934th AIRLIFT WING
UNITED STATES AIR FORCE RESERVE

760 MILITARY HIGHWAY
MINNEAPOLIS MINNESOTA
55450-2100

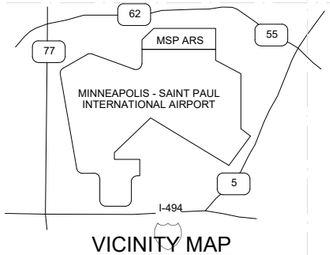
FINAL DESIGN

PROJECT # QJKL 26-0019

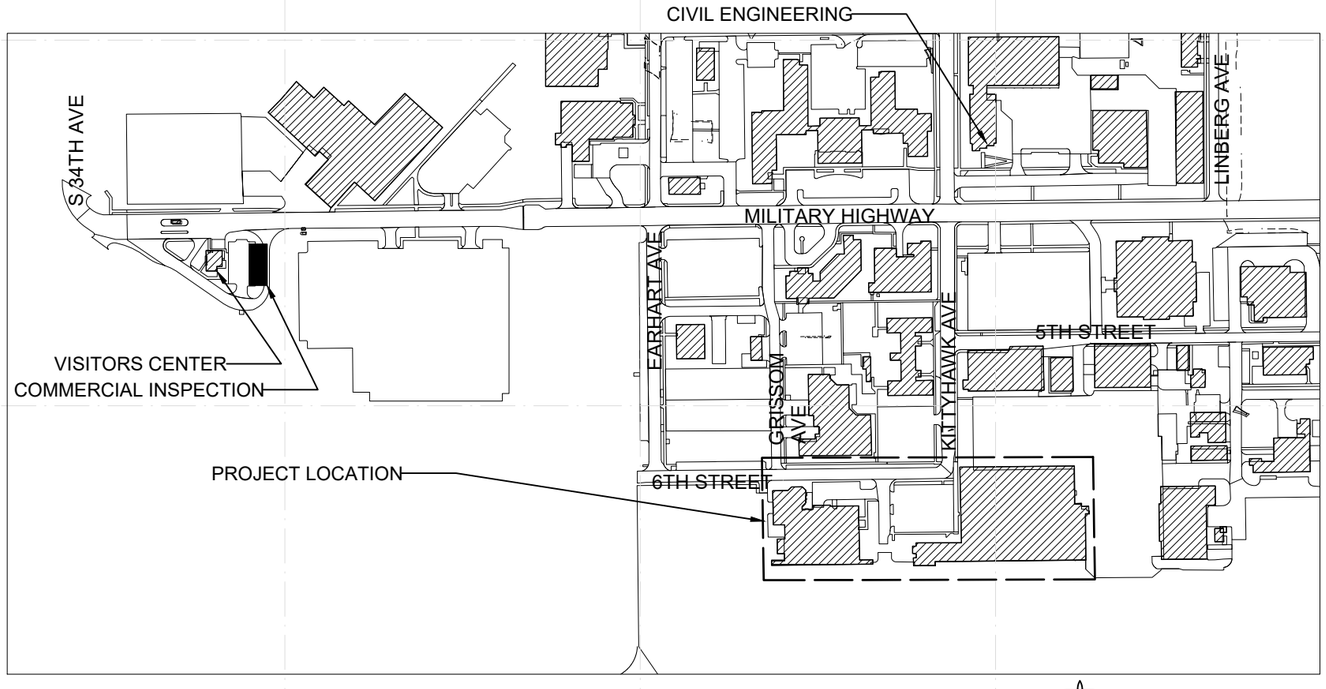
SUSTAIN HANGAR DOORS, BLDGS 821 & 870

SHEET #	DESCRIPTION
T001	TITLE SHEET
G001	FREE ZONE PLAN
G002	PHOTOS
A101	BLDG 821 SOUTH ELEVATION
A102	BLDG 821 NORTH ELEVATION
A103	BLDG 870 SOUTH ELEVATION

STATE OF MINNESOTA
SCALE: N.T.S.



VICINITY MAP
SCALE: N.T.S.



