NORTH CAROLINA AIR NATIONAL GUARD

C-17 CORROSION CONTROL AND FUEL CELL HANGAR AND FLIGHT SIMULATOR
145th AIRLIFT WING
CHARLOTTE-DOUGLAS IAP, NORTH CAROLINA

CONTRACT NO.: W9133L-15-D-0002
TASK ORDER NO.: D303
PN: FJRP159062

B-3 FINAL DESIGN SUBMISSION
22 SEPTEMBER 2017

VOLUME 3 of 5
ARCHITECTURAL
ARCHITECTURAL GENERAL NOTES

1. THIS DRAWING AND GENERAL INFORMATION, ALL OF WHICH MAY NOT APPLY TO THIS PROJECT.

2. DIFFERENT FLOOR FINISH MATERIALS SHALL MEET UNDER THE CENTERLINES OF DOORS UNLESS OTHERWISE NOTED. REFER TO DETAILS OR LINES.

3. FLOOR FINISHES FOR MEETING SPECIAL CONDITIONS, SUCH AS KNEE WALLS, COLUMN BASES, FUTURES AND FUTURES WALLS SHALL BE APPLIED IN A MANOR.

4. ALL GYPSUM WALLS AND KNEE WALLS SHALL BE CLEAN AND SMOOTH AND PROJECTED DIMENSIONS ARE TO CENTER OF Gypsum Walls.

5. ALL KNEE WALLS AND COLUMN BASES SHALL BE CLEAN AND SMOOTH AND PROJECTED DIMENSIONS ARE TO CENTER OF Gypsum Walls.

6. FLOOR FINISHES FOR MEETING SPECIAL CONDITIONS, SUCH AS KNEE WALLS, COLUMN BASES, FUTURES AND FUTURES WALLS SHALL BE APPLIED IN A MANOR.

7. ALL KNEE WALLS AND COLUMN BASES SHALL BE CLEAN AND SMOOTH AND PROJECTED DIMENSIONS ARE TO CENTER OF Gypsum Walls.

8. TYPICAL DIMENSIONING OF BUILDING ELEMENTS AND MEASUREMENTS SHOWN ON THESE DRAWINGS ARE NOMINAL AND FOR NEW CONDITIONS THE ACTUAL DIMENSION AS CONSTRUCTED MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE OTHER FACTORS.

9. TYPICAL DIMENSIONING OF BUILDING ELEMENTS AND MEASUREMENTS SHOWN ON THESE DRAWINGS ARE NOMINAL AND FOR NEW CONDITIONS THE ACTUAL DIMENSION AS CONSTRUCTED MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE OTHER FACTORS.

10. "A" AS USED IN THESE DOCUMENTS MEANS THAT THE DIMENSIONS ON A STRING ARE INTENDED TO BE OF EQUAL LENGTH. "EQ" AS USED IN THESE DOCUMENTS IS THE ABBREVIATION FOR "EQUAL" MEANING THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A QUALITY LESSER THAN THAT INDICATED.

11. " +/ -" AS USED IN THESE DOCUMENTS INDICATES THE RANGE OF ADJUSTMENT ON THE CONDITION. "MAX" AS USED IN THESE DOCUMENTS IS THE ABBREVIATION FOR "MAXIMUM.

12. "AS INDICATED" AS USED IN THESE DOCUMENTS MEANS THAT THE DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

13. "ALIGN" AS USED IN THESE DOCUMENTS SHALL MEAN TO ACCURATELY LOCATE THE BUILDING ELEMENT BEING DIMENSIONED.

14. "ADJUSTABLE" AS USED IN THESE DOCUMENTS INDICATES THE RANGE OF ADJUSTMENT ON THE CONDITION. "MAX" AS USED IN THESE DOCUMENTS IS THE ABBREVIATION FOR "MAXIMUM.

15. "MIN" AS USED IN THESE DOCUMENTS MEANS THAT THE MINIMUM DIMENSIONS SHOWN ON THESE DRAWINGS ARE INTENDED TO BE OF EQUAL LENGTH. "MIN" AS USED IN THESE DOCUMENTS IS THE ABBREVIATION FOR "MINIMUM.


17. "DEMO SERVICE" AS USED IN THESE DOCUMENTS MEANS THAT THE CONDITION IS SLIGHTLY ADJUSTABLE BUT MAY NOT VARY TO A QUALITY LESSER THAN THAT INDICATED.

