

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE <b>J</b>		PAGE 1 OF PAGES 6	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 7-June-2022		4. REQUISITION/PURCHASE REQ. NO.		PROJECT NO. (If applicable)	
6. ISSUED BY NAVFACSYSCOM MID ATLANTIC CONTRACTING CORE 9324 VIRGINIA AVENUE NORFOLK VA 23511-3095				Code N40085		7. ADMINISTERED BY (If other than item 6.)  <b>See Item 6</b>	
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)				<input checked="" type="checkbox"/>		9A. AMENDMENT OF SOLICITATION NO. <b>N4008522R2571</b>	
				<input checked="" type="checkbox"/>		9B. DATED (SEE ITEM 11) 10-May-2022	
				<input type="checkbox"/>		10A. MODIFICATION OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended <input checked="" type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (if required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
<input type="checkbox"/>		A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14. ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
<input type="checkbox"/>		B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATION CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103 (b).					
<input type="checkbox"/>		C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
<input type="checkbox"/>		D. OTHER: (specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not <input type="checkbox"/> is required to sign this document and return    copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  <b>P485 DESIGN BID BUILD, F35 SUPPORT CENTER, MARINE CORPS AIR STATION BEAUFORT, SOUTH CAROLINA</b>   See Continuation Page							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
15B. CONTRACTOR/OFFEROR (Same as Item 8)  _____ (Signature of person authorized to sign)		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED	

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

CONTINUATION SHEET

DOCUMENT 00 01 15 LIST OF DRAWINGS

1.2 CONTRACT DRAWINGS

NAVFAC Dwg. Nos. 12854041 and 12854046 are revised as of May 31, 2022. These revised drawings accompany this amendment.

DOCUMENT 00 01 15 LIST OF DRAWINGS

1.2 CONTRACT DRAWINGS

NAVFAC Dwg. Nos. 12854034, 12854042, 12854094 and 12854095 are revised as of June 6, 2022. These revised drawings accompany this amendment.

The purpose of this amendment is to address Pre Proposal Inquiries and incorporate the following revisions to the General Requirements and Statement of Work:

Reference			Question	Response
Page	Section	Paragraph		
49	01 30 01.00 22	1.4.4 a/b	The instructions for the FF&E refer several times to "incorporation and responsibility for owners existing FF&E" and that a list will be supplied of existing items that are intended to be incorporated. Nothing is listed that I can find. IF101- pgs 4 -8 of the Signage Section Drawings does not show any notes about existing furniture. <b>Is there an "Existing Product" list so that we can see the scope of that product ?</b> If not, we will assume the only FF&E is what is shown on Drawings IF101-4 through IF101-B2. Thank you!	There will not be any "existing FF&E" to be incorporated into this project.
5	RFP	4	The RFP instructions state Non-Cost/Price Factors Proposal to be submitted with Price Proposal. I do not see any instructions for a Non-Cost/Price Factors Proposal. Is a Non-Cost/Price Factors Proposal to be submitted?	There are no Non-Cost Factors for this procurement.

DWG CG-001			Drawing CG-001 indicates a pre-loaded area that includes a small area of the foundation. The foundation as shown on SB-101 appears to be a pile supported, structural slab. Is pre-loading required for the area of the building shown or can it be limited to the area requiring concrete pavement?	Preloading is required as indicated.
	01 35 13		Spec. 01 35 13 Special Project Procedures requires FAA notification/possible permit due to the close proximity to the flight line. Has the government notified the FAA of this project and will an FAA permit be required?	We will not need to notify the FAA or receive any FAA permits/approvals as this project is not impacting the flight line. This project is not affecting clear zones or imaginary surfaces. All FAA communications will be performed by the Airfield Manager (GySgt Townsend 843-228-6316).
	01 35 13	3.1.2	Contractor FAA Notification paragraph states that the contractor must submit FAA Form 7460-1 directly to the FAA a minimum of 60 calendar days prior to the start of work and does not specify how long it will take the FAA to provide a response regarding a permit. If the FAA form is submitted the day of award, which is unlikely, there is a minimum of 60 days (2 months) of lost time before work can start. Please consider extending the CCD to accommodate for the loss of up to 2 months of construction duration.	We will not need to notify the FAA or receive any FAA permits/approvals as this project is not impacting the flight line. This project is not affecting clear zones or imaginary surfaces. All FAA communications will be performed by the Airfield Manager (GySgt Townsend 843-228-6316).
	01 35 26	1.7.1.1	Governmental Safety Requirements state that the SSHO may serve as the Superintendent or QCM. Will the government require two individuals to serve the three positions, or may the contractor use a single, qualified individual to serve as the Superintendent, SSHO, and QCM?	Two persons required. We will require two persons to fill the three positions.
	General Requirements	Time for Completion	The General Requirements indicate 365 days for the project completion. We strongly feel that the time for completion is inadequate for the scope of work. After submittals are reviewed/approved (2 - 2.5 months) and 1 month for testing and closeout, the 9 remaining months seems very restricted for a site with extensive barriers, dewatering, water treatment, contaminated soils, concrete piles, and precast walls. Please consider adding 120 days to the Period of Performance.	Time for completion has been changed to 575 days.

