

# MOUNT OLIVE CORRECTIONAL COMPLEX

MOUNT OLIVE, WEST VIRGINIA

## QUILLIAMS UNITS I AND II RECREATIONAL YARD METAL CAGES PROJECT

CONSTRUCTION DOCUMENTS: JUNE 19, 2013

EARL RAY TOMBLIN:

JOSEPH THORNTON:

JAMES RUBENSTEIN:

JAMES IELAPI:

PHILIP FARLEY II:

GOVERNOR

SECRETARY - W.V. DEPARTMENT OF MILITARY AFFAIRS AND PUBLIC SAFETY

COMMISSIONER - W.V. DIVISION OF CORRECTIONS

DEPUTY COMMISSIONER - W.V. DIVISION OF CORRECTIONS

CONSTRUCTION MANAGER - W.V. DIVISION OF CORRECTIONS



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- ① EXISTING CMU WALL STRUCTURE. CMU WALLS ARE FILLED WITH REBAR AND CONCRETE..
- ② EXISTING ENTRANCE DOOR TO RECREATIONAL ROOM AT REMAIN.
- ③ EMERGENCY EXIT DOOR.
- ④ MECHANICAL CHASE DOOR.
- ⑤ STORAGE CLOSET DOOR.
- ⑥ EXISTING WINDOWS.
- ⑦ NOT APPLICABLE.
- ⑧ NOT APPLICABLE.
- ⑨ 4" X 4" X 1/4" THICK STEEL TUBING.
- ⑩ 2" X 2" X 1/4" THICK STEEL TUBING.
- ⑪ 2" X 4" X 1/4" THICK STEEL TUBING.
- ⑫ 4" X 4" X 1/4" THICK STEEL L-BRACKET ANGLE STOP, WELD TO HORIZONTAL RAIL. EACH METAL CAGE MUST BE MOUNTED TO THE FLOOR ON THE OUTSIDE IN ALL FOUR CORNERS.
- ⑬ CONTINUOUS 3/4" GALVANIZED TERMINAL BAR FASTEN TO STEEL TUBING AT 12" O.C. WITH 14" X 1" LONG STAINLESS STEEL SELF DRILLING PAN HEAD TORZ SECURITY SCREW. THE TERMINAL BARS MUST BE INSTALLED OVER TOP OF THE SMA, NOT BEHIND IT.
- ⑭ 5" WELD ON SECURITY HINGES. THREE ARE REQUIRED PER DOOR.
- ⑮ SECURITY LOCK ASSEMBLY.
- ⑯ DIMENSIONS AS REQUIRED FOR LOCKSET.
- ⑰ DEADLATCH/DEADLOCK WITH GRILL MOUNTING.
- ⑱ CLEARANCE AS REQUIRED FOR HINGE.
- ⑲ CLEARANCE AS REQUIRED FOR LOCKSET.
- ⑳ 1" MAX.
- ㉑ 3/16" GALVANIZED STEEL PLATE WELD TO FRAMING AND GRID SMOOTH ALL EDGES AROUND OPENING.
- ㉒ GALVANIZED WELDED SECURITY MESH ASSEMBLY (SMA), WIRE GAUGE: 8, 0.162", HEIGHT EVERY 0.5 " X WIDTH EVERY 3". SMA IS SHOWN OF THE LAYOUT DRAWINGS TO GO IN BETWEEN THE STEEL TUBING STRUCTURE. ON THE MISCELLANEOUS DETAILS DRAWING, IT SHOWS THAT THE SMA COVERS THE ENTIRE SIDE AND STEEL TUBING STRUCTURE WHICH IS CORRECT.
- ㉓ DETENTION ENCLOSURE SECURITY MESH ASSEMBLY WELDS TO GATE FRAMING.
- ㉔ NOT APPLICABLE.
- ㉕ HAND CUFF PORT.
- ㉖ 2" MAX.
- ㉗ LADDER.
- ㉘ LADDER TO BE WELDED TO METAL STRUCTURE.
- ㉙ METAL CAGE #1.
- ㉚ METAL CAGE #2.
- ㉛ METAL CAGE #30.
- ㉜ PASS DOOR.
- ㉝ PASS DOOR HINGE.
- ㉞ LATCH ASSEMBLY.
- ㉟ LATCH BOX CATCH.

KEY NOTES

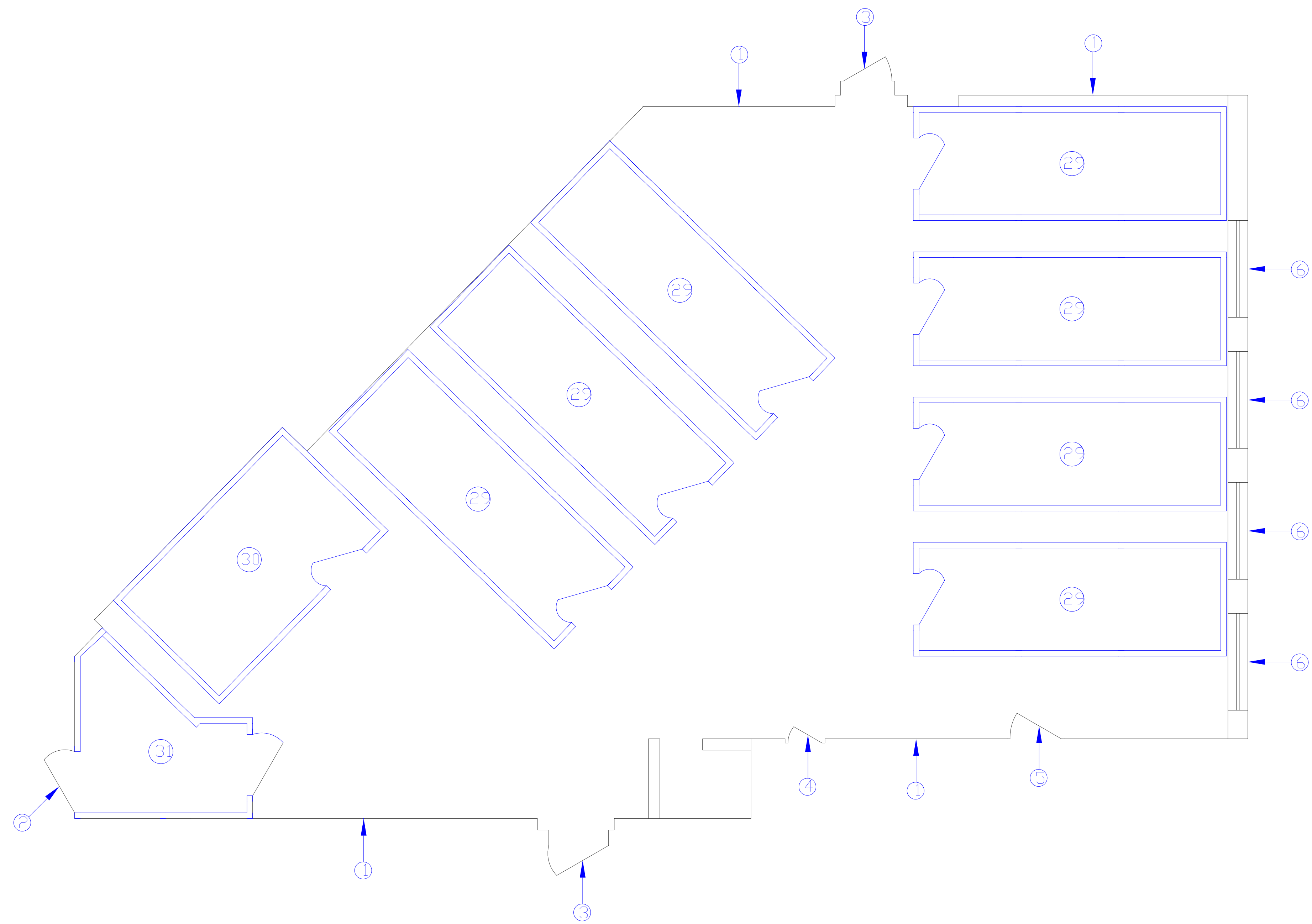
General Notes

No.	Revision/Issue	Date

Firm Name and Address  
**West Virginia Division of  
 Corrections**  
 1409 Greenbrier Street  
 Charleston, WV 25311

Project Name and Address  
**Quilliams - Units I an II Recreational  
 Yard Metal Cages Project**  
  
 Mount Olive Correctional Complex  
 1 Mountainside Way  
 Mount Olive, WV 25185

<small>Project</small> COR61615	<small>Sheet</small> A1-0
<small>Date</small> JUNE 17, 2013	
<small>Scale</small>	



METAL CAGE ROOM LAYOUT  
 SCALE: 1/4" = 1'

SEE DRAWING A1-0  
 FOR KEY NOTES.

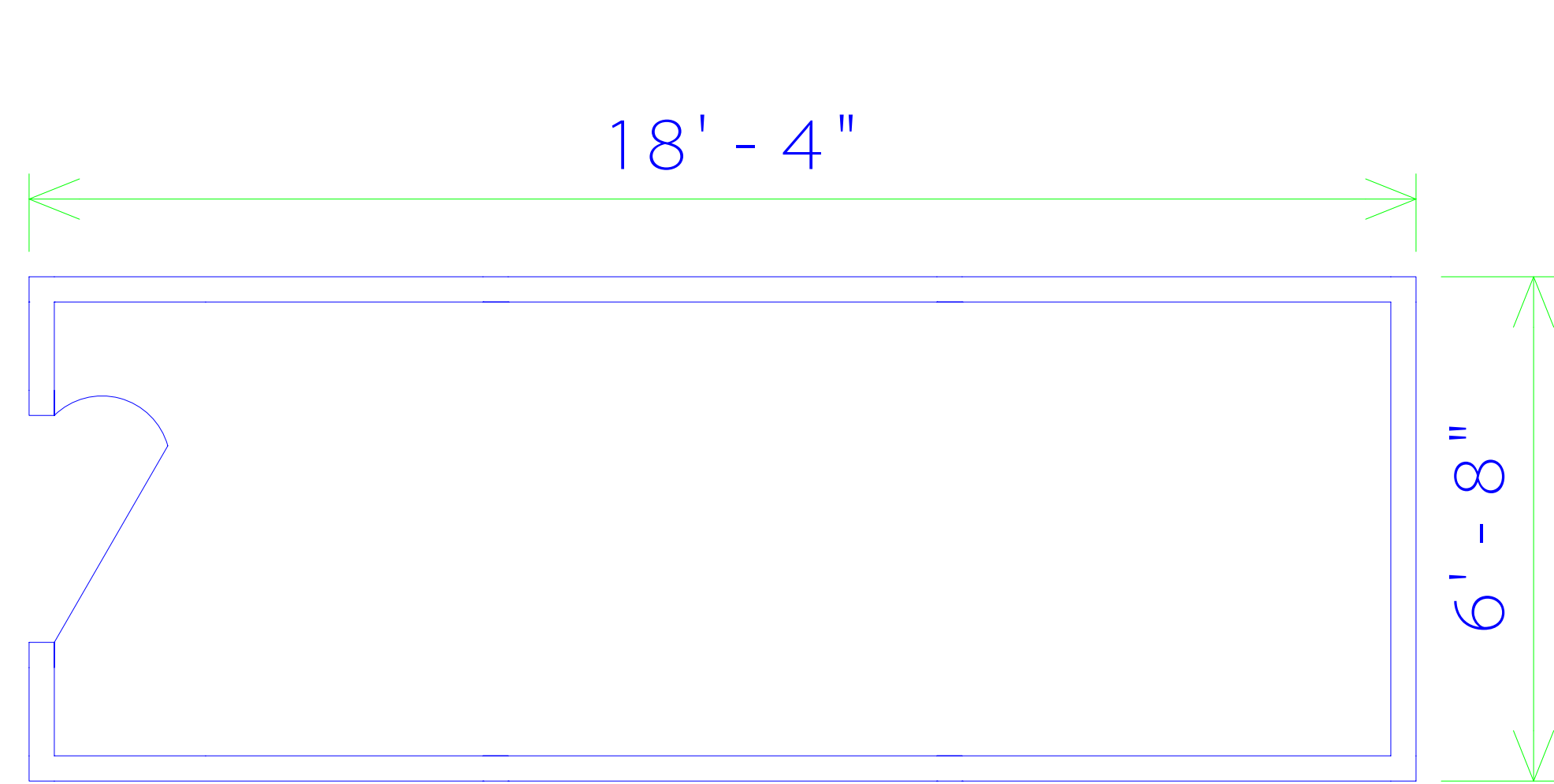
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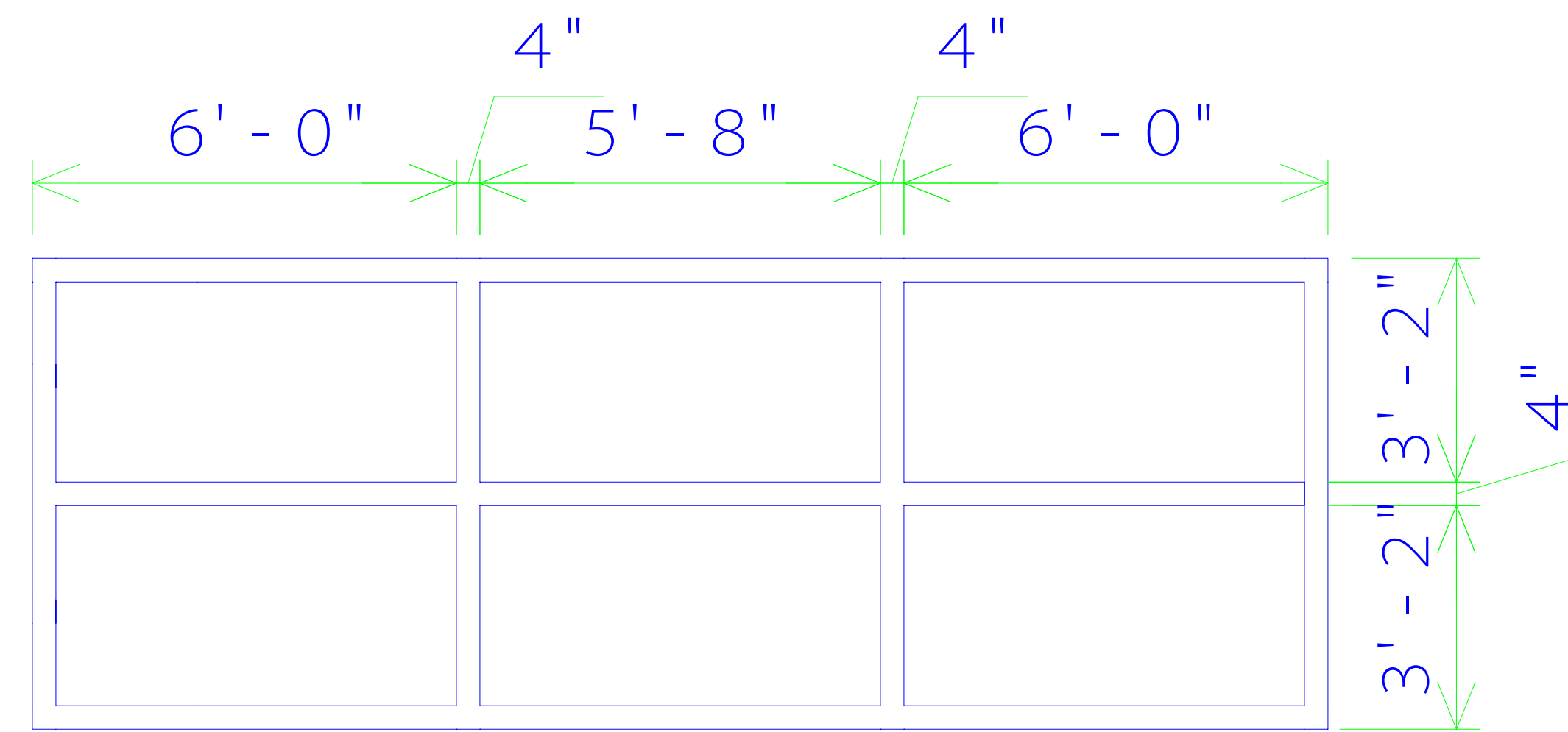
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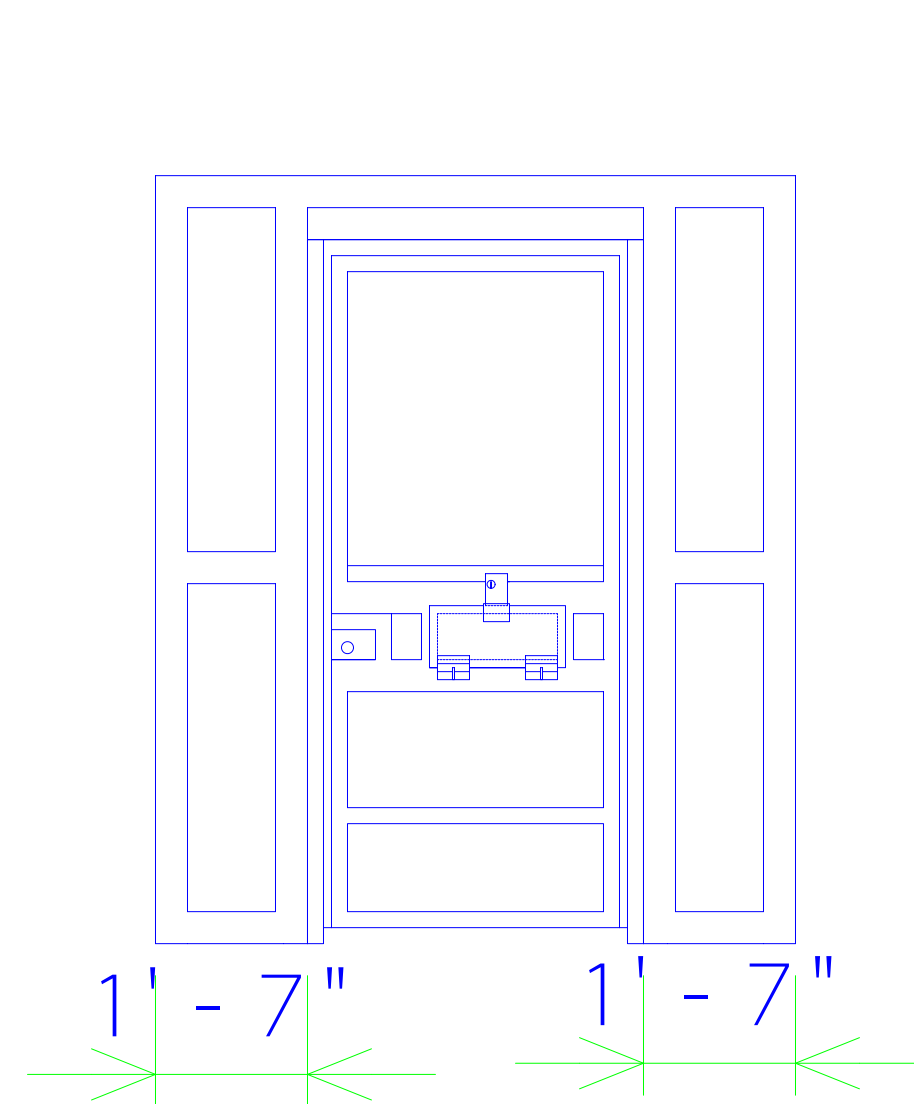
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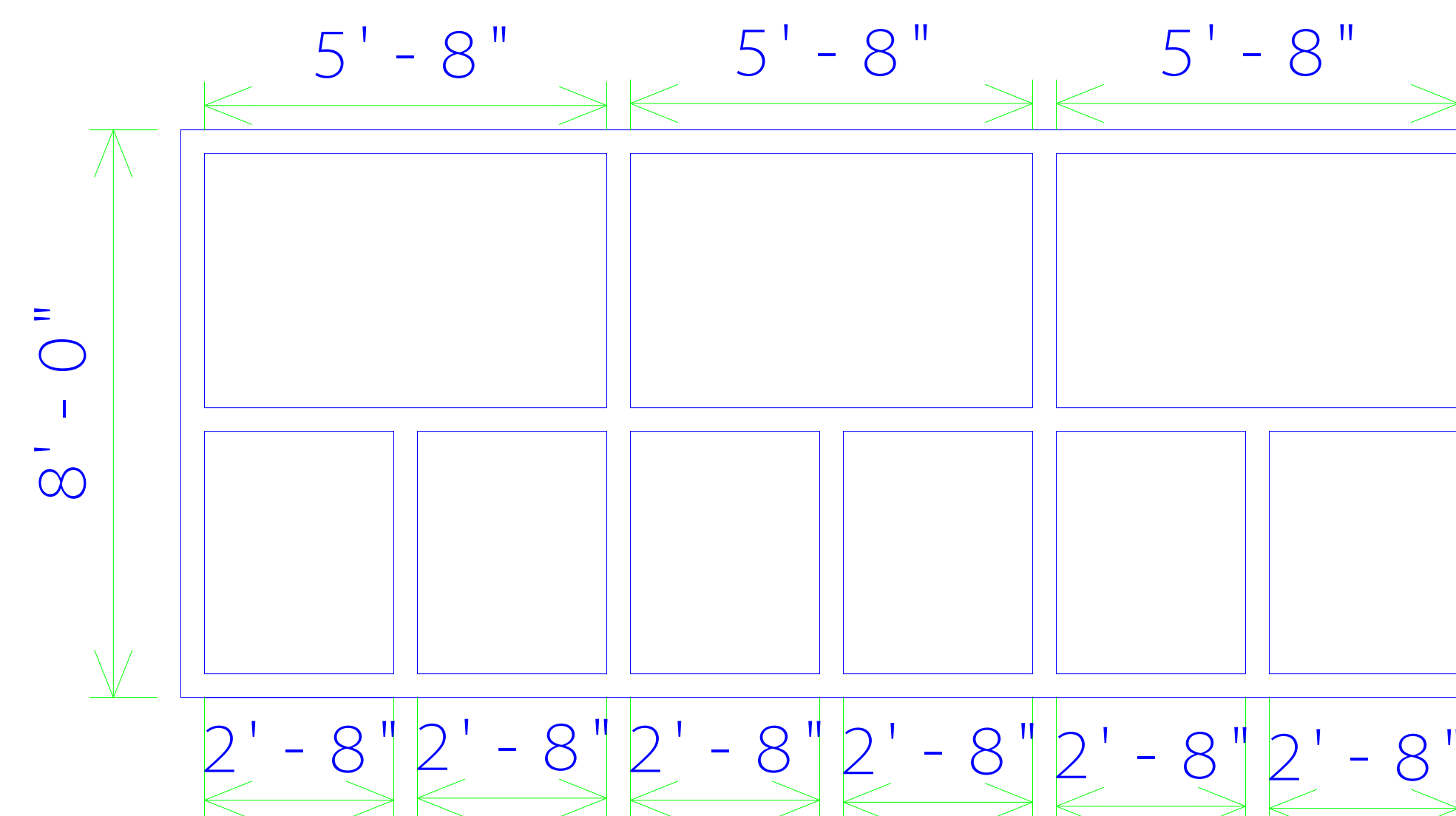
METAL CAGE EXTERIOR DIMENSIONS



