### **SCOPE OF WORK**

RECORD DOCUMENTATION OF THE EXISTING PLAZA DEL SOL BUILDING. INCLUDING OCCUPANCY LOADS AND PLUMBING FIXTURE COUNTS. CODE REVIEW INFORMAITON BELOW IS PROVIDED ONLY TO HIGHLIGHT RELEVANT SECTIONS OF BUILDING CODES APPLICABLE TO RENOVATIONS UNDER CURRENT ADOPTED CODES.

#### **APPLICABLE CODES**

- NEW MEXICO ADMINISTRATIVE CODE, TITLE 14 (NMAC)
- NM COMMERCIAL BUILDING CODE, 2015 NM ENERGY CONSERVATION CODE, 2018
- NM MECHANICAL CODE, 2015
- NM PLUMBING CODE, 2015
- NM ELECTRICAL CODE, 2017
- INTERNATIONAL BUILDING CODE (IBC), 2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2018
- INTERNATIONAL EXISTING BUILDING CODE (IEBC), 2015
- INTERNATIONAL FIRE CODE (IFC),2015 UNIFORM MECHANICAL CODE (UMC), 2015
- UNFORM PLUMBING CODE (UPC), 2015
- NATIONAL ELECTRICAL CODE (NEC), 2017
- NFPA 101 LIFE SAFETY CODE, 20\_\_\_\_\_

# **APPLICABLE STANDARDS**

(ALSO SEE STRUCTURAL NOTES – SHEET S-001) • ADA-ICC/ANSI A117.1, 2009

- ADA/ADAAG, Americans with disabilities Act Accessibility Guidelines for Buildings and Facilities
- NFPA 13 INSTALLATION OF SPRINKLER SYSTEMS, 20\_\_\_\_\_
- NFPA 409, STANDARD ON AIRCRAFT HANGARS, 2011
- REQUIREMENTS OF THE NEW MEXICO STATE ENVIRONMENTAL HEALTH DIVISION (NMEHD)
- REQUIRÉMENTS OF THE NEW MEXICO STATE FIRE MARSHAL'S OFFICE (SFMO)

## **BUILDING HEIGHT AND AREA**

- BUILDING IS 8 STORIES + MECHANICAL PENTHOUSE AND BASEMENT
- REFER TO PLANS FOR GROSS SF OF EACH FLOOR

# PLAZA DEL SOL AS-BUILT

600 2ND STREET NW, ALBUQUERQUE, NM

# **AS-BUILT RECORD DRAWINGS** 03-28-2022

## **OCCUPANCY + CONSTRUCTION**

EXISTING BUILDING IS A MULTISTORY BUILDING. IT IS ASSUMED TO BE TYPE IIB CONSTRUCTION WITH A B-BUSINESS OCCUPANCY.

Code Occupancy Use					
Level	Area	Occupant Load Factor	Occupant Load SF Type	Calculated Occupants	Occupants
ACCESSORY MECH	HANICAL				
PENTHOUSE	5,688 SF	300	GROSS	18.958835	19
ACCESSORY MECHANICAL	5,688 SF			18.958835	19
ASSEMBLY: CONC	ENTRATED (	CHAIRS O	NLY)		
BASEMENT	1,661 SF	7	NET	237.219987	237
ASSEMBLY: CONCENTRATED (CHAIRS ONLY)	1,661 SF			237.219987	237
ASSEMBLY: UNCO	NCENTRATE	D			
BASEMENT	786 SF	15	NET	52.402773	52
ASSEMBLY: UNCONCENTRATE D	786 SF			52.402773	52
<b>BUSINESS AREAS</b>					
BASEMENT	11,239 SF	100	GROSS	112.39185	112
GROUND LEVEL	13,142 SF	100	GROSS	131.423611	132
2ND LEVEL	12,535 SF	100	GROSS	125.3525	125
3RD LEVEL	11,942 SF	100	GROSS	119.423611	119
4TH LEVEL	11,364 SF	100	GROSS	113.636944	114
5TH LEVEL	10,799 SF	100	GROSS	107.9925	108
6TH LEVEL	10,249 SF	100	GROSS	102.490278	103
7TH LEVEL	9,713 SF	100	GROSS	97.130278	97
BUSINESS AREAS	90,984 SF			909.841572	910
GRAND TOTALS: 11	99,118 SF			1218.423167	1218

## FIRE PROTECTION & RESISTANCE

#### FIRE PROTECTION

- SPRINKLERS ARE PROVIDED THROUGHOUT THE BUILDING.
- PORTIONS OF BUILDINGS SEPARATED BY BY A FIRE WALL SHALL BE CONSIDERED SEPARATE BUILDINGS (IBC 706)
- REQUIRED FIRE WALL SEPARATION SHALL HAVE A FIRE RESISTANCE RATING OF 2HRS (IBC TABLE 706.4
- SHAFT ENCLOSURES SHALL HAVE A FIRE-RESTIANCE RATING OF NOT LESS THAN 2HRS WHERE CONNECTING 4 STORIES OR MORE (IBC 718.5)

### EGRESS

OCCUPANT LOADS REFER TO OCCUPANT LOAD CALCULATION TABLES ON THIS SHEET AND EXTENT OF EACH AREA ON THE EGRESS PLAN.

#### TOTAL OCCUPANT LOAD = 1,179

- REFER TO EGRESS PLAN FOR OCCUPANCY CLASSIFICATION
- NUMBER OF EXITS REQUIRED BY STORY (IBC TABLE 1006.3.1)
- GROUND LEVEL REQUIRES 3 EXITS (OCCUPANT LOAD 501-1000) BASEMENT AND ALL OTHER LEVELS REQUIRE 2 EXITS FOR OCCUPANT LOAD OF
- < 500. COMMON PATH OF EGRESS TRAVEL (IBC 1006.2.1, TABLE 1006.2.1) B OCCUPANCY WITH SPRINKERS: 100 FT

#### EXIT ACCESS TRAVEL DISTANCE (IBC TABLE 1017.2) • B OCCUPANCIES, WITH SPRINKLERS: MAX TRAVEL DISTANCE IS 300 FT.

#### STAIRWAYS

- EXIT ACCESS STAIRWAYS: THE PATH OF EGRESS TRAVEL TO AN EXIT SHALL NOT PASS THROUGH MORE THAN ONE ADJACENT STORY (IBC 1006.3). AREA OF REFUGE IS NOT REQUIRED IN FULLY SPRINKLERED BUILDING (IBC
- 1009.3, EX. 5).
- DEAD ENDS (IBC 1020.4 & EXCEPTION 2) • WHERE MORE THAN ONE EXIT IS REQUIRED, DEAD END CORRIDORS ARE LIMITED TO: 50 FT (B OCCUPANCY).

#### EGRESS CAPACITY (IBC 1005.3) • STAIRWAYS (0.3" PER OCCUPANT)

OTHER EGRESS (0.2" PER OCCUPANT)

#### DOORS (IBC 1010)

- MINIMUM CLEAR WIDTH OF 32 INCHES, MAXIMUM DOOR LEAF WIDTH OF 48 INCHES (IBC 1010.1.1)
- DOORS SHALL SWING IN DIRECTION OF EGRESS TRAVEL WHERE SERVING AN
- OCCUPANT LOAD OF 50 OR MORE (IBC 1010.1.2.1). • IN A OCCUPANCY, ON DOORS SERVING OCCUPANT LOAD OF 50 OR MORE,
- LATCH/LOCK SHALL BE PANIC/FIRE EXIT HARDWARE (IBC 1010.1.10).

#### **PLUMBING FIXTURES**

PLUMBING FIXTURES SHALL BE INSTALLED PER IBC CHAPTER 29.

# PLUMBING FIXTURE CALCULATIONS

#### TOTAL OCCUPANTS: 1199 MALE: 599.5 (50%) FEMALE: 599.5 (50%)

GROUP	WATER (	CLOSETS	LAVATO	ORIES	DRINKING	OTHER
	MALE	FEMALE	MALE	FEMALE	FOUNTAINS	
Business <b>B</b> OCC: 910 M: 455 F: 455	and 1 per	the first 50 50 for the xceeding 50	and 1 per	r the first 80 80 for the xceeding 80	1 per 100	1 service sink
REQUIRED	10.10	10.10	6.69	6.69	9.10	1.00
Assembly A-2 OCC: 52	1 per 75	1 per 75	1 pe	r 200	1 Per 500	1 service sink
M: 26 F: 26						
REQUIRED	0.35	0.35	0.13	0.13	0.10	1.00
Assemblv <b>A-3</b> OCC: 237 M: 119 F: 119	1 per 150	1 per 75	1 pe	r 200	1 Per 1,000	1 service sink
REQUIRED	0.79	1.59	0.60	0.60	0.24	1.00
TOTALS						
REQUIRED	13	13	9	9	12	1
PROVIDED	16WC /	25	23	24	14	7

GENERAL	
G-001	COVER SHEET
ARCHITECTURAL	-
A-001	SYMBOLS - REFE
A-101	BASEMENT FLOO
A-102	GROUND FLOOR
A-103	2ND FLOOR PLAN
A-104	<b>3TH FLOOR PLAN</b>
A-105	4TH FLOOR PLAN
A-106	5TH FLOOR PLAN
A-107	6TH FLOOR PLAN
A-108	7TH FLOOR PLAN
A-109	MECHANICAL PE
A-110	ROOF PLAN

<b>RECORD DOCUMENTS</b>		Architects
THESE RECORD DOCUMENTS WERE DEVELOPED UNDER THE DIRECTION OF SMPC ARCHITECTS, PA. (SMPC) IN CONJUNCTION WITH THE CITY OF ALBUQUERQUE (COA) - JOB NO. 7224.002 - BETWEEN SEPTEMBER AND NOVEMBER 2021. THE ORIGINAL ARCHITECT-OF-RECORD FOR THE CITY BUILDING IS LAWRENCE A. GARCIA AND ASSOCIATES DATED 1974, AS IS COMMON WITH STRUCTURES OF THIS PERIOD, THE ORIGINAL RECORD DOCUMENTS ARE VIRTUALLY NONEXISTENT. COA COMMISSIONED SMPC TO CREATE A NEW SET OF 'AS-BUILT FLOOR PLANS, OR RECORD DOCUMENTS, FOR REFERENCE AND FOR FUTURE RENOVATIONS. IN THE DEVELOPMENT OF THESE RECORD DOCUMENTS, SMPC WAS NOT ABLE TO CONDUCT DESTRUCTIVE TESTING OR RELATED INVESTIGATION OF INACCESSIBLE AREAS OR SIGNIFICANTLY CONCEALED CONDITIONS. THEREFORE, SOME ASSUMPTIONS WERE MADE BY SMPC REGARDING EXISTING/ORIGINAL CONDITIONS. SMPC HAS ACTED IN GOOD FAITH IN THE DISCHARGE OF THESE DUTIES AND HAVE ATTEMPTED TO COMPILE AN ACCURATE AND THOROUGH SET OF RECORD DOCUMENTS FOR THE EXISTING BUILDING. HOWEVER, BECAUSE THESE RECORD DOCUMENTS FOR THE EXISTING BUILDING. HOWEVER, BECAUSE THESE RECORD DOCUMENTS ARE BASED IN PART UPON NON-VERIFIABLE INFORMATION, SMPC CANNOT AND DOES NOT WARRANT THEIR ACCURACY AND/OR COMPLETENESS, AND FURTHERMORE, SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED IN THESE RECORD DOCUMENTS. FURTHER INVESTIGATION AND VERIFICATION INCLUDING CODE ANALYSIS WILL BE REQUIRED BY OTHER PARTIES USING OR REFERENCING THESE MATERIALS.		RINCIPLES OF DESIGN. 219 Central Ave, NW, Suite #800 Albuquerque, New Mexico 87102 T 505 255 8668 F 505 268 6665 www.smpcarchitects.com
	RE	-BUILT CORD WINGS
	PLAZA DEL SOL AS-BUILT	AS-BUILT RECORD DRAWINGS 600 2ND STREET NW, ALBUQUERQUE, NM

NO	DATE	DESCRIPTION	
DATE:		3/24/22	
PROJEC	Т #:	21803	
DRAWN	BY:	Author	
CHECKED BY: Checker			
COPYRIGHT: SMPC Architects © 2022			
These documents were prepared for this specific project only. SMPC Architects' liability is limited to this specific project, and does not extend to reuse of these documents for other projects.			

