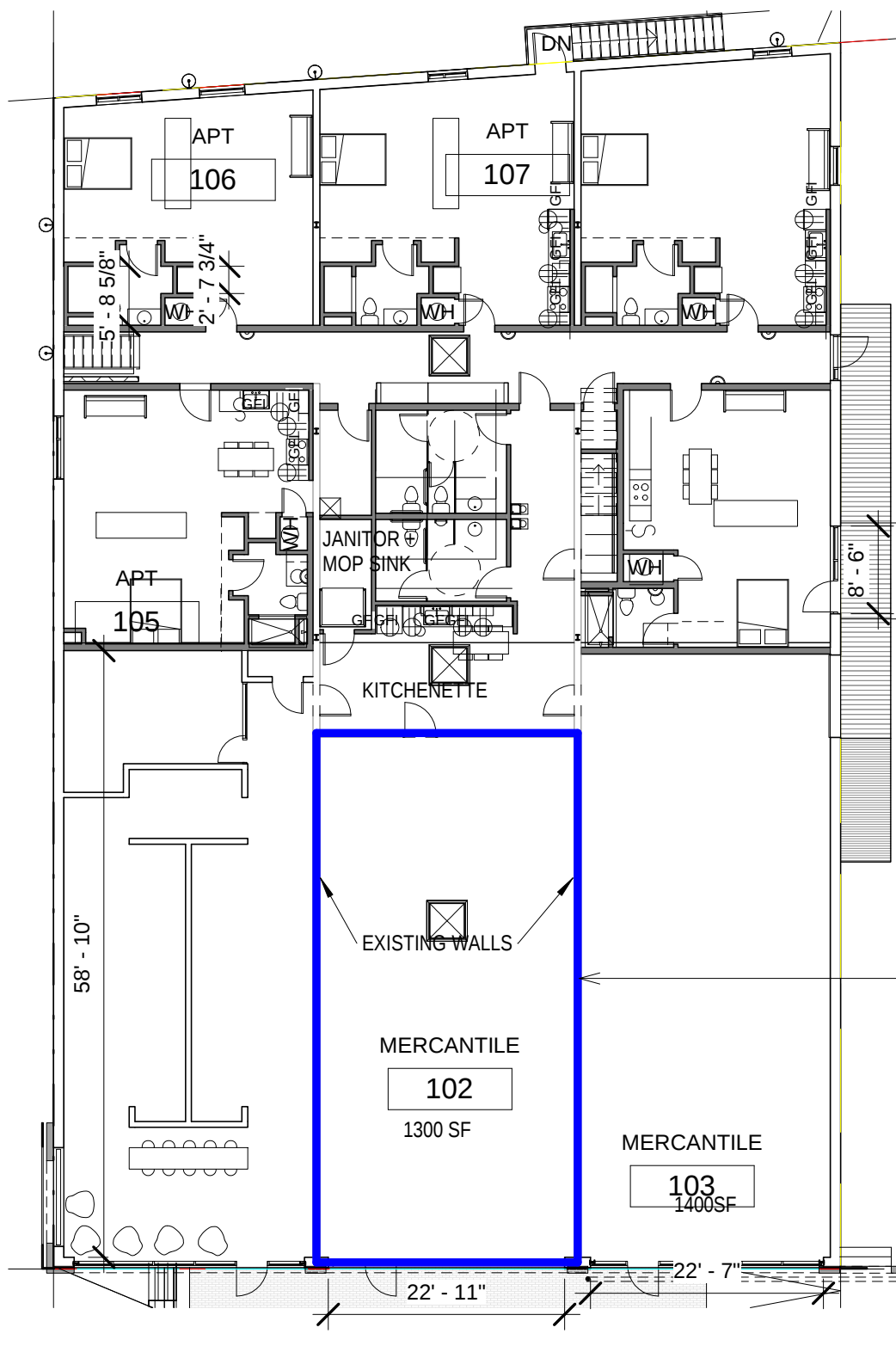




SUITE 102 TENANT IMPROVEMENTS; POWER AND LIGHTING

OCCUPANCY PERMIT DOCUMENTS
05.19.2019

WORK THIS AREA ONLY

KEY PERSONNEL		CODE ANALYSIS		VICINITY MAP		INDEX TO DRAWINGS																																									
OWNER: The Marshall LLC 676 MARSHALL AVE SUITE 101 Memphis Tn, 38103 Phone: 870 735 2757 901 355 9045 ARCHITECT: Pat Kelley Magruder Architects PA 676 MARSHALL AVE SUITE 101 Memphis Tn, 38103 Phone: (870) 735-2757 Contact: Pat Magruder, Jr., AIA Email: pat@pkmarch.com Contact: Austin Magruder Email: austin@pkmarch.com		OCCUPANT LOAD: 1ST FLOOR RESIDENTIAL 3,000SF / 200= 15 MERCANTILE 4,100SF/ 30= 136 BASEMENT STORAGE 4,100SF/200= 21 TOATL= 172 Code Analysis 1. CHAPTER 3 - Occupancy Classification: Residential R-2 (Section 310) Mercantile M (Section 309) Storage S-2 (Section 311) 2. CHAPTER 4 Detailed Use and Occupancy Requirements: Group R Section 903.2.8 Automatic sprinkler system required Section 903.3 Smoke Detection Section 907.2.9.1 Fire Alarm System required 3. CHAPTER 5 - Building Area: 8,836 SF at grade, 4,100 SF basement, total 12,936 SF Building Height 19.39' Number of Stories: 1 Stories with basement Allowable Building Heights and Areas: Type IIB construction Allowable Height 55' Sprinkler increase not used Allowable Area per Floor: R-2, 16,000 SF; M, 12,500 SF; S-2, 26,000 SF 4. CHAPTER 6 - Type of Construction Type II-B (non combustible) Existing construction; Load Bearing exterior walls, Steel Frame interior bearing walls with masonry infill, bar joist and metal deck roof construction, main lever is one half slab on grade North half is slab on lath over bar joist and steel frame Fire Resistance Ratings (Table 601) Structural Frame; 0 hours Exterior & Interior Bearing Walls; 0 hours Interior non load bearing walls; 0 hours Floor Construction; 0 hours Roof Construction; 0 hours 5. CHAPTER 7 - Fire and Smoke Protection Features Minimum Fire Resistance Ratings Fire Walls; 1 hours (table 706.4) Fire Barriers; 1 hours (table 707.3.10) Fire Partitions: ½ hour (walls separating dwelling units) Section 708.3 exc 2 Corridor