	07 05 23		Spec. 07 05 23 stipulates that the contractor must test the air barrier system for air tightness. However, per UFC 3-101-01 all hangar bays, maintenance bays, or similar areas are only required to be inspected and not tested. With the intended use of the facility and the four overhead coiling doors, this facility appears to only require inspection and not testing. Reference Chapter 3, Para. 3-6.3 of UFC 3-101-01. Please confirm that this facility will require air barrier inspection only.	Correct, only inspections of the barrier system are required and not testing per UFC 3-101-01. Spec section 07 05 23 and sheet AE471 and AE472 will be amended.
DWG AE-471			Drawing AE-471, Detail B1 indicates an Air Control Layer, Vapor Control Layer, and Precipitation Control Layer. These items have not been used in precast products before. Please provide more information on what these products are and if they are necessary.	These are not separate materials, but functions created by the precast materials per the PCI standard details for precast. Sheet AE471 and AE472 will be amended for additional clarifications.
3 of 21	General Requirements	Time for Completion	PPI #01 - The 365 days specified for completion of this work is insufficient. There is very restricted access to the jobsite, the site is tight and obstructed. It is estimated an extra 30 days will be needed until surcharge, 75 days surcharge, 15 extra days for concrete pilings, 30 days for pile caps/ grade beams/ column piers, 15 days for SOG, 30 days for structural steel, and 15 days for concrete panels. Can 210 additional days be added to CCD?	Time for completion has been changed to 575 days.
DWG C-003 AND C-004	Temp office Trailer		The location shown on C-003 for the contractor trailers is about a mile away from the jobsite. Can the temporary office trailer be placed at the jobsite?	No, given the extremely tight site conditions we would recommend locating the construction trailer off site.
DWG C-003 AND C-004	Laydown Area		The work site is very tight without sufficient area for material laydown. Is there an area in close proximity inside the perimeter security fence available for material laydown?	No, there is no available area within the level 2 secure area for material laydown. We are requiring the encaving of the construction site with a temporary level 2 fence to eliminate the need for construction workers to secure a level 2 access.
DWG C-004	Work Vehicle		DWG C-004 provides access location for Temp. Const. Personnel Access Gate and material delivery truck gates. Trucks will be escorted to jobsite by gov. personnel during travel through the restricted area. Contractor work trucks are needed on jobsite during each work shift. What are the access requirements for these contractor vehicles?	We are requiring the encaving of the construction site with a temporary level 2 fence to eliminate the need for construction workers to secure a level 2 access. The enclave access will be through the existing parking lot/loop (building 2146). This will allow contractors to access the construction site from the unrestricted area.

DWG C-004 and CD101	Work Area Description		DWG CD-101 shows a limited area of disturbance that is smaller than the area bounded by the JB and temp. truck access gate on DWG C-004. Which drawing is correct in its description of the area of work.	Will clarify by amendment.
DWG AE202 and AE601	Translucent Panel Specification		The translucent panels detailed on AE 601 appear misdescribed on AE202 as Section 74213 - Metal Wall Panels. Request specification for translucent panels.	The translucent panel system is provided by the metal panel manufacturer as a system which is why it is included in the metal panel section.
			Is this project going to be phased or can we install the flooring at one time.	There will not be any phasing for this project. It is the contractors responsibility to install the flooring. Installing the flooring at one time may provide a better end product.
			Who will be responsible for protecting the floors after the resinous flooring is installed.	Contractor.
			Will background checks be required.	Yes, background checks will be required for all persons working on this project.
			Will the concrete sub be responsible for any necessary sloping.	Contractor means & methods.
			What will the work hours be for the project.	A/E Response: Refer to Spec Section 01 14 00.
			When would be needed to install the flooring.	Contractor means and methods. Typically flooring is installed toward the end of the construction to minimize the need for protection.
3 of 21	MACC_Gen requirements		Project time for completion for task order is 365. We don't think that is enough for this effort, in particular considering all the design requirements added to the KTR, such as dewatering plan, shoring and sheeting plan, soil consolidation time of minimum 75 days, power system coordinated design, etc. We think a minimum project completion of 540 days would be more in line. Please consider this request.	We will prepare an amendment extending time for completion to 575 days.
	05 40 00	1.6.1	Drawing SF101, SF401, SF501 and SF502 show member size and connections for the steel portion of this project. Spec section 05 40 00 Par. 1.6.1 request Metal frame calculations stamped by a PE. Are these calculations to double check existing drawings? Please clarify.	Per the Cold Formed Metal Framing Notes (S-002), Delegated Design Notes (S-002), and the Specifications, the design of the cold formed metal framing is a delegated design. PE Sealed Calculations are required for the cold formed metal design as part of the delegated design. Details on the contract drawings are schematic and do not represent a complete and final design. Contractor must submit a complete design per the contract documents.

