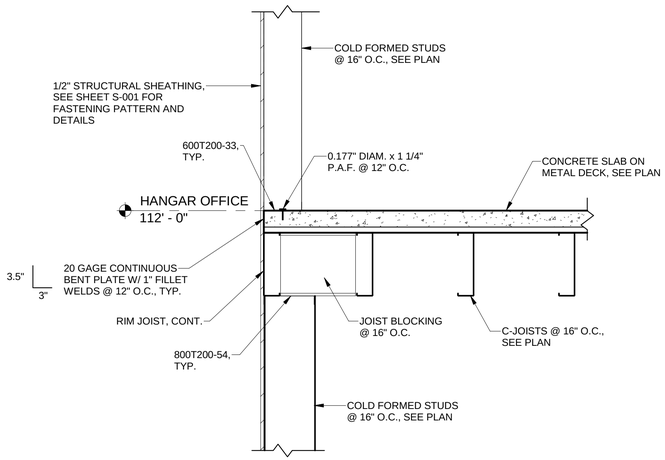
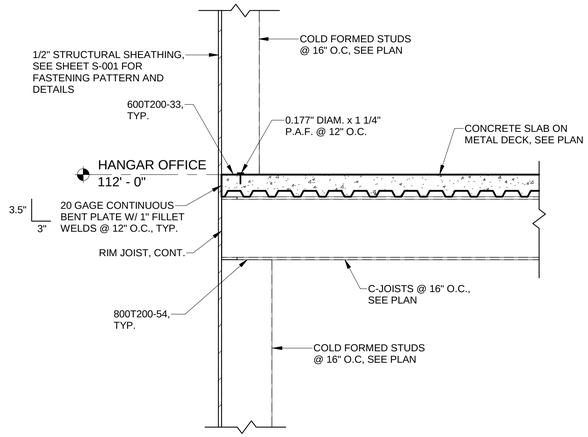
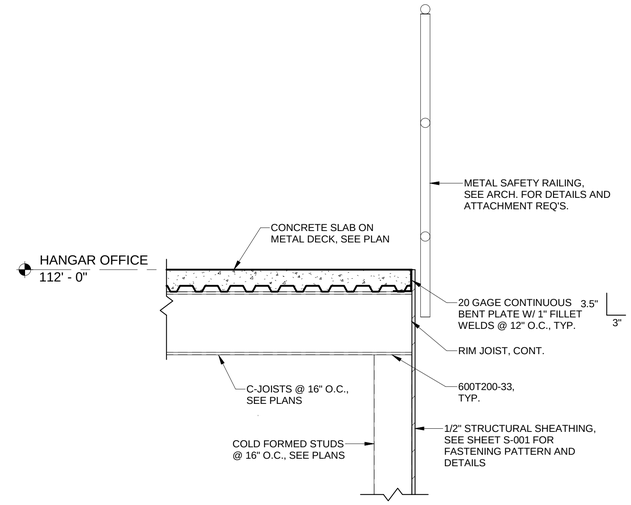


12 S-303 **SECTION**
1" = 1'-0"



13 S-303 **SECTION**
1" = 1'-0"



14 S-303 **SECTION**
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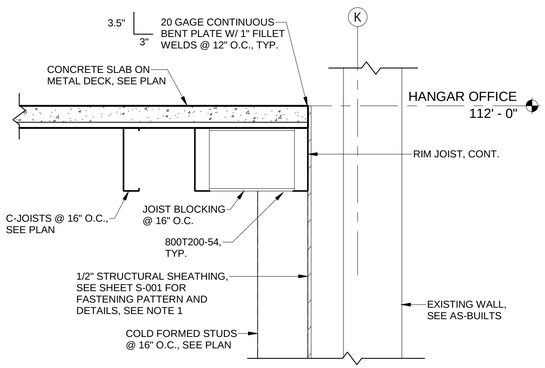
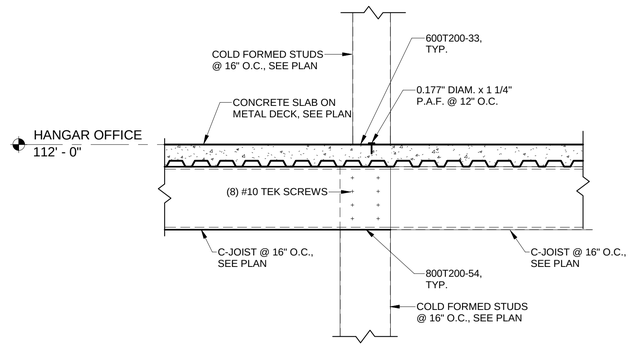
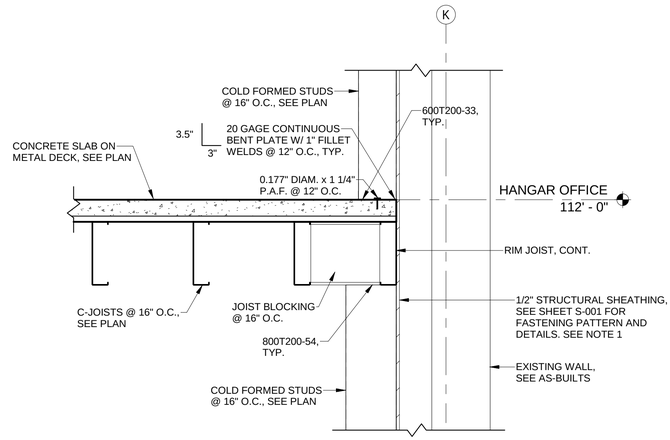


15 S-303 **SECTION**
1" = 1'-0"



16 S-303 **SECTION**
1" = 1'-0"



17 S-303 **SECTION**
1" = 1'-0"

NOTES:
1. CONTRACTOR IS RESPONSIBLE FOR AND SHALL CONSIDER THE MEANS & METHODS REQUIRED TO INSTALL STRUCTURAL SHEATHING TO EXTERIOR FACE OF NEW STUD WALL.

NOTES:
1. CONTRACTOR IS RESPONSIBLE FOR AND SHALL CONSIDER THE MEANS & METHODS REQUIRED TO INSTALL STRUCTURAL SHEATHING TO EXTERIOR FACE OF NEW STUD WALL.

0 1' 2'

US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: K. SHOOK
DRAWN BY: K.SHOOK
CHECKED BY: K. CHAN
SUBMITTED BY: KAREE R. BROCK, P.E.
SIZE: ANSI D
ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
CONTRACT NO.:
FILE NUMBER:
FILE NAME:

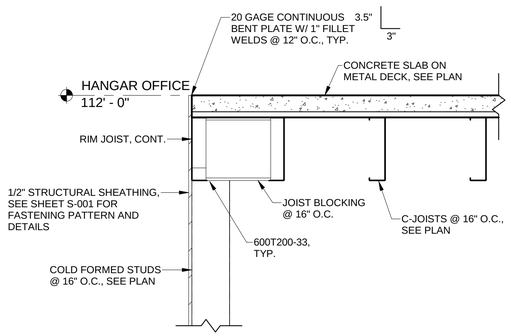
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 837)
MINOT AFB, NORTH DAKOTA

FRAMING SECTIONS & DETAILS

SHEET ID

S-303



18 S-304 **SECTION**
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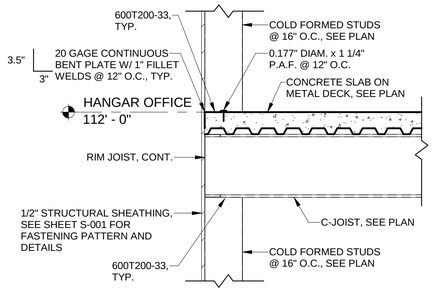

19 S-304 **SECTION**
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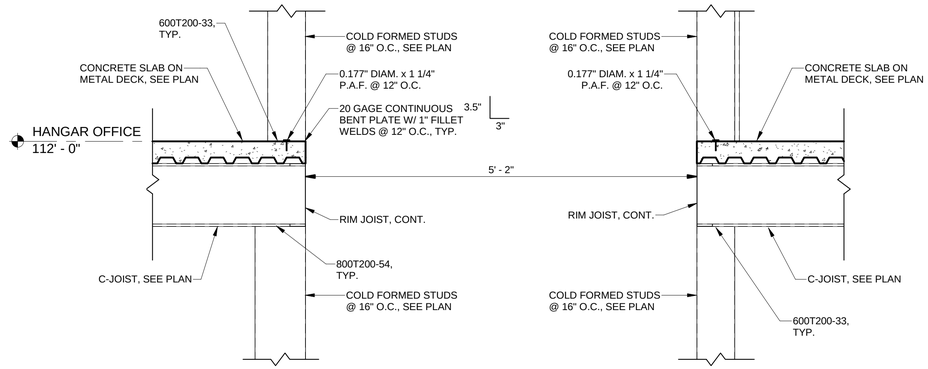
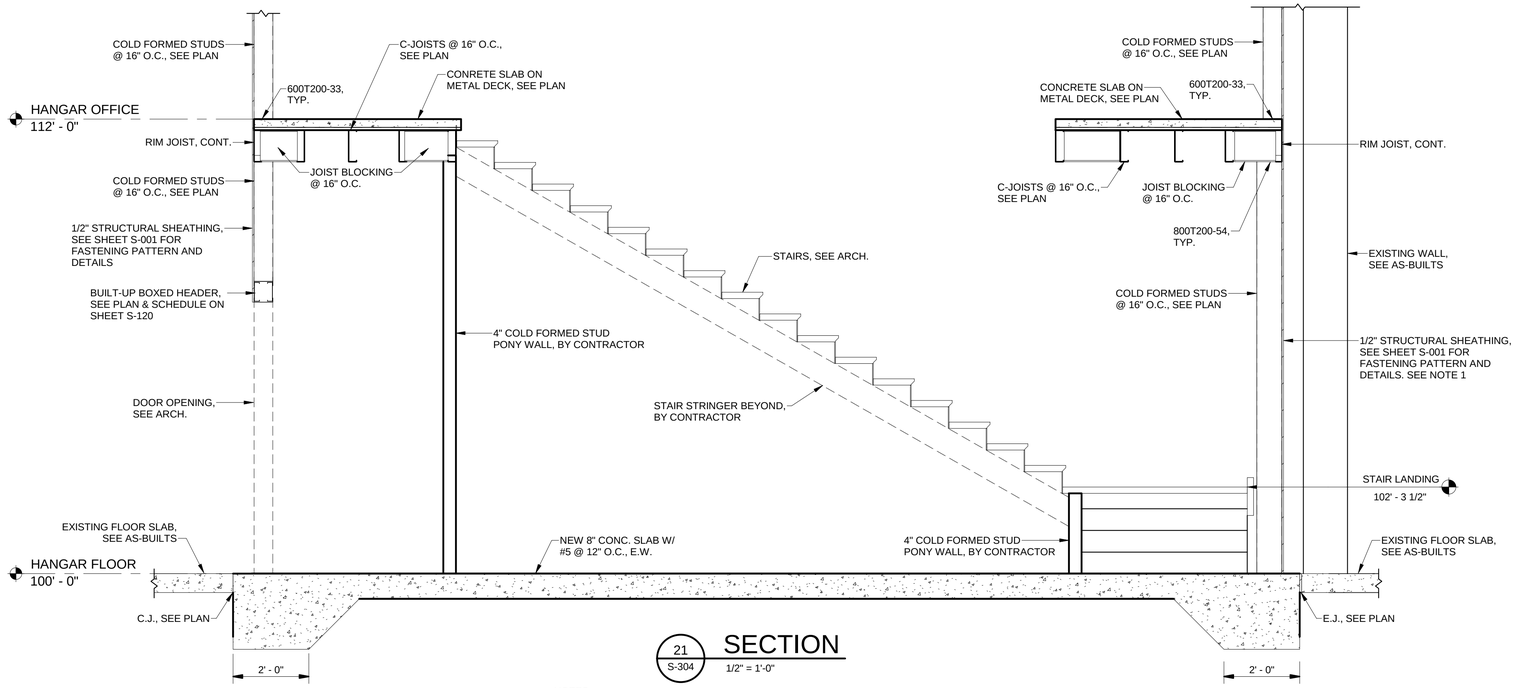


20 S-304 **SECTION**
1" = 1'-0"



21 S-304 **SECTION**
1/2" = 1'-0"

NOTES:
1. CONTRACTOR IS RESPONSIBLE FOR AND SHALL CONSIDER THE MEANS & METHODS REQUIRED TO INSTALL STRUCTURAL SHEATHING TO EXTERIOR FACE OF NEW STUD WALL.

0 1' 2'

US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
CONTRACT NO.:
FILE NUMBER:

DESIGNED BY: K. SHOOK
DRAWN BY: K.SHOOK
CHECKED BY: K. CHAN
SUBMITTED BY: WAYNE R. DEFLOCK, P.E.
SIZE: ANSI 'D'
FILE NAME:

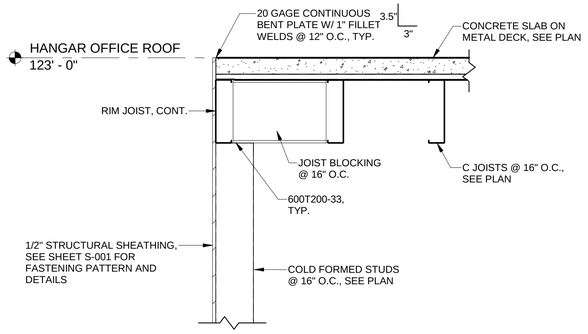
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 937)
MINOT AFB, NORTH DAKOTA

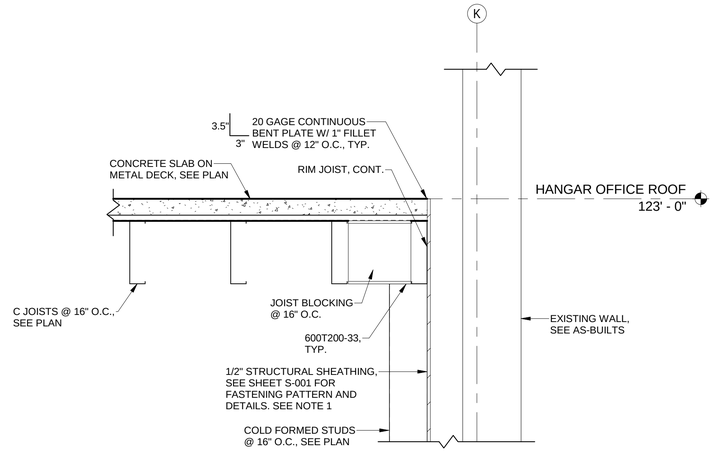
FRAMING SECTIONS & DETAILS

SHEET ID

S-304

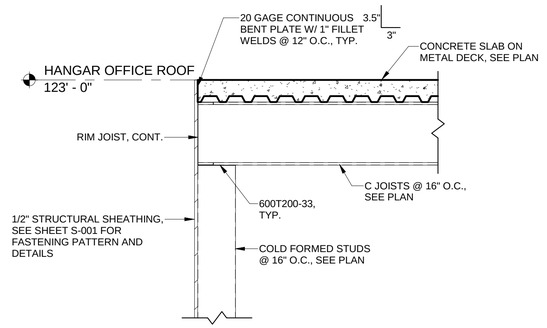


22 S-305 SECTION
1" = 1'-0"

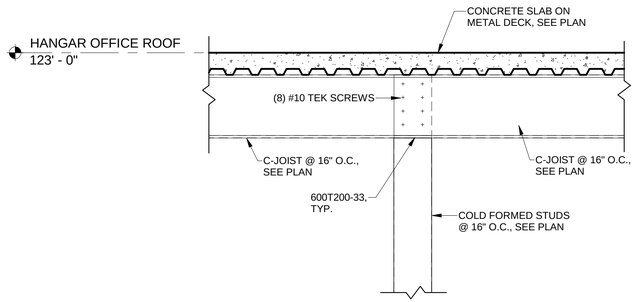


23 S-305 SECTION
1" = 1'-0"

NOTES:
1. CONTRACTOR IS RESPONSIBLE FOR AND SHALL CONSIDER THE MEANS & METHODS REQUIRED TO INSTALL STRUCTURAL SHEATHING TO EXTERIOR FACE OF NEW STUD WALL.



24 S-305 SECTION
1" = 1'-0"



25 S-305 SECTION
1" = 1'-0"

0 1' 2'

0 2' 4' 6'

US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: K. SHOOK	ISSUE DATE: 02/19/2020
DRAWN BY: K.SHOOK	SOLICITATION NO.: W9128F-20-R-0026
CHECKED BY: K. CHAN	CONTRACT NO.:
SUBMITTED BY: KAYNE E. BODDICK, P.E.	FILE NUMBER:
SIZE: ANSI D	FILE NAME:

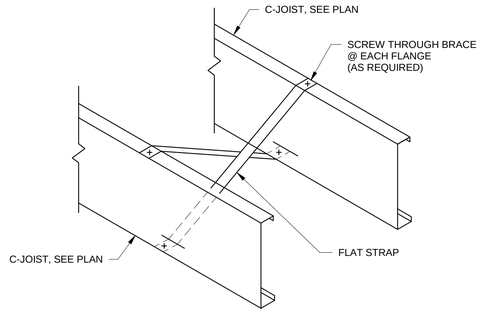
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 837)
MINOT AFB, NORTH DAKOTA

FRAMING SECTIONS & DETAILS

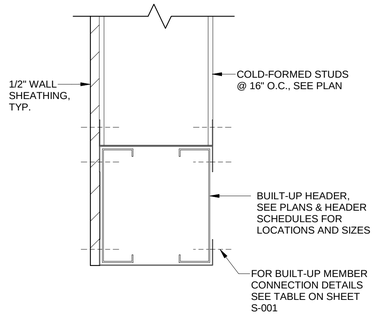
SHEET ID

S-305



1 S-306 TYPICAL FLOOR JOIST BRIDGING DETAIL

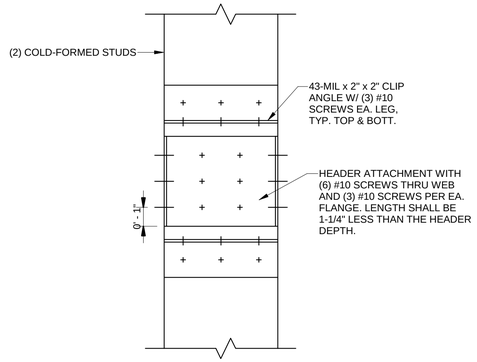
NOT TO SCALE



2 S-306 TYPICAL BOX BEAM HEADER DETAIL

NOT TO SCALE

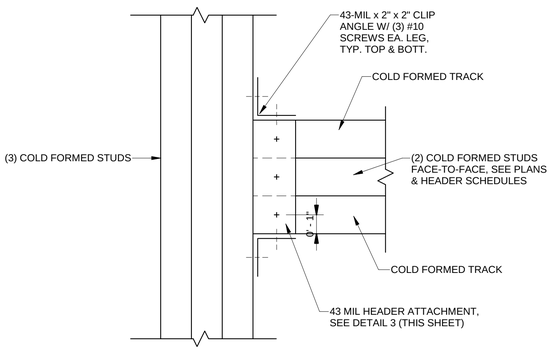
NOTES:
1. WEB STIFFENERS ARE REQUIRED AT EACH SUPPORT.



3 S-306 TYPICAL BOX BEAM HEADER ATTACHMENT DETAIL

NOT TO SCALE

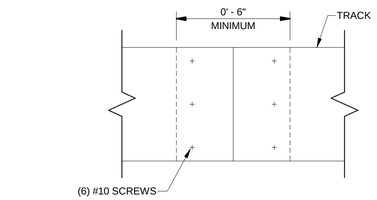
NOTES:
1. WEB STIFFENERS ARE REQUIRED AT EACH SUPPORT.



4 S-306 TYPICAL BOX BEAM HEADER ATTACHMENT DETAIL

NOT TO SCALE

NOTES:
1. WEB STIFFENERS ARE REQUIRED AT EACH SUPPORT.