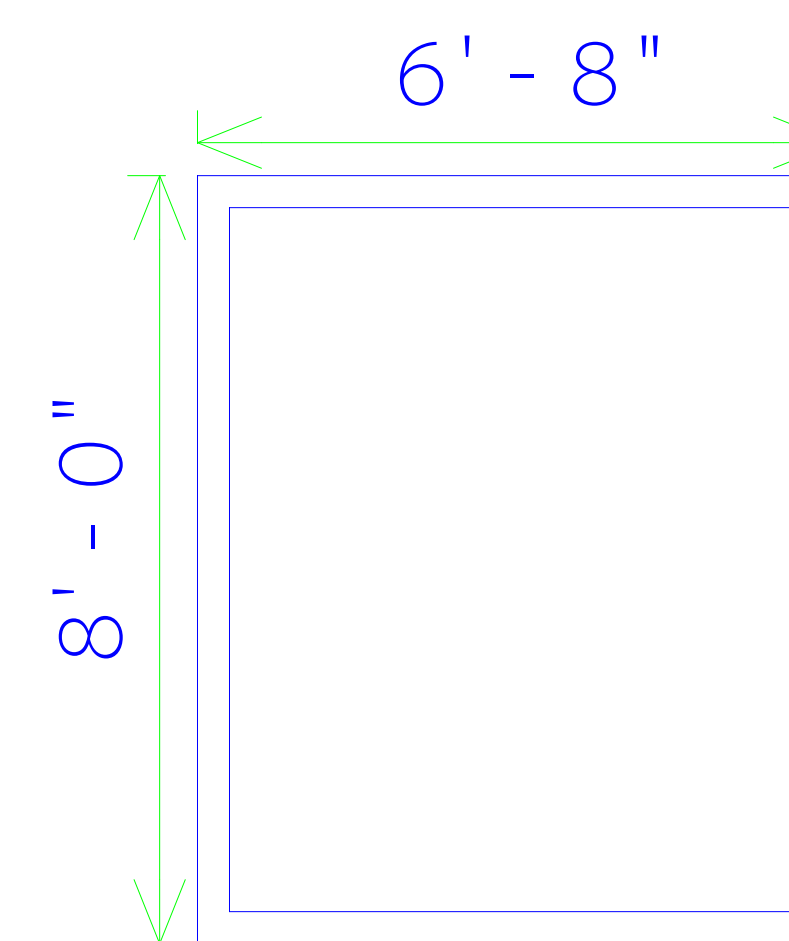
METAL CAGE ROOF STRUCTURE



METAL CAGE FRONT STRUCTURE



METAL CAGE SIDE STRUCTURE



METAL CAGE BACK STRUCTURE

METAL CAGE #1 LAYOUT DIMENSIONS  
SCALE: 1/2" = 1'

**SEE DRAWING A1-0  
FOR KEY NOTES.**

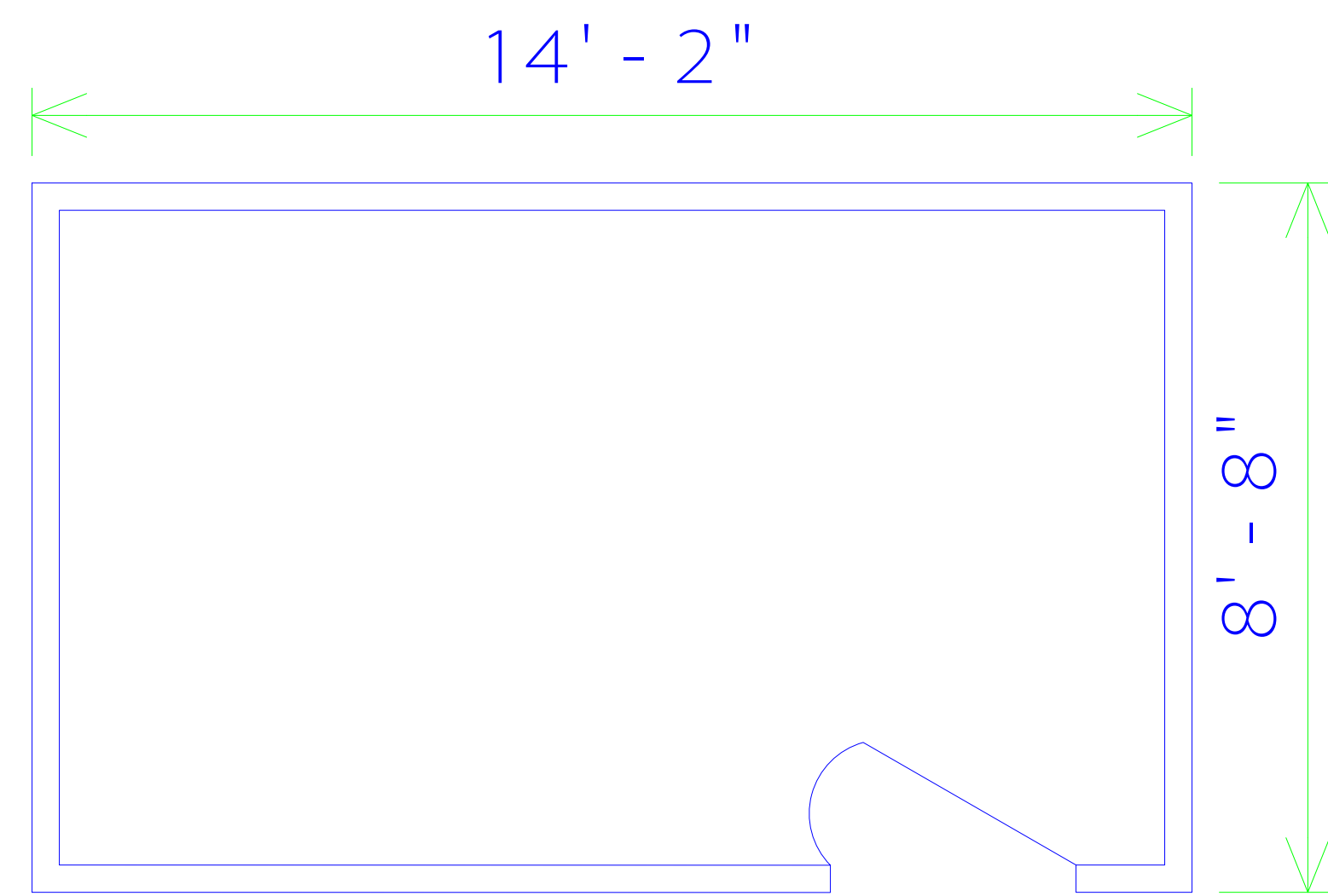
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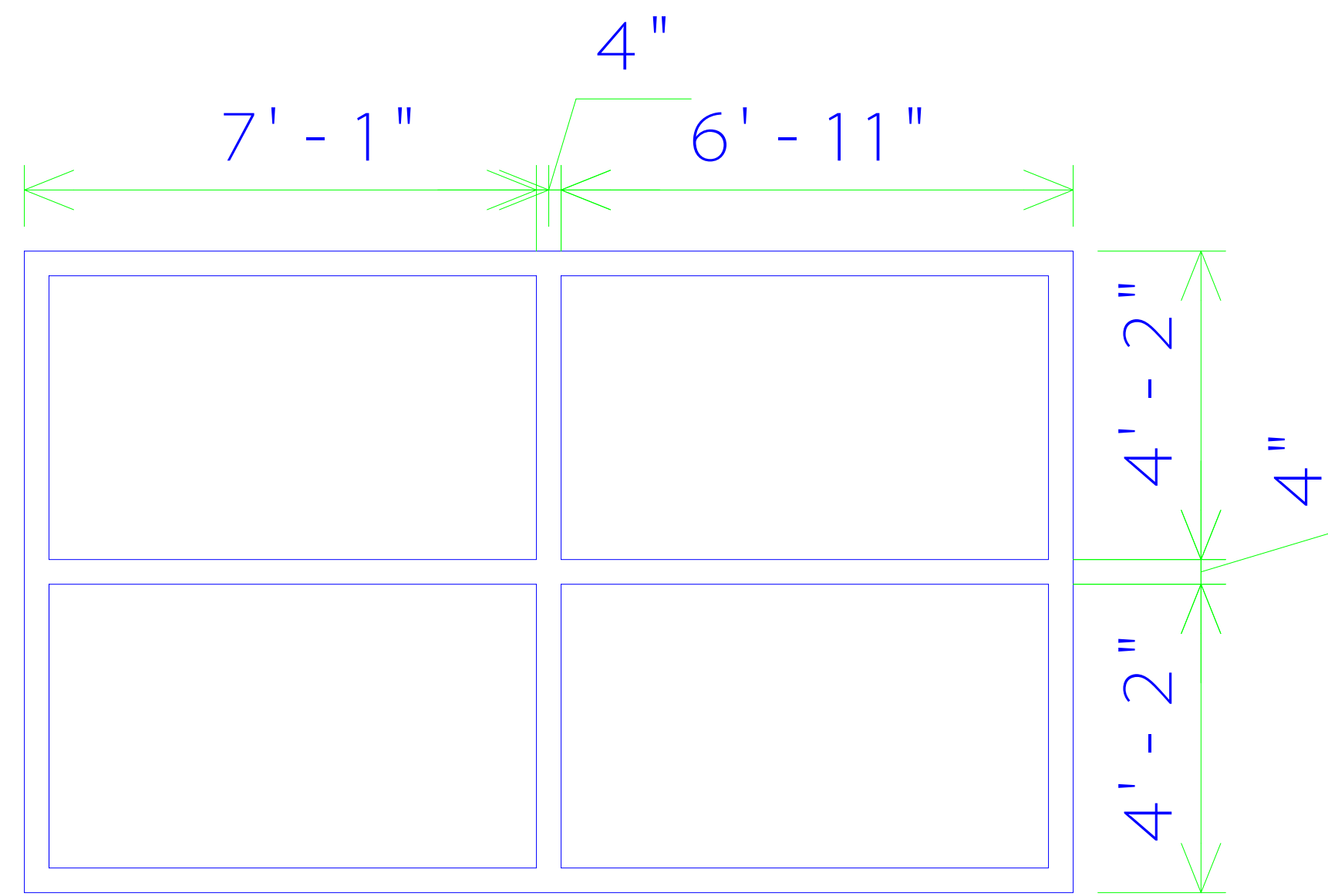
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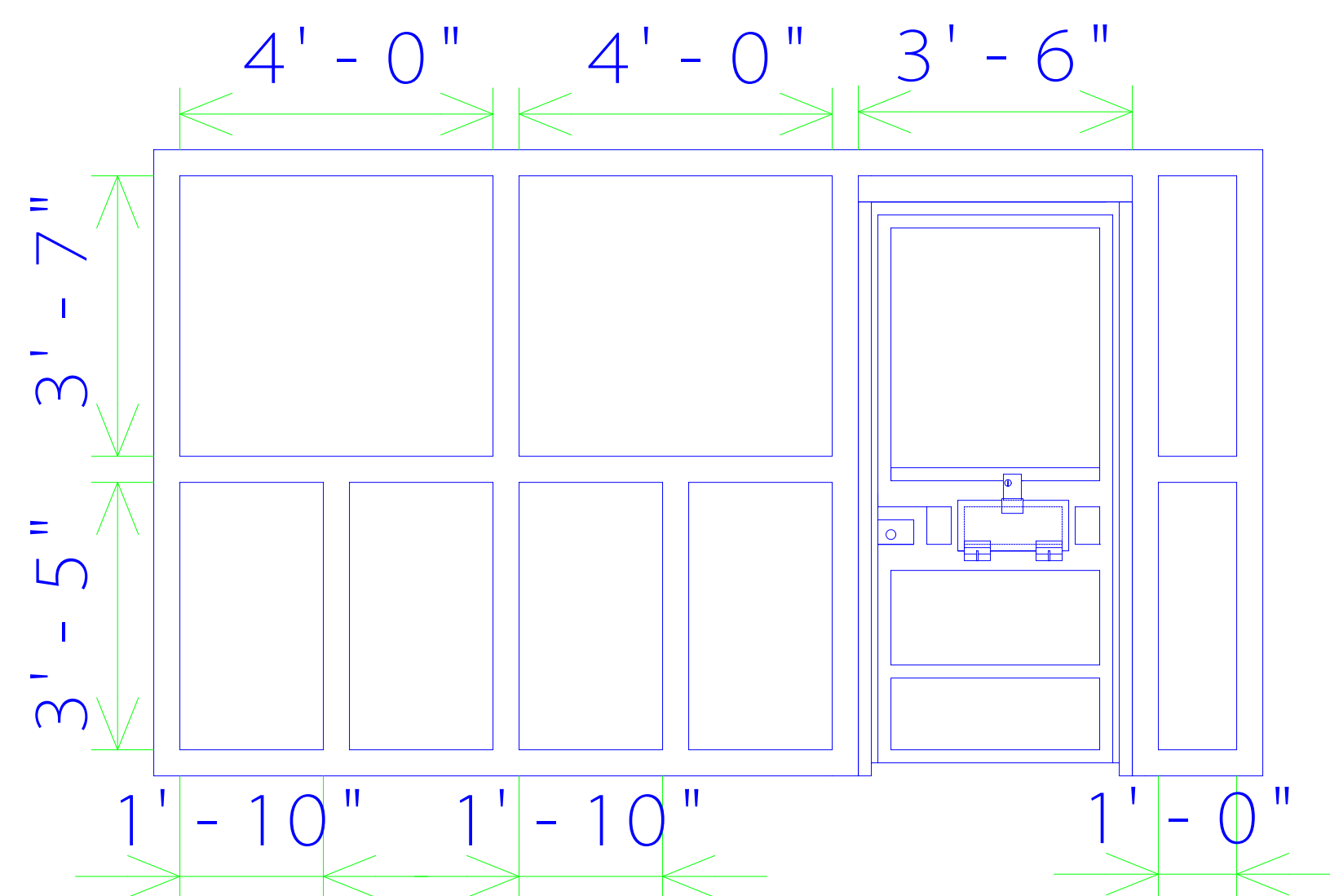
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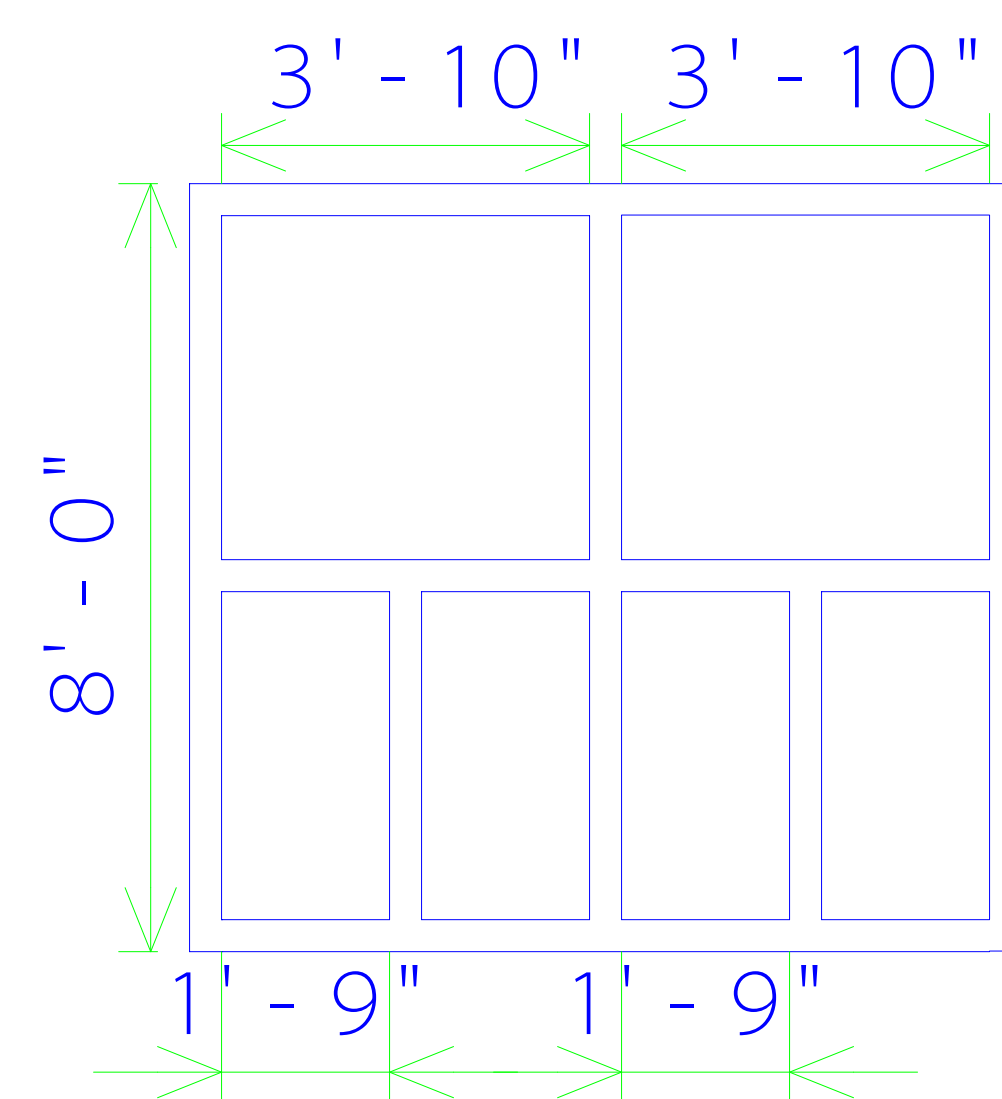
METAL CAGE EXTERIOR DIMENSIONS



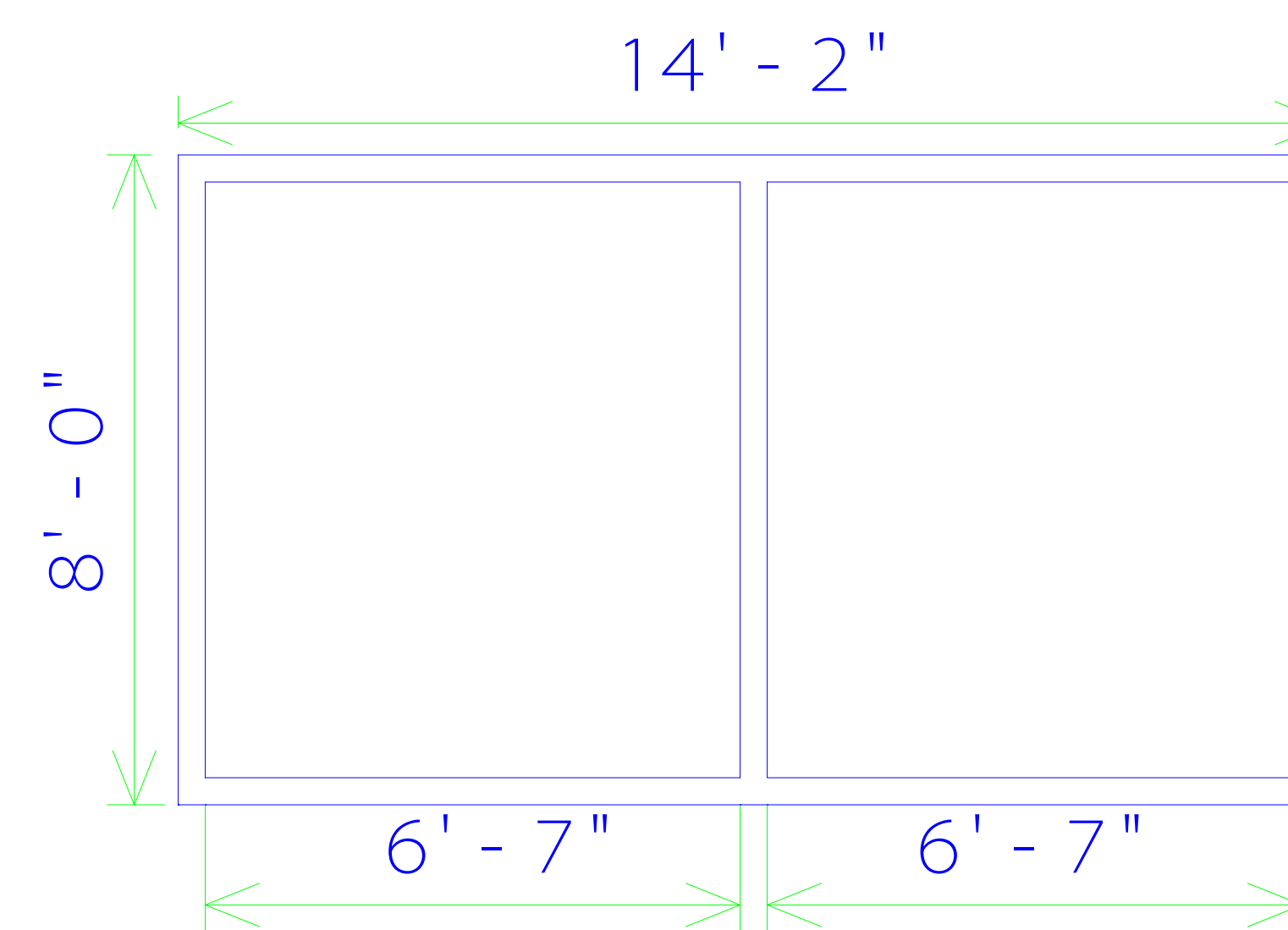
METAL CAGE ROOF STRUCTURE



METAL CAGE FRONT STRUCTURE



METAL CAGE SIDE STRUCTURE



METAL CAGE BACK STRUCTURE

METAL CAGE #2 LAYOUT DIMENSIONS  
SCALE: 1/2" = 1'

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FOR KEY NOTES.