18. "AS INDICATED" AS USED IN THESE DOCUMENTS MEANS THAT THE DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

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OVERALL FLOOR PLAN

GENERAL NOTES:

1. MINIMUM AIRCRAFT MAINTENANCE BAY CLEARANCES (UFC 4-211-01):
   A. AIRCRAFT TO NEAREST FIXED OBSTRUCTION ALONG BACK WALL (15' - 0"
   B. AIRCRAFT TO NEAREST INSIDE FACE OF HANGAR DOOR (10' - 0"
   C. AIRCRAFT TO NEAREST FIXED OBSTRUCTION ALONG SIDE WALL (15' - 0"
   D. AIRCRAFT TO HANGER DOOR JAMB (10' - 0"

2. DAC/NCANG CIVIL ENGINEERING

DRAWN BY
D. FLIPPEN
N. FREY
B. DYSON

DESIGNED BY
ARCHITECTURAL
C-17 HANGAR
OVERALL FLOOR PLAN

SCALE
1/16" = 1'-0"

8' 16' 32' 48'

OVERALL FLOOR PLAN

09/22/2017
FLOOR PLAN KEYED NOTES

- FIRE EXTINGUISH CABINET - REFER TO E5/A-428
- FIRE EXTINGUISH BRACKET - REFER TO E5/A-428
- AUTOMATIC EXTERNAL DEFIBRILATOR BOX - PROVIDE BOX - REFER TO E5/A-428
- IF PROVIDING METAL SCONCES TO CEILING - REFER TO B1/A-428
- SUPPLIES BOX - REFER TO A/4-428
- ACCESS LADDER AND ROOF MAN HOLE - REFER TO B1/A-428
- PROVIDE BLOCKING AS REQUIRED FOR MOUNTING MONITORS - REFER TO B2/A-551
- EXTERIOR BOLLARD - REFER TO A2/A-522
- FIRE DEPARTMENT EXIT KEY LOCK BOX - MOUNT 4'-0" AFF
- MECHANICAL EQUIPMENT - REFER TO MECHANICAL
- EXPOSED STEEL BRACING - PANEL ITA
- LINE OF CAPARTY
- PLUMBING EQUIPMENT - REFER TO PLUMBING
- ELECTRICAL EQUIPMENT - REFER TO ELECTRICAL
- BACK-UP SHT - REFER TO ELECTRICAL LEGEND

REVISIONS
- NEW/REPLACE - REFER TO ADJUST
- EXISTING CORRIDOR - REFER TO ADJUST
- CONCRETE BASE AND TRENCHES FOR FLIGHT SIMULATOR EQUIPMENT - REFER TO
- FLIGHT SIMULATOR MODES ENVELOPE
- FIRE PROTECTION EQUIPMENT - REFER TO FIRE PROTECTION
- FIRE PROTECTION EQUIPMENT - REFER TO EXISTING
- FIRE PROTECTION EQUIPMENT - REFER TO DESIGN
- CONCRETE BASE AND TRENCHES FOR FLIGHT SIMULATOR EQUIPMENT - REFER TO EXISTING
- STRUCTURAL

DRAWN BY
D. FLIPPEN
D. FLIPPEN

ARCHITECTURAL
C-17 FLIGHT SIMULATOR FLOOR PLANS

REVISIONS
- NEW/REPLACE - REFER TO ADJUST
- EXISTING CORRIDOR - REFER TO ADJUST
- CONCRETE BASE AND TRENCHES FOR FLIGHT SIMULATOR EQUIPMENT - REFER TO
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- CONCRETE BASE AND TRENCHES FOR FLIGHT SIMULATOR EQUIPMENT - REFER TO EXISTING
- STRUCTURAL

MECHANICAL EQUIPMENT & PLANT ROOM PLAN

FLOOR PLAN

SCALE
1/8" = 1'-0"

A1

NCANG CIVIL ENGINEERING
GOAL inadvertently SCI
MUS

C-17 CORROSION CONTROL & FUEL CELL HANGAR

ARCHITECTURAL
C-17 FLIGHT SIMULATOR FLOOR PLANS

REVISIONS
- NEW/REPLACE - REFER TO ADJUST
- EXISTING CORRIDOR - REFER TO ADJUST
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MECHANICAL EQUIPMENT & PLANT ROOM PLAN

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1/8" = 1'-0"

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ARCHITECTURAL
C-17 FLIGHT SIMULATOR FLOOR PLANS

REVISIONS
- NEW/REPLACE - REFER TO ADJUST
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- FIRE PROTECTION EQUIPMENT - REFER TO FIRE PROTECTION
- FIRE PROTECTION EQUIPMENT - REFER TO EXISTING
- FIRE PROTECTION EQUIPMENT - REFER TO DESIGN
- CONCRETE BASE AND TRENCHES FOR FLIGHT SIMULATOR EQUIPMENT - REFER TO EXISTING
- STRUCTURAL
1. REFER TO PLUMBING, MECHANICAL, ELECTRICAL, FIRE SUPPRESSION, FIRE ALARM AND TELECOMMUNICATION DRAWINGS FOR ALL VENTS, SPRINKLER HEADS, GRILLES, REGISTERS, DIFFUSERS, DUCTS, LIGHTS, DETECTORS, ETC AND COORDINATE SAME AS REQUIRED.

2. COORDINATE ALL STRUCTURAL, PLUMBING, MECHANICAL, FIRE SUPPRESSION, AND ELECTRICAL WORK WITH CEILING HEIGHTS AND ARCHITECTURAL WORK. WHERE CONFLICTS IN DEVICES OCCUR, COORDINATE FINAL LOCATIONS WITH CONTRACTING OFFICER'S REPRESENTATIVE.

