

**GLACIER FIRE STATION M/E UPGRADES &
JUNEAU FIRE STATION GENERATOR REPLACEMENT**

VOLUME II of II

Contract No. BE22-108

File No. 2182



GLACIER FIRE STATION M/E UPGRADES AND JUNEAU FIRE STATION GENERATOR REPLACEMENT

CBJ CONTRACT NO. BE22-108

CONSTRUCTION DOCUMENTS

MAY 31, 2022

FOR:

**CITY AND BOROUGH OF JUNEAU, AND CAPITAL CITY FIRE/RESCUE
JUNEAU, ALASKA**

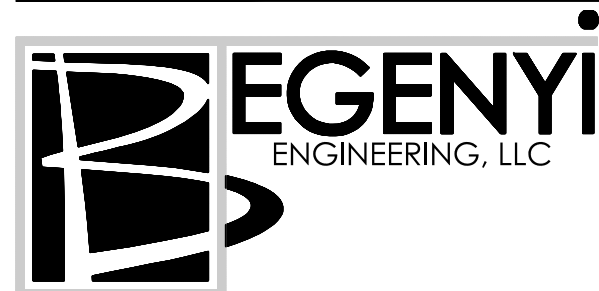
PREPARED BY:

CIVIL AND MECHANICAL:



Juneau, AK
9109 Mendenhall Mall Rd. Ste. 4
Juneau, AK 99801
Phone: 907.780.6060
Fax: 907.586.3771
AECC163270

ELECTRICAL:



217 2nd ST, STE 208, JUNEAU, AK 99801
PH: (907) 586-5900 / FAX: (907) 586-5901

ARCHITECTURAL:



522 WEST 10TH STREET, JUNEAU, ALASKA 99801
PH: (907) 586-1070

ENVIRONMENTAL:



222 SEWARD ST. SUITE 205, JUNEAU, AK 99801
PH: (907) 723-8896

MECHANICAL SHEET LIST	
NUMBER	TITLE
M001	SYMBOLS AND ABBREVIATIONS
M002	SCHEDULES
M003	SCHEDULES
MD111	FIRST FLOOR PLUMBING PLAN - DEMOLITION
MD121	FIRST FLOOR PIPING PLAN - DEMOLITION
MD122	SECOND FLOOR PIPING PLAN - DEMOLITION
MD131	FIRST FLOOR VENTILATION PLAN - DEMOLITION
MD132	SECOND FLOOR VENTILATION PLAN - DEMOLITION
MD201	ROOF PLAN - DEMOLITION
MD301	ENLARGED MECHANICAL ROOM PLAN - DEMOLITION
MD401	HVAC DIAGRAMS - DEMOLITION
MD402	HVAC DIAGRAMS - DEMOLITION
M101	JUNEAU FIRE STATION SITE AND ENLARGED GENERATOR ROOM PLANS
M102	GLACIER FIRE STATION SITE PLAN
M111	FIRST FLOOR PLUMBING PLAN
M121	FIRST FLOOR PIPING PLAN
M122	SECOND FLOOR PIPING PLAN
M131	FIRST FLOOR VENTILATION PLAN
M132	SECOND FLOOR VENTILATION PLAN
M141	FIRST FLOOR HEATING ZONE PLAN
M142	SECOND FLOOR HEATING ZONE PLAN
M201	ROOF PLAN
M301	ENLARGED MECHANICAL ROOM PLAN
M302	ENLARGED FIRST FLOOR VENTILATION PLAN
M303	ENLARGED 131 AIR COMP PLANS
M304	ENLARGED FIRST FLOOR PIPING PLAN
M401	PLUMBING DIAGRAMS
M402	HVAC DIAGRAMS
M501	DETAILS
M502	DETAILS
M503	CONTROL SCHEMATICS
M504	CONTROL SCHEMATICS

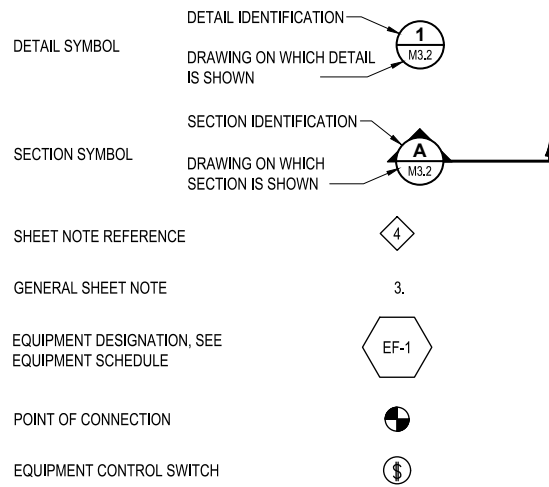
ELECTRICAL SHEET LIST	
NUMBER	TITLE
E001	LEGEND AND ABBREVIATIONS
E101	GLACIER STATION - FIRST FLOOR ELECTRICAL DEMOLITION PLAN
E102	GLACIER STATION - SECOND FLOOR ELECTRICAL DEMOLITION PLAN
E103	GLACIER STATION - ENLARGED ELECTRICAL DEMOLITION PLANS
E104	JUNEAU STATION - FIRST FLOOR ELECTRICAL DEMOLITION PLAN
E105	JUNEAU STATION - ENLARGED ELECTRICAL DEMOLITION PLANS
E201	GLACIER STATION - FIRST FLOOR ELECTRICAL PLAN
E202	GLACIER STATION - SECOND FLOOR ELECTRICAL PLAN
E203	GLACIER STATION - ENLARGED ELECTRICAL PLANS
E204	JUNEAU STATION - FIRST FLOOR ELECTRICAL PLAN
E205	JUNEAU STATION - ENLARGED ELECTRICAL PLANS
E301	GLACIER STATION - SINGLE LINE DIAGRAMS
E302	JUNEAU STATION - SINGLE LINE DIAGRAMS
E401	GLACIER STATION - SCHEDULES
E402	GLACIER STATION - SCHEDULES
E403	GLACIER STATION - SCHEDULES

CIVIL SHEET LIST	
NUMBER	TITLE
C100	GENERAL NOTES, ABBREVIATIONS AND SYMBOLS
C101	SITE PLAN - CCFR DOWNTOWN FIRE STATION
C102	SITE PLAN - CCFR DOWNTOWN FIRE STATION
C103	CONCRETE SLAB - ENLARGED VIEW CCFR DOWNTOWN FIRE STATION
C104	SITE PLAN - CCFR GLACIER FIRE STATION
C105	CONCRETE SLAB - ENLARGED VIEW CCFR GLACIER FIRE STATION
C106	CONSTRUCTION DETAILS
C107	CONSTRUCTION DETAILS

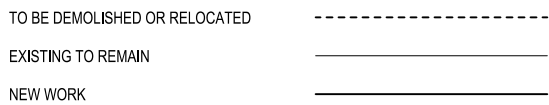
ARCHITECTURAL SHEET LIST	
NUMBER	TITLE
A001	FINISH SCHEDULE AND GENERAL NOTES
A101a	FIRST FLOOR DEMO PLAN
A101b	JUNEAU FIRE STATION FIRST FLOOR DEMO PLAN
A102	SECOND FLOOR DEMO PLAN
A103	DEMOLITION ROOF PLAN
A104	FIRST FLOOR DEMO REFLECTED CEILING PLAN
A201a	FIRST FLOOR PLAN
A201b	JUNEAU FIRE STATION FIRST FLOOR PLAN
A202	SECOND FLOOR PLAN
A203	ROOF PLAN
A601	FIRST FLOOR REFLECTED CEILING PLAN
A602	SECOND FLOOR REFLECTED CEILING PLAN
A801	DETAILS

1" PROJECT: 19309.02JN.CBJ_CCFRMZ2_GLACIER VALLEY FIRE STATION M001 SYM19309.02JN_M001 SYMBOLS AND ABBREVIATIONS May 31, 2022 2:12 PM IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION. AFFECTING ALL LABELED SCALES

GENERAL



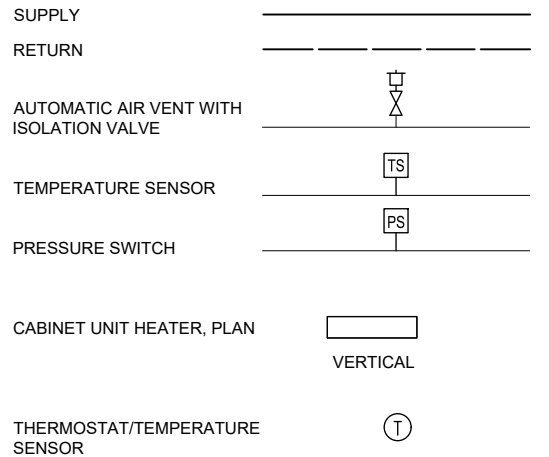
CONSTRUCTION LINETYPES



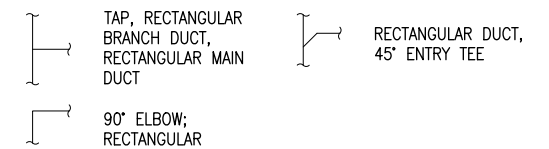
FUEL OIL



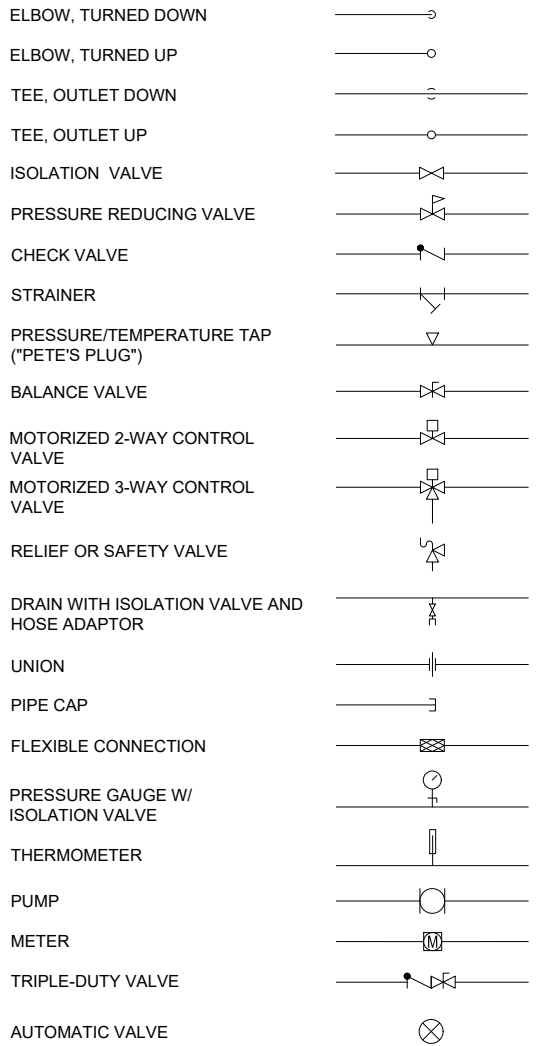
HEATING & COOLING



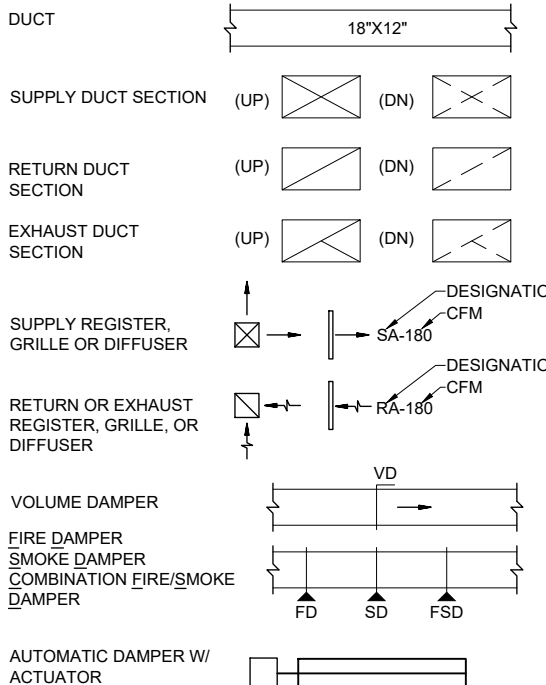
DUCT SYMBOLS



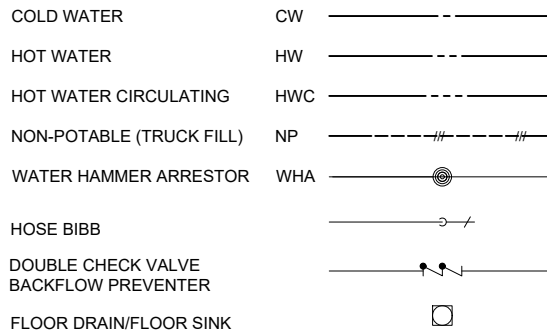
PIPE FITTINGS AND VALVES



VENTILATION



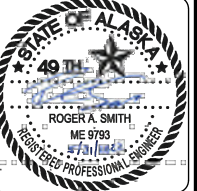
PLUMBING



ABBREVIATIONS

AAV	AUTOMATIC AIR VALVE	LV	LOUVER
AFF	ABOVE FINISHED FLOOR	LWT	LEAVING WATER TEMPERATURE
AHU	AIR HANDLING UNIT	MAF	MAKE-UP AIR FAN
AST	ABOVEGROUND STORAGE TANK	MBH	THOUSAND BTU'S PER HOUR
AV	AUTOMATIC VALVE	NC	NORMALLY CLOSED
B	BOILER	NO	NORMALLY OPENED
BC	BOOSTER COIL	NP	NON-POTABLE
BTU	BRITISH THERMAL UNIT	OAD	OUTSIDE AIR DAMPER
CC	COOLING COIL	OSA	OUTSIDE AIR
CFM	CUBIC FEET PER MINUTE	PD	PRESSURE DROP
CP	CIRCULATING PUMP	PH	PHASE
CU	CONDENSING UNIT	PSI	POUNDS PER SQUARE INCH
CUH	CABINET UNIT HEATER	RA	RETURN AIR
CV	CONVECTOR	RAD	RETURN AIR DAMPER
CW	COLD WATER	RD	ROOF DRAIN
DDC	DIRECT DIGITAL CONTROLS	RF	RETURN FAN
(D)	DEMOLISH	RG	RETURN GRILLE
DN	DOWN	RL	REFRIGERANT LIQUID LINE
DST	DOMESTIC WATER STORAGE TANK	RPBP	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
(E)	EXISTING	RS	REFRIGERANT SUCTION LINE
EA	EXHAUST AIR	SA	SUPPLY AIR
EB	ELECTRIC BOILER	SD	SMOKE DETECTOR
EAD	EXHAUST AIR DAMPER	SG	SUPPLY GRILLE
EF	EXHAUST FAN	SH	SHOWER
EG	EXHAUST GRILLE	SS	SERVICE SINK
EHWH	ELECTRIC HOT WATER HEATER	ST	STORAGE TANK
ET	EXPANSION TANK	TEF	TOILET EXHAUST FAN
EWT	ENTERING WATER TEMPERATURE	TF	TOILET FAN
EX	EXTRACTOR	TG	TRANSFER GRILLE
FD	FLOOR DRAIN	TYP.	TYPICAL
FT	FINNED TUBE	U	URINAL
FOR	FUEL OIL RETURN	UH	UNIT HEATER
FOS	FUEL OIL SUPPLY	UL	UNDERWRITER'S LABORATORY
FRD	FIRE DAMPER	VEF	VEHICLE EXHAUST FAN
FSD	FIRE SMOKE DAMPER	VF	VENTILATOR FAN
FT	FINNED TUBE HEATER	VTR	VENT THROUGH ROOF
GAL	GALLONS	W	WASHER
GPM	GALLONS PER MINUTE	WC	WATER CLOSET
GSHR	GROUND SOURCE HEATING RETURN	W.C.	WATER COLUMN
GSHS	GROUND SOURCE HEATING SUPPLY	WH	WALL HYDRANT
HB	HOSE BIBB		
HC	HEATING COIL		
HP	HORSE POWER		
HPWH	HEAT PUMP WATER HEATER		
HRV	HEAT RECOVERY VENTILATOR		
HW	HOT WATER		
HWC	HOT WATER CIRCULATING		
HWCP	HOT WATER CIRCULATING PUMP		
HWH	HOT WATER HEATER		
HWR	HEATING WATER RETURN		
HWS	HEATING WATER SUPPLY		
HWT	HOT WATER TANK		
HX	HEAT EXCHANGER		
L	LAVATORY		

CONSULTANT :



Juneau, AK
 9109 Mendota Mall Rd. Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0080
 Fax: 907.586.3771
 AEC 6163270



PROJECT :
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE :
**SYMBOLS AND ABBREVIATIONS
 CONSTRUCTION DOCUMENTS**

DESIGN: RS, DMC
 DRAWN: DMC
 CHECKED: RS
 DATE: 05/31/2022

PROJECT No.
19309.05JN
 SHEET NUMBER

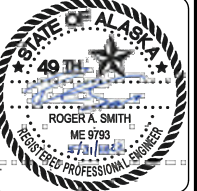
M001

No.	Date	Item

AUTOMATIC CONTROL VALVE AND FLOWSETTER SCHEDULE

NUMBER	UNIT SERVED	AREA SERVED	VALVE LOCATION	FLOWSETTER NEW/EXISTING/REPLACE	DESIGN (GPM)	SIZE (INCHES)	AUTOMATIC VALVE PRESSURE DROP (PSI)	AUTOMATIC VALVE TYPE	AUTOMATIC VALVE OPERATION	CONTROL TYPE	NORMAL POSITION	CONTROL VALVE NEW/EXISTING
1	BC-1	104 OFFICE	105 RECEPTION	REPLACE	0.6	1/2"	2	2-WAY	MODULATING	DDC	NO	NEW
2	BC-2	105 RECEPTION	105 RECEPTION	REPLACE	0.4	1/2"	2	2-WAY	MODULATING	DDC	NO	NEW
3	BC-3	114 OFFICE	115 OFFICE	REPLACE	0.5	1/2"	2	2-WAY	MODULATING	DDC	NO	NEW
4	BC-4	115 OFFICE	115 OFFICE	REPLACE	0.3	1/2"	2	2-WAY	MODULATING	DDC	NO	NEW
5	BC-5	127 SHOP	106 CORRIDOR	REPLACE	0.6	1/2"	2	2-WAY	MODULATING	DDC	NO	NEW
6	BC-6	109 CLASSROOM	107 ENTRY	REPLACE	3.7	1"	2	2-WAY	MODULATING	DDC	NO	NEW
7	BC-7	119 DAYROOM	106 CORRIDOR	REPLACE	1.6	3/4"	2	2-WAY	MODULATING	DDC	NO	NEW
8	BC-8	118 KITCHEN/DINING	106 CORRIDOR	REPLACE	1.0	1/2"	2	2-WAY	MODULATING	DDC	NO	NEW
9	BC-9	107 ENTRY	107 ENTRY	REPLACE	1.5	3/4"	2	2-WAY	MODULATING	DDC	NO	NEW
10	BC-10	138 DISPATCH	137 STOR	REPLACE	1.1	1/2"	2	2-WAY	MODULATING	DDC	NO	NEW
11	UH-3	132 EMS	132 EMS	NEW	2.5	1"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
12	CUH-1	101 VEST	101 VEST	REPLACE	0.4	1/2"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
13	(E)CV	102 STAIR	102 STAIR	REPLACE	0.6	1/2"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
14	UH-2	128 HOSE TOWER	128 HOSE TOWER	REPLACE	1.3	3/4"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
15	RADIANT	ARFF RADIANT	146 MECH	EXISTING	11.2	1-1/2"	2-3	4-WAY	MODULATING	DDC	EXISTING	EXISTING
15A	RADIANT	ARFF RADIANT	146 MECH	EXISTING	10.8	2"	-	-	-	-	-	-
15B	RADIANT	DECON RADIANT	146 MECH	EXISTING	0.4	1/2"	-	-	-	-	-	-
16	UH-1	108 MECH	108 MECH	NEW	1.3	3/4"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
21	(E)CV	214 CORRIDOR	214 CORRIDOR	REPLACE	0.6	1/2"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
22	(E)CV	214 CORRIDOR	214 CORRIDOR	REPLACE	0.7	1/2"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
23	(E)CV	202 BEDROOM	202 BEDROOM	REPLACE	0.9	1/2"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
24	(E)CV	203 BEDROOM	203 BEDROOM	REPLACE	0.6	1/2"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
25	(E)CV	203 BEDROOM	203 BEDROOM	REPLACE	0.7	1/2"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
26	(E)CV	205 BEDROOM	205 BEDROOM	REPLACE	0.7	1/2"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
27	(E)CV	209 BEDROOM	209 BEDROOM	REPLACE	0.6	1/2"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
28	(E)CV	209 BEDROOM	209 BEDROOM	REPLACE	0.7	1/2"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
29	(E)CV	210 DORMITORY	210 DORMITORY	REPLACE	1	1/2"	1-2	2-WAY	ON/OFF	DDC	NO	NEW
30	(E)HC (AHU-4)	129 APPARATUS	129 APPARATUS	REPLACE	30	1-1/2"	1-2	3-WAY	MODULATING	DDC	NO	NEW
31	HC-2 (HRV-1)	VENTILATION	131 AIR COMPRESSOR	NEW	4.5	1"	2-3	2-WAY	MODULATING	DDC	NO	NEW
32	PUMP P-3	BUILDING HYDRONIC	108 MECHANICAL	NEW	70	3"	-	-	-	-	-	-

CONSULTANT :



Juneau, AK
 9109 Mendota Rd. Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0060
 Fax: 907.586.3771
 AEC# 63270



PROJECT :
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE :
SCHEDULES
CONSTRUCTION DOCUMENTS

DESIGN *RS, DMC*
 DRAWN *DMC*
 CHECKED *RS*
 DATE *05/31/2022*
 PROJECT No.
19309.05JN
 SHEET NUMBER
M003

No.	Date	Item

REVISIONS

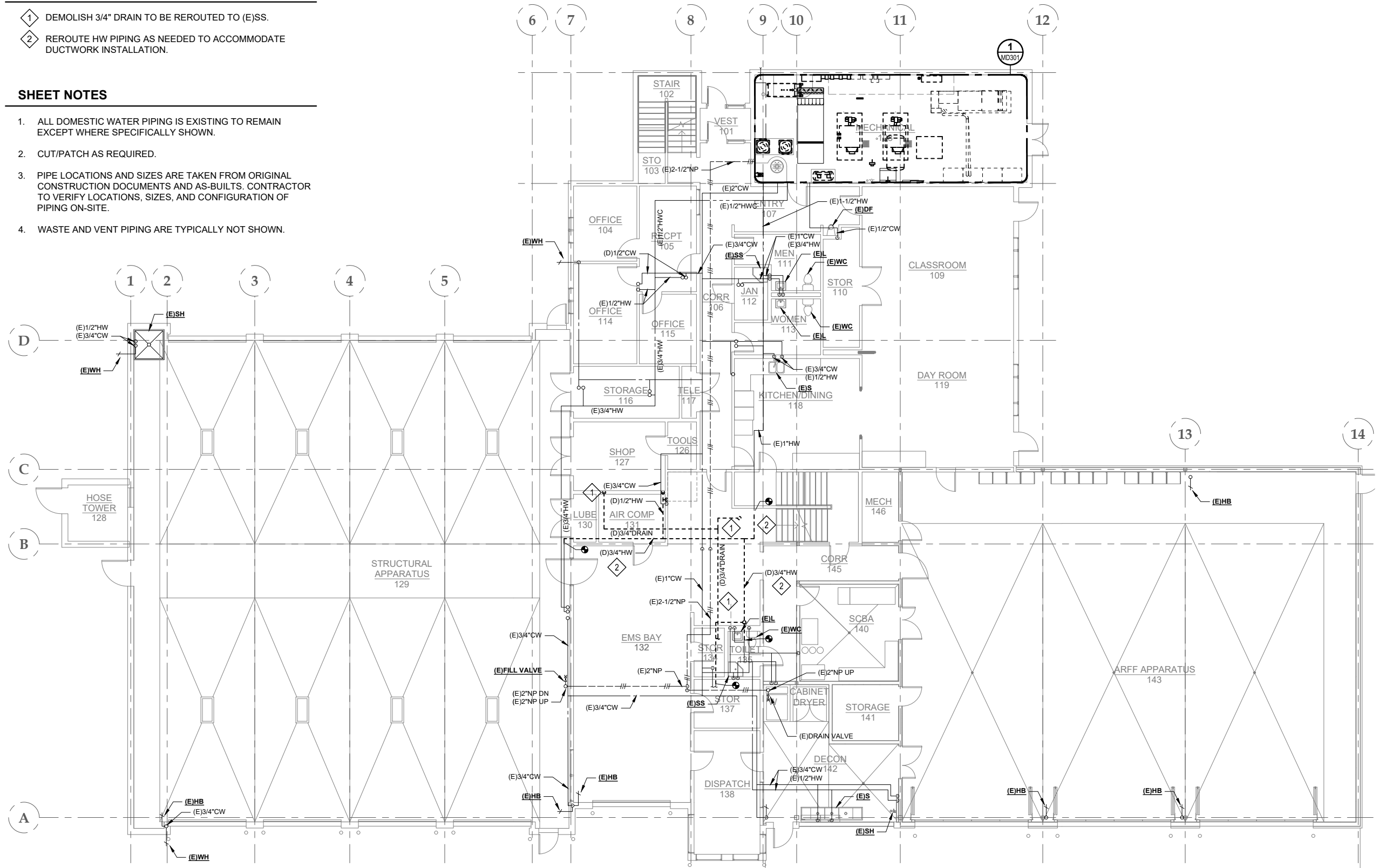
1" 1" THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES

SHEET KEYNOTES

- 1 DEMOLISH 3/4" DRAIN TO BE REROUTED TO (E)SS.
- 2 REROUTE HW PIPING AS NEEDED TO ACCOMMODATE DUCTWORK INSTALLATION.

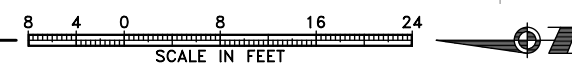
SHEET NOTES

- 1. ALL DOMESTIC WATER PIPING IS EXISTING TO REMAIN EXCEPT WHERE SPECIFICALLY SHOWN.
- 2. CUT/PATCH AS REQUIRED.
- 3. PIPE LOCATIONS AND SIZES ARE TAKEN FROM ORIGINAL CONSTRUCTION DOCUMENTS AND AS-BUILTS. CONTRACTOR TO VERIFY LOCATIONS, SIZES, AND CONFIGURATION OF PIPING ON-SITE.
- 4. WASTE AND VENT PIPING ARE TYPICALLY NOT SHOWN.

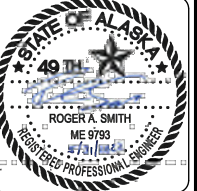


1 FIRST FLOOR PLUMBING PLAN - DEMOLITION

MD111 SCALE: 1/8" = 1'-0"



CONSULTANT:



Juneau, AK
 9103 Mendota Mall, Rm. 4
 Juneau, AK 99801
 Phone: 907.586.0060
 Fax: 907.586.3771
 AEC 63270



PROJECT:
 GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA

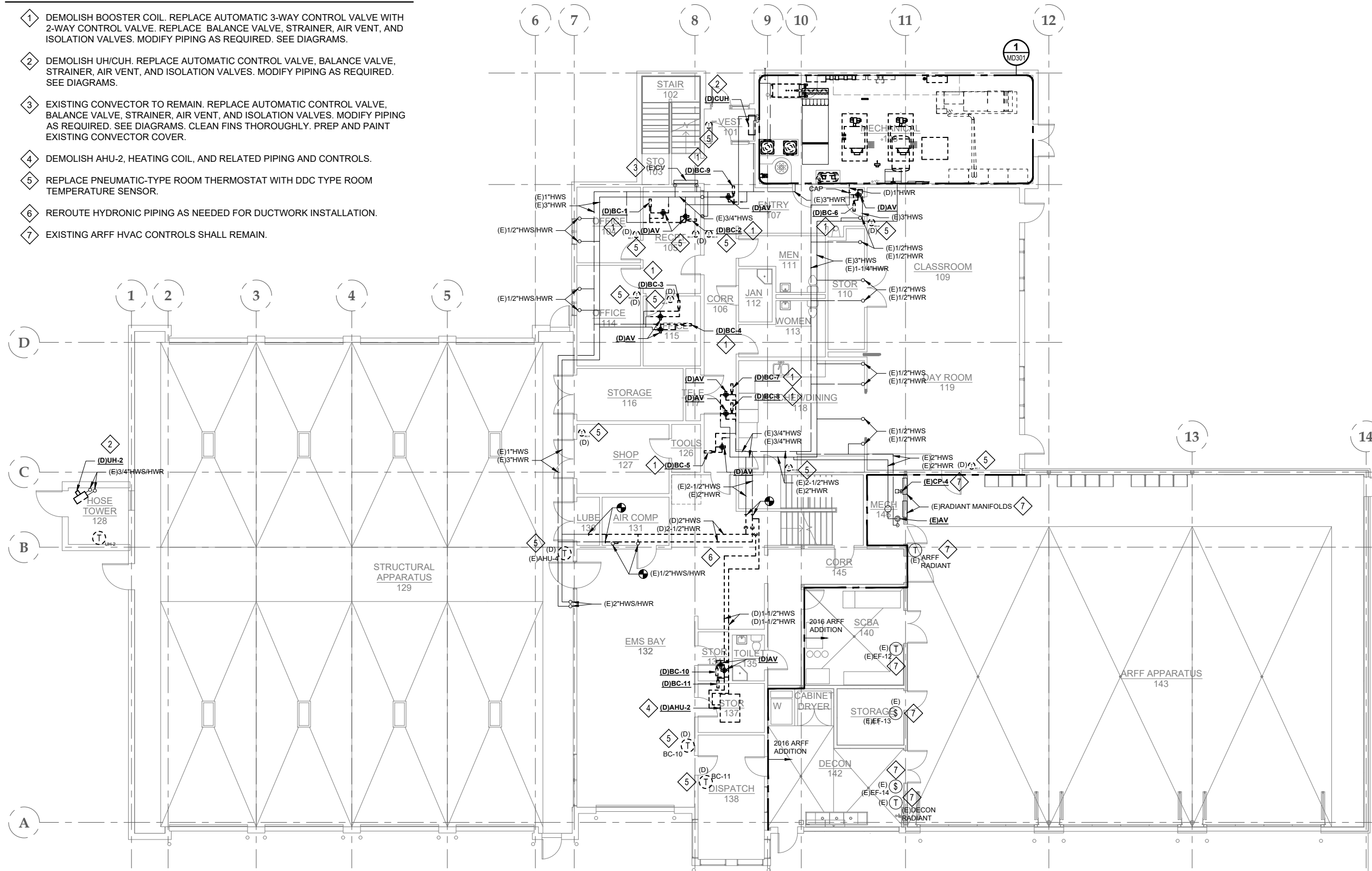
SHEET TITLE:
 FIRST FLOOR PLUMBING PLAN -
 DEMOLITION
CONSTRUCTION DOCUMENTS

DESIGN	RS, DMC	
DRAWN	DMC	
CHECKED	RS	
DATE	05/31/2022	
PROJECT No. 19309.05JN		
SHEET NUMBER MD111		
No.	Date	Item
REVISIONS		

1" 1/8" THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES

SHEET KEYNOTES

- 1 DEMOLISH BOOSTER COIL. REPLACE AUTOMATIC 3-WAY CONTROL VALVE WITH 2-WAY CONTROL VALVE. REPLACE BALANCE VALVE, STRAINER, AIR VENT, AND ISOLATION VALVES. MODIFY PIPING AS REQUIRED. SEE DIAGRAMS.
- 2 DEMOLISH UH/CUH. REPLACE AUTOMATIC CONTROL VALVE, BALANCE VALVE, STRAINER, AIR VENT, AND ISOLATION VALVES. MODIFY PIPING AS REQUIRED. SEE DIAGRAMS.
- 3 EXISTING CONVECTOR TO REMAIN. REPLACE AUTOMATIC CONTROL VALVE, BALANCE VALVE, STRAINER, AIR VENT, AND ISOLATION VALVES. MODIFY PIPING AS REQUIRED. SEE DIAGRAMS. CLEAN FINS THOROUGHLY. PREP AND PAINT EXISTING CONVECTOR COVER.
- 4 DEMOLISH AHU-2, HEATING COIL, AND RELATED PIPING AND CONTROLS.
- 5 REPLACE PNEUMATIC-TYPE ROOM THERMOSTAT WITH DDC TYPE ROOM TEMPERATURE SENSOR.
- 6 REROUTE HYDRONIC PIPING AS NEEDED FOR DUCTWORK INSTALLATION.
- 7 EXISTING ARFF HVAC CONTROLS SHALL REMAIN.

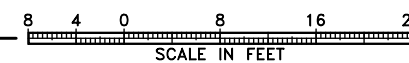


1 FIRST FLOOR PIPING PLAN - DEMOLITION

MD121 SCALE: 1/8" = 1'-0"

SHEET NOTES

- 1. PIPE LOCATIONS AND SIZES ARE TAKEN FROM ORIGINAL CONSTRUCTION DOCUMENTS AND AS-BUILTS. CONTRACTOR TO VERIFY LOCATIONS, SIZES, AND CONFIGURATION OF PIPING ON-SITE.
- 2. REPLACE AUTOMATIC CONTROLS.
- 3. REPLACE ALL EXISTING SPRINKLER HEADS WITH NEW, EXCEPT IN 2016 ARFF ADDITION. ADJUST HEAD LOCATIONS AS NEEDED FOR REVISED CEILING GRID.
- 4. EXISTING HEATING PIPING IS TYPICALLY BLACK STEEL.
- 5. CUT/PATCH AS REQUIRED.



CONSULTANT:

Juneau, AK
9100 Mendocino Mall, Rm. 314
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEC 63270

PROJECT:
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE:
**FIRST FLOOR PIPING PLAN -
DEMOLITION**

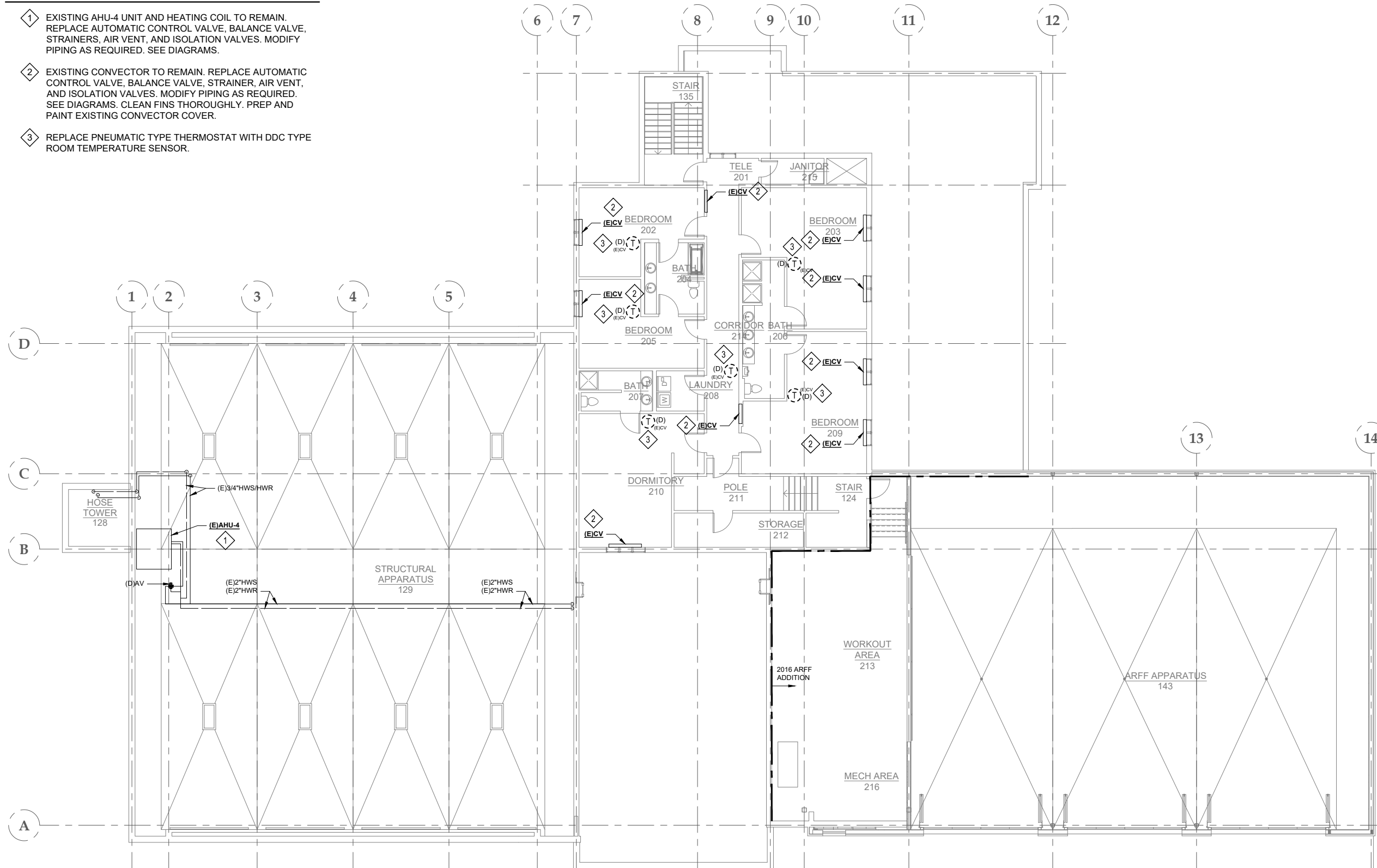
CONSTRUCTION DOCUMENTS

DESIGN	RS, DMC	
DRAWN	DMC	
CHECKED	RS	
DATE	05/31/2022	
PROJECT No. 19309.05JN		
SHEET NUMBER MD121		
No.	Date	Item
REVISIONS		

1" PROJECT: 19309.05JN, 02JN, CBJ, CCFRIMZ, GLACIER VALLEY FIRE STATION MD122 SECOND FLOOR PIPING PLAN - DEMOLITION May 2022 THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES

SHEET KEYNOTES

- 1 EXISTING AHU-4 UNIT AND HEATING COIL TO REMAIN. REPLACE AUTOMATIC CONTROL VALVE, BALANCE VALVE, STRAINERS, AIR VENT, AND ISOLATION VALVES. MODIFY PIPING AS REQUIRED. SEE DIAGRAMS.
- 2 EXISTING CONVECTOR TO REMAIN. REPLACE AUTOMATIC CONTROL VALVE, BALANCE VALVE, STRAINER, AIR VENT, AND ISOLATION VALVES. MODIFY PIPING AS REQUIRED. SEE DIAGRAMS. CLEAN FINS THOROUGHLY. PREP AND PAINT EXISTING CONVECTOR COVER.
- 3 REPLACE PNEUMATIC TYPE THERMOSTAT WITH DDC TYPE ROOM TEMPERATURE SENSOR.

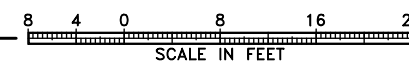


1 SECOND FLOOR PIPING PLAN - DEMOLITION

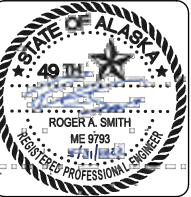
MD122 SCALE: 1/8" = 1'-0"

SHEET NOTES

- 1. PIPE LOCATIONS AND SIZES ARE TAKEN FROM ORIGINAL CONSTRUCTION DOCUMENTS AND AS-BUILTS. CONTRACTOR TO VERIFY LOCATIONS, SIZES, AND CONFIGURATION OF PIPING ON-SITE.
- 2. REPLACE AUTOMATIC CONTROLS.
- 3. REPLACE ALL EXISTING SPRINKLER HEADS WITH NEW, EXCEPT IN 2016 ARFF ADDITION. ADJUST HEAD LOCATIONS AS NEEDED FOR REVISED CEILING GRID.
- 4. EXISTING HEATING PIPING IS TYPICALLY BLACK STEEL.



CONSULTANT:



Juneau, AK
9100 Mendota Hill Rd, Ste. 4
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEC 163270



PROJECT:
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE:
**SECOND FLOOR PIPING PLAN -
DEMOLITION**

CONSTRUCTION DOCUMENTS

DESIGN RS, DMC
DRAWN DMC
CHECKED RS
DATE 05/31/2022

PROJECT No.
19309.05JN
SHEET NUMBER

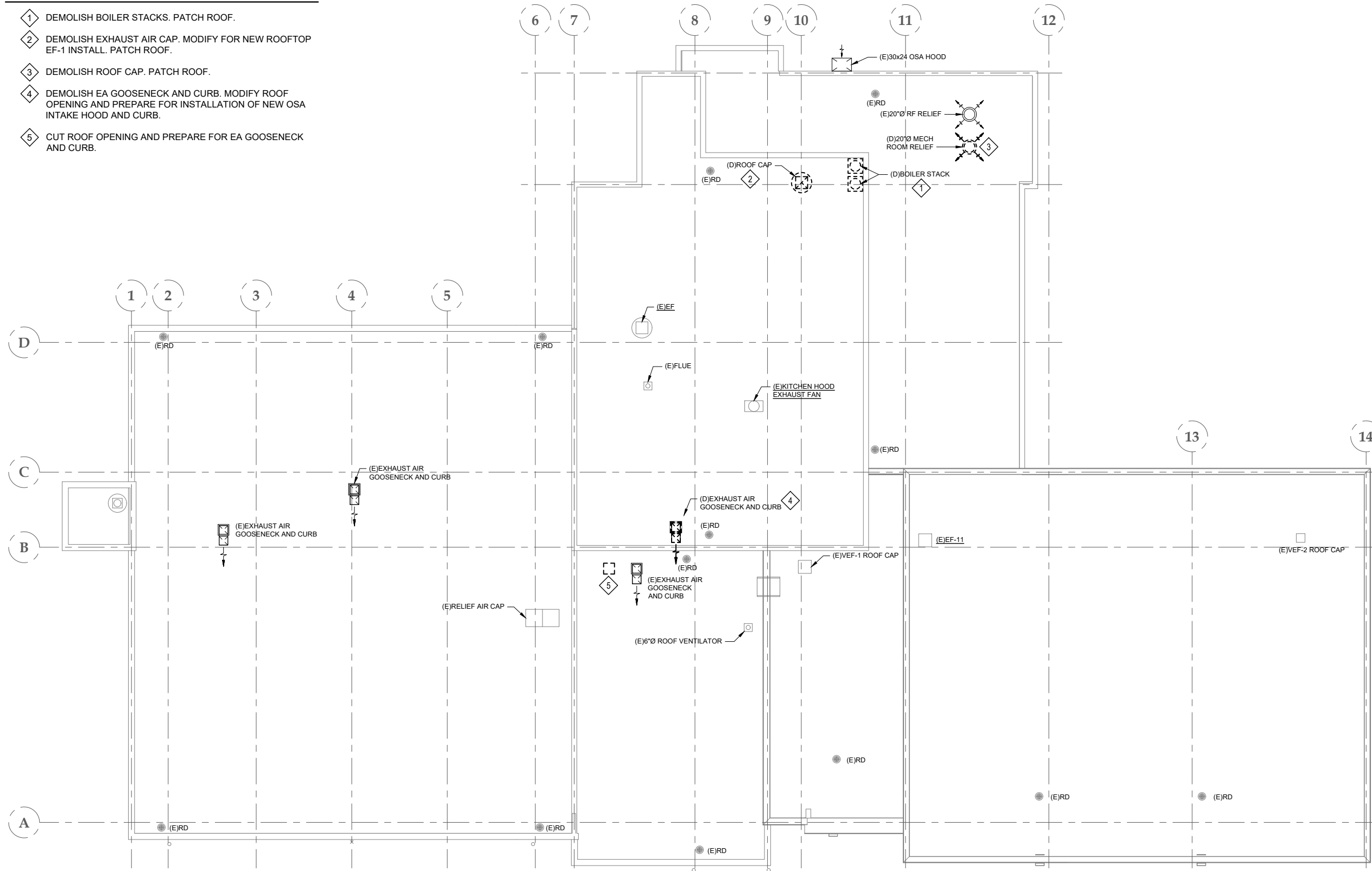
MD122

No.	Date	Item

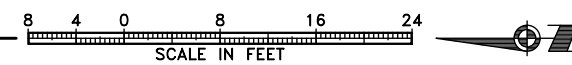
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SHEET KEYNOTES

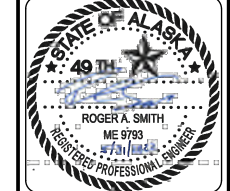
- 1 DEMOLISH BOILER STACKS. PATCH ROOF.
- 2 DEMOLISH EXHAUST AIR CAP. MODIFY FOR NEW ROOFTOP EF-1 INSTALL. PATCH ROOF.
- 3 DEMOLISH ROOF CAP. PATCH ROOF.
- 4 DEMOLISH EA GOOSENECK AND CURB. MODIFY ROOF OPENING AND PREPARE FOR INSTALLATION OF NEW OSA INTAKE HOOD AND CURB.
- 5 CUT ROOF OPENING AND PREPARE FOR EA GOOSENECK AND CURB.