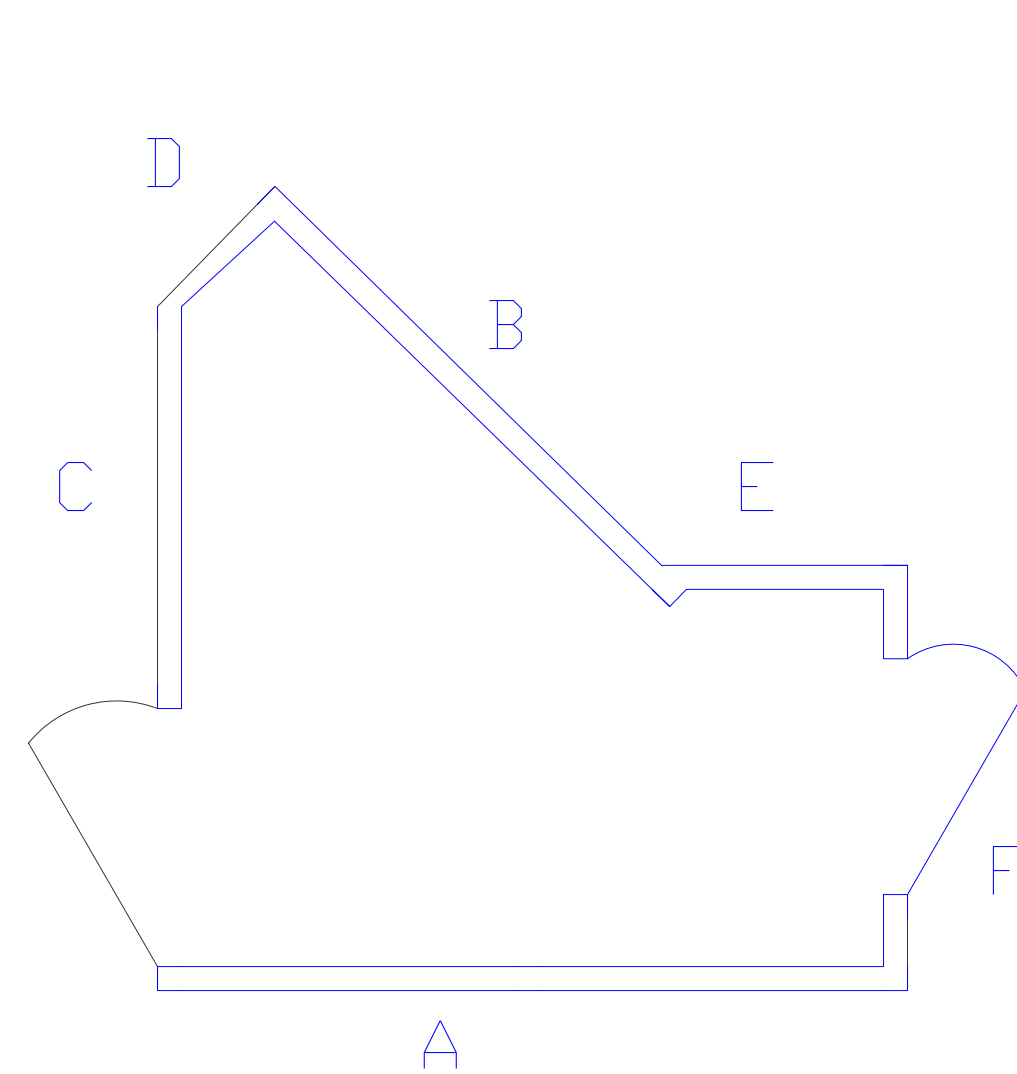
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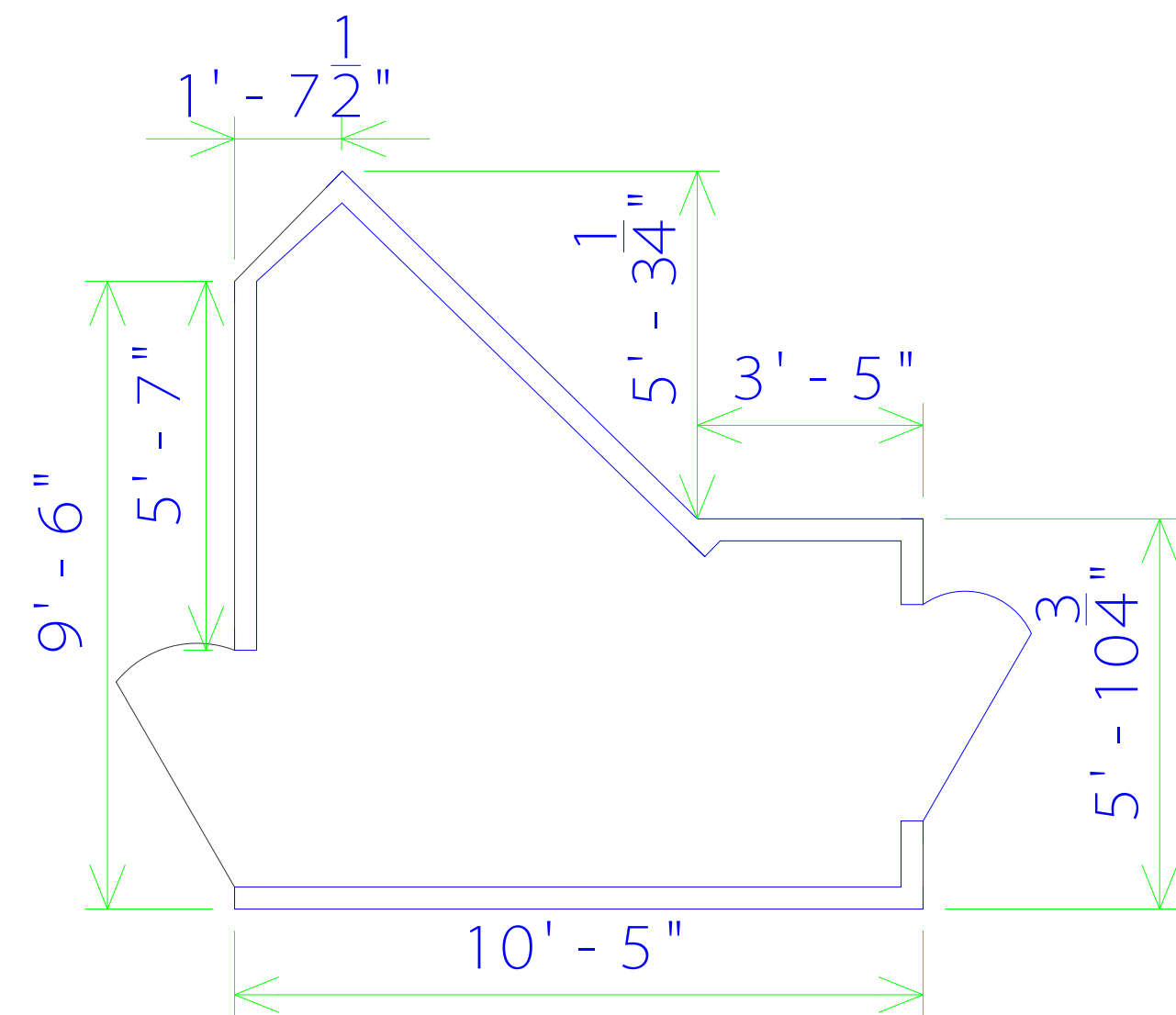
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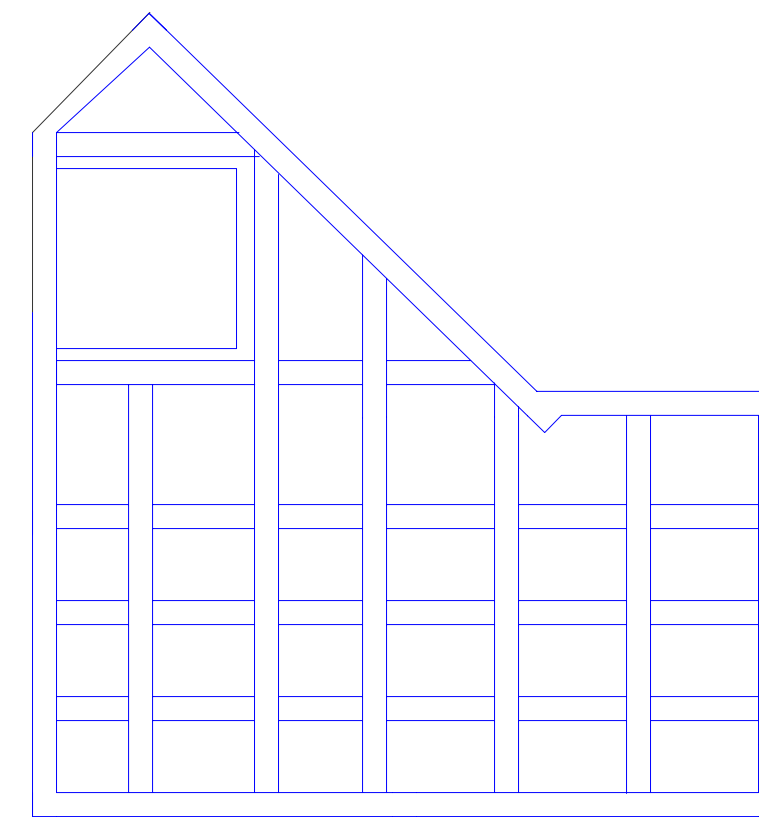
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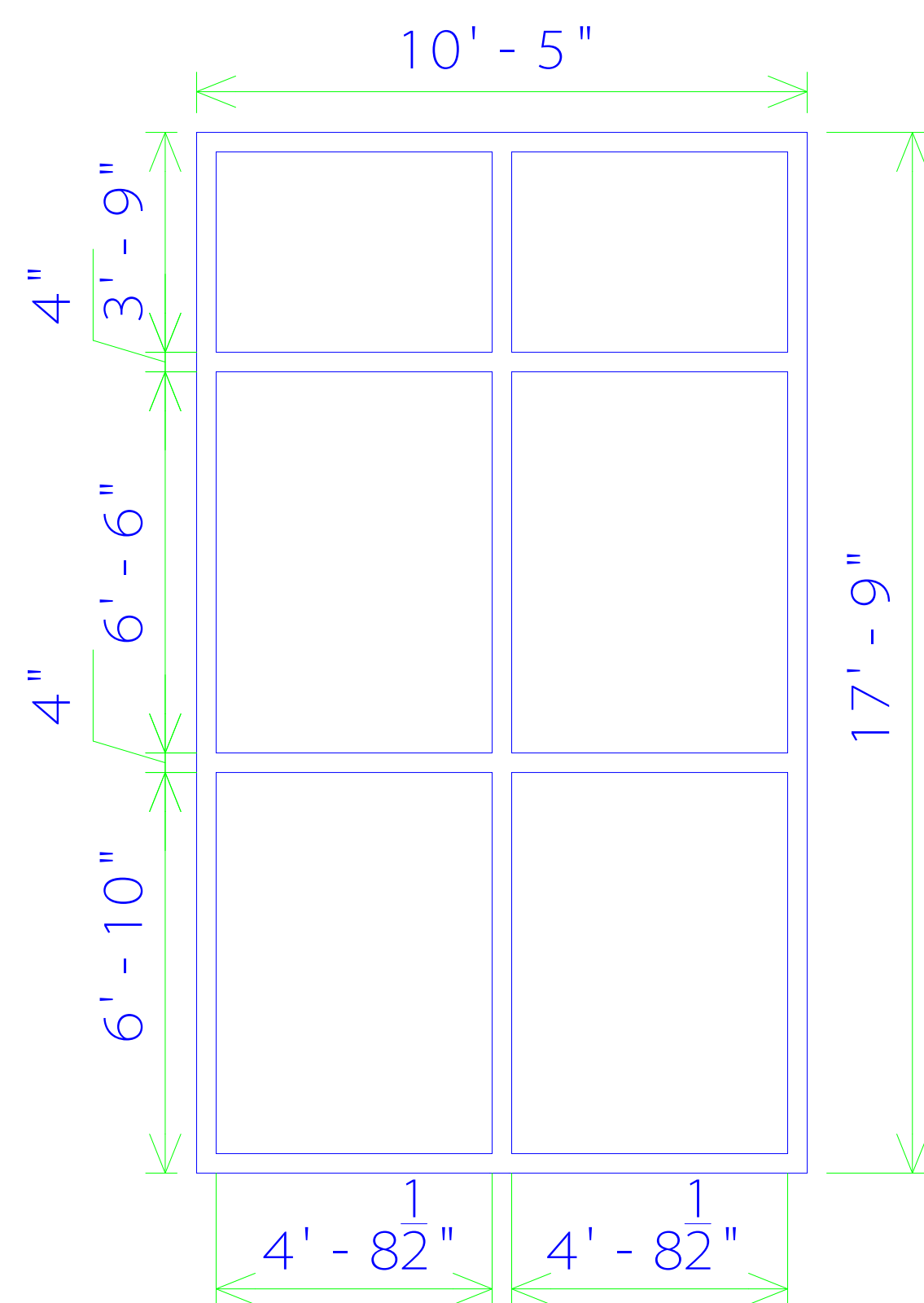
METAL CAGE LAYOUT



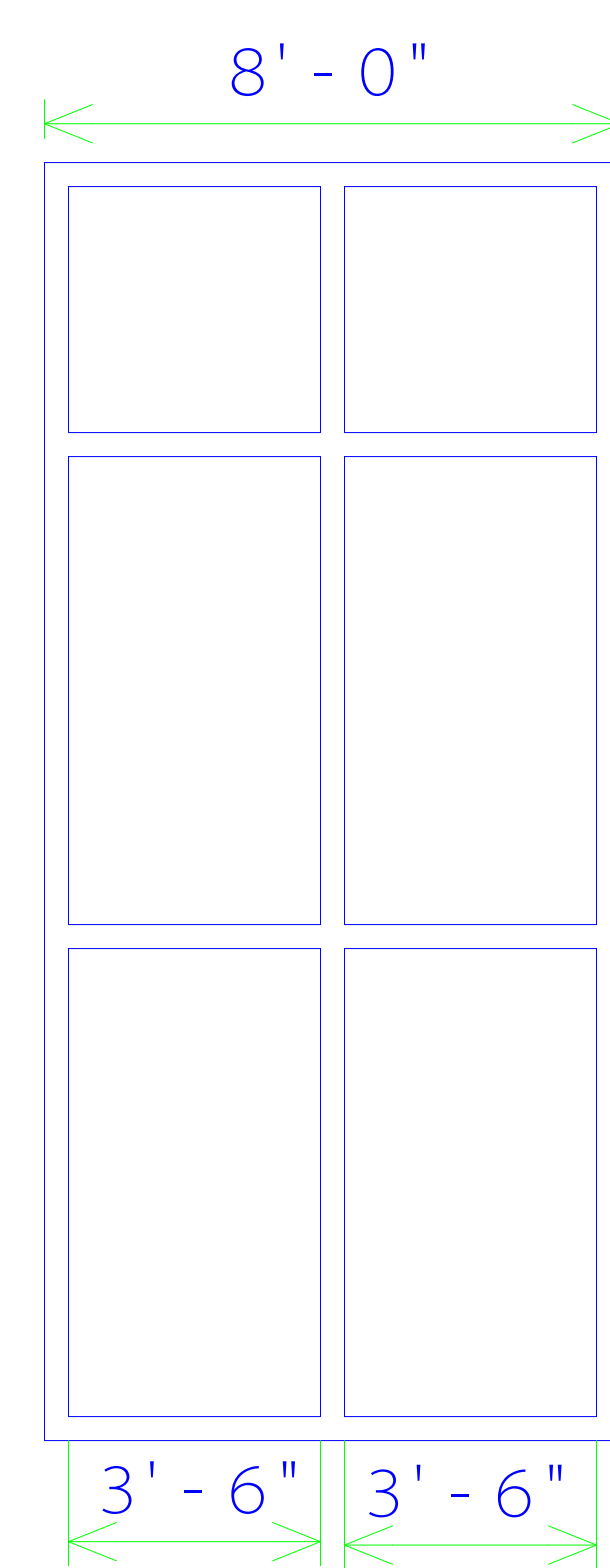
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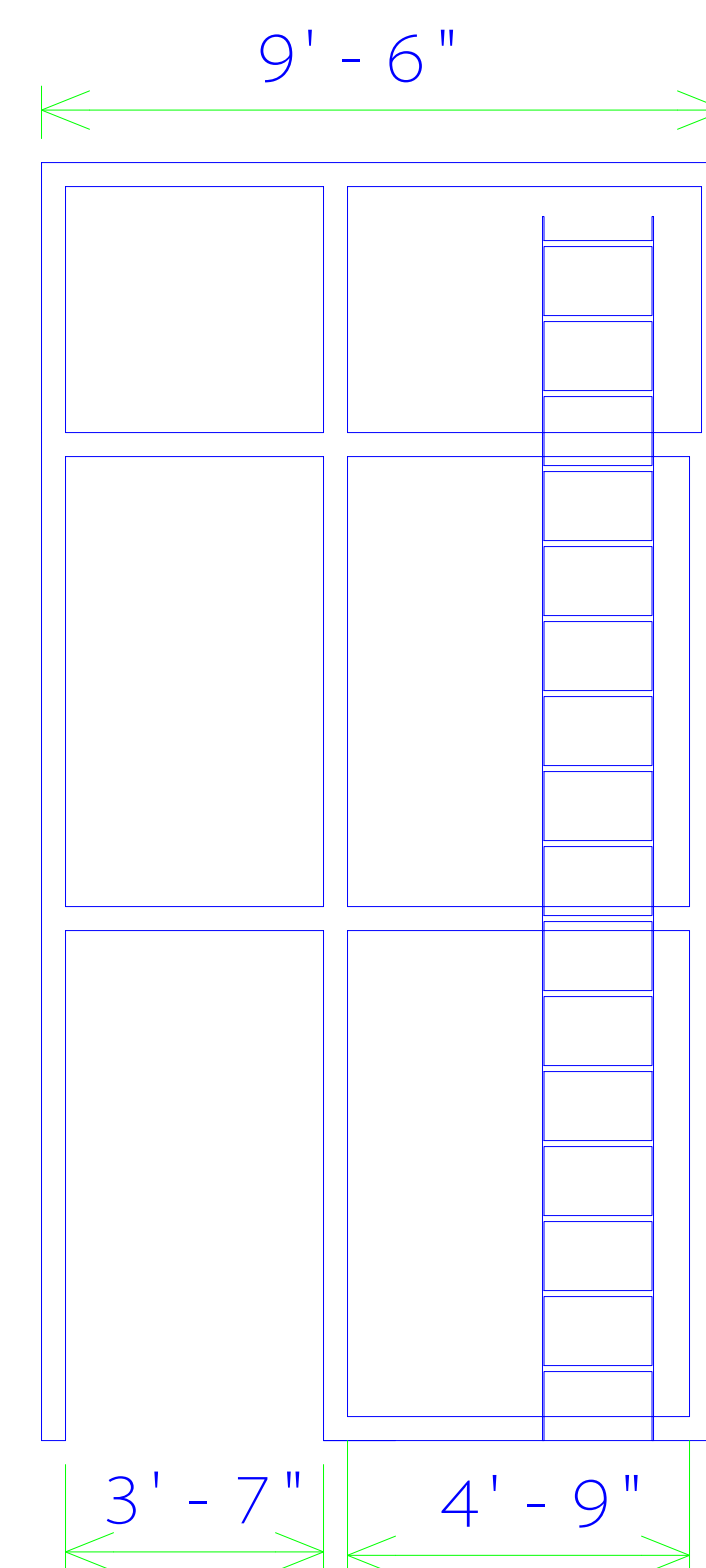
METAL CAGE SECOND FLOORS LAYOUT



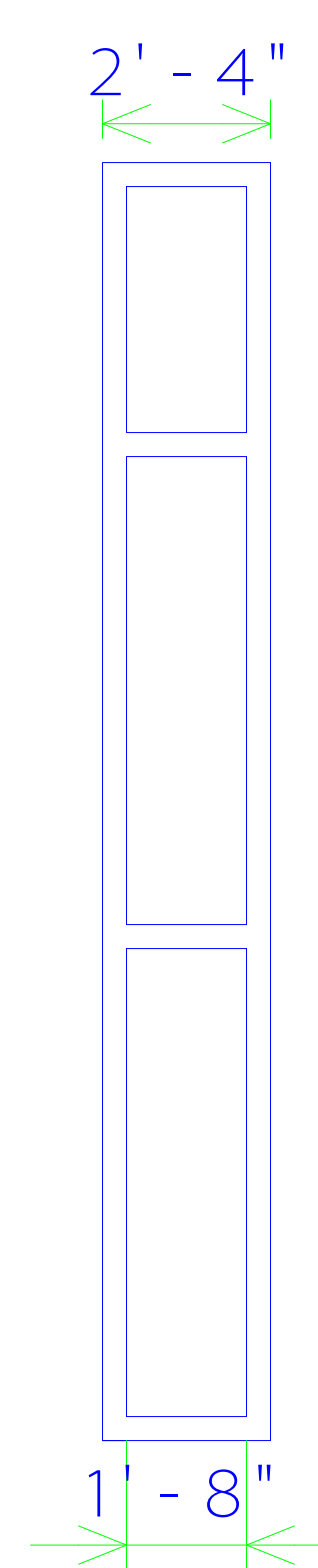
METAL CAGE DIMENSIONS  
AREA (A)



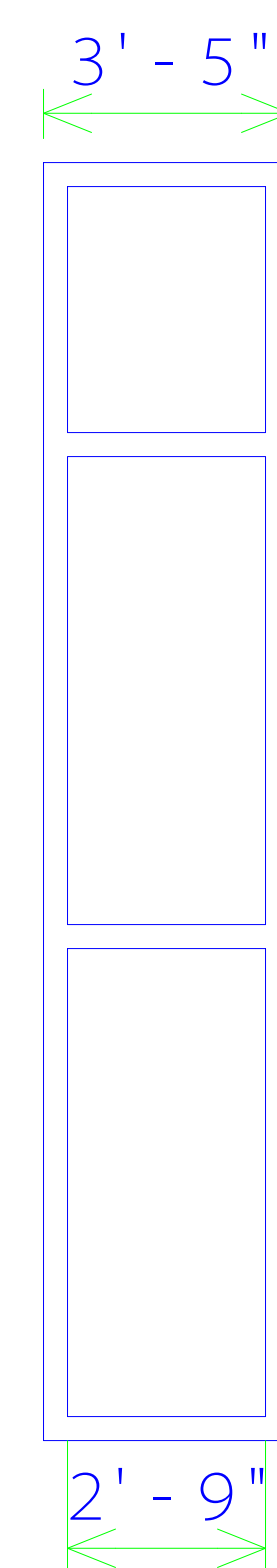
METAL CAGE DIMENSIONS  
AREA (B)