3. REFER TO ROOM FINISH SCHEDULES ON A-602 FOR CEILING MATERIALS, FINISHES, AND HEIGHTS.

4. ALL CEILING MOUNTED OR RECESSED ITEMS SHOWN OR NOT, ON REFLECTED CEILING PLANS, SUCH AS SPRINKLER HEADS, SPEAKER, GRILLES, LIGHTS, ETC. SHALL BE CENTERED IN THE LAY-IN PANELS. AT GYPSUM BOARD CEILINGS, INSTALL IN A CONSISTENT PATTERN.

5. LOCATE SPRINKLER HEADS IN CEILING PANELS IN CONSISTENT PATTERNS AS INDICATED. REFER TO B1 / A-571.

6. NOTIFY CONTRACTING OFFICER'S REPRESENTATIVE OF ALL ITEMS NOT SHOWN ON REFLECTED CEILING PLAN AND LOCATE PER CONTRACTING OFFICER'S REPRESENTATIVE DIRECTION.

7. REFER TO TELECOM DRAWINGS FOR CAMERA LOCATIONS.

8. WHERE CONFLICT IN CEILING DEVICES OCCURS, COORDINATE WITH THE CONTRACTING OFFICER'S REPRESENTATIVE.

9. FOR MECHANICAL / ELECTRICAL / PLUMBING ACCESS PANELS IN A GYPSUM BOARD CEILING REFER TO B2 & B3 / A-571.

10. GRID LAYOUT AND LOCATION OF LIGHT FIXTURES AND DIFFUSERS ON THE REFLECTED CEILING PLANS GOVERN OVER ELECTRICAL AND MECHANICAL DRAWINGS.

11. REFER TO ELECTRICAL DRAWINGS FOR LIGHTING FIXTURES TYPE AND SIZE. REFER TO SPECIAL SYSTEMS DRAWINGS FOR SPEAKERS, CAMERA, ETC. TYPE AND SIZE.

12. ALL CEILING PENETRATIONS SHALL BE TREATED AS PERIMETER CLOSURES AND SHALL ALLOW A MINIMUM OF 3/8" CLEARANCE BY USE OF SUITABLE ESCUTCHEONS OR CLOSURE DETAILS.
As indicated on the reflected ceiling plan:

1. Exposed Structure
2. Projector Screen. Refer to D1 / A-571
3. Gypsum Soffit - Refer to D2 / A-571, at EL: 9'-0" AFF unless otherwise noted
4. Hose Reel - Refer to Plumbing
5. GFGI Wall Hanging. Provide blocking as required. Coordinate prior to Gypsum Wall Board installation.
6. Gypsum Soffit with Operable Partition - Refer to C1 / A-571, at EL: 10'-0" AFF unless otherwise noted
7. Ladder - Refer to A2 / A-561
8. Mechanical Equipment - Refer to Mechanical Drawings
9. 2'-0" X 2'-0" Perforated Metal Ceiling Tile - Center in space
10. Metal Panel Soffit
11. Expansion Joint - Refer to B2 / A-533
12. Monorail Crane - Refer to Equipment and Structural Drawings
13. Fall Arrest System - Refer to Equipment Drawings
14. Gypsum Soffit - Refer to D2 / A-571, at EL: 8'-0" AFF unless otherwise noted
15. Continuous Draft Curtain - Refer to C5/A-573
16. Projector Mount, GFCI
**REFLECTED CEILING PLAN - KEYED NOTES**

1. Exposed Structure
2. Project Demands Refer to C-17
3. Partial Receptacles - Refer to C-17, H-1, H-3, H-4 if any
4. Third Receptacles - Refer to Plumbing
5. Plant, HVAC, or Process Building As Required - Coordinates Prior to Erection and Erection
6. Supply Receptacles - Refer to C-17
7. Mechanical Equipment - Refer to Mechanical Drawings
8. 2" F 1/2" IP Pipe - Refer to C-17
9. Mechanical Equipment - Refer to Structural Drawings
10. Supply Receptacles - Refer to C-17
11. Mechanical Equipment - Refer to Equipment Drawings
12. Supply Receptacles - Refer to C-17, H-1, H-3, H-4 if any
13. Contiguous Draft Control - Refer to C-17
14. Roof Decks - Refer to C-17

**REFLECTED CEILING PLAN - LEGEND**

- **Gypsum Board Ceiling**
- **APC**
- **Supplementary Air Diffuser**
- **Return Air Diffuser**
- **Linear Supply Air Diffuser**
- **Linear Return Air Diffuser**
- **Exhaust Air Grill**
- **Exhaust Fan**
- **Exit Sign**
- **OCCUPANCY SENSOR, CEILING MOUNTED, MULTI DIRECTIONAL**
- **Lighting Fixtures, Refer to Electrical**
- **Access Panel**
- **Fire Suppression - Side Wall Sprinkler**
- **Fire Alarm**
- **Ceiling Speaker**
- **VS**
- **Foam Generator**
- **OCCUPANCY SENSOR, CEILING MOUNTED**
- **PHOTOCELL SENSOR, CEILING MOUNTED**
- **โฟม**
- **FOAM GENERATOR**
- **OCCUPANCY SENSOR, CEILING MOUNTED**
- **PHOTOCELL SENSOR, CEILING MOUNTED**