	26 28 01.00 10	2.5	Specification calls for a load flow, fault current analysis as well as protective device coordination study to be stamped a by PE. This project only involves two Panelboards fed out of an existing breaker on SW 2146. Breakers type for the panelboards are to be Thermal Magnetic with a minimum AIC rating as shown on drawings. With that said, except for breaker on SW 2146, no adjustment will be applicable. Please clarify is this requirement applies to this project.	This is required because we cannot specify the manufacturer of the new panels and breakers. It is to ensure the contractor provides breakers that can coordinate with the upstream breakers.
61 of 129 AE111	10 90 00.00 50	1.3	Drawing AE111 shows four ceiling fans, but we do not see those listed as equipment to be furnished under the mechanical or electrical drawings. In addition to this, Specification 10 90 00.00 50 indicated to take fiel measurement prior to preparation of drawings and fabrication. Can you please clarify if KTR is to furnish these fans? If we are to furnish, can you please indicate the basis of design?	Per Spec Section 10 90 00.00 50, the basis for the ceiling fan is provided under Part 2, Section 2.1. The ceiling fan is part of the building system to be provided and installed by Contractor. For additional clarity, the ceiling fan is not a high volume low speed fan. This is a standard commercial grade ceiling fan.
109 of 129			Only one thermostat is show to control all of the radiant gas heaters. Based on our experience working on buildings like this, that is not a very efficient way. Normally, RGH will be independently controlled. Please clarify.	Based on the 24/7 operation of the ventilation fans and the limited size of the facility, there will not be thermal zones within the space. Therefore all heaters are controlled from one centrally located temperature sensor. This control strategy has been coordinated with multiple manufacturers.
207	01 33 29		Sustainability Documents reference ATFP standards, we did not see any reference on the drawings (ie : motorized dampers emergency shut off). Please clarify if ATFP standards will be applied to this project. IF they do apply, please clarify how to proceed for bid purposes.	Please clarify document location of PPI reference. Please note the project is classified as unoccupied due to the nature of the use (warehouse) which is exempt from some AT/FP requirements. However, the project is fully compliant with the UFC AT/FP criteria where required and shown in the documents.

## GENERAL REQUIREMENTS

### Period of Performance for Preconstruction Services:

From: **Time for Completion:** In accordance with FAR 52.211-10 Commencement, Prosecution, and Completion of Work, the duration of this task order shall be 365 calendar days from date of award (includes 15 calendar days for submission and approval of bonds and insurance).

To: **Time for Completion:** In accordance with FAR 52.211-10 Commencement, Prosecution, and Completion of Work, the duration of this task order shall be **575** calendar days from date of award (includes 15 calendar days for submission and approval of bonds and insurance).

(End of Summary)

CONTINUATION SHEET

**DOCUMENT 00 01 15 LIST OF DRAWINGS**

1.2 CONTRACT DRAWINGS

NAVFAC Dwg. Nos. 12854041 and 12854046 are revised as of May 31, 2022. These revised drawings accompany this amendment.