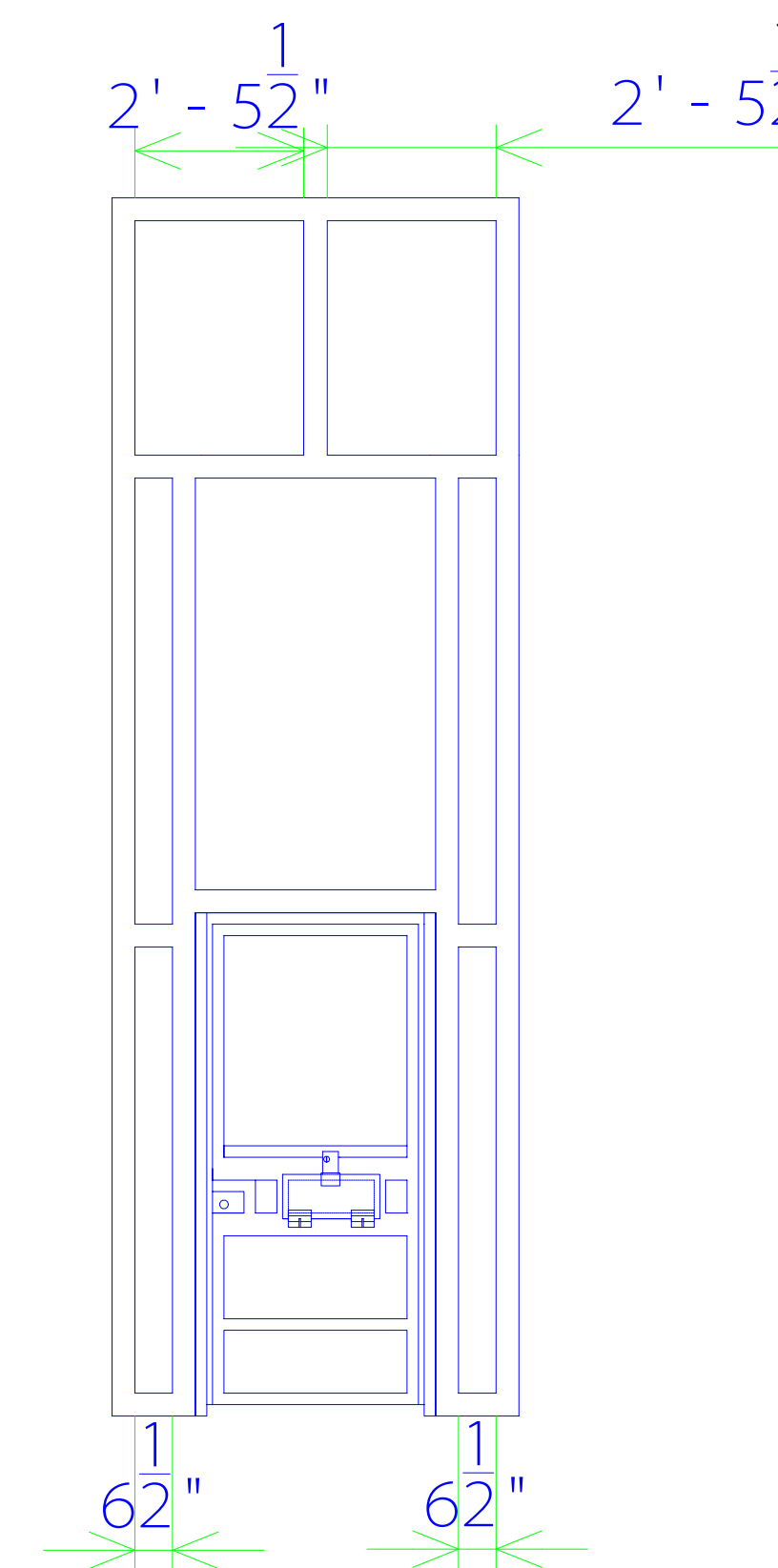
METAL CAGE DIMENSIONS  
AREA (C) - INSIDE CAGE



METAL CAGE DIMENSIONS  
AREA (D)



METAL CAGE DIMENSIONS  
AREA (E)



METAL CAGE DIMENSIONS  
AREA (F)

METAL CAGE #3 DIMENSIONS  
SCALE: 3/8" = 1'

SEE DRAWING A1-0  
FOR KEY NOTES.

General Notes

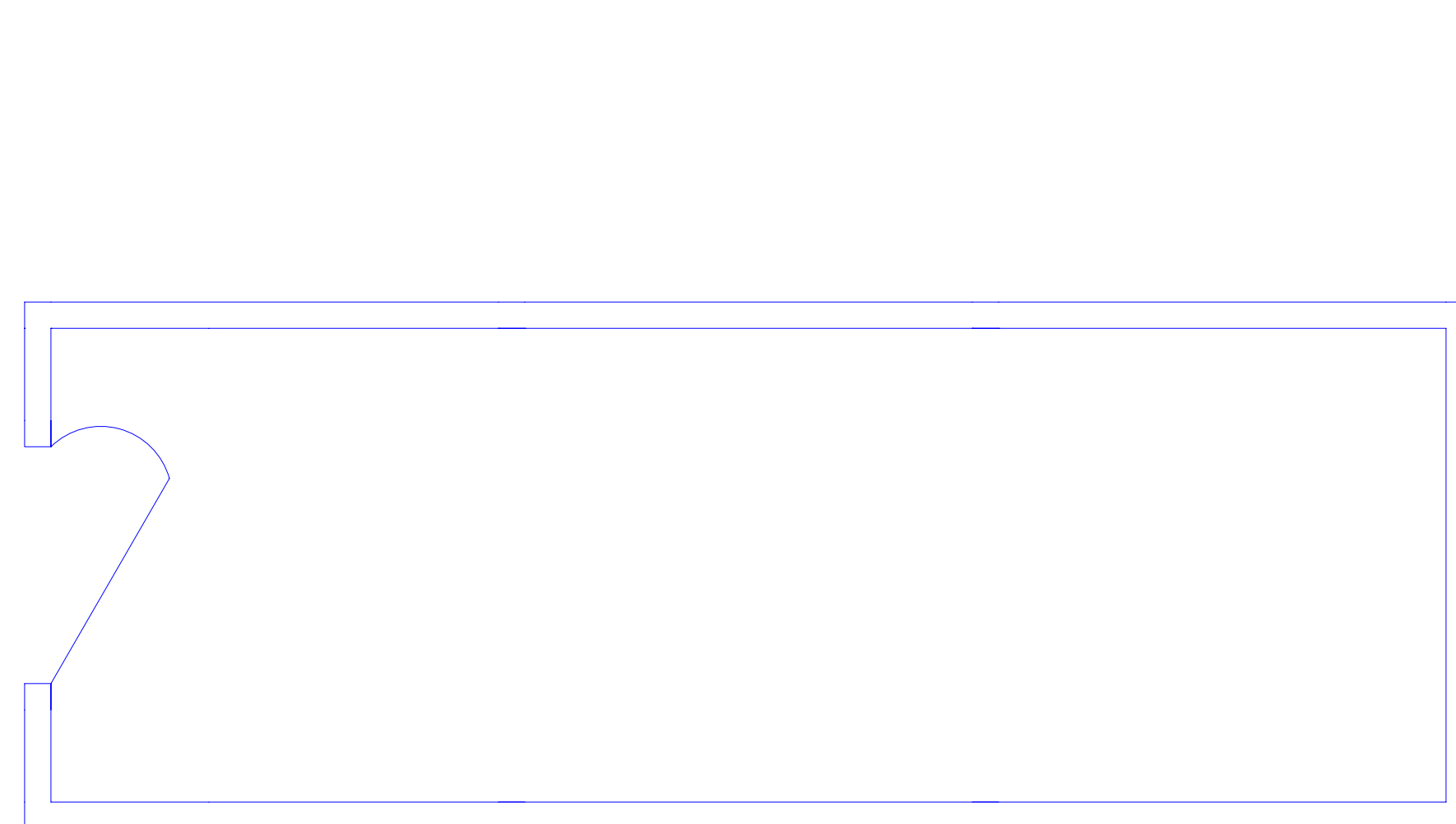
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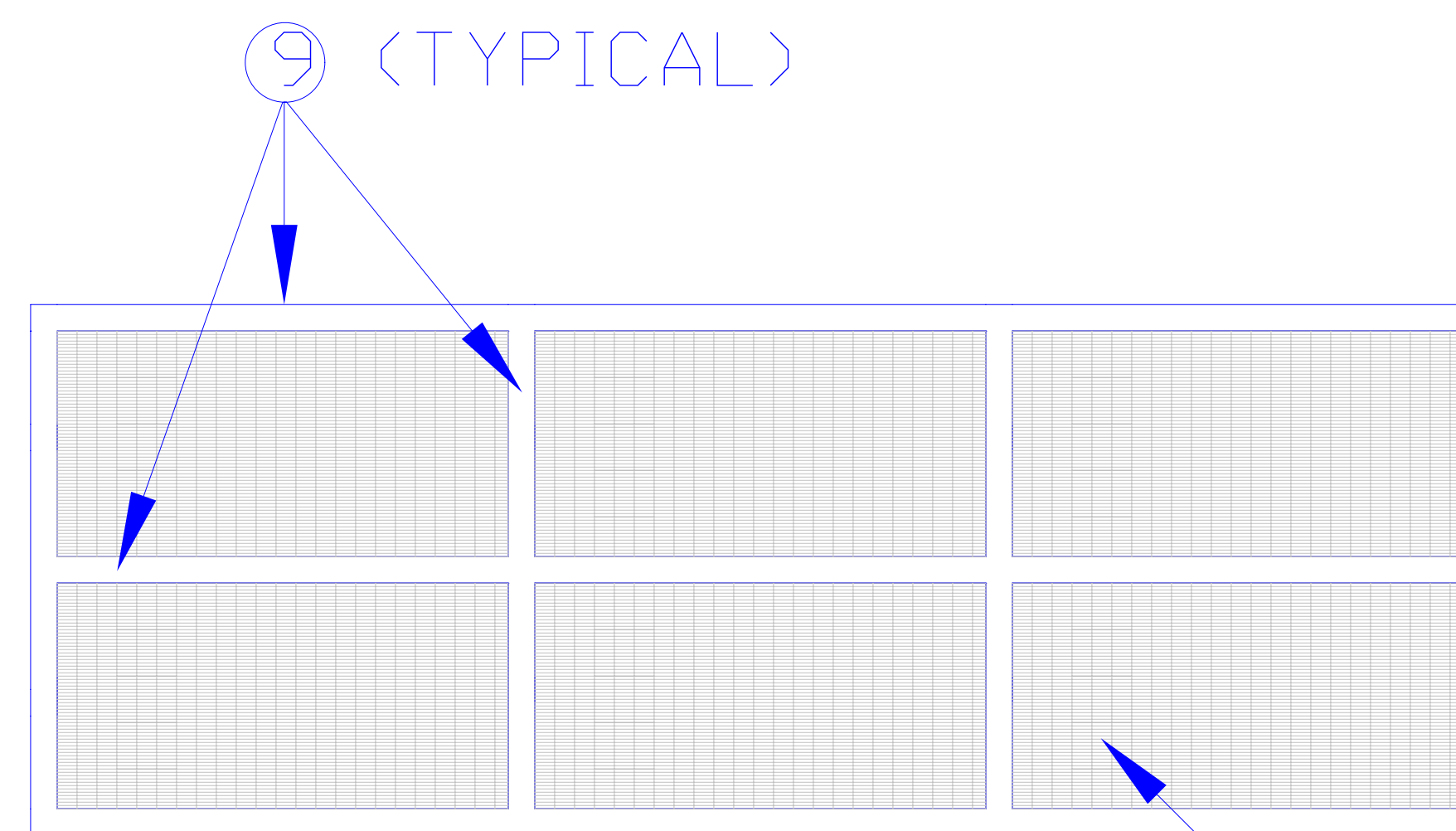
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Project	COR61615	Sheet	A2-3
Date	JUNE 17, 2013		
Scale	3/8" = 1'		

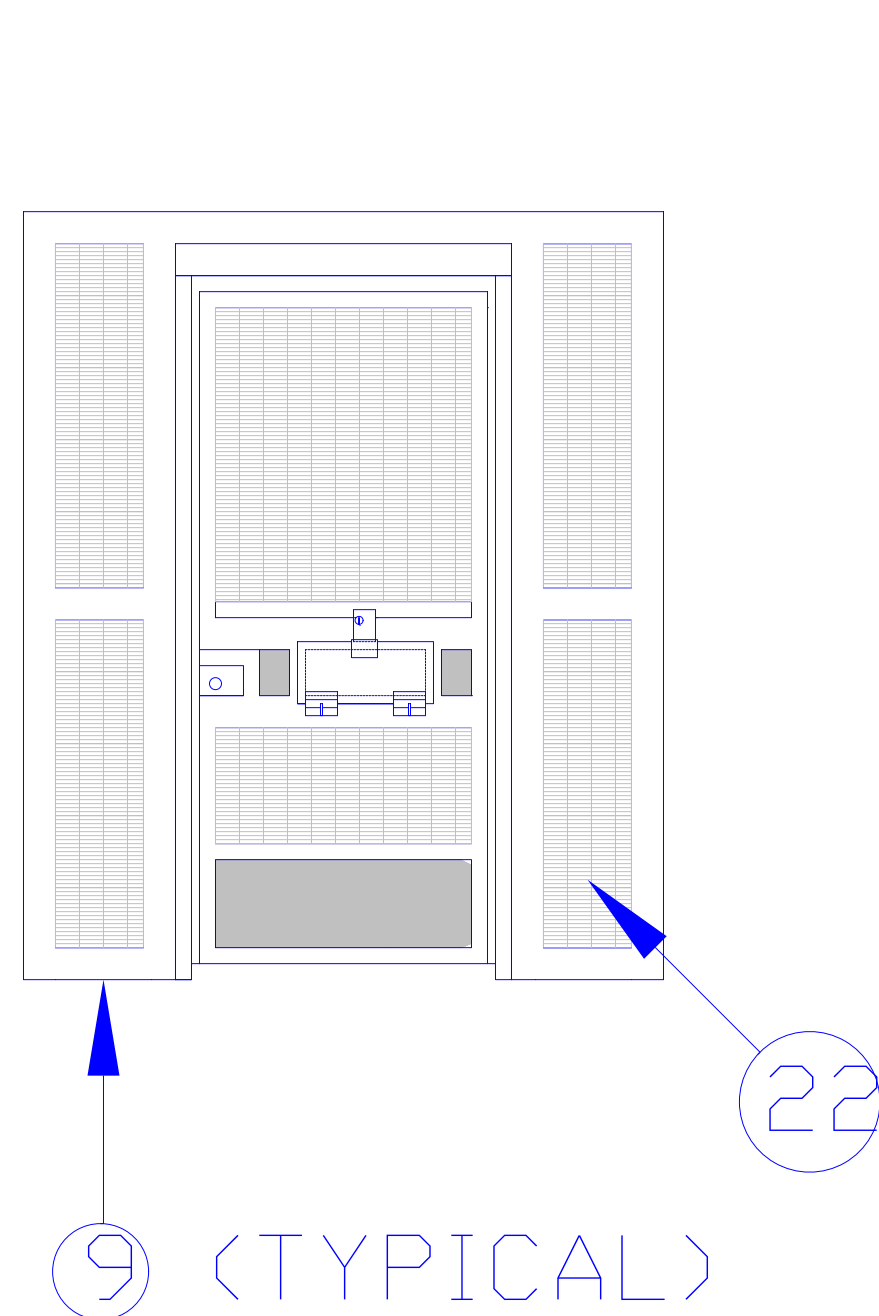




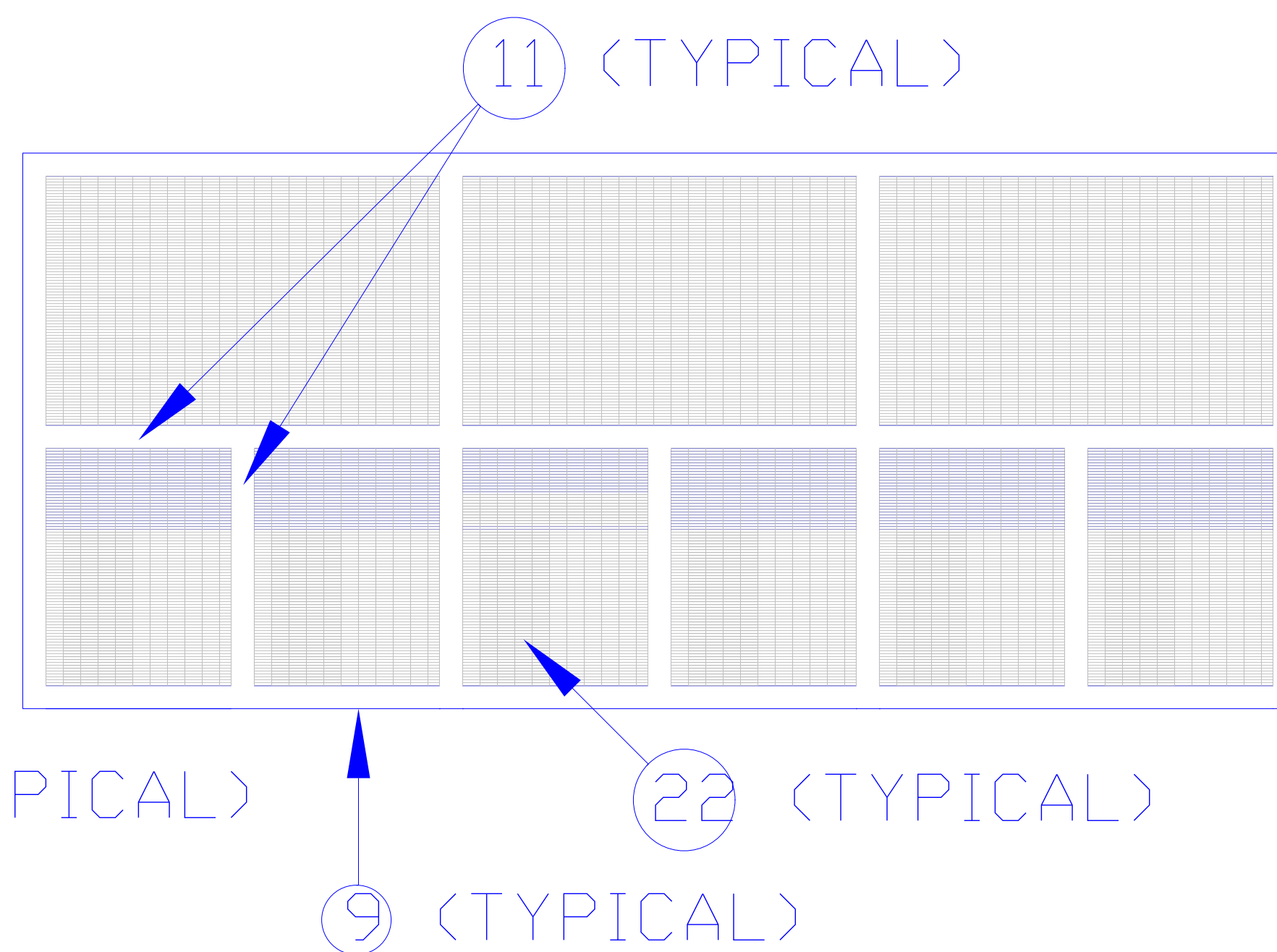
METAL CAGE EXTERIOR DIMENSIONS



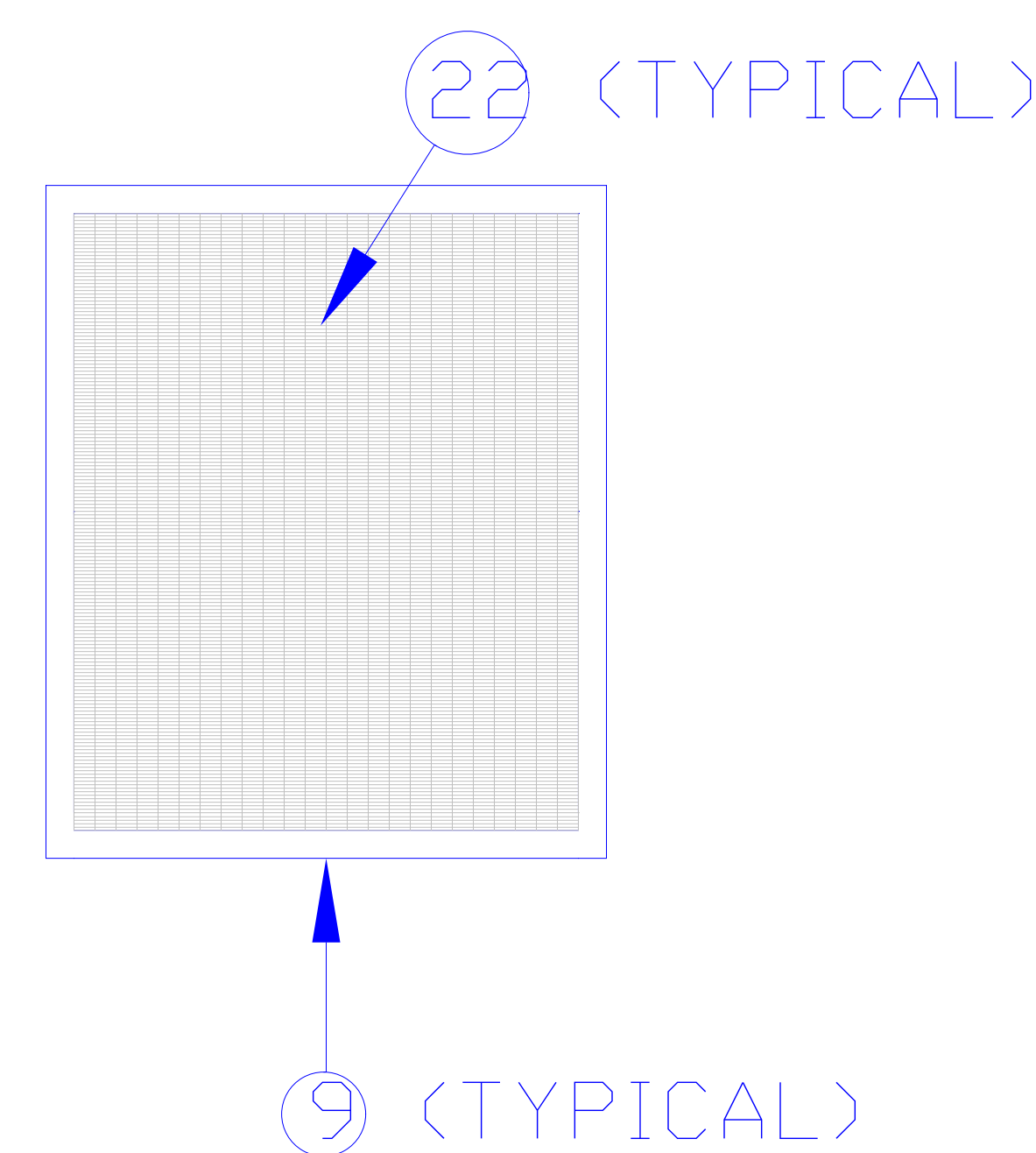
METAL CAGE ROOF STRUCTURE



METAL CAGE FRONT STRUCTURE



METAL CAGE SIDE STRUCTURE



METAL CAGE BACK STRUCTURE

METAL CAGE #1 LAYOUT DETAILS  
SCALE: 1/2" = 1'

