

Development Services

From Concept to Construction

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More Contact Info (<http://www.portlandoregon.gov/bds/article/519984>)



APPEAL SUMMARY

Status: Decision Rendered - Held over from ID 20102 (3/13/19) for additional information

Appeal ID: 20231	Project Address: 2151 NW Savier St
Hearing Date: 4/10/19	Appellant Name: Richard Dobrot
Case No.: B-027	Appellant Phone: 503.224.9656
Appeal Type: Building	Plans Examiner/Inspector: Brian Quattlebaum
Project Type: commercial	Stories: 4 Occupancy: B Construction Type: II-A
Building/Business Name:	Fire Sprinklers: Yes - Throughout
Appeal Involves: Reconsideration of appeal	LUR or Permit Application No.: 18-252861-LU
Plan Submitted Option: pdf [File 1]	Proposed use: OFFICE

APPEAL INFORMATION SHEET

Appeal item 1

Code Section 1985 UBC Sec 3305 (g) Corridor Construction

Requires Building was permitted under 1985 UBC which required corridors to be one-hour fire-resistive construction.

Proposed Design Proposed Design for non-rated corridors would include the replacement of existing fire sprinkler heads (standard response type) with quick-response fire sprinkler heads throughout the building in accordance with OSSC 2014 Sec 903.1.1 and NFPA 13.

RECONSIDERATION TEXT

The existing office building is currently vacant and will remain so until Core & Shell Improvements and future Tenant Improvements are submitted and approved for occupancy (see Exhibits 1-10). The proposed design is to comprehensively review the life safety requirements of the building and more broadly request that the 2014 OSSC life safety requirements be adopted for future building permits at this location.

The attached Code Comparison Matrix (Exhibit 1) describes a point-by-point comparison of the essential code requirements (1985 UBC to 2014 OSSC), indicating known deficiencies and the proposed modifications (and timing of modifications) to be made in order to comply with current code.

Reason for alternative To provide better continuity between lobbies, restrooms and office tenant spaces we propose to remove the existing rated corridors to accommodate future single and multi-tenant configurations, and allow for non-rated walls, doors and relites where corridors might remain. Providing quick-response fire sprinklers would bring corridor construction into compliance with the 2014 OSSC Table 1018.1 Code requirements, which allows for non-rated corridors when the building is fully sprinklered in accordance with Section 903.3.1.1 and NFPA 13.

The existing building is roughly 160,000 square feet on 4 above grade levels (see Exhibits for typical floor plan)

RECONSIDERATION TEXT

A comprehensive upgrade to the building life safety systems will provide better compliance with 2014 OSSC requirements and will provide better life safety and fire protection than what was required under the original code in force at the time of the building's construction. The Code Comparison Matrix is updated to reflect items that are being appealed separately as requested. We respectfully request that this appeal be granted to adopt the 2014 OSSC as the applicable building code for this building as outlined in Exhibit 1.

APPEAL DECISION

Determination of existing construction of Uniform Building Code structure as meeting requirements of the 2014 OSSC: Granted provided full building compliance to fire alarm and suppression systems to be completed within 5 years.

Appellant may contact John Butler (503 823-7339) with questions.

The Administrative Appeal Board finds with the conditions noted, that the information submitted by the appellant demonstrates that the approved modifications or alternate methods are consistent with the intent of the code; do not lessen health, safety, accessibility, life, fire safety or structural requirements; and that special conditions unique to this project make strict application of those code sections impractical.

Pursuant to City Code Chapter 24.10, you may appeal this decision to the Building Code Board of Appeal within 180 calendar days of the date this decision is published. For information on the appeals process and costs, including forms, appeal fee, payment methods and fee waivers, go to www.portlandoregon.gov/bds/appealsinfo, call (503) 823-7300 or come in to the Development Services Center.

Code Comparison Matrix

APRIL 5, 2019

		1985 UBC (with 1986 Oregon Amendments)		2014 OSSC		Schedule of Proposed Improvements - Core & Shell Improvements to be completed by Jan 1, 2021. Tenant Improvements (changes within tenant spaces) will be provided as each space is permitted for occupancy, with full building compliance of noted items within 5 years.	
No.	Provision	UBC Code Section	Requirements	OSSC Code Section	Requirements	Compliance Status or Code to govern	Path to Compliance
							No changes are proposed unless noted otherwise.
1	CONSTRUCTION TYPE	Sec 1901	Type II FR		Type IIA	IIA	
2	OCCUPANCY TYPES	Sec 501; 701	Mixed Use; B-2 Office; A-3	Ch 3	Mixed Use; B, A-2, A-3, S-2	B, A-3, S-2	
	BUILDING HEIGHT AND AREA						
	Location on Property	Sec 504(a)	30 ft typical separation on all sides	506.2	30 ft typical separation on all sides	2014 OSSC	
3	Building Area	Table 5-C	Based on most restrictive Occupancy - 29,900 sf (A-3)	Table 503	Based on most restrictive Occupancy - 15,500 sf (A-3)	2014 OSSC	
	Basic Allowable Area	Sec 505 (b)	x 2 = 59,800 sf				
	Allowable Area Increases	Sec 506 (a).3 Frontage increase	59,800 + 29,900 = 89,700 sf	506.1 frontage and sprinkler increases	A _G = 58,125 sf	Actual Area = 30,918 sf	
		Sec 506(c) Automatic Sprinkler System	89,700 x 2 = 179,400 sf	506.5.2	Aggregate sum of actual area divided by allowable area of each story shall be less than 3. See below.	non-compliant sprinkler heads	See notes under Automatic Sprinkler system
	Actual Floor Area						
	Basement	not incl. in allowable area	30,068	not incl. in allowable area per OSSC 506.5	30,068		
	Floor 1		28,814		28,814	28814 / 58,125 = .50	
	Floor 2		30,260		30,260	30260 / 58,125 = .52	
	Floor 3		30,918		30,918	30,918 / 58,125 = .53	
	Floor 4		30,918		30,918	30,918 / 58,125 = .53	
	Total		120,910		120,910	Total = 2.08	
						2.08 < 3.00 Compliant	
4	Building Height						
	Max Allowable height	Table 5-D	160 ft	Table 503	65 + 20 ft (sprinkler increase) = 85 ft	2014 OSSC	See notes under Automatic Sprinkler system
	Actual Building Height		71'-7" to top of parapet (79'-1" to top of mech penthouse parapet)	Table 503	71'-7" to top of parapet (79'-1" to top of mech penthouse parapet)	Compliant	
5	Stories	Table 5-D	(Group A-3) 4 stories +1 (sprinkler increase) = 5 stories	Table 503	(Group A-3) 3 stories + 1 (sprinkler increase) = 4 stories	2014 OSSC	
	Actual Stories		4 stories above grade		4 stories above grade	2014 OSSC	See notes under Automatic Sprinkler system
6	FIRE RESISTIVE CONSTRUCTION						
		Table 17-A	Type II FR	Table 601	TYPE II A	2014 OSSC	
	Exterior Bearing Walls	Sec 1903(a) Exception 2	2-hour (where openings permitted)	Table 601	1-hour	Compliant	
	Interior Bearing Walls	Table 17-A	2-hour	Table 601	1-hour	Compliant	
	Exterior Non-bearing Walls	Sec 1903(a) Exception 3	1-hour if separated by 30 ft	Table 602	0-hour (30 ft or more separation)	Compliant	
	Structural Frame	Table 17-A	2-hour	Table 601	1-hour	Compliant	
	Permanent Partitions	Table 17-A	1-hour	Table 601	0	Compliant	
	Shaft Enclosures	Table 17-A	2-hour	Table 601	2-hour	Compliant	
	Floors/Ceilings	Table 17-A	2-hour	Table 601	1-hour	Compliant	
	Roofs/Ceilings	Table 17-A	1-hour	Table 601	1-hour	Compliant	
	Penthouses & Roof Structures	3601(d) Exception 3	unprotected non-combustible construction	1509.2	non rated	Compliant	
	Exterior Doors & Windows	Sec 1903(b)	Distance to Prop line > 20 ft = non rated exterior openings	Table 602	non rated	Compliant	
	Stairway Protection	Sec 3309(b)	2-hour	1022.2	2-hour	Compliant	
	Occupancy Separation	Table 5-B	Not required	508.3	Not required	Compliant	
	Min. Roof Covering Class	Sec 3202	Fire Retardant - Class B	Table 1505.1	Class B	Compliant	