C



A



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## 3

- 3



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- (B4)

1



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- 1

A







1

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3

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D

C

B

A

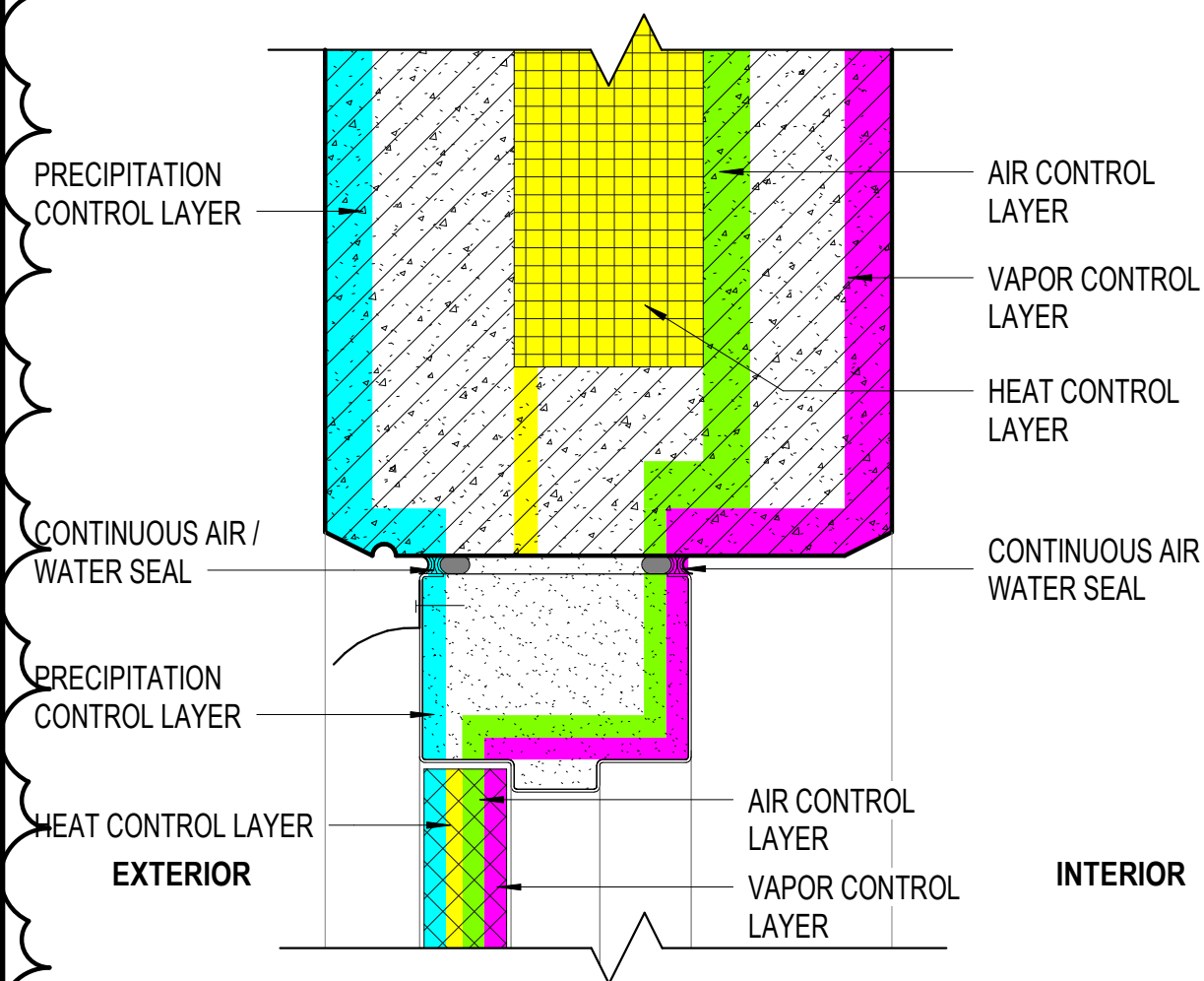
D

C

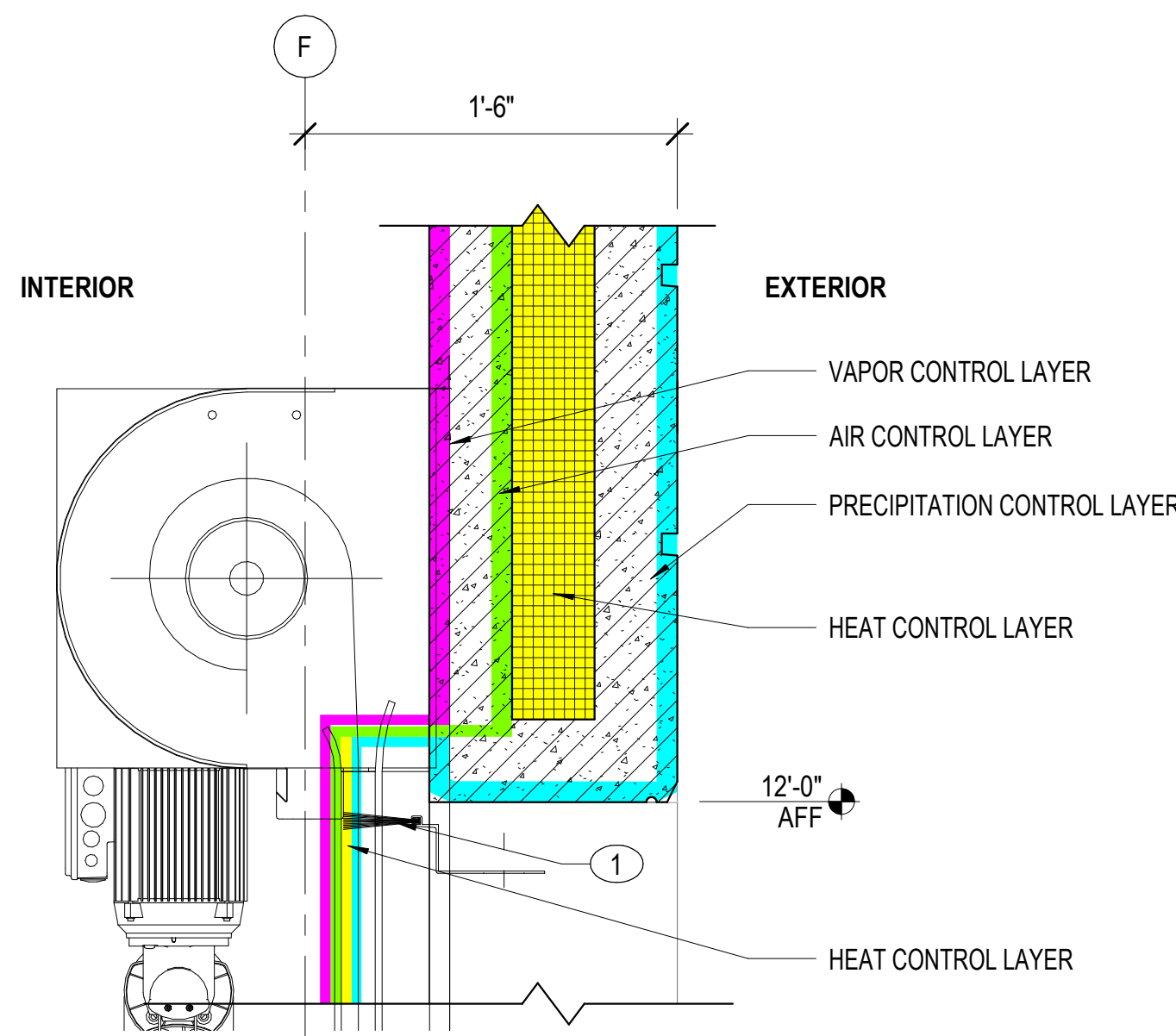
B

A

D1 BARRIER LAYER DIAGRAM - DOOR JAMB  
NOT TO SCALE

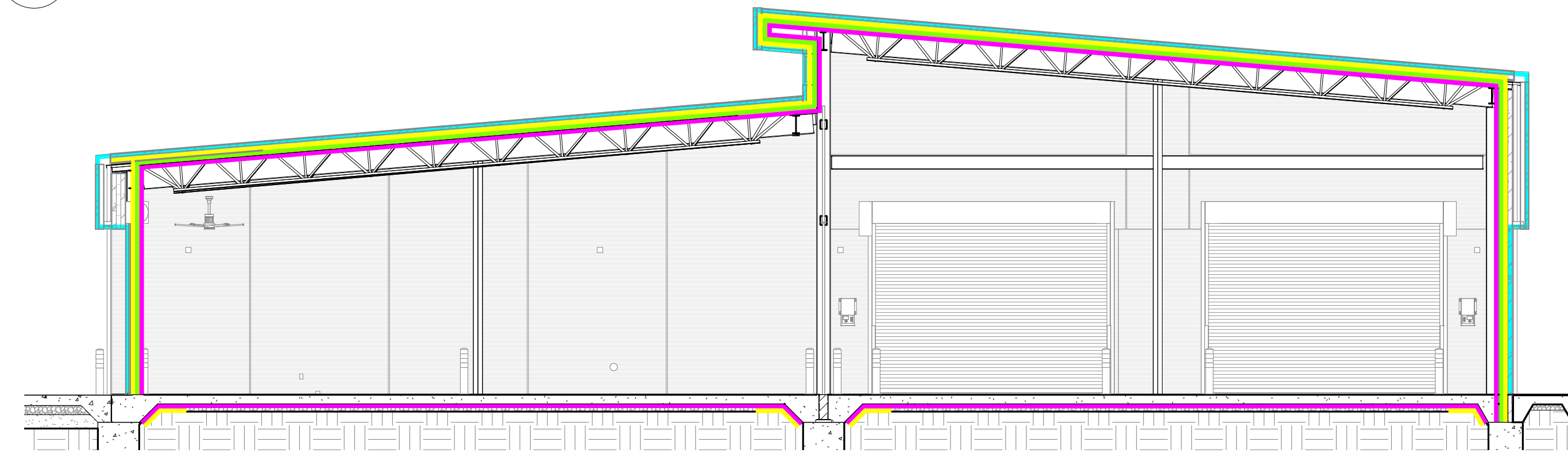


B1 BARRIER LAYER DIAGRAM - DOOR HEAD  
NOT TO SCALE



A1 BARRIER LAYER DIAGRAM - DOOR HEAD  
NOT TO SCALE

B2 AIR BARRIER DIAGRAM - FLOOR PLAN  
1/8" = 1'-0"



A2 AIR BARRIER DIAGRAM  
1/8" = 1'-0"

NOTES:

SHEET NOTES:

- A REFER TO SHEET AE001 FOR GENERAL ABBREVIATIONS AND ARCHITECTURAL SYMBOLS.
- B PROVIDE A CONTIGUOUS AND CONTINUOUS AIR BARRIER ACROSS THE ENTIRE BUILDING ENVELOPE AND ENSURE AIR BARRIER IS IN FULL CONTACT WITH CONTINUOUS INSULATION.