5 S-306 TYPICAL TRACK SPLICE DETAIL

NOT TO SCALE

US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: K. SHOOK	ISSUE DATE: 02/19/2020
DRAWN BY: K.SHOOK	SOLICITATION NO.: W9128F-20-R-0026
CHECKED BY: K. CHAN	CONTRACT NO.:
SUBMITTED BY: VANESSA R. BODDICK, P.E.	FILE NUMBER:
SIZE: ANSI D	FILE NAME:

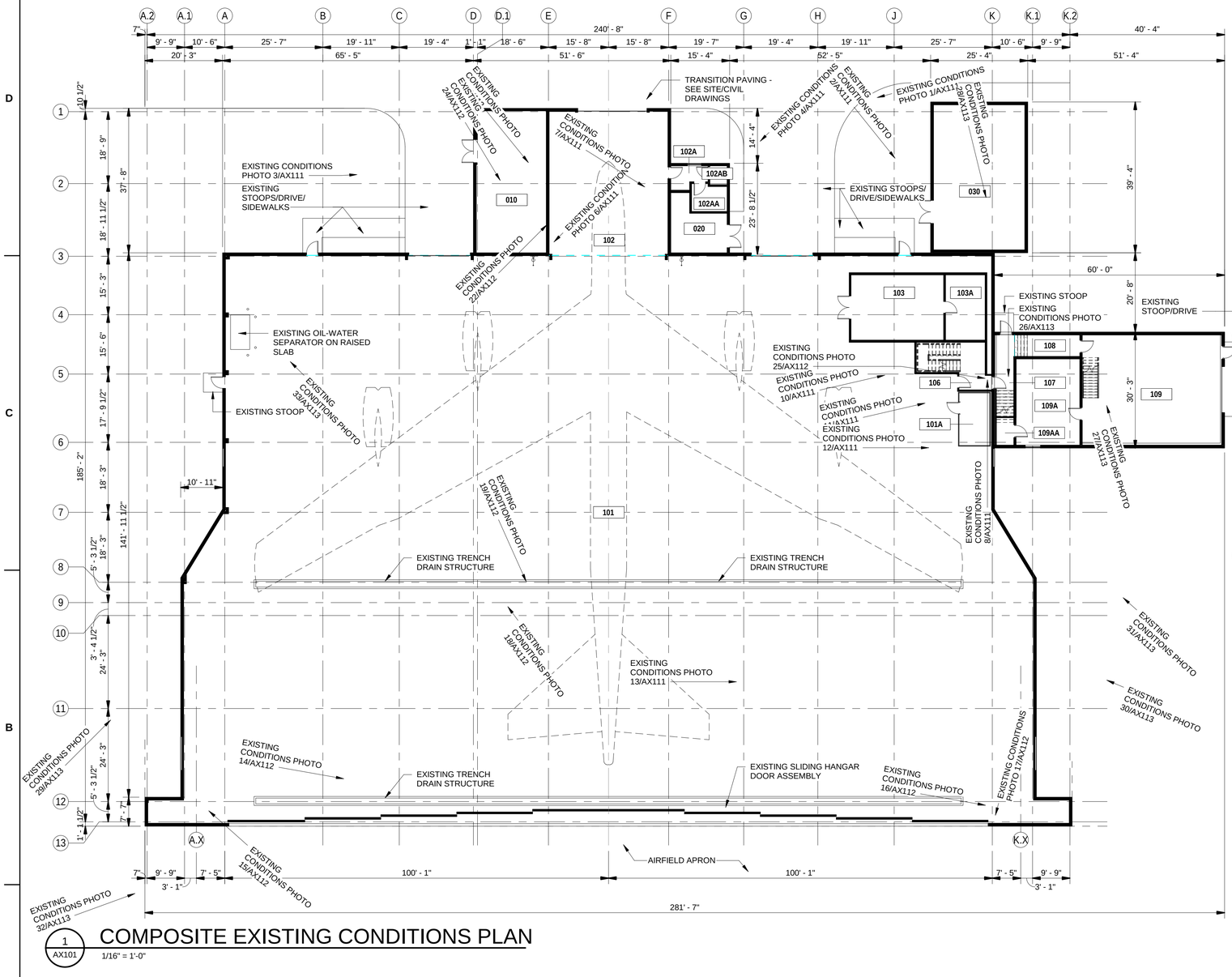
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 837)
MINOT AFB, NORTH DAKOTA

TYPICAL SECTIONS AND DETAILS

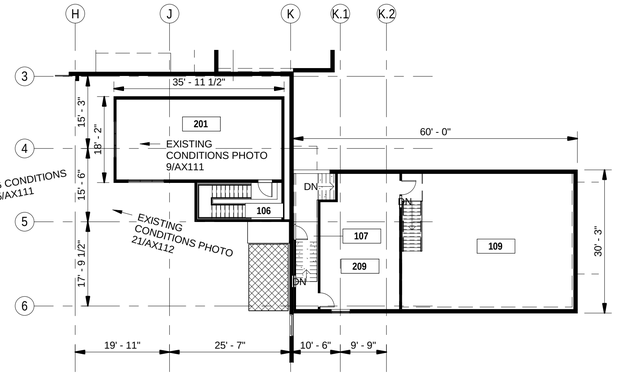
SHEET ID

S-306



COMPOSITE EXISTING CONDITIONS PLAN

1 / AX101 — 1/16" = 1'-0"



COMPOSITE MEZZANINE EXISTING CONDITIONS PLAN

2 / AX101 — 1/16" = 1'-0"

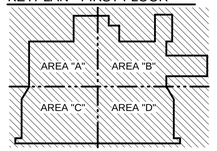
ROOM LEGEND - EXISTING

MARK	NAME	AREA
010	WASH EQUIPMENT ROOM	674 SF
020	EQUIPMENT ROOM	177 SF
030	FIRE SUPPRESSION EQUIPMENT ROOM	912 SF
101	HANGAR (WASH) BAY	29,892 SF
101A	STORAGE CAGE	110 SF
102	NOSE AREA	1,173 SF
102A	HALL	51 SF
102AA	MEN	63 SF
102AB	WOMEN	22 SF
103	PPE	410 SF
103A	PPE STORAGE	175 SF
106	STAIR	178 SF
107	CORRIDOR	97 SF
108	HALL	97 SF
109	POD CENTER	1,054 SF
109A	POD CENTER SHOP	374 SF
109AA	COMM	33 SF
201	HANGAR OFFICE	594 SF
209	POD CENTER OFFICE	461 SF

EXISTING CONDITIONS NOTES
1. THESE PLANS WERE DEVELOPED FROM A COMBINATION OF AS-BUILT DRAWINGS AND FIELD MEASUREMENTS. PLANS INDICATE APPROXIMATE SIZE AND SCALE OF EXISITNG CONDITIONS AND OF WORK TO BE COMPLETED UNDER THIS CONTRACT. MINOR DIMENSIONAL VARIATIONS FROM THOSE SHOWN ARE EXPECTED AND CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO DEMOLITION AND CONSTRUCTION ACTIVITIES. NOTIFY THE CONTRACTING OFFICER OF ANY DEVIATIONS FROM THE CONDITIONS IDENTIFIED IN THE PLANS THAT MAY AFFECT COMPLETION OF WORK AS INDICATED UNDER THIS CONTRACT.
2. THIS FACILITY WAS ORIGINALLY CONSTRUCTED IN 1961 AND HAS BEEN RENOVATED SEVERAL TIMES SINCE THEN. AN ASSORTMENT OF AS-BUILTS ARE AVAILABLE FROM USACE UPON REQUEST, BUT THEY ARE NOT COMPLETE NOR COMPREHENSIVE. IF REQUESTED, NO WARRANT OF CONTENT OR QUALITY OF AS-BUILTS IS MADE.
3. SEE THE DEMOLITION PLANS FOR ITEMS AND SCOPE TO BE REMOVED FROM THIS FACILITY UNDER THIS CONTRACT. SEE THE ARCHITECTURAL PLANS FOR THE FINISHED STATE OF THIS FACILITY FOR THIS CONTRACT.

PLAN NORTH

KEYPLAN - FIRST FLOOR



US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI D
ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
CONTRACT NO.:
FILE NUMBER:
FILE NAME:

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5 (BUILDING 837)
MINOT AFB, NORTH DAKOTA

EXISTING CONDITIONS PLAN

SHEET ID

AX101

IMAGE OF PLAN-EAST FACE OF EXISTING ELECTRICAL EQUIPMENT ROOM. ELECTRICAL TRANSFORMER IN FOREGROUND.

1 AX111 EXTERIOR PHOTO 1
12" = 1'-0"

IMAGE OF PLAN-WEST FACE OF EXISTING FIRE SUPPRESSION EQUIPMENT ROOM. ELECTRICAL TRANSFORMER IN FOREGROUND.

2 AX111 EXTERIOR PHOTO 2
12" = 1'-0"

IMAGE OF PLAN-WEST FACE OF EXISTING AIRCRAFT WASH ROOM.

3 AX111 EXTERIOR PHOTO 3
12" = 1'-0"

IMAGE OF PLAN-EAST FACE OF EXISTING ELECTRICAL EQUIPMENT ROOM AND HANGAR RESTROOM.

4 AX111 EXTERIOR PHOTO 4
12" = 1'-0"

IMAGE OF PLAN-EAST FACE OF MOBILITY CENTER.

5 AX111 EXTERIOR PHOTO 5
12" = 1'-0"

IMAGE OF PLAN-WEST INTERIOR WALL OF NOSE DOCK.

6 AX111 INTERIOR PHOTO 6
12" = 1'-0"

IMAGE OF PLAN-EAST INTERIOR WALL OF NOSE DOCK.

7 AX111 INTERIOR PHOTO 7
12" = 1'-0"

IMAGE OF EXISTING HANGAR OFFICE ACCESS STAIR.

8 AX111 INTERIOR PHOTO 8
12" = 1'-0"

IMAGE OF PLAN-WEST INTERIOR WALL OF HANGAR OFFICE.

9 AX111 INTERIOR PHOTO 9
12" = 1'-0"

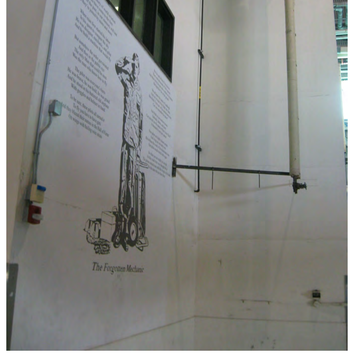


IMAGE OF PLAN-SOUTH WALL OF 2-STORY HANGAR SUPPORT STRUCTURE.

10 AX111 INTERIOR PHOTO 10
12" = 1'-0"

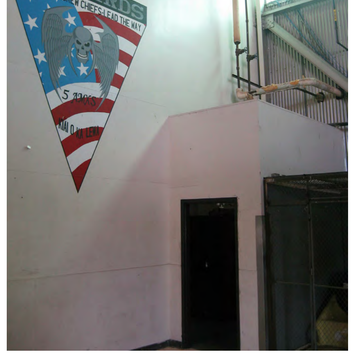


IMAGE OF PLAN-SOUTH WALL OF 2-STORY HANGAR SUPPORT STRUCTURE.

11 AX111 INTERIOR PHOTO 11
12" = 1'-0"

IMAGE OF EQUIPMENT STORAGE CAGE IN HANGAR BAY.

12 AX111 INTERIOR PHOTO 12
12" = 1'-0"

IMAGE OF PLAN-EAST INTERIOR WALL OF HANGAR BAY.

13 AX111 INTERIOR PHOTO 13
12" = 1'-0"

US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI D
FILE NAME:
ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
CONTRACT NO.:
FILE NUMBER:

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 337)
MINOT AFB, NORTH DAKOTA

SELECT EXISTING CONDITIONS PHOTOS

SHEET ID
AX111

IMAGE OF TRENCH DRAIN NEAR TAIL DOCK HANGAR DOOR.

14 AX112 INTERIOR PHOTO 14

12" = 1'-0"

IMAGE OF CLEARANCE BETWEEN INNER-MOST HANGAR DOOR RAIL AND HANGAR DOOR PORTAL FRAME STRUCTURE.

15 AX112 INTERIOR PHOTO 15

12" = 1'-0"

IMAGE OF HANGAR DOOR RAILS AND HANGAR DOOR PORTAL FRAME STRUCTURE.

16 AX112 INTERIOR PHOTO 16

12" = 1'-0"

IMAGE OF DETAIL BETWEEN HANGAR DOOR JAMB CONDITION AND OUTER-MOST HANGAR DOOR PANEL.

17 AX112 INTERIOR PHOTO 17

12" = 1'-0"

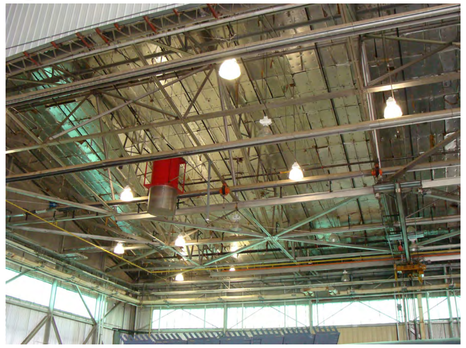


IMAGE OF HANGAR CEILING AND ROOF STRUCTURE INCLUDING RADIANT HEATING, FOAM GENERATOR, LIGHTING, AND OVERHEAD CRANE ASSEMBLY.

18 AX112 INTERIOR PHOTO 18

12" = 1'-0"

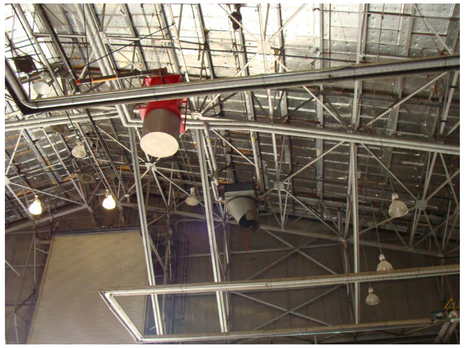


IMAGE OF HANGAR TAIL DOCK ADDITION CEILING AND ROOF STRUCTURE INCLUDING RADIANT HEATING, FOAM GENERATOR, LIGHTING, AND HIGH TAIL DOOR.

19 AX112 INTERIOR PHOTO 19

12" = 1'-0"

IMAGE OF HANGAR CEILING AND ROOF STRUCTURE INCLUDING RADIANT HEATING, FOAM GENERATOR, LIGHTING, AND PRIMARY AND INTERSECTING DRAFT CURTAINS.

20 AX112 INTERIOR PHOTO 20

12" = 1'-0"

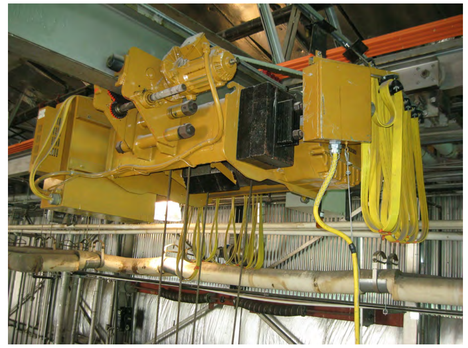


IMAGE OF 1 OF 2 BRIDGE CRANE ASSEMBLIES REQUIRING SERVICING AND LOAD TESTING. SEE SPECIFICATIONS.

21 AX112 INTERIOR PHOTO 21

12" = 1'-0"

IMAGE OF INSIDE OF AIRCRAFT WASH EQUIPMENT ROOM.

22 AX112 INTERIOR PHOTO 22

12" = 1'-0"

IMAGE OF INSIDE OF AIRCRAFT WASH EQUIPMENT ROOM.

23 AX112 INTERIOR PHOTO 23

12" = 1'-0"

IMAGE OF ABANDONED PIPE PENETRATIONS INSIDE OF AIRCRAFT WASH EQUIPMENT ROOM.

24 AX112 INTERIOR PHOTO 24

12" = 1'-0"

IMAGE OF CURB CONDITION AT SILL OF DOOR EXITING HANGAR STRUCTURE INTO POD CENTER.

25 AX112 INTERIOR PHOTO 25

12" = 1'-0"

US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI 'D'
ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
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FILE NAME:

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 837)
MINOT AFB, NORTH DAKOTA

SELECT EXISTING CONDITIONS PHOTOS

SHEET ID

AX112

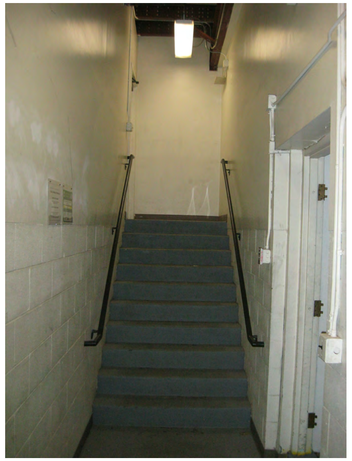


IMAGE OF STAIRS LEADING T POD CENTER OFFICE.

26 AX113 INTERIOR PHOTO 26
12" = 1'-0"

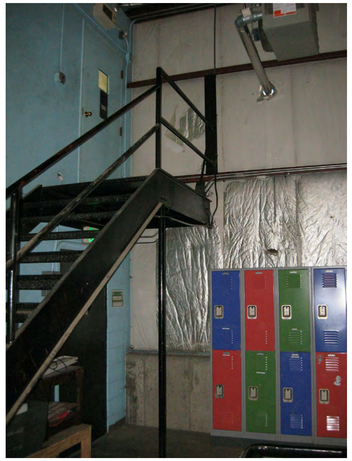


IMAGE OF STAIRS FROM POD CENTER BAY TO POD CENTER OFFICE.

27 AX113 INTERIOR PHOTO 27
12" = 1'-0"

IMAGE OF INSIDE OF FIRE SUPPRESSION EQUIPMENT ROOM.

28 AX113 INTERIOR PHOTO 28
12" = 1'-0"

IMAGE OF PLAN-WEST FACADE OF DOCK 5, LOOKING EAST.

29 AX113 EXTERIOR PHOTO 29
12" = 1'-0"

IMAGE OF PLAN-EAST FACADE OF DOCK 5, LOOKING NORTHWEST.

30 AX113 EXTERIOR PHOTO 30
12" = 1'-0"

IMAGE OF PLAN-EAST FACADE OF DOCK 5 AND POD CENTER, LOOKING NORTH.

31 AX113 EXTERIOR PHOTO 31
12" = 1'-0"

IMAGE OF PLAN-WEST AND SOUTH FACADE OF DOCK 5, LOOKING EAST.

32 AX113 EXTERIOR PHOTO 32
12" = 1'-0"

IMAGE OF EXISTING OIL-WATER SEPARATOR ON CURB, SURROUNDED BY BOLLARDS.

33 AX113 INTERIOR PHOTO 33
12" = 1'-0"

1 2 3 4 5

D C B A

US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI D

ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
CONTRACT NO.:
FILE NUMBER:
FILE NAME:

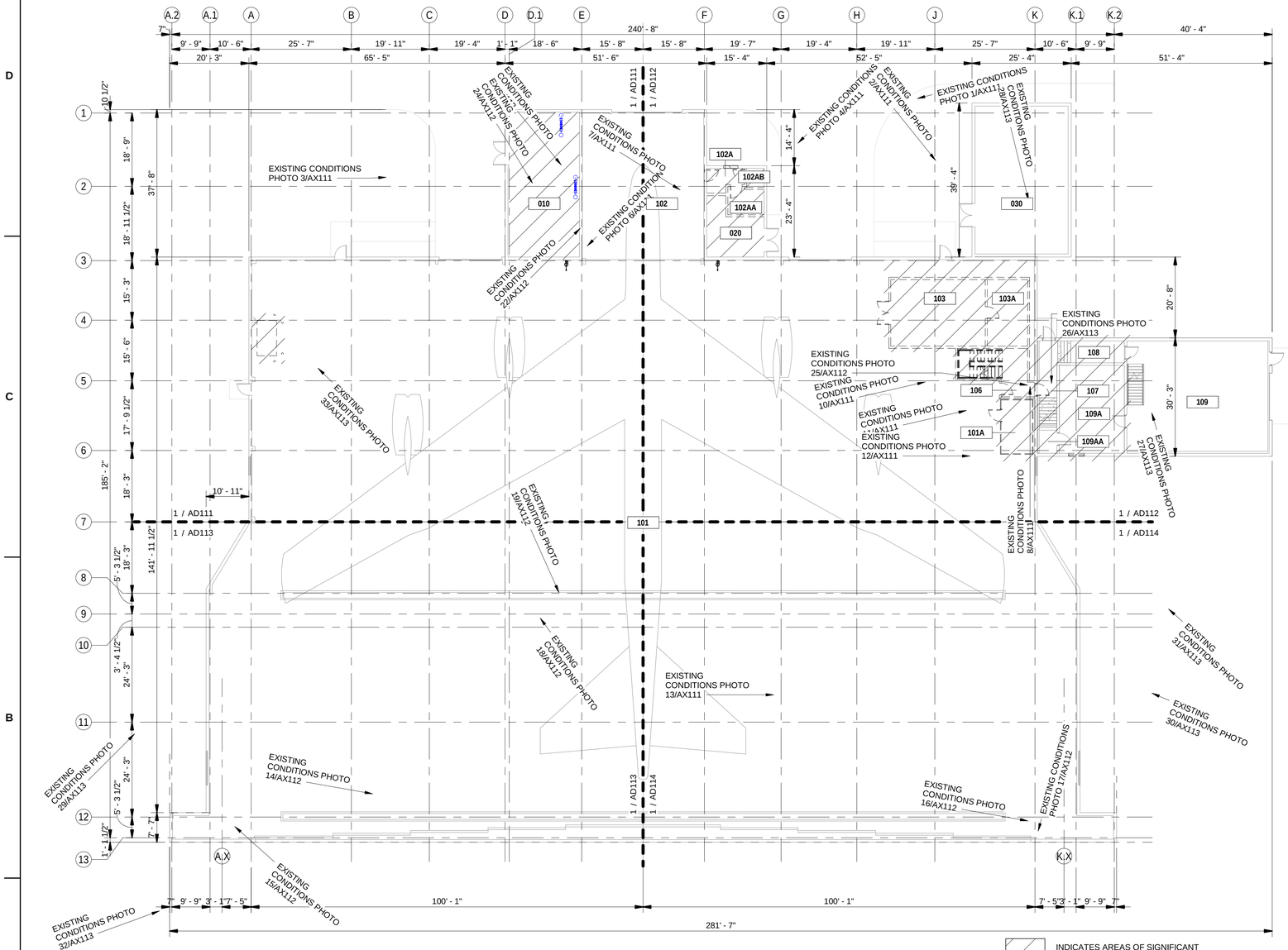
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 837)
MINOT AFB, NORTH DAKOTA

SELECT EXISTING CONDITIONS PHOTOS

SHEET ID

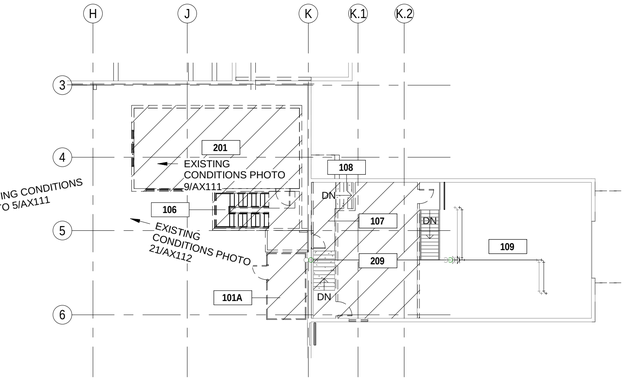
AX113



1 AD101

COMPOSITE DEMOLITION PLAN

1/16" = 1'-0"



4 AD101

COMPOSITE MEZZANINE DEMOLITION PLAN

1/16" = 1'-0"

INDICATES AREAS OF SIGNIFICANT ARCHITECTURAL/STRUCTURAL DEMOLITION - SEE DEMO AREA PLANS FOR DETAILED NOTES.

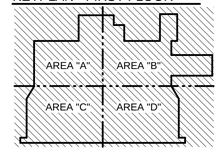
ROOM LEGEND - EXISTING

MARK	NAME	AREA
010	WASH EQUIPMENT ROOM	674 SF
020	EQUIPMENT ROOM	177 SF
030	FIRE SUPPRESSION EQUIPMENT ROOM	912 SF
101	HANGAR (WASH) BAY	29,892 SF
101A	STORAGE CAGE	110 SF
102	NOSE AREA	1,173 SF
102A	HALL	51 SF
102AA	MEN	63 SF
102AB	WOMEN	22 SF
103	PPE	410 SF
103A	PPE STORAGE	175 SF
106	STAIR	178 SF
107	CORRIDOR	97 SF
108	HALL	97 SF
109	POD CENTER	1,054 SF
109A	POD CENTER SHOP	374 SF
109AA	COMM	33 SF
201	HANGAR OFFICE	594 SF
209	POD CENTER OFFICE	461 SF

DEMOLITION NOTES
1. ALL DEMOLITION SHALL BE EXECUTED IN A CLEAN AND ORGANIZED MANNER.
2. PROTECT CONSTRUCTION AND EQUIPMENT TO REMAIN AT ALL TIMES. COORDINATE REMOVAL OR RELOCATION OF ANY MOVEABLE EQUIPMENT WITH THE CONTRACTING OFFICER.
3. ALL ITEM LOCATIONS ON PLANS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
4. BACKFILL ANY REQUIRED EXCAVATION, REPLACE WITH SUITABLE FILL.
5. SEE DEMOLITION AREA PLANS FOR DETAILED DEMOLITION NOTES.
6. SEE OTHER DISCIPLINE DEMOLITION DRAWINGS FOR THE COMBINED SCOPE OF DEMOLITION UNDER THIS CONTRACT.
7. ROOM NUMBERS AS LISTED ON DEMOLITION PLANS REFLECT EXISTING CONDTIONS AND SHALL BE OVERRIDDEN BY UPDATED ROOM NUMBERS ON NEW CONSTRUCTION PLANS.
8. DASHED LINES ON DEMOLITION PLANS DENOTE ITEMS TO BE DEMOLISHED.
9. THIS FACILITY CONTAINS ASBESTOS AND LEAD-CONTAINING MATERIALS AS DESCRIBED IN THE HAZARDOUS MATERIAL SURVEY DATED DECEMBER 2016. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABATEMENT AND REMOVAL OF SUCH ITEMS WHEN REQUIRED BY DEMOLITION ACTIVITIES DESCRIBED IN THE DESIGN DOCUMENTS. ABATEMENT AND REMOVAL ACTIVITIES SHALL BE CONDUCTED IN COMPLIANCE WITH THE APPROPRIATE SPECIFICATIONS AND THEIR REFERENCES.

