

Checkerberry Lot 13

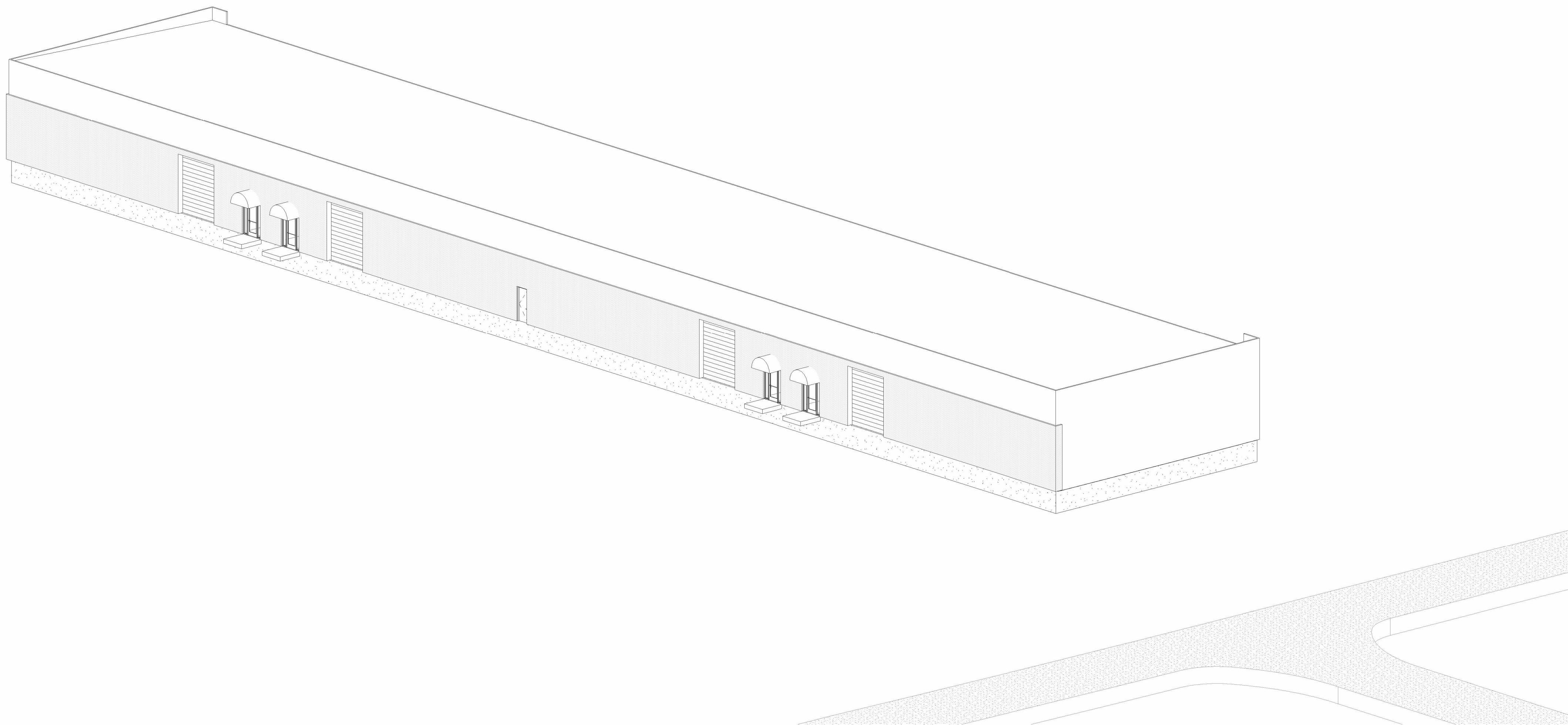
L 13 CHECKERBERRY SQ, MILTON, VT

SCHEMATIC DESIGN OCTOBER 06, 2025

(NOT FOR CONSTRUCTION)

SHEET LIST

GENERAL	
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ARCHITECTURAL	
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DESIGN TEAM

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Civil Team Enter Here

Structural Team Enter Here

Mechanical Team Enter Here

Landscaping Team Enter Here

Electrical Team Enter Here

Plumbing Team Enter Here

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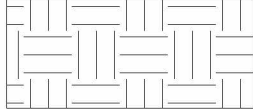
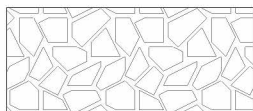
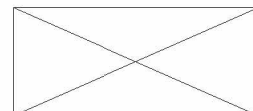
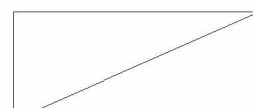
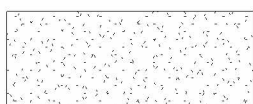
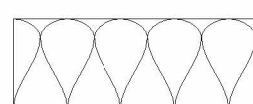
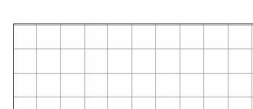
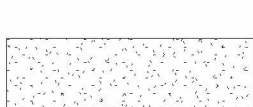
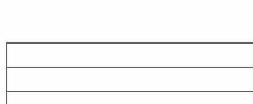
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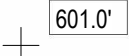
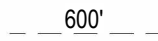
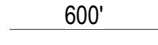
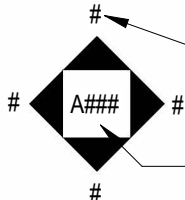
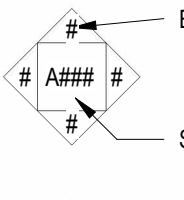
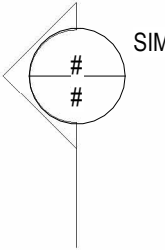
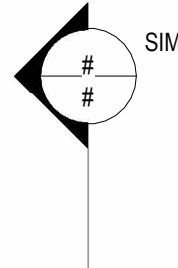
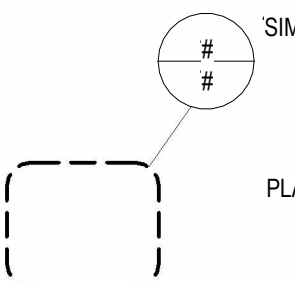
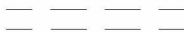
Diagram illustrating the layout of a rest room with various fixtures and their dimensions:

- ROOM SIGN:** 4'-0" high.
- ELECTRICAL OUTLETS:** 3'-6 1/4" high. Two outlets are shown, one labeled "ABOVE COUNTER".
- LIGHTING CONTROL:** 4'-0" high.
- TEMP. CONTROLS ETC. W/ SIDE:** 4'-6" high.
- HAND DRYER:** 3'-1" high. The drying area is 10" wide.
- SOAP DISPENSER:** 3'-6" high.
- WALL MOUNTED URINAL:** 1'-5" ADA high, 1'-10" NON-ADA high.
- BOTTLE FILLER:** 3'-6" high.
- DRINKING FOUNTAIN:** 3'-6" high. The fountain area is 36" MAX wide. The bottle filler is 36"-43" high.