Walls; ½ hour with sprinkler system (section 708.4 and table 1018.1) Occupancy Separation; 1 hour (Table 508.4) Smoke Barriers; none Smoke Partitions; none Horizontal Assemblies; 1hr 6. Check detailed Occupancy requirements. (Chapter 10) a. Maximum floor area allowances per occupant. (Table 1003.2.2.2) i. Gross Area = Area calculated by using the interior perimeter of the exterior walls, includes all interior walls and rooms, excludes interior courtyards. ii. Net Area = Area calculated by using actual occupied area, excludes corridors, stairways, toilet rooms, mechanical rooms, and closets. 7. Check detailed Construction requirements. a. Fire Protection of Structural Members. (Chapter 6, use Table 601) b. Fire Protection Requirements. c. Means of Egress Requirements. (Chapter 10, Section 1003) i. Use Table 1003.2.2.2 ii. Find Egress Width from Table 1003.2.3 iii. Exit Door Arrangement (Section 1004) iv. Exit Travel Distance (Table 1004.2.4) v. Common Path of Egress (1004.2.5) vi. Corridor Width (Section 1004.3.2.2) d. Special restrictions if in Fire District. 8. Review design as related to standards. 9. Check other requirements as necessary. a. Construction projecting into public property. b. Elevators & conveying systems. c. Sprinklers (Section 903), standpipes, & alarm systems. d. Use of combustible materials on the interior. i. Use Table 803.4 e. Roofs & roof structures. f. Light, ventilation, & sanitation. g. Other.		PROJECT SITE VICINITY MAP NTS		<table><tr><th>No.</th><th>DESCRIPTION</th><th>No.</th><th>DESCRIPTION</th></tr><tr><td>C0.1</td><td>COVER SHEET</td><td colspan="2" rowspan="2">TENANT IMPROVEMENTS FOR SUITE 102 POWER AND LIGHTING</td></tr><tr><td>G1.0</td><td>LIFE SAFETY</td></tr><tr><td colspan="2">ARCHITECTURAL</td><td colspan="2"></td></tr><tr><td>A2.0</td><td>FLOOR PLANS</td><td colspan="2"></td></tr></table>		No.	DESCRIPTION	No.	DESCRIPTION	C0.1	COVER SHEET	TENANT IMPROVEMENTS FOR SUITE 102 POWER AND LIGHTING		G1.0	LIFE SAFETY	ARCHITECTURAL				A2.0	FLOOR PLANS																								
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THE MARSHALL @ 676

