PLANNING APPLICATION SUBMISSION FOR:

BESPOKE
401-445 S B STREET
SAN MATEO, CA 94401

PLANNING APPLICATION SUBMISSION FOR:

4TH & RAILROAD
307 E 4TH AVENUE
SAN MATEO, CA 94401

RMW
Architecture
Interiors

30 E Santa Clara St.
Suite 200
San Jose
California 95113

Office
408 294-8000

Fax
408 294-1747

rmw.com

CLIENT:

HARVEST PROPERTIES

PROJECT NAME & ADDRESS:

BESPOKE

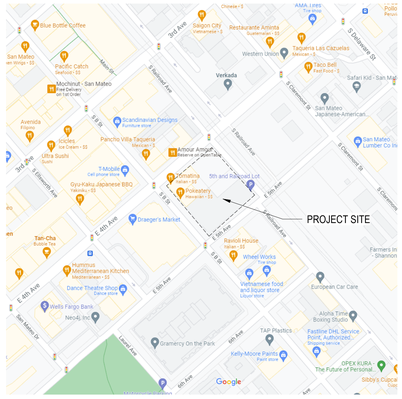
445 S B STREET
SAN MATEO, CA, 94401

ISSUE:	PLANNING APPLICATION RESUBMITTAL #2
ISSUE DATE:	01/29/2024

REVISIONS :

#	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

VICINITY MAP



GENERAL INFORMATION

ADDRESS OF PROJECT:	
COMMERCIAL:	401-445 S B STREET SAN MATEO, CA 94401
RESIDENTIAL	307 E 4TH AVENUE SAN MATEO, CA 94401
ASSESSOR'S PARCEL NUMBER:	034-179-010, 034-179-020, 034-179-030, 034-179-040, 034-179-050, 034-179-060
EXISTING ZONING DISTRICT:	CENTRAL BUSINESS DISTRICT (CBD/R)
2009 DOWNTOWN PLAN AREA:	DOWNTOWN RETAIL CORE
LOT SIZE (SQ. FT.):	+/- 50,600 SQ. FT.
FLOOR AREA RATIO (FAR):	3.0
ALLOWABLE BUILDING AREA:	151,800 SQ. FT. (3.0 FAR)
FRONT SETBACK:	NONE
SIDE SETBACK:	NONE
REAR SETBACK:	NONE
EXISTING GROSS BUILDING AREA:	BUILDING 1 (302 E. 4TH AVE): 5,500 SF BUILDING 2 (407-411 S B ST): 4,152 SF BUILDING 3 (415-445 S B ST): 36,049 SF TOTAL: 45,701 SF

PARKING CALCULATIONS

PARKING ZONE: CPID LIMITED PARKING ZONE (LPZ)

REQUIRED (SMMC 27.64.100)	
RETAIL (1.3/1,000):	23 STALLS
OFFICE (2.6/1,000):	374 STALLS
RESIDENTIAL (0.5/UNIT):	30 STALLS

NOTE: AB2097 RELIEVES PROJECT OF PARKING REQUIREMENTS

PROVIDED	COMMERCIAL	RESIDENTIAL
STANDARD:	33	11
COMPACT:	32	0
STACKER:	39	22
ACCESSIBLE (CBC 11B):	4 STD / 1 VAN	1 STD / 1 VAN
ACCESSIBLE EV:	1 STD / 1 VAN	1 VAN
TOTAL:	109	68
EVCS/EV CAPABLE:	25/27	6/31

NOTE: EV STALLS ARE NOT DISTINGUISHED IN TOTAL

BIKE PARKING	
COMMERCIAL	
SHORT TERM REQ'D - OFFICE (1/20,000 SF):	8
SHORT TERM REQ'D - RETAIL (1/2,000 SF):	7
LONG TERM REQ'D - OFFICE (1/10,000 SF):	15
LONG TERM REQ'D - RETAIL (1/12,000 SF):	1
PROVIDED SHORT TERM:	16
PROVIDED LONG TERM:	56
RESIDENTIAL	
SHORT TERM REQ'D - S & 1 BR (0.05/UNIT):	2
2 BR & 3 BR(0.1/UNIT):	6
LONG TERM REQ'D - S & 1 BR (1/UNIT):	27
2 BR (1.25/UNIT:	28
3 BR (1.5/UNIT):	28
PROVIDED SHORT TERM:	8
PROVIDED LONG TERM:	84

PROPOSED BUILDING AREA

PROPOSED BUILDING AREA PER SMMC 27.04.200:

COMMERCIAL:		RESIDENTIAL:	
1ST FLOOR	30,167 SF	1ST FLOOR	15,532
2ND FLOOR	29,067	2ND FLOOR	11,036
3RD FLOOR	29,067	3RD FLOOR	11,079
4TH FLOOR	29,067	4TH FLOOR	11,079
5TH FLOOR	27,552	5TH FLOOR	11,079
6TH FLOOR	12,250	6TH FLOOR	11,079
TOTAL	152,870 SF	7TH FLOOR	11,079
		TOTAL	81,963

TOTAL: 244,833 SF (4.84 FAR, INCREASED BY CA STATE DENSITY LAWS)

SHEET INDEX

ISSUE LOG KEY:
X ISSUED AS PART OF THIS SET
R ISSUED FOR REFERENCE ONLY

SHEET #	SHEET NAME	PLANNING APPLICATION 02/01/2023	PLANNING RESUBMITTAL 10/10/2023	PLANNING RESUBMITTAL#2 01/29/2024	SSUE #4	SSUE #5	REMARKS
ARCHITECTURAL							
A0.1	COVER SHEET	X	X	X			
A0.2	PROJECT INFORMATION	X	X	X			
A0.3	BASEMENT AND FIRST FLOOR CODE PLANS	X	X	X			
A0.4	SECOND AND THIRD FLOOR CODE PLANS	X	X	X			
A0.5	FOURTH AND FIFTH FLOOR CODE PLANS	X	X	X			
A0.6	SIXTH FLOOR CODE PLAN		X	X			
A0.7	RENDERINGS	X	X	X			
A0.8	RENDERINGS	X	X	X			
A0.9	RENDERINGS	X	X	X			
A0.10	RENDERINGS	X	X	X			
A0.11	RENDERINGS	X	X	X			
A0.12	NEIGHBORHOOD CONTEXT	X	X	X			
A0.13	SHADOW STUDIES	X	X	X			
A0.14	SHADOW STUDIES	X	X	X			
A0.15	SHADOW STUDIES	X	X	X			
A0.16	FLOOR AREA PLANS		X	X			
A0.17	FLOOR AREA PLANS		X	X			
A0.18	FLOOR AREA PLANS		X	X			
A0.19	FLOOR AREA PLANS		X	X			
A0.20	BUILDING MASSING DIAGRAMS		X	X			
A0.21	SKETCH LANDSCAPE DIAGRAM		X	X			
A0.22	ALLOWABLE OPENINGS			X			
A1.0	EXISTING SITE PLAN	X	X	X			
A1.1	PROPOSED SITE PLAN	X	X	X			
A2.0	BASEMENT PLAN	X	X	X			
A2.1	FIRST FLOOR PLAN	X	X	X			
A2.2	SECOND FLOOR PLAN	X	X	X			
A2.3	THIRD FLOOR PLAN	X	X	X			
A2.4	FOURTH FLOOR PLAN	X	X	X			
A2.5	FIFTH FLOOR PLAN	X	X	X			
A2.6	SIXTH FLOOR PLAN		X	X			
A2.7	ROOF PLAN	X	X	X			
A3.0	EXTERIOR ELEVATIONS	X	X	X			
A3.1	EXTERIOR ELEVATIONS	X	X	X			
A3.2	STOREFRONT OPTIONS AND SECTIONS		X	X			
A3.3	MATERIAL BOARD, ENLARGED PLANS, ELEVATIONS	X	X	X			
A4.0	BUILDING SECTIONS	X	X	X			
A5.0	ACCESSIBILITY DETAILS	X	X	X			
A5.1	ACCESSIBILITY DETAILS	X	X	X			
SURVEY							
	TOPOGRAPHIC SURVEY	X	X	X			
CIVIL							
C1.00	EXISTING CONDITIONS	X	X	X			
C2.00	CONCEPT GRADING AND DRAINAGE	X	X	X			
C2.10	CONCEPT STREET IMPROVEMENT SITE PLAN	X	X	X			
C3.00	CONCEPT DEMO UTILITIES	X	X	X			
C3.01	CONCEPT UTILITIES	X	X	X			
C4.00	CONCEPT STORMWATER MANAGEMENT PLAN - ON-SITE	X	X	X			
C4.01	CONCEPT STORMWATER MANAGEMENT PLAN - OFF-SITE	X	X	X			
C5.00	CONCEPT STORM DRAIN CAPACITY STUDY	X	X	X			
C6.00	CONCEPT TURNING ANALYSIS STUDY	X	X	X			
LANDSCAPE							
L0.0	OPEN SPACE DIAGRAMS	X	X	X			
L0.1	ARBORIST REPORT		X	X			
L0.2	ARBORIST REPORT		X	X			
L0.3	ARBORIST REPORT		X	X			
L0.4	TREE SAMPLING FORM		X	X			
L0.5	TREE DISPOSITION PLAN		X				
L1.0	LANDSCAPE PLAN, GROUND LEVEL	X	X	X			
L1.1	LANDSCAPE PLAN, 6TH LEVEL	X	X	X			
L2.0	IRRIGATION PLAN, GROUND LEVEL	X	X	X			
L2.1	IRRIGATION PLAN, 6TH LEVEL	X	X	X			
L2.2	IRRIGATION NOTES AND LEGEND	X	X	X			
TRASH							
T0.0	COMMERCIAL TRASH ROUTE/STAGING PLAN			X			
T0.1	COMMERCIAL TRASH ROOM PLAN			X			
RESIDENTIAL ARCHITECTURAL							
AR0.01	PROJECT INFORMATION	X	X	X			
AR0.31	EGRESS DIAGRAM FLOOR 1		X	X			
AR0.32	EGRESS DIAGRAM FLOOR 2		X	X			
AR0.33	EGRESS DIAGRAM FLOOR 3-7		X	X			
AR0.34	EGRESS DIAGRAM ROOF		X	X			
AR0.41	ALLOWABLE AREA & OPENINGS		X	X			
AR0.42	ALLOWABLE AREA & OPENINGS		X	X			
AR0.43	ALLOWABLE AREA & OPENINGS		X	X			
AR1.00	SITE PLAN	X	X	X			
AR2.01	FLOOR 1 PLAN	X	X	X			
AR2.02	FLOOR 2 PLAN	X	X	X			
AR2.03	FLOORS 3-7 PLAN	X	X	X			
AR2.04	ROOF PLAN	X	X	X			
AR3.01	BUILDING MATERIAL ELEVATIONS	X	X	X			
AR3.02	PERSPECTIVE VIEW RENDERINGS	X	X	X			
AR3.03	MATERIAL BOARD	X	X	X			
AR3.05	UNIT NATURAL LIGHT CONDITIONS			X			
AR3.06	UNIT NATURAL LIGHT CONDITIONS			X			
AR3.10	BUILDING ELEVATIONS	X	X	X			
AR3.20	BUILDING SECTIONS	X	X	X			
AR3.21	STREET WALL SECTION EXHIBITS	X	X	X			
AR10.40	WINDOW & STOREFRONT TYPES		X	X			
AR10.41	WINDOW DETAILS		X	X			
RESIDENTIAL LANDSCAPE							
LR1.0	LANDSCAPE PLAN LEVEL 2 AMENITY TERRACE	X	X	X			
LR1.1	LANDSCAPE RENDERINGS AMENITY TERRACE	X	X	X			
LR2.0	IRRIGATION PLAN LEVEL 2 AMENITY TERRACE		X	X			
LR2.1	IRRIGATION NOTES AND LEGEND		X	X			
RESIDENTIAL TRASH							
TR0.0	RESIDENTIAL TRASH ROUTE/STAGING PLAN			X			
TR0.1	RESIDENTIAL TRASH ROOM PLAN			X			
TR1.1	SECTIONS AT RESIDENTIAL TRASH ROOM			X			
TR2.0	CHUTE DETAILS			X			

SHEET TOTAL: 93

SCALE: 12" = 1'-0"

PROJECT NUMBER: 2202017.3
DRAWN BY: Author
CHECKED BY: Checker

STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
COVER SHEET

SHEET NUMBER:
A0.1

Plot date: 1/29/2024 3:34:07 PM

BESPOKE
401-445 S B STREET
SAN MATEO, CA 94401

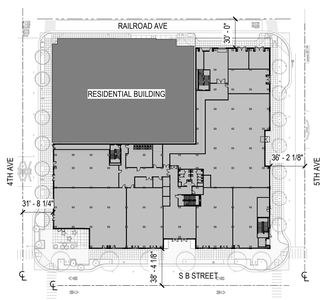
FRONTAGE INCREASE CALCULATIONS

TYPE III-A CONSTRUCTION, SPRINKLERED, SEPARATED OCCUPANCIES

ALLOWABLE AREAS PER FLOOR (CBC TABLE 506.2) (SM):

A-3: A_t (SM): 42,000 SF NS: 14,000 SF
M: A_t (SM): 55,500 SF NS: 18,500 SF
B: A_t (SM): 85,500 SF NS: 28,500 SF

FRONTAGE INCREASE (CBC 506.3):



PERCENTAGE OF BUILDING PERIMETER ON PUBLIC WAY OR OPEN SPACE: 71.6%

SMALLEST PUBLIC WAY OR OPEN SPACE: 30' - 0"

I_f - FRONTAGE INCREASE FACTOR (CBC TABLE 506.3.3): 0.50

BUILDING AREA CALCULATIONS

ALLOWABLE AREAS PER FLOOR (CBC TABLE 506.2.2) (CBC 506.3, SEE CALCULATION ADJACENT):

$A_a = [A_t + (NS \times I_f)]$

A-3: A_a = [42,000 + (14,000 x .5)] = 49,000 SF
M: A_a = [55,500 + (18,500 x .5)] = 64,750 SF
B: A_a = [85,500 + (28,500 x .5)] = 99,750 SF

ALLOWABLE STORIES (WITH AREA INCREASE) (PER CBC TABLE 504.4) (SM):

A-3: 3 STORIES
M: 5 STORIES
B: 6 STORIES

DESIGNED AREAS (PER FLOOR) (SM):

1ST FLOOR: A-3: 1,610 SF M: 13,253 SF B: 16,021 SF
2ND FLOOR: B: 29,573 SF
3RD FLOOR: B: 30,029 SF
4TH FLOOR B: 30,029 SF
5TH FLOOR B: 28,523 SF
6TH FLOOR B: 18,963 SF

RATIO CHECK PER FLOOR (<1 = ALLOWABLE):

1ST FLOOR: 1,610/49,000 + 13,253/64,750 + 16,021/99,750 = 0.03 + 0.20 + 0.16 = .39 = <1
2ND FLOOR: 29,573/99,750 = 0.30 = <1
3RD FLOOR: 30,029/99,750 = 0.30 = <1
4TH FLOOR: 30,029/99,750 = 0.30 = <1
5TH FLOOR: 28,523/99,750 = 0.29 = <1
6TH FLOOR: 18,963/99,750 = 0.19 = <1

BUILDING TOTAL AREA (SUM OF STORY RATIOS < 2.0 = ALLOWABLE):

0.39 + 0.30 + 0.30 + 0.30 + 0.29 + 0.19 = 1.77 = <2.0

PROPOSED BUILDING STORIES: TOTAL STORIES: 6

A-3: ALLOWABLE: 3 STORIES > 1ST STORY (HIGHEST STORY A-3)
M: ALLOWABLE: 3 STORIES > 1ST STORY (HIGHEST STORY M)
B: ALLOWABLE: 6 STORIES = 6TH STORY (HIGHEST STORY B)

NOTE: FLOORS BETWEEN LEVELS WILL BE PROVIDED TO RATING REQUIRED FOR SEPARATED OCCUPANCIES.

PLUMBING FIXTURE CALCULATIONS

LEVEL	OCC GROUP	AREA	LOAD FACTOR	OCC (M/W)	FIXTURES REQUIRED		
					WOMEN	MEN	DF
FLR 1	A3	1,612 SF	30	27/27	2 WC / 1 LAVS	1 WC / 1 UR / 1 LAVS	1
FLR 1	M	12,992 SF	100	65/65	1 WC / 1 LAVS	1 WC / 0 UR / 1 LAVS	1
FLR 1	B	6,615 SF	150	23/23	2 WC / 1 LAVS	1 WC / 1 UR / 1 LAVS	1
FLR 2	B	27,061 SF	150	91/91	4 WC / 2 LAVS	2 WC / 1 UR / 2 LAVS	1
FLR 3	B	27,656 SF	150	93/93	4 WC / 2 LAVS	2 WC / 1 UR / 2 LAVS	1
FLR 4	B	27,644 SF	150	93/93	4 WC / 2 LAVS	2 WC / 1 UR / 2 LAVS	1
FLR 5	B	26,073 SF	150	87/87	4 WC / 2 LAVS	2 WC / 1 UR / 2 LAVS	1
FLR 6	B	16,490 SF	150	55/55	4 WC / 2 LAVS	2 WC / 1 UR / 1 LAVS	1

	FIXTURES REQUIRED TOTAL	409/409	25 WC / 13 LAVS	13 WC / 7 UR / 12 LAVS	8
	FIXTURES PROVIDED		24 WC / 12 LAVS	12 WC / 12 UR / 12 LAVS	12

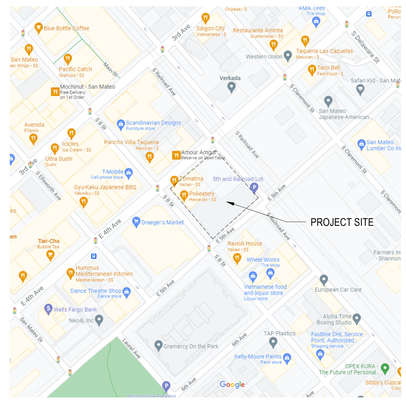
NOTES:
1. REQUIREMENTS PER 2022 CPC TABLE 422.1.
2. SQUARE FEET AREAS SHOWN ARE USABLE SPACES LESS ACCESSORY AREAS (HALLWAYS, RESTROOMS, STAIR ENCLOSURE, UTILITY ROOMS AND STORAGE ..) PER CPC TABLE A EXCEPTION
3. OCCUPANT LOAD FACTORS:
   A. ASSEMBLY: A3 30 SF
   B. OFFICE: B 150 SF
   C. MERCANTILE: M 100 SF
4. CPC 2022 - 422.0 - 3 THE TOTAL NUMBER OF REQUIRED WATER CLOSETS FOR FEMALES SHALL BE NOT LESS THAN THE TOTAL NUMBER OF REQUIRED WATER CLOSETS AND URINALS FOR MALES. [BSC] THIS REQUIREMENT SHALL NOT APPLY WHEN SINGLE OCCUPANCY TOILET FACILITIES ARE PROVIDED FOR EACH SEX IN AN A OR E OCCUPANCY WITH AN OCCUPANT LOAD OF LESS THAN 50. EITHER THE REQUIRED URINAL SHALL BE PERMITTED TO BE OMITTED OR IF INSTALLED, THE URINAL SHALL NOT REQUIRE A SECOND WATER CLOSET TO BE PROVIDED FOR THE FEMALE.
5. RESTROOMS SERVING M OCCUPANCY SPACES WILL BE PROVIDED AS PART OF FUTURE TENANT IMPROVEMENTS.

PROPOSED BUILDING DATA

OCCUPANCY TYPE:	B, M
CONSTRUCTION TYPE:	III-A (CBC TABLE 503, 601)
SPRINKLERED:	YES (TO MEET NFPA 13 STANDARDS)
ALLOWABLE HEIGHT:	85' - 0" (CBC TABLE 504.3)
PROPOSED HEIGHT:	85'-0"
ALLOWABLE NUMBER OF STORIES:	6 STORIES ABOVE GRADE PLANE (CBC TABLE 504.4)
PROPOSED NUMBER OF STORIES:	6 (BASEMENT + 6 STORIES ABOVE GRADE)
ALLOWABLE BUILDING AREA:	SEE BUILDING AREA CALCULATIONS
PROPOSED BUILDING AREA:	LEVEL 1 30,656 SF LEVEL 2 29,573 SF LEVEL 3 30,029 SF LEVEL 4 30,029 SF LEVEL 5 28,523 SF LEVEL 6 18,963 SF TOTAL 187,943 SF
PROPOSED BUILDING AREA BY USE RETAIL/RESTAURANT (M):	LEVEL 1 13,995 SF TOTAL: 13,995 SF
LOBBY (A-3):	LEVEL 1 1,610 SF TOTAL: 1,610 SF
OFFICE (B):	LEVEL 1 16,021 SF LEVEL 2 29,573 SF LEVEL 3 30,029 SF LEVEL 4 30,029 SF LEVEL 5 28,523 SF LEVEL 6 18,963 SF TOTAL: 153,000 SF

NOTE:
PROPOSED BUILDING TO BE FULLY SPRINKLERED. BASE FIRE SPRINKLER SYSTEM TO MEET NFPA13 REQUIREMENTS

VICINITY MAP



RMW
Architecture
Interiors

30 E Santa Clara St.
Suite 200
San Jose
California 95113

Office
408 294-8000

Fax
408 294-1747

rmw.com

CLIENT:
HARVEST PROPERTIES

PROJECT NAME & ADDRESS:
BESPOKE

PROJECT TEAM

OWNER
DTSM TALBOTS VENTURE, LLC
180 GRAND AVENUE, SUITE 1400
OAKLAND, CA 94612
PH: 510.466.1485

PRESTON O'CONNELL - PARTNER

ARCHITECT
RMW ARCHITECTURE & INTERIORS
30 E. SANTA CLARA STREET, SUITE 200
SAN JOSE, CA 95113
PH: 415.781.9800

RUSS NICHOLS - PRINCIPAL

STRUCTURAL
DCI ENGINEERS
135 MAIN STREET, SUITE 1800
SAN FRANCISCO, CA 94105
PH: 415.781.1505

JEFF BRINK - PRINCIPAL

CIVIL
SHERWOOD DESIGN ENGINEERS
2548 MISSION STREET
SAN FRANCISCO, CA 94110
PH: 415.677.7300

RAMY AZAR - CIVIL ENGINEER

LANDSCAPE
PLACE
735 NW 18TH AVENUE
PORTLAND, OR 97209
PH: 503.334.2080

CHARLES BRUCKER - PRINCIPAL

MECHANICAL - ELECTRICAL - PLUMBING
PAE ENGINEERS
48 GOLDEN GATE AVENUE
SAN FRANCISCO, CA 94102
PH: 415.544.7500

MOANA REYNAU - SR. ASSOCIATE

PROJECT DESCRIPTION

THIS SET OF DRAWINGS FOR A NEW 6-STORY + BASEMENT OFFICE BUILDING OF APPROXIMATELY 182,870 SF ON B STREET BETWEEN 4TH AVENUE AND 5TH AVENUE IN DOWNTOWN SAN MATEO, CA. THIS PROJECT INCLUDES ON AND OFF-SITE IMPROVEMENTS INCLUDING GROUND LEVEL AND TERRACE LANDSCAPING, A CORNER RETAIL PLAZA, AND PUBLIC RIGHT-OF-WAY IMPROVEMENTS.

NEW BUILDING CONSTRUCTION WILL PURSUE USGBC LEED GOLD STANDARDS, AND WILL BE IN FULL COMPLIANCE WITH CALIFORNIA GREEN BUILDING CODE. THE BUILDING IS ALSO EXPECTED TO RUN ON ALL ELECTRIC SYSTEMS WITH A POTENTIAL EXCEPTION FOR A FUTURE RESTAURANT TENANT AND IS TARGETING A CONSTRUCTION TYPE UTILIZING MASS TIMBER CONSTRUCTION.

APPLICABLE CODES

2022 CALIFORNIA BUILDING STANDARDS CODE (TITLE 24), EFFECTIVE JANUARY 1, 2023:
- PART 1 - CALIFORNIA ADMINISTRATIVE CODE
- PART 2 - CALIFORNIA BUILDING CODE, VOLUMES 1 AND 2
- PART 2.5 - CALIFORNIA RESIDENTIAL CODE
- PART 3 - CALIFORNIA ELECTRICAL CODE
- PART 4 - CALIFORNIA MECHANICAL CODE
- PART 5 - CALIFORNIA PLUMBING CODE
- PART 6 - CALIFORNIA ENERGY CODE
- PART 7 –VACANT/ NOT USED
- PART 8 - CALIFORNIA HISTORICAL BUILDING CODE
- PART 9 - CALIFORNIA FIRE CODE
- PART 10 - CALIFORNIA EXISTING BUILDING CODE
- PART 11 - CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN CODE)
- PART 12 - CALIFORNIA REFERENCED STANDARDS CODE
- CAL/ OSHA – TITLE 8, 2019 ELEVATOR SAFETY CODE
- STANDARD SPECIFICATIONS AND DETAILS AND OTHER APPLICABLE REGULATIONS ISSUED BY AGENCIES HAVING JURISDICTION OVER THE PROJECT.
- THE WORK SHALL MEET OR EXCEED THE REQUIREMENTS OF THE CODES ND REGULATIONS LISTED ABOVE, NCLUDING SUPPLEMENTS AND AMENDMENTS IN EFFECT AT THE TIME THE DOCUMENTS WERE ISSUED

445 S B STREET
SAN MATEO, CA, 94401

ISSUE: PLANNING APPLICATION RESUBMITTAL #2
ISSUE DATE: 01/29/2024

REVISIONS :

#	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE: As indicated

PROJECT NUMBER: 2202017.3
DRAWN BY: Author
CHECKED BY: Checker

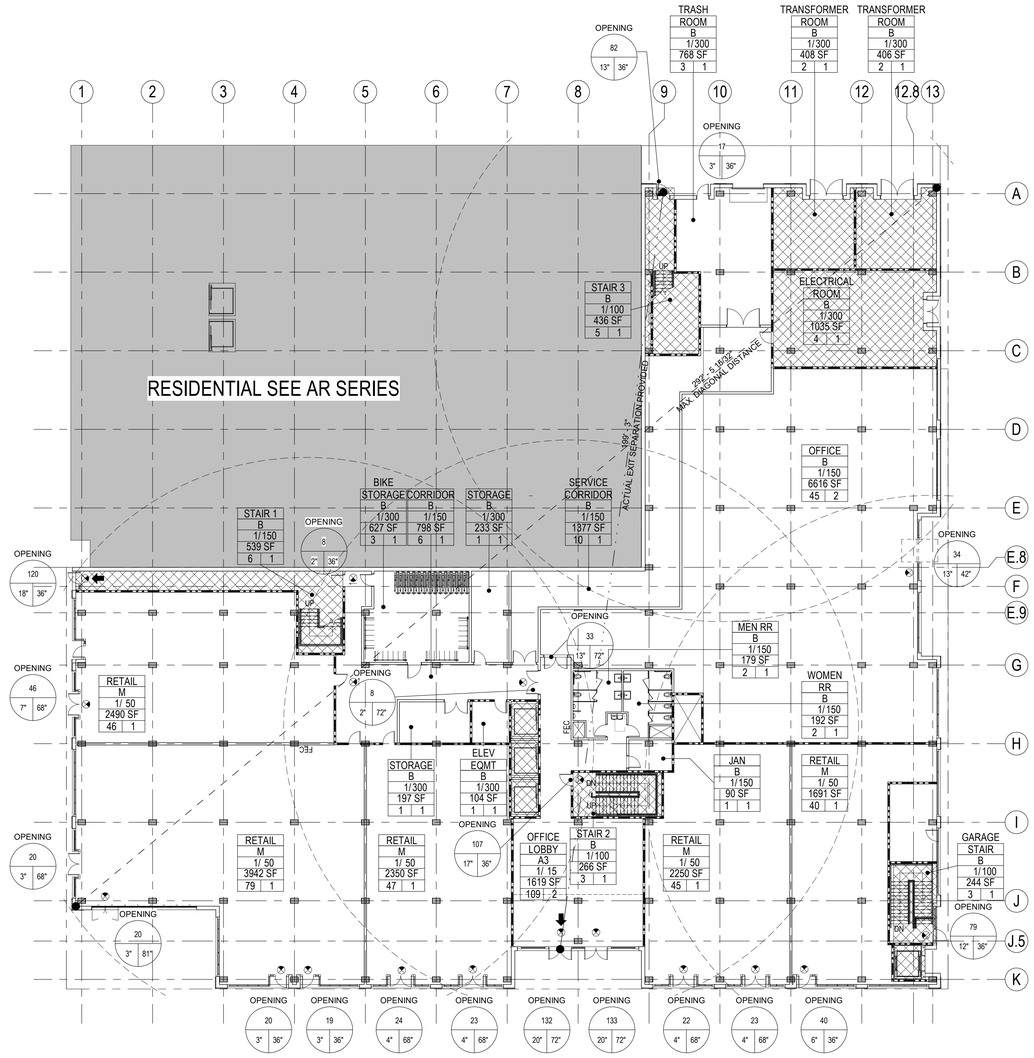
STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
PROJECT INFORMATION

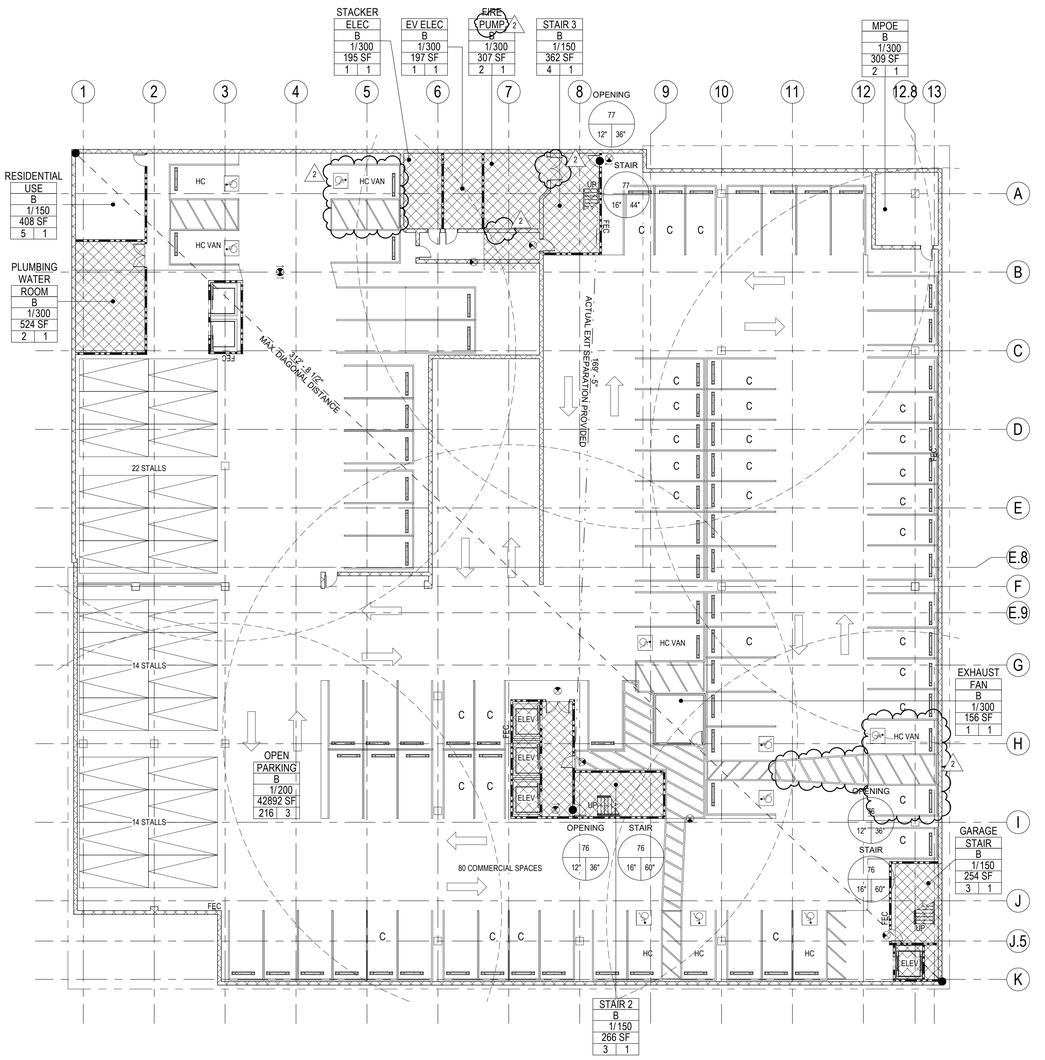
SHEET NUMBER:
A0.2

plot date: 1/29/2024 3:35:00 PM



LEVEL 1 CODE PLAN
1/16" = 1'-0"

2



BASEMENT CODE PLAN
1/16" = 1'-0"

1

SHEET NOTES

1. SHEET NOTES AND KEY NOTES ARE FOR THE C+S SCOPE OF WORK AND ARE SPECIFIC TO THIS SHEET ONLY, UON THE ITEMS BELOW ARE HIGHLIGHTS ONLY. ALL 2022 CBC REQUIREMENTS SHALL BE ADHERED TO.
2. THE OCCUPANCIES FOR THE TENANT SPACES WERE CALCULATED PER CBC TABLE 100A.1.2.
3. REQUIRED EXITS ARE PLACED AT LEAST 1/3 THE CALCULATED DISTANCE FROM THE FARTHEST POINTS OF THE NEW SPACE. (CBC SECTION 1007.1.1 EXCEPTION 2).
4. MAXIMUM EXIT TRAVEL DISTANCE IS 250'-0" FOR A OCCUPANCY AND 300'-0" FOR B OCCUPANCY; CBC TABLE 1017.2.
5. EGRESS WIDTH CALCULATIONS FOR OPENINGS AND STAIRS IS BASED UPON CBC, SECTION 1005.3.1 AND 1005.3.2.
6. EXCEPTION 1
   - EXIT OPENING WIDTH FACTOR = 0.15 X OCCUPANT LOAD
   - STAIR WIDTH FACTOR = 0.2 X OCCUPANT LOAD
7. EGRESS WIDTH AND EXIT COMPONENTS IS BASED UPON CBC SECTION 1005.3.
8. THE NUMBER OF REQUIRED EXITS IS BASED UPON CBC TABLE 1006.2.1.
9. REFER TO DOOR SCHEDULE FOR DOOR AND FRAME TYPES, RATINGS, SIZE AND HARDWARE TYPES.
10. ALL DOORS SHALL HAVE CLEAR WIDTH NOT LESS LESS THAN 32" PER CBC SECTION 1010.1.1, UON.
11. PROVIDE TEMPORARY FIRE EXTINGUISHERS FOR C+S SCOPE OR WORK. LOCATE A MAXIMUM OF 75 FEET FROM ANY
12. LOCATION WITHIN THE PROJECT AREA AND 100 FEET BETWEEN INDIVIDUAL FEC UNITS; 3,000 SF PER CABINET. LOCATE UNITS WHERE SHOWN OR AS DIRECTED BY THE FIRE MARSHAL. FIRE EXTINGUISHERS SHALL COMPLY WITH 2022 CBC SECTION 906 AND TABLE 906.3.1. FIRE EXTINGUISHERS TO BE MOUNTED ON FREE STANDING PEDESTALS. LARSEN'S MP5 WITH RATING 2A 10B:C, 5 LBS CAPACITY.
13. SIGNAGE SHALL COMPLY WITH CBC 11B-703 FOR SIGNAGE.
14. PROVIDE SYMBOL OF ACCESSIBILITY AT FRONT ENTRANCE.
15. PROVIDE STAIRWELL TACTILE EXIT SIGNAGE PER CODE REQUIREMENT. REFER TO TACTILE SIGNAGE NOTES (2022 CBC SECTION 1023.9 AND 11B-504.9) REFER TO ENLARGED STAIR PLANS.
16. ALL INTERIOR TACTILE EGRESS SIGNAGE TO BE PROVIDE DURING FUTURE TI PHASE.
17. ALL FIRE PROTECTION EQUIPMENT AND ROOMS CONTAINING CONTROLS FOR AIR-CONDITIONING SYSTEMS, SPRINKLER RISERS AND VALVES, OR OTHER SUPPRESSION OR CONTROL ELEMENTS SHALL BE IDENTIFIED BY APPROVED SIGNAGE AND ACCESSIBLE BY FIRE DEPARTMENT PER SECTION 509, 2022 CALIFORNIA FIRE CODE. COORDINATE SIGNAGE REQUIREMENTS AND ACCESS WITH LOCAL FIRE MARSHAL JURISDICTION.
18. PROVIDE EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM.
19. THE MAXIMUM REQUIRED EXIT SEPARATION IS BASED UPON CBC, SECTION 1007.1.
20. RESTROOM FIXTURE CALCULATION BASED UPON 2022 CPC CODE:
    A. REQUIREMENTS PER 1029 CPC TABLE 422.1.
    B. AREA SQUARE FOOTAGE SHOWN INCLUDES USABLE SPACES, LESS ACCESSORY AREAS, (HALLWAYS, CIRCULATION, RESTROOM, STAIR ENCLOSURE, UTILITY/STORAGE ROOMS, PER TABLE A EXCEPTION.
    C. OCCUPANCY LOAD FACTORS USED INCLUDE:
       - ASSEMBLY: A2, A3 = 1/30
       - BUSINESS: B = 1/200
21. ALL REQUIRED OCCUPANCY SEPARATIONS FOR THE FUTURE MIXED OCCUPANCY ZONES TO BE DETERMINED DURING THE FUTURE TI SCOPE OF WORK.

EXIT WIDTH CALCULATION

LEVEL	OCCUPANT LOAD	TOTAL NUMBER OF EXITS		TOTAL EGRESS WIDTH		TOTAL STAIR WIDTH	
				FACTOR = 0.15		FACTOR = 0.2	
		REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
BASEMENT	228 OCC	3	3	35"	108"	46"	164"
FLR 1	453 OCC	3	14	68"	787"	NA	NA

NOTES:
1. CALCULATIONS IN THIS TABLE ARE BASED ON 2022 CBC SECTION 1005.3
2. EGRESS WIDTHS BASED ON CBC SECTION 1005.3.1 AND 1005.3.2
3. EGRESS WIDTH MEETS CBC SECTION 1005.5 FOR DISTRIBUTION OF MINIMUM WIDTH AND REQUIRED CAPACITY

OCCUPANT LOAD CALCULATION

Code Plan-Occupancy Schedule - Basement

NAME	OCCUPANCY	AREA (SF)	LOAD FACTOR	OCCUPANT LOAD
EV ELEC	B	197 SF	300	1
EXHAUST FAN	B	156 SF	300	1
FIRE PUMP	B	307 SF	300	2
MPOE	B	309 SF	300	2
OPEN PARKING	B	42892 SF	200	215
PLUMBING WATER ROOM	B	524 SF	300	2
RESIDENTIAL USE	B	408 SF	150	3
STACKER ELEC	B	195 SF	300	1
		44988 SF		227

Code Plan-Occupancy Schedule - Level 1

NAME	OCCUPANCY	AREA (SF)	LOAD FACTOR	OCCUPANT LOAD
BIKE STORAGE	B	627 SF	300	3
CORRIDOR	B	798 SF	150	6
ELECTRICAL ROOM	B	1035 SF	300	4
FIRE CONTROL		252 SF		
JAN	B	90 SF	150	1
MEN RR	B	179 SF	150	2
OFFICE	B	6616 SF	150	45
OFFICE LOBBY	A3	1619 SF	15	108
RETAIL	M	3942 SF	50	79
RETAIL	M	2350 SF	50	48
RETAIL	M	2250 SF	50	46
RETAIL	M	1691 SF	50	34
RETAIL	M	2490 SF	50	50
SERVICE CORRIDOR	B	1377 SF	150	10
STORAGE	B	197 SF	300	1
STORAGE	B	233 SF	300	1
TRANSFORMER ROOM	B	408 SF	300	2
TRANSFORMER ROOM	B	406 SF	300	2
TRASH ROOM	B	768 SF	300	3
WOMEN RR	B	192 SF	150	2
		27519 SF		447

RATING REQUIREMENTS

TABLE 601

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)

BUILDING ELEMENT	TYPE I		TYPE II		TYPE III		TYPE IV					TYPE V	
	A	B	A	B	A	B	A	B	C	HT		A	B
Primary structural frame[g] (see Section 202)	3[a, b]	2[a, b, c]	1[b, c]	0[c]	1[b, c]	0	3[d]	2[d]	2[d]	HT		1[b, c]	0
Bearing walls													
Exterior[e, f]	3	2	1	0	2	2	3	2	2	2		1	0
Interior	3[a]	2[a]	1	0	1	0	3	2	2	1/HT[f]		1	0
Nonbearing walls and partitions Exterior	See Table 705.5												
Nonbearing walls and partitions Interior[d]	0	0	0	0	0	0	0	0	0	See Section 2304.11.2		0	0
Floor construction and associated secondary structural members (see Section 202)	2	2	1	0	1	0	2	2	2	HT		1	0
Roof construction and associated secondary structural members (see Section 202)	1 1/2[b]	1[b, c]	1[b, c]	0[c]	1[b, c]	0	1 1/2	1	1	HT		1[b, c]	0

For SI: 1 foot = 304.8 mm.

LEGEND

OFFICE — ROOM TYPE
Occupancy — OCCUPANCY TYPE
1/ 100 — LOAD FACTOR
150 SF — ROOM AREA
15 | 1 — NO. OF REQD EXITS
CODE ROOM TAG

CALCULATED OCCUPANCY LOAD

171 / 26" | 72" — OCC LOAD SERVED / REQD WIDTH / PROVIDED WIDTH OPENING OR STAIR (WHERE INDICATED)
EGRESS LOADS/WIDTHS FOR EXIT OPENING AND STAIR

OP-XX — EGRESS LOADS/WIDTHS FOR EXIT OPENING AND STAIR (SEE EXIT WIDTH CALCS AT POINT OF EGRESS CHART)

REQUIRED POINT OF EGRESS

PATH OF EGRESS ROUTE

22' - 4 1/8" MAX. DIAGONAL DISTANCE
MAX DIAGONAL DISTANCE

22' - 4" ACTUAL EXIT SEPARATION PROVIDED
ACTUAL EXIT SEPARATION, CBC SECTION 1007.1.1, EXCEPTION 2

COMMON PATH OF EGRESS TRAVEL, (MAX 100 FEET PER CBC TBL1006.3.2(2)

MAXIMUM EXIT TRAVEL DISTANCE ROUTE (MAX 300 FEET PER CBC TBL 1017.2)

TRAVEL ROUTE AND DISTANCE TO NEAREST FEC (MAX 75')

ILLUMINATED EXIT SIGN WITH DIRECTIONAL ARROWS (WHERE SHOWN)

AE
ACCESSIBLE ENTRANCE / EXIT WITH ADA COMPLIANT SIGNAGE

FEC
FIRE EXTINGUISHER CABINET - RECESSED MOUNTED, UON

R = 75' NTS
FIRE EXTINGUISHER SEPARATION - ACCESS RADIUS RANGE OF 75" MAXIMUM

NEW PARTITION, SEE FLOOR PLANS FOR PARTITION TYPE
1 - HOUR RATED PARTITION, SEE FLOOR PLANS FOR PARTITION TYPES
2 - HOUR RATED PARTITION, SEE FLOOR PLANS FOR PARTITION TYPES
TI AREA NON-RATED
1 - HOUR RATED ROOM
2 - HOUR RATED ROOM

RMW
Architecture
Interiors

30 E Santa Clara St.
Suite 200
San Jose
California 95113

Office
408 294-8000

Fax
408 294-1747

rmw.com

CLIENT:
HARVEST PROPERTIES

PROJECT NAME & ADDRESS:
BESPOKE

445 S B STREET
SAN MATEO, CA, 94401

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ISSUE DATE:	01/29/2024

REVISIONS :

#	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:	As indicated
PROJECT NUMBER:	2202017.3
DRAWN BY:	Author
CHECKED BY:	Checker

STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
BASEMENT AND FIRST FLOOR CODE PLANS

SHEET NUMBER:
A0.3

1/29/2024 3:35:05 PM
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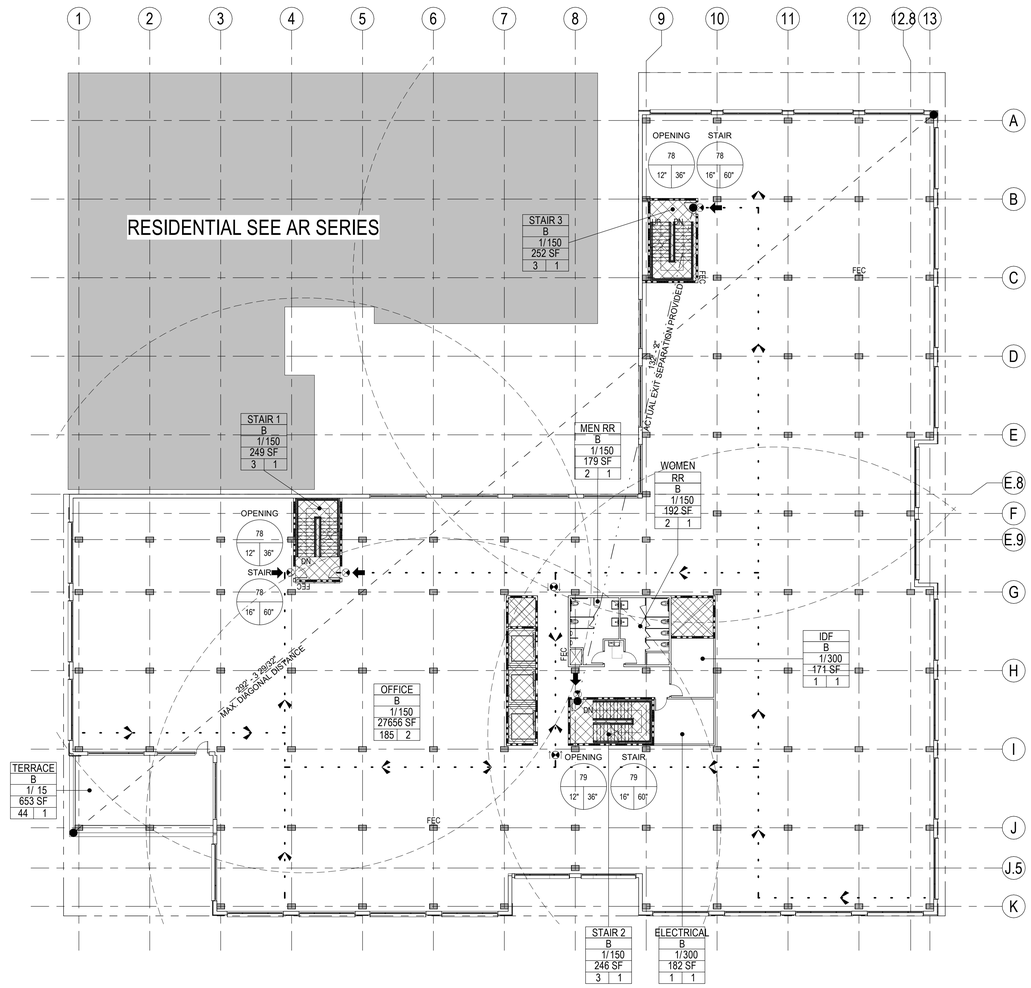

LEVEL 3 CODE PLAN

1/16" = 1'-0"

2

LEVEL 2 CODE PLAN

1/16" = 1'-0"

1

SHEET NOTES

1. SHEET NOTES AND KEY NOTES ARE FOR THE C+S SCOPE OF WORK AND ARE SPECIFIC TO THIS SHEET ONLY, UON THE ITEMS BELOW ARE HIGHLIGHTS ONLY. ALL 2022 CBC REQUIREMENTS SHALL BE ADHERED TO.
2. THE OCCUPANCIES FOR THE TENANT SPACES WERE CALCULATED PER CBC TABLE 1004.1.2.
3. REQUIRED EXITS ARE PLACED AT LEAST 1/3 THE CALCULATED DISTANCE FROM THE FARTHEST POINTS OF THE NEW SPACE. (CBC SECTION 1007.1.1 EXCEPTION 2).
4. MAXIMUM EXIT TRAVEL DISTANCE IS 250'-0" FOR A OCCUPANCY AND 300'-0" FOR B OCCUPANCY; CBC TABLE 1017.2.
5. EGRESS WIDTH CALCULATIONS FOR OPENINGS AND STAIRS IS BASED UPON CBC, SECTION 1005.3.1 AND 1005.3.2.
6. EXCEPTION 1
   - EXIT OPENING WIDTH FACTOR = 0.15 X OCCUPANT LOAD
   - STAIR WIDTH FACTOR = 0.2 X OCCUPANT LOAD
7. EGRESS WIDTH AND EXIT COMPONENTS IS BASED UPON CBC SECTION 1005.3.
8. THE NUMBER OF REQUIRED EXITS IS BASED UPON CBC TABLE 1006.2.1.
9. REFER TO DOOR SCHEDULE FOR DOOR AND FRAME TYPES, RATINGS, SIZE AND HARDWARE TYPES.
10. ALL DOORS SHALL HAVE CLEAR WIDTH NOT LESS LESS THAN 32" PER CBC SECTION 1010.1.1, UON.
11. PROVIDE TEMPORARY FIRE EXTINGUISHERS FOR C+S SCOPE OR WORK. LOCATE A MAXIMUM OF 75 FEET FROM ANY
12. LOCATION WITHIN THE PROJECT AREA AND 100 FEET BETWEEN INDIVIDUAL FEC UNITS; 3,000 SF PER CABINET. LOCATE UNITS WHERE SHOWN OR AS DIRECTED BY THE FIRE MARSHAL. FIRE EXTINGUISHERS SHALL COMPLY WITH 2022 CBC SECTION 906 AND TABLE 906.3.1. FIRE EXTINGUISHERS TO BE MOUNTED ON FREE STANDING PEDESTALS. LARSEN'S MP5 WITH RATING 2A 10B:C, 5 LBS CAPACITY.
13. SIGNAGE SHALL COMPLY WITH CBC 11B-703 FOR SIGNAGE.
14. PROVIDE SYMBOL OF ACCESSIBILITY AT FRONT ENTRANCE.
15. PROVIDE STAIRWELL TACTILE EXIT SIGNAGE PER CODE REQUIREMENT. REFER TO TACTILE SIGNAGE NOTES (2022 CBC SECTION 1023.9 AND 11B-504.8). REFER TO ENLARGED STAIR PLANS.
16. ALL INTERIOR TACTILE EGRESS SIGNAGE TO BE PROVIDE DURING FUTURE TI PHASE.
17. ALL FIRE PROTECTION EQUIPMENT AND ROOMS CONTAINING CONTROLS FOR AIR-CONDITIONING SYSTEMS, SPRINKLER RISERS AND VALVES, OR OTHER SUPPRESSION OR CONTROL ELEMENTS SHALL BE IDENTIFIED BY APPROVED SIGNAGE AND ACCESSIBLE BY FIRE DEPARTMENT PER SECTION 509, 2022 CALIFORNIA FIRE CODE. COORDINATE SIGNAGE REQUIREMENTS AND ACCESS WITH LOCAL FIRE MARSHAL JURISDICTION.
18. PROVIDE EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM.
19. THE MAXIMUM REQUIRED EXIT SEPARATION IS BASED UPON CBC, SECTION 1007.1.
20. RESTROOM FIXTURE CALCULATION BASED UPON 2022 CPC CODE:
    A. REQUIREMENTS PER 1029 CPC TABLE 422.1.
    B. AREA SQUARE FOOTAGE SHOWN INCLUDES USABLE SPACES, LESS ACCESSORY AREAS, (HALLWAYS, CIRCULATION, RESTROOM, STAIR ENCLOSURE, UTILITY/STORAGE ROOMS, PER TABLE A EXCEPTION.
    C. OCCUPANCY LOAD FACTORS USED INCLUDE:
       - ASSEMBLY: A2, A3 = 1/30
       - BUSINESS: B = 1/200
21. ALL REQUIRED OCCUPANCY SEPARATIONS FOR THE FUTURE MIXED OCCUPANCY ZONES TO BE DETERMINED DURING THE FUTURE TI SCOPE OF WORK.

