

St Mary Coptic Orthodox Church
 433 River Road, East Brunswick, NJ
 Karnak Architectural LLC Emad Bouless, AIA

2018 NJ Building Code Section 303.4

Building Use: Multi Purpose Facility
 Section: Assembly Group A-3

Construction group type: I-B

Fire Protection: Sprinkler Required/ Provided 903.2.1.3
 Fire Alarm Required/ Provided 907.2.1
 Fire-Resistance Rating: 0 required Table 601
 Fire separation Distance: 10' < X > 30 feet - 0 required Table 602

Area	Allowed	Proposed		Table
		1ST Floor	Mezz	
	28,500 SF	14,467.40	4,386.93	Table 506.2
			8,253.10	
			27,107.43	

Height: 75 feet Table 504.3
 35 feet Ordinance 903.2.1.3
 Number of floors: 3 stories 1 story & Mezz

Occupancy load	Area	occupancy load	Table
Exercise rooms	50 SF / person	11,457.38	
		4,118.81	
		15,576.19	312
Offices	150/person	2,547.79	
		2,547.79	17
Total			329

Plumbing fixtures for 219: 110 Male, 110 Female
 IPC 7.21.2

	Required		Provided	
	Male	Female	Male	Female
WC	3	3	6	6
Male	3		6	
Female		3		6
Male	3		6	
Female		3		6
Drinking fountain	1		6	
Mop sink	1		1	

KARNAK
 Architecture
 LLC

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 Hackettstown, NJ, 07840
 973.262.6377 Phone
 emad@optonline.net

PROJECT TITLE:
 ST. MARY MULTI-PURPOSE
 FACILITY

PROJECT INFORMATION:
 175-177 HARDENBURG LANE,
 EAST BRUNSWICK, NJ
 Block: 309.2
 Lots: 33.01, 33.02, 34, 46 & 47

OWNER:
 ST MARY COPTIC
 ORTHODOX CHURCH

ISSUE HISTORY

1	12.13.2021	ZONING REVIEW
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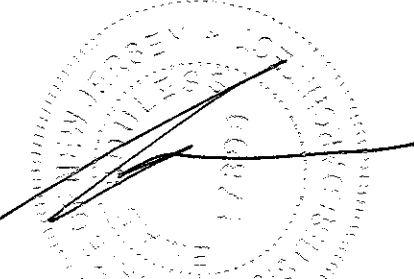
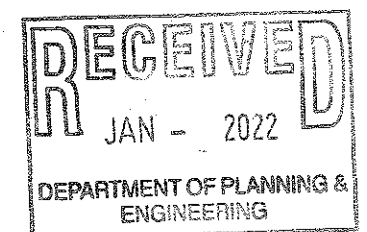
DRAWING TITLE:

FLOOR PLANS

SHEET NUMBER:
A 200

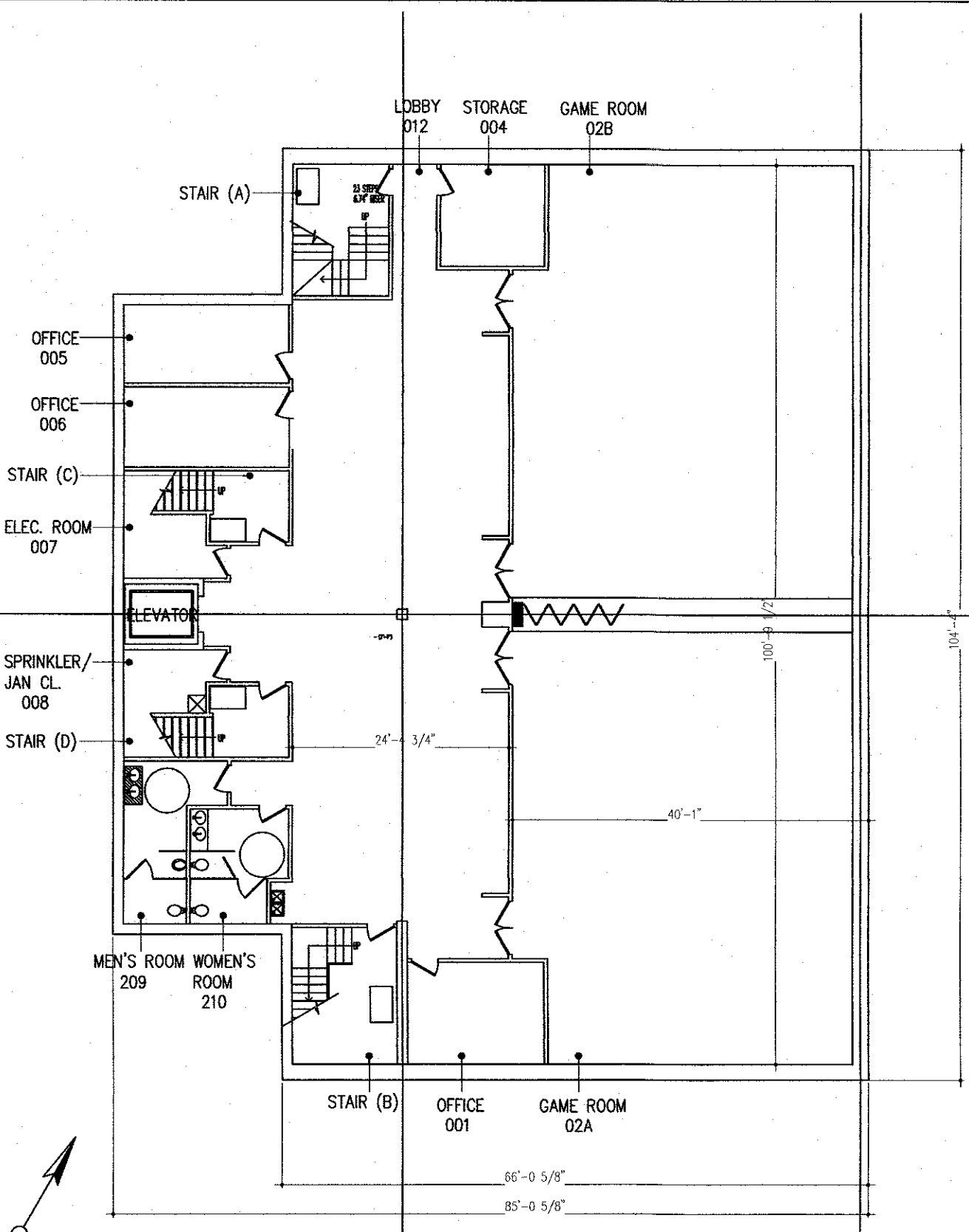
SCALE:
 1/16" = 1'-0"