REACH (48" CLEAR FLOOR SPACE)

	EARTH		FINISH WOOD
	STRUCTURAL FILL		WOOD BLOCKING
	CONCRETE		SHIM SPACE
	GYPSUM BOARD		PLYWOOD
	STEEL		BATT INSULATION
	C.M.U.		RIGID INSULATION
	CUT STONE		COMPRESSIBLE FILLER
	CELLULOSE		SPRAY FOAM
	GYPSUM BOARD		AIR BARRIER / DRAINAGE PLANE
	RIGID MINERAL WOOL		FLASHING

MATERIAL INDICATIONS

	REVISION DESIGNATION		NEW PT. ELEVATION
	DOOR DESIGNATION		EXISTING CONTOUR
	WINDOW TYPE		NEW CONTOUR
	PARTITION TYPE		TEST BORING TEST PIT
	HORIZONTAL ASSEMBLY		ELEVATION LINE
	EL. NO. EXTERIOR ELEVATIONS SHEET NO.		EL. NO. INTERIOR ELEVATIONS SHEET NO.
	WALL OR DETAIL SECTION		BUILDING SECTION
	PLAN OR ELEVATION DETAIL		DEMO WALLS AND OTHER COMPONENTS
			EXISTING WALLS
			NEW WALLS

SYMBOLS

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Checkerberry
Lot 13

L 13 CHECKERBERRY SQ,
MILTON, VT

Revisions:
#

Project Number:	Project Number
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Phase: SCHEMATIC DESIGN

Scale	As indicated
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Date	02/27/20
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GENERAL NOTES

A001

COMMERCIAL ENERGY CODE, 2020

COMPONENT

ROOF

INSULATION ABOVE DECK U-0.025 R-40CI 7.5" POLYISOCYANURATE ROOF INSUATION PROVIDED FOR A TOTAL OF R-42
ROOF CURBS R-10

WALLS, ABOVE GRADE

METAL BUILDING U-0.044 R-13+R-17CI OR R-22CI; INSULATED METAL PANELS AT R-24.94

SLABS (UNHEATED)

F-0.036 R-10; R-10 AT FACE OF FOUNDATION WALL AT THE MAJORITY OF THE BUILDING.
24" HORIZONTALLY ALL AROUND PERIMETER.

OPAQUE DOORS

SWINGING U-0.37 U-0.6 AT STOREFRONT DOORS
GARAGE DOOR <14% GLAZING U-0.31 R-17 PROVIDED (U-0.058)

COMPONENT

WINDOWS

NOT APPLICABLE

ENTRANCES

PRINCIPAL ENTRANCES HAVE VESTIBULES.

AIR LEAKAGE

0.30 CFM 50 / SF; BLOWER DOOR TEST IN LIEU OF COMMISSIONING

COMMISSIONING

COMMISSIONING IS REQUIRED FOR MECHANICAL SYSTEMS

ADDITIONAL EFFICIENCY PACKAGE OPTIONS, C406 OF CBES 2020

COMMERCIAL BUILDING OCCUPANCY - ALL OTHER GROUPS

6 CREDITS REQUIRED PER C406.1

1.

REDUCED LIGHTING POWER (OPTION 2 IN ACCORDANCE WITH C406.3.1)

4 CREDITS
2.

REDUCED AIR INFILTRATION (C406.9)

3 CREDITS

CHECKERBERRY LOT 13 - CODE SUMMARY

PROJECT SUMMARY:

- PRE-ENGINEERED METAL BUILDING WITH 4 TENANT SPACES

APPLICABLE CODES:

- VERMONT FIRE & BUILDING SAFETY CODE, 2015:
- VT CBES, 2020
- LIFE SAFETY CODE- NFPA 101- 2015
- FIRE CODE- NFPA 1- 2015
- IBC 2015
- VERMONT ELECTRICAL SAFETY RULES , 2020
- NFPA 70 NATIONAL ELECTRICAL CODE, 2020
- VERMONT PLUMBING RULES, 2021
- ICC IPC, 2021
- VERMONT ACCESS RULES (ADA), 2012
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

PARKING:

...

OCCUPANCY:

IBC 306: STORAGE S-1 MODERATE HAZARD
NFPA 101 CHAPTER 42: STORAGE

CONSTRUCTION TYPE:

CONSTRUCTION TYPE: 2B FULLY SPRINKLERED

ALLOWABLE HEIGHT:

504.3 B, 2B, SPRINKLERED = 75', PROPOSED = 22'

ALLOWABLE STORIES:

504.4 B, 2B, SPRINKLERED = 4, PROPOSED = 1

ALLOWABLE AREA:

506.2 B, 2B, SPRINKLERED = 92,000 SF PER FLOOR, PROPOSED = 21,000 SF

BUILDING DATA:

HEIGHT: 22'-0"

STORIES: 1

AREA: GROSS SQUARE FOOTAGE = 21,903 SF

TENANT SPACE 1 NORTH = 5,310 SF

TENANT SPACE 2 NORTH = 4,934 SF

TENANT SPACE 3 SOUTH = 5,115 SF

TENANT SPACE 4 SOUTH = 5,310 SF

SERVICE = 427 SF

OCCUPANT LOAD:

...