KEYNOTES

KEY NOTE SYMBOL USED ON DRAWINGS

EXIT WIDTH CALCULATION

LEVEL	OCCUPANT LOAD	TOTAL NUMBER OF EXITS		TOTAL EGRESS WIDTH		TOTAL STAIR WIDTH	
				FACTOR = 0.15		FACTOR = 0.2	
		REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
FLR 2	231 OCC	3	3	35"	108"	47"	180"
FLR 3	235 OCC	3	3	36"	108"	47"	180"

NOTES:
1. CALCULATIONS IN THIS TABLE ARE BASED ON 2019 CBC SECTION 1005.3
2. EGRESS WIDTHS BASED ON CBC SECTION 1005.3.1 AND 1005.3.2
3. EGRESS WIDTH MEETS CBC SECTION 1005.5 FOR DISTRIBUTION OF MINIMUM WIDTH AND REQUIRED CAPACITY

OCCUPANT LOAD CALCULATION

Code Plan-Occupancy Schedule - Level 2

NAME	OCCUPANCY	AREA (SF)	LOAD FACTOR	OCCUPANT LOAD
ELECTRICAL	B	182 SF	300	1
IDF	B	171 SF	300	1
MEN RR	B	179 SF	150	2
OFFICE	B	27061 SF	150	181
TERRACE	B	653 SF	15	44
WOMEN RR	B	192 SF	150	2
		28439 SF		231

Code Plan-Occupancy Schedule - Level 3

NAME	OCCUPANCY	AREA (SF)	LOAD FACTOR	OCCUPANT LOAD
ELECTRICAL	B	182 SF	300	1
IDF	B	171 SF	300	1
MEN RR	B	179 SF	150	2
OFFICE	B	27656 SF	150	185
TERRACE	B	653 SF	15	44
WOMEN RR	B	192 SF	150	2
		29034 SF		235

LEGEND

OFFICE / Occupancy / 1/100 / 150 SF / 15 | 1 — ROOM TYPE, OCCUPANCY TYPE, LOAD FACTOR, ROOM AREA, NO. OF REQD EXITS — CODE ROOM TAG

CALCULATED OCCUPANCY LOAD

171 / 26" | 72" — OCC LOAD SERVED, REQD WIDTH, PROVIDED WIDTH OPENING OR STAIR (WHERE INDICATED) — EGRESS LOADS/WIDTHS FOR EXIT OPENING AND STAIR

OP-XX — EGRESS LOADS/WIDTHS FOR EXIT OPENING AND STAIR (SEE EXIT WIDTH CALCS AT POINT OF EGRESS CHART)

REQUIRED POINT OF EGRESS

PATH OF EGRESS ROUTE

22' - 4 1/8" MAX. DIAGONAL DISTANCE — MAX DIAGONAL DISTANCE

22' - 4" ACTUAL EXIT SEPARATION PROVIDED — ACTUAL EXIT SEPARATION, CBC SECTION 1007.1.1, EXCEPTION 2

COMMON PATH OF EGRESS TRAVEL, (MAX 100 FEET PER CBC TBL1006.3.2(2)

MAXIMUM EXIT TRAVEL DISTANCE ROUTE (MAX 300 FEET PER CBC TBL 1017.2)

TRAVEL ROUTE AND DISTANCE TO NEAREST FEC (MAX 75')

ILLUMINATED EXIT SIGN WITH DIRECTIONAL ARROWS (WHERE SHOWN)

AE — ACCESSIBLE ENTRANCE / EXIT WITH ADA COMPLIANT SIGNAGE

FEC — FIRE EXTINGUISHER CABINET - RECESSED MOUNTED, UON

R = 75' NTS — FIRE EXTINGUISHER SEPARATION - ACCESS RADIUS RANGE OF 75' MAXIMUM

NEW PARTITION, SEE FLOOR PLANS FOR PARTITION TYPE

1 - HOUR RATED PARTITION, SEE FLOOR PLANS FOR PARTITION TYPE

2 - HOUR RATED PARTITION, SEE FLOOR PLANS FOR PARTITION TYPES

TI AREA NON-RATED

1 - HOUR RATED ROOM

2 - HOUR RATED ROOM

RMW
Architecture
Interiors

30 E Santa Clara St.
Suite 200
San Jose
California 95113

Office
408 294-8000

Fax
408 294-1747

rmw.com

CLIENT:

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BESPOKE

445 S B STREET
SAN MATEO, CA, 94401

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SCALE:	As indicated
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CHECKED BY:	Checker

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SHEET NAME:

SECOND AND THIRD FLOOR CODE PLANS

SHEET NUMBER:

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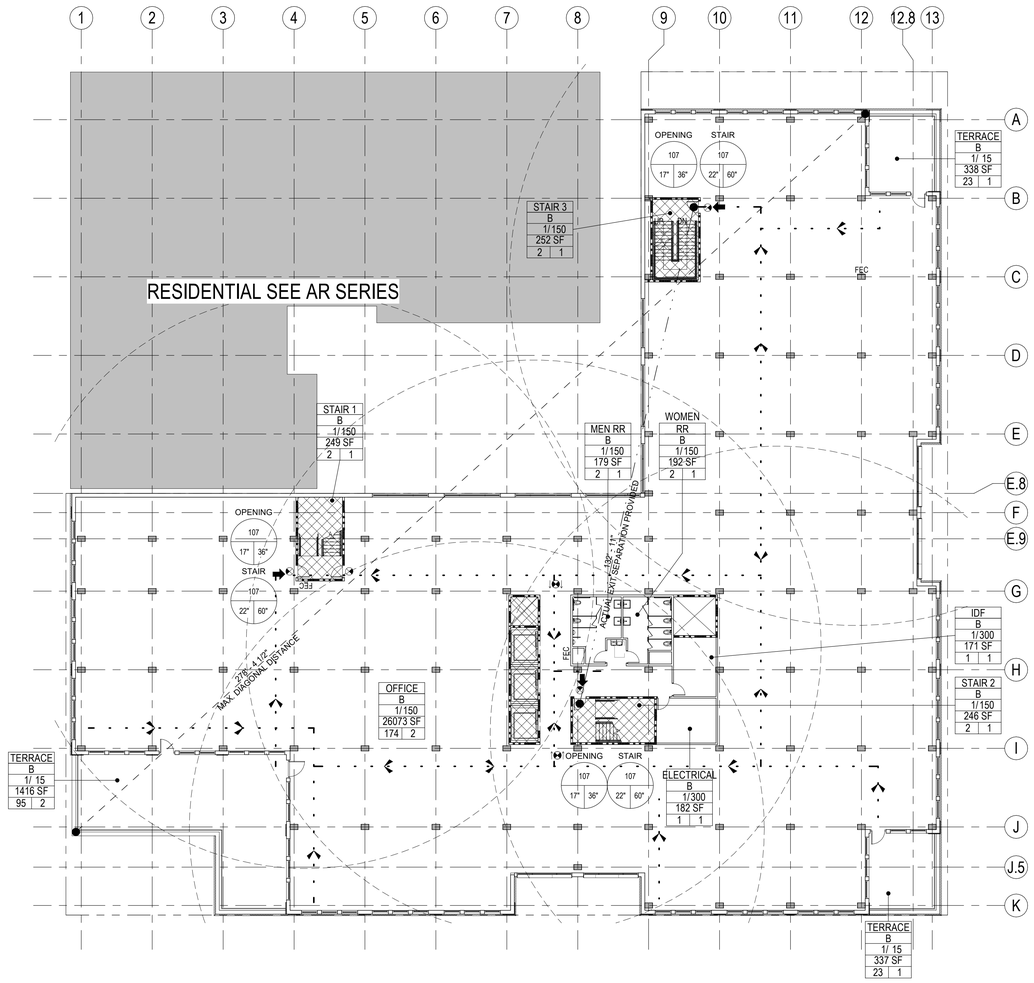
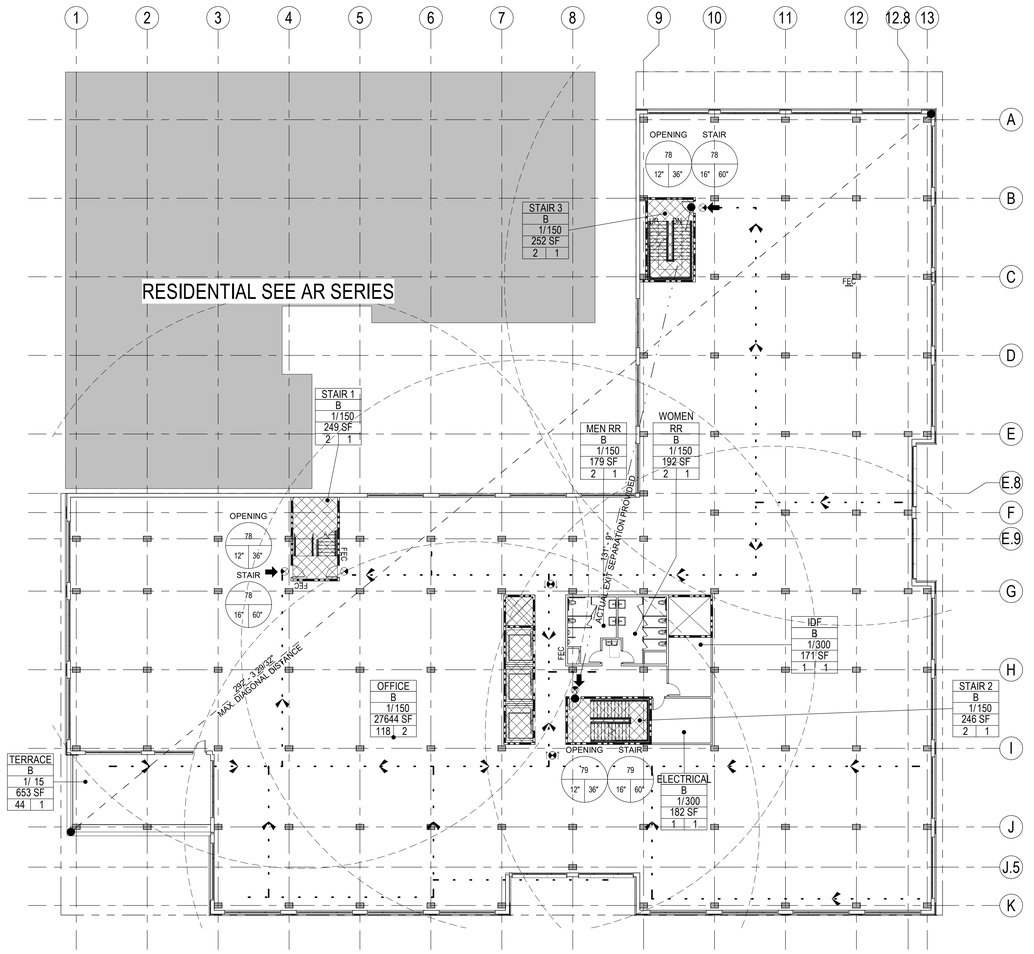


LEVEL 5 CODE PLAN
1/16" = 1'-0"
2



LEVEL 4 CODE PLAN
1/16" = 1'-0"
1

SHEET NOTES

1. SHEET NOTES AND KEY NOTES ARE FOR THE C+S SCOPE OF WORK AND ARE SPECIFIC TO THIS SHEET ONLY, UON THE ITEMS BELOW ARE HIGHLIGHTS ONLY. ALL 2022 CBC REQUIREMENTS SHALL BE ADHERED TO.
2. THE OCCUPANCIES FOR THE TENANT SPACES WERE CALCULATED PER CBC TABLE 1004.1.2.
3. REQUIRED EXITS ARE PLACED AT LEAST 1/3 THE CALCULATED DISTANCE FROM THE FARTHEST POINTS OF THE NEW SPACE. (CBC SECTION 1007.1.1 EXCEPTION 2).
4. MAXIMUM EXIT TRAVEL DISTANCE IS 250'-0" FOR A OCCUPANCY AND 300'-0" FOR B OCCUPANCY; CBC TABLE 1017.2.
5. EGRESS WIDTH CALCULATIONS FOR OPENINGS AND STAIRS IS BASED UPON CBC, SECTION 1005.3.1 AND 1005.3.2.
6. EXCEPTION 1
   - EXIT OPENING WIDTH FACTOR = 0.15 X OCCUPANT LOAD
   - STAIR WIDTH FACTOR = 0.2 X OCCUPANT LOAD
7. EGRESS WIDTH AND EXIT COMPONENTS IS BASED UPON CBC SECTION 1005.3.
8. THE NUMBER OF REQUIRED EXITS IS BASED UPON CBC TABLE 1006.2.1.
9. REFER TO DOOR SCHEDULE FOR DOOR AND FRAME TYPES, RATINGS, SIZE AND HARDWARE TYPES.
10. ALL DOORS SHALL HAVE CLEAR WIDTH NOT LESS LESS THAN 32" PER CBC SECTION 1010.1.1, UON.
11. PROVIDE TEMPORARY FIRE EXTINGUISHERS FOR C+S SCOPE OR WORK. LOCATE A MAXIMUM OF 75 FEET FROM ANY
12. LOCATION WITHIN THE PROJECT AREA AND 100 FEET BETWEEN INDIVIDUAL FEC UNITS; 3,000 SF PER CABINET. LOCATE UNITS WHERE SHOWN OR AS DIRECTED BY THE FIRE MARSHAL. FIRE EXTINGUISHERS SHALL COMPLY WITH 2022 CBC SECTION 906 AND TABLE 906.3.1. FIRE EXTINGUISHERS TO BE MOUNTED ON FREE STANDING PEDESTALS. LARSEN'S MP5 WITH RATING 2A 10B:C, 5 LBS CAPACITY.
13. SIGNAGE SHALL COMPLY WITH CBC 11B-703 FOR SIGNAGE.
14. PROVIDE SYMBOL OF ACCESSIBILITY AT FRONT ENTRANCE.
15. PROVIDE STAIRWELL TACTILE EXIT SIGNAGE PER CODE REQUIREMENT. REFER TO TACTILE SIGNAGE NOTES (2022 CBC SECTION 1023.9 AND 11B-504.8). REFER TO ENLARGED STAIR PLANS.
16. ALL INTERIOR TACTILE EGRESS SIGNAGE TO BE PROVIDE DURING FUTURE TI PHASE.
17. ALL FIRE PROTECTION EQUIPMENT AND ROOMS CONTAINING CONTROLS FOR AIR-CONDITIONING SYSTEMS, SPRINKLER RISERS AND VALVES, OR OTHER SUPPRESSION OR CONTROL ELEMENTS SHALL BE IDENTIFIED BY APPROVED SIGNAGE AND ACCESSIBLE BY FIRE DEPARTMENT PER SECTION 509, 2022 CALIFORNIA FIRE CODE. COORDINATE SIGNAGE REQUIREMENTS AND ACCESS WITH LOCAL FIRE MARSHAL JURISDICTION.
18. PROVIDE EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM.
19. THE MAXIMUM REQUIRED EXIT SEPARATION IS BASED UPON CBC, SECTION 1007.1.
20. RESTROOM FIXTURE CALCULATION BASED UPON 2022 CPC CODE:
    A. REQUIREMENTS PER 1029 CPC TABLE 422.1.
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    C. OCCUPANCY LOAD FACTORS USED INCLUDE:
       - ASSEMBLY: A2, A3 = 1/30
       - BUSINESS: B = 1/200
21. ALL REQUIRED OCCUPANCY SEPARATIONS FOR THE FUTURE MIXED OCCUPANCY ZONES TO BE DETERMINED DURING THE FUTURE TI SCOPE OF WORK.

KEYNOTES

KEY NOTE SYMBOL USED ON DRAWINGS

EXIT WIDTH CALCULATION

LEVEL	OCCUPANT LOAD	TOTAL NUMBER OF EXITS		TOTAL EGRESS WIDTH		TOTAL STAIR WIDTH	
				FACTOR = 0.15		FACTOR = 0.2	
		REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
FLR 4	235 OCC	3	3	36"	108"	47"	180"
FLR 5	321 OCC	3	3	49"	108"	65"	180"

NOTES:
1. CALCULATIONS IN THIS TABLE ARE BASED ON 2022 CBC SECTION 1005.3
2. EGRESS WIDTHS BASED ON CBC SECTION 1005.3.1 AND 1005.3.2
3. EGRESS WIDTH MEETS CBC SECTION 1005.5 FOR DISTRIBUTION OF MINIMUM WIDTH AND REQUIRED CAPACITY

OCCUPANT LOAD CALCULATION

Code Plan-Occupancy Schedule - Level 4

NAME	OCCUPANCY	AREA (SF)	LOAD FACTOR	OCCUPANT LOAD
ELECTRICAL	B	182 SF	300	1
IDF	B	171 SF	300	1
MEN RR	B	179 SF	150	2
OFFICE	B	27644 SF	150	185
TERRACE	B	653 SF	15	44
WOMEN RR	B	192 SF	150	2
		29022 SF		235

Code Plan-Occupancy Schedule - Level 5

NAME	OCCUPANCY	AREA (SF)	LOAD FACTOR	OCCUPANT LOAD
ELECTRICAL	B	182 SF	300	1
IDF	B	171 SF	300	1
MEN RR	B	179 SF	150	2
OFFICE	B	26073 SF	150	174
TERRACE	B	1416 SF	15	95
TERRACE	B	337 SF	15	23
TERRACE	B	338 SF	15	23
WOMEN RR	B	192 SF	150	2
		28889 SF		321

LEGEND

- OFFICE / Occupancy / 1/100 / 150 SF / 15 | 1 — ROOM TYPE; OCCUPANCY TYPE; LOAD FACTOR; ROOM AREA; NO. OF REQD EXITS — CODE ROOM TAG
- CALCULATED OCCUPANCY LOAD
- 171 / 26" | 72" — OCC LOAD SERVED; REQD WIDTH; PROVIDED WIDTH OPENING OR STAIR (WHERE INDICATED) — EGRESS LOADS/WIDTHS FOR EXIT OPENING AND STAIR
- OP-XX — EGRESS LOADS/WIDTHS FOR EXIT OPENING AND STAIR (SEE EXIT WIDTH CALCS AT POINT OF EGRESS CHART)
- REQUIRED POINT OF EGRESS
- PATH OF EGRESS ROUTE
- 22' - 4 1/8" MAX. DIAGONAL DISTANCE — MAX DIAGONAL DISTANCE
- 22' - 4" ACTUAL EXIT SEPARATION PROVIDED — ACTUAL EXIT SEPARATION, CBC SECTION 1007.1.1, EXCEPTION 2
- COMMON PATH OF EGRESS TRAVEL, (MAX 100 FEET PER CBC TBL1006.3.2(2)
- MAXIMUM EXIT TRAVEL DISTANCE ROUTE (MAX 300 FEET PER CBC TBL 1017.2)
- TRAVEL ROUTE AND DISTANCE TO NEAREST FEC (MAX 75')
- ILLUMINATED EXIT SIGN WITH DIRECTIONAL ARROWS (WHERE SHOWN)
- AE — ACCESSIBLE ENTRANCE / EXIT WITH ADA COMPLIANT SIGNAGE
- FEC — FIRE EXTINGUISHER CABINET - RECESSED MOUNTED, UON
- R = 75' NTS — FIRE EXTINGUISHER SEPARATION - ACCESS RADIUS RANGE OF 75' MAXIMUM

- NEW PARTITION, SEE FLOOR PLANS FOR PARTITION TYPE
- 1 - HOUR RATED PARTITION, SEE FLOOR PLANS FOR PARTITION TYPES
- 2 - HOUR RATED PARTITION, SEE FLOOR PLANS FOR PARTITION TYPES
- TI AREA NON-RATED
- 1 - HOUR RATED ROOM
- 2 - HOUR RATED ROOM

RMW Architecture Interiors
30 E Santa Clara St. Suite 200 San Jose California 95113
Office 408 294-8000
Fax 408 294-1747
rmw.com

CLIENT: HARVEST PROPERTIES

PROJECT NAME & ADDRESS:
BESPOKE

445 S B STREET
SAN MATEO, CA, 94401

ISSUE: PLANNING APPLICATION RESUBMITTAL #2
ISSUE DATE: 01/29/2024

REVISIONS :

#	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE: As indicated
PROJECT NUMBER: 2202017.3
DRAWN BY: Author
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SHEET NAME:
FOURTH AND FIFTH FLOOR CODE PLANS

SHEET NUMBER:
A0.5

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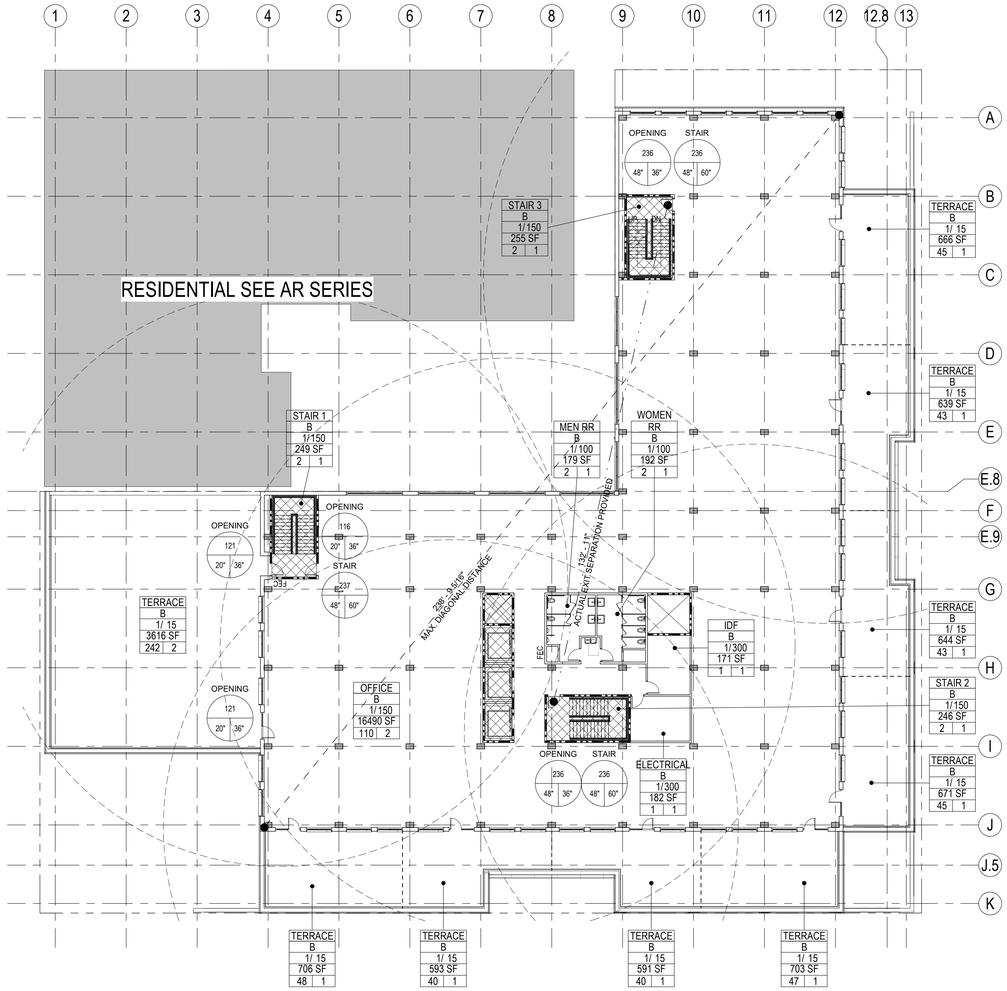

LEVEL 6 CODE PLAN

1/16" = 1'-0"

SHEET NOTES

1. SHEET NOTES AND KEY NOTES ARE FOR THE C+S SCOPE OF WORK AND ARE SPECIFIC TO THIS SHEET ONLY, UON THE ITEMS BELOW ARE HIGHLIGHTS ONLY. ALL 2022 CBC REQUIREMENTS SHALL BE ADHERED TO.
2. THE OCCUPANCIES FOR THE TENANT SPACES WERE CALCULATED PER CBC TABLE 1004.1.2.
3. REQUIRED EXITS ARE PLACED AT LEAST 1/3 THE CALCULATED DISTANCE FROM THE FARTHEST POINTS OF THE NEW SPACE. (CBC SECTION 1007.1.1 EXCEPTION 2).
4. MAXIMUM EXIT TRAVEL DISTANCE IS 250'-0" FOR A OCCUPANCY AND 300'-0" FOR B OCCUPANCY; CBC TABLE 1017.2.
5. EGRESS WIDTH CALCULATIONS FOR OPENINGS AND STAIRS IS BASED UPON CBC, SECTION 1005.3.1 AND 1005.3.2.
6. EXCEPTION 1
   - EXIT OPENING WIDTH FACTOR = 0.15 X OCCUPANT LOAD
   - STAIR WIDTH FACTOR = 0.2 X OCCUPANT LOAD
7. EGRESS WIDTH AND EXIT COMPONENTS IS BASED UPON CBC SECTION 1005.3.
8. THE NUMBER OF REQUIRED EXITS IS BASED UPON CBC TABLE 1006.2.1.
9. REFER TO DOOR SCHEDULE FOR DOOR AND FRAME TYPES, RATINGS, SIZE AND HARDWARE TYPES.
10. ALL DOORS SHALL HAVE CLEAR WIDTH NOT LESS LESS THAN 32" PER CBC SECTION 1010.1.1, UON.
11. PROVIDE TEMPORARY FIRE EXTINGUISHERS FOR C+S SCOPE OR WORK. LOCATE A MAXIMUM OF 75 FEET FROM ANY
12. LOCATION WITHIN THE PROJECT AREA AND 100 FEET BETWEEN INDIVIDUAL FEC UNITS; 3,000 SF PER CABINET. LOCATE UNITS WHERE SHOWN OR AS DIRECTED BY THE FIRE MARSHAL. FIRE EXTINGUISHERS SHALL COMPLY WITH 2022 CBC SECTION 906 AND TABLE 906.3.1. FIRE EXTINGUISHERS TO BE MOUNTED ON FREE STANDING PEDESTALS. LARSEN'S MP5 WITH RATING 2A 10B:C, 5 LBS CAPACITY.
13. SIGNAGE SHALL COMPLY WITH CBC 11B-703 FOR SIGNAGE.
14. PROVIDE SYMBOL OF ACCESSIBILITY AT FRONT ENTRANCE.
15. PROVIDE STAIRWELL TACTILE EXIT SIGNAGE PER CODE REQUIREMENT. REFER TO TACTILE SIGNAGE NOTES (2022 CBC SECTION 1023.9 AND 11B-504.8). REFER TO ENLARGED STAIR PLANS.
16. ALL INTERIOR TACTILE EGRESS SIGNAGE TO BE PROVIDE DURING FUTURE TI PHASE.
17. ALL FIRE PROTECTION EQUIPMENT AND ROOMS CONTAINING CONTROLS FOR AIR-CONDITIONING SYSTEMS, SPRINKLER RISERS AND VALVES, OR OTHER SUPPRESSION OR CONTROL ELEMENTS SHALL BE IDENTIFIED BY APPROVED SIGNAGE AND ACCESSIBLE BY FIRE DEPARTMENT PER SECTION 509, 2022 CALIFORNIA FIRE CODE. COORDINATE SIGNAGE REQUIREMENTS AND ACCESS WITH LOCAL FIRE MARSHAL JURISDICTION.
18. PROVIDE EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM.
19. THE MAXIMUM REQUIRED EXIT SEPARATION IS BASED UPON CBC, SECTION 1007.1.
20. RESTROOM FIXTURE CALCULATION BASED UPON 2022 CPC CODE:
    A. REQUIREMENTS PER 1029 CPC TABLE 422.1.
    B. AREA SQUARE FOOTAGE SHOWN INCLUDES USABLE SPACES, LESS ACCESSORY AREAS, (HALLWAYS, CIRCULATION, RESTROOM, STAIR ENCLOSURE, UTILITY/STORAGE ROOMS, PER TABLE A EXCEPTION.
    C. OCCUPANCY LOAD FACTORS USED INCLUDE:
       - ASSEMBLY: A2, A3 = 1/20
       - BUSINESS: B = 1/200
21. ALL REQUIRED OCCUPANCY SEPARATIONS FOR THE FUTURE MIXED OCCUPANCY ZONES TO BE DETERMINED DURING THE FUTURE TI SCOPE OF WORK.

KEYNOTES

EXIT WIDTH CALCULATION

LEVEL	OCCUPANT LOAD	TOTAL NUMBER OF EXITS		TOTAL EGRESS WIDTH		TOTAL STAIR WIDTH	
				FACTOR = 0.15		FACTOR = 0.2	
		REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
FLR 6	709 OCC	3	3	106"	108"	142"	180"

NOTES:
1. CALCULATIONS IN THIS TABLE ARE BASED ON 2022 CBC SECTION 1005.3
2. EGRESS WIDTHS BASED ON CBC SECTION 1005.3.1 AND 1005.3.2
3. EGRESS WIDTH MEETS CBC SECTION 1005.5 FOR DISTRIBUTION OF MINIMUM WIDTH AND REQUIRED CAPACITY

OCCUPANT LOAD CALCULATION

Code Plan-Occupancy Schedule - Level 6

NAME	OCCUPANCY	AREA (SF)	LOAD FACTOR	OCCUPANT LOAD
ELECTRICAL	B	182 SF	300	1
IDF	B	171 SF	300	1
MEN RR	B	179 SF	150	2
OFFICE	B	16490 SF	150	110
TERRACE	B	706 SF	15	48
TERRACE	B	3616 SF	15	242
TERRACE	B	666 SF	15	45
TERRACE	B	593 SF	15	40
TERRACE	B	591 SF	15	40
TERRACE	B	703 SF	15	47
TERRACE	B	639 SF	15	43
TERRACE	B	644 SF	15	43
TERRACE	B	671 SF	15	45
WOMEN RR	B	192 SF	150	2
		26042 SF		709

LEGEND

OFFICE / Occupancy / 1/100 / 150 SF / 15 | 1 — ROOM TYPE, OCCUPANCY TYPE, LOAD FACTOR, ROOM AREA, NO. OF REQD EXITS — CODE ROOM TAG

CALCULATED OCCUPANCY LOAD

171 / 26" | 72" — OCC LOAD SERVED, REQD WIDTH, PROVIDED WIDTH OPENING OR STAIR (WHERE INDICATED) — EGRESS LOADS/WIDTHS FOR EXIT OPENING AND STAIR

OP-XX — EGRESS LOADS/WIDTHS FOR EXIT OPENING AND STAIR (SEE EXIT WIDTH CALCS AT POINT OF EGRESS CHART)

REQUIRED POINT OF EGRESS

PATH OF EGRESS ROUTE

22' - 4 1/8" MAX. DIAGONAL DISTANCE — MAX DIAGONAL DISTANCE

22' - 4" ACTUAL EXIT SEPARATION PROVIDED — ACTUAL EXIT SEPARATION, CBC SECTION 1007.1.1, EXCEPTION 2

COMMON PATH OF EGRESS TRAVEL, (MAX 100 FEET PER CBC TBL1006.3.2(2)

MAXIMUM EXIT TRAVEL DISTANCE ROUTE (MAX 300 FEET PER CBC TBL 1017.2)

TRAVEL ROUTE AND DISTANCE TO NEAREST FEC (MAX 75')

EXIT — ILLUMINATED EXIT SIGN WITH DIRECTIONAL ARROWS (WHERE SHOWN)

AE — ACCESSIBLE ENTRANCE / EXIT WITH ADA COMPLIANT SIGNAGE

FEC — FIRE EXTINGUISHER CABINET - RECESSED MOUNTED, UON

R = 75' NTS — FIRE EXTINGUISHER SEPARATION - ACCESS RADIUS RANGE OF 75' MAXIMUM

NEW PARTITION, SEE FLOOR PLANS FOR PARTITION TYPE

1 - HOUR RATED PARTITION, SEE FLOOR PLANS FOR PARTITION TYPE

2 - HOUR RATED PARTITION, SEE FLOOR PLANS FOR PARTITION TYPES

TI AREA NON-RATED

1 - HOUR RATED ROOM

2 - HOUR RATED ROOM

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30 E Santa Clara St.
Suite 200
San Jose
California 95113

Office 408 294-8000
Fax 408 294-1747

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HARVEST PROPERTIES

PROJECT NAME & ADDRESS:

BESPOKE

445 S B STREET
SAN MATEO, CA, 94401

ISSUE:	PLANNING APPLICATION RESUBMITTAL #2
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SHEET NAME:
SIXTH FLOOR CODE PLAN

SHEET NUMBER:
1 A0.6

1/29/2024 3:35:17 PM
Plot date

CORNER OF 4TH & B

12" = 1'-0"

NOTE: FOR ILLUSTRATIVE PURPOSES ONLY. ALL RELEVANT PROJECT DETAILS ARE INCLUDED IN THE DRAWING SHEETS. ALL REFERENCE TO SIGNAGE IS HYPOTHETICAL AS FINAL SIGNAGE DESIGN WILL GO THROUGH PROPER APPROVAL CHANNELS.

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A0.7

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2

RETAIL VIEWS

12" = 1'-0"

1

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A0.8

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1

B STREET ELEVATION

12" = 1'-0"

2

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1

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A0.9

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1

5TH AVENUE AND SOUTH RAILROAD AVENUE FACING WEST

2

12" = 1'-0"

1

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RENDERINGS

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A0.10

1/29/2024 3:35:29 PM

4TH AVENUE ELEVATION

12" = 1'-0"

1

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RENDERINGS

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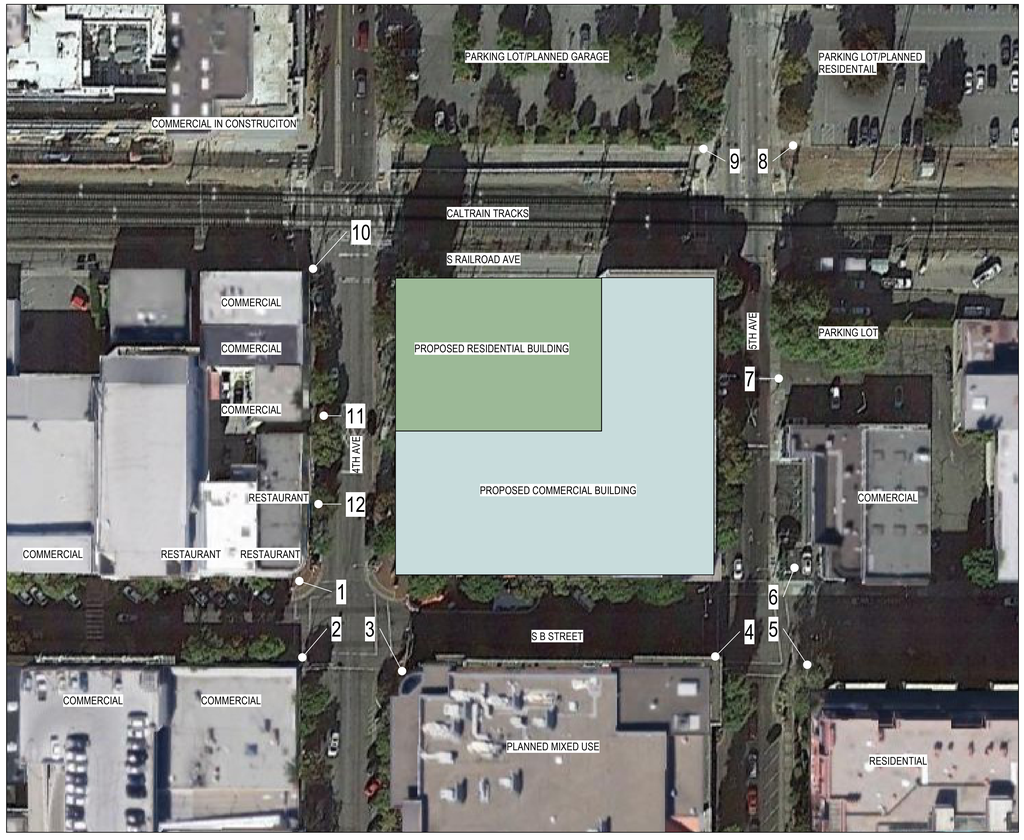
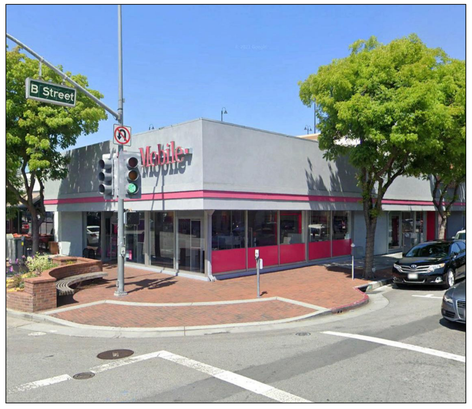


1. RESTAURANT



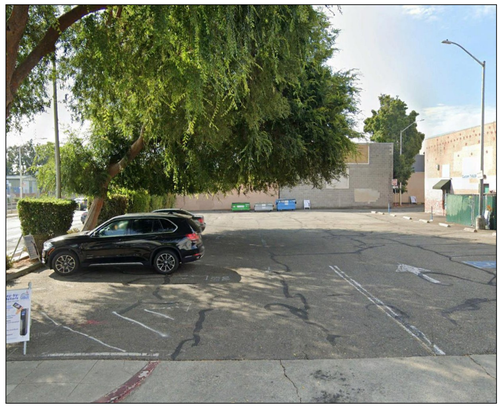
2. COMMERCIAL

3. PLANNED MIXED USE

4. PLANNED MIXED USE

5. RESIDENTIAL

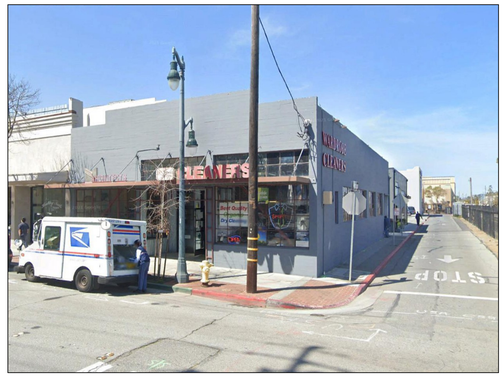
6. COMMERCIAL



7. PARKING LOT

8. PARKING LOT/PLANNED RESIDENTIAL

9. PARKING LOT/PLANNED GARAGE



10. COMMERCIAL

11. COMMERCIAL

12. RESTAURANT

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NEIGHBORHOOD CONTEXT

SHEET NUMBER:
A0.12

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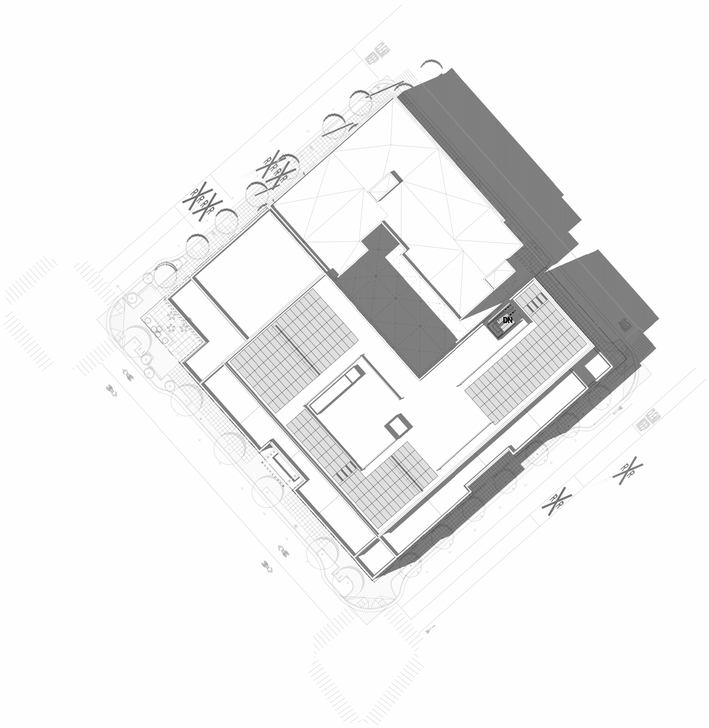
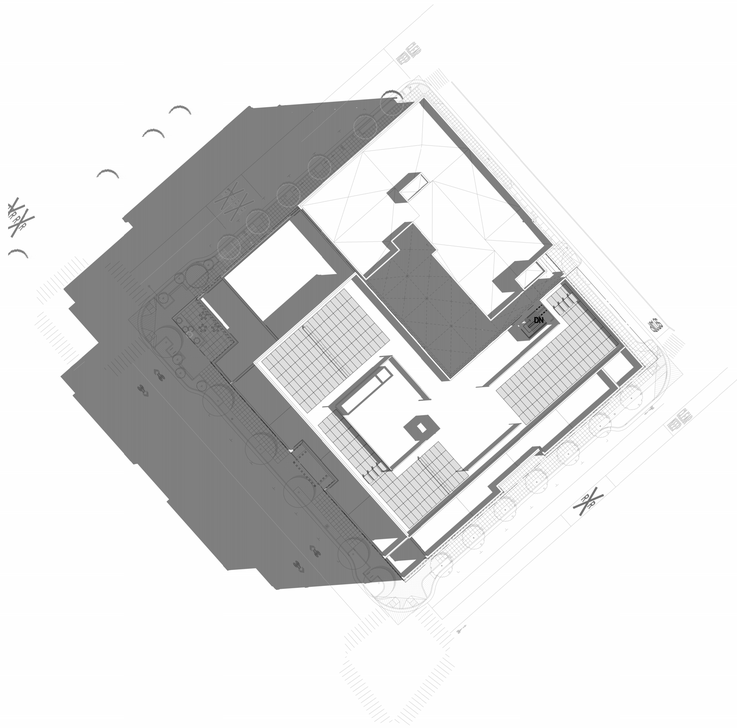


SOLAR STUDY - JUNE 21 - 3 PM

1" = 40'-0"

3



SOLAR STUDY - JUNE 21 - 9 AM

1" = 40'-0"

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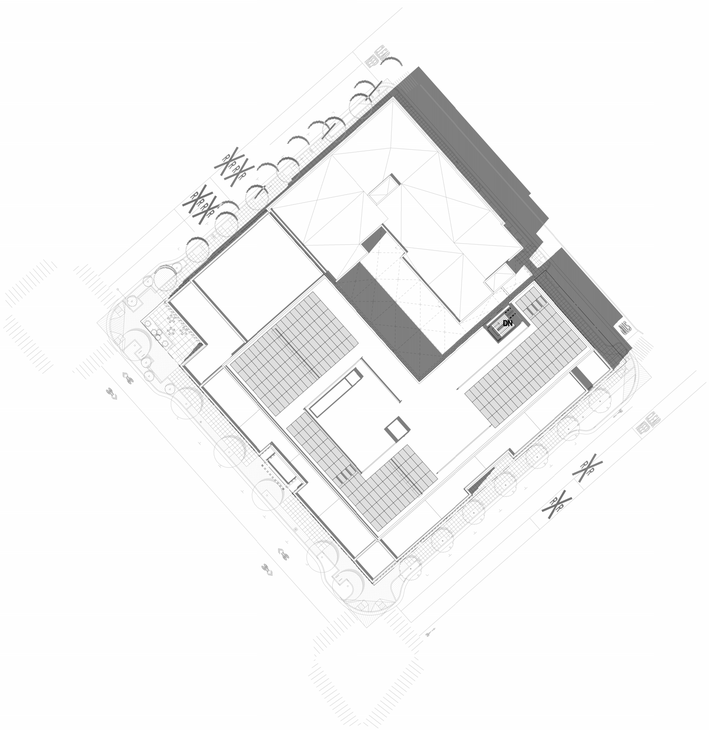

SOLAR STUDY - JUNE 21 - 2 PM

1" = 40'-0"

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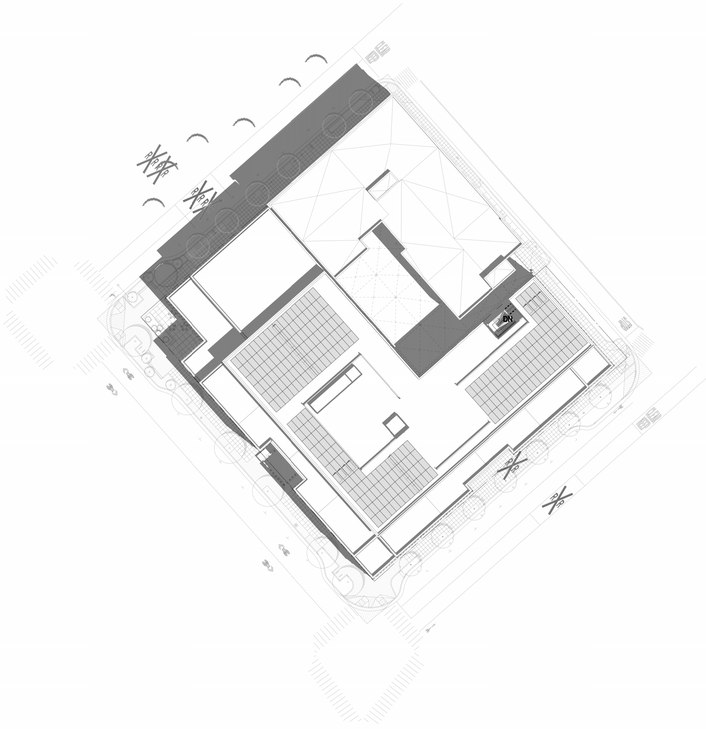

SOLAR STUDY - JUNE 21 - 12 PM

1" = 40'-0"

2

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SHADOW STUDIES

SHEET NUMBER:
A0.13

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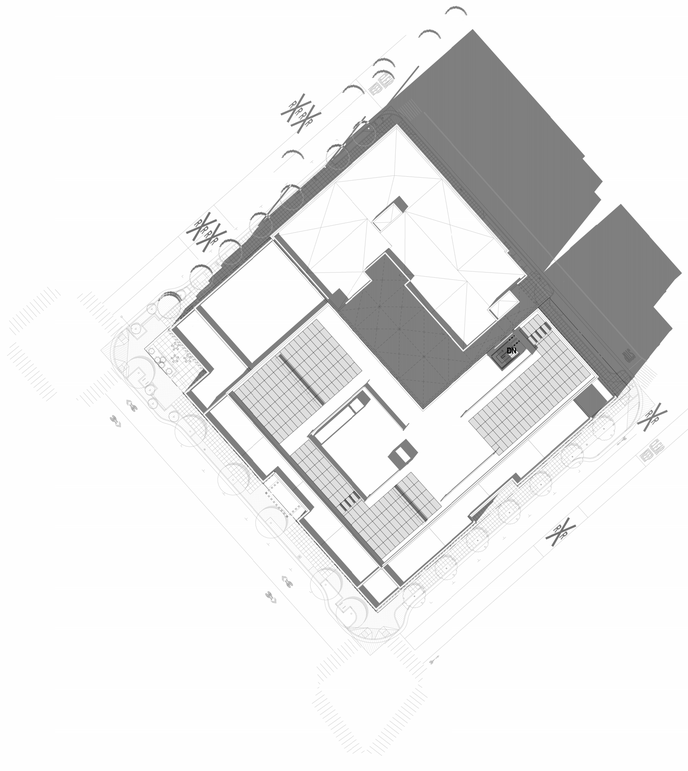

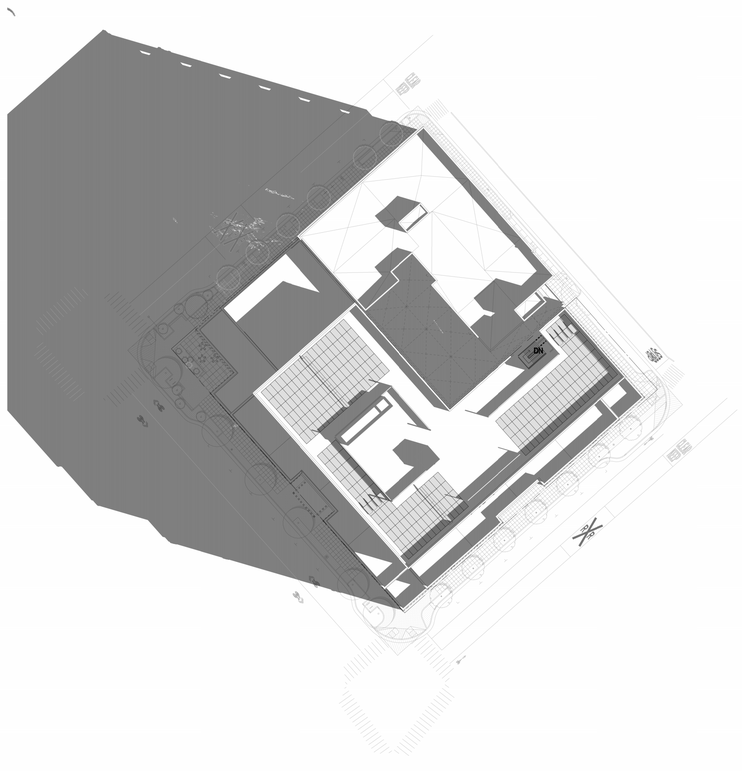

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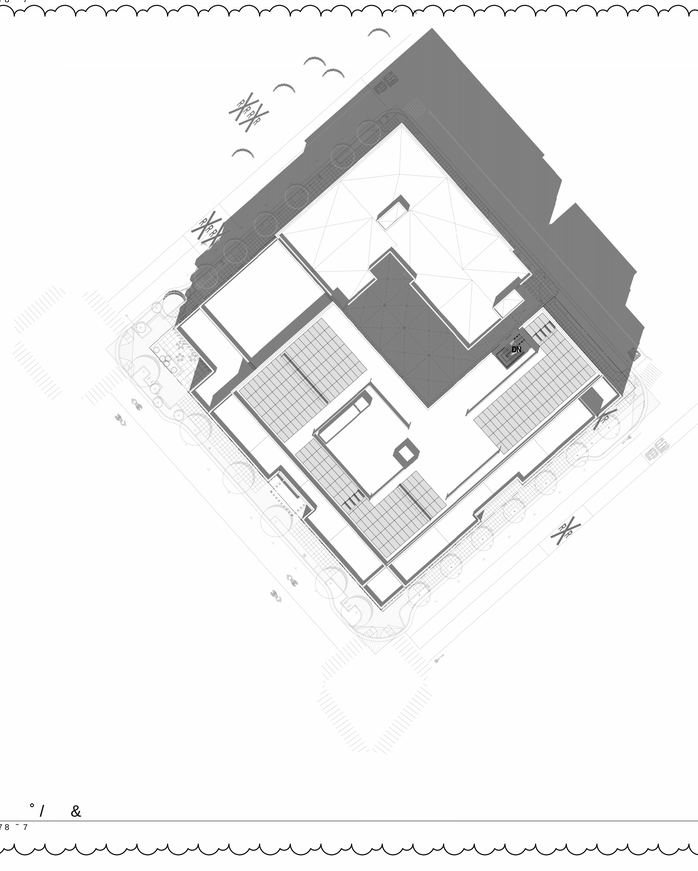