1 PROJECT LOCATION
Scale: N.T.S.

Rev	Date	DESCRIPTION	MARK
	5/5/26		

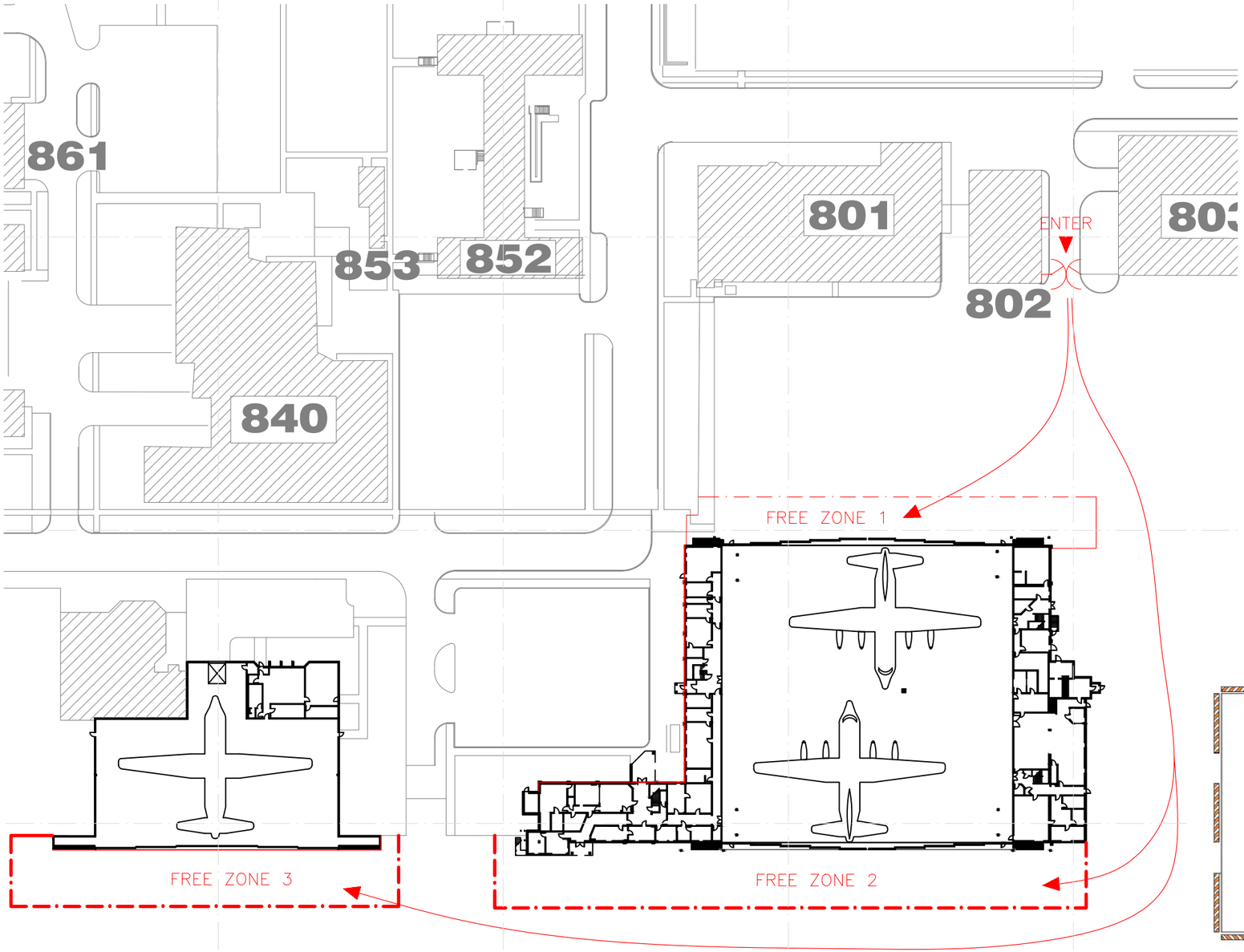
Designed by: CDD
Dwn by: CDD
Reviewed by: TMT
Submitted by: 934 AW

934TH AIRLIFT WING, USAFR
760 MILITARY HIGHWAY
MINNEAPOLIS, MN 55450-2100

934TH CIVIL ENGINEERING
BUILDING 744

SUSTAIN HANGAR DOORS, BLDGS 821 & 870
QJKL 26-0019
TITLE SHEET

SHEET ID:
T001
Sheet 1 of 6



1 FREE ZONE PLAN

Scale: N.T.S.