**PARTIAL REFLECTED CEILING PLAN - MECHANICAL EQUIPMENT PLATFORM - AREA A**

- 1/8" = 1'-0"

**PARTIAL REFLECTED CEILING PLAN - MECHANICAL EQUIPMENT PLATFORM - AREA C**

- 1/8" = 1'-0"

**ARCHITECTURAL C-17 HANGAR**

- C-17 CORROSION CONTROL & FUEL CELL HANGAR
- PARTIAL REFLECTED CEILING PLANS - AREAS A AND C
- SCALE
- DESIGNED BY
- REVIEWED BY
- DRAWN BY
- NCANG CIVIL ENGINEERING
- INITIAL
- DESCRIPTION
- DATE
- REV

**REVISIONS**

- A-121
- A-122
- A-123
- A-124
- A-125
- A-126
REFLECTED CEILING PLAN

1. Grid layout and location of light fixtures and diffusers on the reflected ceiling plan.
2. Where conflict in ceiling devices occurs, coordinate with the contracting officer's representative.
3. Locate sprinkler heads in ceiling panels in consistent patterns as indicated. Refer to Q-111.
4. Notify contracting officer's representative of all items not shown on reflected ceiling plans, such as speakers, grilles, lights, etc. Shall be centered in the layout.
5. Grid layout and location of light fixtures and diffusers on the reflected ceiling plan.
6. Ensure minimum of 3/8" clearance by use of suitable escutcheons or closure details.
7. Refer to plumbing, mechanical, electrical, fire suppression, and fire alarm systems drawings for all vents, sprinkler heads, grilles, registers, etc.
8. Refer to electrical drawings for lighting fixtures type and size. Refer to special plans to govern over electrical and mechanical drawings.
9. Locate access panels for mechanical/electrical/plumbing access panels in a gypsum board ceiling consistent with the layout indicated.
10. Refer to telecom drawings for camera locations.
11. Locate final locations with contracting officer's representative.

REFLECTED CEILING PLAN KEYED NOTES

1. C-17 CORROSION CONTROL & FUEL CELL HANGAR
2. GYPSUM BULKHEAD - REFER TO C2/A-571, AT EL 9'-0" AFF UNLESS OTHERWISE NOTED
3. GYPSUM SOFFIT - REFER TO D2/A-571, AT EL 9'-0" AFF UNLESS OTHERWISE NOTED
4. LADDER - REFER TO A2/A-423
5. MECHANICAL EQUIPMENT - REFER TO MECHANICAL DRAWINGS
6. METAL PANEL SOFFIT
7. SHIPS LADDER - REFER TO A4/A-423
8. BRIDGE CRANE - REFER TO Q-111

REFLECTED CEILING PLAN LEGEND

- GYPSUM BOARD CEILING
- EXHAUST AIR GRILL
- EXHAUST FAN
- ACCESS PANEL
- FIRE ALARM
- FIRE SUPPRESSION
- EXIT SIGN (DARKENED AREA DENOTES LIGHTED FACE, TRIANGLES INDICATE OCCUPANCY SENSOR, CEILING MOUNTED, MULTI DIRECTIONAL PHOTOCELL SENSOR, CEILING MOUNTED)
- LINEAR RETURN AIR DIFFUSER
- LINEAR SUPPLY AIR DIFFUSER
- CEILING SPEAKER
- SIDEWALL SPRINKLER
- SPRINKLER HEAD - REFER TO B2 & B3 / A571
- SPRINKLER HEADS IN CEILING PANELS IN CONSISTENT PATTERNS AS INDICATED. REFER TO A-531

ACS ISAM - NORTHERN ARIZONA AIR NATIONAL GUARD (1/8" = 1'-0"

NCANG CIVIL ENGINEERING GOCAL NNAI NNCOQUEIAEENT SCI
ROOF PLAN GENERAL NOTES

1. NDT ALL PLUMBING, MECHANICAL, ELECTRICAL, ETC. FROM SPECIFIED ROOF RISES TO MAINTAIN MANUFACTURER'S PRINTED INSTRUCTIONS AND ALL APPLICABLE CODES AND STANDARDS.

2. FOR TYPICAL ROOF DETAILS REFER TO SHEET 9-432.

3. FILL ALL ROOF PENETRATIONS WITH WET STYLE SPRAY FOAM INSULATION TO MAINTAIN AIR TIGHTNESS.

4. REFER TO ALL ROOF ACCESS DETAILS REFER TO ROOF MANUFACTURER'S PRINTED INSTRUCTIONS AND ALL APPLICABLE CODES AND STANDARDS.

5. ALL ROOF ACCESS LADDERS AND SAFETY RAILS SHALL BE A FIXED TYPE ROOF SYSTEM.

6. NO WORK, INCLUDING STAGING OR ACCESS TO OTHER PORTIONS OF THE WORK SHALL BE PERMITTED ON THE SHEET METAL ROOF SYSTEM.

7. NO WORK, INCLUDING STAGING OR ACCESS TO OTHER PORTIONS OF THE WORK SHALL BE PERMITTED ON THE SHEET METAL ROOF SYSTEM.

8. ROOF Penetration Protection - REFER TO RESPECTIVE PLANS FOR LOCATIONS, PENETRATIONS, ETC. THROUGH TOBROOF SYSTEM SHALL COMPLY WITH ROOF MANUFACTURER'S PRINTED INSTRUCTIONS AND ALL APPLICABLE CODES AND STANDARDS.