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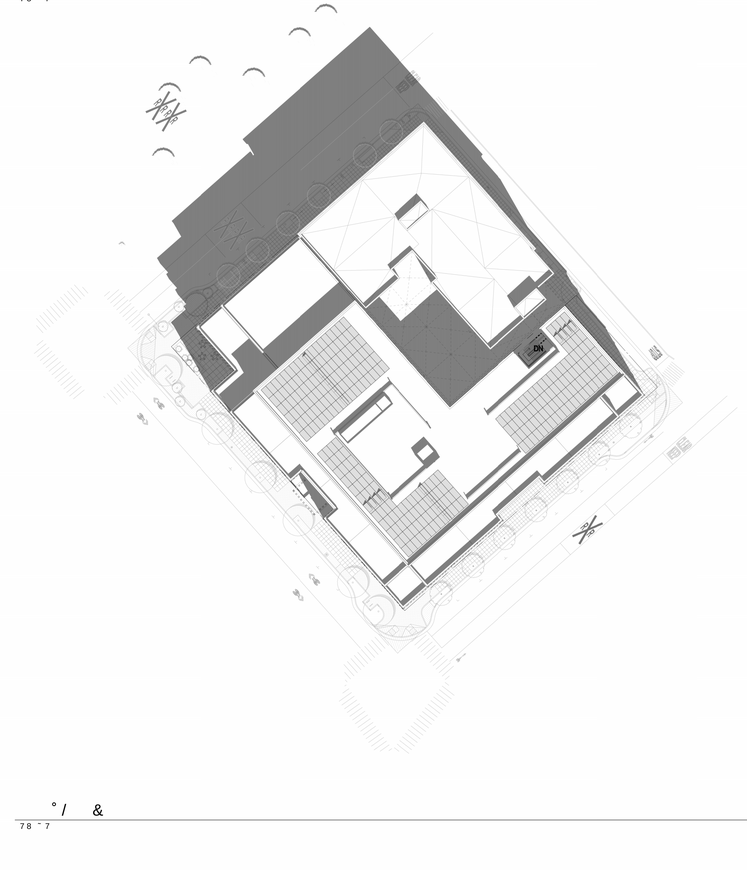

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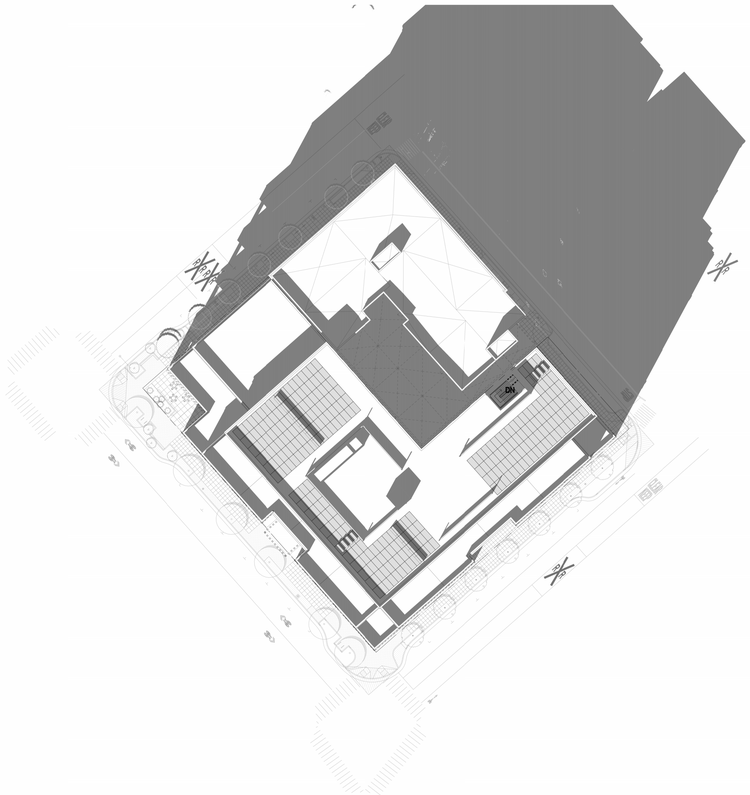
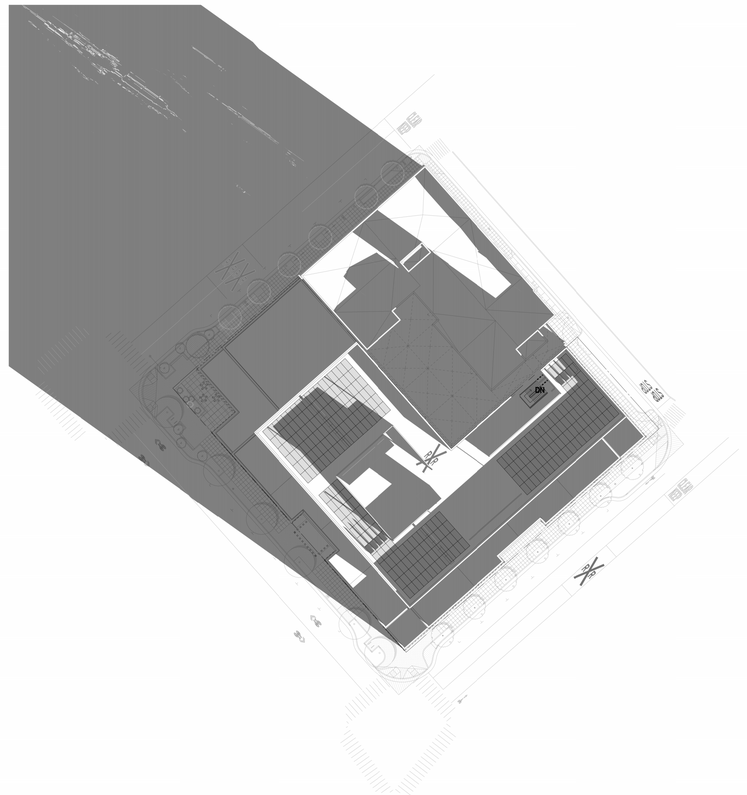


SOLAR STUDY - DEC 21 - 3 PM
1" = 40'-0"
3



SOLAR STUDY - DEC 21 - 9 AM
1" = 40'-0"
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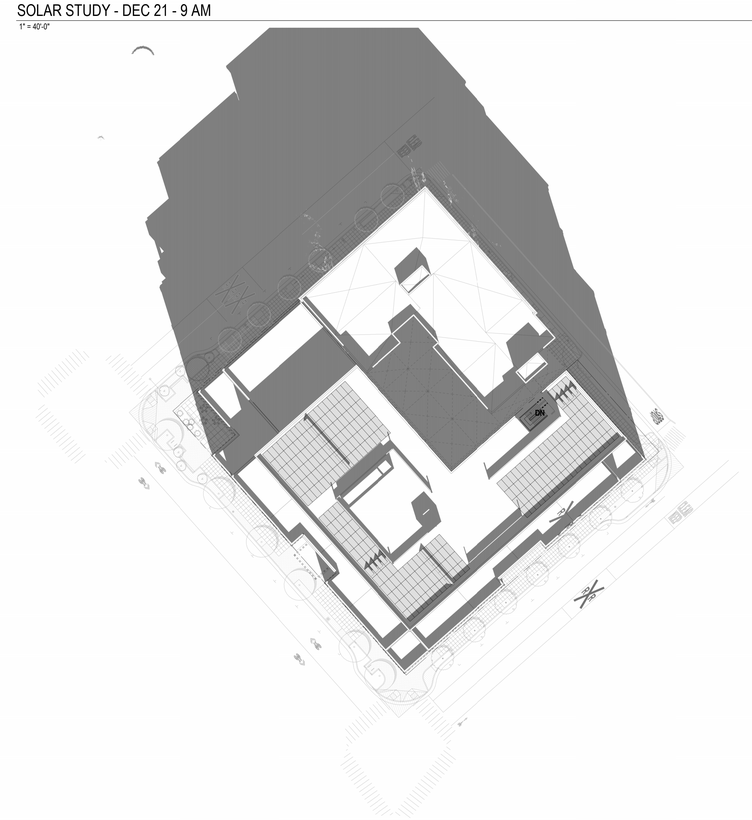
SOLAR STUDY - DEC 21 - 2 PM
1" = 40'-0"
4



SOLAR STUDY - DEC 21 - 12 PM
1" = 40'-0"
2

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Suite 200
San Jose
California 95113

Office
408 294-8000

Fax
408 294-1747

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CLIENT:

HARVEST
PROPERTIES

PROJECT NAME & ADDRESS:

BESPOKE

445 S B STREET
SAN MATEO, CA, 94401

ISSUE:	PLANNING APPLICATION RESUBMITTAL #2
ISSUE DATE:	01/29/2024

REVISIONS :

#	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:	1" = 40'-0"
PROJECT NUMBER:	2202017.3
DRAWN BY:	Author
CHECKED BY:	Checker

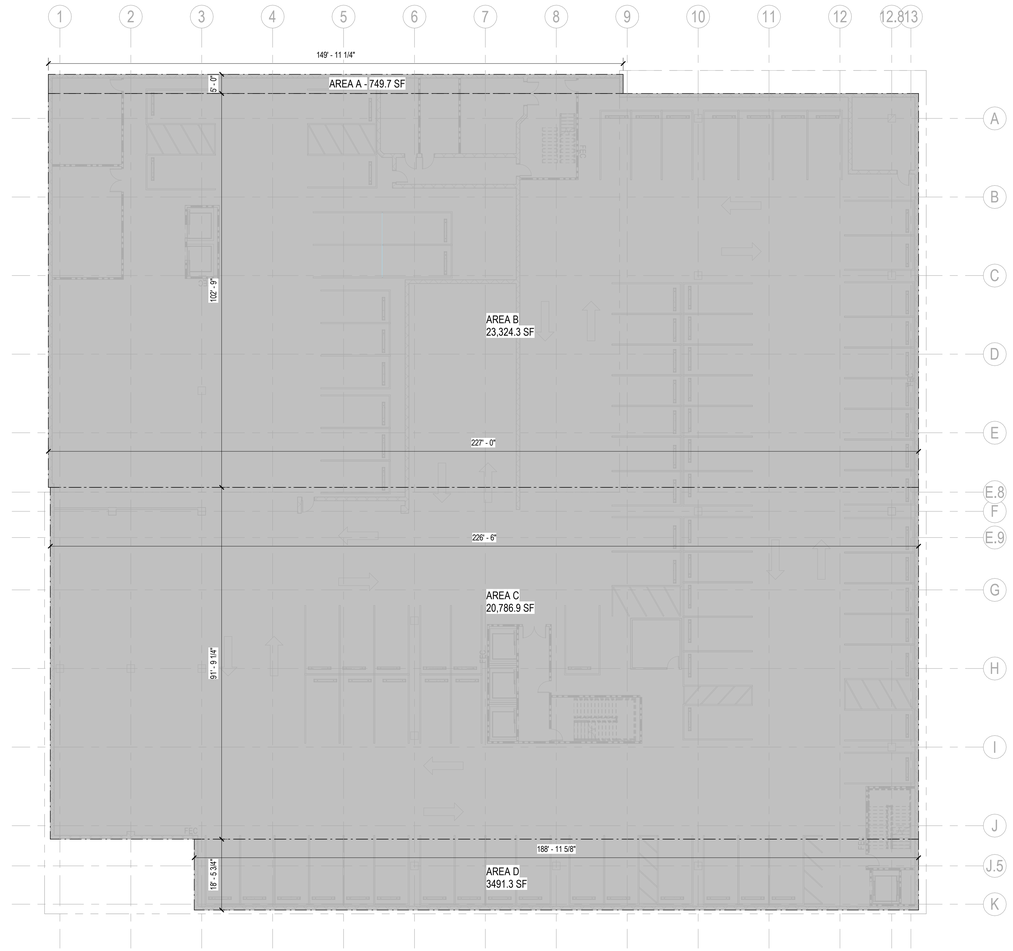
STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
SHADOW STUDIES

SHEET NUMBER:
A0.15

1/29/2024 3:37:39 PM
plot date



AREA PLAN - BASEMENT 1

1/16" = 1'-0"

FLOOR AREA CALCULATIONS:

AREA A:	749.7 SF
AREA B:	23324.3 SF
AREA C:	20786.9 SF
AREA D:	3491.3 SF

BASEMENT FLOOR AREA: 48352.2 SF

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SHEET NAME:
FLOOR AREA PLANS

SHEET NUMBER:
A0.16

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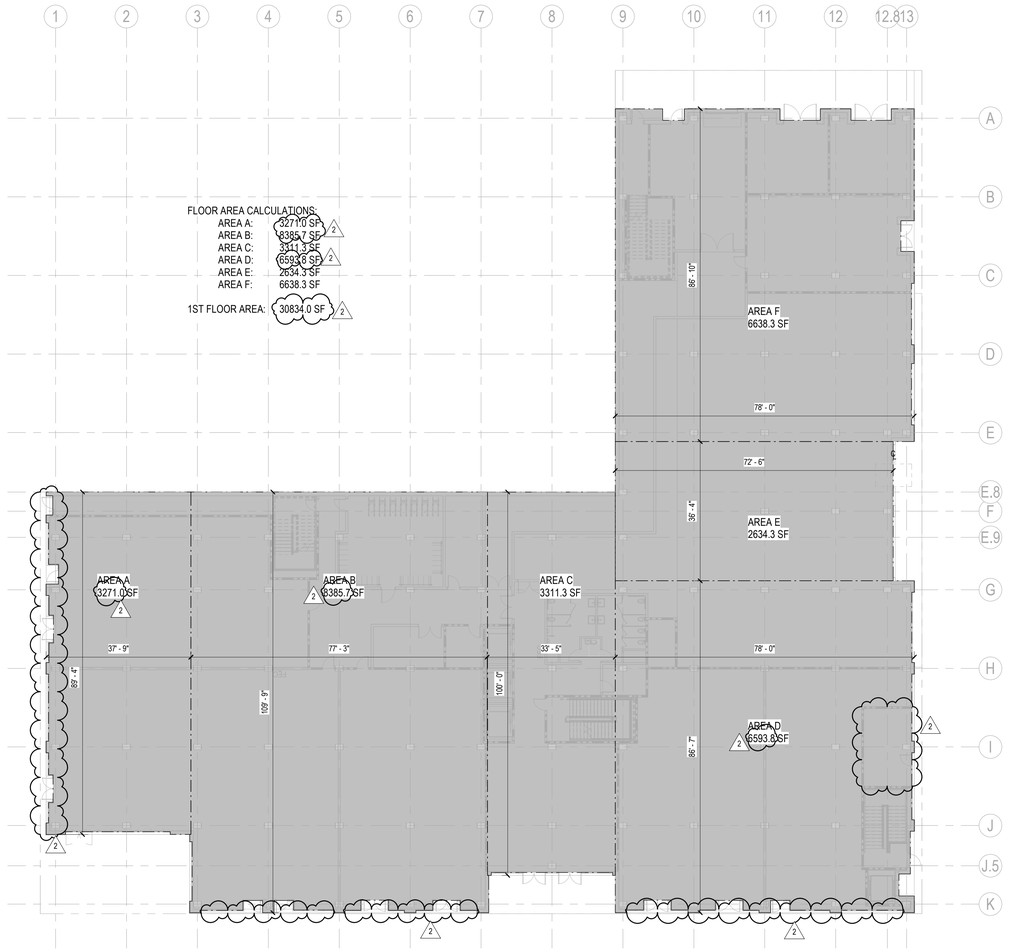
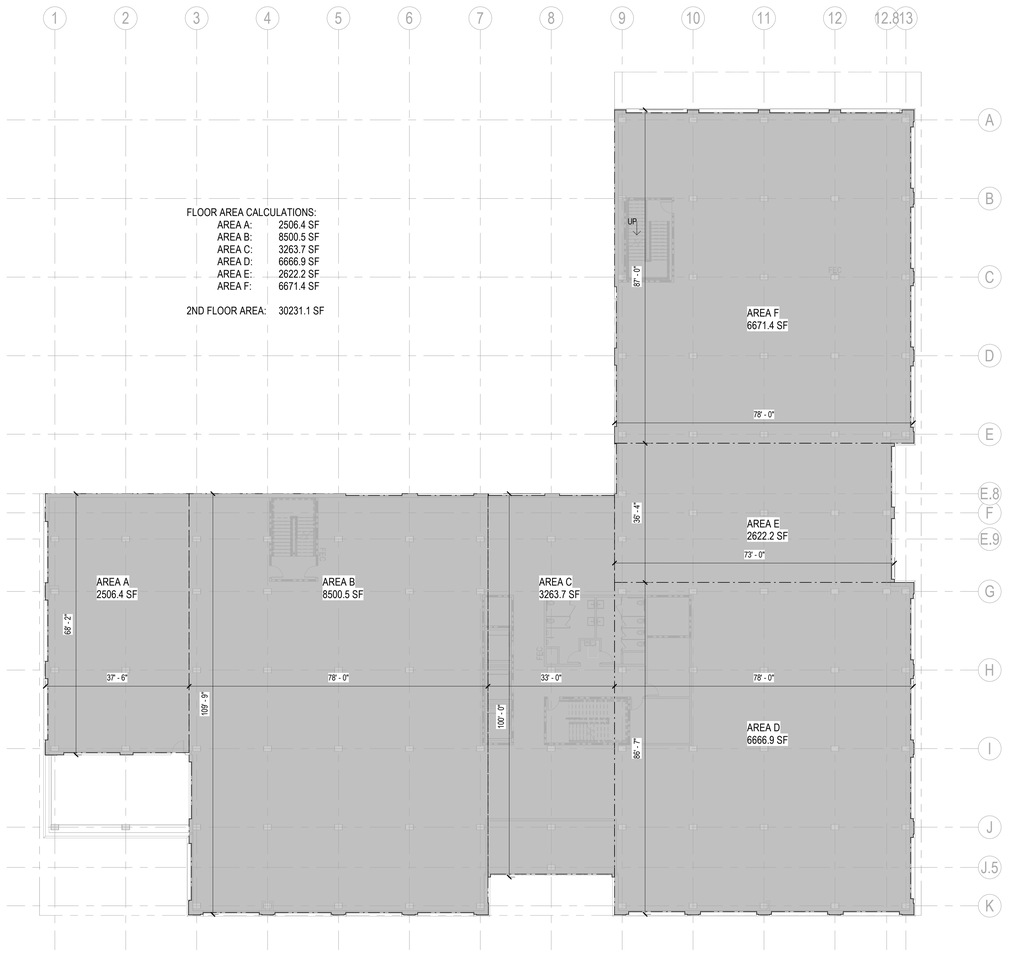
plot date



AREA PLAN - LEVEL 1

1/16" = 1'-0"

2



AREA PLAN - LEVEL 2

1/16" = 1'-0"

1

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NOT FOR CONSTRUCTION

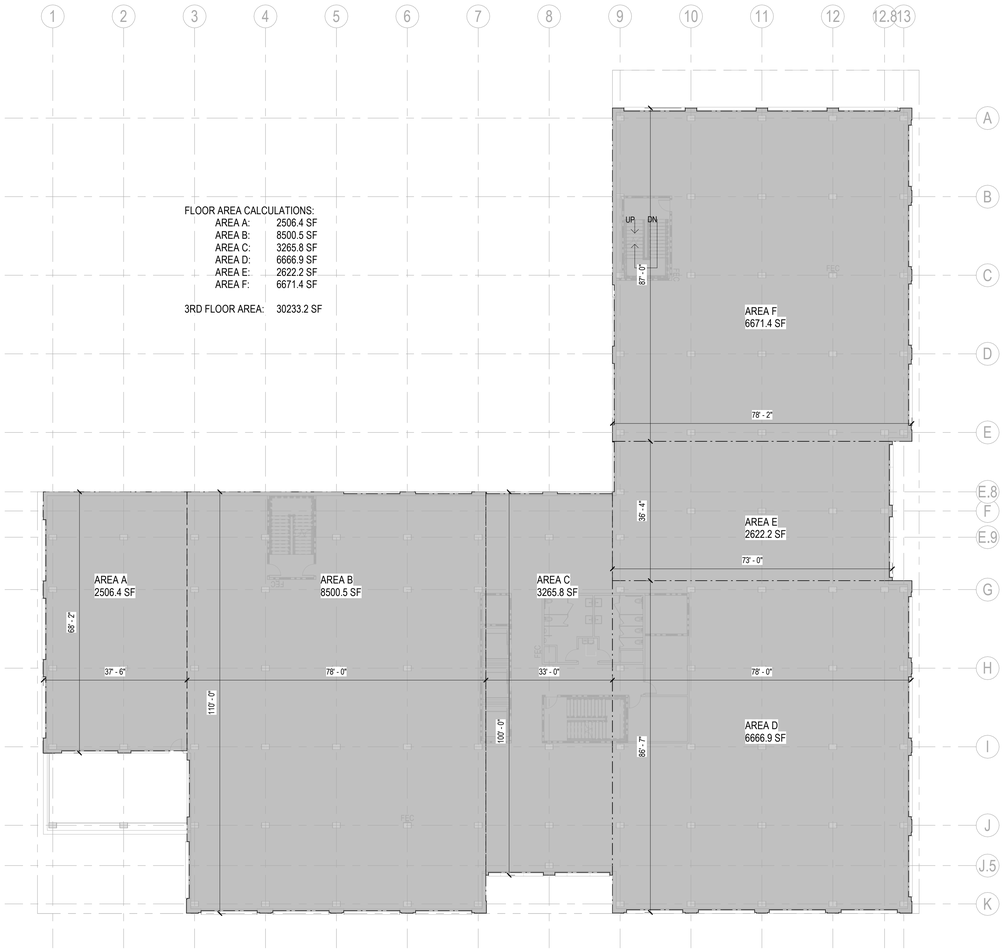
SHEET NAME:

FLOOR AREA PLANS

SHEET NUMBER:

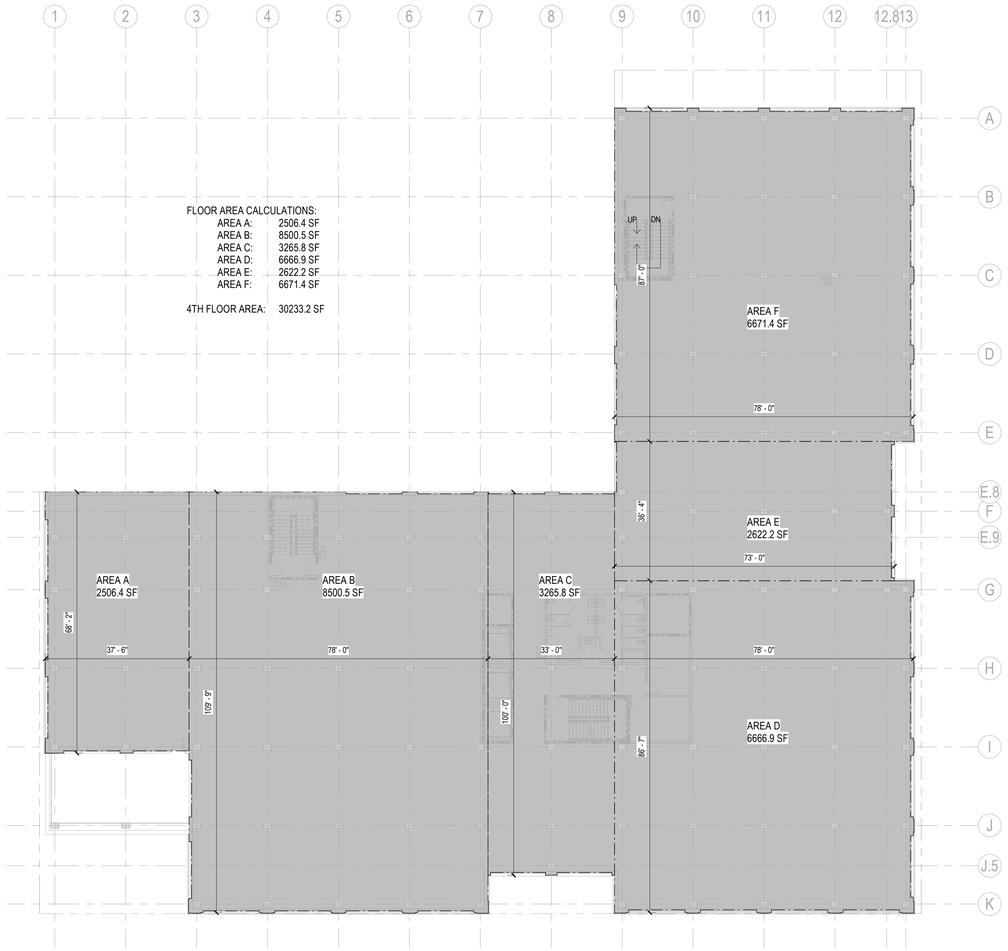
A0.17

plot date: 1/29/2024 3:37:41 PM



AREA PLAN - LEVEL 3
1/16" = 1'-0"

2



AREA PLAN - LEVEL 4
1/16" = 1'-0"

1

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SCALE: 1/16" = 1'-0"

PROJECT NUMBER: 2202017.3
DRAWN BY: Author
CHECKED BY: Checker

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SHEET NUMBER:
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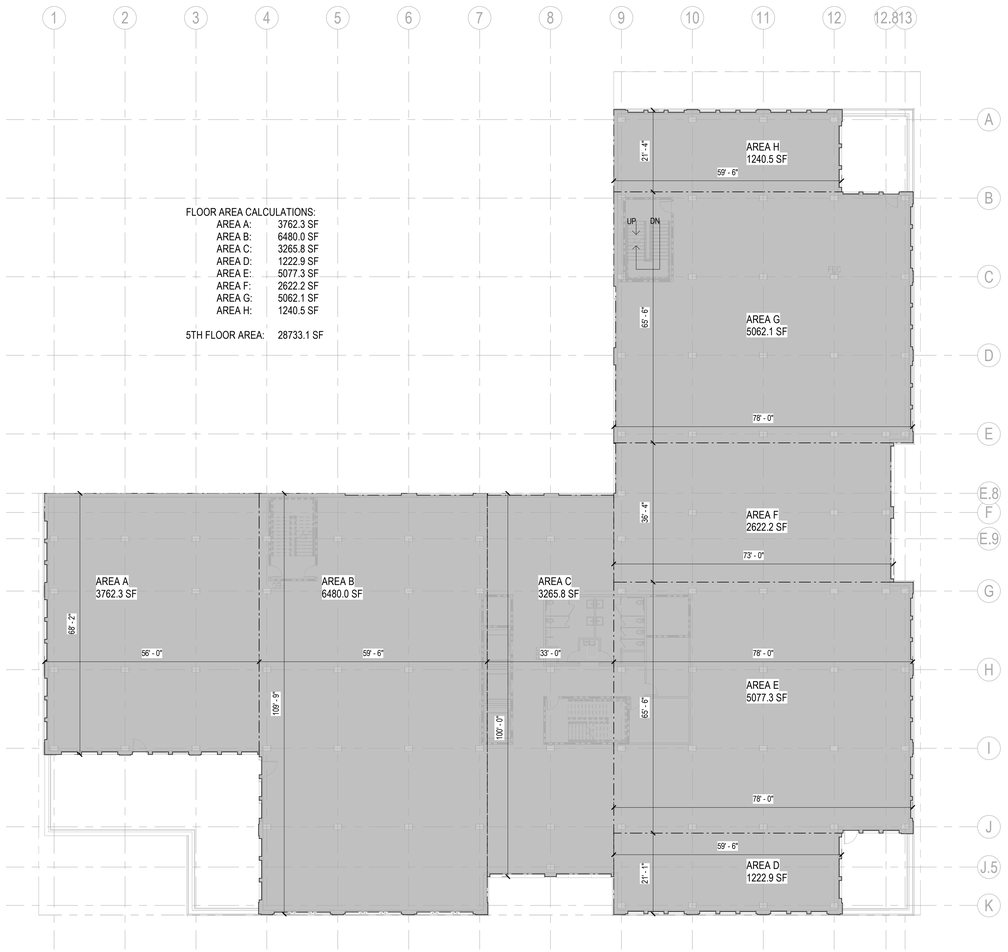
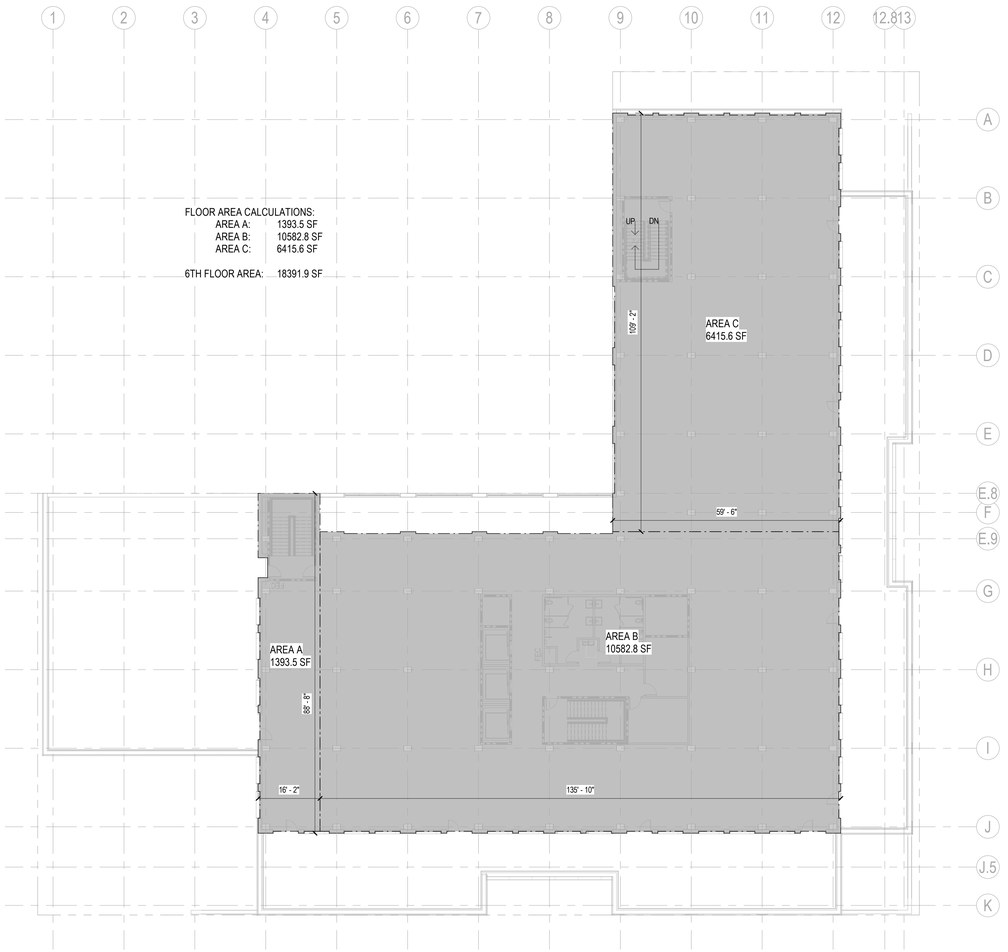


AREA PLAN - LEVEL 5
1/16" = 1'-0"

2



AREA PLAN - LEVEL 6
1/16" = 1'-0"

1

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CHECKED BY:	Checker

STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
FLOOR AREA PLANS

SHEET NUMBER:
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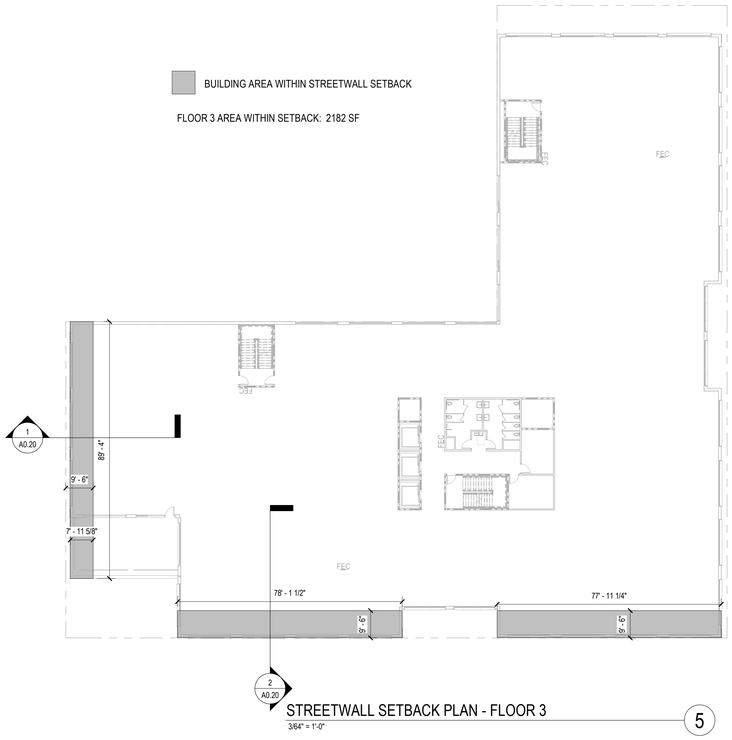
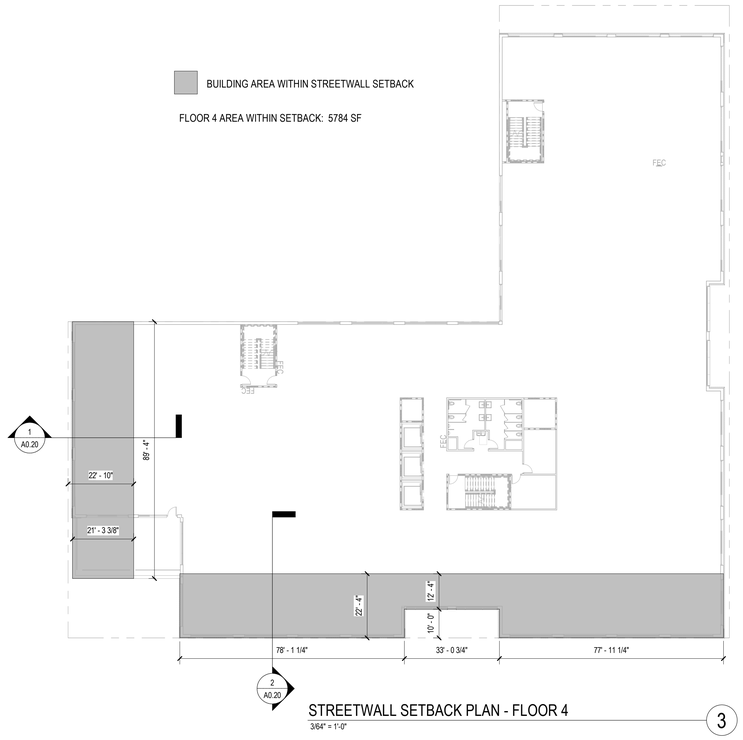
1/29/2024 3:37:49 PM



STREETWALL SETBACK PLAN - FLOOR 3

3/64" = 1'-0"

5

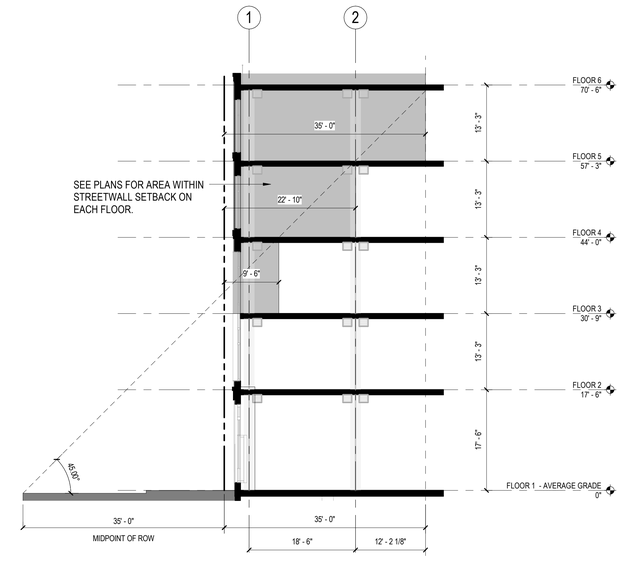


STREETWALL SETBACK PLAN - FLOOR 4

3/64" = 1'-0"

3

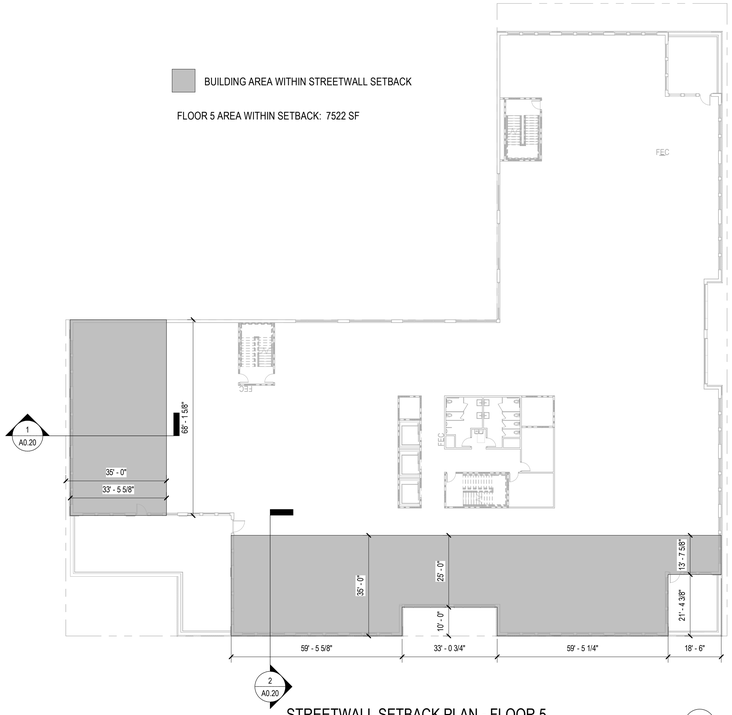
NOTE: STREET WALL SETBACK REQUIMENT ON B STREET AND 4TH AVE ONLY, PER BUILDING HEIGHT AND BULK PLAN, FIGURE 14, FROM CITY OF SAN MATEO DOWNTOWN AREA PLAN



STREETWALL SECTION - 4TH AVE

3/32" = 1'-0"

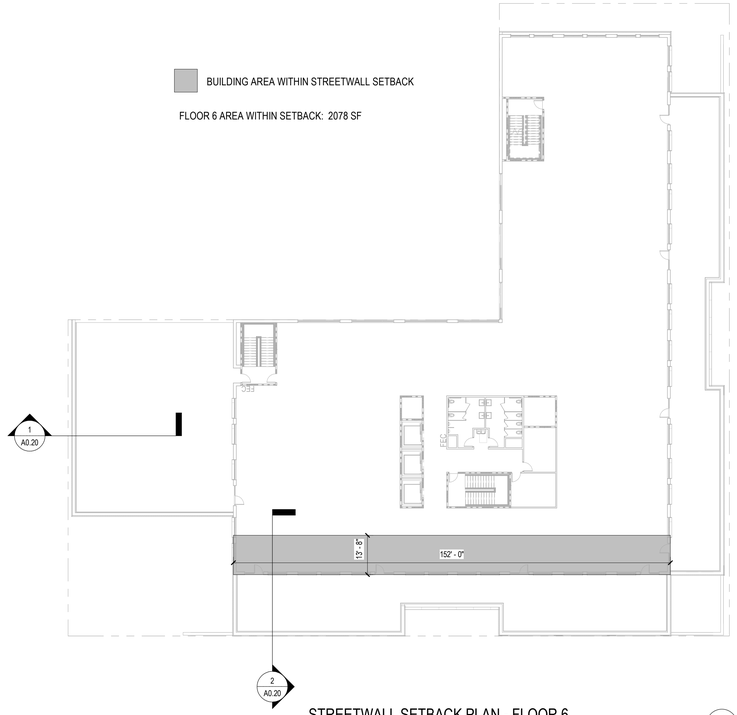
1



STREETWALL SETBACK PLAN - FLOOR 5

3/64" = 1'-0"

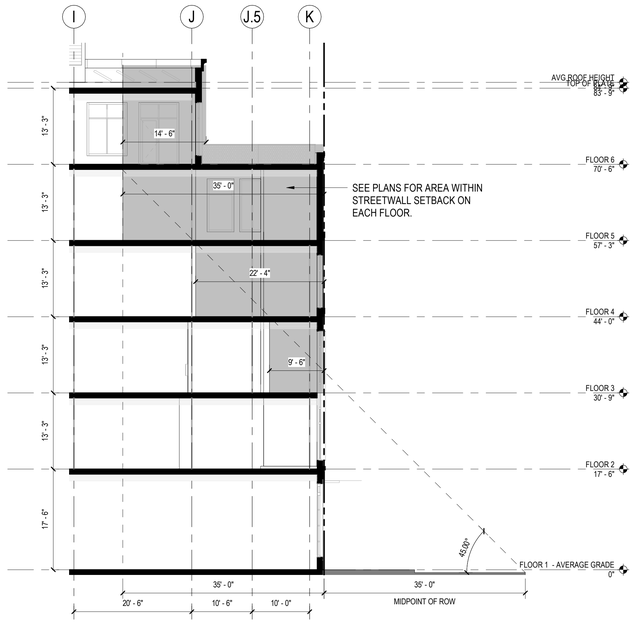
6



STREETWALL SETBACK PLAN - FLOOR 6

3/64" = 1'-0"

4



STREETWALL SECTION - B STREET

3/32" = 1'-0"

2

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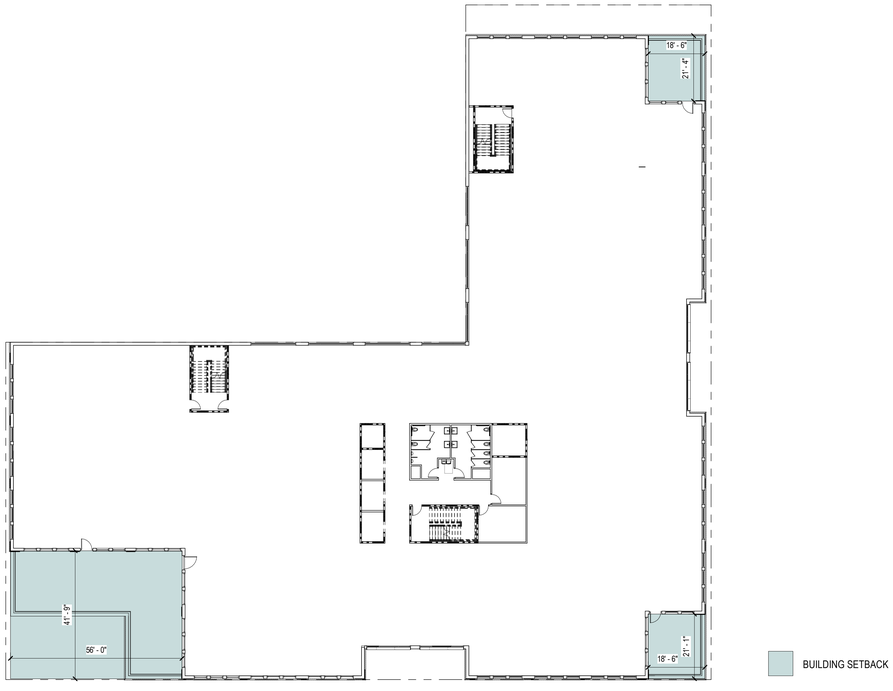
SHEET NAME:

BUILDING MASSING DIAGRAMS

SHEET NUMBER:

1 A0.20

Plot date: 10/29/2024 3:37:53 PM

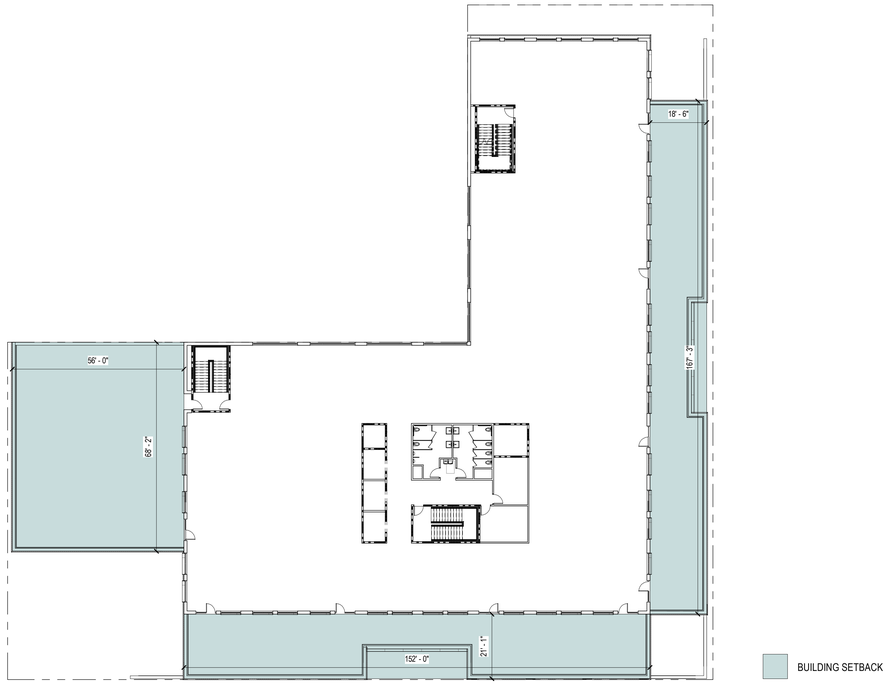


BUILDING SETBACK

BUILDING SETBACK PLAN - FLOOR 5

1" = 20'-0"

1

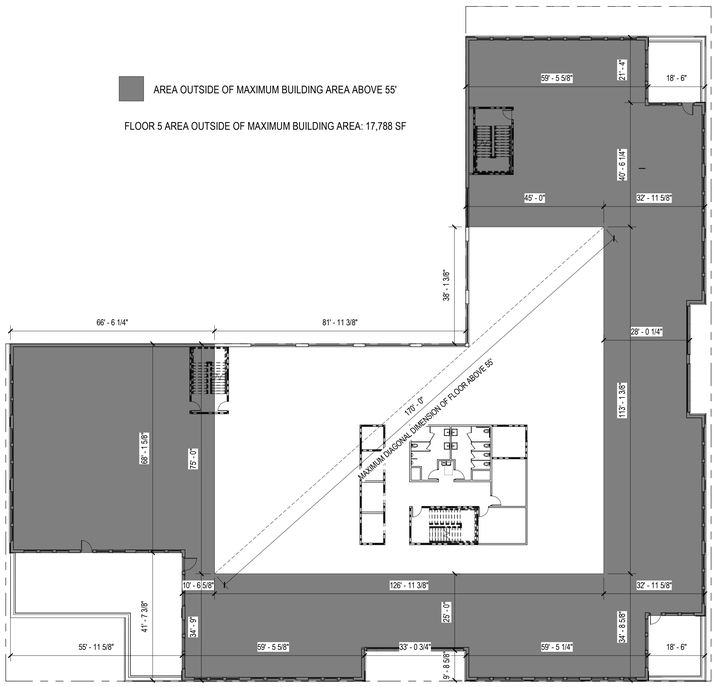


BUILDING SETBACK

BUILDING SETBACK PLAN - FLOOR 6

1" = 20'-0"

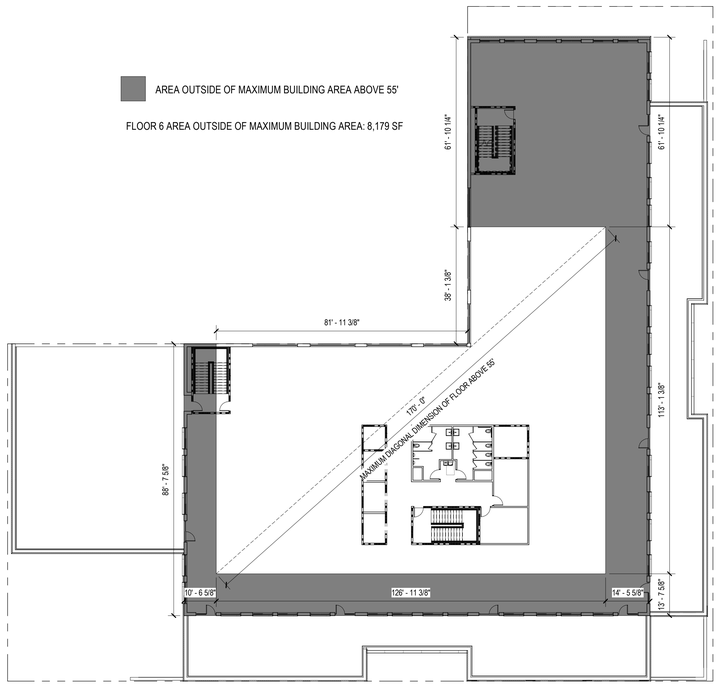
3



BULK DIMENSION ABOVE 55' PLAN - FLOOR 5

1" = 20'-0"

2



BULK DIMENSION ABOVE 55' PLAN - FLOOR 6

1" = 20'-0"

4

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PROJECT NUMBER:	2202017.3
DRAWN BY:	Author
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STAMP:

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SHEET NAME:
BUILDING MASSING DIAGRAMS

SHEET NUMBER:
A0.21

Last date: 1/29/2024 3:37:37 PM

EAST COURTYARD ELEVATION

1/8" = 1'-0"

2

NORTH COURTYARD ELEVATION

1/8" = 1'-0"

1

RESIDENTIAL BUILDING OUTLINE (BEHIND)

45% OPENINGS ALLOWED*

75% OPENINGS ALLOWED*

*CBC TABLE 705.8, UNPROTECTED, SPRINKLERED (UP, S)