MEANS OF EGRESS:

NFPA 101 7.4.1.2 NUMBER OF MEANS OF EGRESS

CODE LEGEND

1 HR

2 HR

EGRESS PATH

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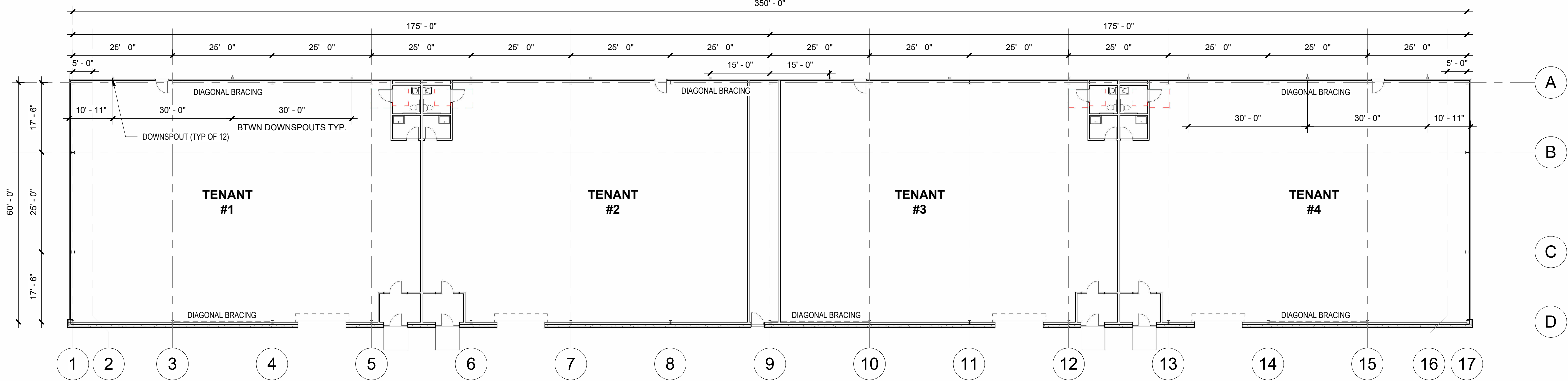
Phase: SCHEMATIC DESIGN

Scale 1/16" = 1'-0"

Date 10/06/2025

CODE
INFORMATION

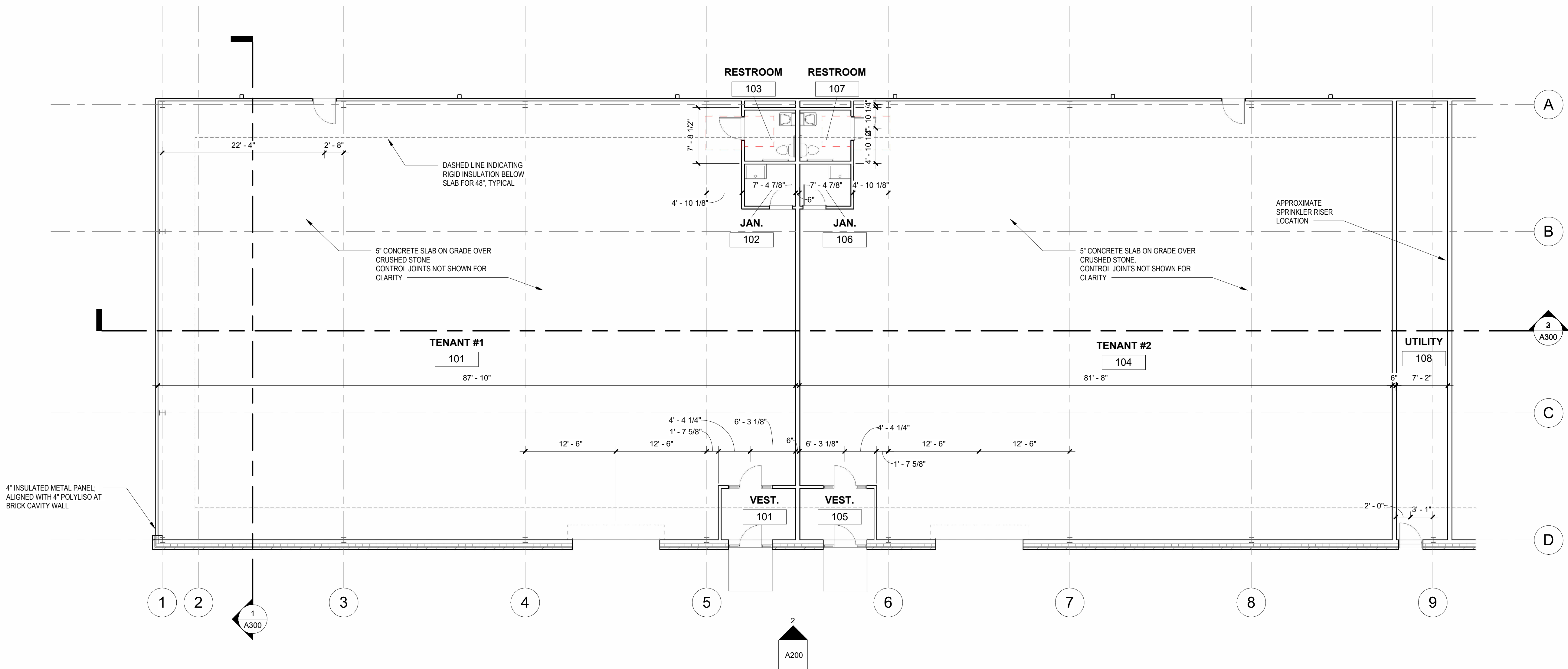
A003



1 LEVEL 1

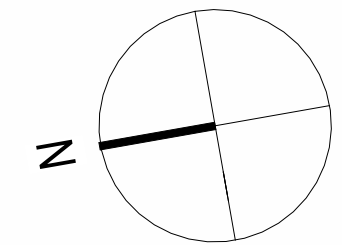
SCALE: 1/16" = 1'-0"

OCCUPANCY TYPE: STORAGE S-1 (MODERATE HAZARD)
CONSTRUCTION TYPE: 2B
SPRINKLERED, 1 STORY
ALLOWABLE AREA: 92,000 SF
ALLOWABLE STORIES: 4
ALLOWABLE HEIGHT: 75'
PROPOSED: 21,000 SF
PROPOSED: 1
PROPOSED: 22'



2 LEVEL 1 - PARTIAL NORTH

SCALE: 1/8" = 1'-0"