1 ROOF PLAN - DEMOLITION
MD201 SCALE: 1/8" = 1'-0"



CONSULTANT:



Juneau, AK
9100 Mendota Mall, Rm. 404
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEC 163270

PROJECT:
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE:
ROOF PLAN - DEMOLITION

CONSTRUCTION DOCUMENTS

DESIGN	RS, DMC
DRAWN	DMC
CHECKED	RS
DATE	05/31/2022
PROJECT No. 19309.05JN	
SHEET NUMBER MD201	

No.	Date	Item

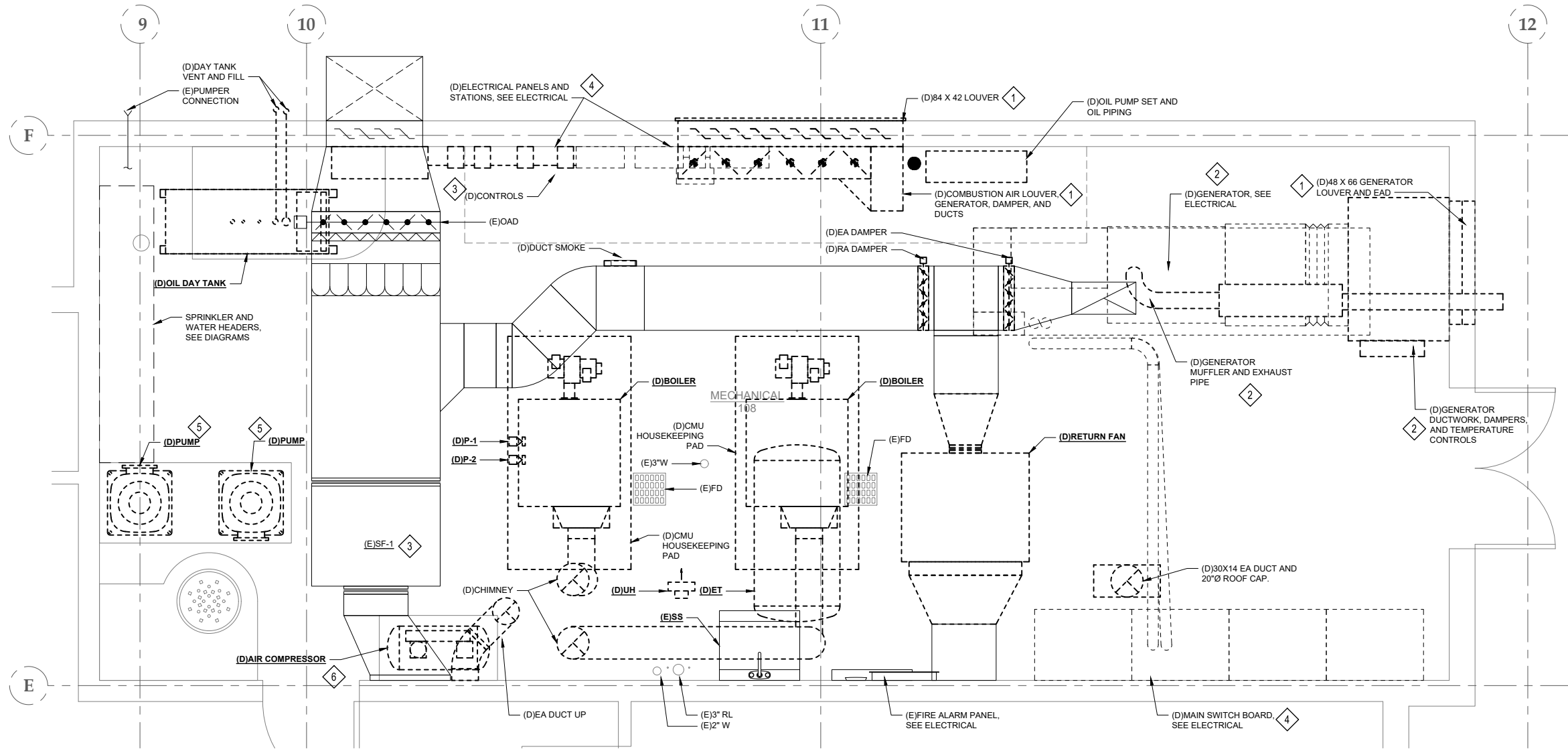
1" AFFECTING ALL LABELED SCALES. THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION.

SHEET KEYNOTES

- 1 DEMOLISH GENERATOR AND COMBUSTION AIR LOUVERS, DAMPERS, AND CONTROLS. PATCH EXTERIOR WALL.
- 2 DEMOLISH GENERATOR MUFFLER, EXHAUST PIPE, FUEL PIPING, DUCTWORK, CONTROLS, AND RELATED SYSTEMS SERVICING DEMOLISHED GENERATOR. PATCH EXTERIOR WALL.
- 3 DEMOLISH CONTROLS. REPLACE WITH DDC.
- 4 DEMOLISH ELECTRICAL SYSTEMS IEW. SEE ELECTRICAL.
- 5 DEMOLISH ABANDONED RESERVOIR FIRE PUMP AND FILL PUMP. PATCH CONCRETE FLOOR.
- 6 DEMOLISH PNEUMATIC CONTROLS, AIR COMPRESSOR, AIR DRYER, AND RELATED SYSTEMS. DEMOLISH ALL PNEUMATIC TUBING.

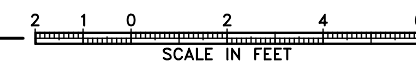
SHEET NOTES

- 1. DEMOLISH HEATING PLANT IN ITS ENTIRETY. REPLACE WITH ELECTRIC BOILER. INSTALL ALL NEW PIPING AND CONTROLS.
- 2. DEMOLISH EXISTING DOMESTIC COLD WATER, HOT WATER, AND HOT WATER CIRCULATING PIPING IN MECHANICAL 108. REMOVE HOT WATER HEATING SYSTEM. SEE DIAGRAMS.
- 3. REPLACE RF-1 FAN UNIT.
- 4. DEMOLISH ALL PNEUMATIC AND ELECTRIC CONTROLS. REPLACE WITH NEW DDC SYSTEM.
- 5. DEMOLISH DOMESTIC PIPING AND HEATING PIPING WITHIN MECHANICAL ROOM. VERIFY EXISTING PIPING LOCATIONS, SIZING AND QUANTITIES ON-SITE.
- 6. PROVIDE TEMPORARY BUILDING HEATING AND DOMESTIC HOT AND COLD WATER TO BUILDING DURING CONSTRUCTION. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 7. PIPING NOT SHOWN. SEE DIAGRAMS.
- 8. DEMOLISH ALL FUEL PIPING.
- 9. CUT/PATCH AS REQUIRED.
- 10. REPLACE SPRINKLER HEADS WITH NEW.

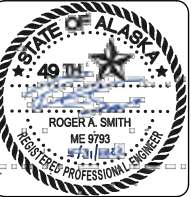


1 ENLARGED MECHANICAL ROOM PLAN - DEMOLITION

MD301 SCALE: 1/2" = 1'-0"



CONSULTANT:



Juneau, AK
 9103 Mendota Mall Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0060
 Fax: 907.586.3771
 AEC 163270



PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
**ENLARGED MECHANICAL ROOM
 PLAN - DEMOLITION**
 CONSTRUCTION DOCUMENTS

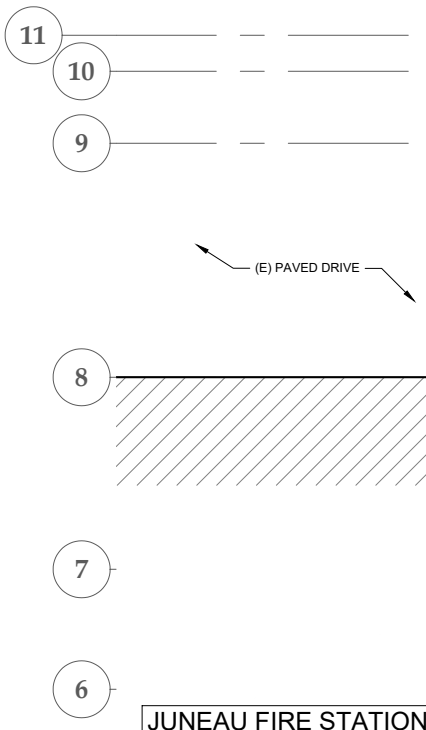
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DRAWN	DMC
CHECKED	RS
DATE	05/31/2022

PROJECT No.
19309.05JN
 SHEET NUMBER

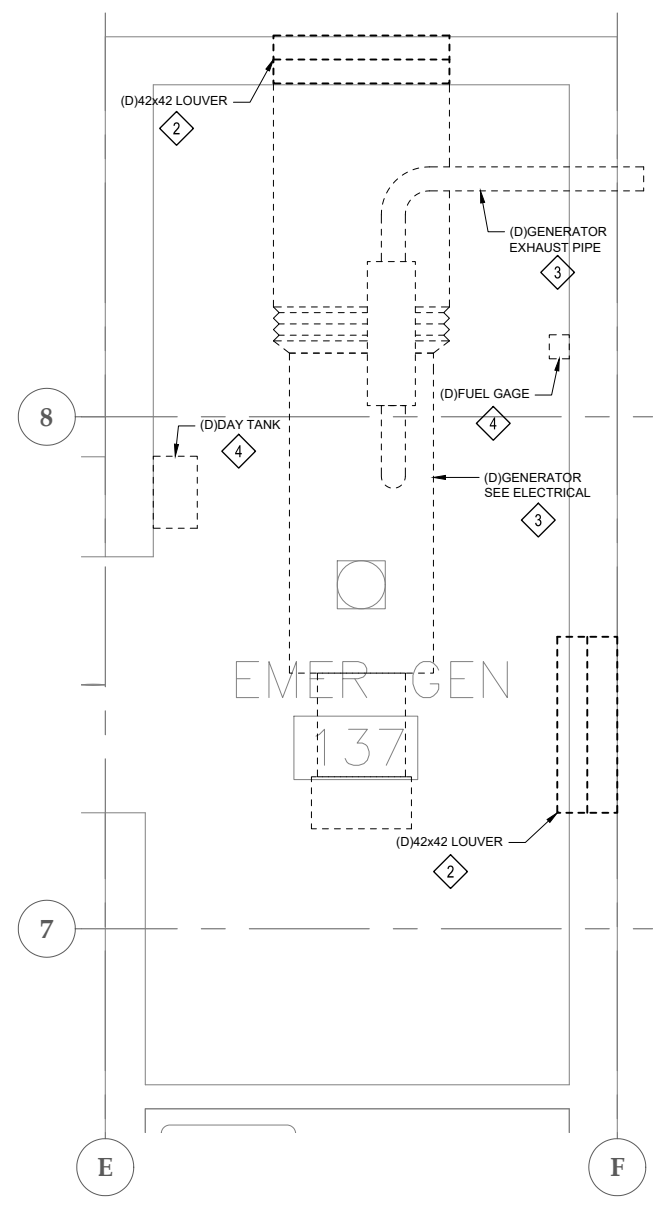
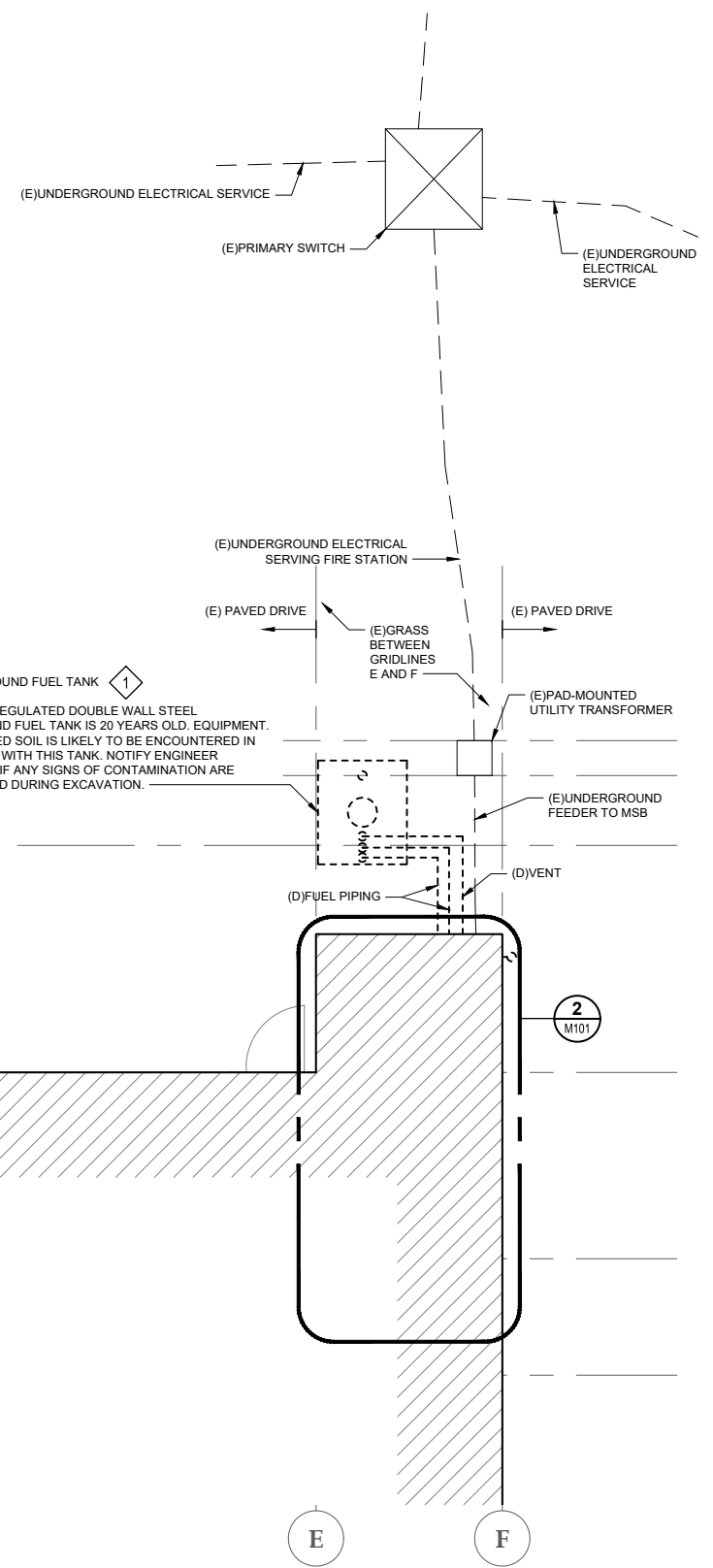
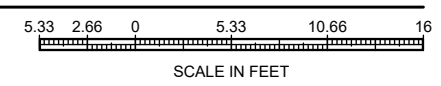
MD301

No.	Date	Item

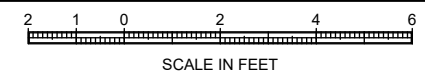
1" SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES



1 JUNEAU FIRE STATION SITE PLAN
M101 SCALE: 3/16" = 1'-0"



2 JUNEAU FIRE STATION GENERATOR DEMOLITION PLAN
M101 SCALE: 1/2" = 1'-0"



SHEET KEYNOTES

- 1 DEMOLISH UNDERGROUND FUEL TANK AND ALL ASSOCIATED FUEL PIPING AND ACCESSORIES. SEE DETAIL 2 ON SHEET MD401 FOR ADDITIONAL INFORMATION. DEMOLISH GAGES AND MONITORING SYSTEM.
- 2 DEMOLISH GENERATOR AND COMBUSTION AIR LOUVERS, DAMPERS, AND CONTROLS. PATCH EXTERIOR WALL. SEE ARCHITECTURAL DRAWINGS FOR DETAILS.
- 3 DEMOLISH GENERATOR MUFFLER, EXHAUST PIPE, FUEL PIPING, DUCTWORK, CONTROLS, AND RELATED SYSTEMS SERVING DEMOLISHED GENERATOR. PATCH EXTERIOR WALL.
- 4 DEMOLISH GENERATOR DAYTANK AND RELATED FUEL PIPING.

CONSULTANT :



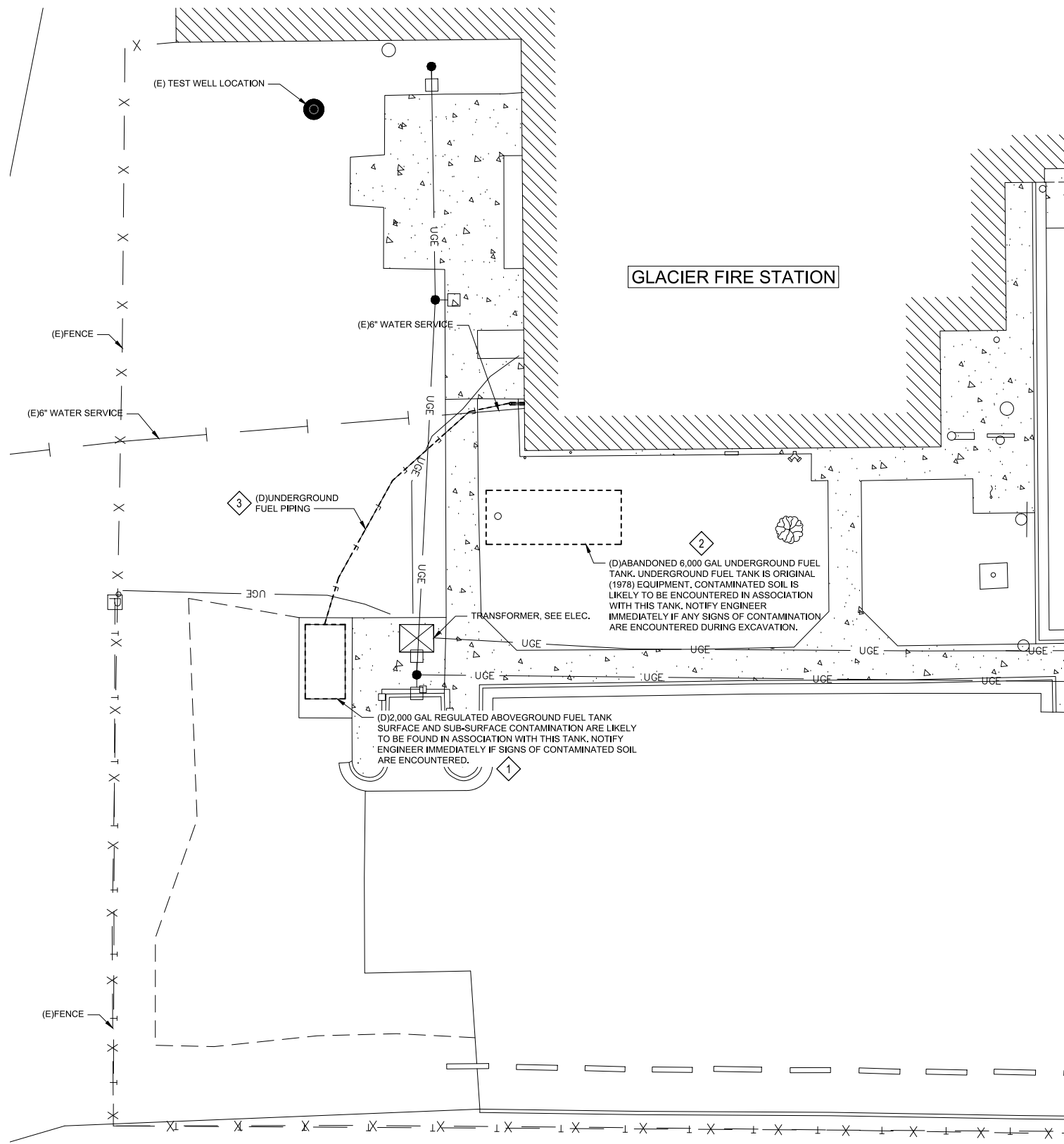
Juneau, AK
9103 Mendota Mall, Rm. 4
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEC 163270

PROJECT :
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

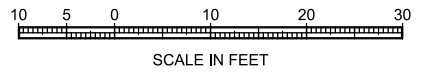
SHEET TITLE :
**JUNEAU FIRE STATION SITE AND
ENLARGED GENERATOR ROOM
PLANS
CONSTRUCTION DOCUMENTS**

DESIGN	RS, DMC	
DRAWN	DMC	
CHECKED	RS	
DATE	05/31/2022	
PROJECT No. 19309.05JN		
SHEET NUMBER M101		
No.	Date	Item
REVISIONS		

M:\Projects\19309.05JN\GLACIER VALLEY FIRE STATION\M102\GLACIER FIRE STATION\M102\GLACIER FIRE STATION SITE PLAN May 31, 2022 4:12 PM THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES



1 GLACIER FIRE STATION SITE PLAN
 M102 SCALE: 1" = 10'-0"



SHEET KEYNOTES

- 1 DEMOLISH ABOVE GROUND FUEL TANK, ASSOCIATED FUEL PIPING, AND RELATED ACCESSORIES.
- 2 DEMOLISH ABANDONED UNDERGROUND FUEL TANK, ASSOCIATED FUEL PIPING, AND RELATED ACCESSORIES.
- 3 DEMOLISH UNDERGROUND FUEL PIPING FROM FUEL TANK TO BOILER ROOM.

SHEET NOTES

1. SEE CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.

CONSULTANT :



Juneau, AK
 9100 Mendota Mall Rd. Ste. 4
 Juneau, AK 99801
 Phone: 907.780.0080
 Fax: 907.586.3771
 AEOCC 163270

PROJECT :
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE :
GLACIER FIRE STATION SITE PLAN
CONSTRUCTION DOCUMENTS

DESIGN	RS, DMC
DRAWN	DMC
CHECKED	RS
DATE	05/31/2022

PROJECT No.
19309.05JN
 SHEET NUMBER

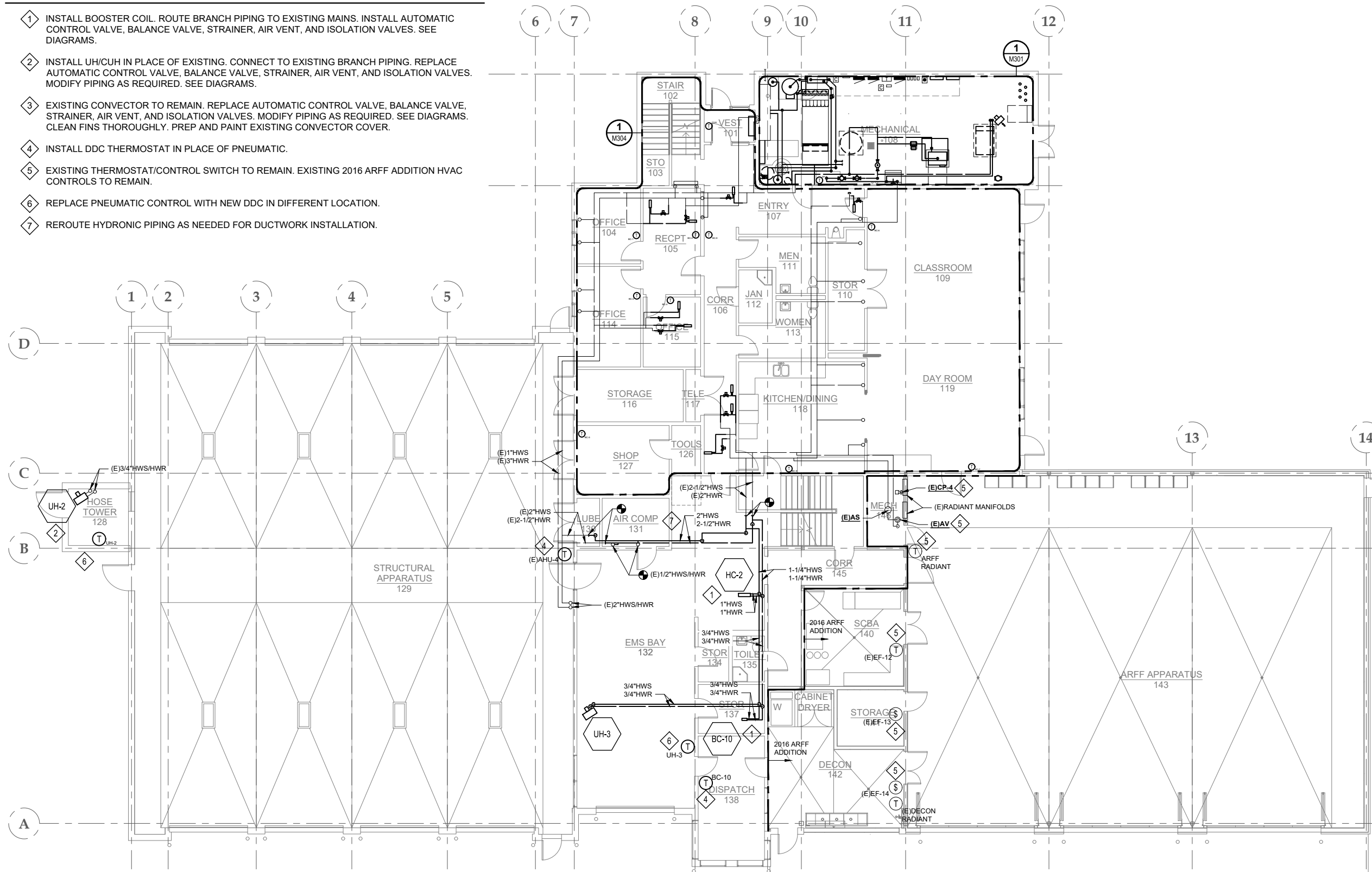
M102

No.	Date	Item

1" IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION. AFFECTING ALL LABELED SCALES.

SHEET KEYNOTES

- 1 INSTALL BOOSTER COIL. ROUTE BRANCH PIPING TO EXISTING MAINS. INSTALL AUTOMATIC CONTROL VALVE, BALANCE VALVE, STRAINER, AIR VENT, AND ISOLATION VALVES. SEE DIAGRAMS.
- 2 INSTALL UH/CUH IN PLACE OF EXISTING. CONNECT TO EXISTING BRANCH PIPING. REPLACE AUTOMATIC CONTROL VALVE, BALANCE VALVE, STRAINER, AIR VENT, AND ISOLATION VALVES. MODIFY PIPING AS REQUIRED. SEE DIAGRAMS.
- 3 EXISTING CONVECTOR TO REMAIN. REPLACE AUTOMATIC CONTROL VALVE, BALANCE VALVE, STRAINER, AIR VENT, AND ISOLATION VALVES. MODIFY PIPING AS REQUIRED. SEE DIAGRAMS. CLEAN FINS THOROUGHLY. PREP AND PAINT EXISTING CONVECTOR COVER.
- 4 INSTALL DDC THERMOSTAT IN PLACE OF PNEUMATIC.
- 5 EXISTING THERMOSTAT/CONTROL SWITCH TO REMAIN. EXISTING 2016 ARFF ADDITION HVAC CONTROLS TO REMAIN.
- 6 REPLACE PNEUMATIC CONTROL WITH NEW DDC IN DIFFERENT LOCATION.
- 7 REROUTE HYDRONIC PIPING AS NEEDED FOR DUCTWORK INSTALLATION.

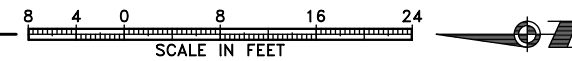


1 FIRST FLOOR PIPING PLAN

M121 SCALE: 1/8" = 1'-0"

SHEET NOTES

- 1. PIPE LOCATIONS AND SIZES ARE TAKEN FROM ORIGINAL CONSTRUCTION DOCUMENTS AND AS-BUILTS. CONTRACTOR TO VERIFY LOCATIONS, SIZES, AND CONFIGURATION OF PIPING ON-SITE.
- 2. REPLACE AUTOMATIC CONTROLS.
- 3. REPLACE ALL EXISTING SPRINKLER HEADS WITH NEW, EXCEPT IN 2016 ARFF ADDITION. ADJUST HEAD LOCATIONS AS NEEDED FOR REVISED CEILING GRID.
- 4. EXISTING HEATING PIPING IS TYPICALLY BLACK STEEL. INSTALL DIELECTRIC UNIONS WHEN ATTACHING COPPER PIPING TO EXISTING BLACK STEEL.
- 5. CUT/PATCH AS NEEDED.



CONSULTANT:

Juneau, AK
 9103 Mendota Mall, Rm. 4
 Juneau, AK 99801
 Phone: 907.586.0060
 Fax: 907.586.3771
 AEC/C 63270

PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
FIRST FLOOR PIPING PLAN

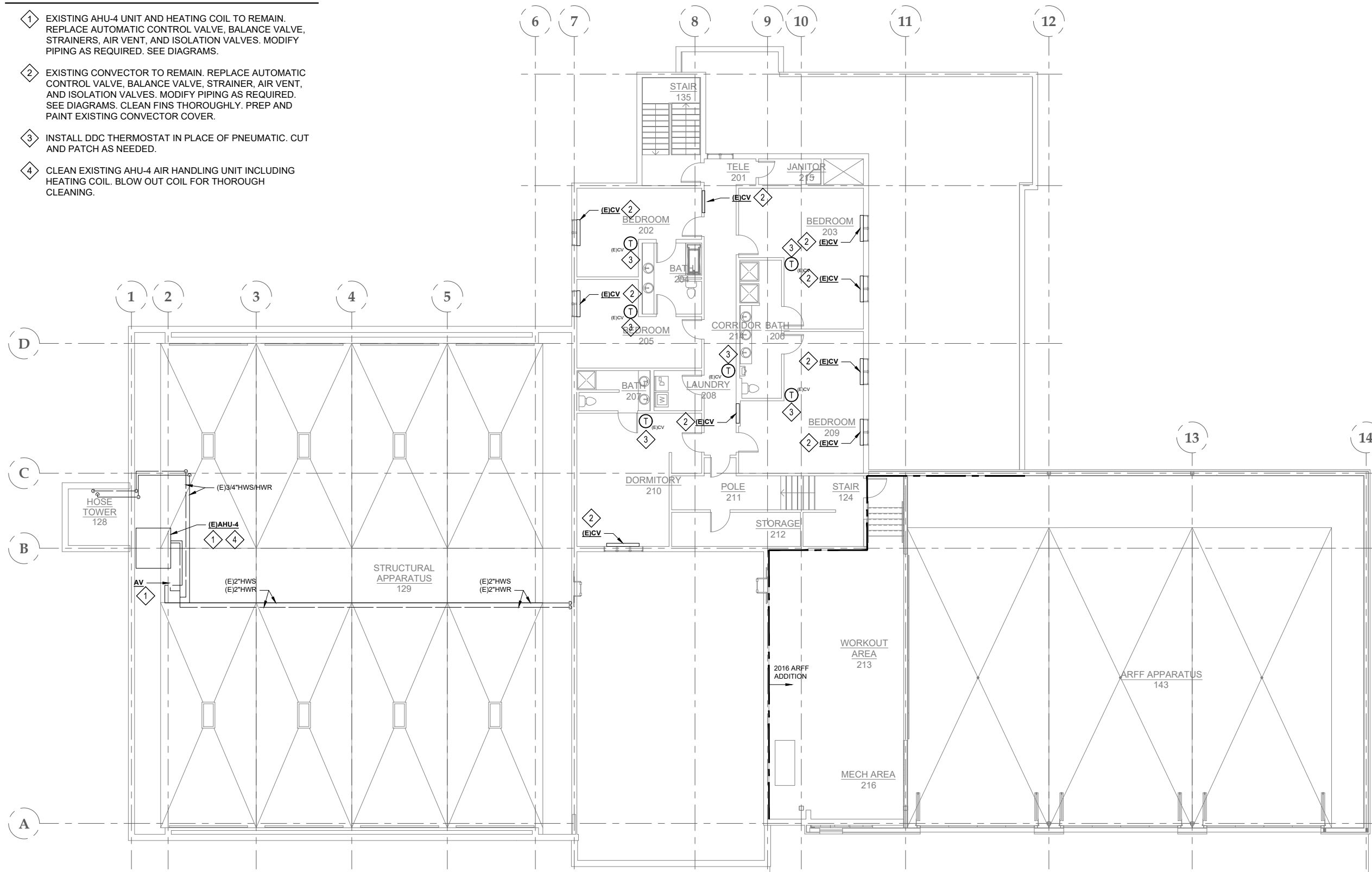
CONSTRUCTION DOCUMENTS

DESIGN	RS, DMC	
DRAWN	DMC	
CHECKED	RS	
DATE	05/31/2022	
PROJECT No. 19309.05JN		
SHEET NUMBER M121		
No.	Date	Item
REVISIONS		

1" IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION. AFFECTING ALL LABELED SCALES

SHEET KEYNOTES

- 1 EXISTING AHU-4 UNIT AND HEATING COIL TO REMAIN. REPLACE AUTOMATIC CONTROL VALVE, BALANCE VALVE, STRAINERS, AIR VENT, AND ISOLATION VALVES. MODIFY PIPING AS REQUIRED. SEE DIAGRAMS.
- 2 EXISTING CONVECTOR TO REMAIN. REPLACE AUTOMATIC CONTROL VALVE, BALANCE VALVE, STRAINER, AIR VENT, AND ISOLATION VALVES. MODIFY PIPING AS REQUIRED. SEE DIAGRAMS. CLEAN FINS THOROUGHLY. PREP AND PAINT EXISTING CONVECTOR COVER.
- 3 INSTALL DDC THERMOSTAT IN PLACE OF PNEUMATIC. CUT AND PATCH AS NEEDED.
- 4 CLEAN EXISTING AHU-4 AIR HANDLING UNIT INCLUDING HEATING COIL. BLOW OUT COIL FOR THOROUGH CLEANING.

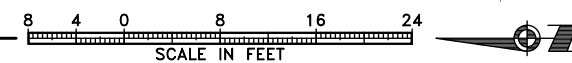


1 SECOND FLOOR PIPING PLAN

M122 SCALE: 1/8" = 1'-0"

SHEET NOTES

- 1. PIPE LOCATIONS AND SIZES ARE TAKEN FROM ORIGINAL CONSTRUCTION DOCUMENTS AND AS-BUILTS. CONTRACTOR TO VERIFY LOCATIONS, SIZES, AND CONFIGURATION OF PIPING ON-SITE.
- 2. REPLACE AUTOMATIC CONTROLS.
- 3. REPLACE ALL EXISTING SPRINKLER HEADS WITH NEW, EXCEPT IN 2016 ARFF ADDITION.



DESIGN	RS, DMC	
DRAWN	DMC	
CHECKED	RS	
DATE	05/31/2022	
PROJECT No. 19309.05JN		
SHEET NUMBER M122		
No.	Date	Item
REVISIONS		

CONSULTANT:

Juneau, AK
9103 Mendota Hill Rd, Ste. 4
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEC 163270

PROJECT:
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

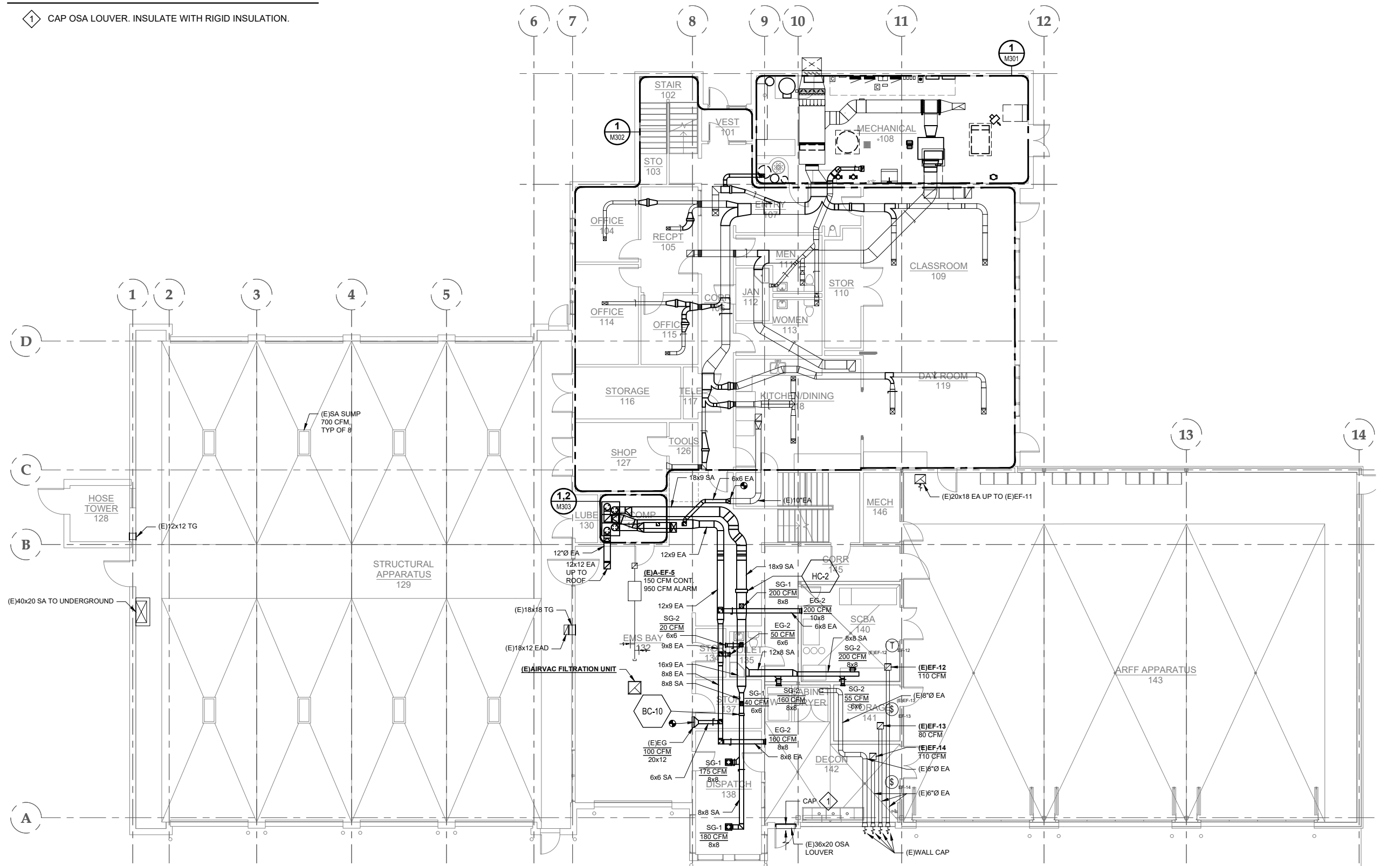
SHEET TITLE:
SECOND FLOOR PIPING PLAN

CONSTRUCTION DOCUMENTS

1" THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES

SHEET KEYNOTES

① CAP OSA LOUVER. INSULATE WITH RIGID INSULATION.



1 FIRST FLOOR VENTILATION PLAN

M131 SCALE: 1/8" = 1'-0"

SHEET NOTES

- EXISTING DUCTWORK LOCATIONS AND SIZES ARE TAKEN FROM ORIGINAL CONSTRUCTION DOCUMENTS AND AS-BUILTS. CONTRACTOR TO VERIFY LOCATIONS, SIZES, AND CONFIGURATION OF DUCTWORK ON-SITE.
- INSTALL BALANCE DAMPERS ON EACH BRANCH DUCT.

CONSULTANT:

Juneau, AK
 9100 Mendocino Mall, Rm. 404
 Juneau, AK 99801
 Phone: 907.586.0060
 Fax: 907.586.3771
 AEC/C 63270

PROJECT:
 GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA

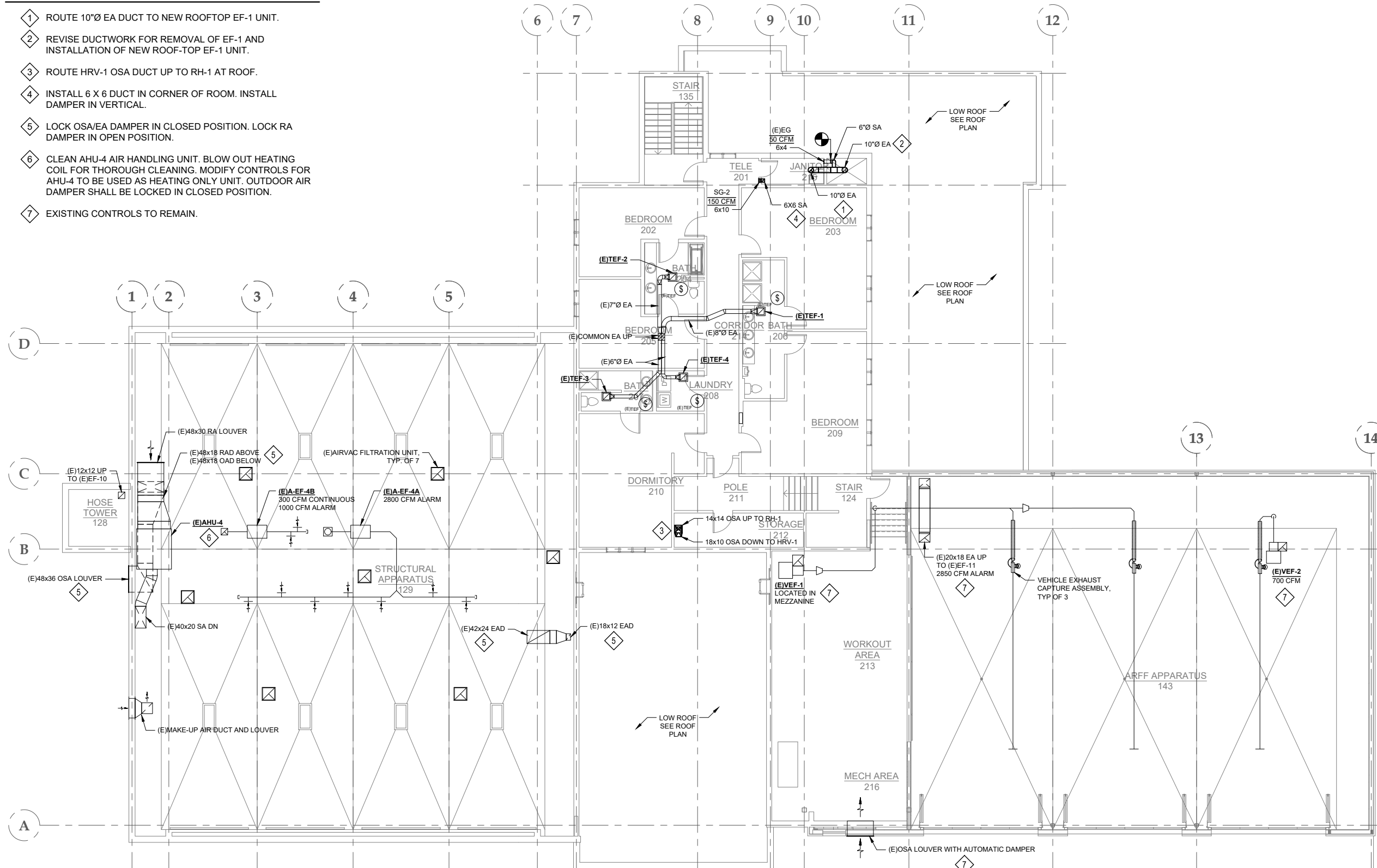
SHEET TITLE:
 FIRST FLOOR VENTILATION PLAN
 CONSTRUCTION DOCUMENTS

DESIGN	RS, DMC	
DRAWN	DMC	
CHECKED	RS	
DATE	05/31/2022	
PROJECT No. 19309.05JN		
SHEET NUMBER		
M131		
No.	Date	Item
REVISIONS		

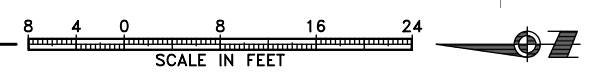
1" THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES

SHEET KEYNOTES

- 1 ROUTE 10"Ø EA DUCT TO NEW ROOFTOP EF-1 UNIT.
- 2 REVISE DUCTWORK FOR REMOVAL OF EF-1 AND INSTALLATION OF NEW ROOF-TOP EF-1 UNIT.
- 3 ROUTE HRV-1 OSA DUCT UP TO RH-1 AT ROOF.
- 4 INSTALL 6 X 6 DUCT IN CORNER OF ROOM. INSTALL DAMPER IN VERTICAL.
- 5 LOCK OSA/EA DAMPER IN CLOSED POSITION. LOCK RA DAMPER IN OPEN POSITION.
- 6 CLEAN AHU-4 AIR HANDLING UNIT. BLOW OUT HEATING COIL FOR THOROUGH CLEANING. MODIFY CONTROLS FOR AHU-4 TO BE USED AS HEATING ONLY UNIT. OUTDOOR AIR DAMPER SHALL BE LOCKED IN CLOSED POSITION.
- 7 EXISTING CONTROLS TO REMAIN.



1 SECOND FLOOR VENTILATION PLAN
M132 SCALE: 1/8" = 1'-0"



SHEET NOTES

- 1. EXISTING DUCTWORK LOCATIONS AND SIZES ARE TAKEN FROM ORIGINAL CONSTRUCTION DOCUMENTS AND AS-BUILTS. CONTRACTOR TO VERIFY LOCATIONS, SIZES, AND CONFIGURATION OF DUCTWORK ON-SITE.
- 2. CUT/PATCH AS NEEDED.

