A

CONST. TYPE IB, 6-STORIES NFPA 13

SEPARATION OF EXITS:
- OVERALL BUILDING DIAGONAL: 201' - 4"
- REQUIRED SEPARATION OF EXITS (1/3 DIAGONAL): 67' - 1 11/32"
- ACTUAL SEPARATION OF EXITS: 119' - 9"
- MAXIMUM ALLOWABLE TRAVEL DISTANCE*: 125' - 0"

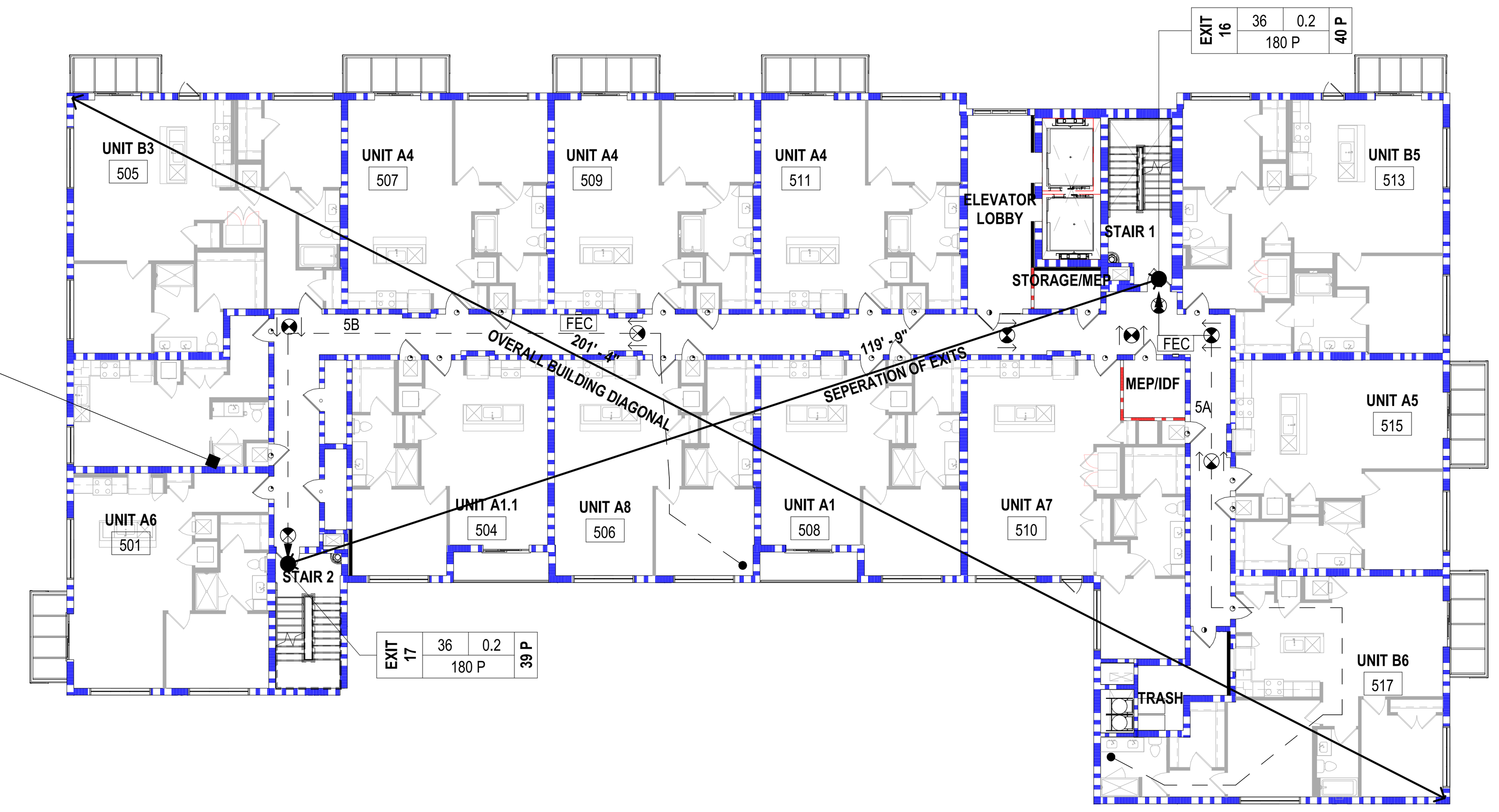
*REFERENCE TRAVEL DISTANCE SCHEDULE FOR ACTUAL MAXIMUM TRAVEL DISTANCE

OCCUPANCY:
- CLASSIFICATION: R-2
- ALLOWABLE HEIGHT: UL
- TABULAR ALLOWABLE NUMBER OF STORIES: UL

AREA DETERMINATION: BUILDINGS OF TYPE I CONSTRUCTION PERMITTED TO BE OF UNLIMITED TABULAR BUILDING HEIGHTS AND AREAS ARE NOT SUBJECT TO THE SPECIAL REQUIREMENTS THAT ALLOW UNLIMITED AREA BUILDINGS IN SECTION 507 OR UNLIMITED *BUILDING HEIGHT* IN SECTIONS 503.1.1 AND 504.3 OR INCREASED *BUILDING HEIGHTS AND AREAS* FOR OTHER TYPES OF CONSTRUCTION
ACTUAL BUILDING AREA:13276

EGRESS WIDTH:
- OCCUPANCY OF LEVEL = 79 P
- STAIRWAY WIDTH REQUIRED = 79 x 0.3" Per Person = 23.7"
- MINIMUM STAIRWAY WIDTH PER CODE: 44"
- HORIZONTAL EXIT WIDTH REQUIRED = 79 x 0.2" Per Person = 15.8" MINIMUM
- HORIZONTAL EXIT WIDTH PER CODE: 36"

LEVEL 5



3 Life Safety - Level 5
Scale: 1/16" = 1'-0"

CONST. TYPE IB, 6-STORIES NFPA 13

SEPARATION OF EXITS:
- OVERALL BUILDING DIAGONAL: 201' - 4"
- REQUIRED SEPARATION OF EXITS (1/3 DIAGONAL): 67' - 1 11/32"
- ACTUAL SEPARATION OF EXITS: 119' - 3"
- MAXIMUM ALLOWABLE TRAVEL DISTANCE*: 125' - 0"

