

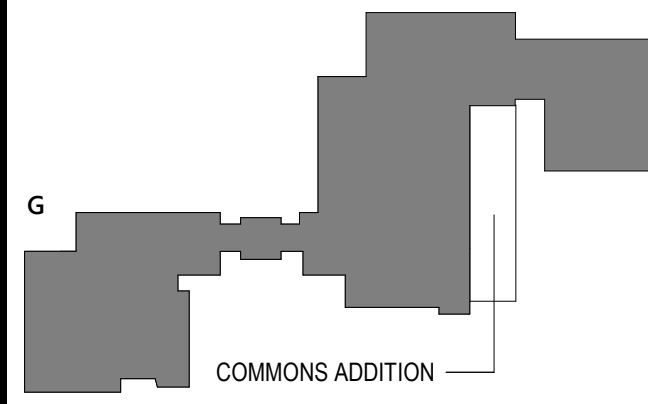
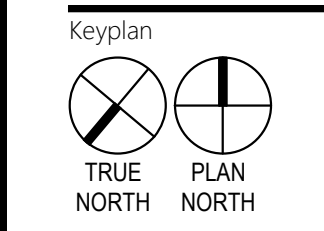


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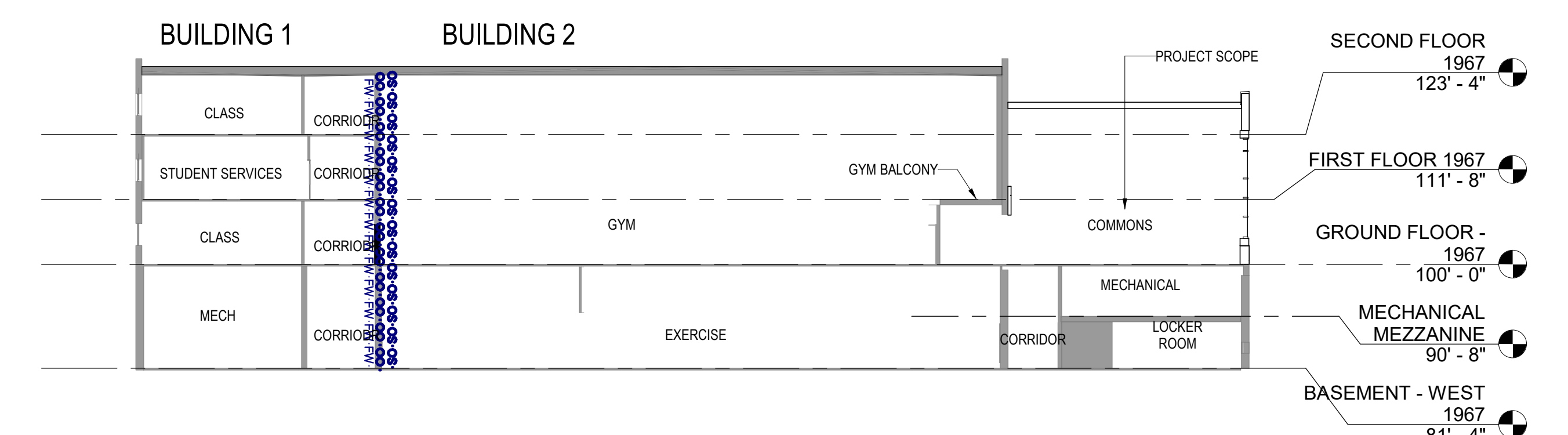