CONSULTANT:

ROGER A. SMITH
ME 9793
REGISTERED PROFESSIONAL ENGINEER

Juneau, AK
9100 Mendota Mall, Rm. 404
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEC 163270

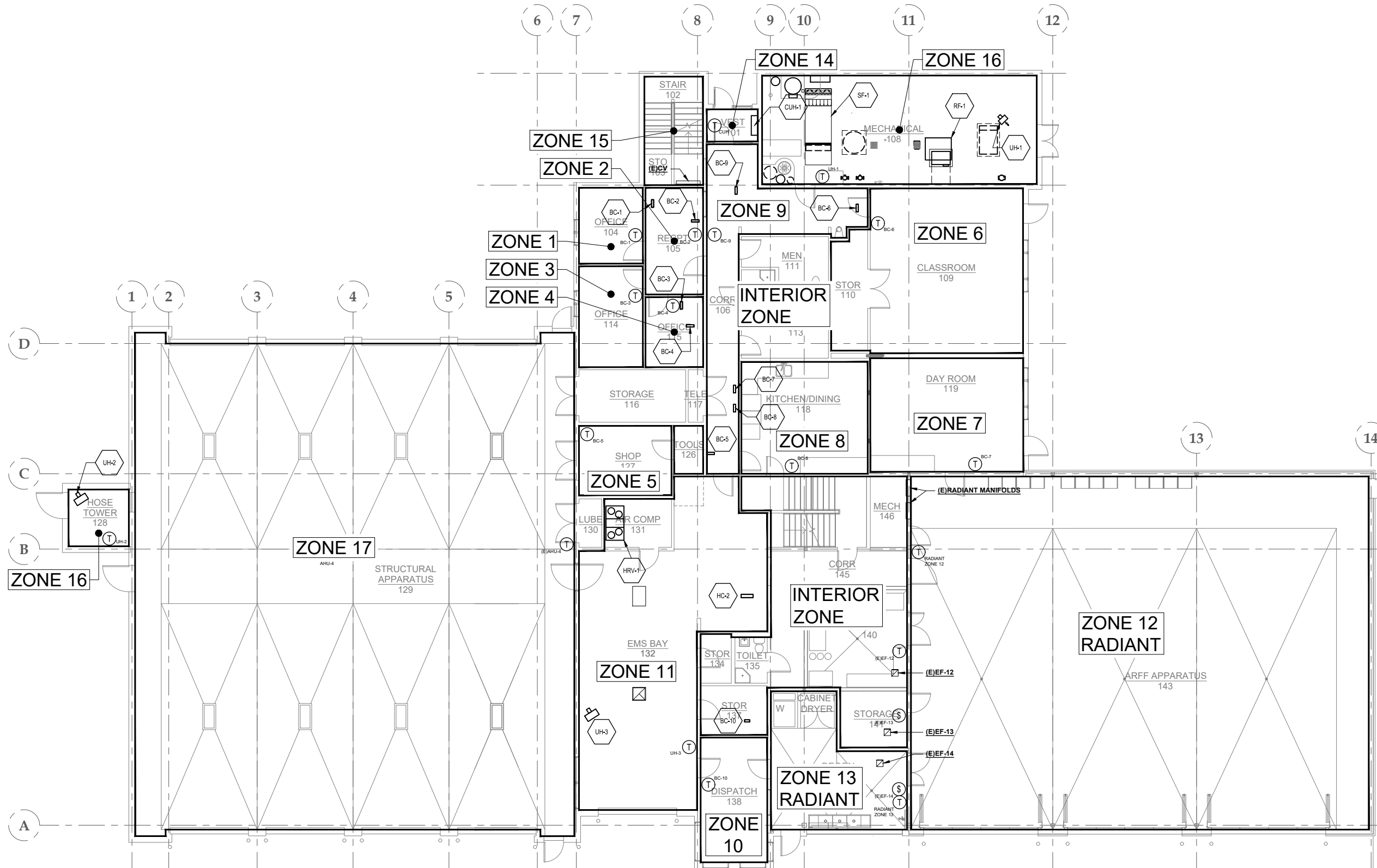
PROJECT:
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE:
SECOND FLOOR VENTILATION PLAN

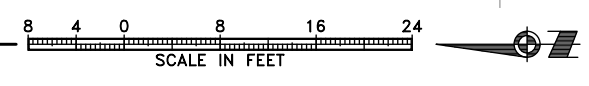
CONSTRUCTION DOCUMENTS

DESIGN	RS, DMC	
DRAWN	DMC	
CHECKED	RS	
DATE	05/31/2022	
PROJECT No. 19309.05JN		
SHEET NUMBER M132		
No.	Date	Item
REVISIONS		

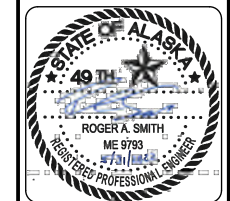
1" THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES



1 FIRST FLOOR HEATING ZONE PLAN
M141 SCALE: 1/8" = 1'-0"



CONSULTANT:



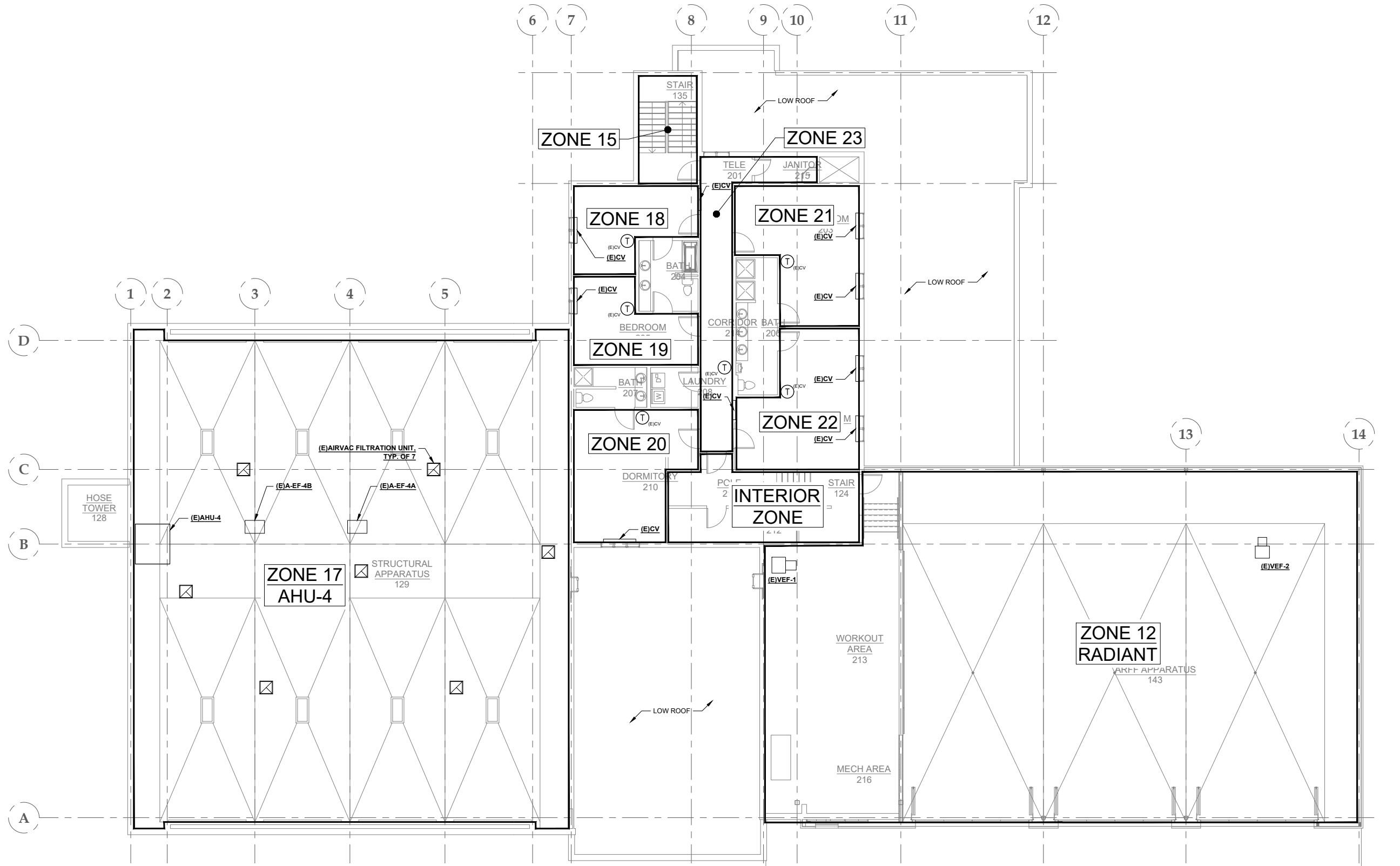
Juneau, AK
9103 Mendota Mall, Box 4
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEC 6163270

PROJECT:
GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA

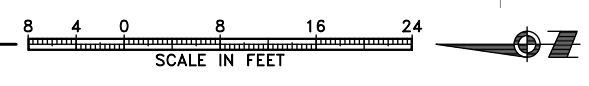
SHEET TITLE:
FIRST FLOOR HEATING ZONE PLAN
CONSTRUCTION DOCUMENTS

DESIGN	RS, DMC	
DRAWN	DMC	
CHECKED	RS	
DATE	05/31/2022	
PROJECT No. 19309.05JN		
SHEET NUMBER M141		
No.	Date	Item
REVISIONS		

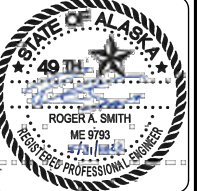
1" THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES



1 SECOND FLOOR HEATING ZONE PLAN
M142 SCALE: 1/8" = 1'-0"



CONSULTANT:



Juneau, AK
9100 Mendota Rd, Box 4
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEC 163270



PROJECT:
GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA

SHEET TITLE:
SECOND FLOOR HEATING ZONE PLAN
CONSTRUCTION DOCUMENTS

DESIGN RS, DMC
DRAWN DMC
CHECKED RS
DATE 05/31/2022

PROJECT No.
19309.05JN
SHEET NUMBER

M142

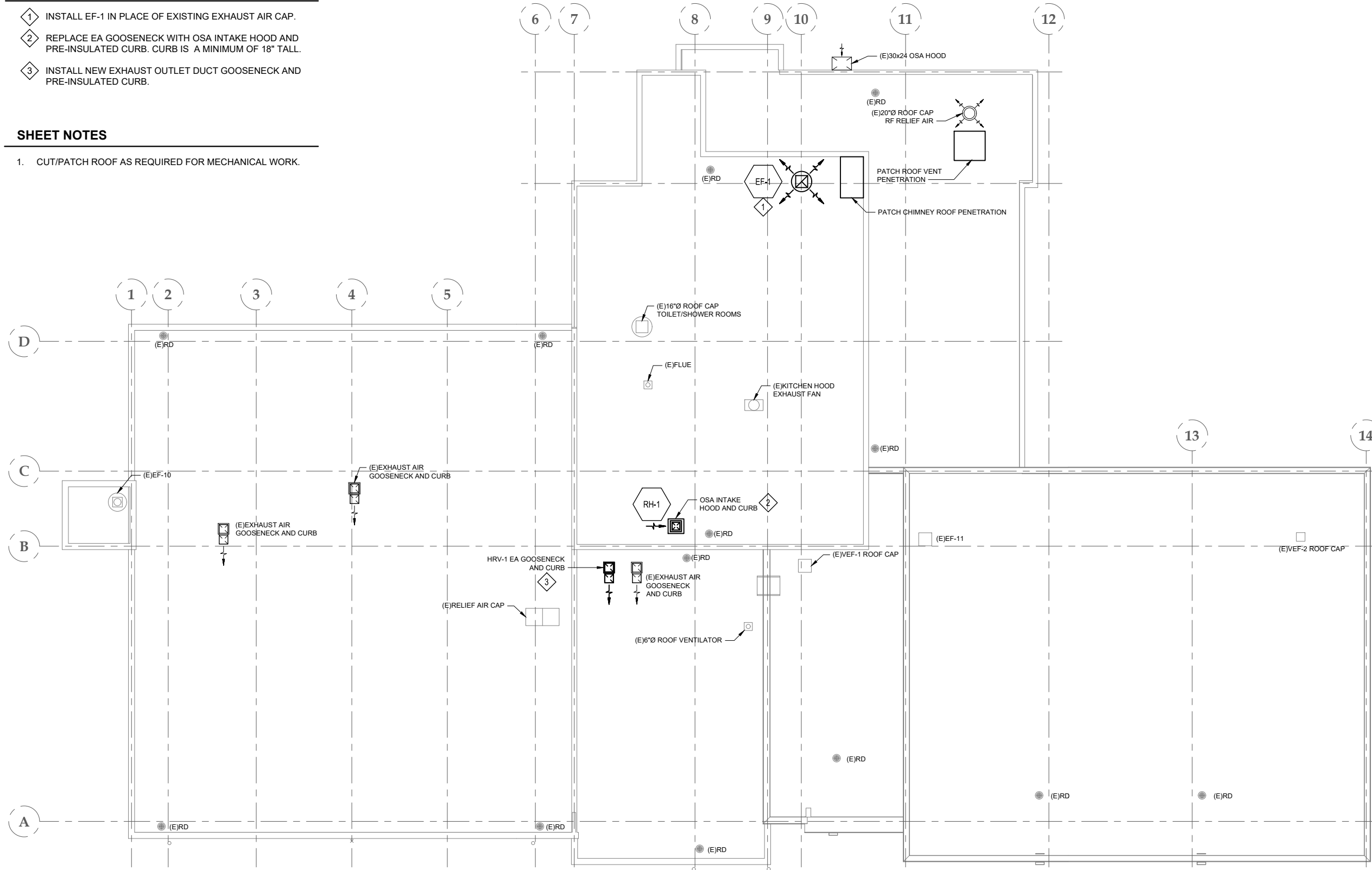
No.	Date	Item
REVISIONS		

SHEET KEYNOTES

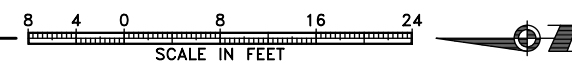
- 1 INSTALL EF-1 IN PLACE OF EXISTING EXHAUST AIR CAP.
- 2 REPLACE EA GOOSENECK WITH OSA INTAKE HOOD AND PRE-INSULATED CURB. CURB IS A MINIMUM OF 18" TALL.
- 3 INSTALL NEW EXHAUST OUTLET DUCT GOOSENECK AND PRE-INSULATED CURB.

SHEET NOTES

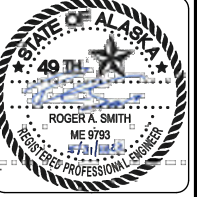
- 1. CUT/PATCH ROOF AS REQUIRED FOR MECHANICAL WORK.



1 ROOF PLAN
M201 SCALE: 1/8" = 1'-0"



CONSULTANT :



Juneau, AK
9100 Mendota Mall, Rm. 404
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEC 6163270



PROJECT :
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE :
ROOF PLAN

CONSTRUCTION DOCUMENTS

DESIGN *RS, DMC*
DRAWN *DMC*
CHECKED *RS*
DATE *05/31/2022*

PROJECT No.
19309.05JN
SHEET NUMBER

M201

No.	Date	Item

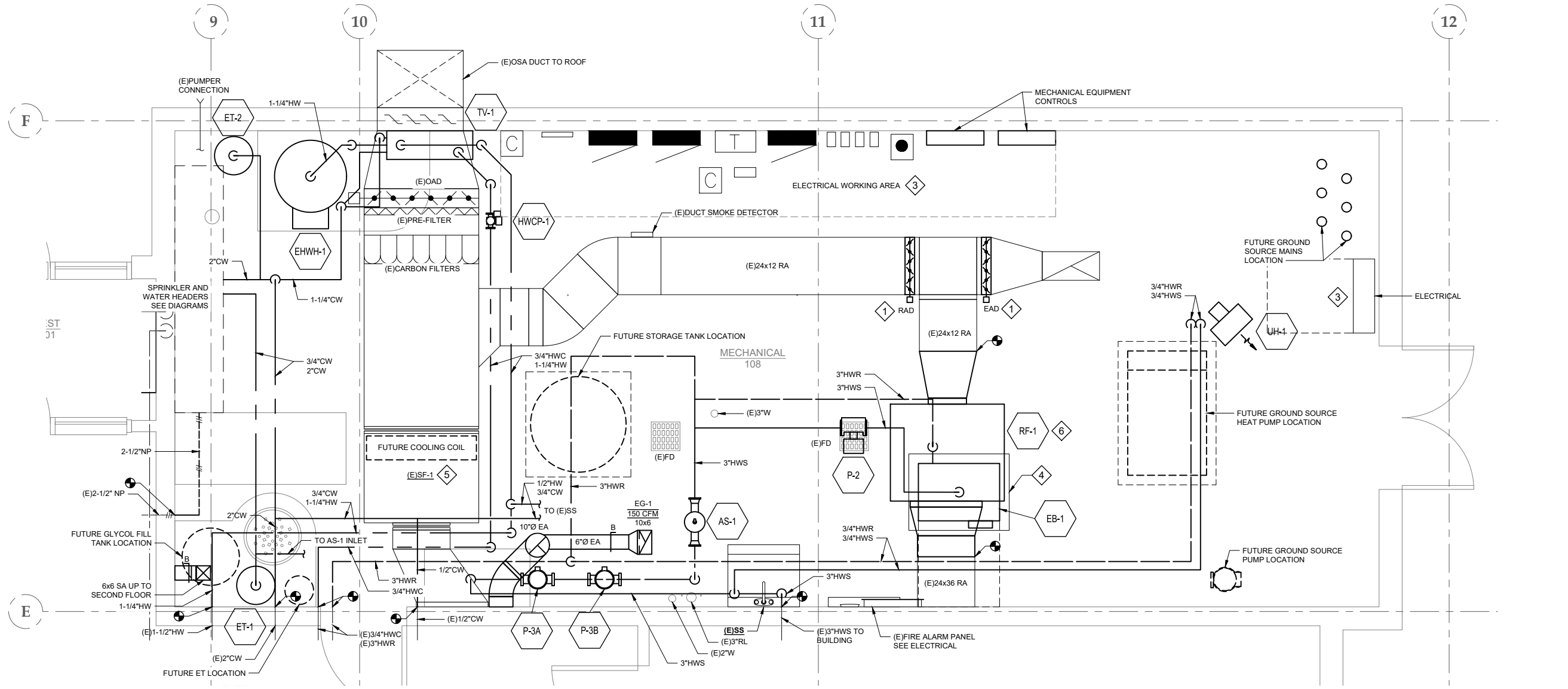
1" SHEET KEYNOTES SHEET NOTES 9 10 11 12 F E 1 ENLARGED MECHANICAL ROOM PLAN M301 SCALE: 1/2" = 1'-0" 2 THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES

SHEET KEYNOTES

- 1 REPLACE EXISTING CONTROL DAMPER AND ACTUATOR. VERIFY EXISTING SIZE ON-SITE.
- 2 INSTALL RF-1 IN PLACE OF EXISTING. CONNECT TO EXISTING DUCTWORK.
- 3 ELECTRICAL WORKING AREA. KEEP CLEAR. PIPING SHALL NOT PASS OVER ELECTRICAL EQUIPMENT.
- 4 CONCRETE HOUSEKEEPING PAD.
- 5 REMOVE SF-1 TRANE CONTROLS. INSTALL NEW DDC CONTROLS FOR SF-1 / RF-1 SYSTEM.
- 6 PROVIDE SEISMIC RESTRAINT OF SUSPENDED RF-1 FAN UNIT.

SHEET NOTES

1. DEMOLISH HEATING PLANT IN ITS ENTIRETY. REPLACE WITH ELECTRIC BOILER SYSTEM. INSTALL ALL NEW PIPING AND CONTROLS.
2. REMOVE EXISTING DOMESTIC COLD WATER, HOT WATER, AND HOT WATER CIRCULATING PIPING IN BOILER ROOM AND REPLACE WITH NEW. INSTALL NEW HOT WATER HEATING SYSTEM.
3. INSTALL NEW DDC CONTROLS.
4. INSTALL EB-1 ON 4"-HIGH CONCRETE HOUSEKEEPING PAD.
5. PROVIDE SEISMIC RESTRAINT FOR ALL EQUIPMENT AND PIPING.
6. SEE PIPING DIAGRAMS FOR COMPLETE PIPING CONFIGURATION, SIZING, VALVING, AND ADDITIONAL REQUIREMENTS.
7. SEE CONTROL DIAGRAMS FOR SENSOR AND DUCT THERMOMETER LOCATIONS.
8. REPLACE SPRINKLER HEADS WITH NEW.
9. PROVIDE TEMPORARY HEATING, DOMESTIC WATER SUPPLY, AND DOMESTIC HOT WATER FOR FACILITY DURING DEMOLITION AND INSTALLATION OF MECHANICAL SYSTEMS. COORDINATE REQUIREMENTS WITH OWNER. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

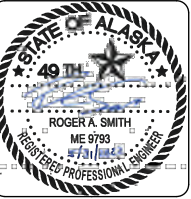


1 ENLARGED MECHANICAL ROOM PLAN

M301 SCALE: 1/2" = 1'-0"



CONSULTANT :



Juneau, AK
 9103 Mendota Mall, Rm. 404
 Juneau, AK 99801
 Phone: 907.586.0060
 Fax: 907.586.3771
 AEC/C 163270



PROJECT :
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE :
**ENLARGED MECHANICAL ROOM
 PLAN**
CONSTRUCTION DOCUMENTS

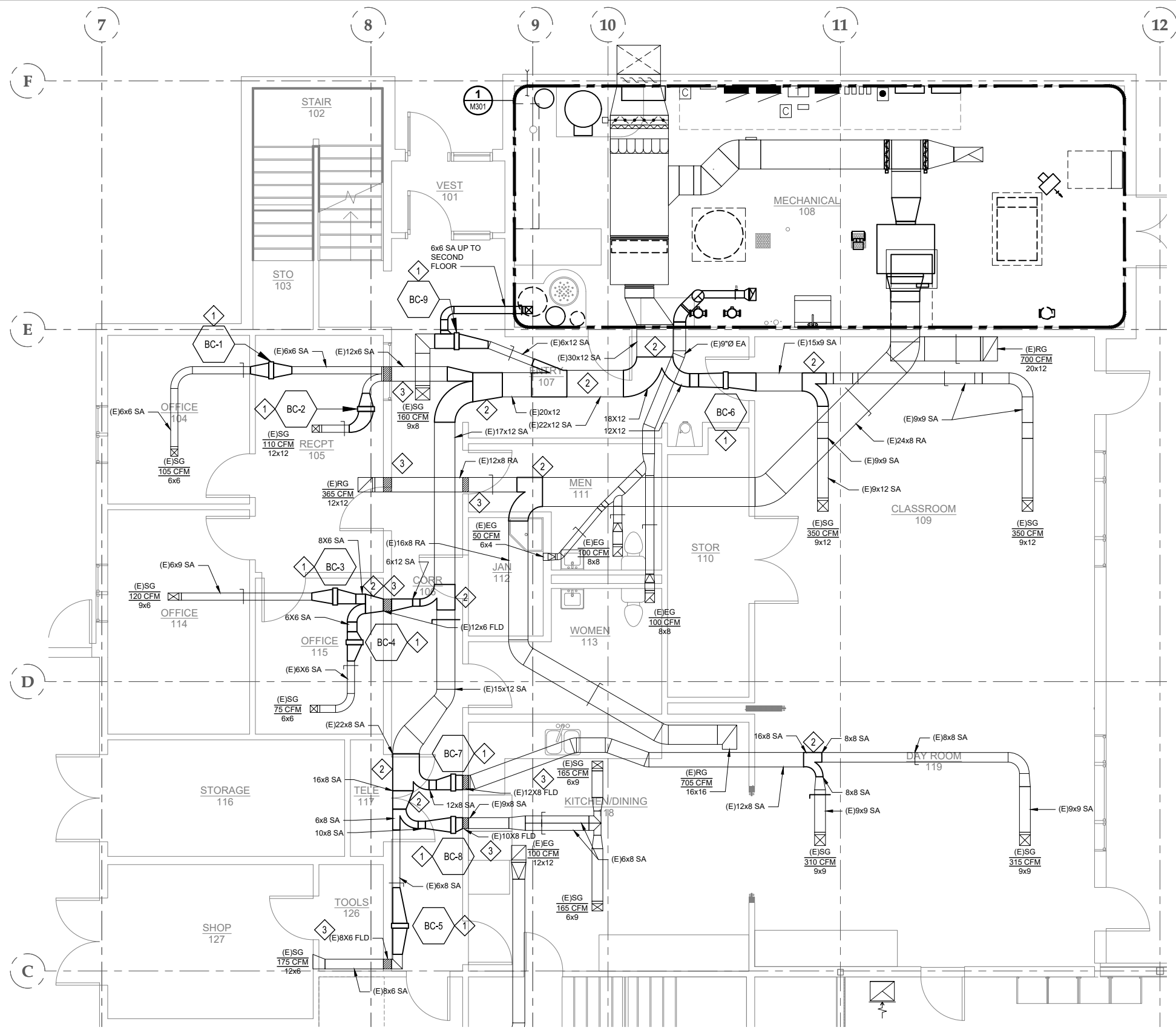
DESIGN RS, DMC
 DRAWN DMC
 CHECKED RS
 DATE 05/31/2022

PROJECT No.
19309.05JN
 SHEET NUMBER

M301

No.	Date	Item

1" = 1'-0" SCALE. THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION. AFFECTING ALL LABELED SCALES.



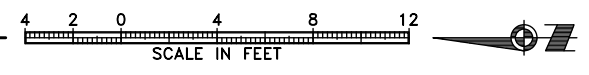
SHEET KEYNOTES

- 1 INSTALL BC IN PLACE OF EXISTING. REVISE DUCTWORK AS NEEDED. INSTALL ACCESS DOOR ON INLET AND OUTLET. SEE DETAIL 6 ON M501.
- 2 MODIFY DUCT AS NEEDED FOR REMOVAL OF SPLITTER DAMPER. INSTALL NEW FITTING AND INDIVIDUAL BALANCE DAMPERS ON EACH OUTLET AS SHOWN.
- 3 EXISTING FUSIBLE LINK FIRE DAMPER NOT REQUIRED. LOCK OPEN.

SHEET NOTES

- 1. EXISTING DUCTWORK LOCATIONS AND SIZES ARE TAKEN FROM ORIGINAL CONSTRUCTION DOCUMENTS AND AS-BUILTS. CONTRACTOR TO VERIFY LOCATIONS, SIZES, AND CONFIGURATION OF DUCTWORK ON-SITE.

1 ENLARGED FIRST FLOOR VENTILATION PLAN
M302 SCALE: 1/4" = 1'-0"



CONSULTANT:

Juneau, AK
 9100 Mendota Rd. Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0060
 Fax: 907.586.3771
 AEC# 63270

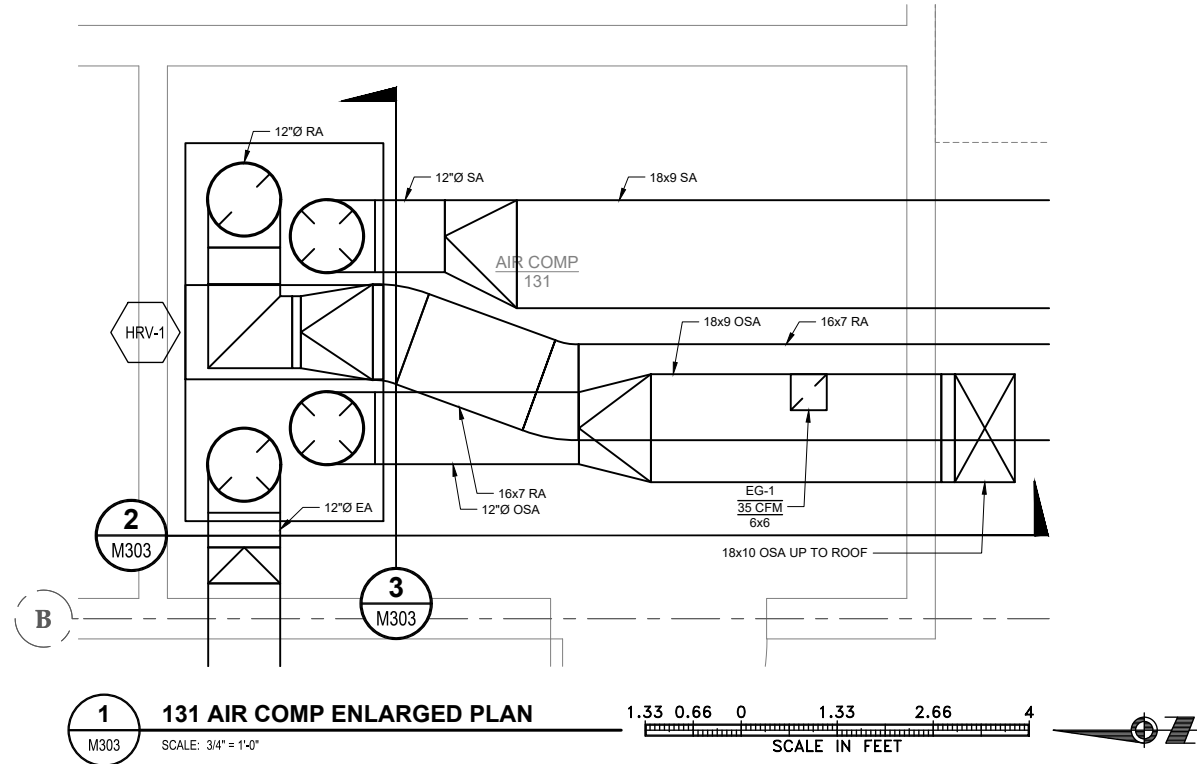
PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
**ENLARGED FIRST FLOOR
 VENTILATION PLAN**

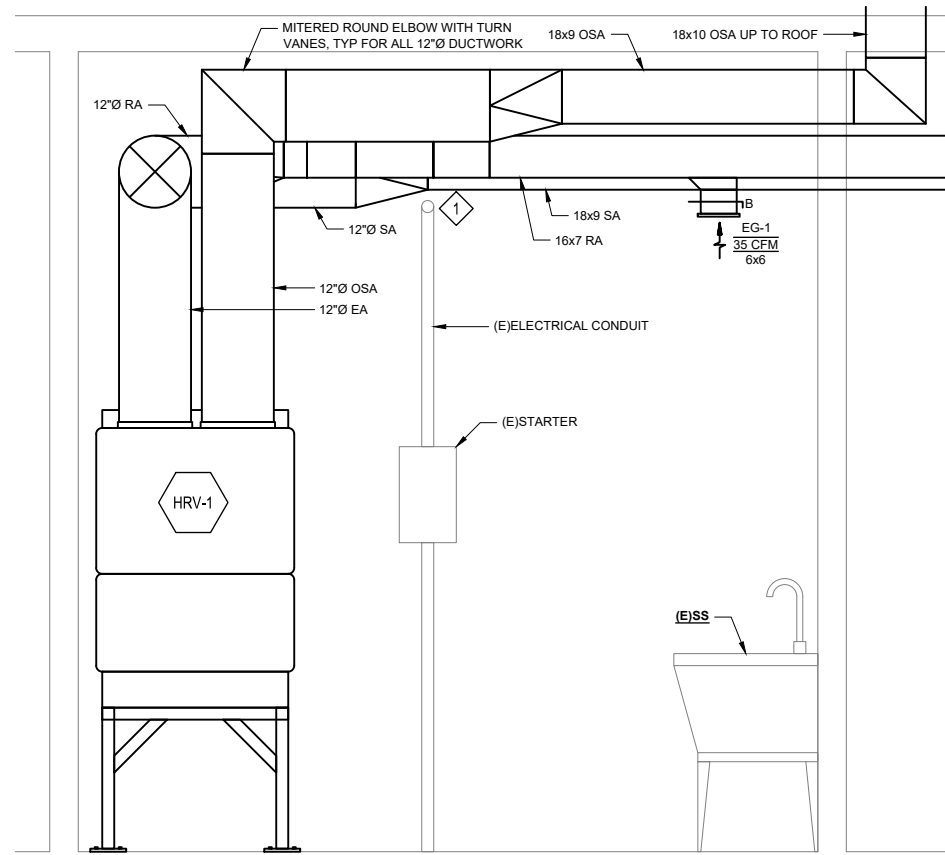
CONSTRUCTION DOCUMENTS

DESIGN	RS, DMC	
DRAWN	DMC	
CHECKED	RS	
DATE	05/31/2022	
PROJECT No. 19309.05JN		
SHEET NUMBER M302		
No.	Date	Item
REVISIONS		

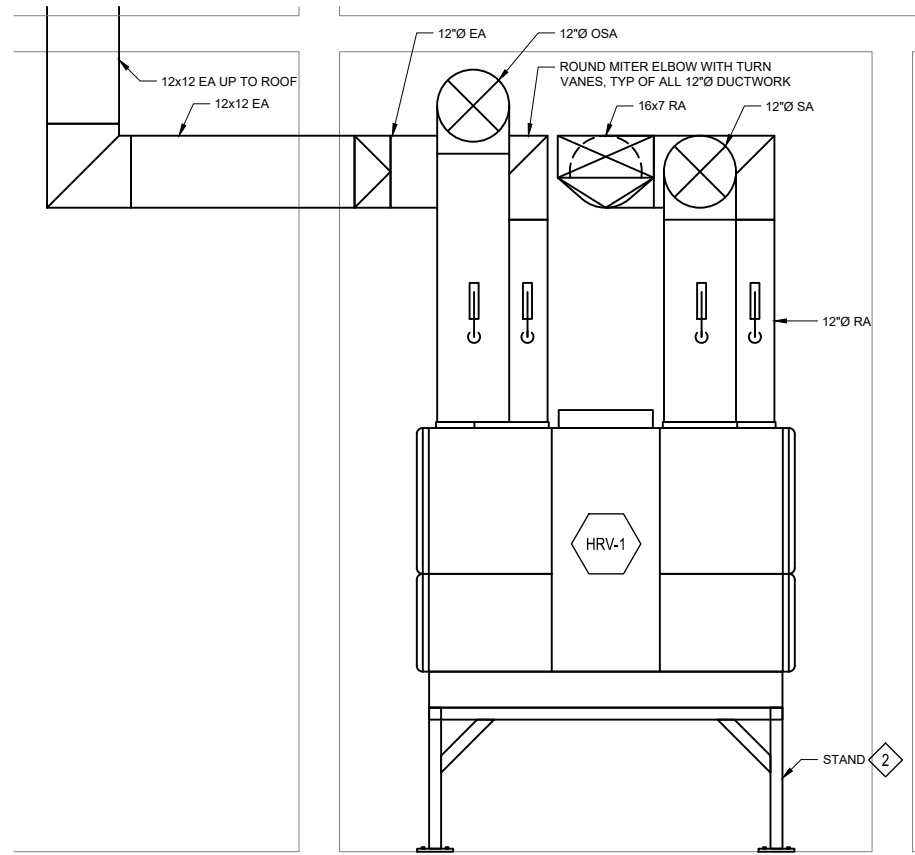
1"
 M:\Projects\19309.05\2022\CBJ\19309.05\19309.05\ENLARGED\131 AIR COMP ENLARGED 131 AIR COMP PLANS May 31, 2022 2:35 PM THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES



1 131 AIR COMP ENLARGED PLAN
 M303 SCALE: 3/4" = 1'-0"
 1.33 0.66 0 1.33 2.66 4
 SCALE IN FEET



2 131 AIR COMP SECTION A
 M303 SCALE: 3/4" = 1'-0"
 1.33 0.66 0 1.33 2.66 4
 SCALE IN FEET



3 131 AIR COMP SECTION B
 M303 SCALE: 3/4" = 1'-0"
 1.33 0.66 0 1.33 2.66 4
 SCALE IN FEET

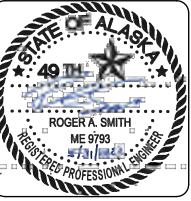
SHEET KEYNOTES

- 1 ROUTE DUCTWORK ABOVE EXISTING CONDUIT.
- 2 FABRICATED STRUCTURAL STEEL STAND. INSTALL HRV 2'-0" ABOVE FLOOR.

SHEET NOTES

- 1. COORDINATE DUCT ROUTING WITH EXISTING AND NEW OBSTRUCTIONS. VERIFY ALL CONDITIONS AND OBSTRUCTIONS ON-SITE.
- 2. CUT/PATCH AS REQUIRED.

CONSULTANT :



Juneau, AK
 9103 Mendota Mall Rd. Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0060
 Fax: 907.586.3771
 AEC/C 163270



PROJECT :
 GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA

SHEET TITLE :
 ENLARGED 131 AIR COMP PLANS
 CONSTRUCTION DOCUMENTS

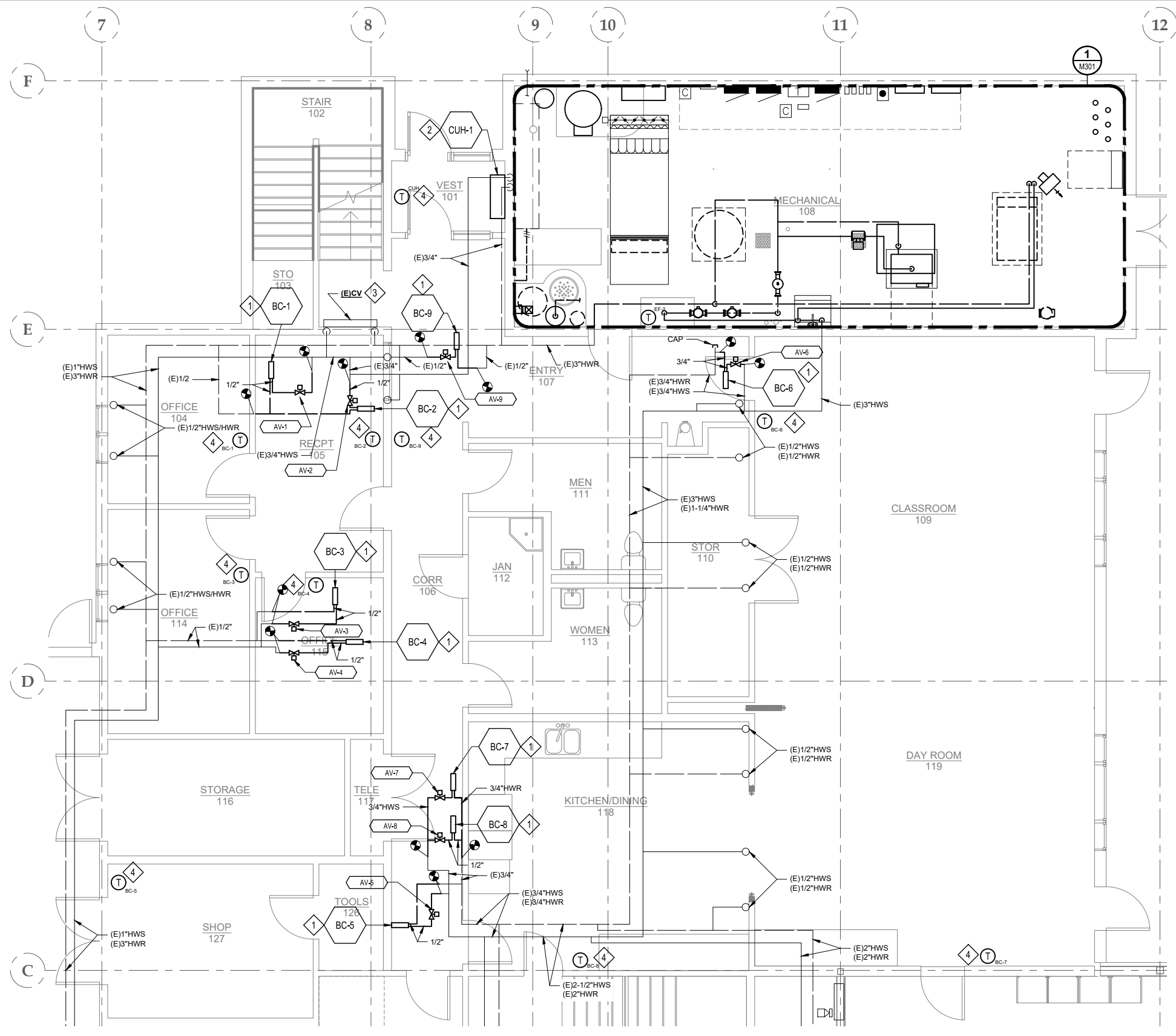
DESIGN RS, DMC
 DRAWN DMC
 CHECKED RS
 DATE 05/31/2022

PROJECT No.
19309.05JN
 SHEET NUMBER

M303

No.	Date	Item

1" = 1' SCALE. THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES.



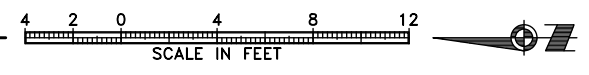
SHEET KEYNOTES

- 1 INSTALL BOOSTER COIL IN PLACE OF EXISTING. CONNECT TO EXISTING BRANCH PIPING. REPLACE 3-WAY AUTOMATIC CONTROL VALVE WITH 2-WAY CONTROL VALVE. REPLACE BALANCE VALVE, STRAINER, AIR VENT, AND ISOLATION VALVES. MODIFY PIPING AS REQUIRED. SEE DIAGRAMS.
- 2 INSTALL UH/CUH IN PLACE OF EXISTING. CONNECT TO EXISTING BRANCH PIPING. REPLACE AUTOMATIC CONTROL VALVE, BALANCE VALVE, STRAINER, AIR VENT, AND ISOLATION VALVES. MODIFY PIPING AS REQUIRED. SEE DIAGRAMS.
- 3 EXISTING CONVECTOR TO REMAIN. REPLACE AUTOMATIC CONTROL VALVE, BALANCE VALVE, STRAINER, AIR VENT, AND ISOLATION VALVES. MODIFY PIPING AS REQUIRED. SEE DIAGRAMS. CLEAN FINS THOROUGHLY. PREP AND PAINT EXISTING CONVECTOR COVER.
- 4 INSTALL DDC THERMOSTAT IN PLACE OF PNEUMATIC. CUT AND PATCH AS NEEDED.
- 5 INSTALL NEW DDC THERMOSTAT. MOUNT THERMOSTAT AT THE SAME HEIGHT, ABOVE FINISHED FLOOR, AS THOSE REPLACING PNEUMATIC THERMOSTATS. CUT AND PATCH AS NEEDED.

SHEET NOTES

- 1. EXISTING PIPE LOCATIONS AND SIZES ARE TAKEN FROM ORIGINAL CONSTRUCTION DOCUMENTS AND AS-BUILTS. CONTRACTOR TO VERIFY LOCATIONS, SIZES, AND CONFIGURATION OF PIPING ON-SITE.
- 2. REPLACE AUTOMATIC CONTROLS.
- 3. REPLACE ALL EXISTING SPRINKLER HEADS WITH NEW, EXCEPT IN 2016 ARFF ADDITION. ADJUST HEAD LOCATIONS AS NEEDED FOR REVISED CEILING GRID.
- 4. EXISTING HEATING PIPING IS TYPICALLY BLACK STEEL. INSTALL DIELECTRIC UNIONS WHEN ATTACHING COPPER PIPING TO EXISTING BLACK STEEL.

1 ENLARGED FIRST FLOOR PIPING PLAN
M304 SCALE: 1/4" = 1'-0"



CONSULTANT:

Juneau, AK
9100 Mendota Rd. Ste. 4
Juneau, AK 99801
Phone: 907.586.0080
Fax: 907.586.3771
AEC# 63270

PROJECT:

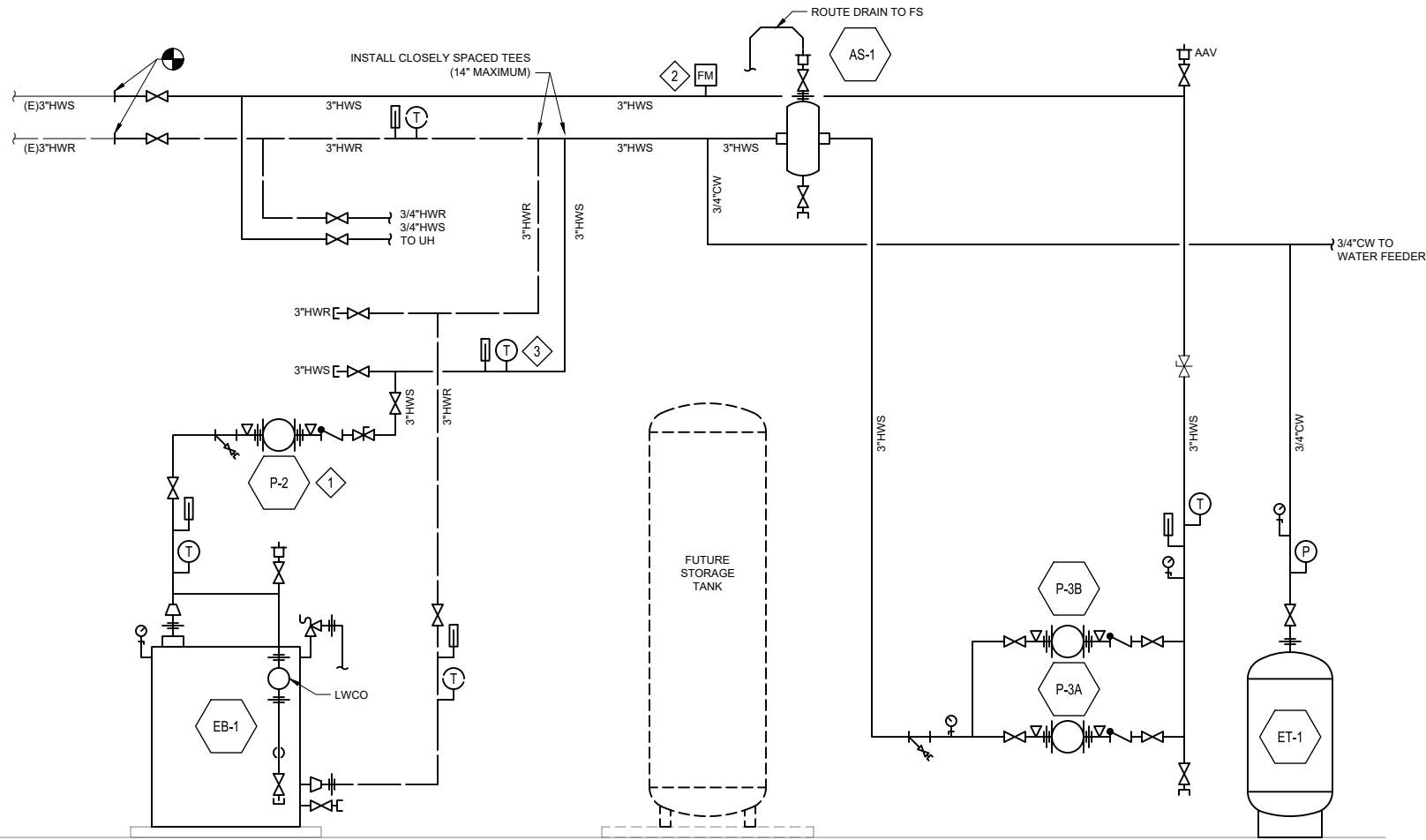
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE:

**ENLARGED FIRST FLOOR PIPING
PLAN**

CONSTRUCTION DOCUMENTS

DESIGN	RS, DMC	
DRAWN	DMC	
CHECKED	RS	
DATE	05/31/2022	
PROJECT No. 19309.05JN		
SHEET NUMBER M304		
No.	Date	Item
REVISIONS		



1 MECHANICAL ROOM HYDRONIC PIPING DIAGRAM
 M402 SCALE: NO SCALE

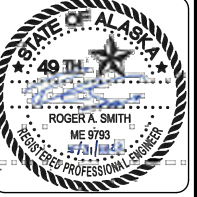
SHEET KEYNOTES

- 1 MOUNT BOILER PUMP, P-2, ACCESSIBLY AT 7'-0" AFF AND ADJACENT TO EQUIPMENT SERVED.
- 2 INSTALL FLOW METER IN LOCATION MEETING MANUFACTURERS REQUIREMENTS.
- 3 INSTALL CONTROL SENSOR WELL FOR FUTURE SENSOR.

SHEET NOTES

- 1. OFFSET STACKED PUMPS.
- 2. INSTALL AAV'S AT ALL HIGH POINTS.

CONSULTANT :



Juneau, AK
 9100 Mendota Mall, Rm. 404
 Juneau, AK 99801
 Phone: 907.586.0060
 Fax: 907.586.3771
 AEC 163270



PROJECT :
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

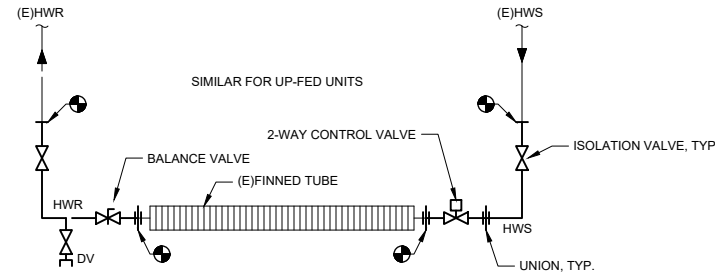
SHEET TITLE :
**HVAC DIAGRAMS
 CONSTRUCTION DOCUMENTS**

DESIGN *RS, DMC*
 DRAWN *DMC*
 CHECKED *RS*
 DATE *05/31/2022*

PROJECT No.
19309.05JN
 SHEET NUMBER

M402

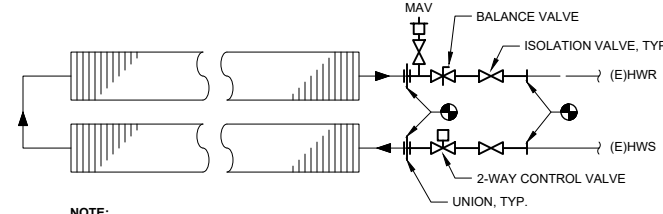
No.	Date	Item



NOTE:
 1. PIPING IS BLACK STEEL. REPLACE ISOLATION VALVES, CONTROL VALVE, BALANCE VALVE, AND UNIONS.
 2. INSTALL MAV ON UP-FED INSTALLATION.