9. ROOF Penetration Protection - REFER TO RESPECTIVE PLANS FOR LOCATIONS, PENETRATIONS, ETC. THROUGH TOBROOF SYSTEM SHALL COMPLY WITH ROOF MANUFACTURER'S PRINTED INSTRUCTIONS AND ALL APPLICABLE CODES AND STANDARDS.

10. ALL ROOF ACCESS LADDERS AND SAFETY RAILS SHALL BE A FIXED TYPE ROOF SYSTEM.

11. ALL ROOF ACCESS LADDERS AND SAFETY RAILS SHALL BE A FIXED TYPE ROOF SYSTEM.

12. THROUGH-WALL SCUPPER WITH DOWNSPOUT - REFER TO D2/A-532.

13. WITHIN THE LAST 50' OF DOWNSPOUT TERMINATION - REFER TO C2 / A-531.

14. MECHANICAL EQUIPMENT - REFER TO MECHANICAL DRAWINGS, FOR CURB DETAIL REFER TO MECHANICAL DRAWINGS.

15. ROOFING ACCESS HATCH SAFETY RAIL - REFER TO C5/A-322.

16. ROOFING ACCESS LADDER - REFER TO C1 / A-423.

17. ROOF CAP.

18. ROOF SURFACES - REFER TO RESPECTIVE PLANS FOR LOCATIONS, PENETRATIONS, ETC. THROUGH TOBROOF SYSTEM SHALL COMPLY WITH ROOF MANUFACTURER'S PRINTED INSTRUCTIONS AND ALL APPLICABLE CODES AND STANDARDS.

19. SNOW GUARDS - REFER TO D3 / A-532

20. PAINT BOOTH / STANDING ROOM EQUIPMENT - REFER TO EQUIPMENT DRAWINGS.

21. TELECOM EQUIPMENT - REFER TO TELECOM DRAWINGS, FOR CURB DETAIL REFER TO DRAWINGS.

22. ANTENNA RAIL - REFER TO STRUCTURAL DRAWINGS.

23. SNOW GUARDS - REFER TO D3 / A-532

24. WALL PADS.

25. CRICKET OF TAPERED INSULATION - 1"/12" SLOPE MINIMUM.

26. ROOFTOP FALL ARREST SYSTEM - REFER TO D5/A-532 FOR ANCHOR DETAIL.

27. ALL WORK AND MATERIALS BELONGING TO AND ADJACENT TO ROOF SHALL BE IN FULL COMPLIANCE WITH ALL CLARIFICATIONS OR ADDITIONAL INFORMATION REQUIRED SHALL BE IN ACCORDANCE WITH ALL CLARIFICATIONS OR ADDITIONAL INFORMATION REQUIRED SHALL BE IN ACCORDANCE WITH ALL CLARIFICATIONS OR ADDITIONAL INFORMATION REQUIRED SHALL BE IN ACCORDANCE WITH ALL CLARIFICATIONS OR ADDITIONAL INFORMATION REQUIRED SHALL BE IN ACCORDANCE WITH ALL CLARIFICATIONS OR ADDITIONAL INFORMATION REQUIRED SHALL BE IN ACCORDANCE WITH ALL CLARIFICATIONS OR ADDITIONAL INFORMATION REQUIRED SHALL BE IN ACCORDANCE WITH ALL CLARIFICATIONS OR ADDITIONAL INFORMATION REQUIRED SHALL BE IN ACCORDANCE WITH ALL CLARIFICATIONS OR ADDITIONAL INFORMATION REQUIRED SHALL BE IN ACCORDANCE WITH ALL CLARIFICATIONS OR ADDITIONAL INFORMATION REQUIRED SHALL BE IN ACCORDANCE WITH ALL CLARIFICATIONS OR ADDITIONAL INFORMATION REQUIRED SHALL BE IN ACCORDANCE WITH ALL CLARIFICATIONS OR ADDITIONAL INFORMATION REQUIRED SHALL BE IN ACCORDANCE WITH ALL 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PARTIAL ROOF PLAN - AREA A