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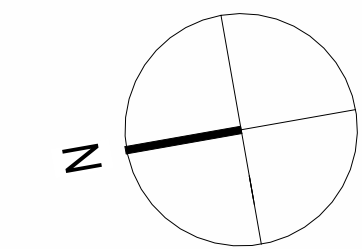
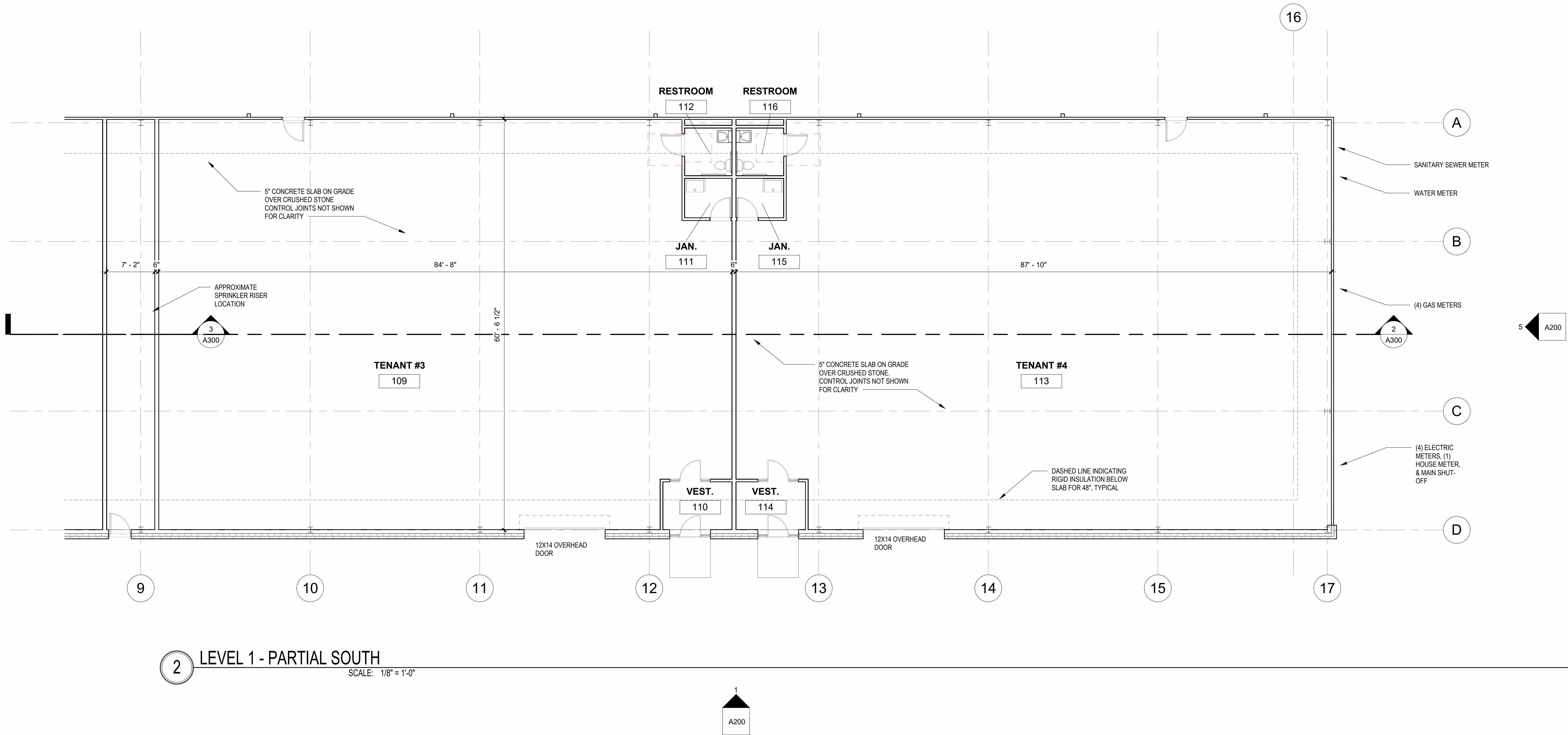
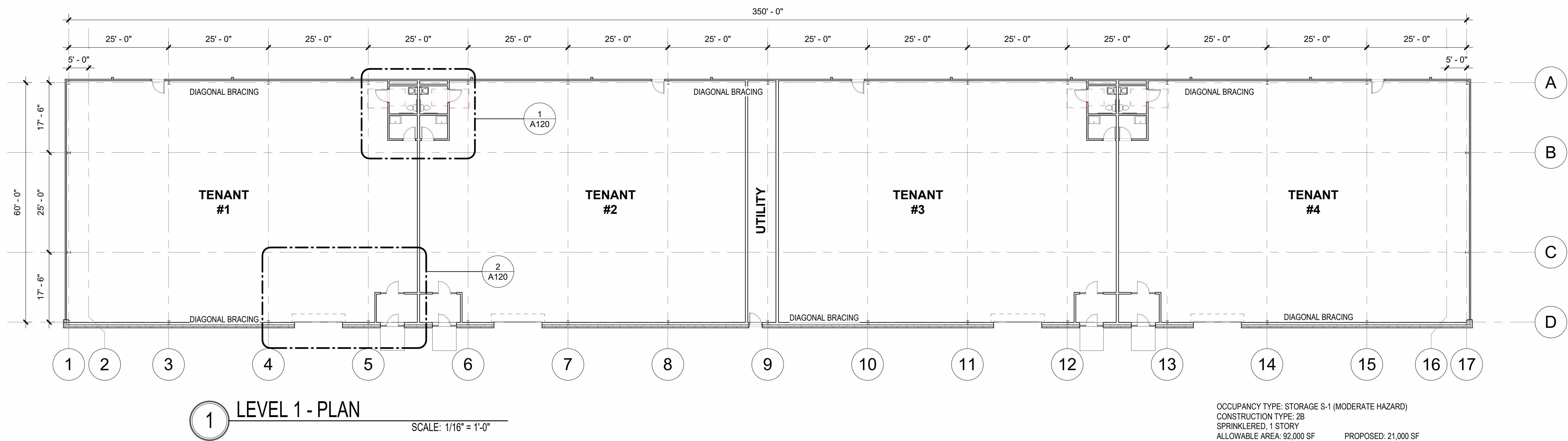
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FLOOR PLAN
- NORTH

A101

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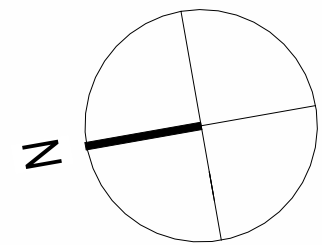
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FLOOR PLAN - SOUTH