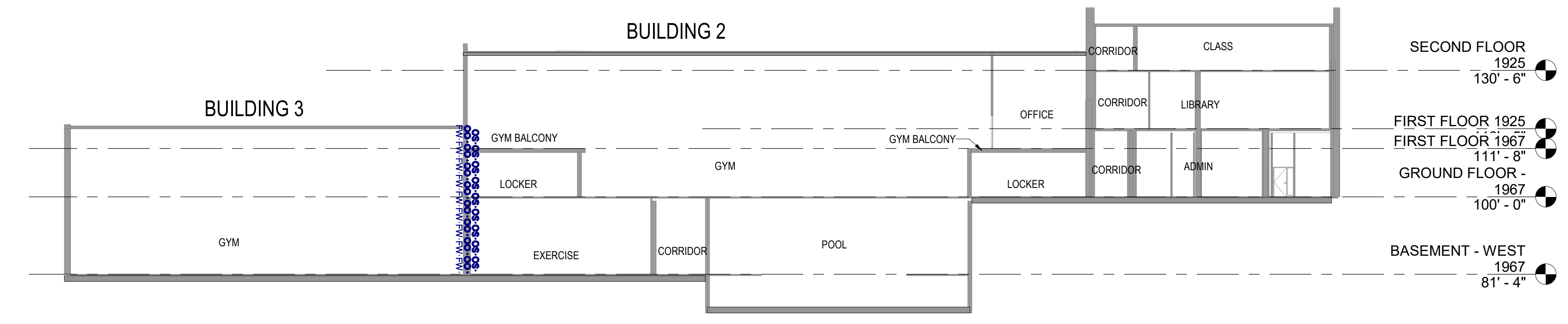
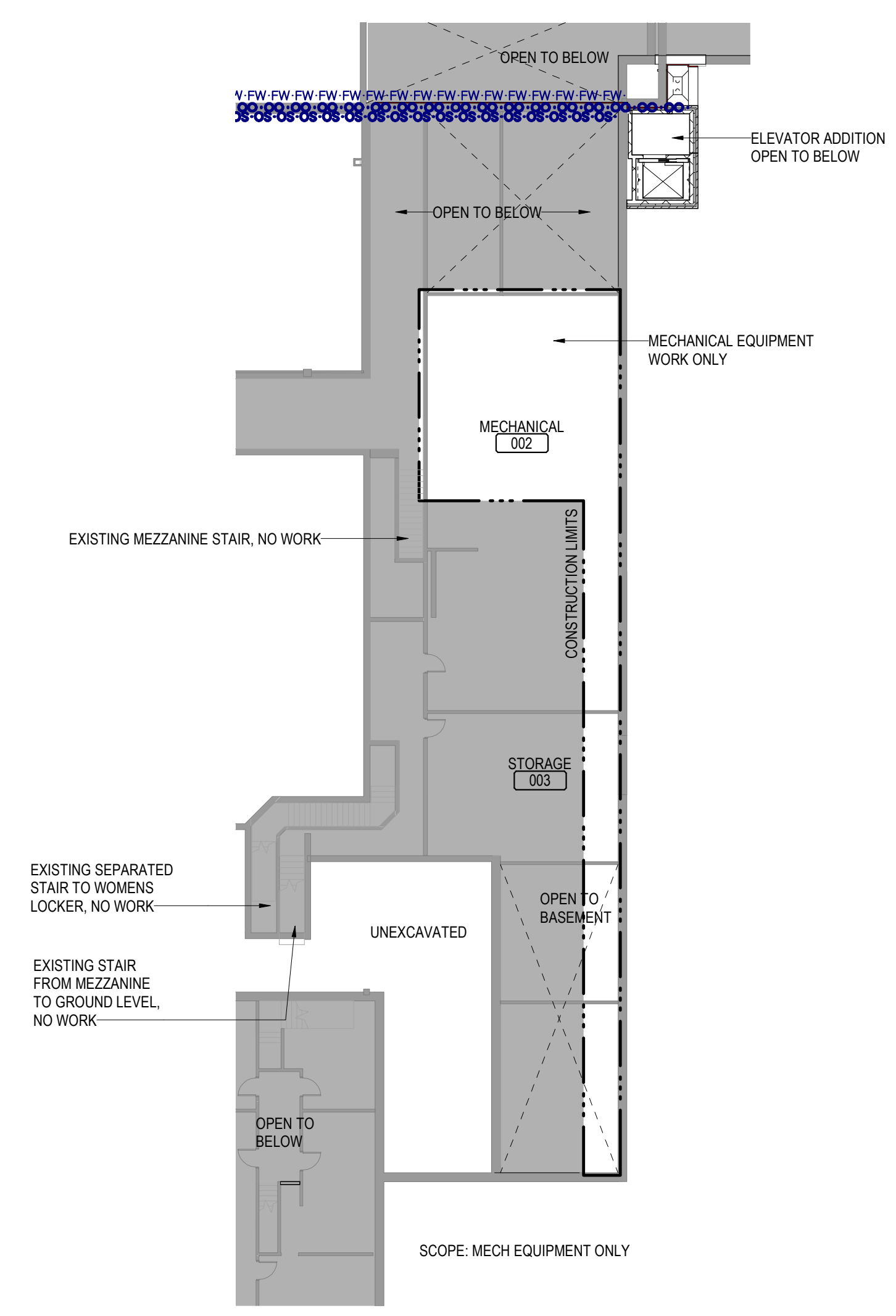
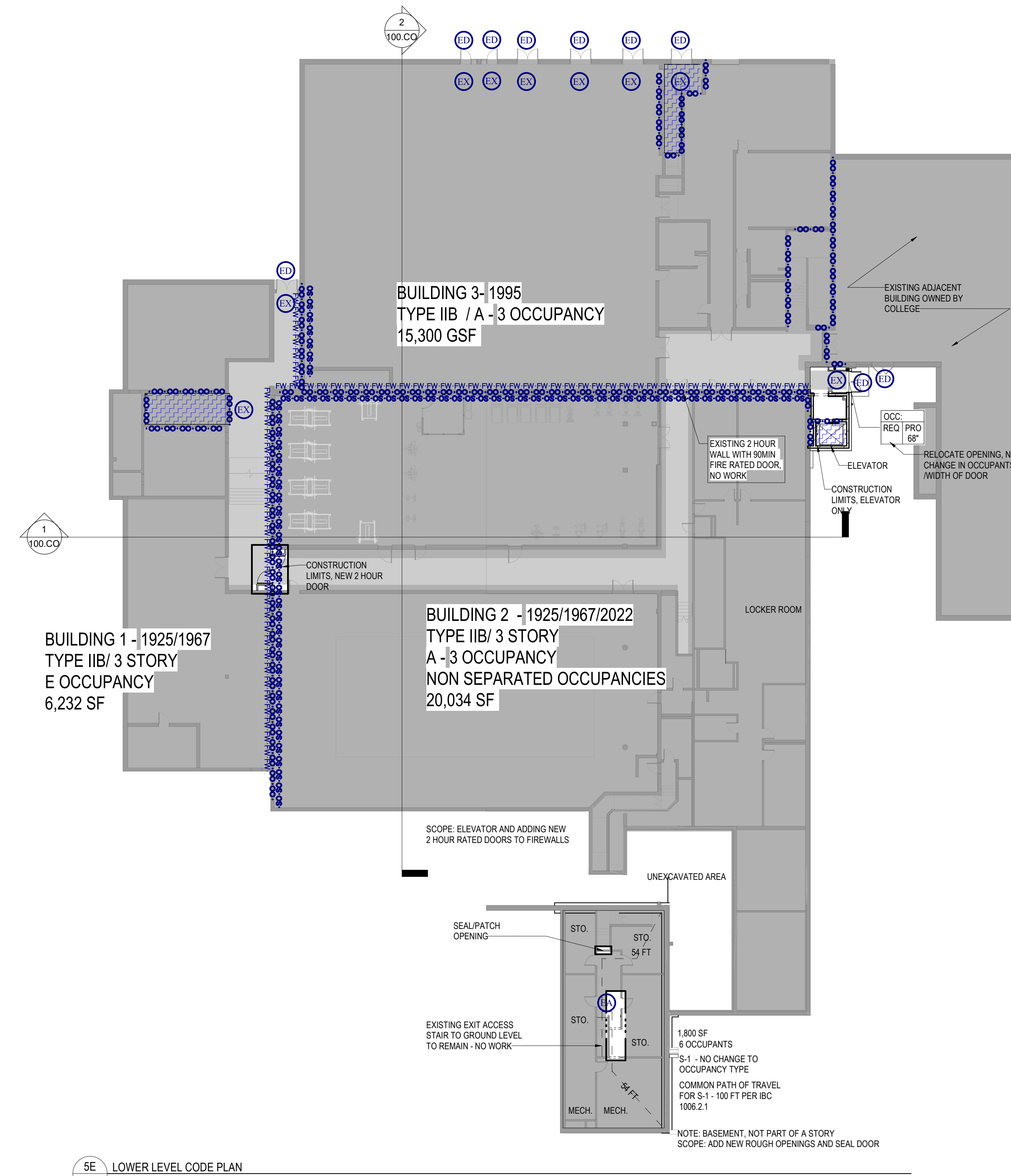
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