- C FULLY SEAL ALL SEAMS, GAPS, AND PENETRATIONS IN THE AIR BARRIER.
- D THE OPERATION SUPPORT FACILITY (OSF) SPACE ONLY REQUIRES AIR BARRIER SYSTEM INSPECTION PER UFC 3-101-01, CHAPTER 3, SECTION 3-6.3. THE OSF IS CLASSIFIED AS A SEMI HEATED, WAREHOUSE FUNCTION.
- E PRIMARY EXTERIOR WALL IS A MASS WALL COMPOSED OF AN INSULATED PRECAST SYSTEM. THE WALL DEPTH IS 12 INCHES (4 INCH PRECAST+ 4 INCH RIGID INSULATION+ 4 INCH PRECAST). INSULATED PRECAST WALL SYSTEM IS CONSIDERED A BARRIER OF FACE-SEALED SYSTEM.
- F PROVIDE FLUID-APPLIED MEMBRANE AIR BARRIER/VAPOR RETARDER (072726.A01) AT EXTERIOR WALLS. APPLY AIR BARRIER TO EXTERIOR FACE OF GLASS-MAT EXTERIOR SHEATHING. REFER TO SHEET SERIES AE500 FOR EXTERIOR DETAILS.
- G PROVIDE HIGH-TEMPERATURE UNDERLAYMENT (076115.V01) AT SLOPED, STANDING SEAM METAL ROOF TO SERVE AS AN AIR BARRIER. REFER TO SHEET SERIES AE500 FOR EXTERIOR DETAILS.