**SEE DRAWING A1-0  
FOR KEY NOTES.**

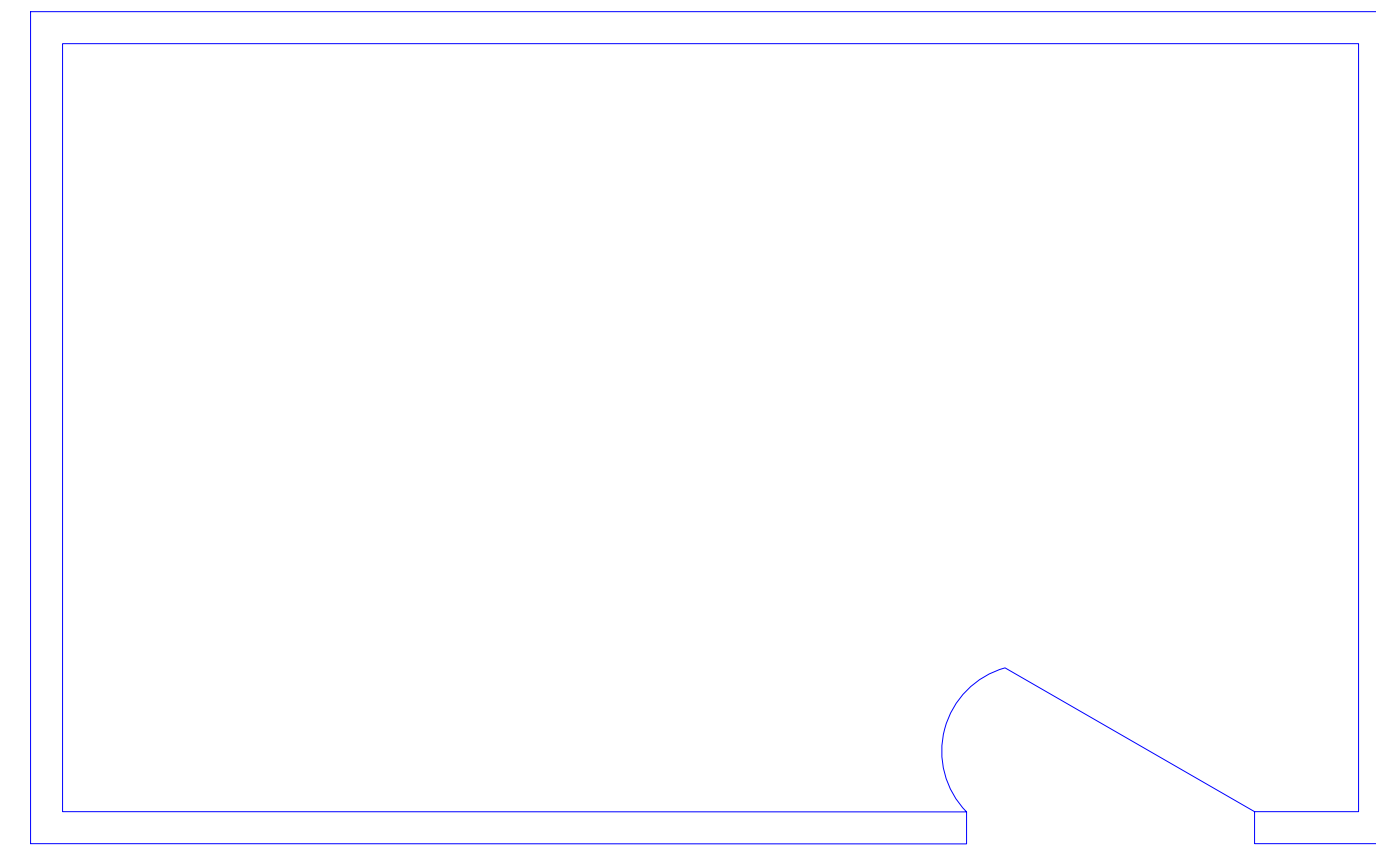
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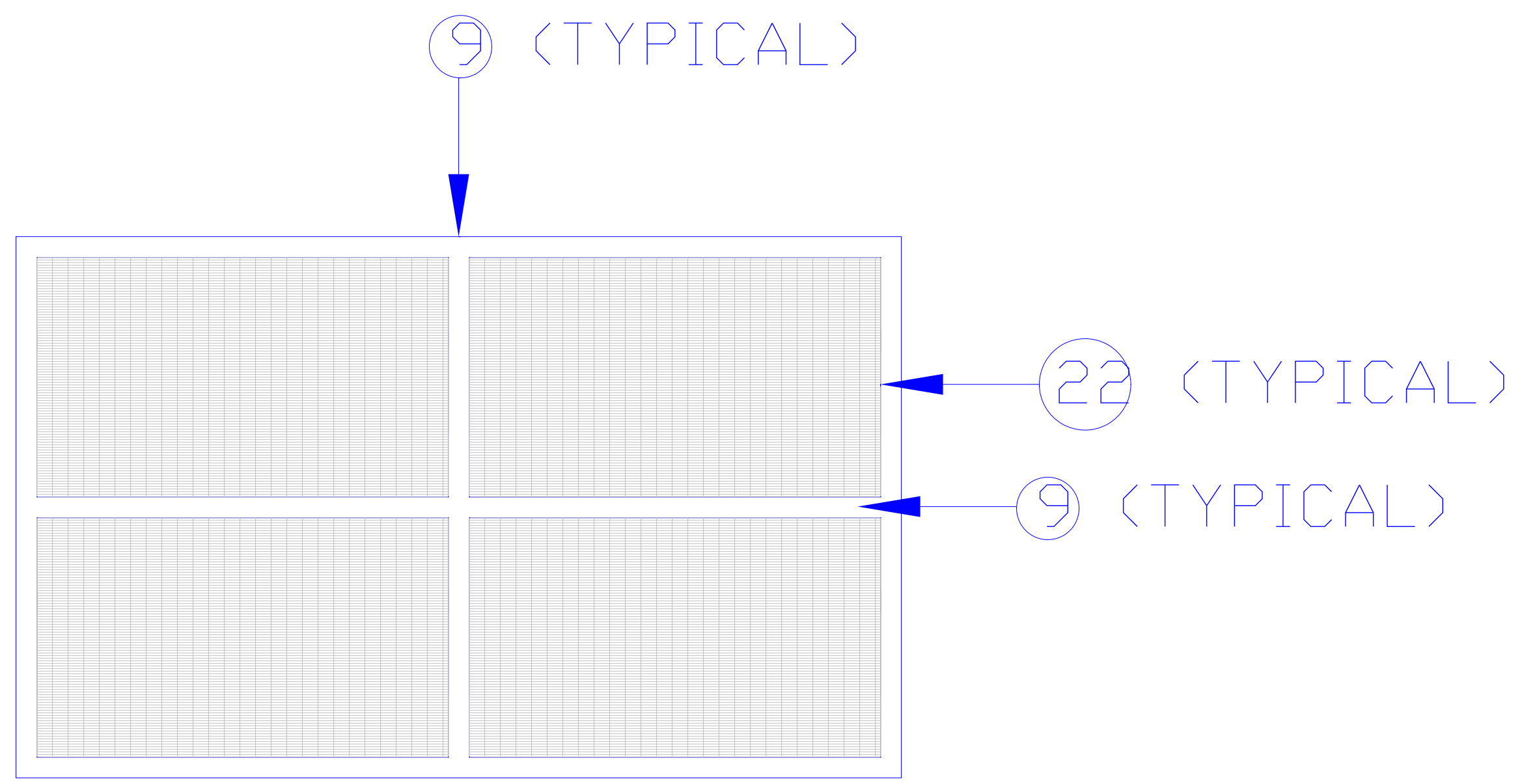
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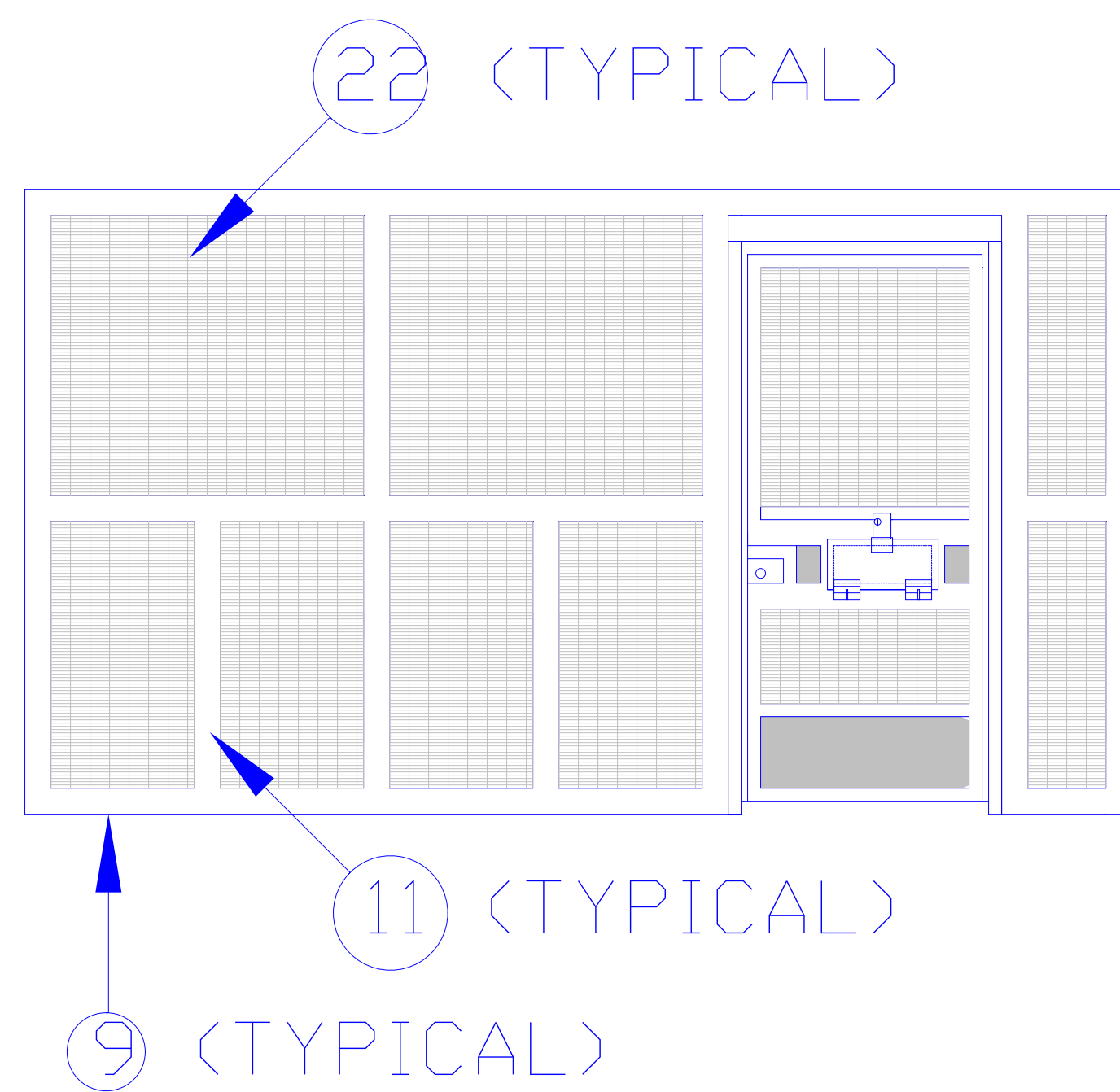
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Date JUNE 17, 2013	
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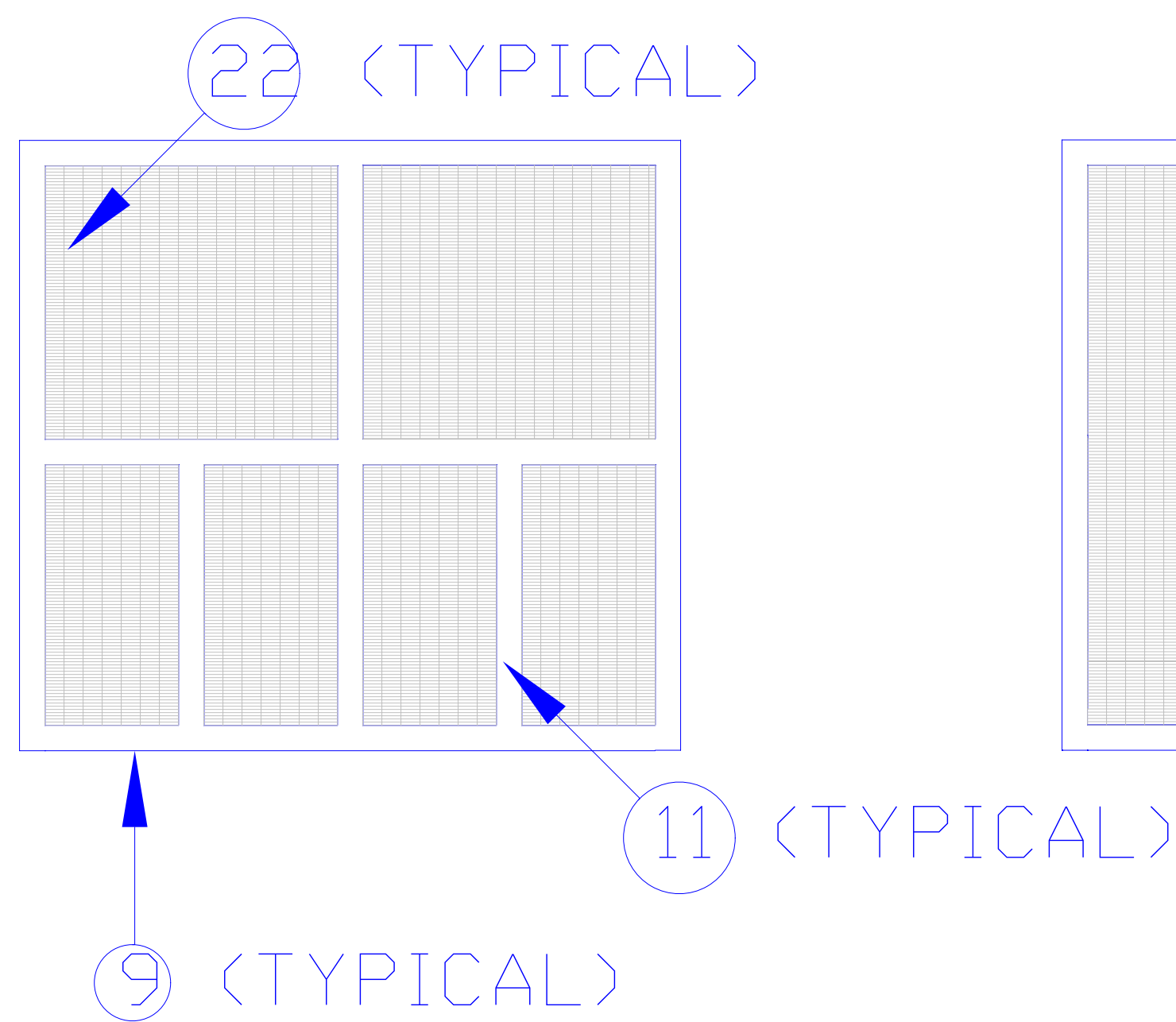
METAL CAGE EXTERIOR DIMENSIONS



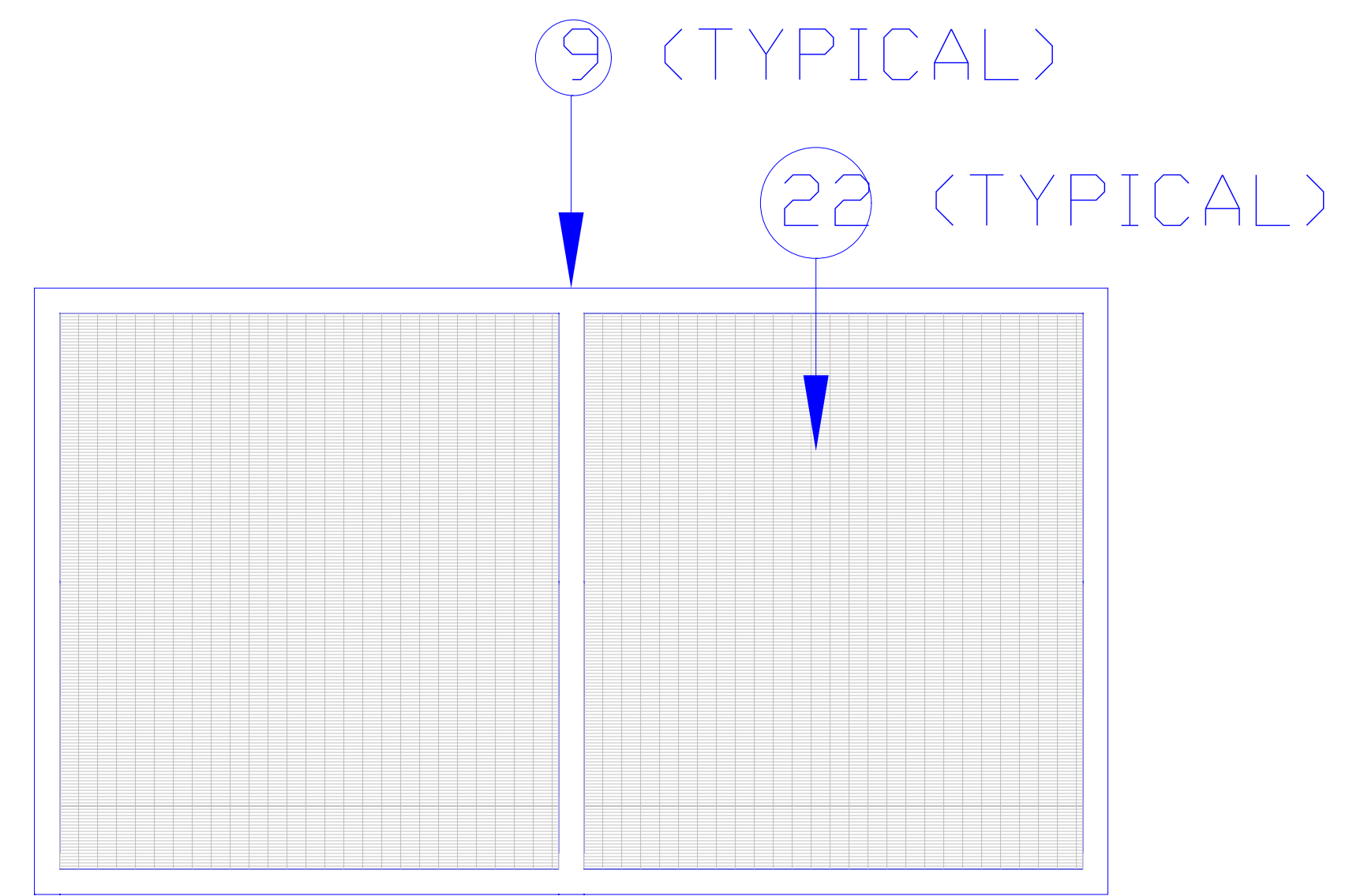
METAL CAGE ROOF STRUCTURE



METAL CAGE FRONT STRUCTURE



METAL CAGE SIDE STRUCTURE



METAL CAGE BACK STRUCTURE

METAL CAGE #2 LAYOUT DETAILS  
SCALE: 1/2" = 1'

SEE DRAWING A1-0  
FOR KEY NOTES.