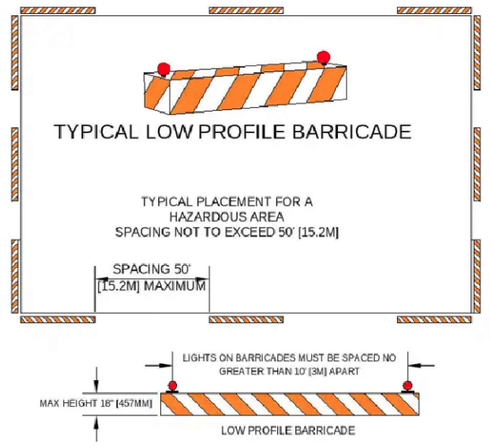
FREE ZONE NOTES:

1. FREE ZONES 1 & 2 ARE LOCATED IN THE RESTRICTED AREA AND MUST BE ENCLOSED WITH A 4' ORANGE SNOW FENCE SUPPORTED BY WATER FILLED LOW-PROFILE BARRIERS WITH RED FLASHING LIGHTS AND SPACED AT 50' MAXIMUM AND IN ACCORDANCE WITH UFC 3-270-04 SEE DETAIL THIS SHEET.

2. FREE ZONE 3 DOES NOT REQUIRE LOW-PROFILE BARRIERS WITH FLASHING LIGHTS AND MAY BE ENCLOSED WITH WEIGHTED STANCHIONS CONNECTED WITH YELLOW ROPE SPACED AT 25' INTERVALS.

3. PARKING/LAYDOWN AREA
THE CONTRACTOR MAY USE AREAS WITHIN THE IDENTIFIED FREE ZONE FOR PARKING AND MATERIAL STORAGE. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF MATERIALS, TOOLS, AND EQUIPMENT.

4. GOVERNMENT ESCORT
THE CONTRACTOR WILL REQUIRE GOVERNMENT ESCORT WHEN TRANSITIONING BETWEEN THE ENTRY GATE AND EACH FREE ZONE. WORK MAY BE PERFORMED INSIDE THE FREE ZONE WITHOUT ESCORT. FURTHER DETAILS TO BE DISCUSSED AT THE PRE-CONSTRUCTION MEETING.



2 LOW PROFILE BARRICADE

N.T.S.

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MINNEAPOLIS, MN 55450-2100

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BUILDING 744

SUSTAIN HANGAR DOORS, BLDGS 821 & 870
QJKL 26-0019

FREE ZONE PLAN

SHEET ID:
G001
Sheet 2 of 6

FINAL DESIGN

1 2 3 4 5 6

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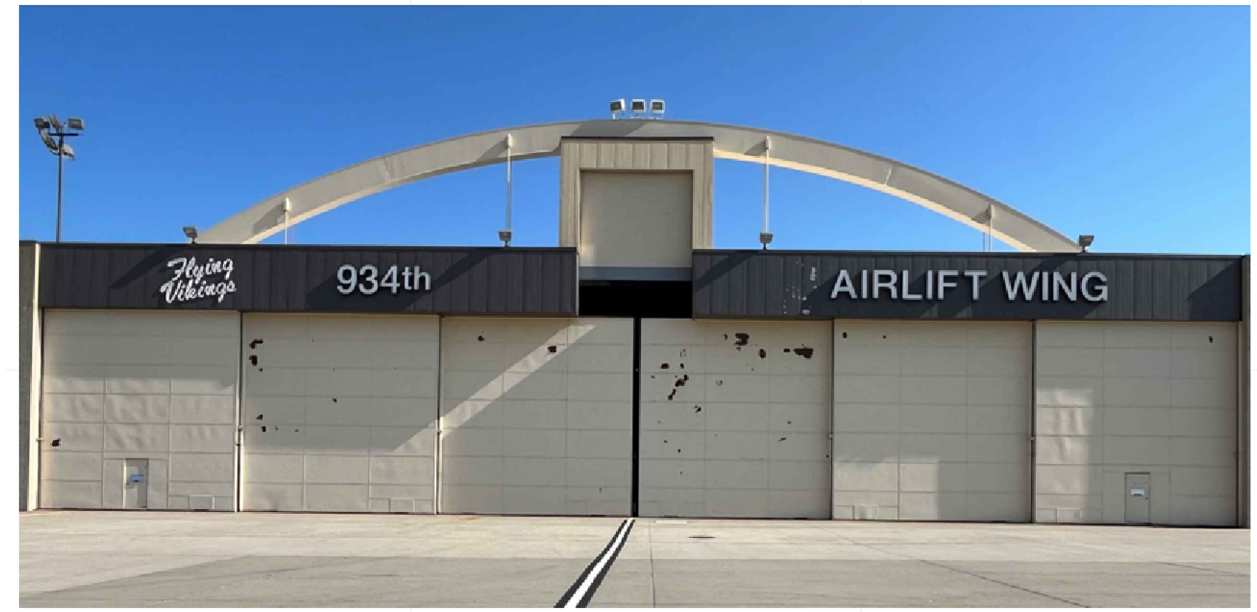

C

(1) BLDG 821 SOUTH ELEVATION

Scale: N.T.S.