A102

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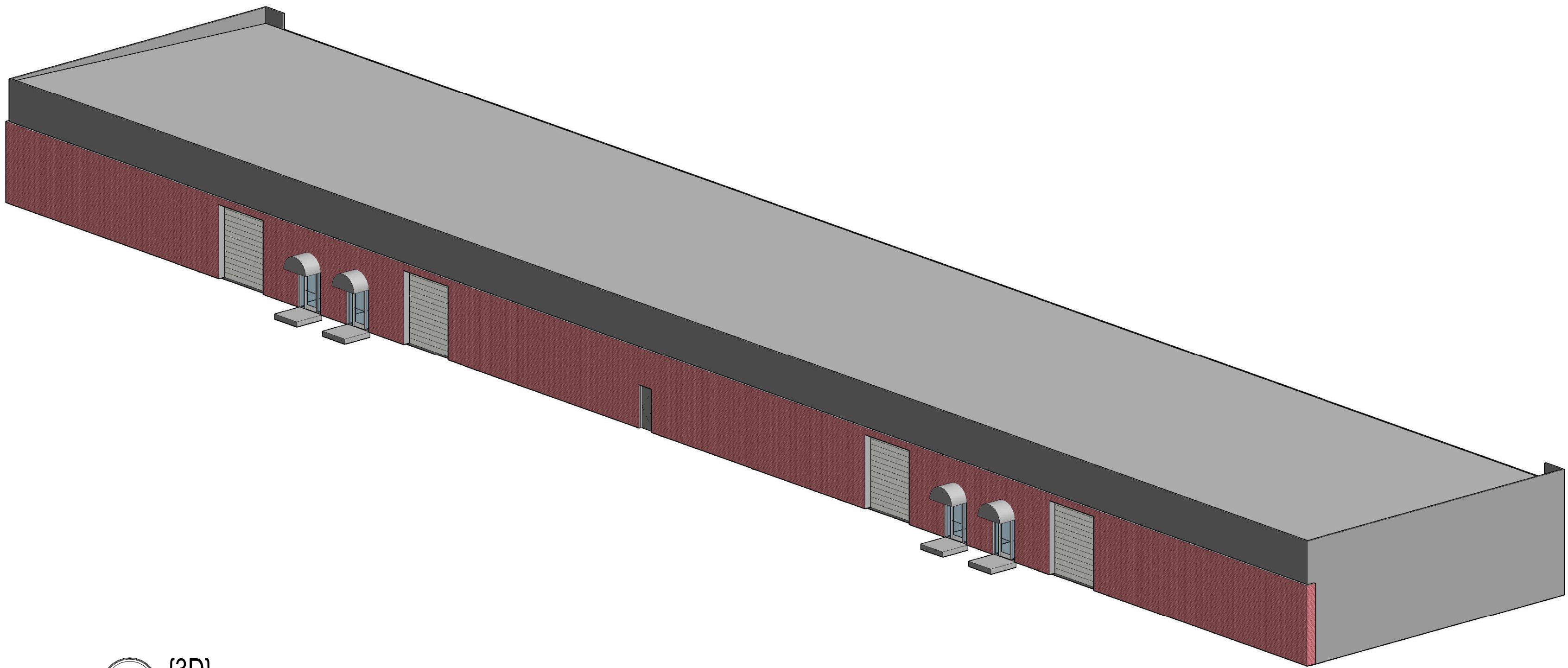
Scale 1/16" = 1'-0"