PLAN NORTH

KEYPLAN - FIRST FLOOR



US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY:	ISSUE DATE:
A. TEMEYER	02/19/2020
DRAWN BY:	SOLICITATION NO.:
A. TEMEYER	W9128F-20-R-0026
CHECKED BY:	CONTRACT NO.:
B. GORUP	
SUBMITTED BY:	FILE NUMBER:
B. GORUP	
SIZE:	FILE NAME:
ANSI D	

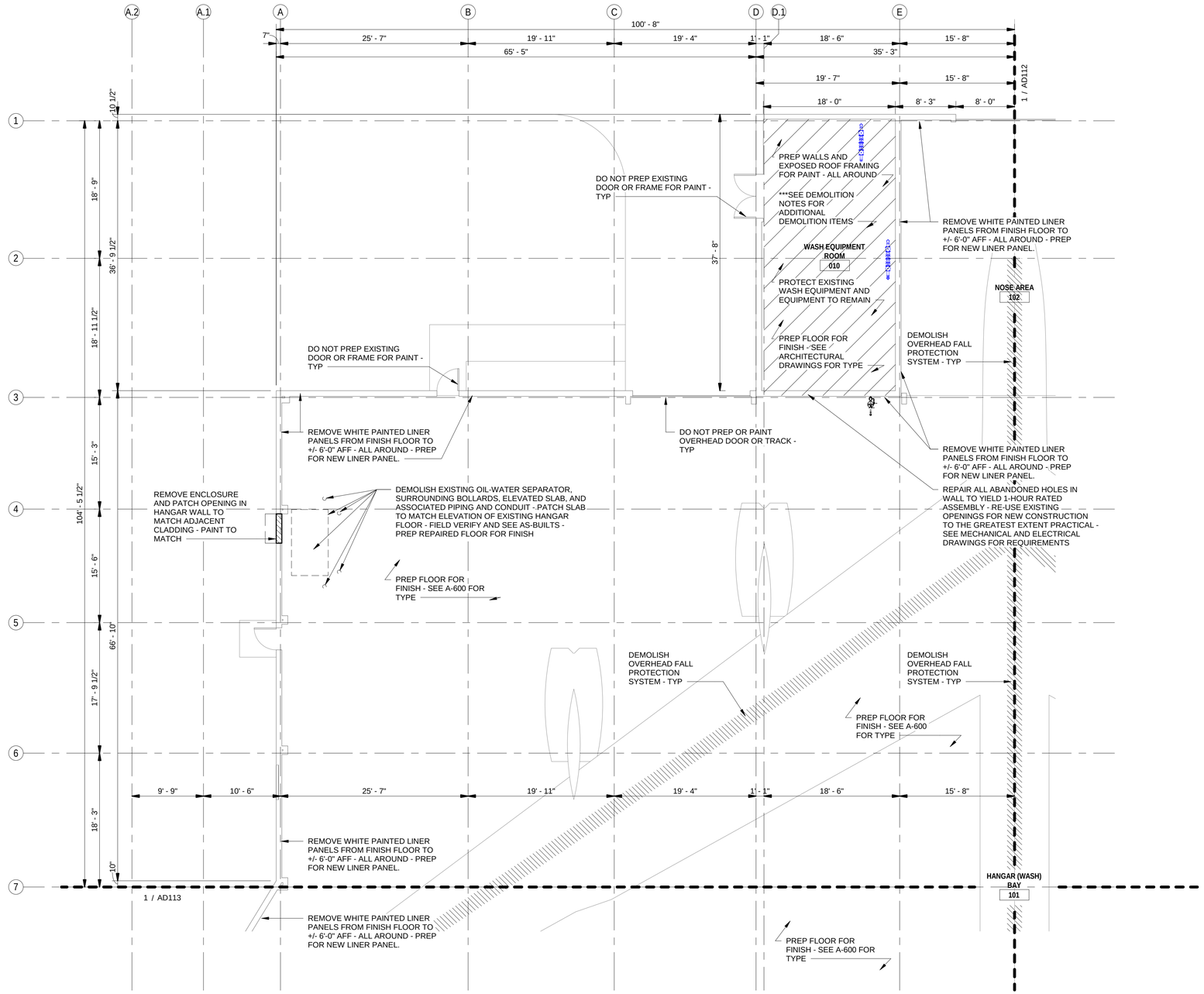
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 857)
MINOT AFB, NORTH DAKOTA

COMPOSITE DEMOLITION PLAN

SHEET ID

AD101



1 / AD111

HANGAR DEMO PLAN - AREA A

1/8" = 1'-0"

ROOM LEGEND - EXISTING

MARK	NAME	AREA
010	WASH EQUIPMENT ROOM	674 SF
020	EQUIPMENT ROOM	177 SF
030	FIRE SUPPRESSION EQUIPMENT ROOM	912 SF
101	HANGAR (WASH) BAY	29,892 SF
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102A	HALL	51 SF
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4. SEE COMPOSITE DEMOLITION PLAN FOR EXISTING CONDITIONS PHOTO REFERENCES.
5. SEE OTHER DISCIPLINE DEMOLITION DRAWINGS FOR THE COMBINED SCOPE OF DEMOLITION UNDER THIS CONTRACT.
6. SEE OTHER DISCIPLINE PLANS FOR CONDUIT, PIPING, AND OTHER BUILDING SYSTEMS TO BE DEMOLISHED. INTENT IS TO REMOVE ALL ITEMS IN A MANNER THE PRESERVES THE INTEGRITY OF THE BUILDING ENVELOPE. PATCH, SEAL, INSULATE, AND FIRE-RATE ALL ABANDONED OPENINGS TO MATCH ADJACENT CONSTRUCTION.
7. MINIMIZE EXISTING SLAB DEMO TO THE GREATEST EXTENT PRACTICAL. IN LOCATIONS WHERE SLAB IS TO BE DEMOLISHED, ONLY REMOVE THE AMOUNT REQUIRED TO INSTALL THE SYSTEMS, INFRASTRUCTURE, AND FOUNDATIONS NECESSARY TO PRODUCE THE FINISHED STATE AS SHOWN IN THE PLANS. CONSULT THE CONTRACTING OFFICER WITH ANY QUESTIONS.
8. REMOVE ALL FINISHES, FIXTURES, AND EQUIPMENT IN RESTROOMS. FINISHED STATE OF DEMOLITION SHALL EXPOSE LOAD BEARING MASONRY WALLS, STEEL STRUCTURE ABOVE, AND FLOOR SLAB.
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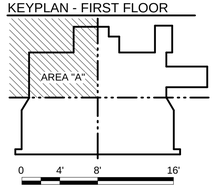
12. EXISTING OVERHEAD DOORS SHALL REMAIN. REPLACE GUIDES AND OPERATOR COMPONENTS PER ELECTRICAL DRAWINGS AND SPECIFICATION 08 33 23.

PLAN NORTH

KEYPLAN - FIRST FLOOR



US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI 'D'
ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
CONTRACT NO.:
FILE NUMBER:
FILE NAME:

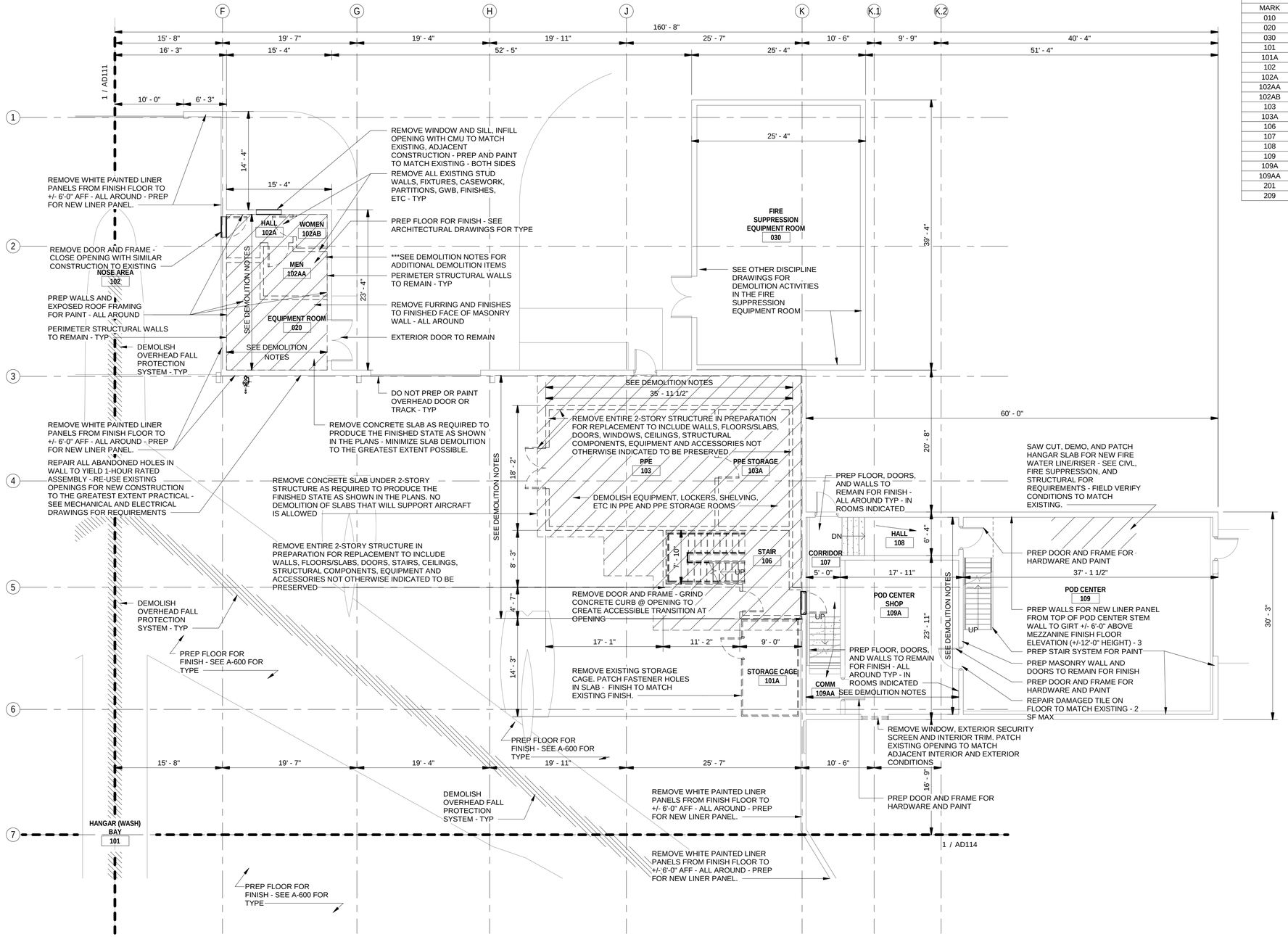
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5 (BUILDING 837)
MINOT AFB, NORTH DAKOTA

HANGAR DEMOLITION PLAN - AREA A

SHEET ID

AD111



1 AD112 HANGAR DEMO PLAN - AREA B

1/8" = 1'-0"

ROOM LEGEND - EXISTING

MARK	NAME	AREA
010	WASH EQUIPMENT ROOM	674 SF
020	EQUIPMENT ROOM	177 SF
030	FIRE SUPPRESSION EQUIPMENT ROOM	912 SF
101	HANGAR (WASH) BAY	29,892 SF
101A	STORAGE CAGE	110 SF
102	NOSE AREA	1,173 SF
102A	HALL	51 SF
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106	STAIR	178 SF
107	CORRIDOR	97 SF
108	HALL	97 SF
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109A	POD CENTER SHOP	374 SF
109AA	COMM	33 SF
201	HANGAR OFFICE	594 SF
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3. BACKFILL ANY REQUIRED EXCAVATION, REPLACE WITH SUITABLE FILL.
4. SEE COMPOSITE DEMOLITION PLAN FOR EXISTING CONDITIONS PHOTO REFERENCES.
5. SEE OTHER DISCIPLINE DEMOLITION DRAWINGS FOR THE COMBINED SCOPE OF DEMOLITION UNDER THIS CONTRACT.
6. SEE OTHER DISCIPLINE PLANS FOR CONDUIT, PIPING, AND OTHER BUILDING SYSTEMS TO BE DEMOLISHED. INTENT IS TO REMOVE ALL ITEMS IN A MANNER THE PRESERVES THE INTEGRITY OF THE BUILDING ENVELOPE. PATCH, SEAL, INSULATE, AND FIRE-RATE ALL ABANDONED OPENINGS TO MATCH ADJACENT CONSTRUCTION.
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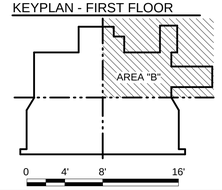
12. EXISTING OVERHEAD DOORS SHALL REMAIN. REPLACE GUIDES AND OPERATOR COMPONENTS PER ELECTRICAL DRAWINGS AND SPECIFICATION 08 33 23.

PLAN NORTH

KEYPLAN - FIRST FLOOR



US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI 'D'
ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
CONTRACT NO.:
FILE NUMBER:
FILE NAME:

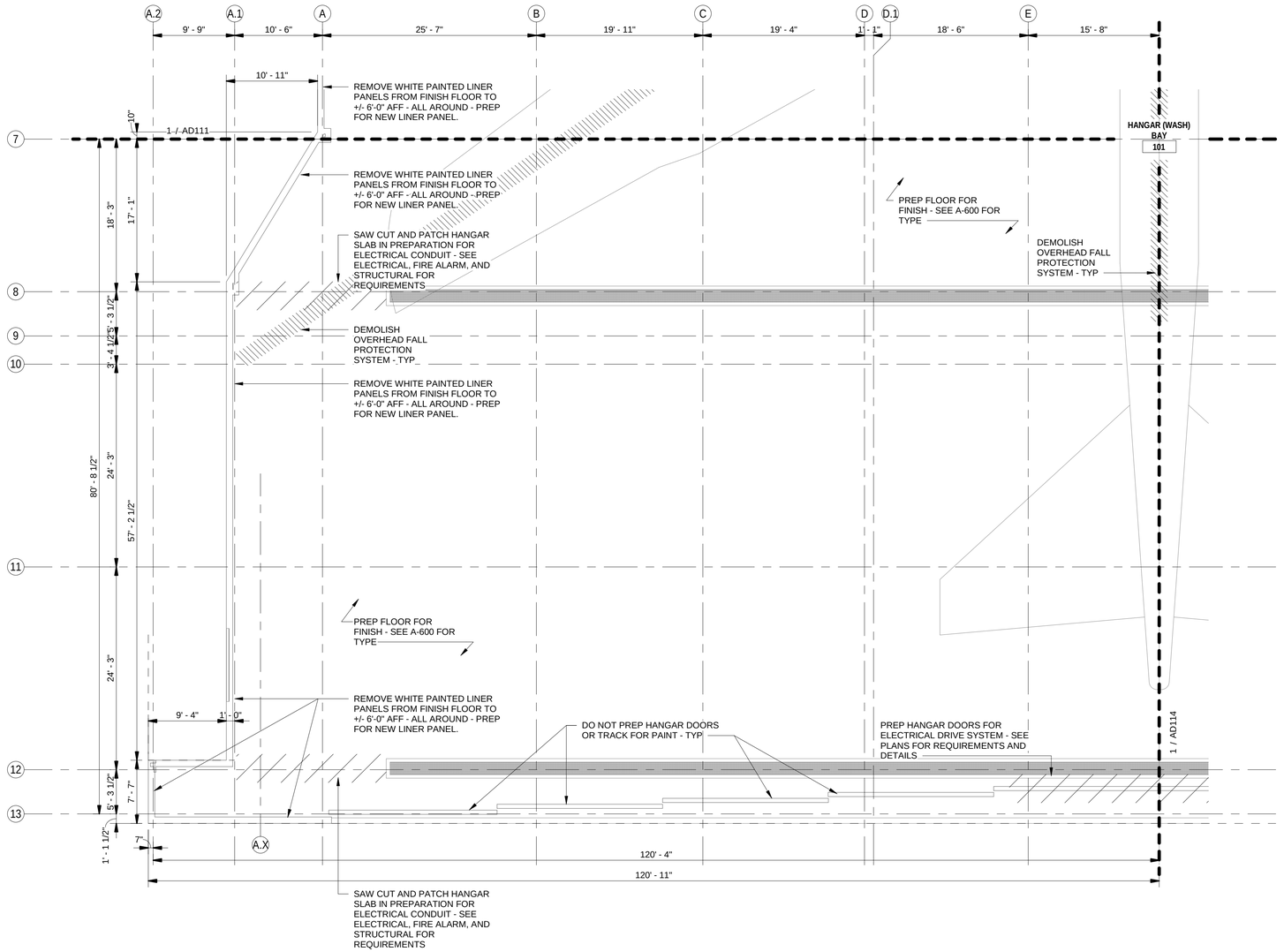
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5 (BUILDING 837)
MINOT AFB, NORTH DAKOTA

HANGAR DEMOLITION PLAN - AREA B

SHEET ID

AD112



1 AD113

HANGAR DEMO PLAN - AREA C

1/8" = 1'-0"

ROOM LEGEND - EXISTING

MARK	NAME	AREA
010	WASH EQUIPMENT ROOM	674 SF
020	EQUIPMENT ROOM	177 SF
030	FIRE SUPPRESSION EQUIPMENT ROOM	912 SF
101	HANGAR (WASH) BAY	29,892 SF
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109A	POD CENTER SHOP	374 SF
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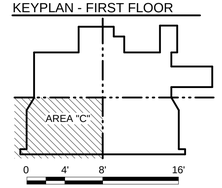
12. EXISTING OVERHEAD DOORS SHALL REMAIN. REPLACE GUIDES AND OPERATOR COMPONENTS PER ELECTRICAL DRAWINGS AND SPECIFICATION 08 33 23.

PLAN NORTH

KEYPLAN - FIRST FLOOR



US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI 'D'
ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
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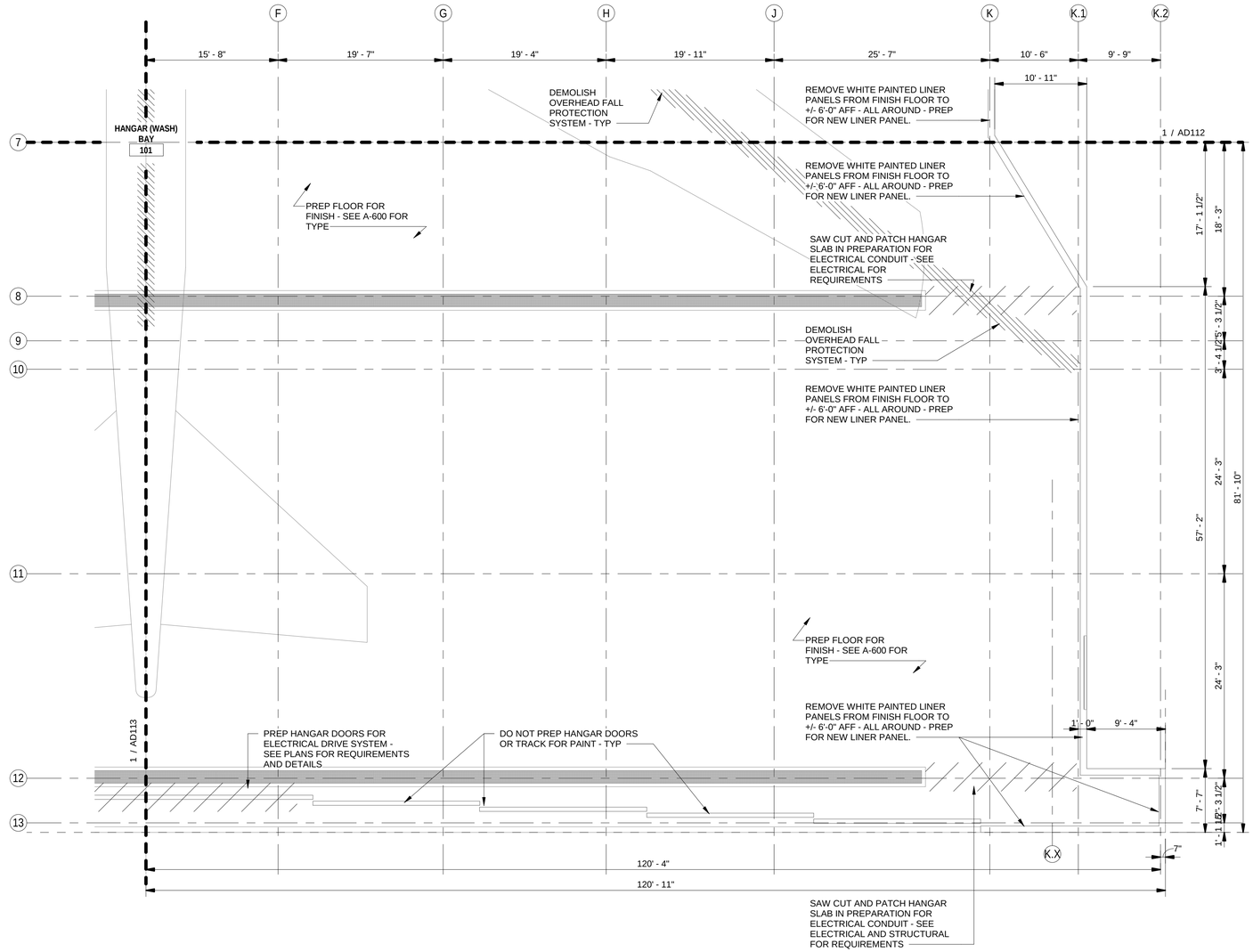
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616 CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 637)
MINOT AFB, NORTH DAKOTA

