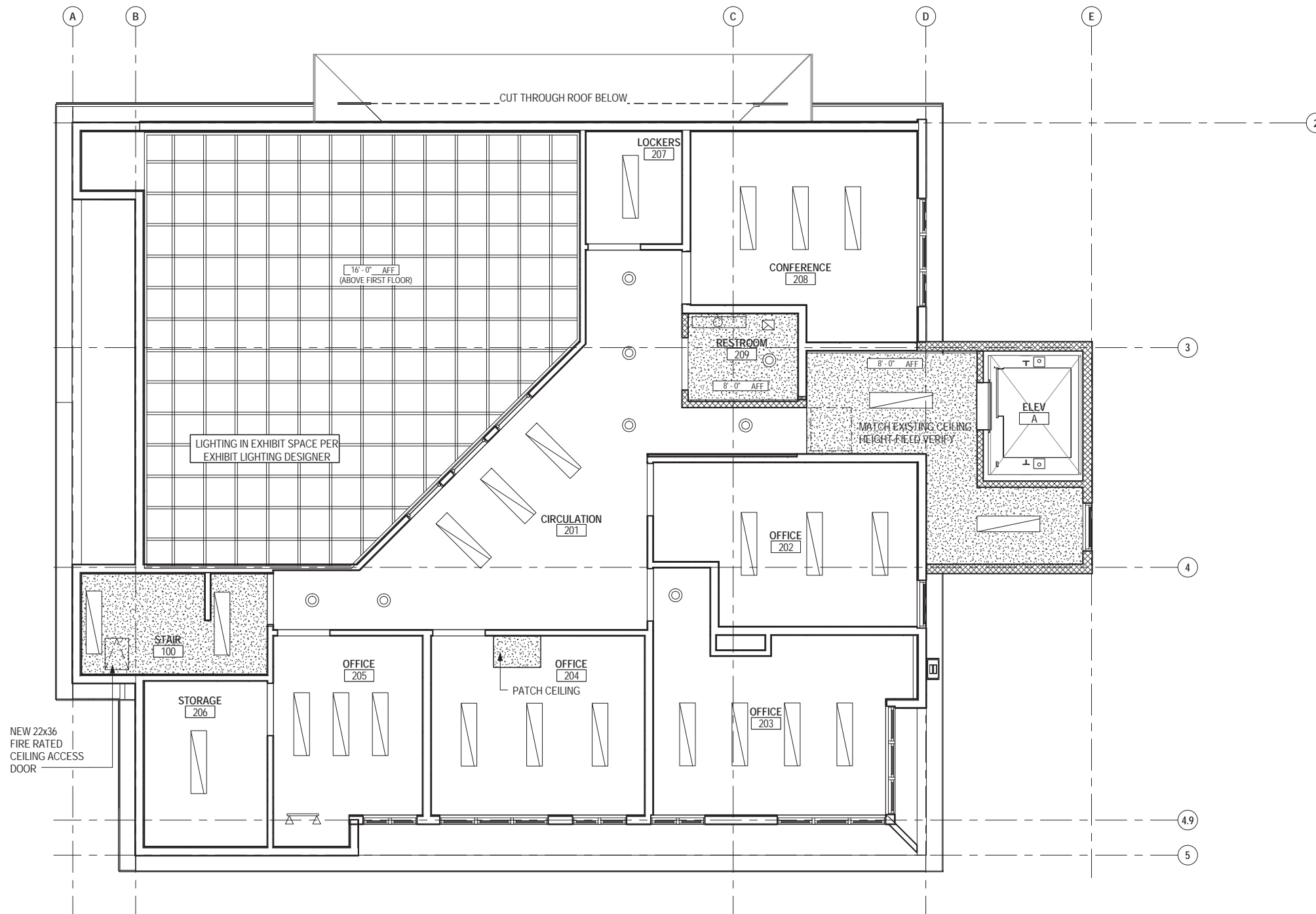
RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 11 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.

RCP GENERAL NOTES

1. FIELD VERIFICATION: CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND VERTICAL CONTROL PRIOR TO THE COMMENCEMENT OF WORK. PROMPTLY NOTIFY THE OWNER'S REPRESENTATIVE OR CONTRACTING OFFICER IN WRITING OF DISCREPANCIES IN NEW AND/OR EXISTING CONDITIONS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL ABOVE CEILING WORK TO ENSURE CLEARANCES FOR SCHEDULED CEILING HEIGHTS.
2. DIMENSION GUIDE: ALL DIMENSIONS ARE TAKEN TO/FROM GRID LINE, AND FACE OF WOOD STUD PARTITION, UNLESS OTHERWISE NOTED. CLEAR DIMENSIONS WILL BE NOTED WHERE APPLICABLE FROM MATERIAL FINISHES.
3. CEILING HEIGHTS:
FIRST FLOOR: ALL CEILINGS DESIGNATED ON THIS PLAN SHALL BE INSTALLED ON THE UNDERSIDE OF EXISTING STRUCTURE (WHICH IS APPROXIMATELY 8'-0" A.F.F.), UNLESS OTHERWISE NOTED ON THE PLAN.
SECOND FLOOR: ALL CEILINGS TO BE INSTALLED AT 8'-0" AND TO MATCH EXISTING - FIELD VERIFY.
 ALL CEILING HEIGHTS CORRESPOND TO THE RESPECTIVE FINISH FLOOR ELEVATION LEVEL.
4. CEILING DEVICES: ALL CEILING LAYOUT PLANS SHOW MOST MAJOR MECHANICAL AND ELECTRICAL DEVICES. SEE MECHANICAL AND ELECTRICAL DOCUMENTS FOR ADDITIONAL ME DEVICES INCLUDED IN THE CEILING CONFIGURATION. CONTRACTOR TO COORDINATE LAYOUT OF ALL DEVICES.
5. NEW EXTERIOR SOFFITS: ALL EXTERIOR SOFFITS TO COMPLY WITH DESIGN WIND PRESSURES FOR SPECIFIED LOADING REQUIREMENTS. SEE STRUCTURAL FOR PERFORMANCE REQUIREMENTS.
6. LIGHTING IN EXHIBIT SPACE PER EXHIBIT LIGHTING DESIGNER.
7. SOFFIT UNDER EXISTING ROOF AT EAST PORCH TO REMAIN.
8. SOFFIT UNDER EXISTING SOUTH AND WEST ROOF OVERHANGS TO REMAIN.
9. ALL NEW EXTERIOR SOFFITS TO BE 1 X 6 T&G LUMBER - MATCH EXISTING FINISH.

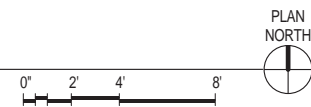
RCP LEGEND

- | | | | |
|---|---|---|---|
|  | GWB |  | RECESSED DOWN LIGHT - SEE ELECTRICAL DRAWINGS |
|  | EXISTING GWB CEILING TO REMAIN, PATCH AND PAINT WHERE NECESSARY |  | LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS |
|  | CEILING HEIGHT AS NOTED |  | LINEAR WALL MOUNTED FIXTURE |
|  | 2' x 2' OPEN GRID SYSTEM, PAINTED-BLACK |  | MECHANICAL DIFFUSERS- SEE MECHANICAL DRAWINGS |
|  | TRACK LIGHTING |  | 20"x 24" ATTIC ACCESS HATCH |
|  | (E) ATTIC ACCESS |  | LIGHT FIXTURE - SEE ELECTRICAL DRAWINGS |
|  | EXISTING WALL CONSTRUCTION TO REMAIN |  | CEILING MOUNT LED RING PENDANT |
|  | NEW CONSTRUCTION - REFER TO PARTITION TYPES SHEET A002 FOR ADDITIONAL INFORMATION | | |



1
A106
1/4" = 1'-0"

CEILING PLAN- SECOND FLOOR



DESIGNED: MCL	SUB SHEET NO. A106	TITLE OF SHEET REFLECTED CEILING PLAN - SECOND FLOOR	DRAWING NO. 186 80,040
CADD: MCG			PMIS/PKG NO. 184638
TECH REVIEW: TR/MCL			SHEET
DATE: 2016.09.28			14 OF 73




RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.

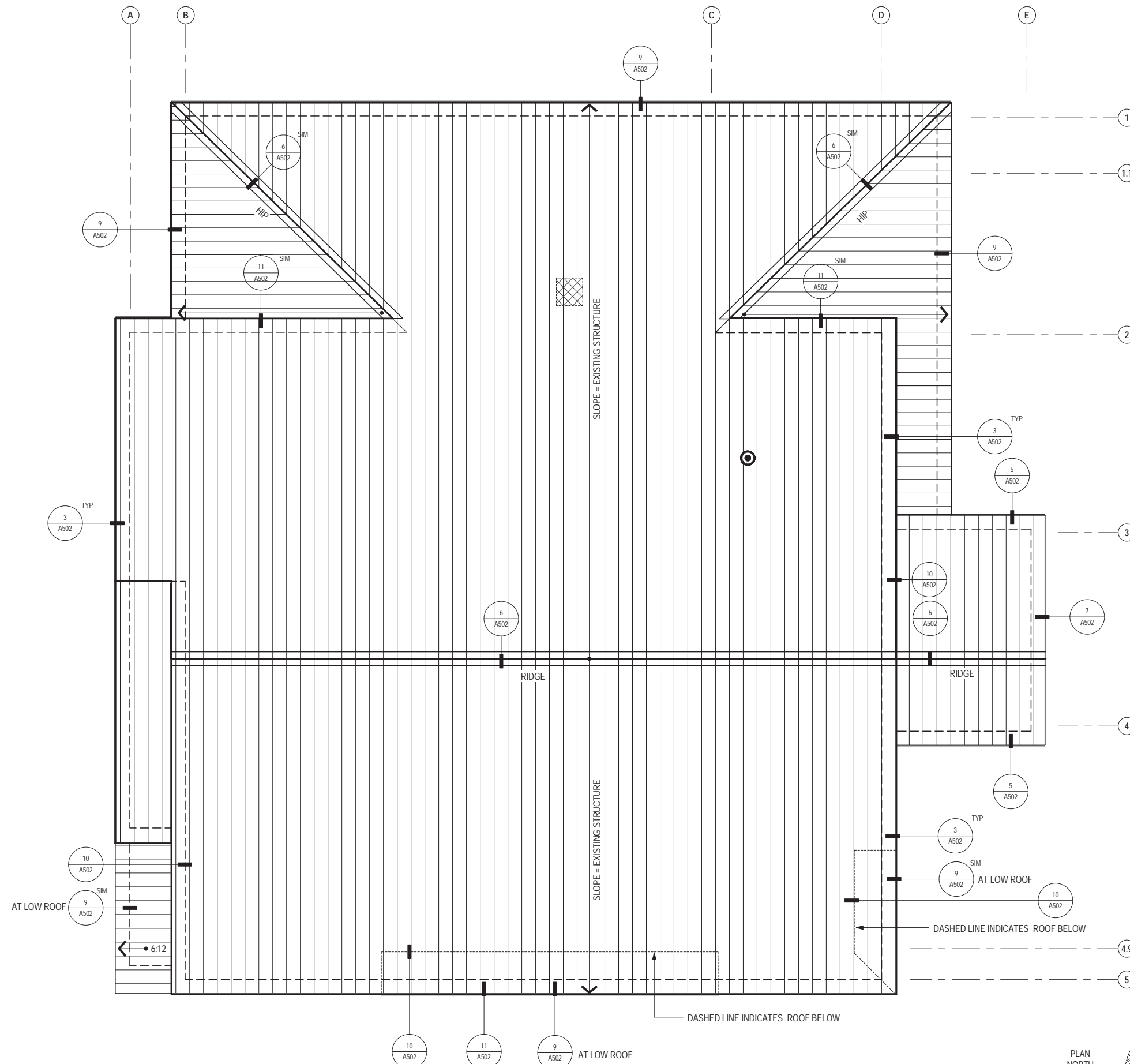
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

ROOF PLAN GENERAL NOTES

1. WIND LOADING: ALL EXTERIOR ROOFING ASSEMBLIES TO COMPLY WITH DESIGN WIND PRESSURES FOR SPECIFIED LOADING REQUIREMENTS, INCLUDING ALL RELATED METAL FLASHINGS. SEE STRUCTURAL FOR PERFORMANCE REQUIREMENTS.
2. ALL ROOF PLANS SHOW MOST MAJOR MECHANICAL AND ELECTRICAL ROOF-MOUNTED EQUIPMENT AND DEVICES. SEE MECHANICAL AND ELECTRICAL DOCUMENTS FOR ADDITIONAL DEVICES INCLUDED ON THE ROOF. CONTRACTOR TO COORDINATE LAYOUTS AND MOUNTING REQUIREMENTS
3. ROOF SLOPE: NEW ROOF ASSEMBLY TO BE INSTALLED WITH EXISTING ROOF SLOPE. REMOVE AND REPALCE ALL EXISTING STANDING SEAM ROOFING, UNDERLAYMENT, TRIM & MISC. ACCESSORIES. REFER TO DETAILS ON SHEET A502.

ROOF PLAN LEGEND

-  3' VTR - REFER TO DETAIL 1/A502
-  PATCH PLYWOOD FROM EXHAUST PENETRATION- PRIOR TO REROOFING
-  STANDING SEAM METAL ROOFING - REFER TO ASSEMBLY TYPES ON SHEET A303






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

RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227

DESIGNED: MCL	SUB SHEET NO. A107	TITLE OF SHEET ROOF PLAN	DRAWING NO. 186
CADD: MCG			80,040
TECH REVIEW: TR/MCL			PMIS/PKG NO. 184638
DATE: 2016.09.28		SHEED SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	SHEET 15 OF 73



EXTERIOR ELEVATION LEGEND

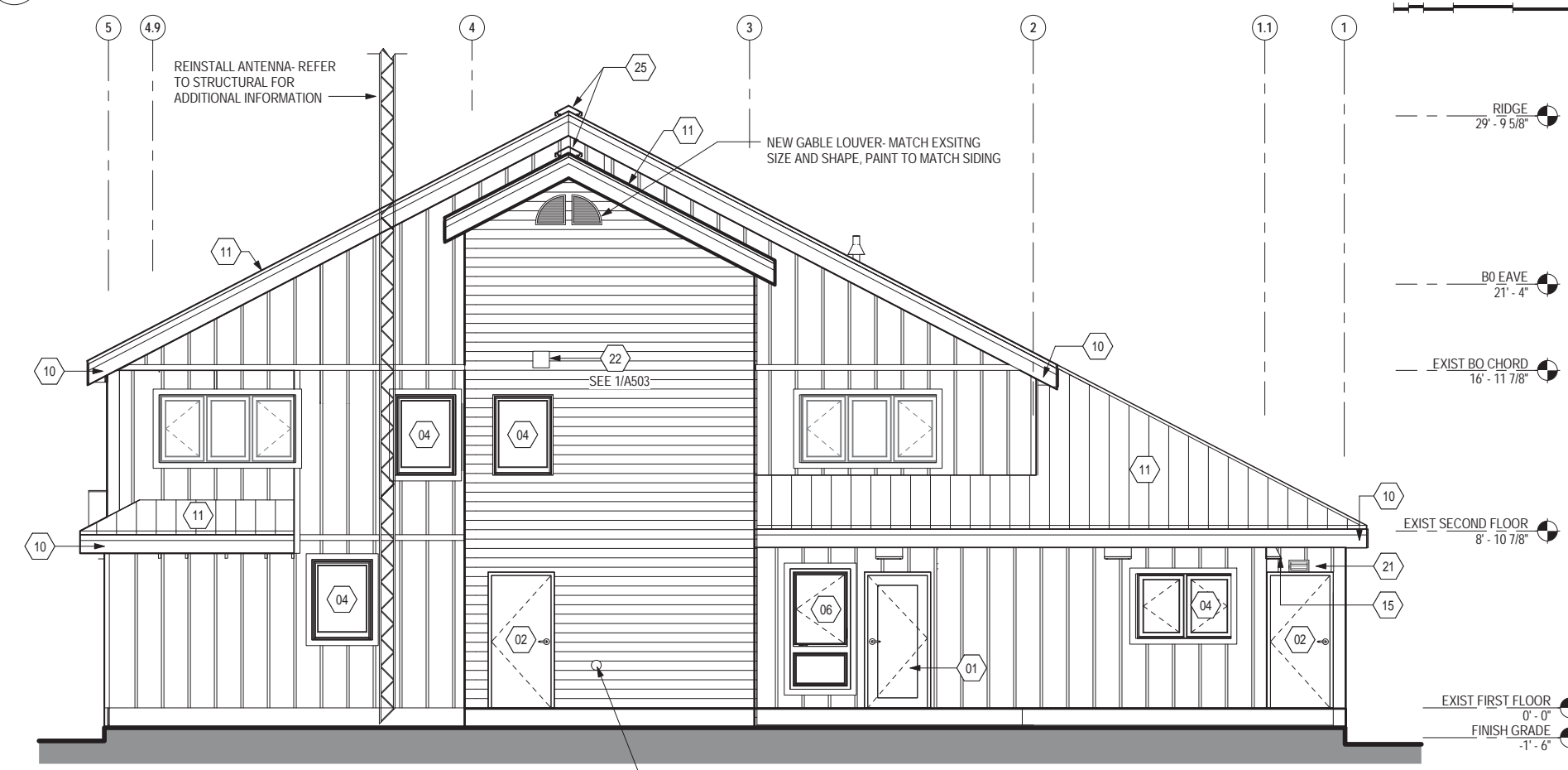
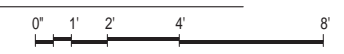
-  STANDING SEAM METAL ROOF
-  8" HORIZONTAL LAP TREATED ENGINEERED WOOD SIDING
-  BOARD AND BATTEN TREATED ENGINEERED WOOD SIDING. 4' x 8' PANELS W/ 3/4" X 2.5" TREATED ENGINEERED WOOD BATTENS @ 16" OC.

EXTERIOR ELEVATION SHEET NOTES

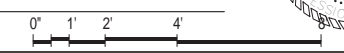
- SHOWN IN PLAN AS (X)
- 01 (E) RELOCATE FULL LITE HM DOOR AND FRAME
 - 02 (N) HM DOOR AND FRAME
 - 03 NOT USED
 - 04 (N) THERMALLY BROKEN VINYL CLAD WOOD WINDOWS W/ INTERIOR WOOD FRAME
 - 06 (E) REINSTALL SALVAGED WINDOW
 - 07 NOT USED
 - 09 NOT USED
 - 10 (N) 1'-0" EAVE EXTENSIONS AND WOOD FASCIA, TYP.
 - 11 (N) STANDING SEAM METAL ROOF
 - 13 (N) ENTRY CANOPY FRAMING AND STANDING SEAM METAL ROOF
 - 14 (N) KNOX BOX AT 5'-6"
 - 15 (N) EXTERIOR LIGHTING FIXTURE, SEE ELECTRICAL
 - 17 (N) VTR, SEE MECH.
 - 21 (N) PREFINISHED METAL LOUVER, SEE MECH.
 - 22 (N) PREFINISHED METAL EXHAUST, SEE MECH.
 - 24 (N) ELECTRICAL SERVICE EQUIPMENT
 - 25 (N) RIDGE VENT
 - 26 FOUNDATION VENTS REMOVE AND REPLACE.
 - 27 (N) FIRE DEPARTMENT CONNECTION
 - 28 (N) FIRE ALARM BELL
 - 29 (E) 4X4 POST STAIN



2 WEST ELEVATION
A201 1/4" = 1'-0"



1 EAST ELEVATION
A201 1/4" = 1'-0"



DESIGNED:
MCL
CADD:
MCG
TECH REVIEW:
TR/MCL
DATE:
2016.09.28




SUB SHEET NO.
A201

TITLE OF SHEET
EXTERIOR ELEVATIONS
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

DRAWING NO.
186
80,040
PMIS/PKG NO.
184638
SHEET
16 OF 73

RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.

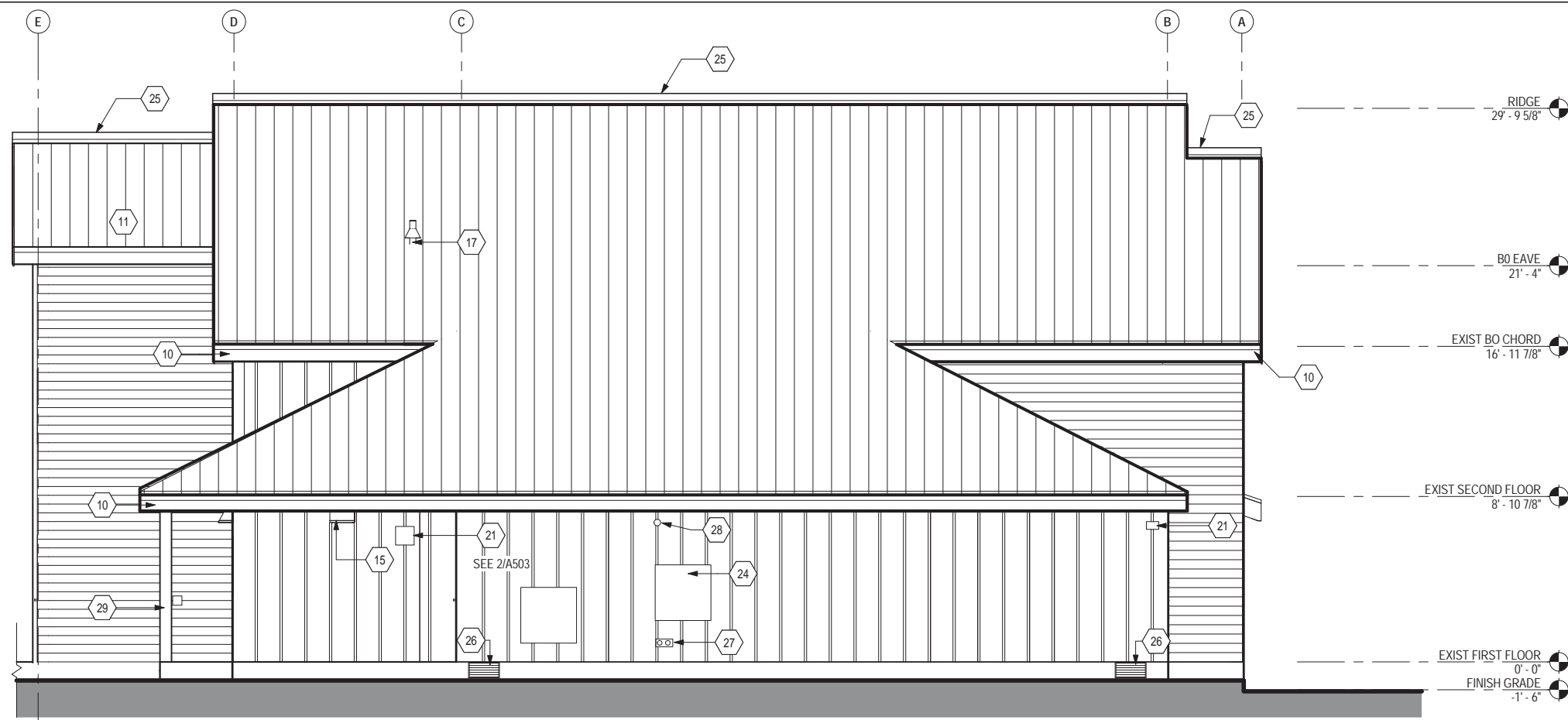
EXTERIOR ELEVATION LEGEND

-  STANDING SEAM METAL ROOF
-  8" HORIZONTAL LAP TREATED ENGINEERED WOOD SIDING
-  BOARD AND BATTEN TREATED ENGINEERED WOOD SIDING. 4' x 8' PANELS W/ 3/4" X 2.5" TREATED ENGINEERED WOOD BATTENS @ 16" OC.

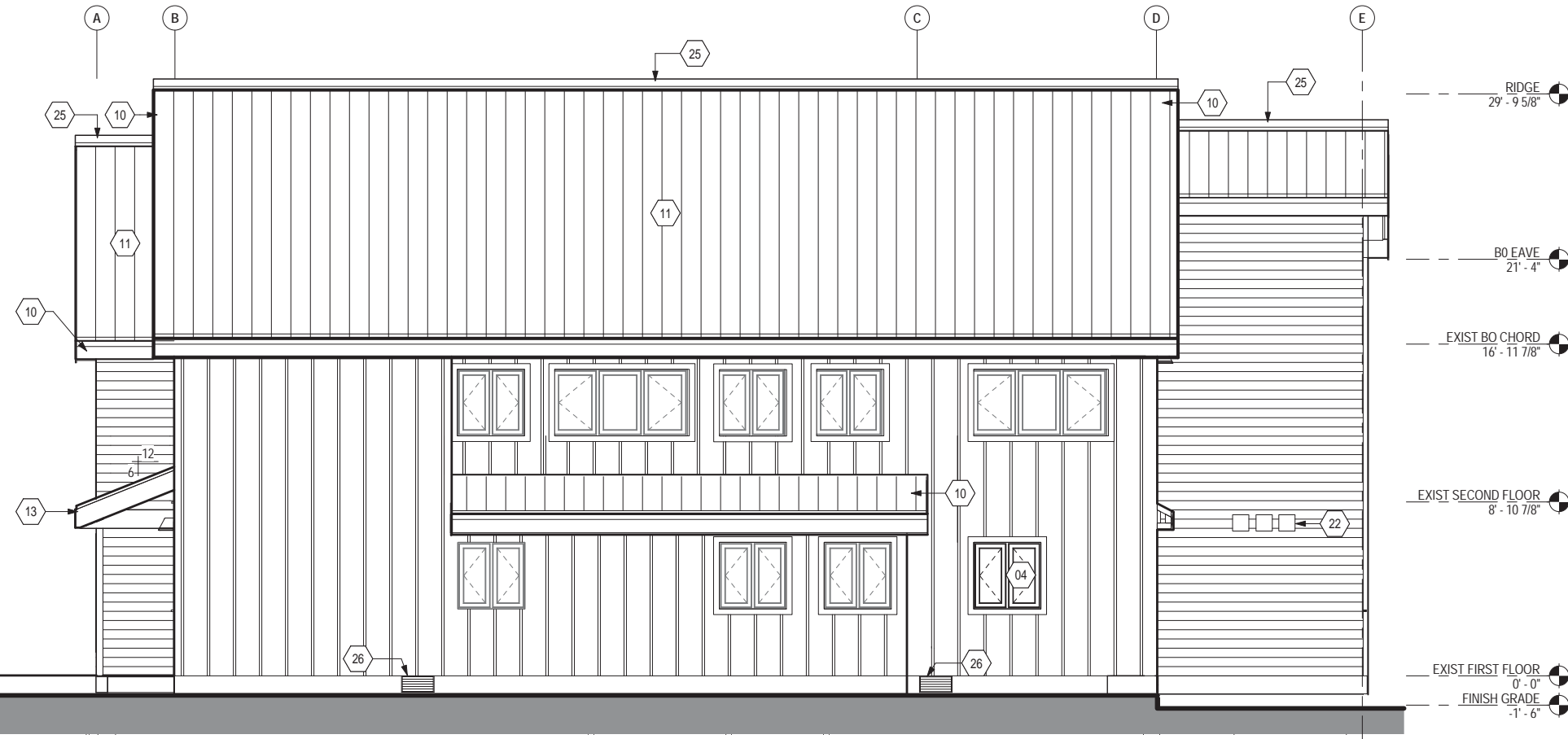
ELEVATION SHEET NOTES

(X)
SHOWN IN PLAN AS

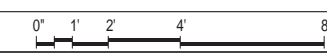
- 01 (E) RELOCATE FULL LITE HM DOOR AND FRAME
- 02 (N) HM DOOR AND FRAME
- 03 NOT USED
- 04 (N) THERMALLY BROKEN VINYL CLAD WOOD WINDOWS W/ INTERIOR WOOD FRAME
- 06 (E) REINSTALL SALVAGED WINDOW
- 07 NOT USED
- 09 NOT USED
- 10 (N) 1'-0" EAVE EXTENSIONS AND WOOD FASCIA, TYP.
- 11 (N) STANDING SEAM METAL ROOF
- 13 (N) ENTRY CANOPY FRAMING AND STANDING SEAM METAL ROOF
- 14 (N) KNOX BOX AT 5'-6"
- 15 (N) EXTERIOR LIGHTING FIXTURE, SEE ELECTRICAL
- 17 (N) VTR, SEE MECH.
- 21 (N) PREFINISHED METAL LOUVER, SEE MECH.
- 22 (N) PREFINISHED METAL EXHAUST, SEE MECH.
- 24 (N) ELECTRICAL SERVICE EQUIPMENT
- 25 (N) RIDGE VENT
- 26 FOUNDATION VENTS REMOVE AND REPLACE.
- 27 (N) FIRE DEPARTMENT CONNECTION
- 28 (N) FIRE ALARM BELL
- 29 (E) 4X4 POST STAIN



2
A202
1/4" = 1'-0"



1
A202
1/4" = 1'-0"



RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.



DESIGNED: MCL	SUB SHEET NO. A202	TITLE OF SHEET EXTERIOR ELEVATIONS SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	DRAWING NO. 186
CADD: NH			80,040
TECH REVIEW: TR/MCL			PMIS/PKG NO. 184638
DATE: 2016.09.28			SHEET 17 OF 73

ASSEMBLY TYPES

FLOOR ASSEMBLY: TYPE 1 NON RATED, TYPICAL

- 5/8" PLYWOOD SHEATHING
- 2x12 JOIST FRAMING

WALL ASSEMBLY: TYPE 1

- (N) ENGINEERED WOOD SIDING
- (N) WEATHER BARRIER
- (E) 1/2" PLYWOOD SHEATHING
- (E) 2x6 WOOD STUDS WITH BATT INSULATION
- (E) VAPOR RETARDER
- (E) 1/2" PLYWOOD SHEATHING
- (E) 5/8" GYPSUM BOARD

WALL ASSEMBLY: TYPE 2

- ENGINEERED WOOD SIDING
- RAINSCREEN WEATHER BARRIER
- 1/2" PLYWOOD SHEATHING
- 2x6 WOOD STUDS WITH BATT INSULATION (R-24 MIN.)
- VAPOR RETARDER
- 1/2" PLYWOOD SHEATHING
- 5/8" GYPSUM BOARD

ROOF ASSEMBLY: TYPE 1 CLASS C, TYPICAL UNO

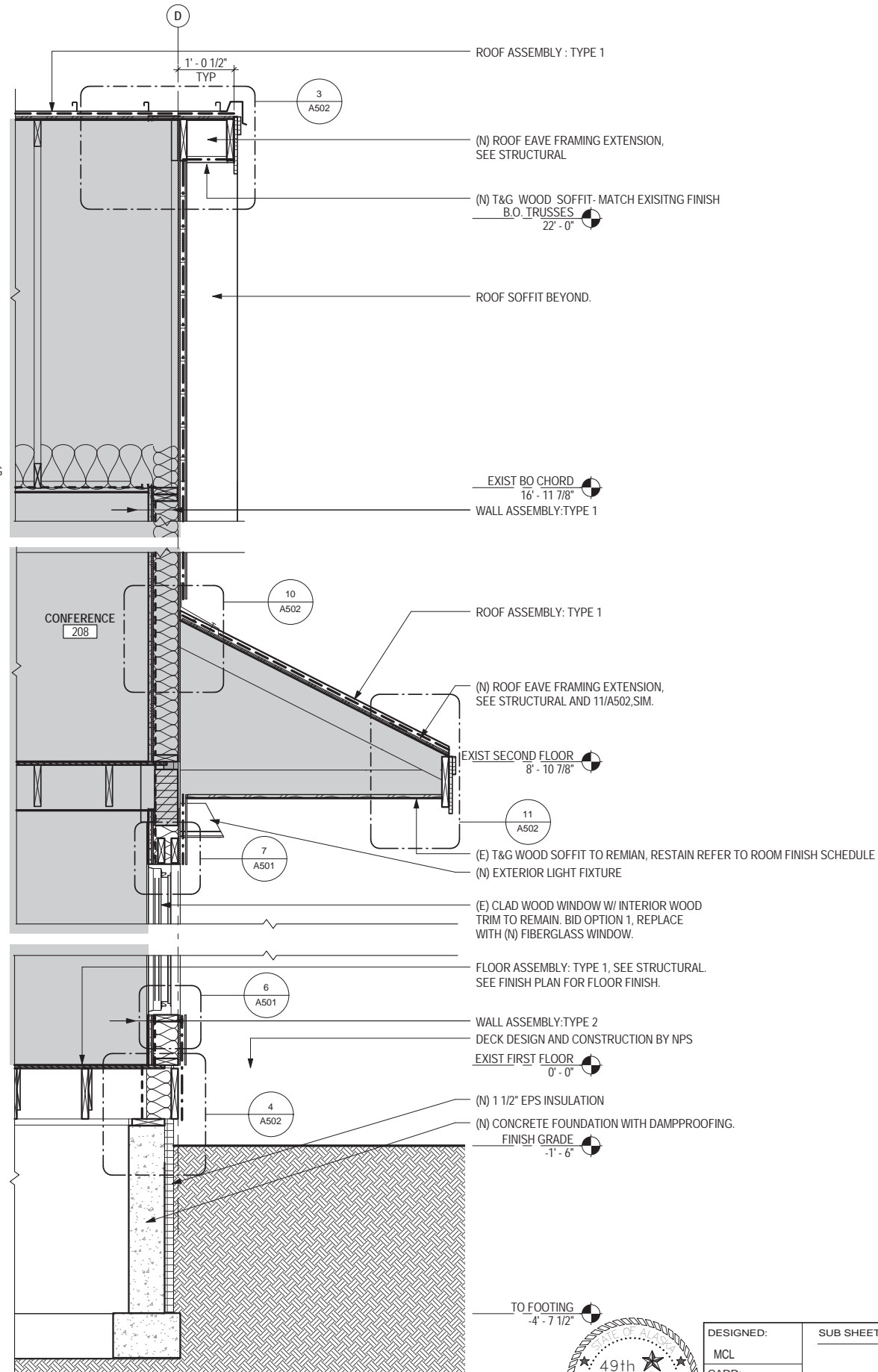
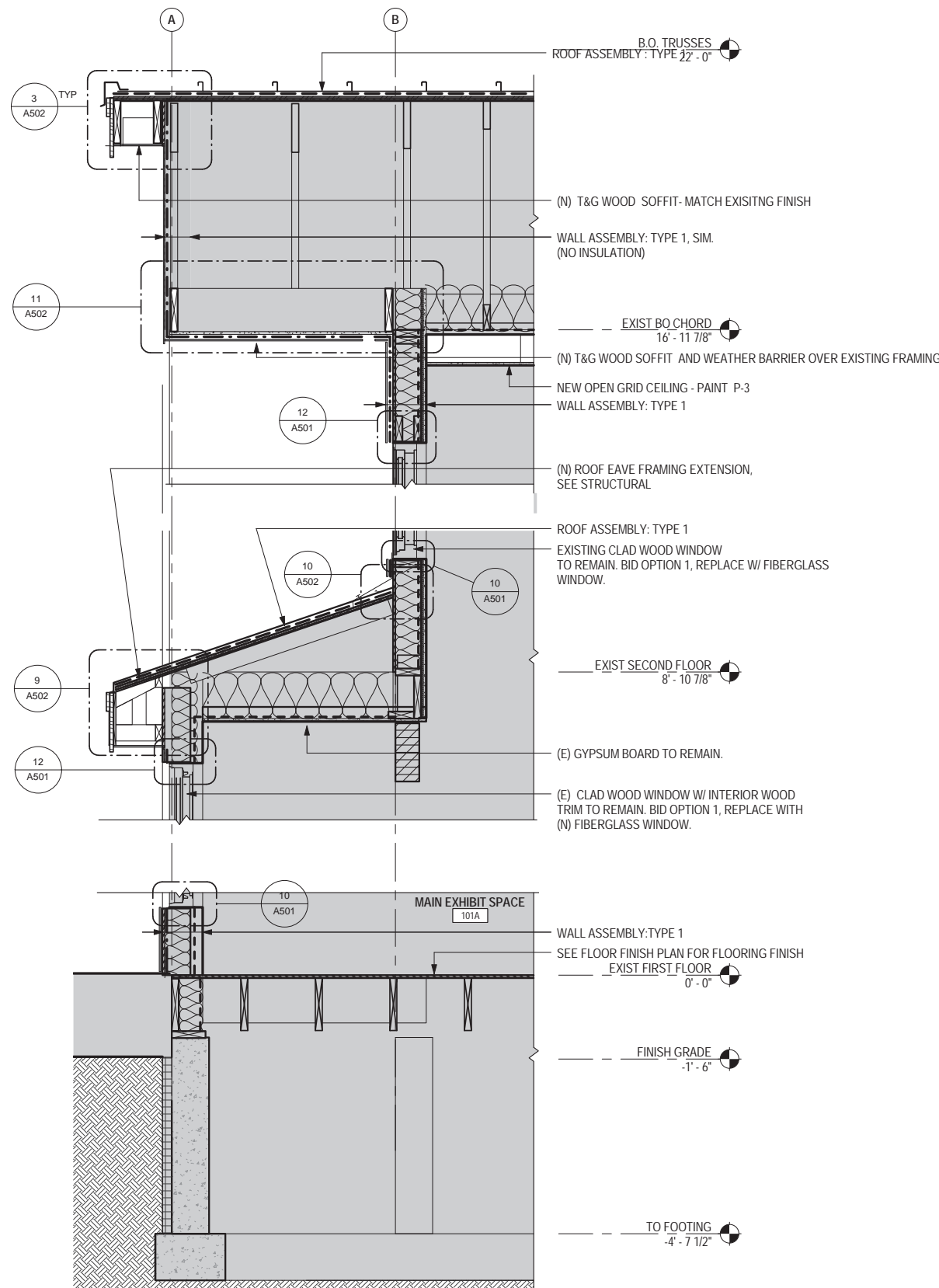
- (N) STANDING SEAM METAL ROOF
- (N) UNDERLAYMENT
- (E) PLYWOOD SHEATHING
- TRUSSES OR NEW FRAMING EXTENSIONS, SEE STRUCTURAL

ROOF ASSEMBLY: TYPE 2 CLASS C, TYPICAL UNO

- STANDING SEAM METAL ROOF
- UNDERLAYMENT
- PLYWOOD SHEATHING
- 2x10 JOIST FRAMING

LEGEND

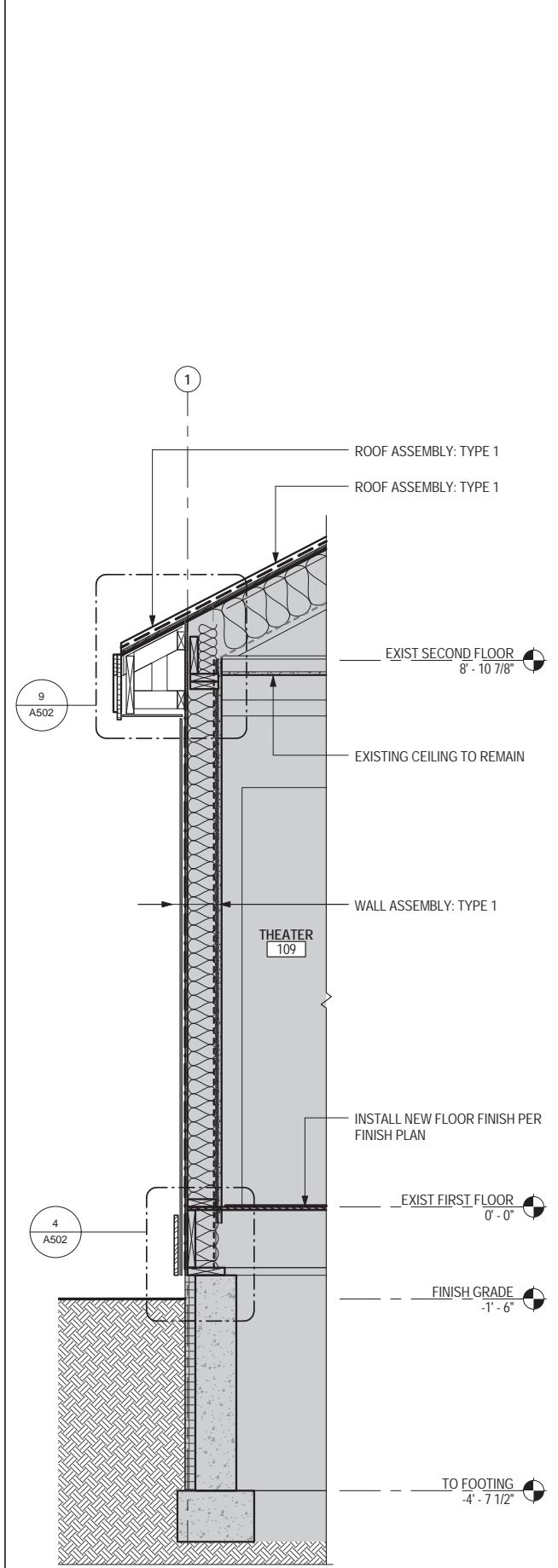

 SHADED AREAS REPRESENT THAT THERE IS NO STRUCTURAL OR EXTERIOR ASSEMBLY WORK IN THIS AREA. FOR EXISTING/ NEW WORK ON THE INTERIORS REFER TO THE A100 SERIES OF DRAWINGS



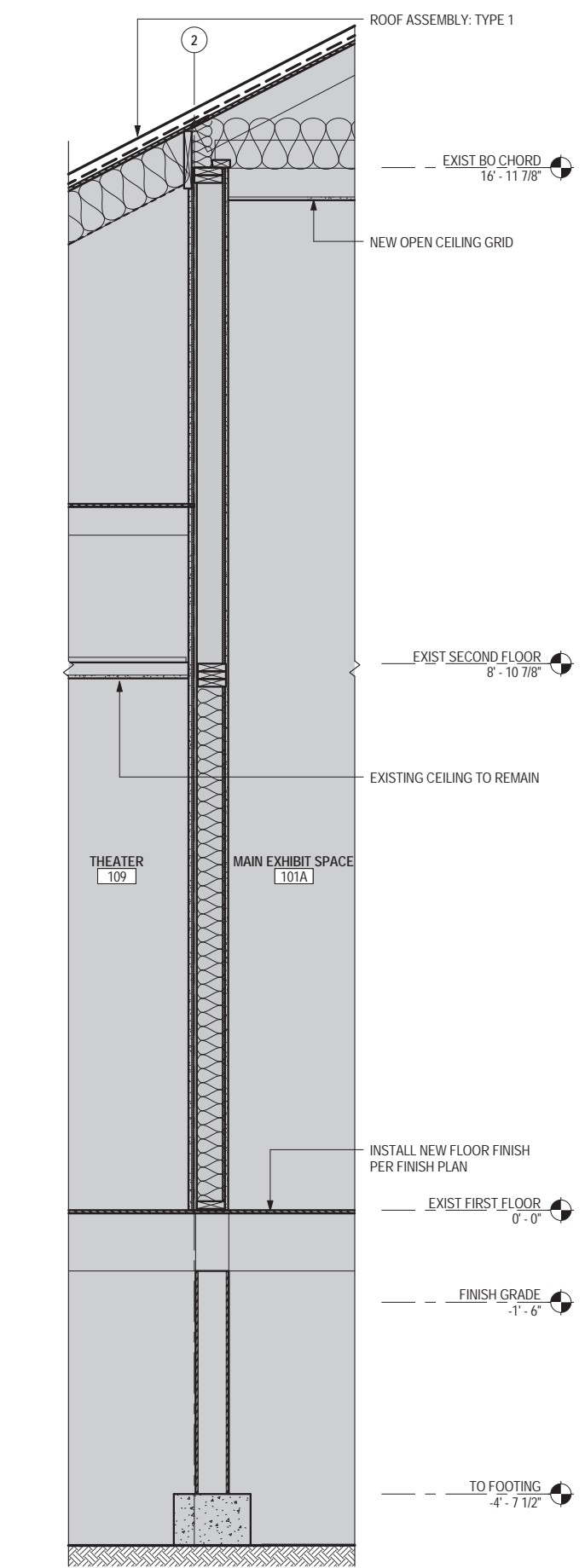
DESIGNED: MCL	SUB SHEET NO. A302
CADD: MCG	
TECH REVIEW: TR/MCL	
DATE: 2016.09.28	

TITLE OF SHEET WALL SECTIONS
SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK

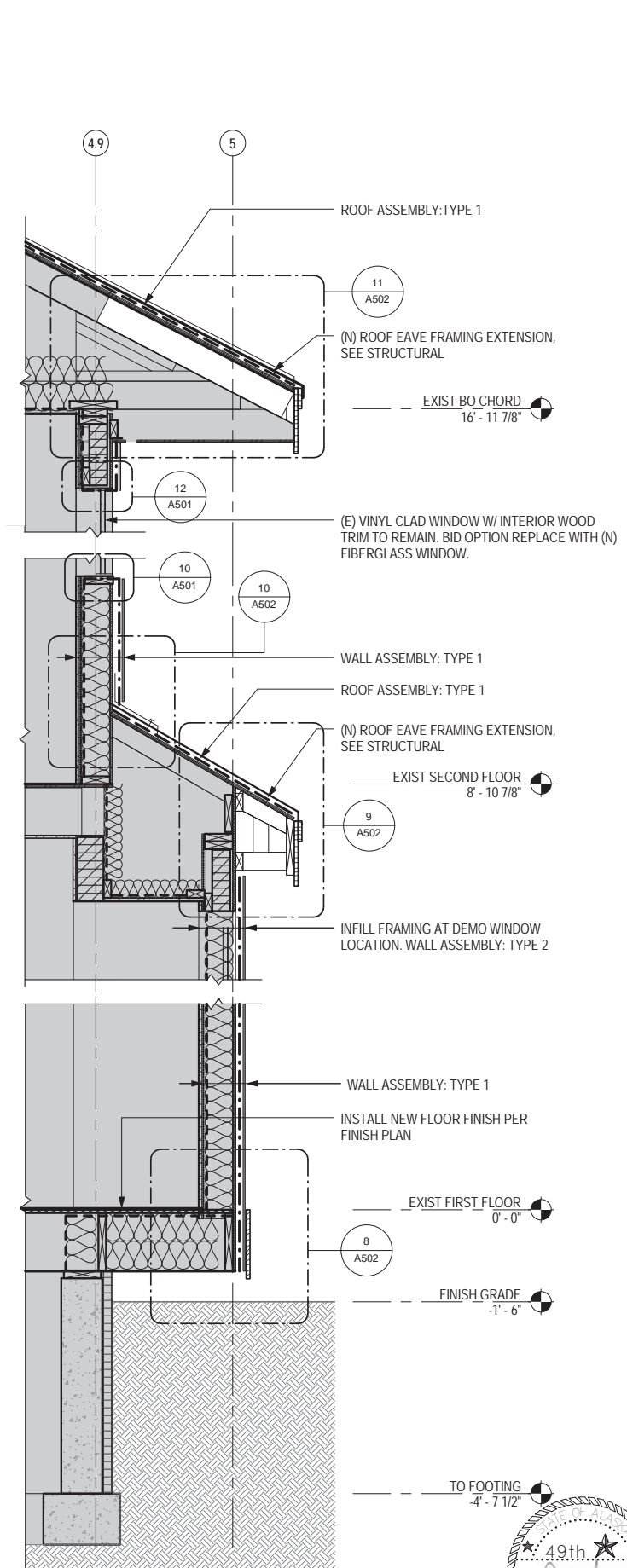
RIM ARCHITECTS 645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777 PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777 CORPORATE NO. AECL1227.	DRAWING NO. 186 80,040 PMIS/PKG NO. 184638 SHEET 19 OF 73
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3 EAVE WALL SECTION
 A303 3/4" = 1'-0"
 0" 6" 1' 2'



2 SHEAR WALL SECTION AT 109
 A303 3/4" = 1'-0"
 0" 6" 1' 2'



1 INSET EAVE WALL SECTION
 A303 3/4" = 1'-0"
 0" 6" 1' 2'

ASSEMBLY TYPES

- FLOOR ASSEMBLY: TYPE 1 NON RATED, TYPICAL**
- 5/8" PLYWOOD SHEATHING
 - 2x12 JOIST FRAMING
- WALL ASSEMBLY: TYPE 1**
- (N) ENGINEERED WOOD SIDING
 - (N) WEATHER BARRIER
 - (E) 1/2" PLYWOOD SHEATHING
 - (E) 2x6 WOOD STUDS WITH BATT INSULATION
 - (E) VAPOR RETARDER
 - (E) 1/2" PLYWOOD SHEATHING
 - (E) 5/8" GYPSUM BOARD
- WALL ASSEMBLY: TYPE 2**
- ENGINEERED WOOD SIDING
 - RAINSCREEN WEATHER BARRIER
 - 1/2" PLYWOOD SHEATHING
 - 2x6 WOOD STUDS WITH BATT INSULATION (R-24 MIN.)
 - VAPOR RETARDER
 - 1/2" PLYWOOD SHEATHING
 - 5/8" GYPSUM BOARD
- ROOF ASSEMBLY: TYPE 1 CLASS C, TYPICAL UNO**
- (N) STANDING SEAM METAL ROOF
 - (N) UNDERLAYMENT
 - (E) PLYWOOD SHEATHING
 - TRUSSES OR NEW FRAMING EXTENSIONS, SEE STRUCTURAL
- ROOF ASSEMBLY: TYPE 2 CLASS C, TYPICAL UNO**
- STANDING SEAM METAL ROOF
 - UNDERLAYMENT
 - PLYWOOD SHEATHING
 - 2x10 JOIST FRAMING

LEGEND

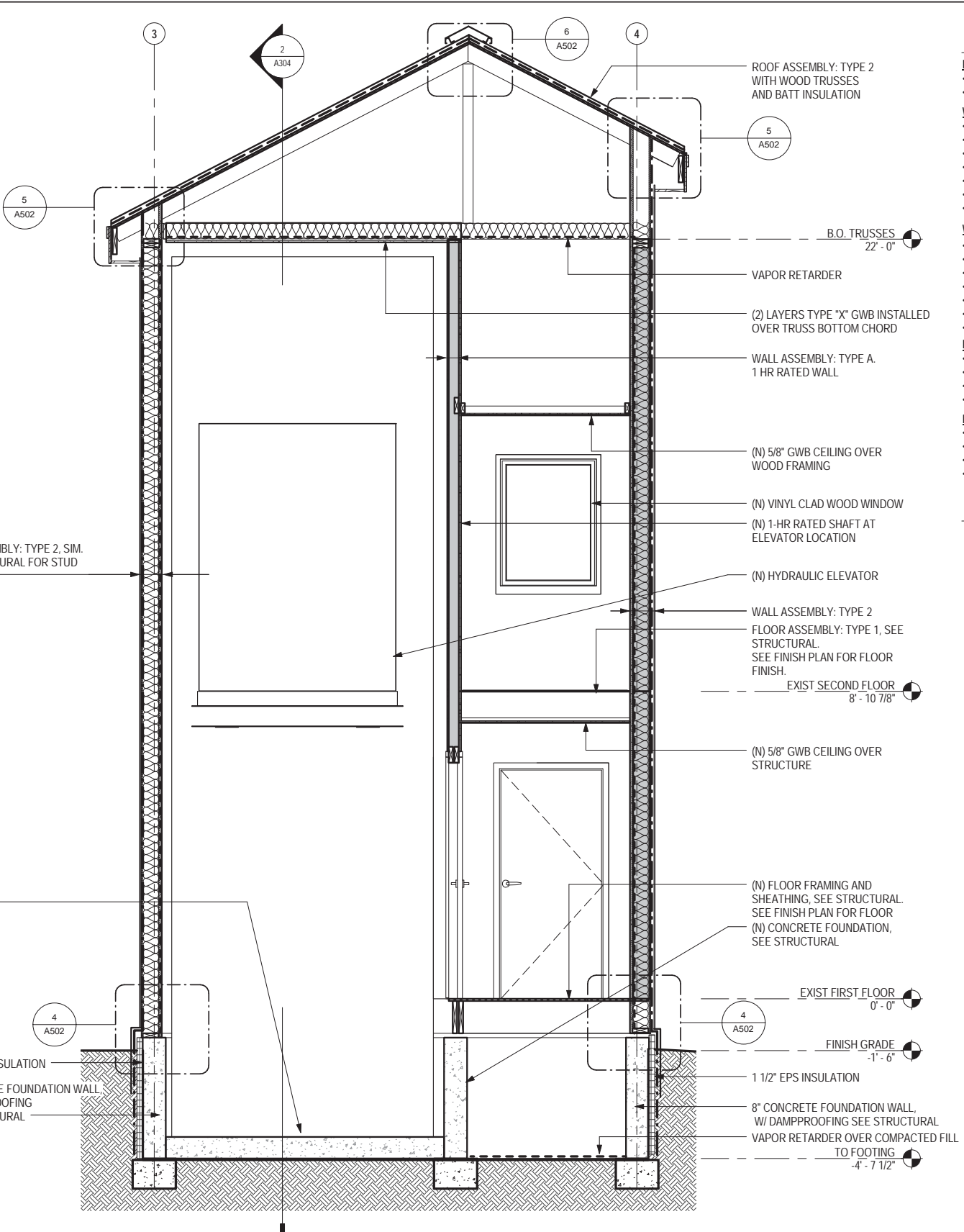
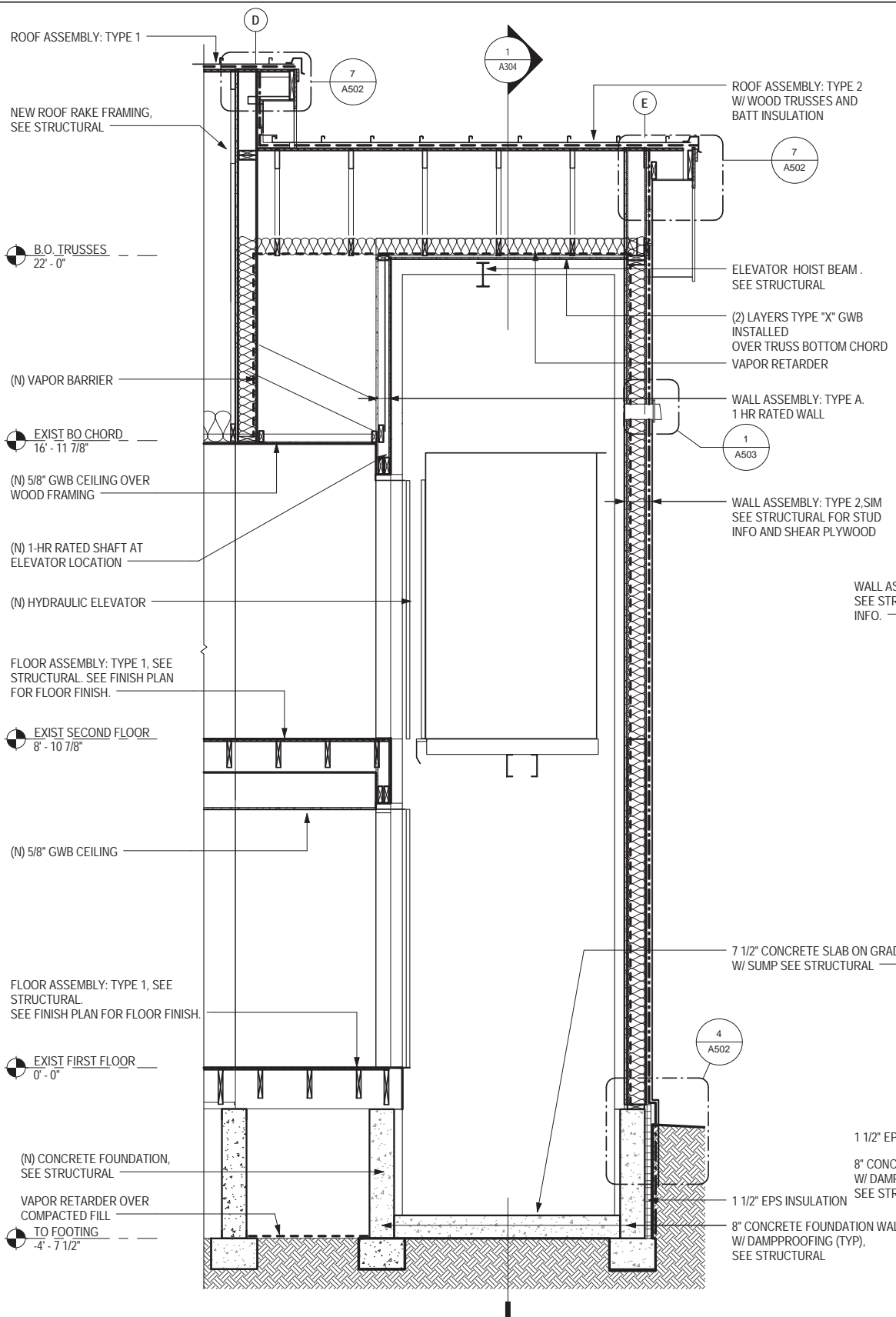
SHADED AREAS REPRESENT THAT THERE IS NO STRUCTURAL OR EXTERIOR ASSEMBLY WORK IN THIS AREA. FOR EXISTING/ NEW WORK ON THE INTERIORS REFER TO THE A100 SERIES OF DRAWINGS

RIM ARCHITECTS
 645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
 PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
 CORPORATE NO. AECL1227



DESIGNED: MCL	SUB SHEET NO. A303	TITLE OF SHEET WALL SECTIONS	DRAWING NO. 186
CADD: MCG			80,040
TECH REVIEW: TR/MCL			PMIS/PKG NO. 184638
DATE: 2016.09.28			SHEET 20 OF 73

SEWARD VISITOR CENTER REHAB
 KENAI FJORDS NATIONAL PARK



ASSEMBLY TYPES

- FLOOR ASSEMBLY: TYPE 1 NON RATED, TYPICAL**
- 5/8" PLYWOOD SHEATHING
 - 2x12 JOIST FRAMING
- WALL ASSEMBLY: TYPE 1**
- (N) ENGINEERED WOOD SIDING
 - (N) WEATHER BARRIER
 - (E) 1/2" PLYWOOD SHEATHING
 - (E) 2x6 WOOD STUDS WITH BATT INSULATION
 - (E) VAPOR RETARDER
 - (E) 1/2" PLYWOOD SHEATHING
 - (E) 5/8" GYPSUM BOARD
- WALL ASSEMBLY: TYPE 2**
- ENGINEERED WOOD SIDING
 - RAINSCREEN WEATHER BARRIER
 - 1/2" PLYWOOD SHEATHING
 - 2x6 WOOD STUDS WITH BATT INSULATION (R-24 MIN.)
 - VAPOR RETARDER
 - 1/2" PLYWOOD SHEATHING
 - 5/8" GYPSUM BOARD
- ROOF ASSEMBLY: TYPE 1 CLASS C, TYPICAL UNO**
- (N) STANDING SEAM METAL ROOF
 - (N) UNDERLAYMENT
 - (E) PLYWOOD SHEATHING
 - TRUSSES OR NEW FRAMING EXTENSIONS, SEE STRUCTURAL
- ROOF ASSEMBLY: TYPE 2 CLASS C, TYPICAL UNO**
- STANDING SEAM METAL ROOF
 - UNDERLAYMENT
 - PLYWOOD SHEATHING
 - 2x10 JOIST FRAMING

LEGEND

SHADED AREAS REPRESENT THAT THERE IS NO STRUCTURAL OR EXTERIOR ASSEMBLY WORK IN THIS AREA. FOR EXISTING/ NEW WORK ON THE INTERIORS REFER TO THE A100 SERIES OF DRAWINGS

2 NORTH/SOUTH ELEVATOR SECTION

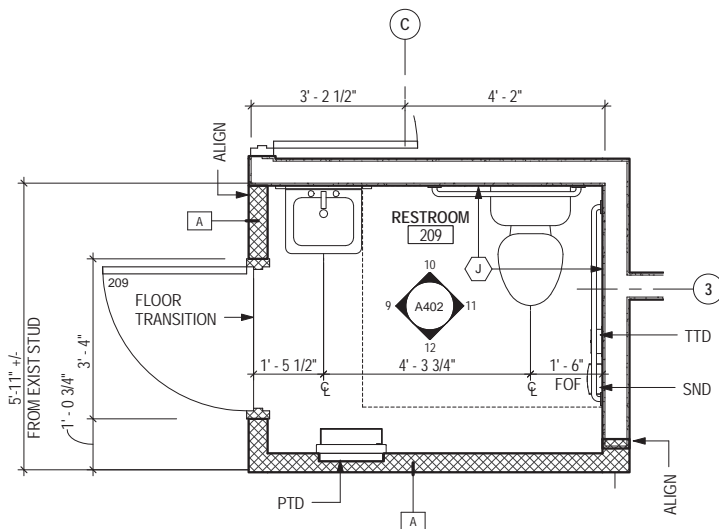
1 EAST/WEST ELEVATOR SECTION



DESIGNED: MCL	SUB SHEET NO. A304
CADD: MCG	
TECH REVIEW: TR/MCL	
DATE: 2016.09.28	

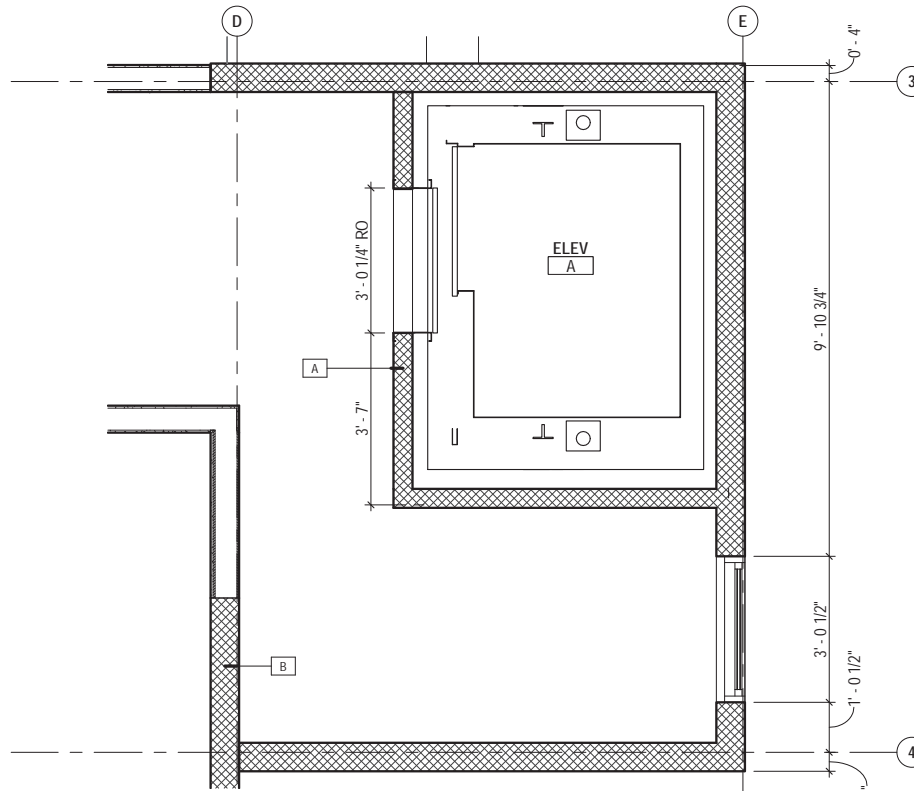
TITLE OF SHEET ELEVATOR SECTIONS		DRAWING NO. 186
SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK		80,040
		PMIS/PKG NO. 184638
		SHEET 21 OF 73

RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.



