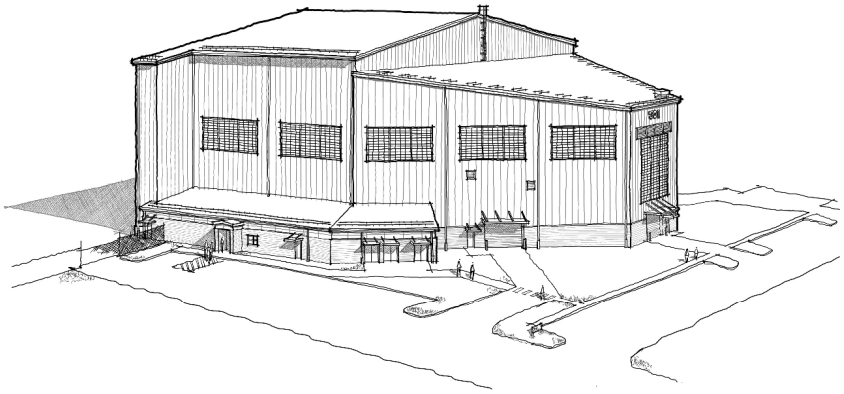
ME ANG Fuel Cell Hangar

Bangor, Maine

Project Number: FKNN159044

Exterior Finishes Package— Type B-3 Submittal

AUGUST 2025



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PART 1

EXTERIOR FINISHES NARRATIVE

EXTERIOR FINISHES NARRATIVE

DESIGN REFERENCES:

ANGETL 15-01 Air National Guard Design Policy

ANGETL 10-03 Air National Guard Design Objectives and Procedures

UFC 3-120-01 Design: Sign Standards, with Change 4

UFC 3-101-01 Architecture, with Change 4

UFC 4-211-01 Aircraft Maintenance Hangars

UFC 4-211-02 Aircraft Corrosion Control and Paint Facilities

INTRODUCTION

This project will provide a Fuel Cell Hangar for the 101st Air Refueling Wing (101 ARW) of the Maine Air National

Guard (ME ANG). The new facility will include a Hangar Bay, clean and dirty restrooms and showers, Tool Room, Supervisor's Office, Multipurpose Room which will function as both a break room and open office, and building support spaces.

COMPREHENSIVE INTERIOR DESIGN (CID)

The goal of the Comprehensive Interior Design (CID) for the new Fuel Cell Hangar is to create a safe, functional, and attractive space in which to carry out the mission of 101 ARW.

FURNITURE, FIXTURES AND EQUIPMENT (FF&E)

The FF&E package has been provided under a separate cover.

STRUCTURAL INTERIOR DESIGN (SID)

The SID package has been provided under separate cover

EXTERIOR FINISHES

The design of the project includes the selection and coordination of interior and exterior materials and finishes. These finishes have been selected from a cool, analogous color scheme compatible with the character of the surrounding facilities. Exterior finishes have been selected to match adjacent building 499. In cases where products used for building 499 are unavailable, a product that closely matches its aesthetic and performance characteristics will be specified.

All products listed in the construction documents are the basis of design. Products from other manufacturers may be substituted provided that the standard of quality and characteristics of the substituted material meet or exceed the standard of quality and characteristics of the basis of design.

- Signage

  Signage will be provided for the exterior of the building in accordance with UFC 3-120-01. Dimensional facility number signs will be provided at both the north and south facades. A freestanding, post and panel sign will be provided facing Glenn Avenue.

- Exterior Finishes

  A standing seam metal roof (SSMR) will be provided along with associated drainage products, and snow guards. Exterior finishes for the shops will be brick veneer with horizontal metal panels above, while the hangar will receive brick with vertical metal panels above. Translucent panels will be utilized at the hangar to provide daylighting. Pre-manufactured canopies will be provided at all personnel and overhead doors.

  Federal Standard colors have been used in the design documents to ensure competition is kept free and open to all qualified manufacturers. Their equivalent color names have been listed below.

Federal Standard	LRV	SRI	Applied To
#26492	47	63	Canopies SSMR Fascia Gutters Downspouts Cast Iron Boots Access Hatch
#27925	70	82	Composite Metal Panels Insulated Metal Panels Translucent Panel Frames Light Fixture Housing Louvers Flashing Soffits Personnel Door Trim
#26134	13	19	Personnel Doors Personnel Door Frames Overhead Doors Overhead Door Frames
#24158	-	-	Knox Box
#13591	-	-	Access Hatch Railing Bollards
#24081	-	-	Light Fixture Housing