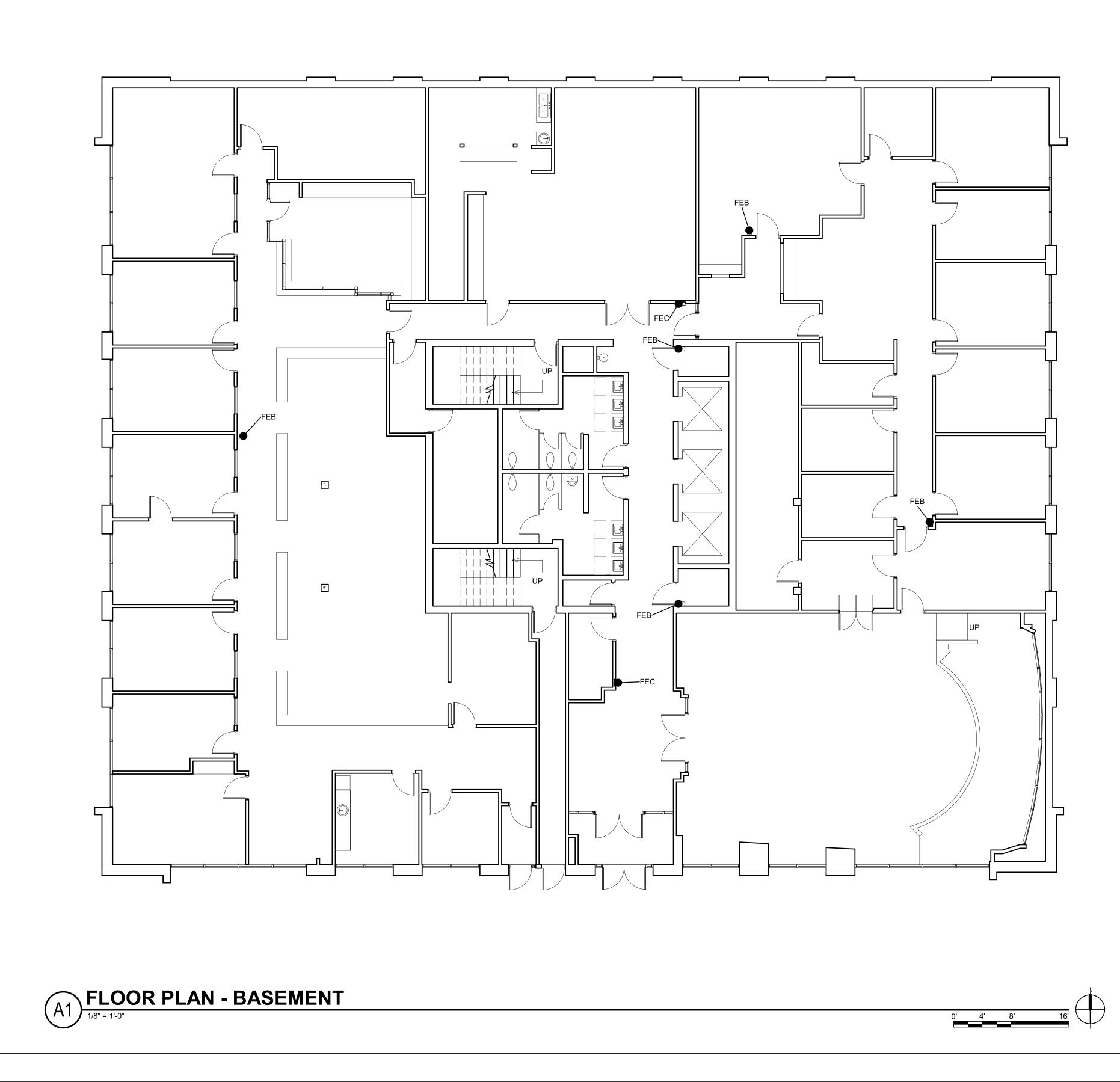
SHEET TITLE

# COVER SHEET G-001

# **INDEX OF DRAWINGS**

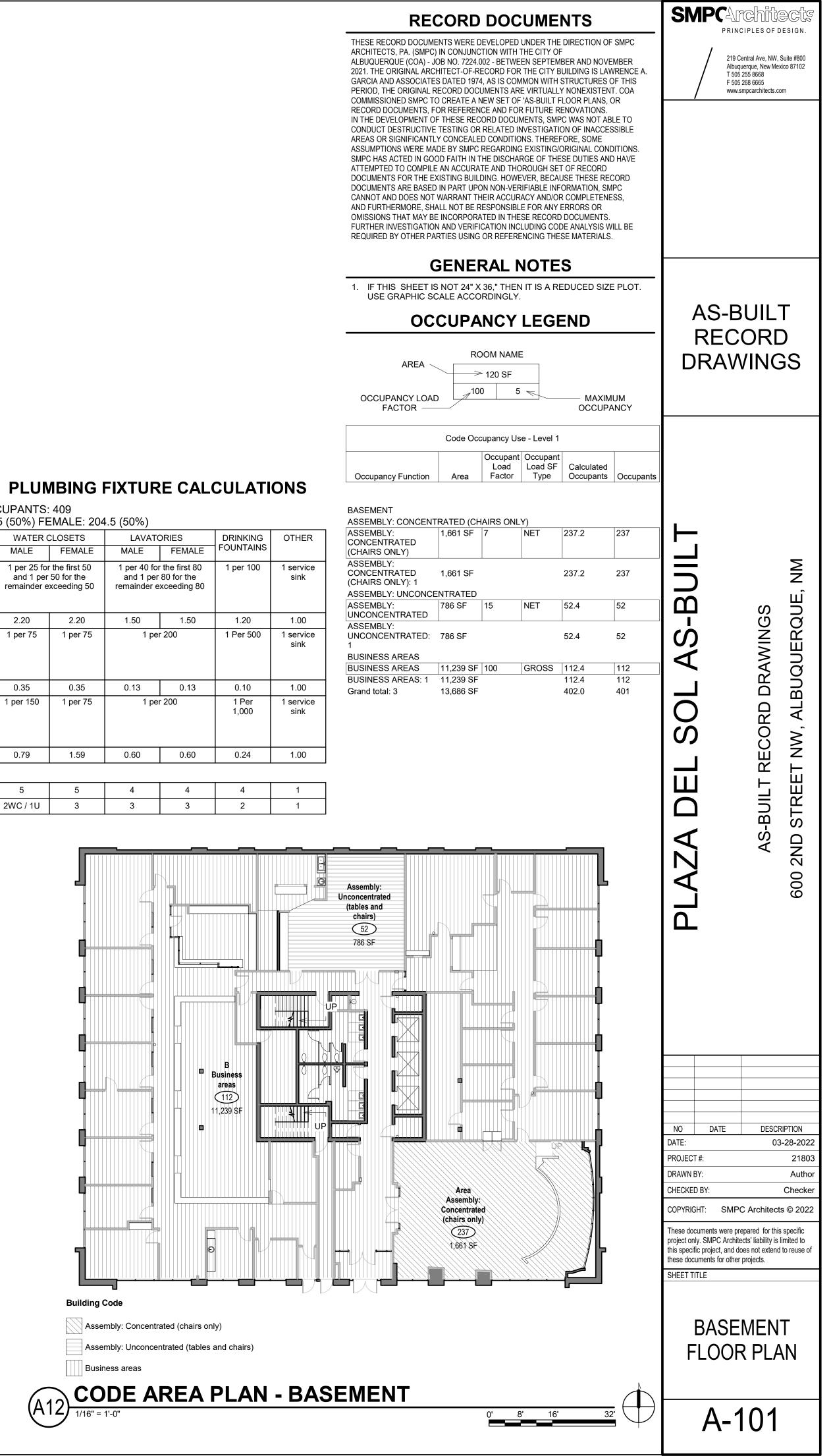
ERENCES & STANDARDS OR PLAN R PLAN

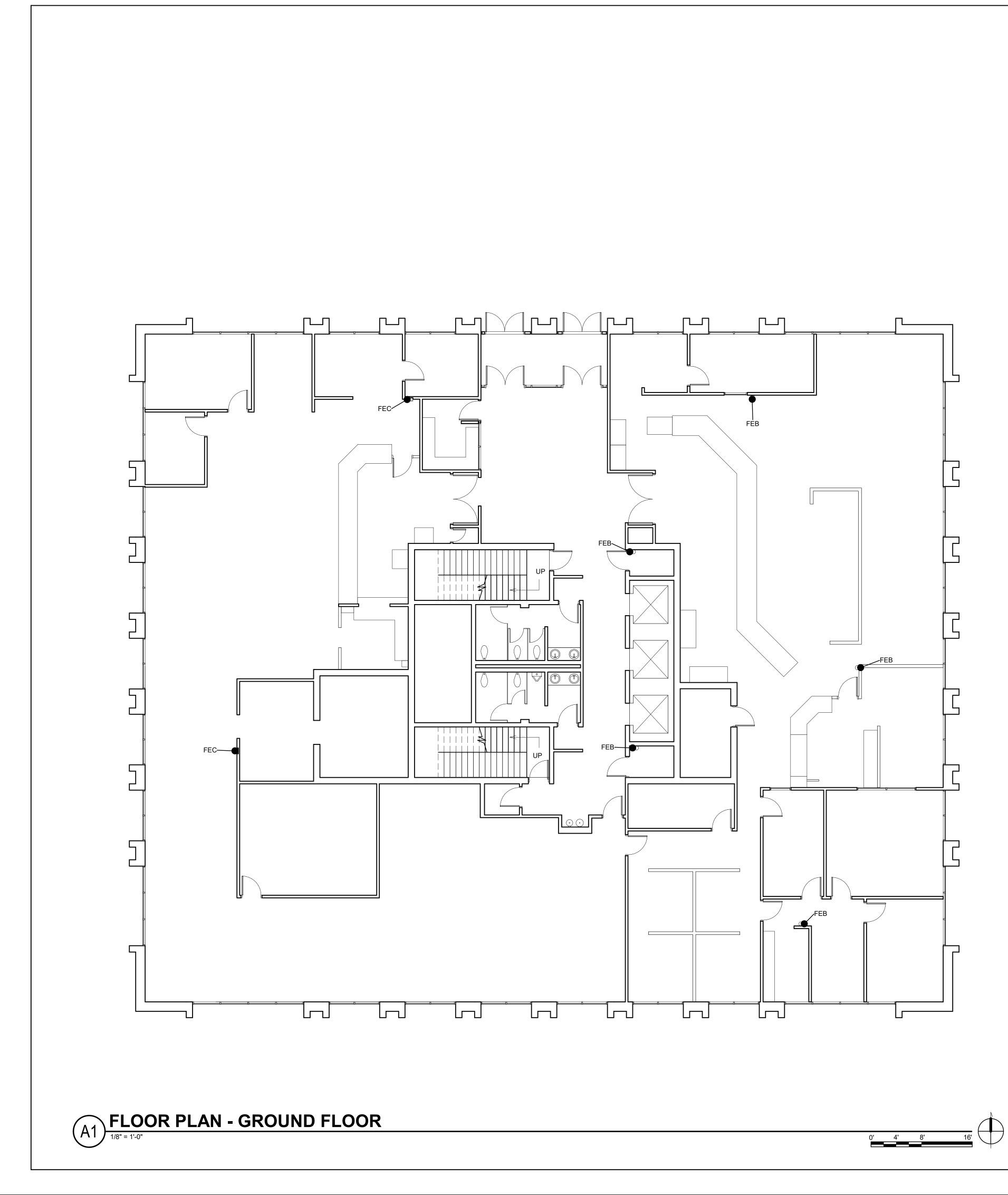
ENTHOUSE FLOOR PLAN

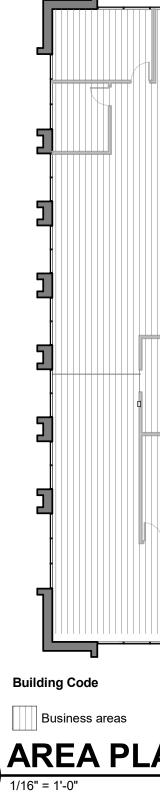


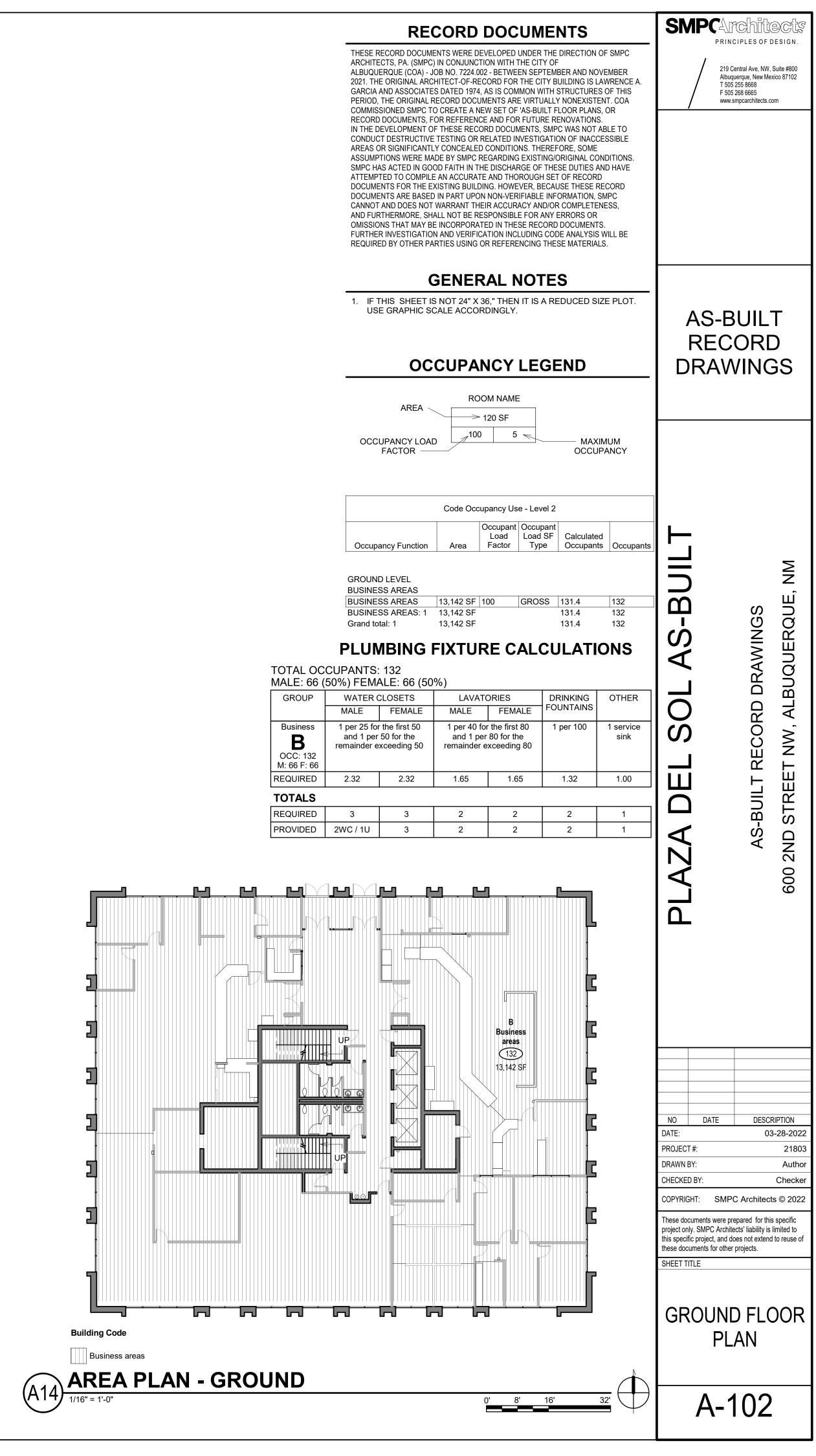
TOTAL OCCUPANTS: 409 MALE: 204.5 (50%) FEMALE: 204.5 (50%)

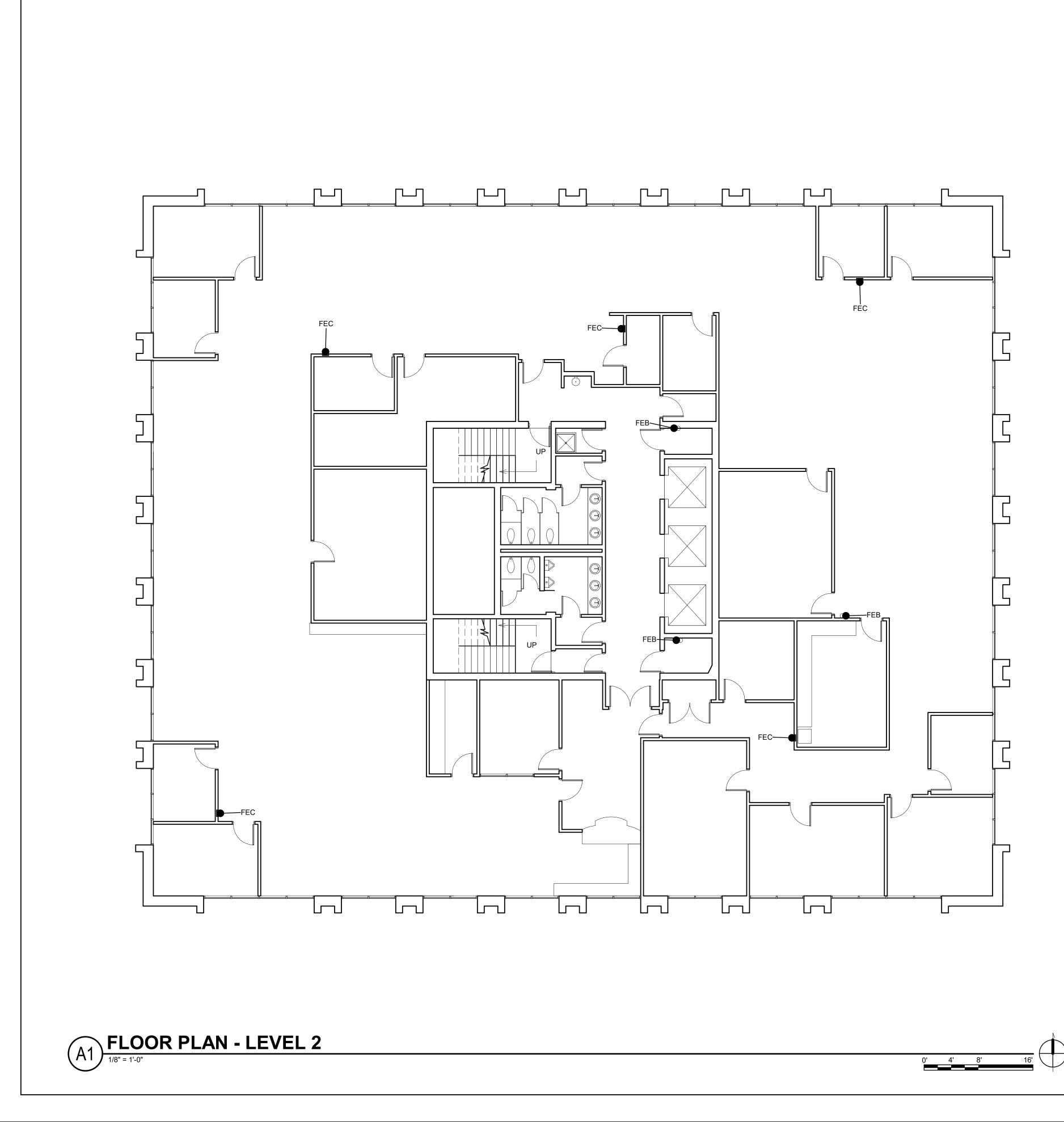
ALE: 204	.5 (50%) FE	EMALE: 204	.5 (50%)
GROUP	WATER (	CLOSETS	LAVATO
	MALE	FEMALE	MALE
Business B OCC: 120 M: 60 F: 60	and 1 per	the first 50 50 for the xceeding 50	1 per 40 for and 1 per remainder e
EQUIRED	2.20	2.20	1.50
Assembly <b>A-2</b> OCC: 52 M: 26 F: 26	1 per 75	1 per 75	1 pe
EQUIRED	0.35	0.35	0.13
Assembly <b>A-3</b> OCC: 237 : 119 F: 119	1 per 150	1 per 75	1 pe
EQUIRED	0.79	1.59	0.60
OTALS			
EQUIRED	5	5	4
ROVIDED	2WC / 1U	3	3