HANGAR DEMOLITION PLAN - AREA C

SHEET ID

AD113



ROOM LEGEND - EXISTING

MARK	NAME	AREA
010	WASH EQUIPMENT ROOM	674 SF
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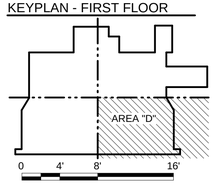
PLAN NORTH

KEYPLAN - FIRST FLOOR



1 / AD114

HANGAR DEMO PLAN - AREA D

1/8" = 1'-0"

US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
CONTRACT NO.:
FILE NUMBER:

DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI 'D'
FILE NAME:

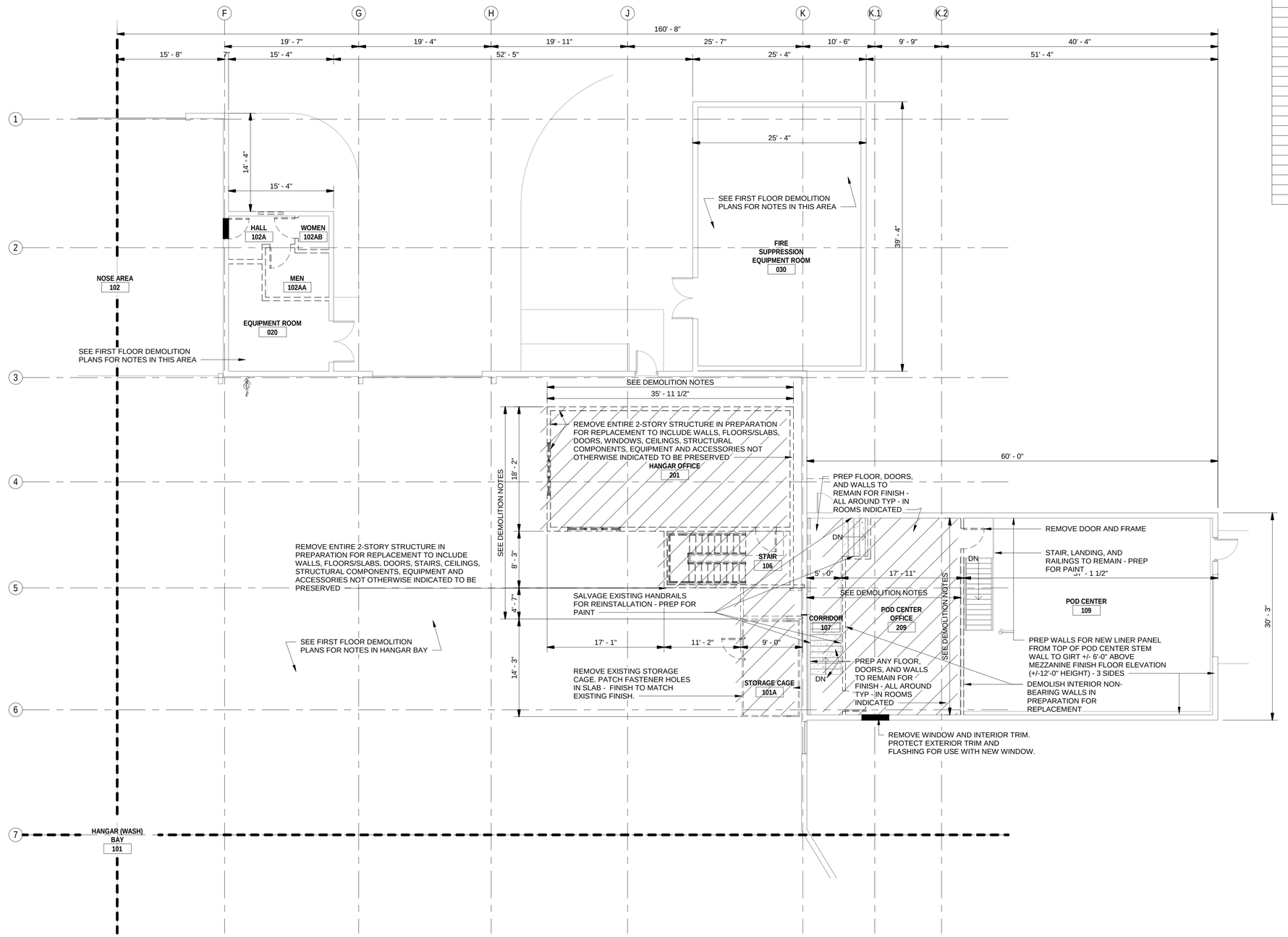
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 837)
MINOT AFB, NORTH DAKOTA

HANGAR DEMOLITION PLAN - AREA D

SHEET ID

AD114



1 AD122 MEZZANINE DEMO PLAN - AREA B

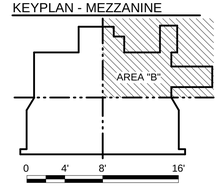
1/8" = 1'-0"

ROOM LEGEND - EXISTING		
MARK	NAME	AREA
010	WASH EQUIPMENT ROOM	674 SF
020	EQUIPMENT ROOM	177 SF
030	FIRE SUPPRESSION EQUIPMENT ROOM	912 SF
101	HANGAR (WASH) BAY	29,892 SF
101A	STORAGE CAGE	110 SF
102	NOSE AREA	1,173 SF
102A	HALL	51 SF
102AA	MEN	63 SF
102AB	WOMEN	22 SF
103	PPE	410 SF
103A	PPE STORAGE	175 SF
106	STAIR	178 SF
107	CORRIDOR	97 SF
108	HALL	97 SF
109	POD CENTER	1,054 SF
109A	POD CENTER SHOP	374 SF
109AA	COMM	33 SF
201	HANGAR OFFICE	594 SF
209	POD CENTER OFFICE	461 SF

DEMOLITION NOTES
1. ALL DEMOLITION SHALL BE EXECUTED IN A CLEAN AND ORGANIZED MANNER.
2. PROTECT CONSTRUCTION AND EQUIPMENT TO REMAIN AT ALL TIMES. COORDINATE REMOVAL OR RELOCATION OF ANY MOVEABLE EQUIPMENT WITH THE CONTRACTING OFFICER.
3. BACKFILL ANY REQUIRED EXCAVATION, REPLACE WITH SUITABLE FILL.
4. SEE COMPOSITE DEMOLITION PLAN FOR EXISTING CONDITIONS PHOTO REFERENCES.
5. SEE OTHER DISCIPLINE DEMOLITION DRAWINGS FOR THE COMBINED SCOPE OF DEMOLITION UNDER THIS CONTRACT.
6. SEE OTHER DISCIPLINE PLANS FOR CONDUIT, PIPING, AND OTHER BUILDING SYSTEMS TO BE DEMOLISHED. INTENT IS TO REMOVE ALL ITEMS IN A MANNER THE PRESERVES THE INTEGRITY OF THE BUILDING ENVELOPE. PATCH, SEAL, INSULATE, AND FIRE-RATE ALL ABANDONED OPENINGS TO MATCH ADJACENT CONSTRUCTION.
7. MINIMIZE EXISTING SLAB DEMO TO THE GREATEST EXTENT PRACTICAL. IN LOCATIONS WHERE SLAB IS TO BE DEMOLISHED, ONLY REMOVE THE AMOUNT REQUIRED TO INSTALL THE SYSTEMS, INFRASTRUCTURE, AND FOUNDATIONS NECESSARY TO PRODUCE THE FINISHED STATE AS SHOWN IN THE PLANS. CONSULT THE CONTRACTING OFFICER WITH ANY QUESTIONS.
8. REMOVE ALL FINISHES, FIXTURES, AND EQUIPMENT IN RESTROOMS. FINISHED STATE OF DEMOLITION SHALL EXPOSE LOAD BEARING MASONRY WALLS, STEEL STRUCTURE ABOVE, AND FLOOR SLAB.
9. DRAWINGS MAY NOT SHOW ALL FINISHES OR EQUIPMENT TO BE DEMOLISHED. THIS SHALL NOT PRECLUDE THE CONTRACTOR FROM REMOVING EXISTING CONSTRUCTION AS REQUIRED TO CONSTRUCT THE FACILITY IN ITS FINSHED STATE AS SHOWN IN THE PLANS. CONSULT THE CONTRACTING OFFICER WITH ANY QUESTIONS.
10. ALL ITEM LOCATIONS ON PLANS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
11. THIS FACILITY CONTAINS ASBESTOS AND LEAD-CONTAINING MATERIALS AS DESCRIBED IN THE HAZARDOUS MATERIAL SURVEY DATED DECEMBER 2016. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABATEMENT AND REMOVAL OF SUCH ITEMS WHEN REQUIRED BY DEMOLITION ACTIVITIES DESCRIBED IN THE DESIGN DOCUMENTS. ABATEMENT AND REMOVAL ACTIVITIES SHALL BE CONDUCTED IN COMPLIANCE WITH THE APPROPRIATE SPECIFICATIONS AND THEIR REFERENCES.
12. EXISTING OVERHEAD DOORS SHALL REMAIN. REPLACE GUIDES AND OPERATOR COMPONENTS PER ELECTRICAL DRAWINGS AND SPECIFICATION 08 33 23.

PLAN NORTH

KEYPLAN - MEZZANINE



US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
CONTRACT NO.:
FILE NUMBER:

DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI 'D'
FILE NAME:

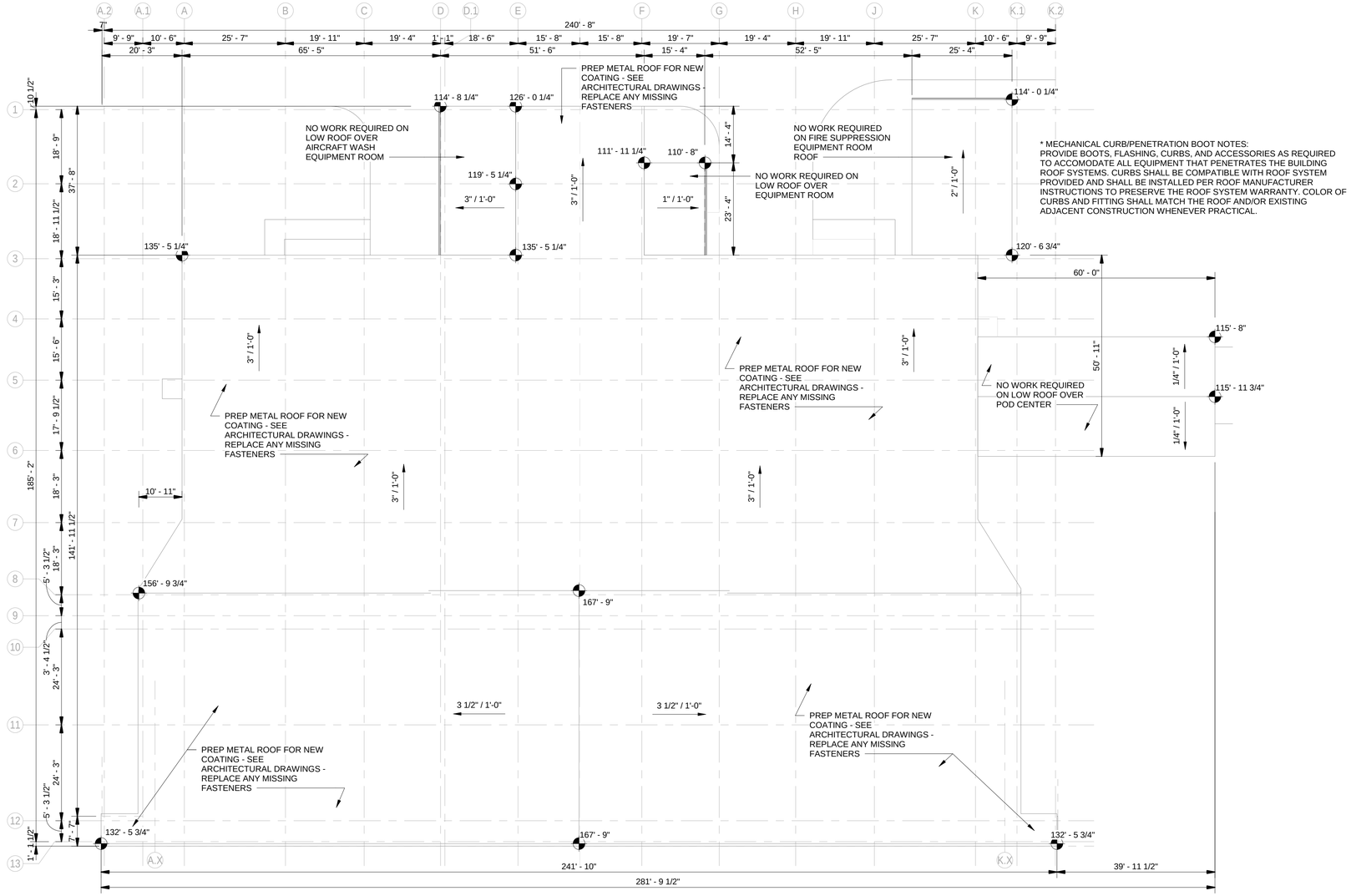
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5 (BUILDING 837)
MINOT AFB, NORTH DAKOTA

MEZZANINE DEMOLITION PLAN - AREA B

SHEET ID

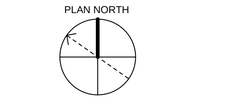
AD122



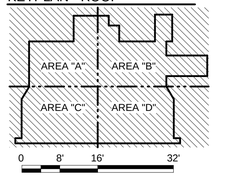
1 AD150 COMPOSITE HANGAR ROOF DEMO PLAN

1/16" = 1'-0"

DEMOLITION NOTES
1. ALL DEMOLITION SHALL BE EXECUTED IN A CLEAN AND ORGANIZED MANNER.
2. PROTECT CONSTRUCTION AND EQUIPMENT TO REMAIN AT ALL TIMES. COORDINATE REMOVAL OR RELOCATION OF ANY MOVEABLE EQUIPMENT WITH THE CONTRACTING OFFICER.
3. ALL ITEM LOCATIONS ON PLANS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED PRIOR TO DESIGN.
4. ALL ROOF SLOPES ARE APPROXIMATE. FIELD VERIFY EXISTING CONDITIONS.
5. SEE OTHER DISCIPLINE DEMOLITION DRAWINGS FOR THE COMBINED SCOPE OF DEMOLITION UNDER THIS CONTRACT.
6. DASHED LINES ON DEMOLITION PLANS DENOTE ITEMS TO BE DEMOLISHED.



KEYPLAN - ROOF



US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: A. TEMEYER	ISSUE DATE: 02/19/2020
DRAWN BY: A. TEMEYER	SOLICITATION NO.: W9128F-20-R-0026
CHECKED BY: B. GORUP	CONTRACT NO.:
SUBMITTED BY: B. GORUP	FILE NUMBER:
SIZE: ANSI D	FILE NAME:

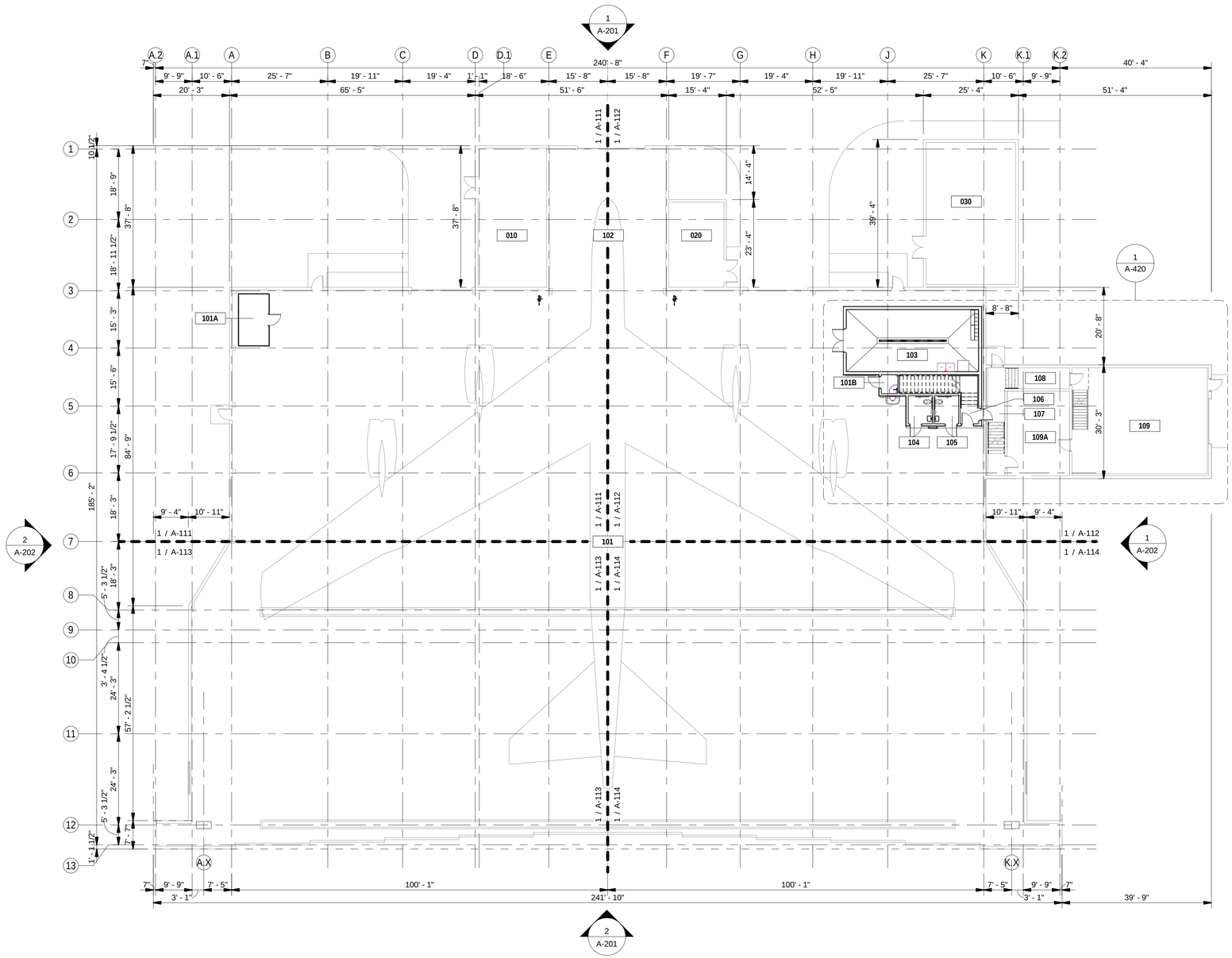
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616 CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 637)
MINOT AFB, NORTH DAKOTA

COMPOSITE ROOF DEMOLITION PLAN

SHEET ID

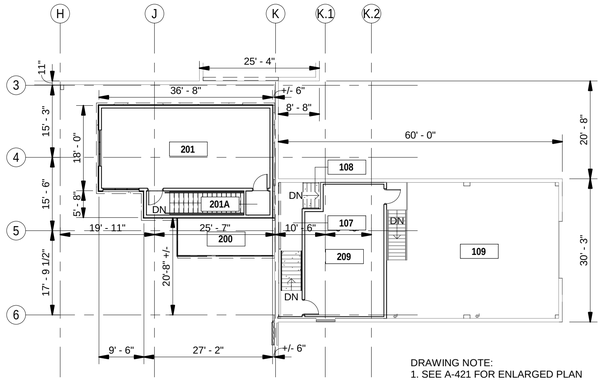
AD150



COMPOSITE FLOOR PLAN

1/16" = 1'-0"

ROOM LEGEND		
MARK	NAME	AREA
010	WASH EQUIPMENT ROOM	671 SF
020	EQUIPMENT ROOM	332 SF
030	FIRE SUPPRESSION EQUIPMENT ROOM	899 SF
101	HANGAR (WASH) BAY	29,754 SF
101A	STORAGE CAGE	109 SF
101B	STORAGE	22 SF
102	NOSE AREA	1,173 SF
103	PPE	594 SF
104	TOILET	48 SF
105	TOILET	48 SF
106	STAIR	147 SF
107	CORRIDOR	97 SF
108	HALL	98 SF
109	POD CENTER	1,054 SF
109A	POD CENTER SHOP	374 SF
109AA	COMM	33 SF
200	MEZZANINE	157 SF
201	HANGAR OFFICE	601 SF
201A	MECH.	25 SF
209	POD CENTER OFFICE	444 SF



DRAWING NOTE:
1. SEE A-421 FOR ENLARGED PLAN

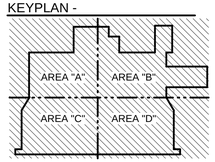
COMPOSITE MEZZANINE PLAN

1/16" = 1'-0"

GENERAL NOTES:
1. ALL DIMENSIONS ARE NOMINAL UNLESS NOTED OTHERWISE. FIELD VERIFY ALL CONDITIONS. DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF STUD FRAMING OR FACE OF MASONRY.
2. ALL ARCHITECTURAL "A" DRAWINGS DEPICT DOCK 5 AS INTENDED UPON THE COMPLETION OF THIS CONTRACT. SEE ARCHITECTURAL EXISTING "AX" DRAWINGS FOR EXISTING CONDITIONS.
3. SEE OTHER DISCIPLINE PLANS FOR CONDUIT, PIPING, AND OTHER BUILDING SYSTEMS TO BE INSTALLED. PATCH, SEAL, INSULATE, AND FIRE-RATE ALL ABANDONED OPENINGS FOR WEATHER-TIGHT FINISH AND TO MATCH ADJACENT CONSTRUCTION.
4. GROSS BUILDING AREA IS +/- 37,291 SF.