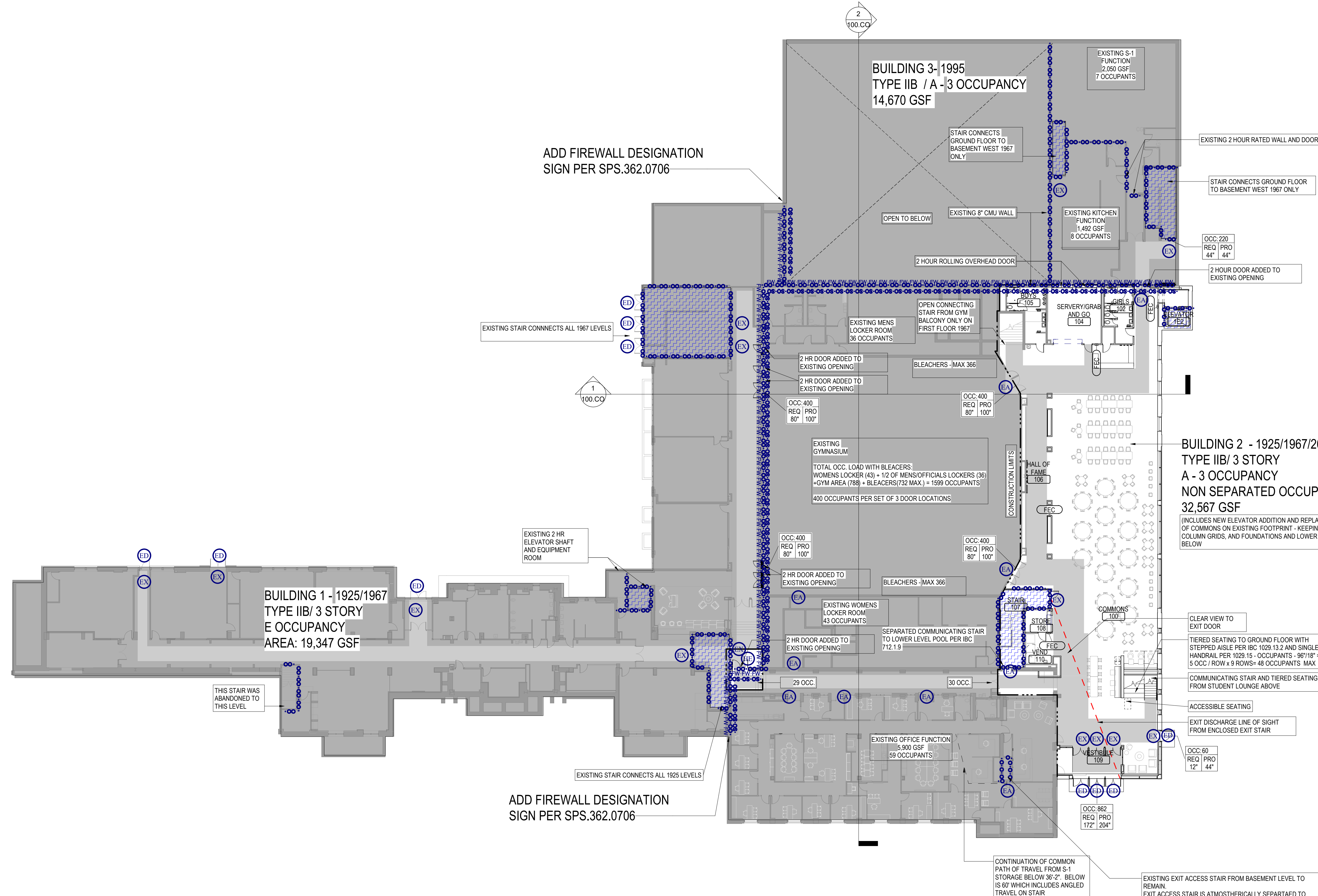
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Sheet Title  
**BASEMENT FIRE AND LIFE SAFETY DRAWINGS**