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ROOF PLAN

A103

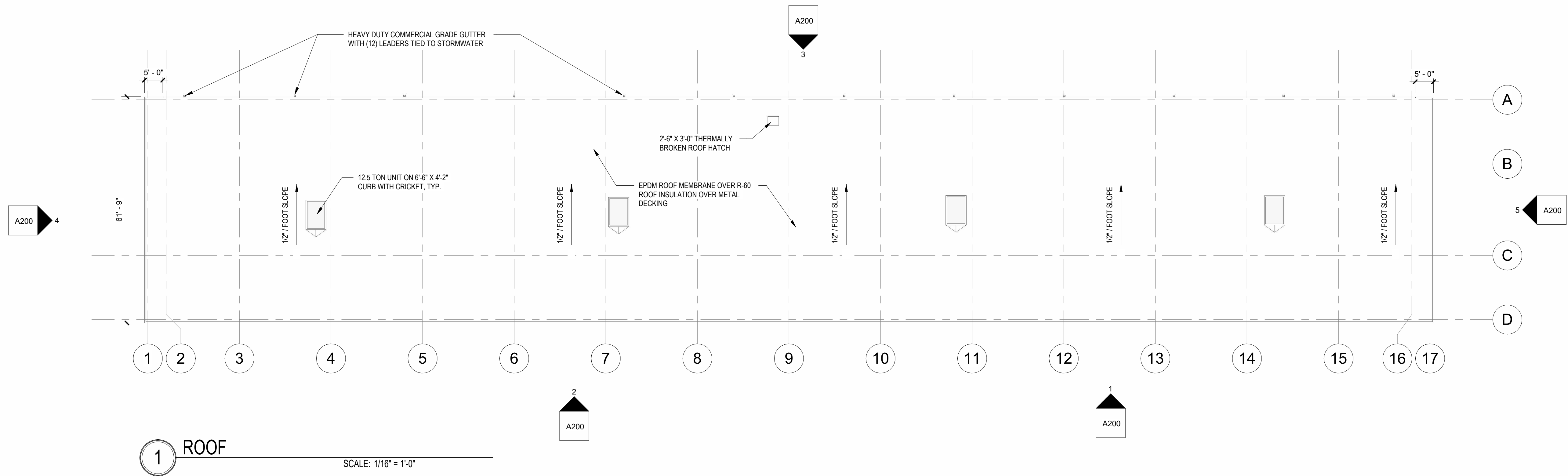
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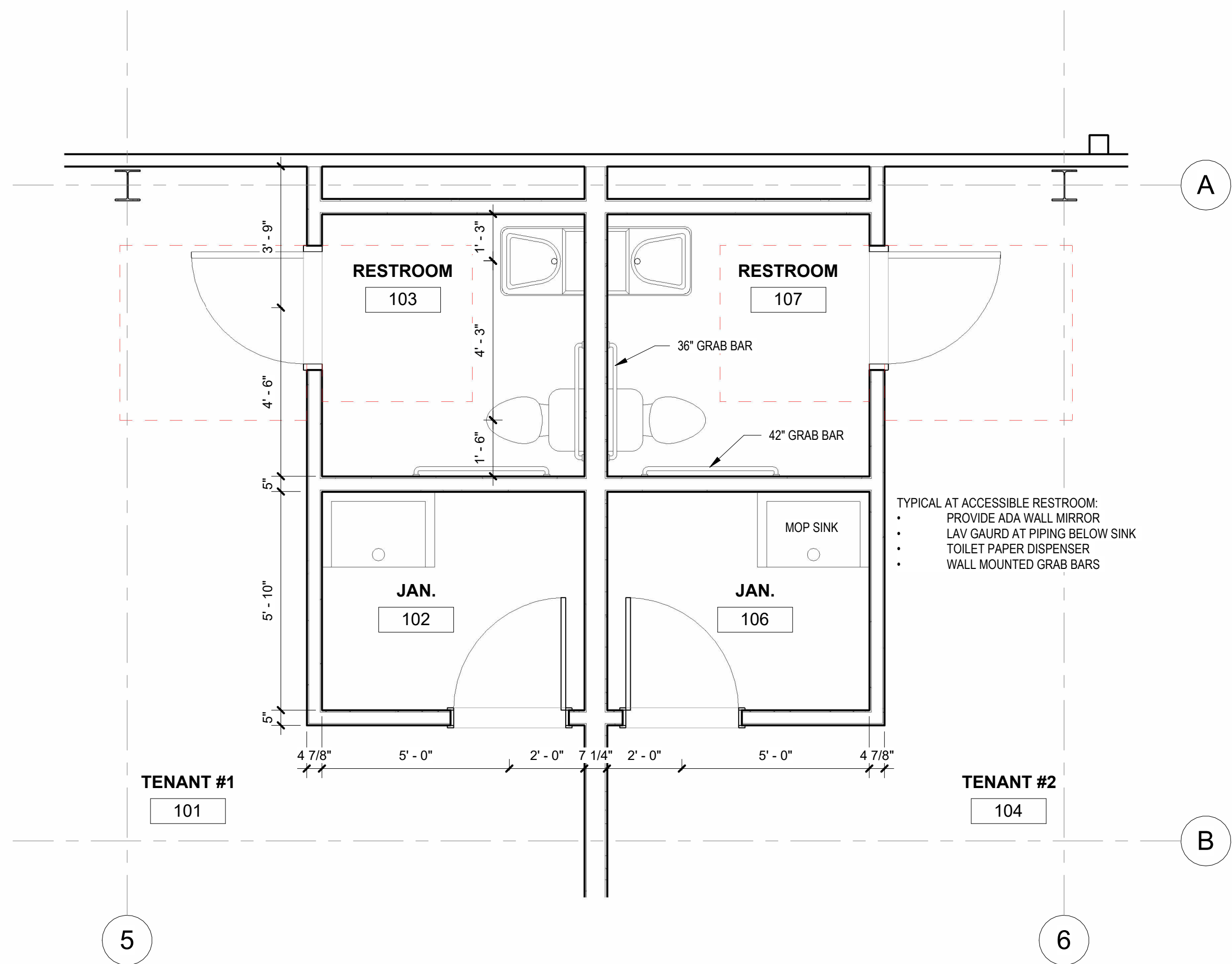
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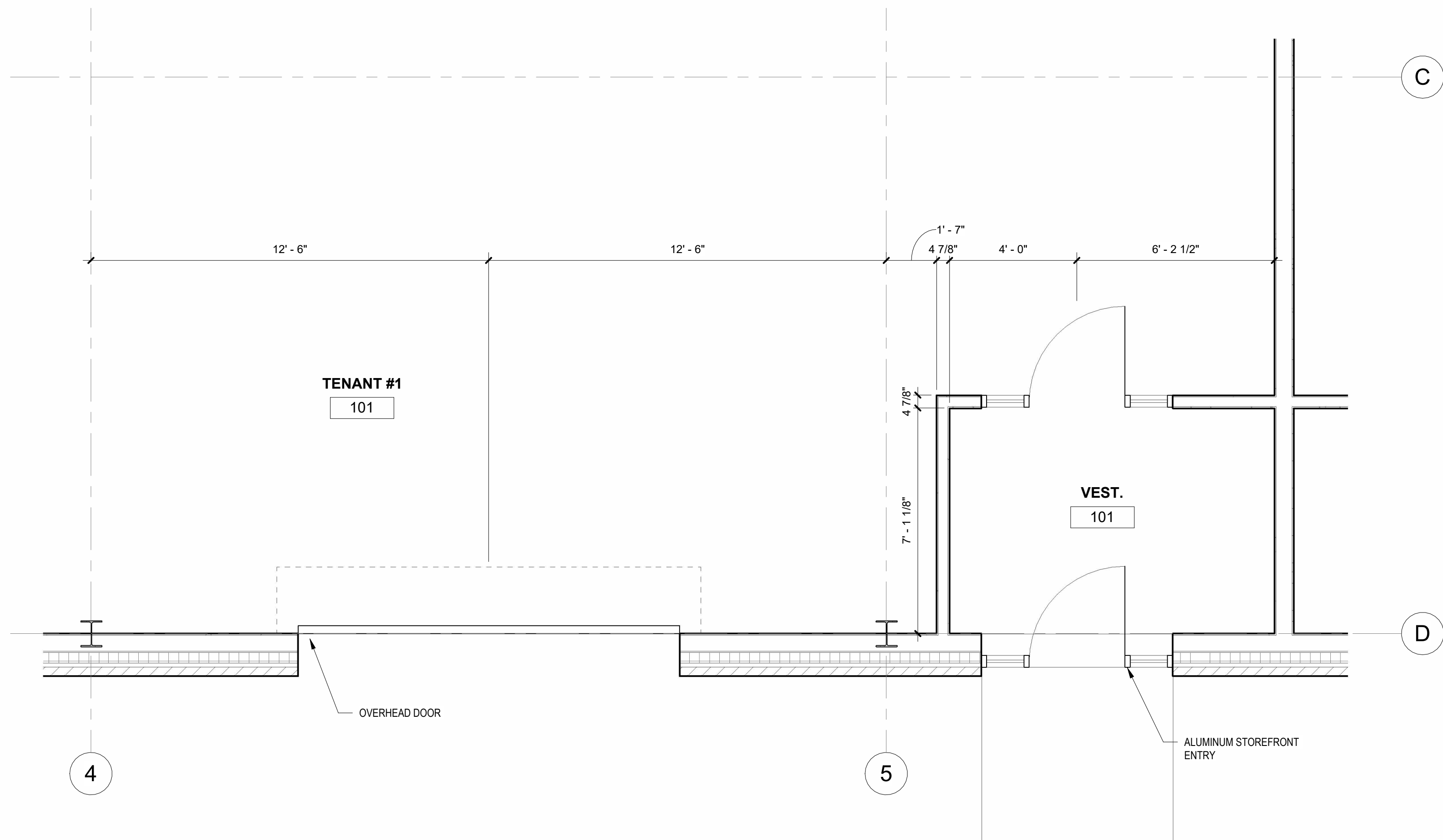
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ROOF