General Notes

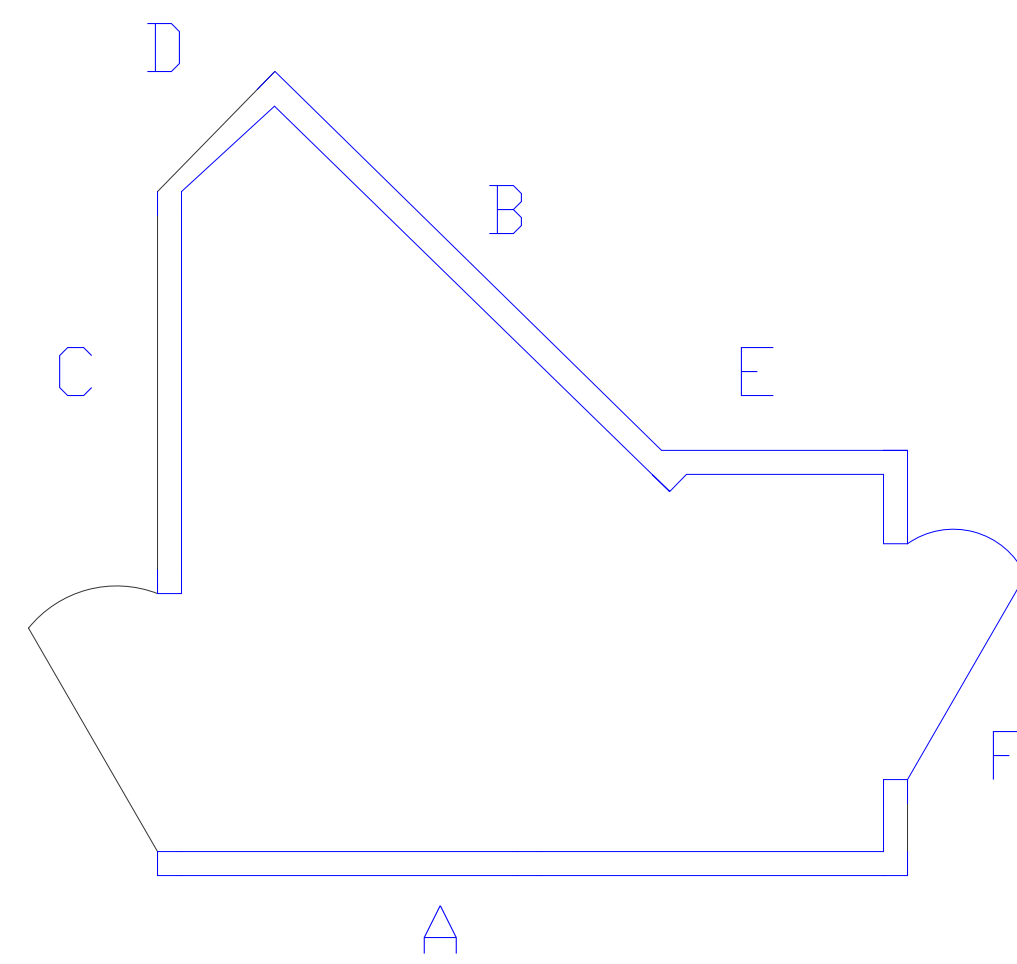
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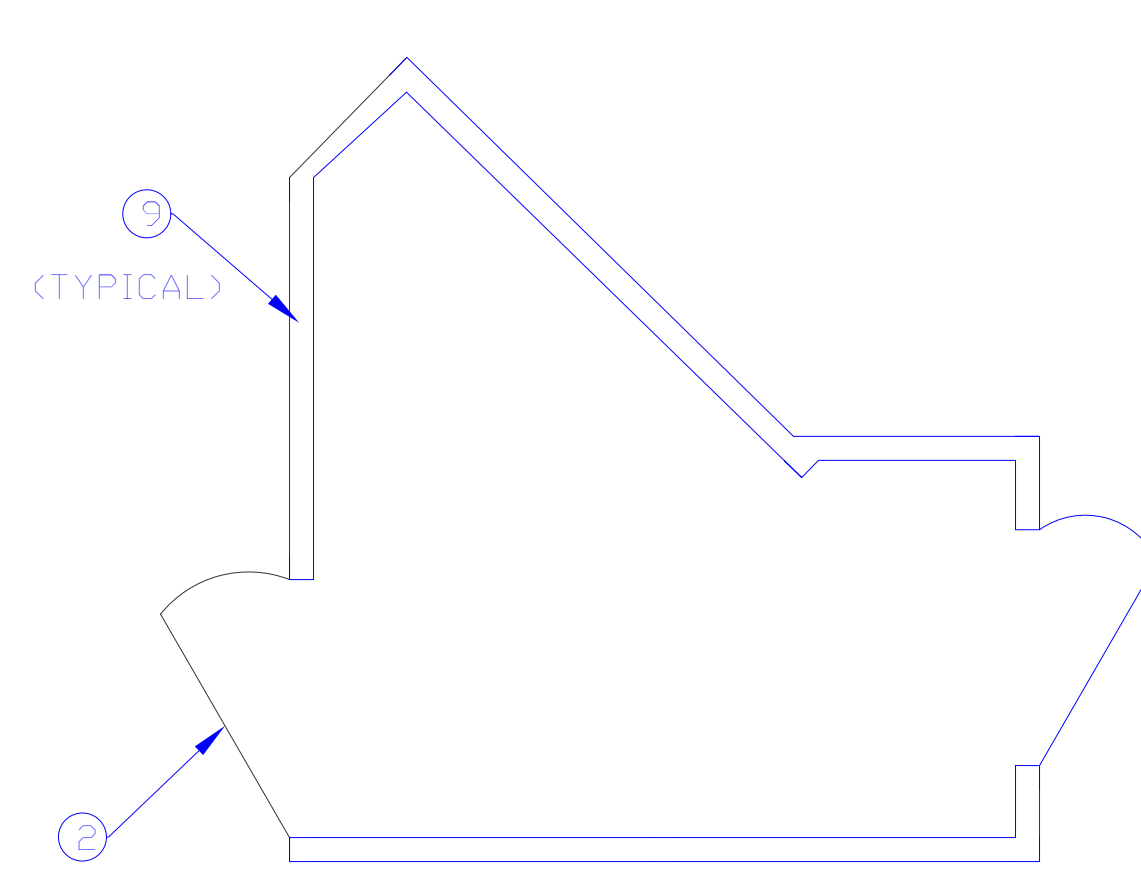
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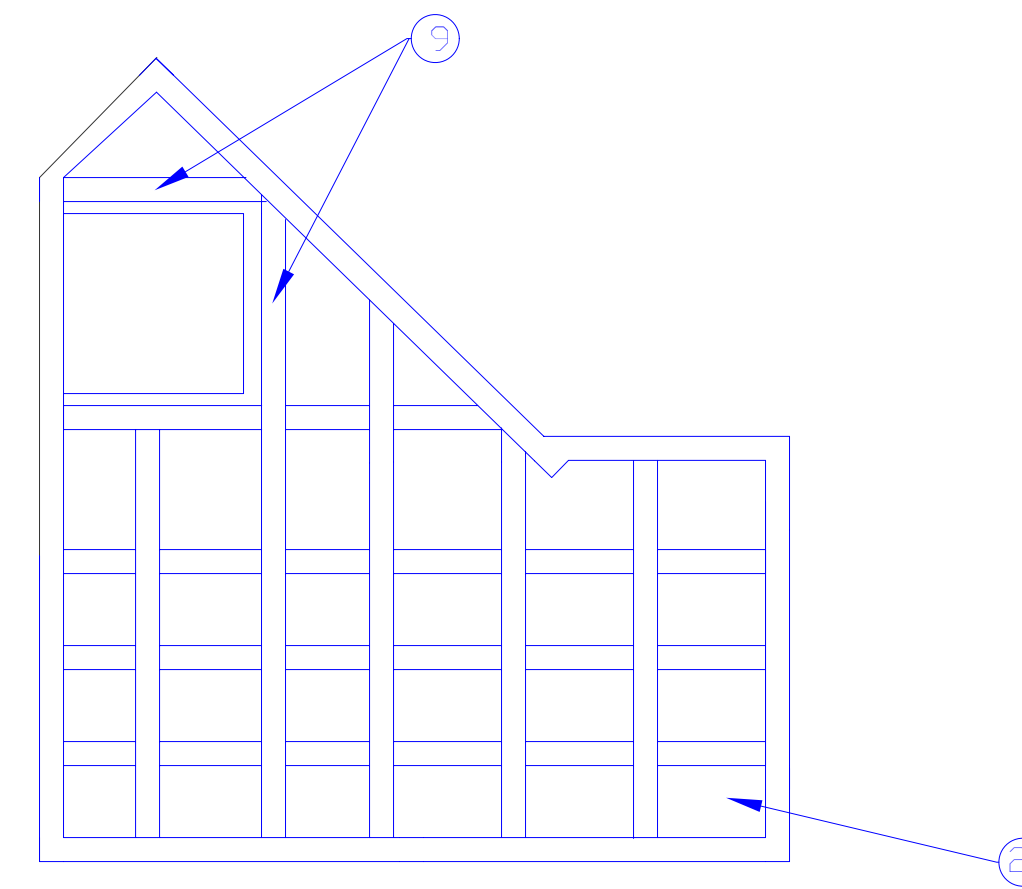




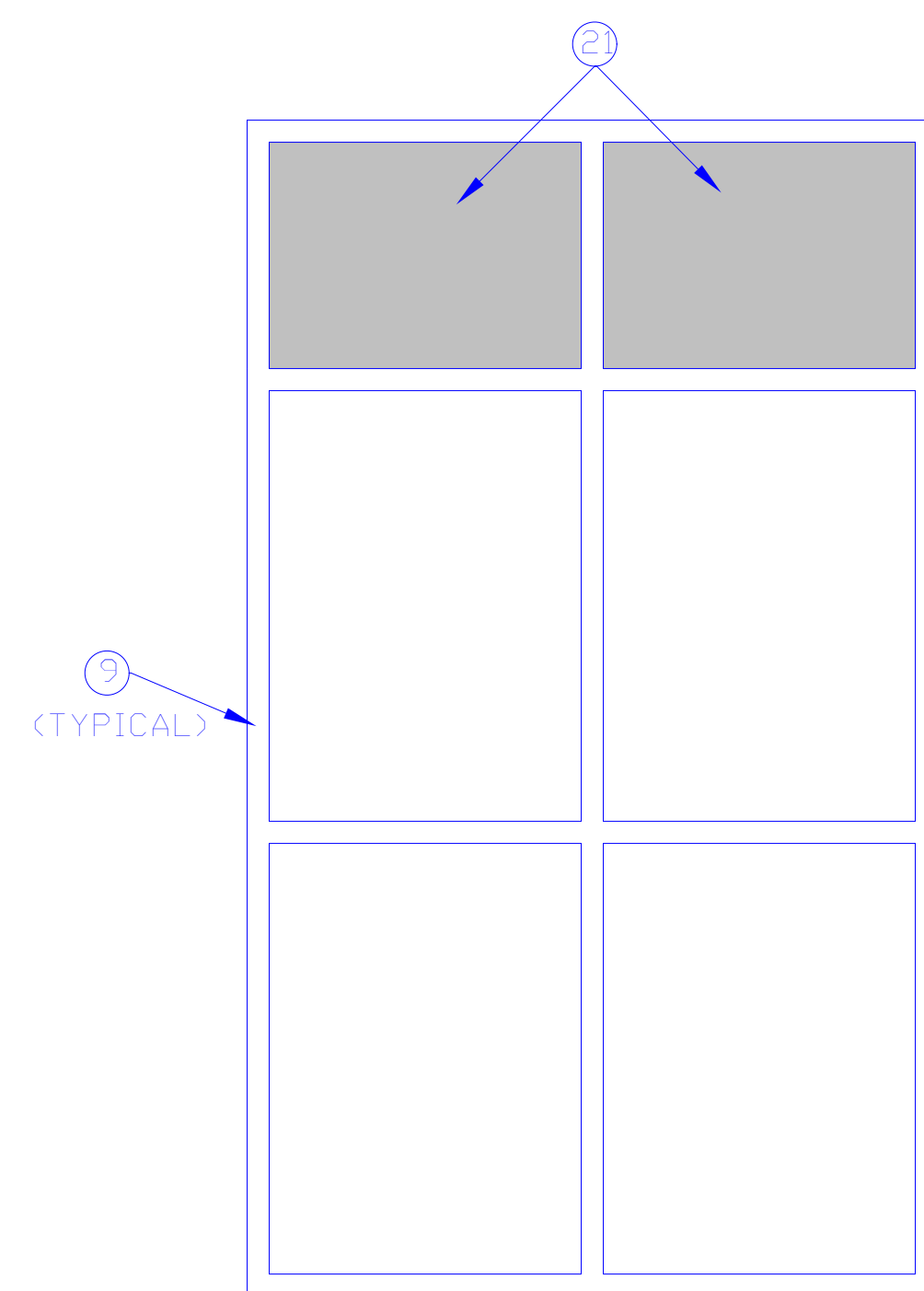
METAL CAGE LAYOUT



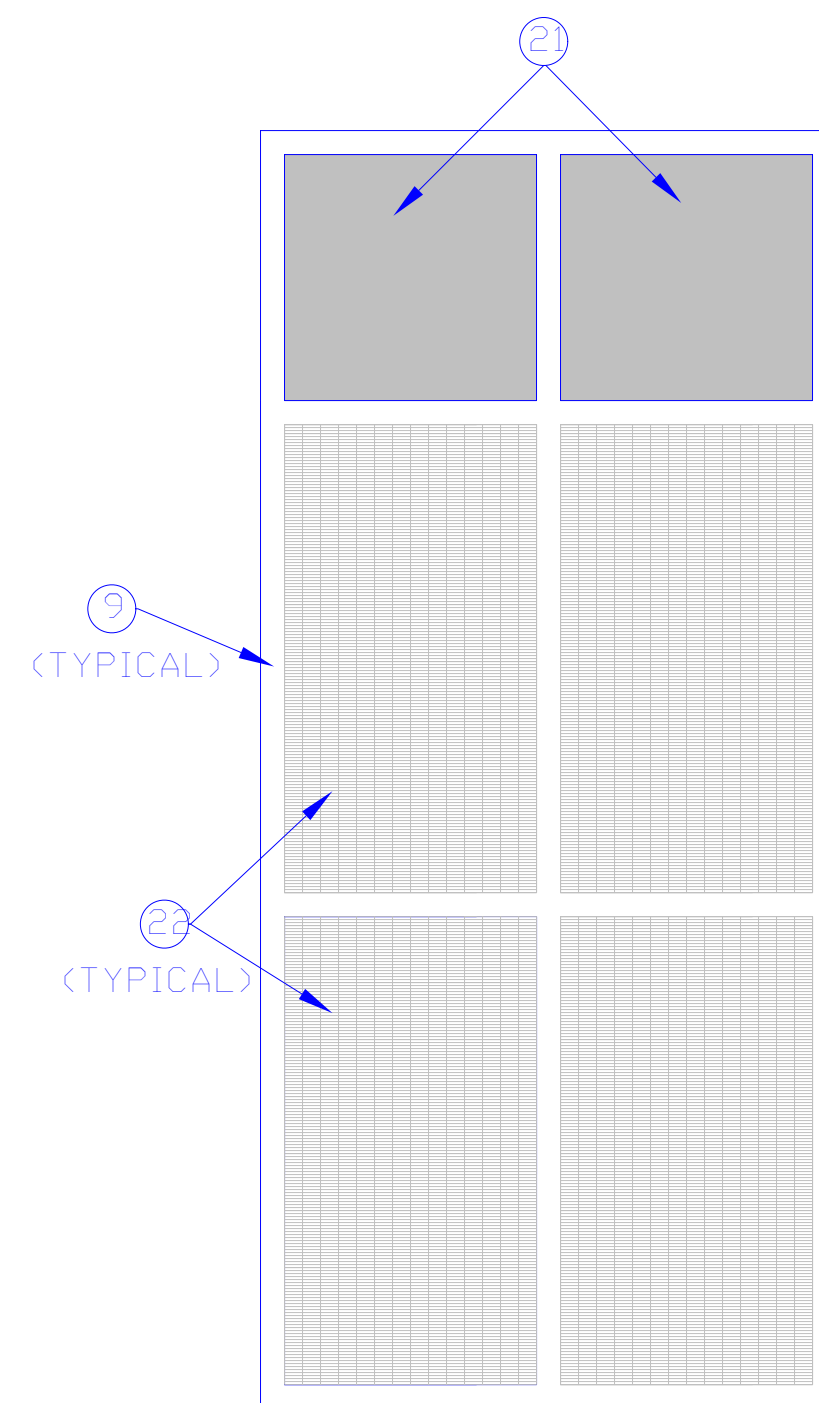
METAL CAGE LAYOUT DIMENSIONS



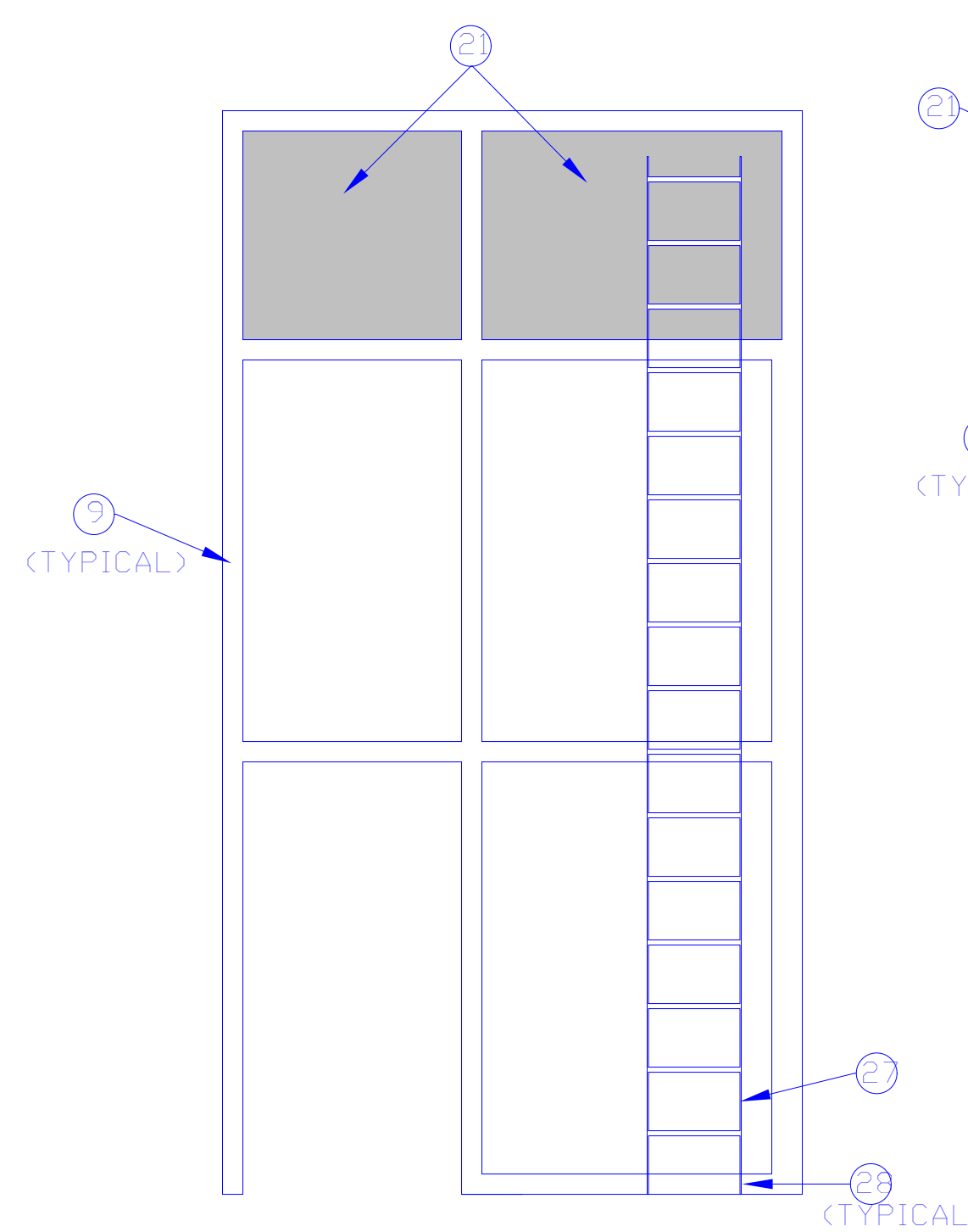
METAL CAGE SECOND FLOORS LAYOUT



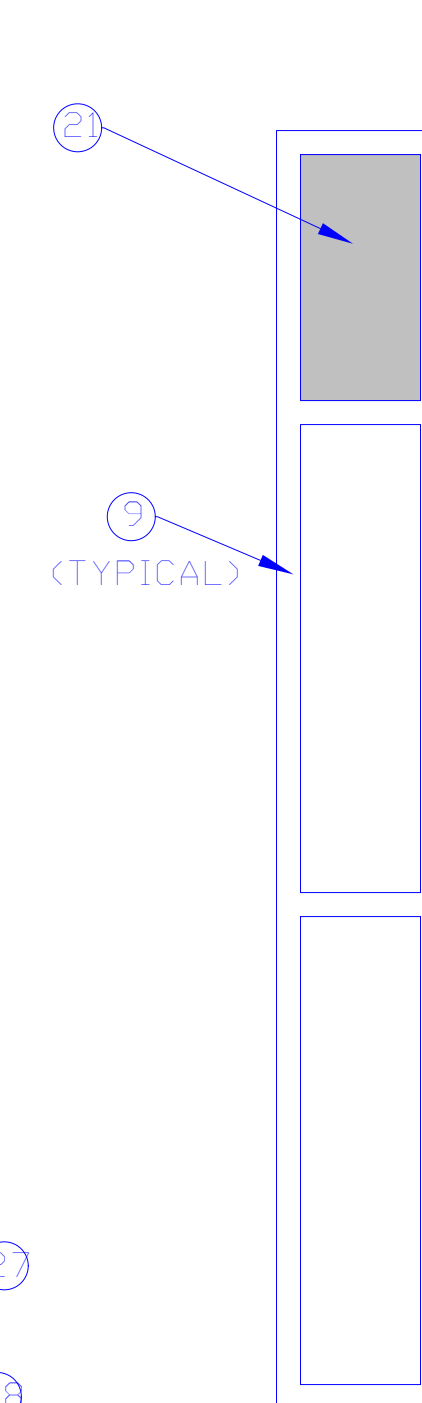
METAL CAGE DIMENSIONS  
AREA (A)