1 FINNED TUBE CONVECTOR PIPING DIAGRAM

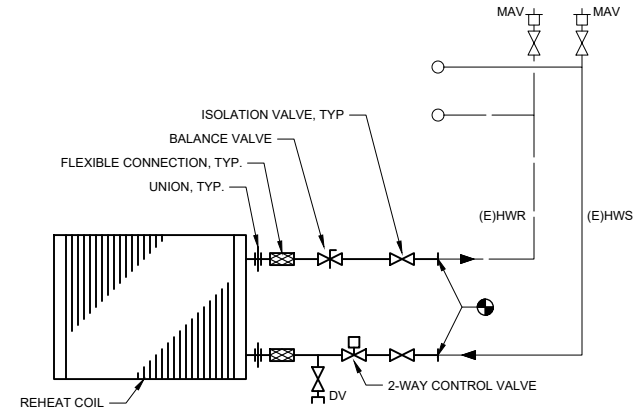
M501 SCALE: NO SCALE



NOTE:
 PIPING IS BLACK STEEL. REPLACE ISOLATION VALVES, CONTROL VALVE, BALANCE VALVE, AND UNIONS.

2 CONVECTOR PIPING DIAGRAM

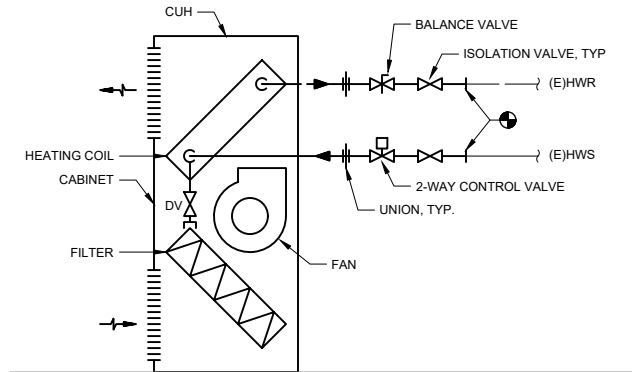
M501 SCALE: NO SCALE



NOTE:
 1. PIPING IS BLACK STEEL. REPLACE ISOLATION VALVES, CONTROL VALVE, BALANCE VALVE, AND UNIONS.
 2. SEE PLANS FOR PIPE SIZES.

3 BOOSTER COIL PIPING DIAGRAM

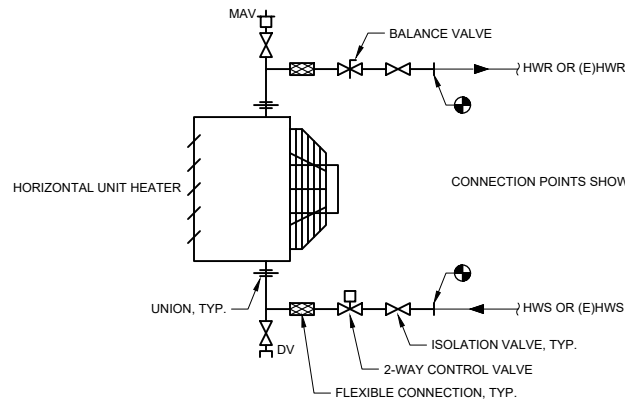
M501 SCALE: NO SCALE



NOTE:
 PIPING IS BLACK STEEL. REPLACE ISOLATION VALVES, CONTROL VALVE, BALANCE VALVE, AND UNIONS.

4 CABINET UNIT HEATER PIPING DIAGRAM

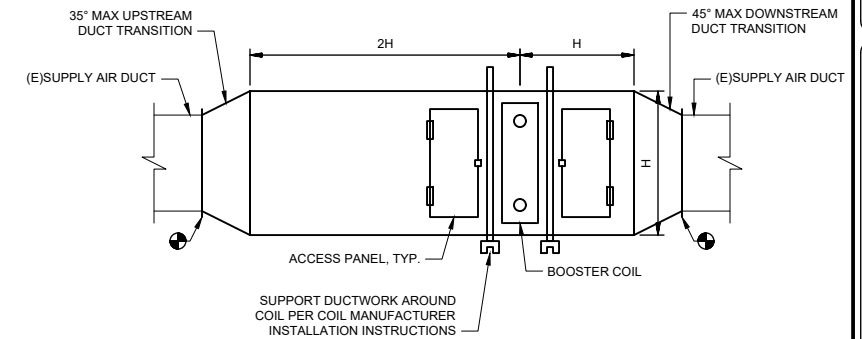
M501 SCALE: NO SCALE



NOTE:
 PIPING IS BLACK STEEL. REPLACE ISOLATION VALVES, CONTROL VALVE, BALANCE VALVE, AND UNIONS.

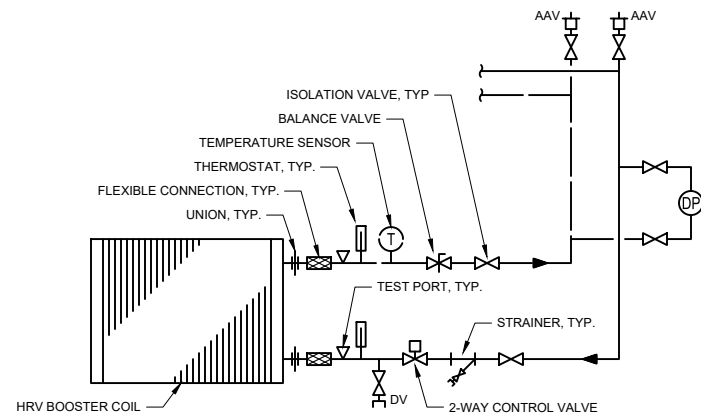
5 HORIZONTAL UNIT HEATER PIPING DIAGRAM

M501 SCALE: NO SCALE



6 BOOSTER COIL CONSTRUCTION DETAIL

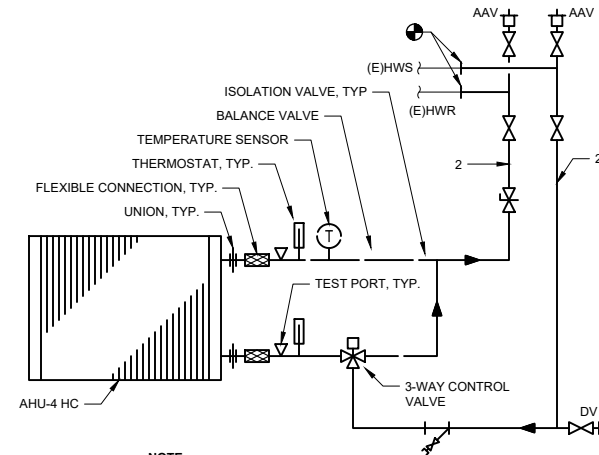
M501 SCALE: NO SCALE



NOTE:
 1. SEE PLANS FOR PIPE SIZES.

7 HRV-1 BOOSTER COIL PIPING DIAGRAM

M501 SCALE: NO SCALE

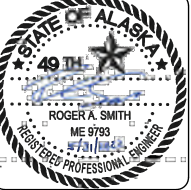


NOTE:
 PIPING IS BLACK STEEL. REPLACE ISOLATION VALVES, CONTROL VALVE, BALANCE VALVE, AND UNIONS.

8 AHU-4 HEATING COIL PIPING DIAGRAM

M501 SCALE: NO SCALE

CONSULTANT :



Juneau, AK
 91001 Mendocino Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0080
 Fax: 907.586.3771
 AEC 163270



PROJECT :
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

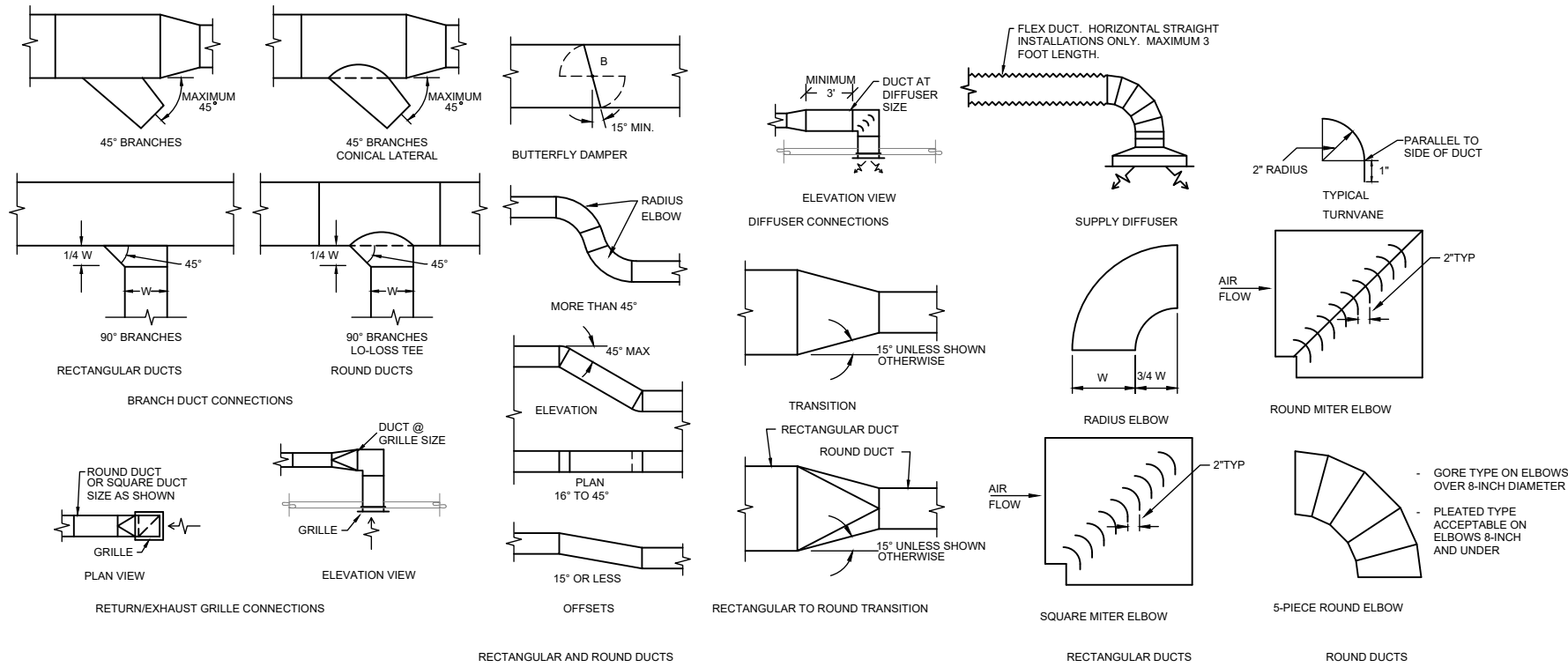
SHEET TITLE :
**DETAILS
 CONSTRUCTION DOCUMENTS**

DESIGN RS, DMC
 DRAWN DMC
 CHECKED RS
 DATE 05/31/2022

PROJECT No.
19309.05JN
 SHEET NUMBER

M501

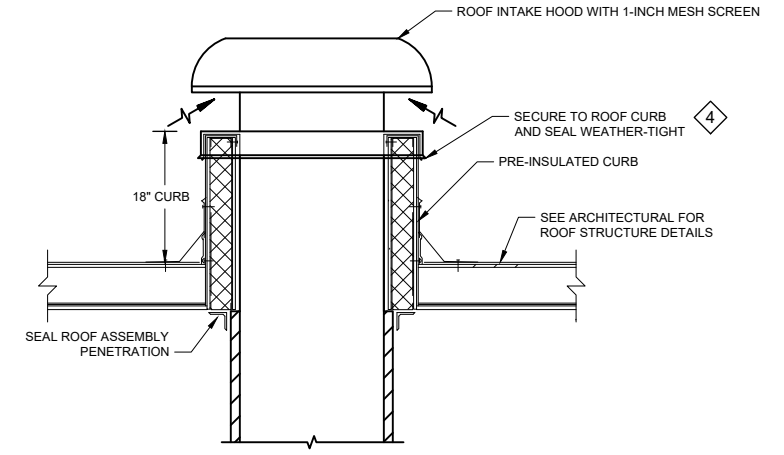
No.	Date	Item
REVISIONS		



NOTES: 1. ALL DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE DETAILS AND THE SPECIFICATIONS.
 2. MANUAL DAMPER SHALL BE INSTALLED IN EVERY BRANCH DUCT SERVING A DIFFUSER OR GRILLE AND WHERE TWO DUCTS JOIN.

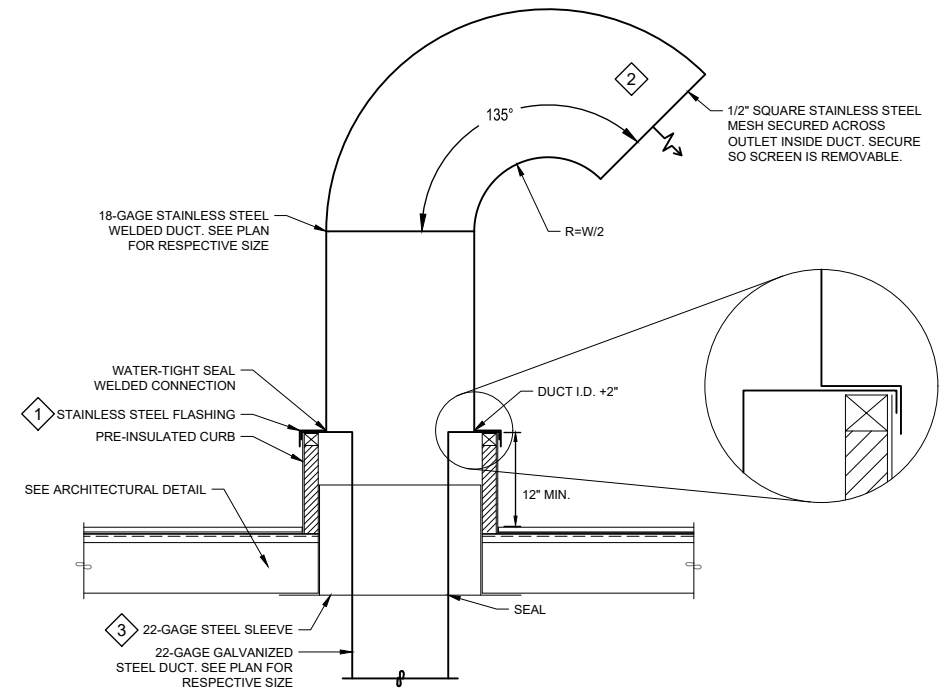
1 DUCT CONSTRUCTION DETAILS

M502 SCALE: NO SCALE



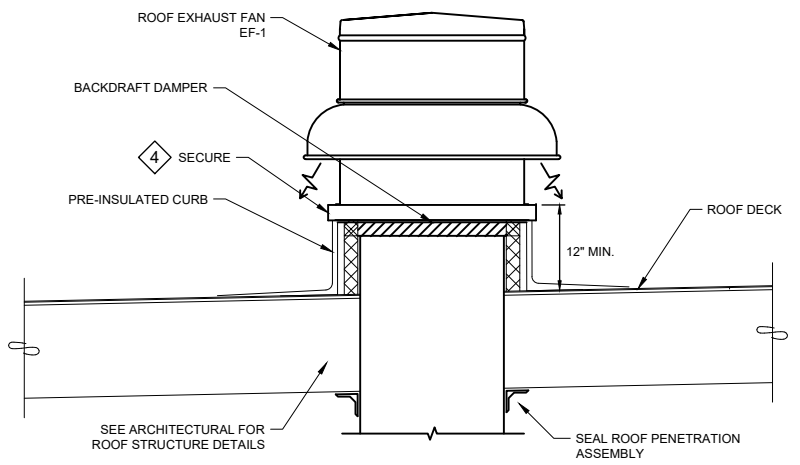
2 OUTSIDE AIR INTAKE HOOD DETAIL (RH-1)

M502 SCALE: NO SCALE



3 ROOF EXHAUST GOOSENECK DETAIL

M502 SCALE: NO SCALE



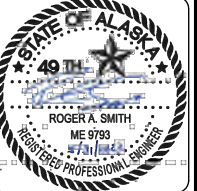
4 ROOF EXHAUST FAN DETAIL

M401 SCALE: NO SCALE

SHEET KEYNOTES

- 1 FLASHING FIELD FIT AND MODIFIED TO OVERLAP CURB A MINIMUM OF 1-1/2". FLASHING SECURED TO SIDE OF NAILER AND CURB WITH STAINLESS STEEL FASTENERS AT 3" O.C.
- 2 THE EXHAUST DUCT OUTLET SHOULD BE A MINIMUM OF 3 FEET ABOVE THE FINISHED ROOF. WITH DISCHARGE POINTED GENERALLY IN NORTHWEST DIRECTION, AWAY FROM PREVAILING WINDS, AND AWAY FROM BUILDING OPENINGS.
- 3 22-GAGE STEEL SLEEVE MOUNTED AS SHOWN AND SECURED TO UNDERSIDE OF CEILING WITH STAINLESS STEEL FASTENERS AT 6" O.C.
- 4 SECURE HOOD/FAN TO CURB WITH STAINLESS STEEL FASTENERS AT 3" O.C.

CONSULTANT:



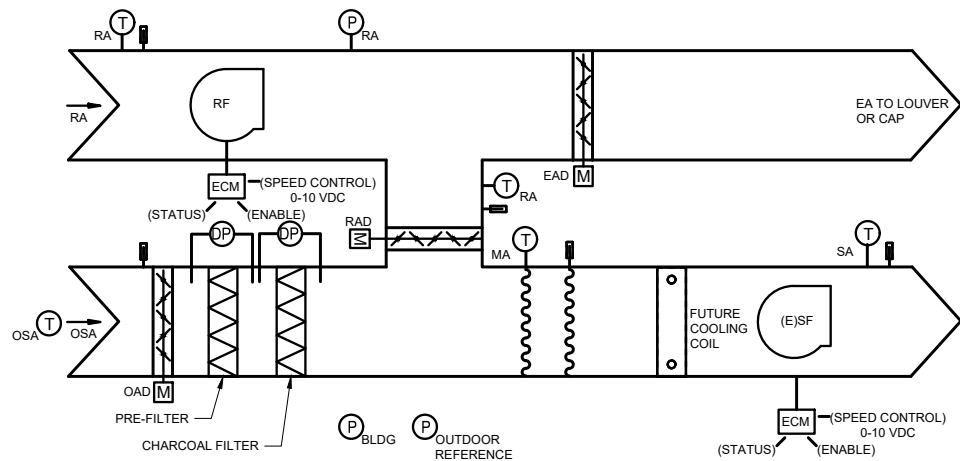
Juneau, AK
 9103 Mendota Mall, Rm. 4
 Juneau, AK 99801
 Phone: 907.586.0080
 Fax: 907.586.3771
 AEC/C 163270



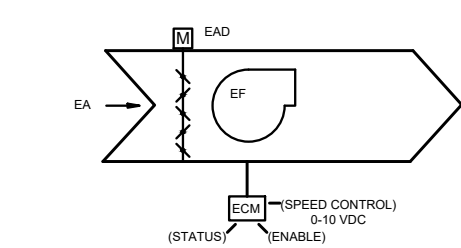
PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
DETAILS
 CONSTRUCTION DOCUMENTS

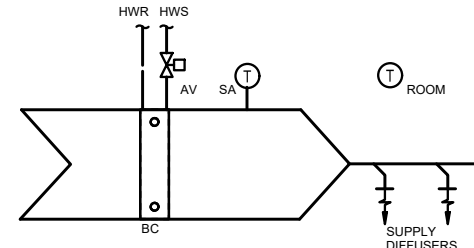
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DRAWN	DMC	
CHECKED	RS	
DATE	05/31/2022	
PROJECT No. 19309.05JN		
SHEET NUMBER M502		
No.	Date	Item
REVISIONS		



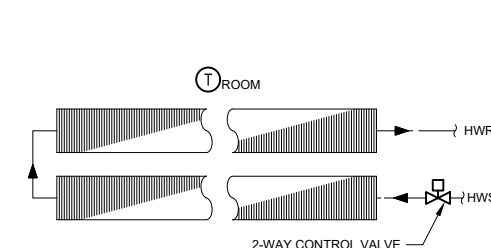
1 SF AND RF CONTROL DETAIL
M503 SCALE: NO SCALE



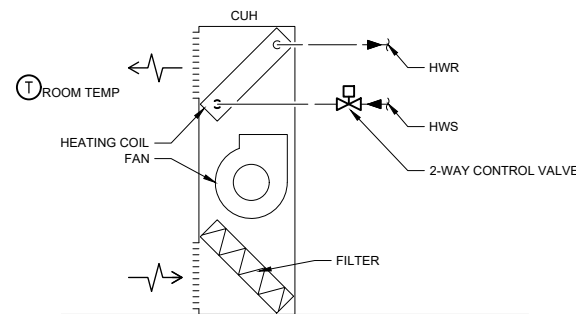
2 EF-1 EXHAUST FAN CONTROL DETAIL
M503 SCALE: NO SCALE



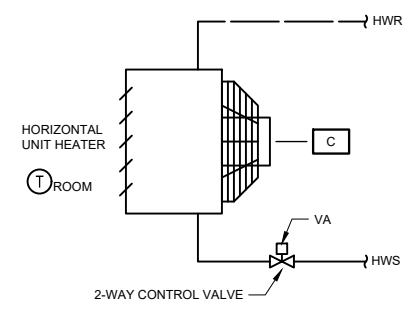
3 BOOSTER COIL CONTROL DETAIL
M503 SCALE: NO SCALE



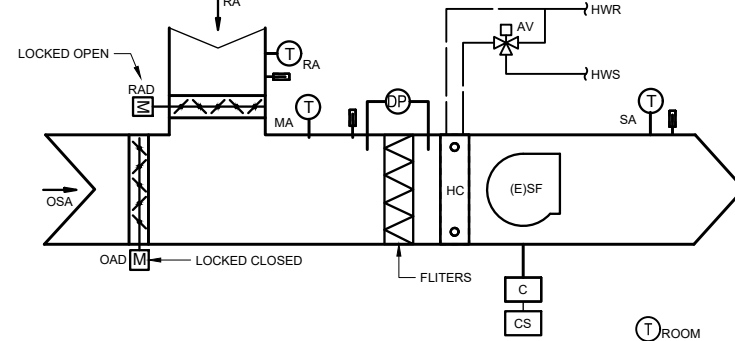
4 CONVECTOR CONTROL DETAIL
M503 SCALE: NO SCALE



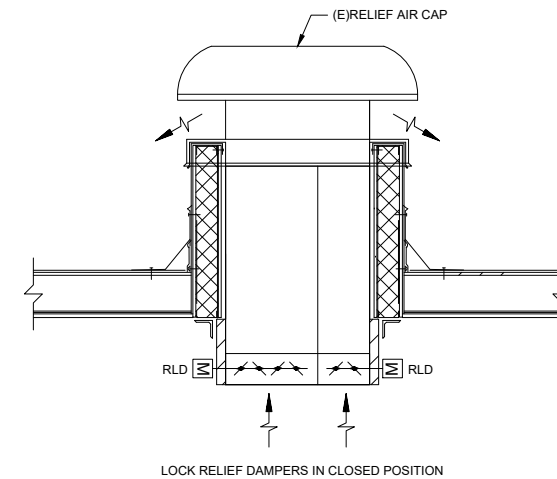
5 CABINET UNIT HEATER CONTROL DETAIL
M503 SCALE: NO SCALE



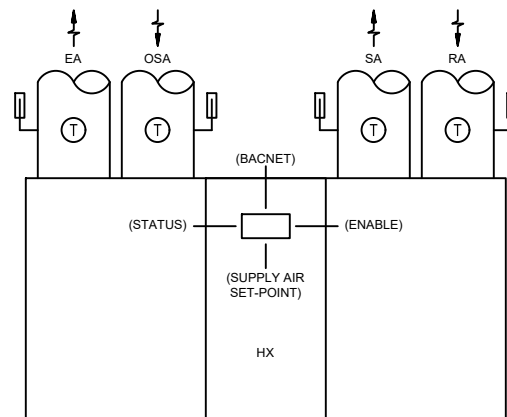
6 UNIT HEATER CONTROL DETAIL
M503 SCALE: NO SCALE



7 AHU-4 APPARATUS BAY HEATING UNIT CONTROL DETAIL
M503 SCALE: NO SCALE

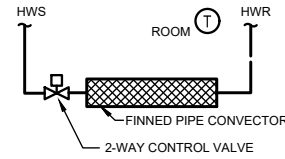


8 AHU-4 APPARATUS BAY RELIEF CONTROL DETAIL
M503 SCALE: NO SCALE



9 HEAT RECOVERY VENTILATION (HRV) CONTROL DETAIL
M503 SCALE: NO SCALE

NOTE:
1. HRV CONTROLS BY HRV MANUFACTURER.
2. DDC TO PROVIDE HARDWIRED STATUS AND ENABLE.
3. DDC TO PROVIDE SUPPLY AIR SET-POINT TO HRV CONTROLLER.
4. DDC TO PROVIDE MONITORING THROUGH BACNET CONNECTION.
5. TEMPERATURE SENSORS FIELD INSTALLED.

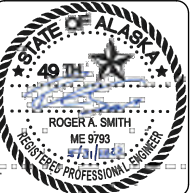


10 FINNED TUBE CONVECTOR CONTROL DETAIL
M503 SCALE: NO SCALE

SHEET NOTES

- SEE HEATING PLANT AND WATER HEATER PIPING DIAGRAMS FOR CONTROL DEVICES.
- PROVIDE GRAPHICS SCREENS FOR HEATING PLANT AND DOMESTIC HW HEATING SYSTEM AS SHOWN ON PIPING DIAGRAMS.
- THE DIAGRAMS AND POINTS SHOWN HERE ARE SCHEMATIC ONLY. REFER TO SEQUENCE OF OPERATIONS AND SPECIFICATIONS FOR COMPLETE CONFIGURATION OF THE SYSTEMS. COORDINATE WITH ALL OTHER DISCIPLINES TO ACHIEVE RESULTS AS SHOWN AND INTENDED IN THE DOCUMENTS. GENERAL NOTES APPLY TO ALL CONTROLS DRAWINGS.
- SEE FLOOR PLANS AND PIPING DIAGRAMS FOR RESPECTIVE ROOM THERMOSTAT, IMMERSION THERMOSTAT, AND PRESSURE SWITCH LOCATIONS. SEE PLANS FOR OTHER CONTROL EQUIPMENT LOCATIONS. COORDINATE WITH OTHER SPECIFICATION DIVISIONS FOR EQUIPMENT INTERFACE REQUIREMENTS, INCLUDING PIPING TEES AND WELLS, SENSOR LOCATIONS, AND INTERCONNECTIONS.
- ALL SYSTEMS ABBREVIATIONS, FUNCTIONS, AND EQUIPMENT NAMES SHALL BE LISTED IN ALL SUBMITTAL DATA, O&M DATA, AND AS-BUILTS, AS SHOWN.
- INSTALL SENSING DEVICES ADJACENT TO MECHANICAL THERMOMETERS AND GAGES. THERMOMETERS SHOWN ON CONTROL DRAWINGS ARE TO BE PROVIDED AND INSTALLED BY MECHANICAL CONTRACTOR.
- SEE ELECTRICAL SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS CONCERNING RACEWAYS AND BOXES.
- SEE PIPING DIAGRAMS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

CONSULTANT :



Juneau, AK
91001 Mendota Rd, Box 4
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEC 163270



PROJECT :
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE :
**CONTROL SCHEMATICS
CONSTRUCTION DOCUMENTS**





DESIGN RS, DMC
DRAWN DMC
CHECKED RS
DATE 05/31/2022

PROJECT No.
19309.05JN
SHEET NUMBER














M503

No.	Date	Item
REVISIONS		

POWER DEVICES

-  SPECIAL PURPOSE RECEPTACLE
-  SIMPLEX RECEPTACLE
-  DOUBLE DUPLEX RECEPTACLE
-  DUPLEX RECEPTACLE










FIRE ALARM

-  MANUAL PULL STATION
-  SMOKE DETECTOR
-  SMOKE DETECTOR DUCT MOUNTED
-  HEAT DETECTOR
-  COMBINATION SMOKE AND CARBON MONOXIDE DETECTOR
-  HORN/STROBE
-  STROBE ONLY UNIT
-  FIRE ALARM CONTROL PANEL
-  VALVE TAMPER SWITCH
-  WATER FLOW SWITCH
-  PRESSURE SWITCH
-  CONTROL RELAY
-  BELL

SIGNAL







-  DATA OUTLET

WIRING

-  JUNCTION BOX
-  CONDUIT CONCEALED IN CEILING OR WALL
-  CONDUIT CONCEALED IN FLOOR OR UNDER SLAB
-  HOT CONDUCTOR
-  NEUTRAL CONDUCTOR
-  GROUND CONDUCTOR
-  ISOLATED GROUND CONDUCTOR
-  HOMERUN TO INDICATED DESTINATION
-  FLEXIBLE CONDUIT CONNECTION

NOTE: WIRING NOT SHOWN WHERE ONLY A HOT, NEUTRAL, AND GROUND ARE REQUIRED.


















DISTRIBUTION

-  BRANCH CIRCUIT PANELBOARD
-  MOTOR CONNECTION
-  DISCONNECT SWITCH
-  FUSED DISCONNECT SWITCH
-  COMBINATION STARTER
-  STARTER OR CONTACTOR



SWITCHING

-  PUSHBUTTON STATION

DIAGRAMS

-  20/1 CIRCUIT BREAKER
-  NORMALLY OPEN PUSHBUTTON
-  NORMALLY CLOSED PUSHBUTTON
-  3-POSITION SELECTOR SWITCH
-  2-POSITION SELECTOR SWITCH
-  SWITCH
-  OVERLOAD
-  NORMALLY OPEN CONTACTS
-  NORMALLY CLOSED CONTACTS
-  CONTACTOR COIL
-  RELAY COIL
-  CURRENT TRANSFORMER
-  POTENTIAL TRANSFORMER
-  FUSE
-  400AS 250AF FUSED SWITCH, WITH SWITCH AND FUSE RATING
-  CONNECTION TO GROUND
-  TRANSFORMER

REFERENCE SYMBOLS

-  SHEET NOTE REFERENCE
-  2 E103 DETAIL REFERENCE
- (E) EXISTING
- (N) NEW
- (X) REMOVE
- (RL) RELOCATE
- (P) REPLACE
- (X/S) DISCONNECT AND SALVAGE
- (F) FUTURE


ABBREVIATIONS

- A AMPERES
- AC ALTERNATING CURRENT
- AF AMPERE (RATED) FUSE
- AFF ABOVE FINISHED FLOOR
- AS AMPERE (RATED) SWITCH
- AWG AMERICAN WIRE GAUGE
- C CONDUIT
- CT CURRENT TRANSFORMER
- DWG DRAWING
- FACP FIRE ALARM CONTROL PANEL
- FLA FULL LOAD AMPERES
- GFI GROUND FAULT CIRCUIT INTERRUPTER
- G GROUND
- HP HORSEPOWER
- HZ HERTZ
- KW KILOWATTS
- KVA KILOVOLT-AMPERES
- MAX MAXIMUM
- MLO MAIN LUGS ONLY
- N NEUTRAL (GROUNDED CONDUCTOR)
- NEC NATIONAL ELECTRICAL CODE
- NEMA NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
- OFCI OWNER FURNISHED, CONTRACTOR INSTALLED
- OFOI OWNER FURNISHED, OWNER INSTALLED
- PH PHASE
- SPD SURGE PROTECTION DEVICE
- TYP TYPICAL
- V VOLTS
- VA VOLT-AMPERES
- VFD VARIABLE FREQUENCY DRIVE
- W WATT
- WP WEATHERPROOF
- XFMR TRANSFORMER

ELECTRICAL DRAWING LIST

- E001 LEGEND AND ABBREVIATIONS
- E101 GLACIER STATION – FIRST FLOOR ELECTRICAL DEMOLITION PLAN
- E102 GLACIER STATION – SECOND FLOOR ELECTRICAL DEMOLITION PLAN
- E103 GLACIER STATION – ENLARGED ELECTRICAL DEMOLITION PLANS
- E104 JUNEAU STATION – FIRST FLOOR ELECTRICAL DEMOLITION PLAN
- E105 JUNEAU STATION – ENLARGED ELECTRICAL DEMOLITION PLANS
- E201 GLACIER STATION – FIRST FLOOR ELECTRICAL PLAN
- E202 GLACIER STATION – SECOND FLOOR ELECTRICAL PLAN
- E203 GLACIER STATION – ENLARGED ELECTRICAL PLANS
- E204 JUNEAU STATION – FIRST FLOOR ELECTRICAL PLAN
- E205 JUNEAU STATION – ENLARGED ELECTRICAL PLANS
- E301 GLACIER STATION – SINGLE LINE DIAGRAMS
- E302 JUNEAU STATION – SINGLE LINE DIAGRAMS
- E401 GLACIER STATION – SCHEDULES
- E402 GLACIER STATION – SCHEDULES
- E403 GLACIER STATION – SCHEDULES

CONSULTANT:



217 2nd St, Ste 208, JUNEAU, AK 99801
PH: (907) 586-5900 / FAX: (907) 586-5901



MAY 31, 2022

Juneau, AK
9103 Mendota Mall Rd, Ste. 4
Juneau, AK 99801
Phone: 907.781.0060
Fax: 907.586.3771
AEC 163270



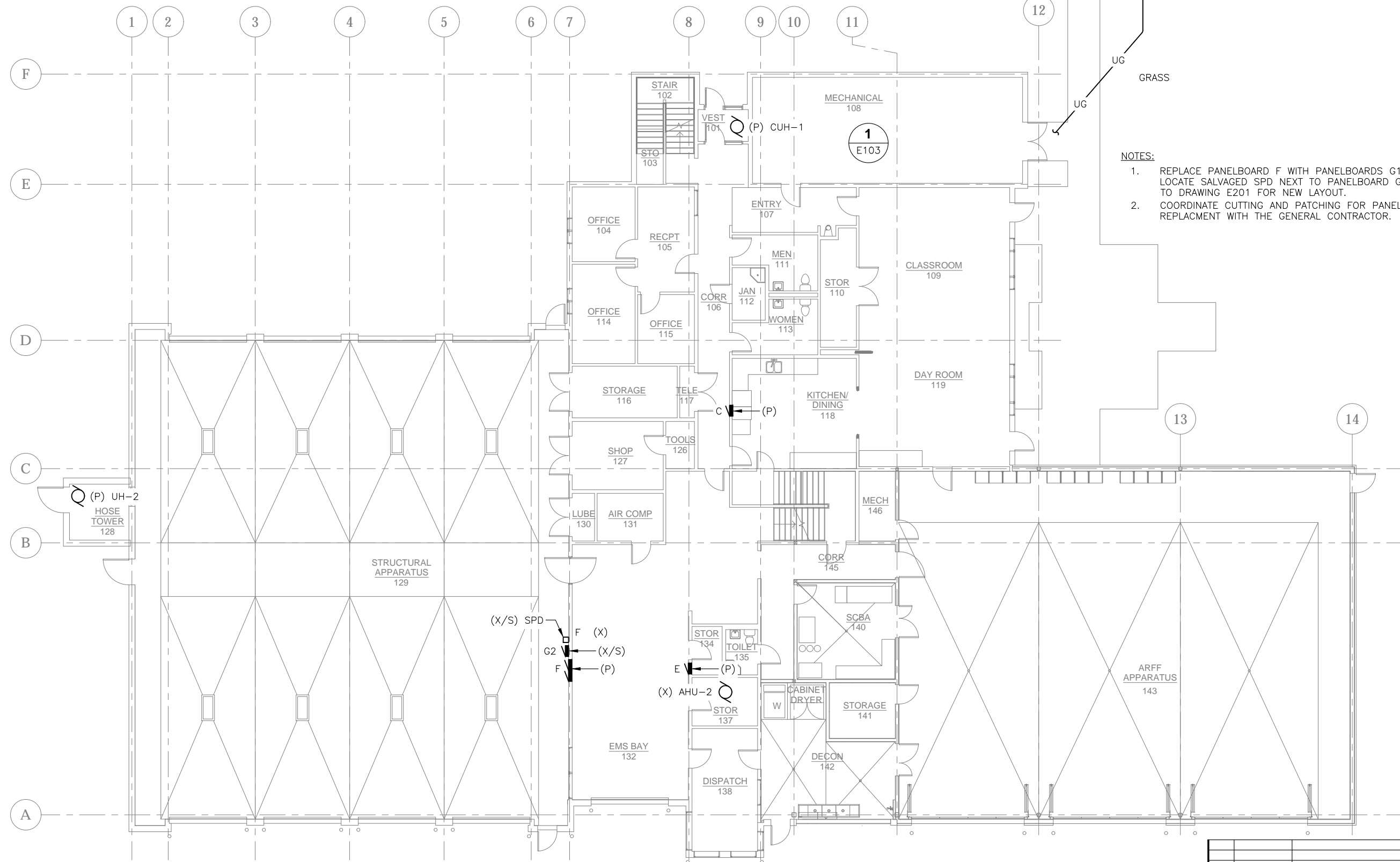
PROJECT TITLE:
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE:
**LEGEND AND ABBREVIATIONS
CONSTRUCTION DOCUMENTS**

DESIGN	<i>BAK</i>
DRAWN	<i>BAK</i>
CHECKED	<i>BAK</i>
DATE	05/31/2022
PROJECT No. 19309.02JN	
SHEET NUMBER E001	

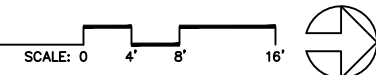
No.	Date	Item

1" = 1' SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES



- NOTES:**
1. REPLACE PANELBOARD F WITH PANELBOARDS G1 AND G2. LOCATE SALVAGED SPD NEXT TO PANELBOARD G1. REFER TO DRAWING E201 FOR NEW LAYOUT.
 2. COORDINATE CUTTING AND PATCHING FOR PANELBOARD REPLACEMENT WITH THE GENERAL CONTRACTOR.

1 FIRST FLOOR ELECTRICAL DEMOLITION PLAN



No.	Date	Item

PROJECT :

**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

DESIGN *BAK*

DRAWN *BAK*

CHECKED *BAK*

DATE 05/31/2022

SHEET TITLE :

**GLACIER STATION - FIRST FLOOR
ELECTRICAL DEMOLITION PLAN**

PROJECT No.
19309.02JN

SHEET NUMBER
E101

CONSULTANT :

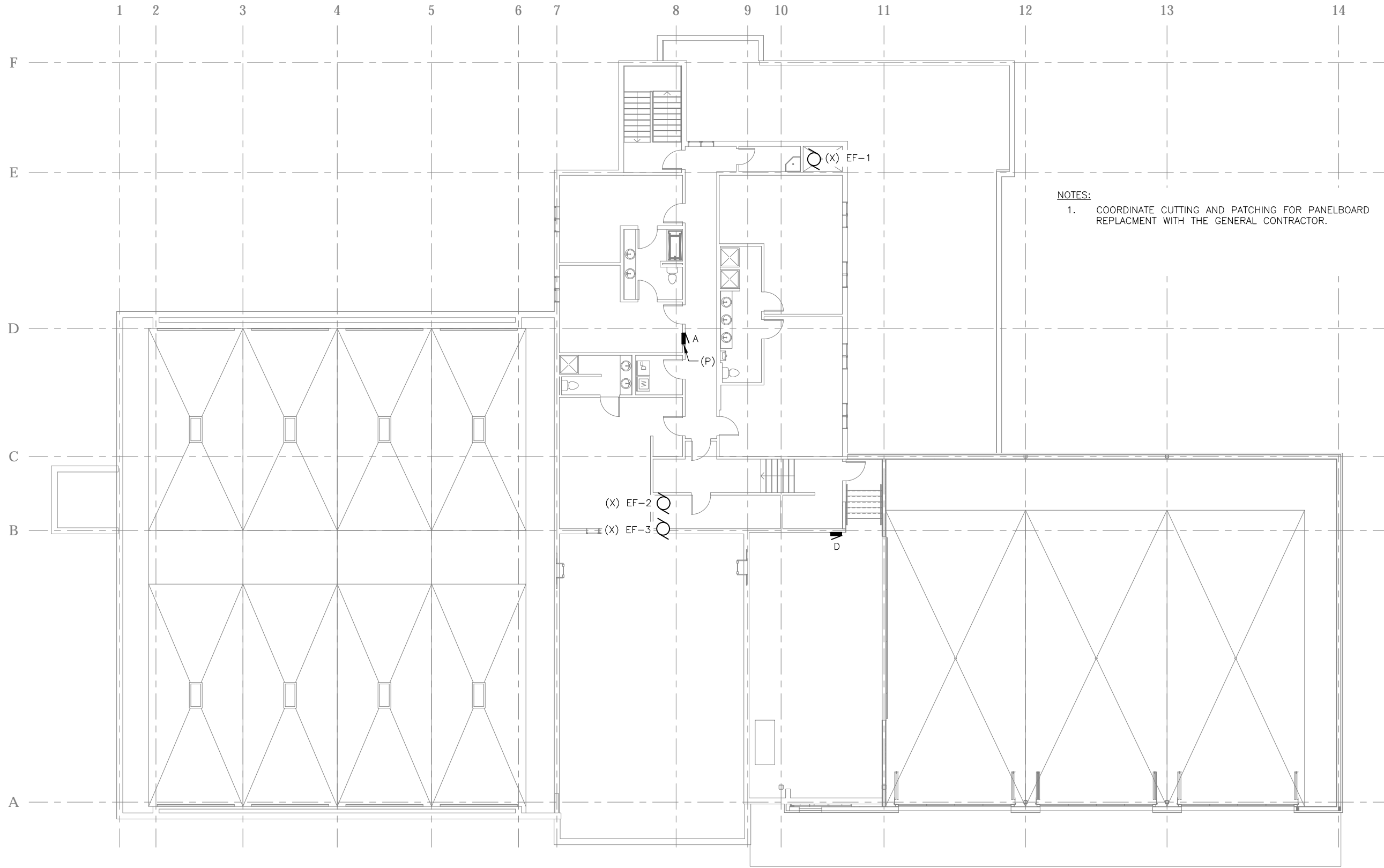
**EGENYI
ENGINEERING, LLC**

217 2nd ST, STE 208, JUNEAU, AK 99801
PH: (907) 586-5900 / FAX: (907) 586-5901

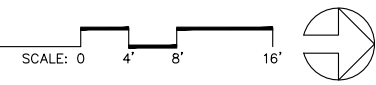
Juneau, AK
9103 Mendota Hall Rd, Ste. 4
Juneau, AK 99801
Phone: 907.586.0680
Fax: 907.586.3771
AEC 63270

CONSTRUCTION DOCUMENTS

MAY 31, 2022



1 SECOND FLOOR ELECTRICAL DEMOLITION PLAN



No.	Date	Item

DESIGN	BAK
DRAWN	BAK
CHECKED	BAK
DATE	05/31/2022
PROJECT No. 19309.02JN	
SHEET NUMBER	
E102	

CONSULTANT:

EGENYI
ENGINEERING, LLC
217 2nd St, Ste 208, JUNEAU, AK 99801
PH: (907) 586-5900 / FAX: (907) 586-5901

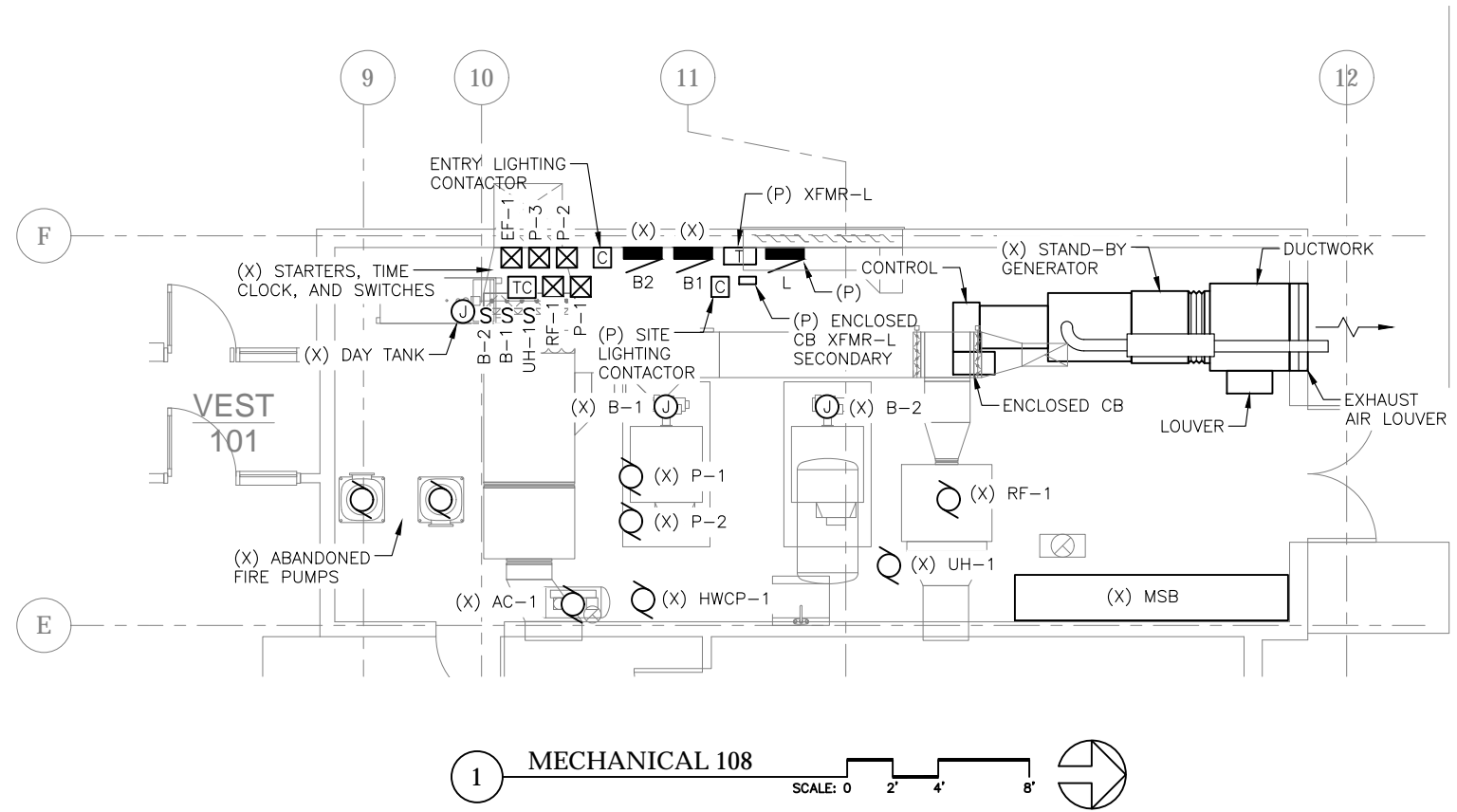
MAY 31, 2022

Juneau, AK
9103 Mendota Mall Rd, Ste. 4
Juneau, AK 99801
Phone: 907.781.6060
Fax: 907.586.3771
AEC 163270

PROJECT :
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE :
**GLACIER STATION - SECOND FLOOR
ELECTRICAL DEMOLITION PLAN**

CONSTRUCTION DOCUMENTS



- NOTES:
1. RE-TERMINATE PANELBOARDS B1 AND B2 EXISTING CIRCUITS INTO NEW PANELBOARD B.
 2. COORDINATE CUTTING AND PATCHING WITH THE GENERAL CONTRACTOR.