No.	Provision	UBC Code Section	Requirements	OSSC Code Section	Requirements	Compliance Status or Code to govern	Path to Compliance
	Raised Access Floors		fire/draft stopping not required in non-combustible construction between the fire-resistive rated floor in the raised floor level.	718.1	fire/draft stopping not required in non-combustible construction between the fire-resistive rated floor in the raised floor level.	Compliant	
7	MEANS OF EGRESS						
	Occupant Load	Table 33-A		Table 1004.1.2			
		Sec 3302 (a)	Exception to exclude accessory use areas	Ch 2 definitions	Floor Area, Gross	2014 OSSC	
	Exit Width	Sec 3303 (b)	total occupant load served / 50	1005.3.1; 1005.3.2	Stair width (inches) = # of Occupants x 0.3 Door width = Occupant load x 0.2	See below	see below
				Exception for Sprinklers and Voice Alarm	Stair width (inches) = # of Occupants x 0.2 Door/Other Egress Component width = # of Occupants x 0.15	Egress widths comply with 2014 OSSC using exception for reduced width factor	Voice annunciation system to be installed at common areas (elevator lobbies, corridors, restrooms) with Core & Shell Improvements; Voice alarms within tenant spaces will be added with future Tenant Improvements as each space is permitted for occupancy. FULL BUILDING COMPLIANCE TO BE COMPLETED WITHIN 5 YEARS.
	Exit Separation	Sec 3303 (c.)	1/2 the distance of the longest diagonal	1015.2.1	1/2 the distance of the longest diagonal	see below	see below
				Exception 2	1/3 the distance of the longest diagonal	2014 OSSC	See notes under Automatic Sprinkler system below
	Travel Distance	Sec 3303 (d)	200 ft	Table 1016.2	300 ft (B Occupancy); 250 ft (A occupancy)	Compliant	
	Intervening Rooms	Sec 3303 (e.)	Rooms may have one exit thru an adjoining or intervening room	1014.2	Rooms may exit thru an adjoining or intervening room that is accessory and has clear path of travel.	Compliant	
	Corridor Width	Sec 3305 (b)	44 inches min.	Table 1018.2	44 inches min.	Compliant	
	Dead-end Corridor	Sec 3305 (e.) 2	20 ft	1018.4	20 ft	see below	see below
		Exception for B-2 Occ.	30 ft	Exception 2	50 ft	non-compliant sprinkler heads	See notes under Automatic Sprinkler system below
	Corridor Construction	Sec 3305 (g)	1-hour fire-resistive construction	Table 1018.1	Non-rated with sprinkler system	non-compliant sprinkler heads	See notes under Automatic Sprinkler system below
	Corridor Openings	Sec 3305 (h)	Smoke gasketed, min 20 min rated, self closing or automatic closing by actuation of a smoke detector	Table 1018.1	Non-rated with sprinkler system	non-compliant sprinkler heads	See notes under Automatic Sprinkler system below
	Stair width	Sec 3306 (b)	44 inches min.	1009.4	44 inches min.	Compliant	
	Stair Handrails	3306(J)	30 to 34 inches above nosing of treads.	1012.2	34 to 38 inches above stair tread nosing.	non-compliant	EXISTING HANDRAILS TO BE APPEALED SEPARATELY. New handrails shall comply with current code.
	Stair Guardrails	Sec 1711	42 inches tall with 6 inch sphere intermediate rail spacing. The height of stair railings on open sides may be as specified in Section 3306 (J) in lieu of providing a guardrail.	1013.3	42 inches tall with 4 inch sphere intermediate rail spacing.	non-compliant	EXISTING GUARDRAILS TO BE APPEALED SEPARATELY. New guardrails shall comply with current code.
	Stair Enclosure	Sec 3309 (b)	2-hour	1022.2	2-hour	Compliant	
	Stair Enclosure Openings	Sec 3309 (c.)	90 min, self closing or automatic closing by actuation of a smoke detector	1022.4; 716	90 min, self closing or automatic closing by actuation of a smoke detector	Compliant	
	Stair Enclosure Extent	3309 9(a) Exception for B-2 Occ.	May have a maximum of 50% of exits discharge thru street floor lobby provided req'd exit width is free an unobstructed and entire street floor is protected with an automatic sprinkler system.	1027.1	Maximum 50% of number and capacity of the required exits may discharge thru street floor lobby provided req'd exit width is free and unobstructed and entire street floor is protected with an automatic sprinkler system and separated from areas below by 2-hr rating.	non-compliant sprinkler heads to be replaced (see automatic sprinkler system below)	STAIR 2 EXIT THRU GROUND FLOOR LOBBY TO BE APPEALED SEPARATELY.

No.	Provision	UBC Code Section	Requirements	OSSC Code Section	Requirements	Compliance Status or Code to govern	Path to Compliance
	Exit Illumination	Sec 3313 (a)	1 fc min	1006.1	1 fc min	2014 OSSC	Existing conditions will be checked for compliance and corrected if necessary. Future Improvements will comply with current code.
	Unlimited Corridor Glass	Sec 3305 (h) 2	Glass not to exceed 25% of the area of the corridor wall of the room which it is separating from the corridor		Allowed by Code	Compliant	Existing (and future) interior glass at corridors complies with current code.
	Tenant spaces with one exit	Table 33-A	3,000 square foot maximum - Office space	Table 1015.1	Max Occupant Load for one exit = 49 occ. (A, B occupancies = 4900 sf tenant space)	Compliant	
	Cascading egress	Sec 3303(a)	egress stairs required to cascade load from floors above	1005.3.1	Cascading egress not required	2014 OSSC	
	Accessible Means of Egress	Ch 31	not addressed; elevators provide handicap access to all floors	1007.1	Exception 1, Accessible Means of Egress are not required in alterations to existing buildings	2014 OSSC	
FIRE PROTECTION SYSTEMS							
9	Automatic Sprinkler System	Ch 38	Building is fully sprinklered in accordance with NFPA 13-1980.	903.3.2	Quick response sprinkler heads to be installed in Light-hazard occupancies	non-compliant sprinkler heads	Replace existing fire sprinkler heads with quick response heads in common areas (elevator lobbies, corridors, restrooms, stairs) and new permitted occupancies with Core & Shell Improvements; Fire Sprinkler heads within office tenant spaces will be replaced as individual tenant spaces are permitted for occupancy. FULL BUILDING COMPLIANCE TO BE COMPLETED WITHIN 5 YEARS.
	Standpipes	Table 38-A	Class I (or III)	905.3.1	Class III (or I)	2014 OSSC	
	Standpipe hose connection location	3805(c.)	At floor level in stairways	905.4	At intermediate stair landings. (2019 OSSC may require standpipes at floor level).	1985 UBC or 2019 OSSC	STANDPIPE LOCATIONS TO BE APPEALED SEPARATELY.
10	Fire Alarm System	3803	Fire sprinkler alarm required	907.2.2	One Manual Fire Alarm box is required in an approved location to initiate a fire alarm signal for fire alarm systems employing automatic fire detectors or waterflow detection devices when building is equipped throughout with an automatic sprinkler system and occupant notification appliances that activate upon sprinkler flow.	non compliant	New Fire Alarm Panel to be installed with Core & Shell Improvements. New panel will accommodate all future smoke detector installations and will incorporate occupant notification devices. FULL BUILDING COMPLIANCE TO BE COMPLETED WITHIN 5 YEARS.
11	Smoke Detection	4306.(b); 3310(a);	Required at automatic-closing or self-closing fire assemblies; return air ducts; elevator lobbies.	907	Required in elevator lobbies; elevator equipment rooms; mech and elec, and tel rooms; main return air duct and exhaust air plenums > 2000 cfm; return air risers or ducts serving 2 or more floors	2014 OSSC	Smoke detection to be added/maintained at common areas as required with Core & Shell Improvements; Smoke detection within office tenant spaces will be added with future Tenant Improvements as required when each space is permitted for occupancy. FULL BUILDING COMPLIANCE TO BE COMPLETED WITHIN 5 YEARS.