SCALE: 1/16" = 1'-0"



1 LEVEL 1 - RESTROOMS
SCALE: 3/8" = 1'-0"



2 LEVEL 1 - VESTIBULE
SCALE: 3/8" = 1'-0"

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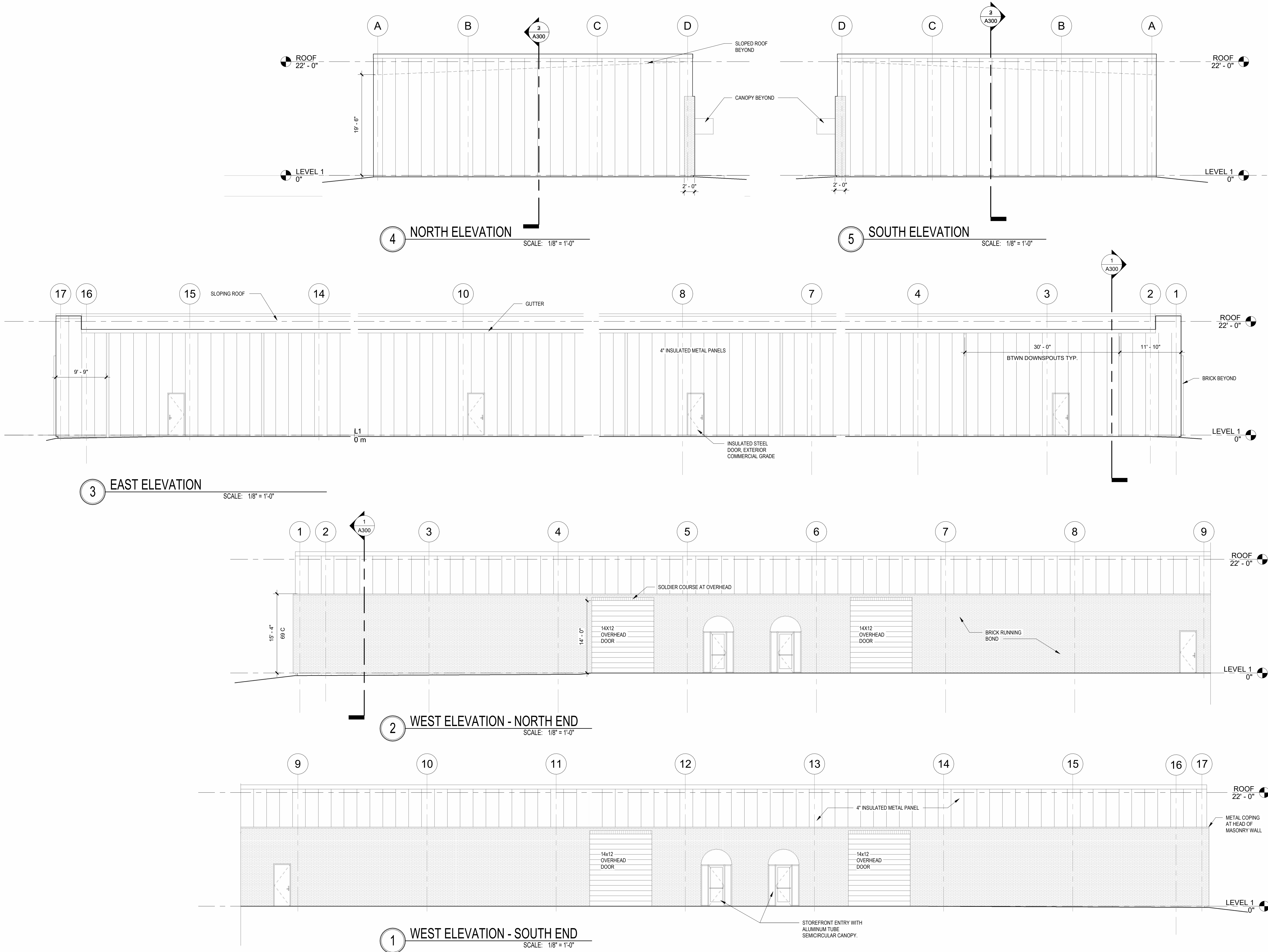
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ENLARGED
PLANS