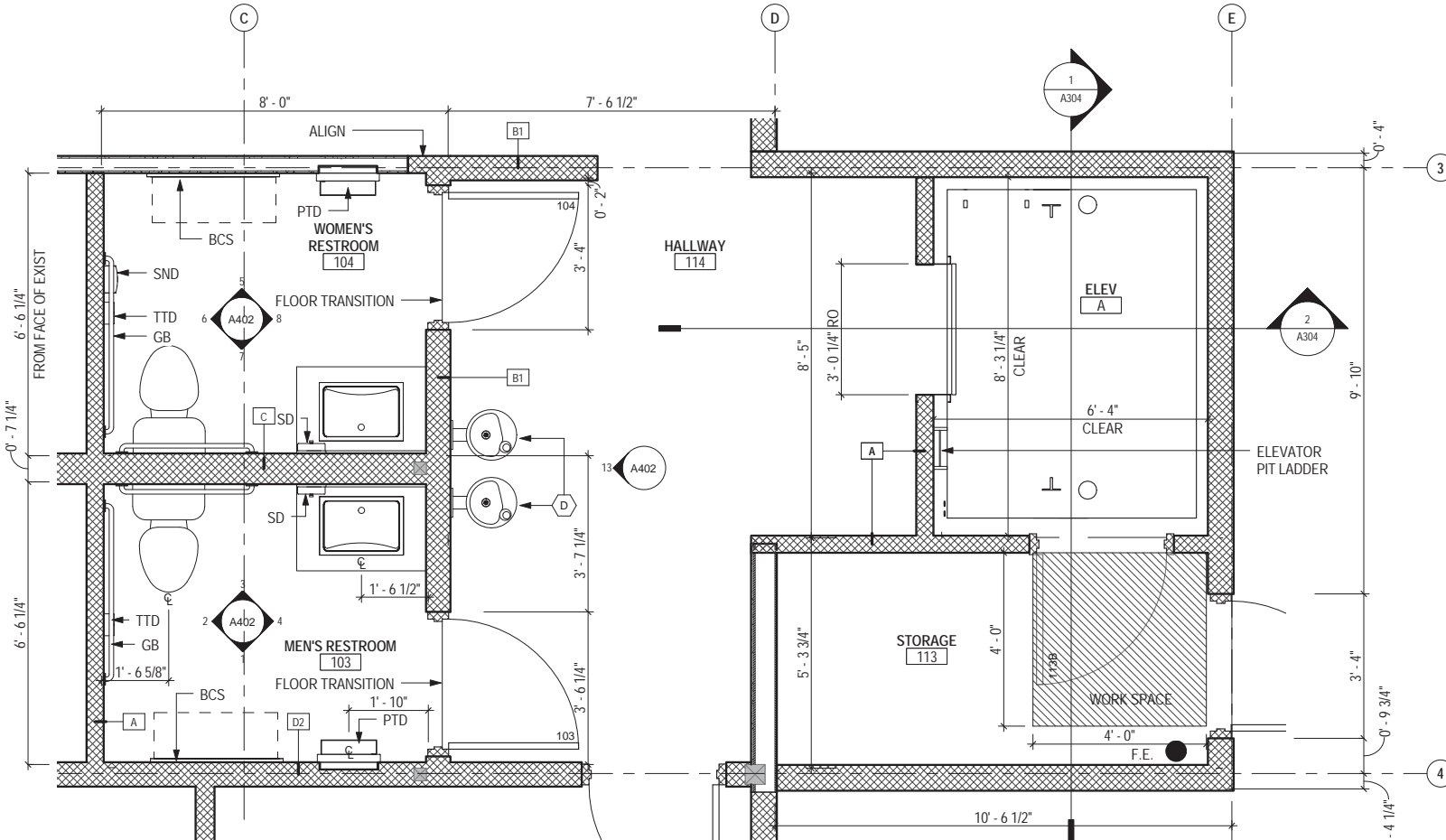
2 ENLARGED PLAN- SECOND FLOOR RESTROOM

A401 1/2" = 1'-0"



3 ENLARGED PLAN- SECOND FLOOR ELEVATOR

A401 1/2" = 1'-0"



1 ENLARGED PLAN - FIRST FLOOR RESTROOM / ELEVATOR LOBBY

A401 1/2" = 1'-0"

FLOOR PLAN GENERAL NOTES

- REFER TO SHEET G001 FOR GENERAL PROJECT NOTES
- REFER TO SHEET G002 AND G003 FOR CODE ANALYSIS AND ADDITIONAL LIFE SAFETY GENERAL NOTES
- DIMENSIONING GUIDE: ALL DIMENSIONS ARE TAKEN TO/FROM GRID LINE, FACE OF CONCRETE AND MASONRY, AND FACE OF METAL/WOOD STUD PARTITION, UNLESS OTHERWISE NOTED. CLEAR DIMENSIONS BETWEEN SURFACES WILL BE NOTED WHERE APPLICABLE FROM MATERIAL FINISHES. ALL DIMENSIONS REFERENCED HEREIN ARE IMPERIAL STANDARDS, UNLESS OTHERWISE NOTED. FOR THE PURPOSE OF THIS PROJECT, ALL DIMENSIONS HEREIN SHALL BE TREATED EQUALLY, WITHOUT ANY HIERARCHY, AND/OR ORDER OF PRECEDENCE, UNLESS OTHERWISE NOTED
- REFERENCE ELEVATION: ALL ELEVATIONS NOTED ON THIS PLAN CORRESPOND TO REFERENCE ELEVATION 0'-0" AS THE EXISTING FIRST FLOOR LEVEL. DEVIATIONS AND VARIANCES IN THIS ELEVATION MAY EXIST, AS INDICATED. UPPER FLOOR ELEVATIONS TO BE NOTED ACCORDINGLY. NOTE: THIS ASSISTS AND ESTABLISHES NOTED VERTICAL CONTROL AT ALL FLOOR PLANS, REGARDLESS OF FLOOR LEVEL.
- MOUNTING HEIGHTS: REFER TO SHEET G004 FOR TYPICAL MOUNTING HEIGHTS FOR FIXTURES, ACCESSORY ITEMS, AND MISCELLANEOUS DEVICES.
- ALL PENETRATIONS THROUGH INTERIOR PARTITIONS AND CEILING AROUND MECHANICAL 110 SHALL RECEIVE FIRESTOPPING.

FLOOR PLAN LEGEND

- EXISTING WALL CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION - REFER TO PARTITION TYPES SHEET A002 FOR ADDITIONAL INFORMATION

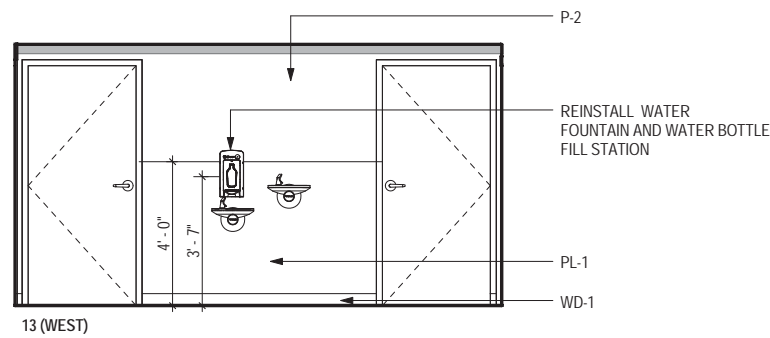
FLOOR PLAN SHEET NOTES

- A INFILL WALL ABOVE WITH WALL TYPE 'B'
- B EXISTING CASEWORK/SHELVING TO REMAIN
- C ADA ACTUATOR
- D RELOCATED DRINKING FOUNTAIN AND BOTTLE FILLING STATION
- E FIRE RATED ACCESS DOOR
- F FIN TUBE COVER - REFER TO MECHANICAL
- G REINSTALL SALVAGED WINDOW
- H OPEN - REFER TO STRUCTURAL DRAWINGS AND EXHIBIT DRAWINGS
- J INSTALL (1) LAYER OF NEW 5/8" GYPSUM BOARD ON EXISTING STUD FRAMING

RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227



DESIGNED: MCL	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD: MCG	A401	ENLARGED PLANS	186
TECH REVIEW: TR/MCL			80,040
DATE: 2016.09.28			PMIS/PKG NO. 184638
		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	SHEET 22 OF 73



RESTROOM LOBBY ELEVATION



PAINT EXISTING CEILING, PIPING, DUCTWORK AND ALL ACCESSORIES P-3

NEW OPEN GRID CEILING SEE DET 3/A503

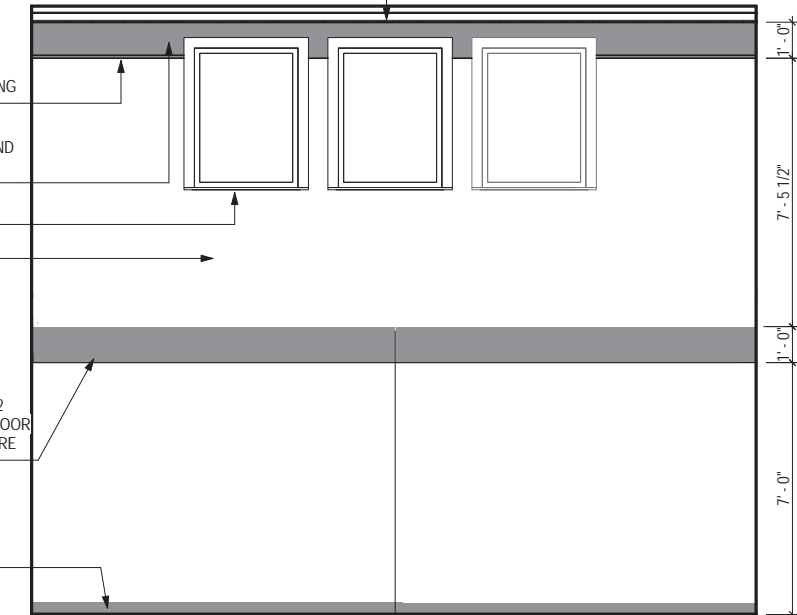
P-2 FINISH CEILING AND WALLS ABOVE OPEN CEILING GRID.

(E) WINDOW TYPICAL OF 3

P-1

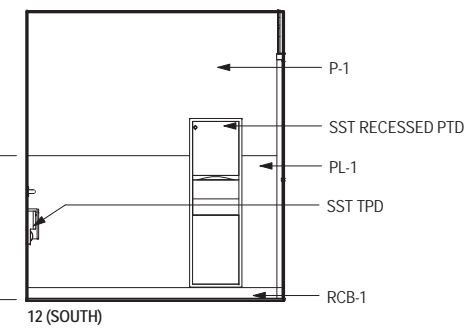
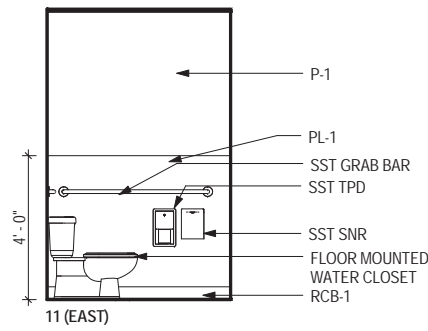
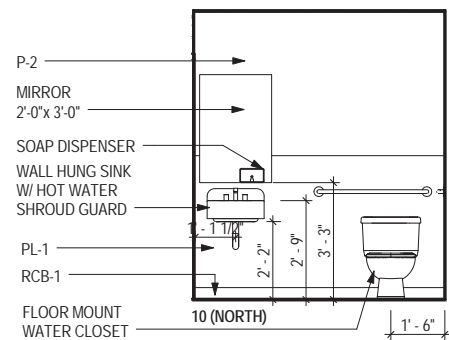
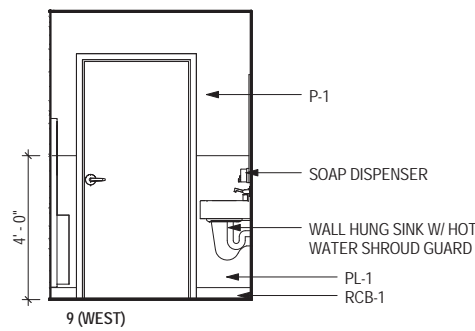
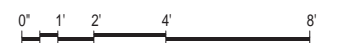
NEW SOFFIT- PAINT P-2 REFER TO RCP AND FLOOR FINISH PLANS FOR MORE INFORMATION.

WD-1

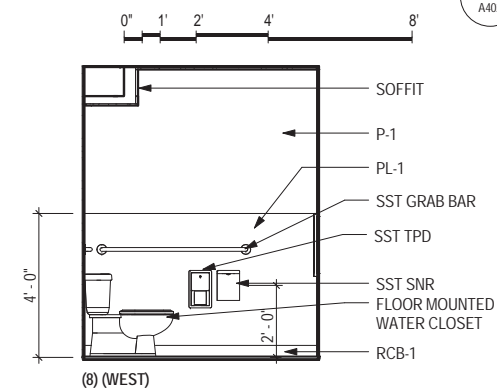
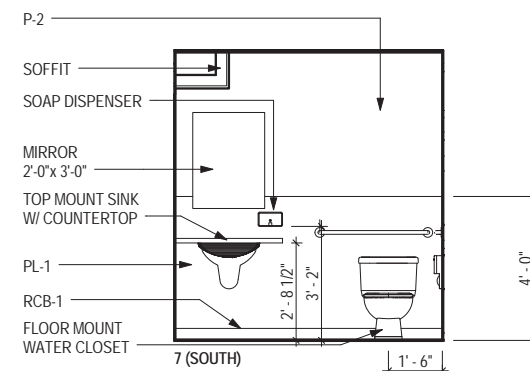
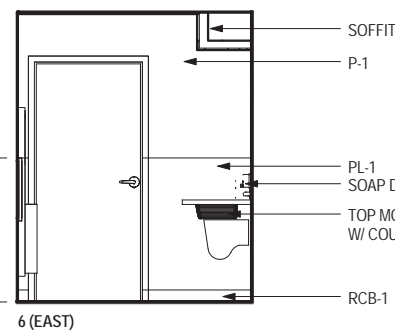
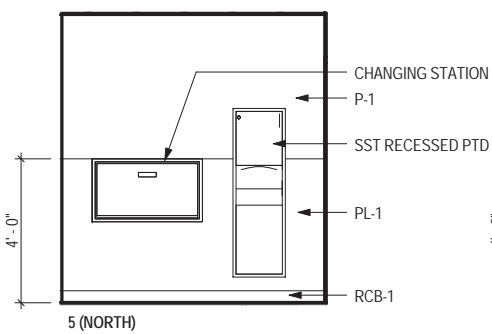


14 2ND FLOOR LOBBY

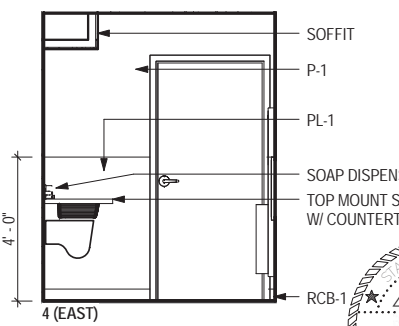
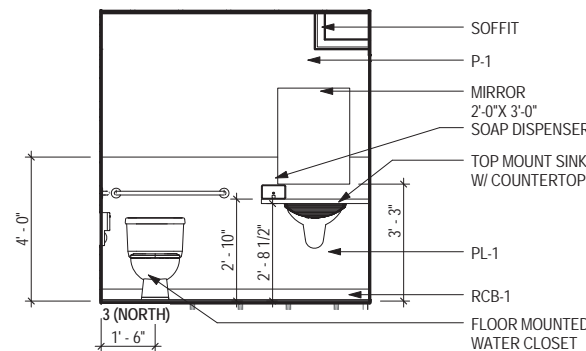
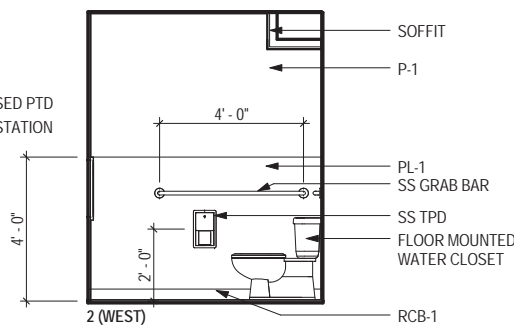
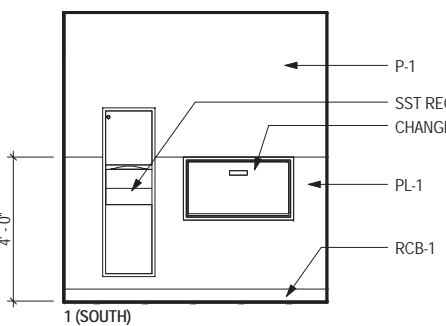
A402 3/8" = 1'-0"



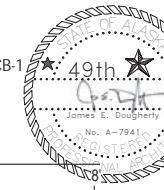
RESTROOM 209 ELEVATIONS



WOMENS RESTROOM 104 ELEVATIONS



MENS RESTROOM 103 ELEVATIONS



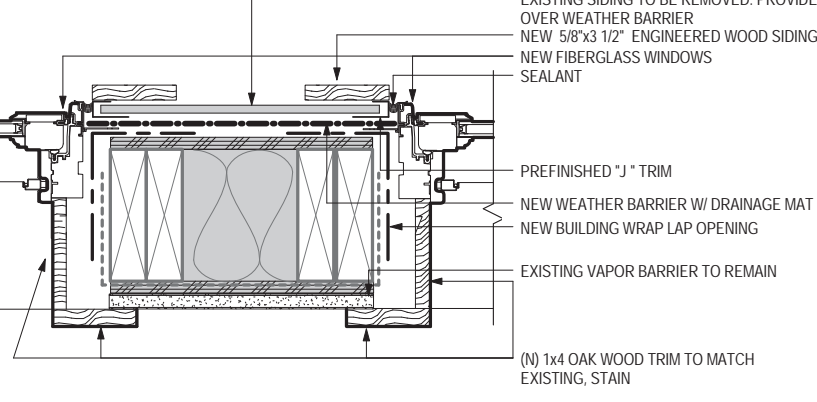
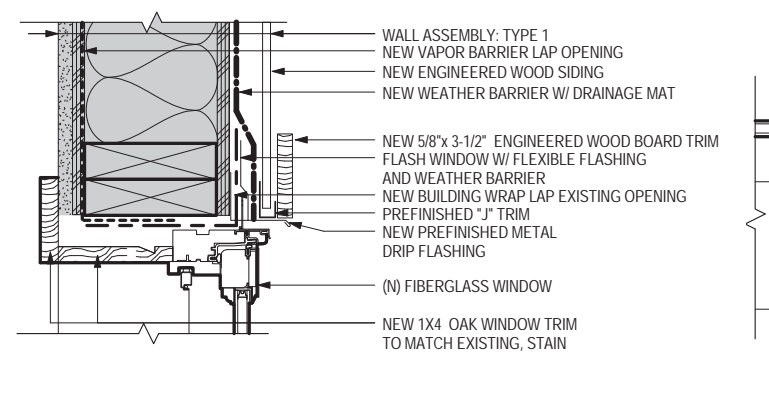
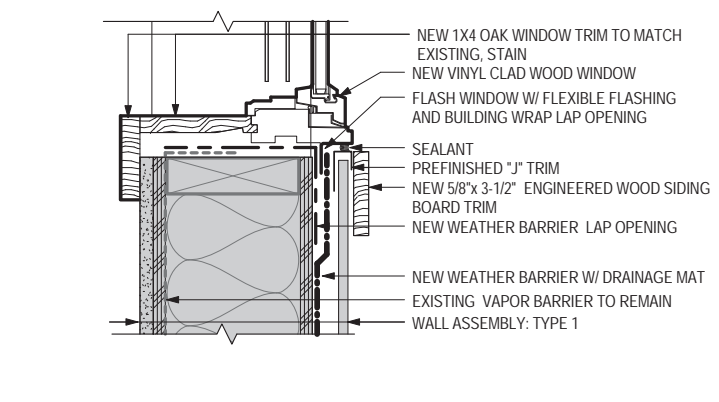
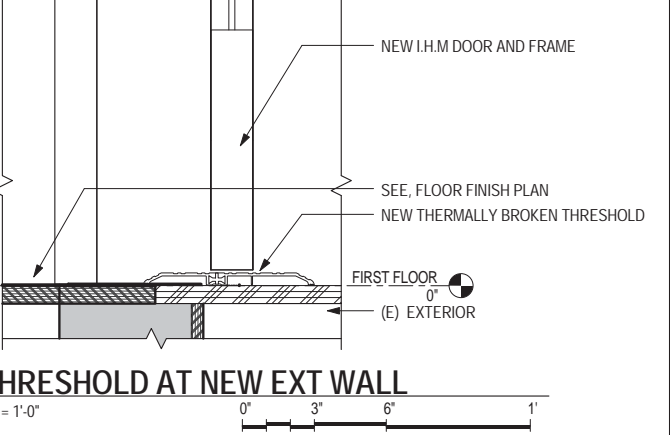
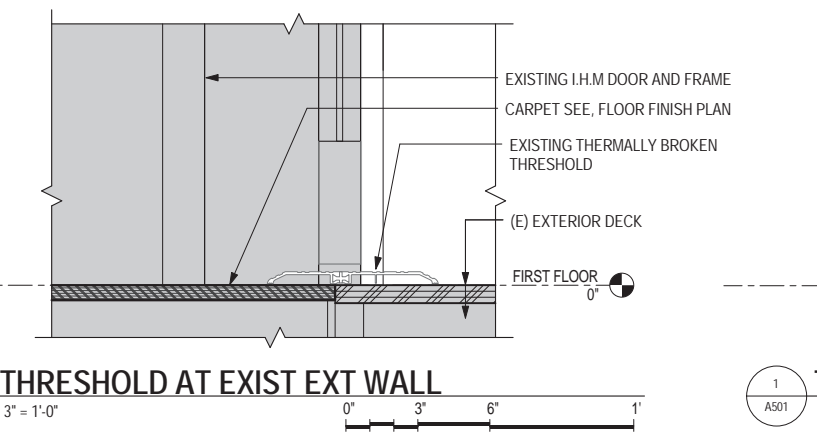
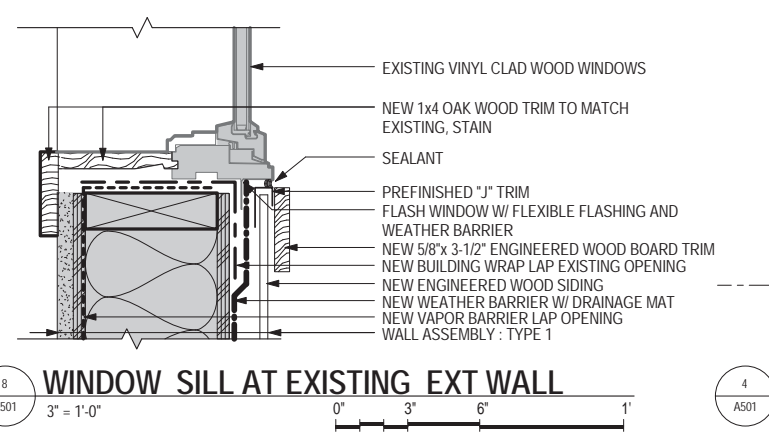
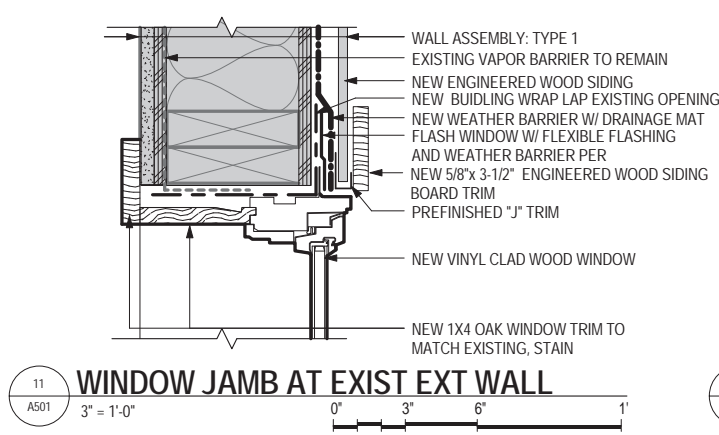
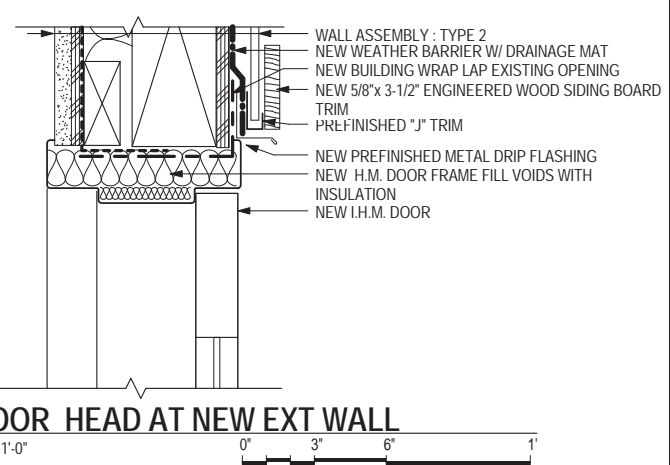
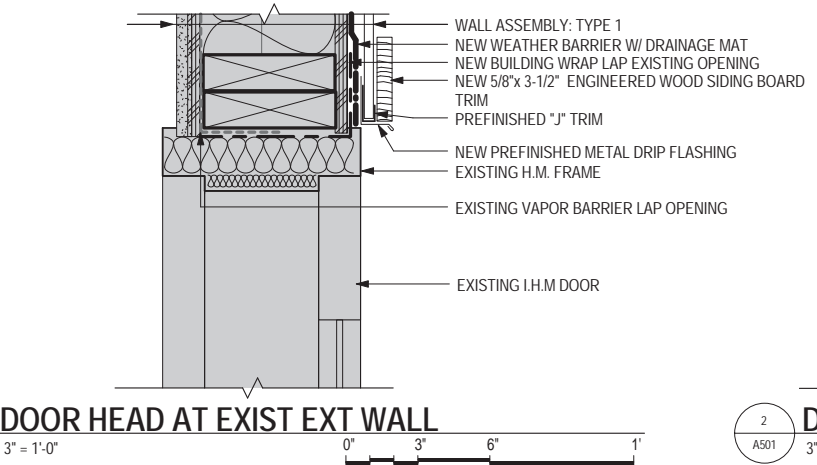
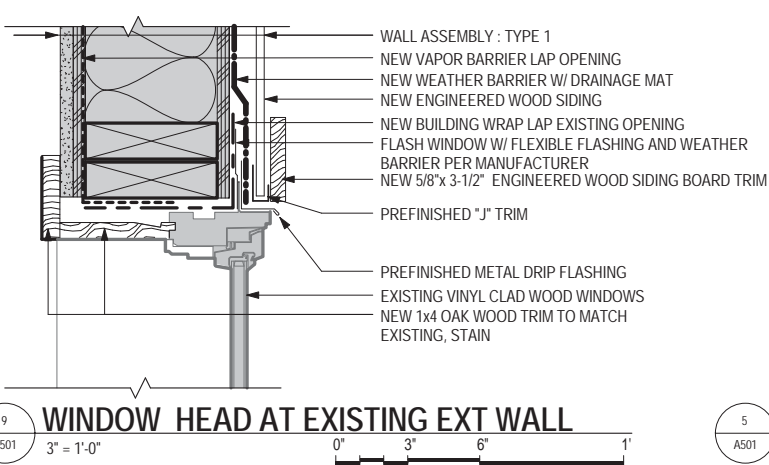
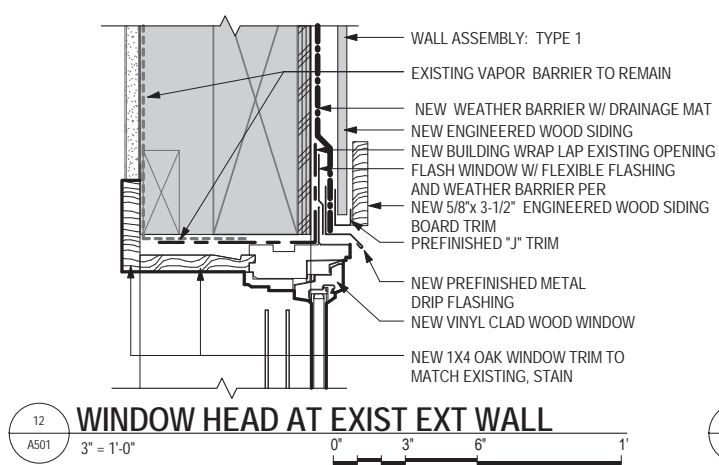
DESIGNED:	MCL
CADD:	MCG
TECH REVIEW:	TR/MCL
DATE:	2016.09.28

SUB SHEET NO.	A402
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TITLE OF SHEET	INTERIOR ELEVATIONS
SEWARD VISITOR CENTER REHAB	KENAI FJORDS NATIONAL PARK

DRAWING NO.	186
	80,040
PMIS/PKG NO.	184638
SHEET	23 OF 73

RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.

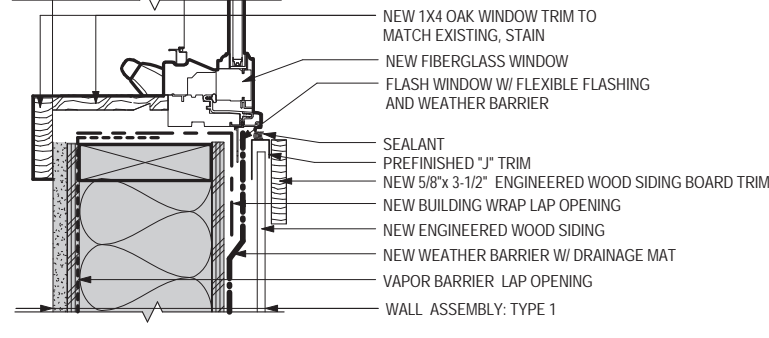


WALL LEGEND
 ■ SHADED AREAS INDICATE EXISTING WORK TO REMAIN

10 WINDOW SILL AT EXIST WALL
 A501 3" = 1'-0"

7 WINDOW HEAD AT EXIST EXT WALL BID OPTION #1
 A501 3" = 1'-0"

3 DOUBLE JAMB AT EXIST EXT WALL BID OPTION #1
 A501 3" = 1'-0"



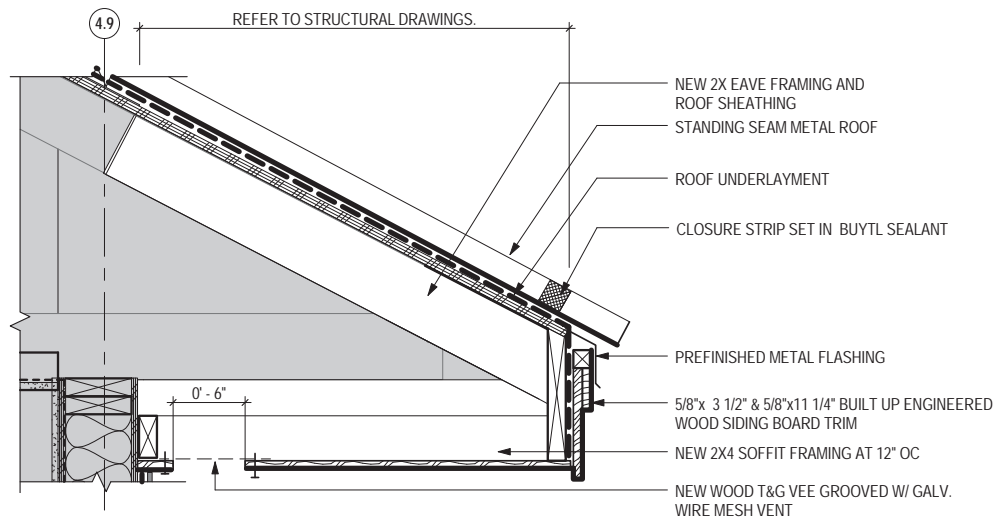
6 WINDOW SILL AT EXIST. EXT WALL BID OPTION #1
 A501 3" = 1'-0"



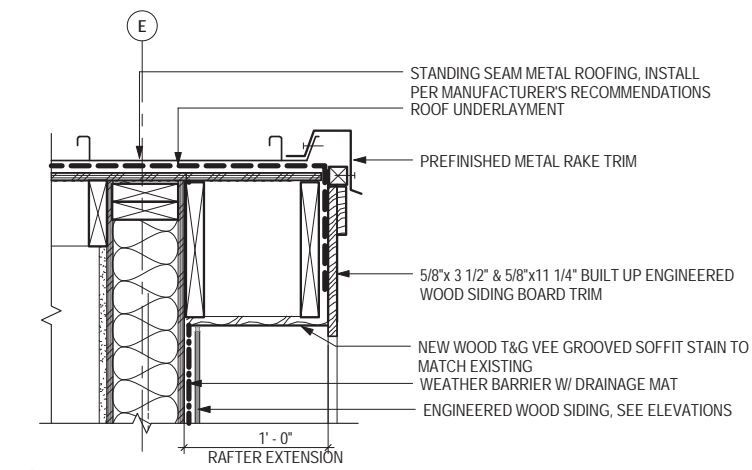
DESIGNED: MCL	SUB SHEET NO. A501	TITLE OF SHEET OPENING DETAILS	DRAWING NO. 186
CADD: MCG			80,040
TECH REVIEW: TR/MCL			PMIS/PKG NO. 184638
DATE: 2016.09.28			SHEET 24 OF 73

RIM ARCHITECTS
 645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
 PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
 CORPORATE NO. AECL1227.

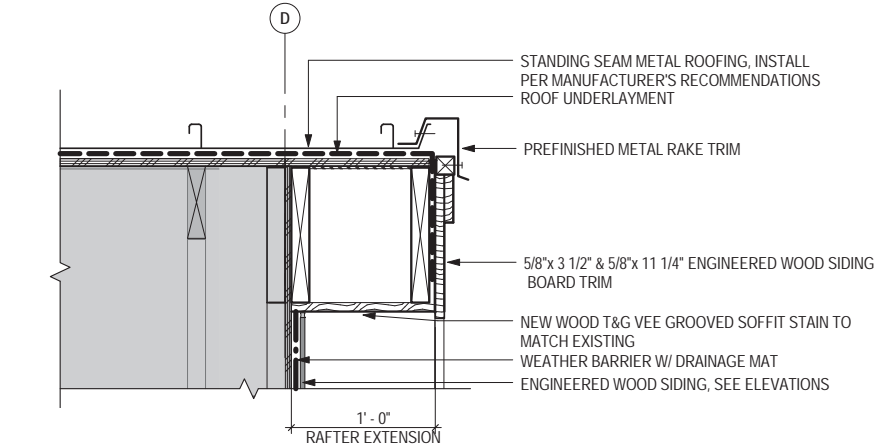
SEWARD VISITOR CENTER REHAB
 KENAI FJORDS NATIONAL PARK



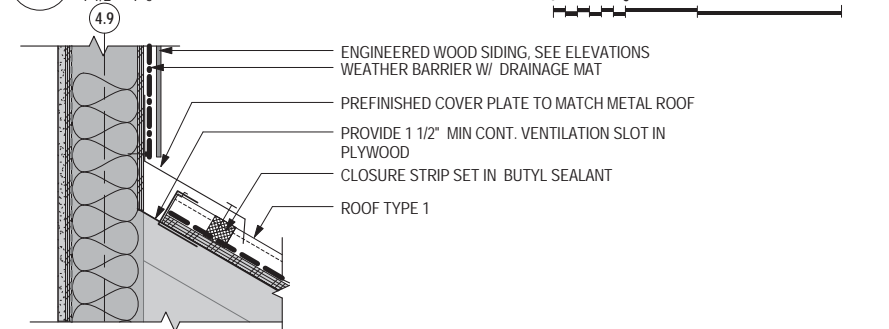
11 EAVE EXTENSION W/VENT- TYP
 SIM. CONDITION AT GRID LINE 2
 1 1/2" = 1'-0"



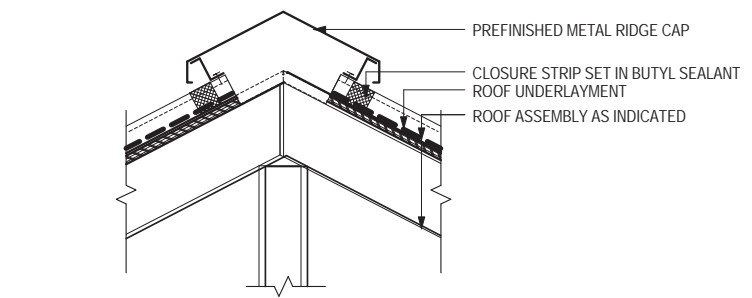
7 FASCIA RAFTER AT NEW EXT WALL
 1 1/2" = 1'-0"



3 FASCIA RAFTER AT EXIST EXT
 1 1/2" = 1'-0"

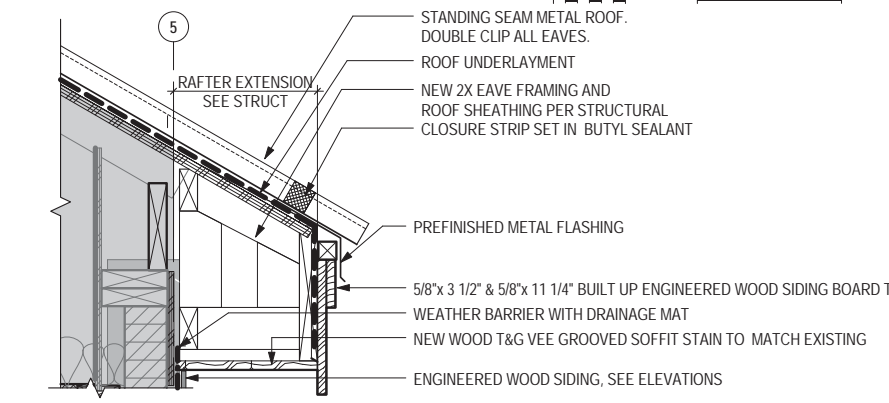


10 FLASHING DETAIL, HIGH/LOW- TYP
 SIM AT SIDE WALL CONDITION VENTING NOT REQUIRED.
 1 1/2" = 1'-0"

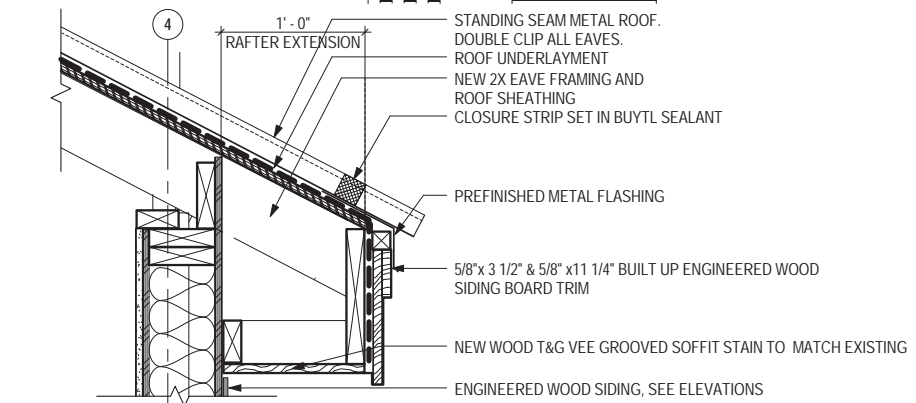


6 DETAIL AT RIDGE VENT
 (HIP SIM)
 1 1/2" = 1'-0"

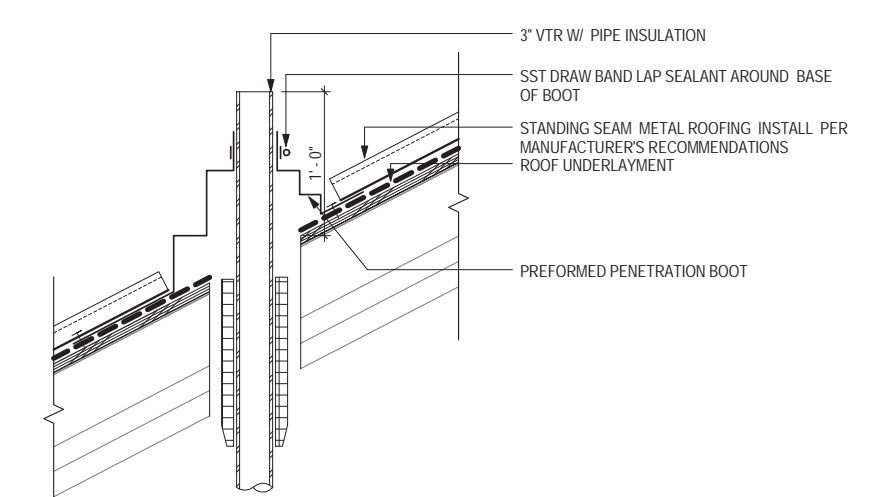
2 NOT USED



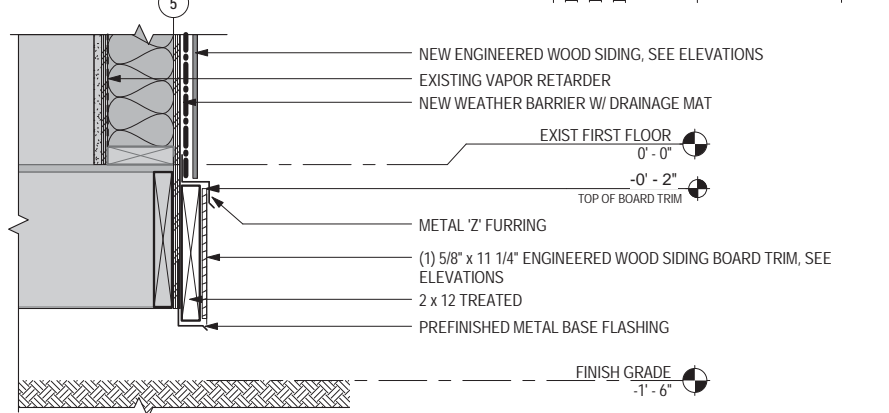
9 EAVE EXTENSION AT EXIST EXT- TYP
 SIM CONDITION ADD VENTING SEE 11/A502
 1 1/2" = 1'-0"



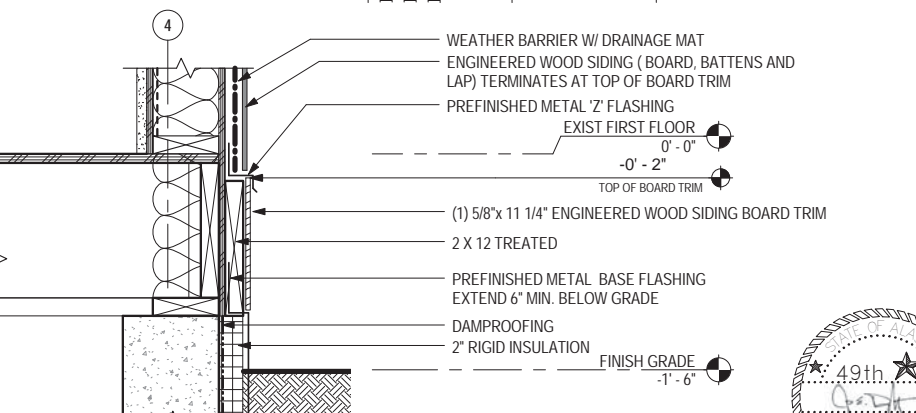
5 EAVE AT NEW EXT WALL
 SIM CONDITION ADD VENTING SEE 11/A502
 1 1/2" = 1'-0"



1 DETAIL AT VTR
 1 1/2" = 1'-0"



8 FOUNDATION AT EXIST EXT
 NOTE: DELETE BOARD TRIM AT DECK LOCATIONS
 1 1/2" = 1'-0"



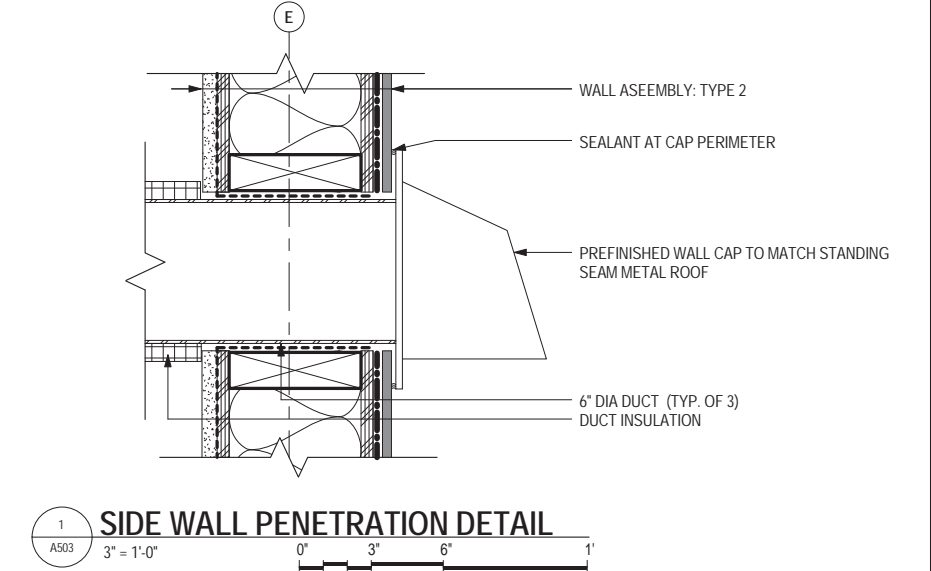
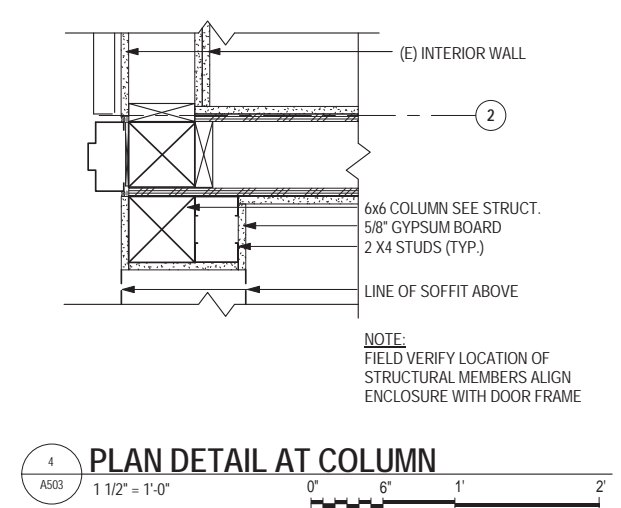
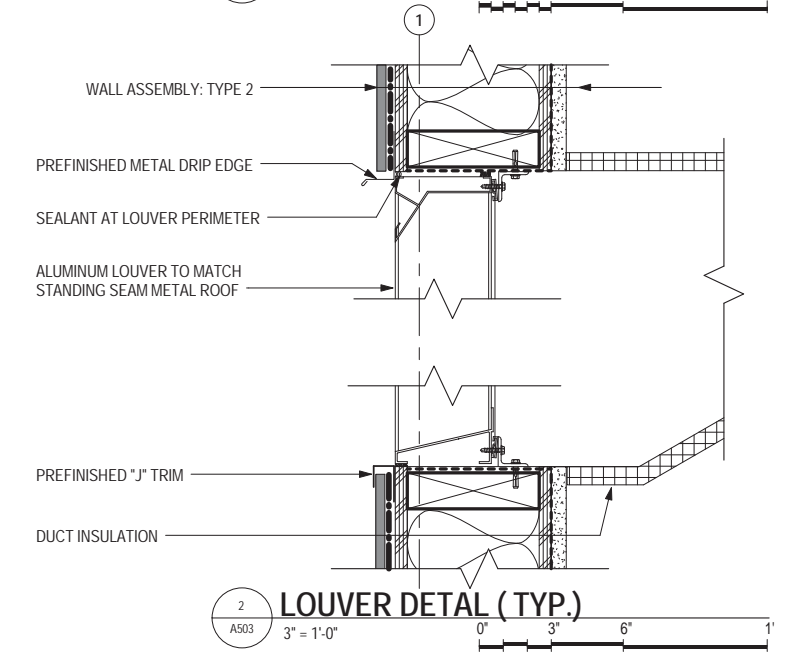
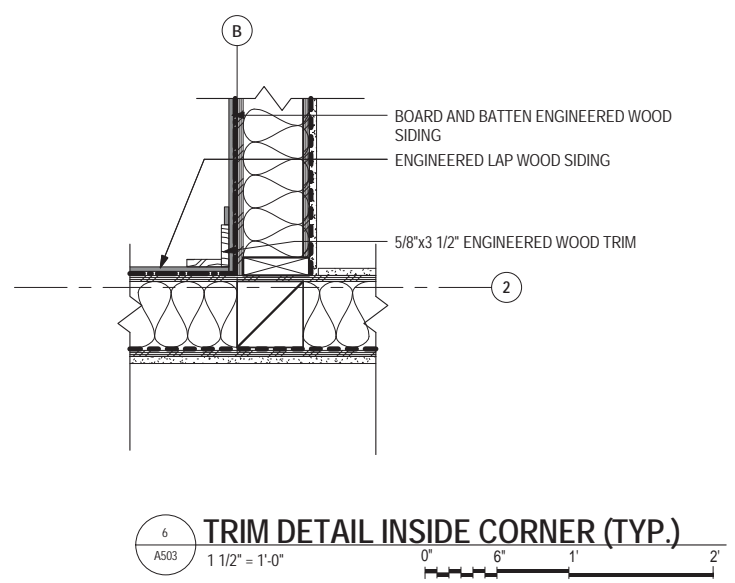
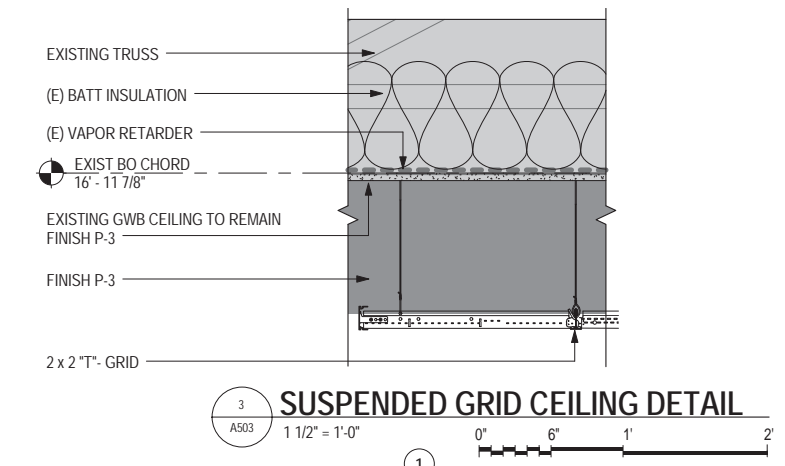
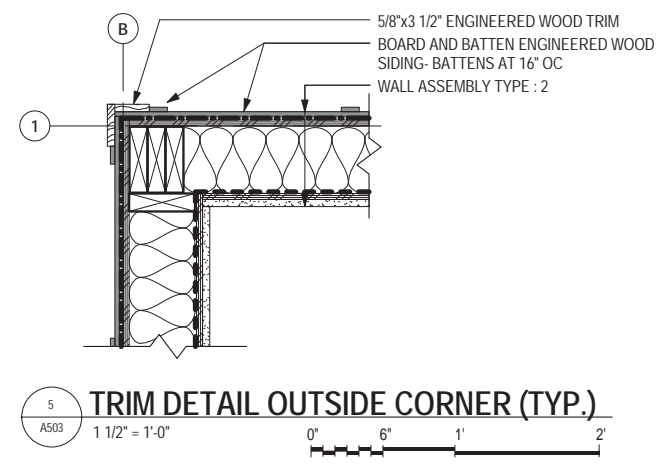
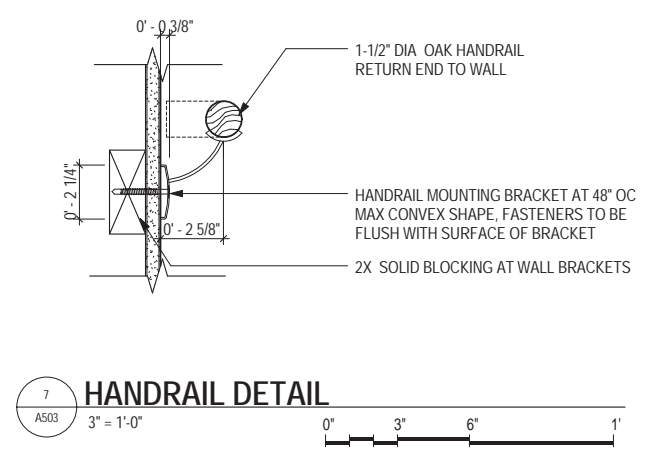
4 FOUNDATION AT NEW EXT
 NOTE: DELETE BOARD TRIM AT DECK LOCATIONS
 1 1/2" = 1'-0"

WALL LEGEND
 SHADED AREAS INDICATE EXISTING WORK TO REMAIN



DESIGNED: MCL	SUB SHEET NO. A502	TITLE OF SHEET DETAILS	DRAWING NO. 186
CADD: MCG			80,040
TECH REVIEW: TR/MCL			PMIS/PKG NO. 184638
DATE: 2016.09.28		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	SHEET 25 OF 73

RIM ARCHITECTS
 645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
 PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
 CORPORATE NO. AECL1227.