ALLOWABLE EXTERIOR OPENINGS BASED ON FIRE SEPARATION DISTANCE:
REFER TO A0.22 FOR IDENTIFIED OPENINGS

PORTION OF NORTH FACADE (4TH AVE):		NO LIMIT
PORTION OF NORTH FACADE (COURTYARD):	FLOOR 2	FSD 10' (8'-3" x 12' - 10") / (13'-3" x 19'-11 3/4") = 40% PROVIDED
	FLOOR 2	FSD 15' (8'-3" x 16'-0") / (13'-3" x 19'-6 1/4") = 51% PROVIDED
	FLOOR 2	NO LIMIT
	FLOOR 3	FSD 10' (8'-3" x 12' - 10") / (13'-3" x 19'-11 3/4") = 45% PROVIDED
	FLOOR 3	FSD 15' (8'-3" x 16'-0") / (13'-3" x 19'-6 1/4") = 57% PROVIDED
	FLOOR 3	NO LIMIT
	FLOOR 4	FSD 10' (8'-3" x 12' - 10") / (13'-3" x 19'-11 3/4") = 45% PROVIDED
	FLOOR 4	FSD 15' (8'-3" x 16'-0") / (13'-3" x 19'-6 1/4") = 57% PROVIDED
	FLOOR 4	NO LIMIT
	FLOOR 5	FSD 10' (8'-3" x 12' - 10") / (13'-3" x 19'-11 3/4") = 45% PROVIDED
	FLOOR 5	FSD 15' (8'-3" x 16'-0") / (13'-3" x 19'-6 1/4") = 57% PROVIDED
	FLOOR 5	NO LIMIT
	FLOOR 6	FSD 10' (8'-3" x 12' - 10") / (13'-3" x 19'-11 3/4") = 45% PROVIDED
	FLOOR 6	FSD 15' (8'-3" x 16'-0") / (13'-3" x 19'-6 1/4") = 57% PROVIDED
	FLOOR 6	NO LIMIT
PORTION OF EAST FACADE (AT RAILROAD):		NO LIMIT
PORTION OF EAST FACADE (COURTYARD):	FLOOR 2	FSD 15' ((8'-3" x 14' - 2")+3(8'-3" x 14'-8")) / (13'-3" x 80'-1") = 45% PROVIDED
	FLOOR 3	FSD 15' ((8'-3" x 14' - 2")+3(8'-3" x 14'-8")) / (13'-3" x 80'-1") = 47% PROVIDED
	FLOOR 4	FSD 15' ((8'-3" x 14' - 2")+3(8'-3" x 14'-8")) / (13'-3" x 80'-1") = 47% PROVIDED
	FLOOR 5	FSD 15' ((8'-3" x 14' - 2")+3(8'-3" x 14'-8")) / (13'-3" x 80'-1") = 47% PROVIDED
	FLOOR 6	FSD 15' ((8'-3" x 14' - 2")+3(8'-3" x 14'-8")) / (13'-3" x 80'-1") = 47% PROVIDED
SOUTH FACADE (5TH AVE):		NO LIMIT
WEST FACADE (B ST):		NO LIMIT

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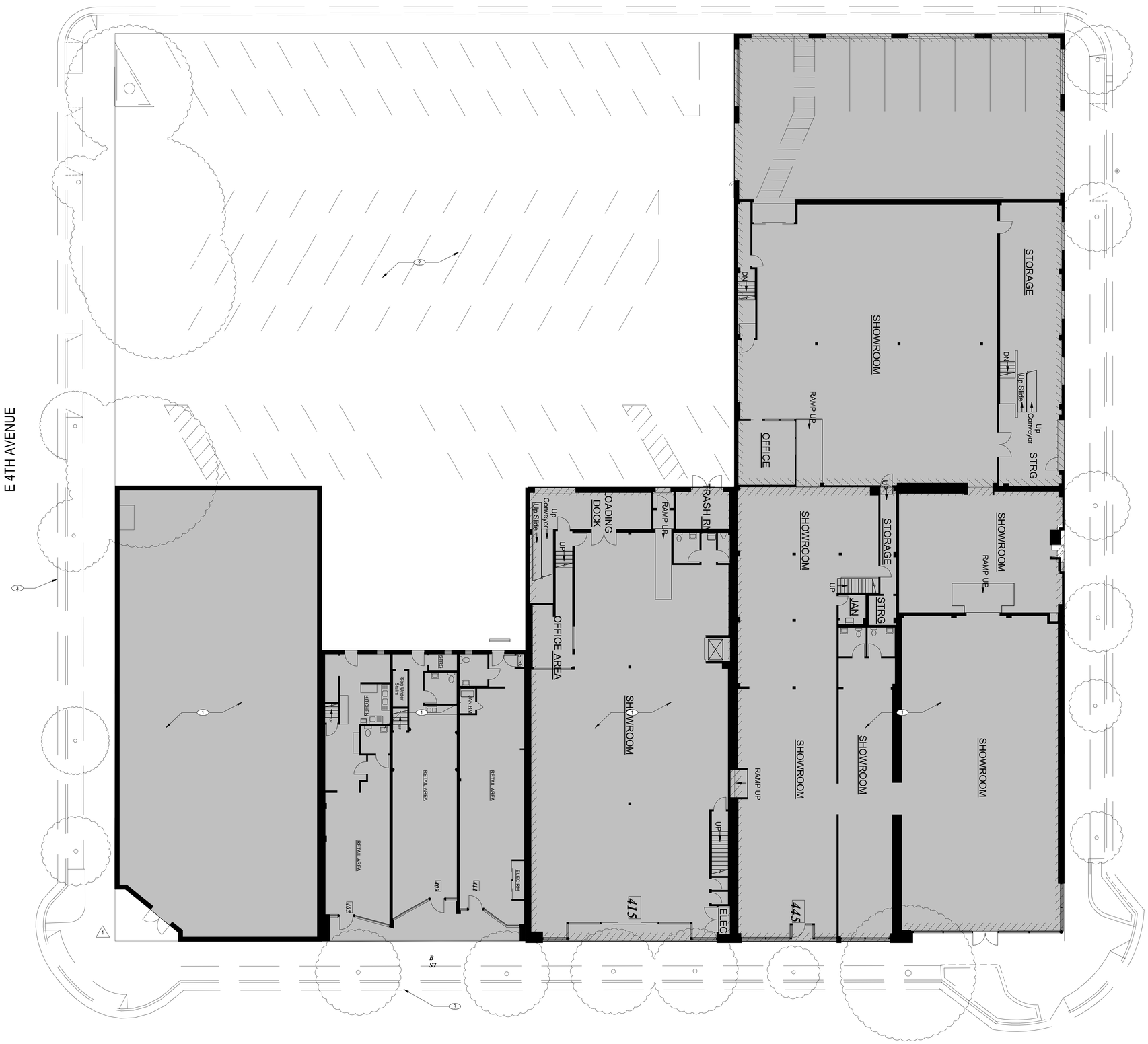
SHEET NAME:
ALLOWABLE OPENINGS

SHEET NUMBER: 2 A0.22

Plot date: 1/29/2024 3:38:14 PM



KEYNOTES

#	KEYNOTE DESCRIPTION
1	EXISTING BUILDING TO BE REMOVED
2	EXISTING PAVEMEMENT AND PARKING AREA TO BE REMOVED
3	EXISTING CURB TO BE MODIFIED PER CIVIL DRAWINGS

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SHEET NAME:

EXISTING SITE PLAN

SHEET NUMBER:

A1.0

plot date: 1/29/2024 3:38:15 PM

CLEAR
KEEP

S RAILROAD AVE

4TH AVENUE

5TH AVENUE

S B STREET

PROPOSED RESIDENTAIL BUILDING
SEE AR SERIES

PROPOSED BUILDING FOOTPRINT
30,834 SF

FFE 97.39
FFE 97.23
FFE 97.12
FFE 97.33
FFE 98.37
FFE 99.96
FFE 101.00
FFE 100.82
FFE 100.63
FFE 100.44
FFE 100.34

24 Bikes
12 Bikes
16 Bikes
HWB 93

+/- 96.38
+/- 99.72
+/- 100.80
+/- 99.75

12' - 11 3/4"
18' - 8 1/4"
29' - 3"
5' - 0"
15' - 0"
109' - 9"
100% OF FRONTAGE
11' - 6 7/8"
40' - 2"
34' - 2 1/4"
9' - 8 1/8"
115' - 5 3/8"
51% OF FRONTAGE
15' - 6"
38' - 2 5/8"
33' - 0"
15% OF FRONTAGE
78' - 0"
34% OF FRONTAGE

KEYNOTES

#	KEYNOTE DESCRIPTION
1	PROPOSED BUILDING
2	PROPOSED RESIDENTIAL BUILDING, SEE AR SERIES
3	PROPOSED OUTDOOR PLAZA
4	PROPOSED PLANTING AREAS. REFER TO LANDSCAPE AND CIVIL DRAWINGS
5	PROPOSED IMPROVEMENTS TO PUBLIC R.O.W. REFER TO CIVIL DRAWINGS
6	PROPOSE CITY OF SAN MATEO ACCESS EASEMENT
7	PROPOSED PUBLIC ART LOCATION

SITE PLAN
3/32" = 1'-0"

1

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SHEET NAME:
PROPOSED SITE PLAN

SHEET NUMBER:
A1.1

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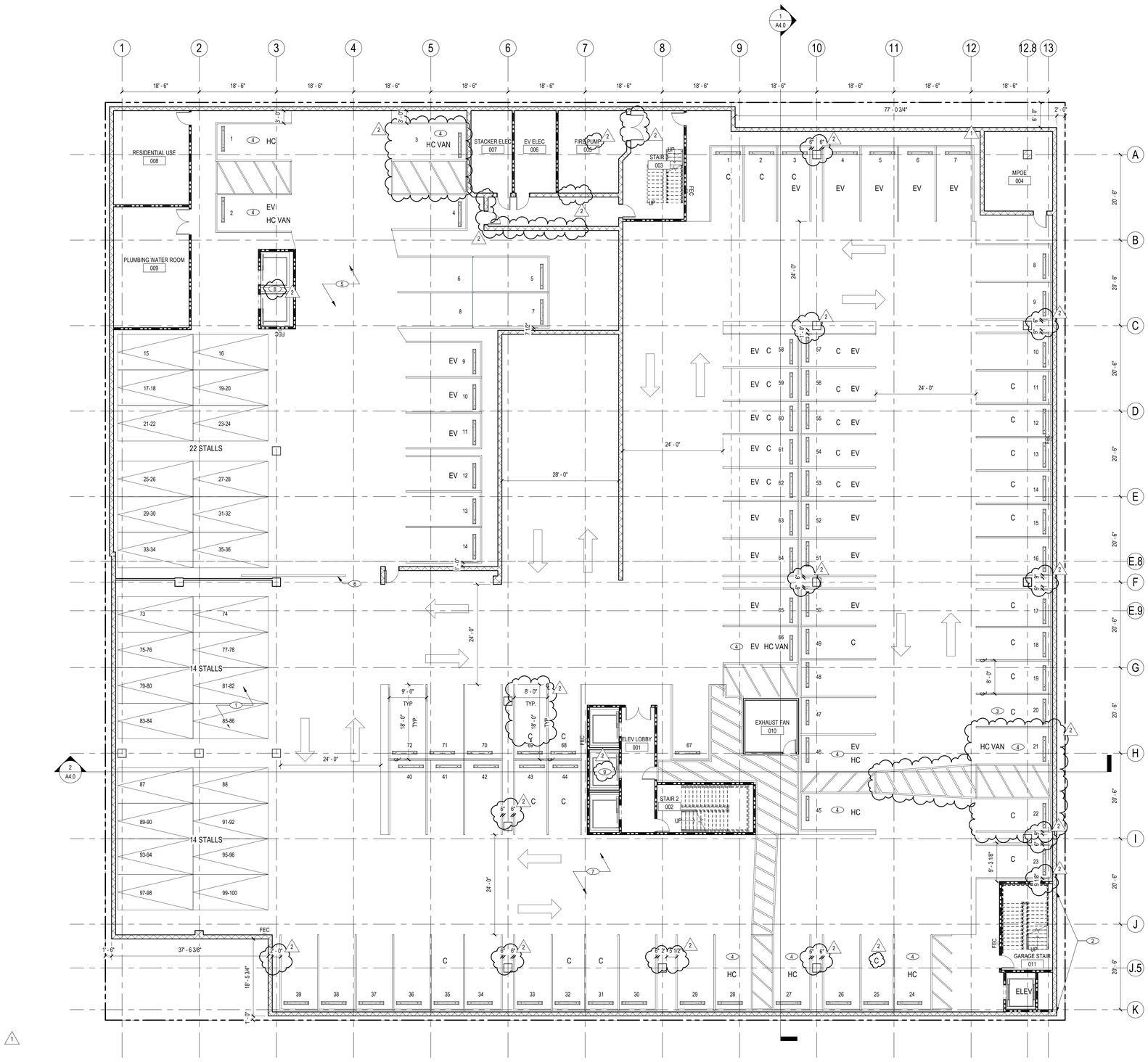

BASEMENT PLAN

3/32" = 1'-0"

1

KEYNOTES

#	KEYNOTE DESCRIPTION
1	KLAUS TRENDVARIO 6200 MECHANICAL VEHICLE STACKING SYSTEM (MANUFACTURER AND PRODUCT SUBJECT TO CHANGE)
2	PUBLIC ACCESS STAIR & ELEVATOR TO STREET LEVEL
3	COMPACT PARKING STALL, TYP.
4	ACCESSIBLE PARKING STALL, TYP.
5	SECURED RESIDENTIAL PARKING AREA
6	REMOTE-OPERATED SECURITY GATE
7	COMMERCIAL PARKING AREA
8	RESIDENTIAL ELEVATORS
9	COMMERCIAL ELEVATORS

LEGEND

- N/C (NOT IN CONTRACT)
- NEW PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- NEW FIRE RATED PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- FEC — NEW FIRE EXTINGUISHER AND CABINET
- NEW DOOR ASSEMBLY
- FINISH TRANSITION

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CLIENT:

HARVEST PROPERTIES

PROJECT NAME & ADDRESS:

BESPOKE

445 S B STREET
SAN MATEO, CA, 94401

ISSUE: PLANNING APPLICATION RESUBMITTAL #2
ISSUE DATE: 01/29/2024

REVISIONS :

#	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE: As indicated

PROJECT NUMBER: 2202017.3
DRAWN BY: Author
CHECKED BY: Checker

STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
BASEMENT PLAN

SHEET NUMBER:
A2.0

plot date: 1/29/2024 3:38:31 PM

CLEAR KEEP

RESIDENTIAL SEE AR SERIES

STAIR 3 103 | TRASH ROOM 114 | TRANSFORMER ROOM 107A | TRANSFORMER ROOM 107B | ELECTRICAL ROOM 107 | OFFICE 115 | SERVICE CORRIDOR 117 | STAIR 1 101 | BIKE STORAGE 112 | STORAGE 110 | RETAIL 100A | CORRIDOR 119 | STORAGE 113 | ELEV EQMT 111 | MEN RR 105 | WOMEN RR 106 | UAN 109 | STAIR 2 102 | FIRE CONTROL 120 | RETAIL 100C | RETAIL 100D | OFFICE LOBBY 104 | RETAIL 100E | RETAIL 100F

24 Bikes | 12 Bikes | 16 Bikes | 99 Bikes

KEYNOTES

#	KEYNOTE DESCRIPTION
1	PAINTED METAL STOREFRONT AND COLUMN SURROUNDS, TYP.
2	CONCRETE STAIR & ELEVATOR TO BASEMENT LEVEL
3	MASS TIMBER STRUCTURAL COLUMN, TYP.
4	MECHANICAL SHAFT
5	TRASH ROOM - SEE SHEETS T0.0 & T0.1
6	BIKE ROOM TRAVEL DISTANCE

LEGEND

- NIC (NOT IN CONTRACT)
- NEW PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- NEW FIRE RATED PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- FEC — NEW FIRE EXTINGUISHER AND CABINET
- NEW DOOR ASSEMBLY
- FINISH TRANSITION

LEVEL 1 FLOOR PLAN

3/32" = 1'-0"

1

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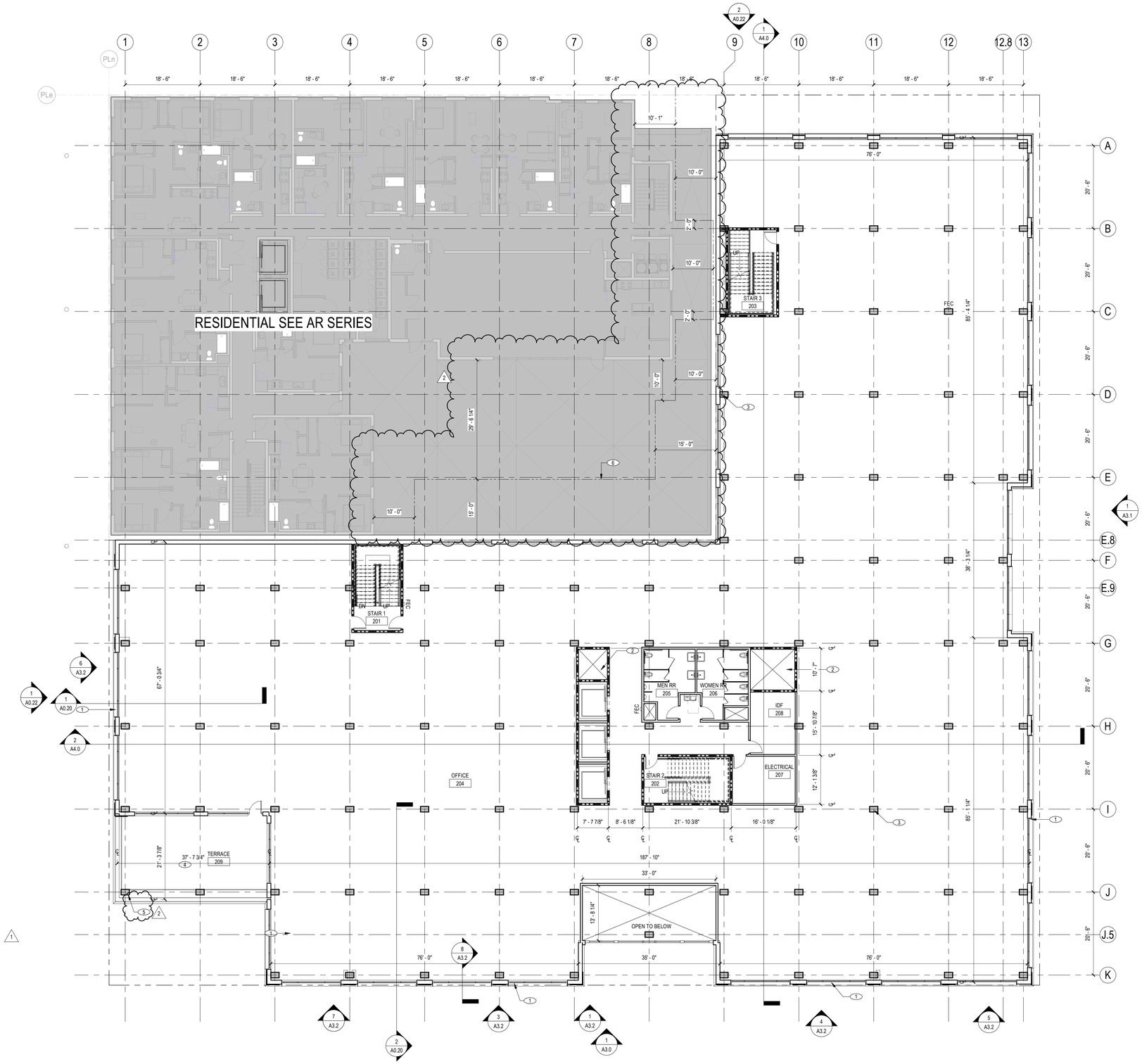
SHEET NAME:

FIRST FLOOR PLAN

SHEET NUMBER:

A2.1

plot date: 1/29/2024 3:39:45 PM



KEYNOTES

#	KEYNOTE DESCRIPTION
1	DARK FRAMED STOREFRONT GLAZING, TYP.
2	MECHANICAL SHAFT
3	MASS TIMBER STRUCTURAL COLUMN, TYP.
4	TERRACE
5	EXTERIOR STRUCTURAL ELEMENTS TO BE RATED PER CBC 703.2, TYP
6	IMAGINARY PROPERTY LINE

LEGEND

- NIC (NOT IN CONTRACT)
- NEW PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- NEW FIRE RATED PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- FEC — NEW FIRE EXTINGUISHER AND CABINET
- NEW DOOR ASSEMBLY
- FINISH TRANSITION

LEVEL 2 FLOOR PLAN

3/32" = 1'-0"

1

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CHECKED BY:	Checker

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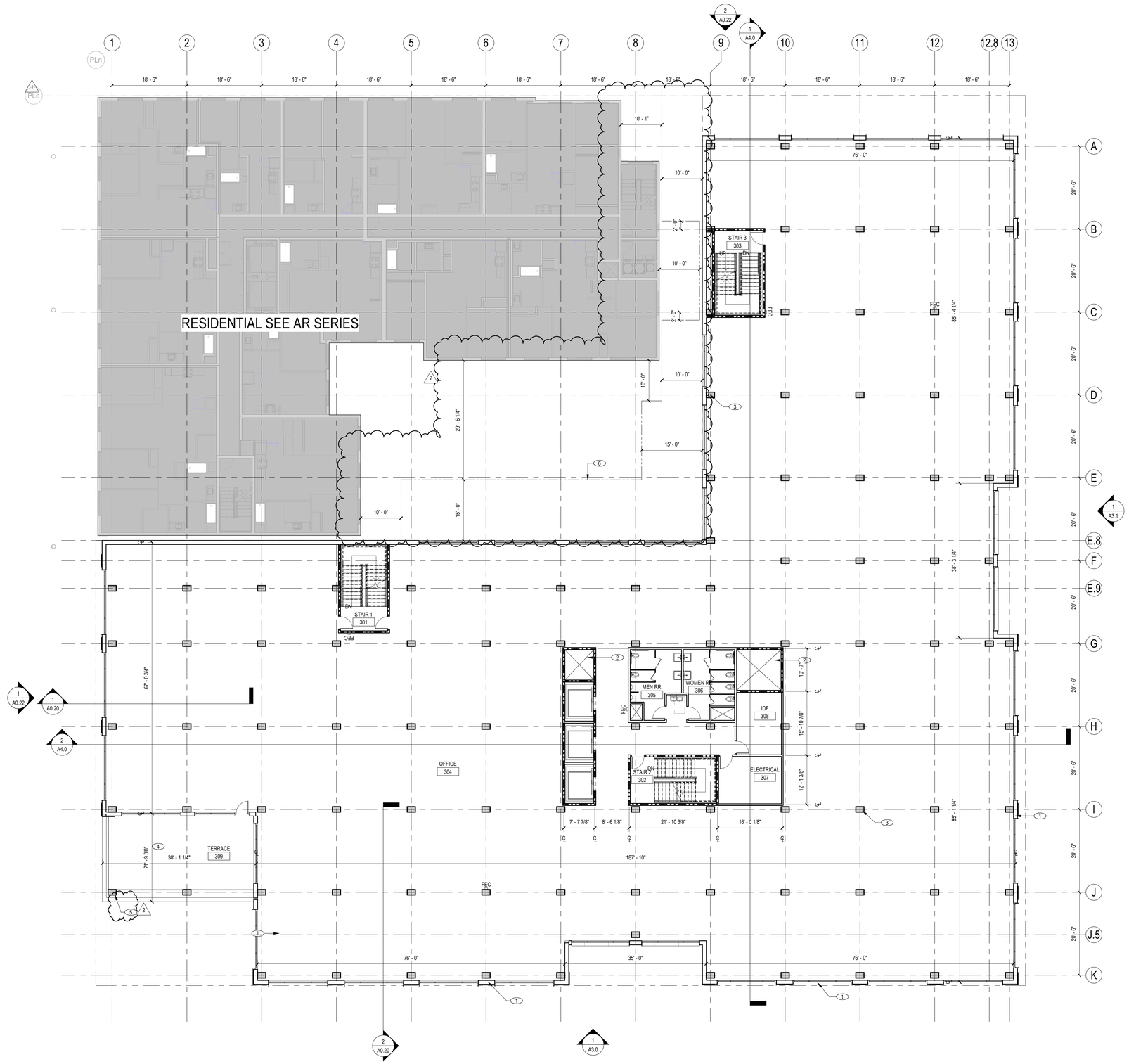
SHEET NAME:

SECOND FLOOR PLAN

SHEET NUMBER:

A2.2

PLOT date - 1/29/2024 3:38:51 PM



LEVEL 3 FLOOR PLAN

3/32" = 1'-0"

1

KEYNOTES

#	KEYNOTE DESCRIPTION
1	DARK FRAMED STOREFRONT GLAZING, TYP.
2	MECHANICAL SHAFT
3	MASS TIMBER STRUCTURAL COLUMN, TYP.
4	TENANT TERRACE
5	EXTERIOR STRUCTURAL ELEMENTS TO BE RATED PER CBC 703.2, TYP
6	IMAGINARY PROPERTY LINE

LEGEND

- N/C (NOT IN CONTRACT)
- NEW PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- NEW FIRE RATED PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- FEC — NEW FIRE EXTINGUISHER AND CABINET
- NEW DOOR ASSEMBLY
- FINISH TRANSITION

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SCALE: As indicated

PROJECT NUMBER: 2202017.3
DRAWN BY: Author
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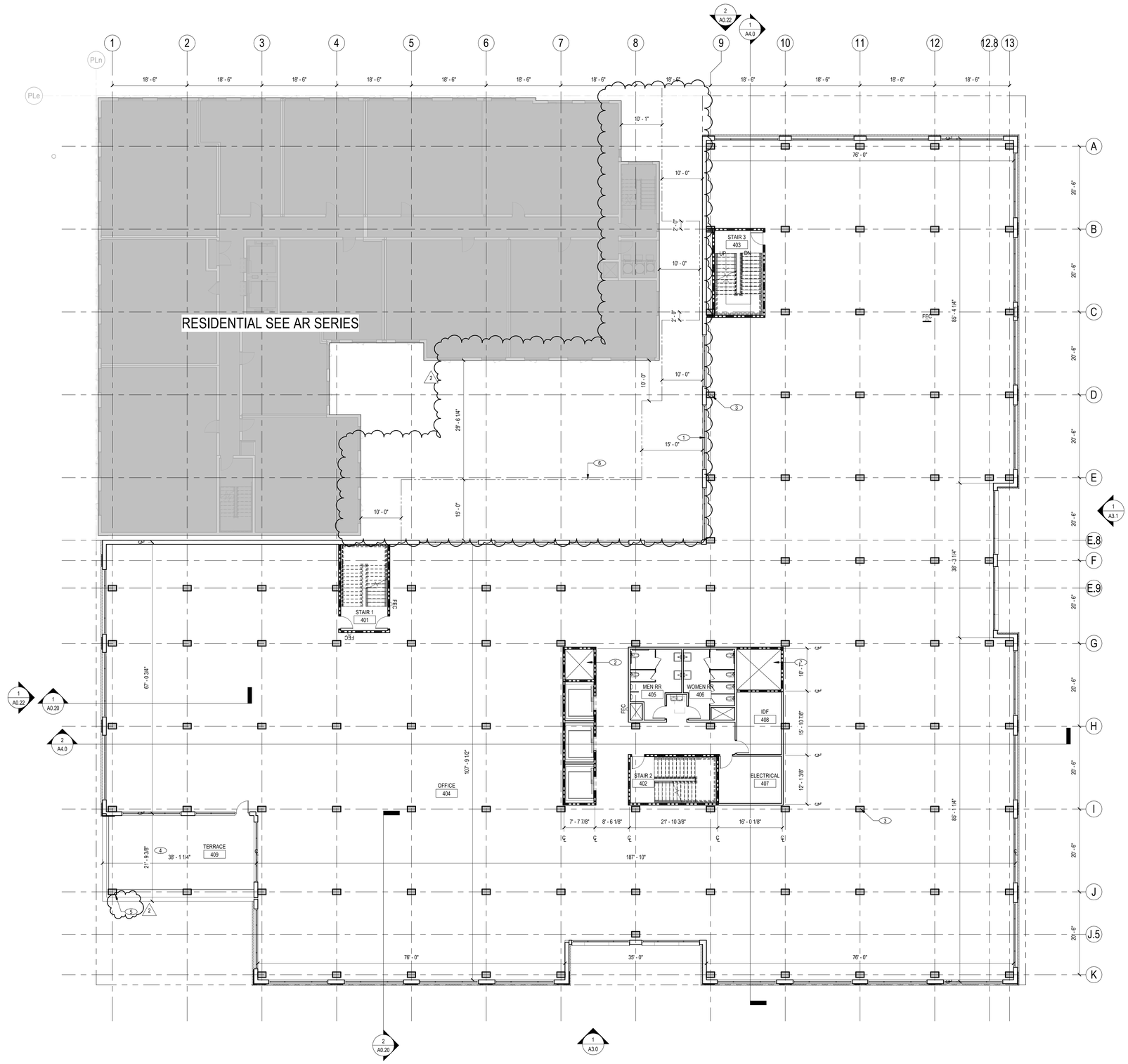
STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
THIRD FLOOR PLAN

SHEET NUMBER:
A2.3

plot date: 1/29/2024 3:38:54 PM



KEYNOTES

#	KEYNOTE DESCRIPTION
1	DARK FRAMED STOREFRONT GLAZING, TYP.
2	MECHANICAL SHAFT
3	MASS TIMBER STRUCTURAL COLUMN, TYP.
4	TENANT TERRACE TO BE PROVIDED AS PART OF FUTURE TENANT IMPROVEMENT
5	EXTERIOR STRUCTURAL ELEMENTS TO BE RATED PER CBC 703.2, TYP.
6	IMAGINARY PROPERTY LINE

LEGEND

- N/C (NOT IN CONTRACT)
- NEW PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- NEW FIRE RATED PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- FEC — NEW FIRE EXTINGUISHER AND CABINET
- NEW DOOR ASSEMBLY
- FINISH TRANSITION

LEVEL 4 FLOOR PLAN

3/32" = 1'-0"

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DRAWN BY:	Author
CHECKED BY:	Checker

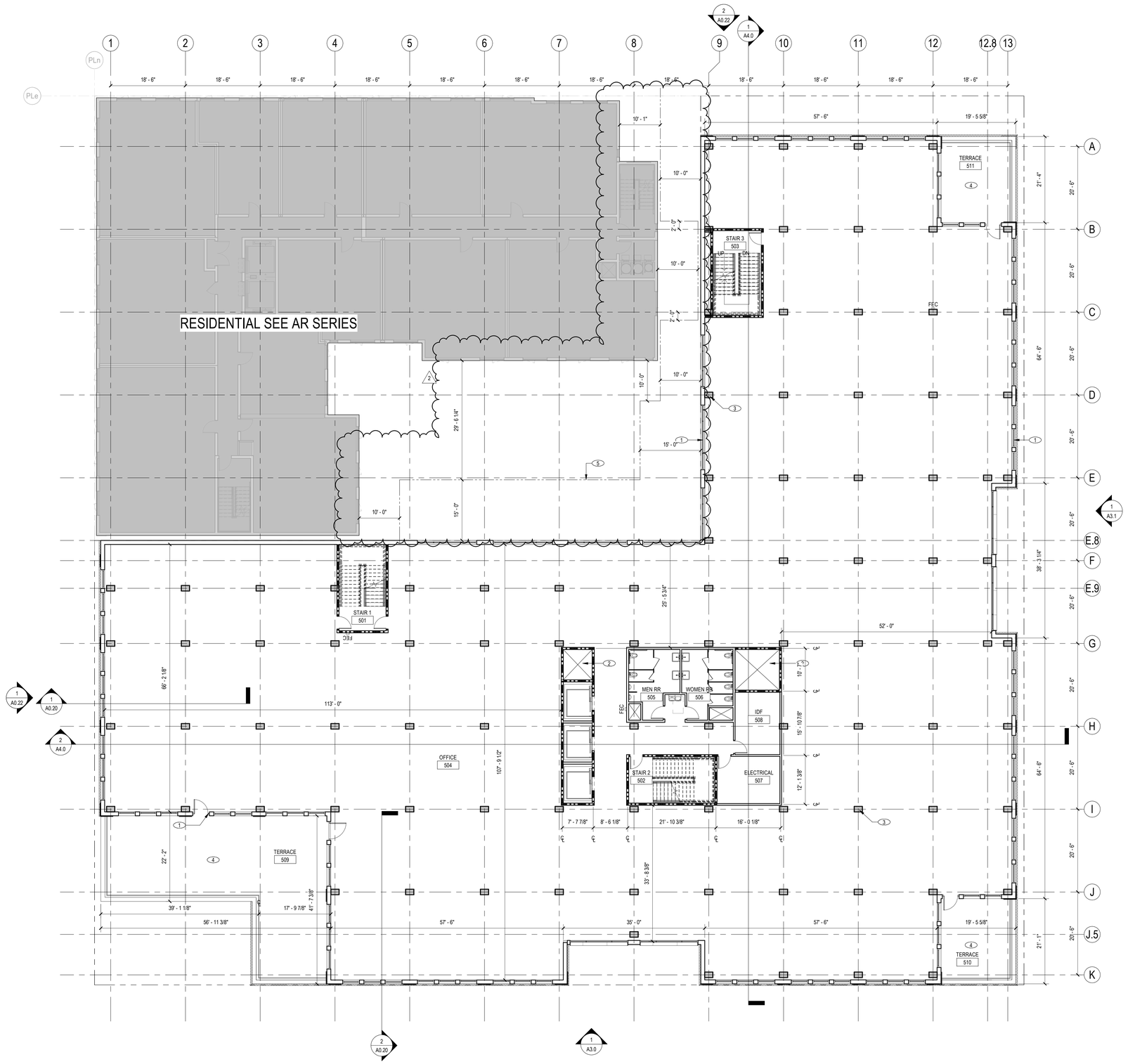
STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
FOURTH FLOOR PLAN

SHEET NUMBER:
A2.4

plot date: 1/29/2024 3:38:57 PM



LEVEL 5 FLOOR PLAN

3/32" = 1'-0"

1

KEYNOTES

#	KEYNOTE DESCRIPTION
1	DARK FRAMED STOREFRONT GLAZING, TYP.
2	MECHANICAL SHAFT
3	MASS TIMBER STRUCTURAL COLUMN, TYP.
4	TENANT TERRACE TO BE SUBDIVIDED AS PART OF FUTURE TENANT IMPROVEMENT
5	IMAGINARY PROPERTY LINE

LEGEND

- N/C (NOT IN CONTRACT)
- NEW PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- NEW FIRE RATED PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- FEC — NEW FIRE EXTINGUISHER AND CABINET
- NEW DOOR ASSEMBLY
- FINISH TRANSITION

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CHECKED BY:	Checker

STAMP:

NOT FOR CONSTRUCTION

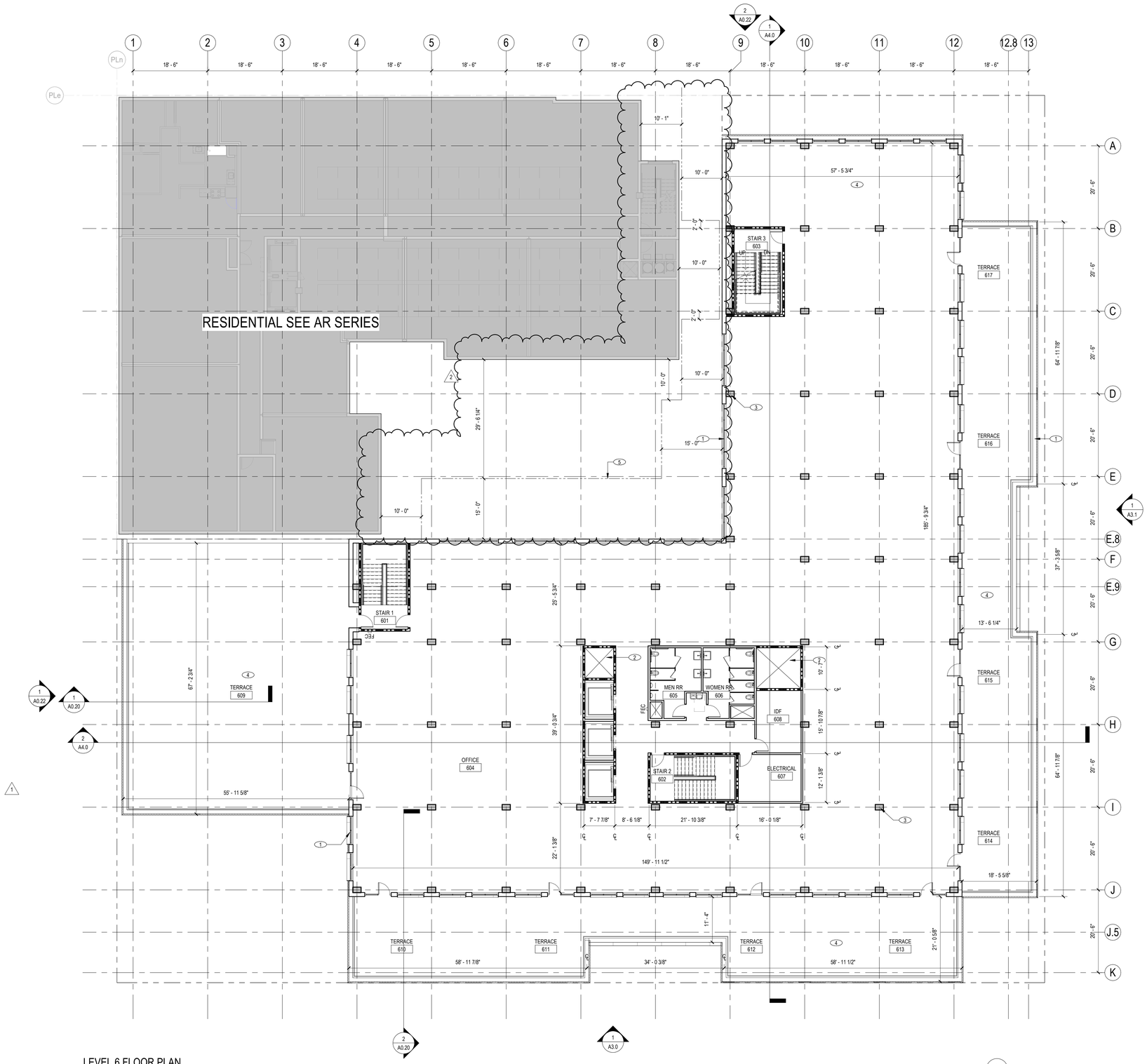
SHEET NAME:

FIFTH FLOOR PLAN

SHEET NUMBER:

A2.5

plot date: 1/29/2024 3:39:00 PM



LEVEL 6 FLOOR PLAN

3/32" = 1'-0"

1

KEYNOTES

#	KEYNOTE DESCRIPTION
1	DARK FRAMED STOREFRONT GLAZING, TYP.
2	MECHANICAL SHAFT
3	MASS TIMBER STRUCTURAL COLUMN, TYP.
4	PLANTER TO BE PROVIDED AS PART OF FUTURE TENANT IMPROVEMENT
5	IMAGINARY PROPERTY LINE

LEGEND

- N/C (NOT IN CONTRACT)
- NEW PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- NEW FIRE RATED PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- FEC — NEW FIRE EXTINGUISHER AND CABINET
- NEW DOOR ASSEMBLY
- FINISH TRANSITION

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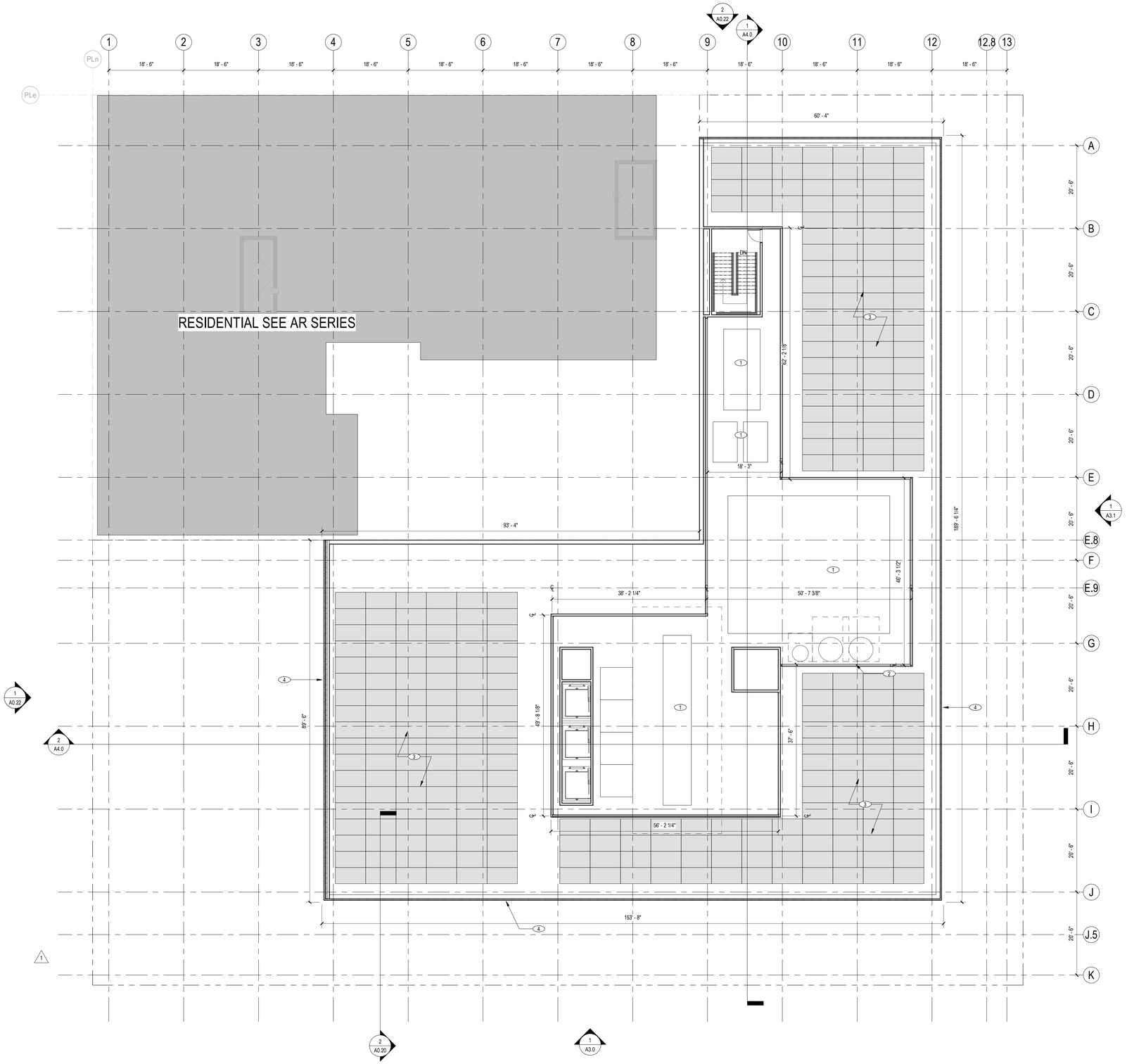
SHEET NAME:

SHEET NUMBER:

A2.6

Plot date: 1/29/2024 3:39:03 PM



ROOF PLAN

3/32" = 1'-0"

1

KEYNOTES

#	KEYNOTE DESCRIPTION
1	ROOFTOP MECHANICAL EQUIPMENT
2	MECHANICAL PENTHOUSE
3	SOLAR ARRAY (FINAL AREA AND LAYOUT TO BE DETERMINED)
4	ROOF PARAPET AND SOFFIT BELOW

LEGEND

- NIC (NOT IN CONTRACT)
- NEW PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- NEW FIRE RATED PARTITION / CONSTRUCTION WITH TAG, SEE SHEET A9.1
- FEC — NEW FIRE EXTINGUISHER AND CABINET
- NEW DOOR ASSEMBLY
- FINISH TRANSITION

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SHEET NAME:
ROOF PLAN

SHEET NUMBER:
1 A2.7

Plot date - 1/29/2024 3:39:28 PM

S. B STREET - WEST ELEVATION

1/8" = 1'-0"

E 4TH AVENUE - NORTH ELEVATION

1/8" = 1'-0"

MATERIAL PALETTE

GROUND FLOOR RETAIL: GL-1

EXTERIOR BRICK: BR-1

DARK-FRAMED STOREFRONT: GL-2

CEMENT PLASTER: CP-1

GLASS GUARDRAIL: GL-3

METAL PANEL: MT-1

WOOD-LOOK CLADDING: WD-1

METAL PANEL: MT-2

ROOF MECHANICAL SCREEN: MS-1

ENTRY CANOPY: RC-1

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SCALE:	1/8" = 1'-0"
PROJECT NUMBER:	2202017.3
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SHEET NAME:
EXTERIOR ELEVATIONS

SHEET NUMBER:
A3.0

plot date: 1/29/2024 3:40:50 PM

E 5TH AVENUE - SOUTH ELEVATION

1/8" = 1'-0"

1

S RAILROAD AVENUE - EAST ELEVATION

1/8" = 1'-0"

2

MATERIAL PALETTE

GROUND FLOOR RETAIL: GL-1

DARK-FRAMED STOREFRONT: GL-2

GLASS GUARDRAIL: GL-3

WOOD-LOOK CLADDING: WD-1

ROOF MECHANICAL SCREEN: MS-1

EXTERIOR BRICK: BR-1

CEMENT PLASTER: CP-1

METAL PANEL: MT-1

METAL PANEL: MT-2

ENTRY CANOPY: RC-1

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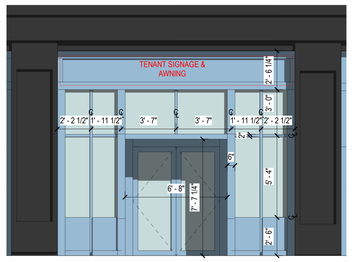
SHEET NAME:
EXTERIOR ELEVATIONS

SHEET NUMBER:
A3.1

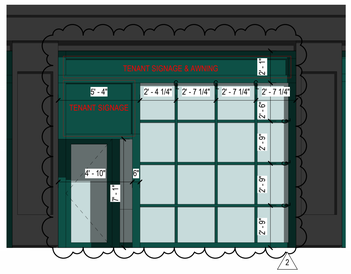
last data 10/3/2024 3:42:15 PM

OFFICE ENTRY
1/4" = 1'-0"
1

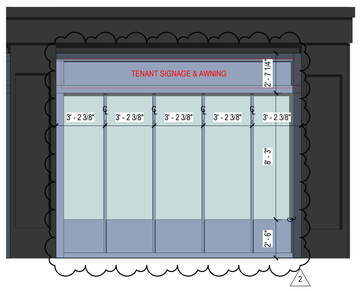


STOREFRONT OPTION 1
1/4" = 1'-0"
2

STOREFRONT OPTION 2
1/4" = 1'-0"
3

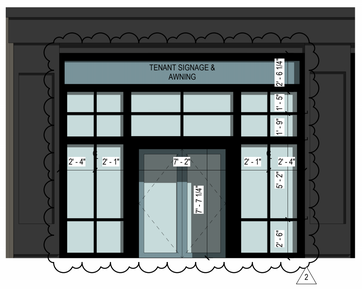


STOREFRONT OPTION 3
1/4" = 1'-0"
4

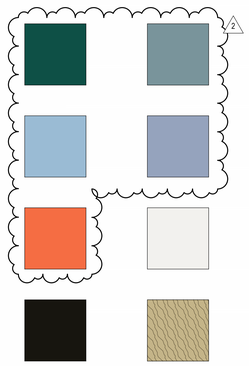


STOREFRONT OPTION 4
1/4" = 1'-0"
5

STOREFRONT OPTION 5 (ADD)
1/4" = 1'-0"
6

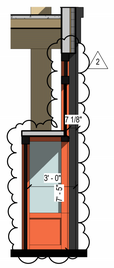


STOREFRONT OPTION 6
1/4" = 1'-0"
7

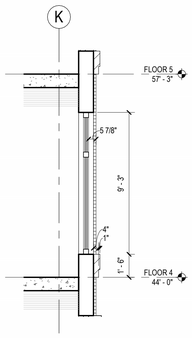


STOREFRONT EXAMPLE COLOR OPTIONS**

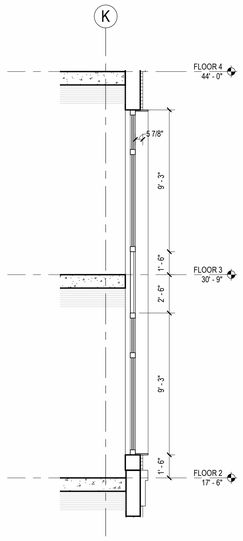
*NOTE: STOREFONT OPTIONS ARE EXAMPLES OF DESIGNS TO BE CHOSEN BY TENANTS IF RETAIL SPACE IS PRE-LEASED. DEFAULT DESIGN IS STOREFRONT OPTION 5.
**NOTE: EXAMPLE COLOR SELECTION IF RETAIL SPACE IS PRE-LEASED. DEFAULT COLOR WILL BE BLACK.



RECESSED STOREFRONT ENTRY SECTION
1/4" = 1'-0"
8



LEVEL 4-6 TYP. WINDOW SECTION
1/4" = 1'-0"
9



LEVEL 2-3 TYP. WINDOW SECTION
1/4" = 1'-0"
10

*NOTE: AWNING CONFIGURATIONS ARE EXAMPLES OF DESIGNS TO BE CHOSEN BY TENANTS IF RETAIL SPACE IS PRE-LEASED. DEFAULT CONFIGURATION IS WITHOUT AWNING.