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PART 2

EXTERIOR FINISH SAMPLES

Exterior Finishes

Federal Standard #26492

Federal Standard #27925

Federal Standard #26134

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PART 3
DRAWINGS

EXTERIOR FINISHES

CODE	MFR/DESCRIPTION
FACADE:	
BR-BRICK:	
BR-1	CLAY BRICK, COLOR: MEDIUM WARM GRAY, FINISH: VELOUR
CP-COMPOSITE METAL PANELS:	
CP-1	MATCH FEDERAL STANDARD #27925
IP-INSULATED METAL PANELS:	
IP-1	MATCH FEDERAL STANDARD #27925
TRANSLUCENT PANELS:	
PANELS	EXTERIOR COLOR: CRYSTAL INTERIOR COLOR: WHITE
FRAMES	MATCH FEDERAL STANDARD #27925
MUNTINS	COLOR: BLACK, PATTERN: REVERSE SHOJI
PREMANUFACTURED CANOPIES:	
	MATCH FEDERAL STANDARD #26492
EXHAUST FANS:	
	GALVANIZED STEEL
LIGHTING:	
HOUSING	MATCH FEDERAL STANDARD #24081
LOUVERS:	
	MATCH FEDERAL STANDARD #27925
ROOF:	
SSMR-STANDING SEAM METAL ROOF:	
SSMR-1	MATCH FEDERAL STANDARD #26492
FASCIA:	
	MATCH FEDERAL STANDARD #26492
SOFFITS:	
	MATCH FEDERAL STANDARD #27925
GUTTERS:	
	MATCH FEDERAL STANDARD #26492
DOWNSPOUTS:	
	MATCH FEDERAL STANDARD #26492
CAST IRON BOOTS:	
	MATCH FEDERAL STANDARD #26492
FLASHING:	
	MATCH FEDERAL STANDARD #27925
ACCESS HATCH AND RAILING:	
HATCH	MATCH FEDERAL STANDARD #26492
RAILING	MATCH FEDERAL STANDARD #13591
DOORS:	
PERSONNEL DOORS:	
LEAVES	MATCH FEDERAL STANDARD #26134
FRAMES	MATCH FEDERAL STANDARD #26134
TRIM	MATCH FEDERAL STANDARD #27925
OVERHEAD DOORS:	
PANELS	MATCH FEDERAL STANDARD #26134
FRAMES	MATCH FEDERAL STANDARD #26134
TRIM	MATCH FEDERAL STANDARD #27925
HANGAR DOORS:	
PANELS	MATCH FEDERAL STANDARD #27925
TRIM	MATCH FEDERAL STANDARD #27925
SPECIALTIES:	
SN-EXTERIOR SIGNAGE:	
SN-4	DARK BRONZE
SN-5	REFLECTIVE WHITE
BOLLARDS:	
	MATCH FEDERAL STANDARD #13591
KNOX BOX:	
	MATCH FEDERAL STANDARD #24158
FIRE DEPARTMENT CONNECTION:	
	POLISHED BRASS
FIRE DEPARTMENT HOSE CONNECTION TEST HEADER:	
	POLISHED BRASS

INTERIOR FINISHES

CODE	MFR/DESCRIPTION
FLOORS:	
E-EPOXY:	
E-1	5-COAT FUEL RESISTIVE EPOXY FLOORING, FINISH: SLIP-RESISTANT, COLOR: MEDIUM GRAY
E-2	FLECKED EPOXY FLOORING, COLOR: GRAY WITH GREEN AND WHITE CHIPS
LIN-LINOLEUM:	
LIN-1	SHEET LINOLEUM FLOORING, COLOR: MEDIUM GRAY
SDV -STATIC DISSIPATIVE VINYL TILE:	
SDV-1	STATIC DISSIPATIVE VINYL FLOOR TILE FLOORING, COLOR: BEIGE WITH BLUE VEINING, SIZE: 24" x 24"
SC-SEALED CONCRETE	
SC-1	SEALED CONCRETE
EM-ENTRANCE MAT:	
EM-1	RECESSED ALUMINUM GRID ENTRY MAT WITH CARPET INSERTS, COLOR: CHARCOAL
WALLS:	
P-PAINT:	
P-1	WALL PAINT / COOL WHITE
P-2	SHERWIN WILLIAMS / SW6176 LIVEABLE GREEN
P-3	SHERWIN WILLIAMS / SW7044 AMAZING GRAY
P-4	WALL PAINT / COOL LIGHT GRAY
T-TILE:	
T-1	SLATE-LOOK WALL TILE, COLOR: DARK GREEN, SIZE: 12" x 12", INSTALLATION: STACK BOND, GRT-1
T-2	SLATE-LOOK MOSAIC WALL TILE, COLOR: BEIGE/RED/GREEN/BLACK, SIZE: 4" x 12", GRT-1
T-3	SLATE-LOOK WALL TILE, COLOR: DARK GREEN, SIZE: 3" x 3", INSTALLATION: STACK BOND, GRT-1
TE-TILE EDGING:	
TE-1	COVE PROFILE, FINISH: SATIN NICKEL ANODIZED ALUMINUM
TE-2	RADIUS PROFILE, FINISH: SATIN NICKEL ANODIZED ALUMINUM
GRT-GROUT:	
GRT-1	EPOXY GROUT, COLOR: BEIGE
RB-RESILIENT WALL BASE:	
RB-1	RUBBER WALL BASE WITH TOE, COLOR: CHARCOAL, HEIGHT: 6"
FRP-FIBERGLASS REINFORCED PLASTIC:	
FRP-1	FIBERGLASS REINFORCED PLASTIC WALL PANEL, COLOR: LIGHT GRAY, TEXTURE: PEBBLE EMBOSSED
COUNTERTOPS & WINDOW SILLS:	
SSM-SOLID SURFACE MATERIAL:	
SSM-1	SOLID SURFACE, COLOR: BEIGE, PATTERN: VEINED WITH MEDIUM PARTICULATES
MILLWORK:	
PLAM-PLASTIC LAMINATE:	
PLAM-1	WOODGRAIN PLASTIC LAMINATE, COLOR: COOL BROWN, FINISH: FINE GRAIN
SHOWER STALL SURROUND:	
SSM-SOLID SURFACE MATERIAL:	
SSM-2	SOLID SURFACE, COLOR: WHITE, PATTERN: SMALL PARTICULATES
CEILINGS:	
ACT-ACOUSTICAL CEILING TILE:	
ACT-1	ARMSTRONG / ULTIMA HIGH NRC SQUARE LAY-IN, SIZE: 24" X 24"
P-PAINT:	
P-5	CEILING PAINT / COOL WHITE