PLAN NORTH

KEYPLAN -



0 8' 16' 32'

US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY:	ISSUE DATE:
A. TEMEYER	02/19/2020
DRAWN BY:	SOLICITATION NO.:
A. TEMEYER	W9128F-20-R-0026
CHECKED BY:	CONTRACT NO.:
B. GORUP	
SUBMITTED BY:	FILE NUMBER:
B. GORUP	
SIZE:	FILE NAME:
ANSI D	

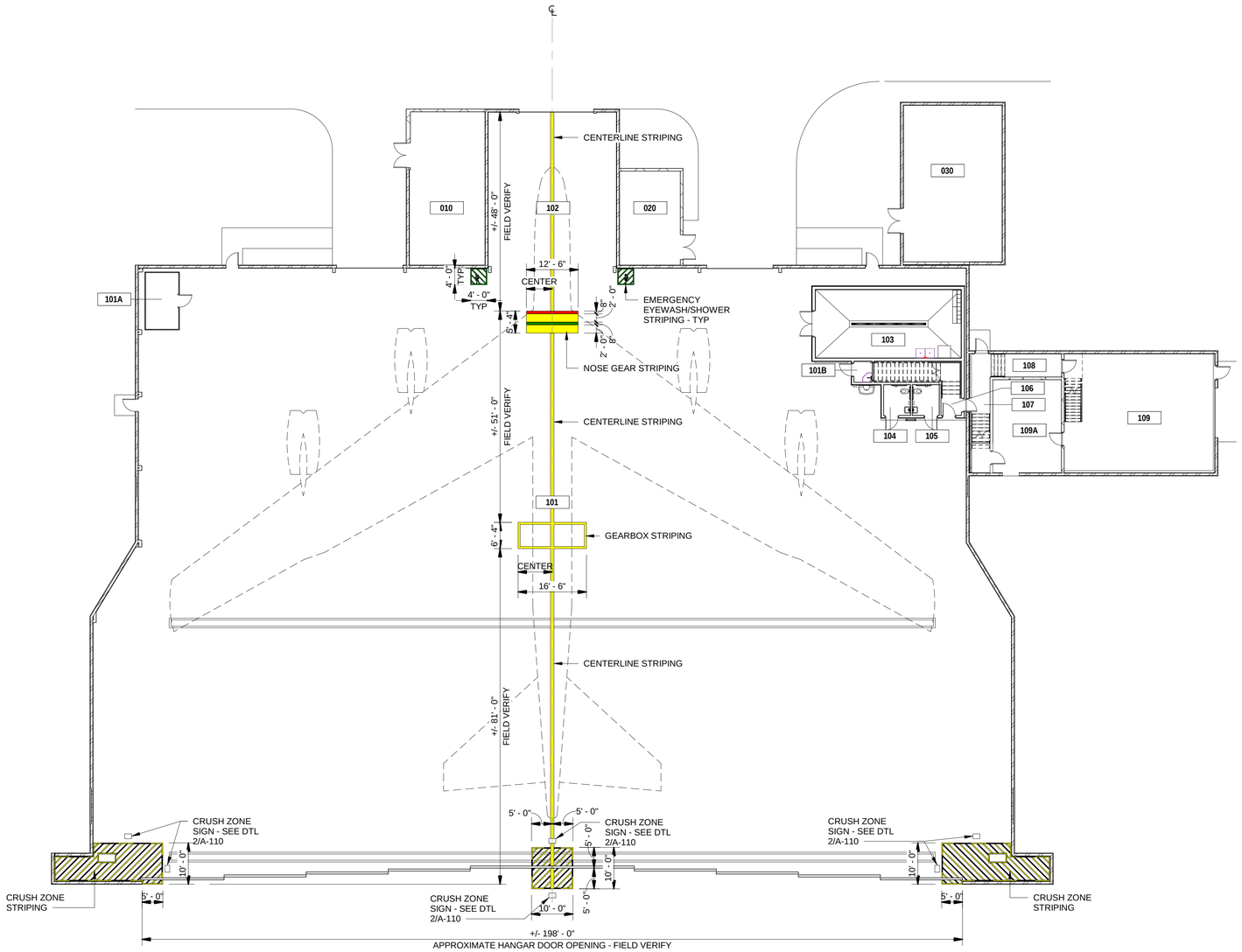
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 837)
MINOT AFB, NORTH DAKOTA

COMPOSITE HANGAR FLOOR PLAN

SHEET ID

A-101



1 A-110

COMPOSITE HANGAR STRIPING PLAN

1/16" = 1'-0"

STRIPING NOTES
1. DIMENSIONS INDICATED ARE APPROXIMATE. FIELD COORDINATE PRECISE STRIPING LOCATIONS AND OBTAIN GOVERNMENT CONCURRENCE ON ALL LOCATIONS.
2. PROVIDE STRIPING COMPATIBLE WITH HANGAR FLOOR COATING. SEE SPECIFICATIONS FOR COATING/STRIPING MATERIAL REQUIREMENTS.
3. HANGAR CENTERLINE STRIP SHALL RUN ENTIRE LENGTH OF HANGAR BAY, FROM EXTERIOR FACE OF BUILDING TO EXTERIOR FACE OF BUILDING. CENTERLINE SHALL BE 10" WIDE, SAFETY YELLOW COLOR.
4. GEARBOX STRIPING SHALL BE 6" WIDE, SAFETY YELLOW COLOR.
5. NOSE GEAR STRIPING SHALL INCLUDE 8" WIDE RED STRIPE, 24" WIDE YELLOW STRIPE, 8" WIDE GREEN STRIPE, AND 24" WIDE YELLOW STRIPE, RESPECTIVELY.
6. CRUSH ZONE STRIPING SHALL INCLUDE 3" WIDE BLACK AND SAFETY YELLOW PERIMETER STRIPE WITH ALTERNATING 3" WIDE BLACK AND SAFETY YELLOW DIAGONALS AT 1'-0" OC SPACING.
6. EMERGENCY EYEWASHES AND SHOWERS SHALL INCLUDE 3" WIDE GREEN PERIMETER STRIPING WITH 3" WIDE DIAGONALS AT 1'-0" OC.
7. SEE OTHER DISCIPLINE DRAWINGS FOR ADDITIONAL ELEMENTS OR FEATURES OF WORK THAT REQUIRE MARKINGS, SIGNAGE, AND/OR INDENTIFICATION.

20" Width

*Drawing not to scale

14" Height

Upper panel: DANGER have to be in 2-7/8" in Arial White Font, with Red Oval and Black rectangular background.
Lower panel: Words have to be in 2" Arial font in Black on White background.
DANGER Sign must be placed so it can be read when approaching the area
Use all capital letters

2 A-110

CRUSH ZONE SIGN DETAIL

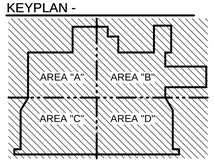
12" = 1'-0"

SIGN NOTES
1. SIGNAGE SHALL BE PAINTED OR ADHESIVE TYPE COMPATIBLE WITH FLOOR COATING.
2. COORDINATE FINAL LOCATIONS OF SIGNAGE, OBTAIN GOVERNMENT CONCURRENCE OF EACH LOCATION.

GENERAL NOTES:
1. ALL DIMENSIONS ARE NOMINAL UNLESS NOTED OTHERWISE. FIELD VERIFY ALL CONDITIONS. DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF STUD FRAMING OR FACE OF MASONRY.
2. ALL ARCHITECTURAL "A" DRAWINGS DEPICT DOCK 5 AS INTENDED UPON THE COMPLETION OF THIS CONTRACT. SEE ARCHITECTURAL EXISTING "AX" DRAWINGS FOR EXISTING CONDITIONS.
3. SEE OTHER DISCIPLINE PLANS FOR CONDUIT, PIPING, AND OTHER BUILDING SYSTEMS TO BE INSTALLED. PATCH, SEAL, INSULATE, AND FIRE-RATE ALL ABANDONED OPENINGS FOR WEATHER-TIGHT FINISH AND TO MATCH ADJACENT CONSTRUCTION.

PLAN NORTH

KEYPLAN -



0 8' 16' 32'

US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: A. TEMEYER	ISSUE DATE: 02/19/2020
DRAWN BY: A. TEMEYER	SOLICITATION NO.: W9128F-20-R-0026
CHECKED BY: B. GORUP	CONTRACT NO.:
SUBMITTED BY: B. GORUP	FILE NUMBER:
SIZE: ANSI D	FILE NAME:

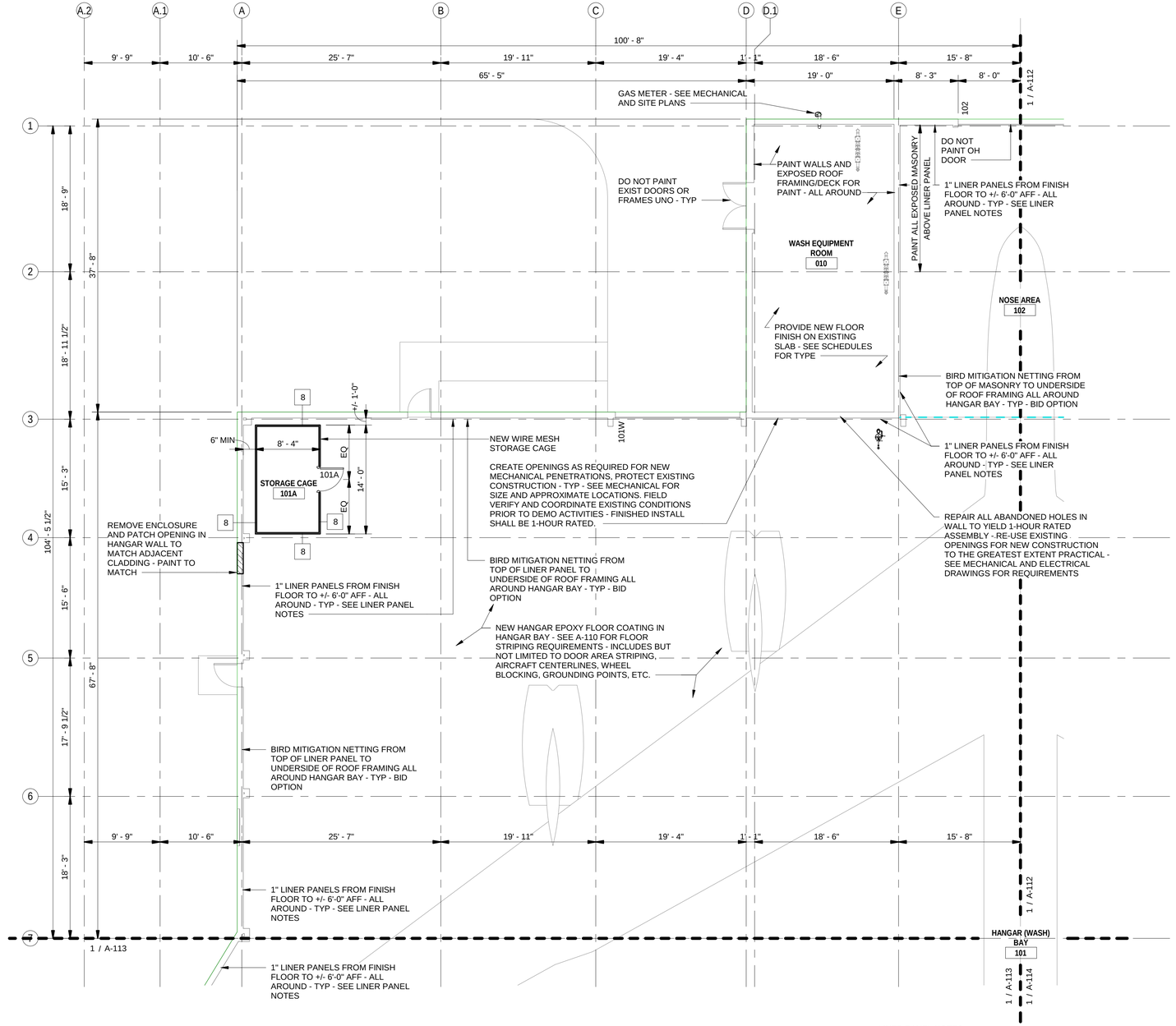
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616C APITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5 (BUILDING 837)
MINOT AFB, NORTH DAKOTA

HANGAR BAY FLOOR STRIPING PLAN

SHEET ID

A-110



HANGAR FLOOR PLAN - AREA A

1 / A-111

1/8" = 1'-0"

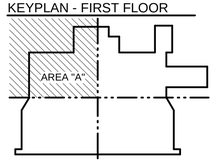
ROOM LEGEND		
MARK	NAME	AREA
010	WASH EQUIPMENT ROOM	671 SF
020	EQUIPMENT ROOM	332 SF
030	FIRE SUPPRESSION EQUIPMENT ROOM	899 SF
101	HANGAR (WASH) BAY	29,754 SF
101A	STORAGE CAGE	109 SF
101B	STORAGE	22 SF
102	NOSE AREA	1,173 SF
103	PPE	594 SF
104	TOILET	48 SF
105	TOILET	48 SF
106	STAIR	147 SF
107	CORRIDOR	97 SF
108	HALL	98 SF
109	POD CENTER	1,054 SF
109A	POD CENTER SHOP	374 SF
109AA	COMM	33 SF
200	MEZZANINE	157 SF
201	HANGAR OFFICE	601 SF
201A	MECH.	25 SF
209	POD CENTER OFFICE	444 SF

LINER PANEL NOTES:
1. PROVIDE FRAMING AS REQ'D FOR SUPPORT OF LINER PANEL - FRAMING SHALL SUPPORT NLT 20 PSF AND ALLOW FASENTING OF LINER PANEL AT NLT 16" OC.
2. SEE SPECIFICATION 09 06 00 "SCHEDULES FOR FINISHES" FOR LINER PANEL COLORS.
3. PROVIDE LINER PANEL TRIM AT ALL EDGES AND OPENINGS - TYP - COLOR TO MATCH LINER PANEL.

GENERAL NOTES:
1. ALL DIMENSIONS ARE NOMINAL UNLESS NOTED OTHERWISE. FIELD VERIFY ALL CONDITIONS. DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF STUD FRAMING OR FACE OF MASONRY.
2. ALL ARCHITECTURAL "A" DRAWINGS DEPICT DOCK 5 AS INTENDED UPON THE COMPLETION OF THIS CONTRACT. SEE ARCHITECTURAL DEMOLITION "AD" DRAWINGS FOR EXISTING CONDITIONS.
3. SEE ENLARGED PLANS FOR ADDITIONAL DIMENSIONS, NOTES, AND REFERENCES.
4. SEE OTHER DISCIPLINE PLANS FOR CONDUIT, PIPING, AND OTHER BUILDING SYSTEMS TO BE INSTALLED. PATCH, SEAL, INSULATE, AND FIRE-RATE ALL ABANDONED OPENINGS FOR WEATHER-TIGHT FINISH AND TO MATCH ADJACENT CONSTRUCTION.
5. SEE ROOM FINISH SCHEDULE FOR NEW WALL, FLOOR AND CEILING FINISHES.
6. SEE A-610 FOR DOOR AND WINDOW SCHEDULES.

PLAN NORTH

KEYPLAN - FIRST FLOOR



US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI 'D'
FILE NAME:
ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
CONTRACT NO.:
FILE NUMBER:

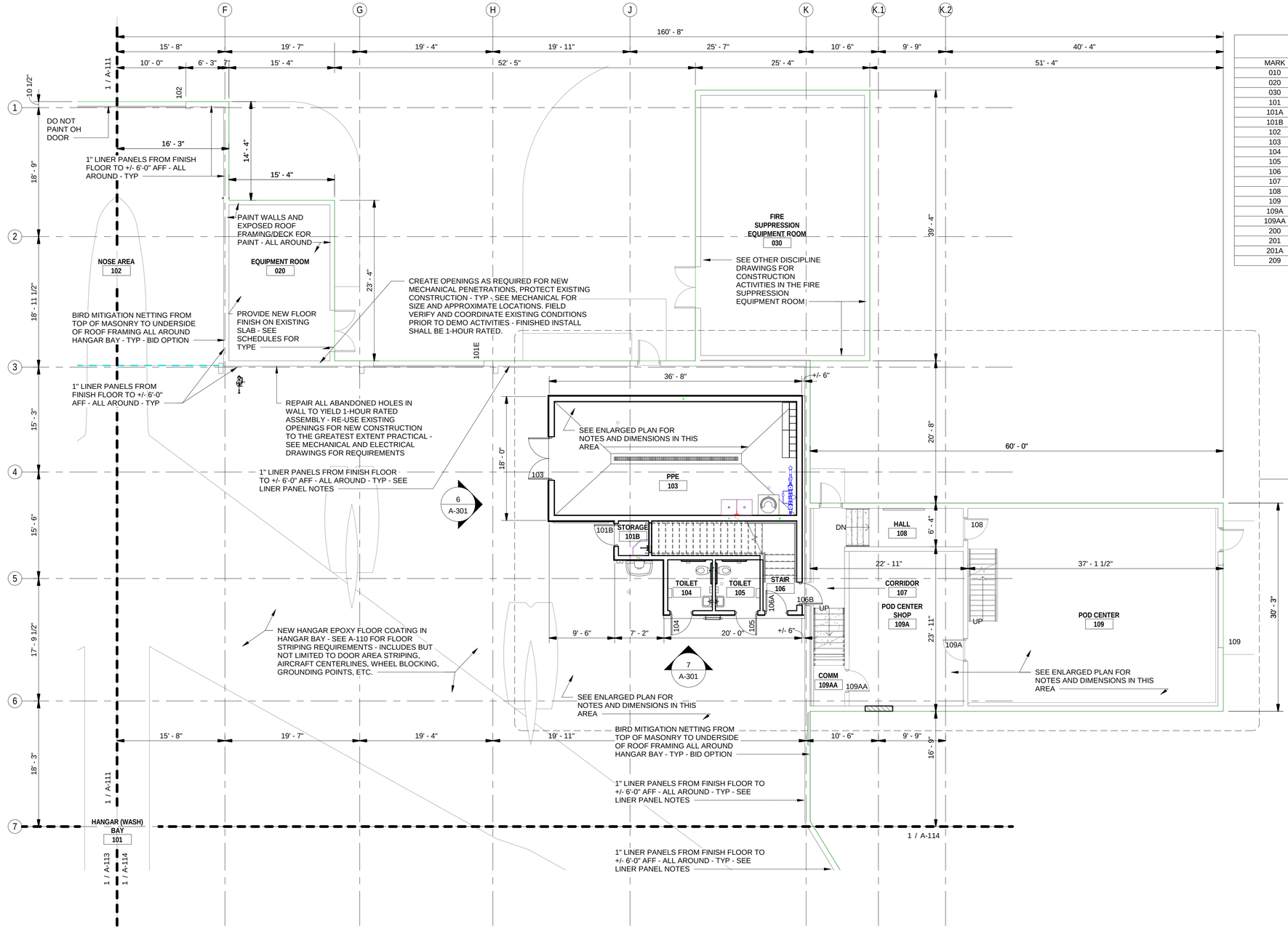
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5 (BUILDING 837)
MINOT AFB, NORTH DAKOTA

HANGAR FLOOR PLAN - AREA A

SHEET ID

A-111



ROOM LEGEND

MARK	NAME	AREA
010	WASH EQUIPMENT ROOM	671 SF
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030	FIRE SUPPRESSION EQUIPMENT ROOM	899 SF
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108	HALL	98 SF
109	POD CENTER	1,054 SF
109A	POD CENTER SHOP	374 SF
109AA	COMM	33 SF
200	MEZZANINE	157 SF
201	HANGAR OFFICE	601 SF
201A	MECH.	25 SF
209	POD CENTER OFFICE	444 SF

1 / A-112

HANGAR FLOOR PLAN - AREA B

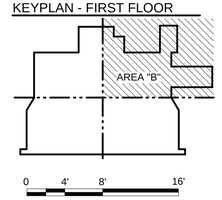
1/8" = 1'-0"

LINER PANEL NOTES:
1. PROVIDE FRAMING AS REQ'D FOR SUPPORT OF LINER PANEL - FRAMING SHALL SUPPORT NLT 20 PSF AND ALLOW FASENTING OF LINER PANEL AT NLT 16" OC.
2. SEE SPECIFICATION 09 06 00 "SCHEDULES FOR FINISHES" FOR LINER PANEL COLORS.
3. PROVIDE LINER PANEL TRIM AT ALL EDGES AND OPENINGS - TYP - COLOR TO MATCH LINER PANEL.

GENERAL NOTES:
1. ALL DIMENSIONS ARE NOMINAL UNLESS NOTED OTHERWISE. FIELD VERIFY ALL CONDITIONS. DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF STUD FRAMING OR FACE OF MASONRY.
2. ALL ARCHITECTURAL "A" DRAWINGS DEPICT DOCK 5 AS INTENDED UPON THE COMPLETION OF THIS CONTRACT. SEE ARCHITECTURAL DEMOLITION "AD" DRAWINGS FOR EXISTING CONDITIONS.
3. SEE ENLARGED PLANS FOR ADDITIONAL DIMENSIONS, NOTES, AND REFERENCES.
4. SEE OTHER DISCIPLINE PLANS FOR CONDUIT, PIPING, AND OTHER BUILDING SYSTEMS TO BE INSTALLED. PATCH, SEAL, INSULATE, AND FIRE-RATE ALL ABANDONED OPENINGS FOR WEATHER-TIGHT FINISH AND TO MATCH ADJACENT CONSTRUCTION.
5. SEE ROOM FINISH SCHEDULE FOR NEW WALL, FLOOR AND CEILING FINISHES.
6. SEE A-610 FOR DOOR AND WINDOW SCHEDULES.