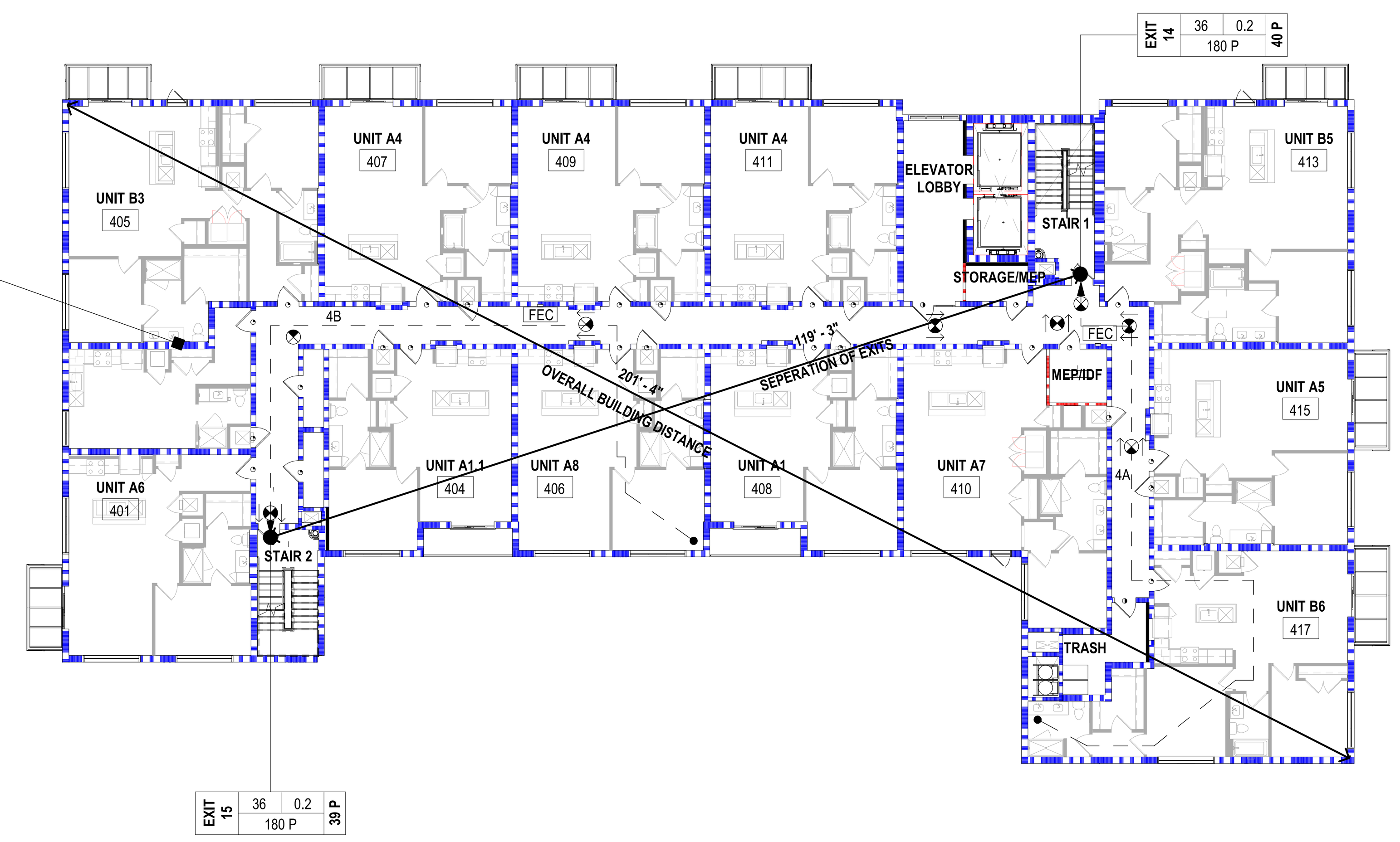
*REFERENCE TRAVEL DISTANCE SCHEDULE FOR ACTUAL MAXIMUM TRAVEL DISTANCE

OCCUPANCY:
- CLASSIFICATION: R-2
- ALLOWABLE HEIGHT: UL
- TABULAR ALLOWABLE NUMBER OF STORIES: UL

AREA DETERMINATION: BUILDINGS OF TYPE I CONSTRUCTION PERMITTED TO BE OF UNLIMITED TABULAR BUILDING HEIGHTS AND AREAS ARE NOT SUBJECT TO THE SPECIAL REQUIREMENTS THAT ALLOW UNLIMITED AREA BUILDINGS IN SECTION 507 OR UNLIMITED *BUILDING HEIGHT* IN SECTIONS 503.1.1 AND 504.3 OR INCREASED *BUILDING HEIGHTS AND AREAS* FOR OTHER TYPES OF CONSTRUCTION
ACTUAL BUILDING AREA:13245

EGRESS WIDTH:
- OCCUPANCY OF LEVEL = 79 P
- STAIRWAY WIDTH REQUIRED = 79 x 0.3" Per Person = 23.7"
- MINIMUM STAIRWAY WIDTH PER CODE: 44"
- HORIZONTAL EXIT WIDTH REQUIRED = 79 x 0.2" Per Person = 15.8" MINIMUM
- HORIZONTAL EXIT WIDTH PER CODE: 36"

LEVEL 4



2 Life Safety - Level 4
Scale: 1/16" = 1'-0"

CONST. TYPE IB, 6-STORIES NFPA 13

SEPARATION OF EXITS:
- OVERALL BUILDING DIAGONAL: 201' - 4"
- REQUIRED SEPARATION OF EXITS (1/3 DIAGONAL): 67' - 1 11/32"
- ACTUAL SEPARATION OF EXITS: 119' - 6"
- MAXIMUM ALLOWABLE TRAVEL DISTANCE*: 125' - 0"