- H WRAP AIR BARRIER INTO DOOR, LOUVER, AND TRANSLUCENT WINDOW OPENINGS. REFER TO SHEET AE621 FOR EXTERIOR DOOR DETAILS AND SHEET AE622 FOR TRANSLUCENT WINDOW AND LOUVER DETAILS.
- I ALTHOUGH THE DRAWINGS SHOW THE LOCATION OF THE AIR BARRIER SYSTEM COMPONENTS INCLUDING DETAIL OF JOINTS, INTERSECTIONS, AND PENETRATIONS OF THE SYSTEM, IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASSURE THAT THE AIR BARRIER SYSTEM IS INSTALLED IN A CONTINUOUS ENVELOPE.
- J PROVIDE POLYETHYLENE SHEETING VAPOR BARRIER (033000.V01) BELOW SLAB.

KEY NOTES (00)

- 1 PERIMETER SEAL SYSTEM COMPONENT: "Z"-TYPE LINTEL SEAL WITH 3/4" BRUSH

AIR BARRIER SURFACE AREAS

ELEMENT	SURFACE AREA	COMMENT
WALLS	9,180 SQ FT	TOTAL WALL AREA
SLAB	9,668 SQ FT	TOTAL FLOOR SLAB
ROOFS	10,690 SQ FT	TOTAL ROOF AREA
	29,538 SQ FT	TOTAL SURFACE AREA (EXTERIOR ENVELOPE)