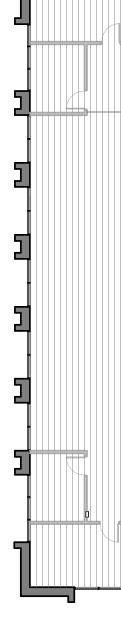


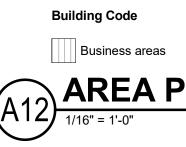


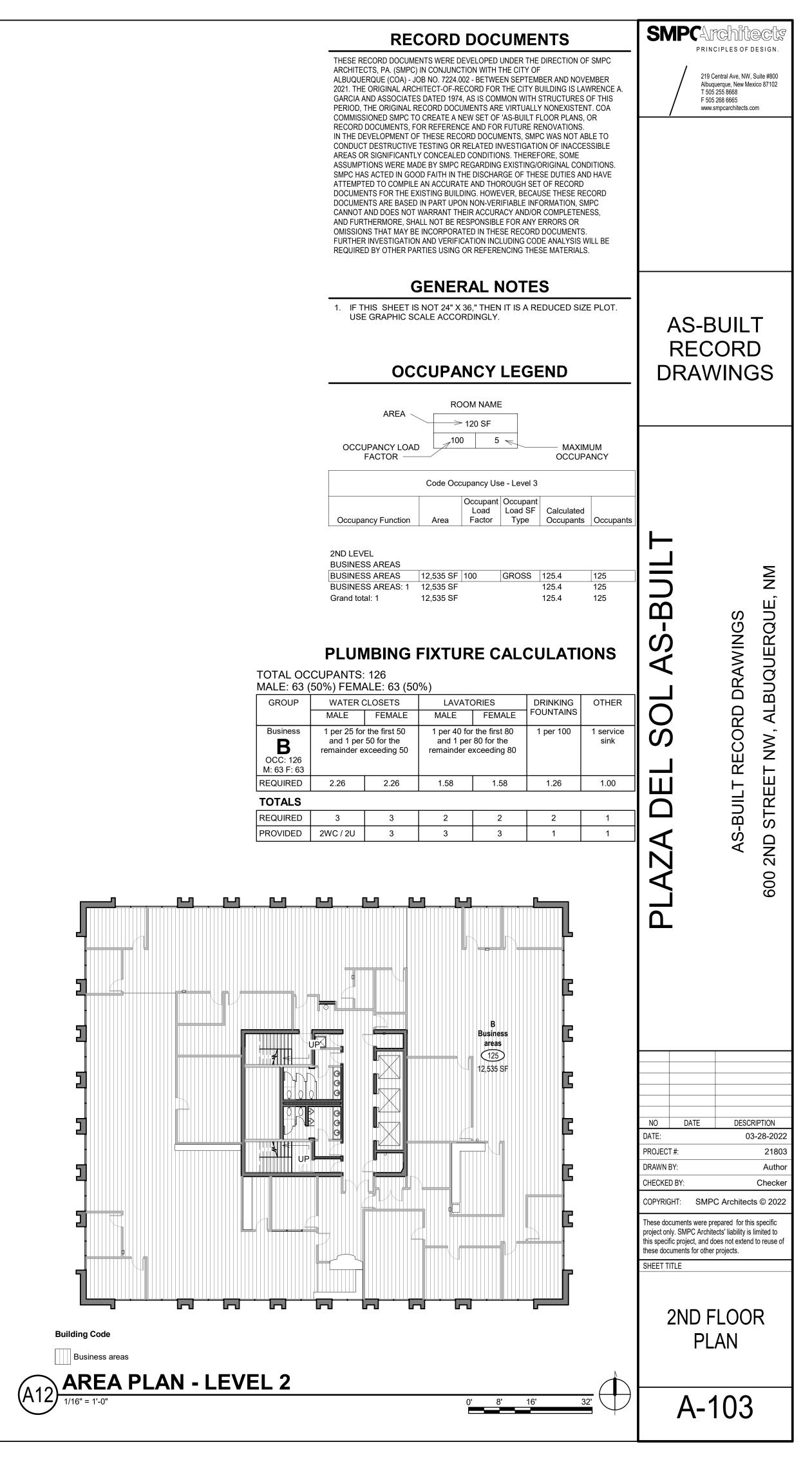




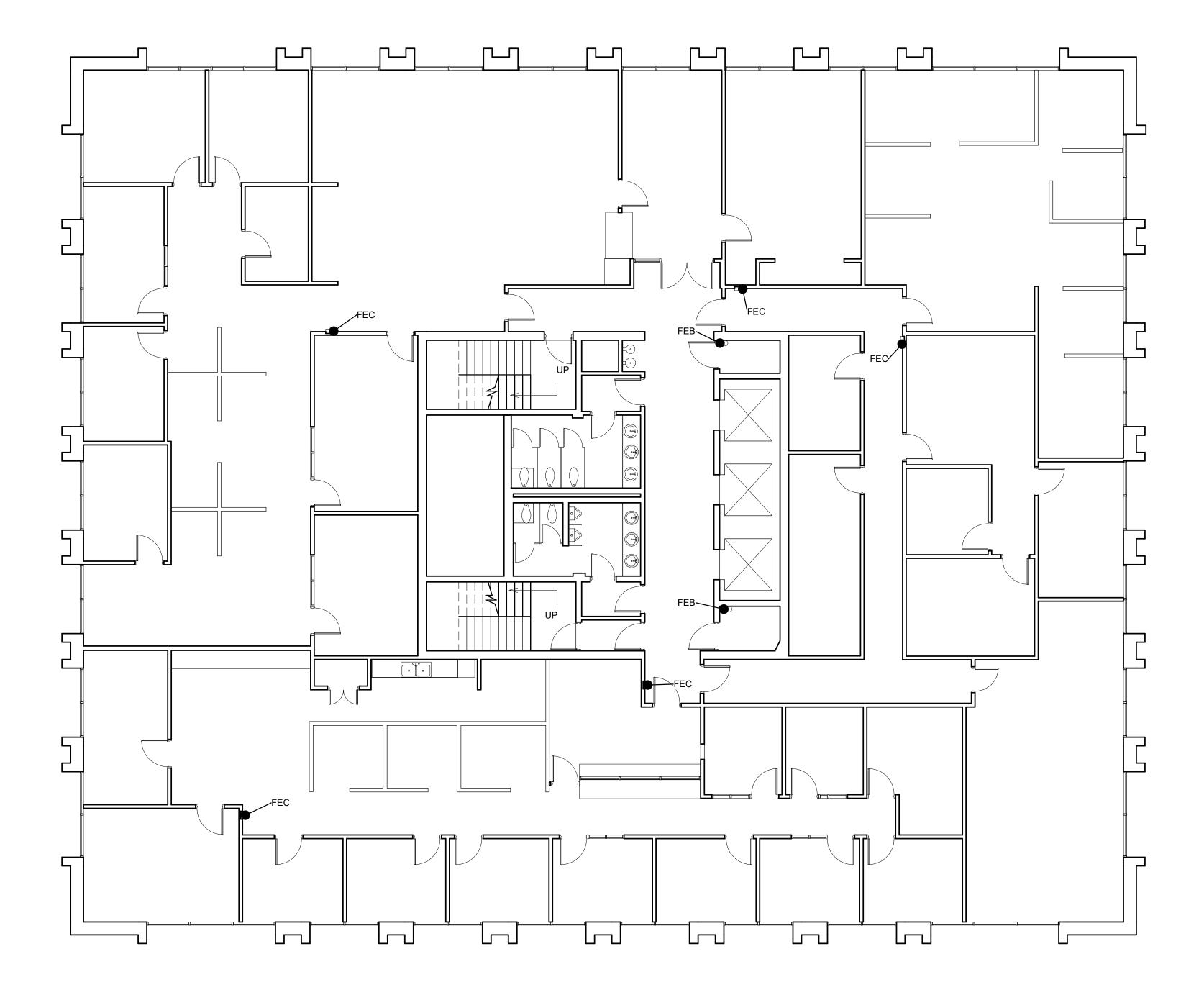


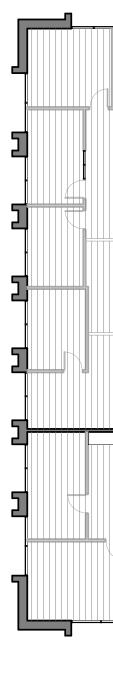