Sheet No.  
**100.CO**



SEE SHEET 101.CO FOR CODE SUMMARY AND LEGENDS



1F GROUND LEVEL CODE PLAN  
1" = 20'-0"

**BUILDING 2 - GROUND AND FIRST OCCUPANCY LOADS**

OCCUPANT LOAD	NAME	Function of Space	OCCUPANT LOAD		
			AREA	SF/OCC	GROSS/NET
GROUND FLOOR - 1967					
ADMINISTRATIVE OFFICES	BUSINESS		5940 SF	100 SF	GROSS 59
BLEACHERS	SEE PLAN		1125 SF	SEE PLAN	NET 366
BLEACHERS	SEE PLAN		1125 SF	SEE PLAN	NET 366
GYM	ASSEMBLY WITHOUT FIXED SEATS - CONCENTRATED (chairs only - not fixed)		5517 SF	7 SF	NET 799
LOCKER RM	LOCKER ROOMS		1794 SF	50 SF	GROSS 36
LOCKER RM	LOCKER ROOMS		2165 SF	50 SF	GROSS 43
YENDING RM 110	MERCANTILE		134 SF	60 SF	GROSS 7
COMMONS RM 100	ASSEMBLY WITHOUT FIXED SEATS - UNCONCENTRATED (tables and chairs)		4390 SF	15 SF	NET 292
GRAB AND GO RM 104	MERCANTILE		461 SF	60 SF	GROSS 8
STORE RM 108	MERCANTILE		93 SF	60 SF	GROSS 2
			22794 SF		1962
FIRST FLOOR 1925					
ATHLETIC OFFICES	BUSINESS		862 SF	100 SF	GROSS 10
DANCE	EDUCATION - CLASS		351 SF	20 SF	NET 48
GYM BALCONY	SEE PLAN		2651 SF	SEE PLAN	NET 528
LIBRARY	LIBRARY - READING ROOMS		4369 SF	50 SF	NET 87
LRC	EDUCATIONAL - SHOPS AND OTHER VOCATIONAL ROOM AREAS		1283 SF	50 SF	NET 26
STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM		164 SF	300 SF	GROSS 1
STUDENT LOUNGE RM 202	ASSEMBLY WITHOUT FIXED SEATS - UNCONCENTRATED (tables and chairs)		382 SF	15 SF	NET 25
STUDENT LOUNGE RM 202	SEE PLAN		1009 SF	SEE PLAN	NET 49
			11792 SF		774
			34525 SF		2736

**CODE SUMMARY**

<b>ADDRESS:</b>	2219 MONROE STREET MADISON, WI 53711
<b>YEAR BUILT:</b>	1925, 1937, 1967, 1995, 2018, 2019, AND OTHER UNKNOWN BUILDING RENOVATIONS/ADDITIONS
<b>PROJECT DESCRIPTION:</b>	THE SCOPE INCLUDES A GROUP A-3 OCCUPANCY BUILDING ADDITION IN THE SAME LOCATION OF THE DEMOLISHED PORTION, UTILIZING EXISTING FLOOR AND FOUNDATION WALLS. THE ONLY ADDITIONAL FOOTPRINT IS A 3-STOP ELEVATOR ADDITION MAKING ALL LEVELS ACCESSIBLE WHERE THE BASEMENT IS NOT CURRENTLY. THE SCOPE ALSO INCLUDES LEVEL 2 ALTERATION WHERE EXISTING BUILDING IS BEING MODIFIED. ONE EXISTING EXIT ACCESS STAIR IN THE STORAGE BASEMENT IS BEING ELIMINATED AND ONE EXIT STAIR IS BEING MODIFIED TO EXIT THROUGH 2 HOUR RATED ENCLOSURE WHERE NONE EXIST TODAY.
<b>GENERAL TYPE OF PROJECT:</b>	BUILDING ADDITION LEVEL 2 ALTERATION
<b>AUTOMATIC SPRINKLER SYSTEM:</b>	ALL AREAS EFFECTED BY THE ADDITION/REMODEL WILL BE FULLY SPRINKLED. SPRINKLING ENTIRE BUILDING IS ANTICIPATED PER SCHEDULE IN CODE VARIANCE C-3-31-2018 GIVEN IN PRIOR PROJECT.
<b>AUTHORITIES HAVING JURISDICTION &amp; APPLICABLE REGULATIONS:</b>	CITY OF MADISON, WI Wisconsin Commercial Building Code 2015 IBC (plus amendments) 2015 International Existing Building Code NFPA 13 - Fire Protection 2017 SPS 318, Elevators, Escalators and Lift Devices ASME A17.1-2013, ASME A18.1-2011 2017 National Electrical Code 2015 International Energy Conservation Code ASHRAE 90.1-2013 2015 IBC (chapter 11) and 2009 ICC/ANSI A117.1 2015 International Mechanical Code (plus amendments) 2015 International Fuel Gas Code (plus amendments) 2016 Wisconsin Commercial Building Code Chapters SPS 380-387 Plumbing
<b>OTHER APPLICABLE REGULATIONS:</b>	2010 ADA STANDARDS FOR ACCESSIBLE DESIGN <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
<b>ENERGY CONSERVATION:</b>	ENERGY CODE ASHRAE 90.1-2016 CLIMATE ZONE 6 COMPLIANCE PATH PREScriptive
<b>TYPES OF CONSTRUCTION - BUILDING 2:</b>	CONSTRUCTION TYPE(S) IBC (Chapter 6) II-B FIRE WALLS/BUILDING SEPARATIONS SEE CODE PLANS
<b>BUILDING HEIGHT:</b>	EXISTING NO. STOREYS: 3 (NO CHANGES TO THIS) EXISTING BUILDING HEIGHT: 53'-0" - ACTUAL, ALLOWABLE 75'-0" (NO CHANGES TO THIS WITH THIS PROJECT)
<b>ADDITION SEPARATED FROM BUILDING 1, 3, AND 4 WITH A 2 HOUR FIRE WALL. THE EXISTING AREAS HAVE NOT CHANGED, AS WE ARE BUILDING ON EXISTING FOUNDATIONS OTHER THAN THE ELEVATOR ADDITION, WHICH WAS ALLOWED PER PRIOR VARIANCE WITH THE PRIOR ELEVATOR PROJECT.</b>	
<b>ALLOWABLE AREA PER FLOOR - BUILDING 2:</b>	ALLOWABLE AREA FACTOR NS (from table 506.2) 9.500 SPRINKLER INCREASE 28.500 506.2.3 Single-Occupancy, Multistory Building for Occupancy Classification A FRONTAGE INCREASE $A_n = (28.500 - (9.500 \times 27))$ 2.565 TOTAL ALLOWABLE AREA/FLOOR 31,065
<b>ACTUAL AREA PER FLOOR - BUILDING 2:</b>	BASEMENT FLOOR BUILDING 2 (A-3 OCC.) 15,300 31,065 PROJECT AREA 292 GSF ELEVATOR ADDITION AND RATED OPENING UPGRADES
<b>MECHANICAL MEZZANINE BUILDING 2 (A-3 OCC.):</b>	PROJECT AREA MECHANICAL EQUIPMENT UPGRADES ONLY
<b>GROUND FLOOR BUILDING 2 (A-3 OCC.):</b>	ACTUAL 32,384 31,065 NO CHANGE TO EXISTING FLOOR AREA APART FROM 213 GSF ELEVATOR ADDITION SIMILAR TO PRIOR VARIANCE C-3-31-2018, ALSO APPLIED FOR VARIANCE WITH MEETING MARCH 2022 PROJECT AREA 213 GSF ELEVATOR ADDITION, RATED OPENING AND EXIT STAIR UPGRADES, 10,891 GSF COMMONS ADDITION ON EXISTING FLOOR AND FOUNDATION WALL
<b>FIRST FLOOR BUILDING 2 (A-3 OCC.):</b>	ACTUAL 8,978 GSF (OMIT GYM AND COMMONS MEZZANINES PER IBC 505) PROJECT AREA 213 GSF ELEVATOR ADDITION, RATED OPENINGS AND EXIT STAIR UPGRADES, 1,991 SF COMMONS STUDENT LOUNGE MEZZANINES
<b>SECOND FLOOR:</b>	ACTUAL 7,380 31,065 NOT IN SCOPE
<b>OCCUPANCY AND MIXED USE IN AREA OF SEPARATION:</b>	OCCUPANCIES (IBC CH 3 & 4) A-3 / E YES NO NONSEPARATED OCCUPANCIES? (IBC Section 508) <input type="checkbox"/> <input checked="" type="checkbox"/> SEPARATED OCCUPANCIES? (IBC Section 508) <input checked="" type="checkbox"/> ACCESSORY OCCUPANCIES? (IBC Section 508) <input checked="" type="checkbox"/> FIRE BARRIER RATING(S) (Section 707) SEE CODE PLANS