No.	Provision	UBC Code Section	Requirements	OSSC Code Section	Requirements	Compliance Status or Code to govern	Path to Compliance
12	Voice Annunciation		Not required	1005.3.1 and 1005.3.2.2 Exception for reduced width factor	Alarm activated voice annunciation is required	non-compliant	Voice annunciation system will be added with Core & Shell Improvements. Voice annunciators to be installed at common areas (elevator lobbies, corridors, restrooms) with Core & Shell Improvements; Voice annunciators within tenant spaces will be added with future Tenant Improvements as each space is permitted for occupancy. FULL BUILDING COMPLIANCE TO BE COMPLETED WITHIN 5 YEARS.
13	Visible Alarms		Not required	907.5.2.3	Not required in alterations	2014 OSSC	Visual strobes will be added at common areas with Core & Shell Improvements; Visual strobes will be added within tenant spaces with future Tenant Improvements as each space is permitted for occupancy. FULL BUILDING COMPLIANCE TO BE COMPLETED WITHIN 5 YEARS.
14	Emergency Power	3313	Building is required to have emergency power for FLS systems.	1006.3, 1011.6.3	Building is required to have emergency power for FLS systems.	2014 OSSC	Existing 50 kw Generator system (with 75 gal fuel tank) located in 2 hr rated enclosure with 2 hour rated supporting structure to the ground.
PLUMBING FIXTURES							
15	Fixture Count	Table 5-E	(B-2 Occ) 150,978 sf / 100 = 1,510 occupants 1510 / 2 = 755 men; 755 women; 3 wc, 2 lavs for first 200 occ 2 wc's, 1 lav for each addtl 100 occ = 15 wc's, 8 lavs for each Men/Women	Table 2902.1	(B Occ) 150,978 sf / 100 = 1,510 occupants. 1510/2 = 755 men; 755 women; Wc's: 1 per 25 for first 50 occ = 2 wc 1 per 50 for remainder = 15 wc; 2+15 = 17 wc total for each Men / Women Lavs: 1 per 40 for first 80 occ = 2 lavs 1 per 80 occ for remainder = 9 lavs 2 + 9 = 11 lavs for each Men / Women	Existing: Women - 24 wc's ; 16 lavs Men - 12 wc's + 8 urinals (equivalent 5.33 wc) = 17.33 wc's; 12 lavs.	Complies with current code
16	Accessible Toilet Facilities	3106	1 facility per floor for M & W; at least one wc, lav, and accessories shall comply	1109.2	Accessible Toilet stall, fixtures, elements, control or dispenser	2014 OSSC / 2010 ADA	Core & Shell Improvements will modify Toilet rooms to comply with current ADA requirements.
						Schedule of Proposed Improvements - Core & Shell Improvements to be completed by Jan 1, 2021. Tenant Improvements (changes within tenant spaces) will be provided as each space is permitted for occupancy, with full building compliance of noted items within 5 years.	

End of Comparison Matrix

EXHIBIT 2

GBD

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STAMP



PROJECT

Cruzan Slabtown
Office Building

2151 NW SAVIER STREET
PORTLAND, OR 97209

CLIENT

CRUZAN SLABTOWN
JV LLC
236 SOUTH SIERRA AVENUE
SOLANA BEACH, CA
92075

REVISIONS

DATE

April 3, 2019

PROJECT NUMBER

20176222

SCALE

AS NOTED

SHEET TITLE

LIFE SAFETY
OCCUPANT
SUMMARY

G000

LEVEL 5 MECHANICAL PENTHOUSE OCCUPANT LOAD				
NAME	OCCUPANCY TYPE	AREA	OCCUPANCY LOAD FACTOR	OCCUPANTS
MECH	S-2	2,350 SF	300	8
ELEV M RM	S-2	550 SF	300	2
FAN RM	S-2	2,105 SF	300	8
GEN RM	S-2	276 SF	300	1
		5,281 GSF	TOTAL	19
LEVEL 4 OCCUPANT LOAD				
NAME	OCCUPANCY TYPE	AREA	OCCUPANCY LOAD FACTOR	OCCUPANTS
OFFICE	B	30,035 SF	100	301
ELECT	S-2	43 SF	200	1
MENS RR	B	255 SF	100	3
WOMENS RR	B	369 SF	100	4
TEL/DATA	S-2	72 SF	200	1
ELECT	S-2	144 SF	200	1
		30,918 GSF	TOTAL	311
LEVEL 3 OCCUPANT LOAD				
NAME	OCCUPANCY TYPE	AREA	OCCUPANCY LOAD FACTOR	OCCUPANTS
OFFICE	B	30,035 SF	100	301
ELECT	S-2	43 SF	200	1
MENS RR	B	255 SF	100	3
WOMENS RR	B	369 SF	100	4
ELECT	S-2	144 SF	200	1
TEL/DATA	S-2	72 SF	200	1
		30,918 SF	TOTAL	311
LEVEL 2 OCCUPANT LOAD				
NAME	OCCUPANCY TYPE	AREA	OCCUPANCY LOAD FACTOR	OCCUPANTS
OFFICE	B	29,377 SF	100	294
ELECT	S-2	43 SF	200	1
MENS RR	B	255 SF	100	3
WOMENS RR	B	369 SF	100	4
ELECT	S-2	144 SF	200	1
TEL/DATA	S-2	72 SF	200	1
		30,260 GSF	TOTAL	304
LEVEL 1 OCCUPANT LOAD				
NAME	OCCUPANCY TYPE	AREA	OCCUPANCY LOAD FACTOR	OCCUPANTS
OFFICE	B	23,956 SF	100	240
LOADING	S-2	1,014 SF	300	4
DATA	S-2	72 SF	200	1
		SUB TOTAL		245
LOBBY	B	1,976 SF	100	20
CORRIDOR	B	913 SF	100	10
MENS RR	B	255 SF	100	3
WOMENS RR	B	369 SF	100	4
ELECT	S-2	144 SF	200	1
ELECT	S-2	43 SF	200	1
		SUB TOTAL		39
		28,742 GSF	TOTAL	284
BASEMENT OCCUPANT LOAD				
NAME	OCCUPANCY TYPE	AREA	OCCUPANCY LOAD FACTOR	OCCUPANTS
OFFICE	B	27,934 SF	100	280
CORE	JAN	S-2	39 SF	1
	ELECT	S-2	102 SF	1
	TEL/DATA	S-2	67 SF	1
	SWITCHGEAR	S-2	290 SF	2
		SUB TOTAL		5
SERVICE	FREIGHT ELEV.	S-2	331 SF	2
	ELEV MR	S-2	126 SF	1
		SUB TOTAL		3
SPRINKLER	S-2	361 SF	200	2
EXTERIOR	B	818 SF	100	9
		30,068 SF	TOTAL	299
TOTAL BUILDING AREA		150,978 GSF		
TOTAL BUILDING OCCUPANT LOAD		1,509		