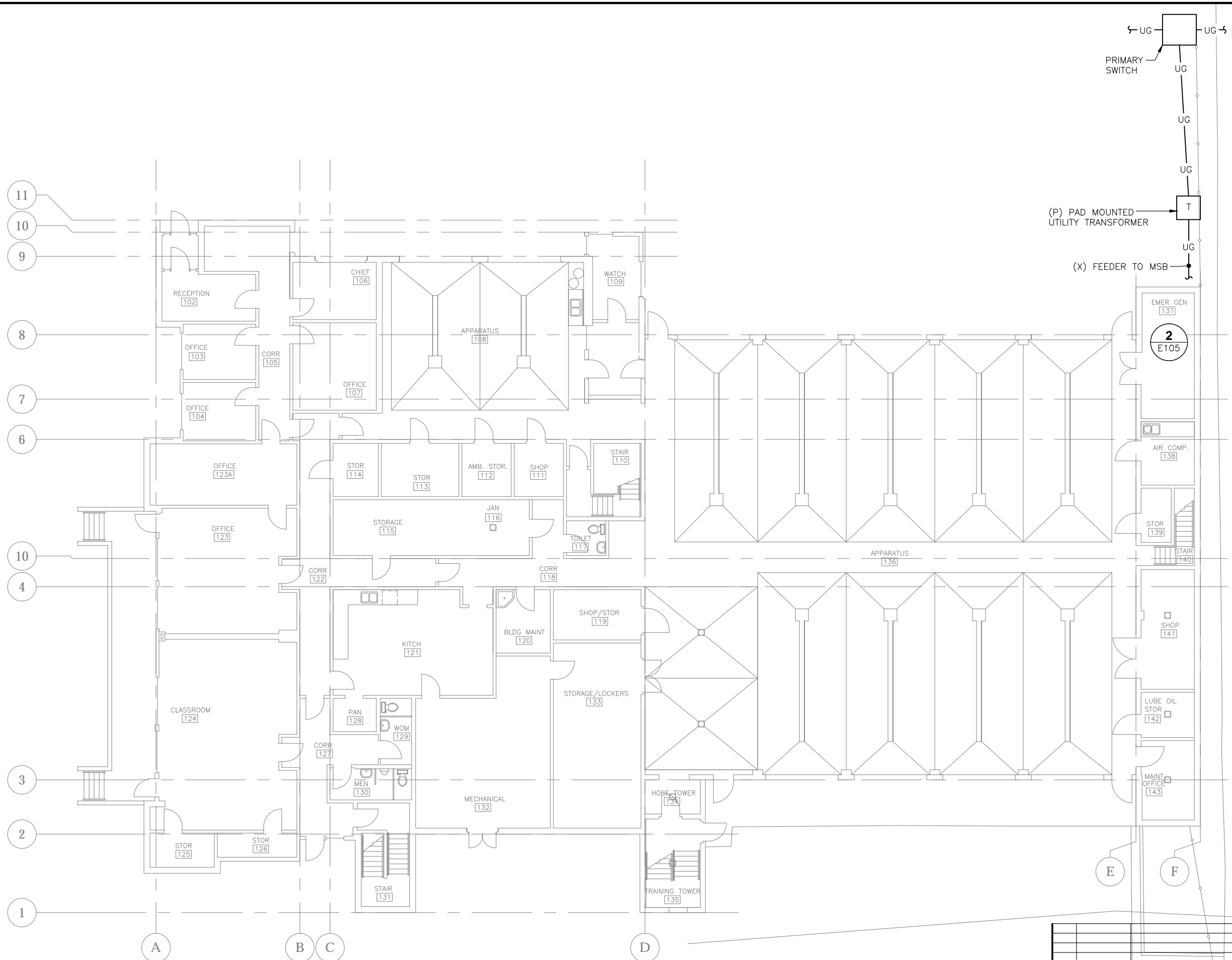


PROJECT :
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

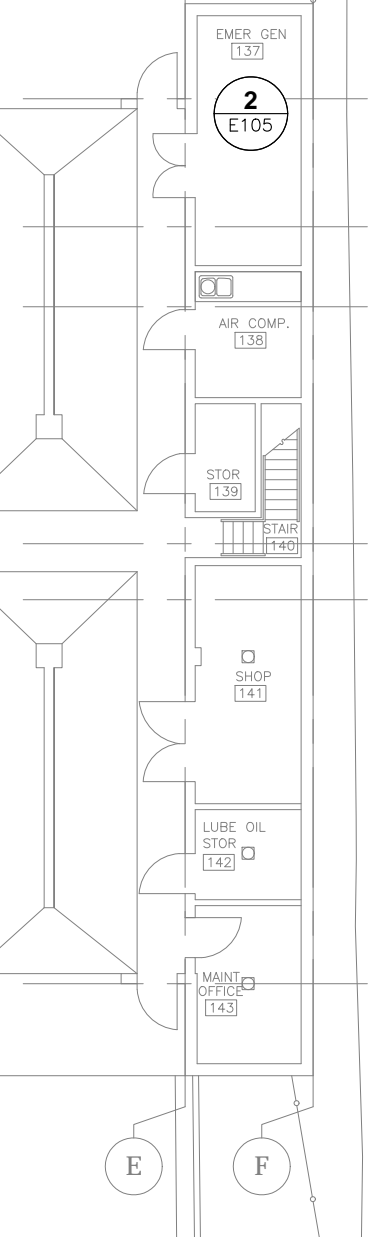
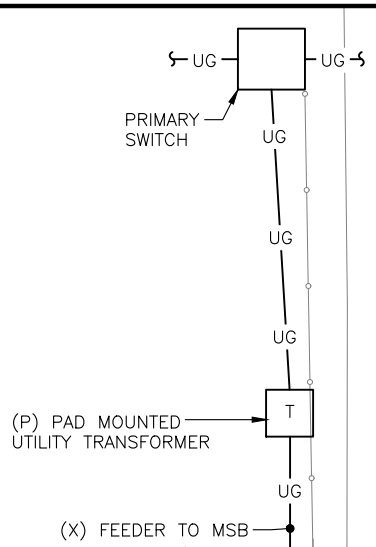
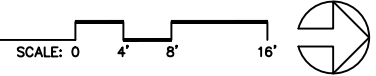
SHEET TITLE :
**GLACIER STATION - ENLARGED
 ELECTRICAL DEMOLITION PLANS**
CONSTRUCTION DOCUMENTS

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CHECKED	BAW	
DATE	05/31/2022	
PROJECT No. 19309.02JN		
SHEET NUMBER E103		
No.	Date	Item
REVISIONS		

1" = 1' SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES



1 FIRST FLOOR ELECTRICAL DEMOLITION PLAN



No.	Date	Item

CONSULTANT:
EGENYI
 ENGINEERING, LLC
 217 2nd St, Ste 208, Juneau, AK 99801
 PH: (907) 586-5900 / FAX: (907) 586-5901

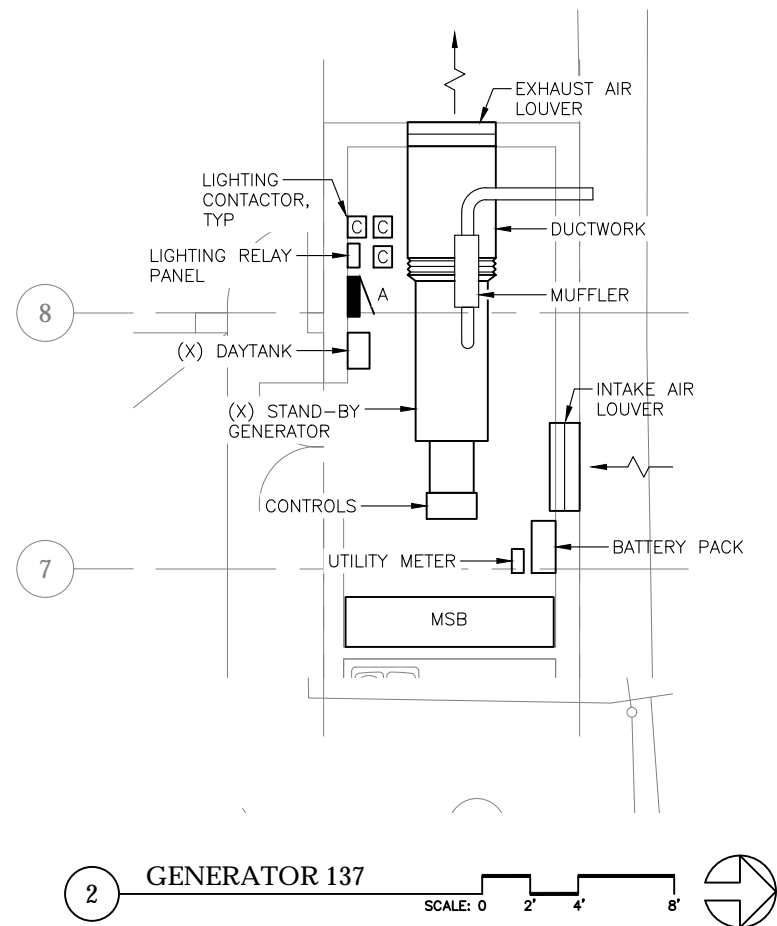
PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
**JUNEAU STATION - FIRST FLOOR
 ELECTRICAL DEMOLITION PLAN**

CONSTRUCTION DOCUMENTS

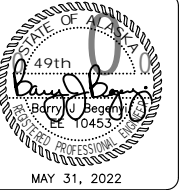
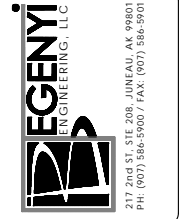
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DRAWN: EAB/KB
CHECKED: EAB
DATE: 05/31/2022

PROJECT No.: 19309.02JN
SHEET NUMBER: E104



NOTES:

- DEMOLISH GENERATOR BRANCH CIRCUITS FOR DAMPER CONTROL, BATTERY CHARGER, JACKET HEATER AND DAY TANK. CIRCUITS TERMINATE AT PANELBOARD A.



PROJECT :

**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE :

**JUNEAU STATION - ENLARGED
ELECTRICAL DEMOLITION PLANS**

CONSTRUCTION DOCUMENTS

DESIGN	BAW
DRAWN	BAW
CHECKED	BAW
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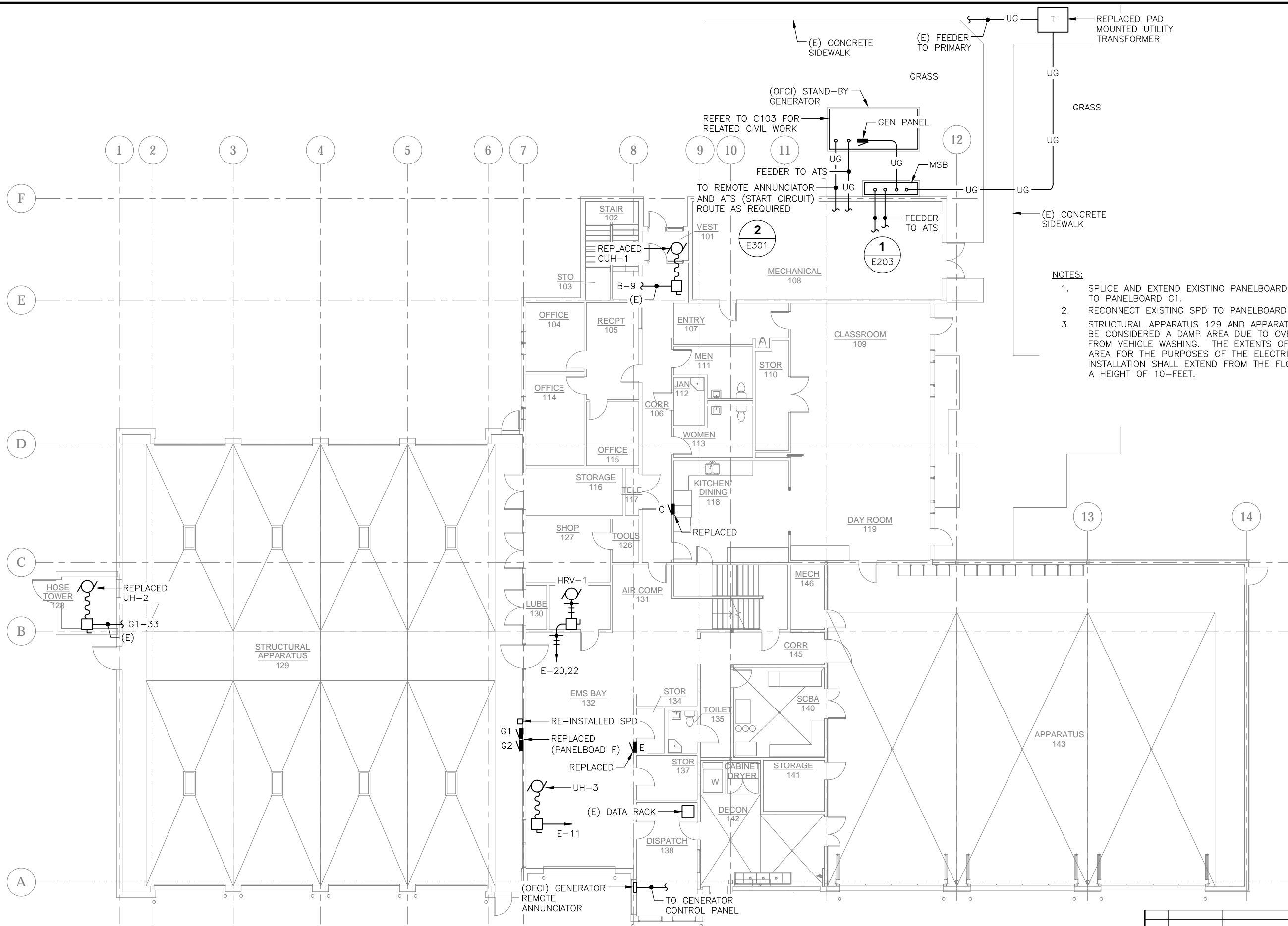
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19309.02JN

SHEET NUMBER
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No.	Date	Item

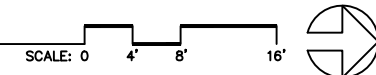
REVISIONS

1" = 1' SCALE. THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES.



- NOTES:**
1. SPLICE AND EXTEND EXISTING PANELBOARD G2 FEEDER TO PANELBOARD G1.
 2. RECONNECT EXISTING SPD TO PANELBOARD G1.
 3. STRUCTURAL APPARATUS 129 AND APPARATUS 143 SHALL BE CONSIDERED A DAMP AREA DUE TO OVER-SPRAY FROM VEHICLE WASHING. THE EXTENTS OF THE DAMP AREA FOR THE PURPOSES OF THE ELECTRICAL INSTALLATION SHALL EXTEND FROM THE FLOOR SLAB TO A HEIGHT OF 10- FEET.

1 FIRST FLOOR ELECTRICAL PLAN



No.	Date	Item

CONSULTANT:
EGENYI
 ENGINEERING, LLC
 217 2nd St, Ste 208, JUNEAU, AK 99801
 PH: (907) 586-5900 / FAX: (907) 586-5901

STATE OF ALASKA
 49th
 BEGINS
 045
 MAY 31, 2022

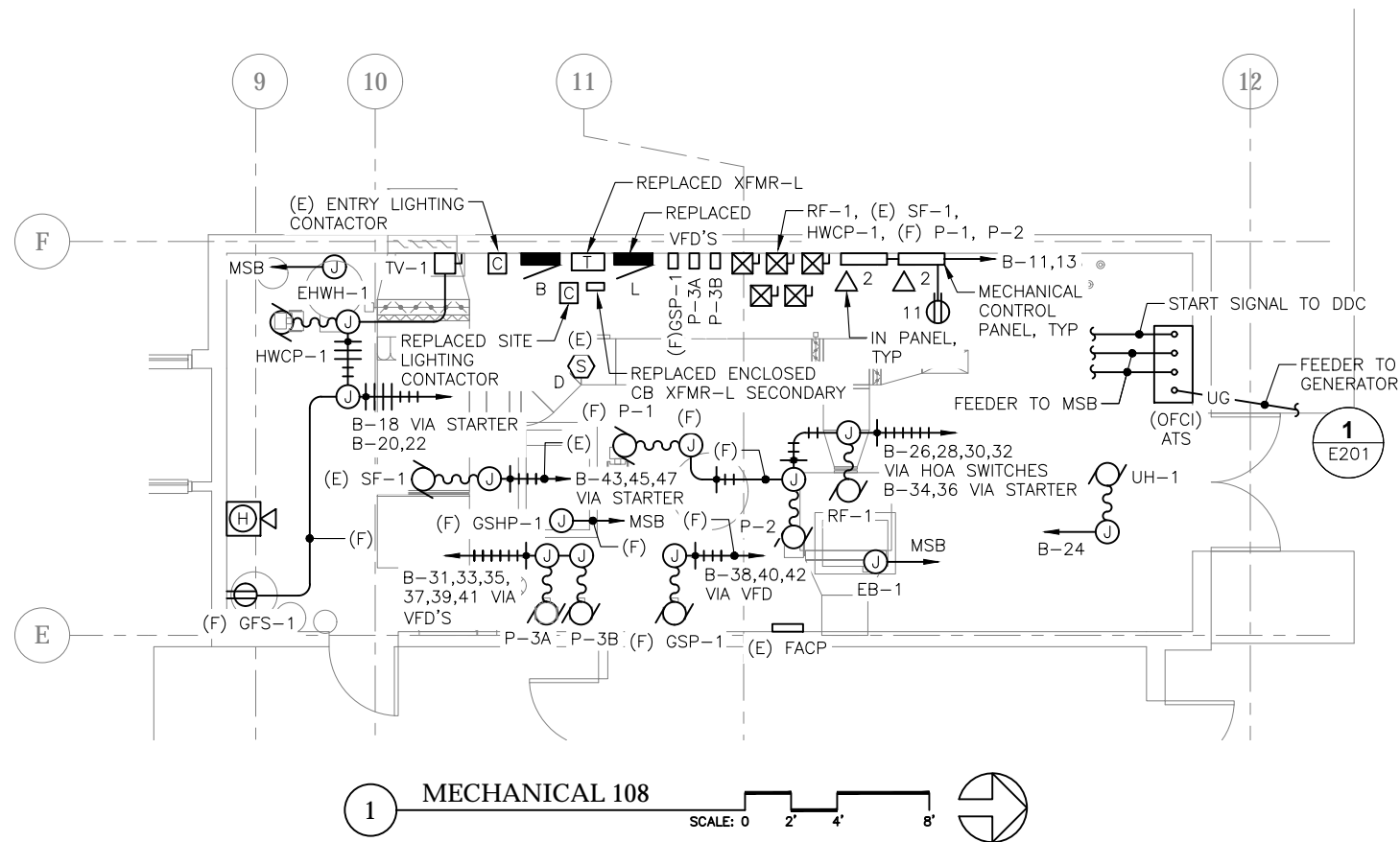
Juneau, AK
 9103 Mendocino Hall Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.781.0080
 Fax: 907.586.3771
 AECOC 63270

PROJECT:
GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA

SHEET TITLE:
GLACIER STATION - FIRST FLOOR
ELECTRICAL PLAN
CONSTRUCTION DOCUMENTS

DESIGN: *BAW*
DRAWN: *BAW*
CHECKED: *BAW*
DATE: 05/31/2022

PROJECT No.: 19309.02JN
SHEET NUMBER: **E201**



NOTES:

1. ROUTE NEW HORIZONTAL DATA CABLES TO EXISTING DATA RACK IN DISPATCH 138. REFER TO DRAWING E201 FOR LOCATION.
2. PROVIDE ADDRESSABLE CONTROL RELAY TO SHUT DOWN SF-1 AND RF-1 UPON DETECTION OF SMOKE. COORDINATE WITH THE CONTROL CONTRACTOR.
3. REWIRE EXISTING SF-1 THROUGH NEW STARTER. VERIFY EXISTING TERMINATIONS.
4. ELECTRIC BOILER EB-1 SHALL BE DEMAND LIMITED TO 90KW DURING A POWER OUTAGE. COORDINATE SIGNAL FROM THE AUTOMATIC TRANSFER SWITCH WITH THE CONTROL CONTRACTOR.

CONSULTANT:

EGENYI
ENGINEERING, LLC

217 2nd St, Ste 208, JUNEAU, AK 99801
PH: (907) 586-5900 / FAX: (907) 586-5901

MAY 31, 2022

Juneau, AK
9103 Mendota Mall Rd, Ste. 4
Juneau, AK 99801
Phone: 907.781.6060
Fax: 907.586.3771
AEC 163270

PROJECT:

**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE:

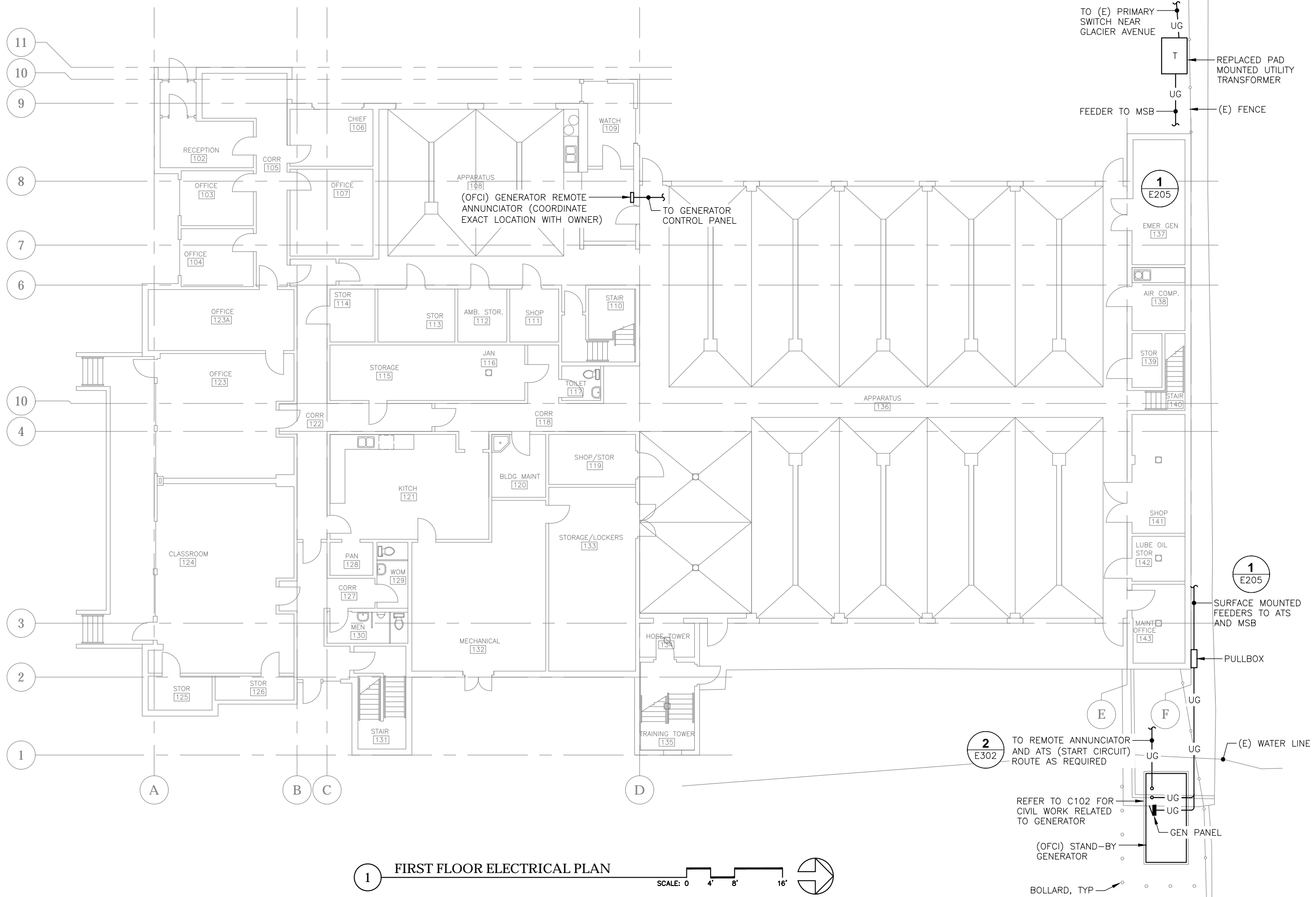
**GLACIER STATION - ENLARGED
ELECTRICAL PLANS**

CONSTRUCTION DOCUMENTS

DESIGN	BAW
DRAWN	BAW
CHECKED	BAW
DATE	05/31/2022
PROJECT No. 19309.02JN	
SHEET NUMBER E203	

No.	Date	Item

1" = 1' SCALE. THIS BAR DOES NOT MEASURE EXACTLY ONE INCH. THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES.



1 FIRST FLOOR ELECTRICAL PLAN
 SCALE: 0 4' 8' 16'

TO (E) PRIMARY SWITCH NEAR GLACIER AVENUE
 UG
 T
 UG
 REPLACED PAD MOUNTED UTILITY TRANSFORMER
 FEEDER TO MSB
 (E) FENCE

2 E302 TO REMOTE ANNUNCIATOR AND ATS (START CIRCUIT) ROUTE AS REQUIRED
 UG
 UG
 UG
 REFER TO C102 FOR CIVIL WORK RELATED TO GENERATOR
 (OFCI) STAND-BY GENERATOR
 BOLLARD, TYP
 (E) WATER LINE
 UG
 UG
 UG
 GEN PANEL

CONSULTANT:
EGENY
 ENGINEERING, LLC
 217 2nd St, Ste 208, Juneau, AK 99801
 PH: (907) 586-5900 / FAX: (907) 586-5901

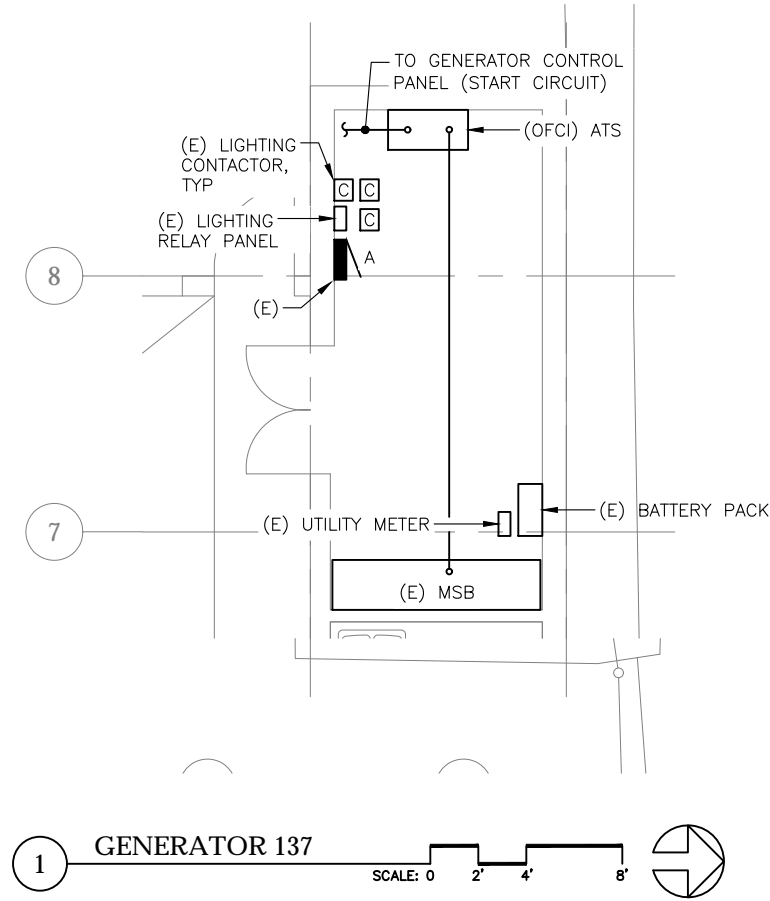
49th
 BECKETT
 PROFESSIONAL ENGINEERING
 1045 S
 MAY 31, 2022

Juneau, AK
 9109 Mendota Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.781.0080
 Fax: 907.586.3771
 AEC6163270

PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
**JUNEAU STATION - FIRST FLOOR
 ELECTRICAL PLAN**
 CONSTRUCTION DOCUMENTS

DESIGN	BAW	
DRAWN	BAW	
CHECKED	BAW	
DATE	05/31/2022	
PROJECT No. 19309.02JN		
SHEET NUMBER E204		
No.	Date	Item
REVISIONS		



No.	Date	Item
REVISIONS		

DESIGN	BAW
DRAWN	BAW
CHECKED	BAW
DATE	05/31/2022
PROJECT No. 19309.02JN	
SHEET NUMBER E205	

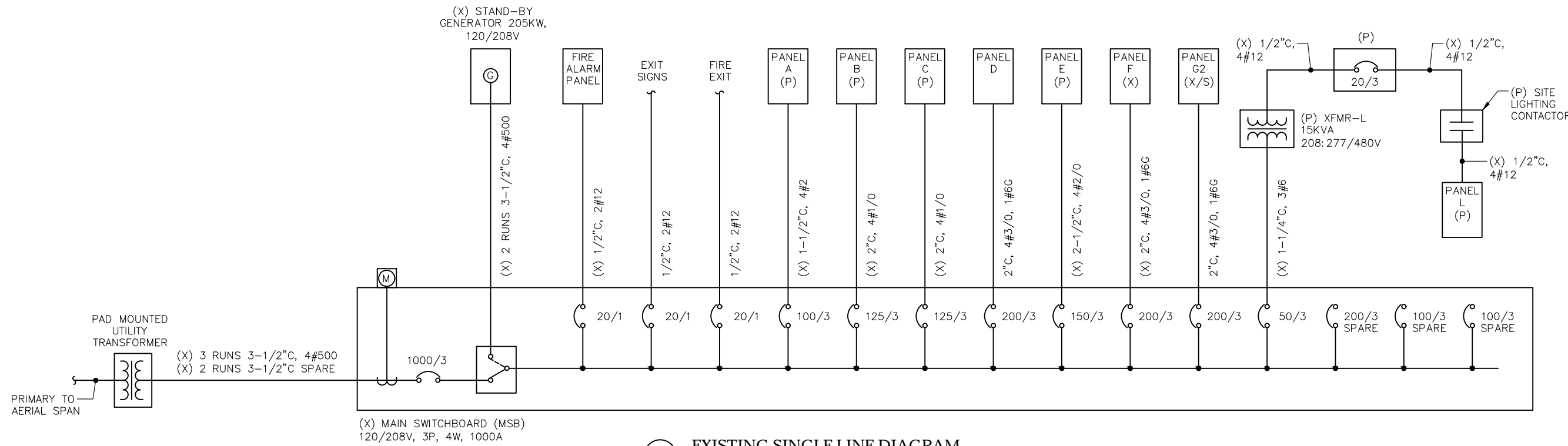
SHEET TITLE :
JUNEAU STATION - ENLARGED ELECTRICAL PLANS

CONSTRUCTION DOCUMENTS

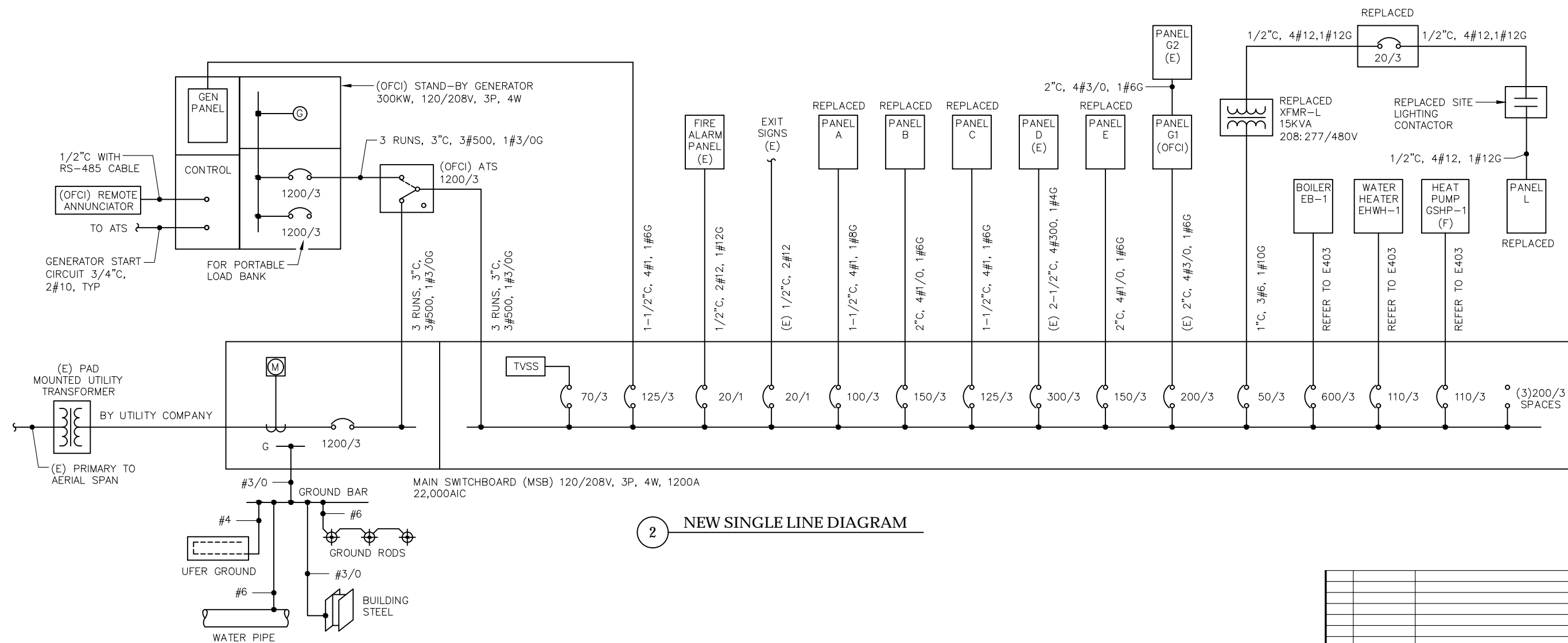
PROJECT :
GLACIER FIRE STATION M/E UPGRADES AND JUNEAU FIRE STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA

Juneau, AK
9103 Mendota Mall Rd, Ste. 4
Juneau, AK 99801
Phone: 907.586.6060
Fax: 907.586.3771
AEC 163270

CONSULTANT :
EGENYI ENGINEERING, LLC
217 2nd St, Ste 208, JUNEAU, AK 99801
PH: (907) 586-5900 / FAX: (907) 586-5901



1 EXISTING SINGLE LINE DIAGRAM



2 NEW SINGLE LINE DIAGRAM

CONSULTANT:

217 2nd St, Ste 208, JUNEAU, AK 99801
PH: (907) 586-5900 / FAX: (907) 586-5901

MAY 31, 2022

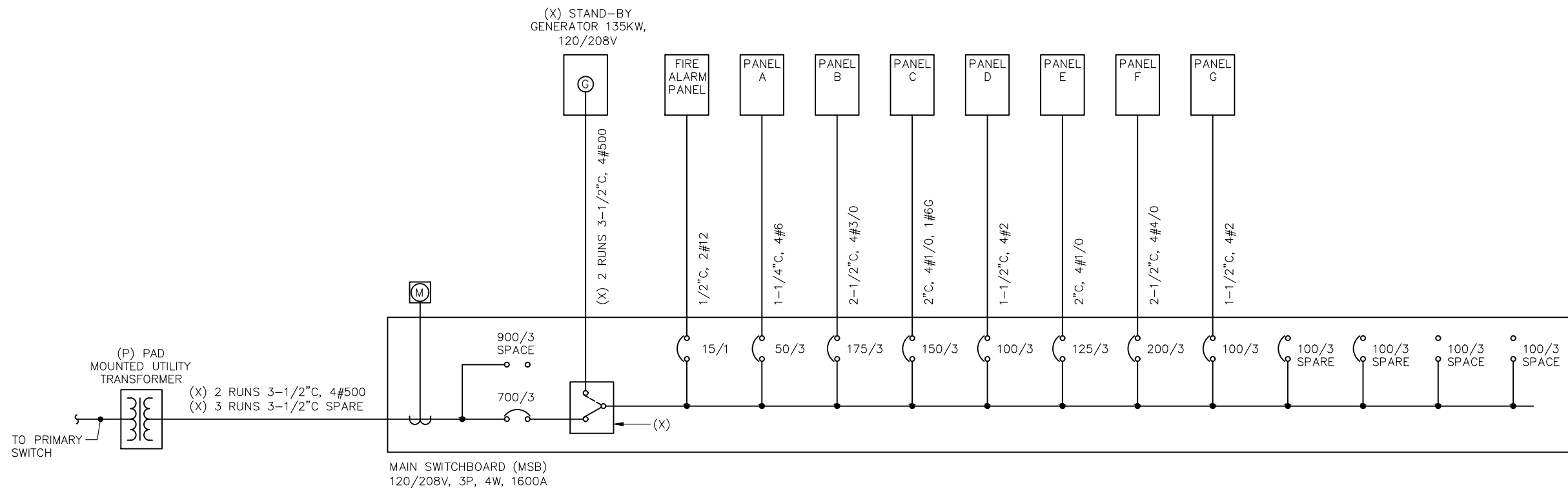
Juneau, AK
9103 Mendota Hall Rd, Ste. 4
Juneau, AK 99801
Phone: 907.781.6060
Fax: 907.586.3771
AEC 63270

PROJECT:
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

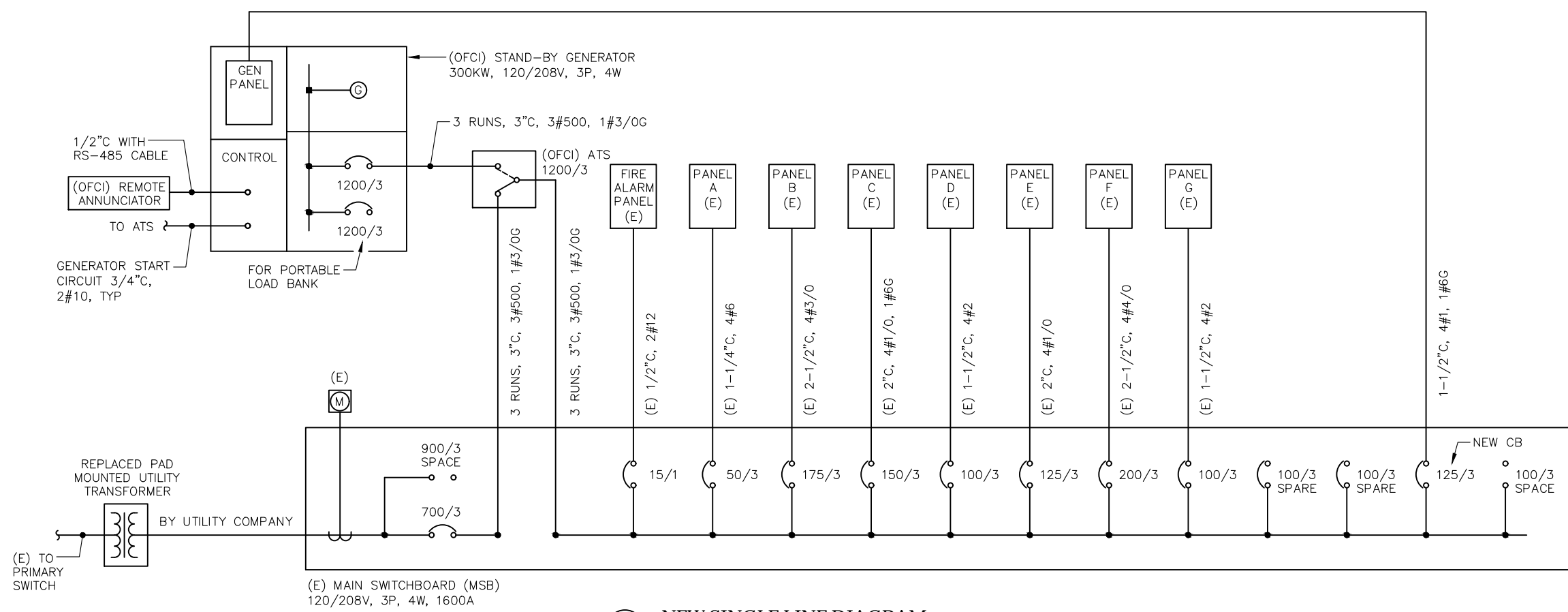
SHEET TITLE:
**GLACIER STATION - SINGLE LINE
DIAGRAMS**

CONSTRUCTION DOCUMENTS

DESIGN	EB	
DRAWN	EB/KB	
CHECKED	EB	
DATE	05/31/2022	
PROJECT No. 19309.02JN		
SHEET NUMBER		
E301		
No.	Date	Item
REVISIONS		



1 EXISTING SINGLE LINE DIAGRAM



2 NEW SINGLE LINE DIAGRAM



PROJECT :
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE :
**JUNEAU STATION - SINGLE LINE
DIAGRAMS**

CONSTRUCTION DOCUMENTS

DESIGN	BAW	
DRAWN	BAW	
CHECKED	BAW	
DATE	05/31/2022	
PROJECT No. 19309.02JN		
SHEET NUMBER E302		
No.	Date	Item
REVISIONS		

IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION. AFFECTING ALL LABELED SCALES.

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PANEL A											
POLE NO.	LOAD SERVED	LOAD		CB	PH	CB		LOAD		LOAD SERVED	POLE NO.
		TYPE	KVA			TYPE	KVA	TYPE	KVA		
1	REC ROOM 202,204 (3)	R		20/1	A	20/1	L			LIGHTING ROOM 209 (3)	2
3	LIGHTING ROOM 205,208 (4)	L		20/1	B	20/1	L			LIGHTING ROOM 206 (3)	4
5	LIGHTING ROOM 207,210 (4)	L		20/1	C	20/1	R			REC ROOM 201,203 (3)	6
7	LIGHTING HALL 102 (3)	L		20/2	A	20/2	R			REC ROOM 203 (3)	8
9	LIGHTING ROOM 212 (3)	L		--	B	--	R			REC ROOM 211,212,214 (3)	10
11	REC ROOM 203 N (3)	R		20/1	C	20/1	R			REC ROOM 210 (3)	12
13	LIGHTING ROOM 203 S (3)	L		20/1	A	20/1	R			REC ROOM 208 (3)	14
15	REC ROOM 209,210 (3)	R		20/1	B	20/1	R			REC ROOM 207 (3)	16
17	REC ROOM 209 (3)	R		20/1	C	20/1	R			REC ROOM 208 (3)	18
19	REC ROOM 206 (3)	R		20/1	A	20/1	R			REC ROOM 205 (3)	20
21	LIGHTING ROOM 202,204 (3)	L		50/1	B	20/1	R			REC ROOM 204 (3)	22
23	EF-2 ROOM 212	M		20/1	C	20/1	N			ALARM HORN ROOM 212	24
25	SPARE			20/1	A	30/2	C			DRYER	26
27	SPARE			20/1	B	--	C			----	28
29	TV REC, HALL 102 (4)	R		20/1	C	20/1				SPARE	30
31	T-STAT	C		20/1	A	20/1				SPARE	32
33	SPARE			20/1	B	20/1				SPARE	34
35	SPARE			20/1	C	20/1				SPARE	36
37	SPARE			20/1	A	20/1				SPARE	38
39	SPARE			20/1	B	20/1				SPARE	40
41	SPARE			20/1	C	20/1				SPARE	42

VOLTAGE:	120/208V, 3P, 4W	LOAD SUMMARY	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND KVA	NOTES:
AIC RATING:	10,000A	(L) LIGHTING	.	100% OF LOAD	.	1. ALL CIRCUITS ARE EXISTING 2. PROVIDE GFI CB 3. PROVIDE ARC-FAULT CB 4. PROVIDE COMBINATION GFI ARC-FAULT CB 5. PROVIDE INTEGRAL SPD
MOUNTING:	FLUSH	(R) RECEPTACLE	.	NEC 220-44	.	
MAIN:	LUGS ONLY	(M) MOTOR	.	NEC 430-24	.	
BUS:	100A	(C) CONTINUOUS	.	125% OF LOAD	.	
		(N) NON-CONTINUOUS	.	100% OF LOAD	.	
		(K) KITCHEN	.	NEC 220-56	.	
		TOTAL	.	.	.	

PANEL C											
POLE NO.	LOAD SERVED	LOAD		CB	PH	CB		LOAD		LOAD SERVED	POLE NO.
		TYPE	KVA			TYPE	KVA	TYPE	KVA		
1	LIGHTING 103,105,115	L		20/1	A	20/1	L			LTG 101,106,107,132, LV XFMR	2
3	LIGHTING 104,114	L		20/1	B	20/1	L			LTG 109 CLASSROOM	4
5	LIGHTING 110,111,112,113	L		20/1	C	20/1	L			LTG 119 DAYROOM	6
7	LTG 118 KITCHEN DROP CEILING	L		20/1	A	20/1	K			KITCHEN PANTRY REFRIGERATOR	8
9	LIGHTING 125 PANTRY	L		20/1	B	20/1	R			REC 104	10
11	LTG 118 KITCHEN UNDERCABINET	L		20/1	C	20/1	R			REC 114	12
13	REC S PATIO (2)	R		20/1	A	20/1	R			REC 105	14
15	REC 118 EAST COUNTER (2)	R		20/1	B	20/1	R			REC 115	16
17	KITCHEN TV, HDMI RECEIVER	R		20/1	C	20/1	R			REC 106,107,111,112,113	18
19	DISPOSAL	K		20/1	A	20/1	R			REC 109,110	20
21	REC 118 NORTHWEST (2)	R		20/1	B	20/1	R			REC 119	22
23	REC 118 NORTHEAST (2)	R		20/1	C	20/1	R			REC 118 REFRIGERATOR	24
25	REC 118 EAST (2)	R		20/1	A	20/1	R			REC 118 REFRIGERATOR	26
27	REC 118 WEST CENTER, 125 (2)	R		20/1	B	20/1	R			REC 117 TELEPHONE	28
29	REC 118 WEST (2)	R		20/1	C	30/1	R			REC UPS	30
31	REC 118 WEST COUNTER (2)	R		20/1	A	20/1				SPARE	32
33	DISHWASHER	K		50/2	B	20/1	C			SHUNT TRIP POWER	34
35	----	K		--	C	15/1	K			KIT GAS SOL THRU FA RELAY	36
37	SPARE			20/1	A	20/2	K			LEFT RANGE (3)	38
39	RIGHT RANGE (3)	K		50/2	B	--	K			----	40
41	----	K		--	C	20/1				SPARE	42
43	SPARE			20/1	A	20/1				SPARE	44
45	SPARE			20/1	B	20/1				SPARE	46
47	SPARE			20/1	C	20/1				SPARE	48
49	SPARE			20/1	A	20/1				SPARE	50
51	SPARE			20/1	B	20/1				SPARE	52
53	SPARE			20/1	C	20/1				SPARE	54

VOLTAGE:	120/208V, 3P, 4W	LOAD SUMMARY	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND KVA	NOTES:
AIC RATING:	10,000A	(L) LIGHTING	.	100% OF LOAD	.	1. ALL CIRCUIT ARE EXISTING 2. GFI CB 3. SHUNT TRIP CB 4. PROVIDE INTEGRAL SPD
MOUNTING:	FLUSH	(R) RECEPTACLE	.	NEC 220-44	.	
MAIN:	LUGS ONLY	(M) MOTOR	.	NEC 430-24	.	
BUS:	225A	(C) CONTINUOUS	.	125% OF LOAD	.	
		(N) NON-CONTINUOUS	.	100% OF LOAD	.	
		(K) KITCHEN	.	NEC 220-56	.	
		TOTAL	.	.	.	