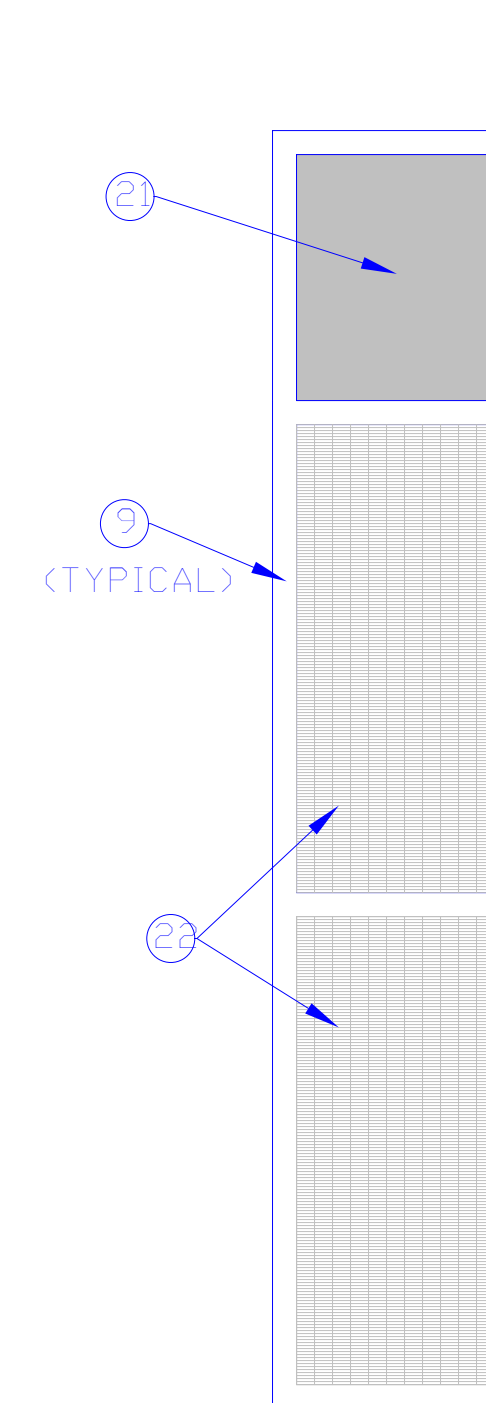
METAL CAGE DIMENSIONS  
AREA (B)



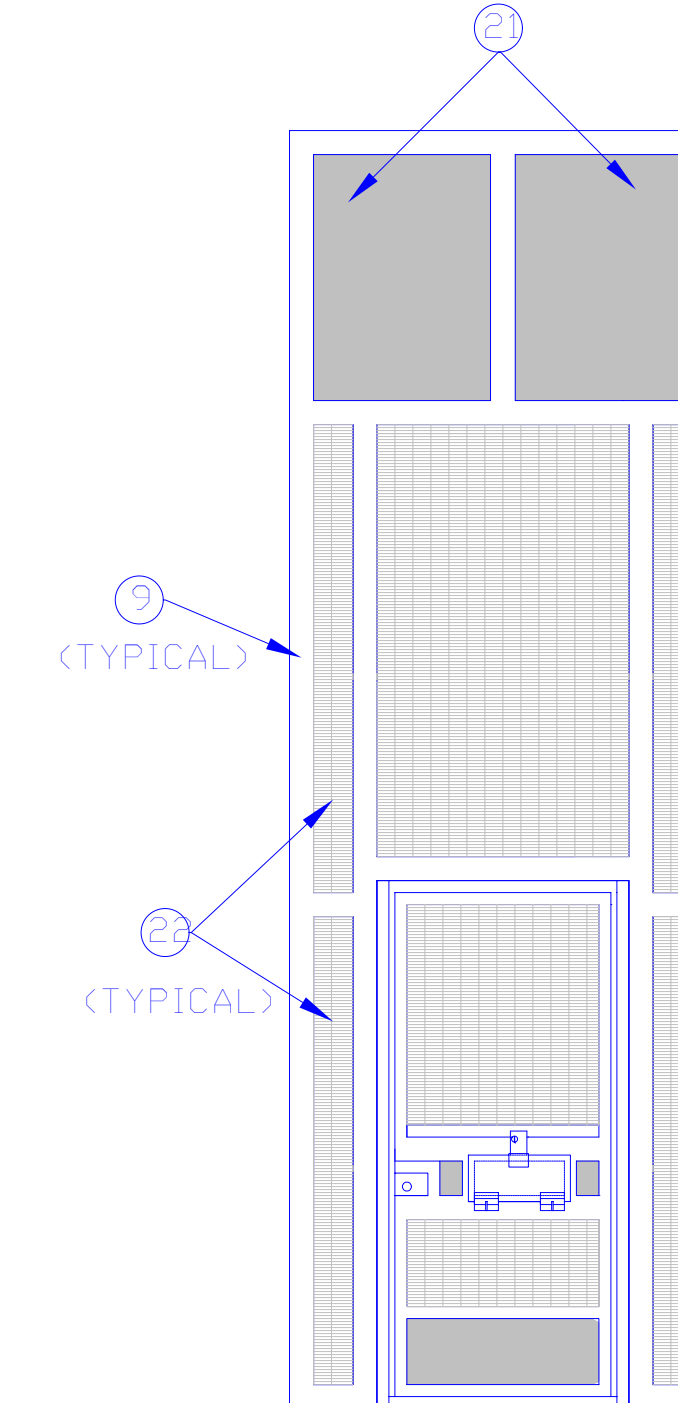
METAL CAGE DIMENSIONS  
AREA C - INSIDE CAGE



METAL CAGE DIMENSIONS  
AREA (D)



METAL CAGE DIMENSIONS  
AREA (E)



METAL CAGE DIMENSIONS  
AREA (F)

METAL CAGE #3 LAYOUT DETAILS  
SCALE: 3/8" = 1'

SEE DRAWING A1-0  
FOR KEY NOTES.

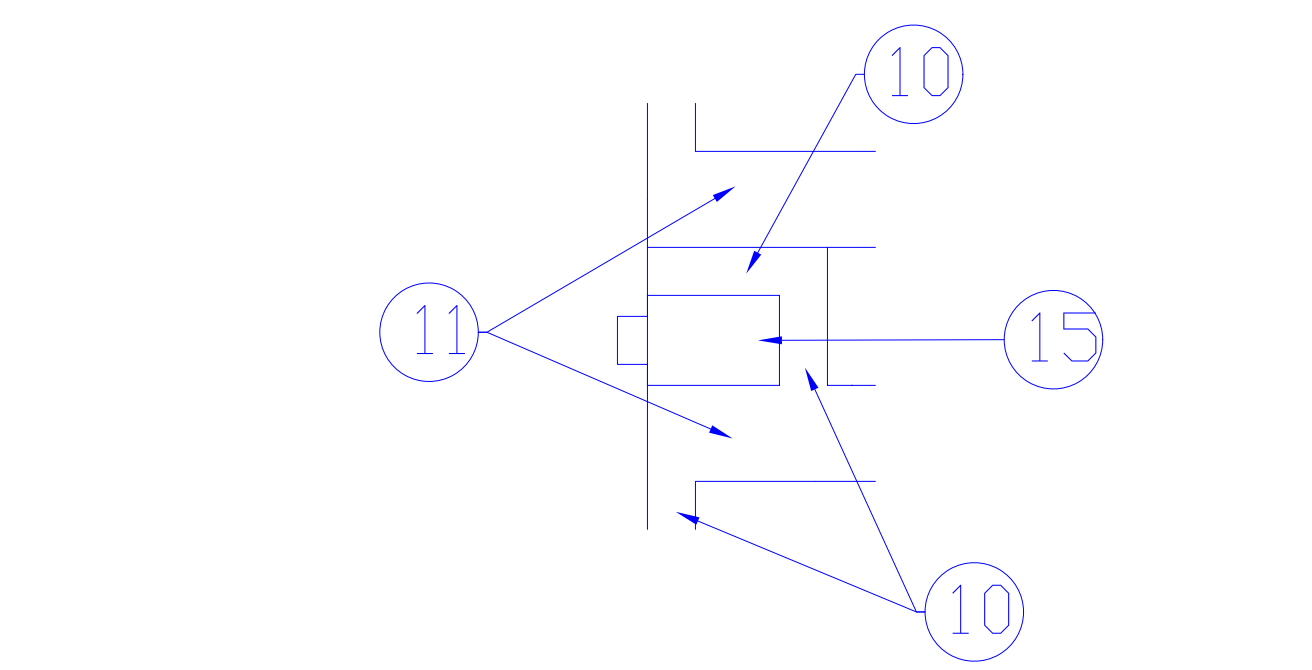
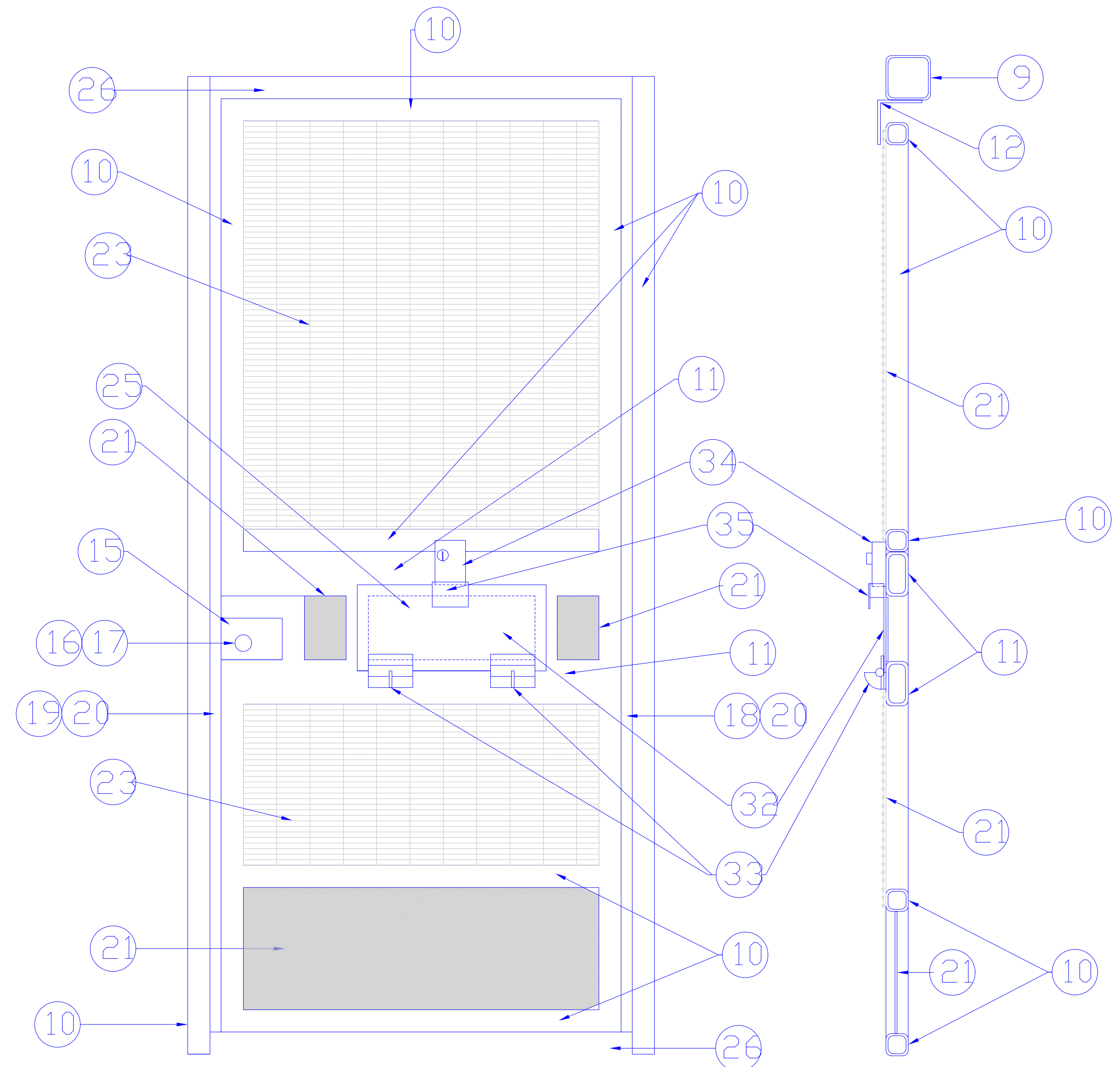
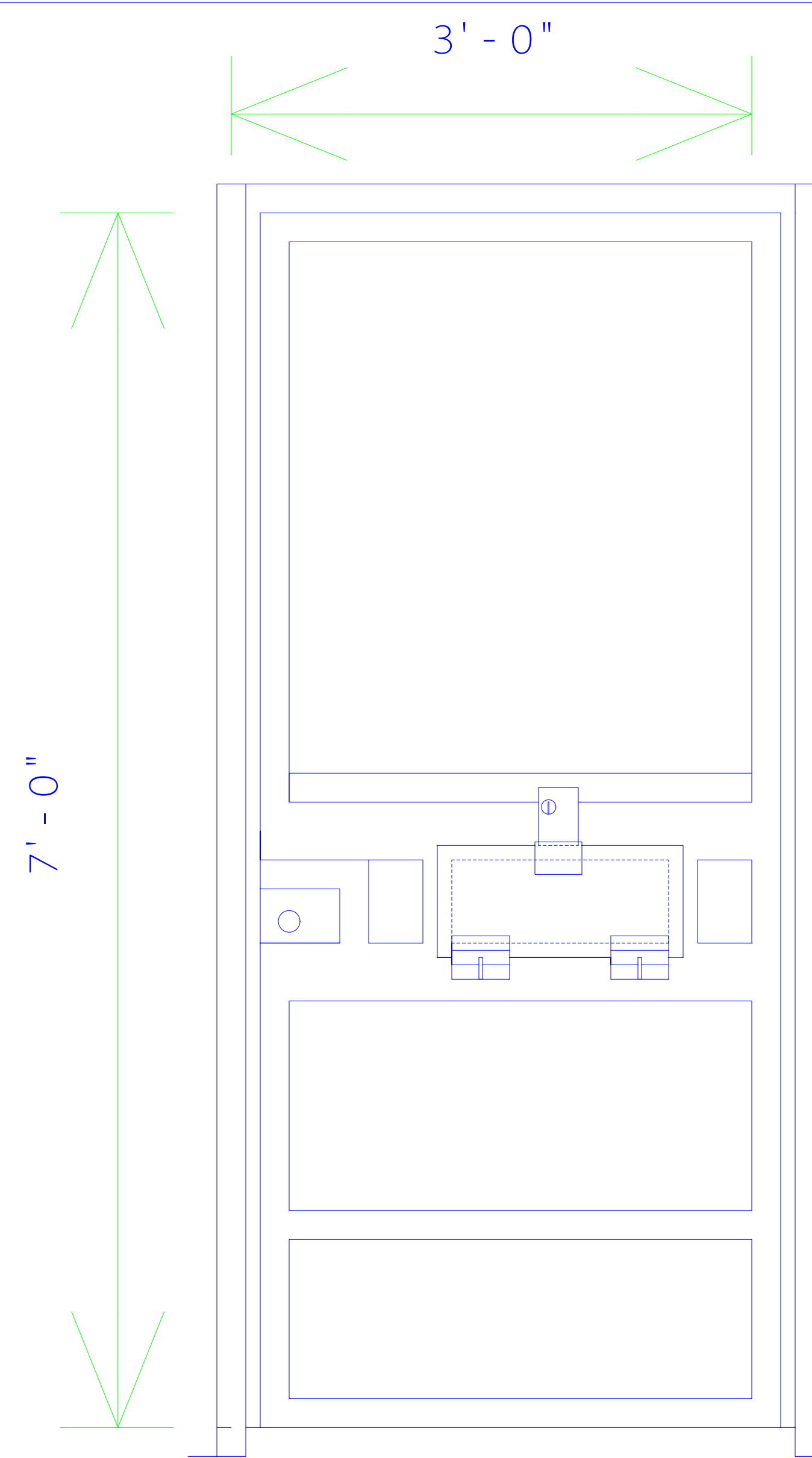
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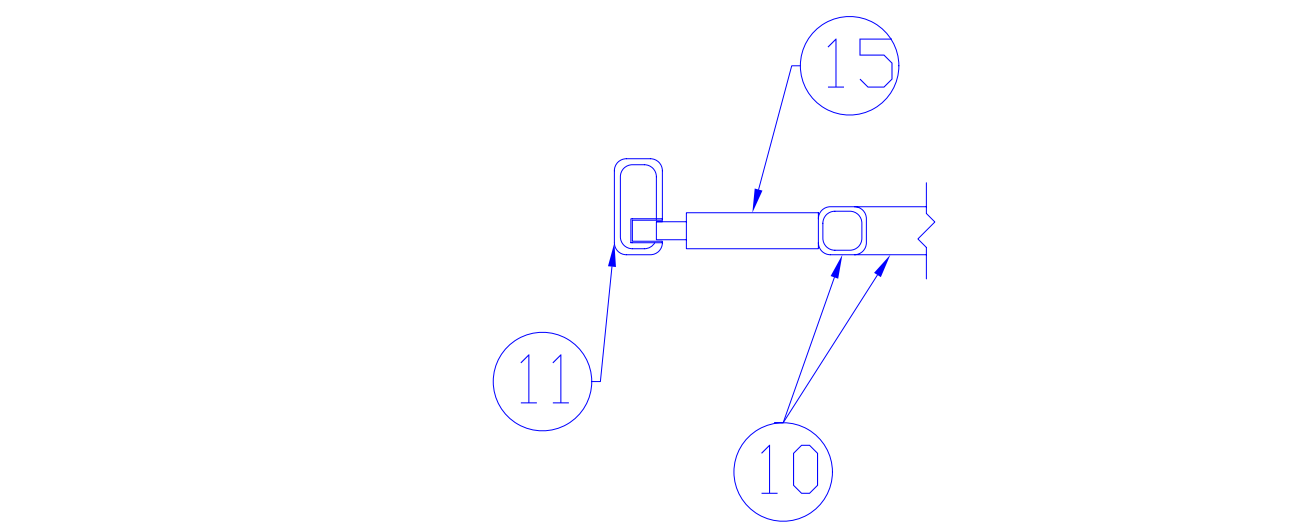
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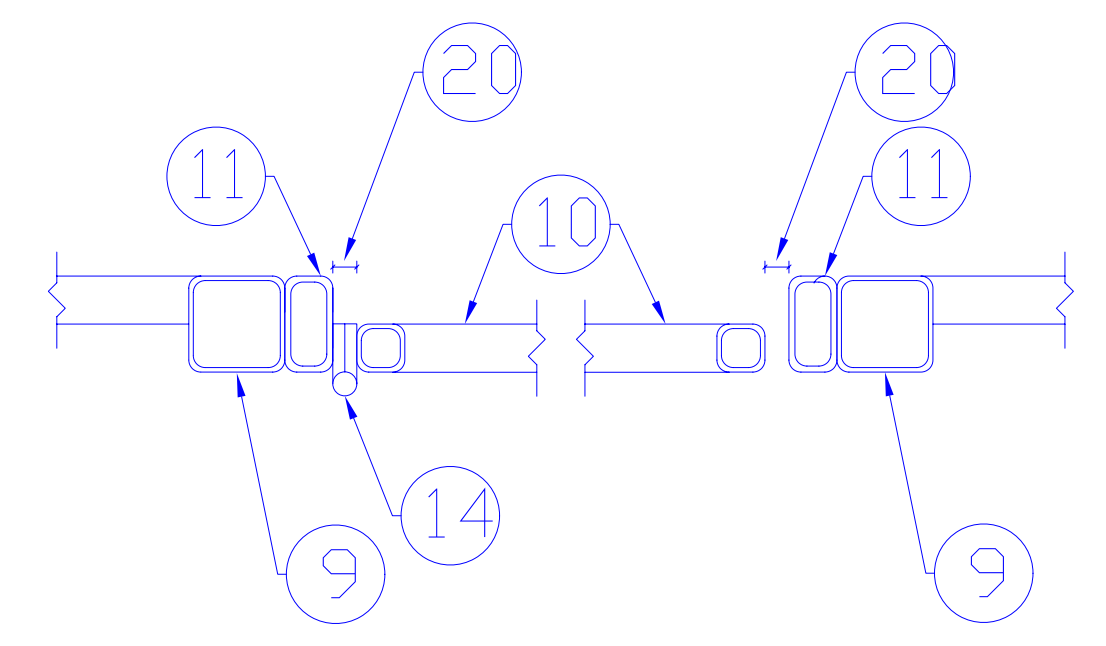
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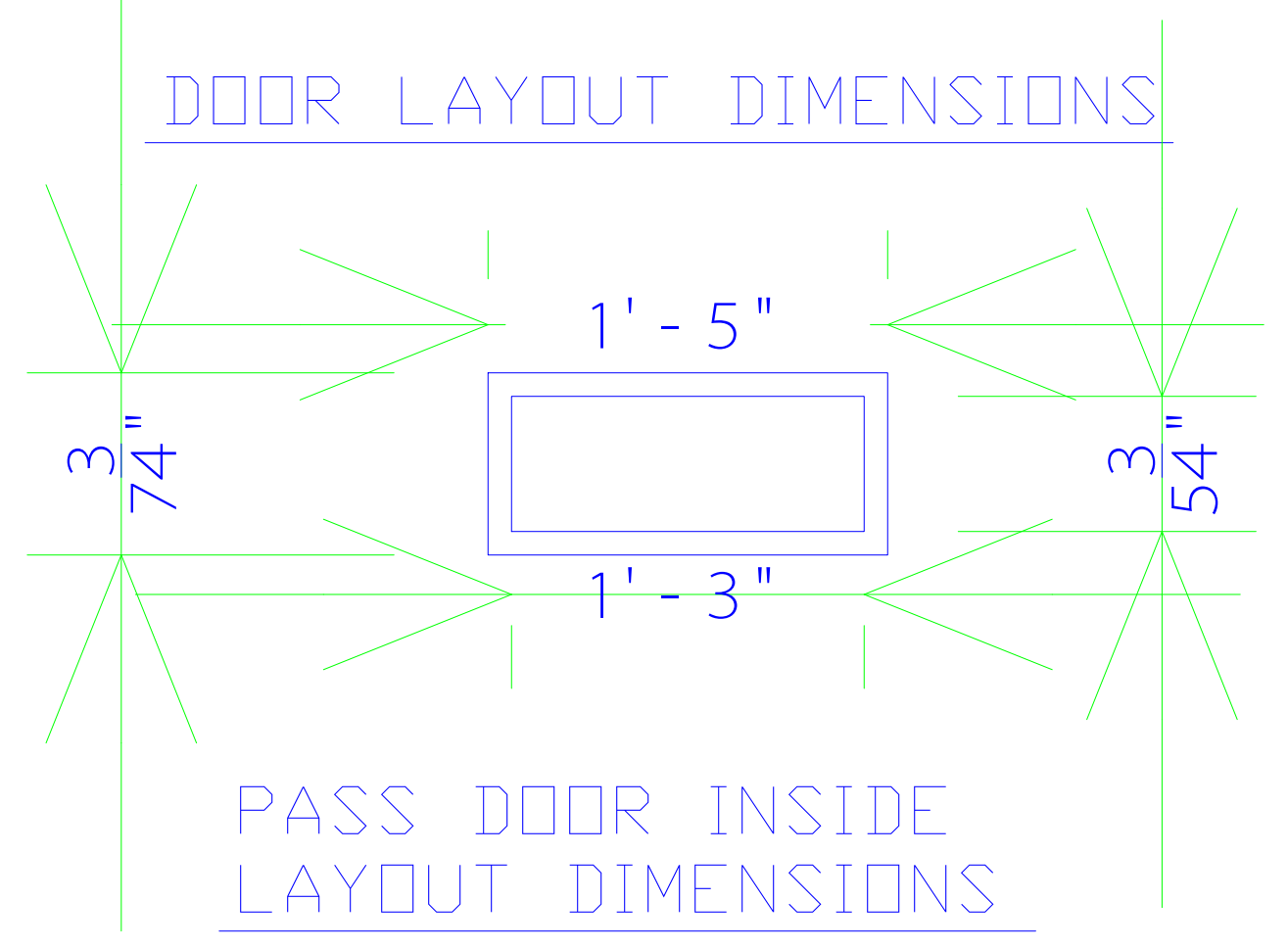
LOCK ASSEMBLY FRONT LAYOUT