Marshall ave

THE MARSHALL LLC

CONSULTANT / SEAL



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Architect, AIA

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PROJECT NUMBER
MARSHALL

DATE
12/01/2017

REVISED BY
PKM

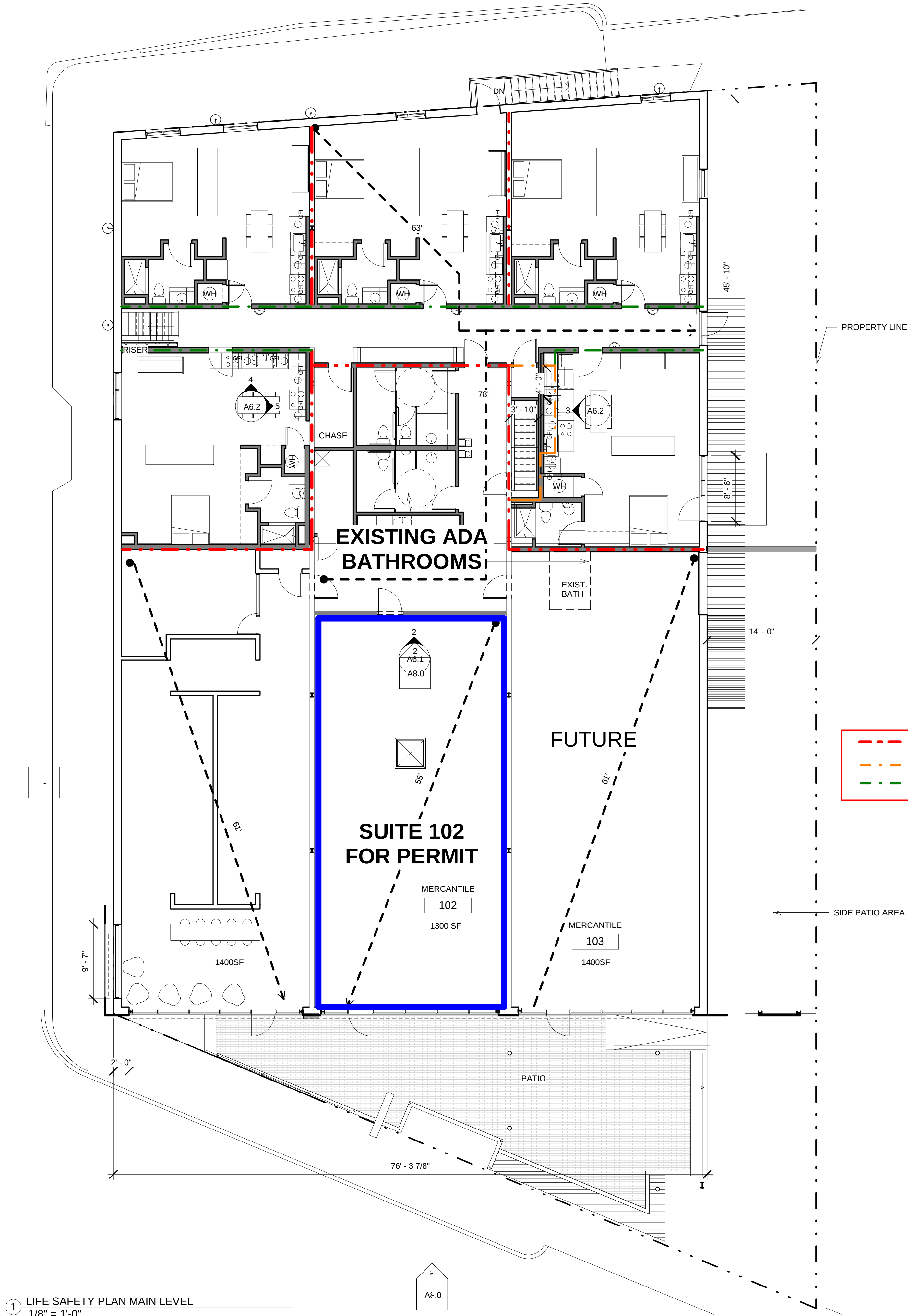
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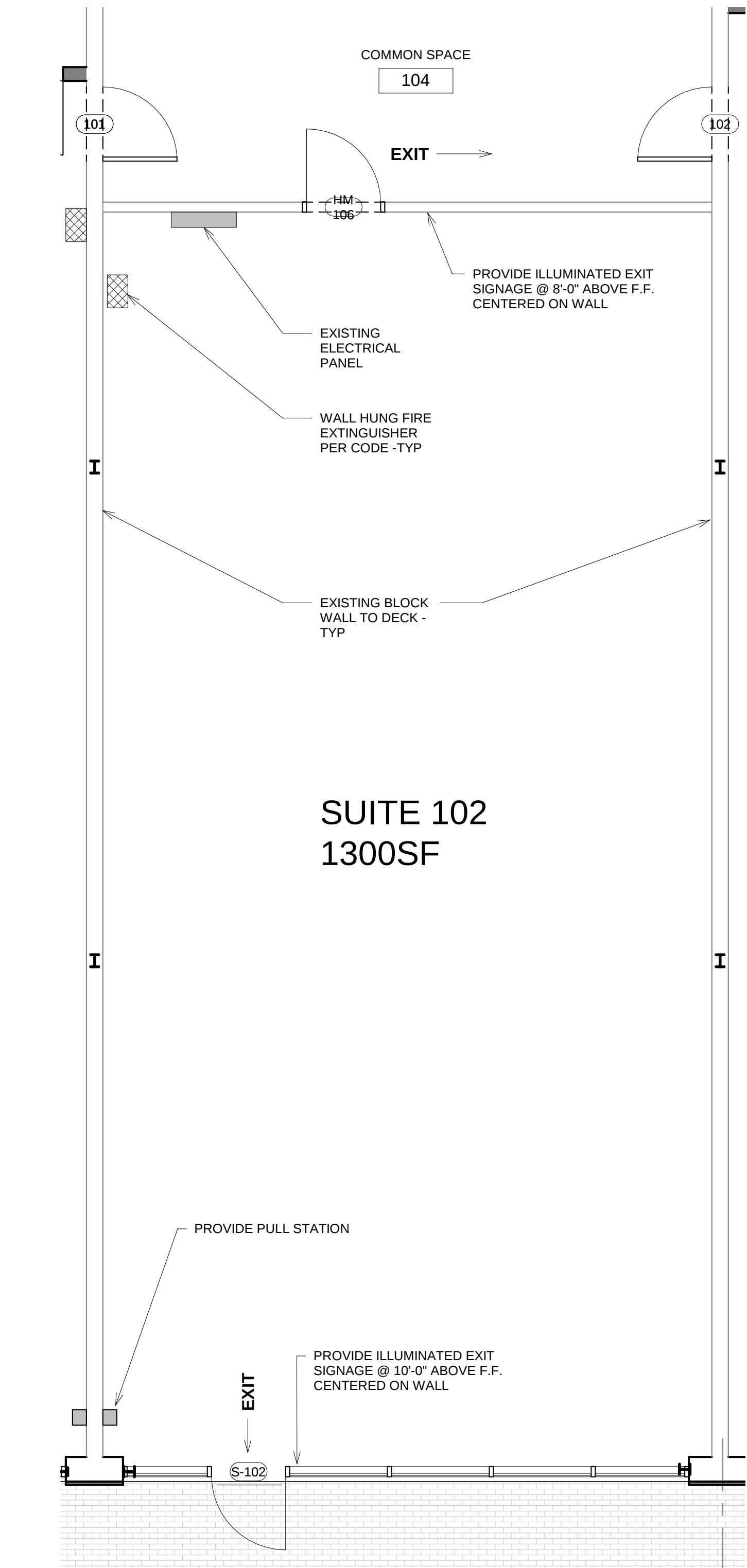
SHEET TITLE