Exit does not re-enter bldg

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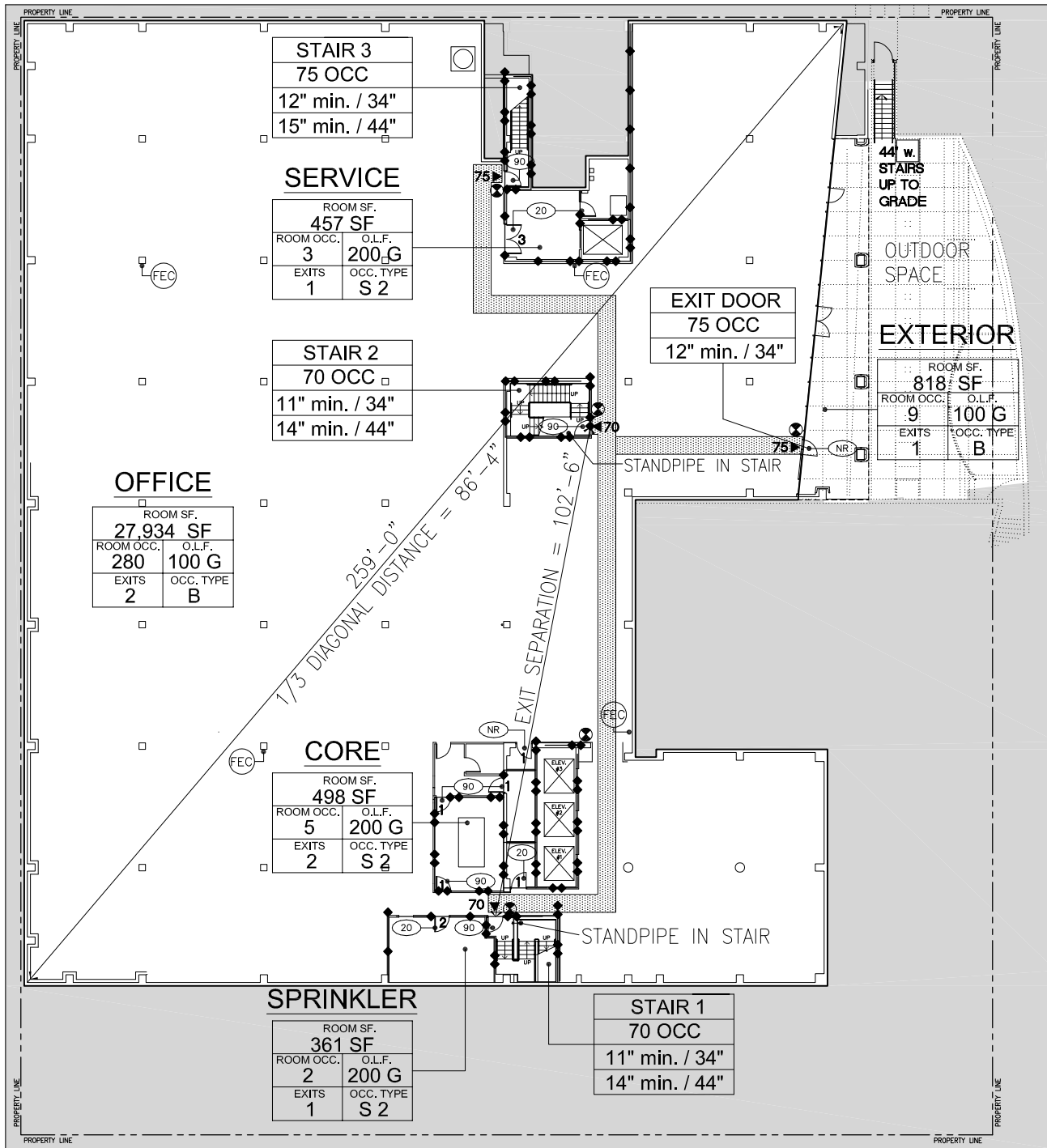
SCALE

AS NOTED

SHEET TITLE

LIFE SAFETY
FLOOR PLANS

G100

**1 BASEMENT LIFE SAFETY PLAN**

1/32" = 1'-0"

LEGEND:

LIGHTED EXIT PATH (MIN. 44" WIDE) W / MIN 1FC. EGRESS LIGHTING TO BE PROVIDED WITH EMERGENCY POWER BACKUP.

1 HOUR RATED ASSEMBLY

2 HOUR RATED ASSEMBLY

EXIT SIGN

RATED OPENING (MINUTES)

FIRE EXTINGUISHER / FIRE EXTINGUISHER CABINET

EXIT WITH LOAD

ROOM OCCUPANT LOAD

STAIR TAG

STAIR	STAIR #
OCC LOAD	OCCUPANT LOAD
Door Width Req'd / Width Provided	OCC LOAD x 0.15
Stair Width Req'd / Width Provided	OCC LOAD x 0.2

ROOM TAG

ROOM SF.	ROOM / AREA SIZE
X SF	
ROOM OCC.	OCCUPANCY LOAD FACTOR
X	
EXITS	OCCUPANCY TYPE
X	

EXHIBIT 4

GBD

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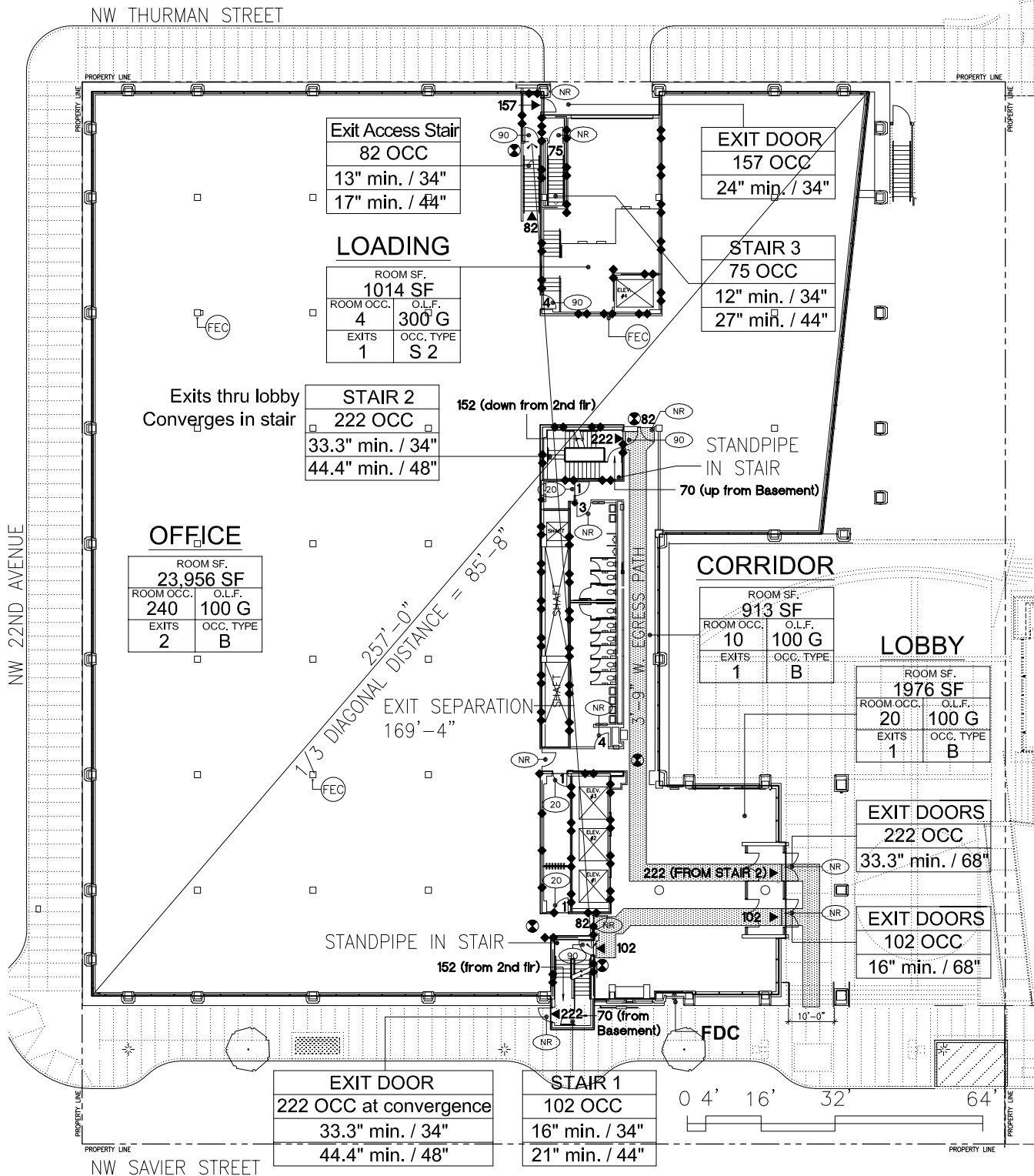
SCALE