(3) BLDG 870 SOUTH ELEVATION

Scale: N.T.S.

B

A

(2) BLDG 821 NORTH ELEVATION

Scale: N.T.S.

MARK	DESCRIPTION	DATE

Rev:

Date: 5/5/26

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Dwn by: CDD

Reviewed by: TMT

Submitted by: 934 AW

934TH AIRLIFT WING, USAFR
760 MILITARY HIGHWAY
MINNEAPOLIS, MN 55450-2100

934TH CIVIL ENGINEERING
BUILDING 744

SUSTAIN HANGAR DOORS, BLDGS 821 & 870

QJKL 26-0019

PHOTOS

FINAL DESIGN

SHEET ID:

G002

Sheet 3 of 6

GENERAL NOTES:

1. BUILDING 821 AND 870 ARE USED FOR AIRCRAFT MAINTENANCE. HANGAR DOORS MAY NEED TO BE OPENED AND CLOSED TO ALLOW AIRCRAFT ENTRY/EXIT. COORDINATE PROJECT PHASING WITH THE PROJECT ENGINEER.

2. SEE SPECIFICATIONS FOR COLORS AND ESTIMATED QUANTITIES.

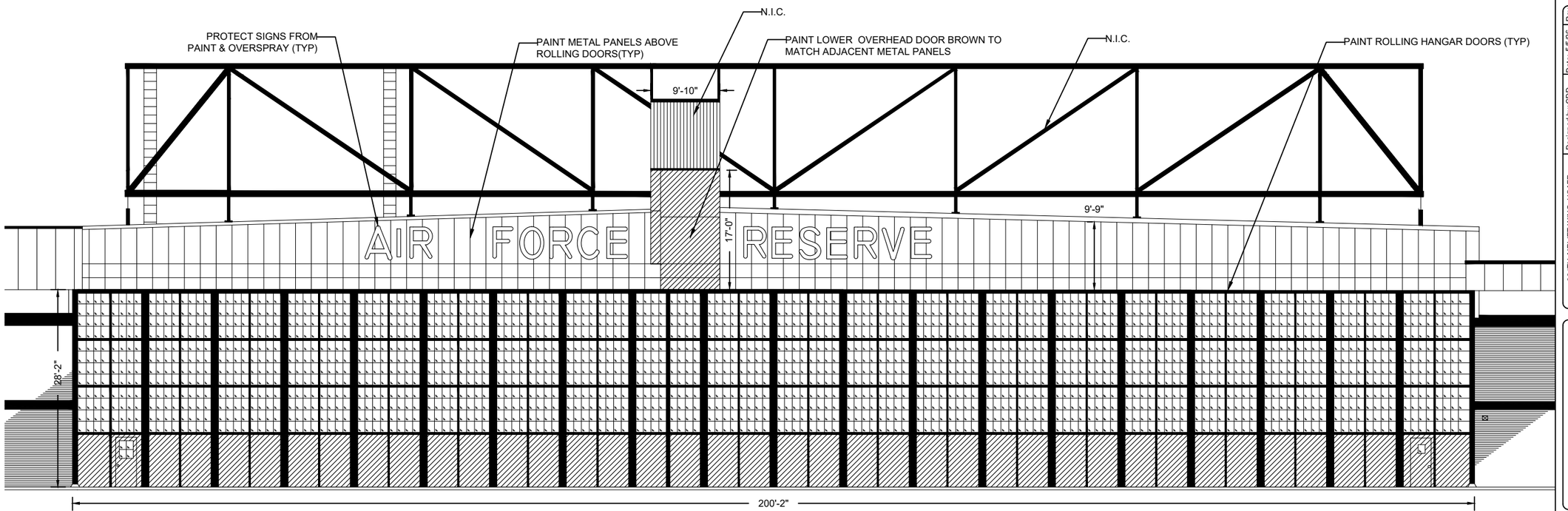
3. PARKING/LAYDOWN AREA
THE CONTRACTOR MAY USE AREAS WITHIN THE IDENTIFIED FREE ZONE FOR PARKING AND MATERIAL STORAGE. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF MATERIALS, TOOLS, AND EQUIPMENT.