PLAN NORTH

KEYPLAN - FIRST FLOOR



US Army Corps of Engineers ®
Omaha District

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DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI 'D'
FILE NAME:

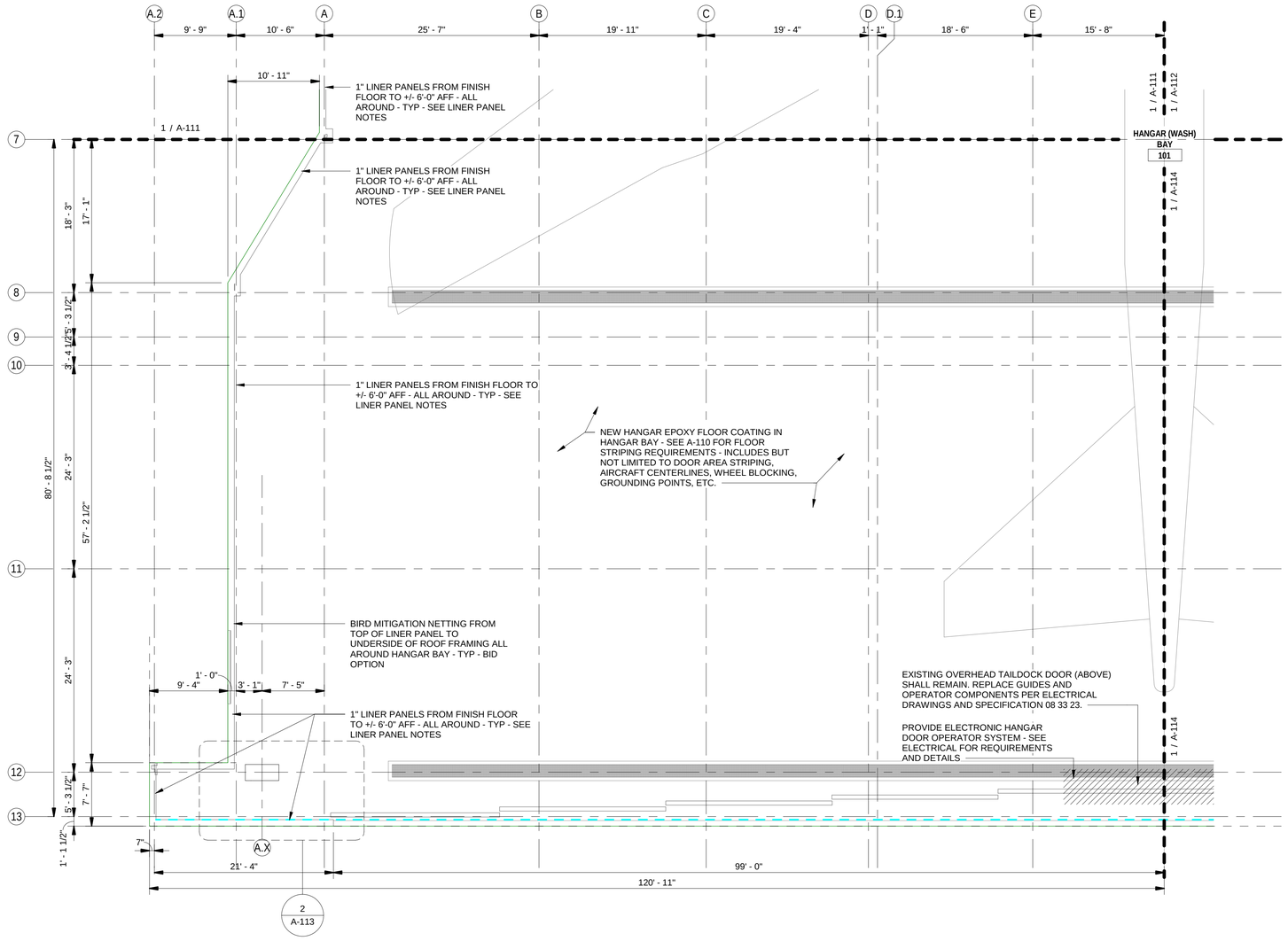
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5 (BUILDING 847)
MINOT AFB, NORTH DAKOTA

HANGAR FLOOR PLAN - AREA B

SHEET ID

A-112

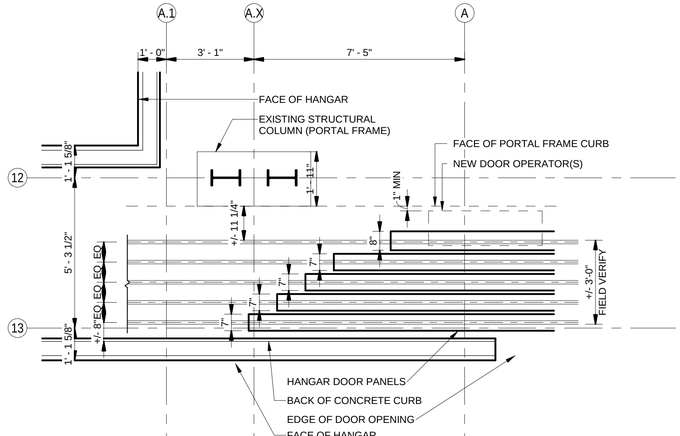


1 / A-113 — HANGAR FLOOR PLAN - AREA C

1/8" = 1'-0"

ROOM LEGEND

MARK	NAME	AREA
010	WASH EQUIPMENT ROOM	671 SF
020	EQUIPMENT ROOM	332 SF
030	FIRE SUPPRESSION EQUIPMENT ROOM	899 SF
101	HANGAR (WASH) BAY	29,754 SF
101A	STORAGE CAGE	109 SF
101B	STORAGE	22 SF
102	NOSE AREA	1,173 SF
103	PPE	594 SF
104	TOILET	48 SF
105	TOILET	48 SF
106	STAIR	147 SF
107	CORRIDOR	97 SF
108	HALL	98 SF
109	POD CENTER	1,054 SF
109A	POD CENTER SHOP	374 SF
109AA	COMM	33 SF
200	MEZZANINE	157 SF
201	HANGAR OFFICE	601 SF
201A	MECH.	25 SF
209	POD CENTER OFFICE	444 SF



HANGAR DOOR OPERATOR SYSTEM NOTES:
1. INSTALL ELECTIC DOOR OPERATOR SYSTEM TO INCLUDE INFRASTRUCTURE, WIRING,SWITCHES, SAFETY DEVICES, ENCLOSURES, AND ACCESSORIES. DESIGN AND CONFIGURATION OF SYSTEM WITHIN CONTRACT REQUIREMENTS IS THE RESPONSIBILITY OF THE CONTRACTOR.
2. SEE SPECIFICATIONS AND ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
3. FIELD VERIFY EXISTING CONDITIONS RELATED TO THE PROPER AND FUNCTIONAL INSTALLATION OF THIS WORK. OPERATOR SYSTEM SHALL BE INSTALLED TO MAINTAIN A 1" MINIMUM CLEARANCE BETWEEN EXISTING STRUCTURE AND NEW OPERATOR(S).
4. OPERATOR MAY BE SURFACE-MOUNTED OR SEMI-RECESSED ON EXISTING HANGAR DOORS. OPERATORS SHALL BE INSTALLED IN A WEATHER-PROOF AND AESTHETICALLY PLEASING MANNER.
5. WORK ASSOCIATED WITH THE POWERED HANGAR DOORS IS CONSIDERED PART OF THE CLIN "ELECTRICALLY-OPERATED HANGAR DOORS".
6. SELECTED CONTRACT DRAWINGS FOR A RECENT PROJECT TO REPLACE DOCK 5 DOORS HAVE BEEN ATTACHED TO THE PROJECT SPECIFICATIONS.

2 / A-113 — HANGAR DOOR SYSTEM CLEARANCES

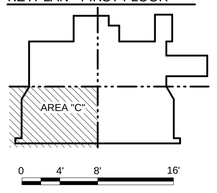
3/8" = 1'-0"

LINER PANEL NOTES:
1. PROVIDE FRAMING AS REQ'D FOR SUPPORT OF LINER PANEL - FRAMING SHALL SUPPORT NLT 20 PSF AND ALLOW FASENTING OF LINER PANEL AT NLT 16" OC.
2. SEE SPECIFICATION 09 06 00 "SCHEDULES FOR FINISHES" FOR LINER PANEL COLORS.
3. PROVIDE LINER PANEL TRIM AT ALL EDGES AND OPENINGS - TYP - COLOR TO MATCH LINER PANEL.

GENERAL NOTES:
1. ALL DIMENSIONS ARE NOMINAL UNLESS NOTED OTHERWISE. FIELD VERIFY ALL CONDITIONS. DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF STUD FRAMING OR FACE OF MASONRY.
2. ALL ARCHITECTURAL "A" DRAWINGS DEPICT DOCK 5 AS INTENDED UPON THE COMPLETION OF THIS CONTRACT. SEE ARCHITECTURAL DEMOLITION "AD" DRAWINGS FOR EXISTING CONDITIONS.
3. SEE ENLARGED PLANS FOR ADDITIONAL DIMENSIONS, NOTES, AND REFERENCES.
4. SEE OTHER DISCIPLINE PLANS FOR CONDUIT, PIPING, AND OTHER BUILDING SYSTEMS TO BE INSTALLED. PATCH, SEAL, INSULATE, AND FIRE-RATE ALL ABANDONED OPENINGS FOR WEATHER-TIGHT FINISH AND TO MATCH ADJACENT CONSTRUCTION.
5. SEE ROOM FINISH SCHEDULE FOR NEW WALL, FLOOR AND CEILING FINISHES.
6. SEE A-610 FOR DOOR AND WINDOW SCHEDULES.

PLAN NORTH

KEYPLAN - FIRST FLOOR



US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI 'D'
FILE NAME:
ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
CONTRACT NO.:
FILE NUMBER:

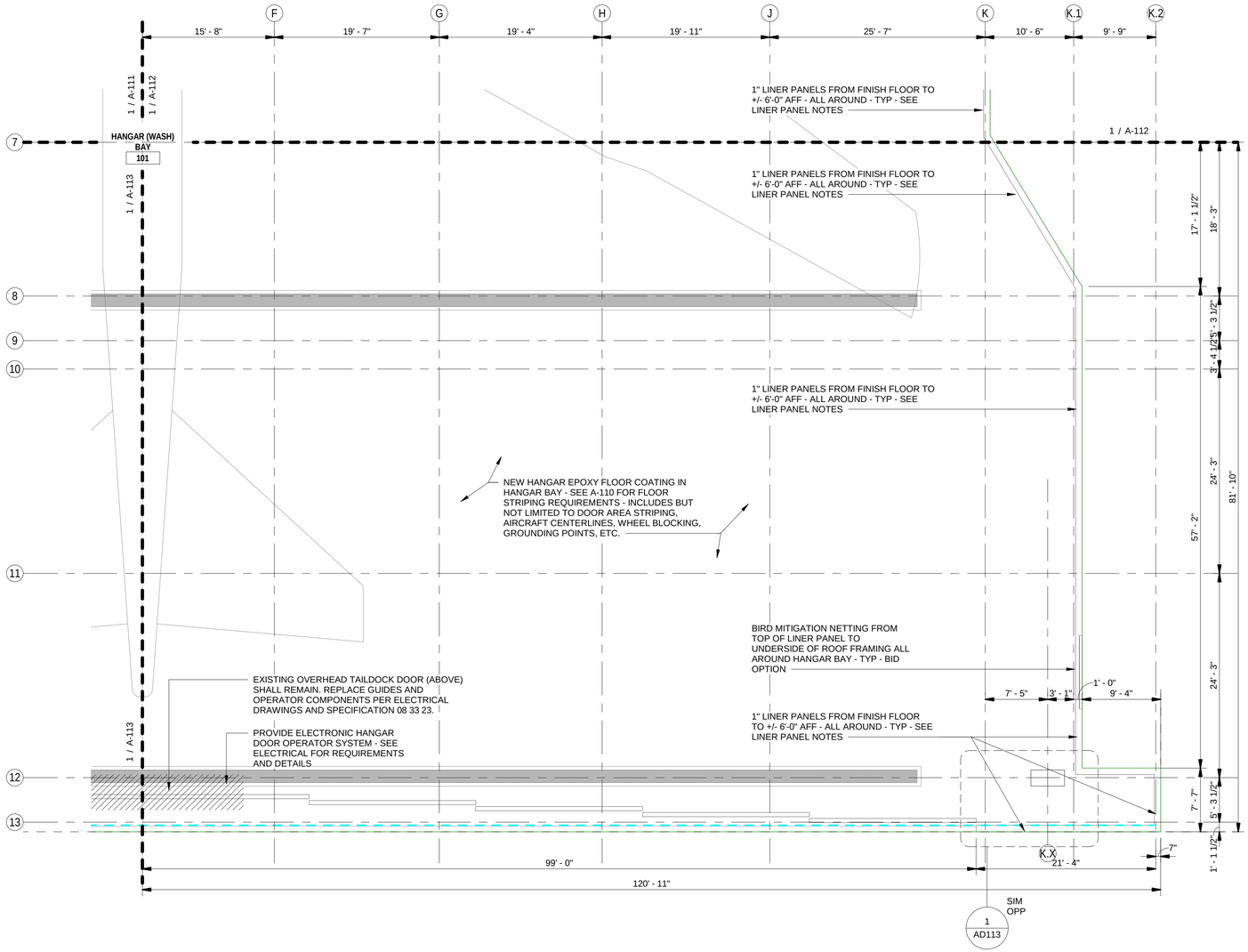
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5 (BUILDING 937)
MINOT AFB, NORTH DAKOTA

HANGAR FLOOR PLAN - AREA C

SHEET ID

A-113



ROOM LEGEND

MARK	NAME	AREA
010	WASH EQUIPMENT ROOM	671 SF
020	EQUIPMENT ROOM	332 SF
030	FIRE SUPPRESSION EQUIPMENT ROOM	899 SF
101	HANGAR (WASH) BAY	29,754 SF
101A	STORAGE CAGE	109 SF
101B	STORAGE	22 SF
102	NOSE AREA	1,173 SF
103	PPE	594 SF
104	TOILET	48 SF
105	TOILET	48 SF
106	STAIR	147 SF
107	CORRIDOR	97 SF
108	HALL	98 SF
109	POD CENTER	1,054 SF
109A	POD CENTER SHOP	374 SF
109AA	COMM	33 SF
200	MEZZANINE	157 SF
201	HANGAR OFFICE	601 SF
201A	MECH.	25 SF
209	POD CENTER OFFICE	444 SF

1 / A-114 HANGAR FLOOR PLAN - AREA D

1/8" = 1'-0"

LINER PANEL NOTES:
1. PROVIDE FRAMING AS REQ'D FOR SUPPORT OF LINER PANEL - FRAMING SHALL SUPPORT NLT 20 PSF AND ALLOW FASENTING OF LINER PANEL AT NLT 16" OC.
2. SEE SPECIFICATION 09 06 00 "SCHEDULES FOR FINISHES" FOR LINER PANEL COLORS.
3. PROVIDE LINER PANEL TRIM AT ALL EDGES AND OPENINGS - TYP - COLOR TO MATCH LINER PANEL.

GENERAL NOTES:
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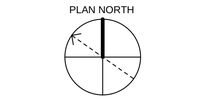
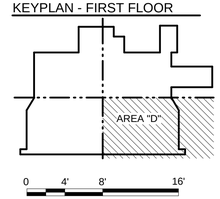
5. SEE ROOM FINISH SCHEDULE FOR NEW WALL, FLOOR AND CEILING FINISHES.
6. SEE A-610 FOR DOOR AND WINDOW SCHEDULES.



KEYPLAN - FIRST FLOOR



US Army Corps of Engineers ®
Omaha District

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DRAWN BY: A. TEMEYER
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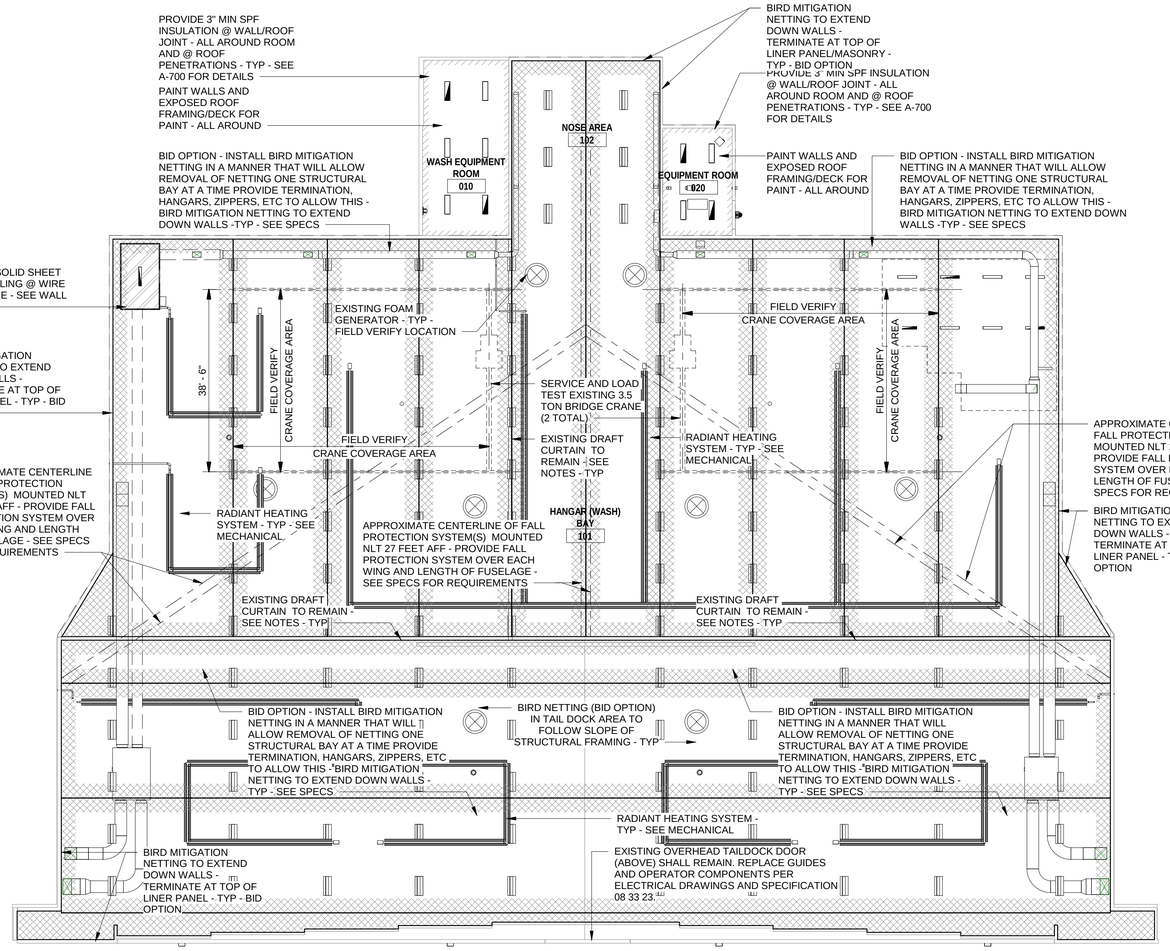
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5 (BUILDING 837)
MINOT AFB, NORTH DAKOTA

HANGAR FLOOR PLAN - AREA D

SHEET ID

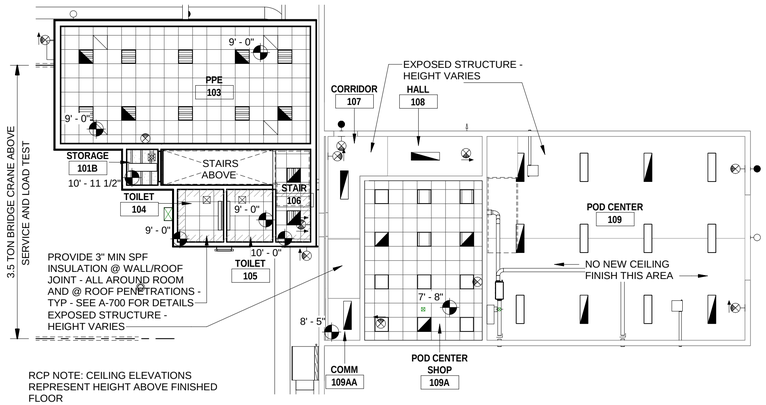
A-114



DRAFT CURTAIN NOTES:
1. COORDINATE INSTALLATION OF NEW EQUIPMENT AND SYSTEMS WITH EXISTING DRAFT CURTAINS. ALL NEW AND EXISTING OPENINGS SHALL BE FIRESTOPPED IN ACCORDANCE WITH THE DESIGN SPECIFICATIONS, SO AS TO PREVENT THE PASSAGE OF SMOKE FROM ONE AREA TO ANOTHER.

1 A-130 COMPOSITE HANGAR BAY REFLECTED CEILING PLAN

1/16" = 1'-0"



RCP NOTE: CEILING ELEVATIONS REPRESENT HEIGHT ABOVE FINISHED FLOOR

2 A-130 FIRST FLOOR REFLECTED CEILING PLAN

3/32" = 1'-0"

RCP NOTE: CEILING ELEVATIONS REPRESENT HEIGHT ABOVE FINISHED FLOOR

3 A-130 MEZZANINE REFLECTED CEILING PLAN

3/32" = 1'-0"

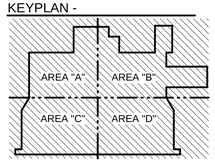
REFLECTED CEILING PLAN LEGEND

101 — ROOM NUMBER	FOAM GENERATOR - FIELD VERIFY EXISTING LOCATIONS
2X2 WASHABLE TILE DROP CEILING	2' x 2' LIGHT FIXTURE (RE: ELEC DWGS FOR TYPE)
GWB CEILING	EXTERIOR LIGHT FIXTURE (RE: ELEC DWGS FOR TYPE)
	STRIP LIGHT FIXTURE (RE: ELEC DWGS FOR TYPE)
SHEET METAL CEILING	HUNG OR SURFACE-MOUNT LIGHTING FIXTURE (RE: ELEC DWGS FOR TYPE)
BIRD NETTING - SEE SPECS	DIFFUSER (RE: MECH DWGS)
SD — SMOKE DETECTOR (RE: FA DWGS)	RETURN (RE: MECH DWGS)
EXIT SIGN LOCATION (RE: FA DWGS)	X'-X" — CEILING HEIGHT, ABOVE FINISH FLOOR

GENERAL RCP NOTES:
1. CENTER FIXTURES AND ACCESSORIES IN CEILING TILES, UNLESS OTHERWISE NOTED.
2. SEE ROOM FINISH SCHEDULE FOR ADDITIONAL CEILING FINISH REQUIREMENTS.
3. COORDINATE INSTALLATION OF EQUIPMENT AND SYSTEMS INSTALLED UNDER THIS CONTRACT WITH ALL EXISING STRUCTURE, FIXTURES SYSTEMS AND EQUIPMENT TO REMAIN.