1/8" = 1'-0"
**1/8" = 1'-0"**

1. **STANDING SEAM METAL ROOF SYSTEM**
2. **ROOF ACCESS LADDER** - REFER TO C1/A-423
3. **CRICKET OF TAPERED INSULATION** - 1"/12" SLOPE MINIMUM
4. **PREFINISHED GUTTER AND DOWNSPOUT SYSTEM**
5. **3'-6" x 3'-6" ROOF HATCH** - REFER TO B4/A532
6. **WALKWAY PADS**
7. **PREFINISHED METAL COPING**
8. **PIPE PENETRATION** - REFER TO C3/A532
9. **ROOFTOP FALL ARREST SYSTEM** - REFER TO D5/A532 FOR ANCHOR DETAIL
10. **ROOF ACCESS HATCH SAFETY RAIL** - REFER TO C5/A532
11. **PVC MEMBRANE ROOF SYSTEM**
12. **THROUGH-WALL SCUPPER WITH DOWNSPOUT** - REFER TO D2/A532
13. **MECHANICAL EQUIPMENT** - REFER TO MECHANICAL DRAWINGS, FOR CURB DETAIL REFER TO B3/A532
14. **ROOF ACCESS LADDER** - REFER TO A1/A423
15. **PARAPET LADDER** - REFER TO C2/A423
16. **CANOPY BELOW**
17. **SPLASH BLOCK AT TERMINATION OF DOWNSPOUT** - REFER TO C2/A531
18. **RIDGE CAP**
19. **SNOW GUARDS** - REFER TO D3/A532
20. **PAINT BOOTH / STANDING ROOM EQUIPMENT** - REFER TO EQUIPMENT DRAWINGS
21. **TELECOM EQUIPMENT** - REFER TO TELECOM DRAWINGS, FOR CURB DETAIL REFER TO B3/A532
22. **ANTENNA RAIL** - REFER TO STRUCTURAL

**NOTES:**
- NOT ALL KEYED NOTES APPEAR ON EACH SHEET
1. Scale 1/8" = 1'-0".
2. All work and materials belonging to and adjacent to roof shall be in full compliance with the manufacturer's printed instructions and the Maryland/National Roofing Contractors Association (NRCA) Roofing and Waterproofing Manual. Any deviation from the specified or indicated requirements shall be submitted for approval by CORG.
3. Roofing system shall comply with roof manufacturer's printed instructions and all applicable codes. Adequate protection in accordance with OSHA/ANSI standards and that allows owner's deceleration devices, lifeline connectors and all components necessary to provide protection along the access path and under the work extending 48" beyond the required work area. Protection shall consist of 3/4" plywood over a heavy canvas tarp with sandbag ballasts as required to prevent the plywood from becoming airborne during strong winds.
4. If staging access or work is required on the finished membrane, the contractor shall provide protection along the access path and under the work extending 48" beyond the required work area. Protection shall consist of 3/4" plywood over a heavy canvas tarp with sandbag ballasts as required to prevent the plywood from becoming airborne during strong winds.
5. Through-wall scupper with downsput - refer to D2/A-532.
6. Canopy below - refer to A-311.
7. ALL SHEET METAL ROOF AREAS SHALL SLOPE 1 1/2:12 UNLESS OTHERWISE NOTED.
8. Roof access ladder - refer to C1 / A-423.
9. Rooftop fall arrest system - refer to D5/A-532 for anchor detail.
11. PVC membrane roof system.
12. Through-wall scupper with downsput - refer to D2/A-532.
13. Mechanical equipment - refer to mechanical drawings, for curb detail refer to B3 / A-532.
14. Roof access ladder - refer to C1 / A-423.
16. Canopy below.
17. Splash block at termination of downsput - refer to C2 / A-531.
18. Roof cap.
20. Paint booth / standing room equipment - refer to equipment drawings.
21. Telecom equipment - refer to telecom drawings, for curb detail refer to B3 / A-532.
22. Antenna rail - refer to structural drawings.
23. All sheet metal roof areas shall slope 1 1/2:12 unless otherwise noted.
24. At all roof penetrations fill air gaps with spray foam insulation to maintain air integrity.
25. If staging access or work is required on the finished membrane, the contractor shall provide protection along the access path and under the work extending 48" beyond the required work area. Protection shall consist of 3/4" plywood over a heavy canvas tarp with sandbag ballasts as required to prevent the plywood from becoming airborne during strong winds.
26. Trained personnel to inspect all portions of all roofs including perimeter drainage systems prior to installation.
WALL SECTION KEYED NOTES

1. 1 1/2" CORRUGATED METAL PANEL - MWP-4
2. LIGHT FIXTURE - REFER TO ELECTRICAL
3. GUTTER, DOWNSPOUT, AND SLASH BLOCK, WHERE OCCURS
4. 1/2" CORRUGATED METAL PANEL - MWP-4
5. STEEL STAFF FRAMING AT 16" O.C.
6. 3 5/8" STEEL STUD FRAMING
7. MECHANICAL EQUIPMENT
8. FIRE PROTECTION EQUIPMENT
9. PLUMBING EQUIPMENT
10. 1/2" PLYWOOD SHEATHING
11. 3 5/8" STEEL STUD FRAMING AT 12" O.C.
12. NORTH CAROLINA AIR NATIONAL GUARD SIGNAGE - 8' - 0" TALL, GFCI
13. LIGHT FIXTURE - REFER TO ELECTRICAL
14. CARPET, BOARDS, AND BLACK BLOCK, SHOWER ESCRUB
15. CP CORROSION PROOF METAL PANEL - MWP-4
16. FRAME AND SAFETY HIZODUS - REFER TO C-3
17. 1 1/2" STEEL STUD FRAMING AT 16" O.C.
18. 6" STEEL STUD FRAMING AT 16" O.C.
19. MECHANICAL EQUIPMENT
20. PIPE PROTECTION EQUIPMENT
21. PLUMBING EQUIPMENT
22. 1 1/2" STEEL STUD FRAMING AT 16" O.C.
23. STEEL FRAMING - REFER TO STRUCTURAL
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31. MECHANICAL EQUIPMENT
32. PIPE PROTECTION EQUIPMENT
33. PLUMBING EQUIPMENT
34. 1 1/2" STEEL STUD FRAMING AT 16" O.C.
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PLAIN TEXT START