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STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
STOREFRONT OPTIONS AND SECTIONS

SHEET NUMBER:
1 A3.2

PAR date - 10/5/2024 3:42:24 PM

MATERIAL BOARD

1/2" = 1'-0"

GROUND FLOOR RETAIL: GL-1

GLASS GUARDRAIL: GL-3

WOOD-LOOK CLADDING: WD-1

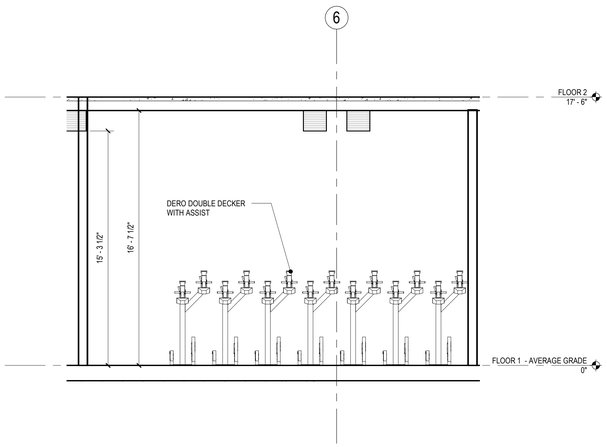
METAL PANEL: MT-1

CEMENT PLASTER: CP-1

DARK-FRAMED STOREFRONT: GL-2

EXTERIOR BRICK: BR-1

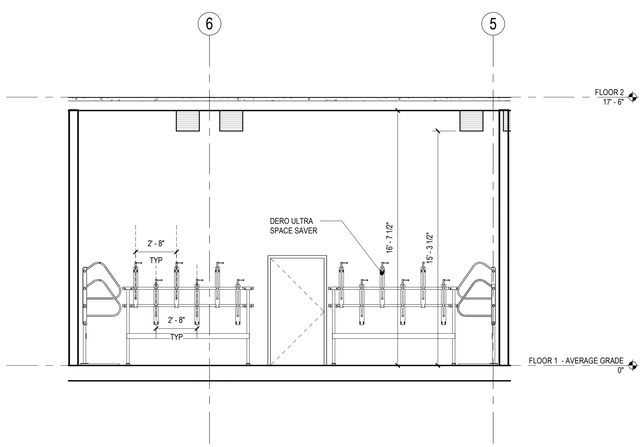
METAL PANEL: MT-2



BIKE ROOM ELEVATIONS B

1/4" = 1'-0"

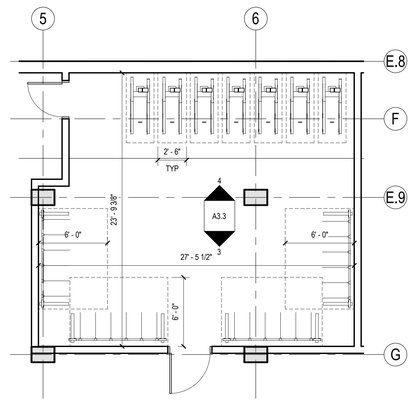
4



BIKE ROOM ELEVATION A

1/4" = 1'-0"

3



ENLARGED BIKE ROOM PLAN

3/16" = 1'-0"

2

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Suite 200
San Jose
California 95113

Office
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Fax
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CLIENT:

HARVEST
PROPERTIES

PROJECT NAME & ADDRESS:

BESPOKE

445 S B STREET
SAN MATEO, CA, 94401

ISSUE:	PLANNING APPLICATION RESUBMITTAL #2
ISSUE DATE:	01/29/2024

REVISIONS :

#	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:	As indicated
PROJECT NUMBER:	2202017.3
DRAWN BY:	Author
CHECKED BY:	Checker

STAMP:

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SHEET NAME:

MATERIAL BOARD,
ENLARGED PLANS,
ELEVATIONS

SHEET NUMBER:

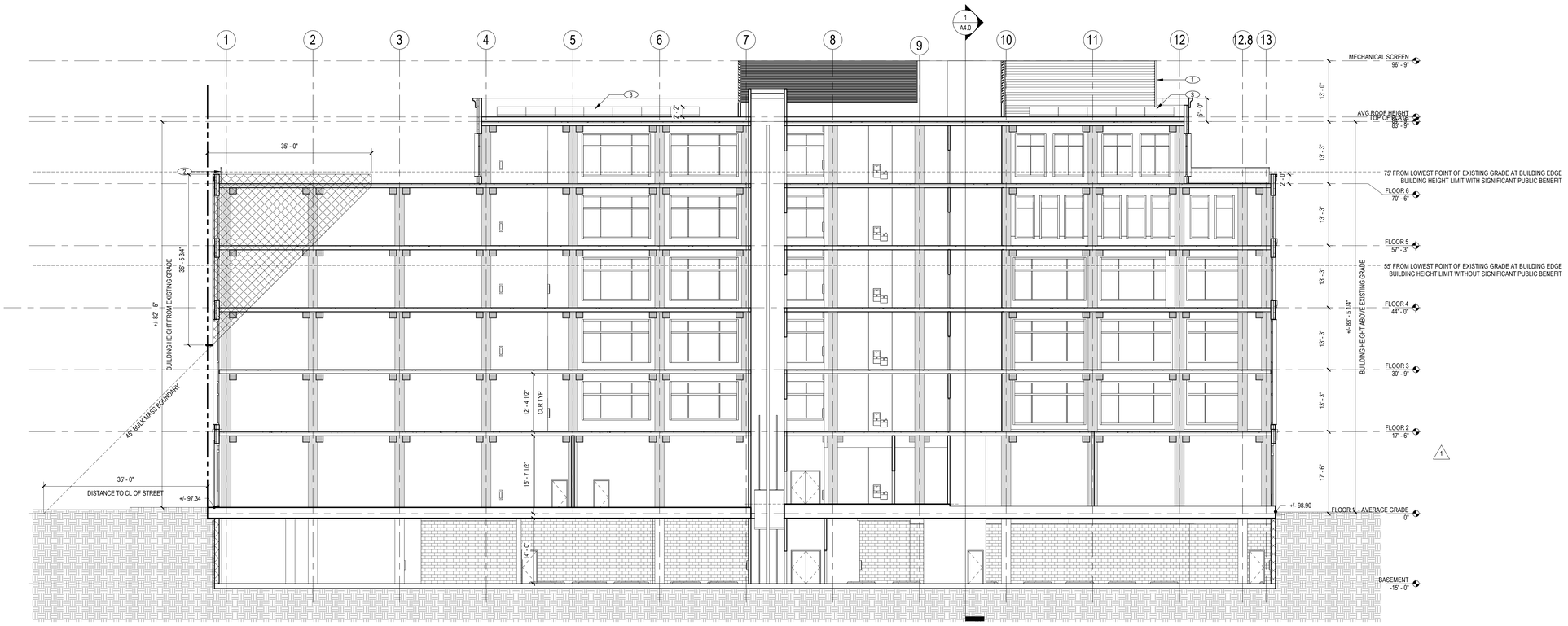
A3.3

Last date: 1/29/2024 3:42:28 PM

NORTH-SOUTH SECTION

3/32" = 1'-0"

1



EAST-WEST SECTION

3/32" = 1'-0"

2

KEYNOTES

#	KEYNOTE DESCRIPTION
1	ROOFTOP MECHANICAL SCREEN
2	GLASS RAILING AT BALCONY
3	SOLAR ARRAY (FINAL AREA AND LAYOUT TO BE DETERMINED)

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Suite 200
San Jose
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SCALE:	3/32" = 1'-0"
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SHEET NAME:

BUILDING SECTIONS

SHEET NUMBER:

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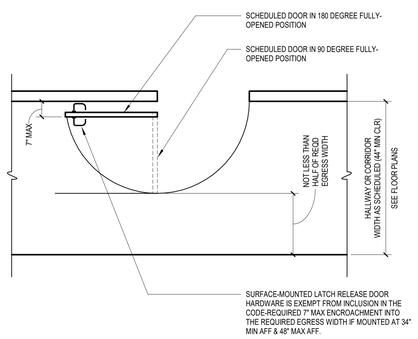
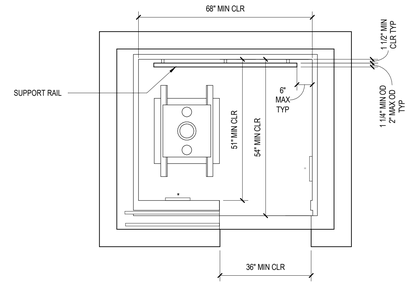


DR ENCROACHMENT @ HALLWAYS & CORRIDORS

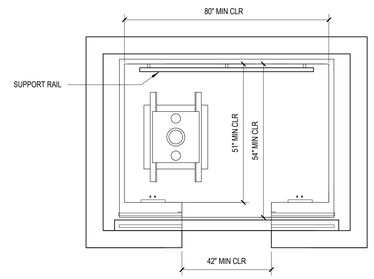
1/2" = 1'-0"

6



PLAN VIEW WITH SIDE OPENING DOOR

* ALTERNATE LOCATION OF CAR CONTROL PANEL WITH SIDE OPENING DOOR



PLAN VIEW WITH CENTER OPENING DOOR

* * ALTERNATE LOCATION OF CAR CONTROL PANEL WITH CENTER OPENING DOOR

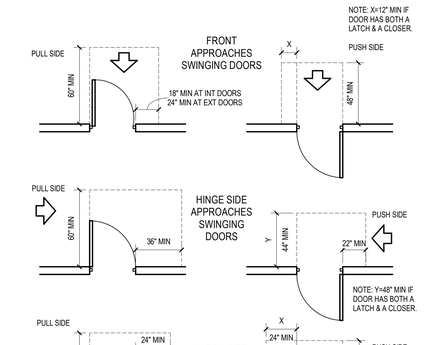
NOTES:

1. PROVIDE SUPPORT RAILS ON AT LEAST ONE WALL OF ELEVATOR CAR, W/ CLEARANCE BETWEEN SUPPORT RAILS & ADJACENT SURFACES AS INDICATED. ITS SURFACE SHALL BE SMOOTH & ADJACENT SURFACES FREE OF SHARP OR ABRASIVE ELEMENTS.
2. MOUNT SUPPORT RAILS AT 31" AFF MIN & 33" AFF MAX AS MEASURED TO TOP OF SUPPORT RAILS.
3. ALLOWABLE STRESSES ON SUPPORT RAILS SHALL NOT BE EXCEEDED FOR MATERIALS USED WHEN A VERTICAL OR HORIZONTAL FORCE OF 250 LBS IS APPLIED AT ANY POINT ON THE SUPPORT RAIL, FASTENER, MOUNTING DEVICE OR SUPPORTING STRUCTURE.
4. OUTSIDE DIAMETERS (OD) INDICATED FOR SUPPORT RAILS ARE NOT SPECIFICALLY STATED IN CBC TO BE REQD FOR ELEVATOR CABS; OD INDICATED ARE BASED ON CBC REQUIREMENTS FOR HANDRAILS AND GRAB BARS.

ACCESSIBLE ELEVATOR PLAN CLEARANCES

1/2" = 1'-0"

4



DOORS IN SERIES

NOTES:

1. COMPLY WITH REQD FRONT APPROACH CLEARANCES AT DOORS IN ALCOVES.
2. EXIT DOOR SIZE REQD: 36" MIN & 48" MAX DR LEAF WIDTH; 80" MIN HIGH & 32" MIN CLR OPENING WIDTH.
3. FORCE REQD MAX FOR PULLING OR PUSHING HINGED DOORS:
   - 5 LBS. FOR INT DOORS
   - 5 LBS FOR EXT DOORS
   - 15 LBS FOR FIRE DOORS

MANEUVERING CLEARANCE AT DOORWAYS

1/4" = 1'-0"

1

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Interiors

30 E Santa Clara St.
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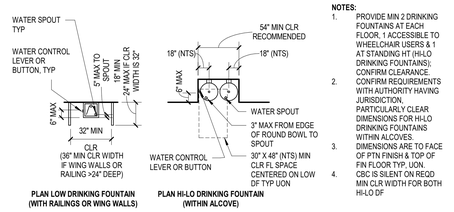


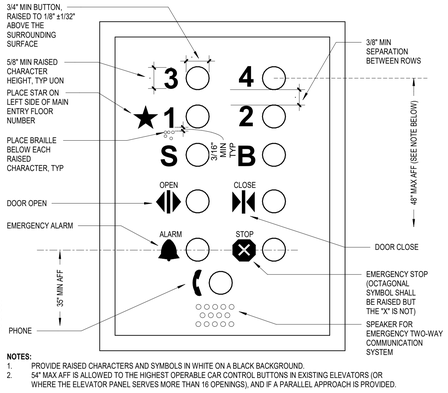
NOTES:

1. PROVIDE MIN 2 DRINKING FOUNTAINS AT EACH FLOOR, 1 ACCESSIBLE TO WHEELCHAIR USERS & 1 AT STANDING HT (HI-LO DRINKING FOUNTAINS); CONFIRM CLEARANCE.
2. CONFIRM REQUIREMENTS WITH AUTHORITY HAVING JURISDICTION, PARTICULARLY CLEAR DIMENSIONS FOR HI-LO DRINKING FOUNTAINS WITHIN ALCOVES.
3. DIMENSIONS ARE TO FACE OF PTN FINISH & TOP OF FIN FLOOR TYP, UON. CBC IS SILENT ON REQD MIN CLR WIDTH FOR BOTH HI-LO DF
4.

ACCESSIBLE DRINKING FOUNTAIN CLEARANCES

1/4" = 1'-0"

7



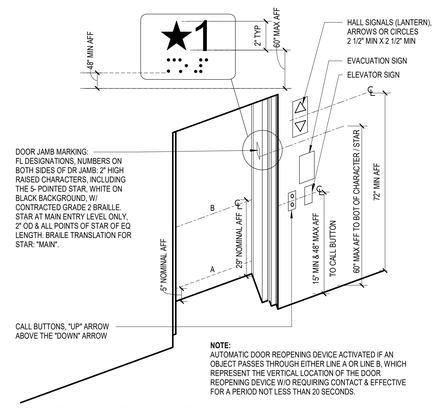
NOTES:

1. PROVIDE RAISED CHARACTERS AND SYMBOLS IN WHITE ON A BLACK BACKGROUND.
2. 64" MAX AFF IS ALLOWED TO THE HIGHEST OPERABLE CAR CONTROL BUTTONS IN EXISTING ELEVATORS (OR WHERE THE ELEVATOR PANEL SERVES MORE THAN 16 OPENINGS), AND IF A PARALLEL APPROACH IS PROVIDED.

ELEVATOR CAR CONTROLS

12" = 1'-0"

5

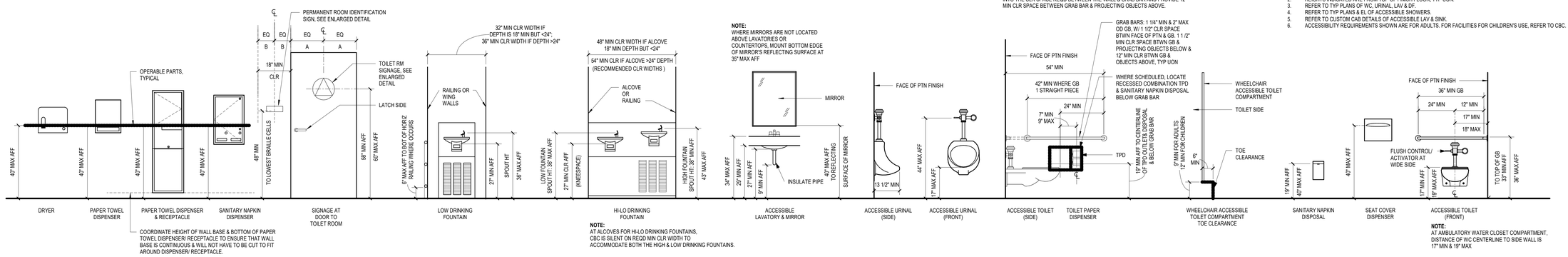


NOTE:
AUTOMATIC DOOR REOPENING DEVICE ACTIVATED IF AN OBJECT PASSES THROUGH EITHER LINE A OR LINE B, WHICH REPRESENT THE VERTICAL LOCATION OF THE DOOR REOPENING DEVICE W/O REQUIRING CONTACT & EFFECTIVE FOR A PERIOD NOT LESS THAN 20 SECONDS.

ELEVATOR HOISTWAY ENTRANCE

12" = 1'-0"

2



NOTE:
AT ALCOVES FOR HI-LO DRINKING FOUNTAINS, CBC IS SILENT ON REQD MIN CLR WIDTH TO ACCOMMODATE BOTH THE HIGH & LOW DRINKING FOUNTAINS.

NOTE:
AT AMBULATORY WATER CLOSET COMPARTMENT, DISTANCE OF WC CENTERLINE TO SIDE WALL IS 17" MIN & 19" MAX

RESTROOM FIXTURE AND ACCESSORY MOUNTING HEIGHTS

1/2" = 1'-0"

3

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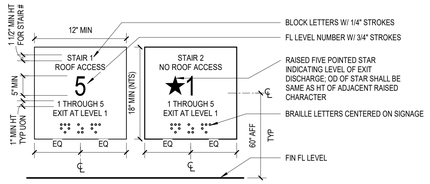
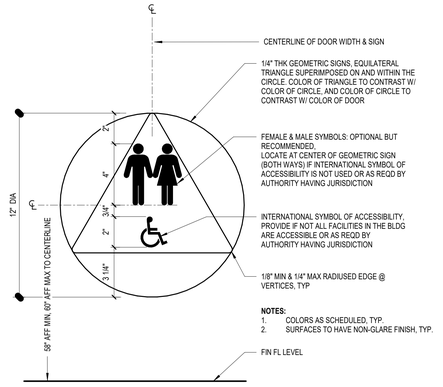
SIGNAGE NOTES:

1. CHARACTER TYP: CHARACTERS ON SIGNS SHALL BE RAISED 1/32" MIN & SHALL BE SANS SERIF UPPER CASE CHARACTERS ACCOMPANIED BY CALIFORNIA GRADE 2 BRAILLE IN COMPLIANCE W/ CBC CHAPTER 11B. TEXT SHALL BE IN HORIZ FORMAT.
2. CHARACTER SIZE: RAISED CHARACTER SIZES SHALL BE AS INDICATED BELOW.
3. CHARACTER PROPORTIONS: CHARACTERS ON SIGNS SHALL HAVE FONTS WHERE WIDTH OF UPPERCASE LETTER "O" IS 60% MIN AND 110% MAX OF THE HT OF UPPERCASE LETTER "I".
4. STROKE THICKNESS: THICKNESS OF UPPERCASE LETTER "I" SHALL BE 15% MAX OF THE CHARACTERS HEIGHT.
5. FINISH AND CONTRAST: CHARACTERS, SYMBOLS & THEIR BACKGROUND SHALL HAVE NON-GLARE FINISH. CHARACTERS & SYMBOLS SHALL CONTRAST W/ THEIR BACKGROUND EITHER LIGHT ON DARK BACKGROUND OR DARK CHARACTERS ON LIGHT BACKGROUND.
6. BRAILLE: CONTRACTED CALIFORNIA GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQD IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE DOMED OR ROUNDED.
7. LOCATION: LOCATE SIGN AT EA FLOOR LEVEL LANDING AT LATCH SIDE OF DOOR OR NEAREST ADJACENT WALL.
8. COMPLIANCE: SIGNAGE SHALL COMPLY WITH CBC CHAPTER 11B.



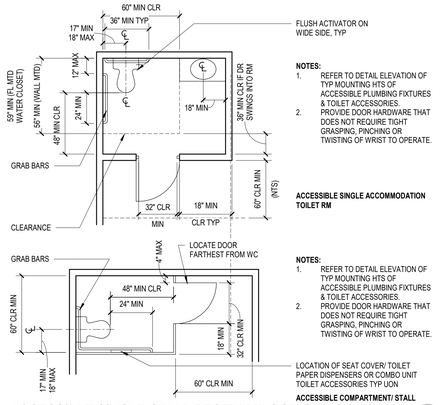
SIGNAGE - TACTILE EXIT SIGNS @ ENCL STAIRS WALL MTD 12

1 1/2" = 1'-0"



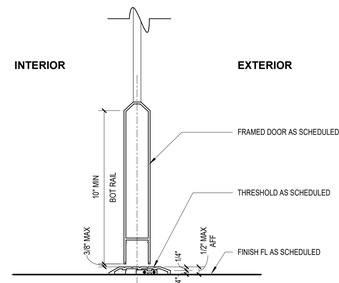
SIGNAGE - UNISEX RESTRM SIGN DOOR MTD 8

3" = 1'-0"



ACCESSIBLE SINGLE-STALL RESTRM FLOOR CLEARANCES 4

1/4" = 1'-0"

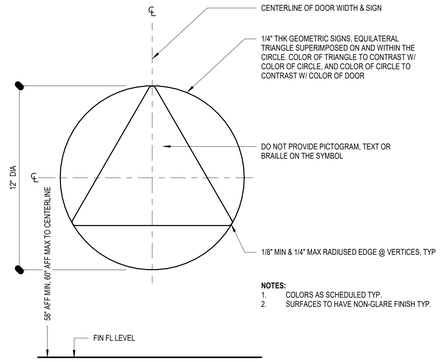


DOOR THRESHOLD & BOT RAIL @ EXT OR INT 1

3" = 1'-0"

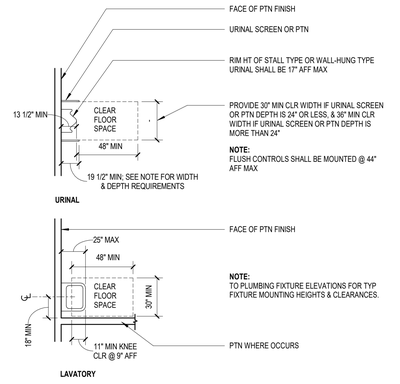
SIGNAGE - EMER ELEVATOR LOBBY EXIT SIGN WALL MTD 13

3" = 1'-0"



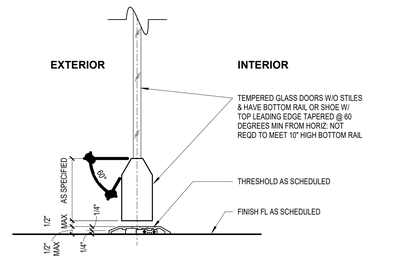
SIGNAGE - ALL-GENDER RESTROOM DOOR MTD 9

3" = 1'-0"



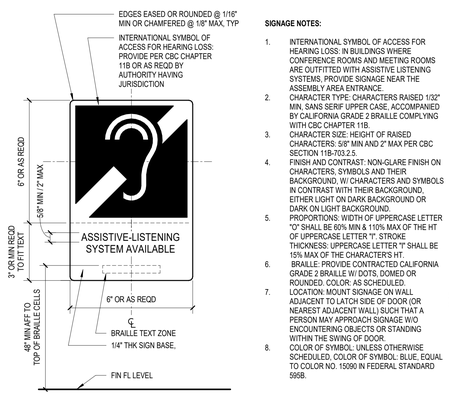
ACCESSIBLE URINAL AND LAVATORY PLAN CLEARANCES 5

1/4" = 1'-0"



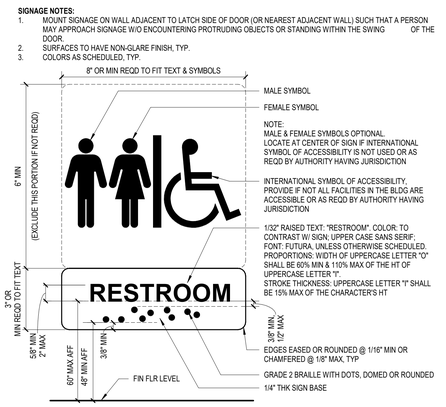
DOOR THRESHOLD & TAPERED BOT RAIL @ EXT OR INT 2

3" = 1'-0"



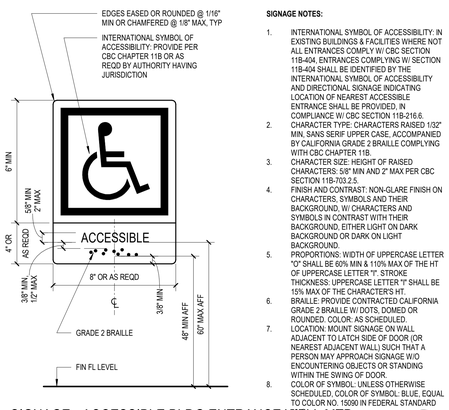
SIGNAGE - ASSISTIVE LISTENING WALL MTD 14

3" = 1'-0"



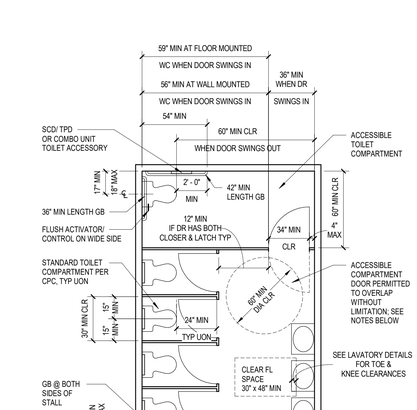
SIGNAGE - UNISEX RESTRM PICTORGRAM WALL SIGN 10

3" = 1'-0"



SIGNAGE - ACCESSIBLE BLDG ENTRANCE WALL MTD 6

3" = 1'-0"



NOTES:

1. WHERE SIX OR MORE WATER CLOSETS OR COMBINED WATER CLOSETS & URINALS ARE PROVIDED, AT LEAST ONE AMBULATORY TOILET COMPARTMENT SHALL BE PROVIDED, IN ADDITION TO THE ACCESSIBLE TOILET COMPARTMENT AS SHOWN.
2. REFER TO RELATED DETAIL PLANS AND ELEVATIONS OF ACCESSIBLE SINGLE TOILET COMPARTMENTS FOR ADDITIONAL INFO AND TYP MOUNTING HT OF TOILET ACCESORIES.
3. REQUIRED CLEAR FLOOR SPACE (30" X 48" MIN), CLEARANCE AT FIXTURES, AND TURNING SPACE SHALL BE PERMITTED TO OVERLAP, PER CBC 11B-603.2.
4. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE (30" X 48" MIN) OR CLEARANCE REQUIRED FOR ANY FIXTURE. DOORS TO ACCESSIBLE WATER CLOSET COMPARTMENTS SHALL BE PERMITTED TO ENCROACH INTO THE TURNING SPACE WITHOUT LIMITATION. OTHER THAN THE DOOR TO ACCESSIBLE WATER CLOSET COMPARTMENTS, A DOOR, IN ANY POSITION, SHALL BE PERMITTED TO ENCROACH INTO THE TURNING SPACE BY 12" MAX, PER CBC 11B-603.2.3

NOTES:

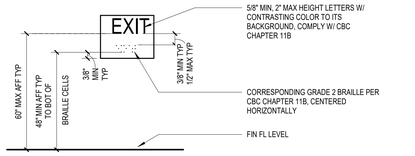
1. PROVIDE SIGN W/ NON-GLARE FINISH.
2. LOCATE TACTILE EXIT SIGN ON EXIT DOORS AS REQD BY CBC CHAPTER 11B.
3. LOCATE SIGNS THAT IDENTIFY EXITS ON THE APPROACH SIDE OF THE DOOR AS ONE EXIT THE ROOM OR SPACE.

EXIT ROUTE

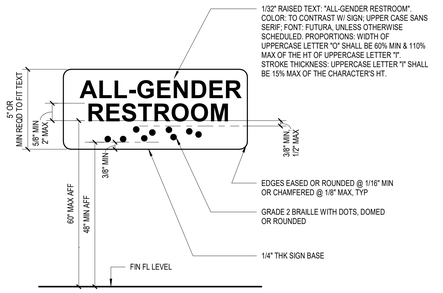
TYPE C: SIGN @ EXIT ROUTE

EXIT STAIR DOWN

TYPE B: SIGN @ EXIT STAIR THAT LEADS TO EXT EXIT AT GRADE LEVEL



TYPE A: SIGN @ GRADE LEVEL EXT EXIT DOOR



SIGNAGE - ALL-GENDER RESTRM WALL MTD 11

3" = 1'-0"

SIGNAGE - TACTILE EXIT SIGNS WALL MTD 7

6" = 1'-0"

ADA INT RESTROOM MULTI-STALL PLAN CLEARANCES 3

1/4" = 1'-0"

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Architecture
Interiors

30 E Santa Clara St.
Suite 200
San Jose
California 95113

Office
408 294-8000

Fax
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last date: 10/29/2024 3:42:38 PM

RAILROAD AVENUE (20' WIDE PUBLIC STREET)

EAST 4th AVENUE (70' WIDE PUBLIC STREET)

EAST 5th AVENUE (60' WIDE PUBLIC STREET)

SOUTH 'B' STREET (70' WIDE PUBLIC STREET)

PARCEL 'A'

PARCEL 'B'

PARCEL 'C'

EX 2-STORY BUILDING
BUILDING HEIGHT = 25±'

PARKING
(UNDER ADJOINING BUILDING)

401 SOUTH "B" STREET

EX 2-STORY BUILDING
BUILDING HEIGHT = 22±'

407 SOUTH "B" STREET
409 SOUTH "B" STREET
411 SOUTH "B" STREET

EX 2-STORY BUILDING
BUILDING HEIGHT = 20±'

415 SOUTH "B" STREET

EX 2-STORY BUILDING
BUILDING HEIGHT = 25±'

445 SOUTH "B" STREET

EX 1-STORY BUILDING
BUILDING HEIGHT = 25±'

19,735± SQ.FT.
TOTAL BUILDING AREA

LANDS OF
MOORE-TALBOT PARTNER, LP
(2002-251467)
APN: 034-179-040

PARCEL MAP No. 325
(64-PM-54)

(1-M-45)

MAP OF THE TOWN OF SAN MATEO
BLOCK 10

GRAPHIC SCALE
10 0 5 10 20
(IN FEET)
1 inch = 10 ft.

BASIS OF BEARINGS
N41°31'10"W 370.69'
RAILROAD AVENUE

N02°18'38"E 512.76'
(DIRECT TIE)

CENTER LINE

BASIS OF BEARINGS

THE MONUMENT LINE OF RAILROAD AVENUE, TAKEN AS NORTH 41°31'10" WEST, AS SHOWN ON PARCEL MAP 460 (84-PM-13), SAN MATEO COUNTY RECORDS.

ALL PLANS ARE PRELIMINARY AND NOT FOR CONSTRUCTION UNLESS SIGNED AND STAMPED BY THE ENGINEER AND REVIEWING AGENCY.

TOPOGRAPHIC SURVEY

401-445 SOUTH 'B' STREET

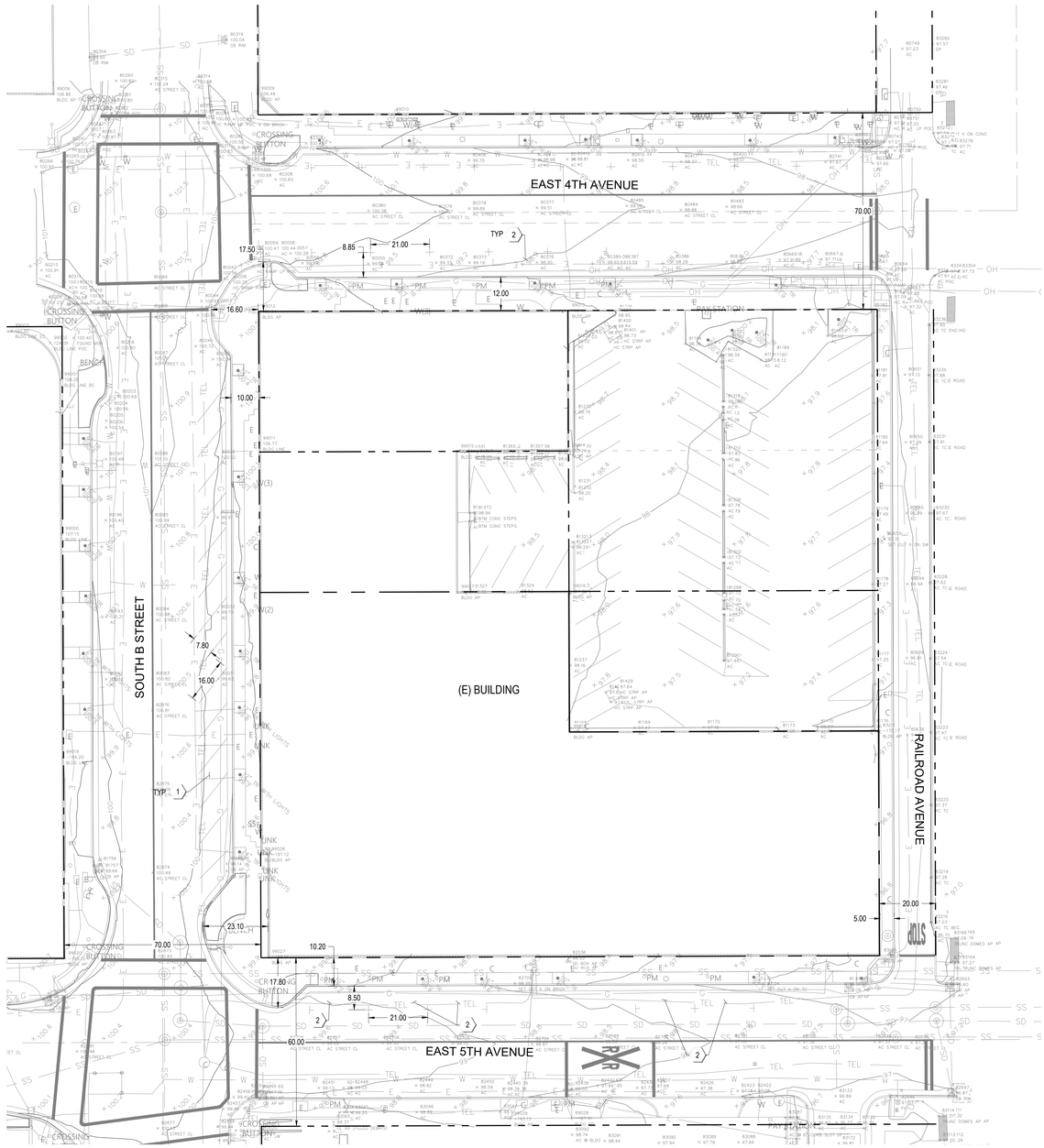
CITY OF SAN MATEO COUNTY OF SAN MATEO CALIFORNIA

JAMES E. DIGGINS - R.C.E. 27818
RENEWAL DATE: 03/31/22

#	REVISIONS	DATE

DeBolt Civil Engineering
811 San Ramon Valley Boulevard
Danville, California 94526
Tel: 925/837-3780
deboltcivil@earthlink.net

Date: 8/03/2021
Scale: 1" = 10'
By: JD / kl
Job No.: 20201



LEGEND

(E) PROPERTY LINE

(E) ADJACENT PROPERTY LINE

KEYNOTES

1. EXISTING PUBLIC ANGLED PARKING SPACE
2. EXISTING PUBLIC PARALLEL PARKING SPACE

RMW
Architecture
Interiors

30 E Santa Clara St.
Suite 200
San Jose
California 95113

Office
408 294-8000

Fax
408 294-1747

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DESIGN ENGINEERS
2548 Mission Street
San Francisco, CA 94110
www.sherwoodengineers.com

CLIENT:

PROJECT NAME & ADDRESS:

BESPOKE

445 S B STREET
SAN MATEO, CA, 94401

ISSUE:	PLANNING APPLICATION RESUBMITTAL #2
ISSUE DATE:	01/29/2024

REVISIONS :

#	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:	1" = 20'
PROJECT NUMBER:	21-034.2
DRAWN BY:	PC
CHECKED BY:	RA

STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:

EXISTING CONDITIONS

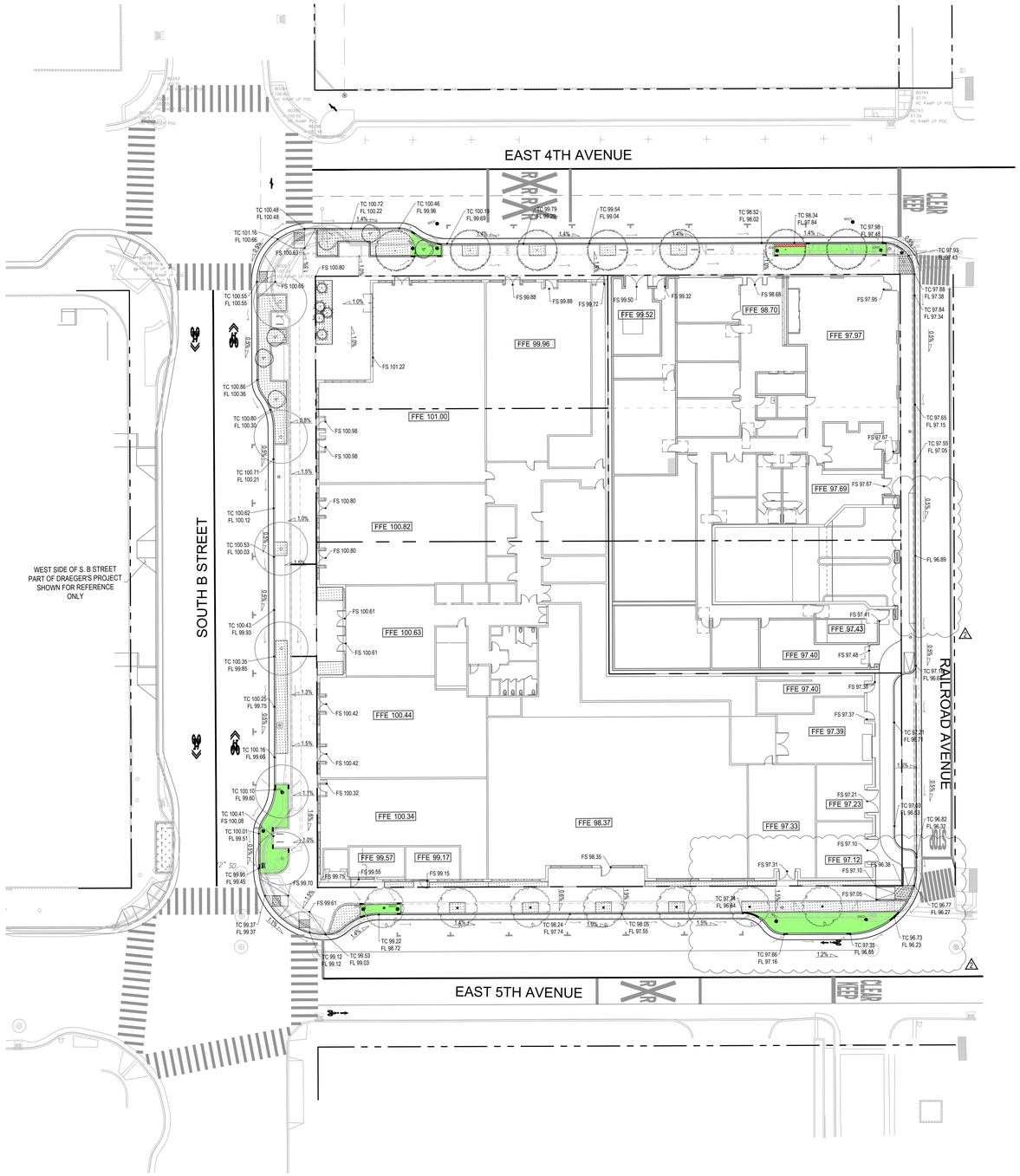
SHEET NUMBER:

C1.00

NORTH

0 10' 20' 40'

plot date: 1/6/2022 2:25:27 PM
P:\2021\21-034.2_DTSN_Tasks\03_Design\C_CADD\1_Pre-App\C1.00 EXISTING CONDITIONS.dwg,C1.00 Piper Classic4,1/25/2024 10:48:56 AM,ARCH full sheet E1 (30.00 x 42.00 inches),1:1



LEGEND

- (E) PROPERTY LINE
- (E) ADJACENT PROPERTY LINE
- (P) BACK OF CURB
- (P) FACE OF CURB
- (P) DETECTABLE WARNING SURFACE
- (P) EDGE OF SIDEWALK
- (P) CURB RAMP
- (P) TREE
- (P) PAVEMENT MARKING
- (P) LANDSCAPE
- CURB OPENING
- FG 100.00 — SPOT ELEVATION
- 1.0% — HARDSCAPE SLOPE
- GRADE BREAK
- TREATMENT PLANTER
- PARKING COURTESY STRIP

NOTES

1. PROPOSED GRADES SHOWN ARE CONCEPTUAL. FINAL GRADES TO BE DEVELOPED DURING THE DESIGN PHASE.
2. FUTURE GRADING WILL CONFORM TO EXISTING CONDITIONS AT THE PROJECT PERIMETER.
3. ALL GRADING SHALL COMPLY WITH APPLICABLE PERMITS, LOCAL ORDINANCES AND RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.

NORTH

0 10' 20' 40'

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30 E Santa Clara St.
Suite 200
San Jose
California 95113

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408 294-8000

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CONCEPT GRADING AND DRAINAGE

SHEET NUMBER:

C2.00

plot date: 1/5/2022 2:25:27 PM
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PARKING COUNT			
	EXISTING	PROPOSED	NET COUNT *
PARKING SPOTS	23	16	-7
LOADING ZONE	0	1	1
TIME-LIMITED STALL	0	1	1

* SEE NOTE 4

KEYNOTES

1. PROPOSED PUBLIC PARKING SPACE
2. NOT USED
3. RELOCATE EXISTING STRUCTURE
4. CURB OPENING
5. RAMP AND HANDRAILS
6. 6-INCH CURB
7. 7-INCH CURB
8. 4-INCH CURB
9. 6-INCH AC DIKE TO BE REMOVED AND REPLACED
10. EXISTING TREE TO BE REMOVED
11. 25FT X 8FT PROPOSED LOADING ZONE
12. EXISTING STRUCTURE TO BE REMOVED
13. HIGH VISIBILITY CROSS WALK PER CITY OF SAN MATEO PEDESTRIAN MASTER PLAN AND MUTCD STANDARDS
14. EXISTING STRUCTURE TO REMAIN
15. PROPOSED CITY OF SAN MATEO ACCESS EASEMENT
16. RELOCATE (E) PARKING METER
17. TIME-LIMITED STALL

NOTES

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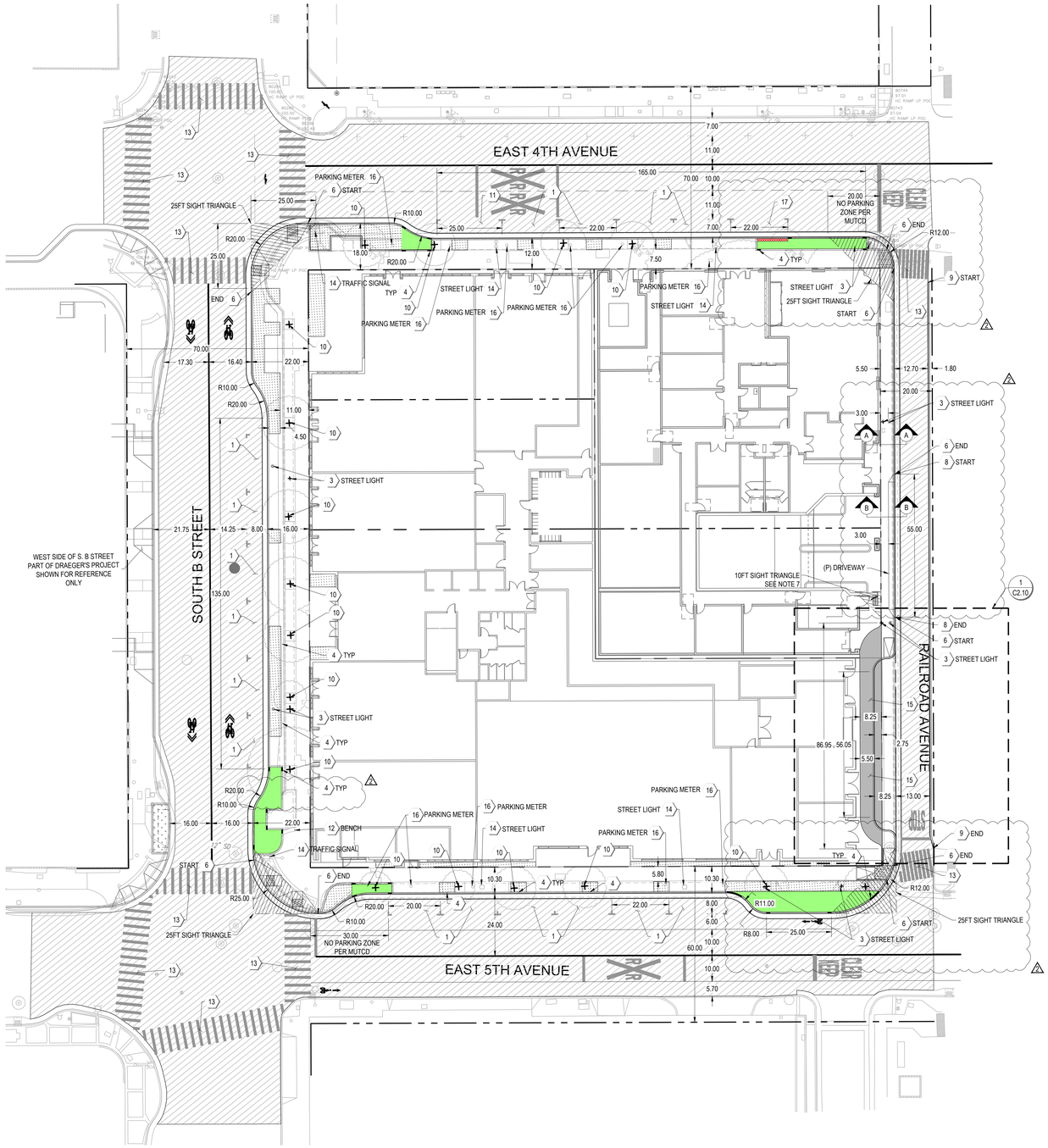
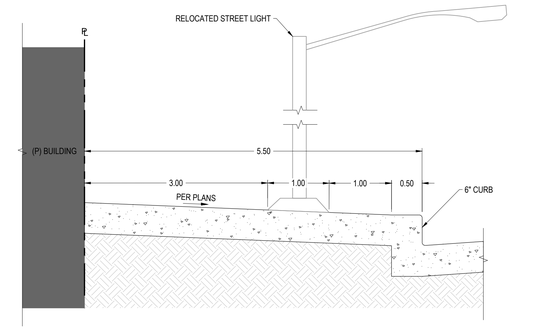
3. ALL GRADING SHALL COMPLY WITH APPLICABLE PERMITS, LOCAL ORDINANCES AND RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.
4. PROPOSED PARKING COUNT REDUCED DUE TO THE SWITCH FROM DIAGONAL PARKING TO PARALLEL PARKING ON S. B STREET.
5. NO TREE PROTECTION PLAN IS REQUIRED AS ALL TREES ARE SLATED TO BE REMOVED AS A RESULT OF IMPACT FROM PARKING GARAGE, FOUNDATION EXCAVATION, AND RIGHT OF WAY IMPROVEMENTS. EXISTING TREE EVALUATION SCHEDULED WITH LANDSCAPE UNIT VALUE CAN BE FOUND IN ARBORIST REPORT.
6. STRIPING AND BIKE LANE PLANS PER CITY OF SAN MATEO 4TH AVE & 5TH AVE SECTION 130 IMPROVEMENTS PROJECTS.
7. GARAGE EXIT TO UTILIZE ALARM SYSTEM TO ALERT PEDESTRIANS OF CAR DEPARTURE.

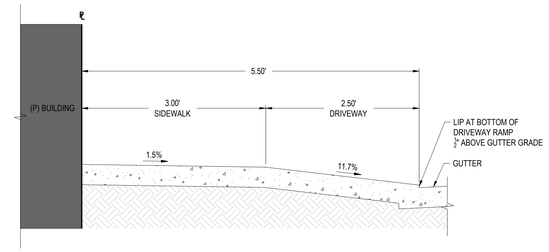
LEGEND

- (E) PROPERTY LINE
- (E) ADJACENT PROPERTY LINE
- (P) BACK OF CURB
- (P) FACE OF CURB
- (P) DETECTABLE WARNING SURFACE
- (P) EDGE OF SIDEWALK
- (P) CURB RAMP
- (P) TREE
- (P) PAVEMENT MARKING
- (P) LANDSCAPE
- (P) PERMEABLE PAVEMENT
- MILL & OVERLAY
- CURB OPENING
- TREATMENT PLANTER
- PARKING COURTESY STRIP

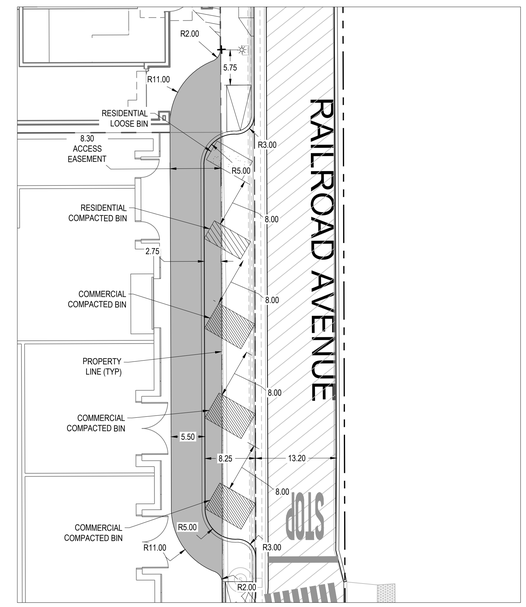




A STREET LIGHT SECTION AT RAILROAD AVE



B DRIVEWAY SECTION CUT



1 TRASH STAGING PLAN

1" = 10'

NORTH

0 10' 20' 40'

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30 E Santa Clara St.
Suite 200
San Jose
California 95113

Office
408 294-8000

Fax
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SHEET NAME:
CONCEPT STREET IMPROVEMENT SITE PLAN

SHEET NUMBER:
C2.10

plot date: 1/5/2022 2:25:27 PM
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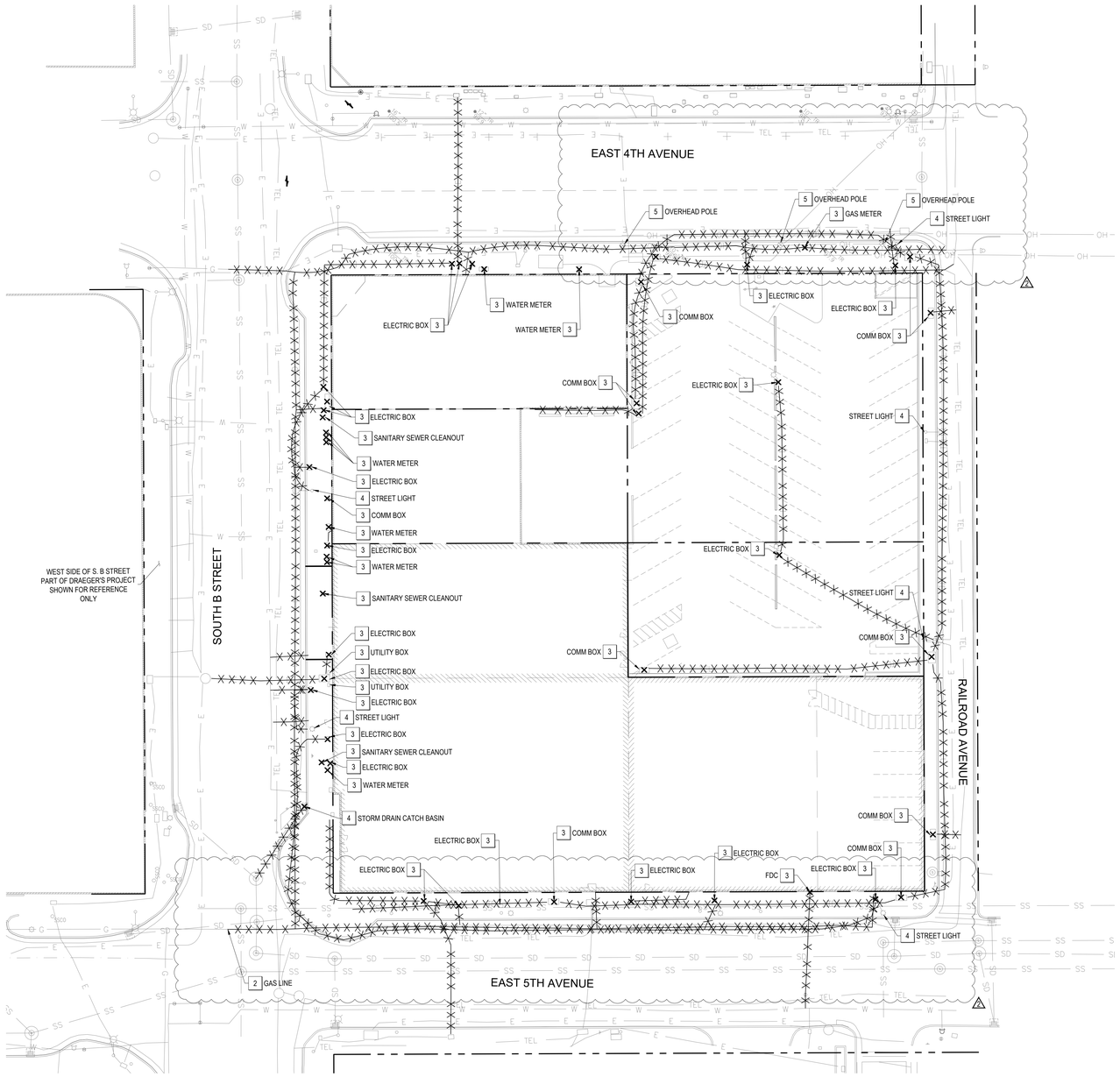

LEGEND

UTILITY LINE TO BE REMOVED

UTILITY STRUCTURE TO BE REMOVED

UTILITY LINE TO BE ABANDONED IN PLACE

UTILITY KEYNOTES

1. ABANDON IN PLACE
2. REMOVE AND CAP IN PLACE
3. STRUCTURE TO BE REMOVED
4. STRUCTURE TO BE RELOCATED
5. OVERHEAD POLE TO REMAIN AND PROTECT IN PLACE

NOTES

1. PROPOSED UTILITIES SHOWN ARE CONCEPTUAL. FINAL UTILITIES TO BE COORDINATED WITH MEP.
2. UTILITY SERVICE SIZES TO BE DETERMINED BY MEP.
3. WITH THE ABSENCE OF MUNICIPAL SANITARY SEWER ADJACENT TO THE RESIDENTIAL BUILDING, THE SEWER AND STORM CONNECTION FOR THIS BUILDING WILL BE COMBINED WITH THE COMMERCIAL CONNECTION.
4. STORM DRAIN EXTENSION COORDINATED PER PLANS PROVIDED BY KIER + WRIGHT DATED 07/27/2022.