Z-21-36



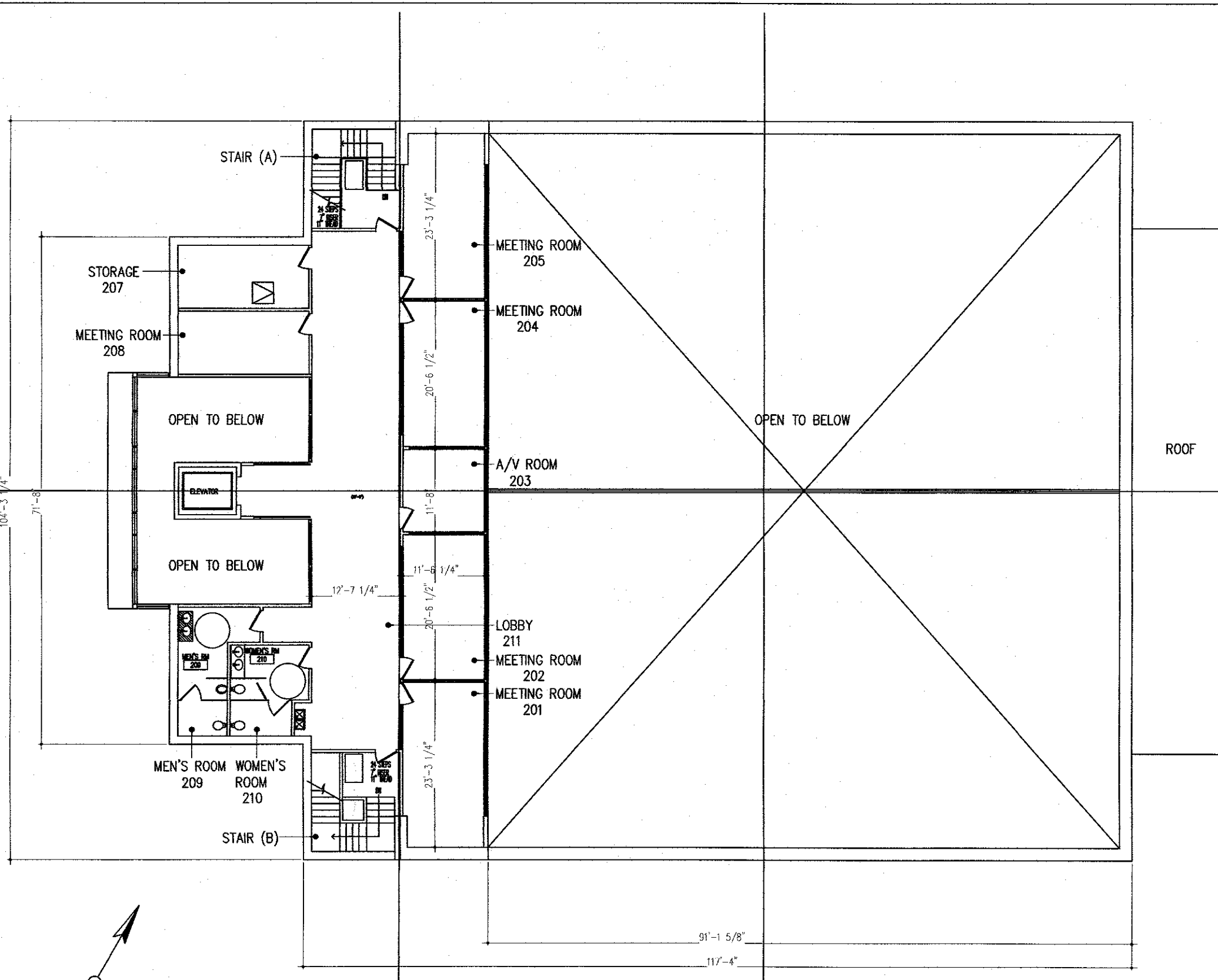
EMAD BOULESS, AIA
 Lic# 21A101789000

PROJECT ID:
 21.04.A



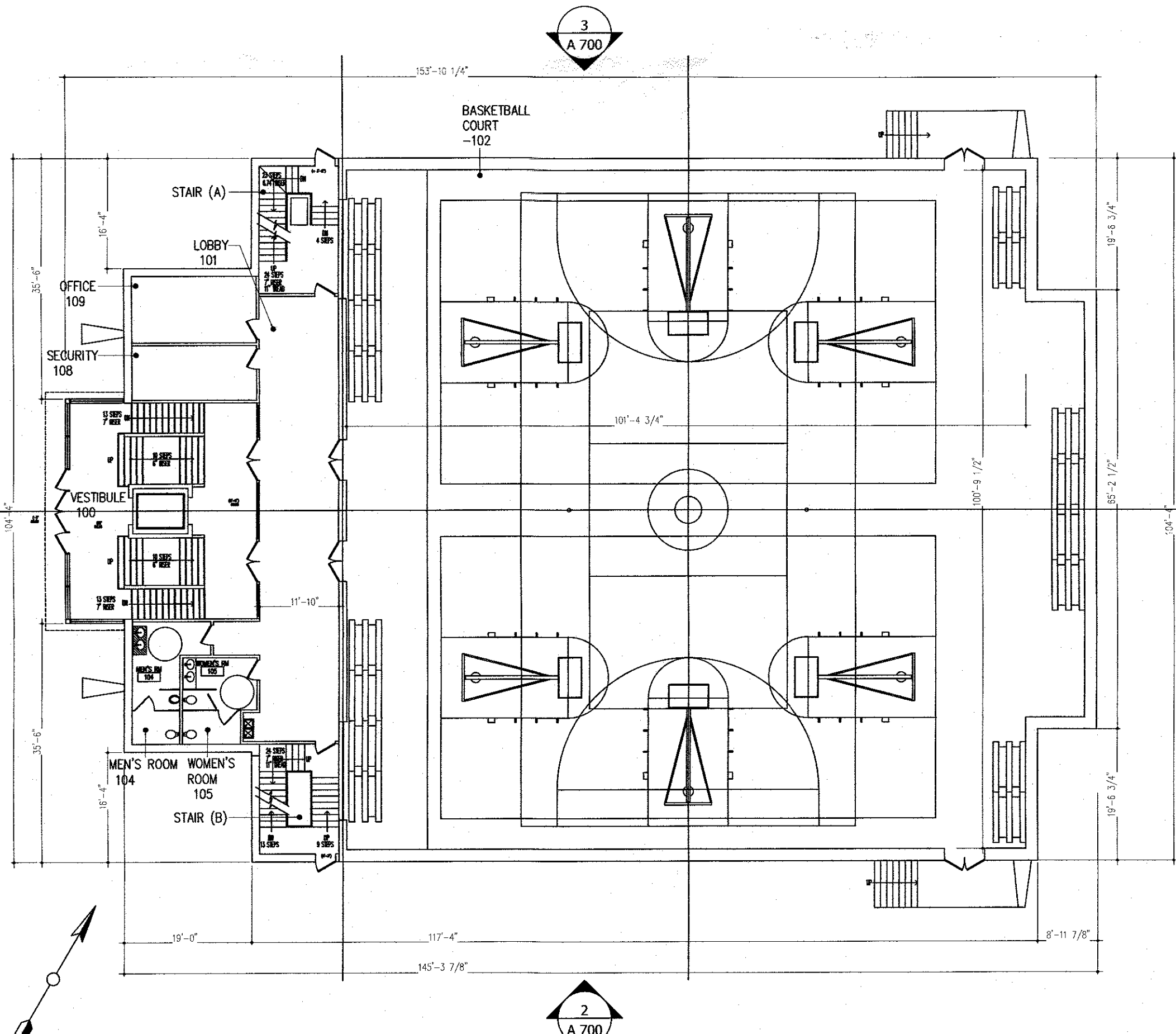
01 BASEMENT PLAN

Scale: 1/16" : 1' - 0"