**SYMBOLS LEGEND - CODE PLAN**

	SMOKE PARTITION (IBC 710)
	1 HR FIRE RATED ASSEMBLY WITH SMOKE PROTECTION (IBC 710)
	2 HR FIRE RATED ASSEMBLY WITH SMOKE PROTECTION (IBC 710)
	FIRE WALL (IBC 706)
	OCCUPANT LOAD SERVED BY DOOR OR STAIR REQUIRED AND PROVIDED EGRESS WIDTH
	EXIT
	EXIT DISCHARGE
	HORIZONTAL EXIT
	LOCKED - CARD READER ACCESS
WHERE USED, ARROW INDICATES DIRECTION OF EGRESS	
	FIRE EXTINGUISHER & CABINET
	MEANS OF EGRESS
	CONSTRUCTION LIMITS
	OCCUPANCY SEPARATION
	EGRESS PATH (SURROUNDING SYMBOLS INDICATE RATING AND DAMPER REQUIREMENTS)
	EXIT PASSAGEWAY (SURROUNDING SYMBOLS INDICATE RATING AND DAMPER REQUIREMENTS)
	SHAFT (SURROUNDING SYMBOLS INDICATE RATING AND DAMPER REQUIREMENTS. FIRE DAMPER REQUIRED AT BOTTOM OF SHAFT)

**PLUMBING REQUIREMENTS, EXISTING TOTAL BUILDING OCCUPANT LOAD TO REMAIN THE SAME AS EXISTING. ADDED 2 ADDITIONAL WOMEN'S WATER CLOSETS AND ONE ADDITIONAL LAVATORY ON GROUND FLOOR IN THE COMMONS ALONG WITH 2 SERVICE SINKS IN THE GRAB AND GO. THE SCHOOL PROVIDES ADJACENT TOILET ROOMS IN BUILDING 2 AND ADJACENT ATTACHED BUILDINGS 1, 3, AND 4.**

<b>FIRE-RESISTIVE REQUIREMENTS - BUILDING 2:</b>	YES NO		
FIRE RESISTIVE CORRIDORS? (IBC Table 1020.1)	<input checked="" type="checkbox"/>		
<b>STRUCTURAL FRAME:</b>	(IBC Table 1020.1)		
COLUMNS	0		
GRIDDERS	0		
TRUSSES	0		
<b>BEARING WALLS:</b>			
EXTERIOR BEARING WALLS	0		
INTERIOR BEARING WALLS	0		
<b>NON-BEARING WALLS AND PARTITIONS:</b> (IBC Table 602 and Section 602.4)			
EXTERIOR	0		
INTERIOR	See Code Plans, RC Plans, & Spec		
<b>FLOOR CONSTRUCTION:</b>			
FLOOR/CEILING ASSEMBLY	See Code Plans, RC Plans, & Spec		
PRIME & SEC. FLOOR BEAMS, JOISTS	See Code Plans, RC Plans, & Spec		
<b>ROOF CONSTRUCTION:</b>			
ROOF/CEILING ASSEMBLY	0		
PRIME & SEC. ROOF BEAMS, JOISTS	0		
<b>OTHER:</b>			
SHAFTS AND EXIT PASSAGEWAYS (IBC Table 602.4)	2 HR / 1 HR		
EXTERIOR DOORS AND WINDOWS (IBC Table 602.4)	0		
<b>RISK CATEGORY - BUILDING 2 (IBC 1604.5):</b>			
RISK CATEGORY III - ASSEMBLY/EDUCATION			
<b>INTERIOR FINISHES CLASSIFICATION:</b> (Table 603.1.1 & Section 604)			
OCCUPANCY	EXITS	CORRIDORS	ROOMS
A-3	CLASS I	CLASS I	CLASS I
B	CLASS II	CLASS II	CLASS II
	CLASS III	CLASS III	CLASS III
	CLASS IV	CLASS IV	CLASS IV
	CLASS V	CLASS V	CLASS V
<b>MEANS OF EGRESS:</b>			
EXIT ACCESS TRAVEL DISTANCE	250 FT		
A. E. F-1, M, R, S-1	300 FT		
B			
COMMON PATH OF TRAVEL	75 FT SPRINKLED		
A. E. M OCCUPANCIES	100 FT SPRINKLED		
B AND S OCCUPANCIES			
<b>EGRESS WIDTH:</b>			
STAIRWAYS	3" PER OCCUPANT		
OTHER COMPONENT	2" PER OCCUPANT		