CODE	MFR/DESCRIPTION
WINDOWS:	
GLAZING	COLOR: CLEAR
WINDOWS FRAMES:	
P-6	FRAME PAINT, COLOR: DARK WARM GRAY
DOORS:	
METAL	MATCH P-6
DOOR FRAMES:	
METAL	MATCH P-6
RAMPS:	
RAILINGS:	
P-7	RAILING PAINT, COLOR: BRIGHT YELLOW
SPECIALTIES:	
SST-STAINLESS-STEEL FLOOR SINK:	
SST-1	FLOOR MOUNTED MOP SINK WITH DROP FRONT, COLOR: STAINLESS-STEEL, SIZE: 24" x 24"
CG-CORNER GUARDS:	
CG-1	STAINLESS STEEL CORNER GUARDS, SIZE: 2"W x 48"H
TP-TOILET PARTITIONS:	
TP-1	HDPE PARTITIONS, FLOOR-MOUNTED OVERHEAD BRACED, COLOR: DARK GREEN
TP-2	HDPE PARTITIONS, FLOOR-MOUNTED OVERHEAD BRACED, COLOR: MEDIUM GRAY
UP-URINAL PARTITIONS:	
UP-1	MATCH TP-1
UP-2	MATCH TP-2
LOCKERS:	
LD	DOUBLE-TIER WARDROBE LOCKER, SIZE: 18"W x 24"D x 72"H, COLOR: LIGHT GRAY
LOCKER BENCHES:	
LB	LOCKER BENCH WITH SOLID WOOD TOP AND STAINLESS STEEL PEDESTALS, SIZE: 36"W
ROLLER WINDOW SHADES:	
RS	MANUAL ROLLER SHADE, FABRIC: TIGHT WEAVE, COLOR: CHARCOAL, 3% OPEN
SN-INTERIOR SIGNAGE:	
SN-1	INTERIOR SIGN / CHARCOAL
SN-2	INTERIOR SIGN / BEIGE
SN-3	INTERIOR SIGN / SATIN ALUMINUM

GENERAL SHEET NOTES

1. COLORS LISTED ARE FOR COLOR IDENTIFICATION PURPOSES ONLY. THIS LISTING IS NOT INTENDED TO LIMIT SELECTION OF SAME QUALITY AND SIMILAR COLORS, TEXTURES, AND PATTERNS FROM OTHER MANUFACTURERS
2. PROVIDE COLOR AND FINISH SAMPLES OF ALL EXTERIOR FINISH MATERIALS TO MAINE AIR NATIONAL GUARD 101 CES FOR FINAL APPROVAL PRIOR TO ORDERING OR INSTALLING
3. INSTALL TILE AT MINIMUM JOINT WIDTHS RECOMMENDED BY MANUFACTURER
4. INSTALL CG-1 CORNER GUARDS ABOVE SCHEDULED WALL BASE AT ALL EXPOSED OUTSIDE GYPSUM WALL BOARD CORNERS

AIR NATIONAL GUARD

OTIE MERRICK JOINT VENTURE

BLAIRREMY ARCHITECTS

B-3 SUBMITTAL

LICENSED ARCHITECT DAVID WILLIAM REMY No. ARC5658 STATE OF MAINE

MARK	DATE	DESCRIPTION	BY

MAINE AIR NATIONAL GUARD, BANGOR, ME

MEANG FUEL CELL HANGAR

FINISH MATERIALS LIST

PROJ: FKNN159044
DESN: D.CAVIN
DRWN: L.PENDERGRAFT
CHKD: C.SEGHI

AF001

SHEET: OF

Bar measures 1 inch, otherwise drawing is not to scale