A120

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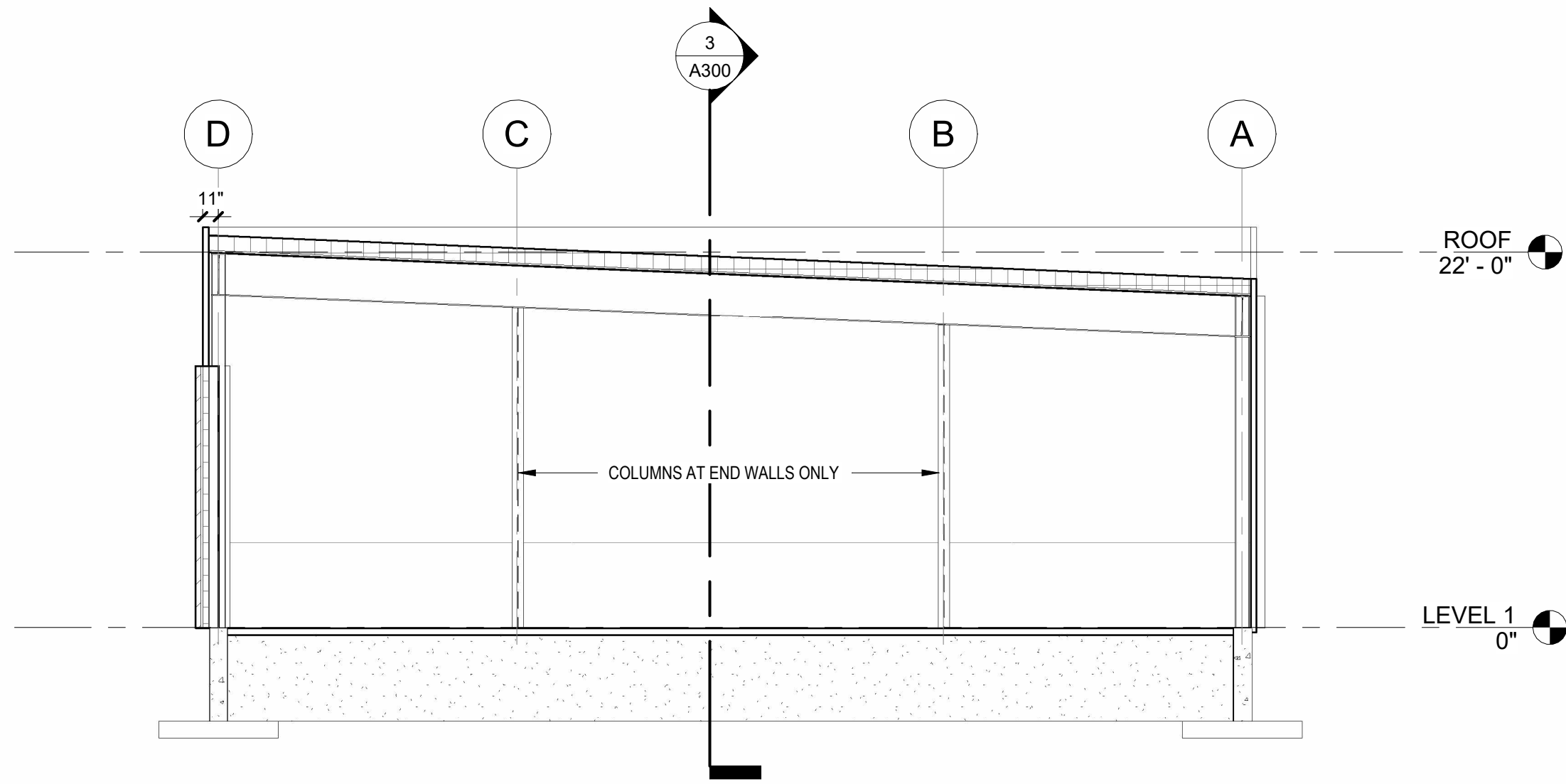
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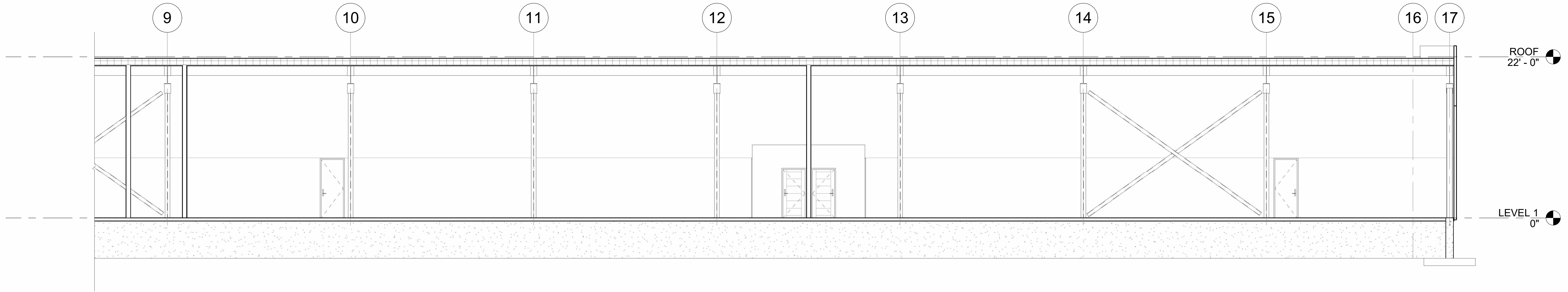
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BUILDING ELEVATIONS

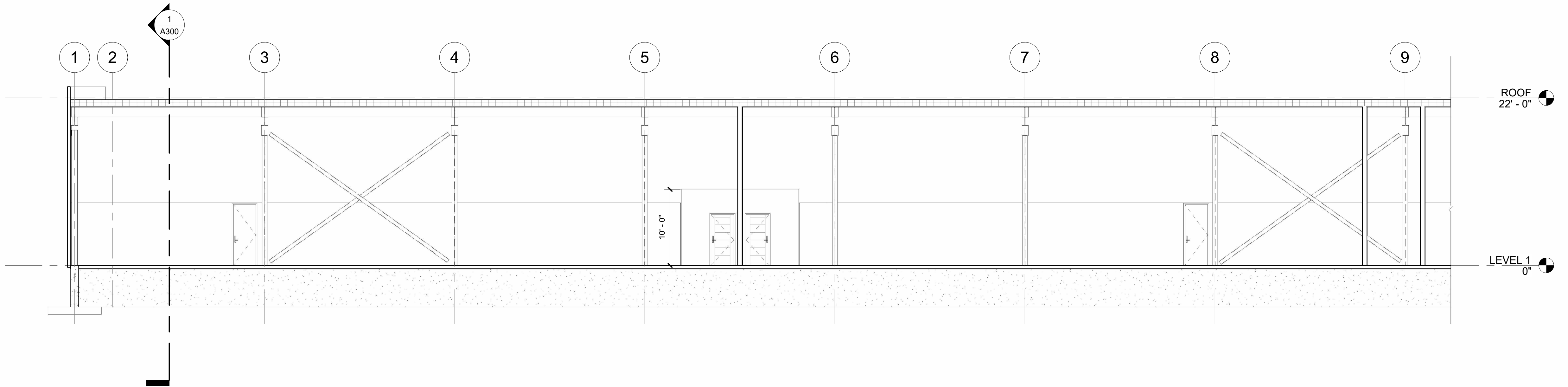
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1 SECTION 1
SCALE: 1/8" = 1'-0"



2 SECTION 2 - SOUTH END
SCALE: 1/8" = 1'-0"



3 SECTION 2 - NORTH END
SCALE: 1/8" = 1'-0"