PANEL B											
POLE NO.	LOAD SERVED	LOAD		CB	PH	CB		LOAD		LOAD SERVED	POLE NO.
		TYPE	KVA			TYPE	KVA	TYPE	KVA		
1	LIGHTING 108 (1)	L	1.9	20/1	A	20/1	L	1.9		LIGHTING E ENTRANCE, PATIO (1)	2
3	SPARE			20/1	B	20/1				SPARE	4
5	SPARE			20/1	C	20/1				SPARE	6
7	SPARE			20/1	A	20/1				SPARE	8
9	CUH 101 (1)	C	1.9	20/1	B	20/1	R	1.9		REC GFI ENTRY 108N (1)(2)	10
11	MECHANICAL CONTROL PANEL	C	0.5	20/1	C	20/1	R	1.9		REC GFI 108S, EXTERIOR (1)(2)	12
13	MECHANICAL CONTROL PANEL	C	0.5	20/1	A	20/1				SPARE	14
15	SPARE			20/1	B	20/1				SPARE	16
17	CYPHER LOCK (1)	C	1.9	20/1	C	20/1	M	0.1		HWCP-1	18
19	SV-1 (1)	C	1.9	20/1	A	20/1	C	0.1		TV-1	20
21	JOHNSON CONTROL PANEL (1)	C	0.5	20/1	B	20/1	C	1.2		FUTURE GFS-1	22
23	BYPASS KEYPAD BACK DOOR (1)	C	1.9	20/1	C	20/1	C	0.1		UH-1	24
25	SPARE			20/1	A	15/2	M	0.4		FUTURE P-1	26
27	SPARE			20/1	B	--	M	0.4		----	28
29	FIRE ALARM CONTROL PANEL	C	0.5	20/1	C	15/2	M	0.4		P-2	30
31	P-3A	M	0.9	15/3	A	--	M	0.4		----	32
33	----	M	0.9	--	B	25/2	M	1.1		RF-1	34
35	----	M	0.9	--	C	--	M	1.1		----	36
37	P-3B	M	0.9	15/3	A	35/3	M	2.1		FUTURE GSP-1	38
39	----	M	0.9	--	B	--	M	2.1		----	40
41	----	M	0.9	--	C	--	M	2.1		----	42
43	SF-1 (1)	M	1.4	20/3	A	20/1				SPARE	44
45	----	M	1.4	--	B	20/1				SPARE	46
47	----	M	1.4	--	C	20/1				SPARE	48
49	EF-1	M	0.7	15/1	A	20/1				SPARE	50
51	SPARE			20/1	B	20/1				SPARE	52
53	SPARE			20/1	C	20/1				SPARE	54

VOLTAGE:	120/208V, 3P, 4W	LOAD SUMMARY	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND KVA	NOTES:
AIC RATING:	10,000A	(L) LIGHTING	3.8	100% OF LOAD	3.8	1. EXISTING CIRCUIT 2. GFI CB 3. PROVIDE INTEGRAL SPD
MOUNTING:	SURFACE	(R) RECEPTACLE	4.0	NEC 220-44	4.0	
MAIN:	LUGS ONLY	(M) MOTOR	20.5	NEC 430-24	22.1	
BUS:	150A	(C) CONTINUOUS	11.0	125% OF LOAD	13.8	
		(N) NON-CONTINUOUS	.	100% OF LOAD	.	
		(K) KITCHEN	.	NEC 220-56	.	
		TOTAL	.	.	44.0	

PANEL L											
POLE NO.	LOAD SERVED	LOAD		CB	PH	CB		LOAD		LOAD SERVED	POLE NO.
		TYPE	KVA			TYPE	KVA	TYPE	KVA		
1	SITE LIGHTING	L		20/1	A	20/1				SPARE	2
3	SITE LIGHTING	L		20/1	B	20/1				SPARE	4
5	SITE LIGHTING	L		20/1	C	20/1	L			FLOOD LIGHTING 139W	6
7	SPARE			20/1	A	20/1				SPARE	8
9	SPARE			20/1	B					SPACE	10
11	SPACE				C					SPACE	12

VOLTAGE:	277/480V, 3P, 4W	LOAD SUMMARY	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND KVA	NOTES:
AIC RATING:	10,000A	(L) LIGHTING	.	100% OF LOAD	.	1. ALL CIRCUITS ARE EXISTING 2. PROVIDE INTEGRAL SPD
MOUNTING:	SURFACE	(R) RECEPTACLE	.	NEC 220-44	.	
MAIN:	LUGS ONLY	(M) MOTOR	.	NEC 430-24	.	
BUS:	125A	(C) CONTINUOUS	.	125% OF LOAD	.	
		(N) NON-CONTINUOUS	.	100% OF LOAD	.	
		(K) KITCHEN	.	NEC 220-56	.	
		TOTAL	.	.	.	



Juneau, AK
 9109 Mendota Hill Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.780.6060
 Fax: 907.586.3771
 AEC0163270

PROJECT :
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE :
GLACIER STATION - SCHEDULES

CONSTRUCTION DOCUMENTS

DESIGN	BAW	
DRAWN	BUB/KB	
CHECKED	BAW	
DATE	05/31/2022	
PROJECT No. 19309.02JN		
SHEET NUMBER		
E401		
No.	Date	Item
REVISIONS		

1" IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES

V:\Emerald\shop\label\Projects\109 RESPEC23, Glacier and Juneau Fire Station Upgrades\Drawings\E402 - SCHEDULES, May 30, 2022 11:03 AM

PANEL G1 (OFCI)											
POLE NO.	LOAD SERVED	LOAD		CB	PH	CB		LOAD		LOAD SERVED	POLE NO.
		TYPE	KVA			TYPE	KVA	TYPE	KVA		
1	LTG 129			20/1	A	20/1				LTG 116,126,127,130,131	2
3	LTG 129 BAY 1			20/1	B	20/1				LTG 129 BAY 1	4
5	LTG 129 BAY 1			20/1	C	20/1				LTG 129 BAY 3	6
7	SPARE			20/1	A	20/1				LTG 129 BAY 2, LV TRANSFORMER	8
9	LTG 129 BAY 4			20/1	B	20/1				LTG 129 BAY 2	10
11	LTG 129 BAY 4			20/1	C	20/1				LTG 128 HOSE TOWER	12
13	REC 129 SW AND EXTERIOR W (1)			20/1	A	20/1				REC 129 NW AND EXTERIOR NW (1)	14
15	CABLE REEL BAY 1 E (1)			20/1	B	20/1				REC 127 W	16
17	CABLE REEL BAY 2 E (1)			20/1	C	20/1				REC 127 W	18
19	CABLE REEL BAY 3 E (1)			20/1	A	20/1				REC 127 E	20
21	CABLE REEL BAY 4 E (1)			20/1	B	20/1				REC 127 E	22
23	SPARE			20/1	C	20/1				SPARE	24
25	CABLE REEL BAY 1 W (1)			20/1	A	20/1				SPARE	26
27	CABLE REEL BAY 2 W (1)			20/1	B	20/1				REC 129 S (1)	28
29	CABLE REEL BAY 3 W (1)			20/1	C	20/1				REC EXTERIOR E (1)	30
31	CABLE REEL BAY 4 W (1)			20/1	A	20/1				REC 129 NE AND EXTERIOR NE (1)	32
33	UH, EF-10 128 HOSE TOWER			20/1	B	20/1				SPARE	34
35	SPARE			20/1	C	20/1				SPARE	36
37	SPARE			20/1	A	20/1				SPARE	38
39	SPARE			20/1	B	20/1				SPARE	40
41	SPARE			20/1	C	20/1				SPARE	42

VOLTAGE: 120/208V, 3P, 4W	LOAD SUMMARY	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND KVA	NOTES: 1. GFI CB 2. FEED THRU LUGS 3. NEMA 4X ENCLOSURE 4. ALL CIRCUITS ARE EXISTING
AIC RATING: 10,000	(L) LIGHTING	.	100% OF LOAD	.	
MOUNTING: SURFACE	(R) RECEPTACLE	.	NEC 220-44	.	
MAIN: LUGS ONLY	(M) MOTOR	.	NEC 430-24	.	
BUS: 200A	(C) CONTINUOUS	.	125% OF LOAD	.	
	(N) NON-CONTINUOUS	.	100% OF LOAD	.	
	(K) KITCHEN	.	NEC 220-56	.	
	TOTAL	.		.	

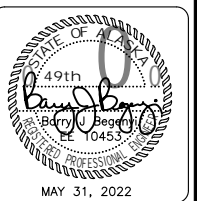
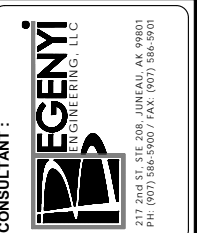
PANEL G2 (EXISTING)											
POLE NO.	LOAD SERVED	LOAD		CB	PH	CB		LOAD		LOAD SERVED	POLE NO.
		TYPE	KVA			TYPE	KVA	TYPE	KVA		
1	DOOR 13			25/1	A	25/1				DOOR 6	2
3	AHU (1)	M	1.7	20/1	B	20/1				SPARE	4
5	AHU (1)	M	1.7	20/1	C	20/1				SPARE	6
7	AHU (1)	M	1.7	20/1	A	20/1				SPARE	8
9	DOOR 12			25/1	B	25/1				DOOR 7	10
11	AFU CONTROL PANEL (1)	C	0.1	20/1	C	20/1				SPARE	12
13	GAS DETECTION CONTROL PANEL (1)	C	0.1	20/1	A	20/1				SPARE	14
15	AFU CONTROL PANEL (1)	C	0.1	20/1	B	20/1				SPARE	16
17	DOOR 11			25/1	C	25/1				DOOR 8	18
19	DOOR 10			25/1	A	25/1				DOOR 9	20
21	AFU (1)	M	1.7	20/1	B	25/1				SPARE	22
23	AFU (1)	M	1.7	20/1	C	20/1				TV RECEPTACLE	24
25	AFU (1)	M	1.7	20/1	A	15/3				AHU-4	26
27	AFU (1)	M	1.7	20/1	B	---				----	28
29	A-EF-4A (1)	M	1.5	25/2	C	---				----	30
31	----	M	1.5	---	A	20/1				SPARE	32
33	A-EF-4B (1)	M	0.6	20/2	B	20/1				SPARE	34
35	----	M	0.6	---	C	20/1				SPARE	36
37	A-EF-5 (1)	M	0.7	20/1	A	20/1				SPARE	38
39	AFU (1)	M	1.7	20/1	B	20/1				SPARE	40
41	GAS DETECTION CONTROL PANEL (1)	C	0.1	20/1	C	20/1				SPARE	42

VOLTAGE: 120/208V, 3P, 4W	LOAD SUMMARY	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND KVA	NOTES: 1. CIRCUIT CURRENTLY CONNECTED TO PANELBOARD G2 2. NEMA 4X ENCLOSURE 3. ALL CIRCUITS ARE EXISTING
AIC RATING: 10,000	(L) LIGHTING	.	100% OF LOAD	.	
MOUNTING: SURFACE	(R) RECEPTACLE	.	NEC 220-44	.	
MAIN: LUGS ONLY	(M) MOTOR	.	NEC 430-24	.	
BUS: 200A	(C) CONTINUOUS	.	125% OF LOAD	.	
	(N) NON-CONTINUOUS	.	100% OF LOAD	.	
	(K) KITCHEN	.	NEC 220-56	.	
	TOTAL	.		.	

PANEL E											
POLE NO.	LOAD SERVED	LOAD		CB	PH	CB		LOAD		LOAD SERVED	POLE NO.
		TYPE	KVA			TYPE	KVA	TYPE	KVA		
1	LIGHTING 133,134,135,137 (1)	L		20/1	A	20/1	L			LIGHTING 136, LV XFMR (1)	2
3	CABLE REEL 136 AMBULANCE BAY (1)(2)	M		20/1	B	20/1	R			REC 134 (1)	4
5	REC 133 (1)	R		20/1	C	20/1	R			REC 136 (1)	6
7	REC 133 (1)	R		20/1	A	20/1	R			REC 135 ARF BAY RR (1)(2)	8
9	REC ALARM ROOM (1)	R		20/1	B	20/1	R			REC 138 E ALARM RM DICTAPHONE (1)	10
11	SPARE			50/1	C	20/1	R			REC 138 S AND W, ALARM RM CB (1)	12
13	SPARE			35/3	A	20/1	M			EF-3 212 (1)	14
15	----			---	B	20/1	R			REC 131 (1)	16
17	----			---	C	20/1	R			REC 131 (1)	18
19	SPARE			20/1	A	25/2	M			HRV-1	20
21	AHU-2 135 (1)	M		15/3	B	---	M			----	22
23	----	M		---	C	20/1	N			HDTV AMBULANCE BAY (1)	24
25	----	M		---	A	20/1				SPARE	26
27	OH DOOR 136 (1)	M		15/3	B	15/3	R			120V OUTLET DOOR 5 (1)	28
29	----	M		---	C	---	R			120V OUTLET DOOR 5 (1)	30
31	----	M		---	A	---				SPARE	32
33	SPARE			20/1	B	30/3	M			FENCE GATE OPERATOR (1)	34
35	SPARE			20/1	C	---	M			----	36
37	AIR COMPRESSOR 131 (1)	M		90/3	A	---	M			----	38
39	----	M		---	B	20/1				SPARE	40
41	----	M		---	C	20/1				SPARE	42

VOLTAGE: 120/208V, 3P, 4W	LOAD SUMMARY	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND KVA	NOTES: 1. EXISTING CIRCUIT 2. GFI CB 3. PROVIDE INTEGRAL SPD
AIC RATING: 10,000A	(L) LIGHTING	.	100% OF LOAD	.	
MOUNTING: FLUSH	(R) RECEPTACLE	.	NEC 220-44	.	
MAIN: LUGS ONLY	(M) MOTOR	.	NEC 430-24	.	
BUS: 225A	(C) CONTINUOUS	.	125% OF LOAD	.	
	(N) NON-CONTINUOUS	.	100% OF LOAD	.	
	(K) KITCHEN	.	NEC 220-56	.	
	TOTAL	.		.	

DESIGN	BAW	
DRAWN	BAW	
CHECKED	BAW	
DATE	05/31/2022	
PROJECT No.	19309.02JN	
SHEET NUMBER	E402	
No.	Date	Item
REVISIONS		

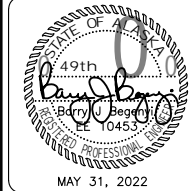
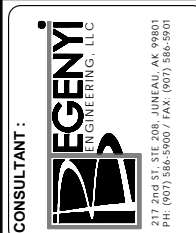


PROJECT :
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE :
GLACIER STATION - SCHEDULES

CONSTRUCTION DOCUMENTS

MECHANICAL EQUIPMENT SCHEDULE (VERIFY)													
TAG	DESCRIPTION	HP	KW	AMPS	VOLTS	PHASE	TOTAL KVA	WIRING	DISCONNECT	FUSE	CONTROL	STARTER SIZE	REMARKS
CUH-1	CABINET UNIT HEATER	1/30			120	1	0.1	1/2"C, 2#12, 1#12G	30/2				
EB-1	ELECTRIC BOILER		150		208	3	150	2 RUNS, 2-1/2"C, 3#300, 1#1G					
EHWH-1	ELECTRIC HOT WATER HEATER		30		208	3	30	1-1/2"C, 3#2, 1#6G					
EF-1	EXHAUST FAN	1/6			120	1	0.6	1/2"C, 2#12, 1#12G	30/2		HOA	0	
(F) GFS-1	FUTURE GLYCOL FEED SYSTEM	1/2			120	1	1.2	1/2"C, 2#12, 1#12G					
(F) GSP-1	FUTURE GROUND SOURCE HEAT PUMP	5			208	3	6.3	3/4"C, 3#8, 1#10G					VFD WITH INTEGRAL DISCONNECT BY MECHANICAL
(F) GSHP-1	FUTURE GROUND SOURCE HEAT PUMP			80	208	3	28.8	1-1/2"C, 3#3, 1#6G					INTEGRAL FACTORY CIRCUIT BREAKER
HRV-1	HEAT RECOVERY VENTILATOR			13	208	1	2.7	1/2"C, 2#10, 1#10G	30/2				
HWCP-1	HOT WATER CIRC PUMP		0.1		120	1	0.1	1/2"C, 2#12, 1#12G			HOA	0	
(F) P-1	FUTURE PUMP		1.4		208	1	1.4	1/2"C, 2#12, 1#12G			HOA	0	
P-2	PUMP		0.8		208	1	0.8	1/2"C, 2#12, 1#12G			HOA	0	
P-3A	PUMP	2			208	3	2.8	1/2"C, 3#12, 1#12G					VFD WITH INTEGRAL DISCONNECT BY MECHANICAL
P-3B	PUMP	2			208	3	2.8	1/2"C, 3#12, 1#12G					VFD WITH INTEGRAL DISCONNECT BY MECHANICAL
RF-1	RETURN FAN	1			208	1	1.7	1/2"C, 3#12, 1#12G			HOA	0	
(E) SF-1	SUPPLY FAN	3			208	3	4.0	1/2"C, 3#12, 1#12G			HOA	0	PROVIDE NEW STARTER
TV-1	TEMPERING VALVE		0.1		120	1	0.1	1/2"C, 2#12, 1#12G	30/2				
UH-1	UNIT HEATER	1/25			120	1	0.1	1/2"C, 2#12, 1#12G	30/2				
UH-2	UNIT HEATER	1/25			120	1	0.1	1/2"C, 2#12, 1#12G	30/2				
UH-3	UNIT HEATER	1/12			120	1	0.1	1/2"C, 2#12, 1#12G	30/2				



PROJECT :
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

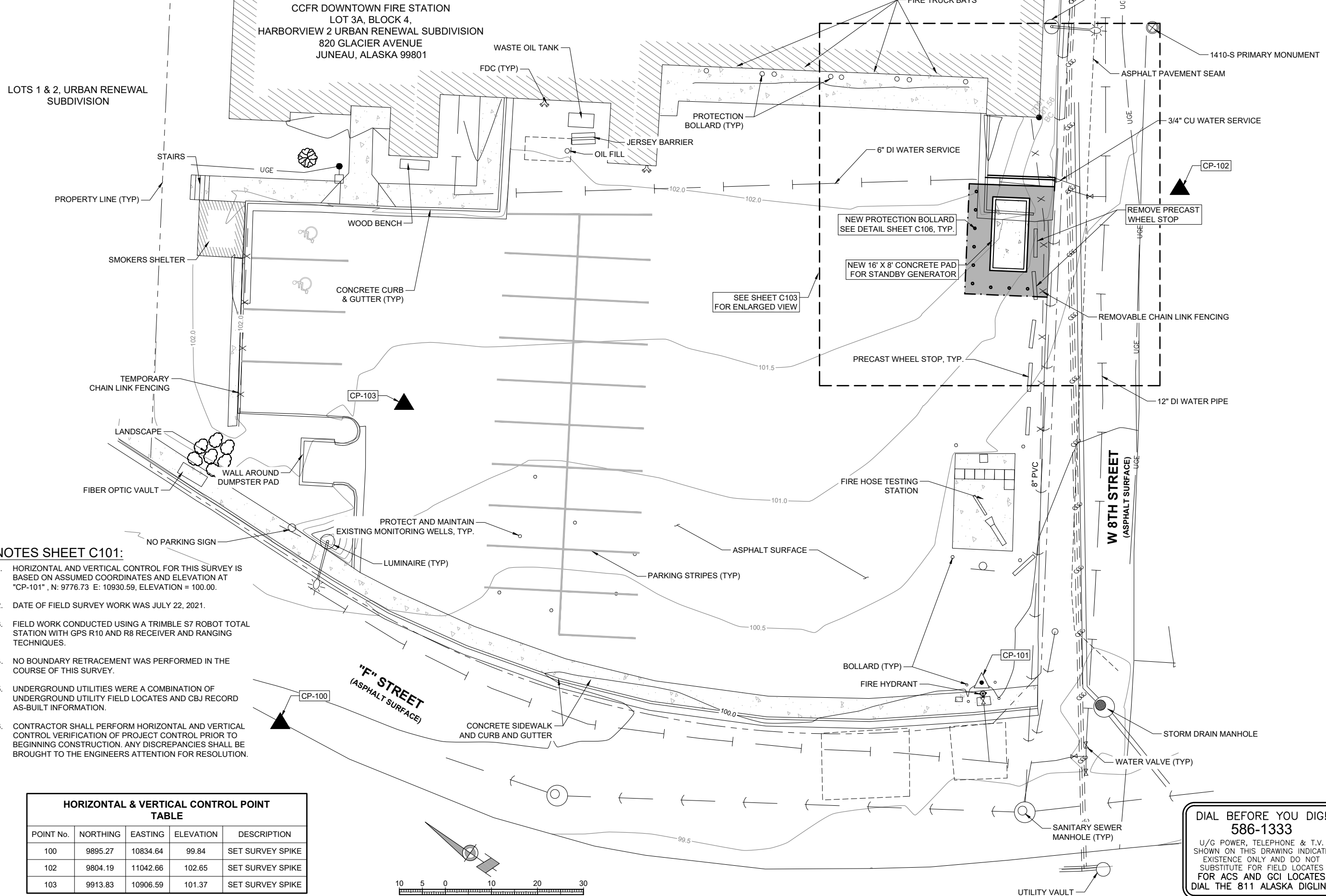
SHEET TITLE :
GLACIER STATION - SCHEDULES
CONSTRUCTION DOCUMENTS

DESIGN	BA
DRAWN	BA/KB
CHECKED	BA
DATE	05/31/2022
PROJECT No. 19309.02JN	
SHEET NUMBER E403	

No.	Date	Item

MATCH LINE, SEE SHEET C102

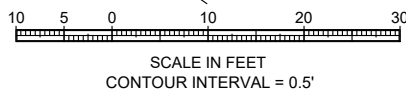
1" IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES



NOTES SHEET C101:

- HORIZONTAL AND VERTICAL CONTROL FOR THIS SURVEY IS BASED ON ASSUMED COORDINATES AND ELEVATION AT "CP-101", N: 9776.73 E: 10930.59, ELEVATION = 100.00.
- DATE OF FIELD SURVEY WORK WAS JULY 22, 2021.
- FIELD WORK CONDUCTED USING A TRIMBLE S7 ROBOT TOTAL STATION WITH GPS R10 AND R8 RECEIVER AND RANGING TECHNIQUES.
- NO BOUNDARY RETRACEMENT WAS PERFORMED IN THE COURSE OF THIS SURVEY.
- UNDERGROUND UTILITIES WERE A COMBINATION OF UNDERGROUND UTILITY FIELD LOCATES AND CBJ RECORD AS-BUILT INFORMATION.
- CONTRACTOR SHALL PERFORM HORIZONTAL AND VERTICAL CONTROL VERIFICATION OF PROJECT CONTROL PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEERS ATTENTION FOR RESOLUTION.

HORIZONTAL & VERTICAL CONTROL POINT TABLE				
POINT No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	9895.27	10834.64	99.84	SET SURVEY SPIKE
102	9804.19	11042.66	102.65	SET SURVEY SPIKE
103	9913.83	10906.59	101.37	SET SURVEY SPIKE



DIAL BEFORE YOU DIG!
586-1333
U/G POWER, TELEPHONE & T.V. SHOWN ON THIS DRAWING INDICATE EXISTENCE ONLY AND DO NOT SUBSTITUTE FOR FIELD LOCATES FOR ACS AND GCI LOCATES DIAL THE 811 ALASKA DIGLINE

No.	Date	Item
REVISIONS		

CONSULTANT:



Juneau, AK
9103 Mendocino Mall, Ste. 4
Juneau, AK 99801
Phone: 907.586.0080
Fax: 907.586.3771
AEOC 163270



PROJECT:
**CCFR GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU/GLACIER
STATION GENERATOR REPLACEMENT
CBJ CONTRACT No. BE22-108
JUNEAU, ALASKA**

SHEET TITLE:
**SITE PLAN - CCFR
DOWNTOWN FIRE STATION**

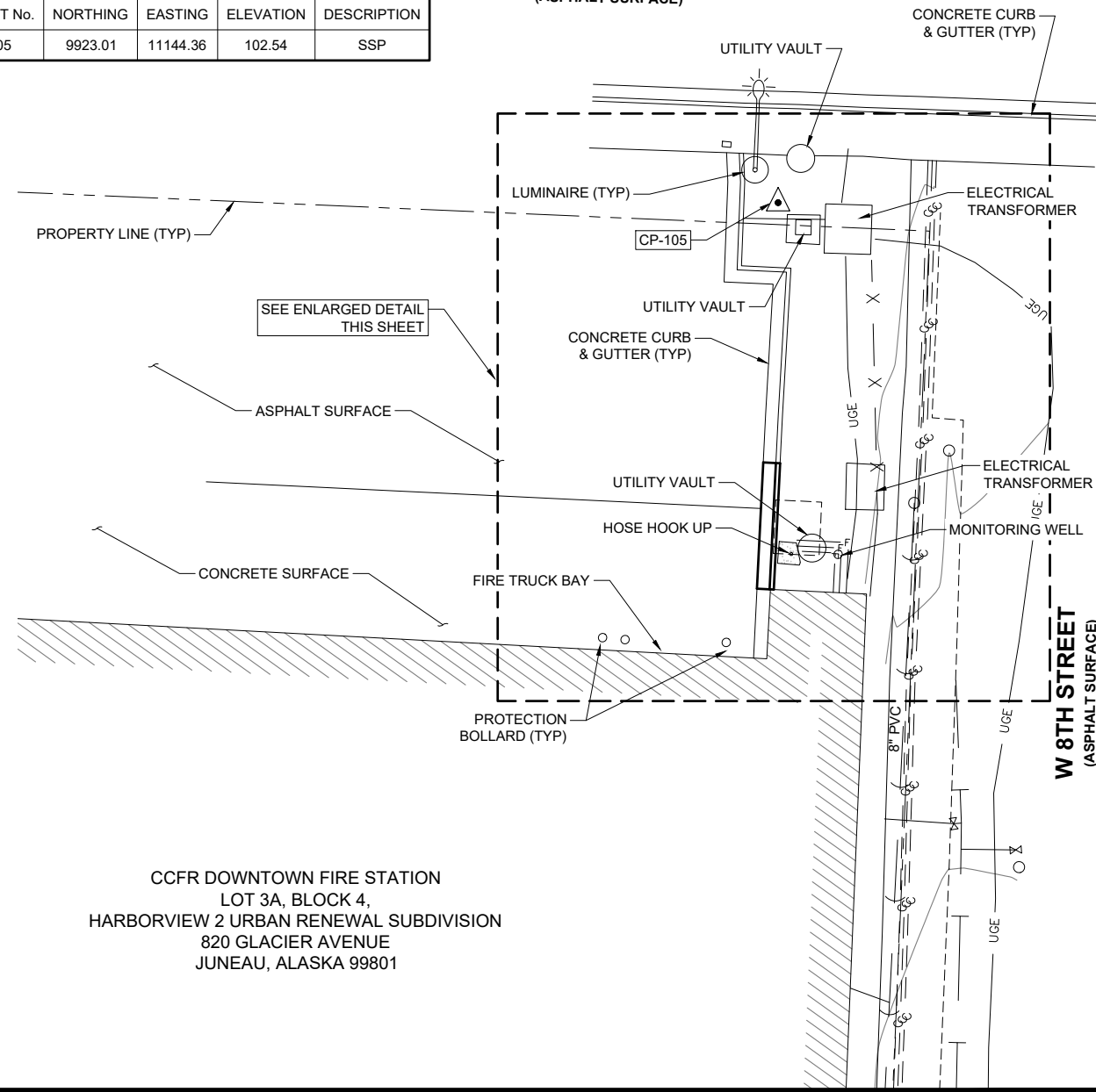
CONSTRUCTION DOCUMENTS

DESIGN JMK
DRAWN JMK
CHECKED JMK
DATE 05/31/2022
PROJECT No. 19309.03
SHEET NUMBER

C101

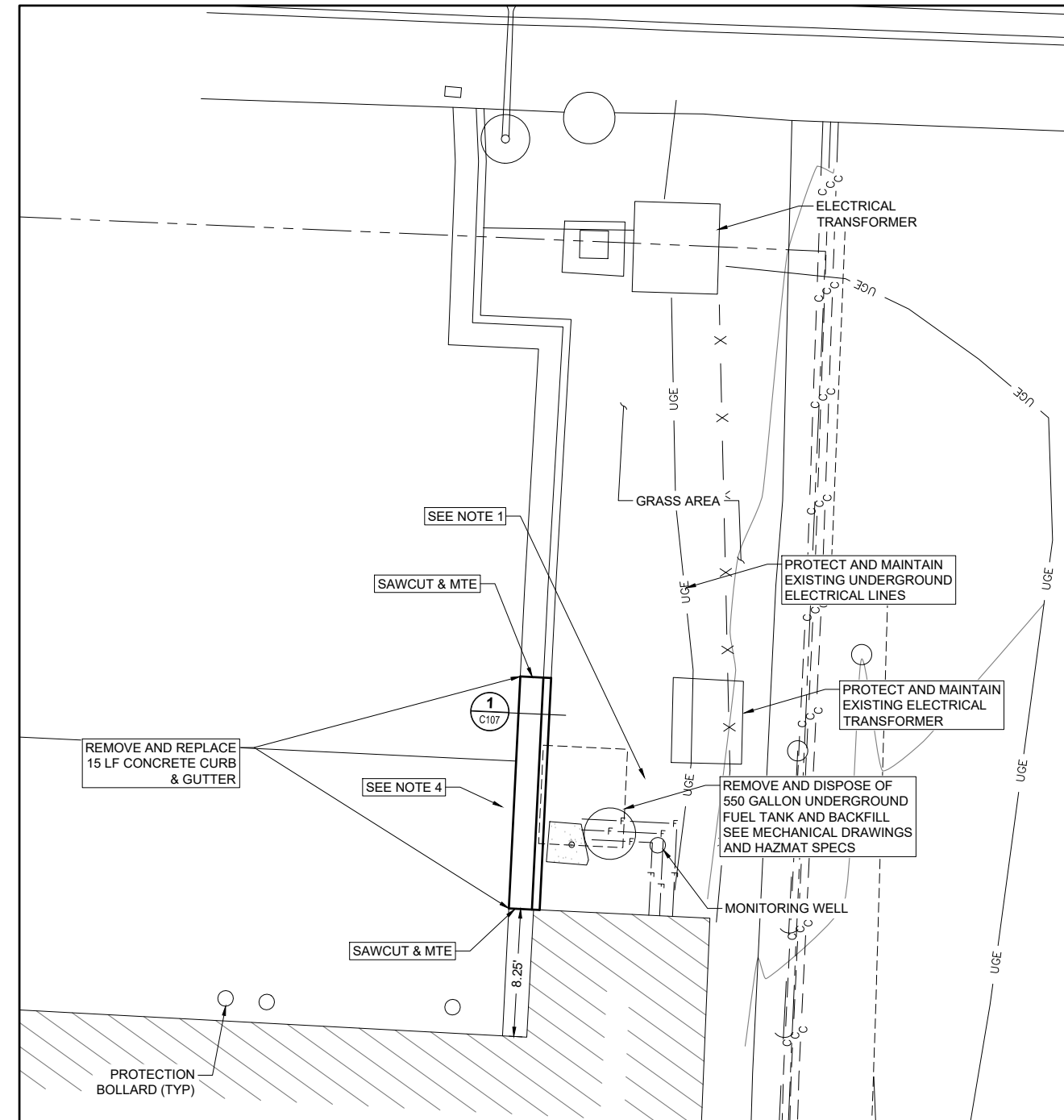
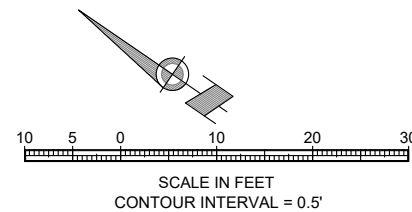
HORIZONTAL & VERTICAL CONTROL POINT TABLE				
POINT No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
105	9923.01	11144.36	102.54	SSP

GLACIER AVENUE
(ASPHALT SURFACE)



CCFR DOWNTOWN FIRE STATION
LOT 3A, BLOCK 4,
HARBORVIEW 2 URBAN RENEWAL SUBDIVISION
820 GLACIER AVENUE
JUNEAU, ALASKA 99801

MATCH LINE, SEE SHEET C101



ENLARGED PLAN VIEW

1" = 5'

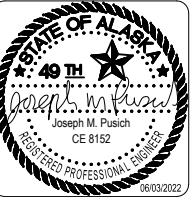
NOTES SHEET C102:

1. PLACE AND GRADE 3" DEPTH TOP SOIL AND SEED ALL AREAS THAT HAVE BEEN DISTURBED DUE TO CONSTRUCTION AFTER BACKFILLING.
2. CONTRACTOR TO COORDINATE WITH JUNEAU FIRE STATION CHIEF MINIMUM 48 HOURS PRIOR TO BEGINNING WORK TO ENSURE ALL PLAN OF OPERATIONS ARE UNDERSTOOD BY THE FIRE CHIEF AND NO DISRUPTION TO EMERGENCY RESPONSE WILL OCCUR.
3. COORDINATE SITE WORK WITH ELECTRICAL, MECHANICAL AND HAZMAT CONTRACTOR.
4. PROTECT AND MAINTAIN EXISTING CONCRETE SURFACE.

DIAL BEFORE YOU DIG!
586-1333
U/G POWER, TELEPHONE & T.V. SHOWN ON THIS DRAWING INDICATE EXISTENCE ONLY AND DO NOT SUBSTITUTE FOR FIELD LOCATES FOR ACS AND GCI LOCATES DIAL THE 811 ALASKA DIGLINE

No.	Date	Item
REVISIONS		

CONSULTANT:



Juneau, AK
9103 Mendota Mall Rd, Ste. 4
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEOC 163270



PROJECT:
CCFR GLACIER FIRE STATION M/E UPGRADES AND JUNEAU/GLACIER STATION GENERATOR REPLACEMENT
CBJ CONTRACT No. BE22-108
JUNEAU, ALASKA

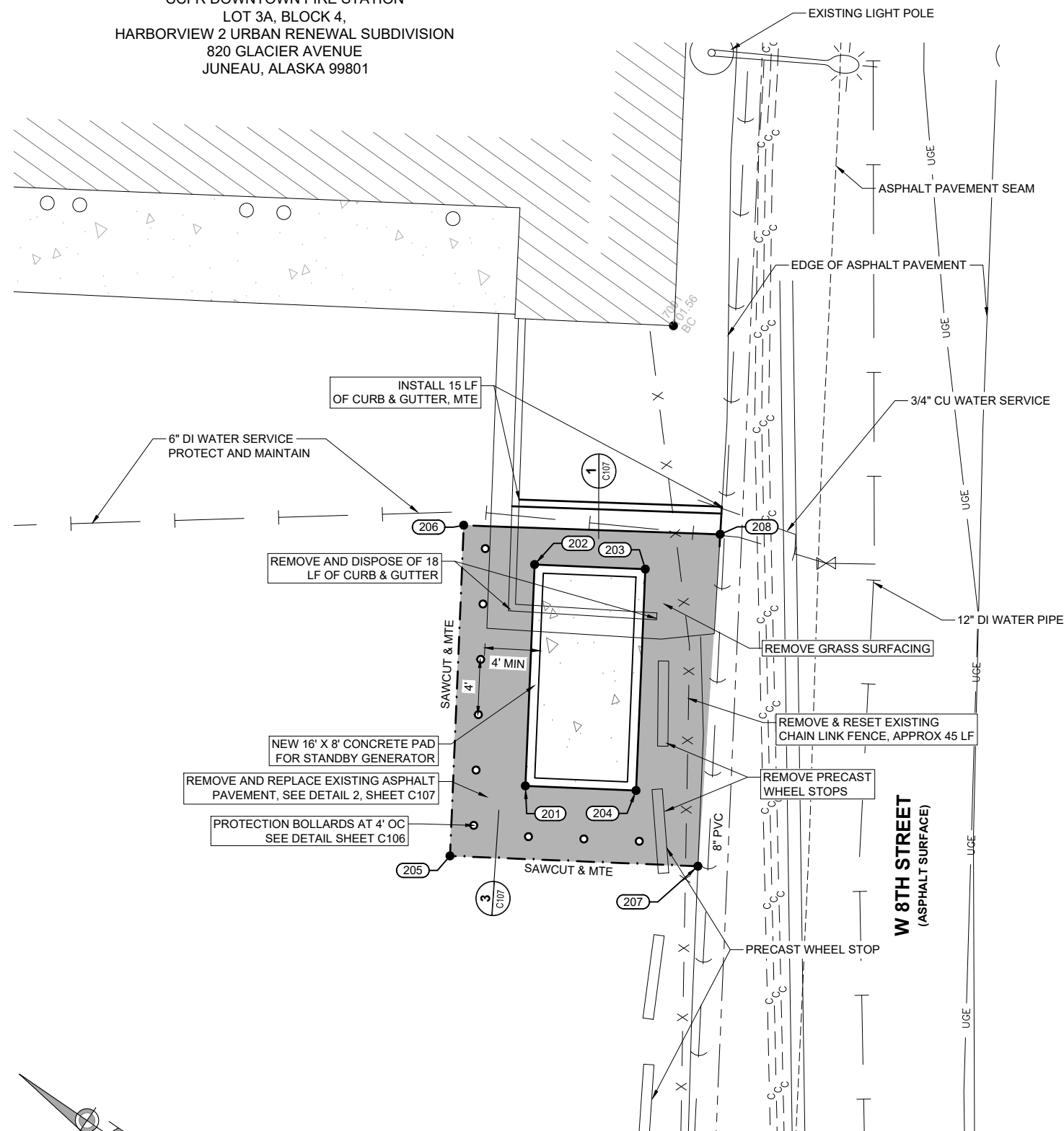
SHEET TITLE:
SITE PLAN - CCFR DOWNTOWN FIRE STATION
CONSTRUCTION DOCUMENTS

DESIGN JMP
DRAWN JMK
CHECKED JMP
DATE 05/31/2022

PROJECT No. 19309.03
SHEET NUMBER

C102

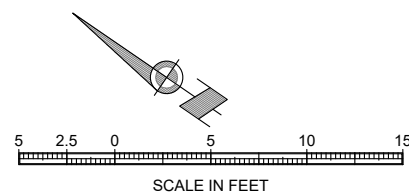
CCFR DOWNTOWN FIRE STATION
 LOT 3A, BLOCK 4,
 HARBORVIEW 2 URBAN RENEWAL SUBDIVISION
 820 GLACIER AVENUE
 JUNEAU, ALASKA 99801



NOTES SHEET C103:

1. PROTECTION BOLLARD SPACING TO BE 4' ON CENTER.
2. CONTRACTOR TO COORDINATE WITH DOWNTOWN FIRE STATION CHIEF MINIMUM 48 HOURS PRIOR TO BEGINNING WORK TO ENSURE ALL PLAN OF OPERATIONS ARE UNDERSTOOD BY THE FIRE CHIEF AND NO DISRUPTION TO EMERGENCY RESPONSE WILL OCCUR.
3. COORDINATE SITE WORK WITH ELECTRICAL AND MECHANICAL CONTRACTOR.

GRADE POINT TABLE THIS SHEET				
POINT No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
201	9827.45	11004.30	101.30	COR CONC
202	9836.23	11017.68	102.11	COR CONC
203	9829.54	11022.07	101.95	COR CONC
204	9820.76	11008.69	101.14	COR CONC
205	9828.92	10997.02	101.31	EP/MTE
206	9842.03	11017.00	102.06	EP/MTE
207	9813.95	11006.85	100.66	EP/MTE
208	9826.61	11027.26	100.93	EP



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 586-1333**
 U/G POWER, TELEPHONE & T.V.
 SHOWN ON THIS DRAWING INDICATE
 EXISTENCE ONLY AND DO NOT
 SUBSTITUTE FOR FIELD LOCATES
 FOR ACS AND GCI LOCATES
 DIAL THE 811 ALASKA DIGLINE

No.	Date	Item
REVISIONS		

CONSULTANT:



Juneau, AK
 9103 Mendota Mall Rd. Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0060
 Fax: 907.586.3771
 AEOC 163270

PROJECT:
**CCFR GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU/GLACIER
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT No. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
**CONCRETE SLAB - ENLARGED VIEW
 CCFR DOWNTOWN FIRE STATION**

CONSTRUCTION DOCUMENTS

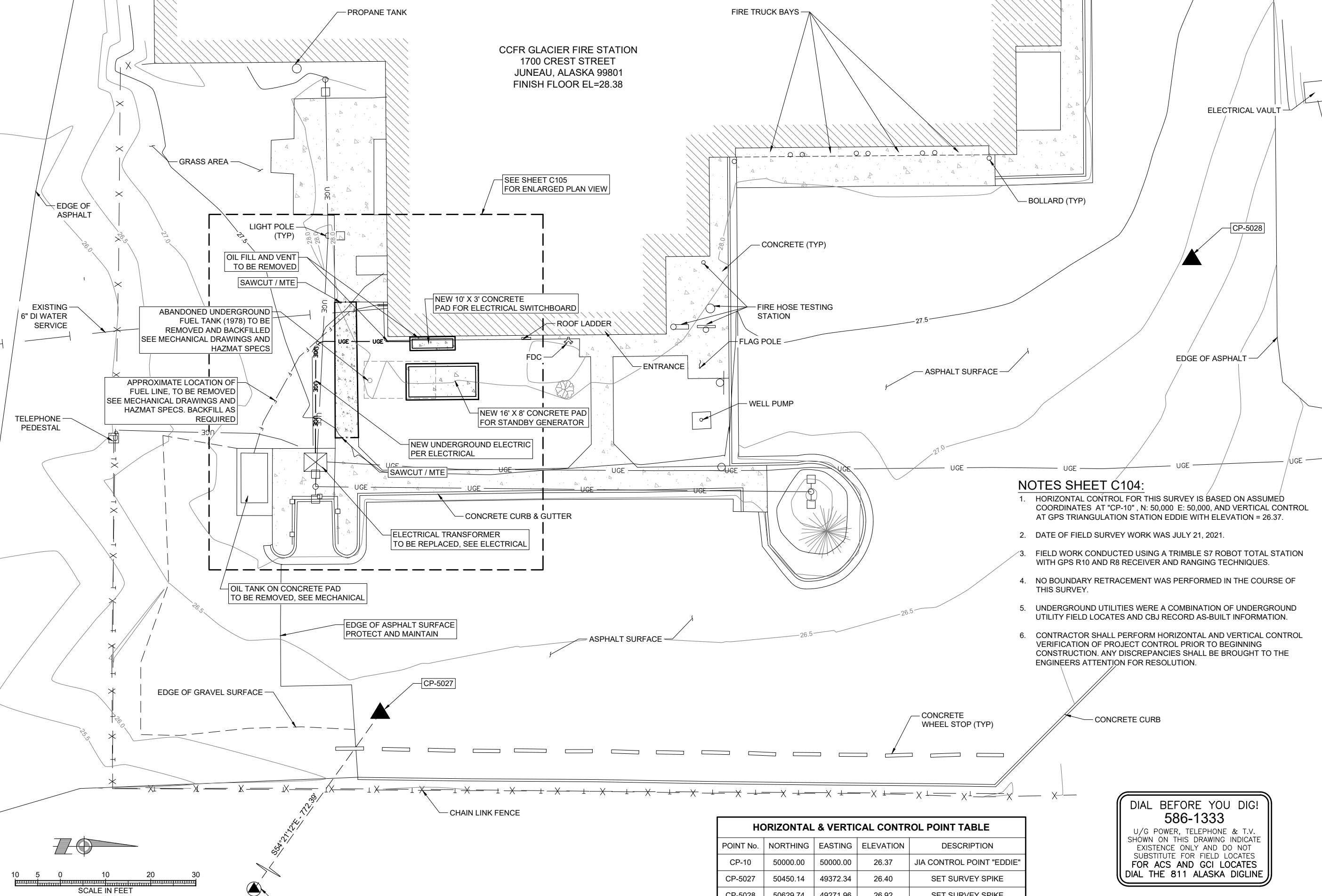
DESIGN: JMP
 DRAWN: JMK
 CHECKED: JMP
 DATE: 05/31/2022

PROJECT No.
19309.03
 SHEET NUMBER
C103

IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION. AFFECTING ALL LABELED SCALES

\\projects\19309_03\N\CBL_Heat_Pmp\CCGenerator\Sub\Drawings\C200\CNST\VAL-19309_06_Plan_Jun.03.2022_11:59 AM

CCFR GLACIER FIRE STATION
1700 CREST STREET
JUNEAU, ALASKA 99801
FINISH FLOOR EL=28.38

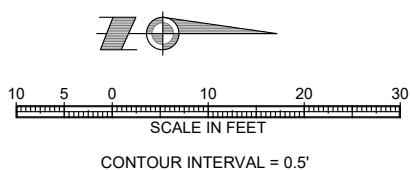


NOTES SHEET C104:

- HORIZONTAL CONTROL FOR THIS SURVEY IS BASED ON ASSUMED COORDINATES AT "CP-10", N: 50,000 E: 50,000, AND VERTICAL CONTROL AT GPS TRIANGULATION STATION EDDIE WITH ELEVATION = 26.37.
- DATE OF FIELD SURVEY WORK WAS JULY 21, 2021.
- FIELD WORK CONDUCTED USING A TRIMBLE S7 ROBOT TOTAL STATION WITH GPS R10 AND R8 RECEIVER AND RANGING TECHNIQUES.
- NO BOUNDARY RETRACEMENT WAS PERFORMED IN THE COURSE OF THIS SURVEY.
- UNDERGROUND UTILITIES WERE A COMBINATION OF UNDERGROUND UTILITY FIELD LOCATES AND CBJ RECORD AS-BUILT INFORMATION.
- CONTRACTOR SHALL PERFORM HORIZONTAL AND VERTICAL CONTROL VERIFICATION OF PROJECT CONTROL PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEERS ATTENTION FOR RESOLUTION.