DESIGNED: MCL	SUB SHEET NO. A503	TITLE OF SHEET DETAILS	DRAWING NO. 186
CADD: MCG			PMIS/PKG NO. 184638
TECH REVIEW: TR/MCL			SHEET
DATE: 2016.09.28			26 OF 73

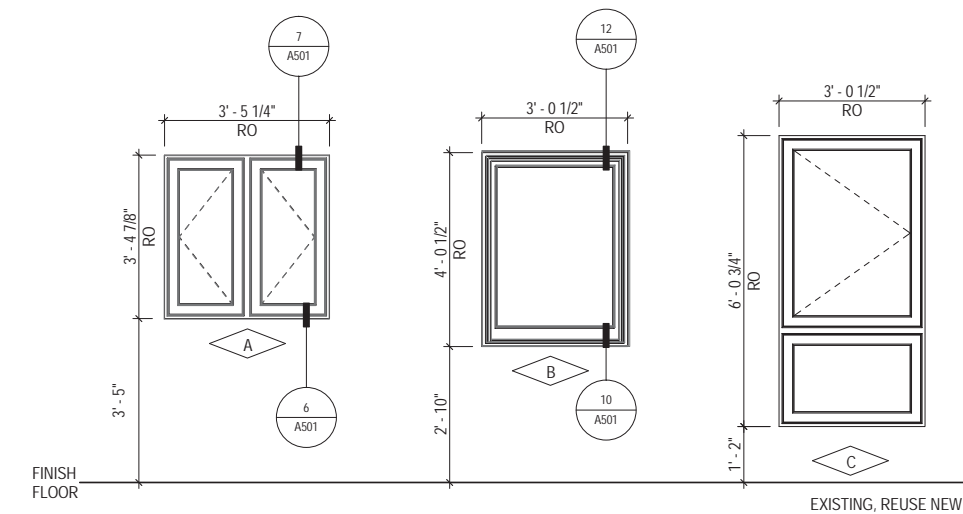
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

RIM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.

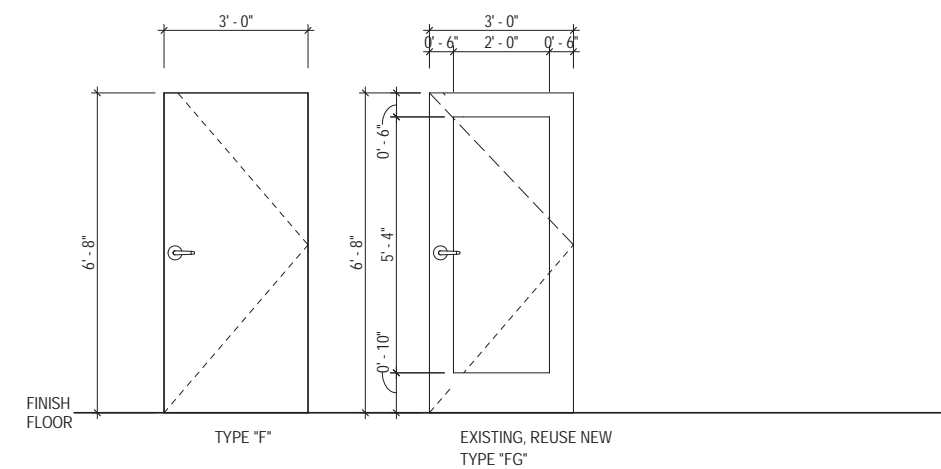
OPENING SCHEDULE												
OPENING	NAME	DOOR TYPE	SIZE		MAT	FINISH	FRAME			GLAZING TYPE	FIRE RATING (MINUTES)	COMMENTS
			WIDTH	HEIGHT			TYPE	MAT	FINISH			
101A	MAIN EXHIBIT SPACE	FG	3'-0"	6'-8"	IHM	PAINT	INSUL	HM	PAINT	SG		
101B	EAST HALL	EXISTING	3'-0"	6'-8"	EXIST HM	PAINT	-	EXIST HM	PAINT	SG		REUSE EXISTING DOOR AND FRAME FROM E07
102	HALLWAY	EXISTING	3'-0"	6'-8"	EXIST WD	REFINISH		EXIST WD	PAINT			REUSE EXISTING DOOR AND FRAME FROM E08
103	MEN'S RESTROOM	EXISTING	3'-0"	6'-8"	EXIST WD	REFINISH		EXIST WD	PAINT			REUSE EXISTING DOOR AND FRAME FROM E10
104	WOMEN'S RESTROOM	EXISTING	3'-0"	6'-8"	EXIST WD	REFINISH		EXIST WD	PAINT			REUSE EXISTING DOOR AND FRAME FROM E14
105	JANITOR	EXISTING	3'-0"	6'-8"	EXIST WD	REFINISH		EXIST WD	PAINT			REUSE EXISTING DOOR AND FRAME FROM E11
106	SOUTH HALL	EXISTING	3'-0"	6'-8"	EXIST WD	REFINISH		EXIST WD	PAINT			REUSE EXISTING DOOR AND FRAME FROM E16
107A	VEST	F	3'-0"	6'-8"	WD	STAIN		HM	PAINT		60	
107B	VEST	F	3'-0"	6'-8"	IHM	PAINT	INSUL	HM	PAINT			
108	AK GEO	F	3'-0"	6'-8"	WD	STAIN		HM	PAINT		60	
109	THEATER	EXISTING	3'-0"	6'-8"	EXIST WD	REFINISH		EXIST WD	PAINT			REUSE EXISTING DOOR AND FRAME FROM E15
110	MECHANICAL	F	3'-0"	6'-8"	IHM	PAINT		HM	PAINT			
111	STORAGE	EXISTING	3'-0"	6'-8"	EXIST WD	REFINISH		EXIST WD	PAINT			REUSE EXISTING DOOR AND FRAME FROM E05
112	SERAC STORAGE	EXISTING	3'-0"	6'-8"	EXIST WD	REFINISH		EXIST WD	PAINT			REUSE EXISTING DOOR AND FRAME FROM E17
113A	STORAGE	F	3'-0"	6'-8"	IHM	PAINT	INSUL	HM	PAINT			
113B	STORAGE	F	3'-0"	7'-0"	IHM	PAINT		HM	PAINT		60	
203	OFFICE	EXISTING	3'-0"	6'-8"	EXIST WD	REFINISH		EXIST WD	REFINISH			REUSE EXISTING DOOR AND FRAME FROM E13
209	RESTROOM	EXISTING	3'-0"	6'-8"	EXIST WD	REFINISH		EXIST WD	REFINISH			REUSE EXISTING DOOR AND FRAME FROM E01
210	STAIR	F	3'-0"	6'-8"	WD	STAIN		HM	PAINT		60	

GENERAL OPENING SCHEDULE NOTES:

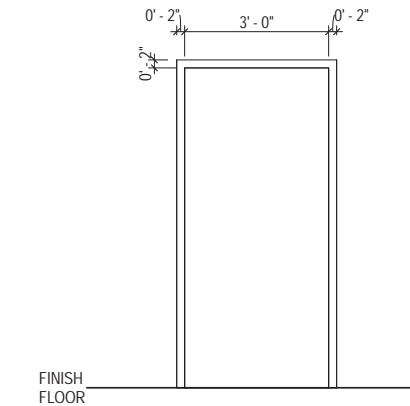
1. REFER TO SPECIFICATIONS 087100 DOOR HARDWARE FOR REUSE OF EXISTING HARDWARE COMPONENTS.
2. REPAIR ABANDONED HOLES IN DOORS AND PREPARE FOR NEW FINISH.
3. PLACE CLOSERS ON SIDE OF DOOR INDICATED IN OPENING SCHEDULE. EXCHANGE WITH OTHER AVAILABLE CLOSERS TO ACHIEVE THIS CRITERIA.



WINDOW TYPE ELEVATION



DOOR TYPE ELEVATION



FRAME TYPE ELEVATION

RIM ARCHITECTS
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PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.

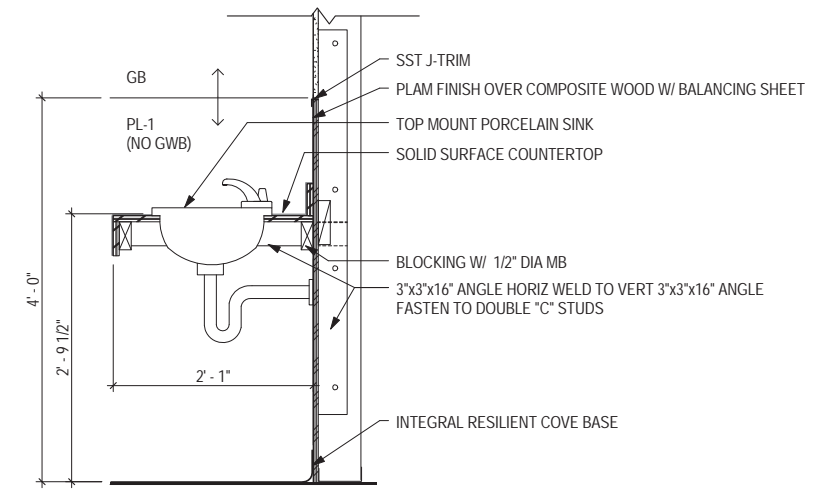


DESIGNED: MCL	SUB SHEET NO. A601	TITLE OF SHEET DOOR SCHEDULE	DRAWING NO. 186
CADD: MCG			PMIS/PKG NO. 184638
TECH REVIEW: TR/MCL			SHEET
DATE: 2016.09.28			27 OF 73

SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

INTERIOR FINISH LEGEND:

	CODE	MATERIAL	MANUFACTURER	STYLE	COLOR/FINISH	SIZE	NOTES
FLOOR	CPT-1	CARPETING	INTERFACE	PLATFORM 1467200250H	9336 STRATOSPHERE		FIRST FLOOR FIELD COLOR
	CPT-2	CARPETING	INTERFACE	MENAGERIE	4941 CORNFLOWER		FIRST FLOOR ACCENT COLOR
	CPT-3	CARPETING	INTERFACE	SIDETRACK 1468402500	104257 STRATOSPHERE/ TRACK		SECOND FLOOR COLOR- BRICK INSTALL
	RESIL-1	RESILIENT FLOORING	MANNINGTON	FLOW	CALIBER PAR308	---	INSTALL INTEGRAL COVE AT BATHROOM LOCATIONS
	RTT-1	RUBBER TIRE TILE	---	---	---	---	VESTIBULE FLOORING
	SRRF-1	SLIP RESISTANT RUBBER FLOORING	ROPPE		139 DEEP NAVY		
BASE	WD-1	WOOD BASE	REUSE EXISTING	REUSE EXISTING	PAINT AND REINSTALL		*CONTRACTOR HAS OPTION TO REMOVE AND REINSTALL OR PAINT IN PLACE WHERE SPECIFIED ON ROOM FINISH SCHEDULE
	RB-1	RESILIENT BASE	ROPPE		139 DEEP NAVY	4"	
	RCB-1	RESILIENT COVE BASE	MANNINGTON	FLOW	CALIBER PAR308		INSTALL INTEGRAL COVE AT BATHROOM LOCATIONS
WALL	P-1	PAINT	SHERWIN WILLIAMS	LOW LUSTER	TO BE DETERMINED	---	---
	P-2	PAINT	SHERWIN WILLIAMS	LOW LUSTER	SW 6989 DOMINO	---	1' - 0" HORIZONTAL BAND, WOOD BASE AND DOOR TRIM ON FIRST FLOOR
	P-3	PAINT	SHERWIN WILLIAMS	LOW LUSTER	SW 6488 GRAND CANAL		SOUTH HALL WALLS
	P-4	PAINT	SHERWIN WILLIAMS	LOW LUSTER	SW 7666 FLEUR DE SEL		
	CPT-4	CARPETING			TO BE DETERMINED		INSTALLED TO 4'-0" AFF ON THE WALL IN THE THEATER ROOM- WITH CHAIR RAIL
	PL-1	PLASTIC LAMINATE	FROMICA	WHITE DROPS	8824-58	4' X 8'	INSTALL OVER PLYWOOD SUBSTRATE W/ BALANCING SHEET
CEILING	P-5	PAINT	SHERWIN WILLIAMS	LOW LUSTER	SW 7007 CEILING BRIGHT WHITE		GYPSUM CEILINGS
					---	---	
MISCELLANEOUS	SS-1	SOLID SURFACE	CORIAN	TERRA COLLECTION	SILVER BIRCH	---	---



1
A602
RESTROOM COUNTERTOP DETAIL
1" = 1'-0"

ROOM FINISH NOTES

- PATCH AND PAINT CEILING WHERE MECHANICAL WORK HAS OCCURRED. REFER TO MECHANICAL DRAWINGS MATCH EXISTING CONDITIONS.
- PATCH AND PAINT WALLS WHERE EXTERIOR WALL CONSTRUCTION HAS OCCURED MATCH EXISTING CONDITIONS.
- PAINT AREAS OF NEW CONSTRUCTION - MATCH EXISTING CONDITIONS.
- 1'-0" (APPROX.) P-2 BAND FROM 7'-0" AFF TO UNDERSIDE OF CEILING . REFER A150 TO SHEETS A103 AND A104 FOR ADDITIONAL INFORMATION.
- REFER TO SHEETS A103 AND A104 FOR CARPET PATTERNS.
- PLASTIC LAMINATE WAINSCOT TO 4'-0" WITH SS TRIM- REFER TO INTERIOR ELEVATIONS

ROOM FINISH SCHEDULE

ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE		WALLS				CEILING FINISH	COMMENTS
			MATERIAL	HEIGHT	NORTH FINISH	EAST FINISH	SOUTH FINISH	WEST FINISH		
100	STAIR	SRRF-1	RB-1	4"	P-4	P-4	P-4	P-4	P-5	
101A	MAIN EXHIBIT SPACE	CPT-1/CPT-2	WD-1	4"	P-1/P-2	P-1/P-2	P-1/P-2	P-1/P-2	P-2 / OPEN GRID	5, 4
101B	SOUTH HALL	CPT-1/CPT-2	WD-1	4"	P-1/P-3	P-1/P-3	P-1/P-3	P-1/P-3	P-5	5, 4
101C	EAST HALL	CPT-1/CPT-2	WD-1	4"	P-1/P-2	P-1/P-2	P-1/P-2	P-1/P-2	P-5	5, 4
102	EDUCATION	CPT-1	WD-1	4"	P-1	P-1	P-1	P-1	P-5	
103	MEN'S RESTROOM	RESIL-1	RCB-1	4"	PL-1 / P-4	PL-1 / P-4	PL-1 / P-4	PL-1 / P-4	P-5	6
104	WOMEN'S RESTROOM	RESIL-1	RCB-1	4"	PL-1 / P-4	PL-1 / P-4	PL-1 / P-4	PL-1 / P-4	P-5	6
105	JANITOR	RESIL-1	RB-1	4"	P-4	P-4	P-4	P-4	P-5	
106	STORAGE	RESIL-1	RB-1	4"	P-4	P-4	P-4	P-4	P-5	
107	VEST	RTT-1	RB-1	4"	P-4	P-4	P-4	P-4	P-5	
108	AK GEO	CPT-1	WD-1	4"	P-4	P-4	P-4	P-4	P-5	
109	THEATER	CPT-1	WD-1	4"	CPT-4/P-1	CPT-4/P-1	CPT-4/P-1	CPT-4/P-1	P-5	
110	MECHANICAL	RESIL-1	RB-1	4"	P-4	P-4	P-4	P-4	P-5	
111	STORAGE	RESIL-1	RB-1	4"	P-4	P-4	P-4	P-4	P-5	
112	SERAC STORAGE	CPT-1	WD-1	4"	P-1	P-1	P-1	P-1	P-5	
113	STORAGE	RESIL-1	RB-1	4"	P-4	P-4	P-4	P-4	P-5	
114	HALLWAY	CPT-1	WD-1	4"	P-1	P-1	P-1	PL-1 / P-4	P-5	6
201	CIRCULATION	CPT-3	WD-1	4"	P-4	P-4	P-4	P-4	P-5	1, 3, 5
202	OFFICE	CPT-3	WD-1	4"	P-4	P-4	P-4	P-4	P-5	1, 2
203	OFFICE	CPT-3	WD-1	4"	P-4	P-4	P-4	P-4	P-5	1, 5
204	OFFICE	CPT-3	WD-1	4"	P-4	P-4	P-4	P-4	P-5	1, 5
205	OFFICE	CPT-3	WD-1	4"	P-4	P-4	P-4	P-4	P-5	1, 5
206	STORAGE	CPT-3	WD-1	4"	P-4	P-4	P-4	P-4	P-5	1
207	LOCKERS	CPT-3	WD-1	4"	P-4	P-4	P-4	P-4	P-5	1
208	CONFERENCE	CPT-3	WD-1	4"	P-4	P-4	P-4	P-4	P-5	1, 5, 6
209	RESTROOM	RESIL-1	RCB-1	4"	PL-1 / P-4	PL-1 / P-4	PL-1 / P-4	PL-1 / P-4	P-5	
210	STORAGE	CPT-3	WD-1	4"	P-4	P-4	P-4	P-4	P-5	
211	HALL	CPT-3	WD-1	4"	P-4	P-4	P-4	P-4	P-5	
A	ELEV	CPT-3	WD-1	4"	-	-	-	-	-	

IRM ARCHITECTS
645 G STREET, SUITE 400 ANCHORAGE, AK 99501 (907)-258-7777
PALMER 111 WEST EVERGREEN AVE. PALMER, AK 99645 (907)-258-7777
CORPORATE NO. AECL1227.



DESIGNED: MCL	SUB SHEET NO. A602	TITLE OF SHEET FINISH SCHEDULE	DRAWING NO. 186
CADD: MCG			PMIS/PKG NO. 184638
TECH REVIEW: TR/MCL			SHEET
DATE: 2016.09.28			28 OF 73

SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

STRUCTURAL GENERAL NOTES

GENERAL

THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS AMONG THE DRAWINGS BEFORE STARTING 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 CONTRACTING OFFICER 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 ON THE PLANS, BUT SHALL APPLY AS SHOWN OR DESCRIBED IN THE DETAILS.

ALL CONSTRUCTION SHALL COMPLY WITH THE 2012 INTERNATIONAL BUILDING CODE (IBC) AND THE 2006 IBC AS AMENDED AND ADOPTED BY THE CITY OF SEWARD, AK.

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 AS AMENDED AND ADOPTED BY THE CITY OF SEWARD. OCCUPANCY CATEGORY IS II IN ACCORDANCE WITH IBC SECTION 1604.5.

REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATIONS, SLOPES, DEPRESSIONS, NON-BEARING WALLS, 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.

EXISTING STRUCTURE HAS NOT BEEN STRENGTHENED FOR INCREASED WIND OR SNOW LOADS.

LIVE LOADS:	OFFICE AREAS =	50 PSF + 15 PSF PARTITION
	1ST FLOOR CORRIDORS & EXITS =	100 PSF
	CORRIDORS ABV 1ST FLOOR =	80 PSF
	STORAGE AREAS (LIGHT) =	125 PSF
	MECHANICAL ROOMS =	125 PSF

ORIGINAL ROOF SNOW LOAD:	40 PSF
CURRENT ROOF SNOW:	80 PSF BASIC + DRIFT
	Is=1.0, Pg=80 PSF, Ct=1.0, Ce=1.0

WIND LOADS:	BASIC WIND SPEED (3-SECOND GUST, V _{sud})=130 MPH,
	EXPOSURE D, I _w =1.0, INTERNAL PRESSURE GC _{pi} =±0.55

SEISMIC LOADS:	SITE CLASS D, DESIGN CATEGORY D,
	S _s =1.78, S ₁ =0.67, S _{ds} =1.19, S _{d1} =0.67, I _e =1.0

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

FOUNDATIONS

FOUNDATIONS ARE DESIGNED FOR A MAXIMUM SOIL BEARING PRESSURE OF 3000 PSF UNDER SUSTAINED LOADING.

WARM FOOTINGS SHALL BE FOUNDED AT LEAST 42-INCHES BELOW LOWEST ADJACENT EXTERIOR FINISHED GRADE. FOOTING DEPTHS AND ELEVATIONS SHOWN ARE MINIMUM AND FOR GUIDANCE ONLY; CONTRACTOR SHALL ESTABLISH ACTUAL ELEVATIONS IN FIELD.

ALL ORGANIC, FROZEN, OR OTHER UNSUITABLE MATERIALS SHALL BE REMOVED FROM SUB-GRADE AND REPLACED WITH COMPACTED GRANULAR NON-FROST SUSCEPTIBLE (NFS) FILL. ALL FOOTINGS SHALL BE FOUNDED UPON UNDISTURBED, NATURAL SUB-GRADE OR COMPACTED NFS FILL WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 3000 PSF.

SUB-GRADES BENEATH FOOTINGS AND SLABS SHALL BE COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS MEASURED BY ASTM D1557. BACKFILL AROUND AND ABOVE ALL FOUNDATION ELEMENTS SHALL BE COMPACTED TO A MINIMUM OF 90 PERCENT OF MAXIMUM DRY DENSITY.

EXISTING CONDITIONS

CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS, MEMBER SIZES, AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS ARE INTENDED AS GUIDELINES ONLY AND MUST BE VERIFIED. EXISTING CONDITIONS SHOWN ON DRAWINGS ARE BASED EITHER ON 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 CONTRACTING OFFICER PRIOR TO COMMENCING WORK.

SPECIAL INSPECTION

THE OWNER SHALL ENGAGE A SPECIAL INSPECTOR PER CHAPTER 17 OF THE IBC 2006. SEE STATEMENT OF SPECIAL INSPECTIONS ON SHEET 5002. COPIES OF INSPECTION REPORTS SHALL BE AVAILABLE TO THE CONSTRUCTION SITE FOR REVIEW BY THE CONTRACTING OFFICER.

DEFERRED SUBMITTALS

THE FOLLOWING ITEMS ARE NOT INCLUDED IN THESE DRAWINGS AND REQUIRE STRUCTURAL DESIGN TO BE FURNISHED BY THE CONTRACTOR:
1. SEISMIC ANCHORAGE OF MECHANICAL & ELECTRICAL EQUIPMENT

DRAWINGS AND CALCULATIONS FOR BUILDER-DESIGNED COMPONENTS, SEALED BY THE ALASKA STATE REGISTERED PROFESSIONAL ENGINEER RESPONSIBLE FOR THE DESIGN, SHALL BE SUBMITTED TO THE CONTRACTING OFFICER FOR REVIEW FOR GENERAL CONFORMANCE TO THE CONTRACT DOCUMENTS PRIOR TO SUBMITTING TO THE CONTRACTING OFFICER 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 HIS APPROVAL, DATE AND SIGN ALL SHOP DRAWINGS AND SUBMITTALS REQUIRED BY THE SPECIFICATION REQUIREMENTS PRIOR TO SUBMITTAL TO THE CONTRACTING OFFICER. AT THE TIME OF SUBMISSION, THE CONTRACTOR SHALL INFORM THE CONTRACTING OFFICER IN WRITING OF ALL DEVIATIONS IN THE SHOP DRAWINGS FROM THE REQUIREMENTS OF THE CONTRACT DRAWINGS. DIMENSIONS AND QUANTITIES ARE CONTRACTOR'S RESPONSIBILITY AND WILL NOT BE REVIEWED.

STRUCTURAL CONCRETE

ALL CAST-IN-PLACE CONCRETE SHALL HAVE MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3,000 PSI.

PORTLAND CEMENT SHALL CONFORM TO ASTM C150. MAXIMUM AGGREGATE SIZE SHALL BE 3/4 INCH. ALL AGGREGATE SHALL BE NORMAL WEIGHT MATERIAL CONFORMING TO ASTM C33. WATER SHALL MEET ASTM C94, SECTION 4.1.3.

CONCRETE SHALL BE PROPORTIONED TO ACHIEVE A WORKABLE MIX THAT CAN BE PLACED WITHOUT SEGREGATION OR EXCESS FREE SURFACE WATER. COMPLY WITH IBC SECTION 1905. ALL CONCRETE MAY CONTAIN A WATER REDUCING ADMIXTURE MEETING ASTM C494, TYPE A. BEFORE THE ADDITION OF THE WATER REDUCING ADMIXTURE, THE MAXIMUM SLUMP SHALL BE 3-INCHES. MAXIMUM WATER CEMENT RATIO SHALL BE 0.45 FOR FLOOR SLABS AND 0.50 FOR ALL OTHERS.

ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI 301, STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE. 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 TABLE 4.2.1.

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 2-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.

CHECKED SHOP DRAWINGS SHOWING REINFORCING DETAILS, INCLUDING STEEL SIZES, SPACING AND PLACEMENT SHALL BE SUBMITTED TO THE CONTRACTING OFFICER FOR REVIEW PRIOR TO FABRICATION.

EMBEDDED ITEMS (CONDUIT AND SLEEVES) SHALL NOT BE EMBEDDED IN OR PASS THROUGH CONCRETE WITHOUT APPROVAL. ALUMINUM ITEMS SHALL NOT BE EMBEDDED IN CONCRETE. SUBMIT CONDUIT LAYOUT AND EMBEDDED ITEM PLANS FOR REVIEW PRIOR TO PLACING CONCRETE.

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 ADHESIVE ANCHORS, UON.

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:	2-1/2	0.131
-SIMPSON "SET-XP" (ESR-2508)	10d	0.148
-HILTI "HIT-HY 200 SAFE SET" (ESR-3187)	16d	0.162
-EPCON "S7" (ESR-2308)		

EXPANSION ANCHORS SHALL BE ONE OF THE FOLLOWING (OR AN APPROVED EQUIVALENT):

CONCRETE:	
-HILTI "KWIK BOLT TZ" (ESR-1917)	
-ITW REDHEAD "TRUBOLT +"	(ESR-2427)
-SIMPSON "STRONG-BOLT 2"	(ESR-3037)

SCREW ANCHORS IN CONCRETE SHALL BE ONE OF THE FOLLOWING (OR AN APPROVED EQUIVALENT):

-HILTI "KWIK HUS-EZ" (ESR-302)
-SIMPSON "TITEN HD" (ESR-271)
-ITW "TAPCON" (ESR-2202)
-POWERS "WEDGE-BOLT+" (ESR-2526)

POWDER- OR POWDER-ACTUATER FASTENERS (PAF) SHALL NOT BE USED TO RESIST LATERAL LOAD INDUCED BY AN EARTHQUAKE. PAF SHALL BE 0.148-INCHES IN DIAMETER AND THE ANCHOR TYPE AND POWDER LOAD SHALL BE SUITED TO THE MATERIAL BEING FASTENED AND THE SUBSTRATE MATERIAL. PRODUCT SHALL BE ITW RAMSET/RED HEAD (ESR-1799, 1955 OR 2579) OR APPROVED EQUAL. SPECIAL INSPECTION IS NOT REQUIRED FOR PAF INSTALLATION.

STRUCTURAL STEEL

MATERIALS:

MISC SHAPES & PLATE:	ASTM A36
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 OR SPECIAL INSPECTIONS 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.

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

ALL BEAMS, JOISTS AND TRUSSES SHALL BE FABRICATED WITH THE NATURAL CAMBER UP. PROVIDE CAMBERS AS INDICATED ON THE DRAWINGS.

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.

THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE CONTRACTING OFFICER 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 TIMBER

MATERIALS:

DIMENSIONAL LUMBER:	HEM-FIR NO. 2 OR BETTER
GLUE-LAMINATED TIMBER:	DF/DF, 24F-V4, INDUSTRIAL GRADE
ENGINEERED LUMBER:	1.9E LVL, 2.0E PSL
POST AND HEAVY TIMBERS:	DOUG-FIR NO. 1
FLOOR SHEATHING:	APA RATED SHEATHING, EXPOSURE 1, SPAN RATED 48/24, 3/4-INCH THICK
	APA RATED SHEATHING, EXTERIOR, SPAN RATED 40/20, 5/8-INCH THICK
ROOF SHEATHING:	APA RATED SHEATHING, EXPOSURE 1, SPAN RATED 32/16, 1/2-INCH THICK
WALL SHEATHING:	APA RATED SHEATHING, EXPOSURE 1, SPAN RATED 32/16, 1/2-INCH THICK

INSTALL FLOOR AND ROOF SHEATHING WITH THE LONG DIMENSION ACROSS SUPPORTS. ALLOW 1/8-INCH SPACING AT PANEL ENDS AND PANEL EDGES, UNLESS OTHERWISE RECOMMENDED BY THE PANEL MANUFACTURER. ALL FLOOR SHEATHING SHALL BE TONGUE AND GROOVE, GLUED AND NAILED WITH RING SHANK NAILS.

INSTALL WALL SHEATHING VERTICALLY OR HORIZONTALLY. ALLOW 1/8-INCH SPACING AT PANEL ENDS AND PANEL EDGES, UNLESS OTHERWISE RECOMMENDED BY THE PANEL MANUFACTURER.

SHEATHING SHALL BE USED IN ACCORDANCE WITH THE RECOMMENDATIONS OF APA, THE ENGINEERED WOOD ASSOCIATION. PLACE NAILS 3/8-INCH FROM EDGE OF PANELS

ALL FLOOR AND ROOF DIAPHRAGMS SHALL BE NAILED:

PANEL EDGES: 8d NAILS AT 6-INCHES ON-CENTER
INTERMEDIATE SUPPORTS: 8d AT 12-INCHES ON-CENTER
BLOCKING IS NOT REQUIRED.

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

ALL NAILS SHALL BE COMMON WIRE NAILS, UNLESS NOTED OTHERWISE. NAILING SHALL CONFORM TO TABLE 2304.9.1 OF THE IBC. MINIMUM NAIL DIMENSIONS ARE AS FOLLOWS:

NAIL SIZE, PENNY WT	LENGTH, INCHES	DIAMETER, INCHES
8d	2-1/2	0.131
10d	3	0.148
16d	3-1/2	0.162

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.

WALL STUDS SHALL BE SPACED AT 16-INCHES OC, UON.

WOOD PLATES OR SILLS SHALL BE AWW 2X DIMENSIONAL LUMBER BOLTED TO FOUNDATIONS WITH 5/8-INCH DIAMETER ASTM A307 GALV BOLTS. MINIMUM EMBEDMENT SHALL BE 7-INCHES AND MAXIMUM SPACING SHALL BE 4-FEET ON-CENTER. ANCHOR BOLTS SHALL HAVE 3 INCH X 3 INCH X 1/4 INCH THICK GALV PLATE WASHERS BETWEEN THE SILL PLATE AND THE NUT.

ALL AWW SHEATHING AND LUMBER MUST BE PRESSURE TREATED IN ACCORDANCE WITH THE AWPB-FDN OR AWWA U1 STANDARD. MEMBERS MORE THAN 8-INCHES ABOVE GROUND NEED NOT HAVE THIS SPECIAL PRESERVATIVE TREATMENT. UON. TIMBER FASTENERS USED TO FASTEN SILL PLATES SHALL BE HOT-DIP GALVANIZED, STAINLESS STEEL, SILICON BRONZE OR COPPER.

PRE-MANUFACTURED HARDWARE SHALL BE SIMPSON OR APPROVED EQUAL.

SHOP-FABRICATED WOOD TRUSSES

WOOD TRUSSES SHALL MEET THE ANSI / TPI 1 NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION. TRUSSES SHALL BE HANDLED, INSTALLED, AND BRACED (TEMPORARILY AND PERMANENTLY) IN ACCORDANCE WITH TRUSS PLATE INSTITUTE DSB, "RECOMMENDED DESIGN SPECIFICATION FOR TEMPORARY BRACING OF METAL-PLATE-CONNECTED WOOD TRUSSES," AND BCSP, "BUILDING COMPONENT SAFETY INFORMATION: GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING & BRACING METAL-PLATE-CONNECTED WOOD TRUSSES."

TRUSSES SHALL BE SUPPLIED BY THE MANUFACTURER WITH PLAN, DETAILS, AND ELEVATIONS DEPICTING REQUIRED TEMPORARY AND PERMANENT LATERAL RESTRAINT AND DIAGONAL BRACING SPECIFIC TO THIS PROJECT INCLUDING SPACING, LOCATIONS, SIZES AND CONNECTIONS.

TRUSS DESIGN DRAWINGS SHALL CONFORM TO IBC 2012 SECTION 2303.4. DESIGN TRUSSES FOR THE FOLLOWING LOADS IN ADDITION TO THOSE LISTED IN STRUCTURAL DESIGN DATA:

DEAD LOADS:	TOP CHORD =	15 PSF
	BOTTOM CHORD =	5 PSF
	WIND UPLIFT =	50 PSF (NET)

LIMIT DEFLECTION UNDER TOTAL LOAD TO L/180 AND DEFLECTION UNDER SNOW LOAD TO L/240.

IN ADDITION TO THE ABOVE, THE GABLE END TRUSSES SHALL BE DESIGNED FOR A LATERAL WIND LOAD (OUT-OF-PLANE) OF 58 PSF.

EACH TRUSS SHALL BE MARKED WITH NOTES SPECIFYING THE DESIGN SNOW LOADING, MAXIMUM SPACING, AND MAXIMUM SPAN.

MANUFACTURER TO PROVIDE TRUSSES & DETAILS THAT CAN ACCOMMODATE OPENINGS LARGER THAN THE TRUSS SPACING. ALSO PROVIDE TRUSSES TO ALLOW FOR SIDE ACCESS, PER ARCH. SEE PLANS FOR SPECIFIC LOCATIONS & DIMENSIONS.

ABBREVIATIONS

(E)	Existing	LAG	Lag Screw
(N)	New	LOC	Location
@	At	LONG	Longitudinal
AB	Anchor Bolts	MAX	Maximum
ADD'L	Additional	MEZZ	Mezzanine
ADH	Adhesive	MFR	Manufacturer
AFF	Above Finish Floor	MIN	Minimum
AHJ	Authority Having Jurisdiction	OC	On-Center
ALT	Alternate	OH	Overhead
AR	Anchor Rod	OPNG	Opening
ARCH	Architect	PL	Plate
BLDG	Building	PLS	Places
BLKG	Blocking	PSF	Pounds-per-square-foot
BM	Beam	PSI	Pounds-per-square-inch
BOT	Bottom	REQ'D	Required
BTWN	Between	RO	Rough Opening
CL	Center-Line	SBN	Shearwall Boundary Nailing
CLR	Clear	SCH	Schedule
COL	Column	SIM	Similar
CONC	Concrete	SQ	Square
CONT	Continuous, Continue	STL	Steel
DBN	Diaphragm Boundary Nailing	T&B	Top and Bottom
EA	Each	T&G	Tongue and Groove
EQ	Equal, Earthquake	T.O.	Top of
ES	Each Side	T.O.B.	Top of Beam
EW	Each Way	T.O.S.	Top of Steel
EXP	Expansion	T.O.W.	Top of Wall
FDN	Foundation	TRANS	Transverse
FF	Finished Floor	TYP	Typical
FOF	Face of Foundation	UON	Unless Otherwise Noted
FOS	Face of Stud	VERT	Vertical
GALV	Galvanized	W	Wide-Flange, Wide
GLB	Glue-Laminated Beam	W.P.	Work Point
HORZ	Horizontal	W/	With
HSS	Hollow Structural Steel	W/C	Water / Cement Ratio
IBC	International Building Code	W/O	Without
INT	Interior	WWR	Welded Wire Reinforcement



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CADD: DCP		GENERAL NOTES		186
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SPECIAL INSPECTION & TESTING SCHEDULE					
ITEM	C.I.	P.I.	REFERENCE STANDARD	IBC REFERENCE	REMARKS
GENERAL					
PREFABRICATED ITEMS	X	X		1704.2	SAME AS SITE WORK UNLESS APPROVED BY BUILDING OFFICIAL
SITE PREPARATION, FILL PLACEMENT, SOIL COMPACTION		X		1704.7, TABLE 1704.7	PRIOR TO REQUESTING A BUILDING DEPARTMENT FOUNDATION INSPECTION, THE SOILS ENGINEER SHALL INSPECT AND APPROVE THE FOUNDATION EXCAVATIONS
WOOD:			NDS 2005; SDPWS 2008; IBC 1707.3 (NOTE 5)		
GRADE STAMPS ON LUMBER & SHEATHING		X			INCLUDING ENG. LUMBER, I-JOISTS, PREFAB TRUSSES, ETC
DETAILS OF WOOD FRAMING		X			BLOCKING, CONNECTIONS, BRIDGING, BEARING, HANGERS
NAILING OF ALL SHEAR WALLS AND DIAPHRAGMS	X			1704.6.1	INCLUDING NOMINAL SIZE OF FRAMING AT PANEL EDGES
SIZES AND LOCATIONS OF ALL HOLDDOWNS		X			
SIZES, LOCATIONS OF ALL STRAPS		X			
SIZES SPACINGS OF SILL BOLTING	X				
NAILING ALONG DRAG STRUTS		X			
ADDITIONAL INSPECTIONS:					
POST INSTALLED ANCHORS AND EPOXY DOWELS	X				
ROOF CLADDING AND FRAMING CONNECTIONS		X			
FABRICATION AND INSTALLATION OF WIND-BORNE DEBRIS RESISTANT GLAZING		X		1609.1.2	COMPLIANCE WITH ASTM E1996
SCHEDULE NOTES:					
1. ITEMS MARKED WITH AN "X" REQUIRE INSPECTION BY A SPECIAL INSPECTOR, ITEMS INDICATED WITH A "T" REQUIRE TESTING, ITEMS MARKED WITH A "D" REQUIRE SPECIFIC DOCUMENTATION PER AISC. 2. C.I. = CONTINUOUS INSPECTION DURING PROGRESS OF WORK BY SPECIAL INSPECTOR. 3. P.I. = PERIODIC INSPECTION BY SPECIAL INSPECTOR AS REQUIRED TO CONFIRM CONFORMANCE OF WORK 4. NO SPECIAL INSPECTION FOR CONCRETE IS REQUIRED. 5. SPECIAL INSPECTION NOT REQUIRED FOR SHEARWALLS OR DIAPHRAGMS, INCLUDING BOLTING, HOLDDOWNS AND OTHER FASTENINGS, WHEN THE SPACING OF NAILS IS MORE THAN 4-INCHES ON-CENTER.					

STATEMENT OF SPECIAL INSPECTIONS
 REFER TO WRITTEN STATEMENT OF STRUCTURAL TESTS AND SPECIAL INSPECTIONS (STSI) IN SPECIFICATION SECTION 01 4000, QUALITY REQUIREMENTS.

SPECIAL INSPECTIONS AND TESTING
 THE CONTRACTING OFFICER SHALL ENGAGE A SPECIAL INSPECTOR PER CHAPTER 17 OF THE IBC 2012. 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 TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION.

DISTRIBUTION OF REPORTS
 COPIES OF THE SPECIAL INSPECTION AND TEST REPORTS SHALL BE DISTRIBUTED TO THE CONTACTING OFFICER. 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 CONTRACTING OFFICER, IN ACCORDANCE WITH IBC 1706. 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.

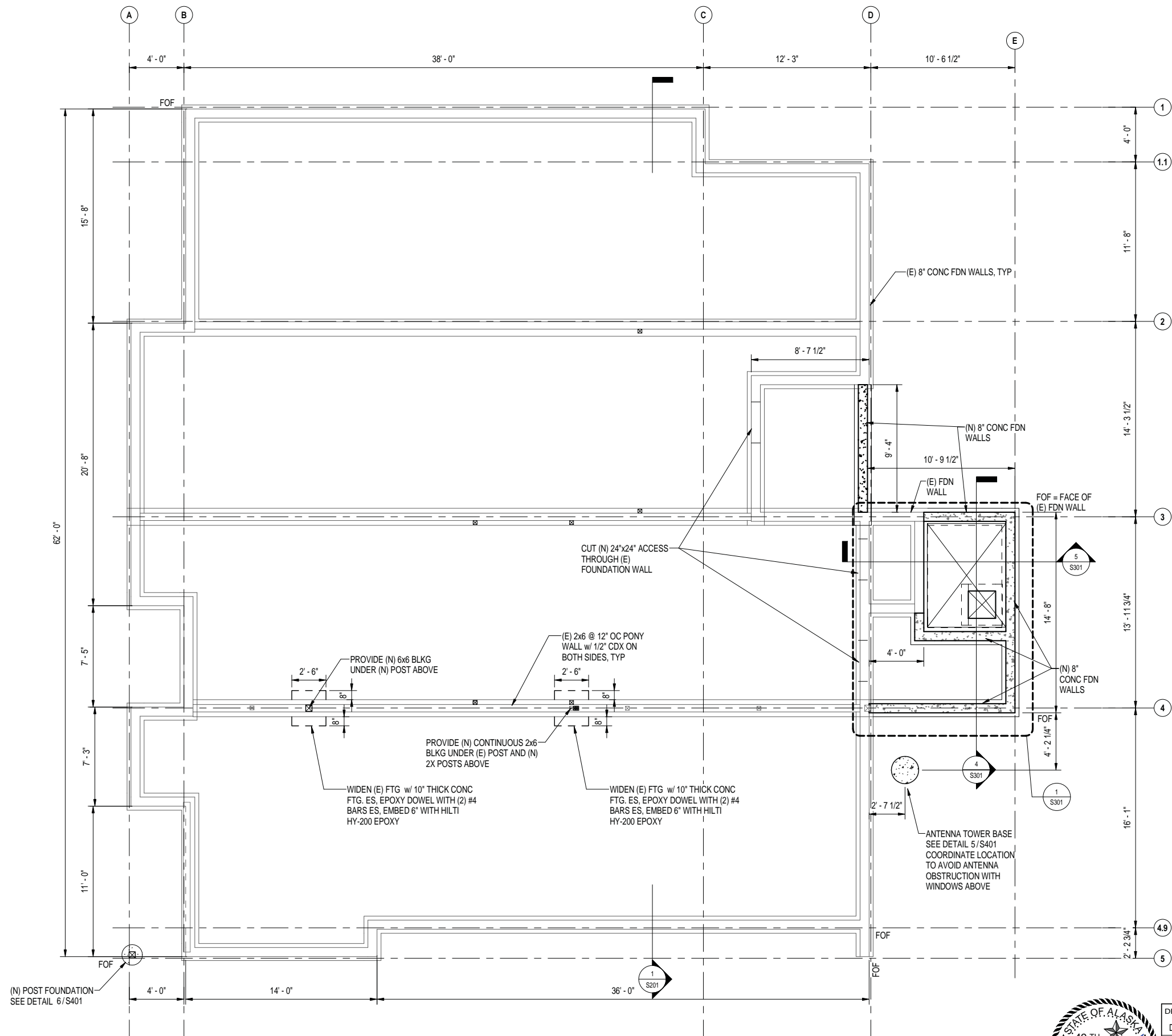


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 TECH REVIEW: DDS
 DATE: 2016.28.09

SUB SHEET NO.
S002

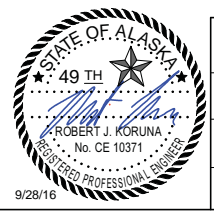
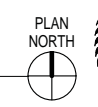
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STATEMENT OF SPECIAL INSPECTIONS
 SEWARD VISITOR CENTER REHAB
 KENAI FJORDS NATIONAL PARK

DRAWING NO.
186
80,040
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NOTES:
 1. SEE SHEET S301 FOR NEW FOUNDATION ELEVATIONS.

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

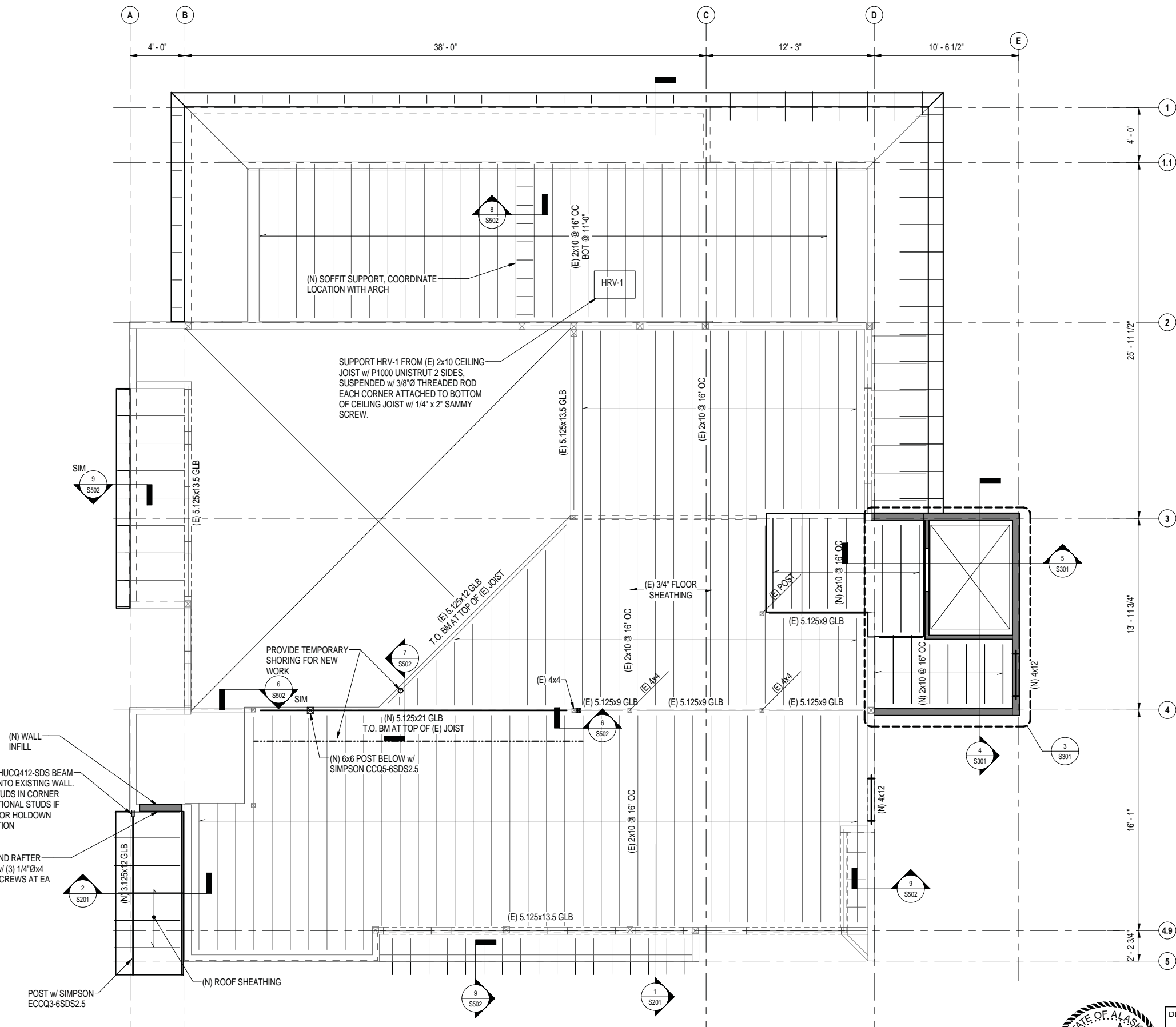


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 2016.28.09

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S100

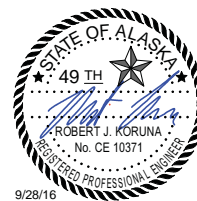
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 SEWARD VISITOR CENTER REHAB
 KENAI FJORDS NATIONAL PARK

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- NOTES:
1. HEADERS ON THIS PLAN OCCUR ABOVE 2ND FLOOR WINDOWS & DOORS.
 2. (E) LOWER ROOF FRAMING NOT SHOWN FOR CLARITY.
 3. PROVIDE DOUBLE TRIMMERS AND SINGLE KING POST FOR HEADERS UNON.

1 SECOND FLOOR FRAMING PLAN
1/4" = 1'-0"

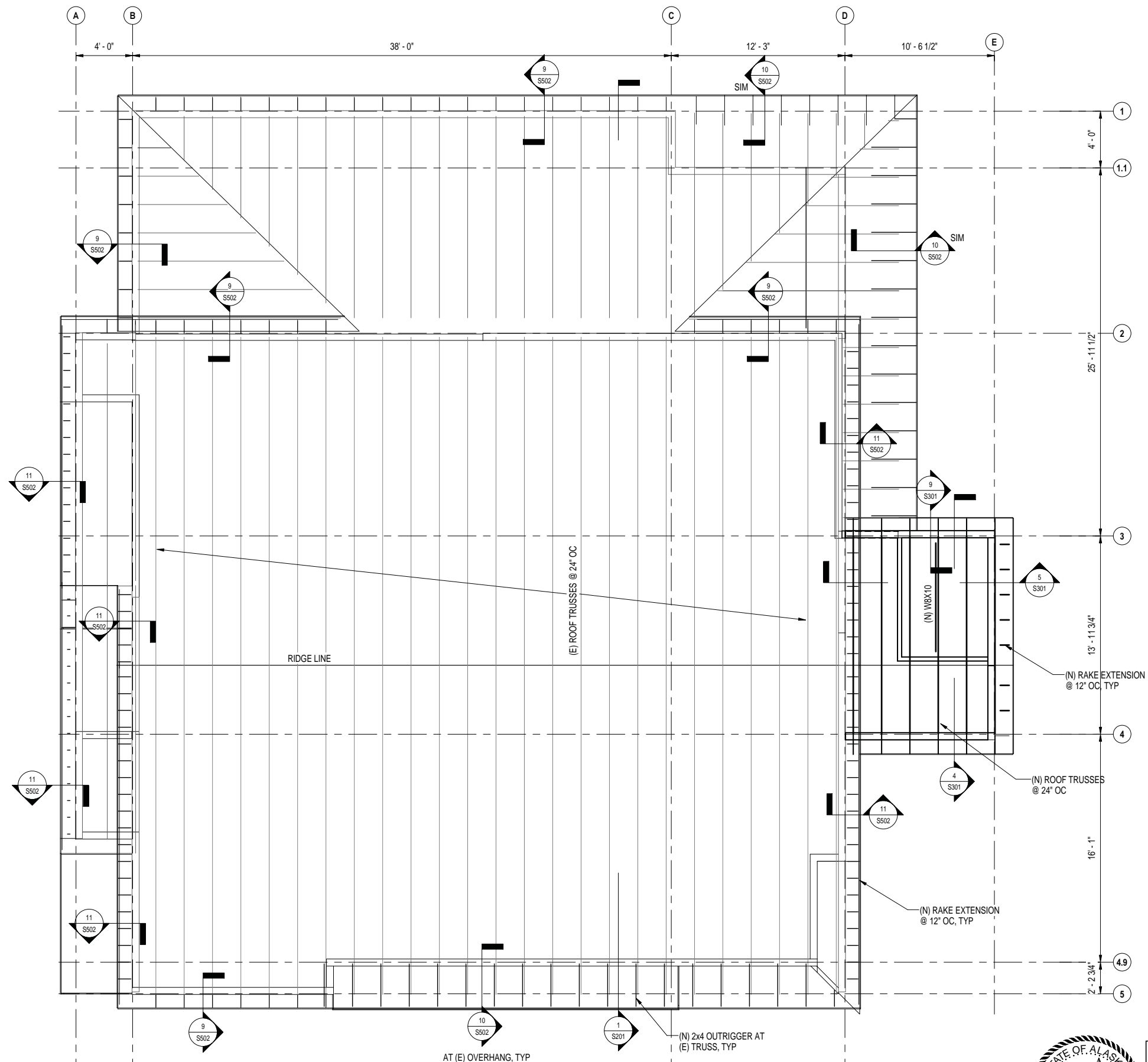


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S102

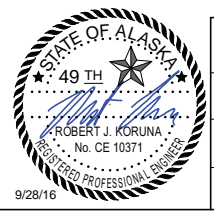
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SECOND FLOOR FRAMING PLAN
 SEWARD VISITOR CENTER REHAB
 KENAI FJORDS NATIONAL PARK

DRAWING NO.
186
80,040
 PMIS/PKG NO.
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33 OF **73**



NOTES:
1. CUT SHEATHING AS REQUIRED FOR RIDGE VENTING, COORDINATE WITH ARCHITECTURAL.