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Architecture
Interiors

30 E Santa Clara St.
Suite 200
San Jose
California 95113

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Fax
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CONCEPT DEMO UTILITIES

SHEET NUMBER:

C3.00

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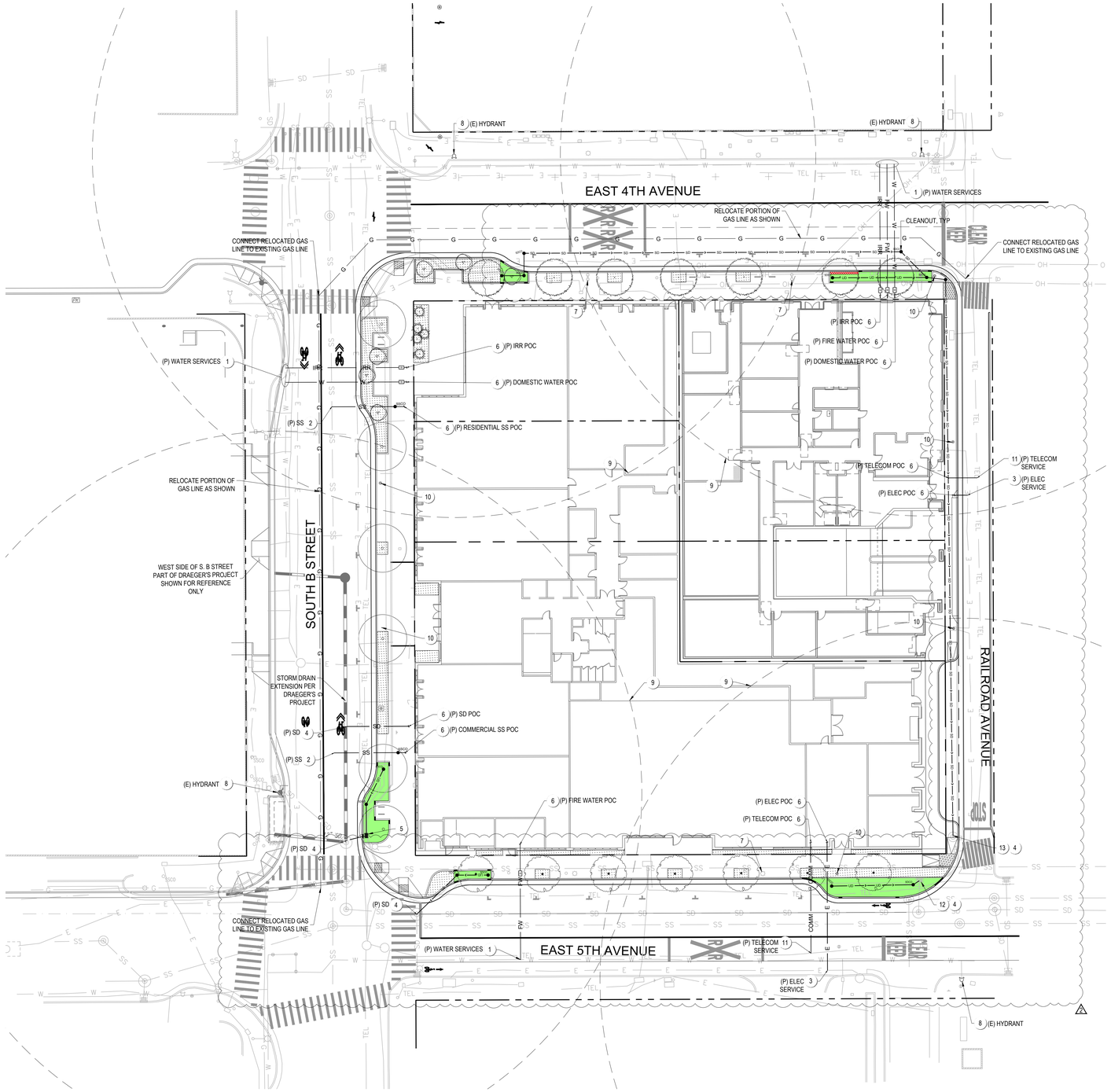

LEGEND

- (P) ELECTRIC TRENCH
- (P) TELECOM TRENCH
- (P) WATER LINE
- (P) FIRE WATER LINE
- (P) IRRIGATION WATER LINE
- (P) SANITARY SEWER LINE
- (P) POINT OF CONNECTION (POC)
- (P) WATER METER
- (P) GAS LINE
- (P) DRAINAGE INLET
- (P) 6" AREA DRAIN
- (P) STORM DRAIN CLEANOUT
- (P) SD MANHOLE
- (P) POC
- (P) STORM DRAIN PIPE
- (P) UNDER DRAIN PIPE
- TREATMENT PLANTER
- PARKING COURTESY STRIP

UTILITY KEYNOTES

1. CONNECT TO (E) WATER MAIN
2. CONNECT TO (E) SANITARY SEWER FORCE MAIN
3. CONNECT TO (E) ELECTRIC LINE
4. CONNECT TO (E) STORM DRAIN PIPE
5. RELOCATE (E) CATCH BASIN
6. TO BE COORDINATED WITH MEP
7. (E) STREET LIGHT TO REMAIN
8. (E) FIRE HYDRANT TO SERVICE PROPERTY
9. FIRE HYDRANT 150FT COVERAGE LIMIT
10. (E) STREET LIGHT TO BE RELOCATED
11. CONNECT TO (E) TELECOMMUNICATIONS LINE
12. (E) CATCH BASIN TO REMAIN
13. (E) DRAINAGE INLET TO REMAIN

NOTES

1. PROPOSED UTILITIES SHOWN ARE CONCEPTUAL. FINAL UTILITIES TO BE COORDINATED WITH MEP.
2. UTILITY SERVICE SIZES TO BE DETERMINED BY MEP.
3. WITH THE ABSENCE OF MUNICIPAL SANITARY SEWER ADJACENT TO THE RESIDENTIAL BUILDING, THE SEWER AND STORM CONNECTION FOR THIS BUILDING WILL BE COMBINED WITH THE COMMERCIAL CONNECTION.
4. STORM DRAIN EXTENSION COORDINATED PER PLANS PROVIDED BY KIER + WRIGHT DATED 05/10/2023. THE MAX CAPACITY OF THE PIPE PER KIER + WRIGHT CALCULATIONS IS 7.99 CFS.
5. TRASH CAPTURE DEVICES CONSISTENT WITH STATE WATER RESOURCES CONTROL BOARD TO BE PROVIDED AT LAST PRIVATE INLET PRIOR TO ENTERING CITY STORM DRAIN SYSTEM.

NORTH

0 10' 20' 40'

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CONCEPT UTILITIES

SHEET NUMBER:

C3.01

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plot date : 1/5/2022 2:25:27 PM

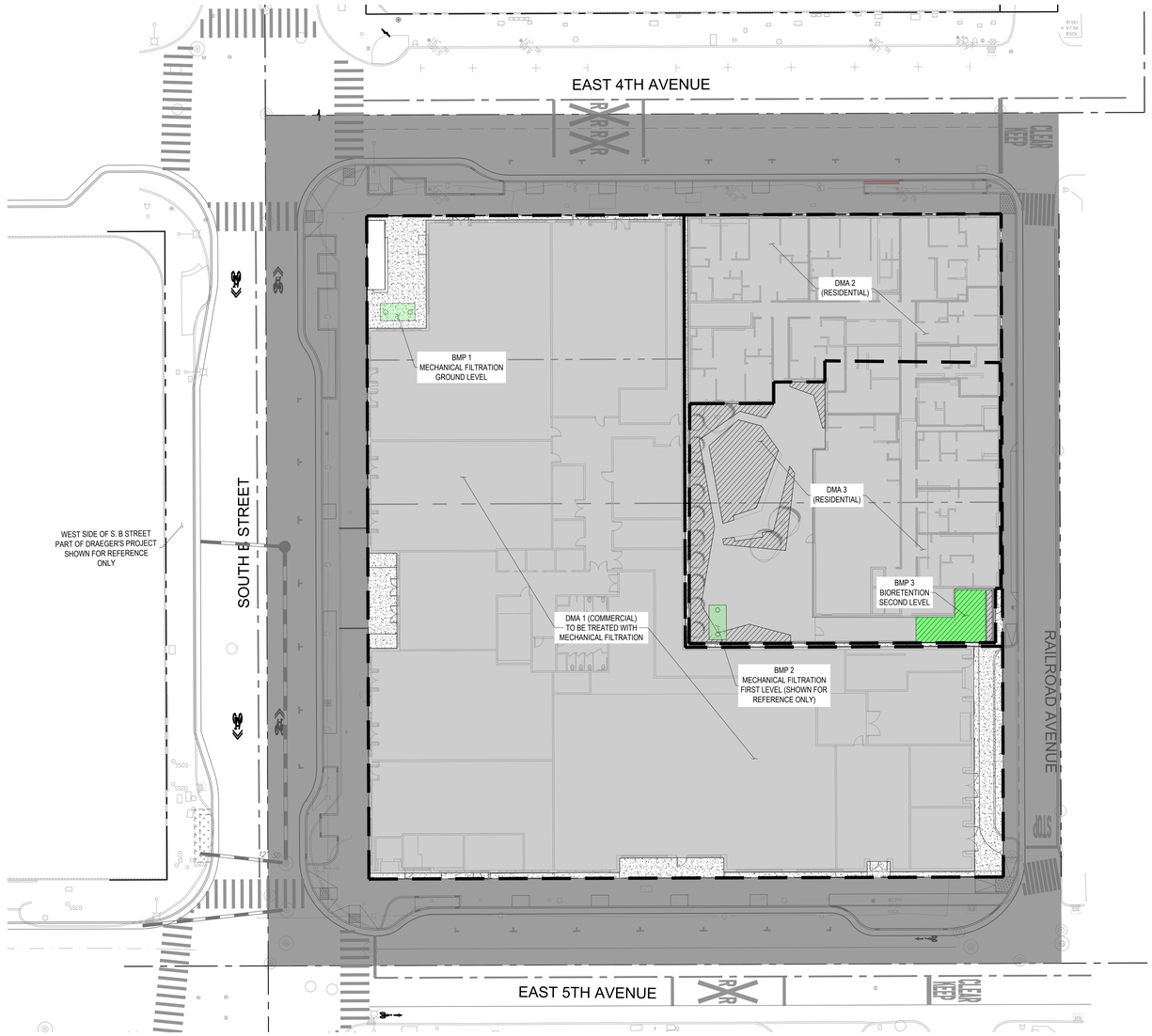
BESPOKE C.3 SPECIAL PROJECT CONDITIONS

DEVELOPMENT	CATEGORY	ZONE	IMPERVIOUS AREA (AC)	SURFACE PARKING	PERMANENT STRUCTURE SITE COVERAGE (%)	FAR OR DU/AC	TOTAL ALLOWABLE CREDIT	TOTAL USED CREDIT[1]
COMMERCIAL	CATEGORY B	CBD/R	0.78	NO SURFACE PARKING	98%	4.76 FAR	100%	100%
RESIDENTIAL	CATEGORY B	CBD/R	0.34	NO SURFACE PARKING	88%	187 DU/AC	100%	40%

[1] THE PROJECT TO PRESERVE THE RIGHT IN THE FUTURE FOR FULL USE OF ALLOWABLE STORMWATER CREDITS TO USE NON-LID TREATMENT SUCH AS HIGH FLOW MEDIA FILTERS AND/OR HIGH FLOW-RATE TREE WELL FILTERS AS ALLOWED PER C.3 REGULATION FOR SPECIAL PROJECTS.

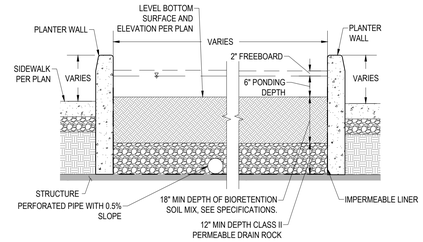
LEGEND

- DRAINAGE AREA BOUNDARY
- PROPERTY LINE
- AREA OUTSIDE OF CALCULATIONS
- TREATMENT PLANTER
- LANDSCAPE
- HARDSCAPE
- LANDSCAPE ON STRUCTURE
- ROOF
- MECHANICAL FILTRATION VAULT
- FLOW DIRECTION



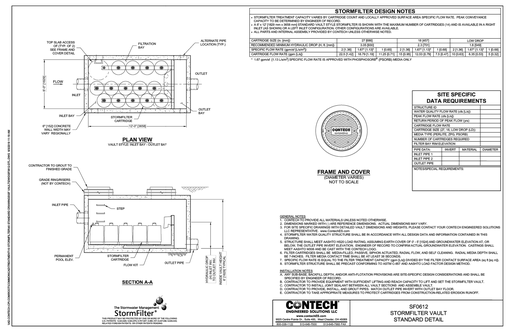
ON-SITE STORMWATER MANAGEMENT PLAN

SCALE: 1"=20'



1 RAISED BIORETENTION PLANTER ON STRUCTURE

SCALE: NTS



2 CONTECH STORMFILTER VAULT STANDARD DETAIL WITH CARTRIDGE SYSTEM

SCALE: NTS

BeSpoke On-Site Existing Conditions

Area	*Impermeable Area (sf)*	*Permeable Area (sf)*	*Total Area (sf)*
DMA 1 (Commercial)	34100	0	34100
DMA 2 (Residential)	15863	637	16500
Total	**49963**	**637**	**50600**

BeSpoke On-Site Proposed Conditions

Area	*Roof (sf)*	*Hardscape (sf)*	*Permeable Pavers (sf)*	*Landscape (sf)*	*Total Area (sf)*	*Method of Treatment*	*Treatment Area Required with 6" Ponding Depth (sf)*	*Treatment Area Provided with 6" Ponding Depth (sf)*	*Required Flow Rate (gpm)*	*Cartridge Size* (in)*	*Number of Cartridges*	*Flow Rate per Cartidge* (cfs)*	*Total Flow Rate of Mechanical Filtration System*	*BMP Designation*	*Detail Reference*
DMA 1 - Commercial	31542	2426	0	132	34100	Mechanical Treatment	-	-	63.24	27	4	18.79	75.16	BMP 1	Detail 2
DMA 2 - Residential	6600	0	0	0	6600	Mechanical Treatment	-	-	12.24	Low Drop	2	8.35	16.7	BMP 2	Detail 2
DMA 3 - Residential	5486	2878	0	1536	9900	Bioretention	266	309	-	-	-	-	-	BMP 3	Detail 1
Total	**43628**	**5304**	**0**	**1668**	**50600**	**-**	**266**	**309**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

* PER CONTECH STORMFILTER VAULT DESIGN NOTES AS SHOWN IN DETAIL 4/C4.00.

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SHEET NUMBER:
C4.00

0 10' 20' 40'

North

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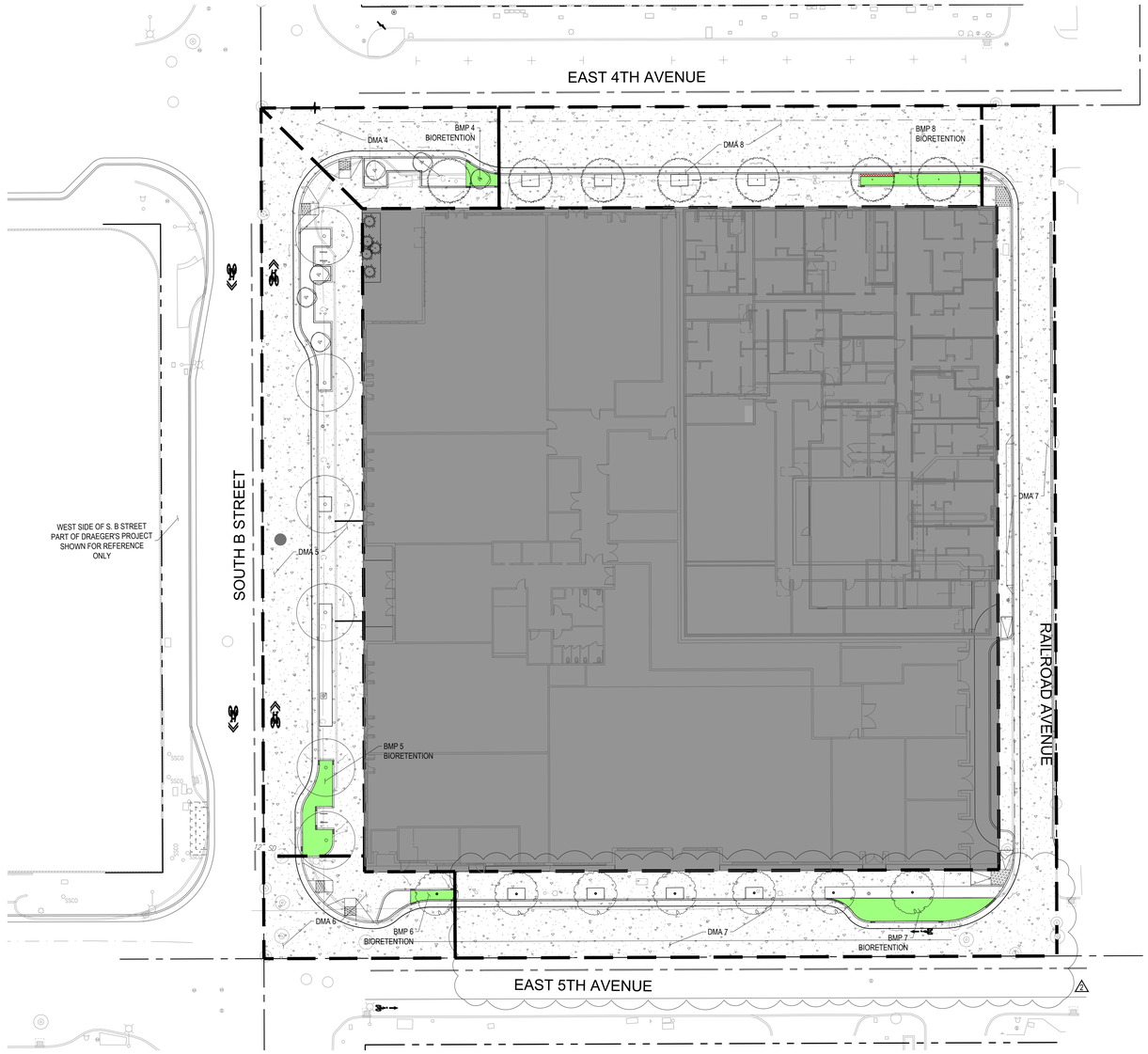
plot date: 1/5/2022 2:25:27 PM



OFF-SITE STORMWATER MANAGEMENT PLAN

SCALE: 1"=20'

BeSpoke Off-Site Existing Conditions

Area	*Impermeable Area (sf)*	*Permeable Area (sf)*	*Total Area (sf)*
Off-Site (Commercial)	22,437	539	22,976
Off-Site (Residential)	7,518	32	7,550
Total	**29,955**	**571**	**30,526**

BeSpoke Off-Site Proposed Conditions

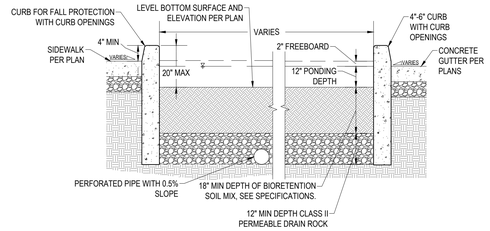
Area	*Impermeable Area (sf)*	*Permeable Area (sf)*	*Total Area (sf)*	*Ponding Depth*	*Treatment Area Required (sf)*	*Method of Treatment*	*Treatment Area Provided (sf)*	*Detail Reference*
DMA 4	1,927	346	2,273	6"	62	Bioretention	67	Detail 1
DMA 5	7,663	805	8,468	8"	225	Bioretention	232	Detail 1
DMA 6	2,059	124	2,183	12"	53	Bioretention	55	Detail 1
DMA 7	11,047	693	11,740	6"	348	Bioretention	357	Detail 1
DMA 8	5,597	265	5,862	10"	153	Bioretention	157	Detail 1
Total	**28,293**	**2,233**	**30,526**	-	**841**		**868**	-

LEGEND

- DRAINAGE AREA BOUNDARY
- PROPERTY LINE
- AREA OUTSIDE OF CALCULATIONS
- TREATMENT PLANTER
- LANDSCAPE
- HARDSCAPE
- LANDSCAPE ON STRUCTURE
- ROOF
- MECHANICAL FILTRATION VAULT
- FLOW DIRECTION
- PARKING COURTESY STRIP

NOTES

1. DUE TO LIMITED AVAILABILITY ON RAILROAD AVE FRONTAGE, A 12-INCH PONDING DEPTH FOR ALL BIORETENTION PLANTERS WILL BE REQUIRED TO ACHIEVE THE REQUIRED TREATMENT.
2. ALL BIORETENTION WILL BE PER DETAILS 1 AND 2 , AND WILL INCORPORATE A MINIMUM 4-INCH CURB HEIGHT FOR FALL PROTECTION FROM THE SIDEWALK SIDE.



1 AT-GRADE BIORETENTION PLANTER WITH CURBS

SCALE: NTS

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2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:	1" = 20'
PROJECT NUMBER:	21-034.2
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CHECKED BY:	RA

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SHEET NAME:
CONCEPT STORMWATER MANAGEMENT PLAN - OFF-SITE

SHEET NUMBER:
C4.01

0 10' 20' 40'

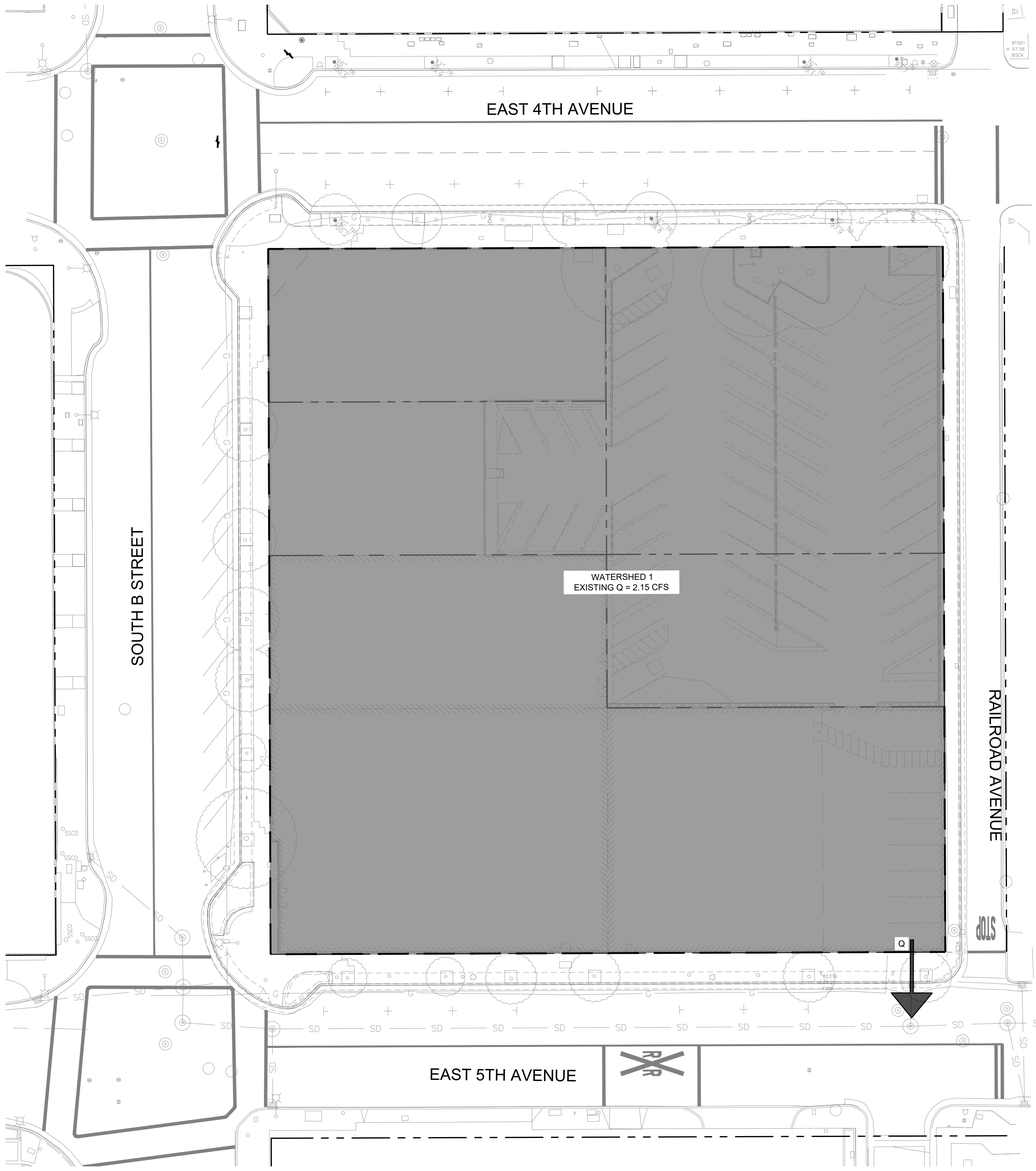
North

plot date: 1/6/2022 2:25:27 PM

P:\2021\21-034.2_DRSK_Tallwood3_Design\01_CAD\01_Pre-App\C4.00 CONCEPT STORMWATER MANAGEMENT PLAN.dwg,C4.01 Plan Created:1/2/2024 10:01:58 AM,ARCH full bleed E1 (42.00 x 42.00 Inches),1:1

LEGEND

WATERSHED BOUNDARY
(P) DRAINAGE INLET
(P) 6" AREA DRAIN
SDCO
(P) STORM DRAIN CLEANOUT
(P) SD MANHOLE
(P) POC



EXISTING CONDITIONS

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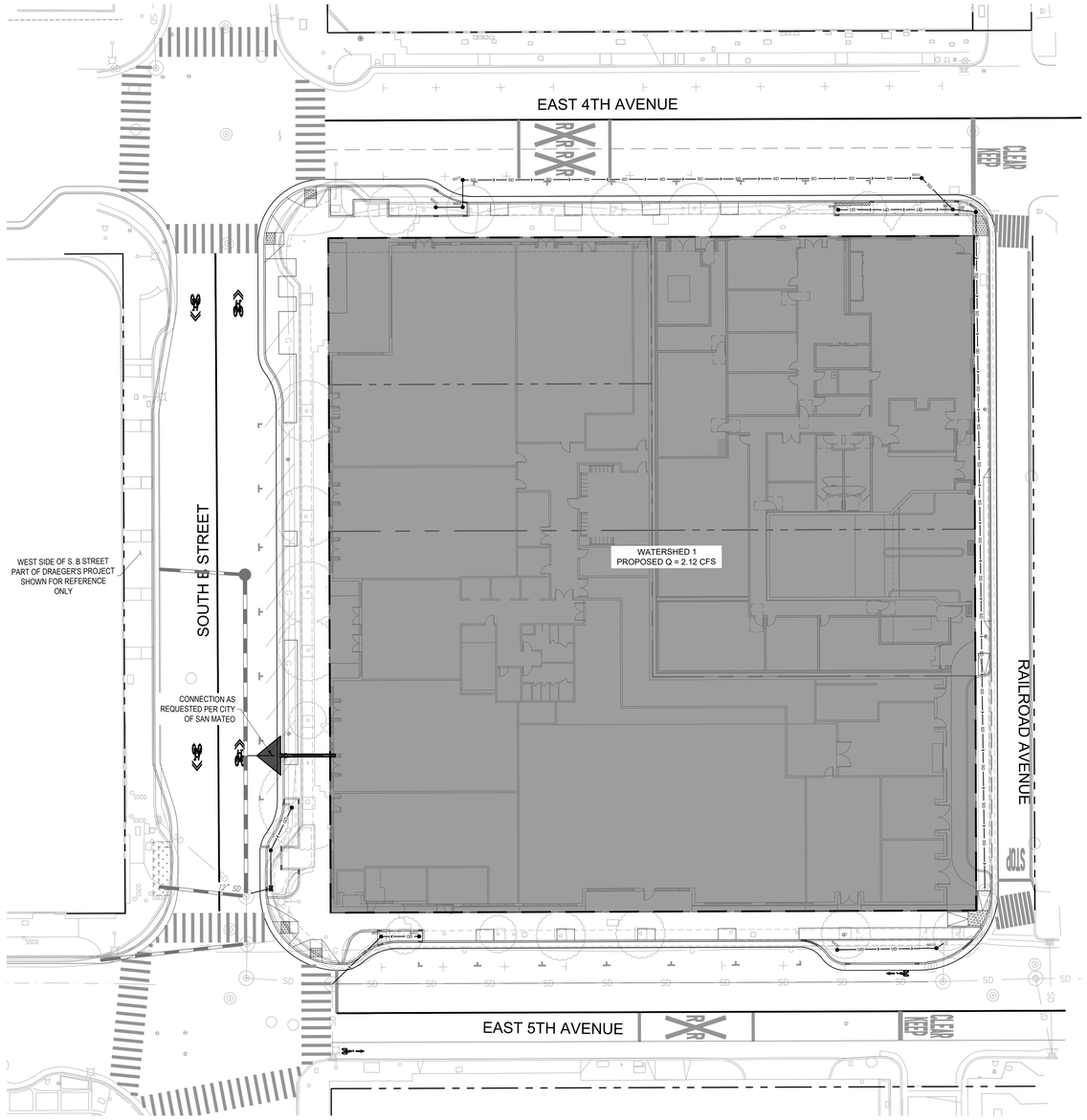

PROPOSED CONDITIONS

SCALE: 1"=20'

EXISTING BESPOKE ON-SITE STORM DRAIN FLOW CALCULATIONS							
DMA		AREAS (sf)	AVERAGE RUNOFF COEFFICIENT	TIME OF CONCENTRATION (mins)	INTENSITY (in/hr)	10-YR STORM EVENT RUNOFF (cfs)	DRAINAGE LOCATION
EXISTING ON-SITE WATERSHED 1	IMPERVIOUS	49963	0.99	10	1.87	2.15	SHEET & PIPE FLOW TO STORM DRAIN SYSTEM ON E 5TH AVE
	PERVIOUS	637					
TOTAL		50600	-	-	-	2.15	

PROPOSED BESPOKE ON-SITE STORM DRAIN FLOW CALCULATIONS							
DMA		AREAS (sf)	AVERAGE RUNOFF COEFFICIENT	TIME OF CONCENTRATION (mins)	INTENSITY (in/hr)	10-YR STORM EVENT RUNOFF (cfs)	DRAINAGE LOCATION
PROPOSED ON-SITE	IMPERVIOUS	48932	0.98	10	1.87	2.12	SHEET & PIPE FLOW TO STORM DRAIN LINE ON S. B STREET
	PERVIOUS	1668					
TOTAL		50600	-	-	-	2.12	

0 10' 20' 40' North

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30 E. Santa Clara St.
Suite 200
San Jose
California 95113

Office
408 294-8000

Fax
408 294-1747

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CLIENT:

PROJECT NAME & ADDRESS:

BESPOKE

445 S B STREET
SAN MATEO, CA, 94401

ISSUE: PLANNING APPLICATION RESUBMITTAL #2
ISSUE DATE: 01/29/2024

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SCALE: 1" = 20'
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SHEET NAME:
CONCEPT STORM DRAIN CAPACITY STUDY

SHEET NUMBER:
C5.00

plot date: 1/6/2022 2:25:27 PM
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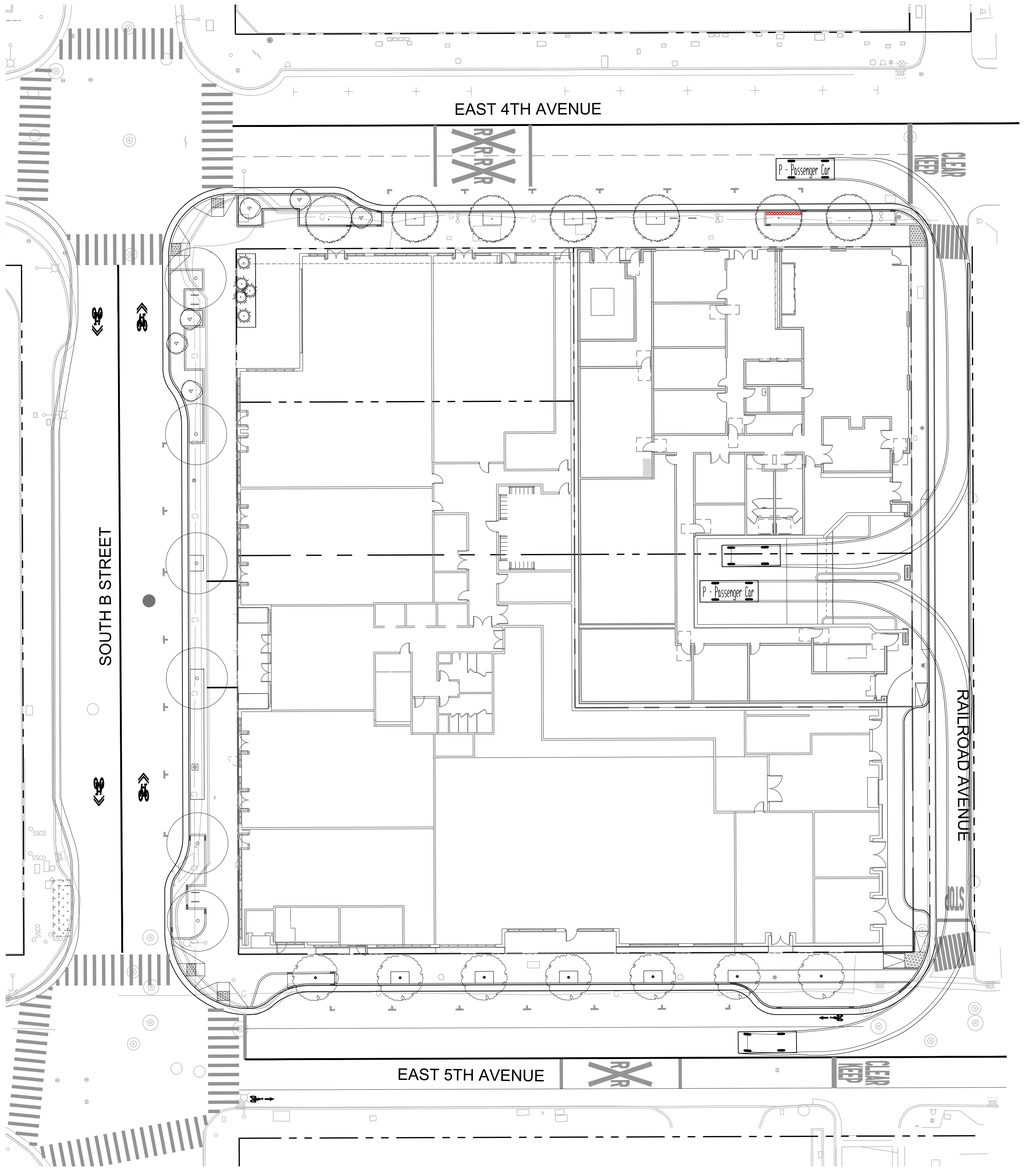
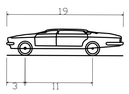
NOTES

1. GARBAGE TRUCK TO BE REPRESENTATIVE OF CITY OF SAN MATEO RECOLOGY GARBAGE TRUCK.



PASSENGER CAR TURNING ANALYSIS ALONG RAILROAD AVE

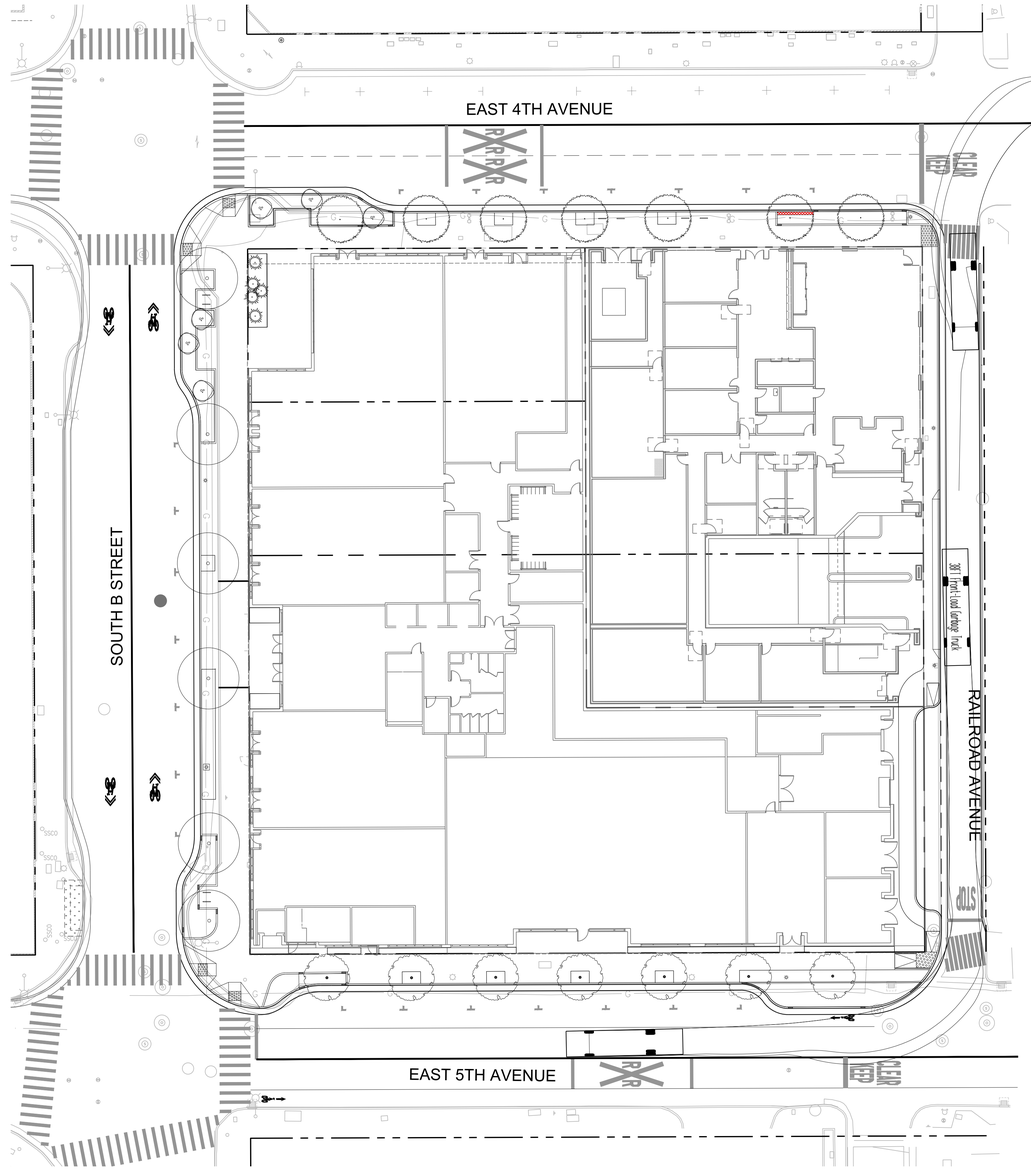
SCALE: 1"=20'



P - Passenger Car	
Overall Length	19.000ft
Overall Width	7.000ft
Overall Body Height	4.300ft
Min Body Ground Clearance	1.115ft
Track Width	6.000ft
Lock-to-lock time	4.00s
Max Steering Angle (Virtual)	31.60°

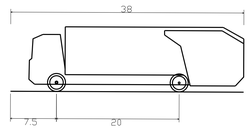
1 PASSENGER CAR VEHICLE PROFILE

SCALE: 1" = 10'



GARBAGE TRUCK TURNING ANALYSIS ALONG RAILROAD AVENUE

SCALE: 1"=20'



38FT Front-Load Garbage Truck	
Overall Length	38.000ft
Overall Width	8.375ft
Overall Body Height	10.546ft
Min Body Ground Clearance	1.000ft
Track Width	8.375ft
Lock-to-lock time	6.00s
Curb to Curb Turning Radius	29.300ft

1 GARBAGE TRUCK VEHICLE PROFILE

SCALE: 1" = 10'

0 10' 20' 40'

North

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30 E. Santa Clara St.
Suite 200
San Jose
California 95113

Office
408 294-8000

Fax
408 294-1747

rmw.com

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2548 Mission Street
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CONCEPT TURNING ANALYSIS STUDY

SHEET NUMBER:

C6.00

Plot date: 1/6/2022 2:25:27 PM
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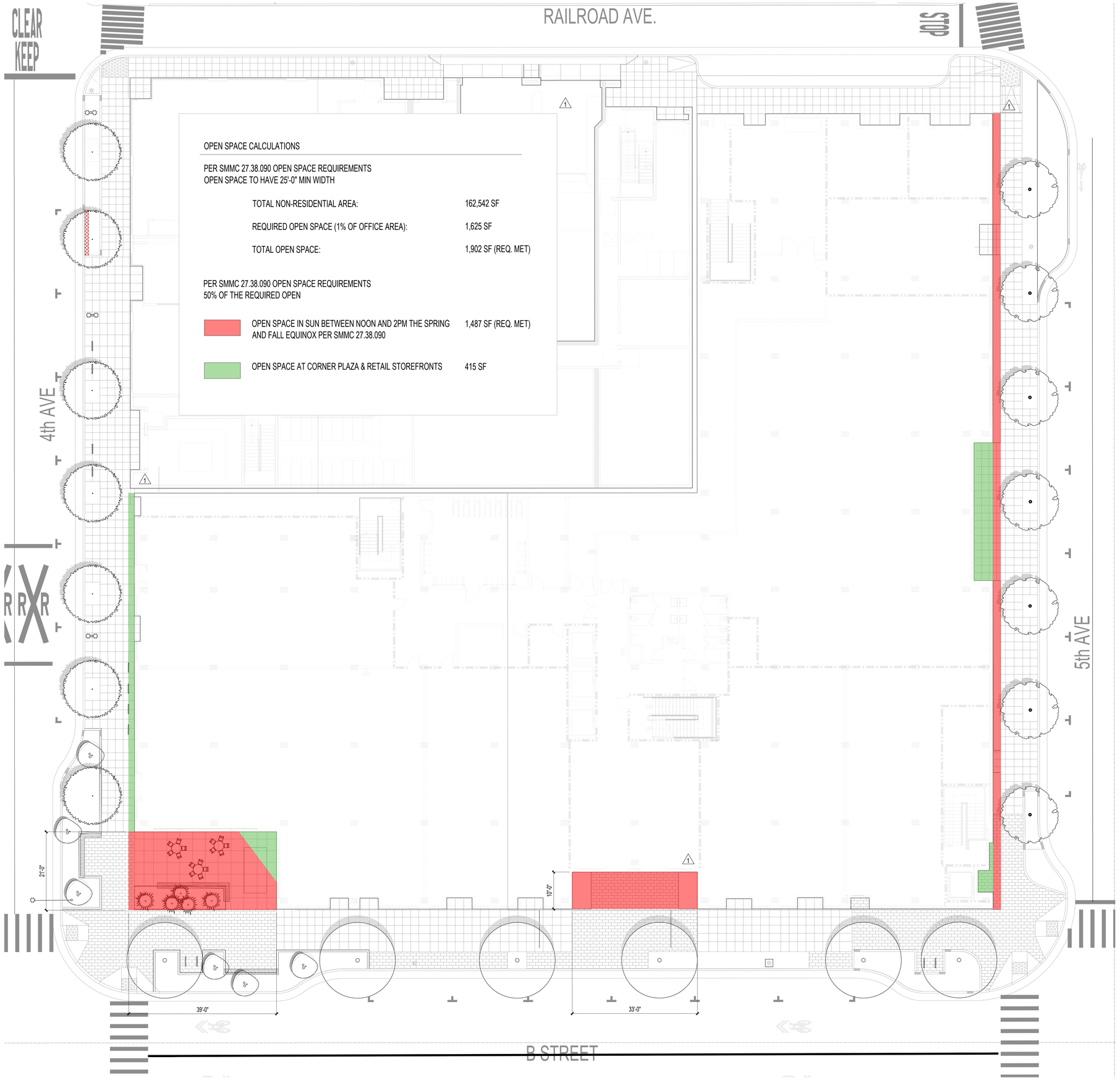

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4th Floor
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California 94111

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OPEN SPACE DIAGRAM

SHEET NUMBER:
L.0.0

plot date

Tree Inventory and Assessment

415 - 445 South B Street (Tablots)
San Mateo, CA

November 19, 2021
Revised February 14, 2023
September 19, 2023

Prepared for:

Harvest Properties

Prepared By:

Richard Gessner
ASCA - Registered Consulting Arborist ® #496
ISA - Board Certified Master Arborist® WE-4341B

Monarch Consulting Arborists

Richard Gessner
P.O. Box 1010 – Felton, CA 95018
1 831 331 8982
www.monarcharborists.com

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Observations

Tree Inventory

The inventory contains all the trees six inches in diameter and greater measured at forty-eight inches above grade. The City of San Mateo ordinance 13.40.030 defines "Heritage Trees" as the following:

13.40.030 Definition

K. Heritage Tree means any of the following:

1. Any oak (Quercus spp.) tree with a trunk that has a diameter of ten inches or more (31.4 inches in circumference) measured at 54 inches above natural grade;
2. Any other tree with a trunk diameter of fifteen inches (47.1 inches in circumference) or more, measured at 54 inches above natural grade.
3. Multi-stem trees. Trees with more than one stem (arising at or below 54 inches) shall be measured at the smallest diameter point below the main union of all stems unless the union occurs below grade, in which case each stem shall be measured as a stand-alone tree. For oak trees, if one stem is ten inches or more in diameter, the tree will constitute one Heritage Tree. For all other species, if one stem is fifteen inches or more in diameter, the tree will constitute one Heritage Tree.
4. Any tree or stand of trees designated by resolution of the City Council to be of special historical value or of significant community benefit; or
5. A stand of trees, the nature of which makes each dependent on the others for survival.

There are nine "Heritage Trees" as defined by the ordinance and twelve "Street Trees".

The trees are arbitrarily numbered (no affixed number tags were used for this assignment) around the site clockwise starting at the Canary Island pines along 4th Street (Appendix A). There are twenty-three trees comprised of four different species as follows: Canary island pine (*Pinus canariensis*), hackberry (*Celtis occidentalis*), Chinese pistache (*Pistacia chinensis*), and one carrot wood (*Cupaniopsis anacardioides*). Eighteen trees are "Street Trees".

Analysis

27.71.150 PRESERVATION OF EXISTING TREES.

Landscape Unit Value (LU)

1. The tree species, condition, and location values of the trees shall be based on an evaluation by an experienced landscape appraiser recognized by the American Society of Consulting Arborists utilizing the most recent Guide for Plant Appraisal, published by the Council of Tree and Landscape Appraisers; and approved by the Zoning Administrator.
2. Trees not within an allowable building area shall receive a location factor of 1.0 (100%). Trees located within the allowable building area shall receive a location factor of .70 (70%).
3. Trees designated as heritage trees shall receive a bonus percentage value of 1.25 (125%). Trees located within the allowable building area shall receive a location factor of .70 (70%).
4. Trees designated as heritage trees shall receive a bonus percentage value of 1.25 (125%).

All existing trees to be removed shall be given a LU value based upon the following calculation:

(species value% X condition value% X location value%) /.35 X (caliper inches x bldg./ setback% x heritage tree%) = LU

Tree condition ratings and percentages are defined in the "Condition Rating" section of this report. The location rating were established at 63 percent (the average of site (90%), placement (50%), and contribution (50%)).

The average L/U Value is 11.14 with a total of 256.263 (Appendix B). Street Trees were not considered to be in the "Buildable Area" for this assignment.

Discussion

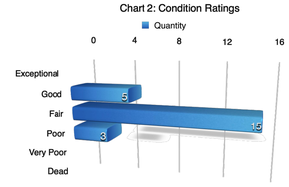
Condition Rating

A tree's condition is a determination of its overall health, structure, and form (ISA 2018). The assessment considered all three characteristics for a combined condition rating.

- 100% - Exceptional = Good health and structure with significant size, location or quality.
- 61-80% - Good = Normal vigor, well-developed structure, function and aesthetics not compromised with good longevity for the site.
- 41-60 % - Fair = Reduced vigor, damage, dieback, or pest problems, at least one significant structural problem or multiple moderate defects requiring treatment. Major asymmetry or deviation from the species normal habit, function and aesthetics compromised.
- 21-40% - Poor = Unhealthy and declining appearance with poor vigor, abnormal foliar color, size or density with potential irreversible decline. One serious structural defect or multiple significant defects that cannot be corrected and failure may occur at any time. Significant asymmetry and compromised aesthetics and intended use.
- 6-20% - Very Poor = Poor vigor and dying with little foliage in irreversible decline. Severe defects with the likelihood of failure being probable or imminent. Aesthetically poor with little or no function in the landscape.
- 0-5% - Dead/Unstable = Dead or imminently ready to fail.

Five trees are in good condition, fifteen fair, and three poor (Chart 1).

Chart 2: Condition Ratings



Summary

There are nine "Heritage Trees" as defined by the ordinance and eighteen "Street Trees" (two are Heritage Trees). The inventory arbitrarily numbers (no affixed number tags were used for this assignment) the trees around the site clockwise starting at the Canary Island pines along 4th Street. Five trees are in good condition, fifteen fair, and three poor. All the trees will be highly impacted and are proposed for removal. The average L/U Value is 11.14 with a total of 256.263. Street Trees were not considered to be in the "Buildable Area" for this assignment.

Introduction

Background

Harvest Properties asked me to assess the site, trees, and proposed footprint plan, and to provide a report with my findings and recommendations to help satisfy planning requirements.