**EDGEWOOD HIGH SCHOOL**  
OF THE SACRED HEART

EDGEWOOD HIGH SCHOOL  
COMMONS  
ADDITION

1 S. Pinckney St., Ste. 500  
Madison, WI 53703  
608.629.3701  
bwbr.com

**IMEG**

**STRAND ASSOCIATES**

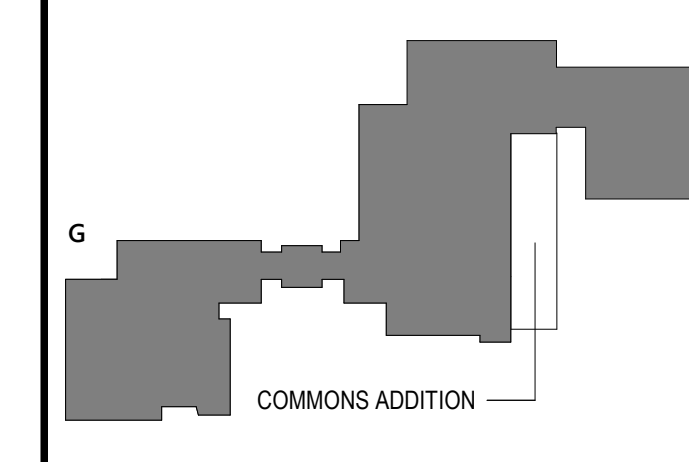
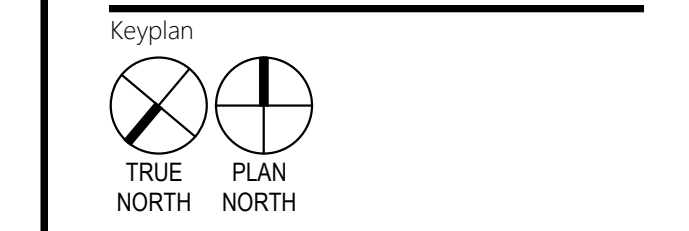
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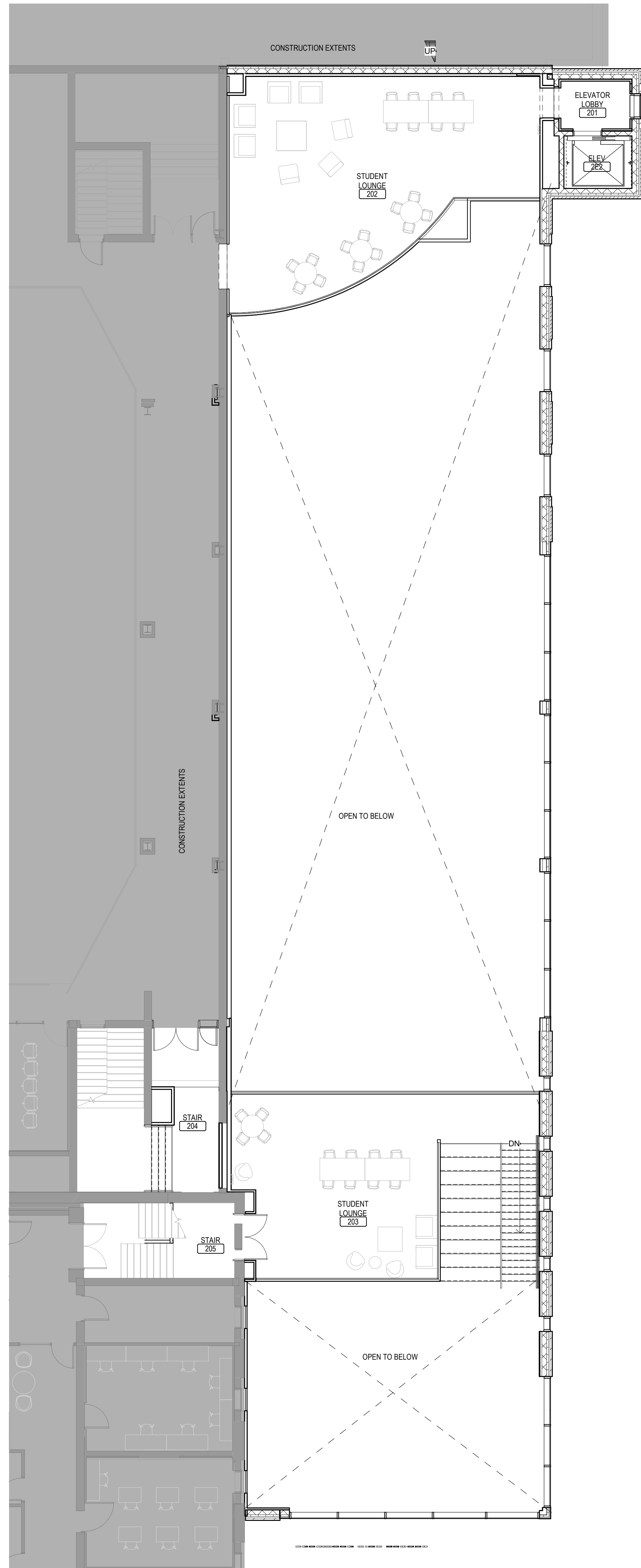
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**GROUND LEVEL FIRE AND LIFE SAFETY DRAWINGS, CODE SUMMARY AND SYMBOLS**