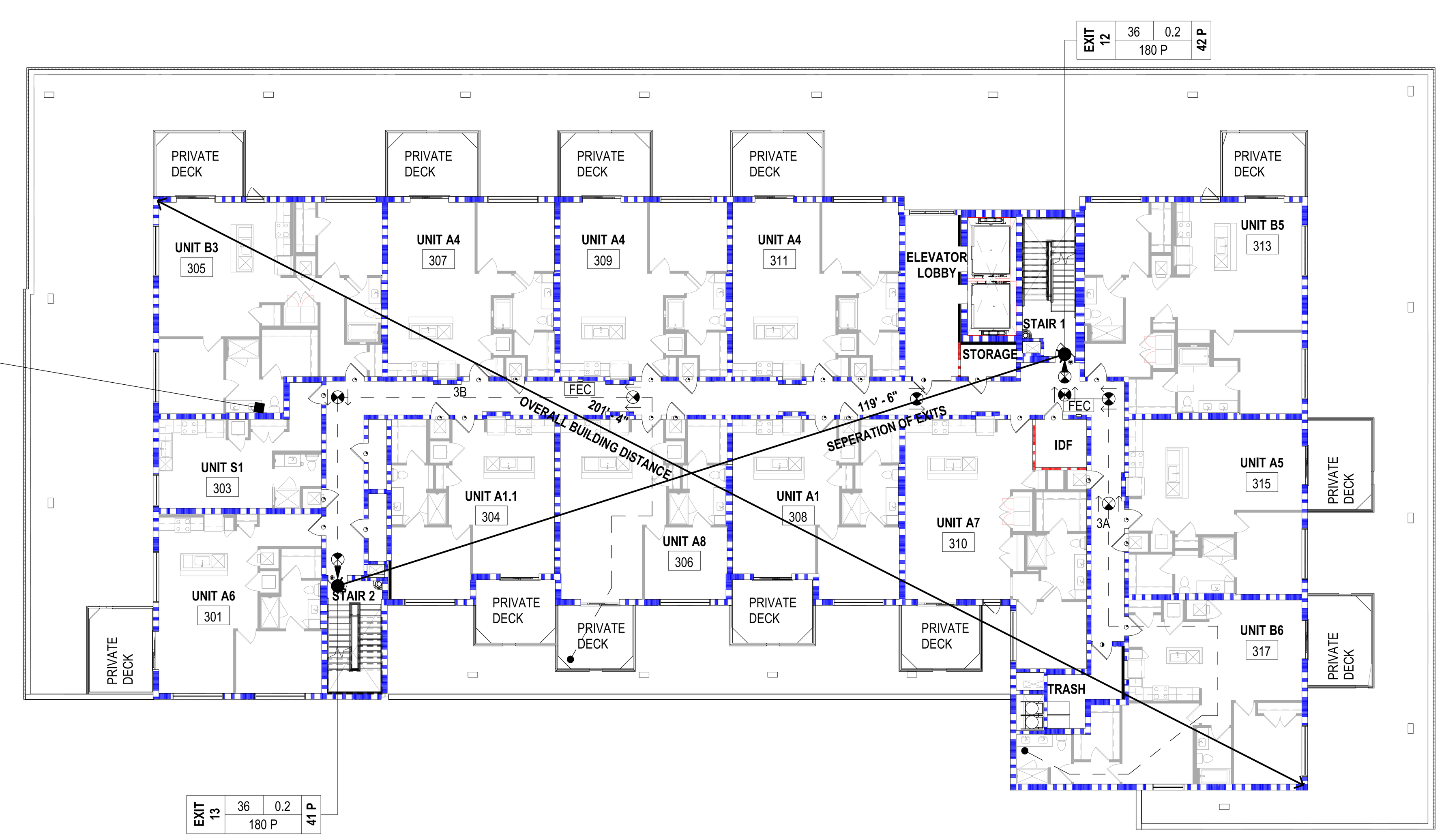
*REFERENCE TRAVEL DISTANCE SCHEDULE FOR ACTUAL MAXIMUM TRAVEL DISTANCE

OCCUPANCY:
- CLASSIFICATION: R-2
- ALLOWABLE HEIGHT: UL
- TABULAR ALLOWABLE NUMBER OF STORIES: UL

AREA DETERMINATION: BUILDINGS OF TYPE I CONSTRUCTION PERMITTED TO BE OF UNLIMITED TABULAR BUILDING HEIGHTS AND AREAS ARE NOT SUBJECT TO THE SPECIAL REQUIREMENTS THAT ALLOW UNLIMITED AREA BUILDINGS IN SECTION 507 OR UNLIMITED *BUILDING HEIGHT* IN SECTIONS 503.1.1 AND 504.3 OR INCREASED *BUILDING HEIGHTS AND AREAS* FOR OTHER TYPES OF CONSTRUCTION
ACTUAL BUILDING AREA:14242

EGRESS WIDTH:
- OCCUPANCY OF LEVEL = 83 P
- STAIRWAY WIDTH REQUIRED = 83 x 0.3" Per Person = 24.9"
- MINIMUM STAIRWAY WIDTH PER CODE: 44"
- HORIZONTAL EXIT WIDTH REQUIRED = 83 x 0.2" Per Person = 16.6" MINIMUM
- HORIZONTAL EXIT WIDTH PER CODE: 36"