Assignment

- Provide an arborist's report that includes an assessment of the trees within the project area and on the adjacent sites. The assessment is to include the species, size (trunk diameter) and condition (health, structure, and form) ratings.
- Provide expected impact ratings for trees that may be affected by the project.
- Provide LU values according to the City of San Mateo ordinance 27.71.150.

Limits of the assignment

- The information in this report is limited to the condition of the trees and site during my inspection on November 17, 2021. No tree risk assessments were performed.
- Only the landscape plans were provided for this assignment.

Table 1: Plans Reviewed Checklist

Plan	Date	Sheet	Reviewed	Source	Notes
Existing Site Topographic Map or A.L.T.A with tree locations			No		
Proposed Sit Plan		A00, A001, A002	Yes	RAAW	
Demolition Plan			No		
Construction Staging			No		
Grading and Drainage			No		
Utility Plan and Hook-up locations			No		
Exterior Elevations			No		
Landscape Plan			No		
Irrigation Plan			No		
T-1 Tree Protection Plan			No		

Purpose and use of the report

The report is intended to identify all the trees within the plan area that could be affected by a project. The report is to be used by the property owners, owner's agents, and the City of San Mateo as a reference for existing tree and site conditions to help satisfy planning requirements.

Expected Impact Level

Impact level defines how a tree may be affected by construction activity and proximity to the tree, and is described as low, moderate, or high. The following scale defines the impact rating:

- Low = The construction activity will have little influence on the tree.
- Moderate = The construction may cause future health or structural problems, and steps must be taken to protect the tree to reduce future problems.
- High = Tree structure and health will be compromised and removal is recommended, or other actions must be taken for the tree to remain. The tree is located in the building envelope.

All the trees will be highly impacted and are proposed for removal.

Conclusion

There are nine "Heritage Trees" as defined by the ordinance and twelve "Street Trees" (two are Heritage Trees). The inventory arbitrarily numbers (no affixed number tags were used for this assignment) the trees around the site clockwise starting at the Canary Island pines along 4th Street, 5th Street, and then B. Five trees are in good condition, fifteen fair, and three poor. All the trees will be highly impacted and are proposed for removal. The average L/U Value is 11.14 with a total of 256.263. Street Trees were not considered to be in the "Buildable Area" for this assignment.

Recommendations

1. Obtain all necessary permits prior to removing or significantly altering any trees on the property

2. All tree maintenance, care, and removals shall be performed by a qualified arborist with a C-61/D-49 California Contractors License. Tree maintenance and care shall be specified in writing according to American National Standard for Tree Care Operations: *Tree, Shrub and Other Woody Plant Management: Standard Practices* parts 1 through 10 and adhere to ANSI Z133.1 safety standards and local regulations. All maintenance is to be performed according to ISA Best Management Practices.

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160 Pine Street
4th Floor
San Francisco
California 94111

Office
415 781-9800

Fax
415 788-5216

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1 2

SHEET NAME:
ARBORIST REPORT

SHEET NUMBER:
L.0.1

plot date :

Bibliography

American National Standard for Tree Care Operations: Tree, Shrub and Other Woody Plant Management : Standard Practices (Management of Trees and Shrubs During Site Planning, Site Development, and Construction)(Part 5). Londonderry, NH: Secretariat, Tree Care Industry Association, 2019. Print.

Fite, Kelby, and Edgar Thomas. Smiley. *Managing trees during construction*, second edition. Champaign, IL: International Society of Arboriculture, 2016.

ISA. *Guide For Plant Appraisal*. Savoy, IL: International Society Of Arboriculture, 2000. Print.

ISA. Species Classification and Group Assignment, 2004 Western Chapter Regional Supplement. Western Chapter ISA

Appendix A: Tree Inventory Locations

Appendix B: Tree Inventory Table

Table 2: Inventory Summary

Tree Species	#	Trunk Diameter (in.)	Condition	Expected Impact	Disposition	LU Value
Canary island pine (*Pinus canariensis*)	1	26	Fair	High/ Remove	Heritage Tree	18.4275
Canary island pine (*Pinus canariensis*)	2	24	Good	High/ Remove	Heritage Tree	23.814
Canary island pine (*Pinus canariensis*)	3	24	Good	High/ Remove	Heritage Tree	23.814
Canary island pine (*Pinus canariensis*)	4	24	Good	High/ Remove	Heritage Tree	23.814
Canary island pine (*Pinus canariensis*)	5	33	Good	High/ Remove	Heritage Tree	32.74425
hackberry (*Celtis occidentalis*)	6	10	Poor	High/ Remove	Street Tree	3.78
Chinese pistache (*Pistacia chinensis*)	7	12	Good	High/ Remove	Street Tree	13.608
Chinese pistache (*Pistacia chinensis*)	8	11	Fair	High/ Remove	Street Tree	8.91
Chinese pistache (*Pistacia chinensis*)	9	13	Fair	High/ Remove	Street Tree	10.53
hackberry (*Celtis occidentalis*)	10	11	Fair	High/ Remove	Street Tree	6.93
hackberry (*Celtis occidentalis*)	11	15	Fair	High/ Remove	Street Tree/ Heritage Tree	11.8125
Chinese pistache (*Pistacia chinensis*)	12	10	Poor	High/ Remove	Street Tree	4.86
Chinese pistache (*Pistacia chinensis*)	13	10	Fair	High/ Remove	Street Tree	8.1
carrot wood (*Cupaniopsis anacardioides*)	14	20	Fair	High/ Remove	Street Tree/ Heritage Tree	2.25
Chinese pistache (*Pistacia chinensis*)	15	11	Fair	High/ Remove	Street Tree	8.91
hackberry (*Celtis occidentalis*)	16	11	Fair	High/ Remove	Street Tree	6.93

Tree Species	#	Trunk Diameter (in.)	Condition	Expected Impact	Disposition	LU Value
hackberry (*Celtis occidentalis*)	17	12	Fair	High/ Remove	Street Tree/ Heritage Tree	7.56
hackberry (*Celtis occidentalis*)	18	14	Fair	High/ Remove	Street Tree	7.56
hackberry (*Celtis occidentalis*)	19	12	Fair	High/ Remove	Street Tree	7.7175
hackberry (*Celtis occidentalis*)	20	12	Fair	High/ Remove	Street Tree	6.615
hackberry (*Celtis occidentalis*)	21	16	Fair	High/ Remove	Street Tree/ Heritage Tree	6.615
hackberry (*Celtis occidentalis*)	22	11	Fair	High/ Remove	Street Tree	8.82
hackberry (*Celtis occidentalis*)	23	11	Poor	High/ Remove	Street Tree	6.06375

Appendix C: Photographs
C1: Canary Island Pines #1-#5

C2: Tree #6

C3: #7

C4: Trees #8 and #9

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160 Pine Street
4th Floor
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California 94111

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415 781-9800

Fax
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C5: Trees #10 through #13

C6: Trees #14 though #17

Qualifications, Assumptions, and Limiting Conditions

Any legal description provided to the consultant is assumed to be correct. Any titles or ownership of properties are assumed to be good and marketable. All property is appraised or evaluated as though free and clear, under responsible ownership and competent management.

All property is presumed to be in conformance with applicable codes, ordinances, statutes, or other regulations.

Care has been taken to obtain information from reliable sources. However, the consultant cannot be responsible for the accuracy of information provided by others.

The consultant shall not be required to give testimony or attend meetings, hearings, conferences, mediations, arbitration, or trials by reason of this report unless subsequent contractual arrangements are made, including payment of an additional fee for such services.

This report and any appraisal value expressed herein represent the opinion of the consultant, and the consultant's fee is not contingent upon the reporting of a specified appraisal value, a stipulated result, or the occurrence of a subsequent event.

Sketches, drawings, and photographs in this report are intended for use as visual aids, are not necessarily to scale, and should not be construed as engineering or architectural reports or surveys. The reproduction of information generated by architects, engineers, or other consultants on any sketches, drawings, or photographs is only for coordination and ease of reference. Inclusion of said information with any drawings or other documents does not constitute a representation as to the sufficiency or accuracy of said information.

Unless otherwise expressed: a) this report covers only examined items and their condition at the time of inspection; and b) the inspection is limited to visual examination of accessible items without dissection, excavation, probing, or coring. There is no warranty or guarantee, expressed or implied, that structural problems or deficiencies of plants or property may not arise in the future.

Certification of Performance

I Richard Gessner, Certify:

That I have personally inspected the tree(s) and/or the property referred to in this report, and have stated my findings accurately. The extent of the evaluation and/or appraisal is stated in the attached report and Terms of Assignment;

That I have no current or prospective interest in the vegetation or the property that is the subject of this report, and I have no personal interest or bias with respect to the parties involved;

That the analysis, opinions and conclusions stated herein are my own;

That my analysis, opinions, and conclusions were developed and this report has been prepared according to commonly accepted Arboricultural practices;

That no one provided significant professional assistance to the consultant, except as indicated within the report.

That my compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client or any other party, nor upon the results of the assessment, the attainment of stipulated results, or the occurrence of any other subsequent events;

I further certify that I am a Registered Consulting Arborist® with the American Society of Consulting Arborists, and that I acknowledge, accept and adhere to the ASCA Standards of Professional Practice. I am an International Society of Arboriculture Board Certified Master Arborist® and Tree Risk Assessor Qualified. I have been involved with the practice of Arboriculture and the care and study of trees since 1998.

Richard J. Gessner

ASCA Registered Consulting Arborist® #496
ISA Board Certified Master Arborist® WE-4341B

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RMW
Architecture
Interiors

160 Pine Street
4th Floor
San Francisco
California 94111

Office
415 781-9800

Fax
415 788-5216

rmw.com

PLACE
735 NW 18th Avenue
Portland, OR 97209
503.334.2080
www.place.la

CLIENT:

HARVEST PROPERTIES

PROMETHEUS

PROJECT NAME & ADDRESS:

401-445 S. B STREET

401-445 S. B STREET
SAN MATEO, CA 94401

ISSUE: PLANNING APPLICATION RESUBMITTAL #2
ISSUE DATE: 01/29/2024

REVISIONS :

	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:

PROJECT NUMBER: 2202017.00
DRAWN BY: YW
CHECKED BY: MMc

STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
ARBORIST REPORT

SHEET NUMBER:
L.0.3

plot date :

Required Tree Planting On-site

Zoning Code, Section 27.71 – Landscape, requires all projects to have a minimum ratio of **1 tree per 400 square feet** of landscaped area. Existing trees that are a minimum of 6 inch diameter may count toward this total.

Landscape Area: _____sq. ft. ÷ 400 = 3 (a)

Number of existing trees from Tree Evaluation Schedule with a 6 inch or greater diameter **to be preserved:** 0 (b)

Landscape Unit (LU) value of trees **to be removed** from the Tree Evaluation Schedule: 0 (c)

Minimum LU value to be replaced and/or met through payment of in-lieu fees: **[a – b + c = d]** 3 (d)

New Trees:

A "landscape unit" (LU) value equivalent to (d) above, must either be planted on site, or an "in-lieu" fee paid to the city's street tree planting fund. If the LU value shown at (e) is not equal or greater than (d), then an in-lieu fee must be paid to the City's street tree planting fund at the rate defined annually in the City's Comprehensive Fee Schedule for each deficient LU.

New Trees Being Planted*

Quantity	Size	LU Value	Total LU Value
	15 gallon	1	
	24 inch box	2	
4	36 inch box	3	
	48 inch box	4	
	Total LU Value of new trees being proposed:		(e)

*New replacement trees shall be in addition to and not substitute requirements for new street trees, parking lot trees or other required trees.

Fees Owed to the City Street Tree Planting Fund:

If (d) is greater than (e), there will be an LU value deficit calculated as follows:

[d – e = -1 **x (the annually defined $ per LU value as per Current Comprehensive Fee Schedule)** = $0

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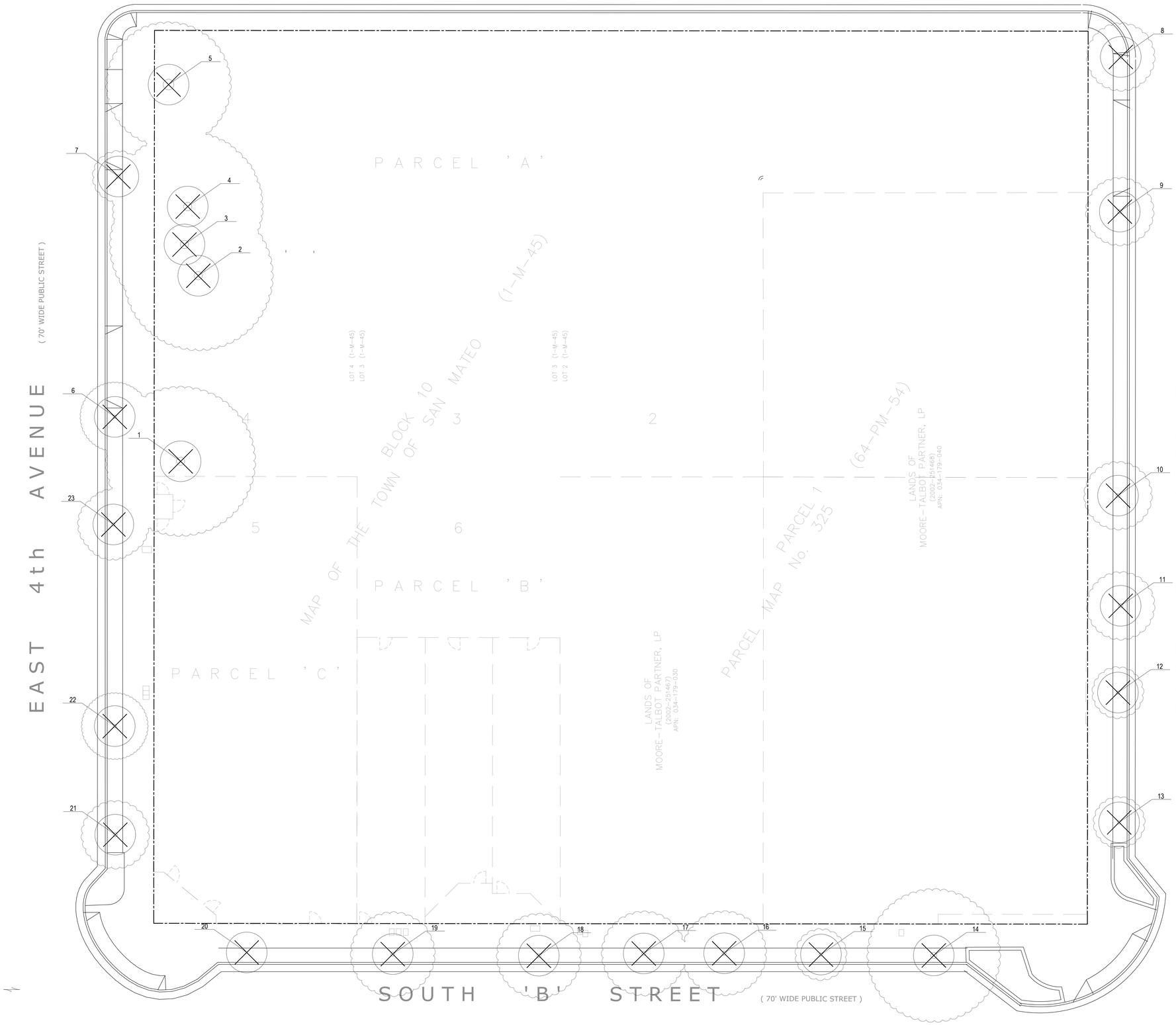
SHEET NAME:
TREE PLANTING FORM

SHEET NUMBER:
L.0.4

plot date:



PROPERTY LINE

XXXX

TREE TO BE REMOVED
XXXX= TREE I.D. NUMBER PER SURVEY

NOTES

1. REFER TO L.0.2 ARBORIST REPORT FOR TREE INVENTORY TABLE.

0 5 10 20 FT
1" = 10' - 0"

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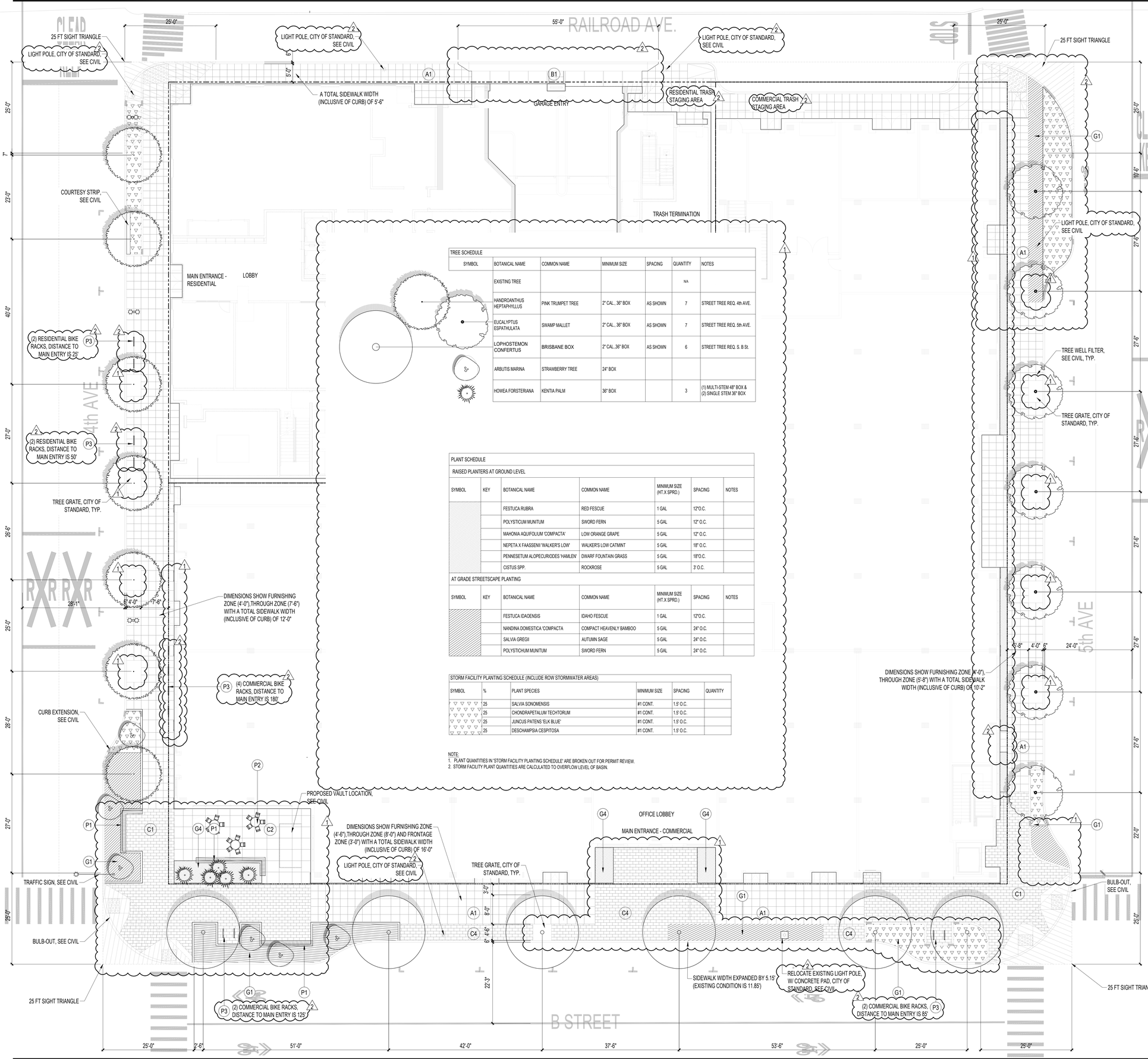
2

SHEET NAME:
TREE DISPOSITION PLAN

SHEET NUMBER:
L.0.5



TREE SCHEDULE						
SYMBOL	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE	SPACING	QUANTITY	NOTES
	EXISTING TREE				N/A	
	HANDROANTHUS HEPTAPHYLLUS	PINK TRUMPET TREE	2" CAL., 36" BOX	AS SHOWN	7	STREET TREE REQ. 4th AVE.
	EUCALYPTUS ESPATHULATA	SWAMP MALLET	2" CAL., 36" BOX	AS SHOWN	7	STREET TREE REQ. 5th AVE.
	LOPHOSTEMON CONFERTUS	BRISBANE BOX	2" CAL.,36" BOX	AS SHOWN	6	STREET TREE REQ. S. B St.
	ARBUTIS MARINA	STRAWBERRY TREE	24" BOX			
	HOWEA FORSTERIANA	KENTIA PALM	36" BOX		3	(1) MULTI-STEM 48" BOX & (2) SINGLE STEM 36" BOX

PLANT SCHEDULE						
RAISED PLANTERS AT GROUND LEVEL						
SYMBOL	KEY	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE (HT.X SPRD.)	SPACING	NOTES
		FESTUCA RUBRA	RED FESCUE	1 GAL	12"O.C.	
		POLYSTICUM MUNITUM	SWORD FERN	5 GAL	12" O.C.	
		MAHONIA AQUIFOLIUM 'COMPACTA'	LOW ORANGE GRAPE	5 GAL	12" O.C.	
		NEPETA X FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	5 GAL	18" O.C.	
		PENNESETUM ALOPECURIODES 'HAMLEN'	DWARF FOUNTAIN GRASS	5 GAL	18'O.C.	
		CISTUS SPP.	ROCKROSE	5 GAL	3' O.C.	
AT GRADE STREETSCAPE PLANTING						
SYMBOL	KEY	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE (HT.X SPRD.)	SPACING	NOTES
		FESTUCA IDAOENSIS	IDAHO FESCUE	1 GAL	12"O.C.	
		NANDINA DOMESTICA 'COMPACTA	COMPACT HEAVENLY BAMBOO	5 GAL	24" O.C.	
		SALVIA GREGII	AUTUMN SAGE	5 GAL	24" O.C.	
		POLYSTICHUM MUNITUM	SWORD FERN	5 GAL	24" O.C.	

STORM FACILITY PLANTING SCHEDULE (INCLUDE ROW STORMWATER AREAS)					
SYMBOL	%	PLANT SPECIES	MINIMUM SIZE	SPACING	QUANTITY
	25	SALVIA SONOMENSIS	#1 CONT.	1.5' O.C.	
	25	CHONDRAPETALUM TECHTORUM	#1 CONT.	1.5' O.C.	
	25	JUNCUS PATENS 'ELK BLUE'	#1 CONT.	1.5' O.C.	
	25	DESCHAMPSIA CESPITOSA	#1 CONT.	1.5' O.C.	

NOTE:
1. PLANT QUANTITIES IN 'STORM FACILITY PLANTING SCHEDULE' ARE BROKEN OUT FOR PERMIT REVIEW.
2. STORM FACILITY PLANT QUANTITIES ARE CALCULATED TO OVERFLOW LEVEL OF BASIN.

MATERIALS SCHEDULE

PAVEMENTS

- A1 CONCRETE PAVING, CITY OF STANDARD
- B1 VEHICULAR CONCRETE, SEE CIVIL
- C1 BRICK PAVING, CITY OF STANDARD
- C2 CIP CONCRETE (NATURAL, BROOM FINISH)
- C3 NOT USED
- C4 PERMEABLE PAVERS (FURNISHING ZONE ON B)
- C5 NOT USED
- C5 NOT USED

PLANTER, CURBS

- G1 AT GRADE PLANTING AREA
- G2 NOT USED
- G3 NOT USED
- G4 RAISED PLANTING AREA
- H1 NOT USED

SITE FURNISHINGS, PARKING

- P1 BENCH
- P2 MOVEABLE FURNITURE (TBD BY TENANT)
- P3 BIKE RACK(20 SPACES)
  - 3'X 6' CLEARANCE ZONE
  - CITY OF STANDARD
- P4 NOT USED

PROPERTY LINE

PROPOSED SHORT TERM BIKE - RESIDENTIAL	8
PROPOSED SHORT TERM BIKE - COMMERCIAL	16

NOTE:
1. DECORATIVE BRICK IN THE PROW SHALL MATCH CITY STANDARDS.
2. FINAL PLANTING PLAN WILL RESPOND TO THE SHADE AND SUN EXPOSURES AS DETERMINED BY A FUTURE ARCHITECTURAL SOLAR STUDY.
3. SEE CIVIL FOR STREET PARKING INFORMATION.
4. TREE GRATES TO BE USED FOR TREES IN THE PUBLIC R.O.W. FOR NON-STORMWATER TREATMENT TREE AREAS. IMPLEMENT ROOT BARRIERS IF THEY DO NOT CONFLICT WITH STORMWATER TREATMENT IN THE PUBLIC R.O.W.
5. OPEN SPACE CALCULATION: SEE STATE DENSITY BONUS LETTER.
6. THE EXISTING BENCH ON B STREET & 5TH AVENUE IS REMOVED IN ORDER TO COMPLY WITH THE PROPOSED SIDEWALK, BULB-OUT AND A WIDENING OF THROUGH ZONE (SEE CIVIL). THE PROPOSED SIDEWALK IS IN COMPLIANCE WITH THE CITY'S PEDESTRIAN MASTER PLAN A.10. SIDEWALK STANDARDS

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LANDSCAPE PLAN, GROUND LEVEL

SHEET NUMBER:
L.1.0

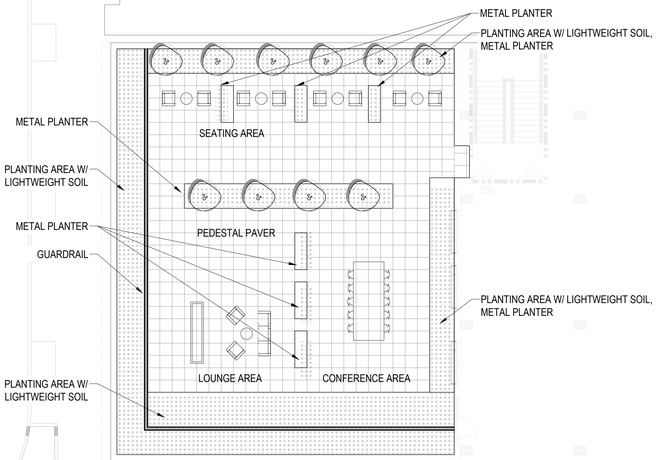
Plot date:

RAILROAD AVE.

CLEAR KEEP

TREE SCHEDULE						
LARGE SHRUB (UPPER TERRACES)						
	ARBUTIS MARINA	STRAWBERRY TREE	15 GALLON			

RAISED PLANTERS AT UPPER TERRACES						
SYMBOL	KEY	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE (HT.X SPRD.)	SPACING	NOTES
		POLYSTICHUM MUNITUM	SWORD FERN	#3	36" O.C.	
		SALVIA GREGGI	AUTUMN SAGE	#3	18" O.C.	
		BOUTELOUA GRACILIS	BLUE GRAMA GRASS	#3	18" O.C.	
		SESLERIA AUTUMNALIS	AUTUMN MOOR GRASS	#3	18" O.C.	
		ARMERIA MARITIMA 'ALBA'	'ALBA' SEA THRIFT	#3	6" O.C.	
		ROSMARINUS OFFICINALIS	TRAILING ROSEMARY			



0 5 10 20 FT
1" = 10' - 0"

4th AVE

5th AVE

B STREET

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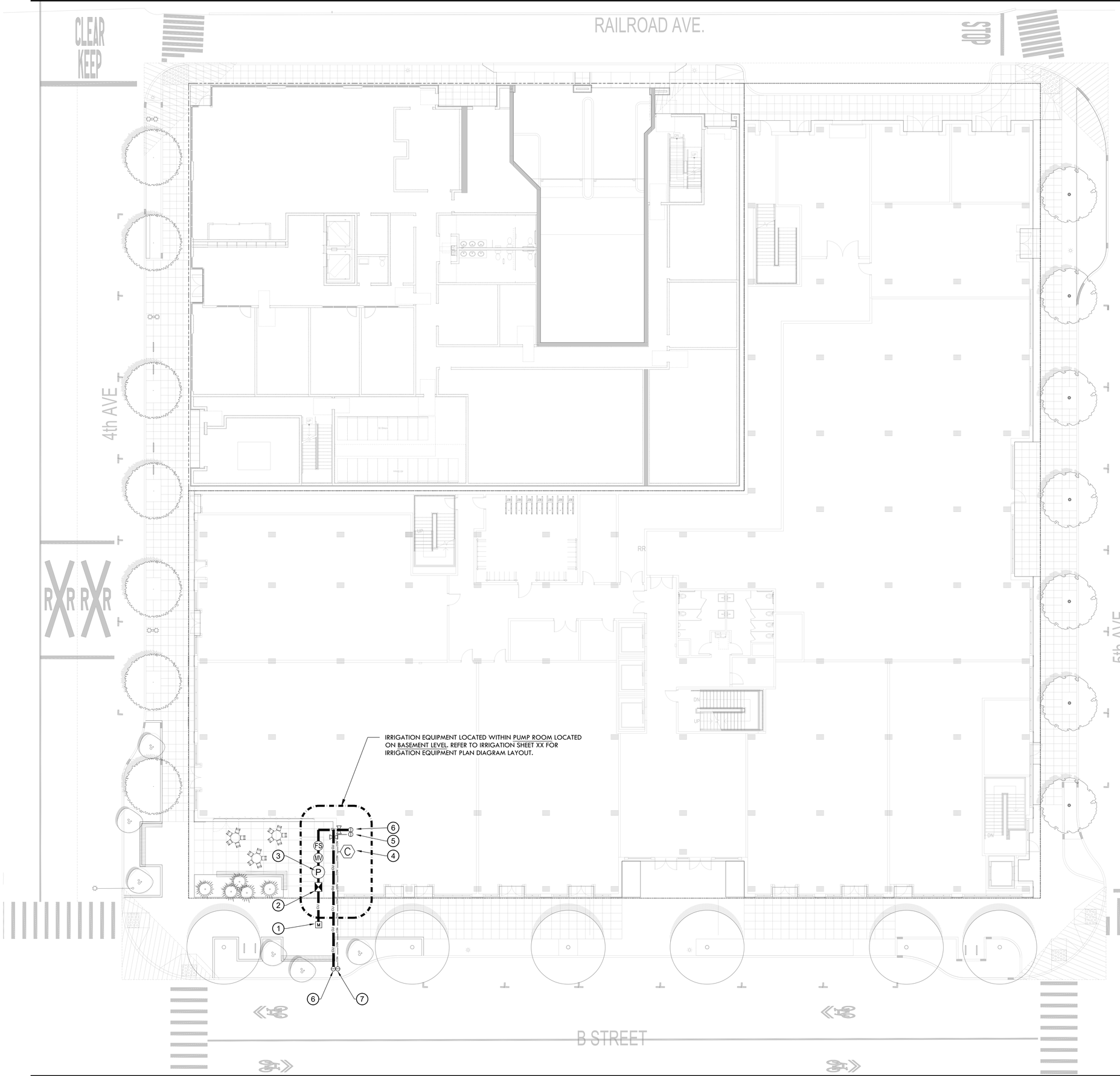
LANDSCAPE PLAN, 6TH LEVEL

SHEET NUMBER:
L.1.1

plot date :



PLAN NOTES LEGEND

1. 1" METER FOR IRRIGATION AT THIS APPROXIMATE LOCATION. REFER TO CIVIL DRAWINGS FOR EXACT LOCATION OF METER. MAXIMUM IRRIGATION DEMAND: 13 GPM AT APPROXIMATELY XX PSI STATIC PRESSURE AT WATER METER LOCATION.
2. 1" BACKFLOW PREVENTER FOR IRRIGATION SYSTEM.
3. APPROXIMATE LOCATION OF IRRIGATION BOOSTER PUMP BY OTHERS. PRESSURE ON DISCHARGE SIDE OF BOOSTER PUMP SHALL BE 55 PSI.
4. IRRIGATION CONTROLLER "C". MOUNT ON INTERIOR WALL AT THIS LOCATION AS DETAILED AND AS DIRECTED BY ARCHITECT. CONNECT TO 120 VOLT A.C. ELECTRICAL SERVICE INSTALLED AT THIS LOCATION UNDER ELECTRICAL CONTRACT. IRRIGATION CONTRACTOR SHALL COORDINATE LOCATION OF ELECTRICAL SERVICE PRIOR TO CONSTRUCTION.
5. 1" ELECTRICAL CONDUIT AND SPLICE BOX FOR IRRIGATION 2-WIRE CABLE TO BE PROVIDED AND INSTALLED FROM IRRIGATION CONTROLLER "C" TO THIS APPROXIMATE LOCATION UNDER ELECTRICAL CONTRACT TO SERVICE LEVEL 6 PLANTERS. COORDINATE INSTALLATION OF CONDUIT WITH GENERAL/ELECTRICAL CONTRACTOR(S) PRIOR TO CONSTRUCTION.
6. 1.25" COPPER PIPE STUB-OUT FOR IRRIGATION FROM MECHANICAL ROOM TO THIS APPROXIMATE LOCATION TO SERVICE SITE LEVEL PLANTERS TO BE PROVIDED AND INSTALLED UNDER PLUMBING CONTRACT . COORDINATE INSTALLATION OF PIPES WITH GENERAL/PLUMBING CONTRACTOR(S) PRIOR TO CONSTRUCTION .
7. 1.25" COPPER PIPE STUB-OUT FOR IRRIGATION FROM MECHANICAL ROOM TO THIS APPROXIMATE LOCATION TO SERVICE SITE LEVEL PLANTERS TO BE PROVIDED AND INSTALLED UNDER PLUMBING CONTRACT . COORDINATE INSTALLATION OF PIPES WITH GENERAL/PLUMBING CONTRACTOR(S) PRIOR TO CONSTRUCTION .
8. 1" ELECTRICAL CONDUIT AND SPLICE BOX FOR IRRIGATION 2-WIRE CABLE TO BE PROVIDED AND INSTALLED FROM IRRIGATION CONTROLLER "C" TO THIS APPROXIMATE LOCATION UNDER ELECTRICAL CONTRACT TO SERVICE SITE LEVEL PLANTERS. COORDINATE INSTALLATION OF CONDUIT WITH GENERAL/ELECTRICAL CONTRACTOR(S) PRIOR TO CONSTRUCTION.

NOTES:

1. ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
2. IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
3. UNSIZED LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
4. SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM
1.25"	13-20 GPM

5. SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT

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IRRIGATION PLAN, GROUND LEVEL

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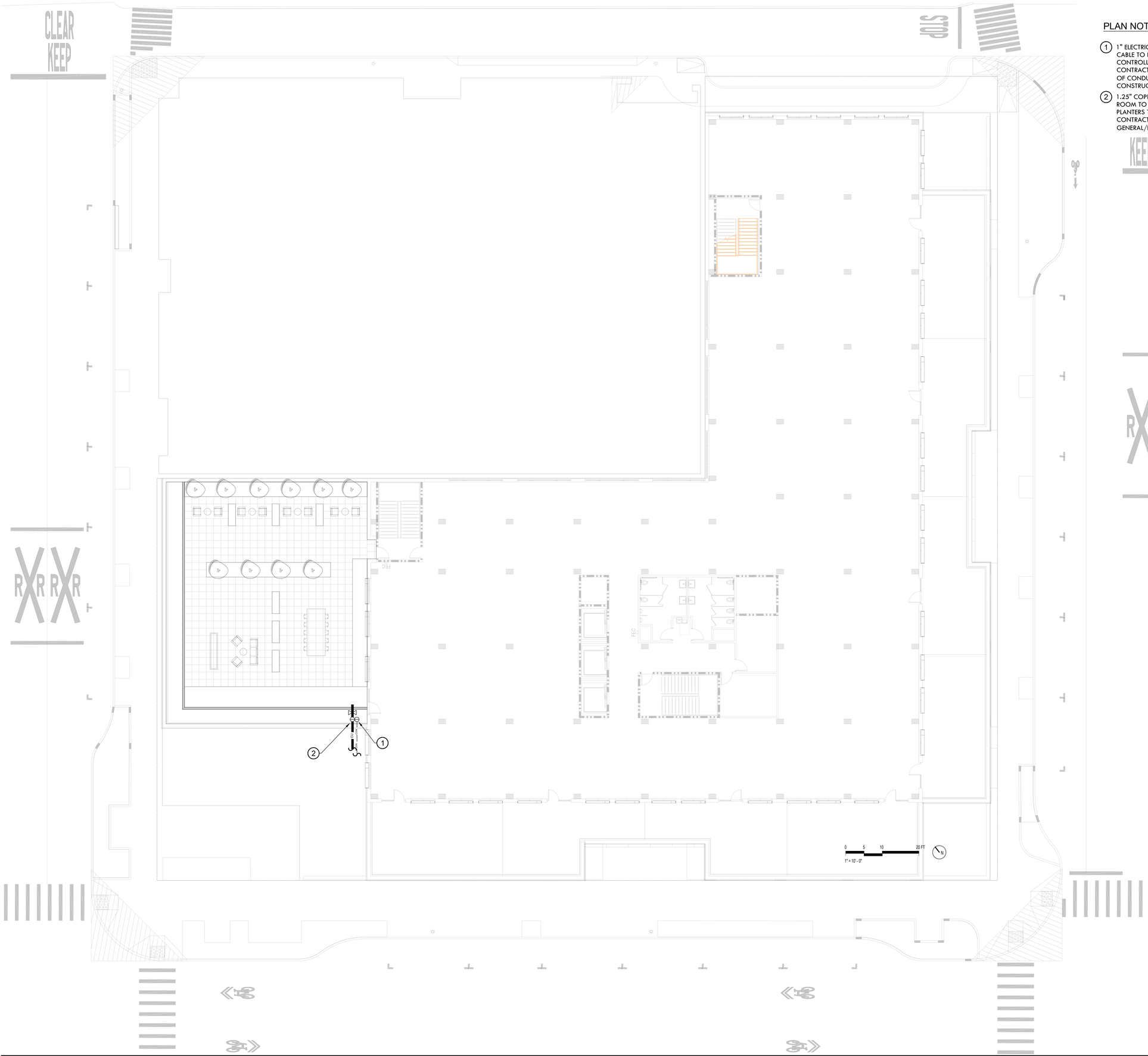
L.2.0



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IRRIGATION NOTES

1. THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC CLARITY ONLY AND ARE TO BE INSTALLED WITHIN PLANTING AREAS. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, CONDUIT, AND OTHER ITEMS WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISHED CONDITION AFFECTING THE CONTRACT WORK INCLUDING OBSTRUCTIONS, GRADE DIFFERENCES OR AREA DIMENSIONAL DIFFERENCES. IN THE EVENT OF FIELD DISCREPANCY WITH CONTRACT DOCUMENTS, PLAN THE INSTALLATION WORK ACCORDINGLY BY NOTIFICATION AND APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND ACCORDING TO THE CONTRACT SPECIFICATIONS. NOTIFY AND COORDINATE IRRIGATION CONTRACT WORK WITH APPLICABLE CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT OR SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING AND STRUCTURES BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS.
2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRIC CODE; THE UNIFORM PLUMBING CODE, PUBLISHED BY THE WESTERN PLUMBING OFFICIALS ASSOCIATION; AND OTHER STATE OR LOCAL LAWS OR REGULATIONS. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR REGULATIONS. THE CONTRACTOR SHALL FURNISH WITHOUT ANY EXTRA CHARGE, ANY ADDITIONAL MATERIAL AND LABOR WHEN REQUIRED BY THE COMPLIANCE WITH THESE CODES AND REGULATIONS.
3. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH LAYOUT AND INSTALLATION OF THE PLANT MATERIALS TO INSURE THAT THERE WILL BE COMPLETE AND UNIFORM IRRIGATION COVERAGE OF PLANTING IN ACCORDANCE WITH THESE DRAWINGS, AND CONTRACT DOCUMENTS. THE IRRIGATION LAYOUT SHALL BE CHECKED BY THE CONTRACTOR AND OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO CONSTRUCTION TO DETERMINE IF ANY CHANGES, DELETIONS, OR ADDITIONS ARE REQUIRED. IRRIGATION SYSTEM SHALL BE INSTALLED AND TESTED PRIOR TO INSTALLATION OF PLANT MATERIAL.
4. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH.
5. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR AND/OR OWNER TO PROGRAM THE IRRIGATION CONTROLLER(S) TO PROVIDE THE MINIMUM AMOUNT OF WATER NEEDED TO SUSTAIN GOOD PLANT HEALTH. THIS INCLUDES MAKING ADJUSTMENTS TO THE PROGRAM FOR SEASONAL WEATHER CHANGES, PLANT MATERIAL, WATER REQUIREMENTS, MOUNDS, SLOPES, SUN, SHADE AND WIND EXPOSURE.
6. IT IS THE RESPONSIBILITY OF A LICENSED ELECTRICAL CONTRACTOR TO PROVIDE 120 VOLT A.C. (2.5 AMP DEMAND PER CONTROLLER) ELECTRICAL SERVICE TO THE CONTROLLER LOCATION(S). IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO COORDINATE THE ELECTRICAL SERVICE STUB-OUT TO THE CONTROLLER(S). PROVIDE PROPER GROUNDING PER CONTROLLER MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH LOCAL CODES.
7. INSTALL NEW BATTERIES IN THE IRRIGATION CONTROLLER(S) TO RETAIN PROGRAM IN MEMORY DURING TEMPORARY POWER FAILURES. USE QUANTITY, TYPE AND SIZE REQUIRED AS PER CONTROLLER MANUFACTURER'S INSTRUCTIONS.
8. SCHEDULE A MEETING WHICH INCLUDES REPRESENTATIVES OF THE IRRIGATION CONTROLLER MANUFACTURER, THE MAINTENANCE CONTRACTOR, THE OWNER AND THE IRRIGATION CONTRACTOR AT THE SITE FOR INSTRUCTION ON THE PROPER PROGRAMMING AND OPERATION OF THE IRRIGATION CONTROLLER.
9. INSTALL 3" DETECTABLE TAPE ABOVE ALL PRESSURIZED MAIN LINES AS DETAILED. USE CHRISTY MODEL #TA-DT-3-BIRR FOR POTABLE IRRIGATION SYSTEMS.
10. INSTALL 2-WIRE CABLE ALONG THE MAIN LINE. CONTACT CONTROLLER REPRESENTATIVE FOR A PRE-CONSTRUCTION MEETING.
11. INSTALL 2-WIRE CABLE WITHIN 1.25" CONDUIT WITH LONG SWEEPS IN AND OUT OF EACH VALVE BOX. SEAL ALL CONDUIT OPENINGS WITH WATERPROOF FOAM.
12. INSTALL A 14"X19" GREY ELECTRICAL PULL BOX EVERY 200' AND AT EVERY CHANGE IN DIRECTION. ONLY SPLICE TWO WIRE CABLE AT THREE WAY WIRE CONNECTIONS.
13. IRRIGATION CONTROL WIRES: SOLID COPPER WITH U.L. APPROVAL FOR DIRECT BURIAL IN GROUND. SIZE #14AWG WIRE WITH A JACKETED 2-CONDUCTOR. PREFERRED WIRE MAKE AND MODEL IS TW-CAB-14. ALL SPLICING SHALL BE MADE WITH 3-M DBR/Y-6 WATERPROOF SPLICE KIT.
14. DECODER GROUNDING SHALL BE PROVIDED EVERY 600 FEET, AT THE CONTROLLER AND AT THE LAST DECODER OR AT THE END OF THE 2 WIRE PATH. GROUND WITH A 5/8" X 8' COPPER CLAD GROUNDING ROD. #6 COPPER WIRE TO SURGE DEVICE/DECODER. INCLUDE A SURGE ARRESTOR AT EACH GROUNDING LOCATION. A SPLIT BOLT CONNECTION TO BE USED TO CONNECT THE SURGE DEVICE TO THE GROUND WIRE WITH A DBR/Y-6 WATERPROOF CONNECTOR.
15. SPLICING OF JACKETED 2-WIRE IS PERMITTED IN VALVE BOXES ONLY. LEAVE A 24" LONG COIL OF WIRE AT EACH SPLICE AND A 24" LONG EXPANSION LOOP IN ALL PULL BOXES.
16. INSTALL BLACK PLASTIC VALVE BOXES WITH BOLT DOWN, NON HINGED COVER MARKED "IRRIGATION CONTROL VALVE". BOX BODY SHALL HAVE KNOCK OUTS. ACCEPTABLE VALVE BOX MANUFACTURER'S INCLUDE NDS, CARSON OR APPROVED EQUAL.
17. INSTALL REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, BUILDING OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, INSTALL EACH BOX AN EQUAL DISTANCE FROM THE WALK, CURB, BUILDING OR LANDSCAPE FEATURE AND PROVIDE 12" BETWEEN BOX TOPS. ALIGN THE SHORT SIDE OF RECTANGULAR VALVE BOXES PARALLEL TO WALK, CURB, BUILDING OR LANDSCAPE FEATURE.
18. VALVE LOCATIONS SHOWN ARE DIAGRAMMATIC. INSTALL IN GROUND COVER/SHRUB AREAS (AVOID LAWN AREAS WHERE POSSIBLE).
19. THE CONTRACTOR SHALL LABEL CONTROL LINE WIRE AT EACH REMOTE CONTROL VALVE WITH A 2 1/4" X 2 3/4" POLYURETHANE I.D. TAG, INDICATING IDENTIFICATION NUMBER OF VALVE (CONTROLLER AND STATION NUMBER). ATTACH LABEL TO CONTROL WIRE. THE CONTRACTOR SHALL PERMANENTLY STAMP ALL VALVE BOX LIDS WITH APPROPRIATE IDENTIFICATION AS NOTED IN CONSTRUCTION DETAILS.
20. FLUSH AND ADJUST IRRIGATION OUTLETS AND NOZZLES FOR OPTIMUM PERFORMANCE AND TO PREVENT OVER SPRAY ONTO WALKS, ROADWAYS, AND/OR BUILDINGS. SELECT THE BEST DEGREE OF THE ARC AND RADIUS TO FIT THE EXISTING SITE CONDITIONS AND THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH CONTROL ZONE.
21. SET SPRINKLER HEADS PERPENDICULAR TO FINISH GRADE.
22. LOCATE BUBBLERS ON UPHILL SIDE OF PLANT OR TREE.
23. INSTALL A HUNTER HCV SERIES, KBI CV SERIES, OR APPROVED EQUAL SPRING LOADED CHECK VALVE IN SPRINKLER RISER ASSEMBLIES WHERE LOW OUTLET DRAINAGE WILL CAUSE EROSION AND/OR EXCESS WATER.
24. WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, USE CAUTION TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATE BY HAND IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR. BACK FILL TRENCHES ADJACENT TO TREE WITHIN TWENTY-FOUR (24) HOURS. WHERE THIS IS NOT POSSIBLE, SHADE THE SIDE OF THE TRENCH ADJACENT TO THE TREE WITH WET BURLAP OR CANVAS.
25. NOTIFY LOCAL JURISDICTIONS FOR INSPECTION AND TESTING OF INSTALLED BACKFLOW PREVENTION DEVICE.
26. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE.
27. IRRIGATION DEMAND: REFER TO PLANS.
28. THE EXISTING MAIN LINE SHOWN ON THE DRAWINGS IS DIAGRAMMATIC. VERIFY AND LOCATE EXISTING MAIN LINE IN FIELD. REPORT TO ARCHITECT IN WRITING ANY DEVIATION OF EXISTING MAIN LINE LOCATION FROM THAT SHOWN ON THE DRAWINGS.
29. PIPE SIZING SHOWN ON THE DRAWINGS IS TYPICAL. AS CHANGES IN LAYOUT OCCUR DURING STAKING AND CONSTRUCTION THE SIZE MAY NEED TO BE ADJUSTED ACCORDINGLY.
30. PIPE THREAD SEALANT COMPOUND SHALL BE RECTOR SEAL #5.
31. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR CHANGES IN THE IRRIGATION LAYOUT DUE TO OBSTRUCTIONS NOT SHOWN ON THE IRRIGATION DRAWINGS SUCH AS LIGHTS, FIRE HYDRANTS, SIGNS, ELECTRICAL ENCLOSURES, ETC.
32. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CHANGES IN THE IRRIGATION LAYOUT AND VALVE ZONING DUE TO VARIATIONS IN THE EXISTING SITE CONDITIONS SUCH AS EXPOSURE FROM BUILDINGS, TRELLISES, TREES, ETC., AS WELL AS SLOPE AND SOIL CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT OF THE PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.
33. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING THE IRRIGATION SYSTEM DESIGN IF THE PLANTING DESIGN CHANGES FROM THE ORIGINAL PLAN AND NEEDS TO ADAPT TO THE NEW PLANTING DESIGN. THE LANDSCAPE CONTRACTOR NEEDS TO NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT OF PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.
34. WHEN WORK OF THIS SECTION HAS BEEN COMPLETED AND SUCH OTHER TIMES AS MAY BE DIRECTED, REMOVE ALL TRASH, DEBRIS, SURPLUS MATERIALS AND EQUIPMENT FROM SITE.
35. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLEMENTAL HAND WATERING OF ALL PLANT MATERIAL WITHIN DRIPLINE AREAS UNTIL THE PLANTS ARE SUFFICIENTLY ESTABLISHED.
36. VERIFY LOCATIONS OF ALL IRRIGATION COMPONENTS INSTALLED WITHIN A VALVE BOX WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. DO NOT INSTALL UNTIL LANDSCAPE ARCHITECT PROVIDES ACCEPTABLE LOCATIONS.

IRRIGATION COORDINATION NOTES

1. PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL ALL PIPING WITHIN THE STRUCTURE. PIPE MATERIAL SHALL BE APPROVED FOR USE WITHIN A STRUCTURE PER PLUMBING CODE. REFER TO MEP OR PLUMBING DRAWING FOR EXACT ROUTING THOUGH THE STRUCTURE. REFER TO IRRIGATION PLANS FOR APPROXIMATE LOCATION OF STUB OUT LOCATIONS. EXIT OF PIPE TO BE WITHIN PLANTERS WHERE POSSIBLE. ALL PENETRATION POINTS SHALL BE WATERPROOFED AS REQUIRED.
2. IRRIGATION SLEEVES OR CONDUITS WITHIN PRECAST OR POURED IN PLACE PLANTERS SHALL BE COORDINATED AND INSTALLED PRIOR TO THE CONSTRUCTION. ALL PENETRATION POINTS SHALL BE WATERPROOFED AS REQUIRED.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT, PULL BOXES AND WIRE IN STRUCTURE. THE DRAWINGS INDICATE REQUIRED CONDUIT SIZE AND TYPE OF LOW VOLTAGE CABLE. FINAL CONNECTION OR WIRING TO REMOTE CONTROL VALVES AND CONTROLLER SHALL BE COMPLETED BY IRRIGATION CONTRACTOR.