AS NOTED

SHEET TITLE

LIFE SAFETY
FLOOR PLANS

G101



1 GROUND FLOOR LIFE SAFETY PLAN

1/32" = 1'-0"

LEGEND:

- LIGHTED EXIT PATH (MIN. 44" WIDE) W/ MIN 1FC. EGRESS LIGHTING TO BE PROVIDED WITH EMERGENCY POWER BACKUP.
- 1 HOUR RATED ASSEMBLY
- 2 HOUR RATED ASSEMBLY
- EXIT SIGN
- RATED OPENING (MINUTES)
- FIRE EXTINGUISHER / FIRE EXTINGUISHER CABINET
- EXIT WITH LOAD
- ROOM OCCUPANT LOAD

STAIR TAG

STAIR	STAIR #
OCC LOAD	OCCUPANT LOAD
Door Width Req'd / Width Provided	OCC LOAD x 0.15
Stair Width Req'd / Width Provided	OCC LOAD x 0.2

ROOM TAG

ROOM SF. X SF	ROOM / AREA SIZE
ROOM OCC. X	OCCUPANCY LOAD FACTOR
EXITS X	OCCUPANCY TYPE

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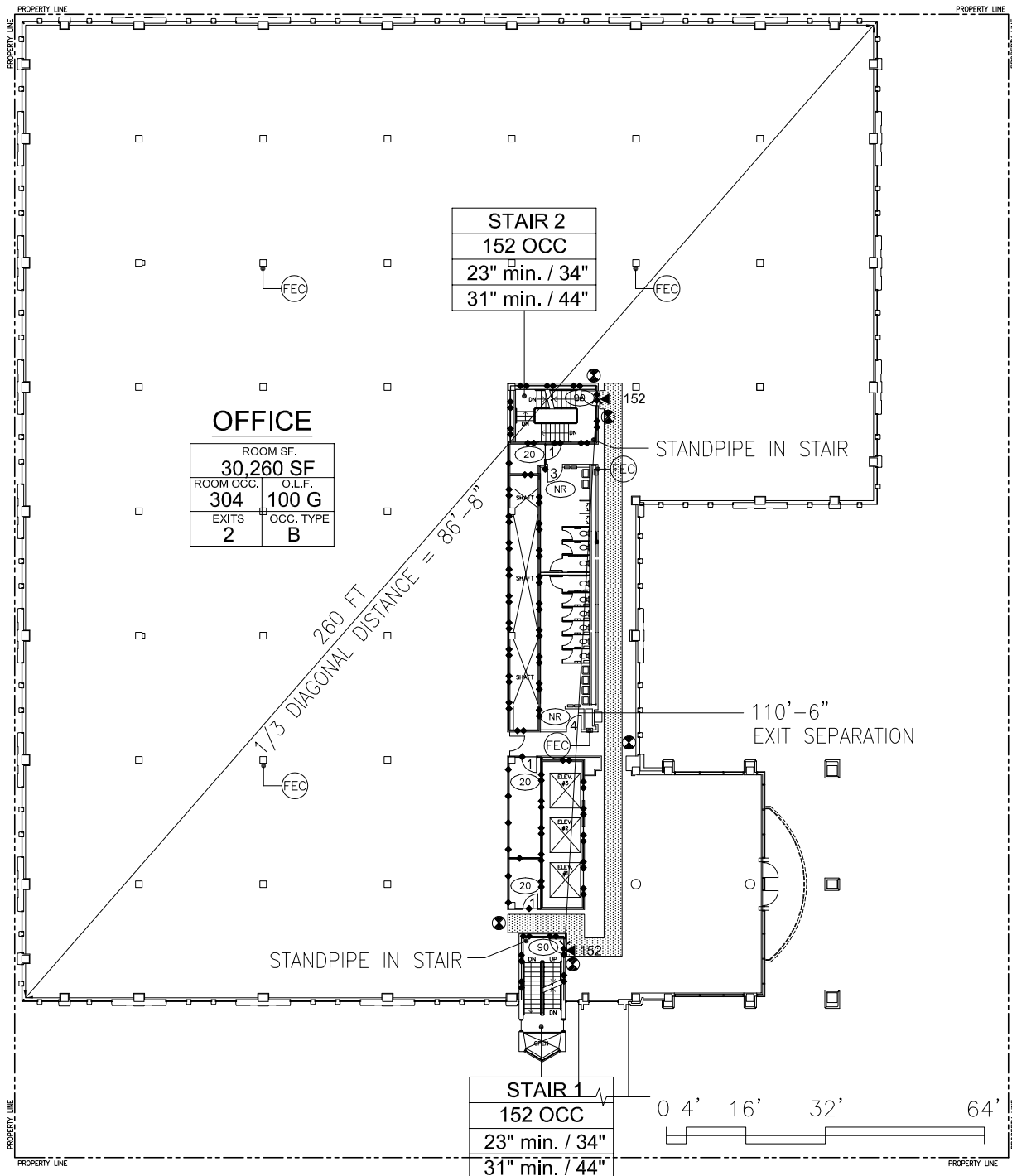
SCALE

AS NOTED

SHEET TITLE

LIFE SAFETY
FLOOR PLANS

G102

**1 SECOND FLOOR LIFE SAFETY PLAN**

1/32" = 1'-0"

LEGEND:

LIGHTED EXIT PATH (MIN. 44" WIDE) W / MIN 1FC. EGRESS LIGHTING TO BE PROVIDED WITH EMERGENCY POWER BACKUP.

1 HOUR RATED ASSEMBLY

2 HOUR RATED ASSEMBLY

EXIT SIGN

RATED OPENING (MINUTES)

FIRE EXTINGUISHER / FIRE EXTINGUISHER CABINET

EXIT WITH LOAD

ROOM OCCUPANT LOAD

STAIR TAG

STAIR	STAIR #
OCC LOAD	OCCUPANT LOAD
Door Width Req'd / Width Provided	OCC LOAD x 0.15
Stair Width Req'd / Width Provided	OCC LOAD x 0.2