LEVEL 3



1 Life Safety - Level 3
Scale: 1/16" = 1'-0"

Name	Area	Number of Units	Area SF Per Person	Area Occupancy SF Type	Occupancy Actual
Level 3					
Residential					
CIRCULATION	1900 SF	1	200	Gross	10
UNIT A6	914 SF	1	200	Gross	5
UNIT B3	1284 SF	1	200	Gross	7
UNIT A4	915 SF	3	200	Gross	15
UNIT A1.1	870 SF	1	200	Gross	5
UNIT A8	927 SF	1	200	Gross	5
UNIT A1	878 SF	1	200	Gross	5
UNIT A7	1050 SF	1	200	Gross	6
UNIT A5	944 SF	1	200	Gross	5
UNIT B5	1298 SF	1	200	Gross	7
UNIT B6	1169 SF	1	200	Gross	6
UNIT S1	429 SF	1	200	Gross	3
					79
Storage Areas/ Mechanical Equipment					
STORAGE	71 SF	1	300	Gross	1
STORAGE	52 SF	1	300	Gross	1
TRASH	164 SF	1	300	Gross	1
STORAGE	77 SF	1	300	Gross	1
					4
					83
Level 4					
Residential					
CIRCULATION	1891 SF	1	200	Gross	10
UNIT A6	836 SF	1	200	Gross	5
UNIT B3	1202 SF	1	200	Gross	7
UNIT A4	840 SF	3	200	Gross	15
UNIT A1.1	793 SF	1	200	Gross	4
UNIT A8	794 SF	1	200	Gross	4
UNIT A1	794 SF	1	200	Gross	4
UNIT A7	922 SF	1	200	Gross	5
UNIT A5	877 SF	1	200	Gross	5
UNIT B5	1224 SF	1	200	Gross	7
UNIT B6	1098 SF	1	200	Gross	6
UNIT S1	429 SF	1	200	Gross	3
					75
Storage Areas/ Mechanical Equipment					
STORAGE	71 SF	1	300	Gross	1
STORAGE	57 SF	1	300	Gross	1
TRASH	166 SF	1	300	Gross	1
STORAGE	78 SF	1	300	Gross	1
					4
					79
Level 5					
Residential					
CIRCULATION	1894 SF	1	200	Gross	10
UNIT A6	838 SF	1	200	Gross	5
UNIT B3	1202 SF	1	200	Gross	7
UNIT A4	839 SF	3	200	Gross	15
UNIT A1.1	793 SF	1	200	Gross	4
UNIT A8	794 SF	1	200	Gross	4
UNIT A1	794 SF	1	200	Gross	4
UNIT A7	926 SF	1	200	Gross	5
UNIT A5	870 SF	1	200	Gross	5
UNIT B5	1220 SF	1	200	Gross	7
UNIT B6	1101 SF	1	200	Gross	6
UNIT S1	429 SF	1	200	Gross	3
					75
Storage Areas/ Mechanical Equipment					
STORAGE	71 SF	1	300	Gross	1
STORAGE	57 SF	1	300	Gross	1
TRASH	161 SF	1	300	Gross	1
STORAGE	77 SF	1	300	Gross	1
					4
					79

TRAVEL DISTANCES - EXIT LEVEL 3-5

PATH OF TRAVEL TAG	*TOTAL TRAVEL DISTANCE*
Level 3	
3A	114'
3B	128'
Level 4	
4A	114'
4B	114'
Level 5	
5A	114'
5B	114'