1 ROOF FRAMING PLAN
1/4" = 1'-0"

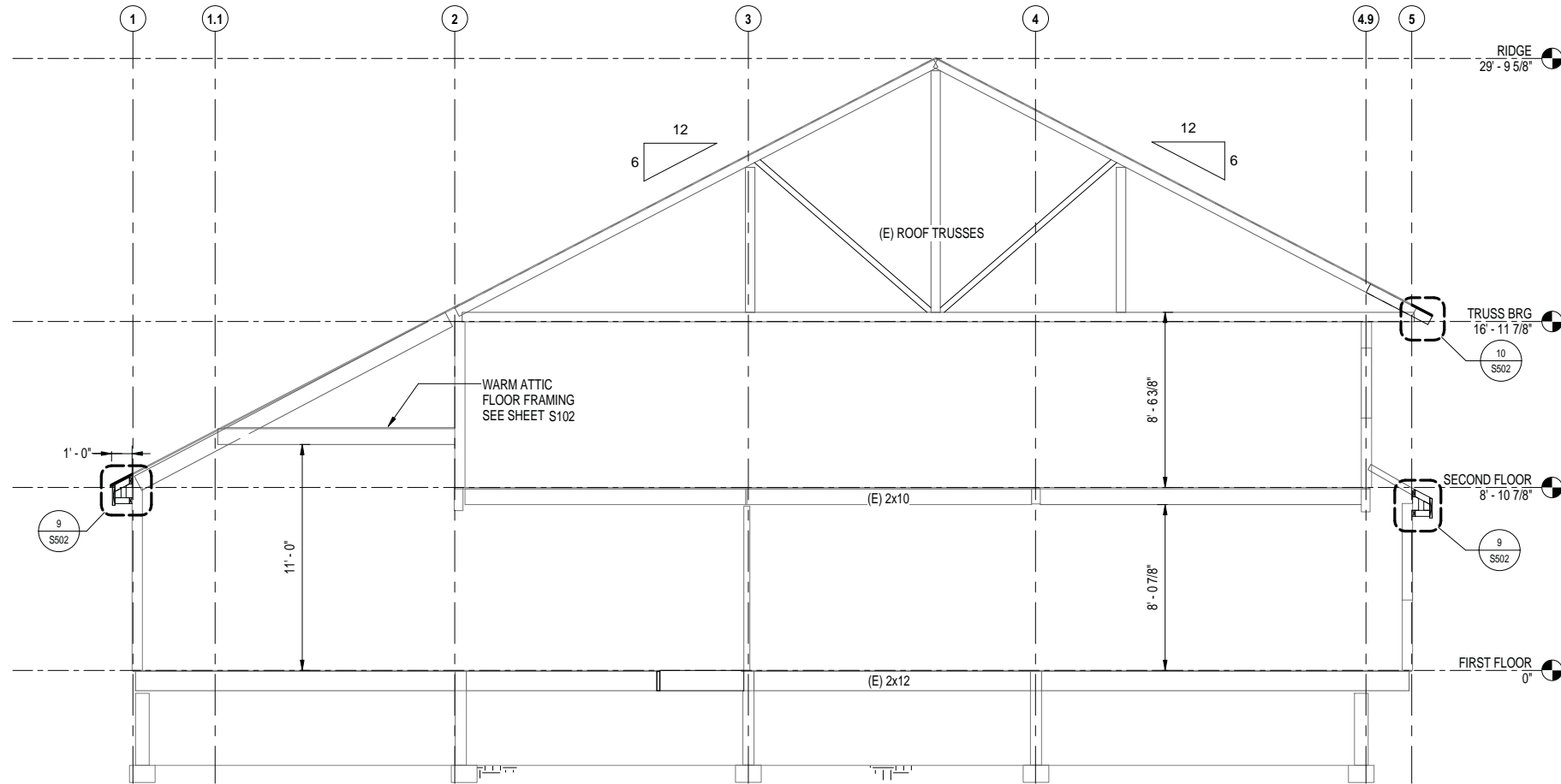


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TECH REVIEW: DDS
DATE: 2016.28.09

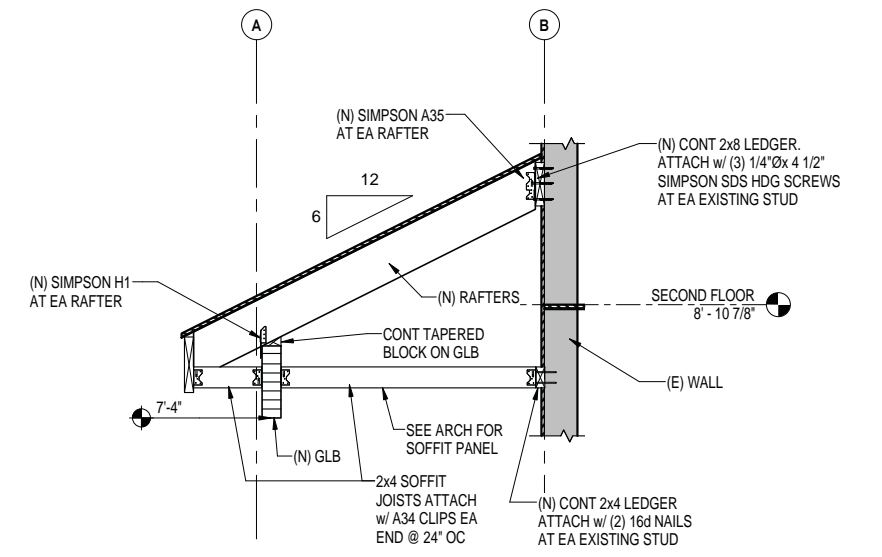
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TITLE OF SHEET
ROOF FRAMING PLAN
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

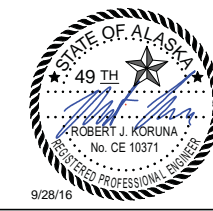
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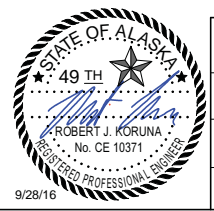
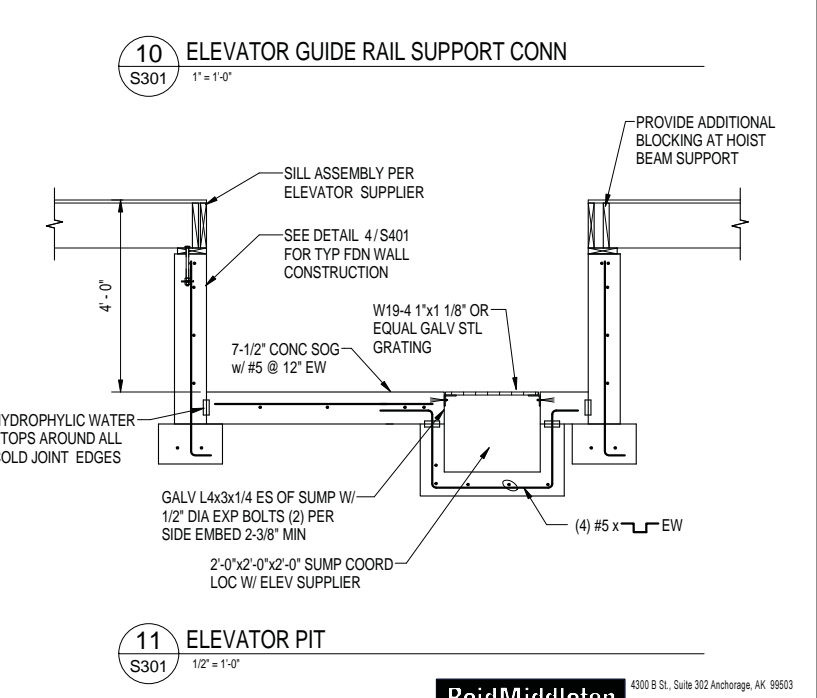
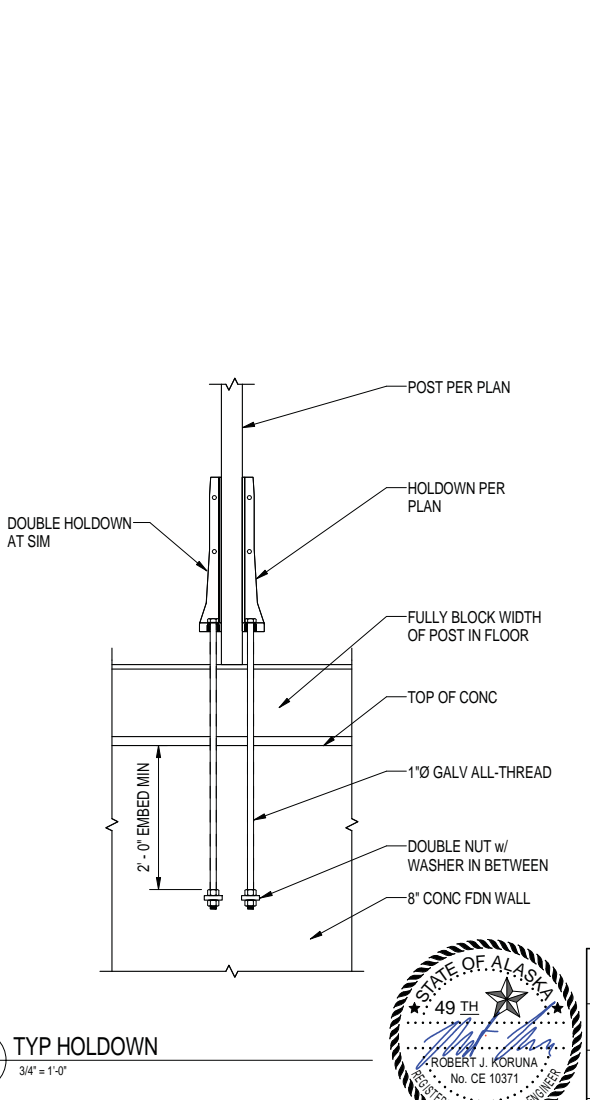
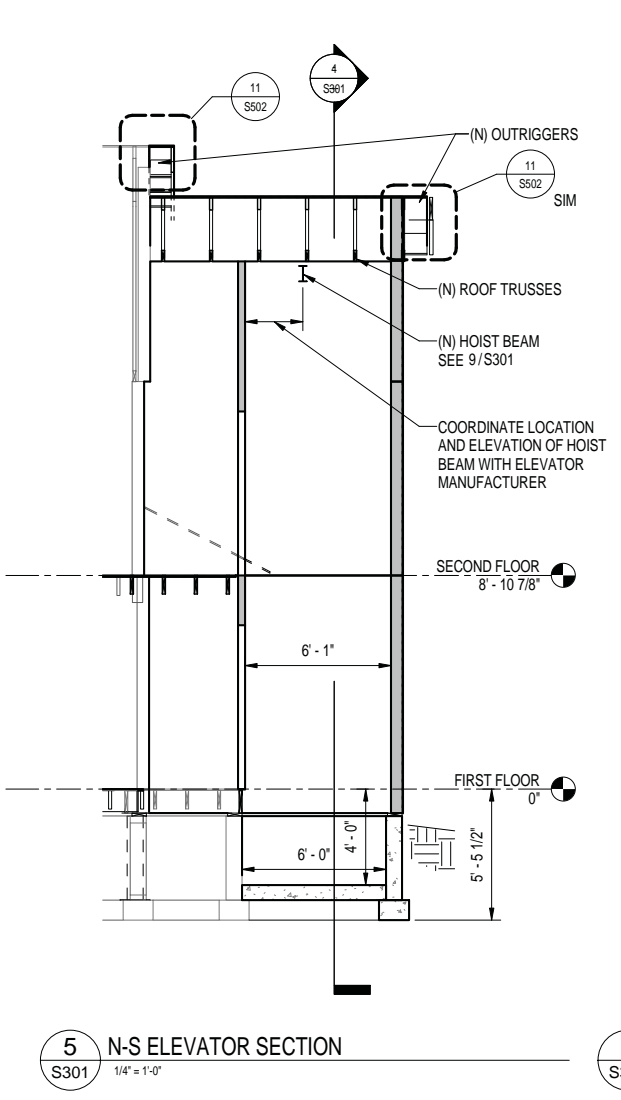
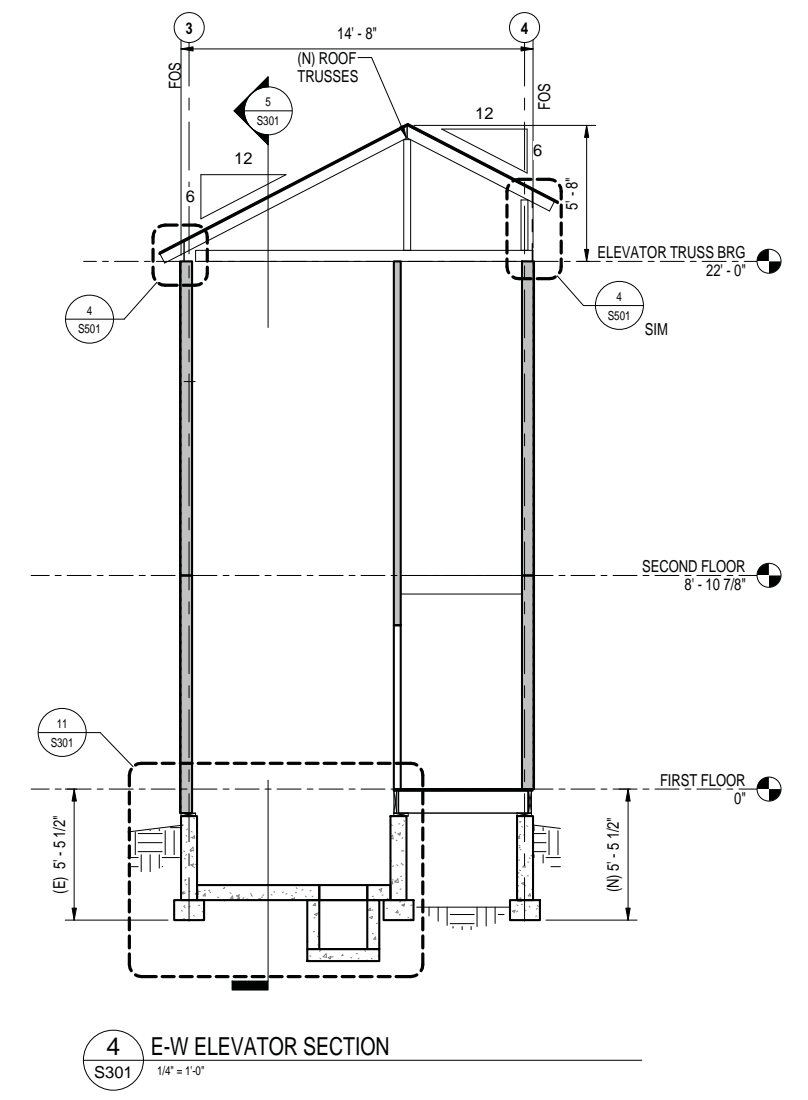
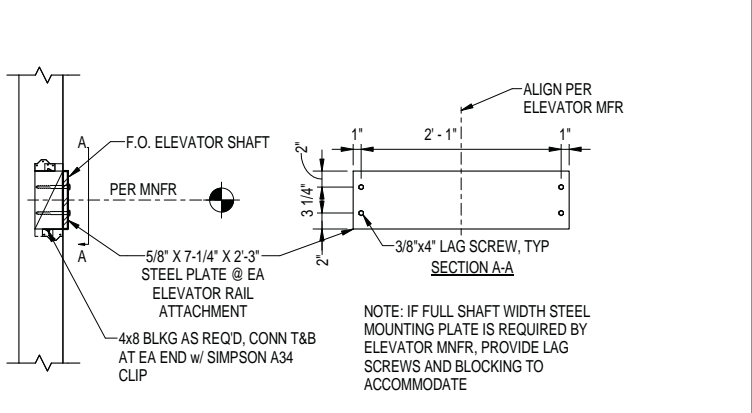
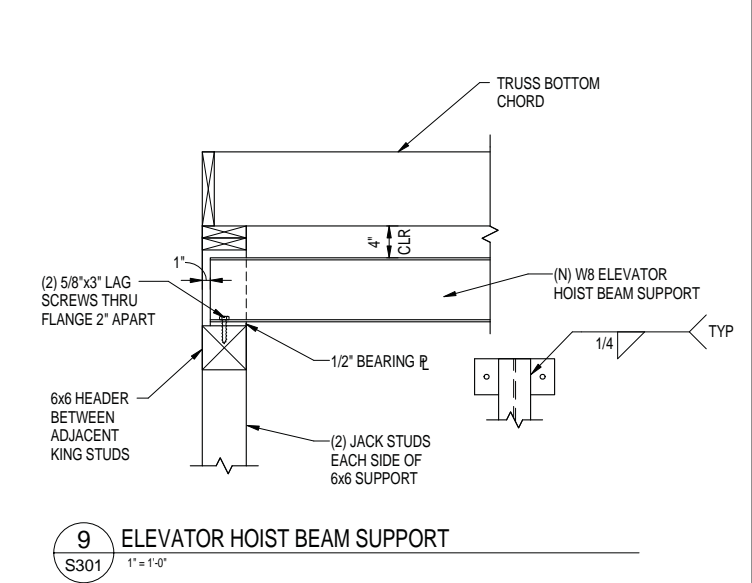
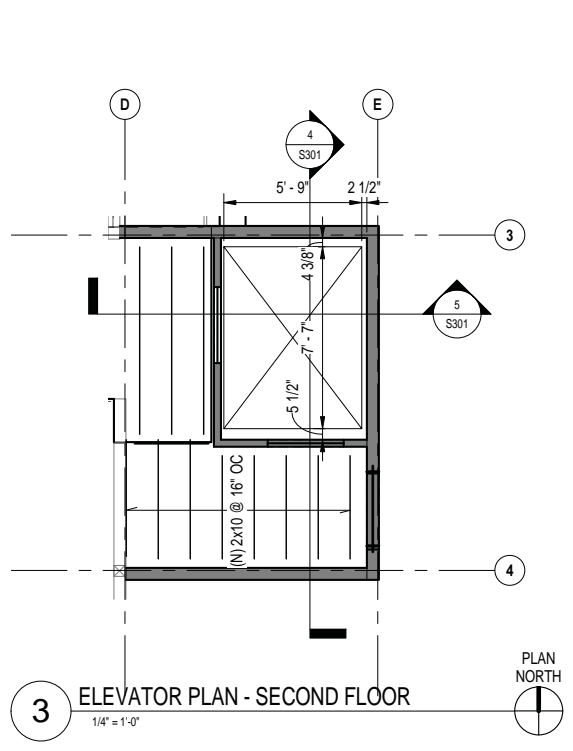
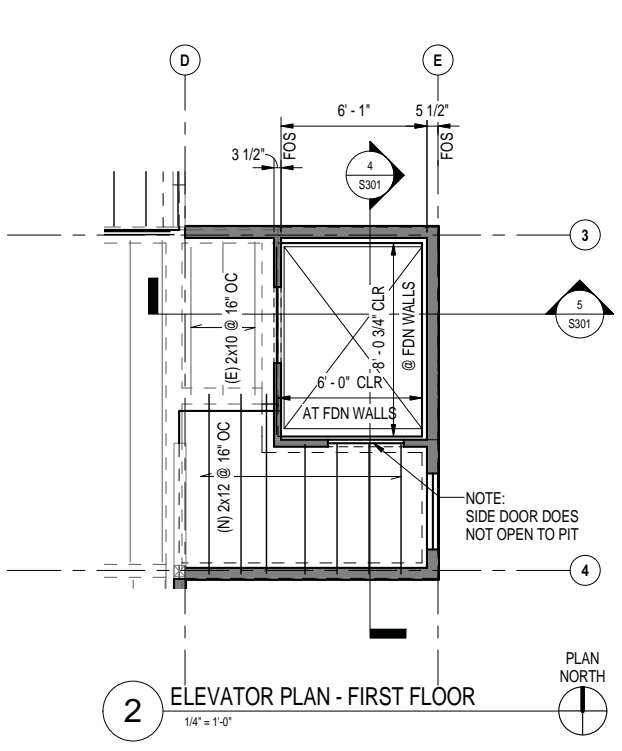
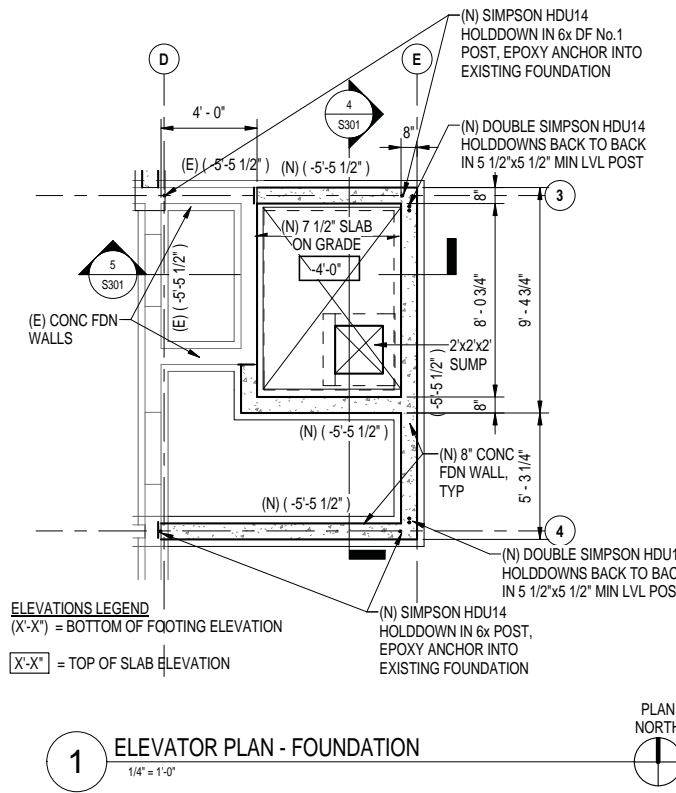
1 BUILDING SECTION
S201 1/4" = 1'-0"



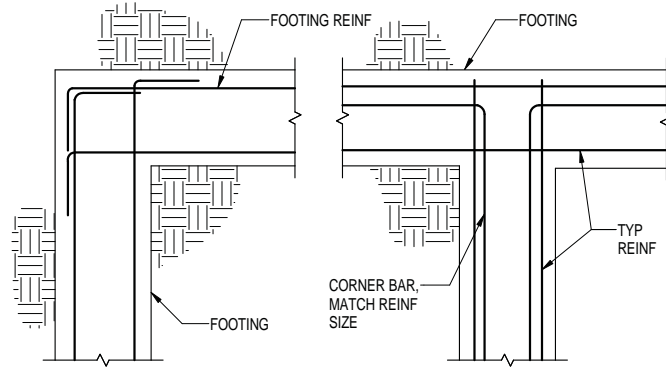
2 NEW CANOPY SECTION
S201 3/4" = 1'-0"



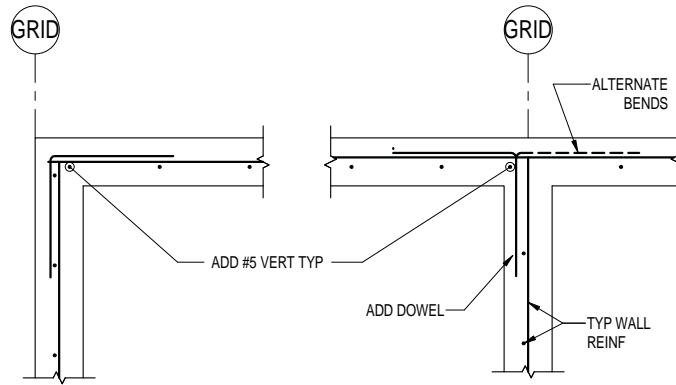
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CADD: DCP		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	80,040
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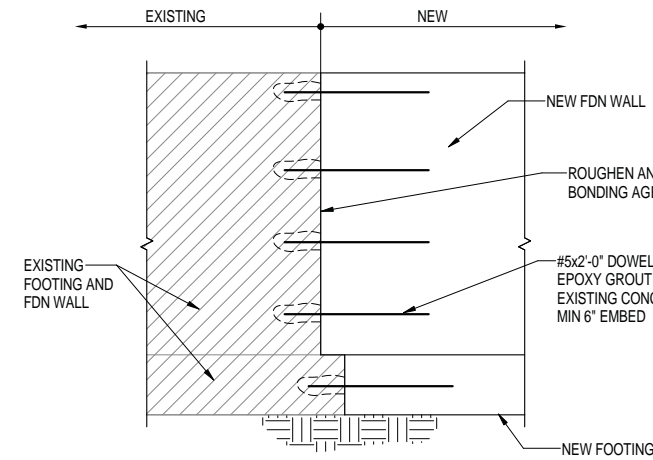
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CADD: DCP		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	PMIS/PKG NO. 184638
TECH REVIEW: DDS			SHEET 36 OF 73
DATE: 2016.28.09			



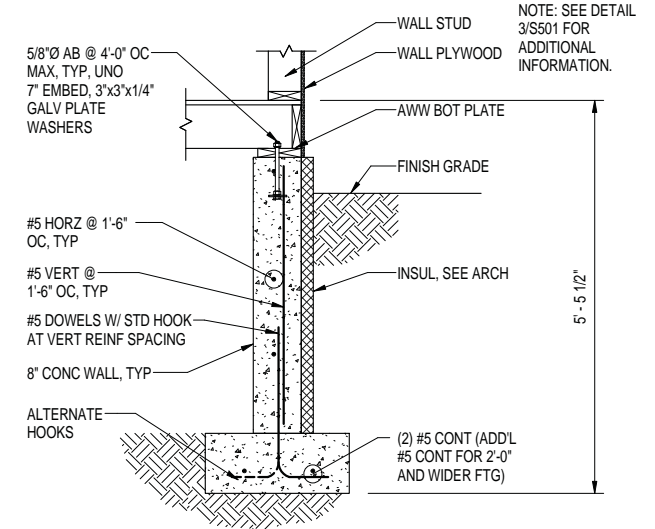
PLAN VIEW



NOTE:
1. DOWELS SHALL MATCH SIZE & SPACING OF TYP WALL REINF TIE DOWELS TO TYP WALL & FOUNDATION REINF.



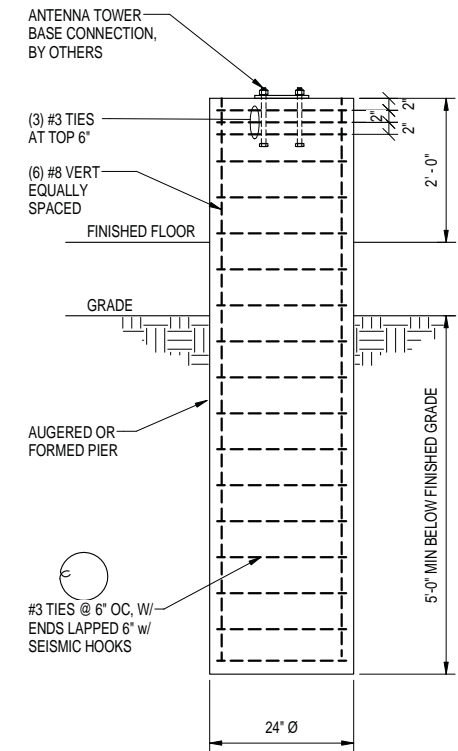
3 FOUNDATION DETAIL, NEW TO EXISTING
S401 3/4" = 1'-0"



NOTE: SEE DETAIL 3/S501 FOR ADDITIONAL INFORMATION.

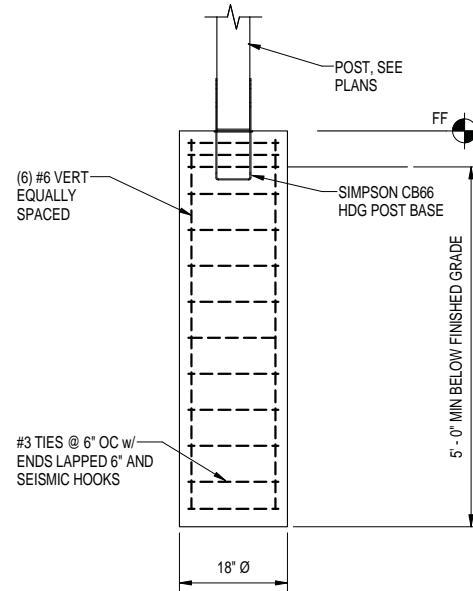
4 EXT FOUNDATION WALL
S401 3/4" = 1'-0"

1 300.01-TYP CONC FOOTING DETAILS
S401 3/4" = 1'-0"

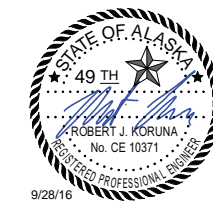


5 ANTENNA TOWER BASE
S401 3/4" = 1'-0"

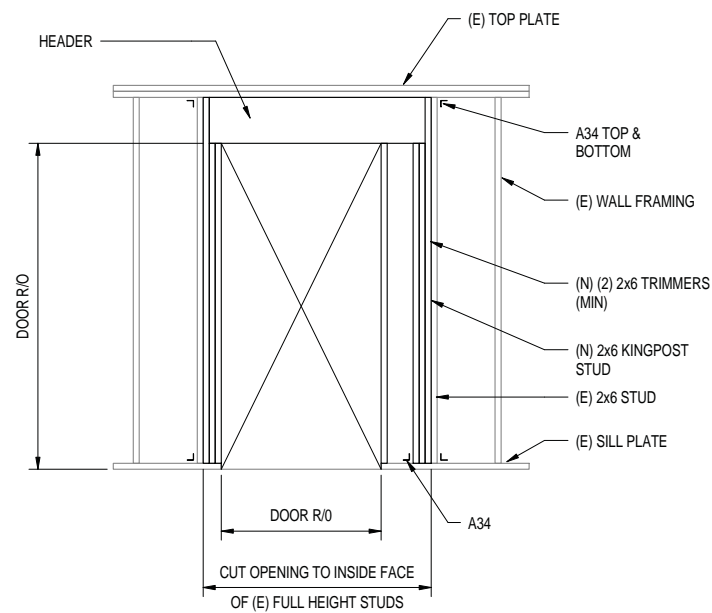
2 TYP CONC FDN WALL PLAN VIEW
S401 3/4" = 1'-0"



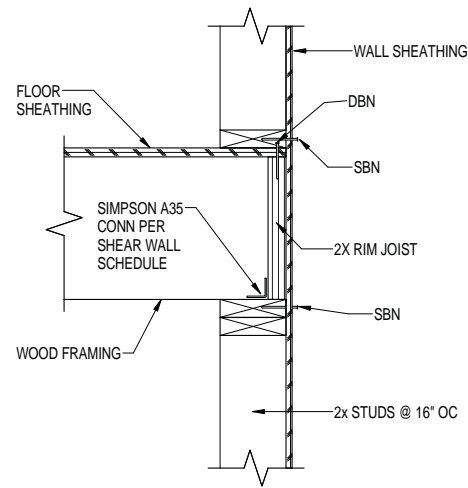
6 POST BASE
S401 3/4" = 1'-0"



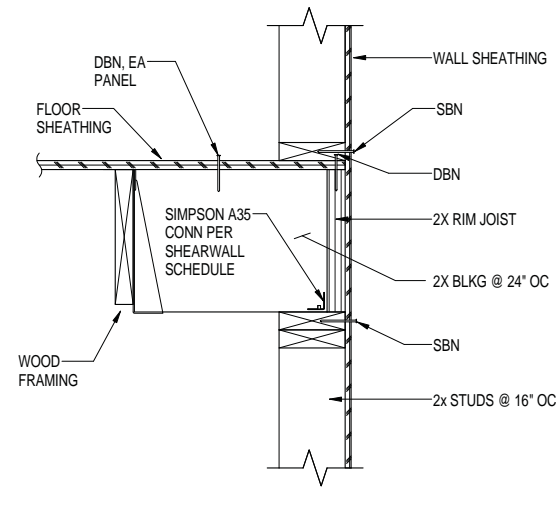
DESIGNED: DDS	SUB SHEET NO. S401	TITLE OF SHEET FOUNDATION DETAILS	DRAWING NO. 186
CADD: DCP		PMIS/PKG NO. 184638	
TECH REVIEW: DDS		SHEET 37 OF 73	
DATE: 2016.28.09		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	



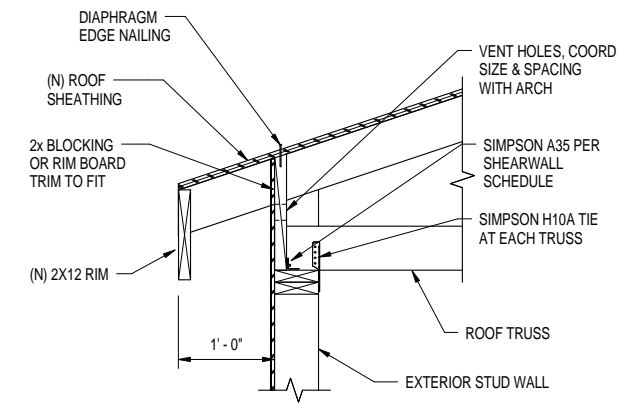
1 (N) DOOR IN (E) WALL
S501 1/2" = 1'-0"



2 TYP FLOOR EDGE-FRAMING PERP TO WALL
S501 1 1/2" = 1'-0"

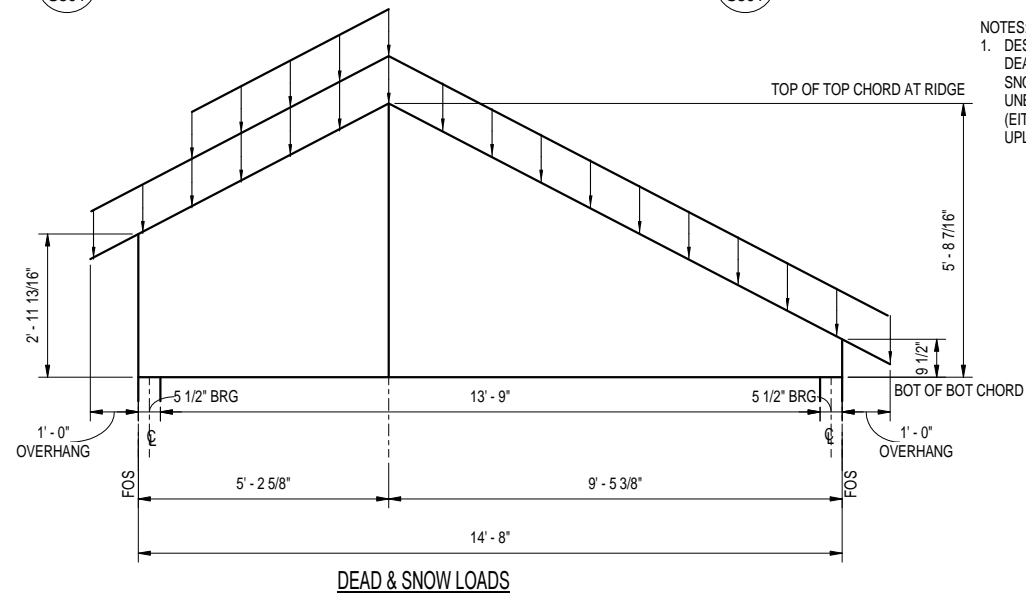


3 TYP FLR EDGE-FRAMING PARALLEL TO WALL
S501 1 1/2" = 1'-0"



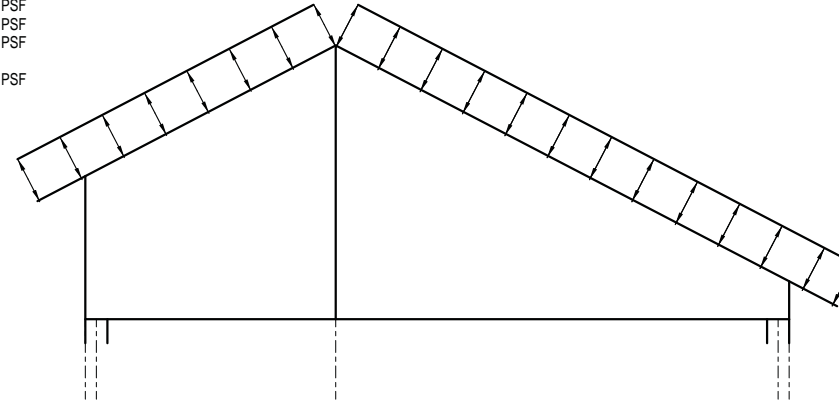
4 SECTION AT EAVE
S501 1" = 1'-0"

NOTE:
AT SIM BLOCK WITH PRE-ENGINEERED TRUSS BLOCKING PANELS SHEATHED TO MATCH WALL SHEATHING.



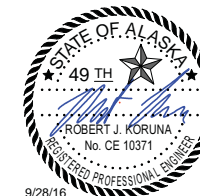
5 TRUSS PROFILES
S501 1/2" = 1'-0"

NOTES:
1. DESIGN TRUSSES FOR THE FOLLOWING LOADS:
DEAD LOAD: 20 PSF
SNOW LOAD: 80 PSF
UNBALANCED SNOW: 95 PSF
(EITHER SIDE OF RIDGE)
UPLIFT: 50 PSF

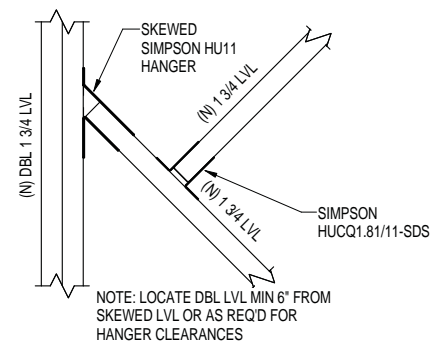


SEE DEAD & SNOW LOADS FOR DIMENSIONS

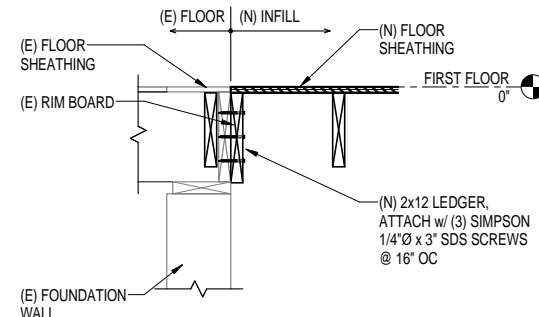
WIND LOADS



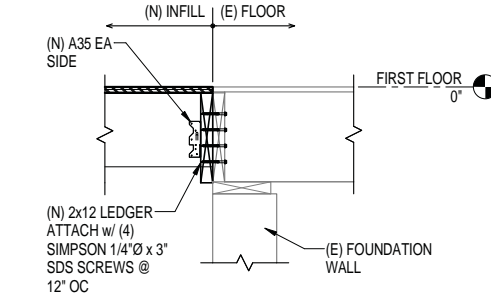
DESIGNED: DDS	SUB SHEET NO. S501	TITLE OF SHEET FRAMING DETAILS	DRAWING NO. 186 80,040
CADD: DCP		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	PMIS/PKG NO. 184638
TECH REVIEW: DDS			SHEET
DATE: 2016.28.09			38 OF 73



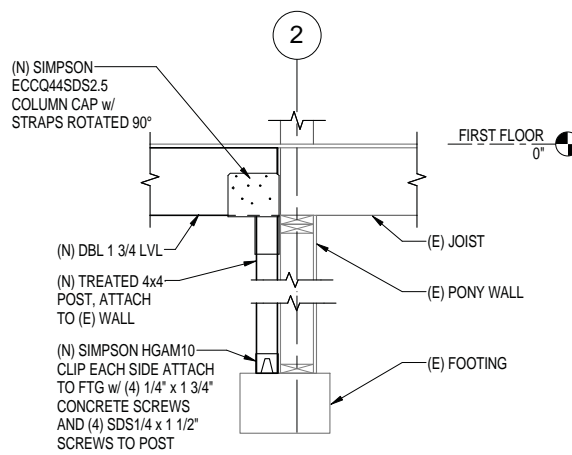
1 SKEWED LVL CONNECTION
S502 1 1/2" = 1'-0"



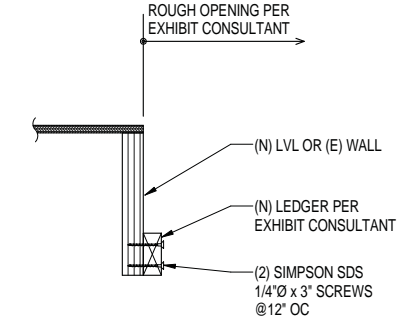
2 NEW FLOOR INFILL AT EXISTING
S502 1" = 1'-0"



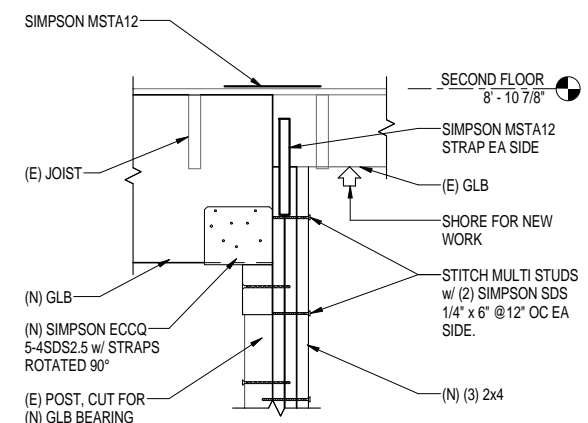
3 (N) FLOOR INFILL
S502 1" = 1'-0"



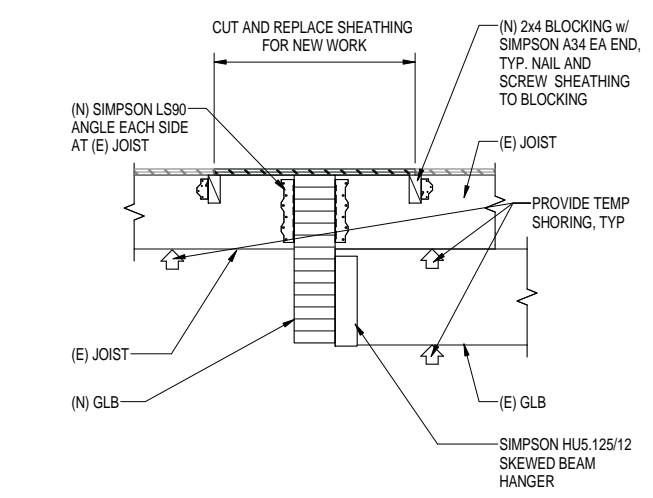
4 (N) JOIST AT PONY WALL
S502 3/4" = 1'-0"



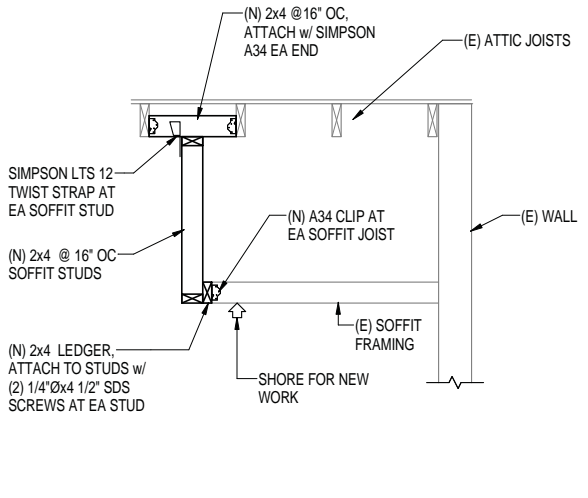
5 EXHIBIT SUPPORTS
S502 1 1/2" = 1'-0"



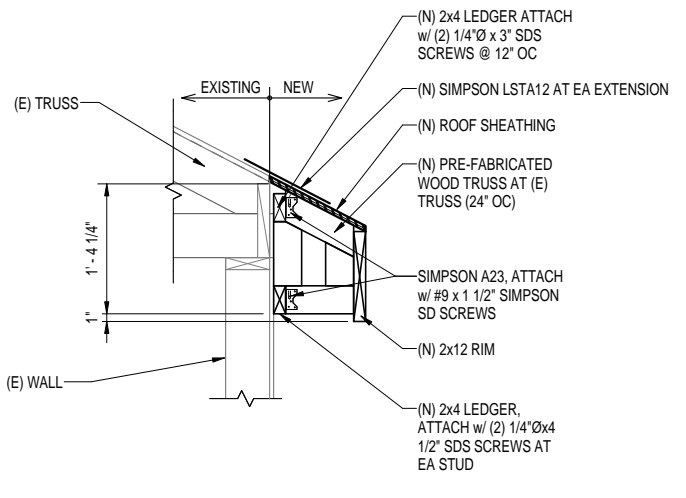
6 (N) GLB SUPPORT AT (E) POST
S502 1" = 1'-0"



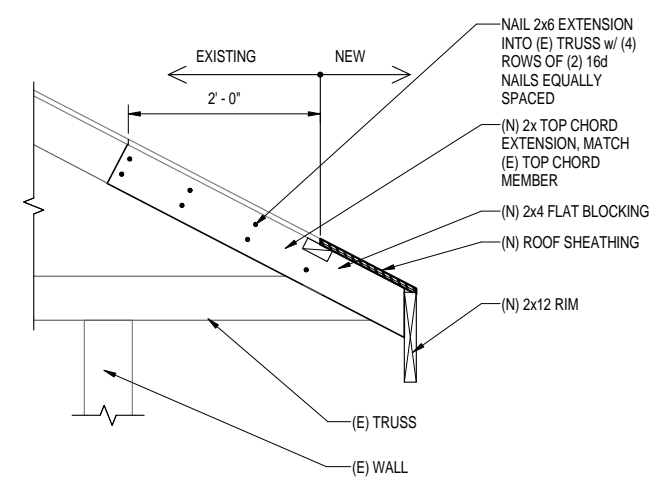
7 NEW GLB AT EXISTING
S502 1" = 1'-0"



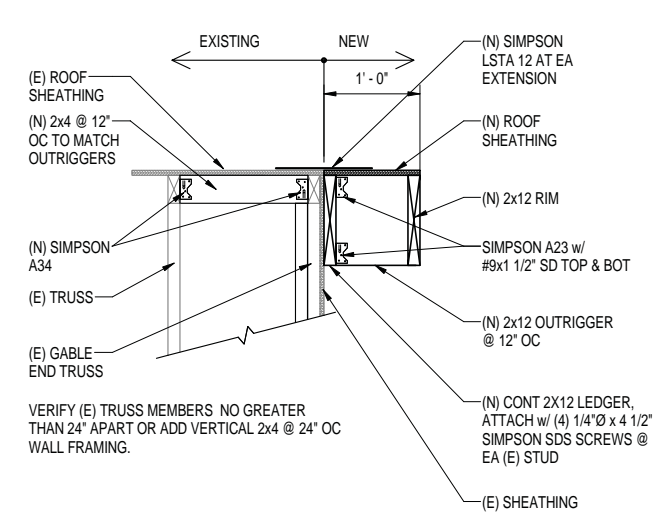
8 (E) SOFFIT SUPPORT
S502 3/4" = 1'-0"



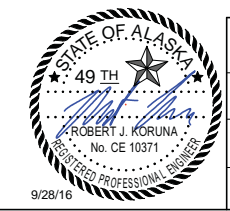
9 NEW TRUSS EXTENSION
S502 1" = 1'-0"



10 (N) TRUSS EXTENSION
S502 1" = 1'-0"



11 RAKE EXTENSION
S502 1" = 1'-0"



DESIGNED: DDS	SUB SHEET NO. S502	TITLE OF SHEET FRAMING DETAILS	DRAWING NO. 186
CADD: DCP		PMIS/PKG NO. 184638	
TECH REVIEW: DDS		SHEET 39 OF 73	
DATE: 2016.28.09		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	

PIPING LEGEND		DUCTWORK LEGEND		ABBREVIATIONS							
-----	COLD WATER	⊕	THERMOSTAT (HEATING)	AAV	AUTOMATIC AIR VENT	CW	COLD WATER	HGS	HEATING GLYCOL SUPPLY	PD	PRESSURE DROP
-----	HOT WATER	⊕	THERMOSTAT WITH GUARD	ABV	ABOVE	DC	DUST COLLECTION	HOA	HAND-OFF-AUTO	P.G	PROPYLENE GLYCOL
-----	HOT WATER RECIRC	⊕		ADA	AMERICAN WITH DISABILITIES ACT GUIDELINES	DEG	DEGREE	HP	HORSEPOWER	PH	PHASE
-----FOS	FUEL OIL SUPPLY	⊗	SUPPLY AIR UP & DOWN	AD	ACCESS DOOR	DIA	DIAMETER	HW	HOT WATER	PSI	POUNDS PER SQUARE INCH
○	PIPE UP	⊗	EXHAUST AIR UP & DOWN	AFF	ABOVE FINISHED FLOOR	DN	DOWN	HWC	HOT WATER CIRCULATION	PSIG	POUNDS PER SQUARE INCH GAUGE
○	PIPE DOWN	⊗		AFG	ABOVE FINISHED GRADE	DWG	DRAWING	IN	INCHES	R/A	RETURN AIR
○	TEE UP	⊗		AHAP	AS HIGH AS POSSIBLE	E/A	EXHAUST AIR	IBC	INTERNATIONAL BUILDING CODE	RPM	REVOLUTIONS PER MINUTE
○	TEE DOWN	⊗		AL	ALUMINUM	EAT	ENTERING AIR TEMPERATURE	ID	INSIDE DIMENSION	S/A	SUPPLY AIR
	UNION	⊗	ROUND DUCT UP & DOWN	AMPS	AMPERES	EFF	EFFICIENCY	LAT	LEAVING AIR TEMPERATURE	SCFM	STANDARD CUBIC FEET PER MINUTE
→	DIRECTION OF FLOW	⊗	DUCT SIZE (FIRST FIGURE - SIDE SHOWN) (SECOND FIGURE - SIDE NOT SHOWN)	APD	AIR PRESSURE DROP	EGT	ENTERING GLYCOL TEMPERATURE	LAV	LAVATORY	SP	STATIC PRESSURE
○	BALL VALVE	⊗	INSULATED DUCTWORK	ARCH	ARCHITECTURAL	ENT	ENTERING	LF	LINEAL FEET	SS	STAINLESS STEEL
⊕	2-WAY CONTROL VALVE	⊗	SOUNDLINED DUCTWORK	AS-X	AIR SEPARATOR DESIGNATOR	ESP	EXTERNAL STATIC PRESSURE	LGT	LEAVING GLYCOL TEMPERATURE	SQ	SQUARE
⊕	CHECK VALVE	⊗		B-X	BOILER DESIGNATOR	ET-X	EXPANSION TANK DESIGNATOR	LP	LIQUEFIED PETROLEUM GAS	T/A	TRANSFER AIR
⊕	BALANCE VALVE	⊗		BDD	BACKDRAFT DAMPER	EXH	EXHAUST	LWT	LEAVING WATER TEMPERATURE	TEMP	TEMPERATURE
⊕	PRESSURE REDUCING VALVE	⊗		BLDG	BUILDING	F	FAHRENHEIT	MAX	MAXIMUM	TOD	TOP OF DUCT
⊕	PRESSURE/TEMPERATURE RELIEF VALVE	⊗		BOD	BOTTOM OF DUCT	FIN	FINISHED	MBH	THOUSAND BTUH	TSP	TOTAL STATIC PRESSURE
⊕	PUMP	⊗		BTUH	BRITISH THERMAL UNIT/HOUR CAPACITY	FLR	FLOOR	M/GR	MANUFACTURER	T'STAT	THERMOSTAT
⊕	PRESSURE GAUGE W/ ISOLATION COCK	⊗		C/A	COMBUSTION AIR	FPM	FEET PER MINUTE	M/A	MAKEUP AIR	TTL	TOTAL
		⊗		CFM	CUBIC FEET PER MINUTE	FSC	FAN SPEED CONTROL	MIN	MINIMUM	TYP.	TYPICAL
		⊗		CIRC	CIRCULATING	FT	FEET	MOD	MOTOR OPERATED DAMPER	UPC	UNIFORM PLUMBING CODE
		⊗		CLG	CEILING	FW	FORCED WASTE	MTD	MOUNTED	V	VENT
		⊗		COMP.	COMPRESSOR	GA	GAUGE	N	NITROUS OXIDE	VAC	VOLT-AC
		⊗		CONT	CONTINUED	GAL	GALLONS	NC	NORMALLY CLOSED	VEL	VELOCITY
		⊗		CO	CARBON MONOXIDE	GPH	GALLONS PER HOUR	NG	NATURAL GAS	VTR	VENT THRU ROOF
		⊗		CONN	CONNECTION	GPM	GALLONS PER MINUTE	N.O.	NORMALLY OPEN	W	WASTE
		⊗		CONT.	CONTINUATION	GT-X	GLYCOL TANK DESIGNATOR	NTS	NOT TO SCALE	W/O	WITHOUT
		⊗		CP-X	CIRCULATION PUMP DESIGNATOR	HTG	HEATING WATER	OC	ON CENTER	WC	WATER COLUMN
		⊗		CU	COPPER	HD	HEAD	O/A	OUTSIDE AIR	WG	WATER GAUGE
		⊗				HGR	HEATING GLYCOL RETURN	OD	OUTSIDE DIMENSION	WHA	WATER HAMMER ARRESTOR
		⊗						P	PROPANE		

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	MANUFACTURER	MODEL	CW	HW	WASTE	VENT	TRAP	COLOR/FINISH	TRIM/REMARKS
P-1	WATER CLOSET-ADA	AMERICAN STANDARD	MADERA-3461.001	1	--	3	2	--	WHITE	FLOOR MOUNT, AMERICAN STANDARD #5901.100 FRONT SEAT LESS COVER, PROVIDE WITH ROYAL 111-1.28 HIGH EFFICIENCY EXPOSED FLUSHOMETER, 1.28 GPM.
P-2	LAVATORY - WALL	AMERICAN STANDARD	LUCERNE-0355.012	1/2	1/2	1-1/2	1-1/4	1-1/4	WHITE	OPEN FAUCET HOLES ON 4" CENTERS, 0.5 GPM MODEL BY MOEN FAUCET 8413F05, PROVIDE ASSE 1070 POINT OF USE THERMOSTATIC MIXING VALVE.
P-3	DRINKING FOUNTAIN	ELKAY	EZD	1/2	--	1-1/2	1-1/4	1-1/4	STAINLESS	PROVIDE WITH WALL PLATE MOUNTING HARDWARE.
P-4(E)	DRINKING FOUNTAIN	ELKAY	EZWSRF	1/2	--	1-1/2	1-1/4	1-1/4	STAINLESS	EXISTING DRINKING FOUNTAIN W/ BOTTLE FILL STATION, PROVIDE WALL PLATE MOUNTING HARDWARE, INSTALL AT ADA HEIGHT.
P-5	SINK - JANITOR	FIAT	MSB-2424	1/2	1/2	3	2	3	WHITE	FIAT FAUCET 830-AA, 832 HOSE AND BRACKET, E-77-AA VINYL BUMPERGUARD, 889-CC MOP HANGER.
P-6	LAVATORY - COUNTER	AMERICAN STANDARD	RONDALYN-0491.019	1/2	1/2	1-1/2	1-1/4	1-1/4	WHITE	OPEN FAUCET HOLES ON 4" CENTERS, 0.5 GPM MODEL BY MOEN FAUCET 8413F05, PROVIDE ASSE 1070 POINT OF USE THERMOSTATIC MIXING VALVE.
FD-1	FLOOR DRAIN	ZURN	Z-415B	--	--	2	1-1/2	2	--	ROUND TOP, NICKEL BRONZE STRAINER, TRAP PRIMER CONNECTION.

BOILER SCHEDULE

SYMBOL	MANUFACTURER	MODEL	HEATED		INPUT		GROSS OUTPUT		DOMESTIC WATER HEATING		ELECTRICAL		REMARKS
			MEDIUM	FUEL	GPH	MBH	CAPACITY (GAL.)	1ST HOUR RATING (77° F RISE)	AMPS	VOLT/PH			
B-1	ENERGY KINETICS	EK-2, SYSTEM 2000	WATER	#2 FUEL OIL	1.2	147	40	293 GAL/HR.	7.5	120/1			PROVIDE AS "FRONTIER STACKABLE" SYSTEM WITH THE FOLLOWING EQUIPMENT: CONCENTRIC POWER VENT KIT FOR BOILER COMBUSTION AIR INTAKE AND EXHAUST, CARLIN 99FRD BURNER, BURNER COMBUSTION AIR BOX KIT, LOW WATER CUT OUT, REDUNDANT HIGH LIMIT, INTEGRAL STAND FOR STACKABLE BOILER/WATER HEATER, 40 GAL. WATER HEATER, BOILER PUMP CP-1, DOMESTIC WATER HEATING PUMP CP-4, DOMESTIC WATER HEAT EXCHANGER HX-1.