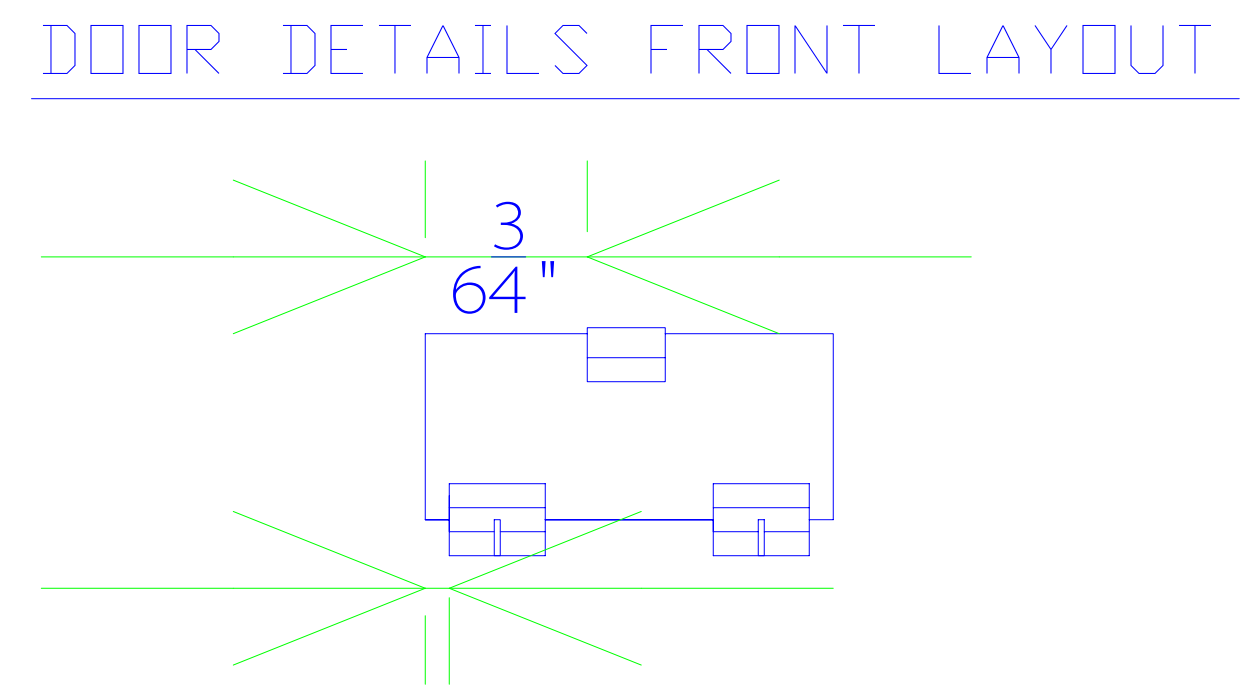
LOCK ASSEMBLY SIDE LAYOUT



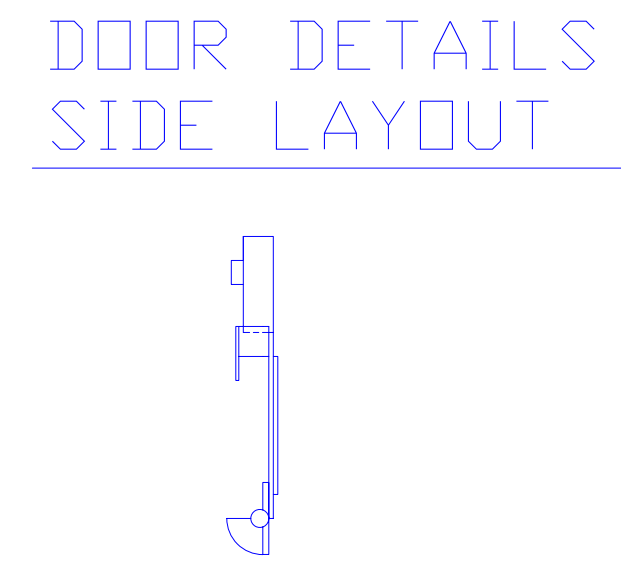
DOOR SIDE LAYOUT



PASS DOOR INSIDE LAYOUT DIMENSIONS



PASS DOOR FRONT LAYOUT DIMENSIONS



PASS DOOR SIDE LAYOUT

DOOR DETAILS  
SCALE: 1-1/2" = 1'

**SEE DRAWING A1-0  
FOR KEY NOTES.**

General Notes

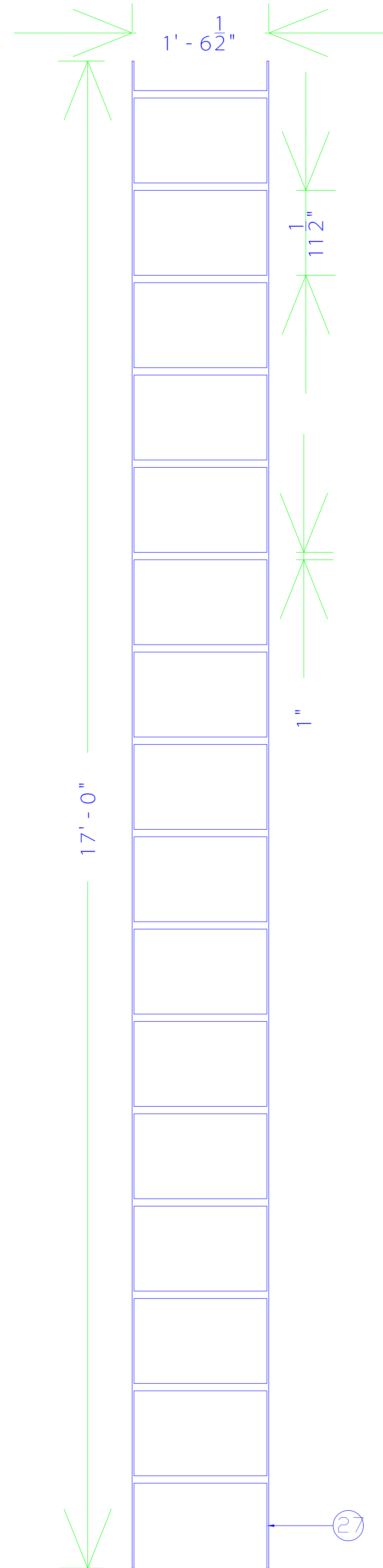
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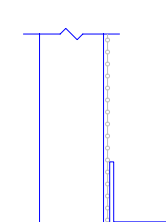
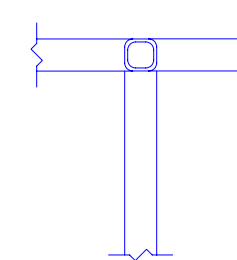
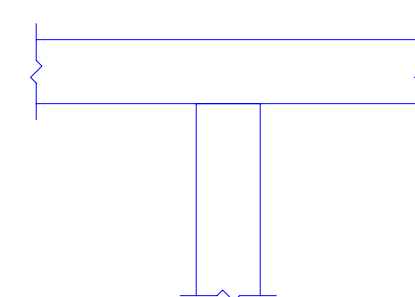
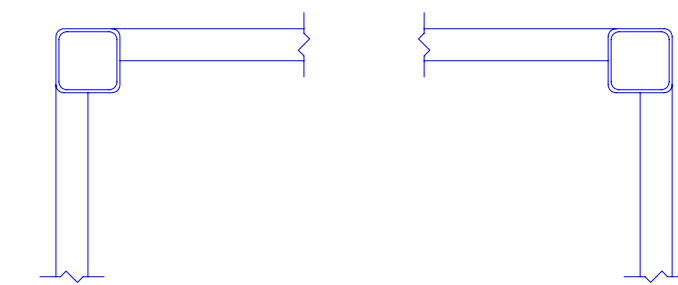
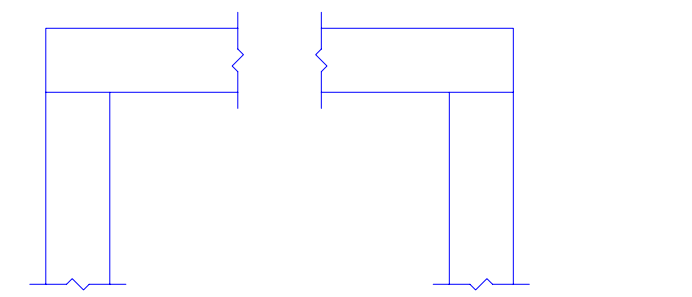
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Scale	1-1/2" = 1'		



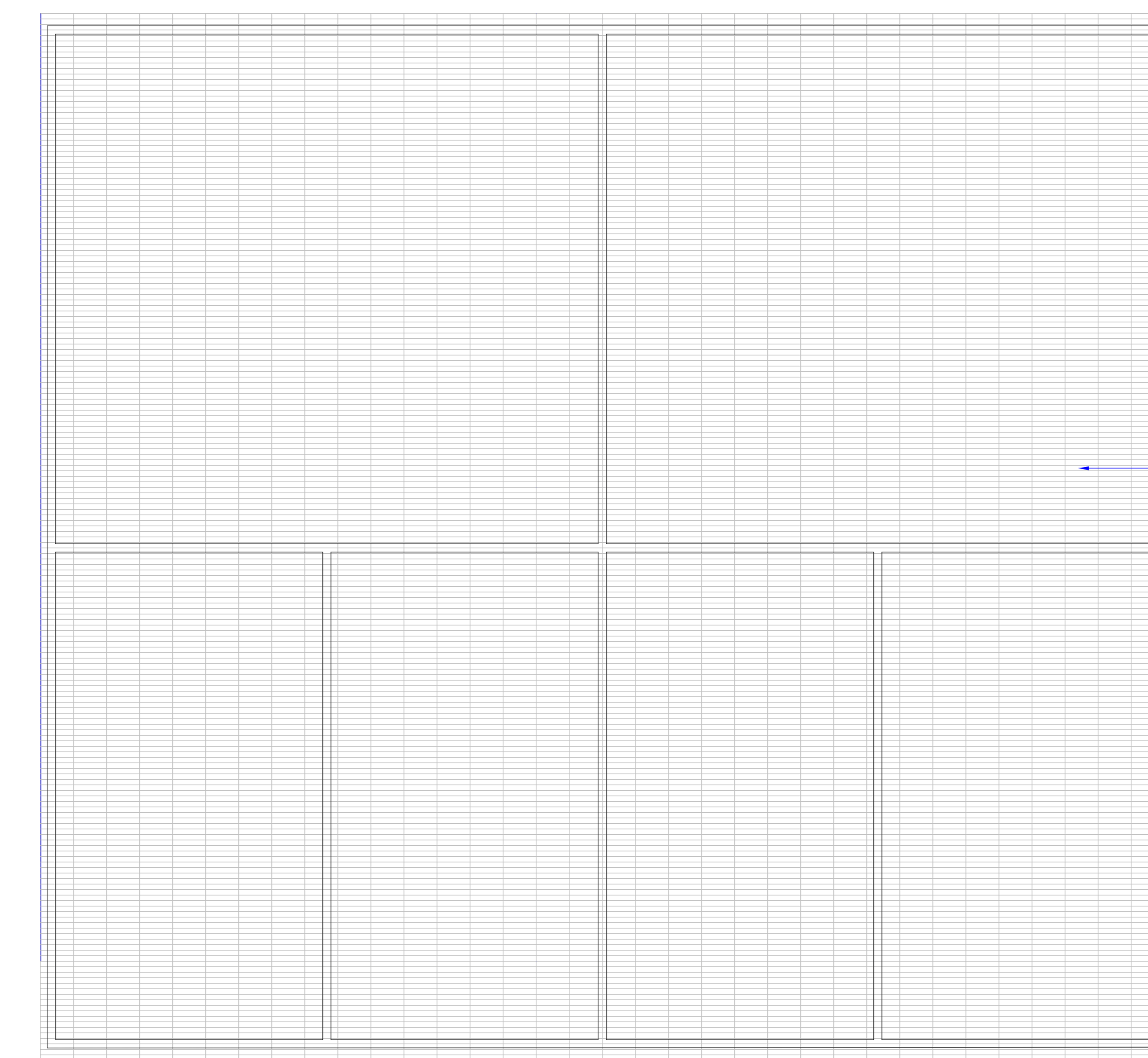
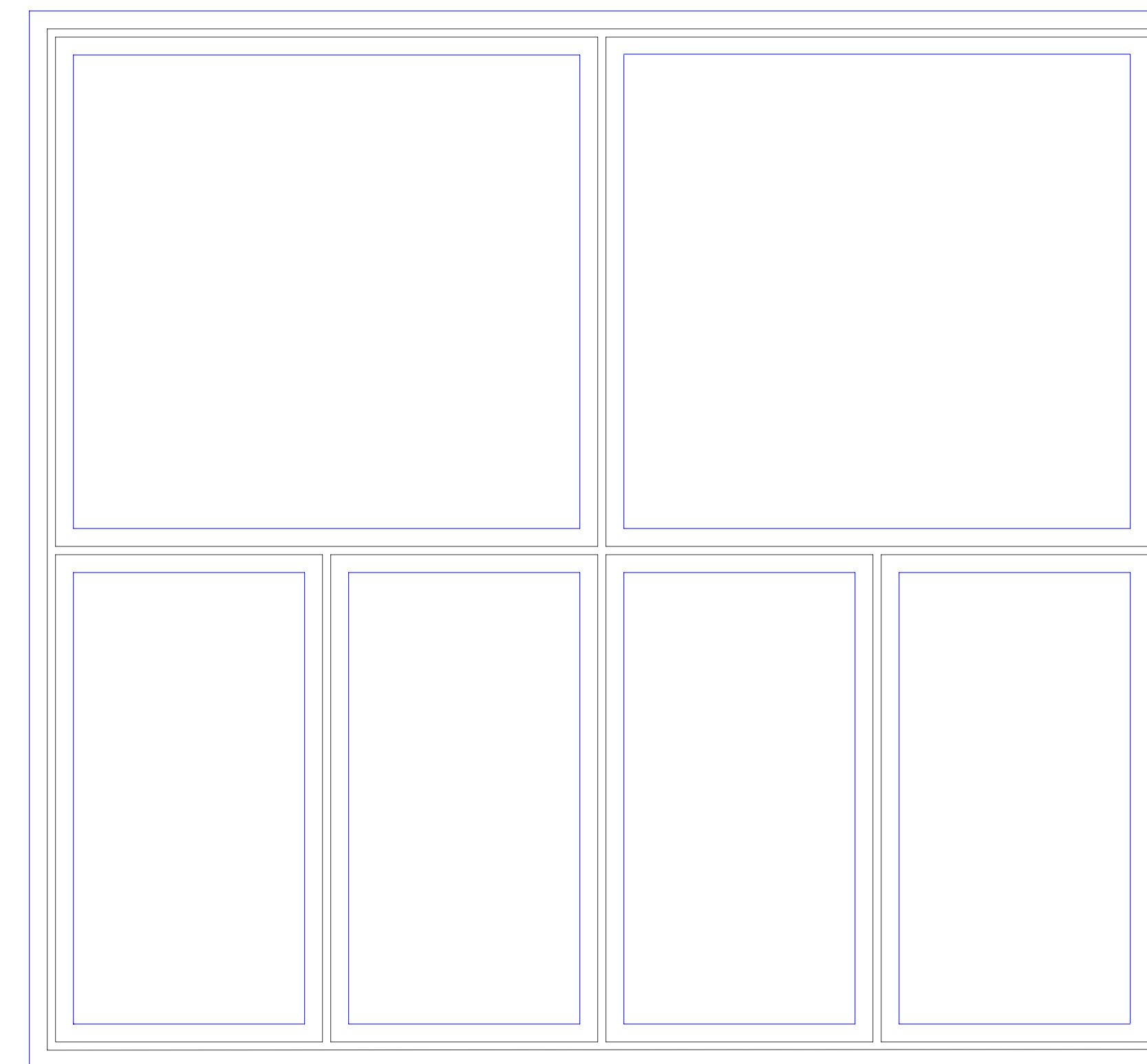


LADDER LAYOUT DIMENSIONS



MISCELLANEOUS CONNECTION DETAILS

MISCELLANEOUS DETAILS  
SCALE: 1" = 1'



SECURITY MESH ASSEMBLY DETAILS

SEE DRAWING A1-0  
FOR KEY NOTES.

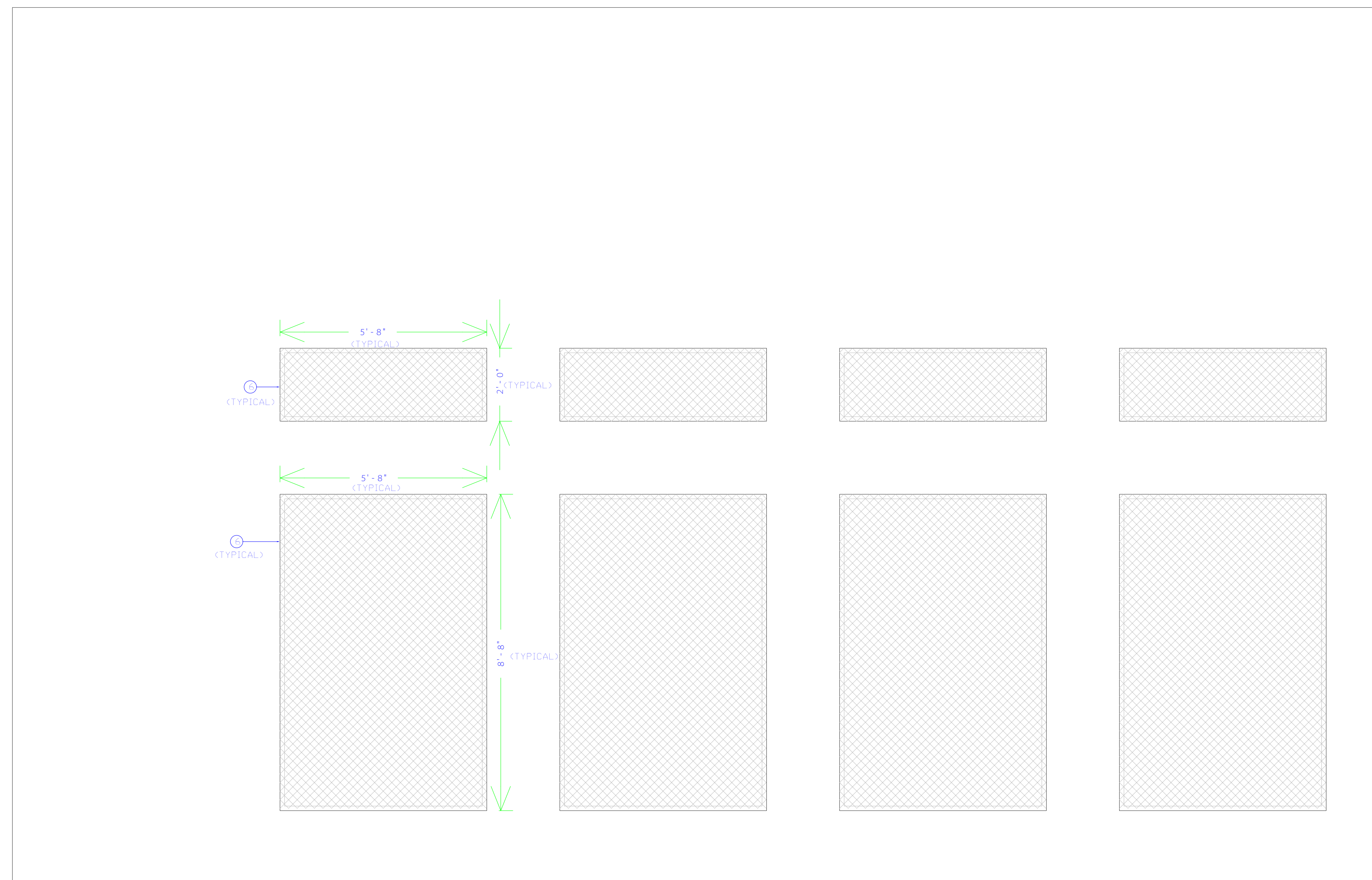
General Notes

No.	Revision/Issue	Date

Firm Name and Address  
**West Virginia Division of  
 Corrections**  
 1409 Greenbrier Street  
 Charleston, WV 25311

Project Name and Address  
**Quilliams - Units I an II Recreational  
 Yard Metal Cages Project**  
 Mount Olive Correctional Complex  
 I Mountside Way  
 Mount Olive, WV 25185

Project COR61615	Sheet A4-2
Date JUNE 17, 2013	
Scale 1" = 1'	



EXISTING WINDOW CONDITIONS  
SCALE: 1/2" = 1'

**SEE DRAWING A1-0  
FOR KEY NOTES.**

No.	Revision/Issue	Date

Firm Name and Address  
**West Virginia Division of  
Corrections**  
1409 Greenbrier Street  
Charleston, WV 25311

Project Name and Address  
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Yard Metal Cages Project**  
Mount Olive Correctional Complex  
1 Mountside Way  
Mount Olive, WV 25185

Project	COR61615	Sheet
Date	JUNE 17, 2013	A5-1
Scale	1/2" = 1'	