LIFE SAFETY GENERAL NOTES

1. REFERENCE UL DIRECTORY FOR COMPLETE DESCRIPTIONS OF ALL FIRE RATED ASSEMBLIES REFERENCED
2. ALL FIRE RATED ASSEMBLIES INDICATED ON THIS SHEET ARE DETAILED GRAPHICALLY ON SHEET A-730 TO INDICATE THE SPECIFIC COMPONENTS FOR THE REQUIRED ASSEMBLY.
3. ALL SPACES IN THE BUILDING ARE TO BE SPRINKLED WITH AN APPROVED NFPA 13 SYSTEM.
4. ACOUSTI-MAT I OR APPROVED EQUAL TO BE USED AT ALL FLOORS WHERE A HARD SURFACE OTHER THAN CARPET OR RUBBER BACKED VINYL IS SPECIFIED IN ORDER TO MAINTAIN CODE REQUIRED IIC RATING BETWEEN DWELLING UNITS.
5. DOORS TO BE FIRE RATED AS INDICATED IN THE DOOR SCHEDULE. ALL WINDOWS ARE NON-F.R.R, UNLESS OTHERWISE NOTED, AS UNPROTECTED OPENINGS ARE ALLOWED PER IBC TABLE 705.8 WHERE THE FIRE SEPARATION DIST. EXCEEDS 30'.
6. APPROVED FIRE RESISTIVE CONSTRUCTION AND RATING SHALL BE MAINTAINED AT MEMBRANE OR THROUGH PENETRATIONS OF RATED ASSEMBLIES FOR ALL MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION SYSTEMS AS REQUIRED TO MAINTAIN RATING.
7. CORRIDOR PARTITIONS, SMOKESTOP PARTITIONS, HORIZONTAL EXIT PARTITIONS, EXIT ENCLOSURES, AND FIRE-RATED WALLS REQUIRED TO HAVE PROTECTED OPENINGS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN A MANNER ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. SUCH IDENTIFICATION SHALL BE ABOVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES.
8. THE CONTRACTOR IS TO PROVIDE AND INSTALL SMOKE DETECTORS AND FIRE EXTINGUISHERS PER CITY REQUIREMENT. PROVIDE MOUNTING AND/OR SIGNAGE AS REQUIRED. SMOKE DETECTORS TO BE HARDWIRED WITH BATTERY BACK-UP AS REQUIRED BY CODE.
9. FIRE SPRINKLER SYSTEM TO BE COMPLETELY DESIGNED BY DESIGN BUILD CONTRACTOR. CONTRACTOR TO COORDINATE ALL INSTALLATION REQUIREMENTS.
10. THE CONTRACTOR TO PROVIDE AND INSTALL EXIT SIGNS AND EMERGENCY LIGHTING PER DRAWINGS AND/OR CITY REQUIREMENTS, AND/OR THE DIRECTION OF ANY AHJ. WHERE AHJ REQUIRES EXIT SIGNS, EMERGENCY LIGHTING, ADDITIONAL POWER OUTLETS, OR OTHER MODIFICATIONS NOT SHOWN IN THE DRAWINGS, THE CONTRACTOR IS REQUIRED TO PROVIDE SUCH WORK TO SATISFY THE LOCAL AUTHORITY HAVING JURISDICTION AT NO ADDITIONAL COST TO THE OWNER.

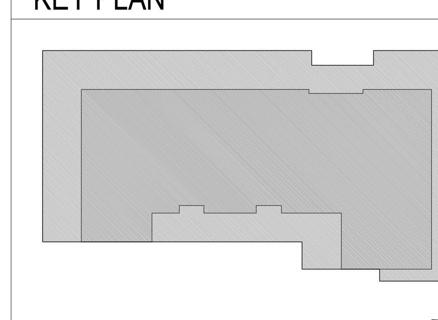
LIFE SAFETY PLAN LEGEND

- 1-HR FIRE RATED ASSEMBLY - REF. A-730
- 2-HR FIRE RATED ASSEMBLY - REF. A-730
- UNIT INTERIOR PARTITION - REF. A-730
  PROVIDE 1-HR RATING AT LOAD BEARING WALLS
- EXIT SIGN
  LIT FACE INDICATED BY SOLID HATCH
  ARROWS INDICATE DIRECTION ON SIGN
- BX-YZ — PATH OF TRAVEL AND TAG
  - *BX* — *BUILDING NUMBER (EX. B1)*
  - *Y* — *LEVEL NUMBER*
  - *Z* — *TRAVEL DISTANCE*
  - *DESIGNATOR*
- FEC — FIRE EXTINGUISHER CABINET
- EXIT # | Width | Factor | Exit Cap. P | Load P — EXIT INDICATOR
- DOOR AND TAG
  - = 20 MIN
  - = 45 MIN
  - = 60 MIN
  - = 90 MIN
  - = NON RATED
- GROUP A-2
- GROUP A-3
- GROUP B
- GROUP R-2
- GROUP S-2
- GROUP U

GRAPHIC SCALE

0' 2' 4' 8' 12' 20' 28' 44'
Scale: 1/16" = 1'-0"

KEY PLAN



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Consultants

Client/Project
PROJECT NUMBER: 20.048
ART HOUSE
GSS, LLC
313 NORTH BECKLEY AVE
Q TEAM RESPONSE - [2024.05.03]

B	Q TEAM RESPONSE	2024.05.03
A	Q TEAM RESPONSE	2024.03.06

Revision — YYYY.MM.DD

Q TEAM RESPONSE	2024.05.03
ISSUE FOR PERMIT	2023.12.22

Issued — YYYY.MM.DD

HB — Drawn By
ED — Reviewed By

Permit-Seal

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2024.05.03

Title
LIFE SAFETY PLANS

Scale: 1/16" = 1'-0"
Revision: B

Drawing No.
G-101

12/2/2024 4:40:11 PM
ORIGINAL SHEET - (30"x42")