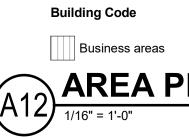


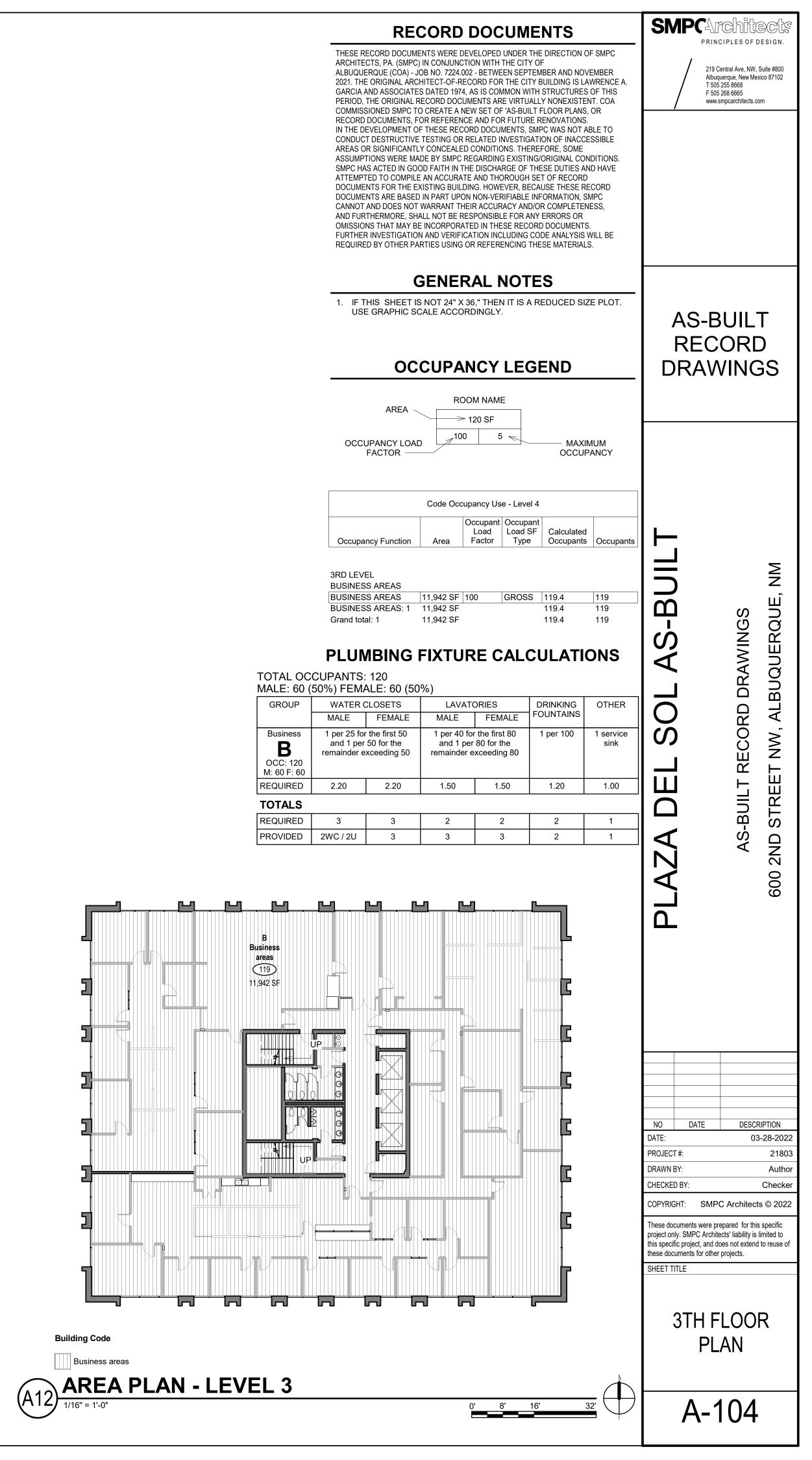




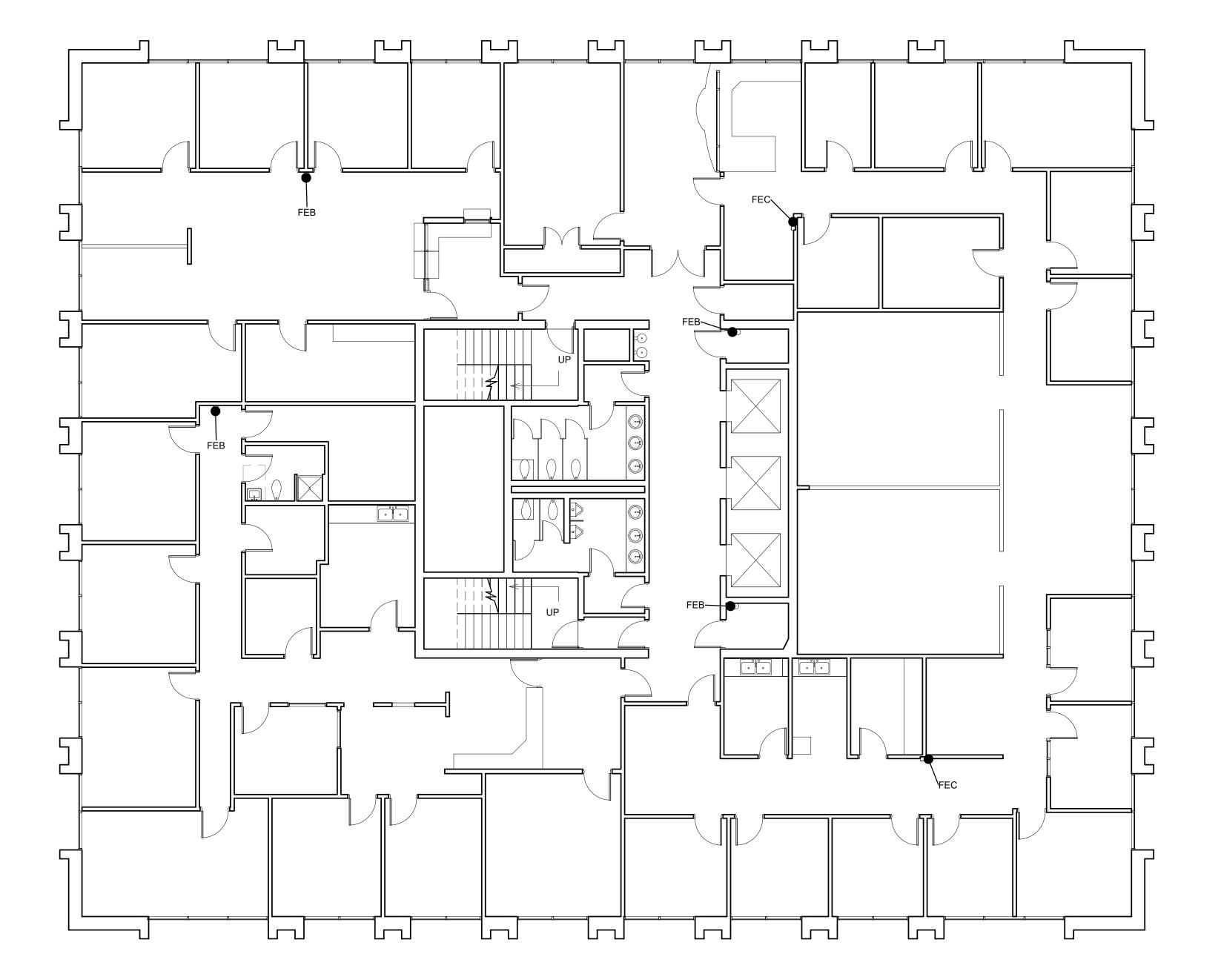


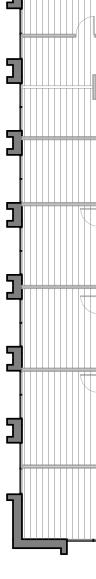


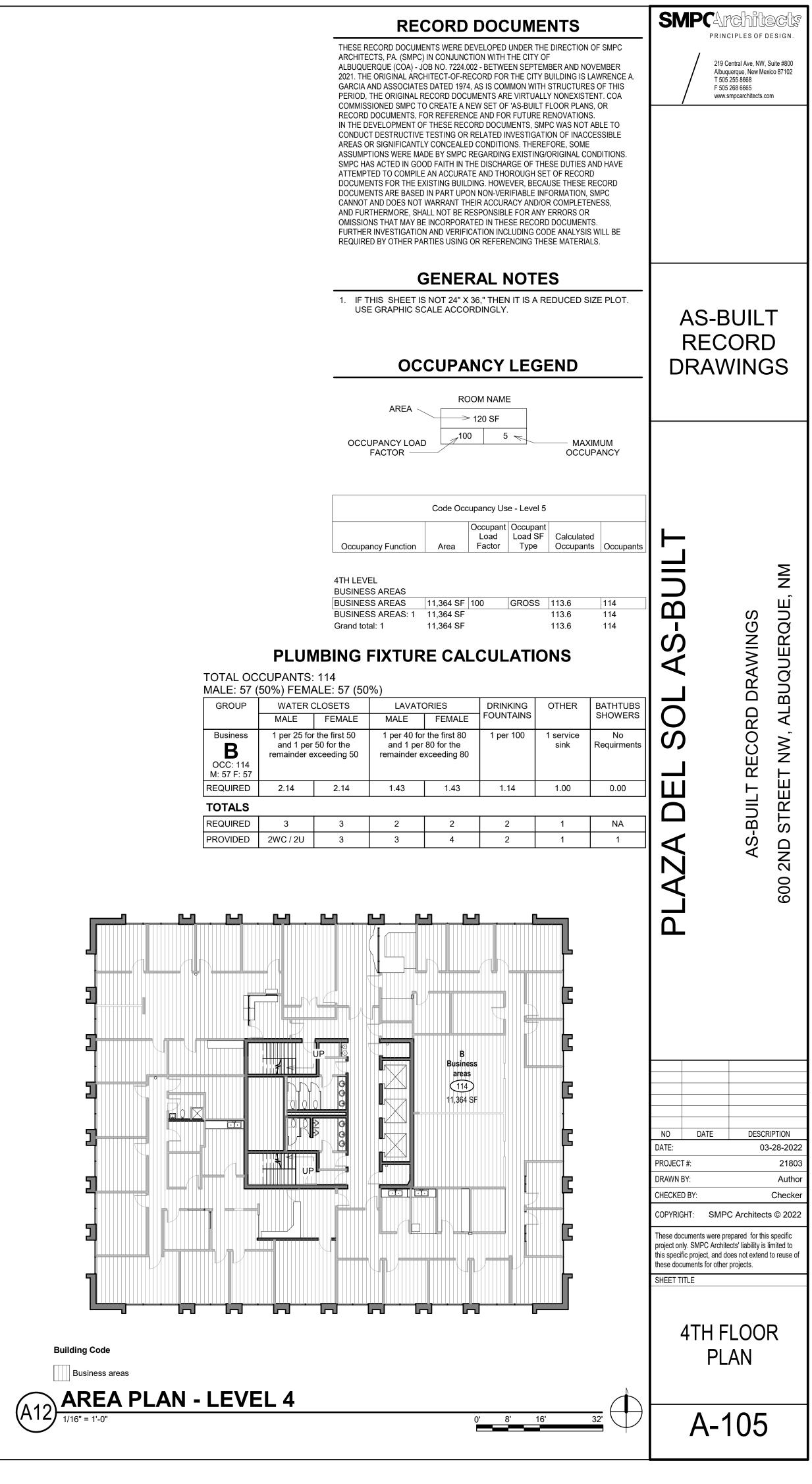