ROOM TAG

ROOM SF.	ROOM / AREA SIZE
X SF	
ROOM OCC.	OCCUPANCY LOAD FACTOR
X	
EXITS	OCCUPANCY TYPE
X	

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gbdarchitects.com

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STAMP



PROJECT

Cruzan Slabtown
Office Building2151 NW SAVIER STREET
PORTLAND, OR 97209

CLIENT

CRUZAN SLABTOWN
JV LLC
236 SOUTH SIERRA AVENUE
SOLANA BEACH, CA
92075

REVISIONS

DATE

April 3, 2019

PROJECT NUMBER

20176222

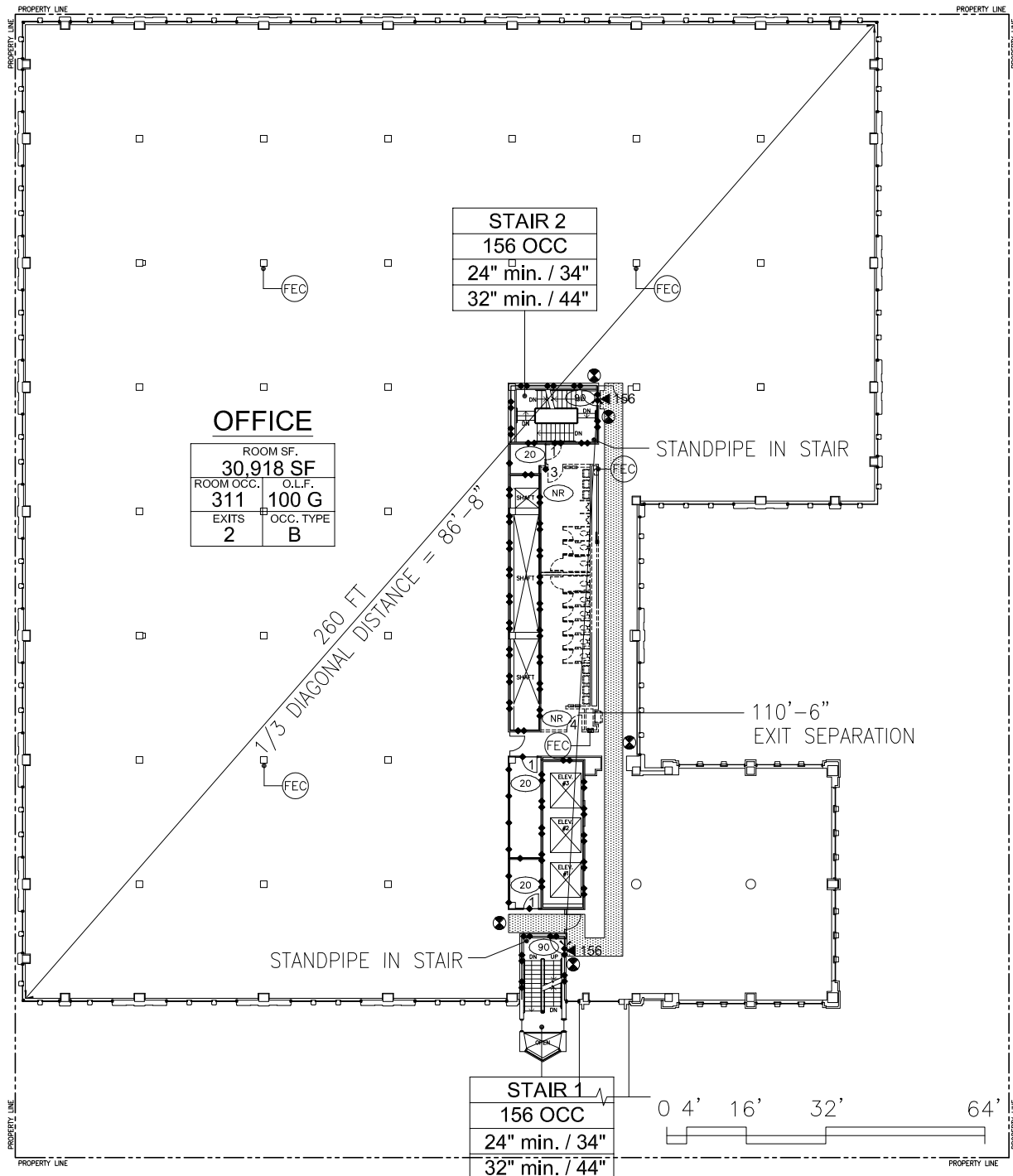
SCALE

AS NOTED

SHEET TITLE

LIFE SAFETY
FLOOR PLANS

G103



1 THIRD FLOOR LIFE SAFETY PLAN

1/32" = 1'-0"

LEGEND:

LIGHTED EXIT PATH (MIN. 44" WIDE) W / MIN 1FC. EGRESS LIGHTING TO BE PROVIDED WITH EMERGENCY POWER BACKUP.

1 HOUR RATED ASSEMBLY

2 HOUR RATED ASSEMBLY

EXIT SIGN

45
RATED OPENING (MINUTES)

FE
FIRE EXTINGUISHER /
FIRE EXTINGUISHER CABINET

EXIT WITH LOAD

ROOM OCCUPANT LOAD

STAIR TAG

STAIR	STAIR #
OCC LOAD	OCCUPANT LOAD
Door Width Req'd / Width Provided	OCC LOAD x 0.15
Stair Width Req'd / Width Provided	OCC LOAD x 0.2

ROOM TAG

ROOM SF. X SF	ROOM / AREA SIZE
ROOM OCC.	OCCUPANCY LOAD FACTOR
X	X
EXITS	OCC. TYPE
X	X

NUMBER OF

OCCUPANTS

NUMBER OF

EXITS REQ'D

GBD Architects, Incorporated

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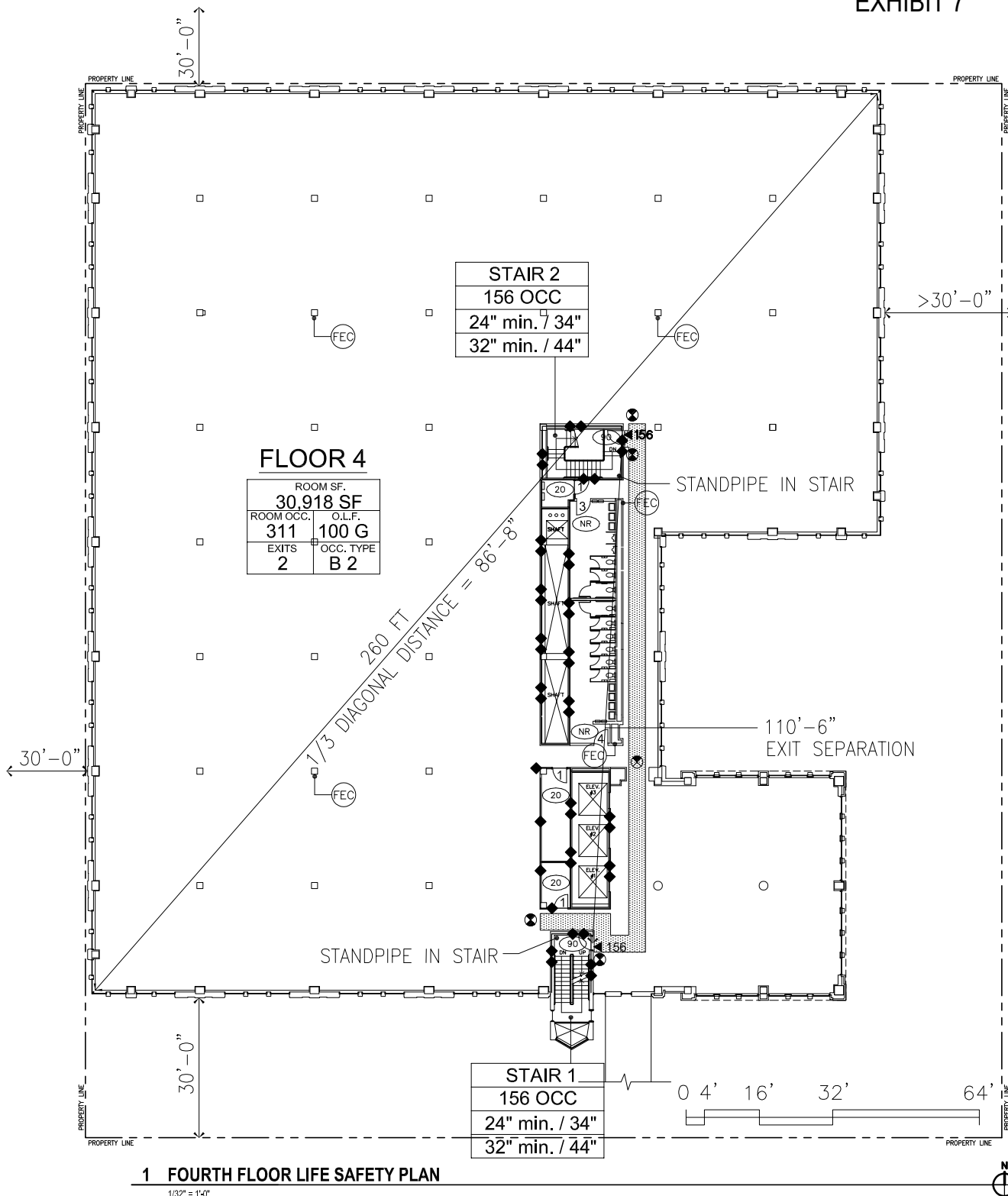
SCALE