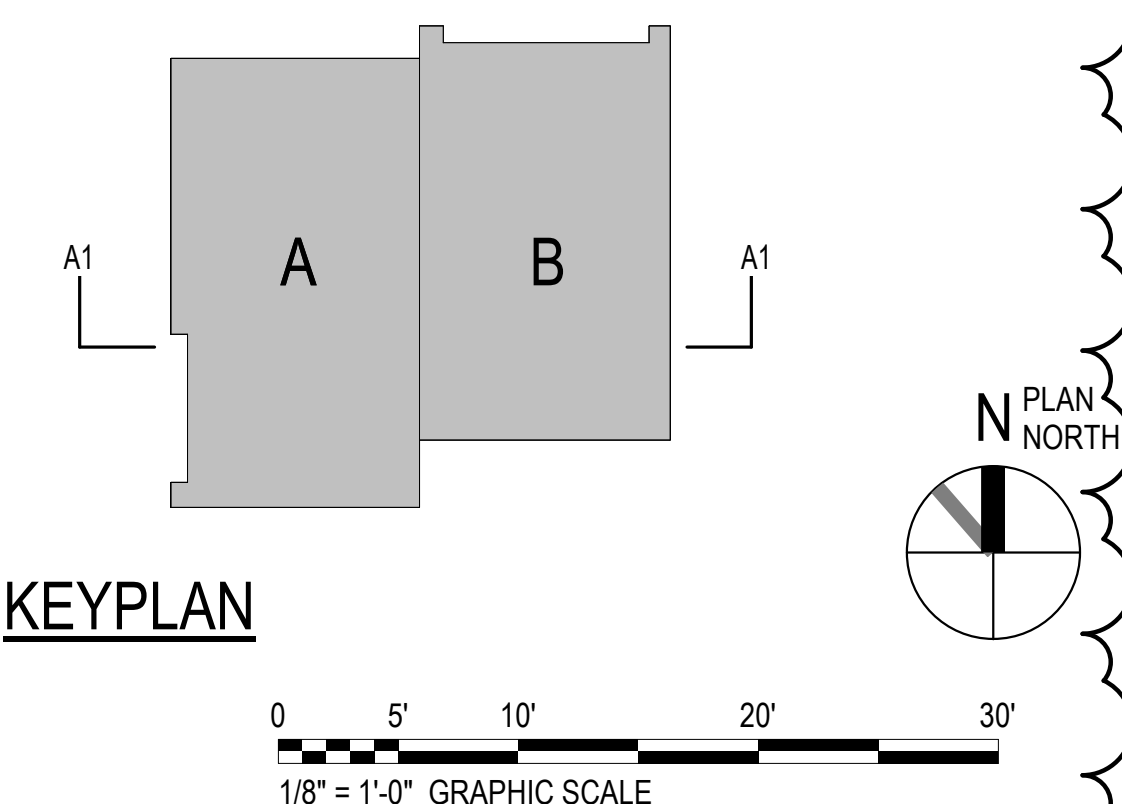
NOTE 1: AIR BARRIER QUANTITIES ABOVE ARE FOR REFERENCE AND APPLY TO INSPECTION ONLY. REFERENCE UFC 3-101-01, 3-6.3.

NOTE 2: THE AIR BARRIER IS THE GROSS AREA OF: SLAB, EXTERIOR PERIMETER WALLS, AND ROOF SURFACE. (AREAS DO NOT INCLUDE OPENINGS, SUCH AS WINDOWS AND DOORS).