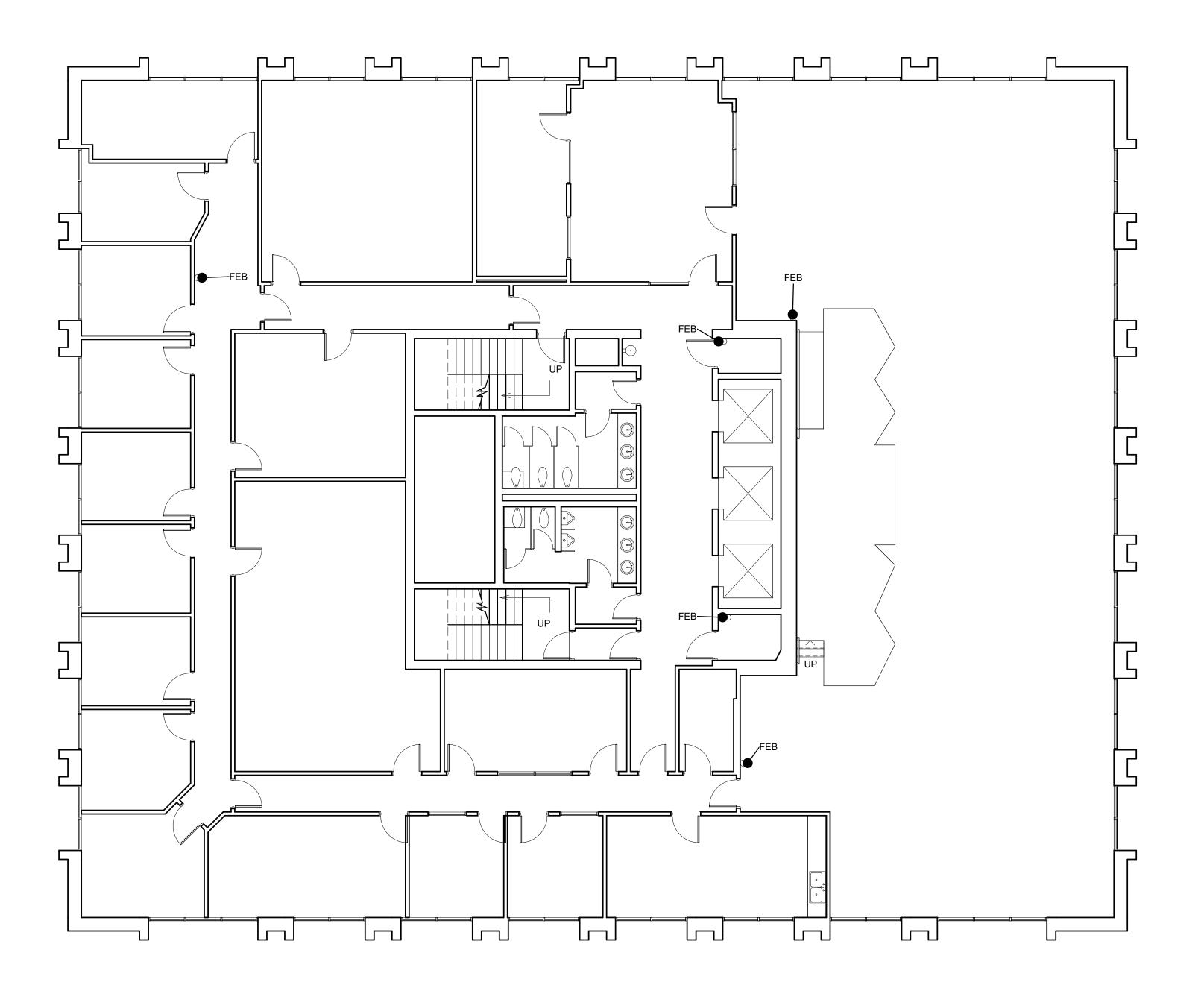


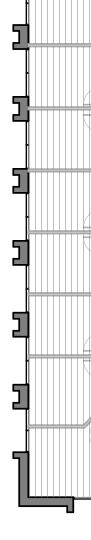


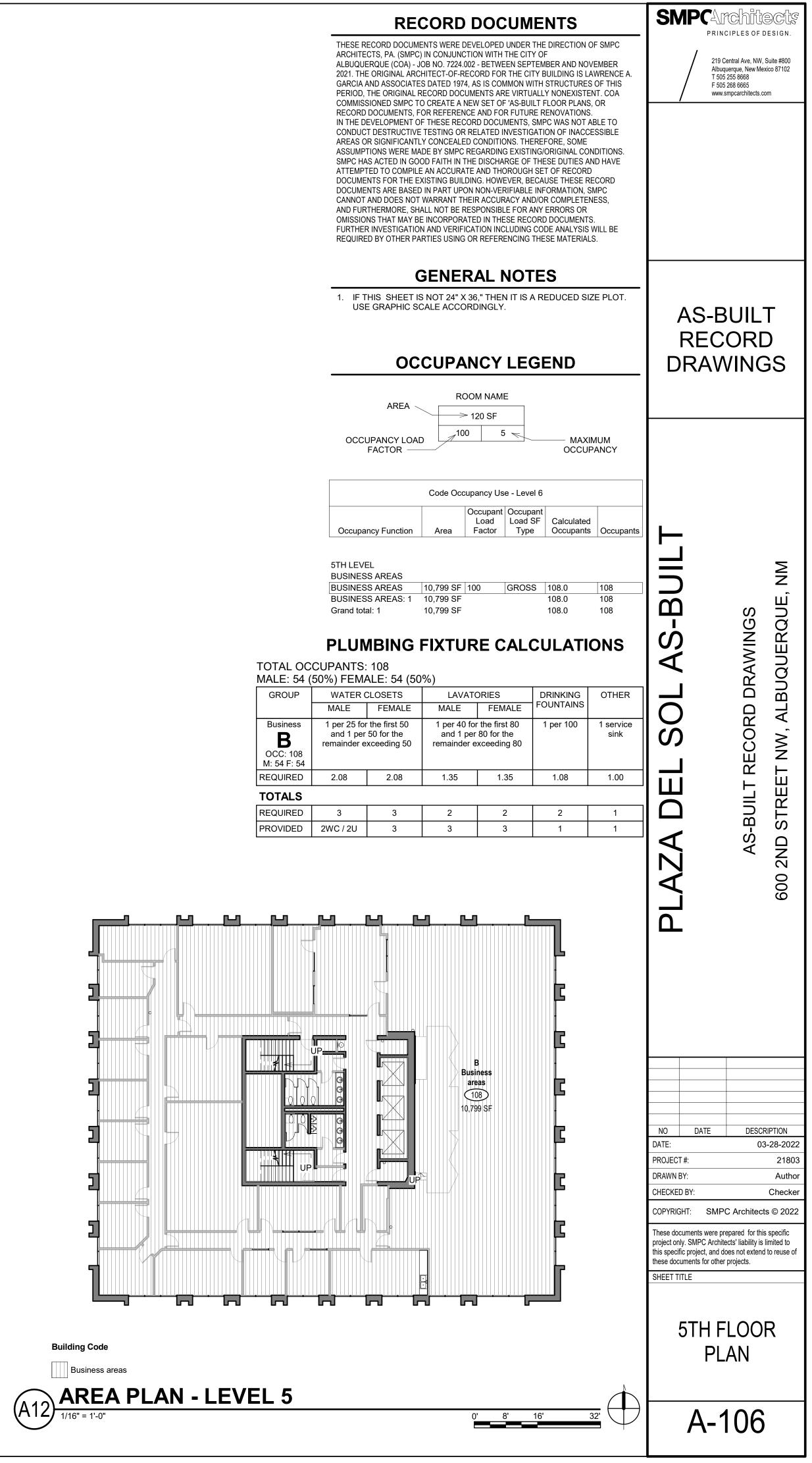




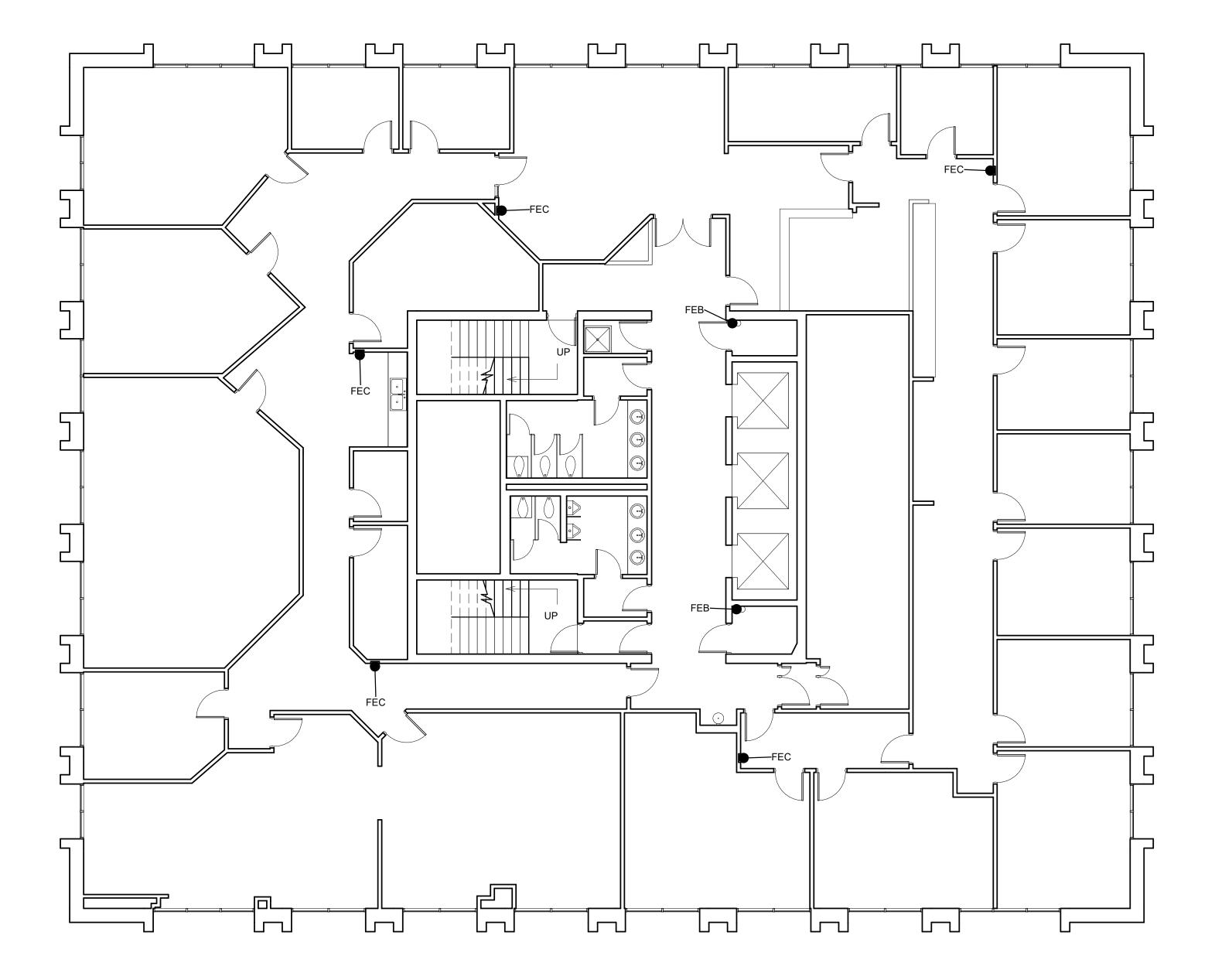


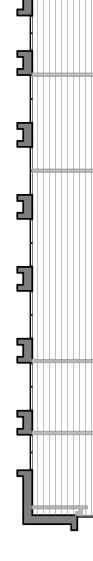