HORIZONTAL & VERTICAL CONTROL POINT TABLE				
POINT No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP-10	50000.00	50000.00	26.37	JIA CONTROL POINT "EDDIE"
CP-5027	50450.14	49372.34	26.40	SET SURVEY SPIKE
CP-5028	50629.74	49271.96	26.92	SET SURVEY SPIKE

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No.	Date	Item
REVISIONS		

CONSULTANT:



Juneau, AK
9103 Mendocino Mall Rd, Ste. 4
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEOC 163270



PROJECT:
CCFR GLACIER FIRE STATION M/E UPGRADES AND JUNEAU/GLACIER STATION GENERATOR REPLACEMENT
CBJ CONTRACT No. BE22-108
JUNEAU, ALASKA

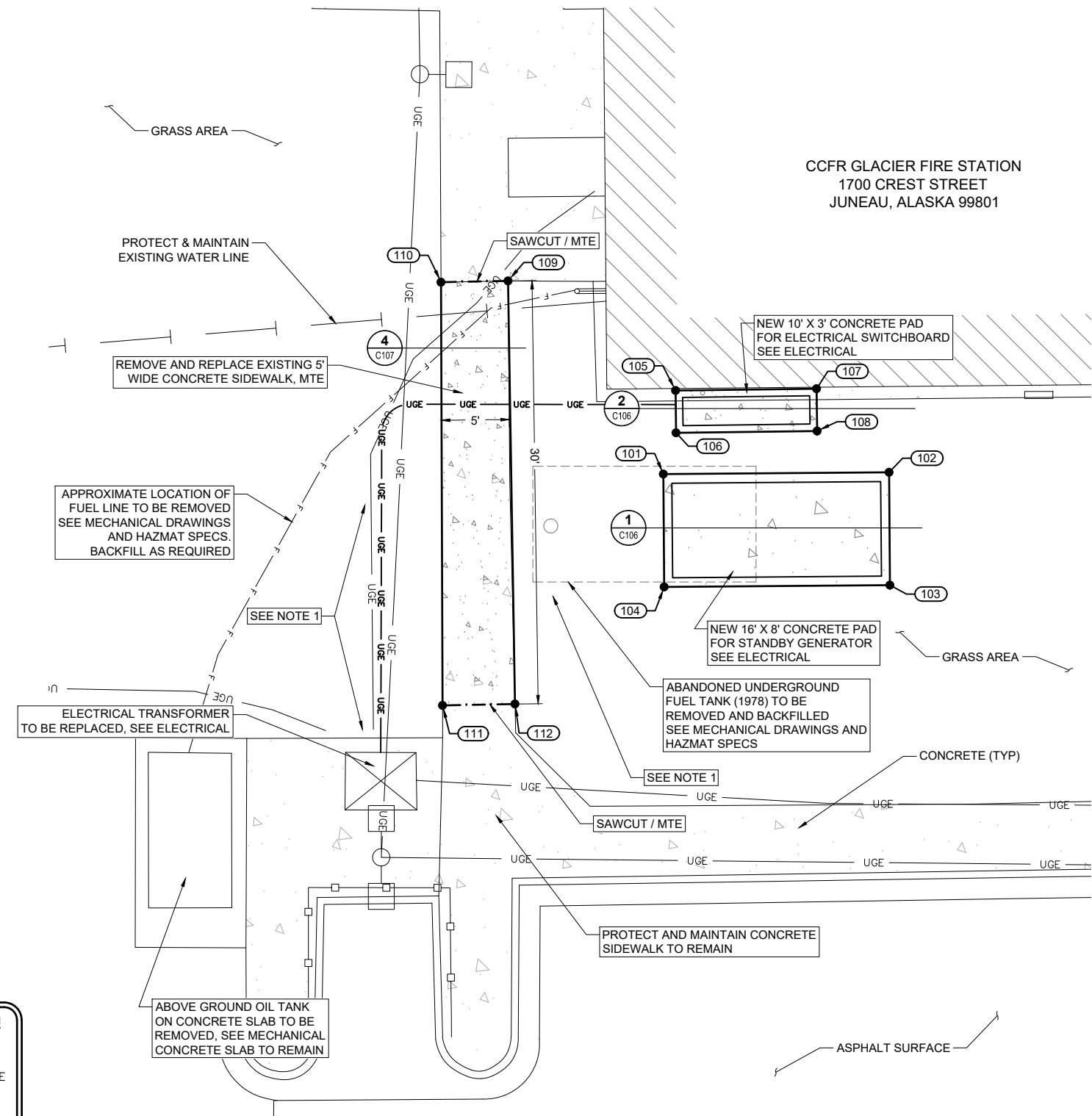
SHEET TITLE:
SITE PLAN - CCFR GLACIER FIRE STATION

CONSTRUCTION DOCUMENTS

DESIGN: JMP
DRAWN: JMK
CHECKED: JMP
DATE: 05/31/2022

PROJECT No.
19309.03
SHEET NUMBER

C104



NOTES SHEET C105:

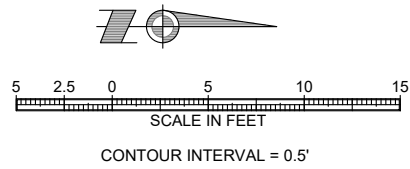
1. PLACE AND GRADE 3" DEPTH TOP SOIL AND SEED ALL AREAS THAT HAVE BEEN DISTURBED DUE TO CONSTRUCTION AFTER BACKFILLING.
2. CONTRACTOR TO COORDINATE WITH GLACIER FIRE STATION CHIEF MINIMUM 48 HOURS PRIOR TO BEGINNING WORK TO ENSURE ALL PLAN OF OPERATIONS ARE UNDERSTOOD BY THE FIRE CHIEF AND NO DISRUPTION TO EMERGENCY RESPONSE WILL OCCUR.
3. COORDINATE SITE WORK WITH ELECTRICAL, MECHANICAL AND HAZMAT CONTRACTOR.

GRADE POINT TABLE THIS SHEET

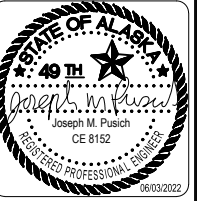
POINT No.	NORTHING	EASTING	ELEVATION	DESCRIPTION
101	50455.84	49295.04	28.20	COR CONC
102	50471.84	49294.91	28.20	COR CONC
103	50471.91	49302.91	28.12	COR CONC
104	50455.91	49303.04	28.12	COR CONC
105	50456.71	49289.11	28.23	COR CONC
106	50456.75	49292.11	28.23	COR CONC
107	50466.71	49288.98	28.20	COR CONC
108	50466.75	49291.98	28.20	COR CONC
109	50444.84	49281.34	28.22	CONC MTE
110	50440.09	49281.43	27.97	CONC MTE
111	50440.20	49311.44	27.46	CONC MTE
112	50445.33	49311.34	27.57	CONC MTE

**DIAL BEFORE YOU DIG!
586-1333**

U/G POWER, TELEPHONE & T.V. SHOWN ON THIS DRAWING INDICATE EXISTENCE ONLY AND DO NOT SUBSTITUTE FOR FIELD LOCATES FOR ACS AND GCI LOCATES DIAL THE 811 ALASKA DIGLINE



CONSULTANT:



Juneau, AK
9103 Mendota Mall Rd., Ste. 4
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEOC 163270



PROJECT:
**CCFR GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU/GLACIER
STATION GENERATOR REPLACEMENT
CBJ CONTRACT No. BE22-108
JUNEAU, ALASKA**

SHEET TITLE:
**CONCRETE SLAB - ENLARGED VIEW
CCFR GLACIER FIRE STATION**

CONSTRUCTION DOCUMENTS

DESIGN: JMP
DRAWN: JMK
CHECKED: JMP
DATE: 05/31/2022

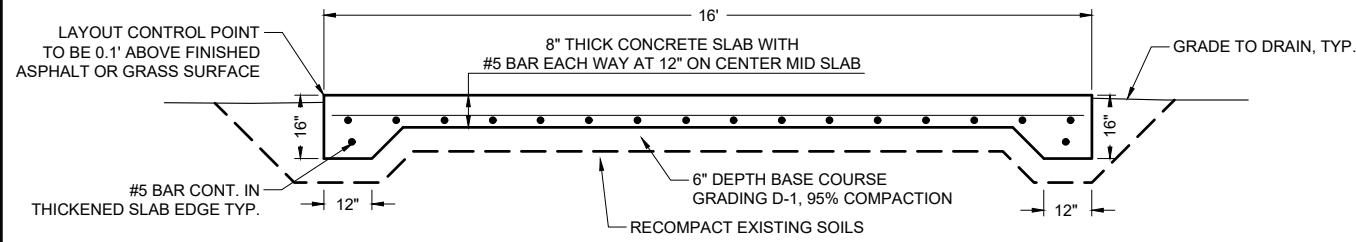
PROJECT No.
19309.03

SHEET NUMBER

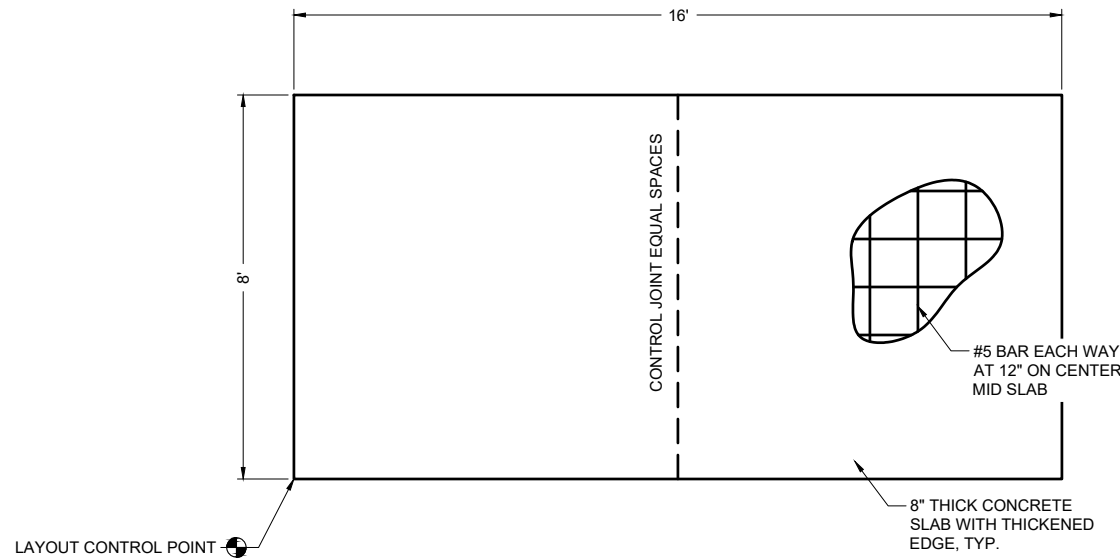
C105

No.	Date	Item
REVISIONS		

IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES



SECTION VIEW

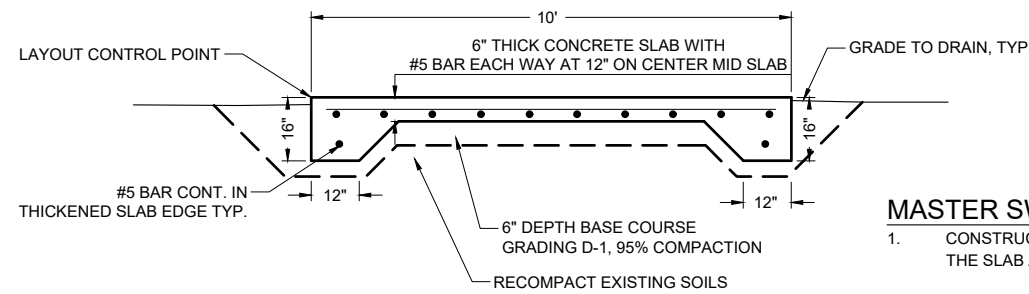


PLAN VIEW

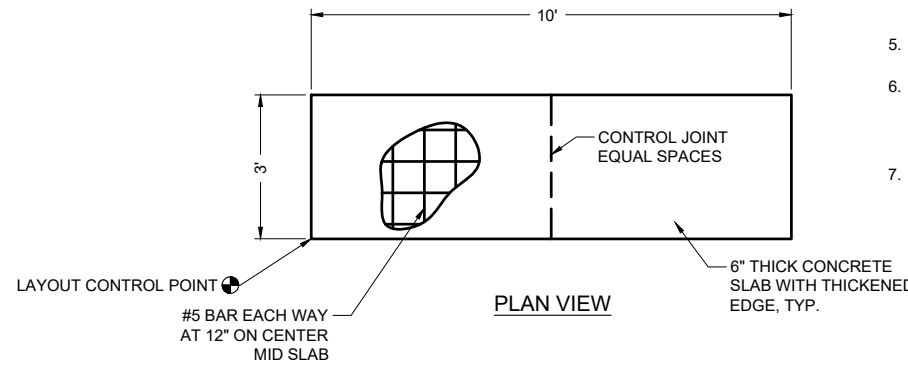
1 GENERATOR EQUIPMENT SLAB DETAIL
C106 SCALE: NTS

GENERATOR EQUIPMENT SLAB NOTES:

1. CONSTRUCT TOOLED CONTROL JOINTS AT ONE HALF POINTS OF THE SLAB AS SHOWN.
2. ALL STEEL MUST HAVE A MINIMUM OF 2" OF CONCRETE COVER
3. A STEEL TROWEL FINISH IS REQUIRED PRIOR TO LIGHT BROOM FINISHING OF SLAB SURFACE.
4. CONCRETE INTERNATIONAL CORPORATION ASHFORD FORMULA OR APPROVED EQUAL SHALL BE APPLIED AS A CURING COMPOUND. APPLICATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.
5. CONSTRUCT A 1/2" CHAMFER ON ALL EXPOSED SLAB CORNERS.
6. ACTUAL CONCRETE SLAB DIMENSIONS MAY VARY. COORDINATE WITH MECHANICAL ON ACTUAL GENERATOR DIMENSIONS AND ANCHOR BOLTS.
7. CONCRETE COMPRESSIVE STRENGTH TO BE 4,000 PSI AT 28 DAYS.



SECTION VIEW

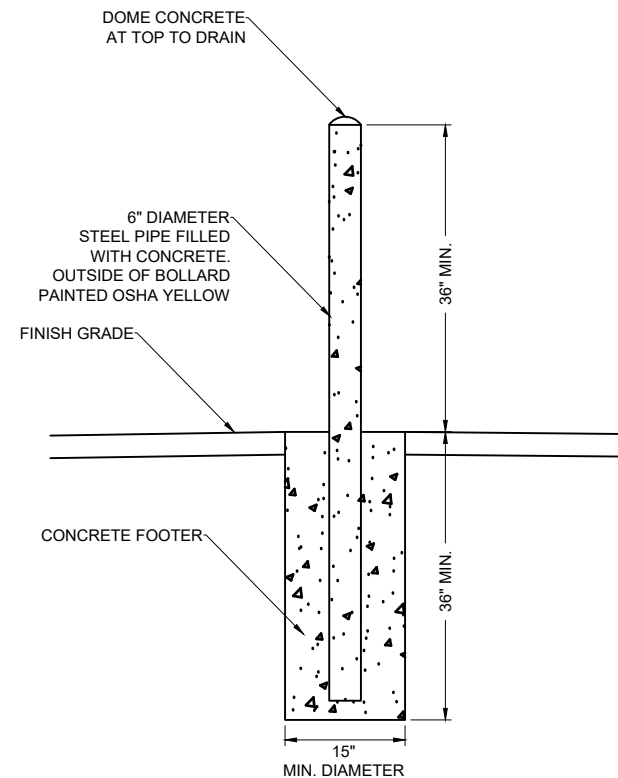


PLAN VIEW

2 MASTER SWITCHBOARD SLAB DETAIL
C106 SCALE: NTS

MASTER SWITCHBOARD SLAB NOTES:

1. CONSTRUCT TOOLED CONTROL JOINTS AT ONE HALF POINTS OF THE SLAB AS SHOWN.
2. ALL STEEL MUST HAVE A MINIMUM OF 2" OF CONCRETE COVER
3. A STEEL TROWEL FINISH IS REQUIRED PRIOR TO LIGHT BROOM FINISHING OF SLAB SURFACE.
4. CONCRETE INTERNATIONAL CORPORATION ASHFORD FORMULA OR APPROVED EQUAL SHALL BE APPLIED AS A CURING COMPOUND. APPLICATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.
5. CONSTRUCT A 1/2" CHAMFER ON ALL EXPOSED SLAB CORNERS.
6. ACTUAL CONCRETE SLAB DIMENSIONS MAY VARY. COORDINATE WITH MECHANICAL ON ACTUAL GENERATOR DIMENSIONS AND ANCHOR BOLTS.
7. CONCRETE COMPRESSIVE STRENGTH TO BE 4,000 PSI AT 28 DAYS.



3 PROTECTION BOLLARD DETAIL
C106 SCALE: NTS

NOTES:

1. CONSTRUCTED OF STEEL NOT LESS THAN 6 INCHES IN DIAMETER AND CONCRETE FILLED.
2. BOLLARD SPACING TO BE 4 FEET FROM CENTER TO CENTER OF BOLLARD.
3. SET NOT LESS THAN 3 FEET DEEP IN A CONCRETE FOOTING OF NOT LESS THAN A 15-INCH DIAMETER.
4. SET WITH THE TOP OF THE POSTS NOT LESS THAN 3 FEET ABOVE GROUND.
5. LOCATED NOT LESS THAN 4 FEET FROM THE PROTECTED OBJECT ALL AROUND THE GENERATOR.
6. CONCRETE COMPRESSIVE STRENGTH TO BE 3,000 PSI AT 28 DAYS.

No.	Date	Item
REVISIONS		

CONSULTANT :



Juneau, AK
9103 Mendocino Mall Rd. Ste. 4
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEOC 163270



PROJECT :
**CCFR GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU/GLACIER
STATION GENERATOR REPLACEMENT
CBJ CONTRACT No. BE22-108
JUNEAU, ALASKA**

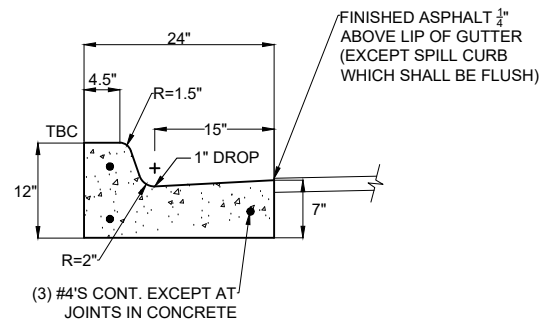
SHEET TITLE :
CONSTRUCTION DETAILS

SHEET NUMBER
C106

DESIGN	JMP
DRAWN	JMK
CHECKED	JMP
DATE	05/31/2022

PROJECT No.
19309.03

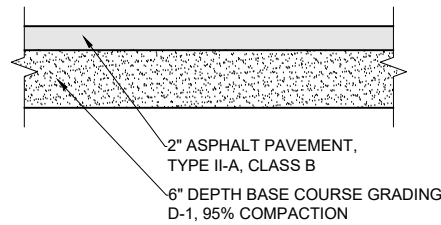
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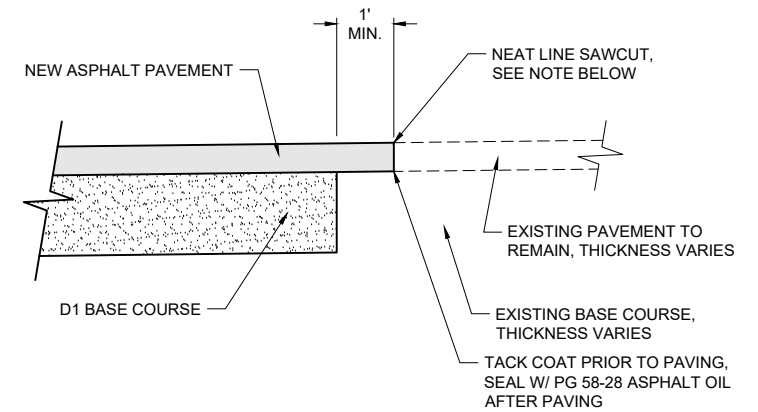
1 TYPE I CURB & GUTTER DETAIL
C107 SCALE: NTS

CONCRETE CURB NOTES:

1. CONCRETE SHALL BE FIBER MESH REINFORCED IN ACCORDANCE WITH SPECIFICATION SECTION 32 1315 - SIDEWALK, CURB AND GUTTER. REBAR IN CURB IS ALLOWED AS SHOWN.
2. CONCRETE INTERNATIONAL CORPORATION ASHFORD FORMULA OR APPROVED EQUAL SHALL BE APPLIED AS A CURING COMPOUND. APPLICATION SHALL CONFORM TO THE MANUFACTURERS RECOMMENDATIONS.
3. COLD JOINTS ARE REQUIRED EVERY 10' MAXIMUM. ALL JOINTS AND SEAMS SHALL BE EDGED.
4. STEEL TROWELING FINISH REQUIRED PRIOR TO BROOM FINISHING ON ALL SURFACES.
5. CURB AND GUTTER TRANSITION DESIGN TO BE APPROVED BY THE ENGINEER.
6. ALL REINFORCING STEEL MUST HAVE A MINIMUM OF 2" OF CONCRETE COVER WHEN SUBSTITUTED FOR FIBER MESH.
7. MINIMUM LONGITUDINAL SLOPE FOR CURB AND GUTTER SHALL BE NO LESS THAN 0.5%.



2 PAVEMENT SECTION DETAIL
C107 SCALE: NTS

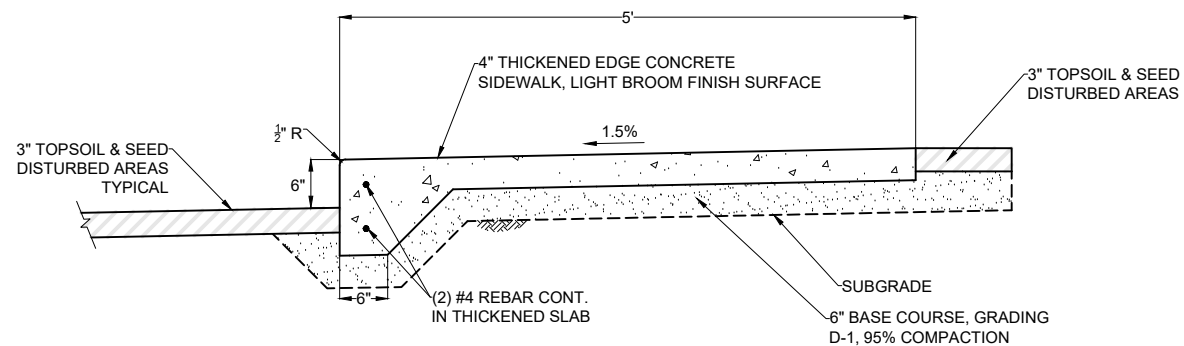


NOTE:
FINAL SAWCUT OF EXISTING PAVEMENT SHALL NOT BE MADE UNTIL 24 HOURS PRIOR TO FINAL PAVING.

3 PAVEMENT MATCH JOINT DETAIL
C107 SCALE: NTS

NOTES:

1. ALL STEEL MUST HAVE A MINIMUM OF 2" OF CONCRETE COVER.
2. ALL JOINTS AND SEAMS SHALL BE EDGED.
3. STEEL TROWELING FINISH REQUIRED PRIOR TO BROOM FINISHING ON ALL SURFACES.
4. CONCRETE INTERNATIONAL CORPORATION ASHFORD FORMULA OR APPROVED EQUAL SHALL BE APPLIED AS A CURING COMPOUND. APPLICATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.
5. CONCRETE SHALL CONTAIN FIBERMESH REINFORCING MATERIAL PER MANUFACTURER'S RECOMMENDATION.
6. SEE SHEET C105 FOR NEW SIDEWALK LOCATION.



4 5' WIDE THICKENED EDGE SIDEWALK
C107 SCALE: NTS

CONSULTANT :



Juneau, AK
9103 Mendocino Mall Rd, Ste. 4
Juneau, AK 99801
Phone: 907.586.0060
Fax: 907.586.3771
AEOC 163270



PROJECT :
**CCFR GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU/GLACIER
STATION GENERATOR REPLACEMENT
CBJ CONTRACT No. BE22-108
JUNEAU, ALASKA**

SHEET TITLE :
CONSTRUCTION DETAILS
CONSTRUCTION DOCUMENTS

DESIGN J.M.P.
DRAWN J.M.K.
CHECKED J.M.P.
DATE 05/31/2022

PROJECT No.
19309.03
SHEET NUMBER

C107

No.	Date	Item
REVISIONS		

1" IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION. AFFECTING ALL LABELED SCALES.

EXISTING FINISH SCHEDULE FOR REFERENCE ONLY

GENERAL NOTES

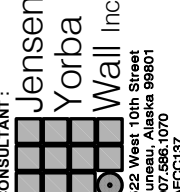
1. CUT 7 PATCH WALLS , CEILINGS , ROOF AND FLOORS AS REQ FOR NEW WORK
 - SEE MECH
 - SEE ELEC
- CUTTING & PATCHING**
- A. WHERE PATCHING A WALL WITH VINYL COVERING REMOVE VINYL TO THE NEAREST SEAM AND REPLACE FRO FLOOR TO CEILING TO MATCH ADJACENT
 - B. WHERE PATCHING PAINTED GYPSUM, PATCH AND PAINT TO MATCH ADJACENT
 - C. WHERE PATCHING A WALL WITH FRP, REMOVE & REINSTALL OR REPLACE TO MATCH ADJACENT
 - D. WHERE PATCHING A WALL WITH PLASTIC PANELS, REMOVE & REINSTALL OR REPLACE TO MATCH ADJACENT
 - E. CUT & PATCH CEILINGS AS REQ
 - E.1. ACP: IF A PARTIAL AMOUNT OF THE ACP GRID HAS TO BE REMOVED TO ACCOMPLISH NEW WORK, REMOVE AND REPLACE CEILING IN ENTIRE ROOM WITH THE GRIDS REMAINING IN THE SAME LOCATION. TEMPORARILY SUPPORT THE LIGHT FIXTURES AND REINSTALL ALL CEILING DEVICES IN ORIGINAL LOCATION.
 - E.2. GWB: WHERE PATCHING PAINTED GYPSUM, PATCH & PAINT TO MATCH ADJACENT
 - F. WHERE EQUIPMENT IS REMOVED LEAVING NON-MATCHING PAINT, PATCH AND PAINT TO MATCH ADJACENT
 - G. WHERE PATCHING ROOF MEMBRANE IS REQUIRED, MATCH EXISTING MEMBRANE AND PATCH SO AS TO NOT VOID THE WARRANTY OF THE MEMBRANE.

ROOM No.	Name	FLOOR	BASE	WAINSCOT		WALLS				CEILING	NOTES	
				Ht.	Ht.	North	East	South	West			
101	VESTIBULE	CPT	RUB	4"			GWB	GWB	GWB	GWB	GWB	
102	STAIRS	RUB	RUB	4"			GWB/VC	GWB/VC	GWB/VC	GWB/VC	ACP	
103	STORAGE	CPT	RUB	4"			GWB	GWB	GWB	GWB	GWB	
104	OFFICE	CPT	RUB	4"			GWB/VC	GWB/VC	GWB/VC	GWB/VC	ACP	
105	RECEPTION	CPT	RUB	4"			GWB/VC	GWB/VC	GWB/VC	GWB/VC	ACP	
106	CORRIDOR	CPT	RUB	4"			GWB/VC	GWB/VC	GWB/VC	GWB/VC	ACP/GWB ABOVE	
107	ENTRY	CPT	RUB	4"			GWB/VC	GWB/VC	GWB/VC	GWB/VC	ACP/GWB ABOVE	
108	MECHANICAL	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
109	CLASSROOM	CPT	RUB	4"	PLAM	36"	GWB/VC	GWB/VC	GWB/VC	GWB/VC	ACP	
110	STORAGE	VT	RUB	4"			GWB	GWB	GWB	GWB	GWB	
111	MENS	SV	CB	4"			PP	PP	PP	PP	GWB	
112	JANITOR	VT	RUB	4"			GWB	GWB	GWB	GWB	GWB	
113	WOMENS	SV	CB	4"			PP	PP	PP	PP	GWB	
114	LIBRARY	CPT	RUB	4"			GWB/VC	GWB/VC	GWB/VC	GWB/VC	ACP	
115	OFFICE	CPT	RUB	4"			GWB/VC	GWB/VC	GWB/VC	GWB/VC	ACP	
116	STORAGE	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
117	SHOP	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
118	KITCHEN	CPT	RUB	4"	PLAM	36"	GWB	GWB/VC	GWB/VC	GWB/VC	ACP	
119	DAY ROOM	CPT	RUB	4"	PLAM	36"	GWB	GWB/VC	GWB/VC	GWB/VC	ACP	
123	MEDIVAC STORAGE	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
124	STAIRS	RUB	RUB	4"			GWB/VC	GWB/VC	GWB/VC	GWB/VC	ACP	
126	TOOLS	CPT	RUB	4"			GWB	GWB	GWB	GWB	GWB	
127	SHOP	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
130	LUBE	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
131	AIR COMP	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
132	EMS BAY	CONC	RUB	4"			GWB	GWB	GWB	GWB/FRP	GWB	
134	STORAGE	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
135	TOILET	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
137	STORAGE	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
138	DISPATCH	CPT	RUB	4"			GWB	GWB	GWB	GWB	GWB	
140	SCBA	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
141	STORAGE	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
142	DECON	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
145	CORRIDOR	CONC	RUB	4"			GWB	GWB	GWB	GWB	GWB	
201	TELE	RUB	RUB	4"			GWB	GWB	GWB	GWB	ACP	
202	BEDROOM	RUB	RUB	4"			GWB	GWB	GWB	GWB	ACP	
203	BEDROOM	CPT	RUB	4"			GWB	GWB	GWB	GWB	ACP	
204	BATH	SV	SVC	6"			RVW	RVW	RVW	RVW	GWB	
205	BEDROOM	CPT	RUB	4"			GWB	GWB	GWB	GWB	ACP	
206	BATH	SV	SVC	6"			RVW	RVW	RVW	RVW	GWB	
207	BATH	SV	SVC	6"			RVW	RVW	RVW	RVW	GWB	
208	LAUNDRY	SV	SVC	6"			RVW	RVW	RVW	RVW	GWB	
209	BEDROOM	CPT	RUB	4"			GWB	GWB	GWB	GWB	ACP	
210	DORMITORY	CPT	RUB	4"			GWB	GWB	GWB	GWB	ACP	
211	POLE	CPT	RUB	4"			GWB	GWB	GWB	GWB	ACP	
212	STORAGE	RUB	RUB	4"			GWB	GWB	GWB	GWB	ACP	
214	CORRIDOR	CPT	RUB	4"			GWB	GWB	GWB	GWB	ACP	
215	JANITOR	SV	SVC	6"			RVW	RVW	RVW	RVW	GWB	

ABBREVIATIONS

ACP	ACOUSTICAL CEILING TILE	GWB	GYPSUM BOARD	VC	VINYL WALL COVERING
CB	VINYL COVE BASE	PP	PLASTIC PANELING	VT	VINYL TILE
CPT	CARPET	RUB	RUBBER BASE		
CONC	CONCRETE	SV	SHEET VINYL		
FRP	FIBER REINFORCED PANEL	RVW	RIGID VYNIL WALL COVERIG		

CONSULTANT :




Jensen Yorba Wall Inc.
522 West 10th Street
Juneau, Alaska 99801
907.586.1070
AEC0187



STATE OF ALASKA
Professional Engineer
No. 12345
Exp. 12/31/2025

Juneau, AK
9100 Mendota Hall Rd. Ste. 4
Juneau, AK 99801
Phone: 907.780.0060
Fax: 907.586.3771
AEC0163270



PROJECT :

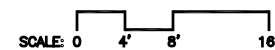
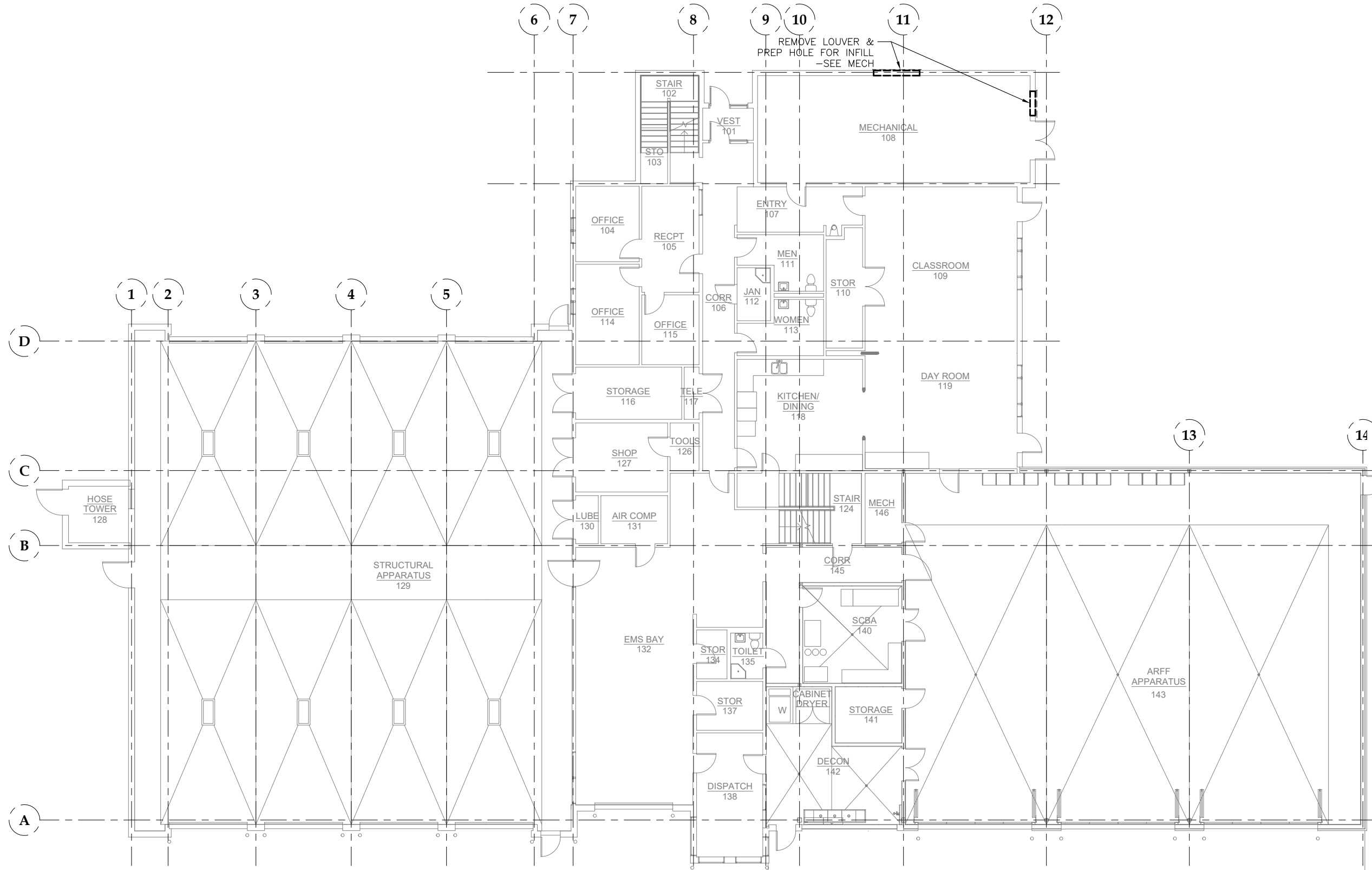
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE :

**FINISH SCHEDULE AND GENERAL
NOTES**

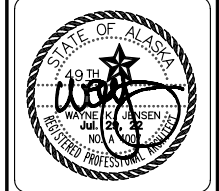
CONSTRUCTION DOCUMENTS

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DRAWN	ADG	
CHECKED	WJ	
DATE	05/31/2022	
PROJECT No. 19309.05JN		
SHEET NUMBER A001		
No.	Date	Item
REVISIONS		



No.	Date	Item

CONSULTANT:
Jensen Yorba Wall Inc.
 522 West 10th Street
 Juneau, Alaska 99801
 907.586.1070
 AEC0187



Juneau, AK
 9100 Mendota Hall Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0680
 Fax: 907.586.3771
 AEC063270

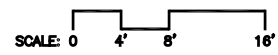
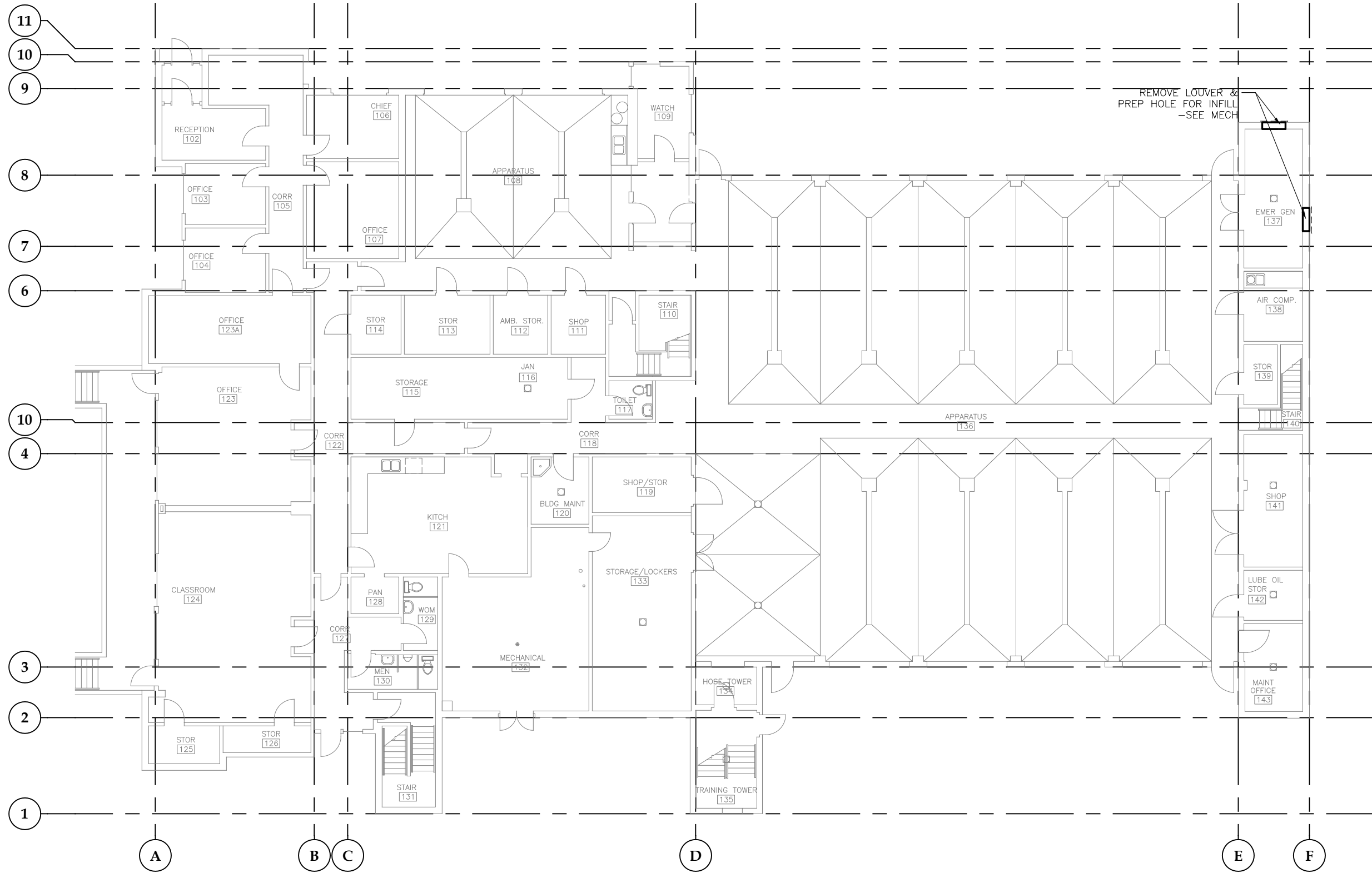


PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
FIRST FLOOR DEMO PLAN


CONSTRUCTION DOCUMENTS

DESIGN	WJ
DRAWN	ADG
CHECKED	WJ
DATE	05/31/2022
PROJECT No.	19309.05JN
SHEET NUMBER	A101a




No.	Date	Item

DESIGN	WJ
DRAWN	ADG
CHECKED	WJ
DATE	05/31/2022
PROJECT No.	19309.05JN
SHEET NUMBER	A101b

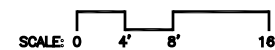
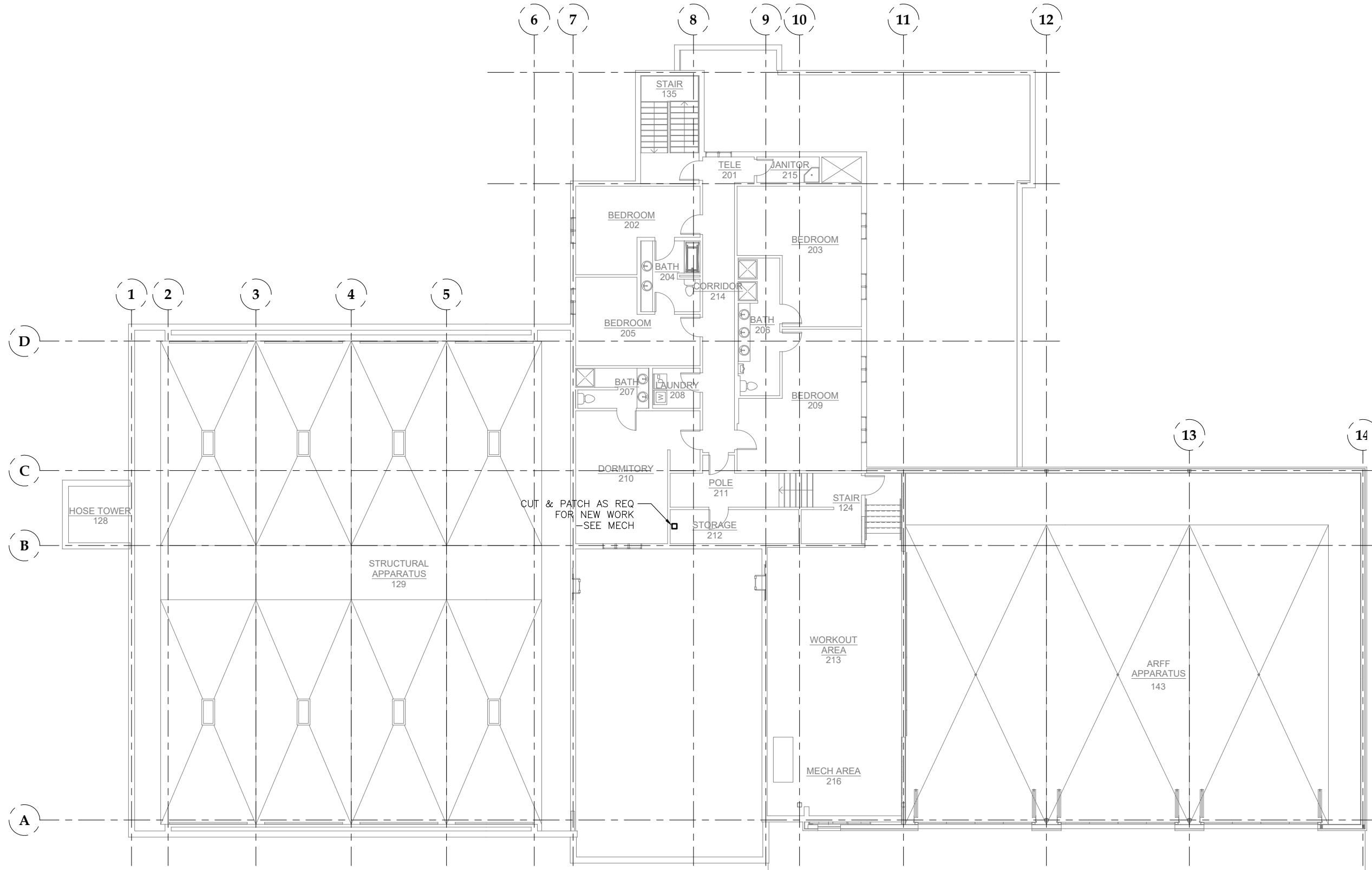
CONSULTANT:

Jensen Yorba Wall Inc.
 522 West 10th Street
 Juneau, Alaska 99801
 907-586-0770
 AECOC187



Juneau, AK
 9103 Mendota Hill Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0680
 Fax: 907.586.3771
 AECOC63270


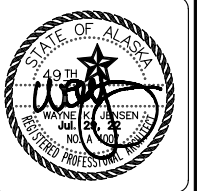
PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
**JUNEAU FIRE STATION
 FIRST FLOOR DEMO PLAN
 CONSTRUCTION DOCUMENTS**



No.	Date	Item

CONSULTANT:
Jensen Yorba Wall Inc.
 522 West 10th Street
 Juneau, Alaska 99801
 907.586.1070
 AEC0187



Juneau, AK
 9100 Mendota Hall Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0680
 Fax: 907.586.3771
 AEC063270