AS NOTED

SHEET TITLE

LIFE SAFETY
FLOOR PLANS

G104



LEGEND:

- LIGHTED EXIT PATH (MIN. 44" WIDE) W / MIN 1FC. EGRESS LIGHTING TO BE PROVIDED WITH EMERGENCY POWER BACKUP.
- 1 HOUR RATED ASSEMBLY
- 2 HOUR RATED ASSEMBLY
- EXIT SIGN
- RATED OPENING (MINUTES)
- FIRE EXTINGUISHER / FIRE EXTINGUISHER CABINET
- EXIT WITH LOAD
- ROOM OCCUPANT LOAD

STAIR TAG

STAIR	STAIR #
OCC LOAD	OCCUPANT LOAD
Door Width Req'd / Width Provided	OCC LOAD x 0.15
Stair Width Req'd / Width Provided	OCC LOAD x 0.2

ROOM TAG

ROOM SF. X SF	ROOM / AREA SIZE
ROOM OCC. X	OCCUPANT LOAD FACTOR
EXITS X	OCCUPANCY TYPE

GBD Architects, Incorporated

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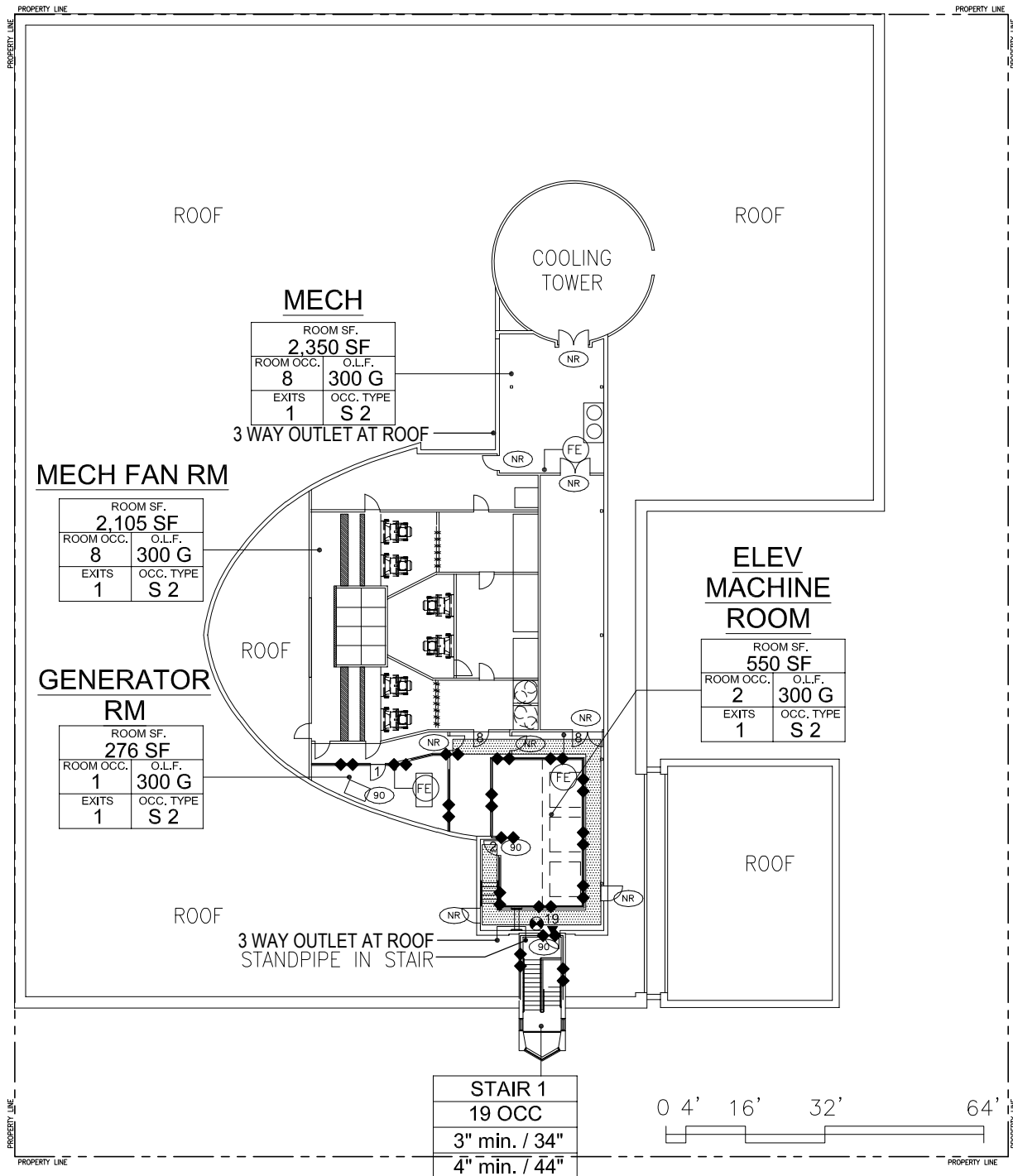
SCALE

AS NOTED

SHEET TITLE

LIFE SAFETY
FLOOR PLANS

G105

**1 ROOF LIFE SAFETY PLAN**

1/32" = 1'-0"

LEGEND:

- LIGHTED EXIT PATH (MIN. 36" WIDE) W / MIN 1FC. EGRESS LIGHTING TO BE PROVIDED WITH EMERGENCY POWER BACKUP.
- 1 HOUR RATED ASSEMBLY
- 2 HOUR RATED ASSEMBLY
- EXIT SIGN
- RATED OPENING (MINUTES)
- FIRE EXTINGUISHER / FIRE EXTINGUISHER CABINET
- EXIT WITH LOAD
- ROOM OCCUPANT LOAD