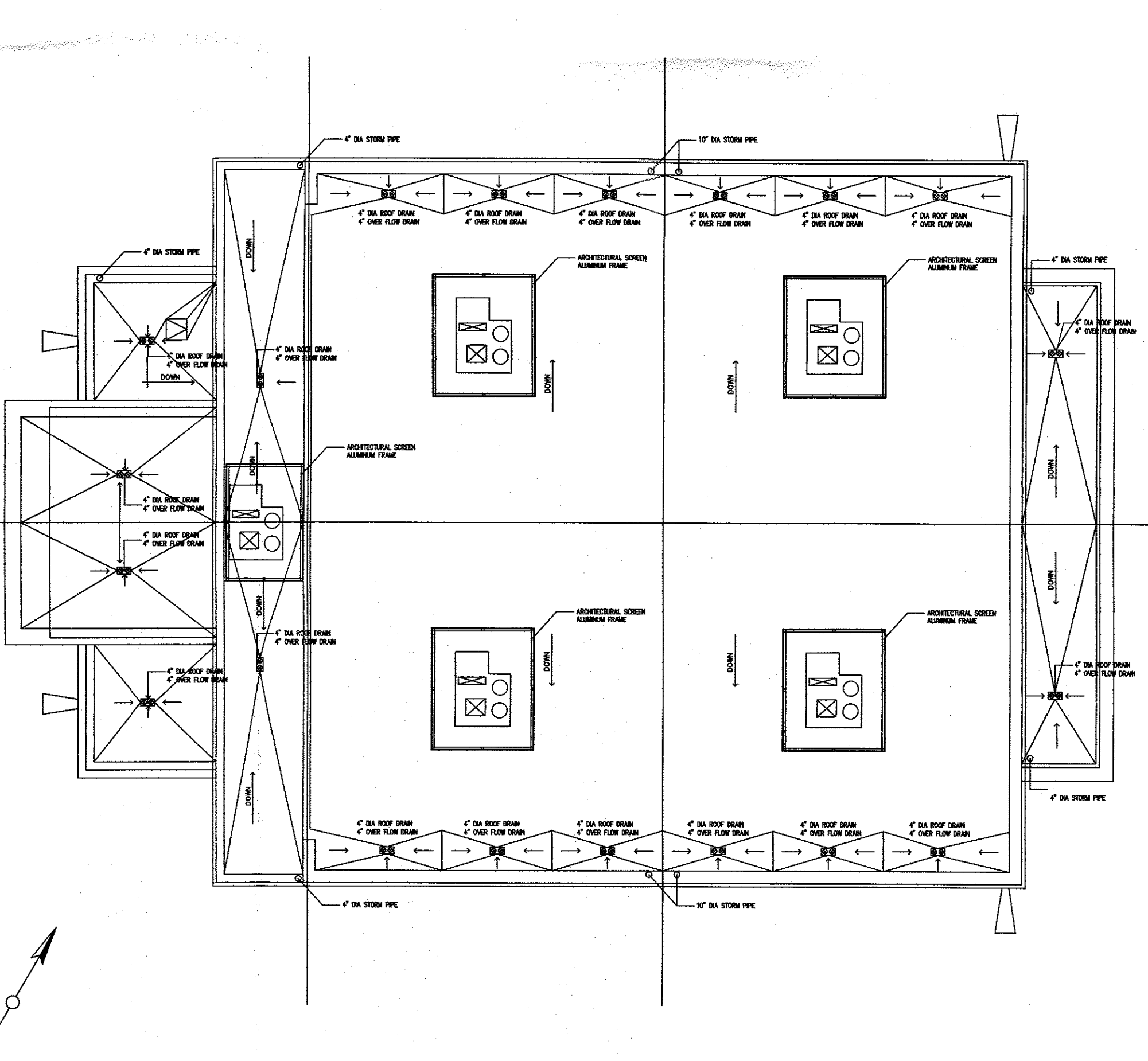
03 MEZZ. FLOOR PLAN

Scale: 1/16" : 1' - 0"



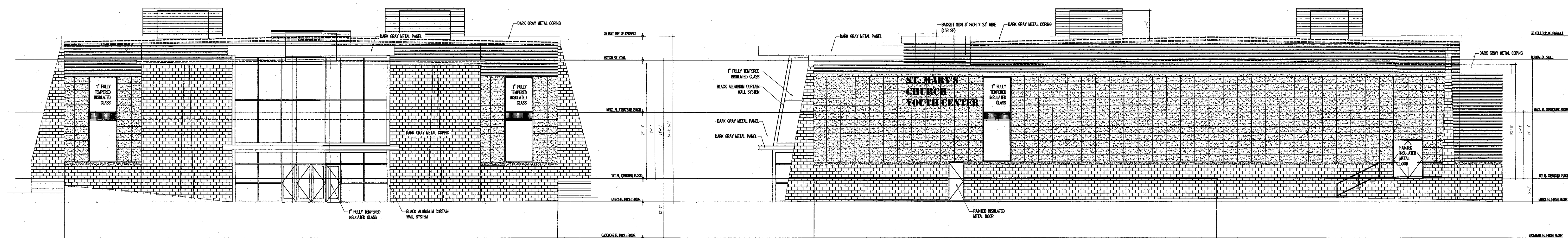
02 1ST FLOOR PLAN

Scale: 1/16" : 1' - 0"



02 ROOF PLAN

Scale: 1/16" : 1' - 0"

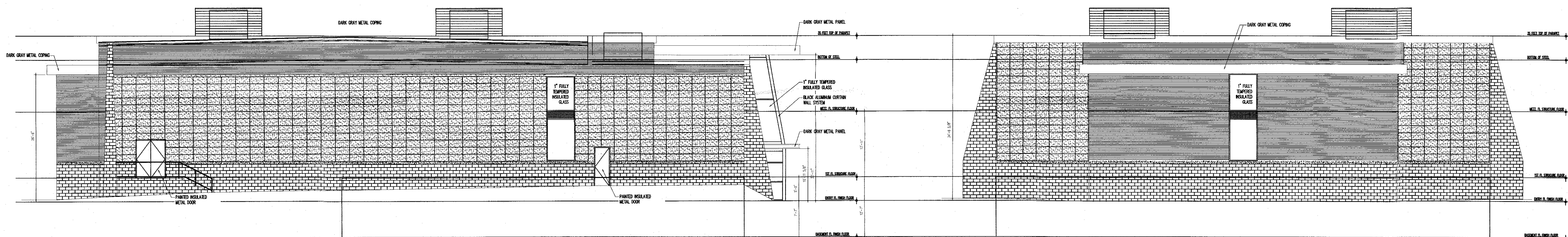


01 FRONT ELEVATION (WEST)

Scale: 3/32" = 1' - 0"