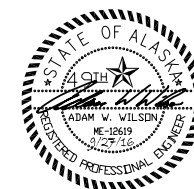
PUMP SCHEDULE

SYMBOL	MANUFACTURER	MODEL	FUNCTION	PUMPED		HEAD		ELECTRICAL		REMARKS
				MEDIUM	GPM	FEET	HP	VOLTS/PH		
CP-1	TACO	0010	BOILER CIRCULATION	HTG WATER	15	10	1/8	120/1		CAST IRON CONSTRUCTION, IN-LINE PUMP.
CP-2	TACO	2445	SYSTEM CIRCULATION	HTG WATER	15	30	1/3	120/1		CAST IRON CONSTRUCTION, IN-LINE PUMP.
CP-3	TACO	003-PNP	HOT WATER RECIRCULATION	WATER	0.5	4	1/40	120/1		PROVIDE WITH CHECK VALVE, 24-HOUR TIMER AND AQUASTAT, NSF-61 LISTED FOR USE WITH POTABLE WATER.
CP-4	TACO	0060	DOMESTIC HOT WATER	WATER	4.25	5	1/40	120/1		PROVIDE WITH CHECK VALVE, BRONZE CONSTRUCTION, NSF-61 LISTED FOR USE WITH POTABLE WATER.
SP-1	ZOELLER	M137	SUMP DISCHARGE	WATER	50	17	1/2	120/1		AUTOMATIC OPERATION, ALL CAST IRON PUMP, 1-1/2" DISCHARGE, INTEGRAL FLOAT AND SWITCH, 3-PRONG CORD AT 9 FT. LONG.

EXPANSION TANK SCHEDULE

SYMBOL	MANUFACTURER	MODEL	FUNCTION	MEDIUM	MATERIAL	TANK VOLUME		DIMENSIONS	REMARKS
						TOTAL (GAL)	ACCEPTANCE (GAL)		
ET-1	AMTROL	SX-30V	HEATING	WATER	STEEL/BUTYL	14	11.3	24" H X 15" DIA	PRECHARGE TO 12 PSI.
ET-2	THERM-X-TROL	ST-12	HEATING	WATER	STEEL/BUTYL	14	11.3	24" H X 15" DIA	PRECHARGE TO 12 PSI.

RSA ENGINEERING, INC.
MECHANICAL AND ELECTRICAL CONSULTING ENGINEERS
670 West Fireweed Lane, Suite 200 - Anchorage, AK 99503 (907) 276-0521
191 East Swanson Ave., Suite 101 - Wasilla, AK 99654 (907) 357-1521
Corporate No.: AECC542 RSA Job# L5251



DESIGNED:
AWW
CADD:
SR
TECH REVIEW:
MRF
DATE:
2016.09.28

SUB SHEET NO.
M001

TITLE OF SHEET
**LEGEND,
ABBREVIATIONS &
SCHEDULES**
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

DRAWING NO.
186
80,040
PMIS/PKG NO.
184638
SHEET
40 OF 73

AIR SEPARATOR SCHEDULE

SYMBOL	MANUFACTURER	MODEL	SIZE	CONNECTION	MATERIAL	FLUID	REMARKS
AS-1	SPIRO THERM	VDR 150	1-1/2"	THREADED	STEEL	WATER	COMBINATION AIR AND DIRT SEPARATOR, MANUAL DIRT DRAIN VALVE, AUTOMATIC AIR VENT.

HEAT EXCHANGER SCHEDULE

SYMBOL	MANUFACTURER	MODEL	TYPE	FUNCTION	HOT SIDE					COLD SIDE					REMARKS
					MEDIUM	FLOW (GPM)	WPD (FT HD)	EWT DEG F	LWT DEG F	MEDIUM	FLOW (GPM)	WPD (FT HD)	EWT DEG F	LWT DEG F	
HX-1	ENERGY KINETICS	#18 PHE	BRAZED PLATE	DOMESTIC HOT WATER	WATER	12.0	9.0	180	140	WATER	4.0	1.0	40	140	DOUBLE WALL FOR USE WITH DOMESTIC WATER, MOUNTING BRACKET.

UNIT HEATER SCHEDULE

SYMBOL	MANUFACTURER	MODEL	CAPACITY MBH	MEDIUM	GPM	EWT DEG F	LWT DEG F	WPD FT HD	CFM	RPM	HP	ELECTRICAL VOLTS/PH	REMARKS
UH-1	MODINE	MODINE HSB-24	12.6	WATER	1.5	180	160	0.6	370	1550	1/25	120/1	HORIZONTAL THROW UNIT HEATER, PROVIDE WITH WALL MOUNTED LOCAL THERMOSTAT.

HEAT RECOVERY VENTILATOR SCHEDULE

SYMBOL	MANUFACTURER	MODEL	AREA SERVED	COIL TAG	ESP		ELECTRICAL			REMARKS
					CFM	IN. W.C.	AMPS	WATTS	VOLTS/PH	
HRV-1	AMERICAN ALDES	H650-FI	THEATER	HC-1	500	0.6	5.5	660	120/1	SUPPLY AND EXHAUST FANS, DIRECT DRIVE, MULTIPLE SPEED SETTINGS, (4) MERV 8 FILTERS, 24 VAC OUTPUT FOR SUPPLY AND EXHAUST DAMPERS, OCCUPANCY AND SPEED CONTROL, INDEPENDENT SUPPLY AND EXHAUST FAN SPEED CONTROLS AND DISCONNECTS.

HEATING COIL SCHEDULE

SYMBOL	MANUFACTURER	MODEL	OUTPUT MBH	CFM	APD P.D.	FACE VEL. FPM	EAT DEG F	LAT DEG F	GPM	MEDIUM	EWT DEG F	LWT DEG F	WPD FT HD	REMARKS
HC-1	LUVATA	5BS0601A 15 X 12	16.3	500	0.02	300	40	70	1.6	WATER	180	160	0.86	DUCT MOUNTED HEATING COIL. SEE PLAN FOR LOCATION.

FINNED TUBE SCHEDULE

SYMBOL	MANUFACTURER	MODEL	MEDIUM	EWT	LWT	ELEMENT	BTUH/ LIN. FT	REMARKS
FT-1	STERLING	JVB-S	WATER	180	160	4-1/4" x 3-5/8"	1120	3/4" DIA. COPPER TUBE, 50 FINS PER FOOT, 14" ENCLOSURE HEIGHT AT 18 GAUGE, STYLE 'S' ENCLOSURE WITH END CAPS AND MOUNTING HARDWARE.
FT-2	STERLING	JVB-E	WATER	180	160	4-1/4" x 3-5/8"	775	3/4" DIA. COPPER TUBE, 50 FINS PER FOOT, 6" ENCLOSURE HEIGHT AT 18 GAUGE, STYLE 'E' ENCLOSURE WITH END CAPS AND MOUNTING HARDWARE.
FT-3	STERLING	JVB-S	WATER	180	160	4-1/4" x 3-5/8"	1120	SAME FIN TUBE ELEMENT AS FT-1 LESS ENCLOSURE FOR INSTALLATION BEHIND CASEWORK OR IN EXISTING ENCLOSURES AS SHOWN ON PLANS, PERFORMANCE BASED ON 14" ENCLOSURE HEIGHT, 3/4" DIA. COPPER TUBE, 50 FINS PER FOOT.

AIR INLET/OUTLET SCHEDULE

SYMBOL	MANUFACTURER	MODEL	TYPE	USE	MATERIAL	FINISH	CFM	FACE SIZE (IN.)	NC	REMARKS
(A)	TITUS	50F	CEILING	R/A	ALUMINUM	WHITE	PER PLANS	PER PLANS	12	1/2" X 1/2" X 1/2" EGGCRATE CORE, SURFACE MOUNT FRAME W/ COUNTER SUNK SCREW HOLES.

FAN SCHEDULE

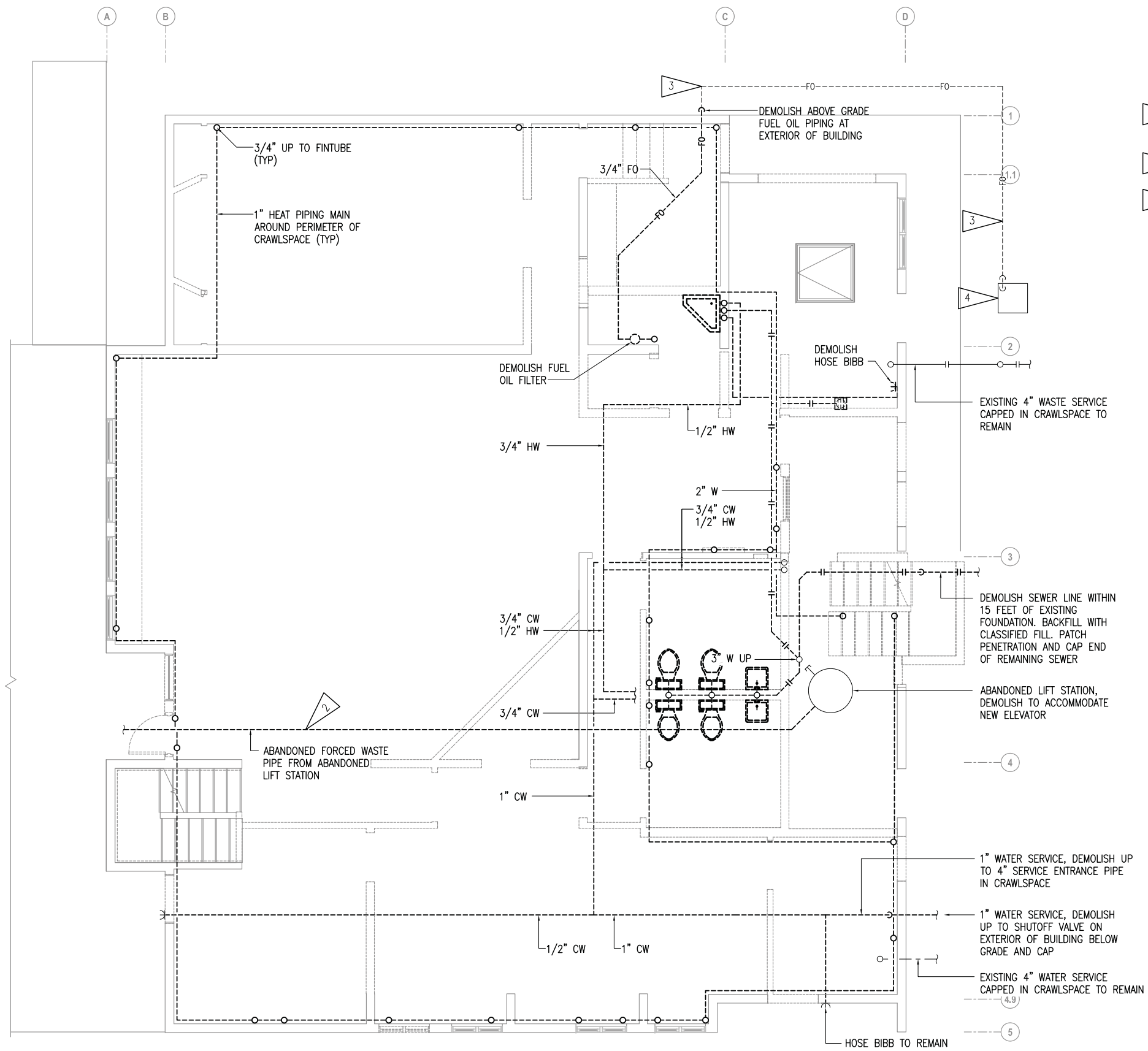
SYMBOL	MANUFACTURER	MODEL	TYPE	SERVICE	CFM	ESP		MOTOR DATA				REMARKS
						IN. W.C.	RPM	WATTS	POWER	DRIVE	SONES	
EF-1,2	PANASONIC	FV-11VQ5	CEILING	RESTROOM-1ST FLOOR	91	0.25	1161	20.7	120/1	DIRECT	0.5	SWITCH WITH LIGHTS, BACK DRAFT DAMPER AND WALL CAP.
EF-3	PANASONIC	FV-11VQ5	CEILING	RESTROOM-2ND FLOOR	91	0.25	1161	20.7	120/1	DIRECT	0.5	SWITCH WITH LIGHTS, BACKDRAFT DAMPER AND WALL CAP.
EF-4	PANASONIC	FV-08VQ5	CEILING	JANITOR	62	0.25	1089	14.5	120/1	DIRECT	0.4	SWITCH WITH LIGHTS, BACK DRAFT DAMPER AND WALL CAP.
VF-1	COOK	GN-182	INLINE	MECHANICAL	200	0.25	1297	162	120/1	DIRECT	4.5	INLINE FAN, SUPPORT FAN FROM STRUCTURE, PROVIDE WITH FAN SPEED CONTROLLER.

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Corporate No.: AECC542 RSA Job# L5251



DESIGNED: AWW	SUB SHEET NO. M002	TITLE OF SHEET SCHEDULES	DRAWING NO. 186
CADD: SR			80,040
TECH REVIEW: MRF			PMIS/PKG NO. 184638
DATE: 2016.09.28			SHEET 41 OF 73

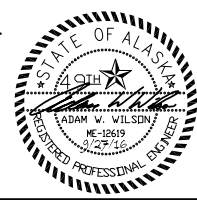
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK



SHEET NOTES:

1. DEMOLISH ALL PIPING IN CRAWLSPACE.
2. DEMOLISH ABANDONED FORCED MAIN PIPE FROM ABANDONED LIFT STATION TO EXIT POINT THROUGH CRAWLSPACE WALL. CAP PIPE AT CRAWLSPACE WALL AND ABANDONED LIFT STATION.
3. DEMOLISH BELOW GRADE FUEL OIL PIPING FROM BUILDING TO FUEL OIL STORAGE TANK.
4. SALVAGE AND STORE ABOVE GRADE 500 GALLON FUEL OIL STORAGE TANK FOR REINSTALLATION IN REMODEL.

1 CRAWLSPACE AND BELOW GRADE DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



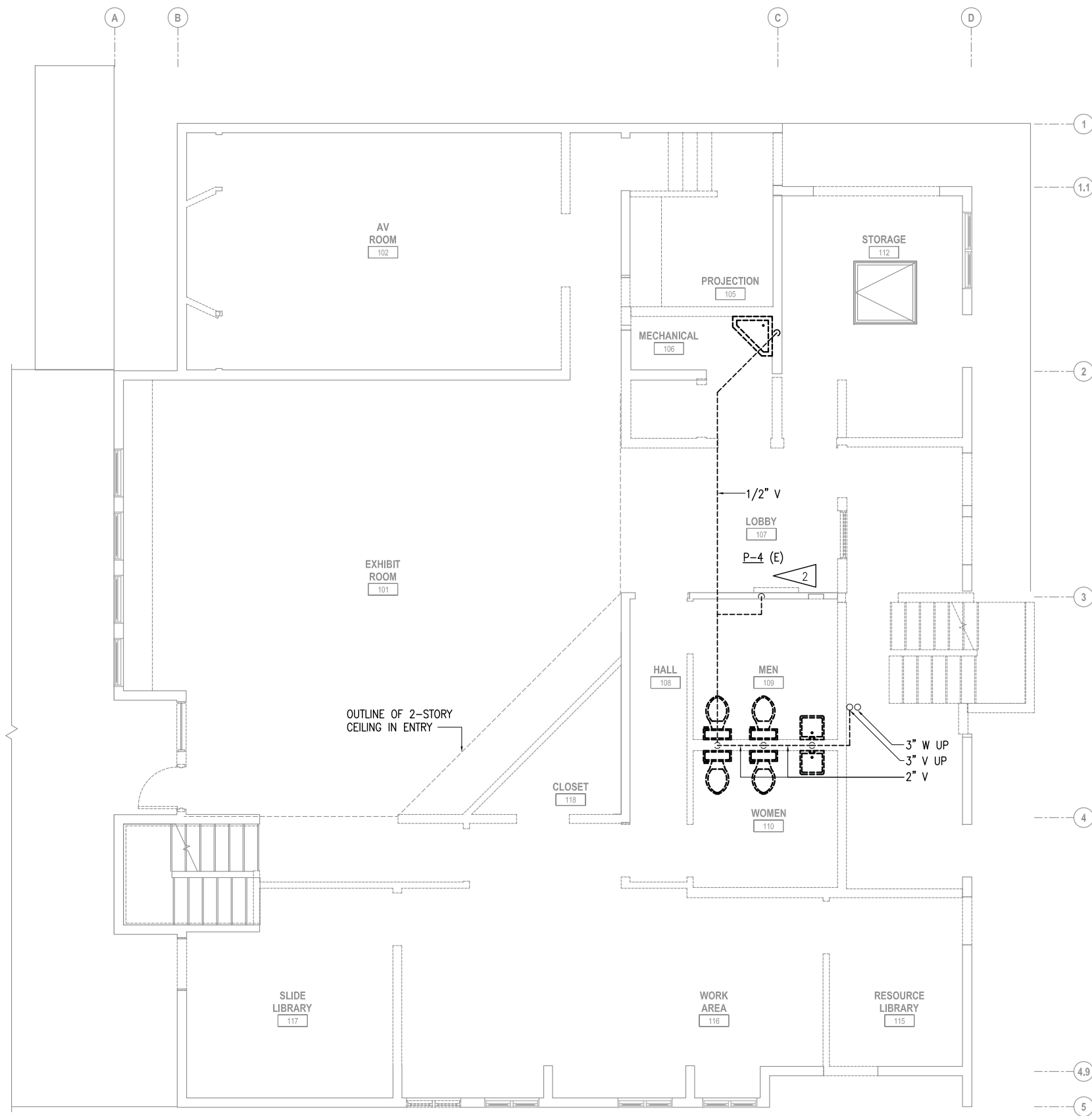
DESIGNED:
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DATE:
2016.09.28

SUB SHEET NO.
M101

TITLE OF SHEET
**CRAWLSPACE
DEMOLITION PLAN**
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

DRAWING NO.
**186
80,040**
PMIS/PKG NO.
184638
SHEET
42 OF 73

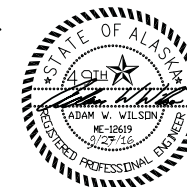
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SHEET NOTES:

1. DEMOLISH ALL PLUMBING FIXTURES AND DOMESTIC WATER PIPING THROUGHOUT FIRST FLOOR, UNLESS OTHERWISE NOTED.
2. SALVAGE AND STORE DRINKING FOUNTAIN AND BOTTLE FILL STATION FOR REINSTALLATION IN REMODEL. DEMOLISH ALL ASSOCIATED PIPING.

1 FIRST FLOOR PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



DESIGNED:
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TECH REVIEW:
MRF
DATE:
2016.09.28

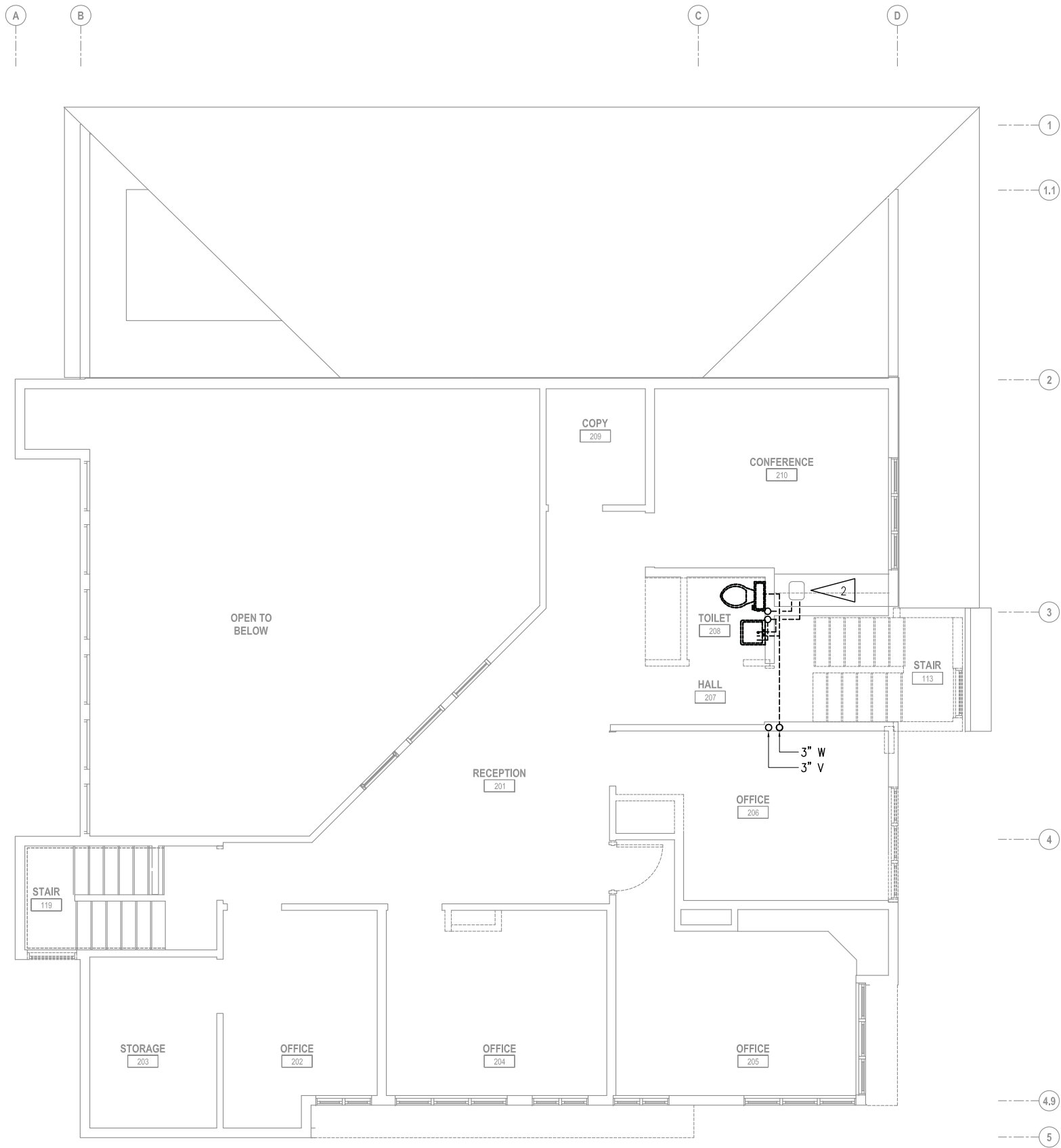
SUB SHEET NO.
M102

TITLE OF SHEET
FIRST FLOOR PLUMBING DEMOLITION PLAN

SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

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Corporate No.: AECC542 RSA Job# L5251

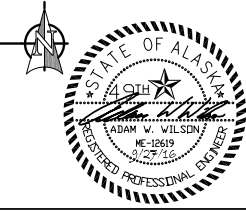
DRAWING NO.
186
80,040
PMIS/PKG NO.
184638
SHEET
43 OF **73**



SHEET NOTES:

1. DEMOLISHING ALL PLUMBING FIXTURES AND DOMESTIC WATER PIPING THROUGHOUT SECOND FLOOR, UNLESS OTHERWISE NOTED.
2. CONFERENCE 210 COUNTER MOUNTED SINK SHALL REMAIN. DEMOLISH ALL ASSOCIATED PIPING.

1 SECOND FLOOR PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



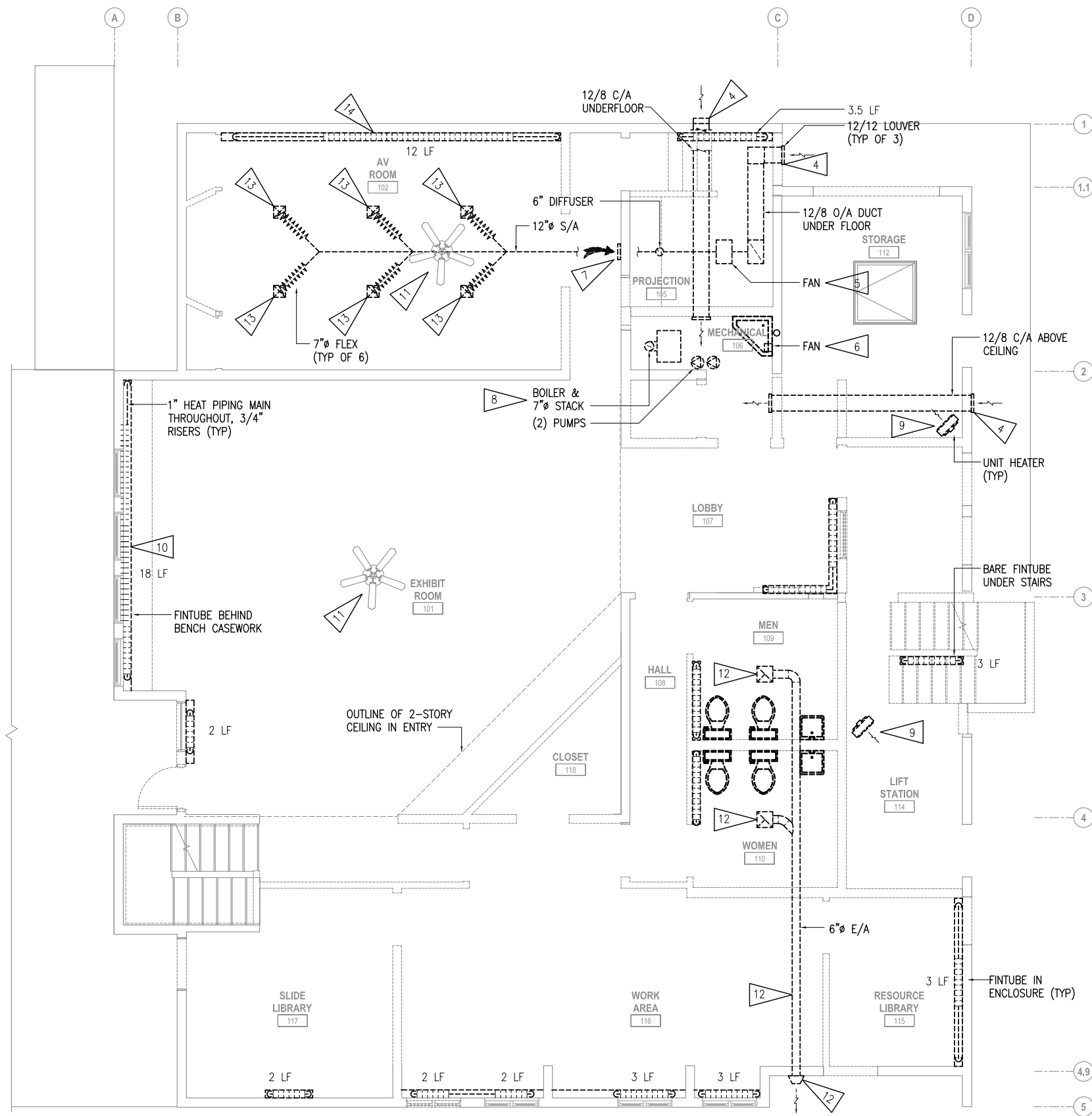
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DATE:
2016.09.28

SUB SHEET NO.
M103

TITLE OF SHEET
SECOND FLOOR PLUMBING DEMOLITION PLAN
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

DRAWING NO.
186
80,040
PMIS/PKG NO.
184638
SHEET
44 OF 73

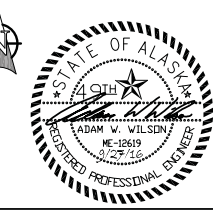
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SHEET NOTES:

1. DEMOLISH ALL HEATING EQUIPMENT INCLUDING BASEBOARD FINRTUBE AND ENCLOSURES, PIPING, SELF CONTAINED THERMOSTATIC ZONE VALVE (TYP OF APPROX. 13), HANGERS AND ALL ASSOCIATED EQUIPMENT.
2. HEATING PIPING FOR FIRST FLOOR IS INSTALLED IN CRAWLSPACE, SEE M101.
3. DEMOLISH ALL DUCTWORK INCLUDING S/A IN ATTIC ABOVE THEATER, O/A AND R/A AND C/A UNDER PROJECTION ROOM FLOOR, AND C/A ABOVE STORAGE ROOM. DEMOLISH ALL S/A DIFFUSERS (TYP OF 7).
4. DEMOLISH LOUVER ON EXTERIOR OF BUILDING AND PATCH OPENING. COORDINATE WITH ARCHITECTURAL, TYP OF 3.
5. DEMOLISH VENTILATION FAN IN PROJECTION ROOM AND ALL ASSOCIATED CONTROLS AND APPURTENANCES.
6. DEMOLISH VENTILATION FAN IN MECHANICAL 106 AND ALL ASSOCIATED CONTROLS AND APPURTENANCES.
7. DEMOLISH R/A GRILLE AT BACK WALL OF THEATER.
8. DEMOLISH BOILER PLANT INCLUDING BOILER, BOILER VENT, (2) CIRCULATION PUMPS, CONTROLS, PIPING AND APPURTENANCES.
9. DEMOLISH UNIT HEATER AND ALL ASSOCIATED CONTROLS AND APPURTENANCES (TYP OF 2).
10. DEMOLISH FINRTUBE BEHIND BENCH AND BENCHTOP GRILLES.
11. DEMOLISH CEILING FAN IN AV ROOM 102 AND EXHIBIT ROOM 101.
12. DEMOLISH BATHROOM EXHAUST FANS AND ASSOCIATED DUCTWORK AND EXTERIOR WALL CAP. DUCTWORK SIZE AND LOCATION IS ASSUMED BASED ON EXISTING CONDITIONS. CONTRACTOR TO VERIFY.
13. REMOVE 9/9 DIFFUSER IN THEATER CEILING AND STORE FOR REINSTALLATION IN REMODEL (TYP OF 6).
14. IN THEATER DEMOLISH HEATING FINRTUBE, PIPING, SELF-CONTAINED THERMOSTATIC ZONE VALVE, HANGER AND ALL ASSOCIATED EQUIPMENT. ALL ENCLOSURES SHALL BE SALVAGED FOR REUSE IN REMODEL.

1 FIRST FLOOR HVAC DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



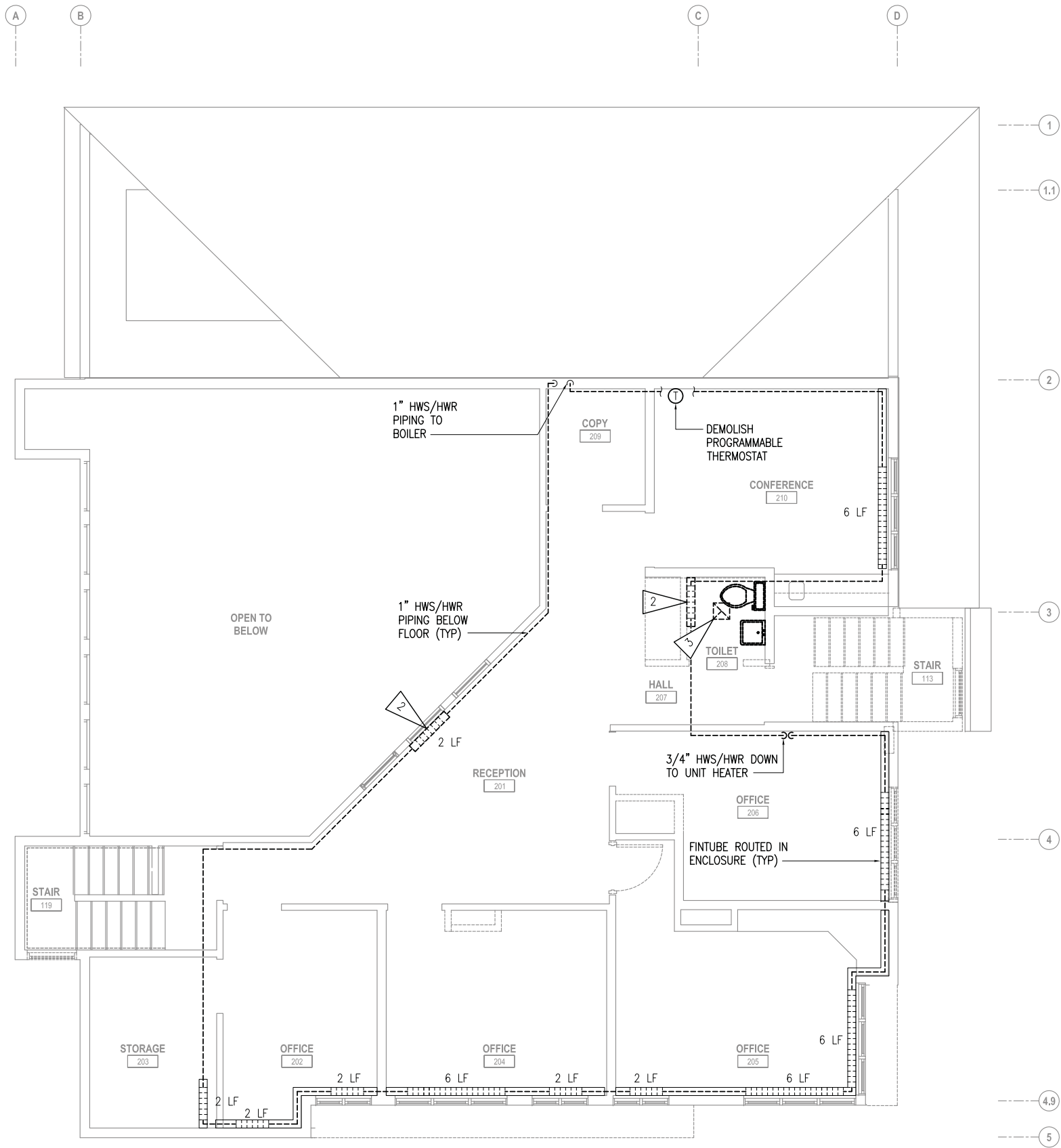
DESIGNED:
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MRF
DATE:
2016.09.28

SUB SHEET NO.
M104

TITLE OF SHEET
FIRST FLOOR HVAC DEMOLITION PLAN
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

DRAWING NO.
186
80,040
PMIS/PKG NO.
184638
SHEET
45 OF 73

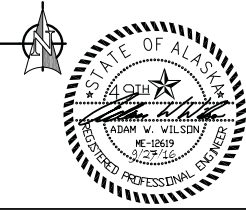
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Corporate No.: AECC542 RSA Job# L5251



SHEET NOTES:

1. DEMOLISH ALL HEATING FIN TUBE, PIPING, SELF CONTAINED THERMOSTATIC ZONE VALVE (TYP OF APPROX. 13), HANGERS AND ALL ASSOCIATED EQUIPMENT. ALL ENCLOSURES SHALL BE SALVAGED FOR REUSE IN REMODEL UNLESS OTHERWISE NOTED.
2. DEMOLISH FIN TUBE ENCLOSURE.
3. DEMOLISH CEILING MOUNTED EXHAUST FAN/LIGHT AND ASSOCIATED DUCTWORK. DUCTWORK IS ASSUMED TO TERMINATE IN ATTIC BASED ON EXISTING CONDITIONS. CONTRACTOR TO VERIFY.

1 SECOND FLOOR HVAC DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



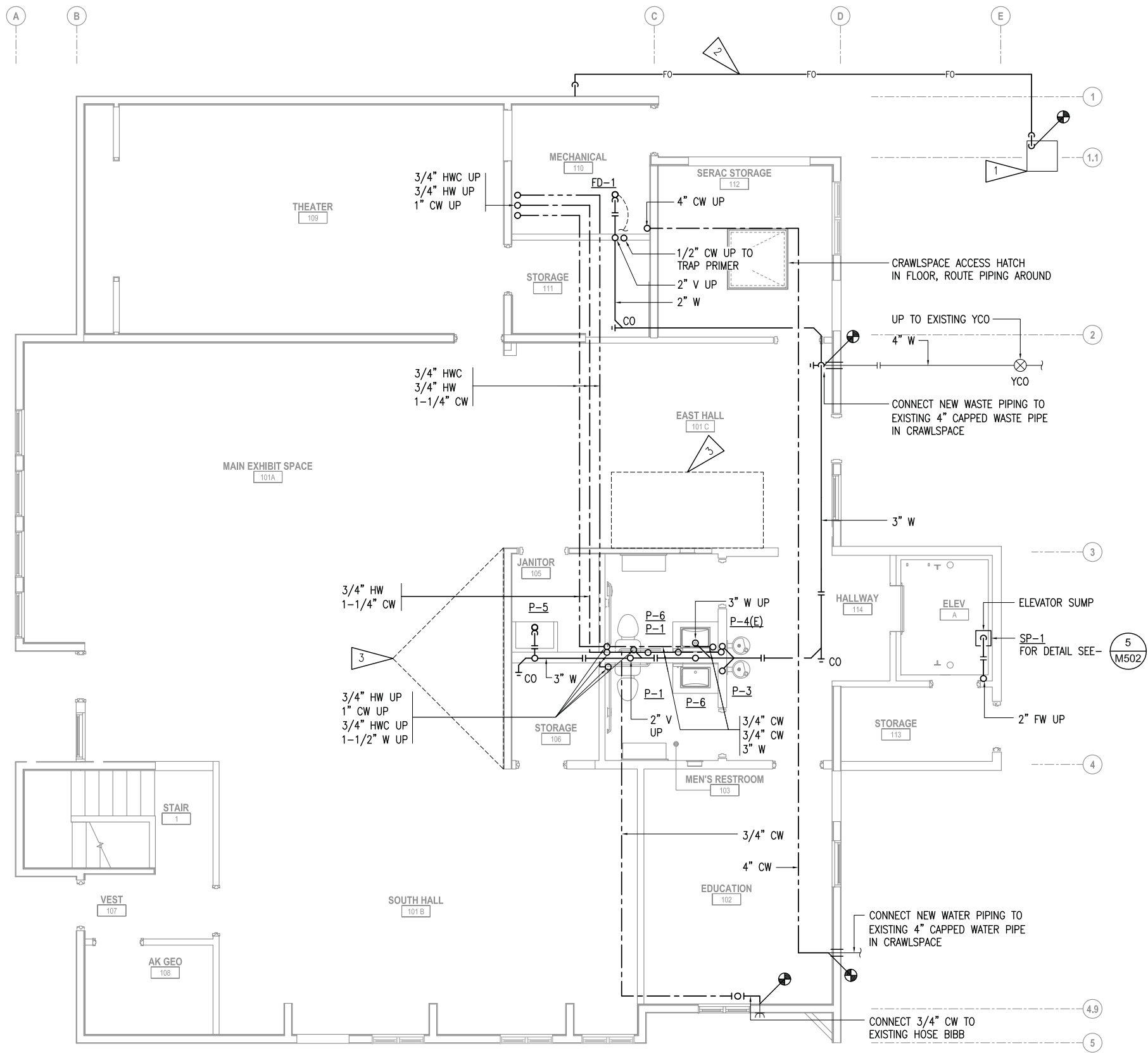
DESIGNED:
AWW
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TECH REVIEW:
MRF
DATE:
2016.09.28

SUB SHEET NO.
M105

TITLE OF SHEET
SECOND FLOOR HVAC DEMOLITION PLAN
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

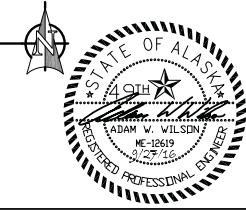
DRAWING NO.
186
80,040
PMIS/PKG NO.
184638
SHEET
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- SHEET NOTES:**
- 1 REINSTALL SALVAGED FUEL OIL STORAGE TANK. COORDINATE EXACT LOCATION WITH SITE PLAN. FOR DETAIL SEE - (8) M501
 - 2 INSTALL NEW DOUBLE CONTAINMENT PIPE BELOW GRADE FOR FUEL OIL TRANSFER BETWEEN THE FUEL OIL STORAGE TANK AND BUILDING. FOR PIPE TERMINATION DETAILS AT BUILDING AND FUEL OIL STORAGE TANK SEE - (2) M501
 - 3 THIS AREA RESERVED FOR FLOOR-RECESSED MUSEUM DISPLAY. DO NOT ROUTE PIPING IN THIS AREA. SEE ARCHITECTURAL AND STRUCTURAL FOR EXACT LOCATIONS.

1 CRAWLSPACE AND BELOW GRADE PLUMBING REMODEL PLAN
 SCALE: 1/4" = 1'-0"



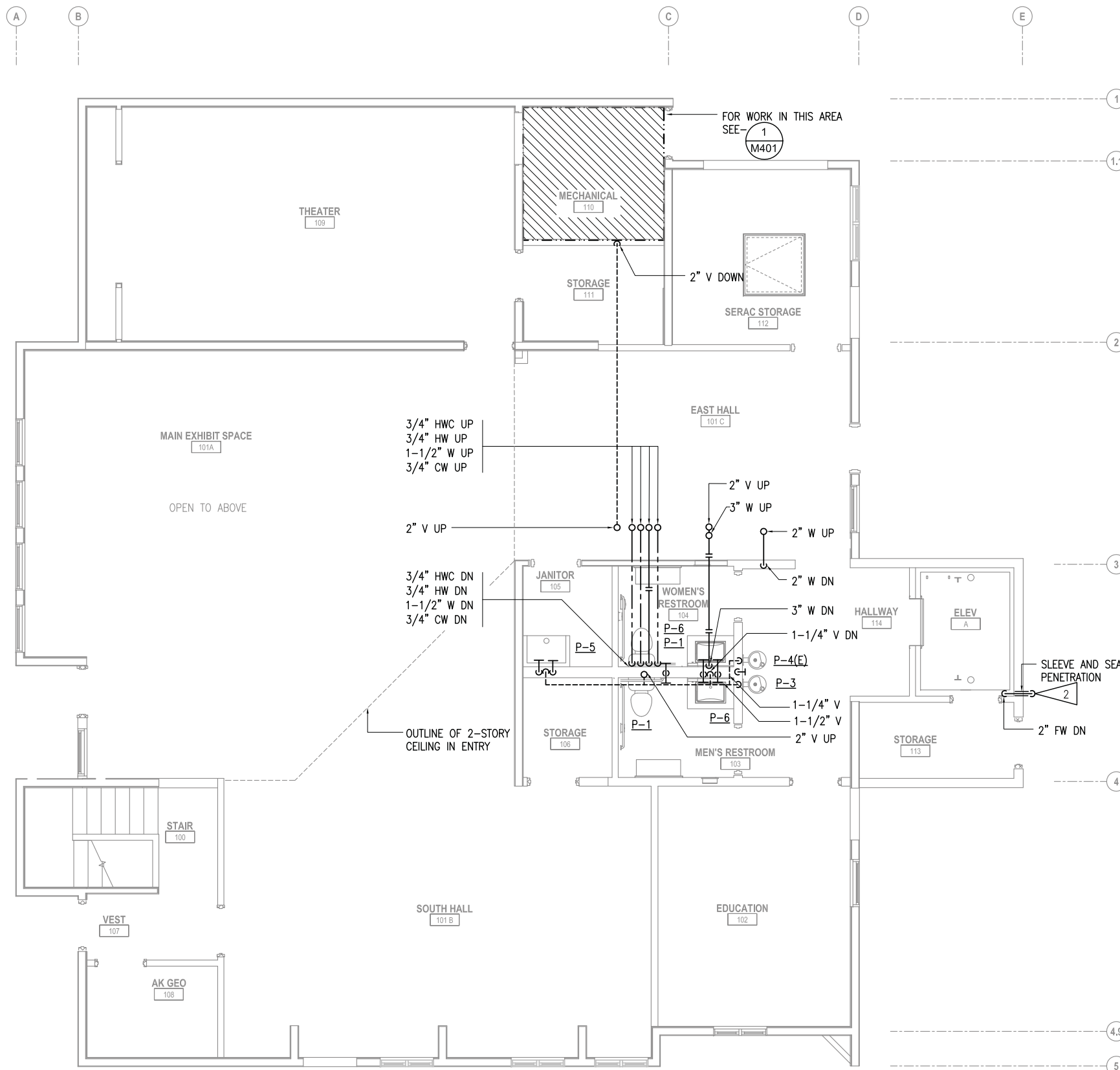
DESIGNED:
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 CADD:
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 TECH REVIEW:
MRF
 DATE:
2016.09.28

SUB SHEET NO.
M201

TITLE OF SHEET
FIRST FLOOR UNDER FLOOR PLUMBING REMODEL PLAN
 SEWARD VISITOR CENTER REHAB
 KENAI FJORDS NATIONAL PARK

DRAWING NO.
186
 80,040
 PMIS/PKG NO.
184638
 SHEET
 47 OF 73

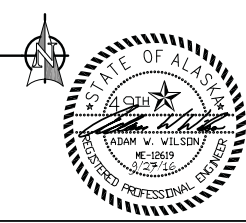
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 Corporate No.: AECC542 RSA Job# L5251



SHEET NOTES:

1. ROUTE PIPING IN CEILING BETWEEN EXISTING JOISTS. SEE STRUCTURAL.
2. ELEVATOR PIT DISCHARGE OUTLET 36" ABOVE GRADE. INSTALL BRONZE OUTLET SPOUT ON WALL AT TERMINATION. INSTALL PLACARD ABOVE OUTLET THAT READS, "ELEVATOR SUMP PUMP DISCHARGE."

1 FIRST FLOOR PLUMBING REMODEL PLAN
SCALE: 1/4" = 1'-0"



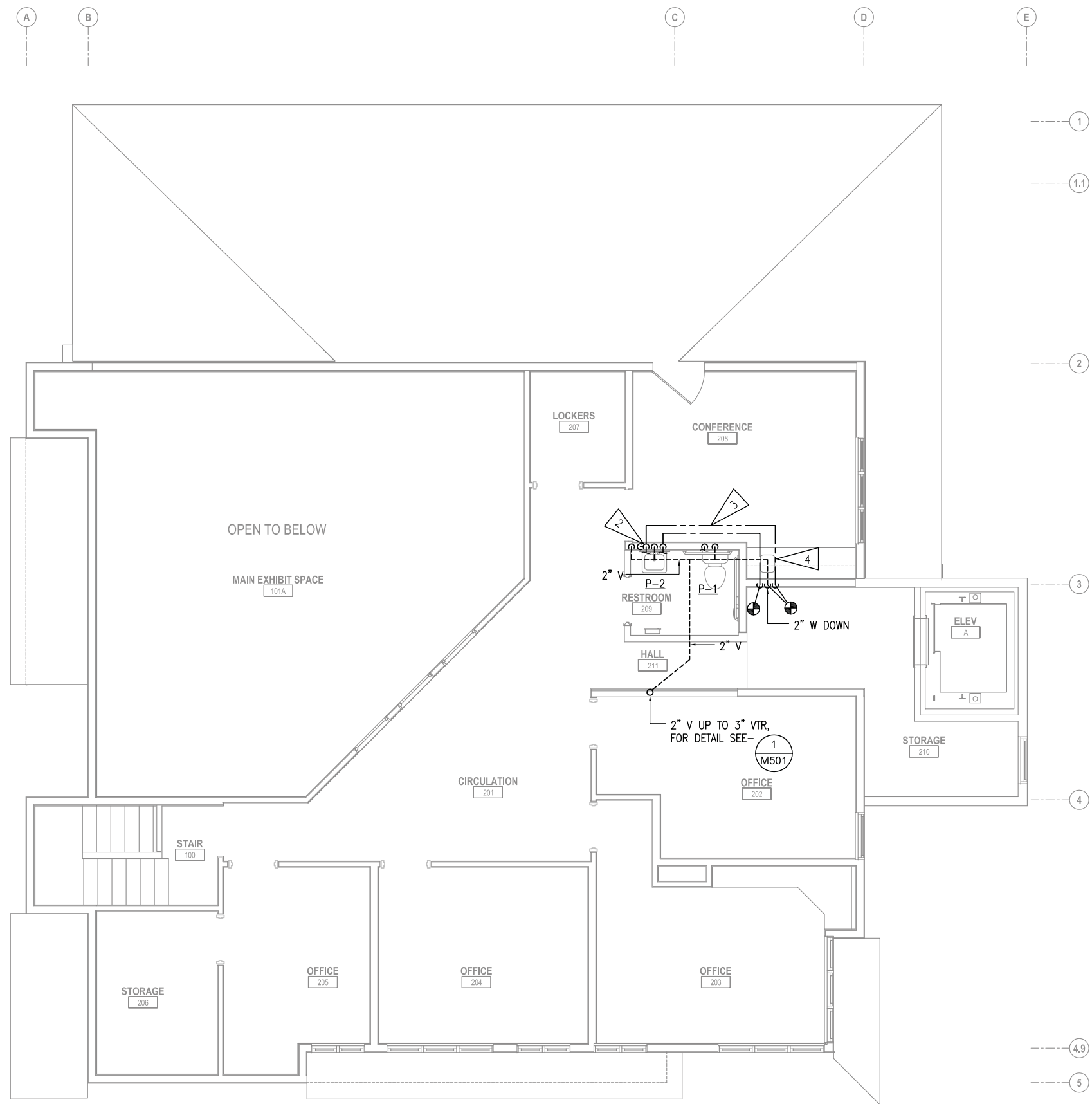
DESIGNED:
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MRF
DATE:
2016.09.28

SUB SHEET NO.
M202

TITLE OF SHEET
FIRST FLOOR ABOVE FLOOR PLUMBING REMODEL PLAN
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

DRAWING NO.
186
80,040
PMIS/PKG NO.
184638
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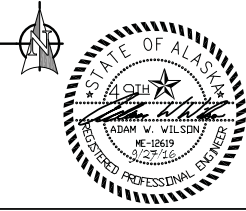
RSA ENGINEERING, INC.
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SHEET NOTES:

1. ROUTE HORIZONTAL RUNS OF VENT PIPING IN ATTIC.
2. CONNECT HOT WATER RECIRCULATION PIPE TO LAVATORY HOT WATER PIPE IN WALL.
3. ROUTE CW/HW PIPING IN WALL TO EXISTING SINK, SHOWN OFFSET FOR CLARITY.
4. CONNECT NEW 1/2" CW, 1/2" HW, 2" W AND 1-1/4" V TO EXISTING SINK IN CONFERENCE 208. PROVIDE ANGLE STOPS AT WALL FOR WATER PIPING. INSTALL A POINT OF USE ASSE 1070 THERMOSTATIC MIXING VALVE ON THE HOT WATER SUPPLY TO THE SINK. WATTS MODEL LFMMV OR APPROVED EQUAL.

1 SECOND FLOOR PLUMBING REMODEL PLAN
SCALE: 1/4" = 1'-0"



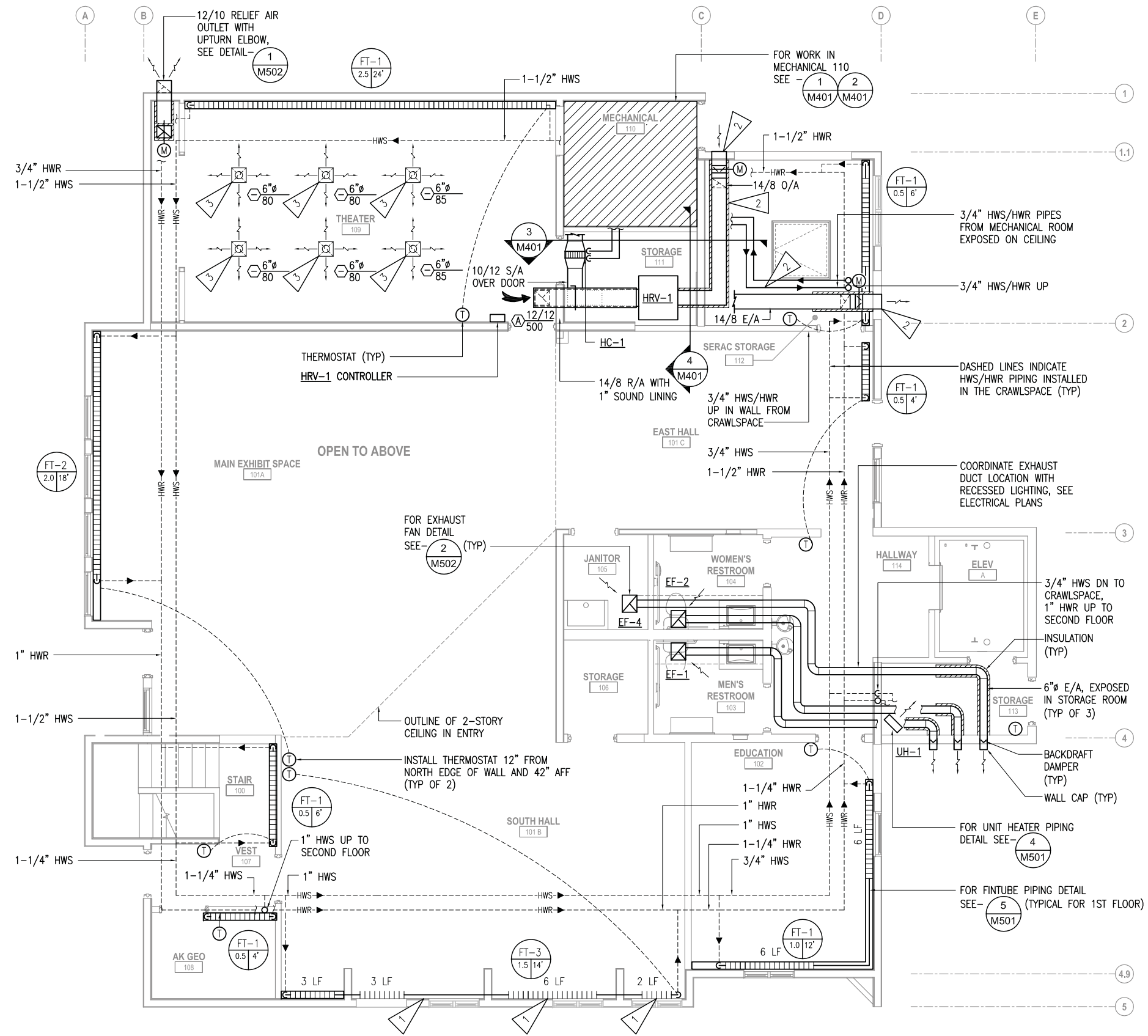
DESIGNED:
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TECH REVIEW:
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DATE:
2016.09.28

SUB SHEET NO.
M203

TITLE OF SHEET
SECOND FLOOR ABOVE FLOOR PLUMBING REMODEL PLAN
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

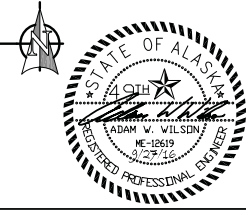
DRAWING NO.
186
80,040
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184638
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- SHEET NOTES:**
- INSTALL BARE FINTUBE BEHIND CASEWORK. GRILLE IN CASEWORK COUNTER TOP TO BE PROVIDED AND INSTALLED BY EXHIBIT FABRICATOR, FOR DETAIL SEE - 6 M501
 - INSTALL O/A AND E/A DUCT EXPOSED ON SERAC STORAGE 112 CEILING. TERMINATE THROUGH EXTERIOR WALL UNDER EXTERIOR OVERHANG AND COVER INLET WITH 3/4\" BIRDSCREEN. SLEEVE AND SEAL WALL PENETRATION.
 - CLEAN 9/9 S/A DIFFUSERS AND REINSTALL IN THEATER 109 CEILING. CONNECT TO NEW DUCTWORK IN ATTIC. (TYP OF 6)

1 FIRST FLOOR HVAC REMODEL PLAN
SCALE: 1/4" = 1'-0"



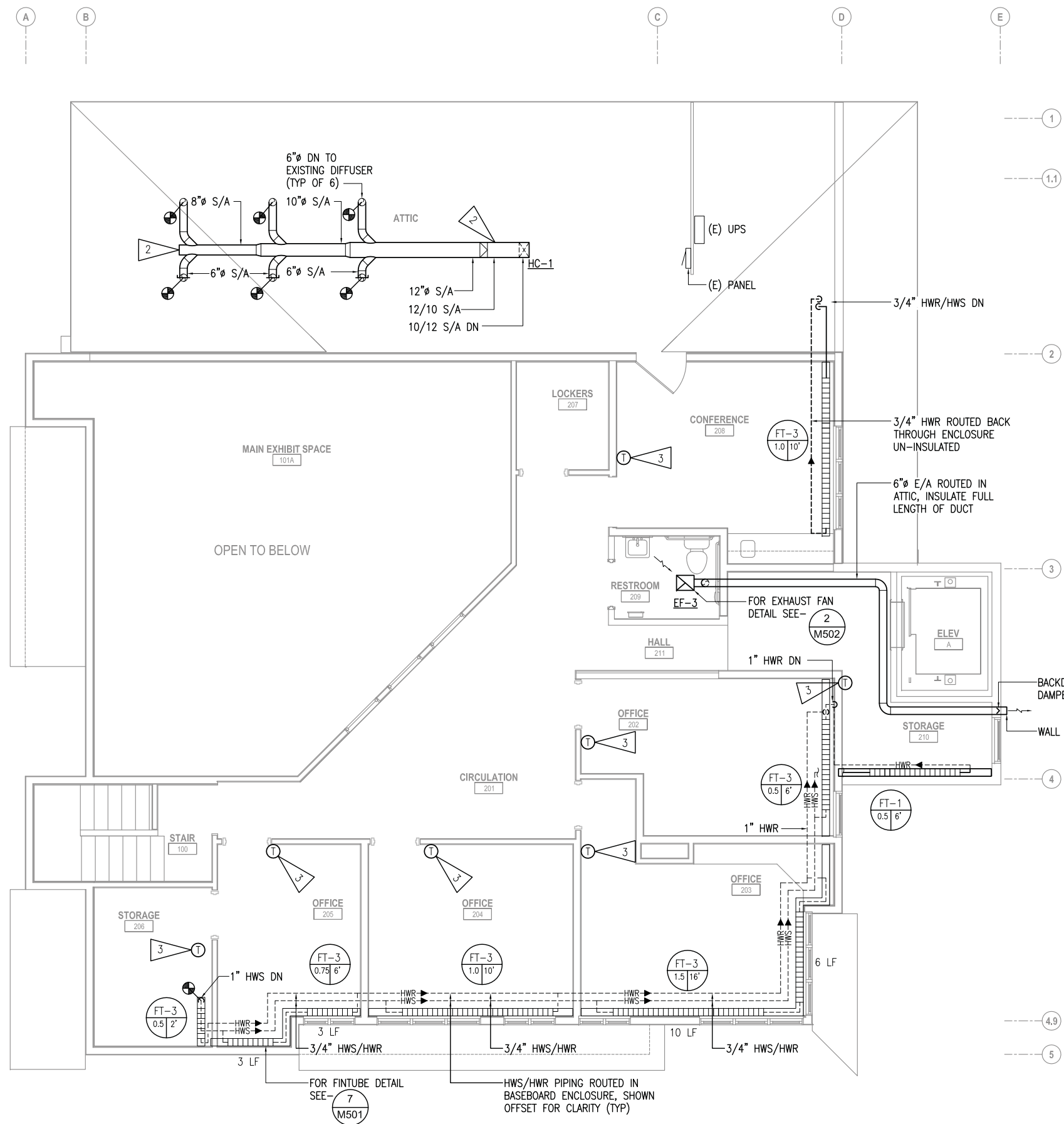
DESIGNED: AWW
CADD: SR
TECH REVIEW: MRF
DATE: 2016.09.28

SUB SHEET NO. **M301**

TITLE OF SHEET
FIRST FLOOR HVAC REMODEL PLAN
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

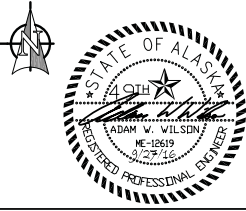
DRAWING NO. 186
80,040
PMIS/PKG NO. 184638
SHEET 50 OF 73

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- SHEET NOTES:**
- ALL BASEBOARD ENCLOSURES ON SECOND FLOOR ARE EXISTING TO BE REUSED. PROVIDE NEW FIN TUBE INSIDE EXISTING ENCLOSURES. FIN TUBE SHALL BE THE SAME AS NEW TYPE FT-1. HEATING WATER SUPPLY AND RETURN PIPING FOR ROOMS 202-206 IS ROUTED THROUGH THE BASEBOARD ENCLOSURE. FOR A TYPICAL DETAIL OF THIS INSTALLATION SEE - 7
M501
 - INSTALL S/A DUCT IN CENTER OF ATTIC TO RETAIN ACCESS TO THEATER ATTIC.
 - INSTALL THERMOSTAT CONTROL WIRING DOWN IN WALL AND UNDER FLOOR TO BASEBOARD. NO PORTIONS OF THE SECOND FLOOR CEILING SHALL BE DEMOLISHED TO INSTALL CONTROL WIRING.