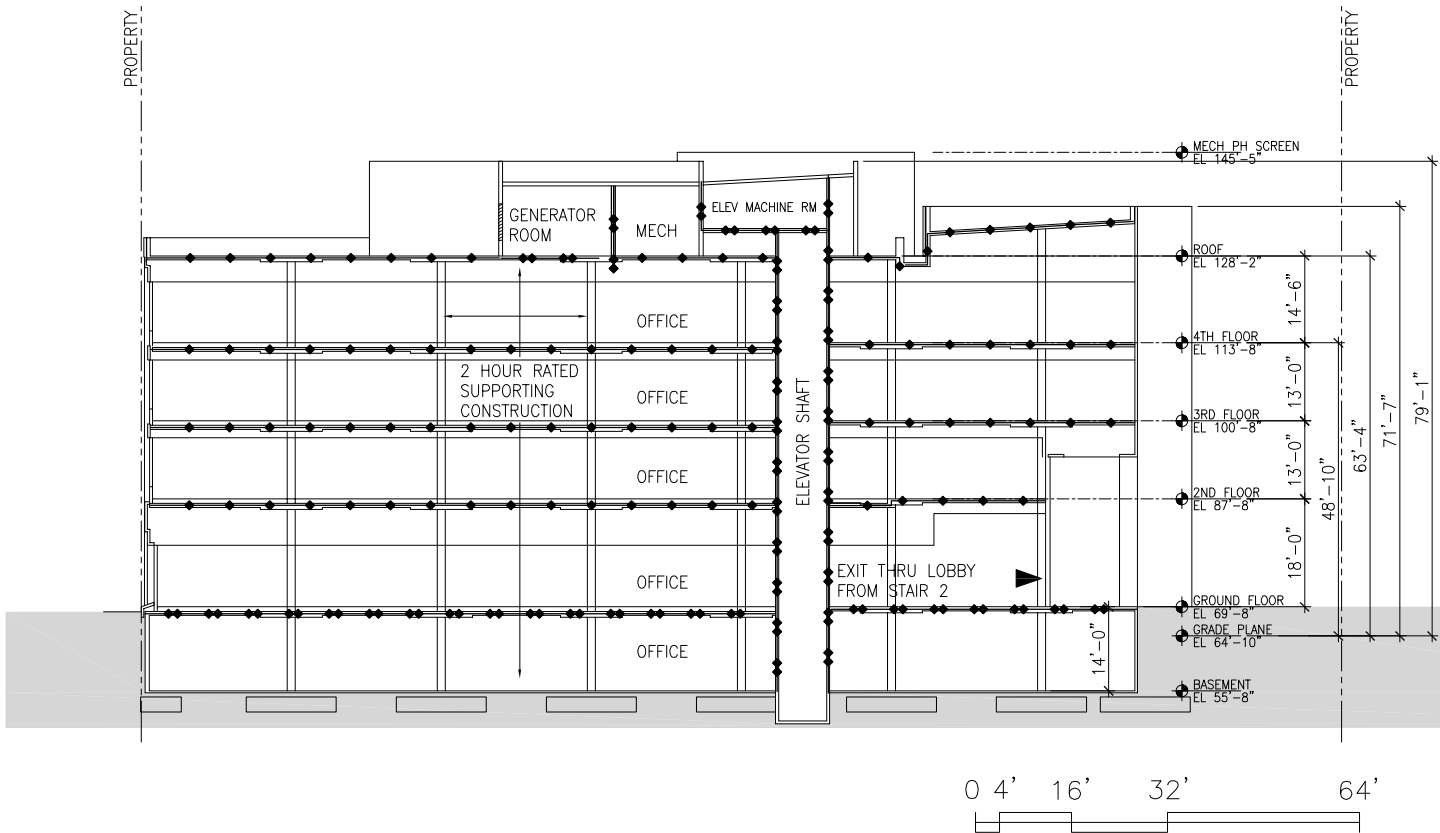
STAIR TAG

STAIR	STAIR #
OCC LOAD	OCCUPANT LOAD
Door Width Req'd / Width Provided	OCC LOAD x 0.15
Stair Width Req'd / Width Provided	OCC LOAD x 0.2

ROOM TAG

ROOM SF.	ROOM / AREA SIZE
X SF	
ROOM OCC.	OCCUPANCY LOAD
X	X
EXITS	OCCUPANCY TYPE
X	X

PROPERTY



1 EAST WEST BUILDING SECTION

1/32" = 1'-0"

LEGEND:

- 1 HOUR RATED ASSEMBLY
- 2 HOUR RATED ASSEMBLY
- EXIT

GBD

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Ste. 300
Portland, OR 97209
Tel. (503) 224-9656
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PORTLAND, OR
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STATE OF OREGON

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Office Building
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SCALE

AS NOTED

SHEET TITLE

LIFE SAFETY
BUILDING SECTION

G106

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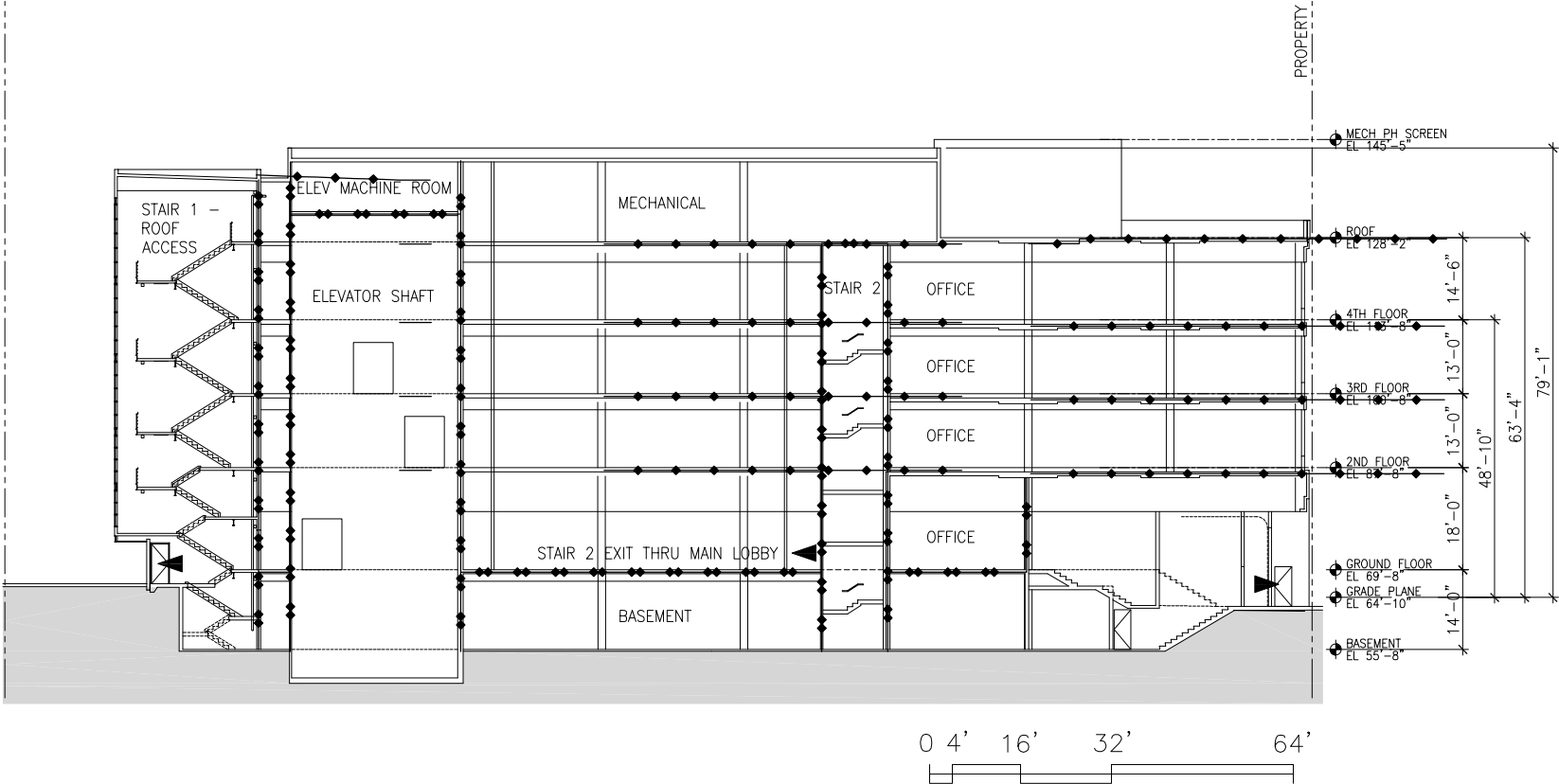
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SCALE
AS NOTED

SHEET TITLE
LIFE SAFETY
BUILDING SECTION



1 NORTH SOUTH BUILDING SECTION

1/32" = 1'-0"

LEGEND:

- 1 HOUR RATED ASSEMBLY
- 2 HOUR RATED ASSEMBLY
- EXIT