3. RESTROOMS
RESTROOM FACILITIES WILL NOT BE AVAILABLE FOR CONTRACTOR USE. CONTRACTOR WILL REQUIRE PORTABLE FACILITIES. PORTABLE FACILITIES SHALL BE RELOCATED AS WORK PROGRESSES TO THE NEXT FREE ZONE. CONSULT THE PROJECT ENGINEER FOR POSITIONING.

4. WATER SOURCE
FIRE HYDRANTS ARE AVAILABLE FOR USE NEAR THE HANGAR. IF WATER IS REQUIRED, THE CONTRACTOR MUST SUPPLY A BACK FLOW PREVENTION DEVICE, HOSE CONNECTION/MANIFOLD EQUIPPED WITH ISOLATION VALVE, AND HYDRANT WRENCH. HOSE BIBS ARE LOCATED INSIDE THE HANGAR BUT MAY ONLY BE AVAILABLE IF THE HANGAR IS UNOCCUPIED.

5. LEAD BASED PAINT
HANGAR DOOR PAINT ON BOTH FACILITIES TESTED POSITIVE FOR LEAD. SEE SPECIFICATIONS.

6. ALL WORK AREAS SHALL BE KEPT CLEAN. THE CONTRACTOR SHALL TAKE APPROPRIATE STEPS TO ENSURE NO DEBRIS OR MATERIALS LEAVE THE WORK AREA. NO CLEANING OF EQUIPMENT WILL BE PERMITTED ON THE INSTALLATION.



1 BLDG 821 - SOUTH ELEVATION

Scale: 1/16" = 1'

MARK	DESCRIPTION	DATE

Rev	Date: 5/5/26		
Designed by: CDD	Dwn by: CDD	Reviewed by: TMT	Submitted by: 934 AW

934TH AIRLIFT WING, USAFR
2700 ARNOLD AVENUE
MINNEAPOLIS, MN 55450-2100

934TH CIVIL ENGINEERING
BUILDING 744

SUSTAIN HANGAR DOORS, BLDGS 821 & 870
QJKL 26-0019

BLDG 821- SOUTH ELEVATION

SHEET ID:
A101
Sheet 4 of 6

FINAL DESIGN

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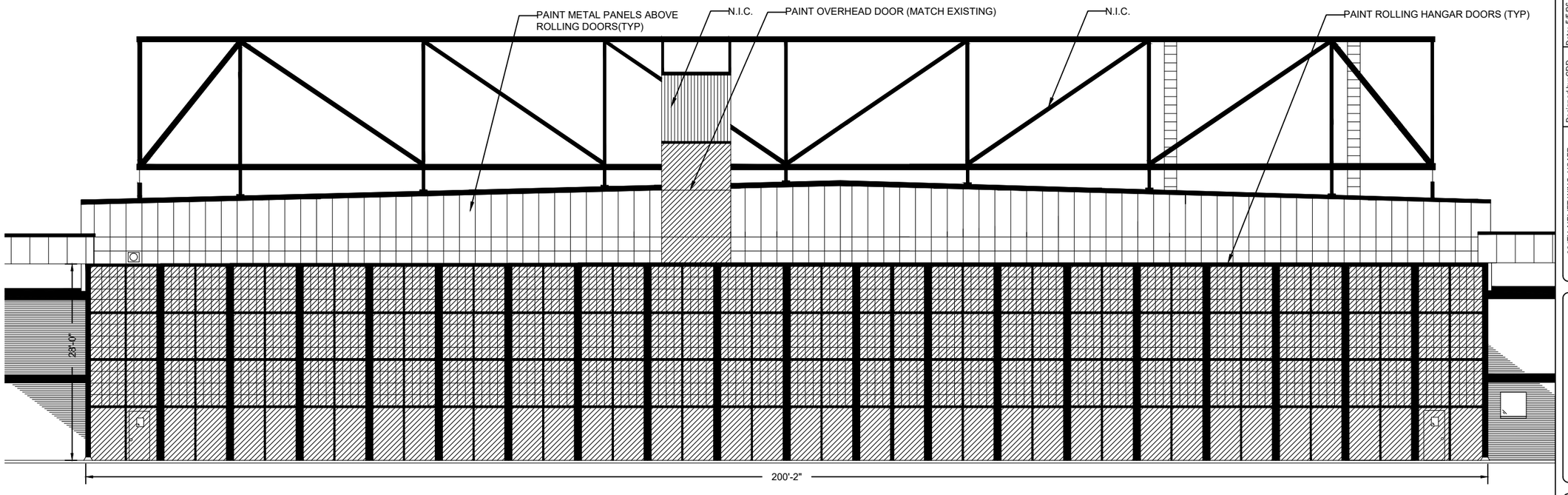