02 RIGHT ELEVATION (SOUTH)

Scale: 3/32" = 1' - 0"



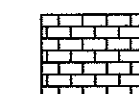

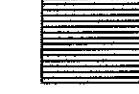
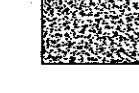
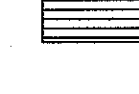
03 LEFT ELEVATION (SOUTH)

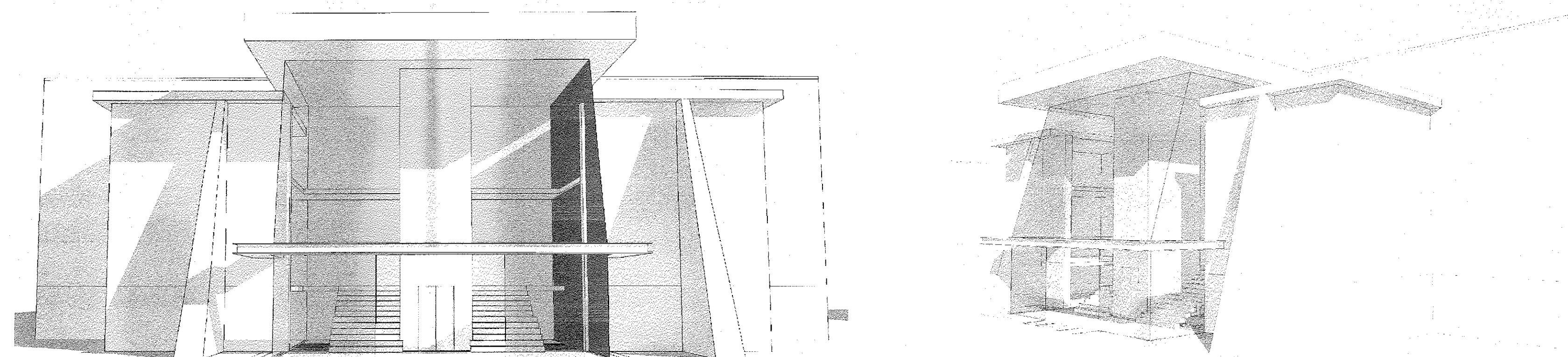
Scale: 3/32" = 1' - 0"

04 REAR ELEVATION (EAST)

Scale: 3/32" = 1' - 0"

EXTERIOR FINISH SCHEDULE

-  SHOULDICE STONE; ULTRA WHITE, 3.5"X 15.75"X 23.25"
-  TERRACOTTA PANEL SYSTEM/ TEMPIO NAT. NA1-07 (36" X 12")
-  HORIZONTAL TEXTURED TERRACOTTA PANEL SYSTEM/ TEMPIO NAT. R4-24 (36" X 12")
-  CAST STONE SILLS; DARK GRAY COLOR.
-  ARCHITECTURAL SCREEN, ALUM. FRAME AT EACH RTU.



05 ISOMETRIC VIEW AT ENTRY

Scale: NTS

ISSUE HISTORY

1 | 12.13.2021 | ZONING REVIEW

DRAWING TITLE:

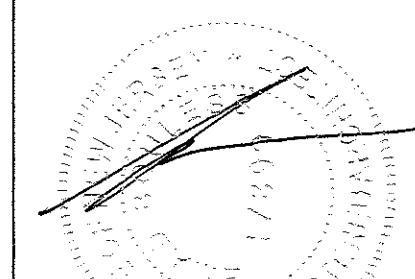
EXTERIOR ELEVATIONS

SHEET NUMBER:

A 700

SCALE:

1/16" = 1'-0"



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