COVER SHEET

SHEET NO.

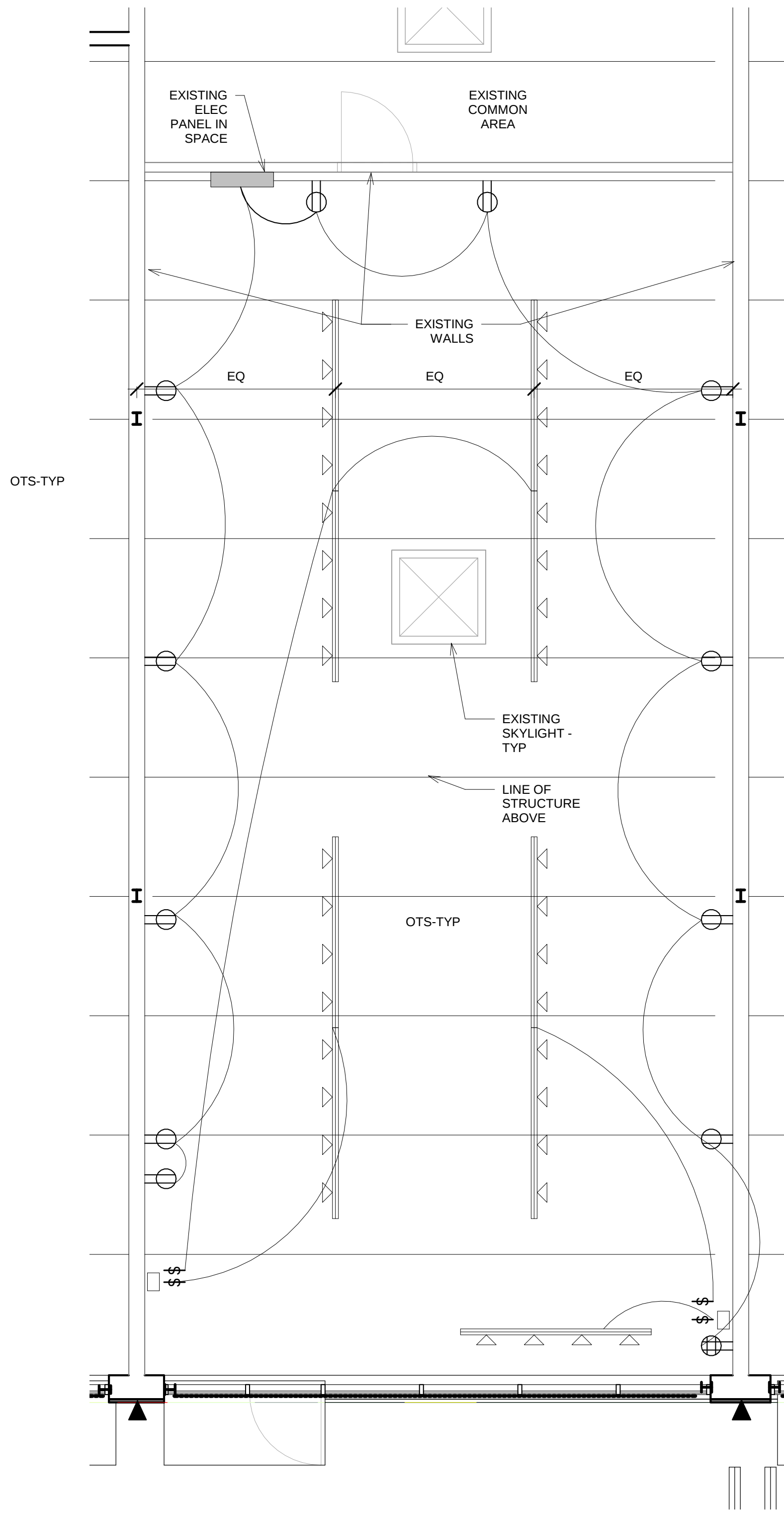
C0.1





1 MAIN LEVEL
1/4" = 1'-0"

T1



4 POWER AND LIGHTING PLAN
1/4" = 1'-0"

REFERENCE SYMBOLS:

- DUPLEX RECEPTACLE
- DOUBLE DUPLEX RECEPTACLE
- SINGLE POLE WALL SWITCH
- 8' TRACK LIGHTING MOUNTED TO STRUCTURE ABOVE

CODE REVIEW SUITE 102

Code Review Suite 102
Construction – Type IIB not sprinkled
Fire Alarm Provided*
Use & Occupancy – Group B
SqFt 1420sf – Max allowed 2300sf
1 Story – Max allowed 3 stories
Maximum Occupancy Load = 15 Group B = 1420/100 = 15
Egress
Maximum Travel Distance To Exit = 100'
Maximum Occupancy Load = 49 (1 exit)

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PROJECT NUMBER MARSHALL	
DATE 11/16/17	
REVISED BY PKM	DRAWN BY AHM

SHEET TITLE
FLOOR PLANS

SHEET NO.
A2.0