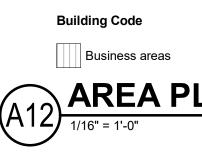




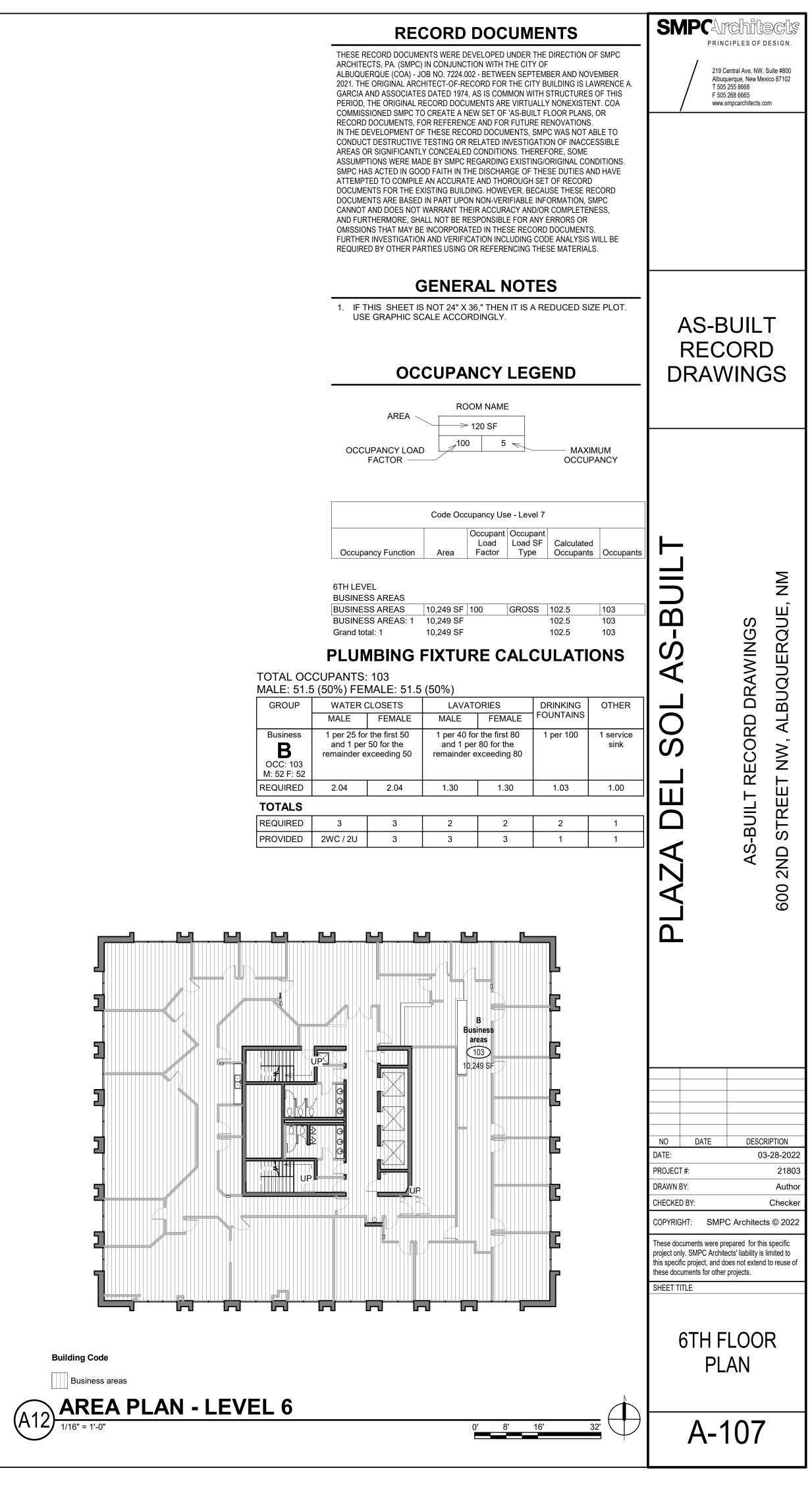




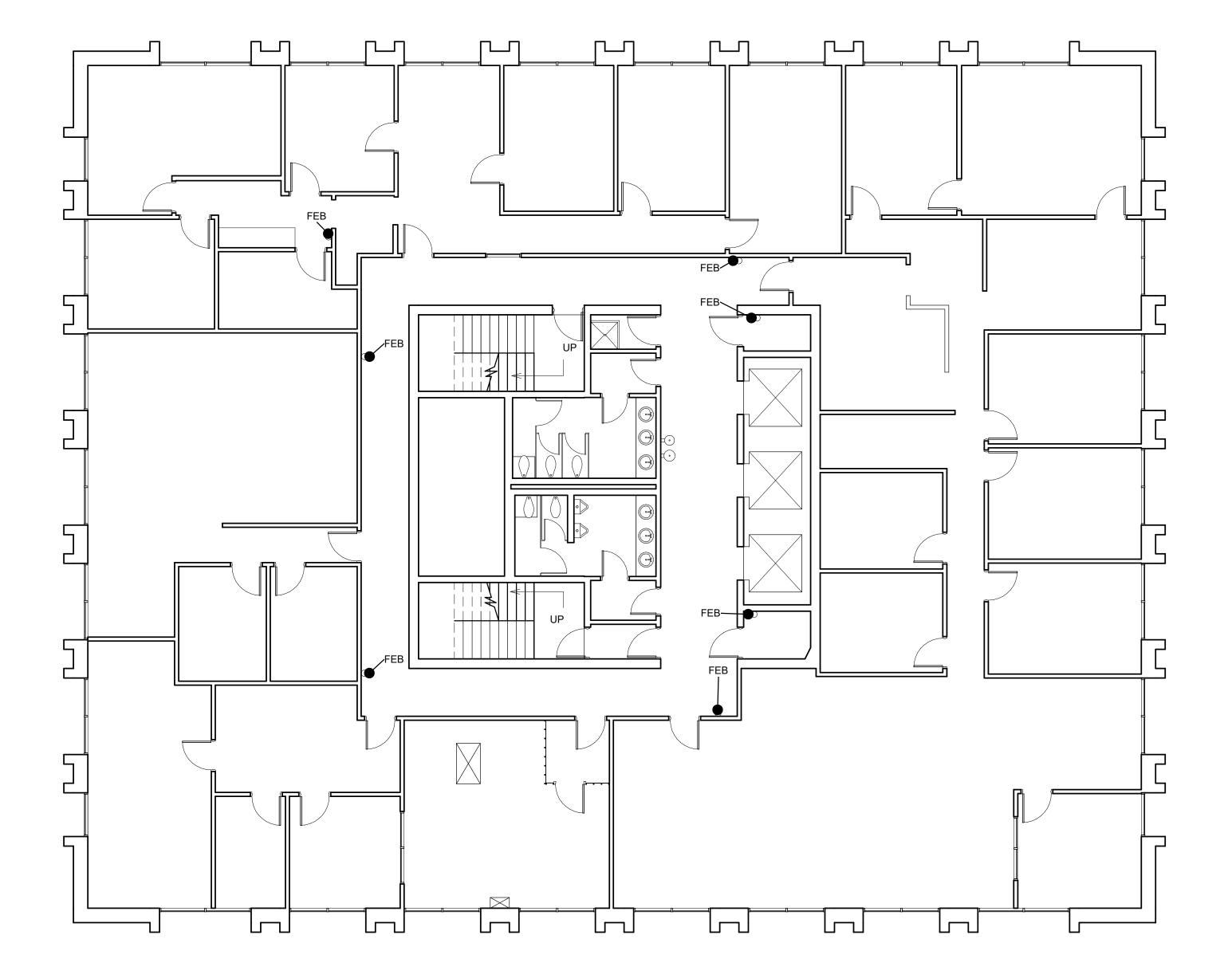


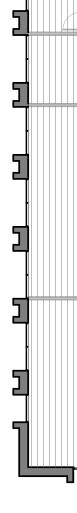


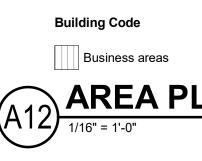
0' 4' 0' 8' 4' 8' 16'