1 SECOND FLOOR HVAC REMODEL PLAN
SCALE: 1/4" = 1'-0"



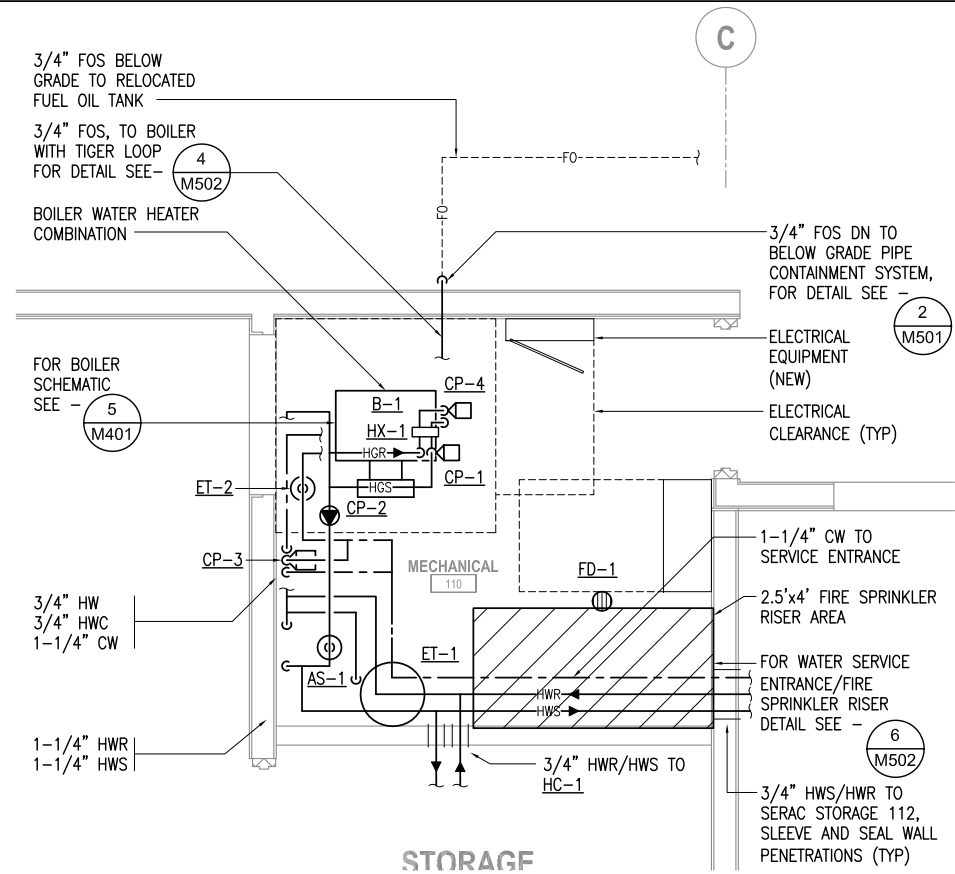
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2016.09.28

SUB SHEET NO.
M302

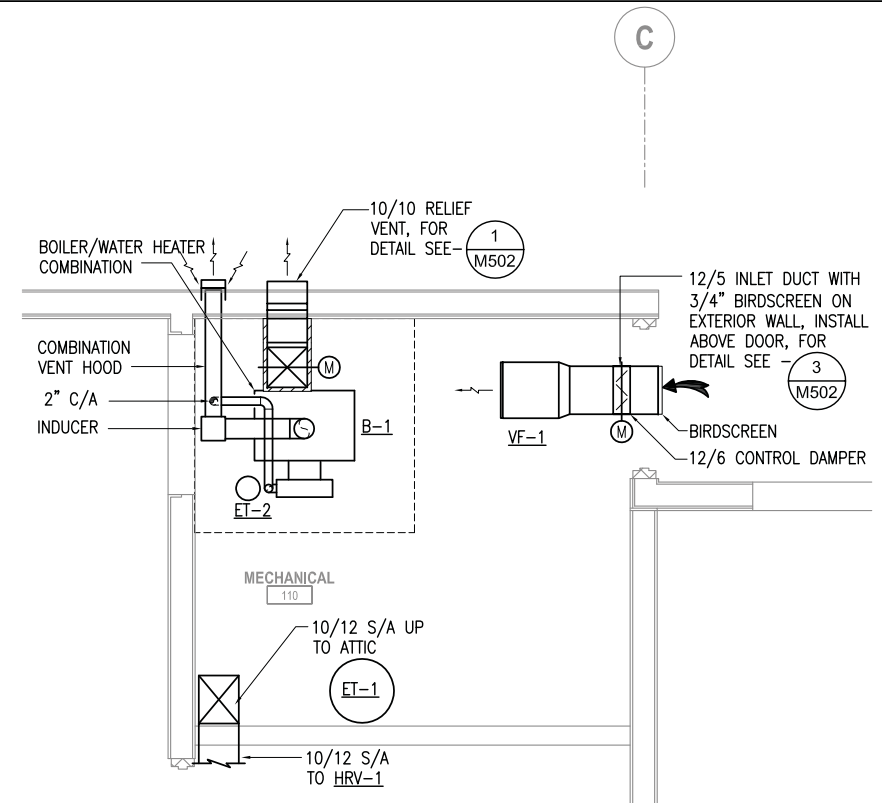
TITLE OF SHEET
SECOND FLOOR HVAC REMODEL PLAN
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

DRAWING NO.
186
80,040
PMIS/PKG NO.
184638
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51 OF 73

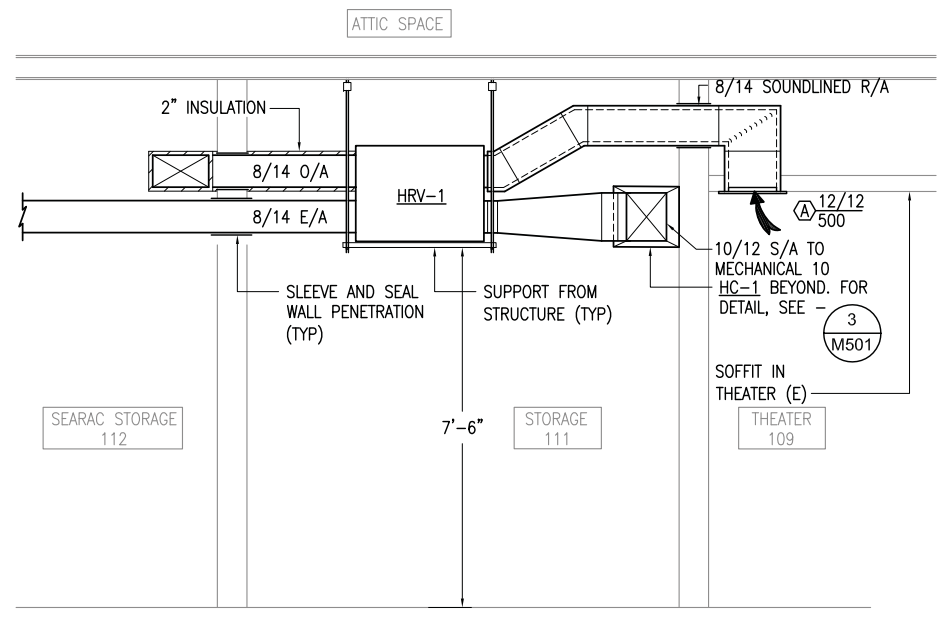
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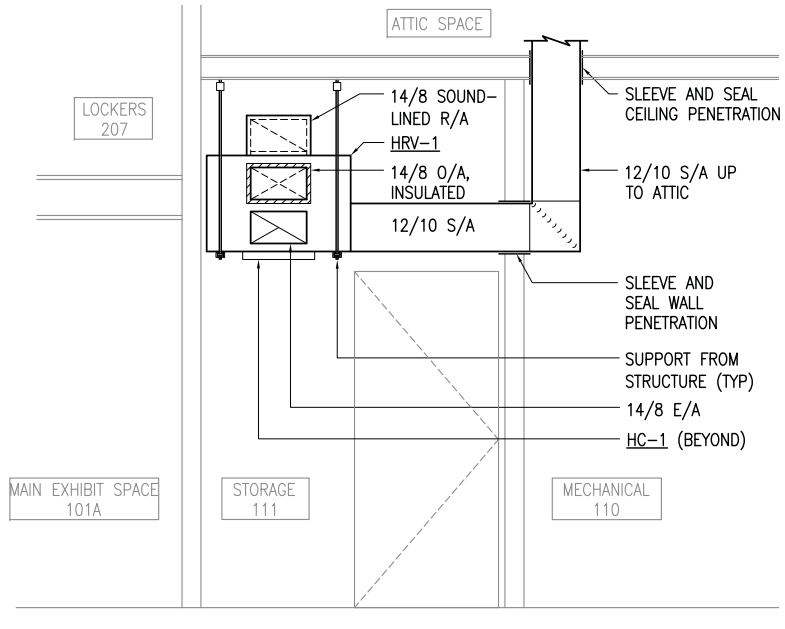
1 ENLARGED MECHANICAL ROOM PIPING PLAN
1/2" = 1'-0"



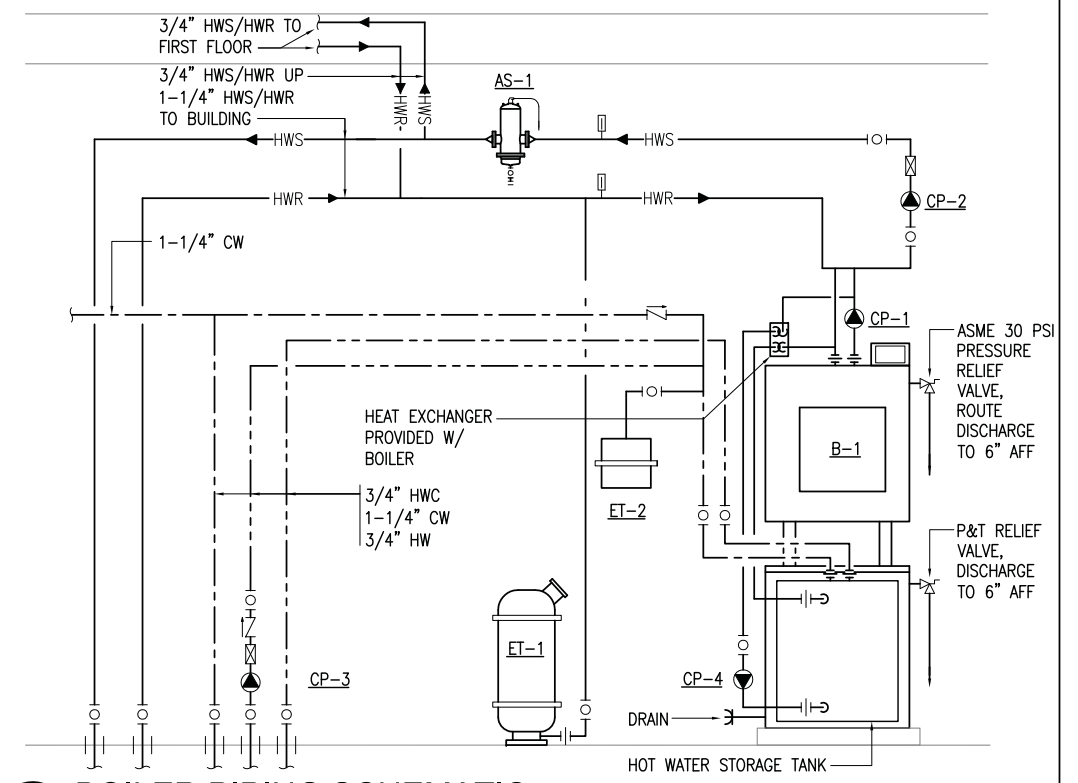
2 ENLARGED MECHANICAL ROOM VENTILATION PLAN
1/2" = 1'-0"



3 HRV SECTION
SCALE: 1/2" = 1'-0"

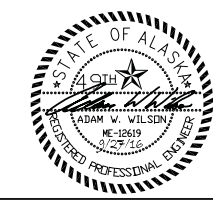


4 HRV SECTION
SCALE: 1/2" = 1'-0"



5 BOILER PIPING SCHEMATIC
NO SCALE

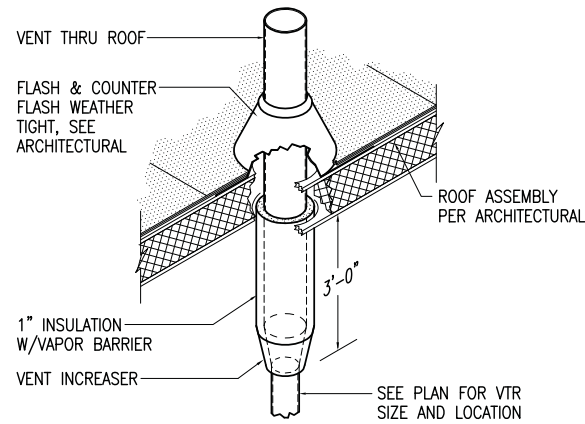
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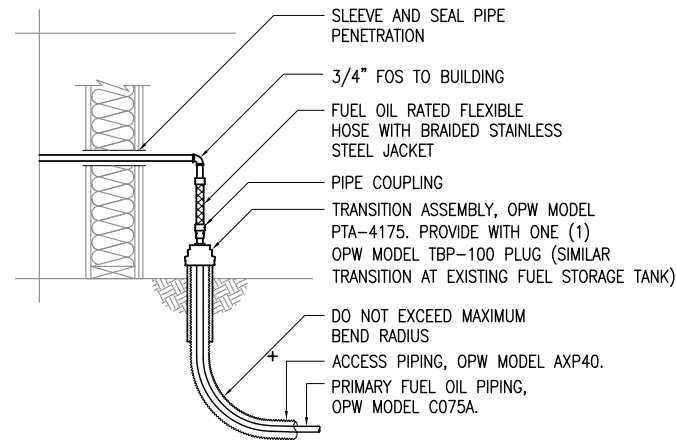
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CADD: SR	
TECH REVIEW: MRF	
DATE: 2016.09.28	

TITLE OF SHEET MECHANICAL PLANS AND SCHEMATICS	
SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	

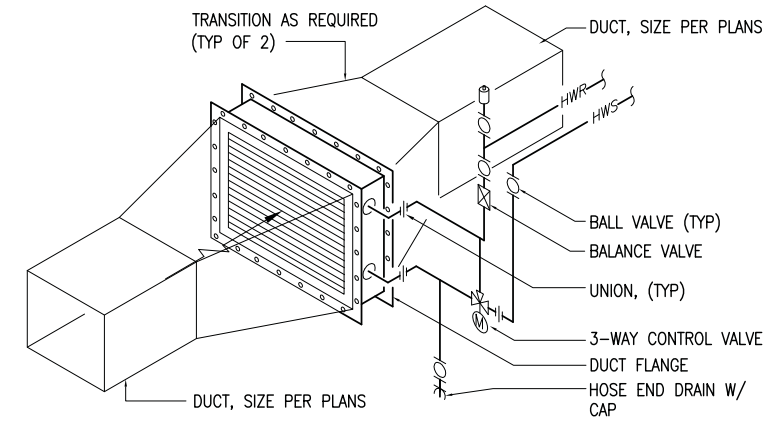
DRAWING NO. 186
80,040
PMIS/PKG NO. 184638
SHEET 52 OF 73



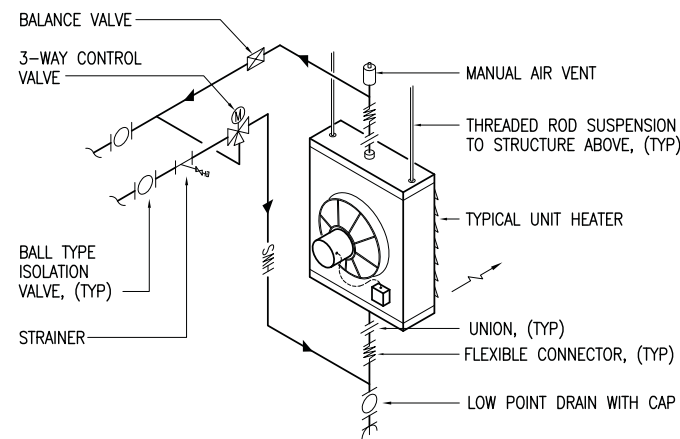
1 VENT THROUGH ROOF DETAIL
NO SCALE



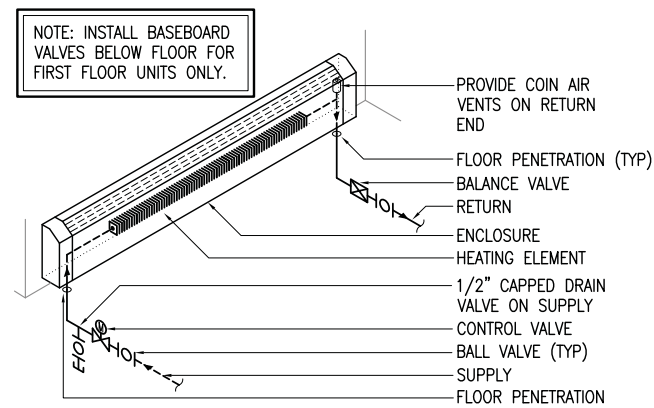
2 FUEL OIL PIPE SYSTEM DETAIL
NO SCALE



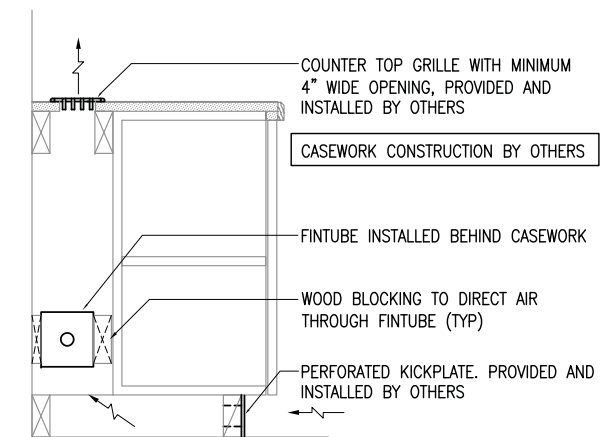
3 DUCT MOUNTED HEATING COIL DETAIL
NO SCALE



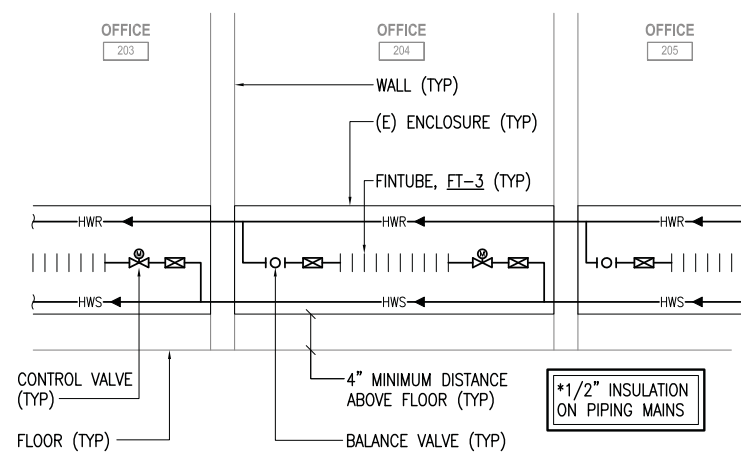
4 UNIT HEATER DETAIL
NO SCALE



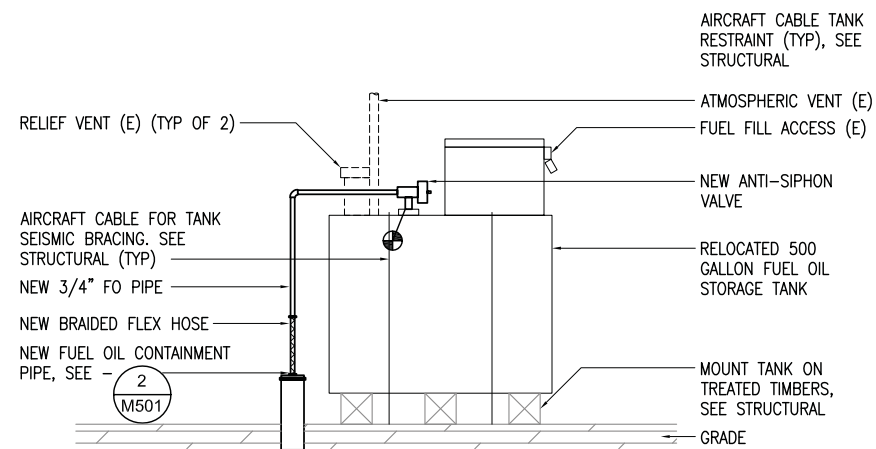
5 FINITUBE PIPING DETAIL-1ST FLOOR
NO SCALE



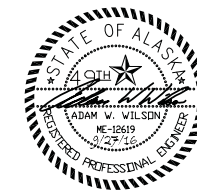
6 FINITUBE CASEWORK DETAIL
NO SCALE



7 FINITUBE PIPING DETAIL-2ND FLOOR
NO SCALE

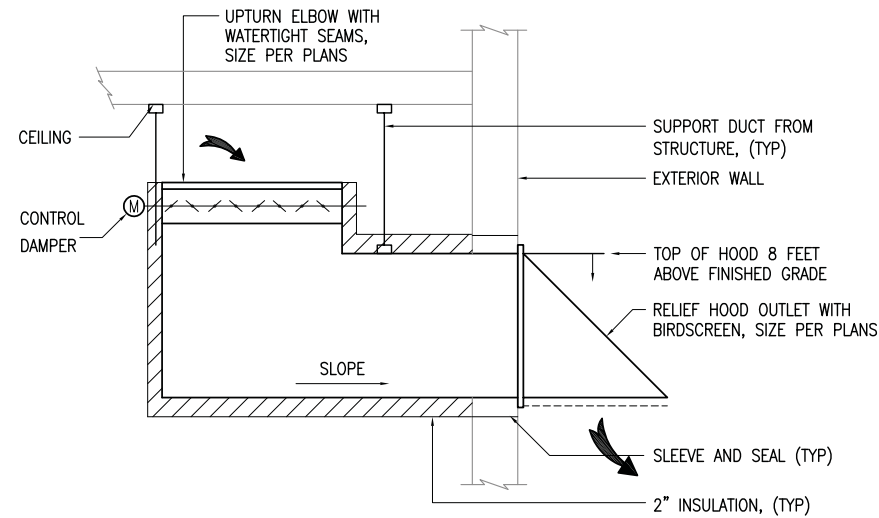


8 FUEL STORAGE TANK PIPING DETAIL
NO SCALE

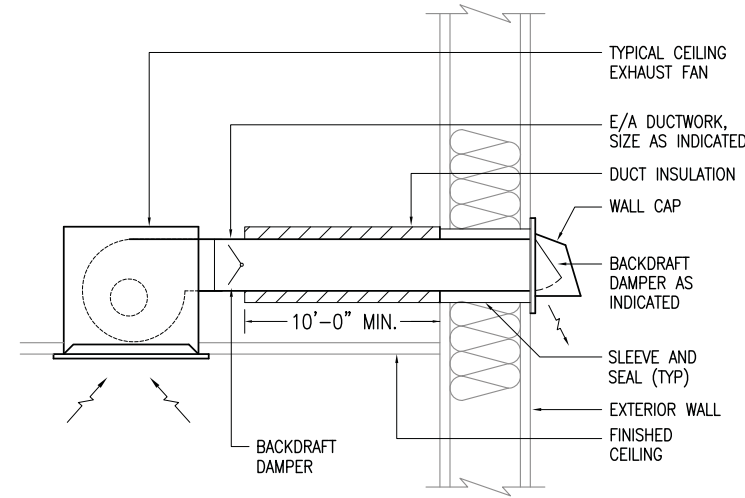


DESIGNED: AWW	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
CADD: SR	M501	MECHANICAL DETAILS	186
TECH REVIEW: MRF			80,040
DATE: 2016.09.28		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	PMIS/PKG NO. 184638
			SHEET 53 OF 73

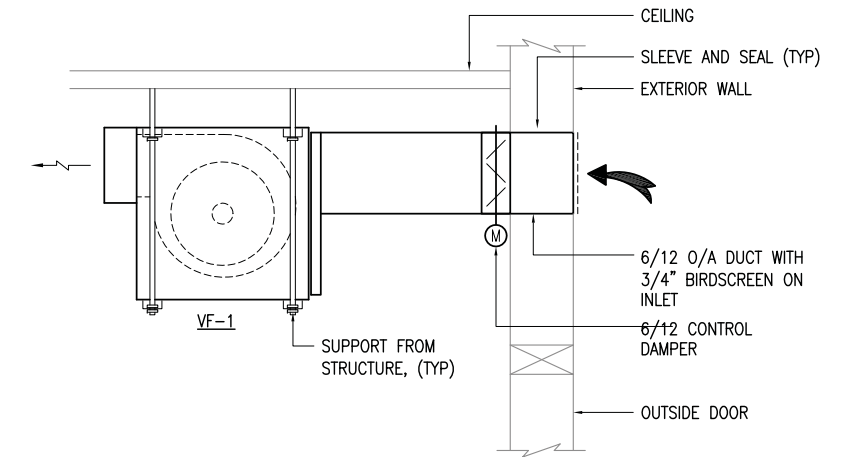
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670 West Fireweed Lane, Suite 200 - Anchorage, AK 99503 - (907) 276-0521
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Corporate No.: AECC542 RSA Job# L5251



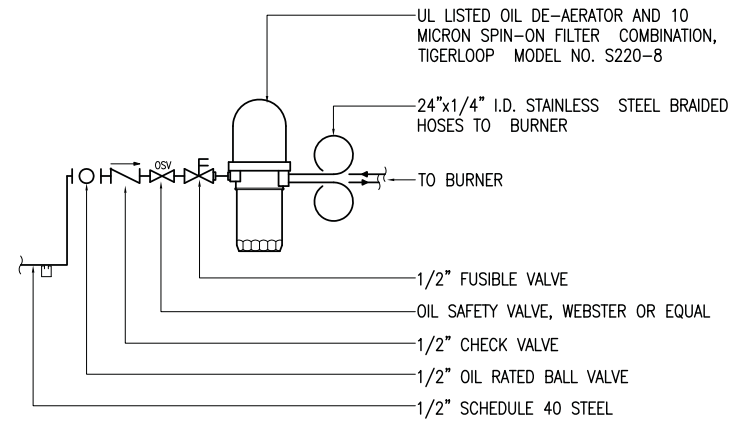
1 RELIEF AIR DUCT DETAIL
NO SCALE



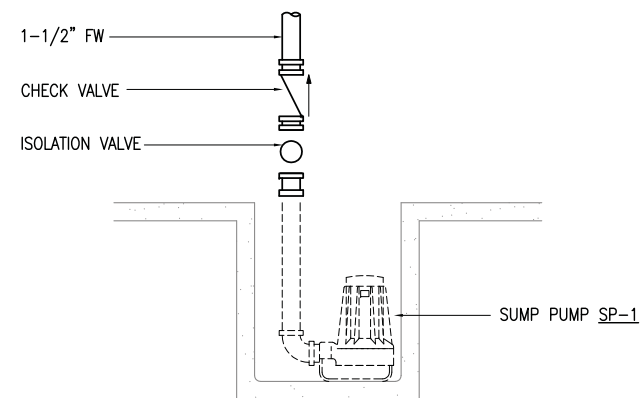
2 CEILING MOUNTED EXHAUST FAN
NO SCALE



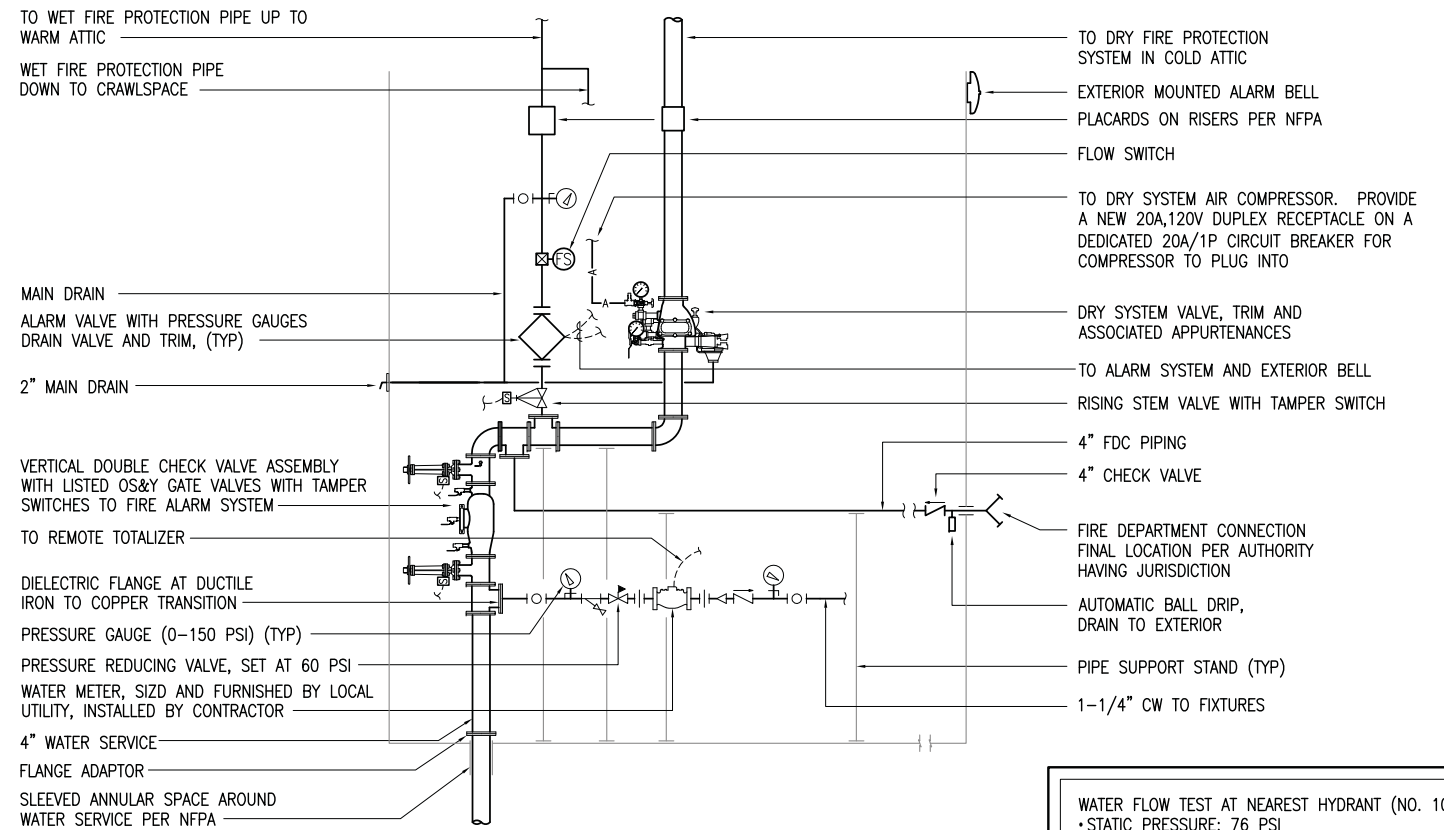
3 VF-1 DETAIL
NO SCALE



4 TIGER LOOP DETAIL
NO SCALE



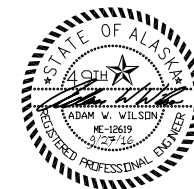
5 ELEVATOR SUMP PUMP DETAIL
NO SCALE



6 WATER SERVICE ENTRANCE/FIRE SPRINKLER RISER DETAIL
NO SCALE

WATER FLOW TEST AT NEAREST HYDRANT (NO. 104)
 • STATIC PRESSURE: 76 PSI
 • FLOW & RESIDUAL PRESSURE: 5,625 GPM @ 20 PSI
 • BUILDING REQUIRED FLOW (APPROX.): 260 GPM

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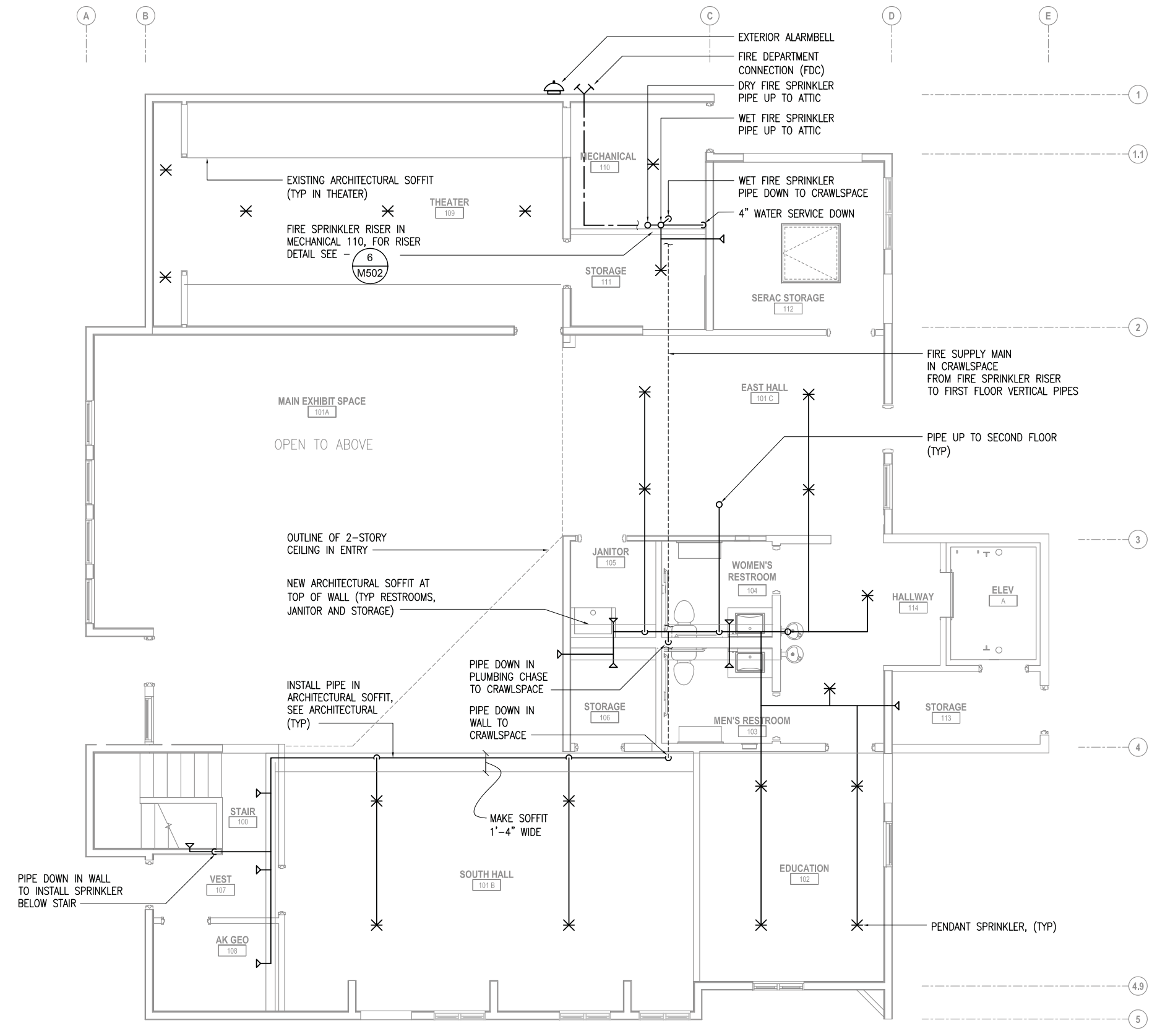
DESIGNED:
AWW
CADD:
SR
TECH REVIEW:
MRF
DATE:
2016.09.28

SUB SHEET NO.
M502

TITLE OF SHEET
MECHANICAL DETAILS

SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

DRAWING NO.
186
80,040
PMIS/PKG NO.
184638
SHEET
54 OF 73



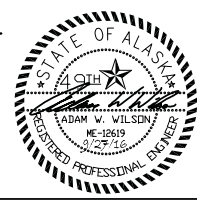
SHEET NOTES:

1. THE PIPING LAYOUT SHOWN SHOULD BE UTILIZED AS MUCH AS POSSIBLE TO ROUTE AND SEAL PIPE WITHIN STRUCTURE. COORDINATE THE FINAL PIPE LAYOUT WITH THE NPS CONTRACTING OFFICER PRIOR TO INSTALLATION.
2. INSTALL A COMPLETE NFPA 13 WET SPRINKLER SYSTEM THROUGHOUT THE FIRST FLOOR AND CRAWLSPACE. ALL AREAS LIGHT HAZARD OCCUPANCY UNLESS OTHERWISE NOTED.
3. ALL HORIZONTAL PIPING TO BE INSTALLED BETWEEN SECOND FLOOR JOISTS, ABOVE FIRST FLOOR CEILING UNLESS OTHERWISE NOTED.
4. SEE ARCHITECTURAL CEILING PLANS FOR CEILING CHANGES AND SOFFITS.

LEGEND:

- ✕ PENDANT-TYPE SPRINKLER HEAD
- ↔ SIDE WALL-TYPE SPRINKLER HEAD

1 FIRST FLOOR FIRE SPRINKLER PROTECTION PLAN
SCALE: 1/4" = 1'-0"



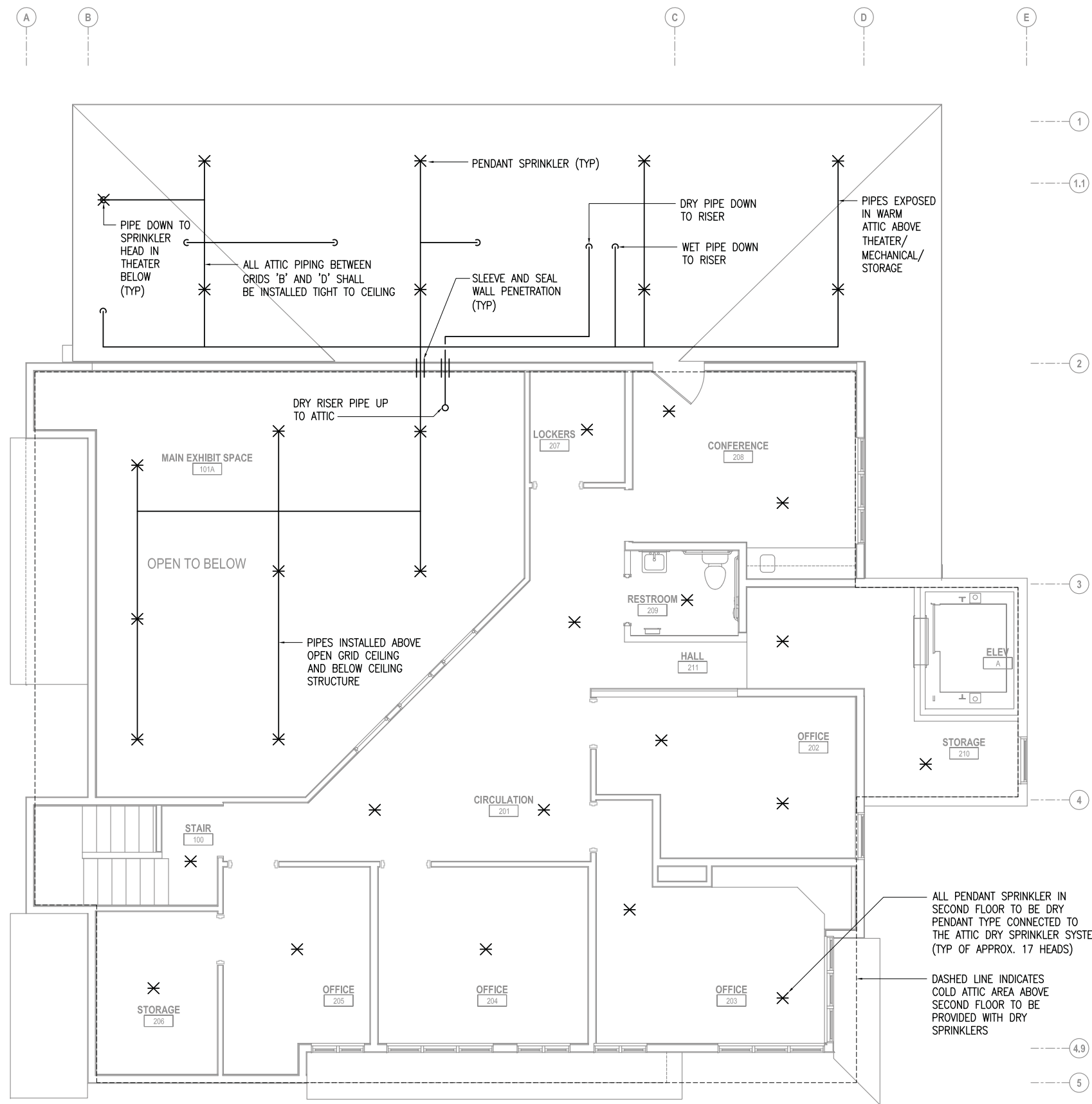
DESIGNED: AWW	F101
CADD: SR	
TECH REVIEW: MRF	
DATE: 2016.09.28	

SUB SHEET NO.

TITLE OF SHEET
FIRST FLOOR FIRE PROTECTION PLAN
SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK

DRAWING NO.	186
	80,040
PMIS/PKG NO.	184638
SHEET	55 OF 73

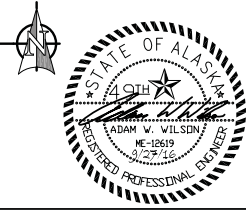
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Corporate No.: AECC542 RSA Job# L5251



SHEET NOTES:

1. THE PIPING LAYOUT SHOWN SHOULD BE UTILIZED AS MUCH AS POSSIBLE TO ROUTE AND SEAL PIPE WITHIN STRUCTURE. COORDINATE THE FINAL PIPE LAYOUT WITH THE NPS CONTRACTING OFFICER PRIOR TO INSTALLATION.
2. INSTALL A COMPLETE NFPA 13 WET SPRINKLER SYSTEM THROUGHOUT THE SECOND FLOOR.
3. INSTALL A COMPLETE NFPA 13 DRY SPRINKLER SYSTEM THROUGHOUT THE ATTIC. ATTIC AREA SIMILAR TO SECOND FLOOR FOOT PRINT.
4. ALL SPACES LIGHT HAZARD OCCUPANCY UNLESS OTHERWISE INDICATED.

1 SECOND FLOOR FIRE SPRINKLER PROTECTION PLAN
SCALE: 1/4" = 1'-0"



DESIGNED:
AWW
CADD:
SR
TECH REVIEW:
MRF
DATE:
2016.09.28

SUB SHEET NO.
F102

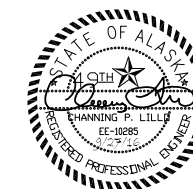
TITLE OF SHEET
**SECOND FLOOR
FIRE PROTECTION
PLAN**
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

DRAWING NO.
186
80,040
PMIS/PKG NO.
184638
SHEET
56 OF 73

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LEGEND			
	ROUND LIGHT FIXTURE - PENDANT OR SURFACE MTD CLG		DOOR BELL
	LIGHT FIXTURE - SURFACE MTD ON WALL		FIRE ALARM PULL STATION
	LIGHT FIXTURE - RECESSED DOWNLIGHT		SPRINKLER ALARM BELL
	EMERGENCY EXIT LIGHT - SURFACE MTD WALL		FIRE ALARM HORN (WALL, CLG MOUNTED)
	EMERGENCY LIGHT		FIRE ALARM HORN/STROBE LIGHT (WALL, CLG MOUNTED)
	LINEAR LIGHT FIXTURE - RECESS MTD		FIRE ALARM STROBE LIGHT (WALL, CLG MOUNTED)
	LINEAR LIGHT FIXTURE - SURFACE MTD CLG		HEAT DETECTOR 135° & RATE OF RISE (OR FIXED °F IF NOTED)
	LINEAR LIGHT FIXTURE - WALL MTD		PHOTOELECTRIC SMOKE DETECTOR
	STRIPLIGHT - PENDANT OR SURFACE MTD CLG		SPRINKLER WATER FLOW SWITCH
	TRACK LIGHT FIXTURE (# OF HEADS AS SHOWN)		SPRINKLER VALVE TAMPER SWITCH
	FIXTURE TAG (LETTER INDICATES TYPE)		DUPLEX RECEPTACLE TO BE REMOVED (DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED TYPICAL)
	SINGLE POLE SWITCH		NOTE TAG (No. INDICATES NOTE)
	SINGLE POLE SWITCH (LOWERCASE LETTER INDICATES SWITCHING)		EXISTING LIGHT FIXTURE TAG (LETTER INDICATES TYPE)
	THREE WAY SWITCH, FOUR WAY SWITCH	AFF	ABOVE FINISHED FLOOR
	DIMMER SWITCH	AFG	ABOVE FINISHED GRADE
	PILOT LIGHT SWITCH	AHJ	AUTHORITIES HAVING JURISDICTION
	OCCUPANCY SENSOR WALL SWITCH (DUALTECH)	C	CONDUIT
	COMBINATION DIMMER/OCCUPANCY SENSOR WALL SWITCH	CF	CEILING FAN
	OCCUPANCY SENSOR - CEILING MOUNTED (DUALTECH)	CO	CONDUIT ONLY
	PHOTOCELL	CP	CIRCULATION PUMP
	NM CABLE, CONCEALED	E	DENOTES EXISTING ITEM
	NUMBER AND SIZE OF WIRES (NO MARKS = 3 #12)	EF	EXHAUST FAN
	HOMERUN TO PANEL (PANEL AND CIRCUIT No.)	EM	DENOTES EMERGENCY POWER
	PANEL	GFCI	GROUND FAULT CIRCUIT INTERRUPTER
	DUPLEX RECEPTACLE	GRSC	GALVANIZED RIGID STEEL CONDUIT
	DUPLEX RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER	HD	HAND DRYER
	QUADRAPLEX RECEPTACLE	HPS	HIGH PRESSURE SODIUM
	SPECIAL PURPOSE OUTLET	LED	LIGHT EMITTING DIODE
	RECEPTACLE FLOOR OUTLET - DUPLEX	MCB	MAIN CIRCUIT BREAKER
	JUNCTION BOX	MLO	MAIN LUGS ONLY
	EMERGENCY PUSHBUTTON SWITCH	NEC	NATIONAL ELECTRICAL CODE
	MOTOR (SIZED AS NOTED)	NIC	NOT IN CONTRACT
	FRACTIONAL HORSEPOWER MOTOR STARTER	NPS	NATIONAL PARK SERVICE
	DISCONNECT SWITCH	NTS	NOT TO SCALE
	COMBINATION DISCONNECT/MAGNETIC MOTOR STARTER	R	DENOTES EXISTING ITEM THAT HAS BEEN RELOCATED
	VARIABLE FREQUENCY DRIVE WITH INTEGRAL DISCONNECT	TTB	TELEPHONE TERMINAL BACKBOARD
	EXISTING SECURITY CONTROL PANEL	TYP	TYPICAL
	DOOR POSITION CONTACT	UON	UNLESS OTHERWISE NOTED
	EXISTING SECURITY AREA DETECTOR	UH	UNIT HEATER
	SECURITY MOTION SENSOR	VF	VENTILATION FAN
	FIRE ALARM CONTROL PANEL	WP	WEATHERPROOF

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 Corporate No.: AECC542 RSA Job# L5251



DESIGNED: MJC	SUB SHEET NO. E001	TITLE OF SHEET LEGEND	DRAWING NO. 186 80,040
CADD: MJC			PMIS/PKG NO. 184638
TECH REVIEW: CPL			SHEET
DATE: 2016.09.28			57 OF 73

SEWARD VISITOR CENTER REHAB
 KENAI FJORDS NATIONAL PARK

GENERAL SCHEDULE NOTES:

A. SEE PLANS FOR FIXTURES DESIGNATED AS EMERGENCY. PROVIDE EMERGENCY BALLAST IN FIXTURES INDICATED. SEE SPECIFICATION SECTION 26 50 00 FOR REQUIREMENTS.