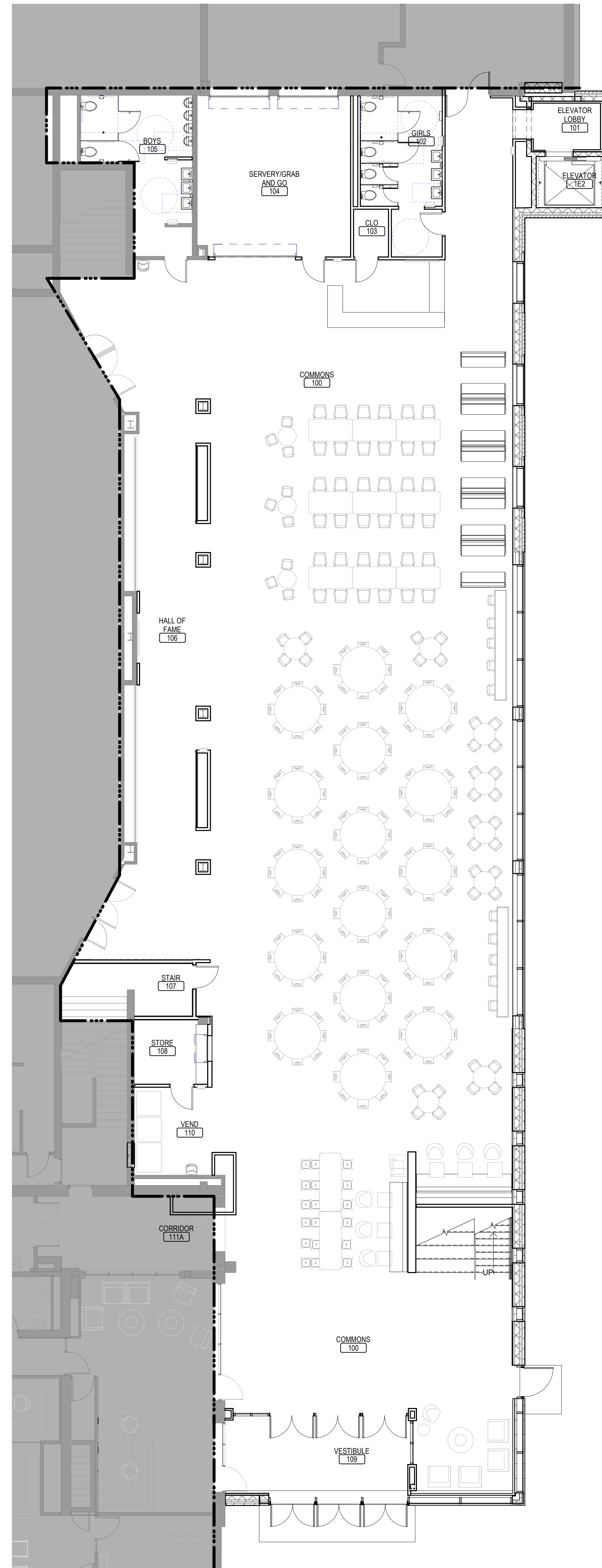
Sheet No.  
**101.CO**







**2H** LEVEL ONE - FURNITURE PLAN FOR REFERENCE ONLY  
 401.SY 1/8" = 1'-0"



**5H** GROUND LEVEL - FURNITURE PLAN FOR REFERENCE ONLY  
 401.SY 1/8" = 1'-0"

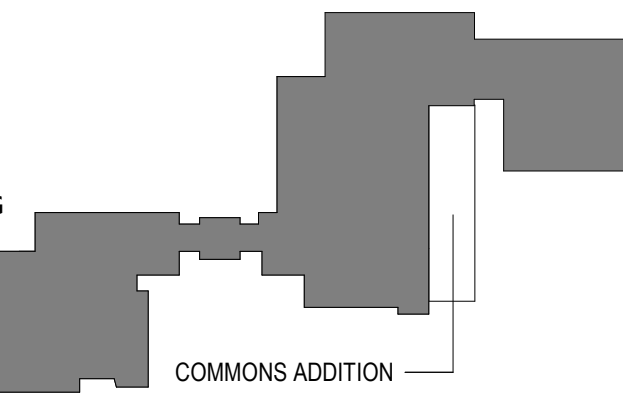


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Sheet Title  
**GROUND AND FIRST FLOOR - FURNITURE PLANS**

Sheet No.  
**401.SY**



COMPREHENSIVE PERSPECTIVE VIEW OF NEW WALLS AND ROOF (NOT TO SCALE)