BARRIER LAYER LEGEND

GRAPHIC	TYPE
	VAPOR CONTROL LAYER
	AIR CONTROL LAYER
	HEAT CONTROL LAYER
	PRECIPITATION LAYER

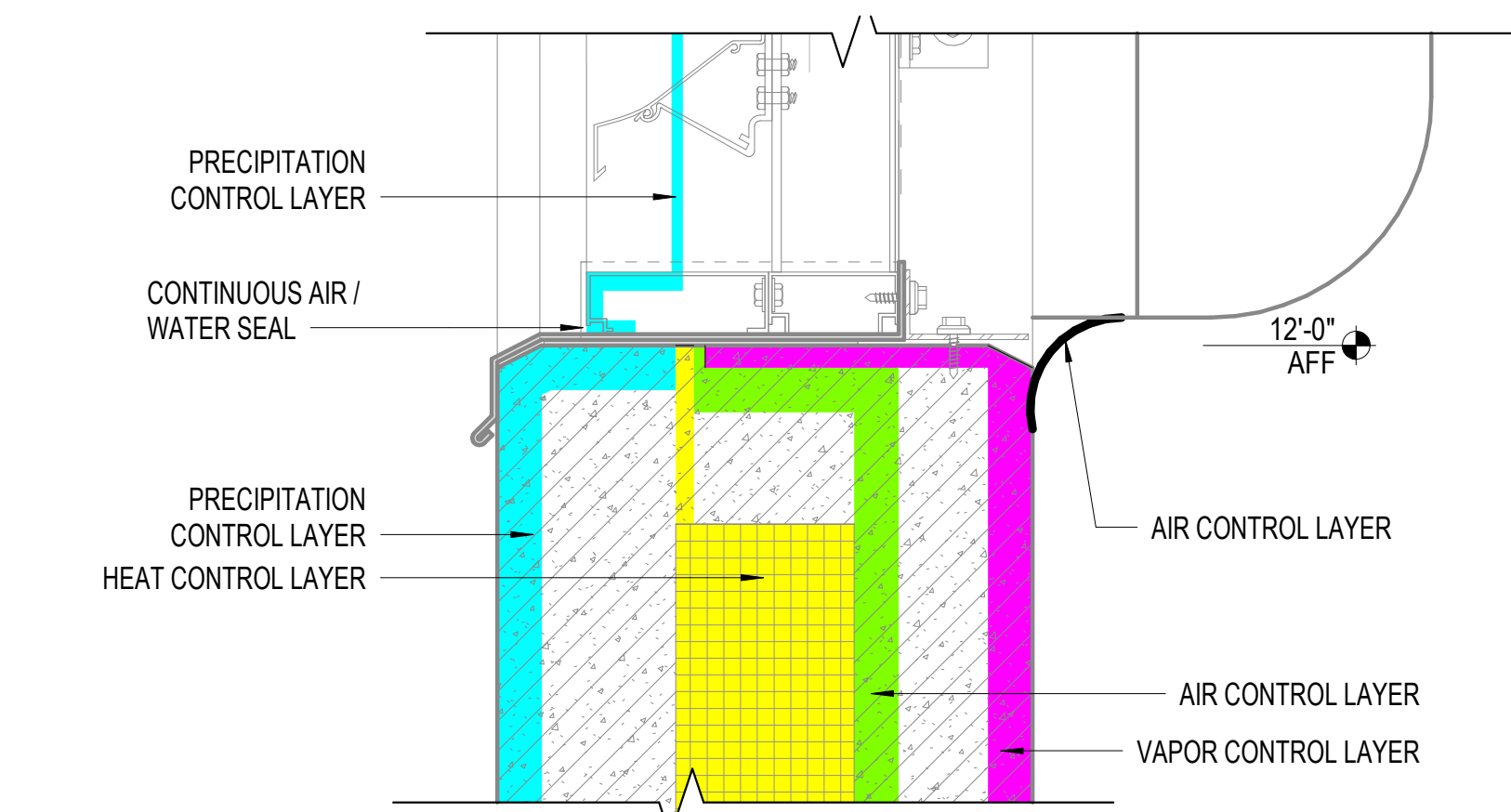
KEYPLAN



NOTE:  
IF THIS DRAWING IS LESS THAN 34" X 22"  
IT IS A REDUCED SIZE DRAWING

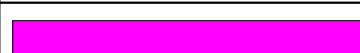


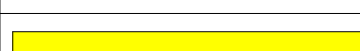
6/6/2022	DATE	APPR.
1	BY/AMENDMENT	SVL DESCRIPTION
APPROVED		
FOR COMMANDER NAVFAC		
ACTIVITY Approved by J. Scott Roberts, Asset Management Branch Head & Supervisory Facility Planner, PMO Beaufort, SC via email		
SATISFACTORY TO DATE 12/17/2021		
DES	EAD	DRW MEC CHK ROD
PMOM		CJW / SVR
BRANCH MANAGER		
CHIEF ENGINEER		
PP ENGINEER		
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND		
NAVFAC BEAUFORT		
P-485 F35 OPERATIONS SUPPORT FACILITY		
AIR BARRIER DIAGRAMS		
SCALE: As indicated		
EPROJCT NO: 1362850		
CONSTR. CONTR. NO.		
NAVFAC DRAWING NO: 12854094		
SHEET 73 OF 129		
AE471		
DRAWFORM REVISION: 25 AUG 2020		





**A1** BARRIER LAYER DIAGRAM - LOUVER  
NOT TO SCALE



GRAPHIC	TYPE
	VAPOR CONTROL LAYER
	AIR CONTROL LAYER
	HEAT CONTROL LAYER
	PRECIPITATION LAYER

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IT IS A REDUCED SIZE DRAWING