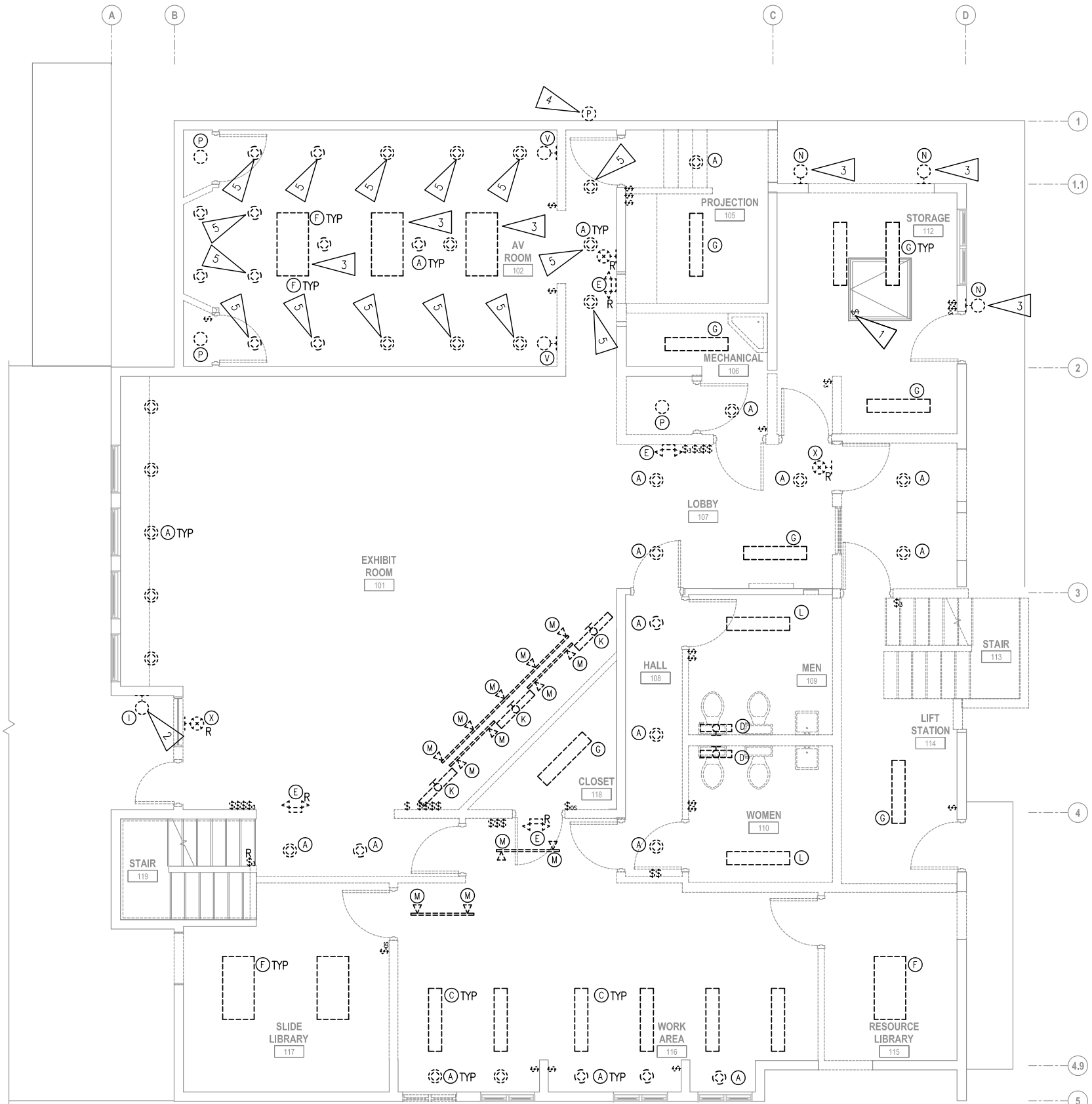
EXISTING LIGHT FIXTURE SCHEDULE		
TYPE	EXISTING LUMINAIRE DESCRIPTION	TOTAL WATTAGE
(A)	RECESSED CAN LIGHT.	75
(B)	RECESSED CAN LIGHT.	75
(C)	3-LAMP, F32T8 1'X4' SURFACE-MOUNTED FLUORESCENT WITH PARABOLIC DIFFUSER.	88
(D)	2-LAMP 25WT8 WALL MOUNT, 2' WITH ACRYLIC DIFFUSER.	45
(E)	2 HEAD EMERGENCY BATTERY PACK UNIT.	4
(F)	4-LAMP, F32T8 2'X4' SURFACE-MOUNTED FLUORESCENT WITH PARABOLIC DIFFUSER.	118
(G)	2-LAMP, F32T8 1'X4' SURFACE-MOUNTED WRAP-AROUND FLUORESCENT.	60
(H)	6-LAMP, F32T8 4'X4' SURFACE-MOUNTED FLUORESCENT WITH DIFFUSER.	176
(I)	EXTERIOR LED WALL MOUNT FIXTURE.	25
(J)	EXTERIOR BARN LIGHT HPS SURFACE MOUNT FIXTURE.	70
(K)	2-LAMP 25WT8 WALL MOUNT.	45
(L)	2-LAMP, F32T8 2'X4' SURFACE-MOUNTED FLUORESCENT WITH CLEAR DIFFUSER.	60
(M)	75W INCANDESCENT TRACK MOUNTED SPOTLIGHT.	75
(N)	EXTERIOR WALL MOUNT LUMINARIE.	70
(O)	KEYLESS SOCKET.	75
(P)	SAME AS TYPE 'O' EXCEPT WITH PULL CHAIN.	75
(Q)	2-LAMP, F32T8 1'X4' RECESSED-MOUNTED FLUORESCENT.	60
(R)	EMERGENCY BUG EYE.	12
(S)	EXTERIOR SURFACE-MOUNTED QUARTZ FLOOD LIGHT.	500
(T)	2-LAMP, F32T8 1'X4' SURFACE-MOUNTED DIRECT/INDIRECT FLUORESCENT.	60
(U)	INCANDESCENT COMBINATION LIGHT/FAN.	75
(V)	INCANDESCENT LANTERN WALL SCONCE	60
(W)	2-LAMP, 25WT8 UNDER CABINET FLUORESCENT.	45
(X)	LED EXIT SIGN.	3

LIGHT FIXTURE SCHEDULE									
TYPE	LOCATION	MANUFACTURER AND CATALOG NUMBER (OR APPROVED EQUAL)	LUMINAIRE DESCRIPTION	MOUNTING		LAMPS	BALLAST/DRIVER	TOTAL INPUT WATTS	
				TYPE	HEIGHT				
A	THEATER	SONNEMAN #2313.16	15.75"DIAx12"H LED RING PENDANT WITH 6' ADJUSTABLE CABLE, 2"H FROSTED ACRYLIC SHADE AND BRIGHT SATIN FINISH.	PENDANT	9'-0" TO BOTTOM	3000K LED 1350LM	120V LED DRIVER, DIMMABLE BY ELV OR INCANDESCENT DRIVER	19	
B	AK GEO, OFFICES	LITHONIA LIGHTING #STL4-30L-MVOLT-EZ1-LP835	10"Wx4'Lx4"H LED SURFACE VOLUMETRIC FIXTURE WITH CURVED LINEAR ACRYLIC LENS AND WHITE FINISH.	SURFACE	CEILING	3500K LED 3049LM	120/277V 0-10V, DIMMING DRIVER	28	
B2	CONFERENCE, CIRCULATION, LOCKERS, OFFICES	LITHONIA LIGHTING #STL4-40L-MVOLT-EZ1-LP835	SAME AS TYPE 'B' FIXTURE EXCEPT WITH A HIGHER LUMEN OUTPUT.	SURFACE	CEILING	3500K LED 3834LM	120/277V 0-10V, DIMMING DRIVER	35	
B3	EDUCATION, SERAC, STORAGE	LITHONIA LIGHTING #STL4-48L-MVOLT-EZ1-LP835	SAME AS TYPE 'B2' FIXTURE EXCEPT WITH A HIGHER LUMEN OUTPUT.	SURFACE	CEILING	3500K LED 4850LM	120/277V 0-10V, DIMMING DRIVER	45	
C	RESTROOMS	LITHONIA LIGHTING #WL2-22L-EZ1-LP835	4-3/4"Wx24"Lx3-11/16"H LED WALL FIXTURE WITH LINEAR FACETED LENS, WHITE FINISH.	WALL	ABOVE MIRROR	3500K LED 2200LM	120/277V 0-10V, DIMMING DRIVER	21	
C2	STORAGE, ELEVATOR	LITHONIA LIGHTING #WL4-40L-EZ1-LP835	4-3/4"Wx51"Lx3-11/16"H LED WALL FIXTURE WITH LINEAR FACETED LENS, WHITE FINISH.	WALL OR SURFACE	SEE PLANS	3500K LED 4000LM	120/277V 0-10V, DIMMING DRIVER	40	
C3	STAIR 1, VEST 107	LITHONIA LIGHTING #WL4-40L-EZ1-LP835-NES7	SAME AS LIGHT FIXTURE C2, EXCEPT WITH PIR INTEGRAL OCCUPANCY SENSOR.	SURFACE	CEILING	3500K LED 4000LM	120/277V 0-10V, DIMMING DRIVER	40	
D	MECHANICAL, STORAGE AND JANITOR ROOMS	PHILIPS #LF-4-FR-39-35-U-DZT	2"Wx4'Lx2"H LED SURFACE STRIP, 100% FROST LENS AND WHITE FINISH.	SURFACE	CEILING	3500K LED, 4000LM	120/277V 0-10V, DIMMING DRIVER	33	
E	CIRCULATION, OFFICES, RESTROOMS AND HALLWAY	GOTHAM LIGHTING #EVO-35/10-4AR-WD-LD-MVOLT-EZ1-TRW	NOMINAL 4" DIAMETER LED OPEN DOWNLIGHT, WIDE LIGHT DISTRIBUTION, CLEAR APERTURE TRIM AND MATTE DIFFUSE FINISH.	RECESSED	CEILING	3500K LED 1189LM	120V 0-10V, DIMMING DRIVER	13	
F	EXTERIOR WALL	HUBBELL #VBGL-1	5.25"DIAx10.37"L LED EXTERIOR WALL SCONCE WITH RUGGED DIE CAST ALUMINUM HOUSING AND CAST ALUMINUM GUARD, FROSTED LENS, ALUMINUM FINISH, UL WET LISTING AND VAPORITITE.	WALL	7'-6"	4100K LED 757LM	120/277V 250mA -22F RATED DRIVER	11	
H	THEATER, HALL 211, CIRCULATION 201	EATON #PD6R-10-ED010-PDM6A-835-692-SC-BFR56FL	HALO COMMERCIAL NOMINAL 6" DIAMETER APERTURE LED DOWNLIGHT RETROFIT, BEAM FORMING REFLECTOR KIT, FLOOD DISTRIBUTION, SPECULAR CLEAR WITH WHITE FLANGE FINISH.	RECESSED	CEILING	3500K LED 1000LM	120/277V 0-10V AND LE/TE PHASE CUT, DIMMING DRIVER	12	
X	EXITS	LITHONIA LIGHTING #LOM-S-W-3-R-120/277-ELN	2"Dx11.75"Lx8"H LED THERMOPLASTIC EXIT SIGN, RED LETTERS, WHITE HOUSING, SINGLE FACE WITH EXTRA FACEPLATE AND NICKEL CADMIUM BATTERY.	SURFACE	SEE PLANS	N/A	120/277V	1	
X1	EMERGENCY EGRESS	LITHONIA LIGHTING #ELMLT-B-LP06VS-LTP-SD	3.75"Dx12.5"Lx5"H LOW PROFILE LED THERMOPLASTIC EMERGENCY LIGHT, SEALED MAINTENANCE FREE LITHIUM IRON PHOSPHATE BATTERY, SELF DIAGNOSTIC, DAMP LISTED AND BLACK HOUSING.	WALL	7'-6"	N/A	120/277V INPUT, 9.66VDC LITHIUM IRON PHOSPHATE BATTERY	19	

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Corporate No.: AECC542 RSA Job# L5251



DESIGNED: MJC	SUB SHEET NO. E002	TITLE OF SHEET SCHEDULES	DRAWING NO. 186
CADD: MJC			80,040
TECH REVIEW: CPL			PMIS/PKG NO. 184638
DATE: 2016.09.28			SHEET 58 OF 73
		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	



GENERAL NOTES

- A. THE INFORMATION SHOWN ON THIS DRAWING IS TAKEN FROM AS-BUILT DRAWINGS AND A NON-DESTRUCTIVE WALK THROUGH OF THE FACILITY. THERE IS NO WARRANTY OR GUARANTEE AS TO THE ACCURACY OF THE INFORMATION SHOWN HERE-IN. THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS SCHEDULED FOR DEMOLITION PRIOR TO START OF WORK.
- B. THE GOVERNMENT SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL SALVAGEABLE MATERIALS. THE CONTRACTOR SHALL DELIVER SALVAGED MATERIALS TO A WAREHOUSE AS DIRECTED BY THE CONTRACTING OFFICER. THE CONTRACTOR SHALL DISPOSE OF, OFF SITE, ALL UNWANTED MATERIALS.
- C. DASHED OR DOTTED LINES INDICATE ITEMS TO BE REMOVED. SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.
- D. DISCONNECT AND SALVAGE ALL ITEMS NOTED FOR RELOCATION. DEMOLISH CONDUIT, CONDUCTORS, BOXES, ETC. TO ACCOMMODATE CONSTRUCTION. SEE REMODEL PLANS FOR NEW LOCATION.

SHEET NOTES:

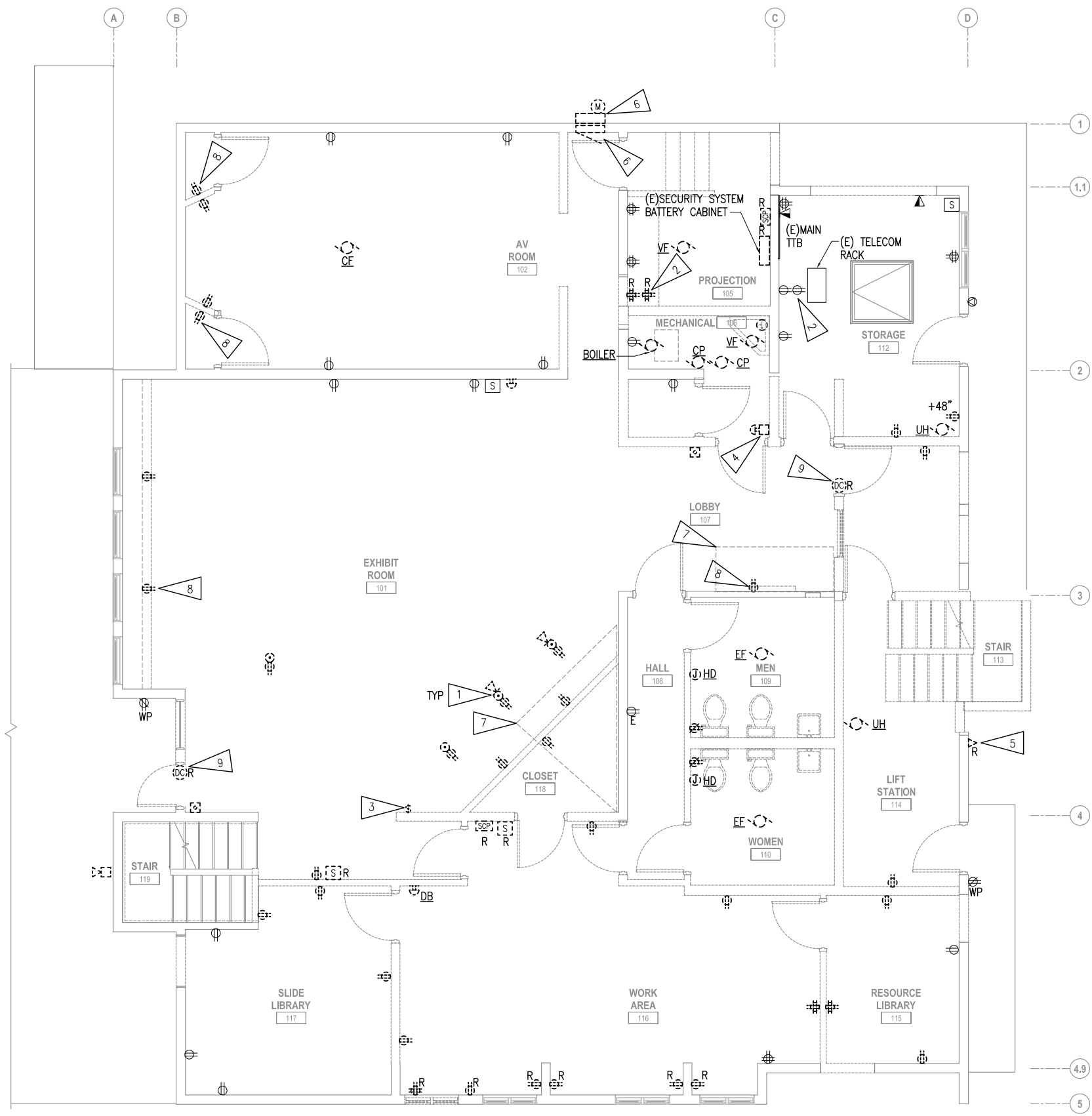
- 1. EXISTING SWITCH AND (8) EXISTING TYPE 'O' LIGHT FIXTURES LOCATED IN CRAWL SPACE TO REMAIN. SWITCH LOCATED INSIDE CRAWL SPACE OPENING. SEE 1/E201 FOR HOMERUN DESIGNATION.
- 2. DISCONNECT AND RETURN TO OWNER LED WALL PACK. SALVAGE ELECTRICAL CIRCUIT FOR RE-CONNECTION.
- 3. DISCONNECT AND DEMOLISH LIGHT FIXTURE. SALVAGE ELECTRICAL CIRCUIT FOR RE-CONNECTION.
- 4. DISCONNECT AND DEMOLISH PHOTOCELL. SALVAGE ELECTRICAL CIRCUIT FOR RE-CONNECTION.
- 5. EXISTING FIXTURE HOUSING AND ELECTRICAL CIRCUIT TO REMAIN. SEE REMODEL PLANS FOR NEW LED TRIM KIT.

1 LIGHTING DEMOLITION PLAN - FIRST FLOOR
1/4" = 1'-0"



DESIGNED: MJC	SUB SHEET NO. E101	TITLE OF SHEET LIGHTING DEMOLITION PLAN - FIRST FLOOR	DRAWING NO. 186
CADD: MJC			80,040
TECH REVIEW: CPL			PMIS/PKG NO. 184638
DATE: 2016.09.28			SHEET 59 OF 73
		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	

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Corporate No.: AECC542 RSA Job# L5251



GENERAL NOTES

A. SEE GENERAL NOTES ON E101.

SHEET NOTES:

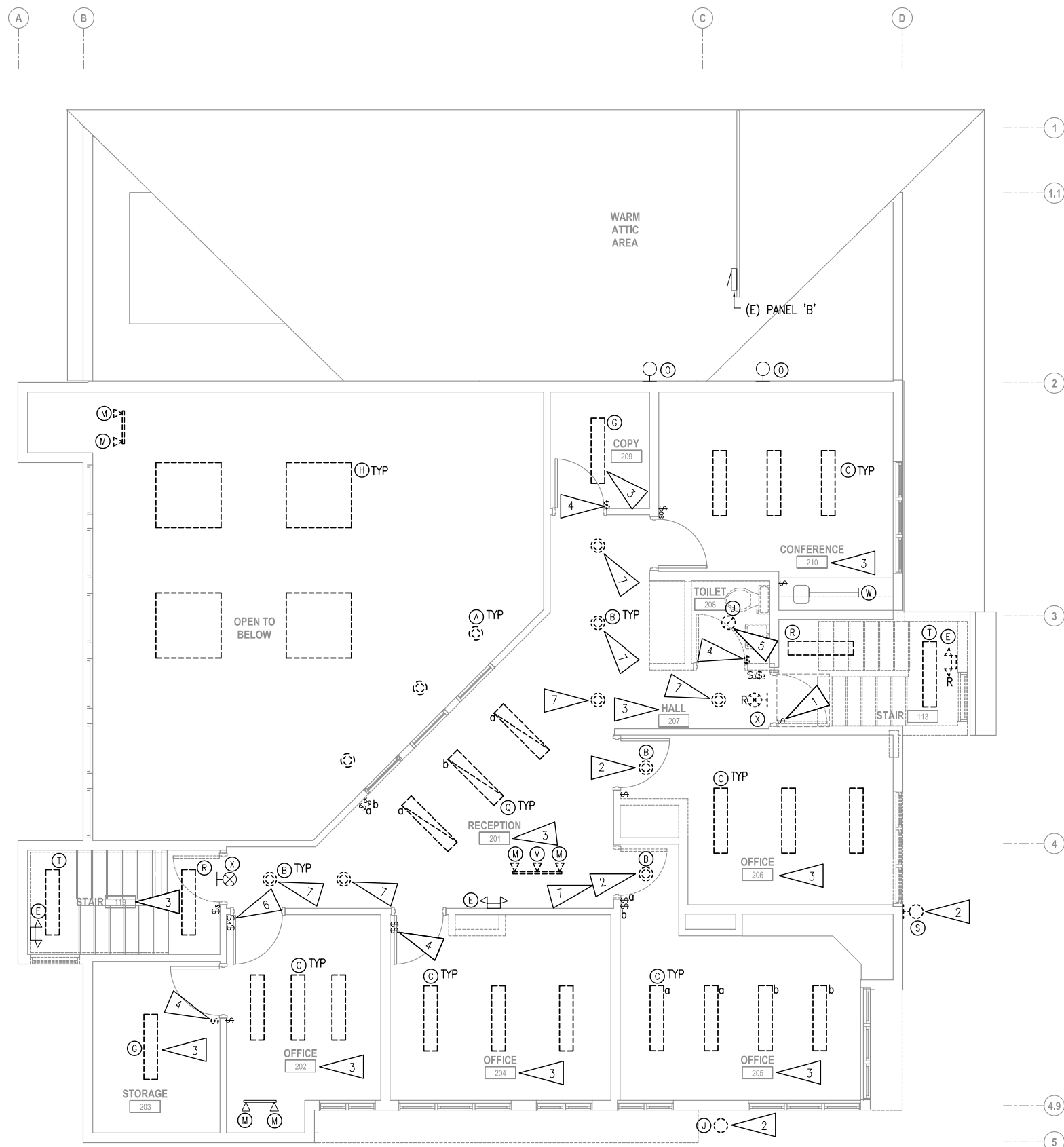
1. RECEPTACLES LOCATED AT RECEPTIONIST DESK.
2. RECEPTACLE SHOWN IN FRONT FOR CLARITY. RECEPTACLE LOCATED ABOVE OTHER RECEPTACLE.
3. DISCONNECT AND DEMOLISH CEILING FAN CONTROLLER SWITCH.
4. DISCONNECT AND DEMOLISH BOILER EMERGENCY SHUTDOWN SWITCH.
5. EXISTING ANTENNA TO BE RELOCATED. NPS TO REMOVE AND REINSTALL ALL COMMUNICATION CABLES AND EQUIPMENT.
6. SEE 1/E601 ELECTRICAL ONE-LINE DIAGRAM.
7. DEMOLISH EXISTING CABLE AND EQUIPMENT IN CRAWLSPACE BELOW TO ALLOW FOR NEW FLOOR CUT OUT AND EXHIBIT DISPLAYS. EXTEND AND RECONNECT ANY EXISTING WIRING SERVING EQUIPMENT TO REMAIN.
8. DISCONNECT AND DEMOLISH RECEPTACLE. SALVAGE CONDUCTORS FOR NEW RECEPTACLE.
9. DISCONNECT DOOR CONTACT AND SALVAGE ELECTRICAL CIRCUIT FOR RE-CONNECTION. SEE 1/E401 FOR RELOCATION OF DOOR CONTACT.

1 POWER & SIGNAL DEMOLITION PLAN - FIRST FLOOR
 1/4" = 1'-0"



DESIGNED: MJC	SUB SHEET NO. E102	TITLE OF SHEET POWER & SIGNAL DEMOLITION PLAN - FIRST FLOOR SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	DRAWING NO. 186
CADD: MJC			80,040
TECH REVIEW: CPL			PMIS/PKG NO. 184638
DATE: 2016.09.28			SHEET 60 OF 73

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 191 East Swanson Ave., Suite 101 - Wasilla, AK 99654 - (907) 357-1521
 Corporate No.: AECC542 RSA Job# L5251



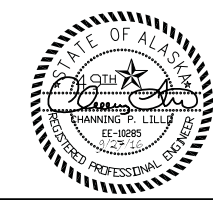
GENERAL NOTES

A. SEE GENERAL NOTES ON E101.

SHEET NOTES:

1. EXISTING SWITCH AND (4) EXISTING TYPE 'O' LIGHT FIXTURES LOCATED IN ATTIC TO REMAIN. SWITCH LOCATED INSIDE ATTIC SPACE OPENING.
2. DEMOLISH LIGHT FIXTURE AND ELECTRICAL CIRCUIT BACK TO SOURCE.
3. UON, ALL DEMOLISHED LIGHTS IN ROOM WILL BE A ONE-FOR-ONE REPLACEMENT. SALVAGE ELECTRICAL CIRCUIT FOR RE-CONNECTION.
4. DEMOLISH LIGHT SWITCH AND SALVAGE ELECTRICAL CIRCUIT FOR RE-CONNECTION.
5. DEMOLISH LIGHT FIXTURE AND SALVAGE ELECTRICAL CIRCUIT FOR RE-CONNECTION.
6. EXISTING THREE WAY SWITCH LOCATED IN OFFICE IS FOR SWITCHING HALLWAY LIGHTING.
7. EXISTING FIXTURE HOUSING TO REMAIN. SEE REMODEL PLANS FOR NEW LED TRIM KIT.

1 LIGHTING DEMOLITION PLAN - SECOND FLOOR
1/4" = 1'-0"



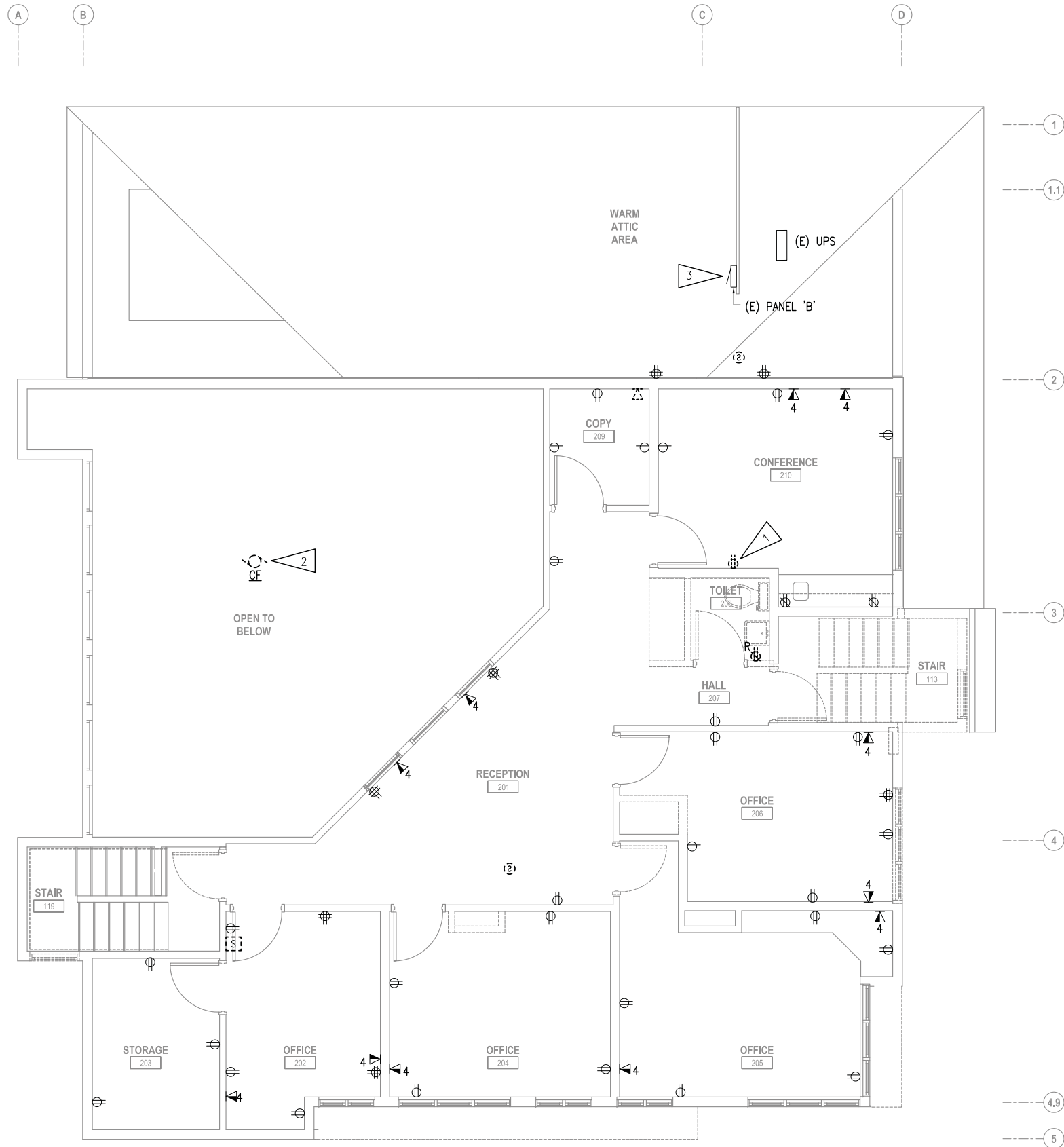
DESIGNED:
MJC
CADD:
MJC
TECH REVIEW:
CPL
DATE:
2016.09.28

SUB SHEET NO.
E103

TITLE OF SHEET
LIGHTING DEMOLITION PLAN - SECOND FLOOR
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

DRAWING NO.
186
80,040
PMIS/PKG NO.
184638
SHEET
61 OF 73

RSA ENGINEERING, INC.
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Corporate No.: AECC542 RSA Job# L5251



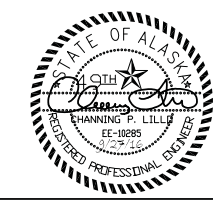
GENERAL NOTES

A. SEE GENERAL NOTES ON E101.

SHEET NOTES:

1. DISCONNECT AND DEMOLISH RECEPTACLE. SALVAGE CONDUCTORS FOR NEW GFCI RECEPTACLE.
2. DISCONNECT AND DEMOLISH CEILING FAN.
3. SEE 1/E601 ELECTRICAL ONE-LINE DIAGRAM.

1 POWER & SIGNAL DEMOLITION PLAN - SECOND FLOOR
 1/4" = 1'-0"



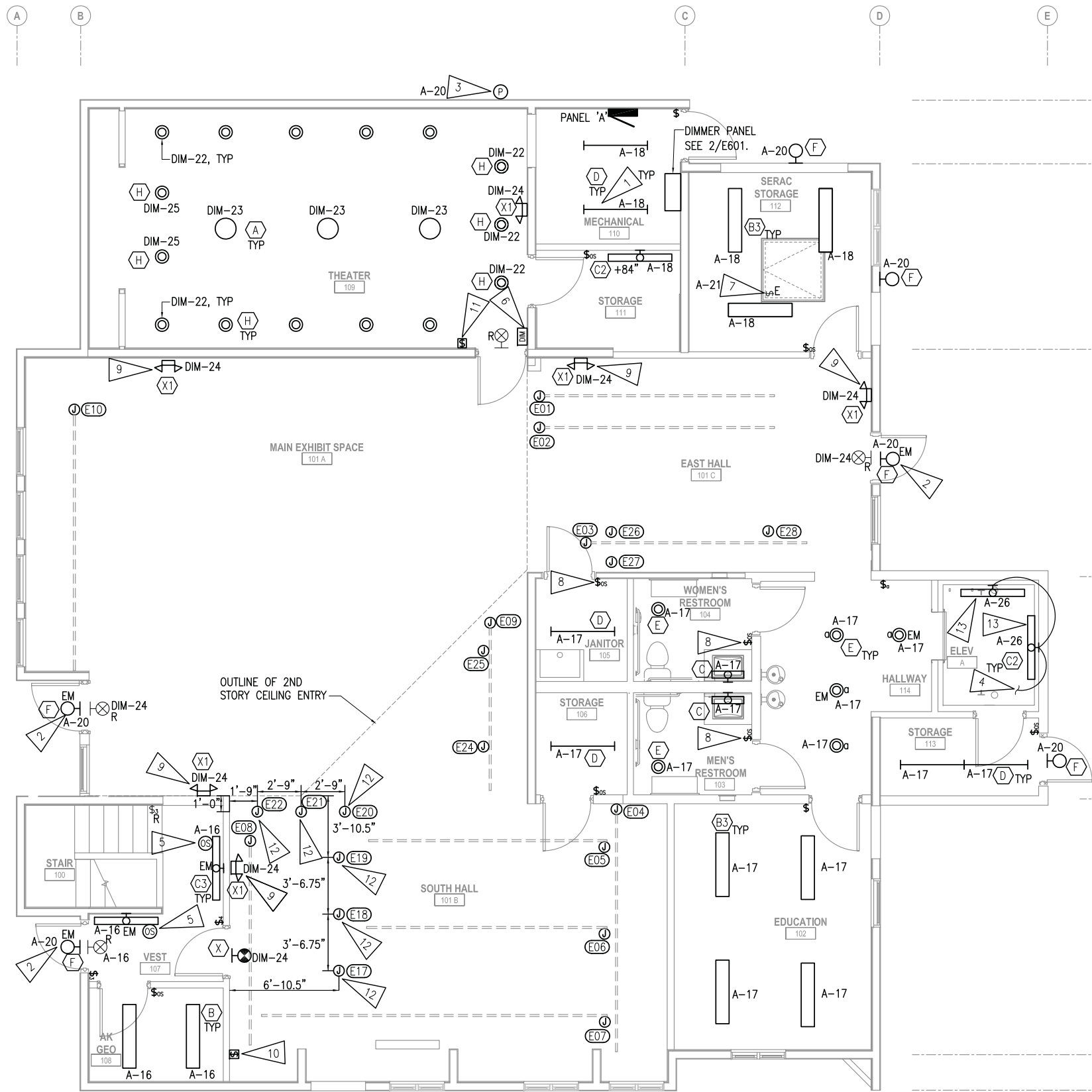
DESIGNED:
MJC
 CADD:
MJC
 TECH REVIEW:
CPL
 DATE:
2016.09.28

SUB SHEET NO.
E104

TITLE OF SHEET
**POWER & SIGNAL
 DEMOLITION PLAN -
 SECOND FLOOR**
 SEWARD VISITOR CENTER REHAB
 KENAI FJORDS NATIONAL PARK

DRAWING NO.
186
80,040
 PMIS/PKG NO.
184638
 SHEET
62 OF 73

RSA ENGINEERING, INC.
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GENERAL NOTES

- A. UON, PORTIONS OF EXISTING ELECTRICAL CIRCUITRY MAY BE RE-USED IF CODE COMPLIANT. EXTEND RECONNECT OR REPLACE AS REQUIRED. SEE SHEET FOR HOMERUN DESIGNATION TO PANEL.
- B. WHERE ITEMS ARE NOTED AS BEING RELOCATED, REINSTALL SALVAGED EQUIPMENT IN NEW LOCATION SHOWN. EXTEND AND RECONNECT TO EXISTING CIRCUIT AS REQUIRED, UON.
- C. EXTERIOR LIGHTS SHALL BE CONTROLLED BY NEW PHOTOCELL.
- D. EXHIBIT LIGHTING FIXTURES NIC. ROUGH-IN PER DIVISION 26 UNLESS OTHERWISE NOTED.
- E. REFER TO EXHIBIT LIGHTING SHEETS L-1, L-2 AND DIVISION 11 FOR FIXTURE TYPES AND LOCATIONS.
- F. WIRING NOT SHOWN FOR CLARITY, BUT SHALL BE PROVIDED BY CONTRACTOR TO MEET NEC REQUIREMENTS PER THE CIRCUIT ASSIGNMENTS INDICATED.
- G. CONNECT EMERGENCY LIGHT FIXTURES AND EXIT SIGNS TO THE UN-SWITCHED LEG OF LOCAL LIGHTING CIRCUIT.
- H. UON, PROVIDE 2#12, 1#12 GND FOR ALL 15 AND 20A/1P CIRCUITS. SEE SHEET FOR HOMERUN DESIGNATIONS.
- I. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR ALL CIRCUITS CONNECTED TO THE DIMMING PANEL 'DIM'.

SHEET NOTES:

- 1. FIELD-COORDINATE LOCATION OF LIGHTS WITH MECHANICAL PIPING AND EQUIPMENT PRIOR TO INSTALLATION.
- 2. EM FIXTURE TO BE CONNECTED TO INVERTER. SEE 1/E202 FOR LOCATION OF INVERTER AND 2/E701 FOR DETAIL.
- 3. PROVIDE NEW PHOTOCELL. SEE 2/E701.
- 4. TO ELEVATOR PIT RECEPTACLE. SEE 1/E501.
- 5. OCCUPANCY SENSOR IS INTEGRAL TO FIXTURE.
- 6. DIMMING CONTROL STATION FOR PANEL 'DIM'. SEE 2/E601.
- 7. IN CRAWLSPACE, REPLACE ALL EXISTING INCANDESCENT LIGHT BULBS IN KEYLESS SOCKETS WITH NEW LED SCREW IN BULBS (CREE 13.5W, 1100 LUMENS, 2700K, 75W INCANDESCENT REPLACEMENT BULB OR APPROVED EQUAL). ASSUME 8 KEYLESS SOCKETS IN CRAWLSPACE FOR BIDDING PURPOSES. SEE SHEET FOR HOMERUN DESIGNATION.
- 8. CONNECT LIGHT SWITCH TO CONTROL LOCAL EXHAUST FAN. SEE 1/E301.
- 9. MOUNT AND CENTERED WITHIN BLACK BAND ON THE WALL. SEE INTERIOR ELEVATIONS.
- 10. 3-BUTTON PUSH STATION FOR CONTROL OF EXHIBIT LIGHTS (MAIN EXHIBIT, EAST GALLERY, SOUTH HALL). CONNECT TO PANEL 'DIM'. COORDINATE LOCATION WITH INFODESK PRIOR TO ROUGH-IN.
- 11. 4-BUTTON PUSHBUTTON CONTROLLER FOR THEATER LIGHTS. CONNECT TO DIMMER PANEL. SEE 2/E601. COORDINATE WITH CONTRACTING OFFICER FOR SCENES AND LABELING.
- 12. FIELD VERIFY LOCATION WITH CONTRACTING OFFICER BEFORE ROUGH-IN.
- 13. MOUNT 36" ABOVE PIT FLOOR. COORDINATE WITH ELEVATOR SHOP DRAWINGS PRIOR TO ROUGH-IN.

EXHIBIT LIGHTING CONNECTION SCHEDULE NOTES:

- A. PROVIDE AND INSTALL CEILING MOUNTED J-BOX FOR CONNECTION TO LIGHT FIXTURE. EXHIBIT LIGHTING FIXTURES NIC.
- B. PROVIDE JUNCTION BOX LOCATED IN CRAWLSPACE FOR CONNECTION TO UNDER FLOOR WAVELIGHT FIXTURES. EXHIBIT LIGHTING FIXTURES NIC.
- C. PROVIDE JUNCTION BOX LOCATED IN CRAWLSPACE FOR CONNECTION TO LIGHT FIXTURE. EXHIBIT FIXTURES FIXTURES NIC.

EXHIBIT/AUDITORIUM LIGHTING TAG LEGEND

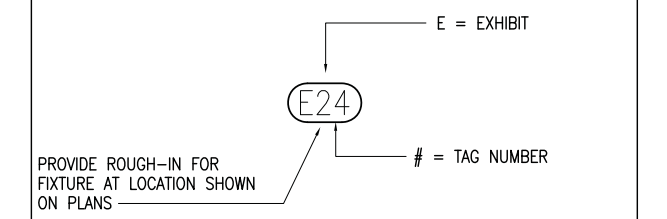
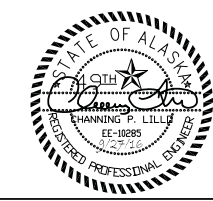


EXHIBIT LIGHTING CONNECTION SCHEDULE

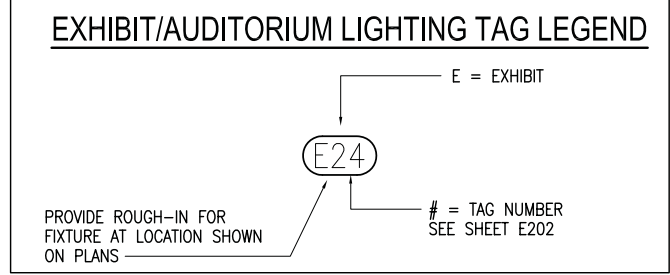
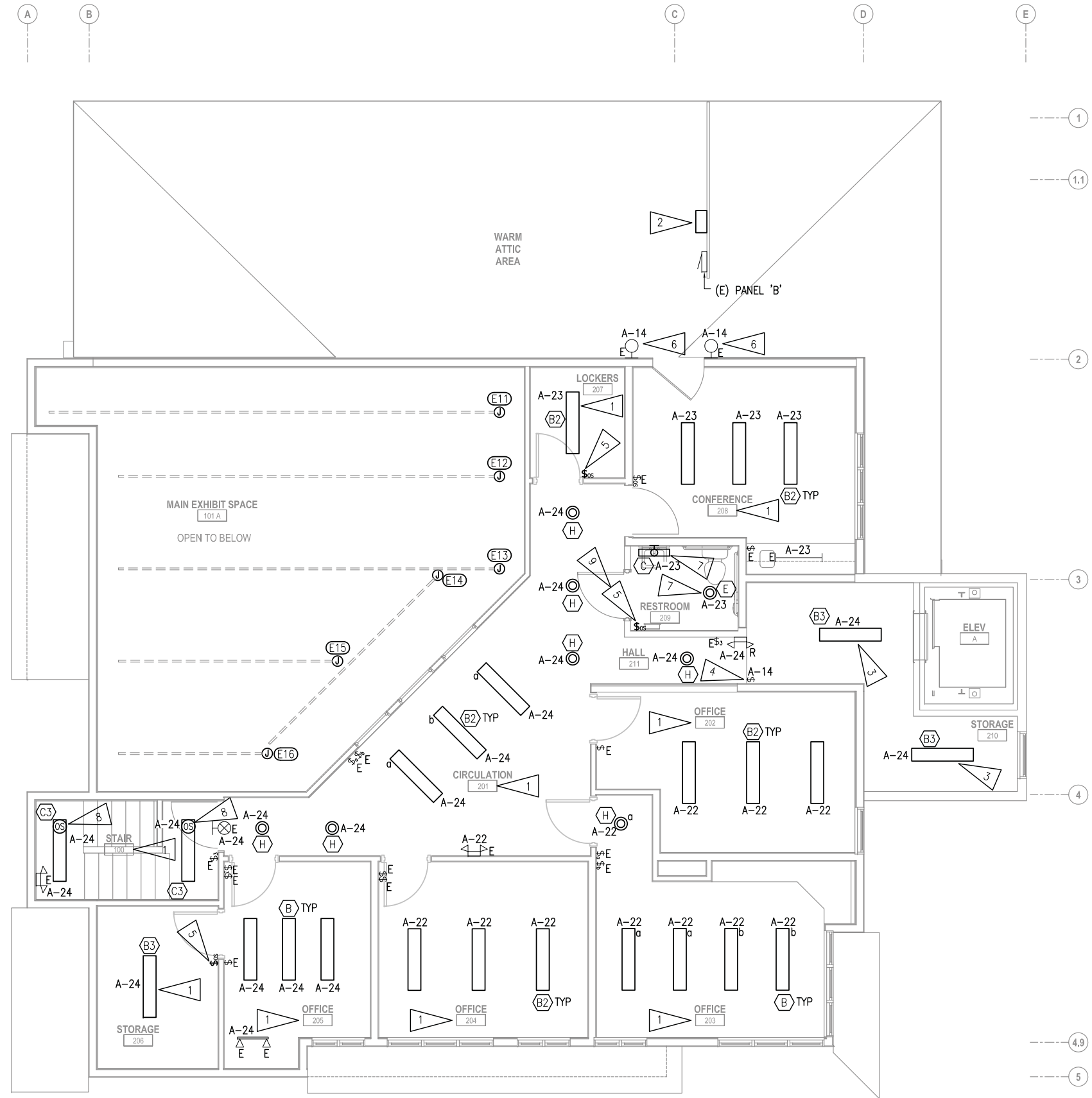
TAG	DESCRIPTION	WATTAGE	CIRCUIT	DIMMER	NOTES
E01	1-CIRCUIT TRACK LIGHTING	320	DIM-1	YES	A
E02	1-CIRCUIT TRACK LIGHTING	320	DIM-2	YES	A
E03	1-CIRCUIT TRACK LIGHTING	320	DIM-3	YES	A
E04	1-CIRCUIT TRACK LIGHTING	700	DIM-4	YES	A
E05	1-CIRCUIT TRACK LIGHTING	700	DIM-5	YES	A
E06	1-CIRCUIT TRACK LIGHTING	700	DIM-6	YES	A
E07	1-CIRCUIT TRACK LIGHTING	700	DIM-7	YES	A
E08	1-CIRCUIT TRACK LIGHTING	700	DIM-8	YES	A
E09	1-CIRCUIT TRACK LIGHTING	150	DIM-9	YES	C
E10	1-CIRCUIT TRACK LIGHTING	1400	DIM-10	YES	A
E11	1-CIRCUIT TRACK LIGHTING	1400	DIM-11	YES	A
E12	1-CIRCUIT TRACK LIGHTING	1400	DIM-12	YES	A
E13	1-CIRCUIT TRACK LIGHTING	1400	DIM-13	YES	A
E14	1-CIRCUIT TRACK LIGHTING	1400	DIM-14	YES	A
E15	1-CIRCUIT TRACK LIGHTING	1400	DIM-15	YES	A
E16	1-CIRCUIT TRACK LIGHTING	1400	DIM-16	YES	A
E17	DECORATIVE PENDANT MOUNT	19	DIM-17	YES	A
E18	DECORATIVE PENDANT MOUNT	19	DIM-17	YES	A
E19	DECORATIVE PENDANT MOUNT	19	DIM-17	YES	A
E20	DECORATIVE SURFACE MOUNT	201	DIM-18	YES	A
E21	DECORATIVE SURFACE MOUNT	201	DIM-18	YES	A
E22	DECORATIVE SURFACE MOUNT	201	DIM-18	YES	A
E24	WAVELIGHT PROJECTOR	15	DIM-19	YES	B
E25	WAVELIGHT PROJECTOR	15	DIM-19	YES	B
E26	WAVELIGHT PROJECTOR	15	DIM-20	YES	B
E27	WAVELIGHT PROJECTOR	15	DIM-20	YES	B
E28	MICRO-SPOTLIGHTS	75	DIM-21	YES	C

1 LIGHTING REMODEL PLAN - FIRST FLOOR
1/4" = 1'-0"



DESIGNED: MJC	SUB SHEET NO. E201	TITLE OF SHEET LIGHTING REMODEL PLAN - FIRST FLOOR & EXHIBIT SCHEDULE SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	DRAWING NO. 186
CADD: MJC			80,040
TECH REVIEW: CPL			PMIS/PKG NO. 184638
DATE: 2016.09.28			SHEET 63 OF 73

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Corporate No.: AECC542 RSA Job# L5251



GENERAL NOTES

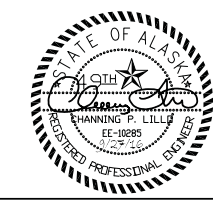
- A. SEE GENERAL NOTES ON E201.
- B. SEE EXHIBIT LIGHTING CONNECTION SCHEDULE AND SCHEDULE NOTES ON E201.

SHEET NOTES:

1. UON, NEW LIGHTS IN ROOM ARE ONE-FOR-ONE REPLACEMENT. RE-CONNECT SALVAGED ELECTRICAL CIRCUIT TO NEW LIGHTS. IF NECESSARY EXTEND AND RECONNECT TO EXISTING ELECTRICAL CIRCUIT.
2. FIELD LOCATE EMERGENCY LIGHTING INVERTER IN ATTIC AREA ON PONY WALL. SEE 2/E701.
3. PROVIDE NEW LIGHT FIXTURES AND CONNECT WITH NEW CONDUCTORS TO EXISTING HALLWAY LIGHT CIRCUIT AND SWITCHING.
4. IN ATTIC, REPLACE ALL EXISTING INCANDESCENT LIGHT BULBS IN KEYLESS SOCKETS WITH NEW LED SCREW IN BULBS (CREE 13.5W, 1100 LUMENS, 2700K, 75W INCANDESCENT REPLACEMENT BULB OR APPROVED EQUAL). ASSUME 8 KEYLESS SOCKETS IN ATTIC FOR BIDDING PURPOSES.
5. PROVIDE NEW LINE VOLTAGE OCCUPANCY SENSOR SWITCH AND RECONNECT TO SALVAGED CIRCUIT. EXTEND AND CONNECT CIRCUITRY AS REQUIRED.
6. REPLACE INCANDESCENT LIGHT BULB WITH SCREW IN TYPE LED BULB. SEE SHEET NOTE #4 ABOVE FOR CREE LED BULB TO USE.
7. PROVIDE NEW LIGHT FIXTURES AND CONNECT TO SALVAGED CIRCUIT. EXTEND AND CONNECT CIRCUITRY AS REQUIRED.
8. OCCUPANCY SENSOR IS INTEGRAL TO FIXTURE.
9. CONNECT TO CONTROL LOCAL EXHAUST FAN. SEE 1/E302.

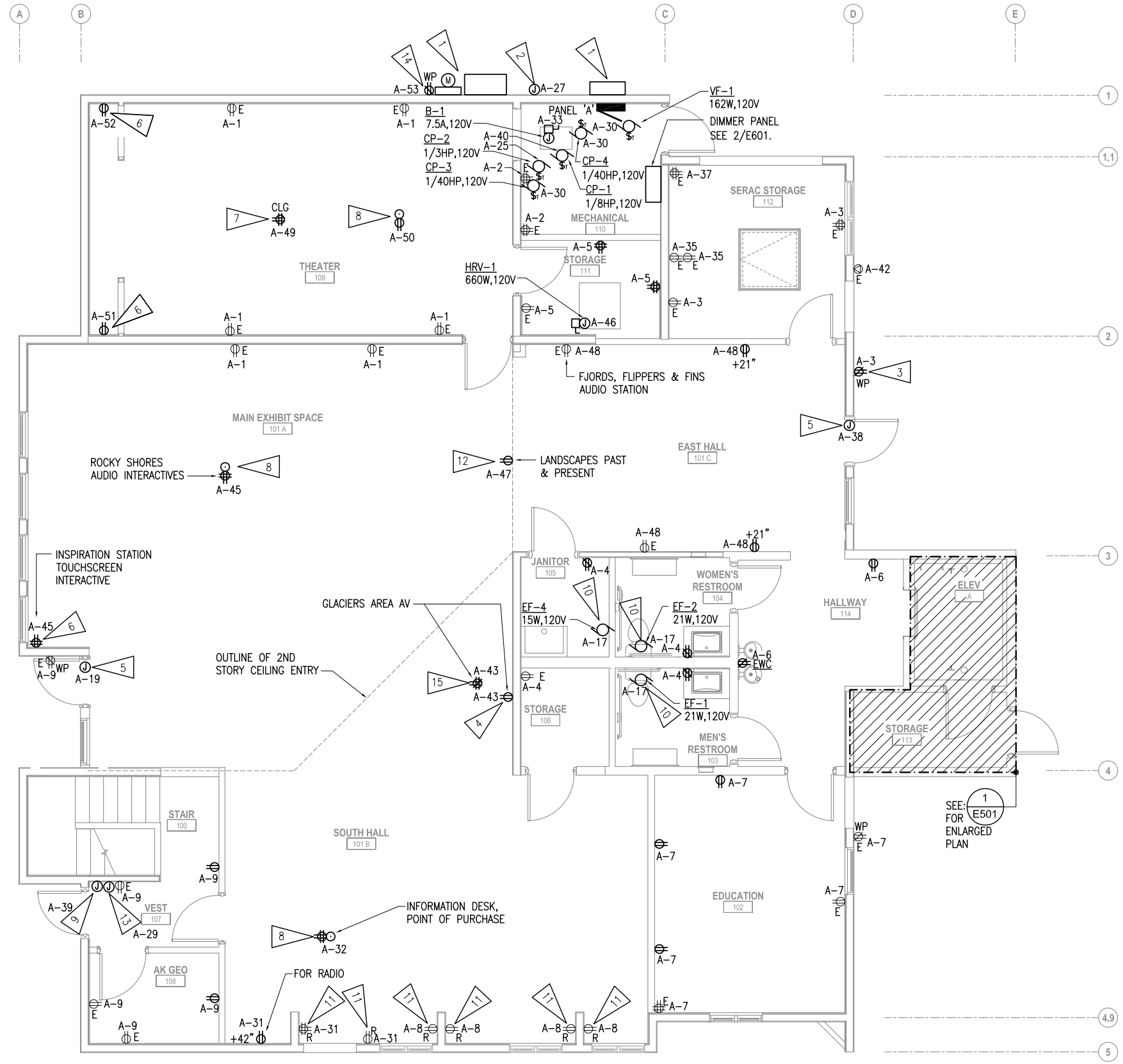
1 LIGHTING REMODEL PLAN - SECOND FLOOR

1/4" = 1'-0"



DESIGNED: MJC	SUB SHEET NO. E202	TITLE OF SHEET LIGHTING REMODEL PLAN - SECOND FLOOR	DRAWING NO. 186 80,040
CADD: MJC			PMIS/PKG NO. 184638
TECH REVIEW: CPL			SHEET 64 OF 73
DATE: 2016.09.28		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	

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Corporate No.: AECC542 RSA Job# L5251



GENERAL NOTES

- A. UON, PORTIONS OF EXISTING ELECTRICAL CIRCUITRY MAY BE RE-USED IF CODE COMPLIANT. EXTEND RECONNECT OR REPLACE AS REQUIRED. SEE SHEET FOR HOMERUN DESIGNATION TO PANEL.
- B. WHERE ITEMS ARE NOTED AS BEING RELOCATED, REINSTALL SALVAGED EQUIPMENT IN NEW LOCATION SHOWN. EXTEND AND RECONNECT TO EXISTING CIRCUIT, UON.
- C. WIRING NOT SHOWN FOR CLARITY, BUT SHALL BE PROVIDED BY CONTRACTOR TO MEET NEC REQUIREMENTS PER THE CIRCUIT ASSIGNMENTS INDICATED.
- D. UON, PROVIDE 2#12, 1#12 GND FOR ALL 15 AND 20A/1P CIRCUITS. SEE SHEET FOR HOMERUN DESIGNATIONS.

SHEET NOTES:

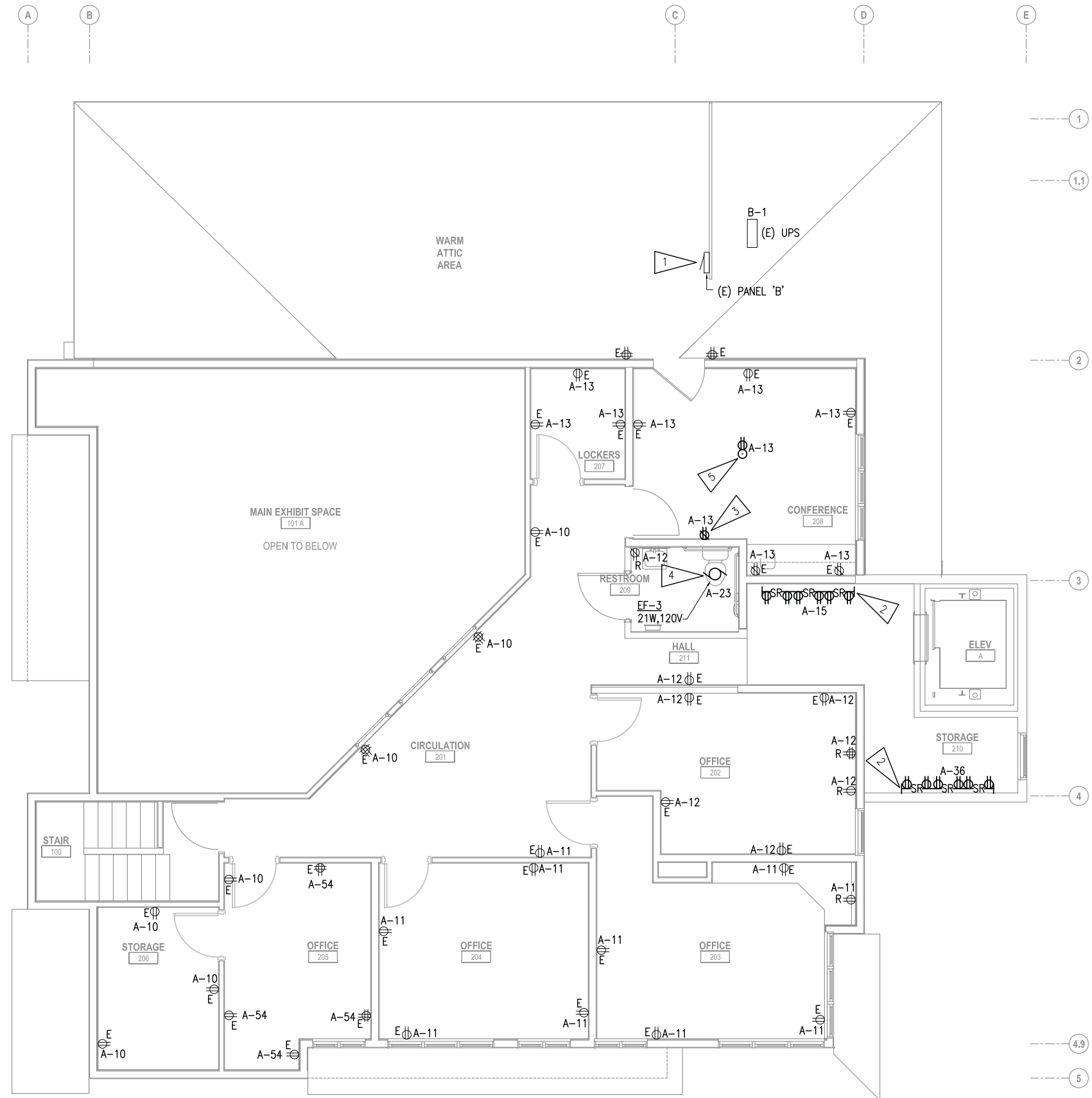
- 1. NEW SERVICE ENTRANCE EQUIPMENT. COORDINATE WITH UTILITY. SEE 2/E601.
- 2. PROVIDE 120VAC ELECTRICAL CIRCUIT FOR NEW FIRE ALARM BELL.
- 3. PROVIDE NEW GFCI RECEPTACLE AND MOUNT +18" AFF AND CONNECT WITH NEW CIRCUITRY TO EXISTING RECEPTACLE CIRCUIT.
- 4. RECESSED DUPLEX RECEPTACLE FOR CONNECTION TO AV IN-WALL SENSOR. COORDINATE WITH EXHIBIT CONTRACTOR.
- 5. PROVIDE 120V CONNECTION TO ADA DOOR OPERATORS AND PUSHBUTTONS. SEE ARCHITECTURAL FOR PUSHBUTTON LOCATIONS.
- 6. PROVIDE NEW POWER RECEPTACLE AND CONNECT TO SALVAGED CIRCUIT. EXTEND AND CONNECT CIRCUITRY.
- 7. PROVIDE NEW QUAD RECEPTACLE AND CIRCUIT FOR CEILING PROJECTOR.
- 8. COORDINATE RECEPTACLE LOCATIONS WITH FURNITURE LAYOUT. PRIOR TO ROUGH-IN.
- 9. PROVIDE NEW JUNCTION BOX FOR RELOCATED SECURITY KEYPAD AND CONNECT TO SALVAGED CIRCUIT. EXTEND AND RECONNECT CIRCUITRY.
- 10. CONNECT TO LOCAL LIGHTING CIRCUIT. SEE 1/E201.
- 11. RELOCATE RECEPTACLE +42" ABOVE CABINETS. SEE GENERAL NOTE 'B'.
- 12. LOCATE RECEPTACLE ON SECOND STORY WALL BEHIND PAST & PRESENT MONITOR. COORDINATE LOCATION PRIOR TO ROUGH IN.
- 13. PROVIDE NEW 120V CIRCUIT FOR NEW FIRE ALARM PANEL.
- 14. PROVIDE NEW GFCI RECEPTACLE AND 120V CIRCUIT AT +48" AFG. PER NEC 210.64.
- 15. CEILING MOUNTED RECEPTACLE FOR AV SENSOR. COORDINATE WITH EXHIBIT CONTRACTOR.