PLAN NORTH

KEYPLAN -



0 8' 16' 32'

0 5' 10' 20'

US Army Corps of Engineers ®
Omaha District

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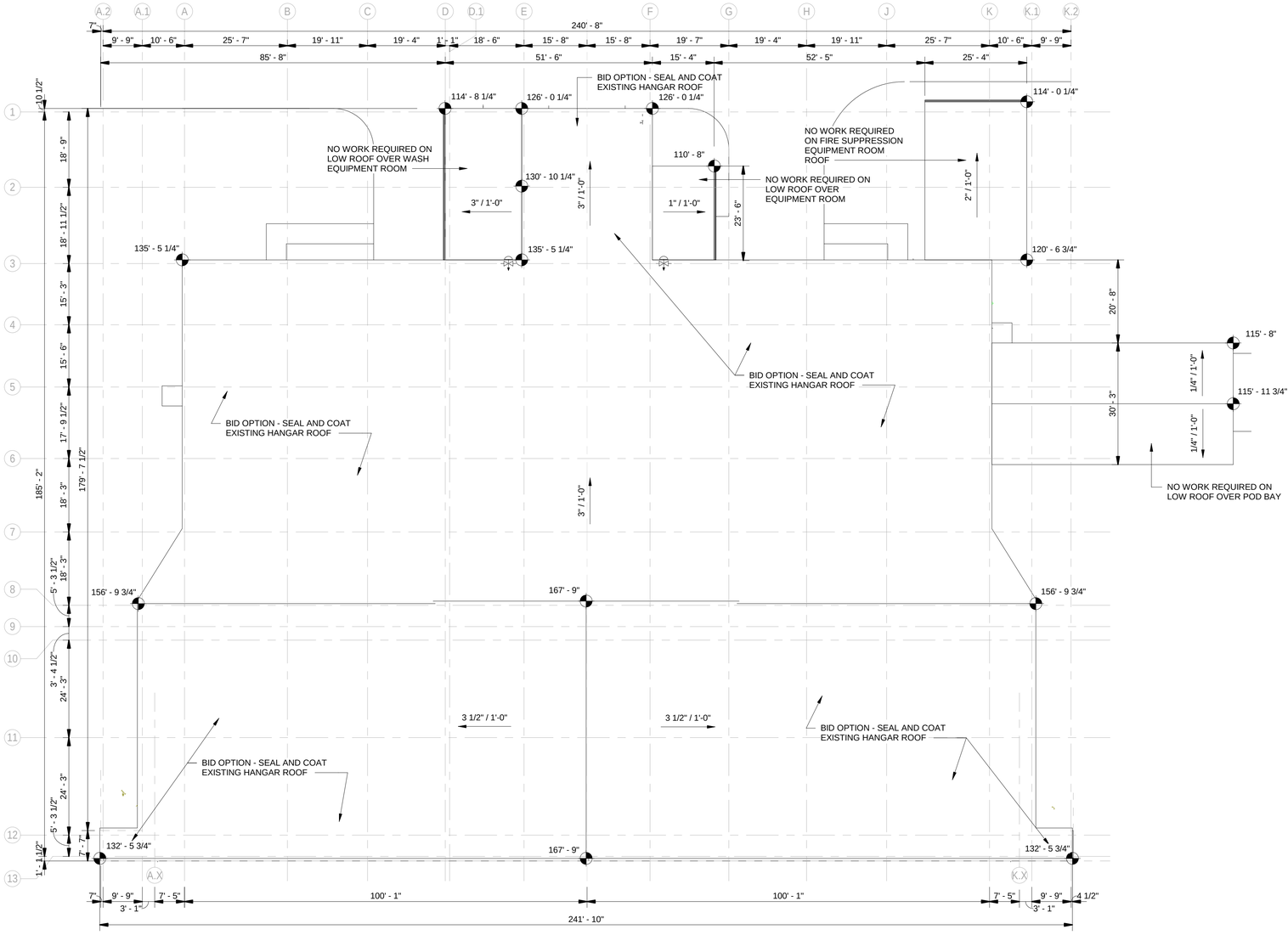
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 837)
MINOT AFB, NORTH DAKOTA

COMPOSITE HANGAR BAY RCP

SHEET ID

A-130



HANGAR ROOF PLAN

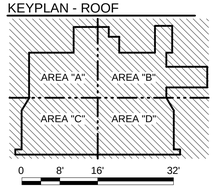
1 / A-150

1/16" = 1'-0"

GENERAL NOTES:
1. SEE THE PROJECT BID SCHEDULE FOR A BID OPTION TO REPAIR THE HANGAR BAY ROOF. SEE 07 14 00 FOR ROOF COATING SPECIFICATION.
2. ALL DIMENSIONS ARE NOMINAL UNLESS NOTED OTHERWISE. FIELD VERIFY ALL CONDITIONS. DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF STUD FRAMING OR FACE OF MASONRY.

PLAN NORTH

KEYPLAN - ROOF



US Army Corps of Engineers ®
Omaha District

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DESIGNED BY:	ISSUE DATE:
A. TEMEYER	02/19/2020
DRAWN BY:	SOLICITATION NO.:
A. TEMEYER	W9128F-20-R-0026
CHECKED BY:	CONTRACT NO.:
B. GORUP	
SUBMITTED BY:	FILE NUMBER:
B. GORUP	
SIZE:	FILE NAME:
ANSI D	

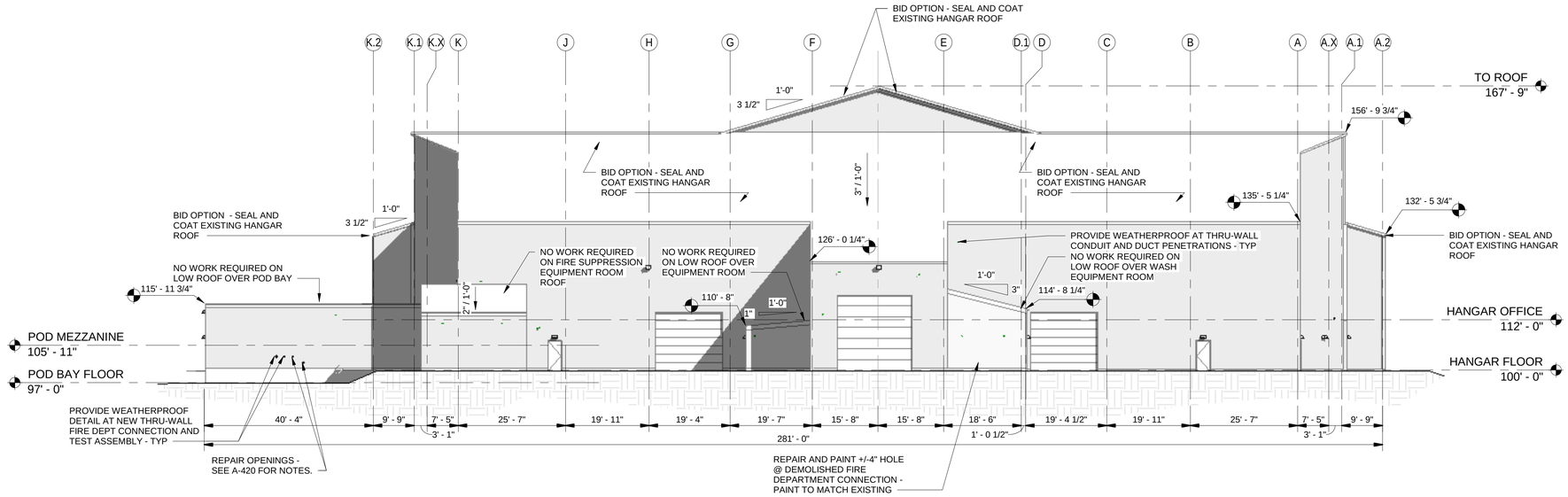
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 837)
MINOT AFB, NORTH DAKOTA

COMPOSITE HANGAR ROOF PLAN

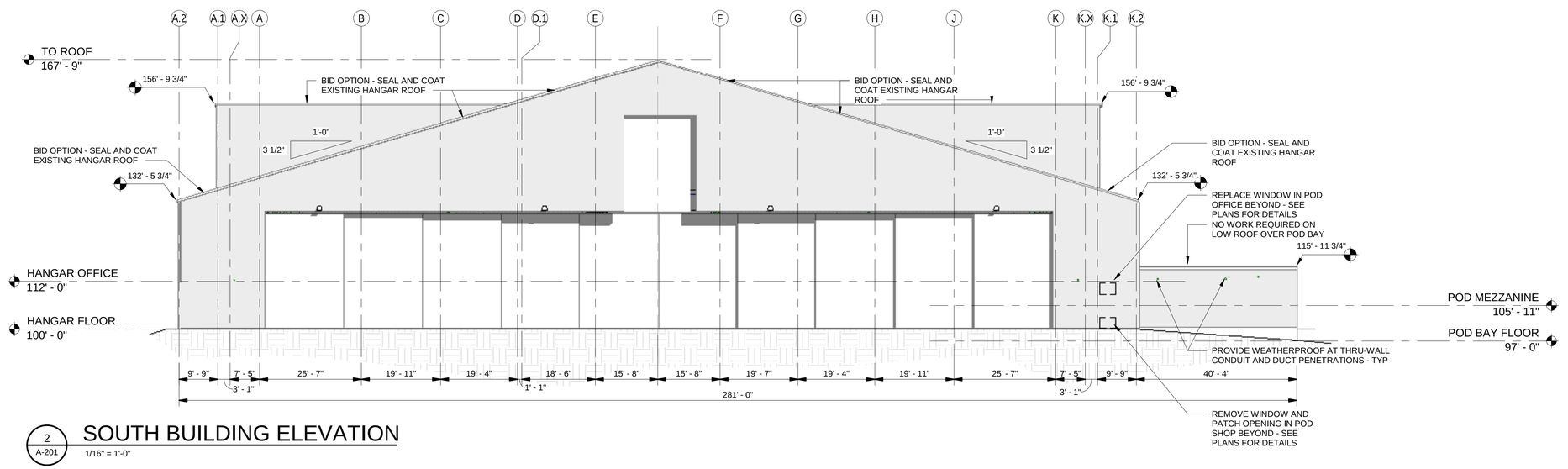
SHEET ID

A-150



1 A-201 **NORTH BUILDING ELEVATION**

1/16" = 1'-0"



2 A-201 **SOUTH BUILDING ELEVATION**

1/16" = 1'-0"

GENERAL NOTES:
1. SEE THE PROJECT BID SCHEDULE FOR A BID OPTION TO REPAIR THE HANGAR BAY ROOF. SEE 07 14 00 FOR ROOF COATING SPECIFICATION.
2. ALL DIMENSIONS ARE NOMINAL UNLESS NOTED OTHERWISE. FIELD VERIFY ALL CONDITIONS. DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF STUD FRAMING OR FACE OF MASONRY.
3. MINIMIZE NEW PENETRATIONS OF EXISTING BUILDING ENVELOPE. COORDINATE ALL REQUIRED THROUGH-WALL PENETRATIONS WITH EXISTING PENETRATIONS TO THE GREATES EXTENT POSSIBLE. SEE OTHER DISCIPLINE DRAWINGS FOR REQUIRED PENETRATIONS. PROVIDE WEATHERPROOF JOINT AT ALL THRU-WALL PIPE, DUCT, AND CONDUIT PENETRATIONS - TYP.

* MECHANICAL CURB/PENETRATION BOOT NOTES:
PROVIDE BOOTS, FLASHING, CURBS, AND ACCESSORIES AS REQUIRED TO ACCOMODATE ALL EQUIPMENT THAT PENETRATES THE BUILDING ROOF AND WALL SYSTEMS. CURBS SHALL BE COMPATIBLE WITH ROOF SYSTEM PROVIDED AND SHALL BE INSTALLED PER ROOF MANUFACTURER INSTRUCTIONS TO PRESERVE THE ROOF SYSTEM WARRANTY. COLOR OF CURBS AND FITTINGS SHALL MATCH THE ROOF AND/OR EXISTING ADJACENT CONSTRUCTION WHENEVER PRACTICAL.

0 8' 16' 32'

US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

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CONTRACT NO.:
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DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI 'D'
FILE NAME:

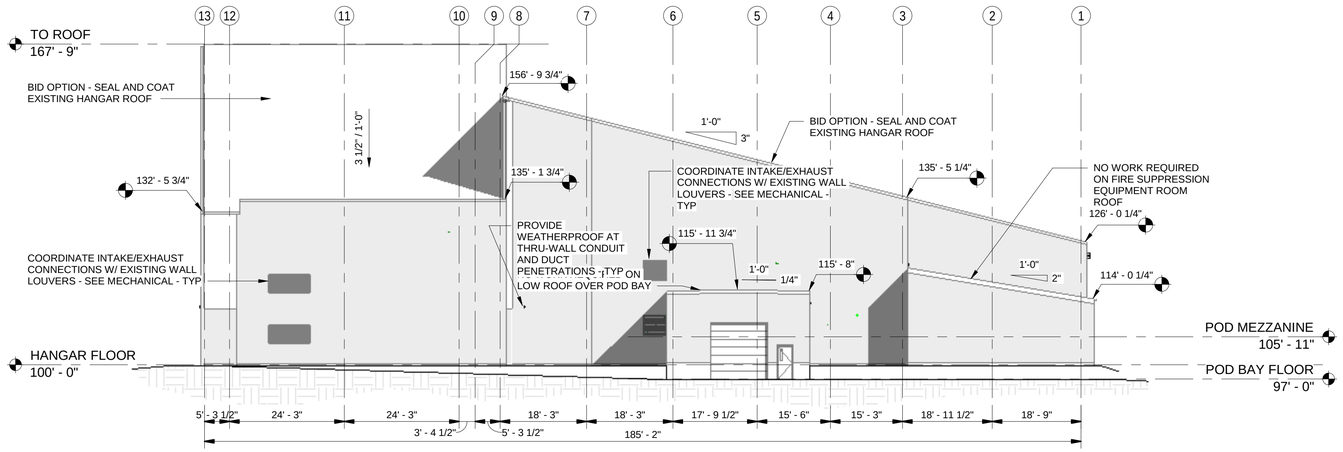
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5 (BUILDING 437)
MINOT AFB, NORTH DAKOTA

BUILDING ELEVATIONS

SHEET ID

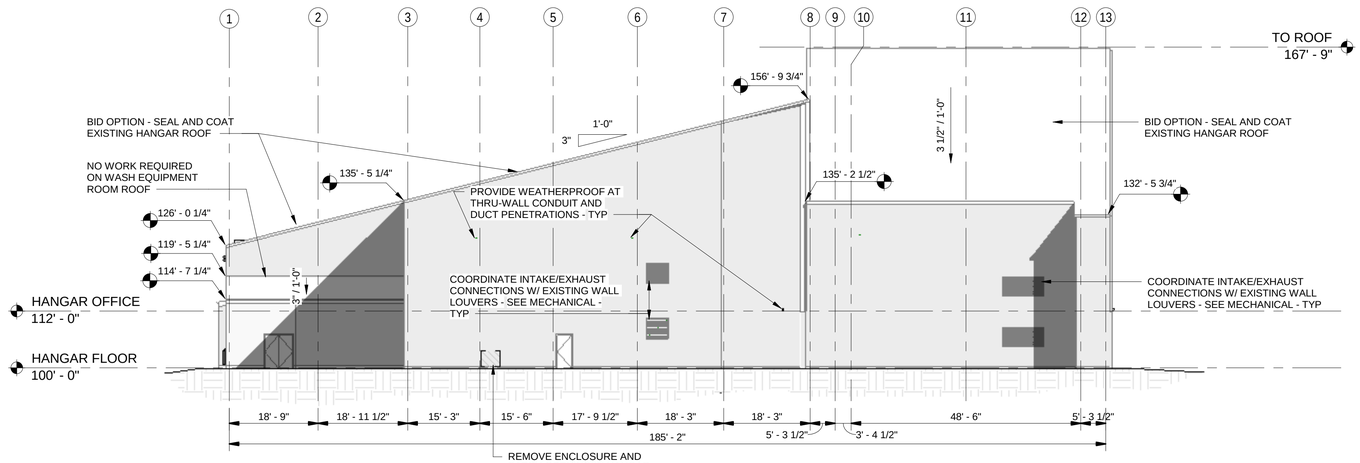
A-201



1 A-202

EAST BUILDING ELEVATION

1/16" = 1'-0"



2 A-202

WEST BUILDING ELEVATION

1/16" = 1'-0"

GENERAL NOTES:
1. SEE THE PROJECT BID SCHEDULE FOR A BID OPTION TO REPAIR THE HANGAR BAY ROOF. SEE 07 14 00 FOR ROOF COATING SPECIFICATION.
2. ALL DIMENSIONS ARE NOMINAL UNLESS NOTED OTHERWISE. FIELD VERIFY ALL CONDITIONS. DIMENSIONS ARE TO STRUCTURAL GRID, FACE OF STUD FRAMING OR FACE OF MASONRY.
3. MINIMIZE NEW PENETRATIONS OF EXISTING BUILDING ENVELOPE. COORDINATE ALL REQUIRED THROUGH-WALL PENETRATIONS WITH EXISTING PENETRATIONS TO THE GREATES EXTENT POSSIBLE. SEE OTHER DISCIPLINE DRAWINGS FOR REQUIRED PENETRATIONS. PROVIDE WEATHERPROOF JOINT AT ALL THRU-WALL PIPE, DUCT, AND CONDUIT PENETRATIONS - TYP.

* MECHANICAL CURB/PENETRATION BOOT NOTES:
PROVIDE BOOTS, FLASHING, CURBS, AND ACCESSORIES AS REQUIRED TO ACCOMODATE ALL EQUIPMENT THAT PENETRATES THE BUILDING ROOF SYSTEMS. CURBS SHALL BE COMPATIBLE WITH ROOF SYSTEM PROVIDED AND SHALL BE INSTALLED PER ROOF MANUFACTURER INSTRUCTIONS TO PRESERVE THE ROOF SYSTEM WARRANTY. COLOR OF CURBS AND FITTING SHALL MATCH THE ROOF AND/OR EXISTING ADJACENT CONSTRUCTION WHENEVER PRACTICAL.

0 8' 16' 32'

US Army Corps of Engineers ®
Omaha District

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DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI 'D'
FILE NAME:

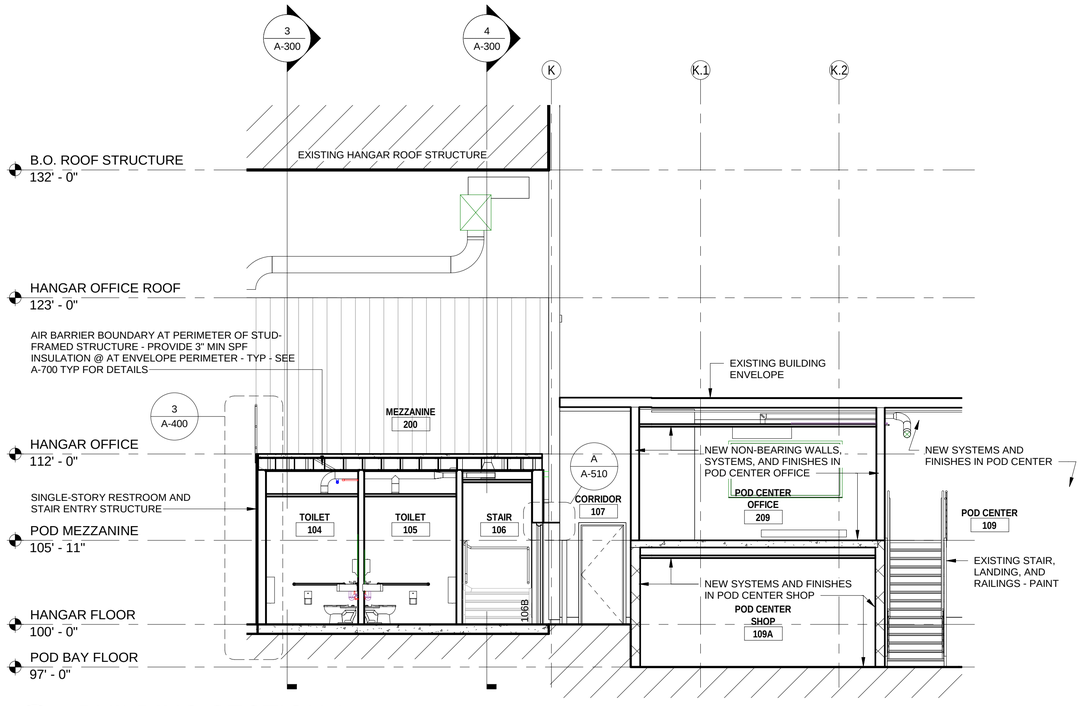
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5 (BUILDING 837)
MINOT AFB, NORTH DAKOTA

BUILDING ELEVATIONS

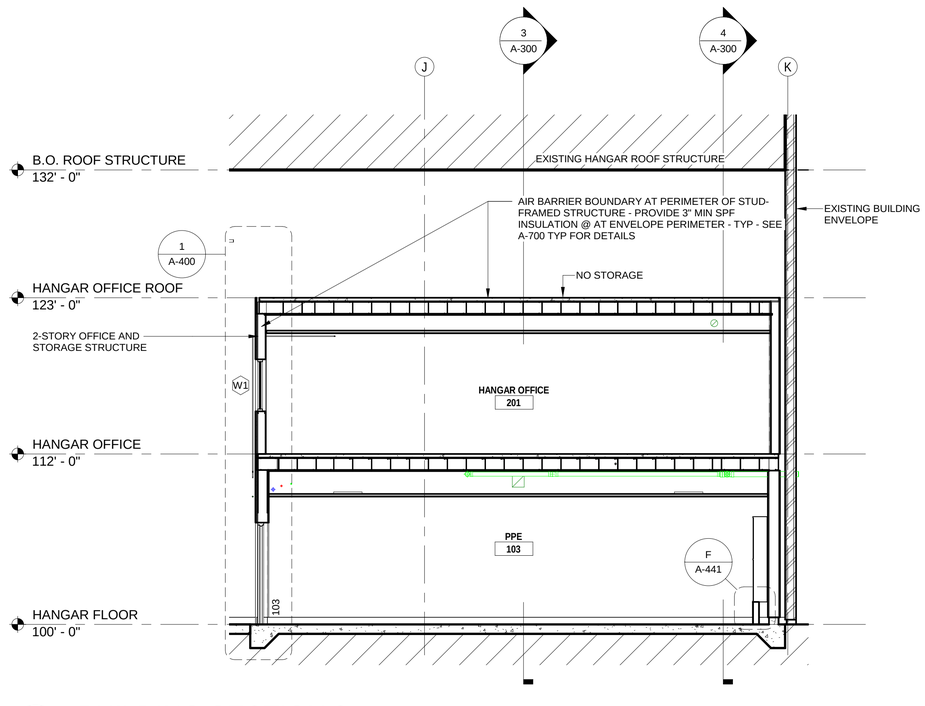
SHEET ID

A-202



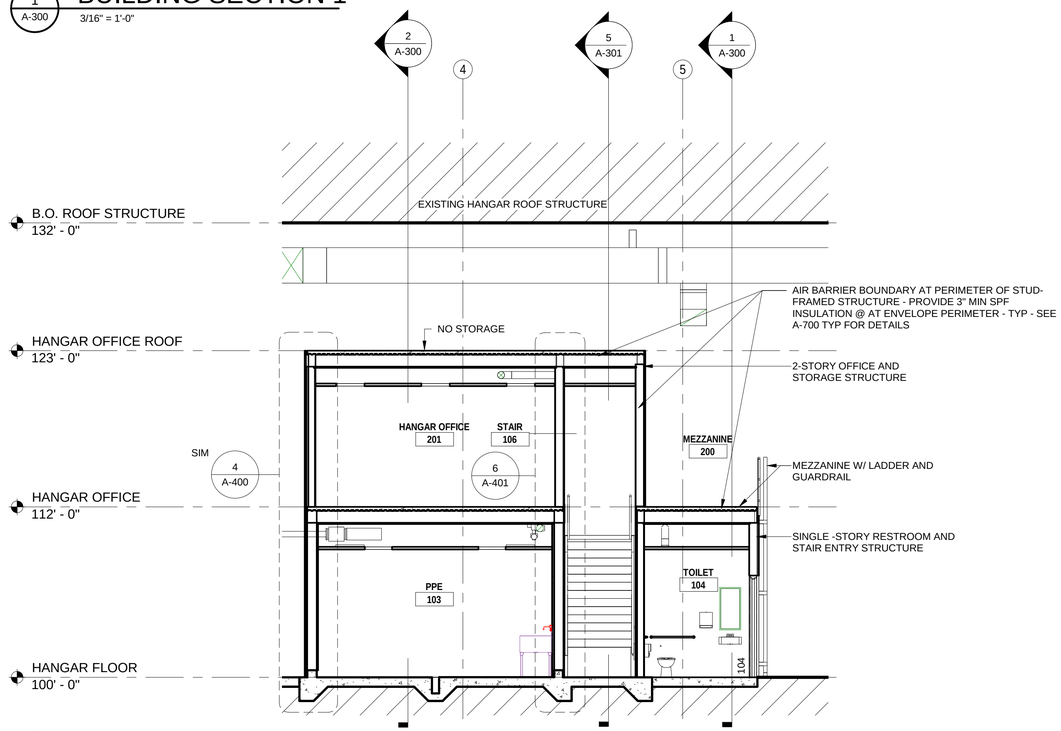
1 A-300 BUILDING SECTION 1

3/16" = 1'-0"