Document contains detailed architectural drawings for various components of a building's roof and exterior. The drawings include annotations for materials, dimensions, and installation instructions. For example:

- **Detail at Scupper/Conductor Head**: Includes information on metal flashing, insulation, and roofing materials.
- **Air Terminal Detail at Parapet**: Describes the use of brick veneer and metal framing for structural support.
- **Pipe Boot Details**: Specifies the use of stainless steel and rigid insulation for pipe boot assembly.
- **Fire Department Test Connection Detail**: Provides details on the location and installation of fire department test connections.

The drawings are accompanied by notes and specifications for various materials and installation processes, ensuring a comprehensive understanding of the construction requirements.
## Material Legend

### Floorings
- **Carpet Flooring**
- **Resilient Flooring**
- **Sheet Flooring**
- **Wall Base**
- **Rubber Base**

### Walls
- **Interior Paint**
- **Wall Cladding**
- **Ceramic Wall Base**
- **Resinous Flooring**
- **Ceramic Wall Cladding**

### Ceilings
- **Acoustic Ceiling Panels**
- **Metal Ceiling Panels**

### Lighting
- **Lighting Fixtures**
- **Lighting Controls**

### Fixtures
- **Bathtubs**
- **Showers**
- **Sinks**

### Other
- **Plumbing Fixtures**
- **Stair Treads**
- **Stair Railings**

### Finishes
- **Finishes**
- **Textures**
- **Grilles**

### Specifications
- **Specifications**
- **Details**
- **Notes**

### Materials
- **Armstrong**
- **Construkt**
- **Crossville Ceramics**
- **Fusion Paris**
- **Ist Surfaces**

### Colors
- **Color Names**
- **Color Numbers**
- **Color Codes**

### Dimensions
- **Size**
- **Location**
- **Series**

### Manufacturer
- **Manufacturer**
- **Series**
- **Style**

### Installation
- **Install**
- **Height**
- **Color**

### Notes
- **Design Notes**
- **Construction Notes**
- **Materials Notes**

### Dimensions
- **Width**
- **Length**
- **Height**

### Designers
- **Designer**
- **Architect**
- **Engineer**

### Project
- **Project Number**
- **Location**
- **Date**

### Revisions
- **Revision**
- **Date**
- **Author**

### Tables

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### Diagrams

- **Floor Plan**
- **Wall Details**
- **Ceiling Details**

### Notes
- **Notes on Materials**
- **Notes on Installation**
- **Notes on Specifications**

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**Architectural Material Legend**

- **Architect:**
- **Engineer:**
- **Contractor:**

**Project:** C-17 Corrosion Control & Fuel Cell Hangar

**Date:** 09/20/2017

**Scale:** 1/8" = 1'-0"
**ROOM FINISH SCHEDULE - C-17 HANGAR**

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**ROOM FINISH SCHEDULE - C-17 FLIGHT SIMULATOR**

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**ROOM FINISH SCHEDULE - C-17 FIRE PUMP BUILDING**

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**ROOM FINISH SCHEDULE GENERAL NOTES**

1. USE THESE ELECTRICAL WIRING BOXES AND DEVICES TO PLAN NORTH FACING.
2. PROVIDE "L" SOCKET CONTROL JOINTS TO ENSURE ASM. AMPS TO PVC. INCREASE IN FUTURE, LOCATION WILL BE MODIFIED TO MATCH CONSTRUCTION. REFER TO DETAIL A1.
3. PROVIDE FIRESTOPPING AT PENETRATIONS AND INSTALLATION OF FIRE RATED GYPSUM CONSTRUCTION.
4. PROVIDE TRANSITION STRIPS AT ALL CHANGES IN FLOOR FINISH MATERIALS. REFER TO DETAIL A1.
5. PROVIDE "A" SOCKET DEVICES AND "V" SOCKET DEVICES TO увеличить "V" SOCKET DEVICES TO THE ENCLOSED (1/2") NR RATING SYSTEM. REFER TO DETAIL A1 PINE SERIES." A" SOCKET DEVICES TO THE ENCLOSED (1/2") NR RATING SYSTEM. REFER TO DETAIL A1 PINE SERIES.
6. PROVIDE FIRESTOPPING AT PERIMETERS AND PENETRATIONS OF FIRE RATED GYPSUM CONSTRUCTION.
7. ALL FLOOR FINISH SHALL BE APPROVED BY THE NORTH CAROLINA ARMY NATIONAL GUARD PRIOR TO INSTALLATION.
8. PROVIDE HORIZONTAL EXPANSION JOINTS AT PERIODIC INTERVALS BETWEEN GYPSUM WALLS TO ALLOW FOR SHAPING AND TYPICAL LOCATION OF PT 573. REFER TO DETAIL A1.
9. PROVIDE TRANSITION STRIPS AT ALL CHANGES IN FLOOR FINISH MATERIALS. REFER TO SKETCH A1 / A.
10. PROVIDE FIRESTOPPING AT ALL PENETRATIONS OF FIRE RATED GYPSUM CONSTRUCTION.