1 POWER REMODEL PLAN - FIRST FLOOR
1/4" = 1'-0"



DESIGNED: MJC	SUB SHEET NO. E301	TITLE OF SHEET POWER REMODEL PLAN - FIRST FLOOR	DRAWING NO. 186
CADD: MJC			80,040
TECH REVIEW: CPL			PMIS/PKG NO. 184638
DATE: 2016.09.28			SHEET 65 OF 73

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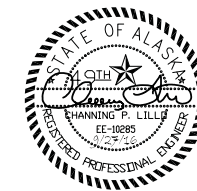
GENERAL NOTES

- A. SEE GENERAL NOTES E301.
- B. DESIGN INTENT FOR CIRCUITING ON SECOND FLOOR IS TO LEAVE EXISTING CIRCUITRY AND CIRCUIT LOADING WHERE POSSIBLE AND JUST EXTEND TO NEW PANEL. CIRCUIT ASSIGNMENTS SHOWN ARE PER THE ORIGINAL CONTRACT DOCUMENTS.

SHEET NOTES:

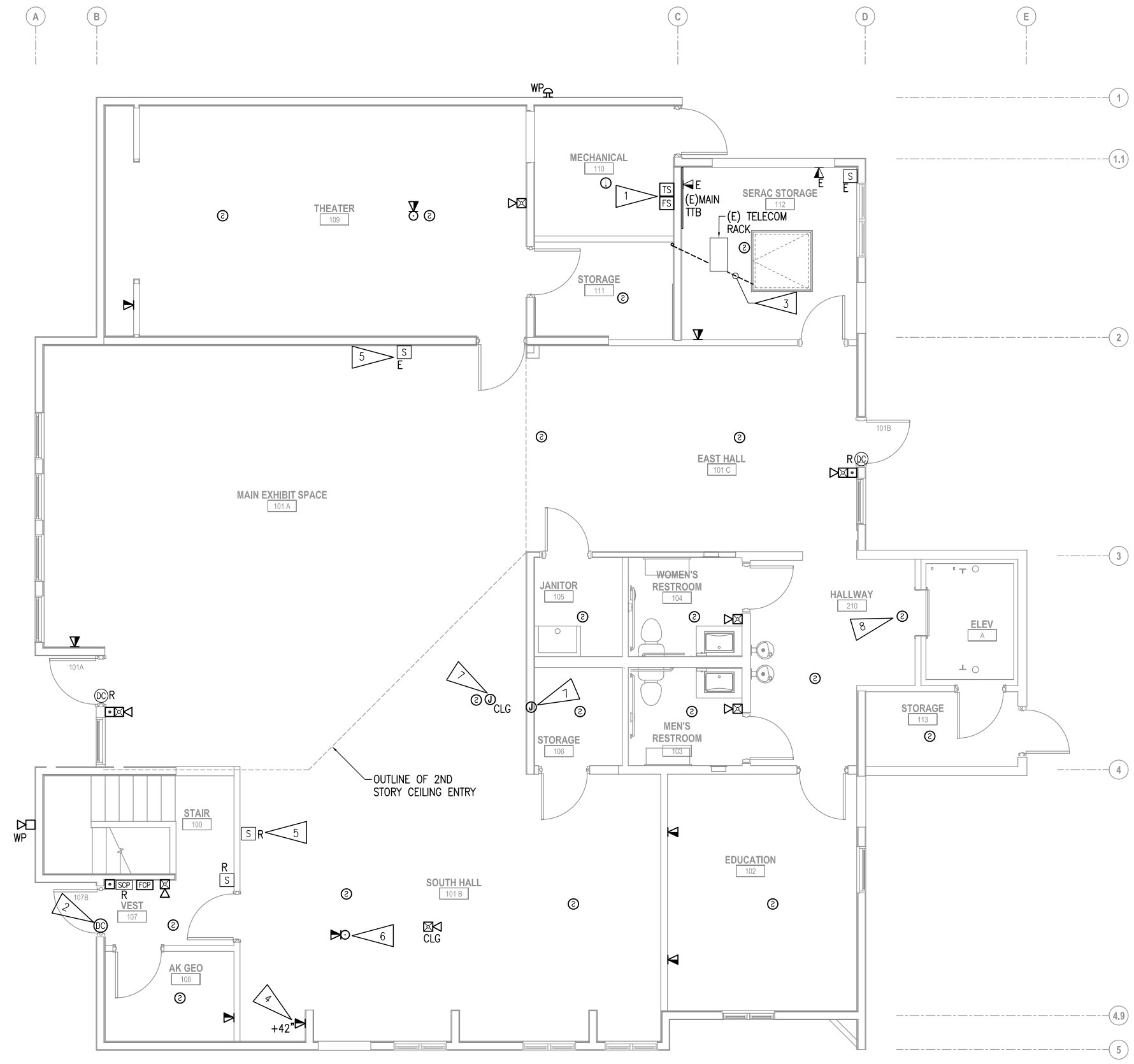
1. EXTEND AND RECONNECT EXISTING LOAD CENTER TO NEW PANEL 'A'. SEE 2/E601.
2. PROVIDE NEW SURFACE RACEWAY AND RECEPTACLES. MOUNT +44" AFF.
3. PROVIDE NEW GFCI RECEPTACLE AND CONNECT TO SALVAGED CONDUCTORS. EXTEND AND RECONNECT TO SALVAGED CIRCUIT.
4. PROVIDE NEW CIRCUITRY AND CONNECT TO LOCAL LIGHTING CIRCUIT. SEE 1/E202.
5. PROVIDE NEW CIRCUITRY AND CONNECT TO LOCAL RECEPTACLE CIRCUIT. COORDINATE LOCATION WITH CONTRACTING OFFICER, PRIOR TO ROUGH-IN.

1 POWER REMODEL PLAN - SECOND FLOOR
1/4" = 1'-0"



DESIGNED: MJC	SUB SHEET NO. E302	TITLE OF SHEET POWER REMODEL PLAN - SECOND FLOOR	DRAWING NO. 186 80,040
CADD: MJC			PMIS/PKG NO. 184638
TECH REVIEW: CPL			SHEET
DATE: 2016.09.28			66 OF 73

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Corporate No.: AECC542 RSA Job# L5251



GENERAL NOTES

- A. WHERE ITEMS ARE NOTED AS BEING RELOCATED, REINSTALL SALVAGED EQUIPMENT IN NEW LOCATION SHOWN. EXTEND AND RECONNECT TO EXISTING CIRCUIT, UON.
- B. SEE 1/E602 FIRE ALARM ONE-LINE DIAGRAM.
- C. PROVIDE ROUGH-IN ONLY FOR ALL NEW TELECOMMUNICATION BOXES SHOWN. ALL OTHER TELECOMMUNICATION UPGRADES SHALL BE PERFORMED BY NPS. SEE 3/E701 TELECOM ROUGH-IN DETAIL.

SHEET NOTES

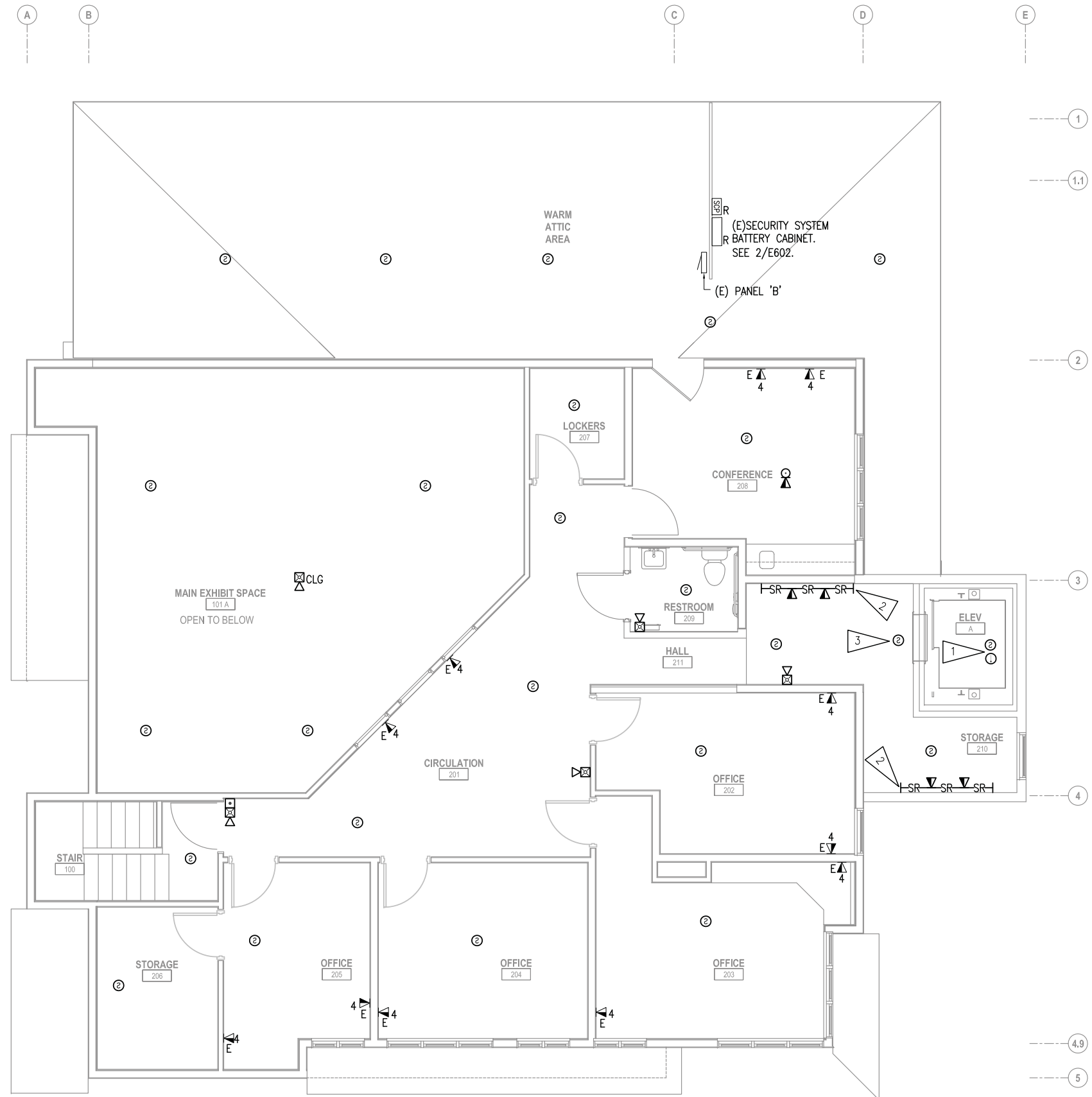
- 1. COORDINATE NUMBER AND LOCATION OF FLOW AND TAMPER SWITCHES WITH SPRINKLER CONTRACTOR PRIOR TO ROUGH-IN.
- 2. PROVIDE NEW DOOR CONTACT THAT IS COMPATIBLE WITH EXISTING SECURITY PANEL AND CONNECT TO SECURITY PANEL. SEE 2/E602 SECURITY ONE-LINE DIAGRAM.
- 3. PROVIDE EMPTY CONDUIT FROM CRAWL SPACE, THROUGH NORTHEAST CORNER OF STORAGE 111 THEN TO ATTIC. NPS TO PROVIDE DATA CABLES. PRIOR TO ROUGH-IN COORDINATE SIZE OF CONDUIT WITH NPS. ASSUME 3" CONDUIT FOR BIDDING PURPOSES. SEE 3/E701.
- 4. TELECOM JACK FOR PHONE.
- 5. MOUNT SECURITY AREA DETECTOR CENTERED WITHIN BLACK BAND.
- 6. COORDINATE RECEPTACLE LOCATIONS WITH FURNITURE LAYOUT. PRIOR TO ROUGH-IN.
- 7. PROVIDE 1" CONDUIT WITH PULLSTRING FROM AV SPEAKER TO THEATER AV RACK. COORDINATE WITH EXHIBIT CONTRACTOR.
- 8. SMOKE DETECTOR FOR ELEVATOR RECALL.

1 SIGNAL REMODEL PLAN - FIRST FLOOR
1/4" = 1'-0"



DESIGNED: MJC	SUB SHEET NO. E401	TITLE OF SHEET SIGNAL REMODEL PLAN - FIRST FLOOR	DRAWING NO. 186
CADD: MJC			80,040
TECH REVIEW: CPL			PMIS/PKG NO. 184638
DATE: 2016.09.28			SHEET 67 OF 73
		SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	

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Corporate No.: AECC542 RSA Job# L5251



GENERAL NOTES

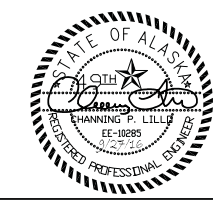
A. SEE SHEET E401 FOR GENERAL NOTES.

SHEET NOTES:

1. LOCATE SMOKE AND HEAT DETECTORS AT THE TOP OF THE ELEVATOR SHAFT.
2. PROVIDE NEW SURFACE RACEWAY AND ROUGH-IN FOR TELECOM OUTLETS. MOUNT +44" AFF.
3. SMOKE DETECTOR FOR ELEVATOR RECALL.

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1 SIGNAL REMODEL PLAN - SECOND FLOOR
 1/4" = 1'-0"



DESIGNED: MJC	SUB SHEET NO. E402	TITLE OF SHEET SIGNAL REMODEL PLAN - SECOND FLOOR	DRAWING NO. 186 80,040
CADD: MJC			PMIS/PKG NO. 184638
TECH REVIEW: CPL			SHEET
DATE: 2016.09.28			68 OF 73

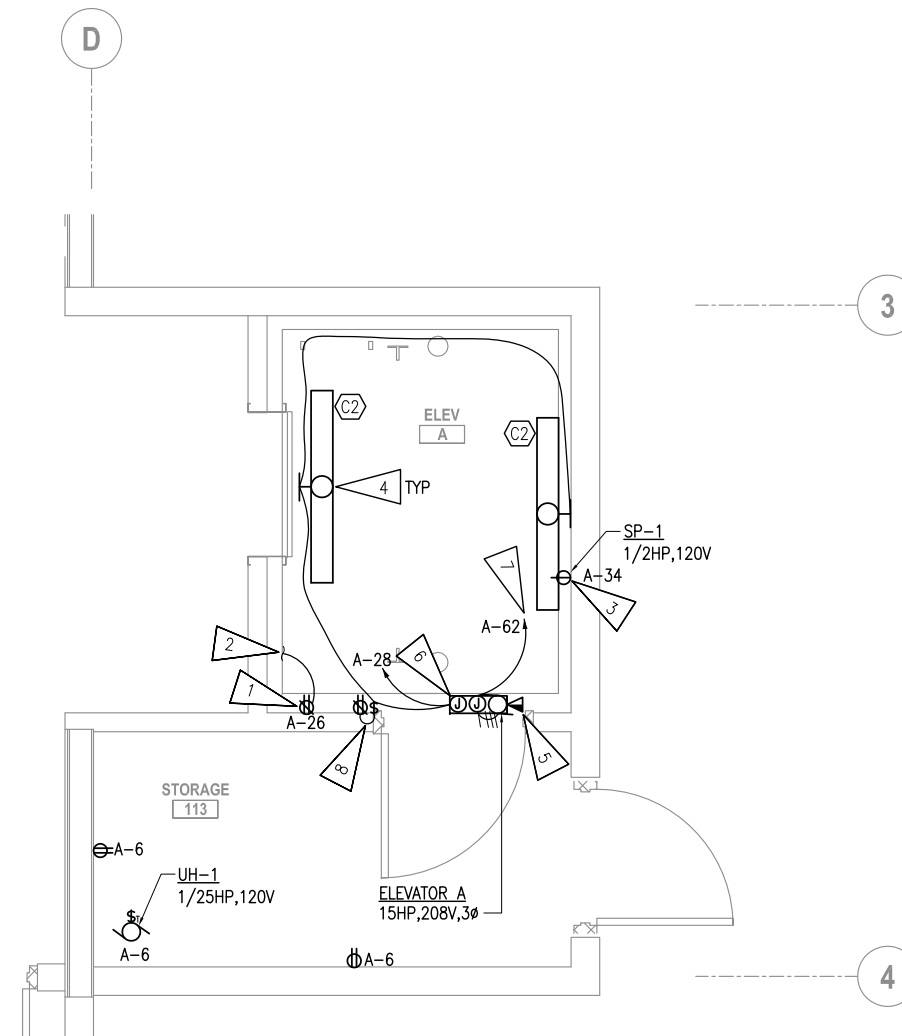
SEWARD VISITOR CENTER REHAB
 KENAI FJORDS NATIONAL PARK

GENERAL NOTES

A. SEE GENERAL NOTES E301.

SHEET NOTES:

1. GFCI RECEPTACLE LOCATED IN ELEVATOR PIT.
2. CONNECT CIRCUIT TO ELEVATOR PIT LIGHT. SEE 1/E201.
3. RECEPTACLE FOR SP-1 LOCATED IN ELEVATOR PIT.
4. MOUNT FIXTURES ABOVE LANDING DOOR. COORDINATE WITH ELEVATOR SHOP DRAWINGS PRIOR TO ROUGH-IN.
5. PROVIDE A DEDICATED PHONE LINE FOR ELEVATOR.
6. PROVIDE CONNECTION TO "MACHINE ROOM-LESS" ELEVATOR CONTROLLER. PROVIDE SINGLE POINT CONNECTION FOR MAIN TO ELEVATOR CONTROLLER AND A SECOND DEDICATED 20A, 120V BRANCH CIRCUIT FOR THE ELEVATOR CAB LIGHTS, CAB VENTILATION ETC. ELEVATOR CONTROLLER FURNISHED WITH MAIN FEEDER LINE DISCONNECT AND ELEVATOR CAB DISCONNECT.
7. ROUTE MAIN POWER FEED TO PANEL 'A' IN MECHANICAL 110. SEE 2/E601 FOR FEEDER SIZE.
8. COORDINATE LOCATION WITH ELEVATOR MANUFACTURER SHOP DRAWINGS PRIOR TO ROUGH-IN.

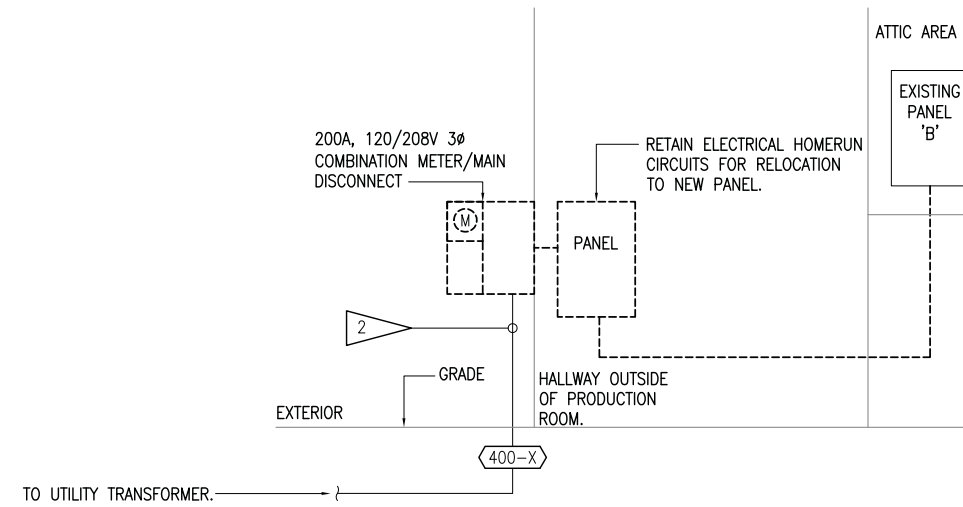


1 ENLARGED POWER & SIGNAL REMODEL PLAN - ELEVATOR
 1/2" = 1'-0"

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 Corporate No.: AECC542 RSA Job# L5251



DESIGNED: MJC	SUB SHEET NO. E501	TITLE OF SHEET ENLARGED POWER & SIGNAL REMODEL PLAN - FIRST FLOOR SEWARD VISITOR CENTER REHAB KENAI FJORDS NATIONAL PARK	DRAWING NO. 186 80,040
CADD: MJC			PMIS/PKG NO. 184638
TECH REVIEW: CPL			SHEET
DATE: 2016.09.28			69 OF 73

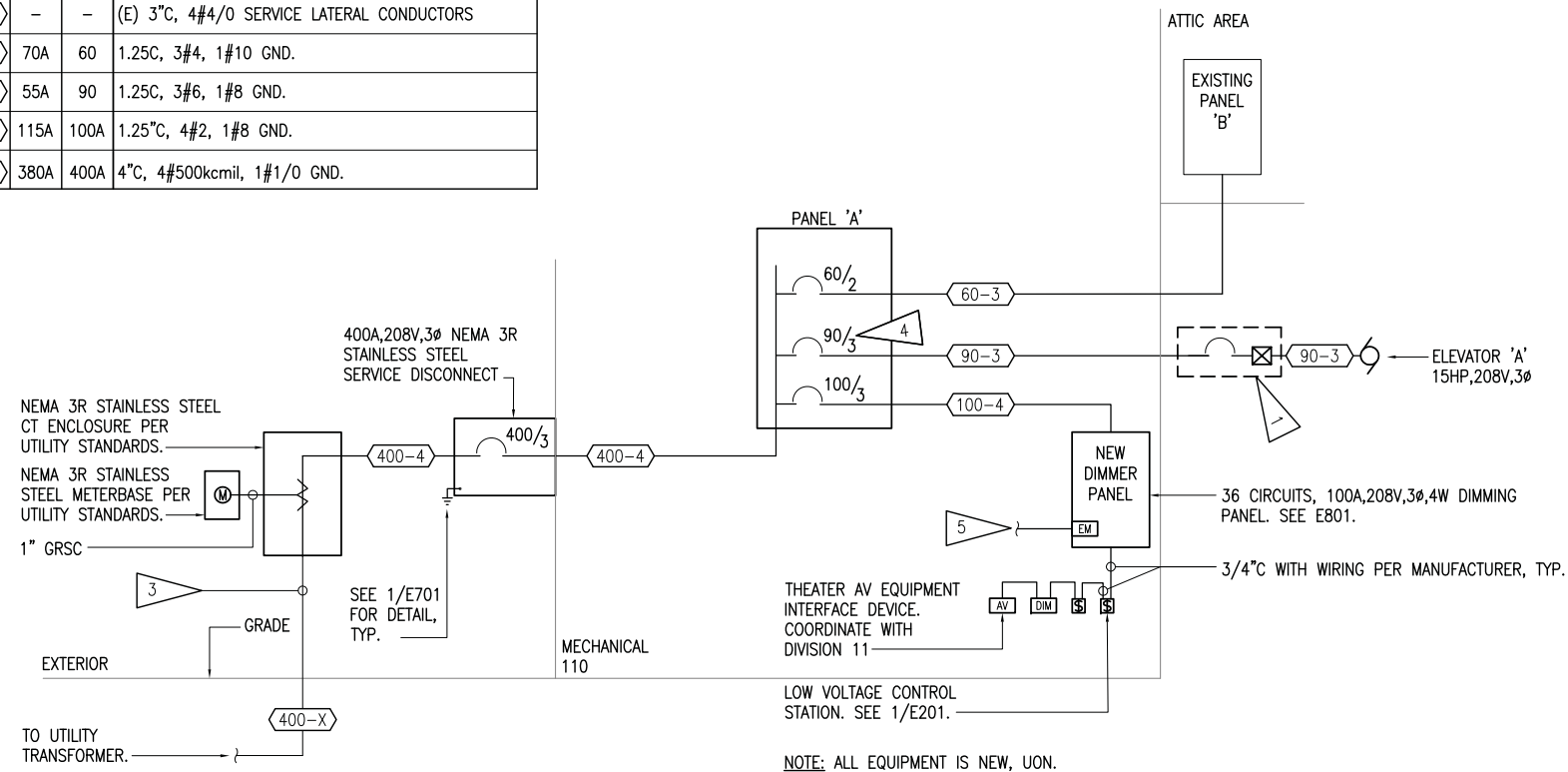


SHEET NOTES:

- ELEVATOR CONTROLLER FURNISHED WITH SINGLE POINT CONNECTION MAIN FEEDER LINE DISCONNECT.
- COORDINATE WITH LOCAL UTILITY COMPANY TO DISCONNECT EXISTING SERVICE LATERAL CONDUCTORS AND SALVAGE FOR RECONNECTION TO NEW CT'S. DISCONNECT EXISTING 3" CONDUIT FROM DEMOLISHED SERVICE ENTRANCE METER/MAIN COMBO AND SALVAGE FOR RECONNECTION TO NEW CT CABINET. SEE 2/E601.
- RECONNECT SALVAGED 3" CONDUIT TO NEW CT CABINET AND COORDINATE WITH LOCAL UTILITY COMPANY TO RE-CONNECT SALVAGED SERVICE LATERAL CONDUCTORS TO NEW CT'S.
- COORDINATE BREAKER SIZE WITH ELEVATOR MANUFACTURER PRIOR TO ORDERING.
- PROVIDE EMERGENCY BYPASS RELAY FOR EM LIGHTING IN THEATER.

1 ELECTRICAL ONE-LINE DIAGRAM - DEMOLITION
NO SCALE

FEEDER SCHEDULE			
FEEDER TAG	COND. AMPS	BRKR SIZE	3 PHASE CONDUCTORS, NEUTRAL AND GROUND (TAG #100-4, FOR EXAMPLE)
400-X	-	-	(E) 3" C, 4#4/0 SERVICE LATERAL CONDUCTORS
60-3	70A	60	1.25C, 3#4, 1#10 GND.
90-3	55A	90	1.25C, 3#6, 1#8 GND.
100-4	115A	100A	1.25" C, 4#2, 1#8 GND.
400-4	380A	400A	4" C, 4#500kcmil, 1#1/0 GND.



2 ELECTRICAL ONE-LINE DIAGRAM - REMODEL
NO SCALE

RSA ENGINEERING, INC.
MECHANICAL AND ELECTRICAL CONSULTING ENGINEERS
670 West Fireweed Lane, Suite 200 - Anchorage, AK 99503 - (907) 276-0521
191 East Swanson Ave., Suite 101 - Wasilla, AK 99654 - (907) 357-1521
Corporate No.: AECC542 RSA Job# L5251

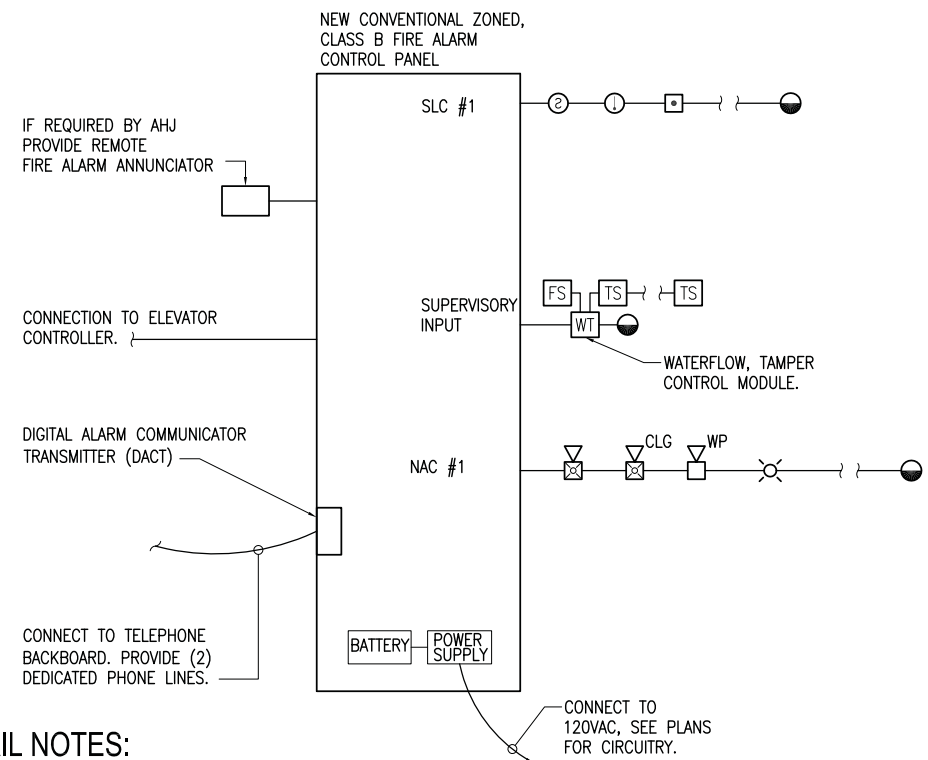


DESIGNED: MJC
CADD: MJC
TECH REVIEW: CPL
DATE: 2016.09.28

SUB SHEET NO. E601

TITLE OF SHEET
ELECTRICAL ONE-LINE DIAGRAMS
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

DRAWING NO. 186
80,040
PMIS/PKG NO. 184638
SHEET 70 OF 73

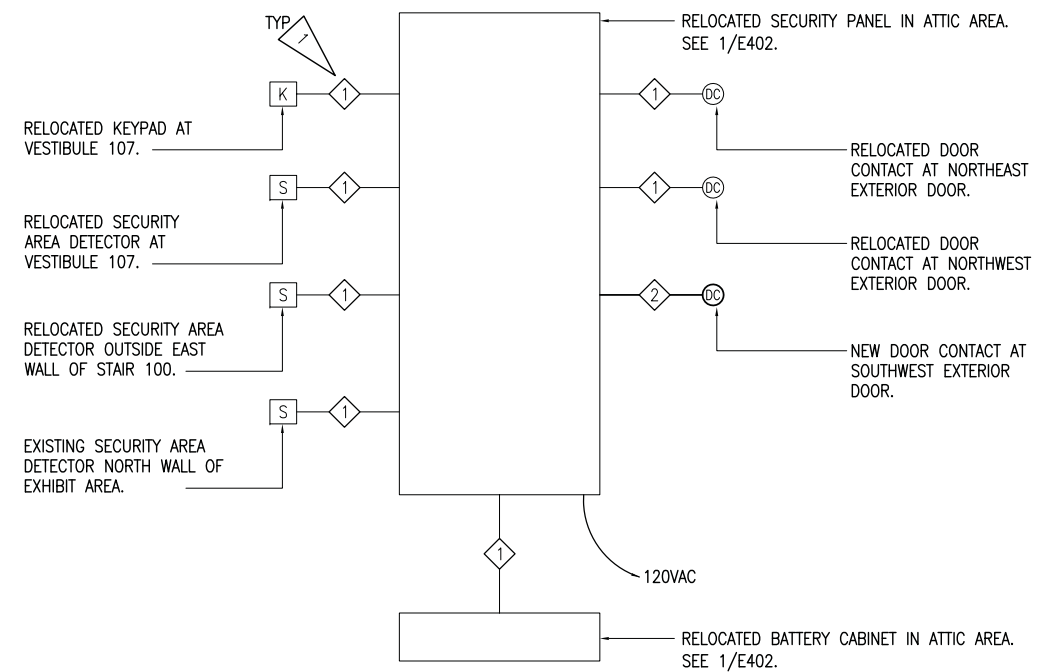


DETAIL NOTES:

- SEE POWER AND SIGNAL SHEETS FOR NUMBER AND LOCATION OF ALL FIRE ALARM EQUIPMENT, DEVICES, ETC.
- SIZE CONDUIT AND WIRES IN ACCORDANCE WITH FIRE ALARM SYSTEM MANUFACTURER RECOMMENDATIONS AND SPECIFICATIONS.
- COORDINATE INSTALLATION OF SMOKE DETECTORS WITH AIR SUPPLY AND RETURN DIFFUSERS TO MAINTAIN MINIMUM 36" SEPARATION PER NFPA 72 REQUIREMENTS.
- EXACT NUMBER OF FLOW AND TAMPER SWITCHES TO BE DETERMINED BY SPRINKLER SUPPLIER. FIELD COORDINATE WITH SPRINKLER INSTALLER PRIOR TO BIDDING FOR NUMBER AND LOCATION OF TAMPER AND FLOW SWITCHES.

1 FIRE ALARM ONE-LINE DIAGRAM
NO SCALE

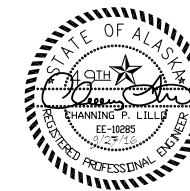
SECURITY SYSTEM CABLE SCHEDULE	
TAG	CABLE
1	EXISTING CONDUIT AND CONDUCTORS
2	MATCH EXISTING CONDUIT AND CONDUCTOR TYPES



SEE PLANS FOR QUANTITIES AND LOCATIONS OF ALL SECURITY SYSTEM DEVICES.

2 SECURITY SYSTEM ONE-LINE DIAGRAM
NO SCALE

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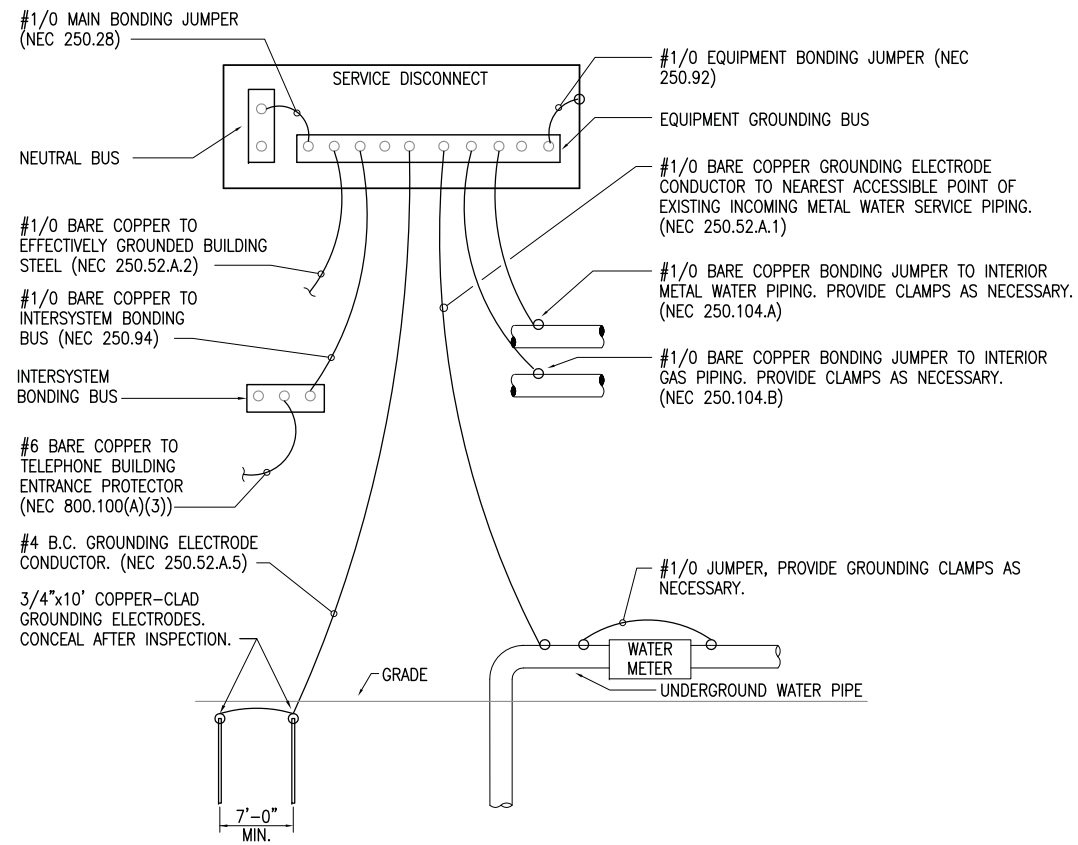


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CADD: MJC
TECH REVIEW: CPL
DATE: 2016.09.28

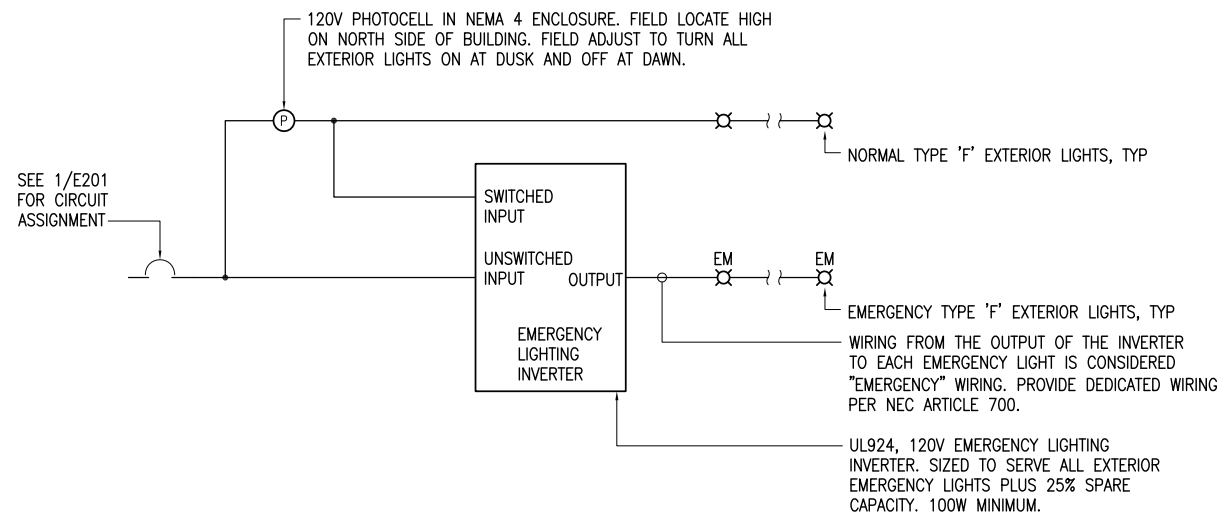
SUB SHEET NO. E602

TITLE OF SHEET
FIRE ALARM & SECURITY ONE-LINE DIAGRAMS
SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

DRAWING NO. 186
80,040
PMIS/PKG NO. 184638
SHEET 71 OF 73

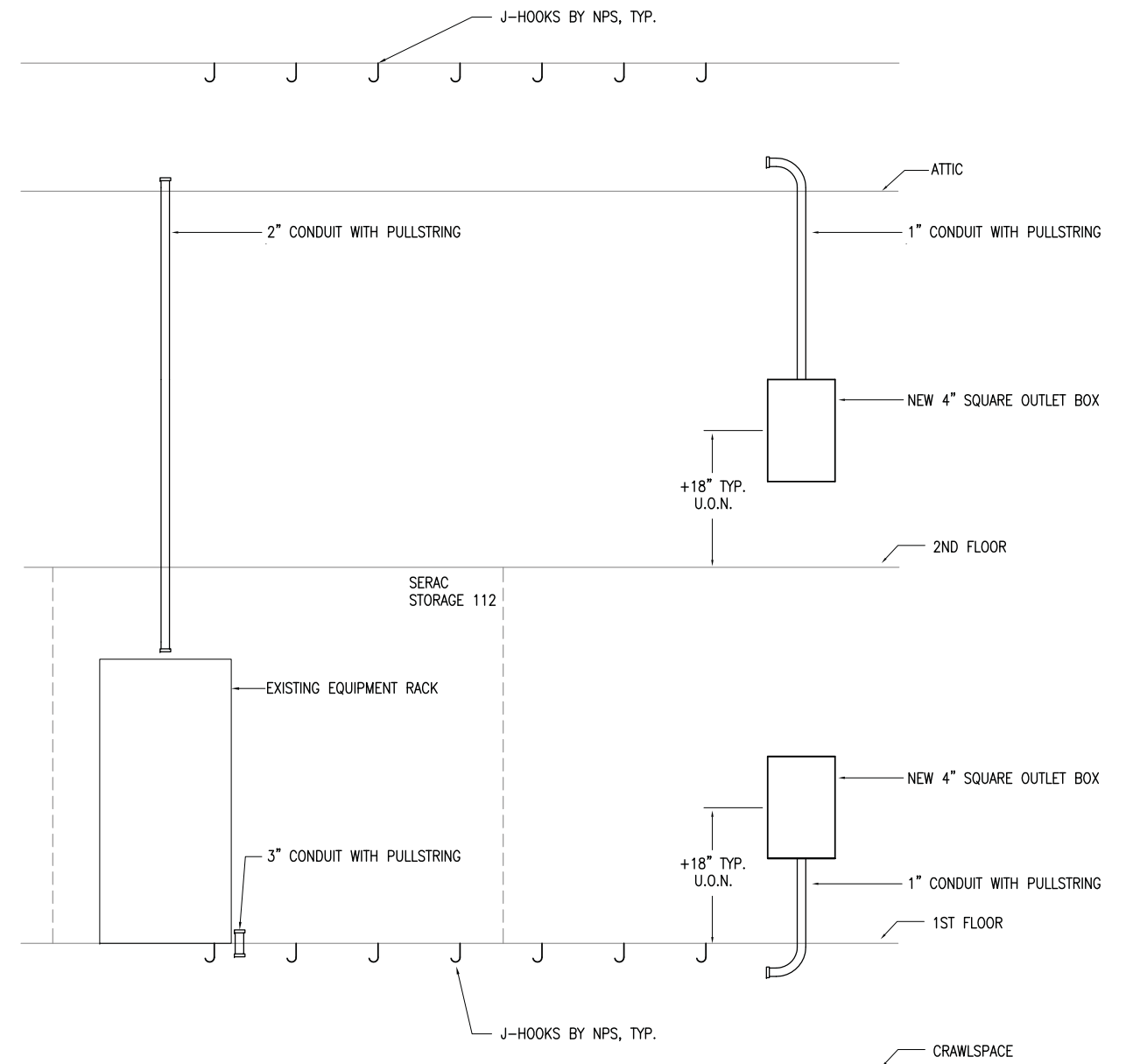


1 SERVICE GROUNDING DETAIL
NO SCALE



2 EMERGENCY EXTERIOR LIGHTING DETAIL
NO SCALE

ALL TELECOMMUNICATION EQUIPMENT AND CABLES GOVERNMENT FURNISHED AND GOVERNMENT INSTALLED



3 TELECOM ROUGH-IN DETAIL
NO SCALE

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DESIGNED: MJC	SUB SHEET NO. E701	TITLE OF SHEET DETAILS	DRAWING NO. 186
CADD: MJC			80,040
TECH REVIEW: CPL			PMIS/PKG NO. 184638
DATE: 2016.09.28			SHEET 72 OF 73

SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

NEW PANEL 'A'																											
MFR/MODEL: SQUARE 'D' TYPE NQ												VOLTS: 120/208V,3PH,4W						ENCLOSURE: NEMA 1						400 A			
MTG SPACE: AS REQUIRED												VOLT-AMPS						MTG: SURFACE									
NOTE	CIRC	POLE	AMPS	SERVICE	TYPE	A	B	C	TYPE	SERVICE	AMPS	POLE	CIRC	NOTE													
	1	1	20	RECP EXHIBT101,THEATER109,	RECP	1080	720		MISC	RECP MECH 110	20	1	2														
	3	1	20	RECP EXT, SERAC STO 112	RECP		720	720	RECP	RECP RR103,4 JAN105,STO106	20	1	4														
	5	1	20	RECP STORAGE 111	RECP			900	816	MISC	RECP RM113,114, EWC, UH-1	20	1	6													
	7	1	20	RECP ED102 EXHBT101, EXT	RECP	1260	720		RECP	RECP EXHIBIT 101	20	1	8														
	9	1	20	RECP GEO108, VEST107 EX	RECP		1080	1620	RECP	RECP OFF205,STO206 CIR201	20	1	10														
	11	1	20	RECP OFF203,204,CIR201	RECP			1800	1620	RECP	RECP OFF202, CIR201, RR209	20	1	12													
	13	1	20	RECP CONF 208, LOCK 207	RECP	1800	135		LTG	LTG ATTIC LIGHTS	20	1	14														
	15	1	20	RECP SR IN CIRC 201	RECP		1080	136	LTG	LTG RM 101,106,107	20	1	16														
	17	1	20	LTG RM102-106,113,114,EF-1,2,4	LTG			489	292	LTG	LTG RM 110,111,112	20	1	18													
	19	1	20	NORTHWEST ADA OPERATOR	MISC	500	66		LTG	LTG EXTERIOR WALL LIGHTS	20	1	20														
	21	1	20	LTG CRAWLSPACE	LTG		108	521	LTG	LTG OFFICE 202, 203, 204	20	1	22														
	23	1	20	LTG RM 207-209, EF-3 RM209	LTG			308	754	LTG	LTG STAIR, CIRC201, OFF205,STO206	20	1	24													
	25	1	15	CP-2 MECH 110	MOTR	864	260		MISC	ELEVATOR PIT LGHT & RECP	20	1	26														
c	27	1	20	EXTERIOR F/A BELL	MISC		500	260	MISC	ELEVATOR CAB LGHT & RECP	20	1	28														
c	29	1	20	FIRE ALARM CIRCUIT	MISC			500	426	MOTR	CP-3, CP-4 VF-1 MECH 110	15	1	30													
	31	1	20	OAS & ODB & RADIO	MISC	540	720		MISC	INFORMATION DESK POPS	20	1	32														
	33	1	15	B-1 MECH 110	MOTR		900	1176	MOTR	SP-1 ELEVATOR SUMP PIT	20	1	34														
	35	1	20	RECP TELECOM RACK	RECP			360	1080	RECP	RECP SR IN CIRC 201	20	1	36													
	37	1	20	RECP TTB	RECP	360	500		MISC	NORTHEAST ADA OPERATOR	20	1	38														
	39	1	20	SECURITY KEYPAD	MISC		500	432	MOTR	CP-1 MECH 110	15	1	40														
	41	1	20	SPARE					SPEC	OUTSIDE SHOP OUTLET	30	2	42														
	43	1	20	SPARE			2000		SPEC	^^	30	2	44														
	45	1	20	ISTI & RSAI	MISC		720	660	MOTR	HRV-1 MECH 110	15	1	46														
	47	1	20	LANDSCAPE P&P	MISC			360	360	MISC	FF&FAS, CWFWI	20	1	48													
	49	1	20	CEILING PROJ THEATER 109	MISC	500	180		RECP	RECP FLOOR THEATER 109	20	1	50														
	51	1	20	AV RACKS THEATER 109	MISC		500	500	MISC	AV RACKS THEATER 109	20	1	52														
	53	1	20	RECP EXT SERVICE ENT.	RECP			180	1080	RECP	RECP OFFICE 205	20	1	54													
	55	1	20	SPARE						SPARE	20	1	56														
	57	1	20	SPARE						SPARE	20	1	58														
	59	1	20	SPARE						SPARE	20	1	60														
	61	1	20	SPARE			5800		MOTR	ELEVATOR	*	3	62	a,b													
	63	1	20	SPARE				5800	MOTR	^^^	*	3	64	a,b													
	65	1	20	SPARE				5800	MOTR	^^^	*	3	66	a,b													
a	67	3	*	EXISTING PANEL 'B'	FEDR	3304	7884		FEDR	NEW DIMMER PANEL	*	3	68	a													
a	69	3	*	^^^	FEDR		2000	6475	FEDR	^^^	*	3	70	a													
a	71	3	*	^^^	FEDR			1000	6859	FEDR	^^^	*	3	72	a												
TOTAL V-A						29193		26408						82,585 VA													
TOTAL AMPS						243		220						229 A													
AVAILABLE FAULT CURRENT:						9.253 A		AIC RATING: 10,000																			
						LTG	REC	MOTR	LG MTR	MISC	KIT	HEAT	SPEC	TOTAL		AMPS											
CONNECTED LOAD IN KVA (THIS PANEL):						2.81	17.64	21.86	4.35	8.76	0.00	0.00	4.00	55.1 KVA		153 A											
CONNECTED LOAD IN KVA (BRANCH PANELS):						21.22	0.00	0.00	0.00	6.30	0.00	0.00	0.00	27.5 KVA		76 A											
TOTAL CONNECTED LOAD IN KVA:						24.03	17.64	21.86	4.35	15.06	0.00	0.00	4.00	82.6 KVA		229 A											
DEMAND LOAD IN KVA:						30.03	13.82	21.86	4.35	15.06	0.00	0.00	4.00	89.1 KVA		247 A											

EXISTING PANEL 'B'																											
MFR/MODEL: UNKNOWN												VOLTS: 120/208V,3PH,4W						ENCLOSURE: NEMA 1						100 A			
MTG: SURFACE												VOLT-AMPS						MTG: SURFACE									
NOTE	CIRC	POLE	AMPS	SERVICE	TYPE	A	B	C	TYPE	SERVICE	AMPS	POLE	CIRC	NOTE													
a	1	1	30	UPS	MISC	2304	1000		MISC	UNKNOWN	20	1	2	a													
a	3	1	20	UNKNOWN	MISC		1000	1000	MISC	UNKNOWN	20	1	4	a													
	5	1	-	SPACE					MISC	UNKNOWN	20	1	6	a													
	7	1	-	SPACE						SPACE	-	1	8														
	9	1	-	SPACE						SPACE	-	1	10														
	11	1	-	SPACE						SPACE	-	1	12														
	13	1	-	SPACE						SPACE	-	1	14														
	15	1	-	SPACE						SPACE	-	1	16														
	17	1	-	SPACE						SPACE	-	1	18														
	19	1	-	SPACE						SPACE	-	1	20														
	21	1	-	SPACE						SPACE	-	1	22														
TOTAL V-A						3304		2000		1000				6,304 VA													
TOTAL AMPS						28		17		8				17 A													
A.I.C. RATING: 10,000																											
						LTG	REC	MOTR	LG MTR	MISC	KIT	HEAT	SPEC	TOTAL		AMPS											
CONNECTED LOAD IN KVA (THIS PANEL):						0.00	0.00	0.00	0.00	6.30	0.00	0.00	0.00	6.3 KVA		17 A											
TOTAL CONNECTED LOAD IN KVA:						0.00	0.00	0.00	0.00	6.30	0.00	0.00	0.00	6.3 KVA		17 A											
DEMAND LOAD IN KVA:						0.00	0.00	0.00	0.00	6.30	0.00	0.00	0.00	6.3 KVA		17 A											

PANEL NOTES:
a EXISTING LOADS ESTIMATED.

PANEL OPTIONS:
MAIN LUGS ONLY

NEW DIMMER PANEL 'DIM'																											
MFR/MODEL: LUTRON #GP												VOLTS: 120/208V,3PH,4W						ENCLOSURE: NEMA 1						175 A			
MTG: SURFACE												VOLT-AMPS						MTG: SURFACE									
NOTE	CIRC	POLE	AMPS	SERVICE	TYPE	A	B	C	TYPE	SERVICE	AMPS	POLE	CIRC	NOTE													
a,b	1	1	20	E01-TRACK(NW) 1 OF 3	LTG	1050	1050		LTG	E02-TRACK(NW) 2 OF 3	20	1	2	a,b													
a,b	3	1	20	E03-TRACK(NW) 3 OF 3	LTG		1050	1200	LTG	E04-TRACK(SE)	20	1	4	a,b													
a,b	5	1	20	E05-TRACK(S) 1 OF 3	LTG			1200	1200	LTG	E06-TRACK(S) 2 OF 3	20	1	6	a,b												
a,b	7	1	20	E07-TRACK(S) 3 OF 3	LTG	1725	975		LTG	E08-TRACK(SW)	20	1	8	a,b													
a,b	9	1	20	E09-TRACK LOW(E)	LTG		825	1275	LTG	E10-TRACK LOW(W)	20	1	10	a,b													
a,b	11	1	20	E11-TRACK HIGH(N) 1 OF 6	LTG			2250	1875	LTG	E12-TRACK HIGH(N) 2 OF 6	20	1	12	a,b												
a,b	13	1	20	E13-TRACK HIGH(MD) 3 OF 6	LTG	1875	1125		LTG	E14-TRACK HIGH(SE) 4 OF 6	20	1	14	a,b													
a,b	15	1	20	E15-TRACK HIGH(S) 5 OF 6	LTG		1125	750	LTG	E16-TRACK HIGH(S) 6 OF 6	20	1	16	a,b													
c	17	1	20	E17-E19 DEC PENDS(S)	LTG			57	80	LTG	E20-E22 SURFACE MNT DEC	20	1	18	c												
c	19	1	20	E24,E25 WAVE LGHT PROJ(E)	LTG	30	30		LTG	E25-E27 WAVE LGT PROJ(NE)	20	1	20	c													
c	21	1	20	E28-MICROSPOTS(NE)	LTG		75	175	LTG	THEATER CAN LIGHTS	20	1	22	d													
d	23	1	20	THEATER DECORATIVE PEN	LTG			81	116	LTG	EMERGENCY LIGHTS	20	1	24	e												
d	25	1	20	THEATER LIGHTS FRONT	LTG	24				SPARE	20	1	26														
	27	1	20	SPARE						SPARE	20	1	28														
	29	1	-	SPACE						SPACE	-	1	30														
	31	1	-	SPACE						SPACE	-	1	32														
	33	1	-	SPACE						SPACE	-	1	34														
	35	1	-	SPACE						SPACE	-	1	36														
TOTAL V-A						7884		6475		6859				21,218 VA													
TOTAL AMPS						66		54		57				59 A													
A.I.C. RATING: 10,000																											
						LTG	REC	MOTR	LG.MT	MISC	KIT	HEAT	SPEC	TOTAL		AMPS											
CONNECTED LOAD IN KVA (THIS PANEL):						21.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.2 KVA		59 A											
TOTAL CONNECTED LOAD IN KVA:						21.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.2 KVA		59 A											
DEMAND LOAD IN KVA:						26.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.5 KVA		74 A											

PANEL NOTES:
a PROVIDE 20A DIMMER, FULLY COMPATIBLE WITH THE LED TRACK HEADS FURNISHED UNDER DIV. 11.
b LOAD INDICATED IS PER NEC 220.43(B) AND IS NOT INTENDED TO LIMIT TRACK LENGTH, IT IS SHOWN FOR THE FEEDER AND SERVICE LOAD CALCULATIONS.
c PROVIDE 20A DIMMER, FULLY COMPATIBLE WITH THE LED FIXTURE FURNISHED UNDER EXHIBIT CONTRACT.
d PROVIDE 20A DIMMER, FULLY COMPATIBLE WITH THE LED FIXTURES SERVED.
e PROVIDE 20A ON/OFF BREAKER WITH LU924 EMERGENCY LOAD CONTROL WITH LOCK ON HANDLE.

PANEL OPTIONS:
MAIN LUGS ONLY

SHORT CIRCUIT CALCULATION SUMMARY

FAULT ANALYSIS WAS PERFORMED USING POINT-TO-POINT METHOD.
THE FOLLOWING ARE THE UTILITY CONTRIBUTION AND EQUIPMENT ASSUMPTIONS:

AVAILABLE FAULT CURRENT AT UTILITY XFMR: INFINITE BUS
UTILITY TRANSFORMER SIZE: 150 KVA
UTILITY TRANSFORMER IMPEDENCE: 2.20 %
SERVICE LATERAL # PARALLEL RUNS: 1 EA.
SERVICE LATERAL SIZE: #4/0 KCMIL AI
SERVICE LATERAL LENGTH: 75 FEET
SERVICE LATERAL CONDUIT TYPE: METALLIC
TOTAL MOTOR CONTRIBUTIONS: 61 AMPS

AVAILABLE FAULT CURRENT AT MDP: 9253 A RMS (SYM)

NOTE: VERIFY THE ABOVE TRANSFORMER RATINGS AND SERVICE LATERAL SIZE/TYPE WITH LOCAL UTILITY PRIOR TO ORDERING EQUIPMENT.
ADJUST EQUIPMENT SHORT CIRCUIT RATINGS ACCORDINGLY BASED ON ACTUAL EQUIPMENT INSTALLED BY UTILITY. INSTALL LABEL ON SERVICE EQUIPMENT INDICATING DATE AND FINAL CALCULATION RESULTS PER NEC 110.24.

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DESIGNED: MJC
CADD: MJC
TECH REVIEW: CPL
DATE: 2016.09.28

SUB SHEET NO. **E801**

TITLE OF SHEET
PANEL SCHEDULES

SEWARD VISITOR CENTER REHAB
KENAI FJORDS NATIONAL PARK

DRAWING NO. **186**
80,040
PMIS/PKG NO. **184638**
SHEET
73 OF **73**