1 BLDG 821 - NORTH ELEVATION
Scale: 1/16" = 1'

MARK	DESCRIPTION	DATE

Rev	Date: 5/5/26
Designed by: CDD	
Dwn by: CDD	
Reviewed by: TMT	
Submitted by: 934 AW	

934TH AIRLIFT WING, USAFR
ARNOLD HALL
MINNEAPOLIS, MN 55450-2100

934TH CIVIL ENGINEERING
BUILDING 744

SUSTAIN HANGAR DOORS, BLDGS 821 & 870
QJKL 26-0019

BLDG 821 - NORTH ELEVATION

SHEET ID:
A102
Sheet 5 of 6

FINAL DESIGN

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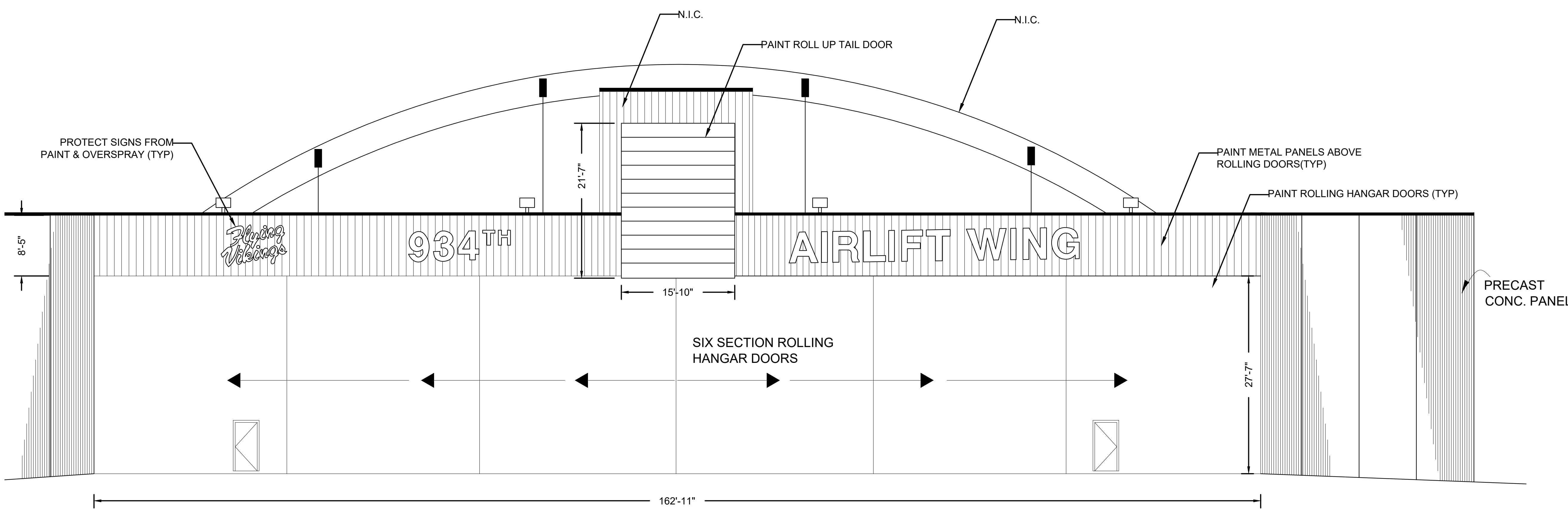

1 BLDG 870 - SOUTH ELEVATION

Scale: 1/16" = 1'

MARK	DESCRIPTION	DATE

Designed by: CDD
Dwn by: CDD
Reviewed by: TMT
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Date: 5/5/26
Rev.

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934TH CIVIL ENGINEERING
BUILDING 744

SUSTAIN HANGAR DOORS, BLDGS 821 & 870
QJKL 26-0019
BLDG 870 - SOUTH ELEVATION

FINAL DESIGN

SHEET ID:
A103
Sheet 6 of 6