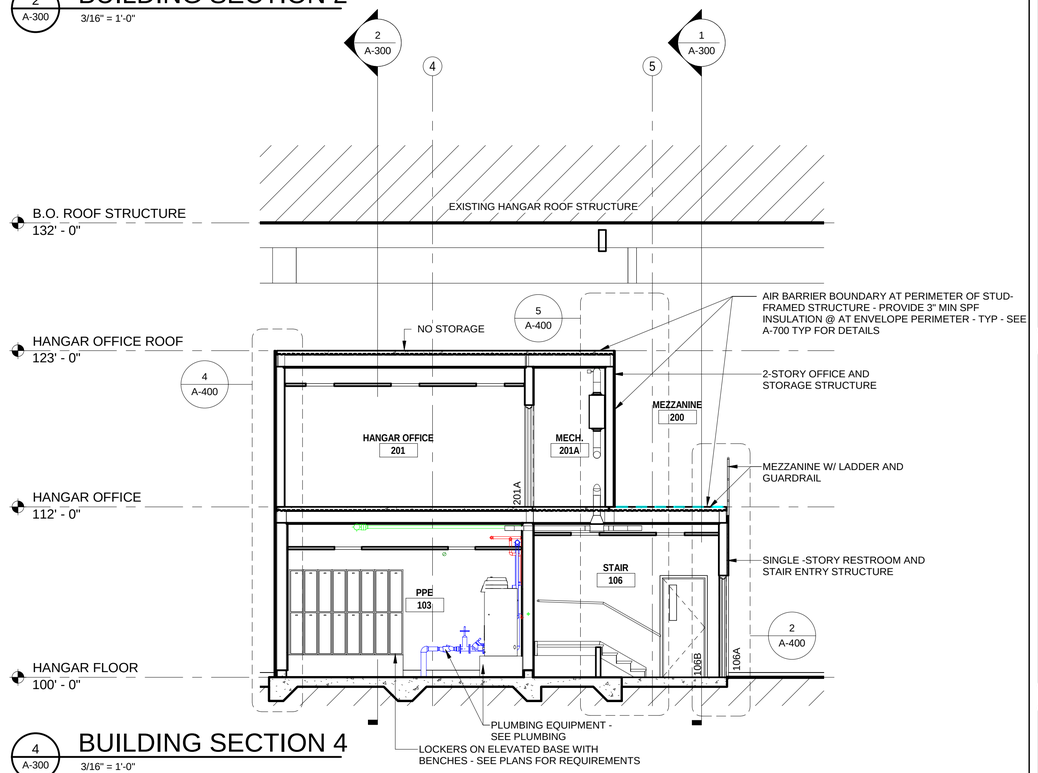
2 A-300 BUILDING SECTION 2

3/16" = 1'-0"



3 A-300 BUILDING SECTION 3

3/16" = 1'-0"



4 A-300 BUILDING SECTION 4

3/16" = 1'-0"

0 4' 8' 12'

US Army Corps of Engineers ®
Omaha District

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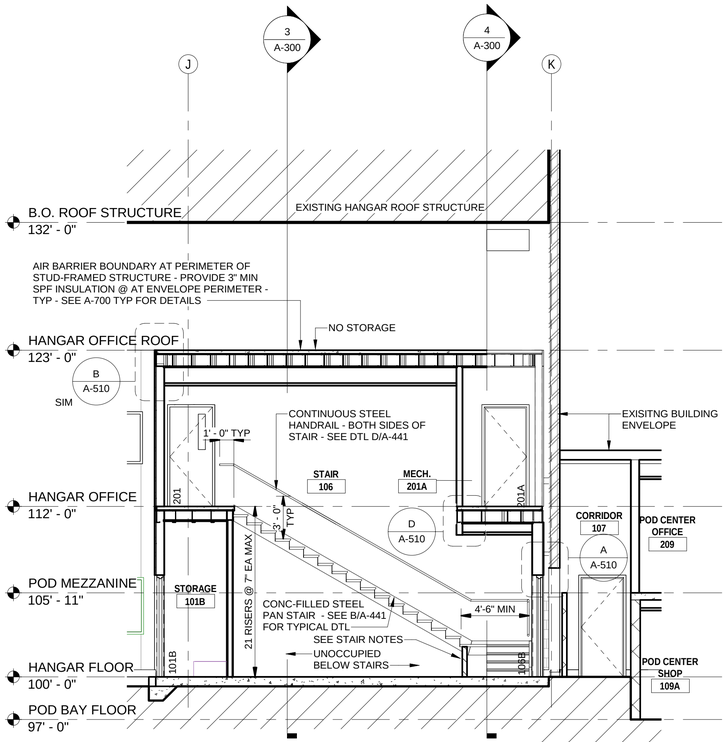
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 837)
MINOT AFB, NORTH DAKOTA

BUILDING SECTIONS

SHEET ID

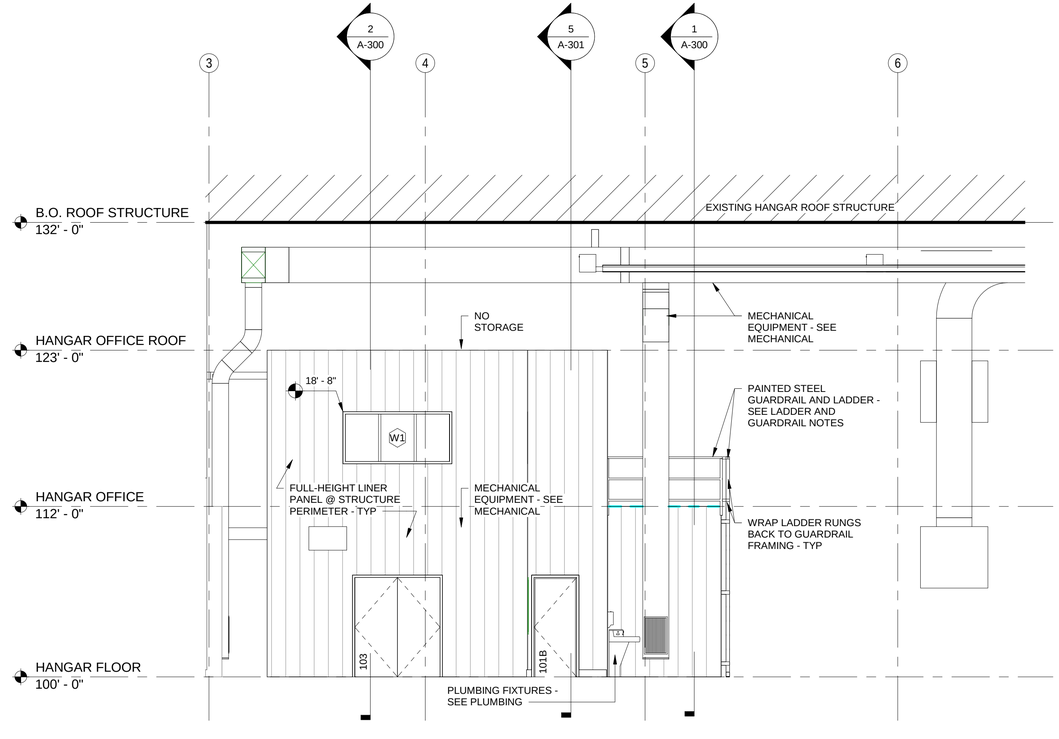
A-300



5 A-301 **BUILDING SECTION 5**

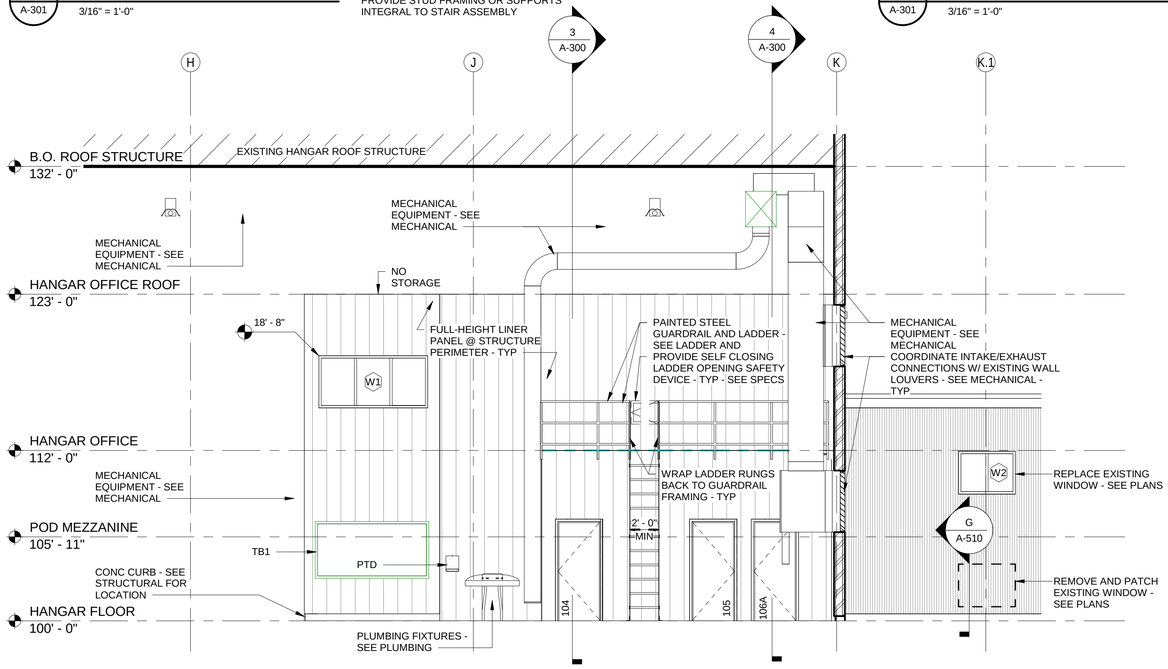
3/16" = 1'-0"

*STAIR NOTE: COORDINATE LANDING SUPPORT REQUIREMENTS - CONTRACTOR OPTION TO PROVIDE STUD FRAMING OR SUPPORTS INTEGRAL TO STAIR ASSEMBLY



6 A-301 **INTERIOR ELEVATION 6**

3/16" = 1'-0"



7 A-301 **INTERIOR ELEVATION 7**

3/16" = 1'-0"

GUARDRAIL & LADDER NOTES:
1. DESIGN AND ANCHOR GUARDRAILS TO RESIST 250 LB POINT LOAD AT ANY POINT ALONG THE RAILING SYSTEM. PROVIDE GUARDRAIL WITH 4" TALL TOE KICK.
2. STL LADDER ASSEMBLY SHALL BE DESIGNED IN ACCORDANCE WITH OSHA 1910.27 AND AISC STEEL CONSTRUCTION MANUAL, 13TH EDITION FOR A LIVE CONCENTRATED LOAD OF 300 POINDS PLUS AN ADDITIONAL 300 POUNDS CONCENTRATED LOAD FOR EVERY 10 FEET OF LADDER HEIGHT. WELD RAILS OF LADDER TO TOP EDGE OF GUARDRAIL. GRIND WELDS SMOOTH AND PROVIDE PAINTED FINISH.
3. CONNECTION DETAILS SHALL BE BY LADDER AND GUARDRAIL FABRICATOR. PROVIDE BRACKETS AND BLOCKING AS REQ'D.
4. GUARDRAILS AND LADDER SHALL BE PAINTED.
5. FIELD VERIFY STRUCTURAL CONDITIONS AND CRITICAL DIMENSIONS PRIOR TO FABRICATION AND INSTALLATION OF LADDER AND GUARDRAIL ASSEMBLIES. PROVIDE BLOCKING AS REQUIRED.

0 4' 8' 12'

US Army Corps of Engineers ®
Omaha District

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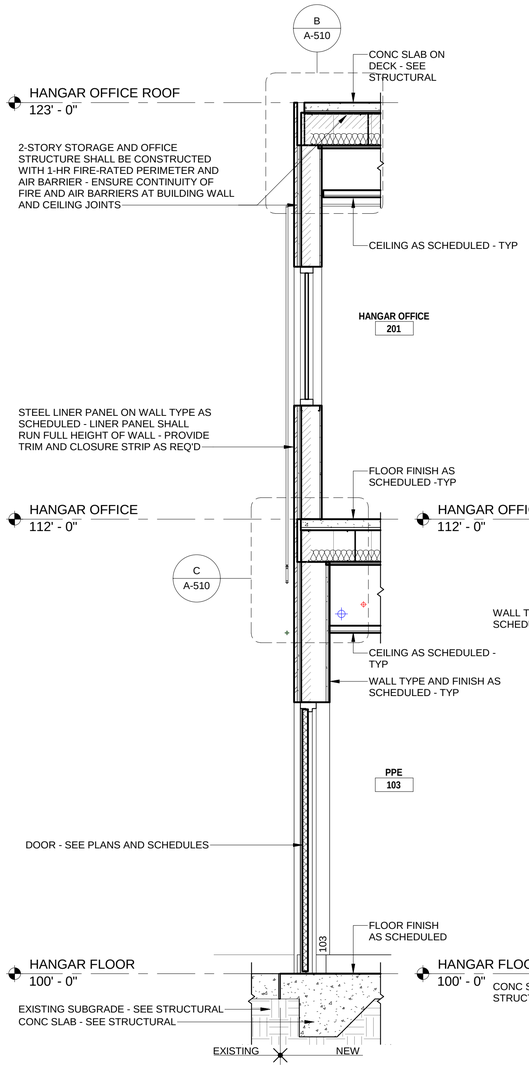
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 837)
MINOT AFB, NORTH DAKOTA

BUILDING SECTIONS AND ELEVATIONS

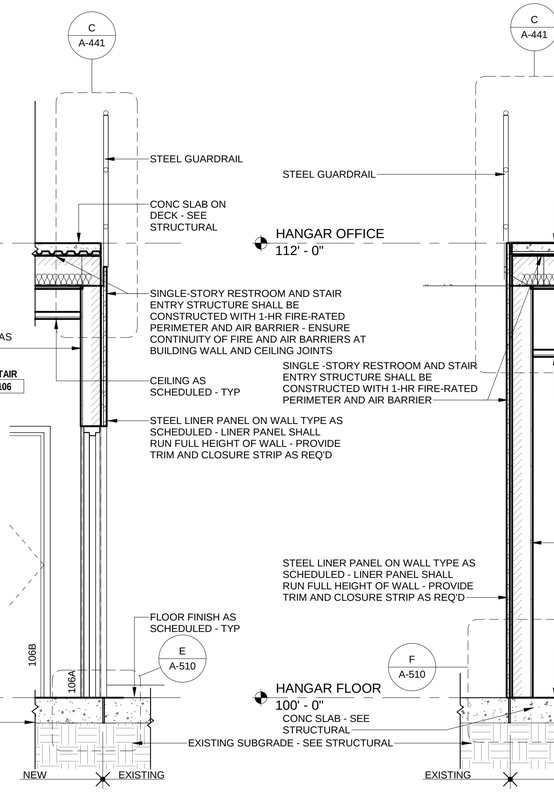
SHEET ID

A-301



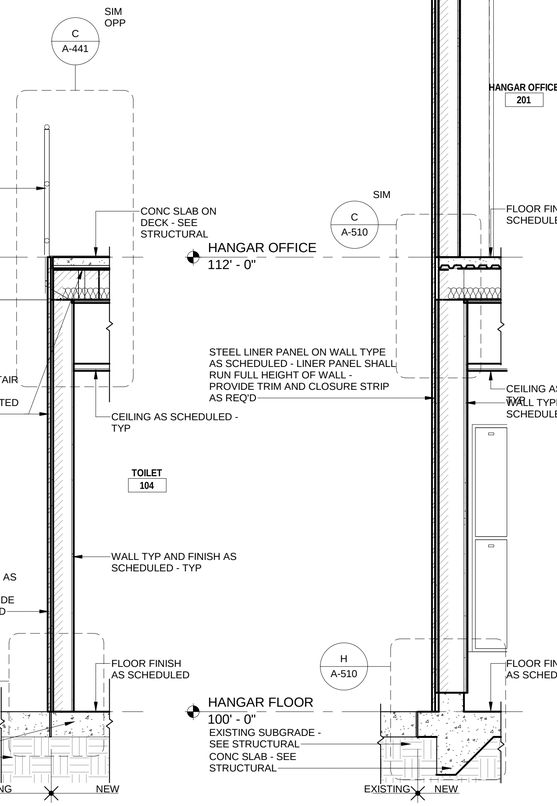
1 A-400 WALL SECTION 1

1/2" = 1'-0"



2 A-400 WALL SECTION 2

1/2" = 1'-0"

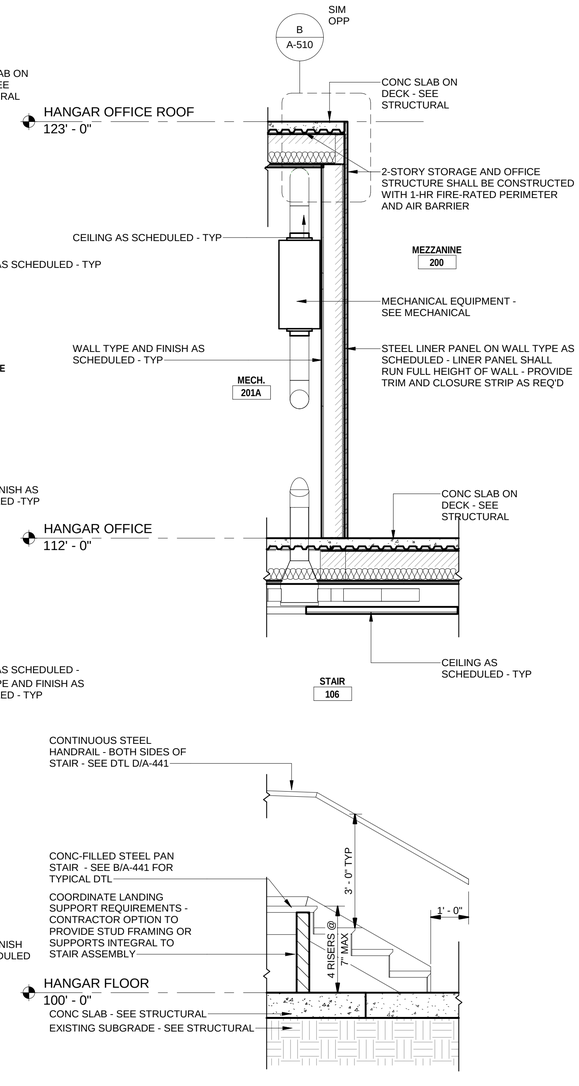


3 A-400 WALL SECTION 3

1/2" = 1'-0"

4 A-400 WALL SECTION 4

1/2" = 1'-0"



5 A-400 WALL SECTION 5

1/2" = 1'-0"

0 1' 2' 4'

US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
CONTRACT NO.:
FILE NUMBER:

DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI 'D'
FILE NAME:

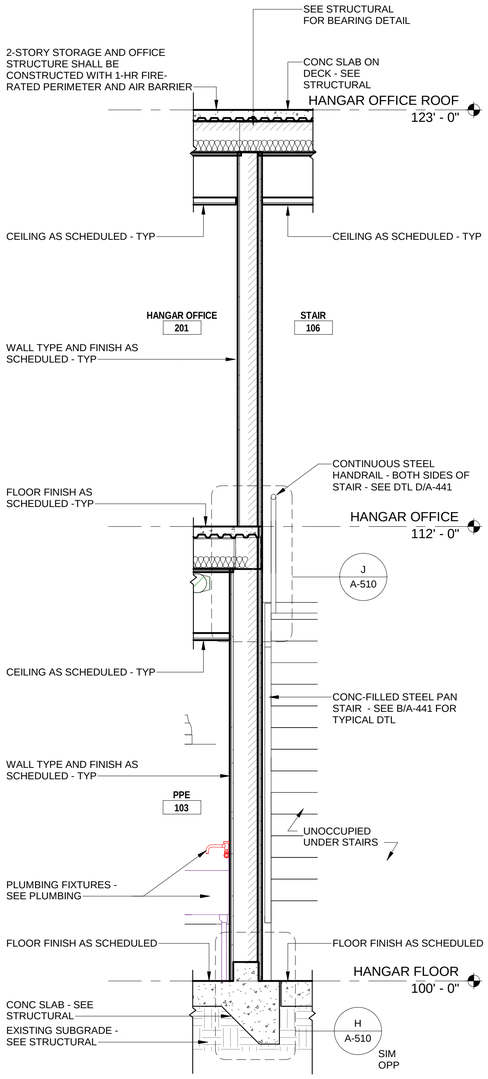
US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5
(BUILDING 637)
MINOT AFB, NORTH DAKOTA

WALL SECTIONS

SHEET ID

A-400



6 / A-401 WALL SECTION 6

1/2" = 1'-0"

0 1' 2' 4'

US Army Corps of Engineers ®
Omaha District

MARK	DESCRIPTION	DATE

DESIGNED BY: A. TEMEYER
DRAWN BY: A. TEMEYER
CHECKED BY: B. GORUP
SUBMITTED BY: B. GORUP
SIZE: ANSI D
ISSUE DATE: 02/19/2020
SOLICITATION NO.: W9128F-20-R-0026
CONTRACT NO.:
FILE NUMBER:
FILE NAME:

US ARMY CORPS OF ENGINEERS
OMAHA DISTRICT
1616CAPITOL AVE
OMAHA, NE 68102

REPAIR B-52 MAINTENANCE DOCK 5 (BUILDING 837)
MINOT AFB, NORTH DAKOTA

WALL SECTIONS

SHEET ID

A-401