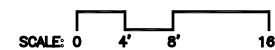
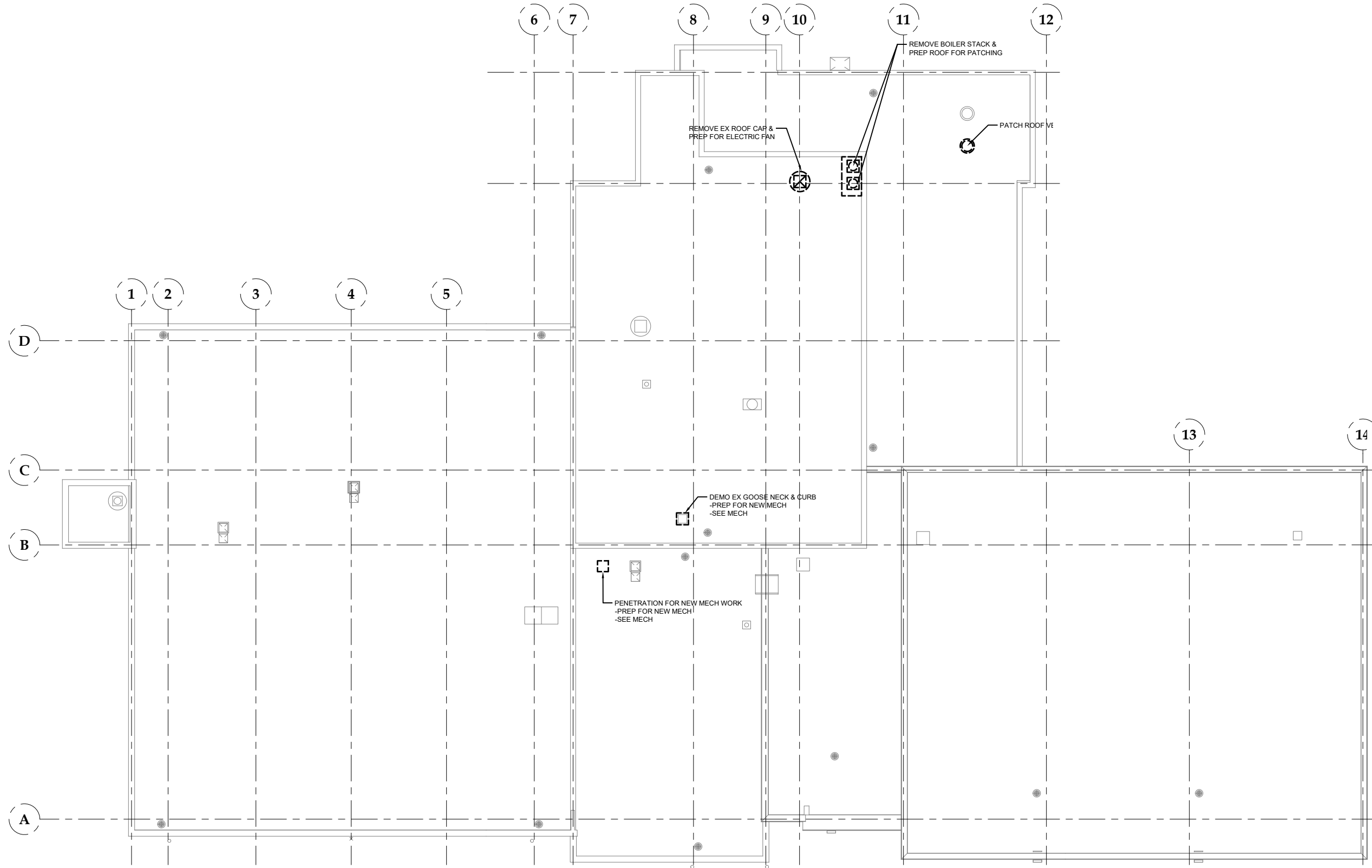


PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
SECOND FLOOR DEMO PLAN

CONSTRUCTION DOCUMENTS

DESIGN	WJ
DRAWN	ADG
CHECKED	WJ
DATE	05/31/2022
PROJECT No.	19309.05JN
SHEET NUMBER	A102



No.	Date	Item

DESIGN	WJ
DRAWN	ADG
CHECKED	WJ
DATE	05/31/2022
PROJECT No.	19309.05JN
SHEET NUMBER	A103

CONSULTANT:

Jensen Yorba Wall Inc.
522 West 10th Street
Juneau, Alaska 99801
907.586.1070
AEC0187



Juneau, AK
9103 Mendenhall Mall Rd, Ste. 4
Juneau, AK 99801
Phone: 907.780.0080
Fax: 907.586.3771
AEC0163270

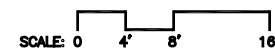
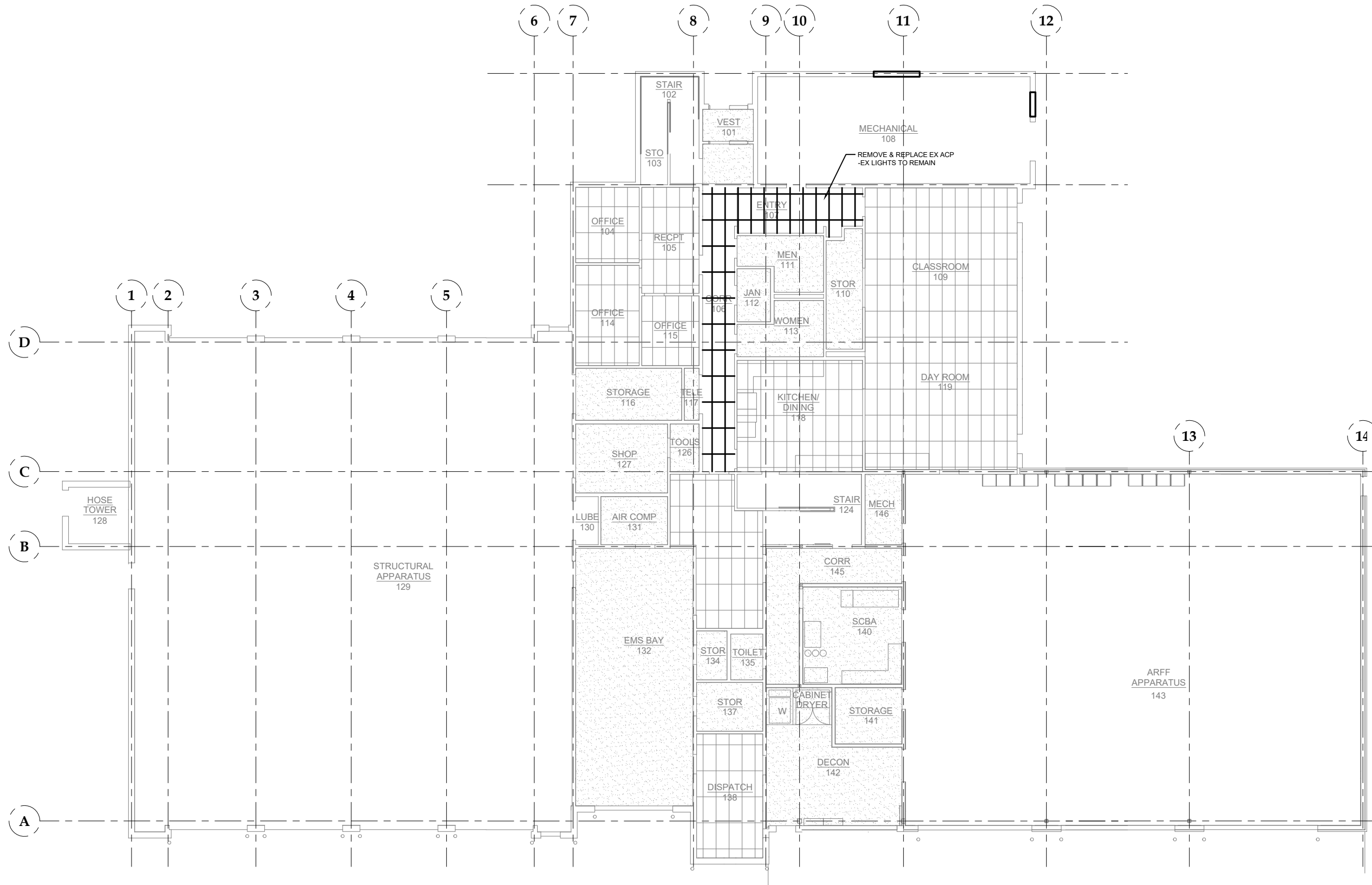
PROJECT:

**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE:

**DEMOLITION
ROOF PLAN**

CONSTRUCTION DOCUMENTS

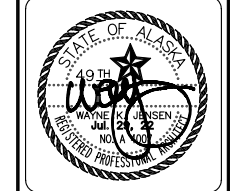


No.	Date	Item

DESIGN	WJ
DRAWN	ADG
CHECKED	WJ
DATE	05/31/2022
PROJECT No.	19309.05JN
SHEET NUMBER	A104

CONSULTANT:

Jensen Yorba Wall Inc.
 522 West 10th Street
 Juneau, Alaska 99801
 907.586.1070
 AEC0187

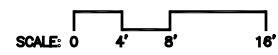
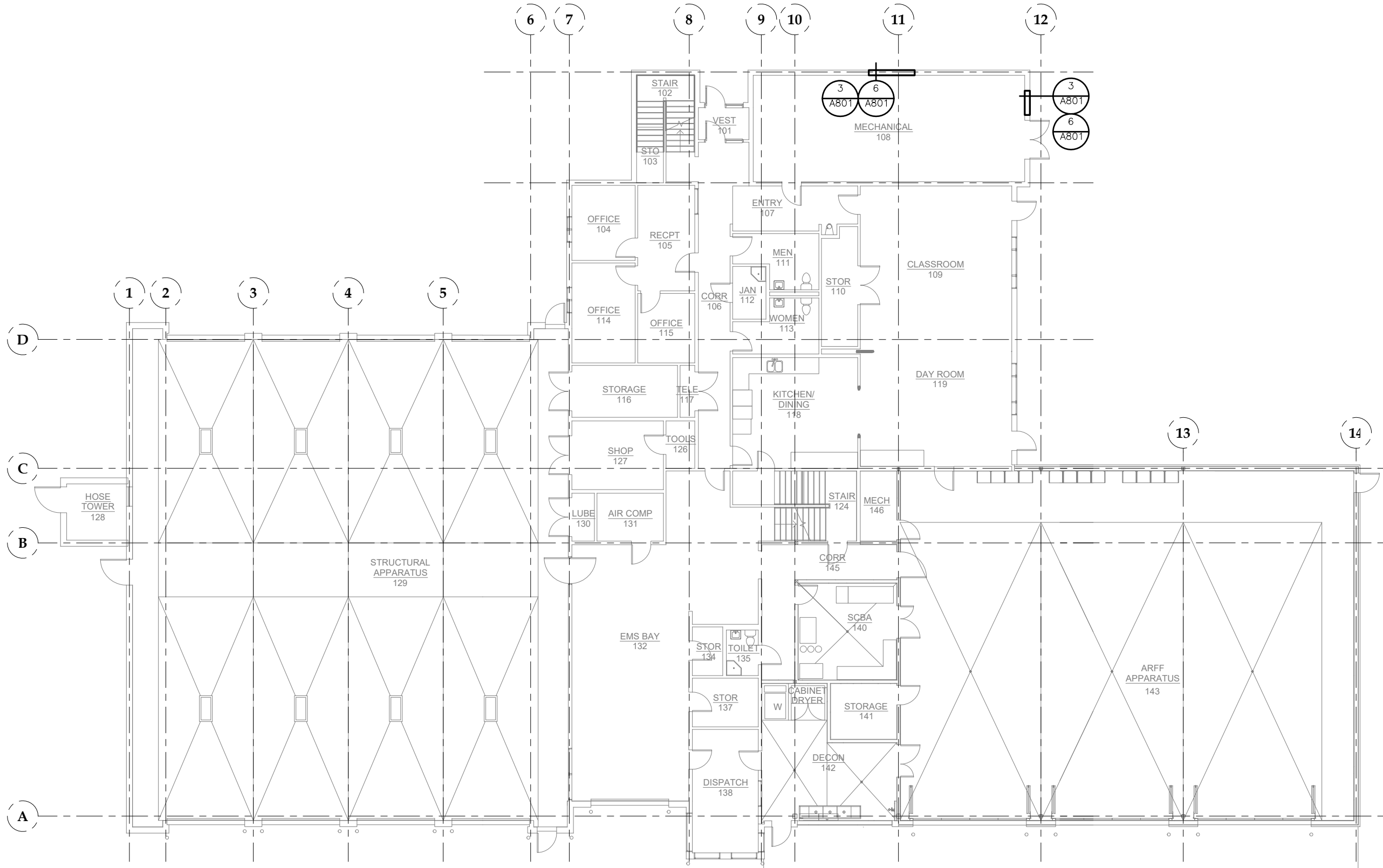


Juneau, AK
 9103 Mendota Hall Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0680
 Fax: 907.586.3771
 AEC063270

PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**


SHEET TITLE:
**FIRST FLOOR DEMO REFLECTED
 CEILING PLAN
 CONSTRUCTION DOCUMENTS**

1" IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES




No.	Date	Item

DESIGN	WJ
DRAWN	ADG
CHECKED	WJ
DATE	05/31/2022
PROJECT No.	19309.05JN
SHEET NUMBER	A201a

CONSULTANT:

Jensen Yorba Wall Inc.
 522 West 10th Street
 Juneau, Alaska 99801
 907.586.1070
 AECC187



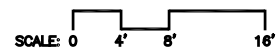
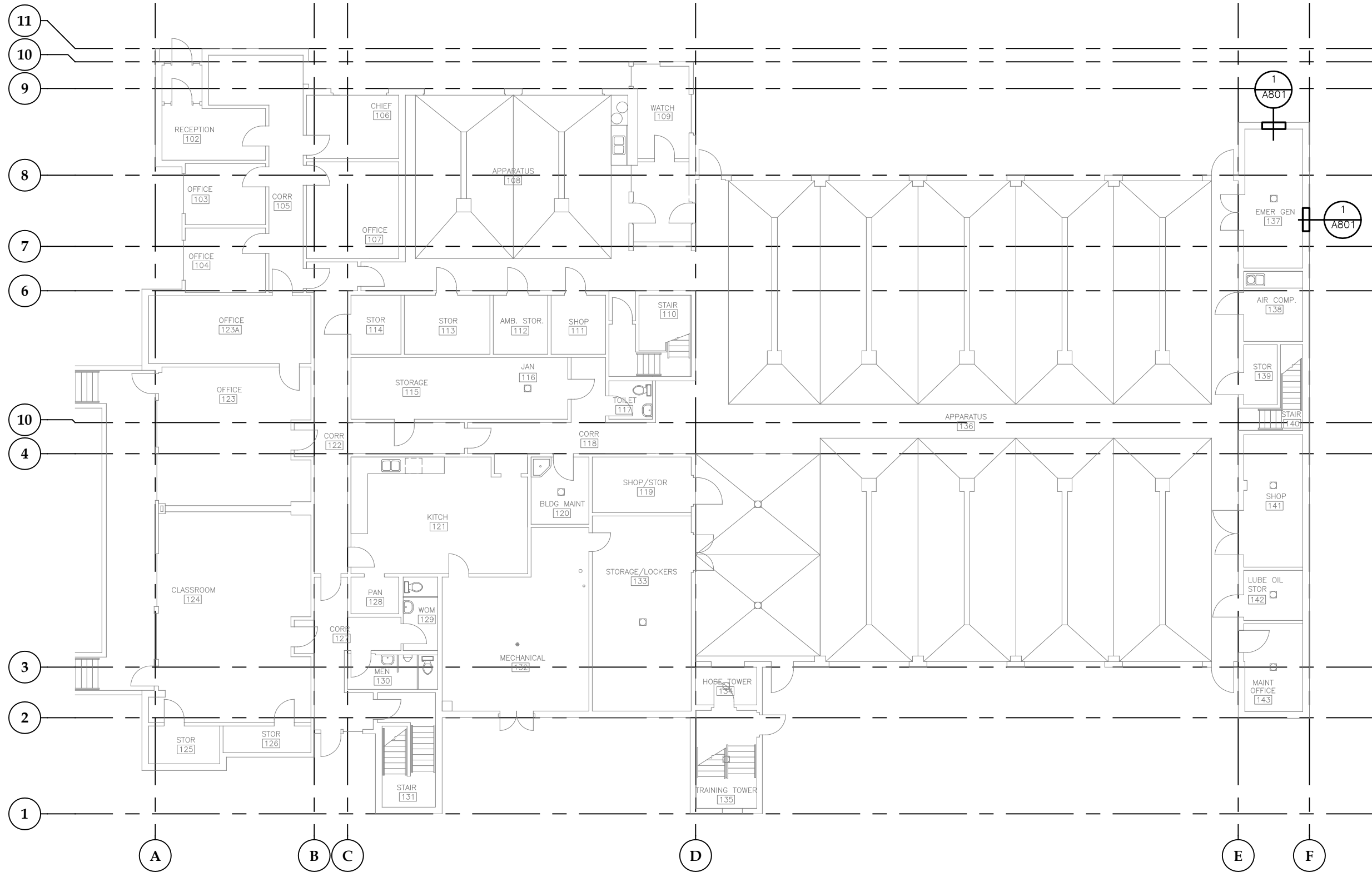
Juneau, AK
 9103 Mendota Hall Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0680
 Fax: 907.586.3771
 AECC63270



PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
FIRST FLOOR PLAN

CONSTRUCTION DOCUMENTS



No.	Date	Item

DESIGN	WJ
DRAWN	ADG
CHECKED	WJ
DATE	05/31/2022
PROJECT No.	19309.05JN
SHEET NUMBER	A201b

CONSULTANT:

Jensen Yorba Wall Inc.
 522 West 10th Street
 Juneau, Alaska 99801
 907-586-0070
 AECOC187

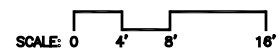
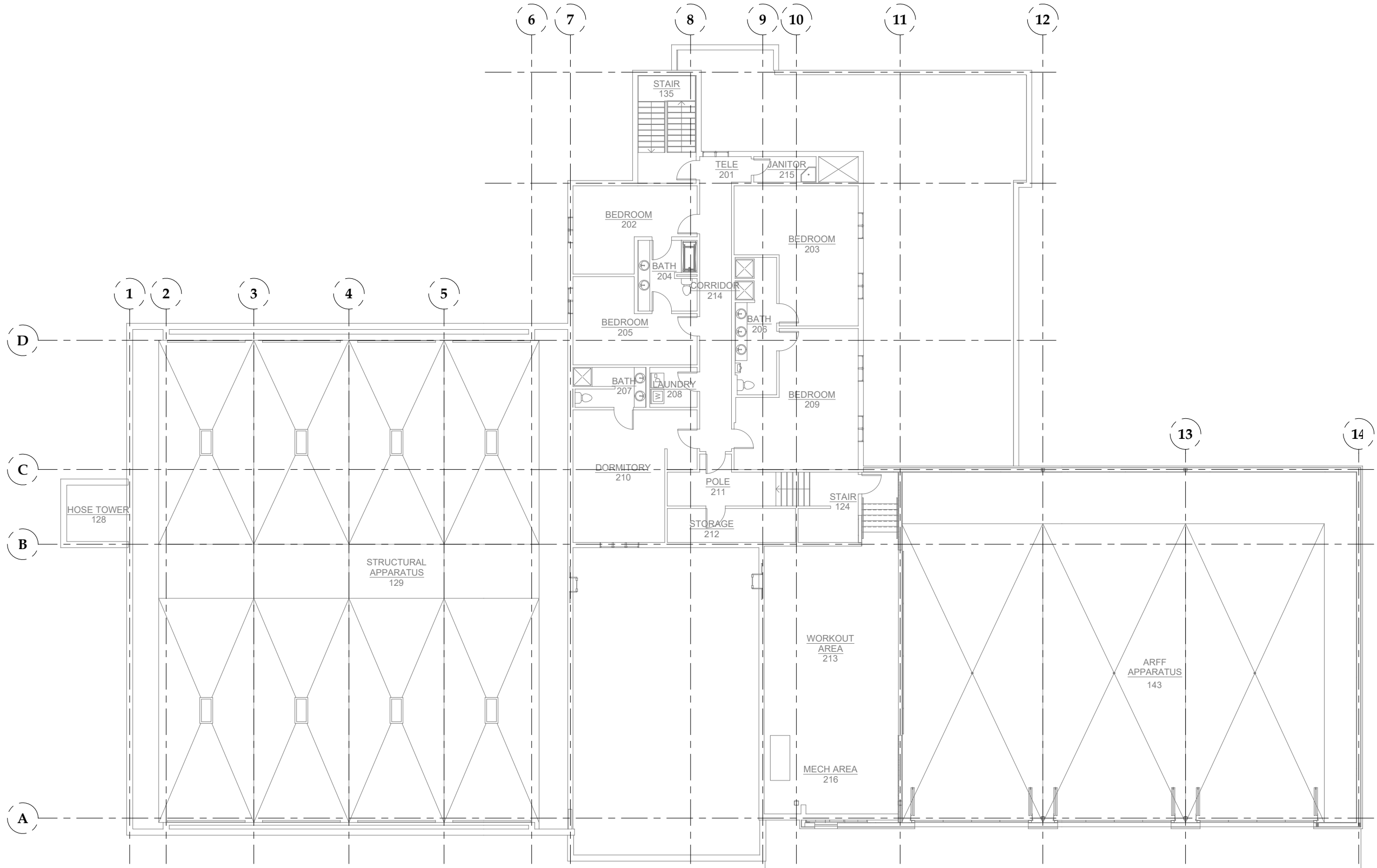


Juneau, AK
 9100 Mendota Hill Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0680
 Fax: 907.586.3771
 AECOC63270

PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
**JUNEAU FIRE STATION
 FIRST FLOOR PLAN**

CONSTRUCTION DOCUMENTS




No.	Date	Item

CONSULTANT:
Jensen Yorba Wall Inc.
 522 West 10th Street
 Juneau, Alaska 99801
 907.586.1070
 AEC0187



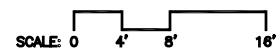
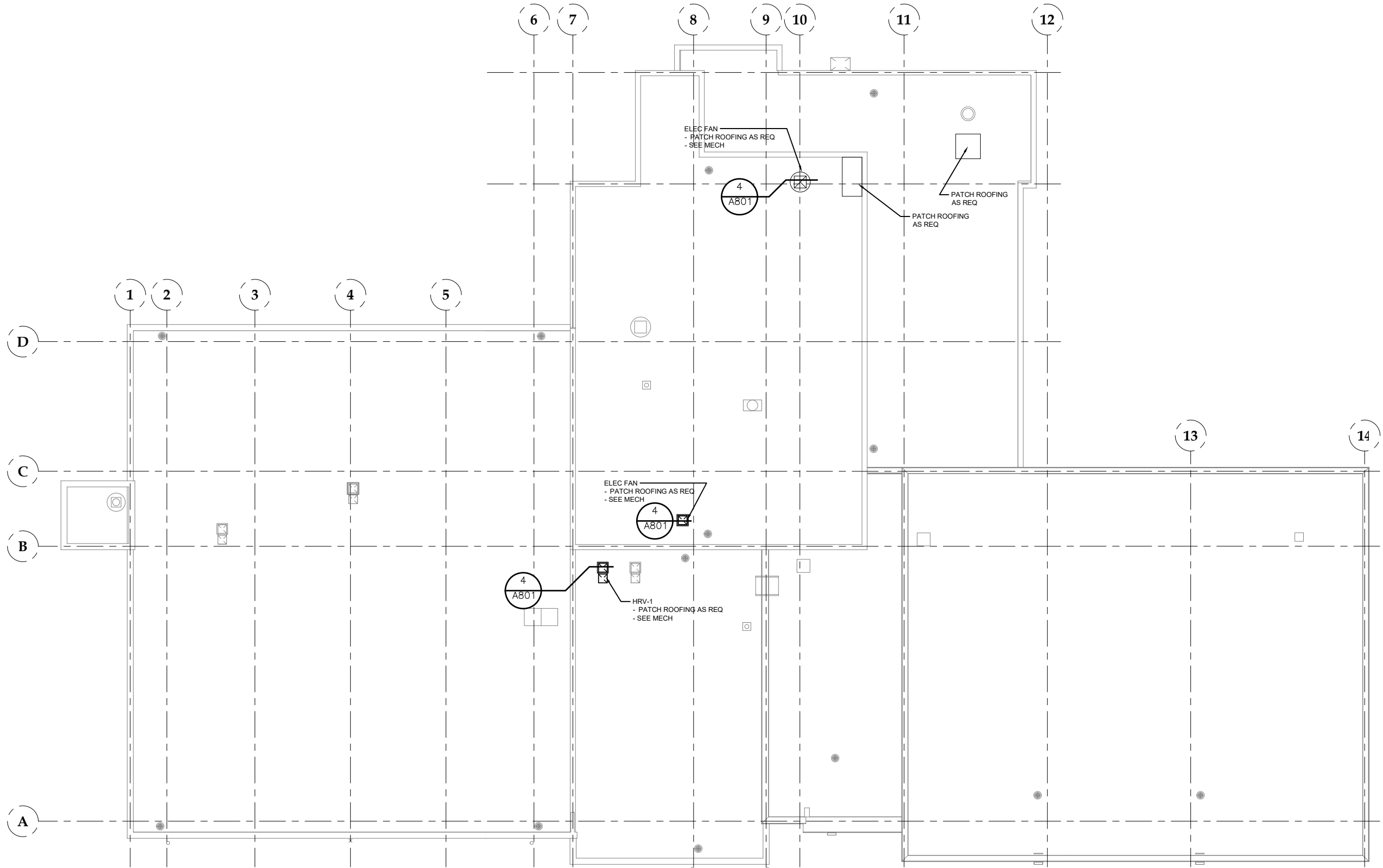
Juneau, AK
 9103 Mendota Hall Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0680
 Fax: 907.586.3771
 AEC0163270



PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
**SECOND FLOOR PLAN
 CONSTRUCTION DOCUMENTS**

DESIGN	WJ
DRAWN	ADG
CHECKED	WJ
DATE	05/31/2022
PROJECT No.	19309.05JN
SHEET NUMBER	A202



No.	Date	Item

DESIGN	WJ
DRAWN	ADG
CHECKED	WJ
DATE	05/31/2022
PROJECT No.	19309.05JN
SHEET NUMBER	A203

CONSULTANT:

Jensen Yorba Wall Inc.
 522 West 10th Street
 Juneau, Alaska 99801
 907.586.1070
 AECC1678

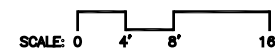
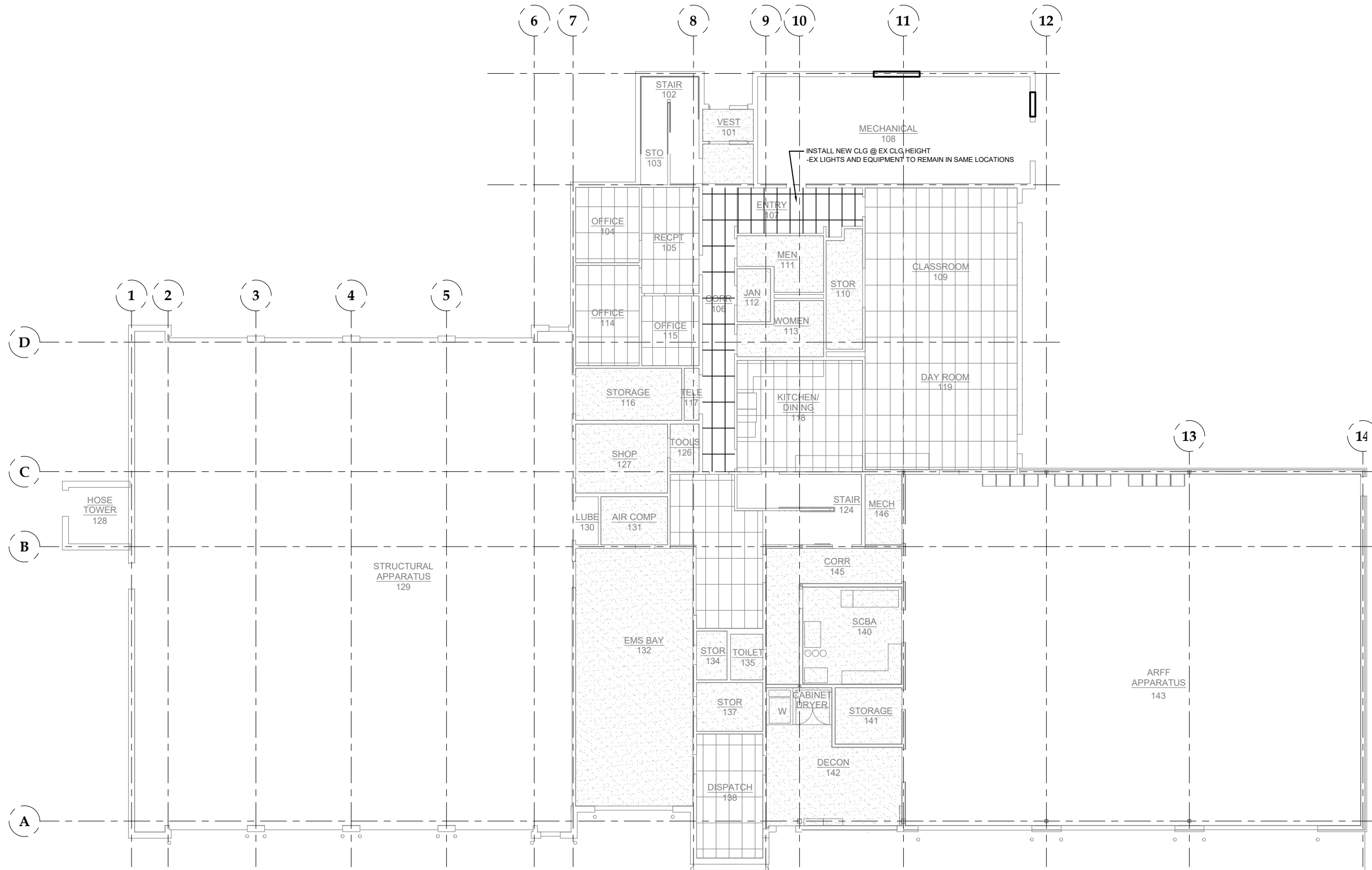


Juneau, AK
 9103 Mendota Hall Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.780.0080
 Fax: 907.586.3771
 AECC163270

PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

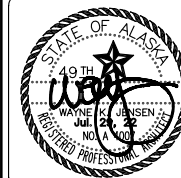
SHEET TITLE:
ROOF PLAN

CONSTRUCTION DOCUMENTS



No.	Date	Item

CONSULTANT:
Jensen Yorba Wall Inc.
 522 West 10th Street
 Juneau, Alaska 99801
 907.586.1070
 AEC0157



Juneau, AK
 9103 Mendenhall Mall Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.586.0680
 Fax: 907.586.3771
 AEC0163270



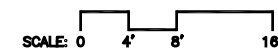
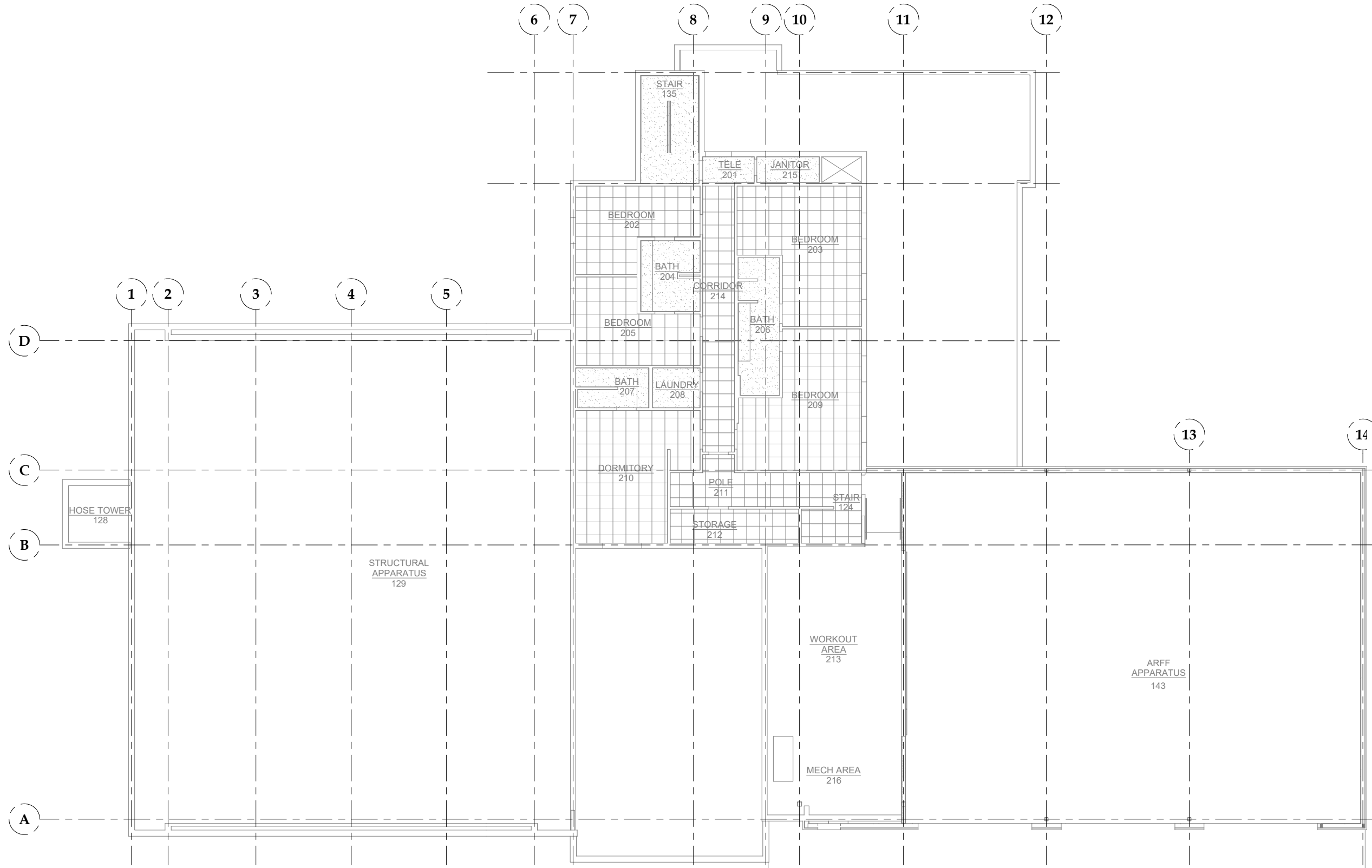
PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

SHEET TITLE:
**FIRST FLOOR REFLECTED CEILING
 PLAN**
CONSTRUCTION DOCUMENTS

DESIGN WJ
 DRAWN ADG
 CHECKED WJ
 DATE 05/31/2022

PROJECT No.
19309.05JN
 SHEET NUMBER

A601



No.	Date	Item

DESIGN	WJ
DRAWN	ADG
CHECKED	WJ
DATE	05/31/2022
PROJECT No.	19309.05JN
SHEET NUMBER	A602

CONSULTANT:

Jensen Yorba Wall Inc.
 522 West 10th Street
 Juneau, Alaska 99801
 907.586.1070
 AEC0167



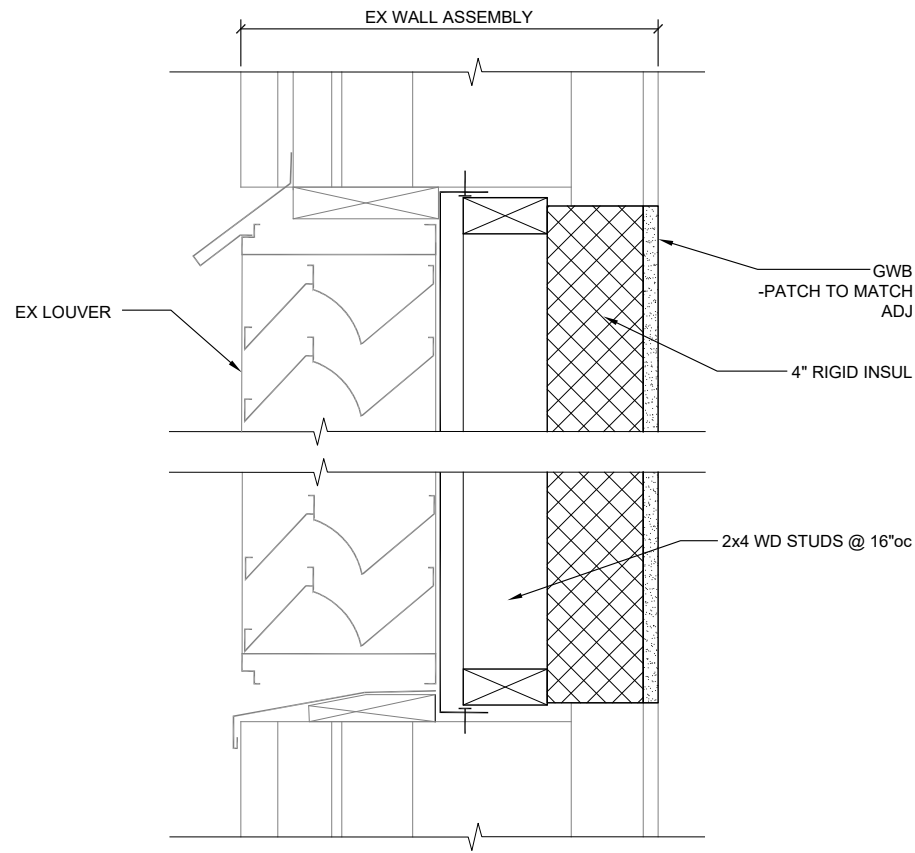
Juneau, AK
 9103 Mendota Hall Rd, Ste. 4
 Juneau, AK 99801
 Phone: 907.780.0060
 Fax: 907.586.3771
 AEC0163270

PROJECT:
**GLACIER FIRE STATION M/E
 UPGRADES AND JUNEAU FIRE
 STATION GENERATOR REPLACEMENT
 CBJ CONTRACT NO. BE22-108
 JUNEAU, ALASKA**

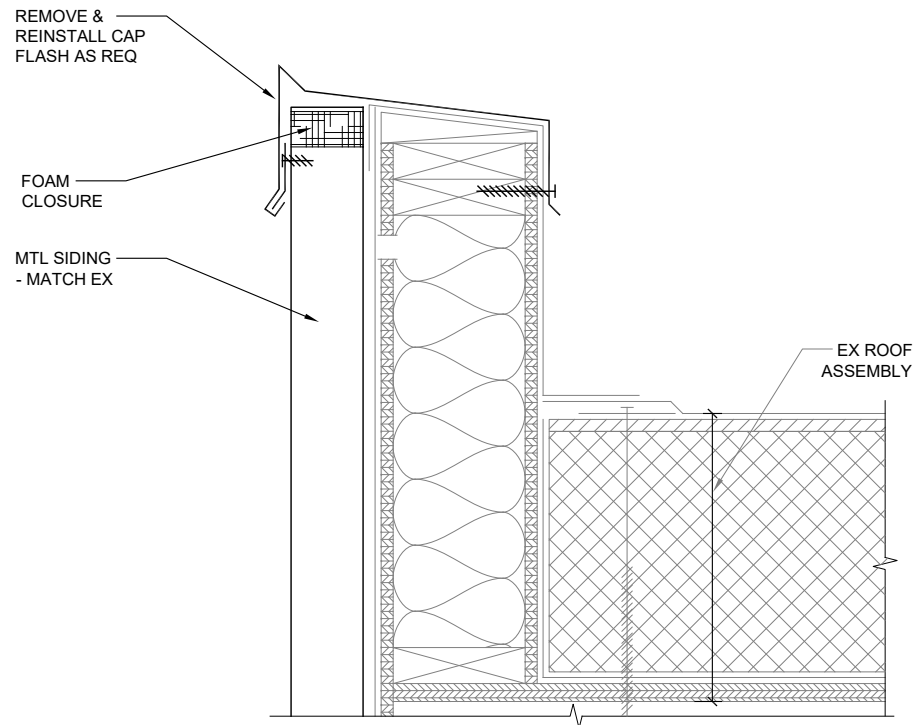
SHEET TITLE:
**SECOND FLOOR REFLECTED CEILING
 PLAN**

CONSTRUCTION DOCUMENTS

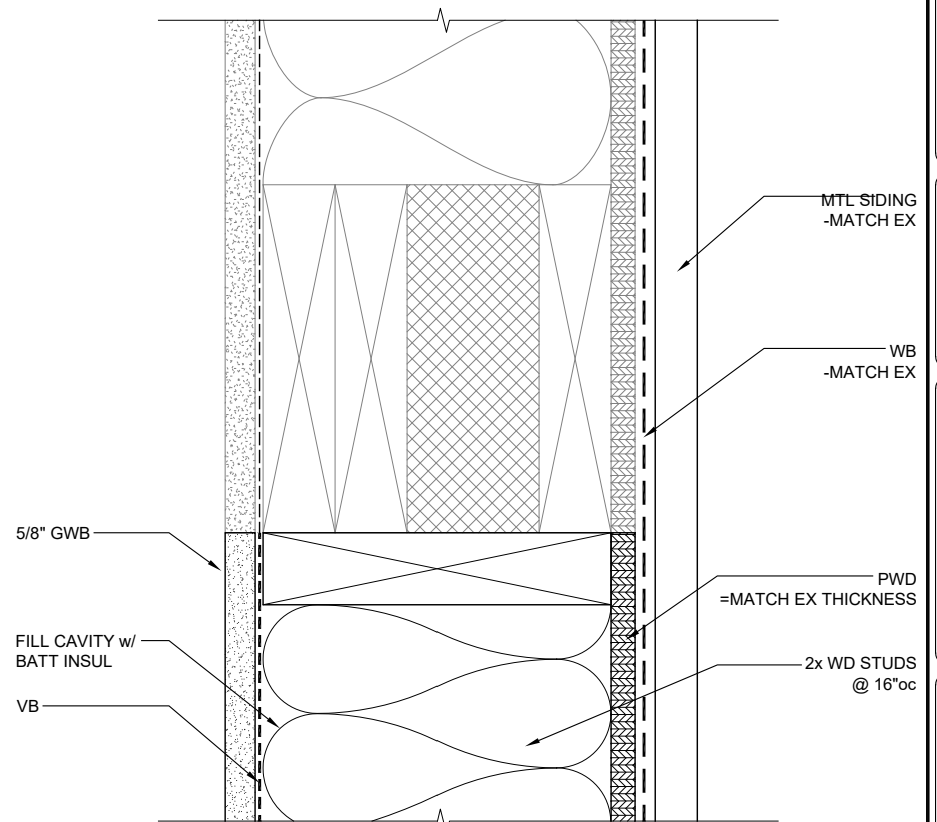
IF THIS BAR DOES NOT MEASURE EXACTLY ONE INCH, THE SCALE OF THIS DRAWING HAS BEEN ALTERED DURING ITS PRODUCTION, AFFECTING ALL LABELED SCALES



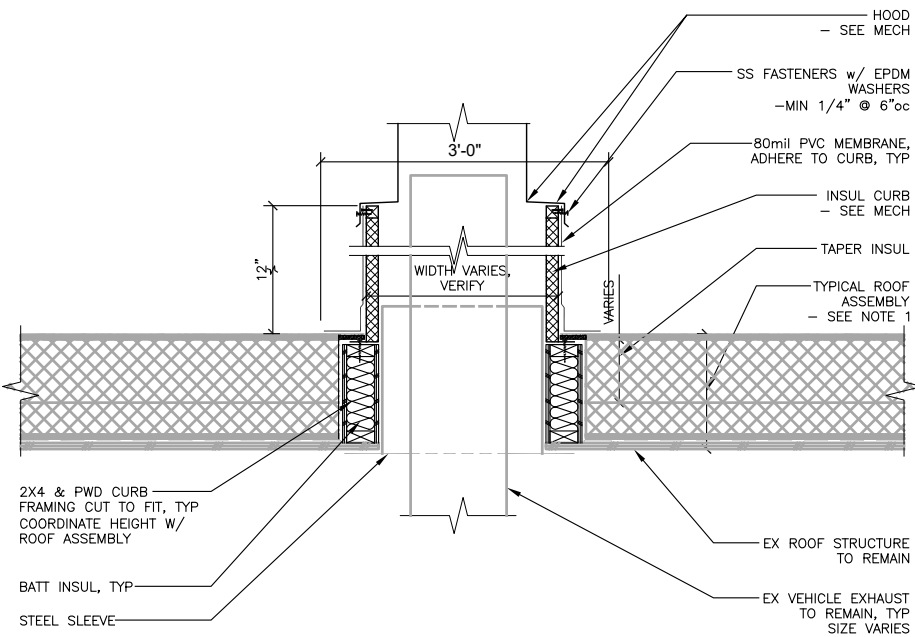
1 LOUVER CAP DETAIL
21047/A801-1 SCALE: 0 3" 6" 1"



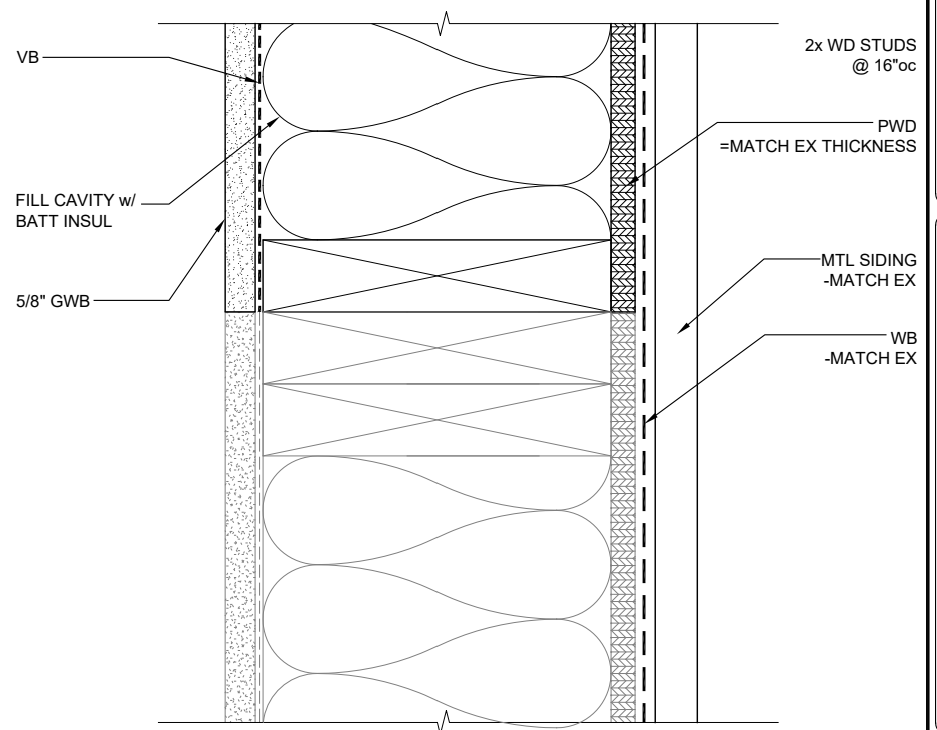
2 SIDING @ PARAPET
21047/A801-2 SCALE: 0 3" 6" 1"



3 LOUVER INFILL @ HEAD
21047/A801-3 SCALE: 0 3" 6"

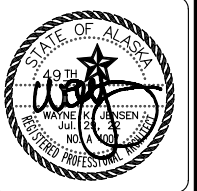


4 ROOF CURB DETAIL
21047/A801-4 SCALE: 0 6" 1" 2" 3"



6 LOUVER INFILL @ HEAD
21047/A801-6 SCALE: 0 3" 6"

CONSULTANT:
Jensen Yorba Wall Inc.
522 West 10th Street
Juneau, Alaska 99801
907-586-0770
AEC0187



Juneau, AK
9100 Mendonhall Mall Rd, Ste 4
Juneau, AK 99801
Phone: 907.780.0060
Fax: 907.586.3771
AEC0163270
RESPEC

PROJECT:
**GLACIER FIRE STATION M/E
UPGRADES AND JUNEAU FIRE
STATION GENERATOR REPLACEMENT
CBJ CONTRACT NO. BE22-108
JUNEAU, ALASKA**

SHEET TITLE:
DETAILS
CONSTRUCTION DOCUMENTS

DESIGN WJ
DRAWN ADG
CHECKED WJ
DATE 05/31/2022

PROJECT No.
19309.05JN
SHEET NUMBER

A801

No.	Date	Item

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