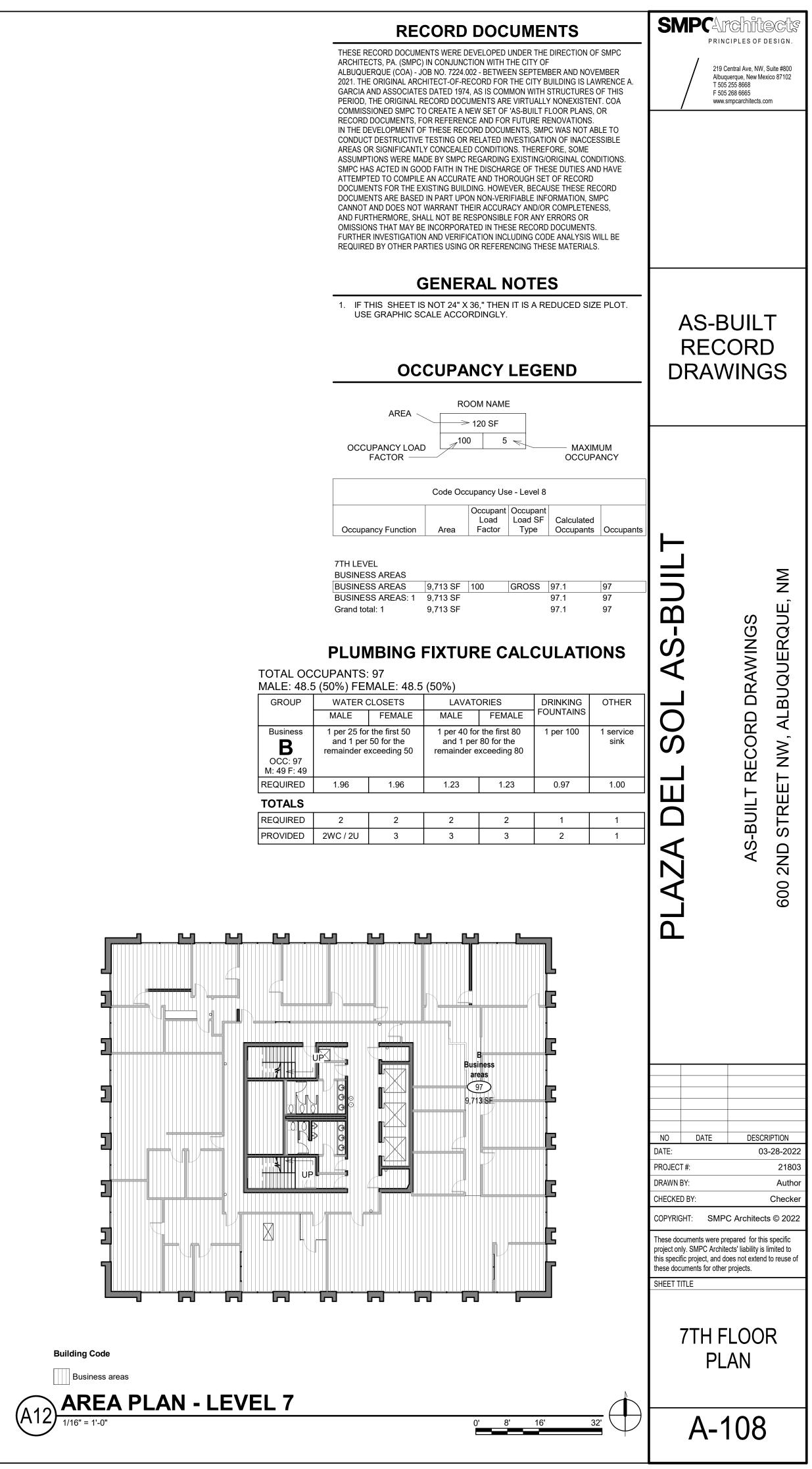


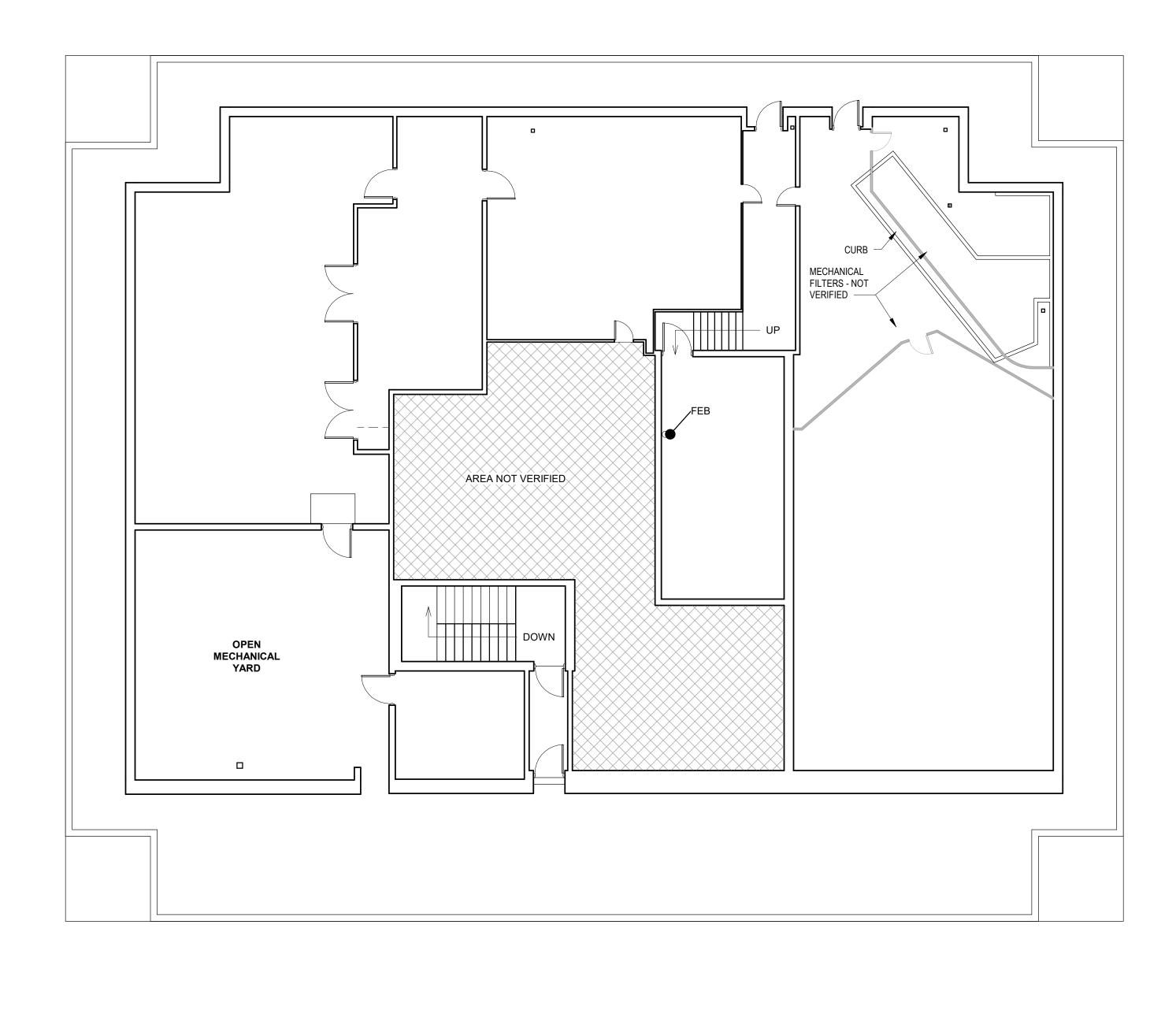




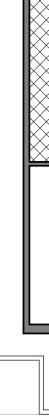


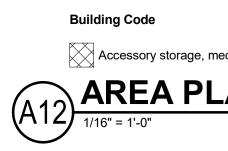






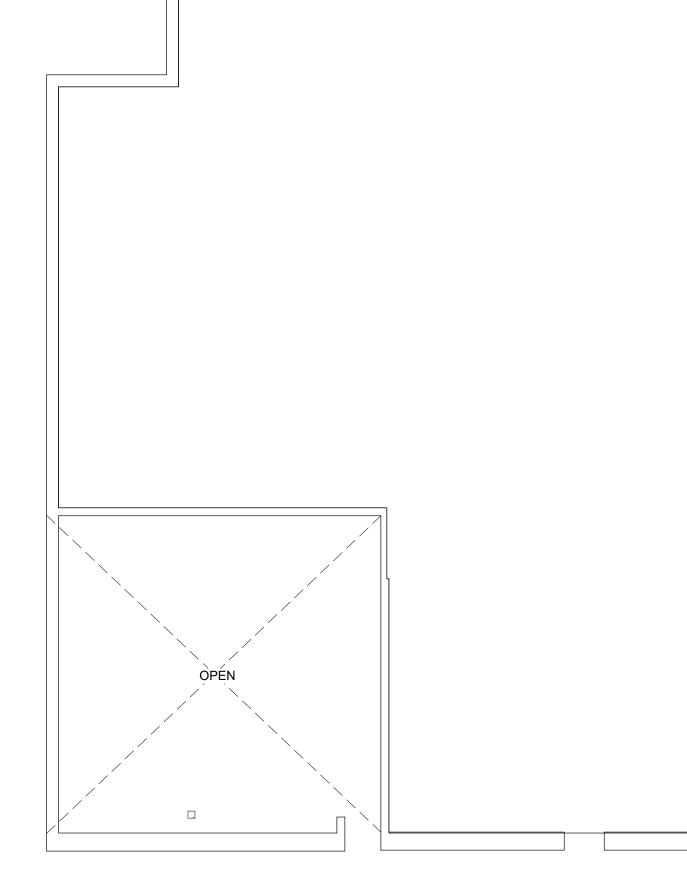
A1 FLOOR PLAN - MECHANICAL PENTHOUSE





THESE RECORD DOC ARCHITECTS, PA. (SM ALBUQUERQUE (COA 2021. THE ORIGINAL A GARCIA AND ASSOCI PERIOD, THE ORIGIN COMMISSIONED SMP RECORD DOCUMENT IN THE DEVELOPMEN CONDUCT DESTRUCT AREAS OR SIGNIFICA ASSUMPTIONS WERE SMPC HAS ACTED IN ATTEMPTED TO COM DOCUMENTS FOR TH DOCUMENTS ARE BA CANNOT AND DOES N AND FURTHERMORE, OMISSIONS THAT MA FURTHER INVESTIGA	ECORDEDCUENTS WERE DEVELOPED UNDER THE DIRECTION OF SMPC (PC) IN CONJUNCTION WITH THE CITY OF - JOB NO. 724.002 - BETWEEN SEPTEMBER AND NOVEMBER ACHITECT-OF-RECORD FOR THE CITY BUILDING IS LAWRENCE A. A TES DATED 1974, AS IS COMMON WITH STRUCTURES OF THIS A RECORD DOCUMENTS ARE VIRTUALLY NONEXISTENT. COA C TO CREATE A NEW SET OF 'AS-BUILT FLOOR PLANS, OR S, FOR REFERENCE AND FOR FUTURE RENOVATIONS. I OF THESE RECORD DOCUMENTS, SMPC WAS NOT ABLE TO TV CONCEALED CONDITIONS. THEREFORE, SOME MADE BY SMPC REGARDING EXISTING/ORIGINAL CONDITIONS. GOOD FAITH IN THE DISCHARGE OF THESE DUTIES AND HAVE PIE AN ACCURATE AND THOROUGH SET OF RECORD BEXISTING BUILDING. HOWEVER, BECAUSE THESE RECORD SODI NART UPON NON-VERIFIABLE INFORMATION, SMPC OT WARRANT THEIR ACCURACY AND/OR COMPLETENESS, SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR Y BE INCORPORATED IN THESE RECORD DOCUMENTS. TION AND VERIFICATION INCLUDING CODE ANALYSIS WILL BE A PARTIES USING OR REFERENCING THESE MATERIALS.	219 Central Albuquerqu T 505 255 8 F 505 268 6	ESOFDESIGN. Ave, NW, Suite #800 e, New Mexico 87102 3668
USE GRAPHIC		AS-BL RECO DRAWI	RD
	OCCUPANCY   Code Occupanty Use - Level 9   Area Occupant Factor Occupant Load SF Type Calculated Occupants Occupants   NICAL Sold SF 300 GROSS 19.0 19   5,688 SF 19.0 19 19 5,688 SF 19.0 19   Sold State	PLAZA DEL SOL AS-BUILT	AS-BUILT RECORD DRAWINGS 600 2ND STREET NW, ALBUQUERQUE, NM
Accessory mechanical 19 5688 SF 10 10 10 10 10 10 10 10 10 10		NO DATE DATE: PROJECT #: DRAWN BY: CHECKED BY: COPYRIGHT: SMPC AN These documents were prepare project only. SMPC Architects' I this specific project, and does n these documents for other proje SHEET TITLE MECHAN PENTHO	liability is limited to not extend to reuse of ects.
echanical AN - MECH PH	0' 8' 16' 32'	FLOOR A-1(	







16'

RECORD DOCUMENTS	•	Chitects Ciples of design.
THESE RECORD DOCUMENTS WERE DEVELOPED UNDER THE DIRECTION OF SMPC ARCHITECTS, PA. (SMPC) IN CONJUNCTION WITH THE CITY OF ALBUQUERQUE (COA) - JOB NO. 7224.002 - BETWEEN SEPTEMBER AND NOVEMBER 2021. THE ORIGINAL ARCHITECT-OF-RECORD FOR THE CITY BUILDING IS LAWRENCE A. GARCIA AND ASSOCIATES DATED 1974, AS IS COMMON WITH STRUCTURES OF THIS	Albuq T 505	ientral Ave, NW, Suite #800 uerque, New Mexico 87102 255 8668 268 6665
PERIOD, THE ORIGINAL RECORD DOCUMENTS ARE VIRTUALLY NONEXISTENT. COA COMMISSIONED SMPC TO CREATE A NEW SET OF 'AS-BUILT FLOOR PLANS, OR RECORD DOCUMENTS, FOR REFERENCE AND FOR FUTURE RENOVATIONS. IN THE DEVELOPMENT OF THESE RECORD DOCUMENTS, SMPC WAS NOT ABLE TO		mpcarchitects.com
CONDUCT DESTRUCTIVE TESTING OR RELATED INVESTIGATION OF INACCESSIBLE AREAS OR SIGNIFICANTLY CONCEALED CONDITIONS. THEREFORE, SOME ASSUMPTIONS WERE MADE BY SMPC REGARDING EXISTING/ORIGINAL CONDITIONS. SMPC HAS ACTED IN GOOD FAITH IN THE DISCHARGE OF THESE DUTIES AND HAVE ATTEMPTED TO COMPILE AN ACCURATE AND THOROUGH SET OF RECORD		
DOCUMENTS FOR THE EXISTING BUILDING. HOWEVER, BECAUSE THESE RECORD DOCUMENTS ARE BASED IN PART UPON NON-VERIFIABLE INFORMATION, SMPC CANNOT AND DOES NOT WARRANT THEIR ACCURACY AND/OR COMPLETENESS, AND FURTHERMORE, SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED IN THESE RECORD DOCUMENTS.		
FURTHER INVESTIGATION AND VERIFICATION INCLUDING CODE ANALYSIS WILL BE REQUIRED BY OTHER PARTIES USING OR REFERENCING THESE MATERIALS.		
<b>GENERAL NOTES</b> 1. IF THIS SHEET IS NOT 24" X 36," THEN IT IS A REDUCED SIZE PLOT. USE GRAPHIC SCALE ACCORDINGLY.		
USE GRAFHIC SCALE ACCORDINGET.		ORD
	DRAV	VINGS
		5
	BU	JE, N
	- S-I	VING\$ ERQU
	SOL AS-BUILT	DRAV 3UQU
	000	ORD V, ALI
		T RECORD DRAWINGS EET NW, ALBUQUERQU
		AS-BUILT RECORD DRAWINGS 600 2ND STREET NW, ALBUQUERQUE, NM
	ZA	AS. 2ND
		600
	NO DATE	DESCRIPTION
	DATE: PROJECT #: DRAWN BY:	03-28-2022 21803 Author
	CHECKED BY: COPYRIGHT: SMP	Checker C Architects © 2022
	These documents were pr project only. SMPC Archite this specific project, and d these documents for other	ects' liability is limited to bes not extend to reuse of
	SHEET TITLE	
	ROOF	PLAN
0' 8' 16' 32'	A-1	110
	L	