PERSPECTIVE VIEW FROM MONROE STREET - NOT TO SCALE



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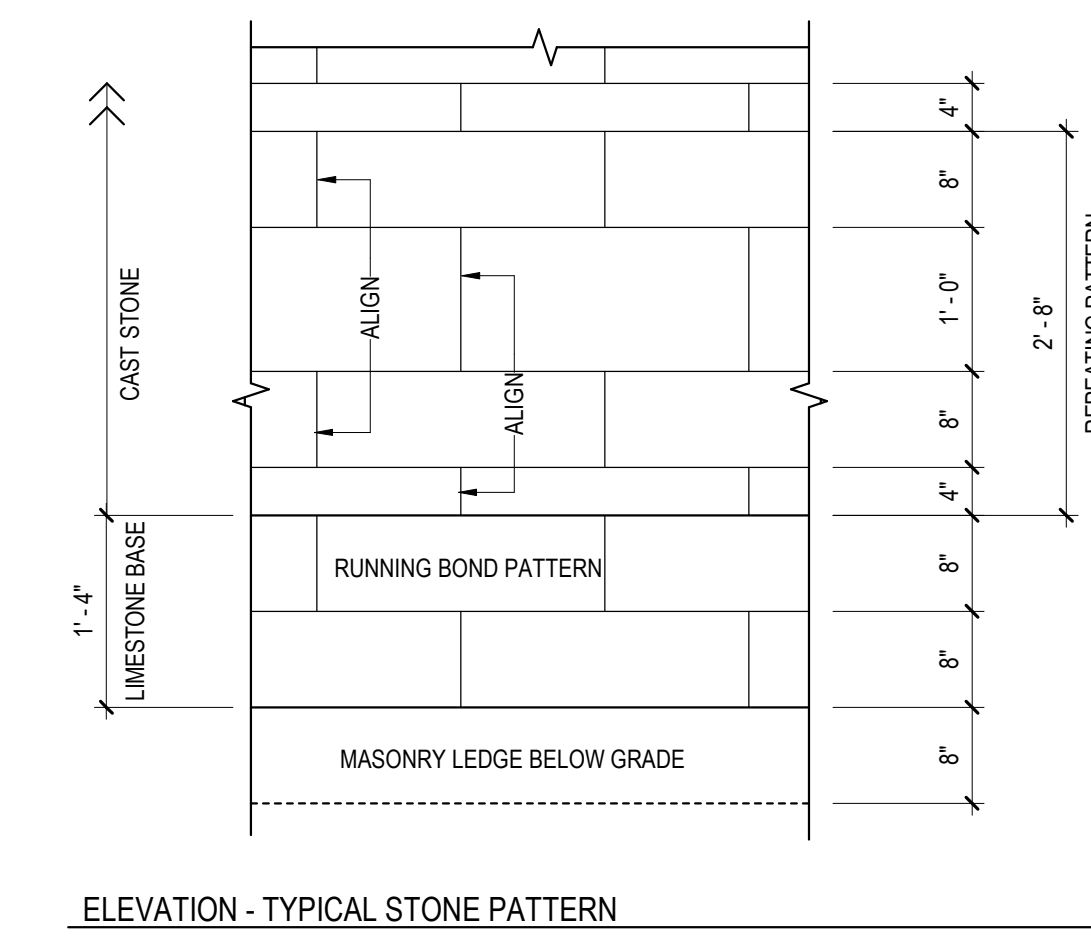
Keyplan

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3.2020109.00 BT  
Sheet Title  
**BUILDING ELEVATIONS**

Sheet No.  
**A-3**

**SYMBOLS LEGEND - EXTERIOR ELEVATION**

EXISTING BUILDING		CURTAIN WALL TAG	
BRICK (MATCH EXISTING PATTERN)		STOREFRONT TAG	
CAST STONE (STN-1)		WINDOW TAG	
LIMESTONE BASE (STN-2)		LOUVER TAG	
METAL PANEL			



**KEYNOTES - EXTERIOR ELEVATION**

REV	DESCRIPTION	NOTE: NOT ALL KEYNOTES MAY BE USED ON EACH DRAWING
EE01	EXPANSION JOINT - SEE STRUCTURAL	
EE02	RELOCATED TERRA COTTA PANEL, OWNER TO VERIFY TERRACOTTA PIECE FROM ATTIC STOCK TO BE INSERTED	
EE03	MASONRY CONTROL JOINT	
EE04	MASONRY LEDGE	
EE05	INFILL EXISTING WINDOW WITH SALVAGED BRICK FROM ATTIC STOCK OF 1925 BUILDING	
EE06	ROOFTOP UNIT - SEE MECHANICAL	
EE07	MASONRY RELIEVING ANGLE - SEE STRUCTURAL	
EE08	WALL MOUNTED ROOF ACCESS STAIR WITH GUARDRAIL	
EE09	ROOF DRAIN OUTLET	
EE10	SIGNAGE LOGO, CFC1: PROVIDE EXTERIOR CUSTOM LIGHTED FACE LED DIMENSIONAL LETTERS AND LOGO. COORDINATE FONT, HEIGHT AND STYLE WITH SELECTED VENDOR AND OWNER. COLOR TO BE TRANSLUCENT WHITE. PROVIDE DETAILED SHOP DRAWINGS. SIGNAGE ENGINEERED BY SIGNAGE CONSULTANT.	
EE11	METAL PANEL JOINT - ALIGN WITH CENTERLINE OF MULLION - TYPICAL	
EE12	PREFINISHED METAL COPING - GRAY TO MATCH EXISTING COPING	
EE13	MP101 CANOPY AND FASCIA	
EE14	MP102 FASCIA	
EE15	PREFINISHED METAL COPING TO MATCH MP101	
EE16	REMOVE AND SALVAGE TERRA COTTA PANEL BELOW EXISTING WINDOW - SEE DETAIL 39-500 FOR ADDITIONAL INFORMATION	
EE17	TERRA COTTA PANEL TO REMAIN	
EE18	INFILL BRICK RECESS AT EXISTING WINDOW WITH BLOCKING, ROOFING AND METAL FLASHING ABOVE ROOF - SEE SHEET 500 FOR ADDITIONAL INFORMATION	
EE19	OVERFLOW SCUPPER	
EE20	BRICK SOLDIER COURSE - AT TRANSITION FROM EXISTING BRICK TO NEW BRICK	
EE21	BRICK RECESSED 1"	
EE22	METAL (MP104) PANEL TO MATCH CW	