**ROOM FINISH SCHEDULE LEGEND**

- **FLOORING:** CONCRETE (CONC), TILES (TILE), VINYL (VYL), WOOD (WD), OTHER (OTR)
- **FINISH:** BASE (BASE), TILES (TILE), WOOD (WD)
- **SUBSTRATE:** FLOORING (FLOORS), CEILINGS (CEILINGS)
- **MATERIAL:** METAL (MET), WOOD (WD), PLASTER (PST), OTHER (OTR)
- **SYSTEM:** ELECTRICAL (ELEC), PLUMBING (PLUMB), MECHANICAL (MECH), OTHER (OTR)
- **SIGN:** SIGN (SIGN), HEIGHT (HEIGHT), REMARKS (REMARKS)
DOOR SCHEDULE GENERAL NOTES
1. DOOR DATA ARE AS PROVIDED IN A-702 AND A-703 UNLESS OTHERWISE NOTED.
2. ALL STEEL DOORS AND FRAMES SHALL BE PAINTED.
3. DO NOT PASTE LABELS OF TESTING AGENCY ON FIRE RATED DOORS AND FRAMES.
4. ALL STEEL DOORS AND FRAMES SHALL BE PAINTED.
5. REFER TO SCHEDULE.
6. REFER TO SCHEDULE.
7. REFER TO SCHEDULE.
8. REFER TO SCHEDULE.
9. ALL EXTERIOR DOORS SHALL BE INSULATED.
10. ALL EXTERIOR DOORS SHALL BE INSULATED.
11. THE DOOR FRAME MANUFACTURER SHALL VERIFY ACTUAL WALL / PARTITION THICKNESS WITH DOOR MANUFACTURER PRIOR TO FABRICATION OF DOOR FRAMES.
12. REFER TO SPECIFICATIONS FOR HARDWARE SELECTION.
13. DOOR FRAME LOCATIONS THAT ARE INCLUDED IN “CONTRACTOR’S專業” SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO FABRICATION.

DOOR SCHEDULE REMARKS
1. CALL NMC DOOR FRAMES.
2. ALUMINUM.
3. UNINSULATED.
4. REFER TO A-702 FOR ALLOWED DOOR FRAMES.
5. ELECTRIC POWERED.
6. CONFIGURED DOORS CAN BE ADJUSTED UPON INSTALLATION.
7. CLEARANCE CLEAR.
8. CLEARANCE CLEAR.
9. PROVIDE CLEAR CLOSING AND CLEAR OPENING.
10. CLEARANCE CLEAR.
11. DOOR AND FRAME TO SCHEME.

DOOR SCHEDULE LEGEND
A - ALUMINUM
H - HOLLOW METAL
W - WD - WOOD
S - STEEL
V - VENEER
H - HOLLOW METAL
Card Reader With Keypad

SHOULD BE PROVIDED BY THE REMOVABLE HINGE MANUFACTURER PRIOR TO INSTALLATION.

OVERHEAD SECTIONAL DOOR SIZE INDICATED IS FOR FINISHED OPENING. ACTUAL
DOOR FRAMES ARE MADE AVAILABLE TO THE FIRE RATED DOORS AND FRAMES.

DOOR FRAME LOCATIONS THAT ARE INCLUDED IN “CONTRACTOR’S專業” SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO FABRICATION.

DOOR DETAILS ARE ON DRAWINGS A

FLUSH PANEL

EL ECTRIC A THERMAL SET

SCHEDULED DOOR SCHEDULE REMARKS

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8. CLEARANCE CLEAR.
9. PROVIDE CLEAR CLOSING AND CLEAR OPENING.
10. CLEARANCE CLEAR.
11. DOOR AND FRAME TO SCHEME.
1. POLYCARBONATE PANELS SHALL BE MANUFACTURER’S STANDARD CLEAR ANODIZED FINISH.

2. ALL ALUMINUM COMPONENTS SHALL BE MANUFACTURER’S STANDARD CLEAR ANODIZED FINISH.

3. SPACE PER SHIMMING / SEALING UNLESS OTHERWISE DIRECTED BY THE MANUFACTURER.

4. A BITUMINOUS PAINT / ZINC CHROMATE OR A SEPARATION MATERIAL IS REQUIRED WHEN ALUMINUM POLYCARBONATE FRAME DIMENSIONS ARE TO THE EXTERIOR PANEL / MASONRY OPENING.

5. BEAD OF SEALANT OVER BACKER ROD.

6. PROVIDE FACE WEEPS.

7. PANEL TYPE P4 FOR LOCATION.