IRRIGATION WATER USE CALCULATIONS

4th and Railroad Commercial - WATER USE ESTIMATION

WATER TYPE	POTABLE
SITE ETo=	42.7

REGULAR LANDSCAPE AREAS

HYDROZONE #	HYDROZONE NAME	PLANT WATER USE TYPE	PLANT FACTOR (PF)	IRRIGATION METHOD	IRRIGATION EFFICIENCY	ETAF (PF/IE)	AREA (SQ. FT) (HA)	ETAF X AREA (HA)	ETWU (GAL/YR)	ACRE FEET/ YEAR	HCF/ YEAR	PERCENTAGE OF LANDSCAPE
1	SHRUBS/GC	LOW	0.2	DRIP	0.81	0.247	913	225	5,968	0.02	7.98	20%
2	RAISED PLANTERS STREET	LOW	0.2	DRIP	0.81	0.247	205	51	1,340	0.00	1.79	4%
3	RAISED PLANTERS LEVELS	LOW	0.2	DRIP	0.81	0.247	1,068	264	6,981	0.02	9.33	23%
4	BIORETENTION	LOW	0.2	DRIP	0.81	0.247	826	204	5,399	0.02	7.22	18%
5	TREES	MOD	0.5	BUBBLER	0.81	0.617	1,600	988	26,147	0.08	34.96	35%
					TOTALS		4,612	1,731	45,836	0.14	61.28	100%

SPECIAL LANDSCAPE AREAS

HYDROZONE #	HYDROZONE NAME											
-						1						0%
					TOTALS	0						0%

MAWA	GALLONS/YR	54,944
	ACRE FEET/YR	0.17
	HCF/YR	73.45
ETWU	GALLONS/YR	45,836
	ACRE FEET/YR	0.14
	HCF/YR	61.28

SITE IRRIGATION EFFICIENCY	SITE PLANT FACTOR	MAWA COMPLIANT
58.6%	0.25	YES

ETAF Calculations	
REGULAR LANDSCAPE AREAS	
TOTAL ETAF x AREA	1,731
TOTAL AREA	4,612
AVG. ETAF	37.54%

MAWA FORMULA	ETWU FORMULA
MAXIMUM APPLIED WATER ALLOWANCE (MAWA) GALLONS PER YEAR	ESTIMATED TOTAL WATER USE (ETWU) GALLONS PER YEAR
MAWA = (ETo)(0.62)((LA x 0.45) + (0.55 x SLA))	ETWU= ((ETO)(.62)(ETAF x LA))
ETo = REFERENCE EVAPOTRANSPIRATION	ETo = REFERENCE EVAPOTRANSPIRATION
0.55= ET ADJUSTMENT FACTOR	PF = PLANT FACTOR FOR HYDROZONES
LA=LANDSCAPED AREA (SQUARE FEET)	HA = HYDROZONE AREA (SQ.FT)
0.62 = CONVERSION FACTOR (GALLONS/SQ.FT/YR)	0.62 = CONVERSION FACTOR (GALLONS/SQ.FT/YR)
	IE = IRRIGATION EFFICIENCY (0.81)-BUBBLER/DRIP
	IE = IRRIGATION EFFICIENCY (0.75)-ROTORS/SPRAY

IRRIGATION DESIGN NARRATIVE

THE PROPOSED IRRIGATION SYSTEM FOR THIS SITE WILL BE DESIGNED WITH THE LATEST TECHNOLOGY IN WATER CONSERVATION AND EFFICIENCY. THE SYSTEM WILL CONSIST OF THE FOLLOWING TYPES OF IRRIGATION METHODS AND EQUIPMENT COMPLYING WITH THE STATE WATER ORDINANCE. ALL SMALL PLANTING BEDS WILL BE IRRIGATED WITH WATER CONSERVING AND HIGHLY EFFICIENT INLINE DRIP. ALL BIORETENTION WILL BE IRRIGATED WITH INLINE DRIP SPACED AT 12" O.C. SINCE BIORETENTION AREAS ARE LESS THAN 10 FT WIDE. THE CONTROLLER THAT WILL MANAGE THIS SYSTEM USES LOCAL WEATHER TO ADJUST THE RUN TIMES OF THE VALVES BASED ON DAILY WEATHER CONDITIONS. UTILIZING THIS TYPE OF WEATHER-BASED SYSTEM WILL HELP THE LANDSCAPE MANAGER SAVE 25% MORE WATER THAN WITH A CONVENTIONAL CONTROLLER.

IRRIGATION ZONES

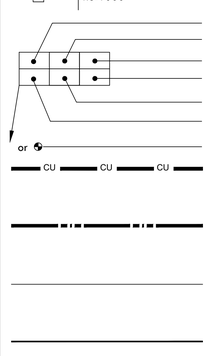
1. LOW AND MODERATE WATER-USE SHRUBS/GROUNDCOVER/FLOWERING PLANTS: TO BE IRRIGATED WITH INLINE DRIP
2. LARGE SHRUBS AND TREES: TO BE IRRIGATED USING POINT SOURCE BUBBLERS.
3. STORMWATER TREATMENT: TO BE IRRIGATED WITH INLINE DRIP SPACED AT 12" O.C.

I HAVE COMPLIED WITH THE CRITERIA OF THE WATER CONSERVATION IN LANDSCAPING ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE AND IRRIGATION DESIGN PLANS.

Chris Mitchell

IRRIGATION LEGEND

SYMBOL	MODEL NUMBER	DESCRIPTION	NOZZLE GPM	OPERATING PSI	OPERATING RADIUS (FEET)
◯	570Z-12P-XF-COM/ MP1000-360-HT	TORO POP-UP SPRAY SPRINKLER WITH MP ROTATOR NOZZLE (GRASSES)	0.75	40	12-14
◡ ◡	570Z-12P-XF-COM/ MP1000-90-HT	TORO POP-UP SPRAY SPRINKLER WITH MP ROTATOR NOZZLE (GRASSES)	0.37,0.19	40	12-14
◯	570Z-12P-PRX-COM/ MP1000-360-HT	TORO POP-UP SPRAY SPRINKLER WITH HUNTER MP ROTATOR NOZZLE (GRASSES)	0.65	30	10-12
◡ ◡	570Z-12P-PRX-COM/ MP1000-90-HT	TORO POP-UP SPRAY SPRINKLER WITH HUNTER MP ROTATOR NOZZLE (GRASSES)	0.32,0.16	30	10-12
◯	DB-15-PC-CV	TORO BUBBLER, 1 PER SHRUB	0.25	30	TRICKLE
■	DB-15-PC-CV	TORO BUBBLER, MIN. 2 PER TREE. REFER TO BUBBLER DETAIL FOR QUANTITY OF BUBBLERS PER TREE SIZE.	0.25	30	TRICKLE
●▸	T-YD-500-34	TORO DRIPLINE AIR RELIEF VALVE			
●+	WLT-0500-T	NDS SCH 40 BALL VALVE OR APPROVED EQUAL			
▣	570-DRIP-IND	TORO POP-UP DRIPLINE INDICATOR WITH SIDE INLET.			
◔	P-220-26 SERIES	TORO REMOTE CONTROL VALVE			
▪	DZK-700-MF	TORO DRIP ZONE KIT WITH IRRITROL 700 SERIES REMOTE CONTROL VALVE, PRESSURE REGULATOR (40 PSI) AND A 1" FILTER			
+▪	220-27-04/ T-ALFS10150-S	TORO BRASS REMOTE CONTROL VALVE WITH PRESSURE REGULATOR (40 PSI) AND A 1" SCREEN FILTER			
CV	KC OR KSC	NDS KSC SERIES CHECK VALVE FOR UPHILL FLOW DIRECTION OR KC SERIES SPRING CHECK VALVE FOR DOWNHILL FLOW DIRECTION (LINE SIZE)			
⋈	T113-K SERIES	NIBCO BRASS GATE VALVE (LINE SIZE)			
◂▸	33-DRC	RAIN BIRD 3/4" TWO-PIECE QUICK COUPLING VALVE (YELLOW LOCKING RUBBER COVER)			
⋈	T-FP600A-LF-1"	NIBCO 1" BRASS BALL VALVE			
▣	975XL2SEU-1"	WILKINS REDUCED PRESSURE BACKFLOW ASSEMBLY WITH FREEZE BLANKET.			
MV	3100100	SUPERIOR MASTER VALVE-1" (NORMALLY OPEN)			
FS	QS200-10	FLOMEC 1" PVC FLOW SENSOR			
C	EGP-TW-S/ EGP-ICENTRAL	RAIN MASTER EAGLE PLUS CONTROLLER IN A STAINLESS STEEL PEDESTAL ENCLOSURE; INCLUDES I-CARD, CELL COMMUNICATION KIT AND FIVE YEARS RAIN MASTER I-CENTRAL SERVICE.			
—	TW-D-1	RAIN MASTER SINGLE STATION DECODER (1 PER VALVE)			
—	TW-D-2	RAIN MASTER TWO STATION DECODER (USE WHEN MORE THAN 1 OR MORE VALVES ARE CLUSTERED TOGETHER)			
—	TW-LA-1	RAIN MASTER LIGHTENING ARRESTOR (1 EVERY 600 FEET ALONG MAIN) REFER TO DETAILS FOR INSTALLATION INSTRUCTIONS.			
—	NOT SHOWN ON PLANS	ROUTE RAIN MASTER TWO WIRE CABLE TO ALL REMOTE CONTROL VALVES. SIZE #14AWG WIRE WITH A JACKETED 2-CONDUCTOR. PREFERRED WIRE MAKE AND MODEL IS TW-CAB-14. ALL SPLICING SHALL BE MADE WITH 3-M DBR/Y-6 WATERPROOF SPLICE KITS OR APPROVED EQUAL. INSTALL 2 WIRE CABLE WITHIN 1.25" SCH 40 ELECTRICAL CONDUIT. PULL BOXES SHALL BE LOCATED EVERY 200' NO SPLICES ARE ALLOWED BETWEEN VALVES. REFER TO DETAIL FOR INSTALLATION INSTRUCTIONS.			
R	RS-1000	IRRITROL WIRELESS RAIN SENSOR			



CONTROLLER AND STATION NUMBER

REMOTE CONTROL VALVE SIZE (IN INCHES)

FLOW (GPM)

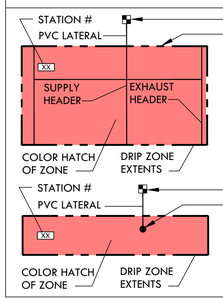
WATER USE CLASSIFICATION OF ZONE

APPLICATION RATE (IN/HR) or DRIPLINE SPACING

AREA (SQ. FT.)

ASSOCIATED REMOTE CONTROL VALVE

MAIN LINE:	1.5" AND SMALLER: TYPE 'K' COPPER PIPE WITH WROUGHT FITTINGS. SHOWN FOR REFERENCE ONLY, SEE PLUMBING PLANS FOR ROUTING THROUGH STRUCTURE.
MAIN LINE:	1.5" AND SMALLER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 18" COVER.
LATERAL LINE:	3/4" AND LARGER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.
DRIPLINE LATERAL LINE:	3/4" AND LARGER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.
SLEEVING:	SCHEDULE 40 PVC PLASTIC PIPE. COVER TO BE AS INDICATED IN SPECIFICATIONS OR AS INDICATED ABOVE FOR PIPE DEPTH OF COVER.
ELECTRICAL CONDUIT:	SHOWN FOR REFERENCE ONLY, SEE ELECTRICAL PLANS FOR ROUTING THROUGH STRUCTURE.



DRIPLINE REMOTE CONTROL VALVE

DRIP ZONE:
TORO DL2000 SERIES DRIPLINE WITH DL2000 INSERT FITTINGS, PART #RGP-212. TUBING TO BE INSTALLED 4" BELOW GRADE IN A 12" O.C. GRID ACCORDING TO DETAILS. SIZE EXHAUST HEADERS AS FOLLOWS: 1"- 0-10 GPM, 1.25"- 11-20 GPM. ALL EXHAUST HEADERS SHALL BE 1" SCH 40 PVC OR 1" SCH 40 FLEXIBLE PVC. USE SCH. 40 PVC SOLVENT WELD FITTINGS. EXTEND PVC HEADERS TO THE ENDS OF ALL DRIP ZONES TO BALANCE FLOW IF REQUIRED. SEE DETAILS FOR FURTHER INFORMATION.

DRIPLINE REMOTE CONTROL VALVE

APPROXIMATE CONNECTION POINT BETWEEN DRIPLINE TUBING AND PVC SUPPLY WHEN DRIP ZONE IS LESS THAN 3 GPM AND NO PVC SUPPLY/EXHUST HEADERS ARE NEEDED. REFER TO DRIPLINE TUBING CONNECTION DETAIL FOR MORE INFORMATION.

RMW
Architecture
Interiors

160 Pine Street
4th Floor
San Francisco
California 94111

Office
415 781-9800

Fax
415 788-5216

rmw.com

PLACE
735 NW 18th Avenue
Portland, OR 97209
503.334.2080
www.place.la

CLIENT:

HARVEST PROPERTIES

PROMETHEUS

PROJECT NAME & ADDRESS:

401-445 S. B STREET

401-445 S. B STREET
SAN MATEO, CA 94401

ISSUE:	PLANNING APPLICATION RESUBMITTAL #2
ISSUE DATE:	01/29/2024

REVISIONS :

	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:

PROJECT NUMBER:	22020017.00
DRAWN BY:	YW
CHECKED BY:	MMc

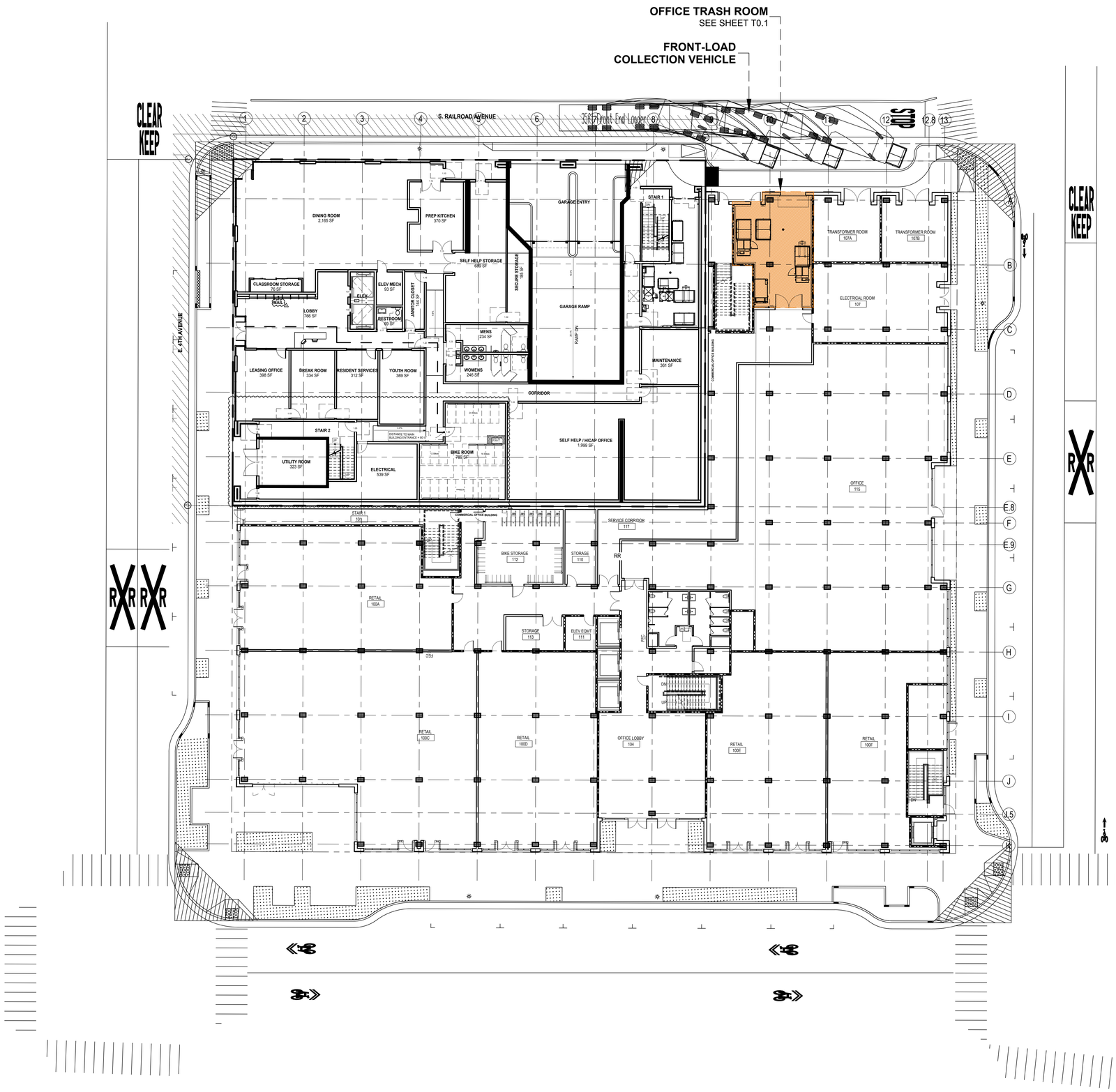
STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
IRRIGATION NOTES AND LEGEND

SHEET NUMBER:
L.2.2

plot date :



TRASH ROUTE / STAGING PLAN

LEVEL 1

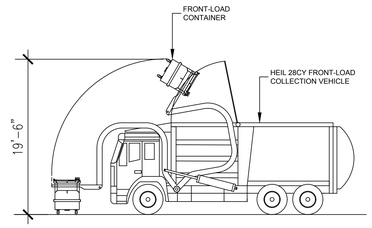
SCALE: NTS

GENERAL NOTES.

1. ANY DESIGNS OR SOLUTIONS SHOWN IN DRAWING, EITHER DIRECT OR IMPLIED, ARE HEREBY CLARIFIED AS EXAMPLES AND SHALL NOT BE CONSIDERED COMPLETE DESIGNS FOR CONSTRUCTION. THESE DRAWINGS ARE INTENDED TO SUPPLEMENT THE SUBMITTAL PACKAGE FROM ARCHITECT.
2. ANY PARTIAL INFORMATION, OMISSIONS, OR INACCURATE DESCRIPTIONS OF WORK SHOWN IN DRAWINGS, WHICH ARE NECESSARY TO PERFORM THE SCOPE OF WORK, SHALL NOT RELIEVE THE CONTRACTOR FROM COMPLETION OF WORK. ALL WORK SHALL BE PERFORMED TO SATISFY THE MINIMUM REQUIREMENTS OF THE CURRENT APPLICABLE BUILDING CODES.
3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO START OF CONSTRUCTION. THE ARCHITECT SHALL BE PROMPTLY NOTIFIED OF ANY INCONSISTENCIES AND/OR DISCREPANCIES.

PROJECTED COLLECTION SCHEDULE: OFFICE TRASH

SERVICE	M	Tu	W	Th	F	Sa	Su
WASTE: 4CY COMP	1		1		1		
RECYCLE: 4CY COMP		2		2		3	
COMPOST: 2CY COMP	1				1		
TOTAL	2	2	1	2	2	3	0



FRONT-LOAD COLLECTION VEHICLE
SHOWN LOADING CONTAINERS

RMW
Architecture
Interiors

30 E Santa Clara St.
Suite 200
San Jose
California 95113

Office
408 294-8000

Fax
408 294-1747

rmw.com

AMERICAN TRASH MANAGEMENT
1900 POWELL STREET, SUITE 220
EMERYVILLE, CALIFORNIA 94608
P: 415.292.5400
F: 415.292.5410
consultingprojects@trashmanage.com

CLIENT:

PROJECT NAME & ADDRESS:

BESPOKE

445 S B STREET
SAN MATEO, CA, 94401

ISSUE: Project Status
ISSUE DATE: Issue Date

REVISIONS :

#	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:

PROJECT NUMBER: 2202017.3
DRAWN BY: BM
CHECKED BY: SB

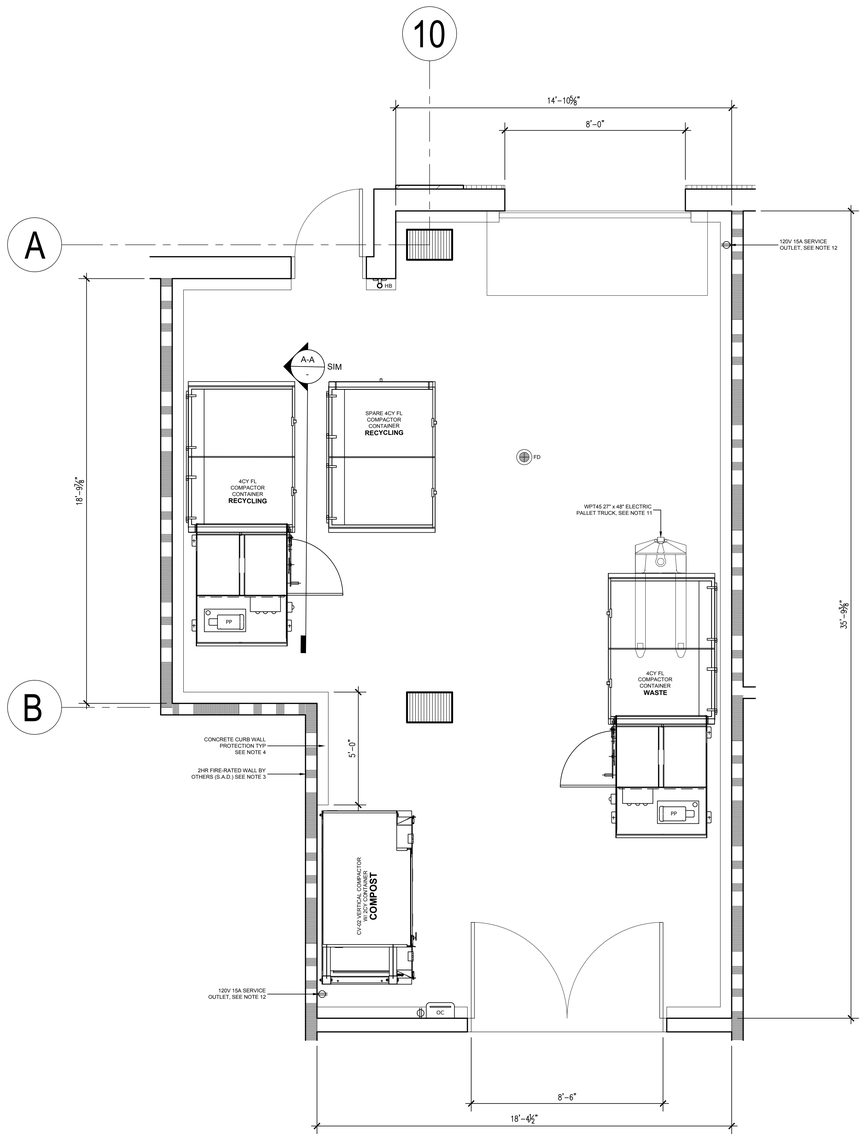
STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
TRASH ROUTE / STAGING PLAN

SHEET NUMBER:
T0.0

plot date:



OFFICE TRASH ROOM PLAN

LEVEL 1

SCALE: 3/8" = 1'-0"

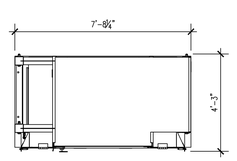
SHEET NOTES:

OFFICE TRASH ROOM. LEVEL 1.

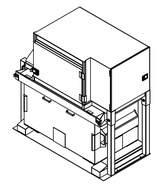
1. TRASH COLLECTION ROOM IS 1HR FIRE-RATED - RESTRICTED ACCESS.
2. FLOOR SHALL BE FINISHED WITH WATERPROOF DECK COATING. FLOOR TO HAVE MINIMAL SLOPE (1° MAX) AND FLOOR DRAIN. FLOOR LEVEL UNDER COMPACTORS.
3. WALLS SHALL BE FINISHED WITH WASHABLE WATERPROOF SURFACE SUCH AS FRP OR HIGH-GLOSS ENAMEL PAINT 8'-0" AFF.
4. WALL PROTECTION: 12"Hx6"W CONCRETE CURB AT BASE OF WALLS PER PLAN.
5. ROOM SHALL BE MECHANICALLY VENTILATED WITH (1) CFM/SF PER 2022 CBC.
6. 8'-0" WIDE ROLL-UP DOOR FOR TRANSFERRING CONTAINERS. INSTALL 3'-0" NFPA COMPLIANT DOOR FOR FIRE EGRESS.
7. APOLLO MODEL A1000 STATIONARY HAND-FED COMPACTORS WITH 4CY FL COMPACTOR CONTAINERS FOR COMBINED WASTE AND RECYCLING. PP: COMPACTOR POWER PACKS SHALL BE COMPACTOR-MOUNTED. 5HP 3-PHASE, 208/230/460V. 30A DISCONNECTS 60" AFF.
8. PROVIDE CV-02 VERTICAL COMPACTOR WITH 2CY FL COMPACTOR CONTAINER FOR COMPOST DISPOSAL. 230V 1PH 50A SERVICE OUTLET REQUIRED.
9. OC: ODOR CONTROL UNIT SHALL BE WALL-MOUNTED 60" AFF. 120V 15A SERVICE OUTLET REQUIRED.
10. HB: HOT AND COLD HOSE BIBB SHALL BE WALL-MOUNTED 60" AFF.
11. PROVIDE WPT45 27" x 48" ELECTRIC PALLET TRUCK FOR TRANSFERRING CONTAINERS. 4500LB CAPACITY WITH 57.5" TURNING RADIUS. 120V 15A SERVICE OUTLETS REQUIRED.
12. PROVIDE (1) UNDEDICATED 120V 15A SERVICE OUTLET REQUIRED FOR STAFF MAINTENANCE PURPOSE.

GENERAL NOTES.

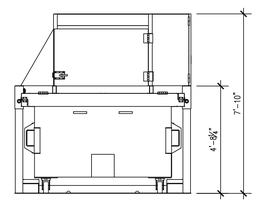
1. ANY DESIGNS OR SOLUTIONS SHOWN IN DRAWING, EITHER DIRECT OR IMPLIED, ARE HEREBY CLARIFIED AS EXAMPLES AND SHALL NOT BE CONSIDERED COMPLETE DESIGNS FOR CONSTRUCTION. THESE DRAWINGS ARE INTENDED TO SUPPLEMENT THE SUBMITTAL PACKAGE FROM ARCHITECT.
2. ANY PARTIAL INFORMATION, OMISSIONS, OR INACCURATE DESCRIPTIONS OF WORK SHOWN IN DRAWINGS, WHICH ARE NECESSARY TO PERFORM THE SCOPE OF WORK, SHALL NOT RELIEVE THE CONTRACTOR FROM COMPLETION OF WORK. ALL WORK SHALL BE PERFORMED TO SATISFY THE MINIMUM REQUIREMENTS OF THE CURRENT APPLICABLE BUILDING CODES.
3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO START OF CONSTRUCTION. THE ARCHITECT SHALL BE PROMPTLY NOTIFIED OF ANY INCONSISTENCIES AND/OR DISCREPANCIES.



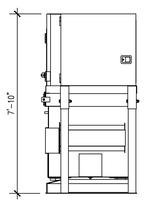
PLAN VIEW



ISOMETRIC VIEW

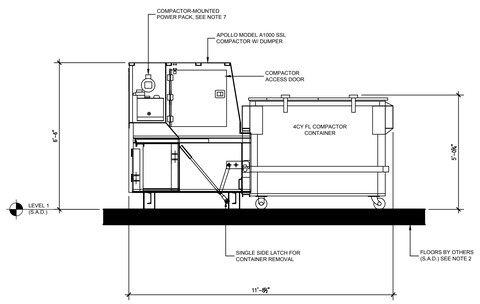


FRONT VIEW



SIDE VIEW

CV-02-FL-FF VERTICAL COMPACTOR W/ 2CY COMPACTOR CONTAINER (NTS)



SECTION A-A

PROJECTED COLLECTION SCHEDULE: OFFICE TRASH							
SERVICE	M	Tu	W	Th	F	Sa	Su
WASTE: 4CY COMP	1		1		1		
RECYCLE: 4CY COMP		2		2		3	
COMPOST: 2CY COMP	1				1		
TOTAL	2	2	1	2	2	3	0

RMW Architecture Interiors
30 E Santa Clara St. Suite 200 San Jose California 95113
Office 408 294-8000
Fax 408 294-1747
rmw.com

AMERICAN TRASH MANAGEMENT
1900 POWELL STREET, SUITE 220
EMERYVILLE, CALIFORNIA 94608
P: 415.292.5400
F: 415.292.5410
consultingprojects@trashmanage.com

CLIENT:

PROJECT NAME & ADDRESS:

BESPOKE

445 S B STREET
SAN MATEO, CA, 94401

ISSUE: Project Status
ISSUE DATE: Issue Date

REVISIONS :

#	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:

PROJECT NUMBER: 2202017.3
DRAWN BY: BM
CHECKED BY: SB

STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
OFFICE TRASH ROOM PLAN

SHEET NUMBER:
T0.1

plot date :

BESPOKE

Planning Resubmission #2 - January 29, 2024

E 4TH AVE. & S RAILROAD AVE
SAN MATEO, CA

ALTA HOUSING

BDE ARCHITECTURE

HARVEST PROPERTIES

PROMETHEUS

SITE MAP 6

UNIT AND AREA SUMMARY — **JOB: 2126_BESPOKE**
Date 12/11/2023

CONSTRUCTION TYPE: TYPE IIIA O/ TYPE IA
FLOORS: 5 WOOD OVER 2 CONCRETE

UNIT TYPE	NAME	DESCRIB	Unit Net Rentable	1ST	2ND	3RD	4TH	5TH	6TH	7TH	ROOF	Unit Total		Rentable Area by Type
STUDIO	S1.0	STUDIO	399		1							1	1%	399
	S2.0	STUDIO	451		1							1	1%	451
	S3.0	STUDIO	421		1							1	1%	421
STUDIO SUB-TOTAL				0	3	0	0	0	0	0	0	**3**	**4.23%**	**1,271**
1 BEDROOM	A1.0	1 BDRM/ 1 BATH	540			1	1	1	1	1		5	7%	2,700
	A1.1	1 BDRM/ 1 BATH	438		1							1	1%	438
	A2.0	1 BDRM/ 1 BATH	592			1	1	1	1	1		5	7%	2,960
	A3.0	1 BDRM/ 1 BATH	595			1	1	1	1	1		5	7%	2,975
	A4.0	1 BDRM/ 1 BATH	513			1	1	1	1	1		5	7%	2,565
	A4.1	1 BDRM/ 1 BATH	497		1	0	0	0	0	0		1	1%	497
	A5.0	1 BDRM/ 1 BATH	578		1							1	1%	578
	A6.0	1 BDRM/ 1 BATH	527		1							1	1%	527
1 BDRM SUB-TOTAL				0	4	4	4	4	4	4	0	**24**	**34%**	**13,240**
2 BEDROOM	B1.0	2 BDRM/ 1 BATH	910			1	1	1	1	1		5	7%	4,550
	B1.1	2 BDRM/ 1 BATH	902		1							1	1%	902
	B2.0	2 BDRM/ 1 BATH	798			1	1	1	1	1		5	7%	3,990
	B2.1	2 BDRM/ 1 BATH	783		1							1	1%	783
	B3.0	2 BDRM/ 1 BATH	848			1	1	1	1	1		5	7%	4,240
	B4.0	2 BDRM/ 1 BATH	882			1	1	1	1	1		5	7%	4,410
2 BDRM SUB-TOTAL				0	2	4	4	4	4	4	0	**22**	**31%**	**18,875**
3 BEDROOM	C1.0	3 BDRM/ 2 BATH	952			1	1	1	1	1		5	7%	4,760
	C1.1	3 BDRM/ 2 BATH	952		1							1	1%	952
	C2.0	3 BDRM/ 2 BATH	1,241			1	1	1	1	1		5	7%	6,205
	C2.1	3 BDRM/ 2 BATH	1,239		1							1	1%	1,239
	C3.0	3 BDRM/ 2 BATH	960			1	1	1	1	1		5	7%	4,800
	C4.0	3 BDRM/ 2 BATH	966			1	1	1	1	1		5	7%	4,830
3 BDRM SUB-TOTAL				0	2	4	4	4	4	4	0	**22**	**31%**	**22,786**
TOTAL UNITS		**Avg SqFt** **791**		**0**	11	12	12	12	12	12	0	**71**	**100%**	56,172

Net rentable residential area is measured center of demising wall, ext face of stud of ext wall, ext face of stud of corridor wall, excl decks

Net rentable Residential by floor (excl decks)	0	7,187	9,797	9,797	9,797	9,797	9,797	0				**56,172**
Gross Excluded area by floor (footprint minus net rentable, excl decks)	2,380	2,147	815	815	815	815	815	0				**8,602**
Residential Amenities												
Lobby	766											
Leasing Office	398											
Break Room	334											
Resident Services Office	312											
Youth Room	369											
Bike Room	789											
Restroom	69											
Community Room		1,719										
Laundry		516									subtotal	5,272
Residential Utilities												
Utilities Room	323											
Electrical Room	539											
Elevator Mechanical	93											
Janitor Closet	144											
Garage Entry	2,115											
Trash Room	576											
Maintenance	361											
											subtotal	4,151
Community Amenities												
Dining Room (Self Help for the Elderly)	2,165											
Dining Room Storage	76											
Prep Kitchen	370											
Men's Restroom	234											
Women's Restroom	246											
Self Help Storage	689											
Self Help Secure Storage	185											
Self Help Offices	1,999											
											subtotal	5,964
Total Gross*	15,532	11,569	10,612	10,612	10,612	10,612	10,612	0				**80,161**
***excludes stair and elevator areas floors 2-7**												
Lot Area	16,500										**FAR**	**4.86** 2
Landscape Amenities												
Courtyard Terrace		4,429										**4,429**

SHORT TERM BICYCLE PARKING (PER SMMC 27.64.262):

UNIT TYPE	RATIO REQ.	COUNT / AREA	REQ. SPACES
STUDIO	0.05 / UNIT	03 UNITS	0.15 SPACES
1 BEDROOM	0.05 / UNIT	24 UNITS	1.20 SPACES
2 BEDROOM	0.10 / UNIT	22 UNITS	2.20 SPACES
3 BEDROOM	0.15 / UNIT	22 UNITS	3.30 SPACES
SERVICES	1.0 / 10,000 GSF	5,964 GSF*	0.6 SPACES
		TOTAL REQ.:	**7.45 SPACES**
		TOTAL PROVIDED:	**8 SPACES**

LONG TERM BICYCLE PARKING (PER SMMC 27.64.262):

UNIT TYPE	RATIO REQ.	COUNT / AREA	REQ. SPACES
STUDIO	1.00 / UNIT	03 UNITS	3 SPACES
1 BEDROOM	1.00 / UNIT	24 UNITS	24 SPACES
2 BEDROOM	1.25 / UNIT	22 UNITS	27.5 SPACES
3 BEDROOM	1.50 / UNIT	22 UNITS	33 SPACES
SERVICES	1.0 / 20,000 GSF	5,964 GSF*	0.3 SPACES
		TOTAL REQ.:	**87.8 SPACES**
		TOTAL PROVIDED:	**88 SPACES** 2

*TOTAL OF AREA ATTRIBUTED TO "COMMUNITY ACTIVITIES" IN TABLE ABOVE

BICYCLE PARKING 5

THE PROPOSED PROJECT IS A 100% AFFORDABLE, FAMILY-FRIENDLY RESIDENTIAL BUILDING WITH PUBLIC FUNDING. THIS BUILDING HAS A SUBTERRANEAN PARKING GARAGE AND GROUND FLOOR CIVIC SPACE FOR THE LOCAL NON-PROFIT, SELF-HELP FOR THE ELDERLY. THE PROJECT CONSISTS OF THE ELEMENTS DESCRIBED BELOW:

- 71 RESIDENTIAL DWELLING UNITS (APARTMENTS) (SEE STATISTICS FOR MORE INFORMATION) 2
- 11 UNITS (15.5%) ARE PROVIDED WITH MOBILITY FEATURES PER CTCAC REGULATIONS (EXCEEDING CBC 11B0233.3.1.1). 8 UNITS (11.3%) ARE PROVIDED WITH COMMUNICATION FEATURES PER CTCAC REGULATIONS (EXCEEDING CBC 11B-233.3.1.3). ALL OTHER RESIDENTIAL UNITS ARE ADAPTABLE PER CBC 11B. ALL UNITS ARE ON AN ACCESSIBLE ROUTE; UNITS ABOVE THE GROUND FLOOR ARE SERVED BY AN ELEVATOR.
- SELF-HELP FOR THE ELDERLY PROGRAM ON GROUND FLOOR WITH A FLEXIBLE OPEN AREA, ADMINISTRATIVE OFFICES, AND OTHER SUPPORT SPACES.
- PROPOSED RESIDENTIAL BUILDING IS 5-STORIES OF TYPE III-A WOOD FRAMED CONSTRUCTION OVER 2-STORIES OF TYPE I-A CONCRETE PODIUM.
- ALL PUBLIC AREAS ARE ACCESSIBLE PER CHAPTER 11B. CORRIDORS AND COMMON AREAS ARE ACCESSIBLE PER CHAPTER 11B.
- ALL PORTIONS OF THE PROJECT ARE FULLY SPRINKLERED PER 903.3.1.1 / NFPA 13. ALL REFERENCES TO "AUTOMATIC SPRINKLERS SYSTEM" MEAN "PER 903.3.1.1 / NFPA 13."
- SUBTERRANEAN PARKING LEVEL IS ENCLOSED AND MECHANICALLY VENTILATED (PARKING LEVEL IS PART OF OFFICE BUILDING PORTION OF THIS SUBMITTAL)
- AMENITY SPACES FOR RESIDENTS AND GUESTS ARE LOCATED ON LEVELS 1 & 2. THESE SPACES INCLUDE A YOUTH ROOM, LAUNDRY ROOM, COMMUNITY ROOM, AND LANDSCAPE COURTYARD WITH SEATING AREAS, PLANTINGS, AND PLAY STRUCTURES
- PROJECT INCLUDES RELEVANT SITE WORK, INCLUDING EXCAVATION, GRADING, PAVING, LANDSCAPING, AND UTILITY CONNECTIONS AS REQUIRED FOR A COMPLETE PROJECT.

PROJECT DESCRIPTION 4

1" = 1'-0"

ALLOWABLE GROSS FLOOR AREA / HEIGHTS / CONSTRUCTION TYPES

BASE ALLOWABLE AREA PER FLOOR PER CBC TABLE 506.2 FOR TYPE I-A:
OCCUPANCY TYPES A, B, S, & R: UNLIMITED S.F.

BASE ALLOWABLE HEIGHT & STORIES PER CBC TABLES 504.3 & 504.4 FOR TYPE I-A:
OCCUPANCY TYPES A, B, S, & R: UNLIMITED

BASE ALLOWABLE AREA PER FLOOR PER CBC TABLE 506.2 FOR TYPE III-A:
R-2 24,000 S.F.

BASE ALLOWABLE HEIGHT & STORIES PER CBC TABLE 503 FOR TYPE III-A:
R-2 85 FEET / 5 STORIES (W/O AREA INCREASE & W/ AUTOMATIC SPRINKLER SYSTEM)

PROPOSED GROSS FLOOR AREA

FLOOR	OCCUPANCY	GROSS AREA
FLOOR 1	MIXED	15,532 S.F.
FLOOR 2	R-2	11,036 S.F.
FLOORS 3-7	R-2	11,079 S.F.
TOTAL		**81,963 S.F.**

NOTE: AREA MEASURED TO THE INSIDE PERIMTER OF EXTERIOR BUILDING WALLS, INCLUDING DECKS THAT ARE NOT OPEN TO THE SKY. EXCLUDES PORTIONS OF DECKS WHICH PROJECT BEYOND THE FACE OF THE BUILDING. NO DEDUCTIONS FOR SHAFTS OR STAIRWAYS.

FIRE-RESISTANCE RATING REQUIREMENTS:

3 HOUR HORIZONTAL SEPARATION BETWEEN TYPE I-A & TYPE III-A REQUIREMENTS PER SECTION 510.2 HORIZONTAL BUILDING SEPARATION ALLOWANCE

TYPE I-A: FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS PER TABLE 601:

STRUCTURAL FRAME	3 HR
EXTERIOR BEARING WALLS	3 HR
INTERIOR BEARING WALLS	3 HR
INT. NONBEARING WALLS	0 HR
FLOOR CONSTRUCTION	2 HR
ROOF CONSTRUCTION	1 1/2 HR

TYPE III-A: FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS PER TABLE 601:

STRUCTURAL FRAME	1 HR.
EXTERIOR BEARING WALLS	2 HR. 2
INTERIOR BEARING WALLS	1 HR.
EXTERIOR NONBEARING WALLS & PARTITIONS	SEE BELOW
INTERIOR NONBEARING WALLS & PARTITIONS	0 HR.
FLOOR CONSTRUCTION (BEAMS & JOISTS)	1 HR.
ROOF CONSTRUCTION (BEAMS & JOISTS)	1 HR.
SHAFT / STAIRWAY ENCLOSURES	2 HR.

FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE FOR TYPE I-A & III-A CONSTRUCTION AND OCCUPANCY PER TABLE 602:

FIRE SEP. DIST.	OCCUPANCIES: GROUP A, M, R-2 & S-2
X < 5	1 HR.
5 ≤ X < 10	1 HR.
10 ≤ X < 30	1 HR.
X ≥ 30	0 HR.

THE BUILDING SHALL COMPLY WITH THE 2022 CFC SECTION 510 FOR ERRC COVERAGE.

BUILDING CODE SUMMARY 3

APPLICANT / OWNER:
DTSM TALBOTS VENTURE, LLC
180 GRAND AVENUE, SUITE 1400
OAKLAND, CA 94612
CONTACT: PRESTON O'CONNELL
(510) 466-1485

ARCHITECT:
BDE ARCHITECTURE
950 HOWARD STREET
SAN FRANCISCO, CA 94103
CONTACT: KYLE FILOMEO
(303) 217 - 3797

LANDSCAPE ARCHITECT:
PLACE
735 NW 18TH AVENUE
PORTLAND, OR 97209
CONTACT: CHARLES BRUCKER
(503) 334 - 2080

HOUSING SERVICES:
ALTA HOUSING
3460 W BAYSHORE RD SUITE 104
PALO ALTO, CA 94303
CONTACT: JENNIFER WONG
(650) 219 - 2687

PROJECT TEAM 2

AR0.01 PROJECT INFORMATION
AR0.31 EGRESS DIAGRAM FLOOR 1
AR0.32 EGRESS DIAGRAM FLOOR 2
AR0.33 EGRESS DIAGRAM FLOORS 3-7
AR0.34 EGRESS DIAGRAM ROOF
AR0.41 ALLOWABLE AREA & OPENINGS
AR0.42 ALLOWABLE AREA & OPENINGS
AR0.43 ALLOWABLE AREA & OPENINGS
AR1.00 SITE PLAN
AR2.01 FLOOR 1 PLAN
AR2.02 FLOOR 2 PLAN
AR2.03 FLOORS 3-7 PLAN
AR2.04 ROOF PLAN
AR3.01 BUILDING MATERIAL ELEVATIONS
AR3.02 PERSPECTIVE VIEW RENDERINGS
AR3.03 MATERIAL BOARD
AR3.05 UNIT NATURAL LIGHT CONDITIONS
AR3.06 UNIT NATURAL LIGHT CONDITIONS
AR3.10 BUILDING ELEVATIONS
AR3.20 BUILDING SECTIONS
AR3.21 STREET WALL SECTION EXHIBITS
AR10.40 WINDOW & STOREFRONT TYPES
AR10.41 WINDOW DETAILS

SHEET INDEX 1

BDE ARCHITECTURE
950 Howard Street
San Francisco, CA
94103

P. (415) 677-0966

CLIENT:
ALTA HOUSING · HARVEST PROPERTIES · PROMETHEUS

PROJECT NAME & ADDRESS:

BESPOKE

E 4TH AVE. & S RAILROAD AVE
SAN MATEO, CA

ISSUE: Project Status
ISSUE DATE: Issue Date

REVISIONS :

#	DESCRIPTION	DATE
1	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:

PROJECT NUMBER: 2126
DRAWN BY: NS
CHECKED BY:

STAMP:

STAMP
ALL DRAWINGS AND WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

SHEET NAME:

PROJECT INFORMATION

SCALE: As indicated SHEET SIZE: 30 x 42

SHEET NUMBER:

AR0.01

plot date: 1/26/2024 12:37:36 PM
1/27/2023 11:45:41 AM

MINIMUM PLUMBING FACILITIES PER CPC TABLE 422.1*											
FUNCTION OF SPACE	OLF	AREA (SF)	OCCUPANT COUNT	WATER CLOSETS (MALE)	WATER CLOSETS (FEMALE)	URINALS	LAVATORIES (MALE)	LAVATORIES (FEMALE)	DRINKING FOUNTAINS	SERVICE SINKS
LEASING OFFICE	150	368	2.45							
BREAK ROOM	150	305	2.03							
RESIDENT SERVICES	150	287	1.91							
YOUTH ROOM	150	329	2.19							
LOBBY	150	730	4.87							
SELF HELP OFFICES	150	1961	13.07	2 : 51-100	4 : 51-100	1 : 1-100	2 : 76-150	2 : 51-100	1 per 150	1
PREP KITCHEN	50	354	7.08							
BUSSINESS OCCUPANCY SUBTOTAL			**33.61**							
DINING ROOM	30	1383	46.10							
COMMUNITY ROOM	30	1012	33.73							
AMENITY TERRACE	30	1485	49.50							
ASSEMBLY OCCUPANCY SUBTOTAL			**129.33**							
REQUIRED				**2**	**4**	**1**	**2**	**2**	**1**	**1**
PROVIDED**				**3**	**4**	**1**	**4**	**4**	**2**	**1**

* MINIMUM RATIOS FROM WORST-CASE OCCUPANCY CLASSIFICATION

** COMBINED FIXTURES PROVIDED BETWEEN (3) RESTROOMS WITHIN 1 LEVEL OF TRAVEL OF OCCUPANTS

TABLE 1004.5 MAX AREA ALLOWANCES PER OCCUPANT	
FUNCTION OF SPACE	OCCUPANT LOAD FACTOR
ACCESSORY SPACES, STORAGE, MECHANICAL, ELECTRICAL, ETC	300 GROSS
ASSEMBLY WITHOUT FIXED SEATS, UNCONCENTRATED	15 NET
BUSINESS AREAS (CONCENTRATED) ††	>50 GROSS
BUSINESS AREAS (STANDARD)	150 GROSS
EXERCISE ROOMS	50 GROSS
OUTDOOR ASSEMBLY AREAS †	15 NET
PARKING GARAGE	200 GROSS
RESIDENTIAL	200 GROSS

† THE OCCUPANT LOAD OF SUCH OUTDOOR AREAS SHALL BE ASSIGNED BY THE BUILDING OFFICIAL IN ACCORDANCE WITH THE ANTICIPATED USE.
†† WHERE APPROVED BY THE AHJ, ACTUAL OCCUPANT LOAD, BUT NOT LESS THAN 50 OLF.

SECTION 1005.3 REQUIRED CAPACITY BASED ON OL	
ROOM, AREA, SPACE OR STORY	FACTOR
SECTION 1005.3.2 OTHER EGRESS COMPONENTS	0.20"
SECTION 1005.3.1 STAIRWAYS	0.30"

EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM IS NOT REQUIRED AND IS NOT BEING USED.

OCCUPANCY & EXITING CALCULATIONS - LEVEL 1	
USE	**OCCUPANT LOAD**
DINING ROOM	93
PREP KITCHEN	2
ELEV MECH ROOM	1
CLASSROOM STORAGE	1
CUMULATIVE OCCUPANT LOAD	**97**
MINIMUM NUMBER EXITS PER STORY	TABLE 1006.3.3
EXITS REQUIRED	2
EXITS PROVIDED	**2**
OCCUPANTS PER EXIT	**49/48**
USE	**OCCUPANT LOAD**
SELF HELP / HICAP OFFICES	10
RESIDENT STORAGE	3
MAINTENANCE	2
TRASH TERMINATION	2
SELF HELP STORAGE	1
SECURE STORAGE	1
BIKE ROOM	5
CORRIDOR	6
CUMULATIVE OCCUPANT LOAD	**30**
MINIMUM NUMBER EXITS PER STORY	TABLE 1006.3.3
EXITS REQUIRED	1
EXITS PROVIDED	**2**
OCCUPANTS PER EXIT	**15/15**
USE	**OCCUPANT LOAD**
LOBBY	30
LEASING OFFICE	3
BREAK ROOM	3
RESIDENT SERVICES	3
YOUTH OFFICE	3
JANITOR CLOSET	1
CUMULATIVE OCCUPANT LOAD	**43**
MINIMUM NUMBER EXITS PER STORY	TABLE 1006.3.3
EXITS REQUIRED	1
EXITS PROVIDED	**1**
OCCUPANTS PER EXIT	**43**
TOTAL OCCUPANT LOAD - LEVEL 1	**174**

GENERAL NOTES

A. SEPARATION DISTANCE BETWEEN AT LEAST TWO EXITS SHALL BE 1/3 OF THE MAXIMUM DIAGONAL DIMENSION OF THE ROOM, AREA OR SPACE. SEE DIAGRAMS FOR EXIT SEPARATION DISTANCE DIMENSIONS.

B. MAXIMUM COMMON PATH OF EGRESS TRAVEL (TABLE 1006.2.1)
SPRINKLERED S = 100'
SPRINKLERED B = 100'
SPRINKLERED R-2 = 125'
SPRINKLERED M = 75'
SPRINKLERED A = 75'

C. EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2)
SPRINKLERED S-1 = 250'
SPRINKLERED S-2 = 400'
SPRINKLERED B = 300'
SPRINKLERED R = 250'
SPRINKLERED M = 250'
SPRINKLERED A = 250'

D. EVERY ROOM OR SPACE THAT IS AN ASSEMBLY WITH AN OCCUPANCY LOAD OF 50 OR MORE SHALL HAVE SIGNAGE POSTED IN A CONSPICUOUS PLACE WITH THE ALLOWABLE OCCUPANT LOAD NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY. FINAL POSTED SIGN LOCATION(S) AND TYPE SHALL BE APPROVED BY THE FIRE AND BUILDING INSPECTORS PRIOR TO FINAL BUILDING OCCUPANCY CERTIFICATION PER SECTION 1004.9.

E. CLASS I STANDPIPE HOSE CONNECTION SHALL BE PROVIDED ON EACH SIDE OF THE WALL ADJACENT TO THE EXIT OPENING OF A HORIZONTAL EXIT. EXCEPT WHERE FLOOR AREAS ADJACENT TO A HORIZONTAL EXIT ARE REACHABLE FROM EXIT STAIRWAY HOSE CONNECTIONS BY A NOZZLE ATTACHED TO 100 FEET OF HOSE AS MEASURED ALONG THE PATH OF TRAVEL, A STANDPIPE SHALL NOT BE REQUIRED AT THE HORIZONTAL EXIT.

F. DOOR OPENING WIDTHS NOTED IN TABLES ARE BASED ON THE NET CLEAR DOOR OPENING WIDTH FROM FACE OF DOORS TO DOOR STOP.

G. A TYPICAL DOOR LEAF IS 3'-0", U.O.N., WITH A NET CLEAR OPENING OF 33 1/2", WHICH HAS AN OCCUPANT LOAD CAPACITY OF 167 OCCUPANTS.

H. THE EMERGENCY WARNING SYSTEM SHALL ACTIVATE A MEANS OF WARNING FOR THE HEARING IMPAIRED. EMERGENCY WARNING SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 72 AS AMENDED IN CHAPTER 35. A STROBE SHALL ACT AS A MEANS OF WARNING FOR THE HEARING IMPAIRED. THE SYSTEM SHALL BE ABLE TO EXPAND SO THAT ALL UNITS CAN BE ADAPTED TO HAVE STROBES WITHIN THEM.

SHEET NOTES

SHEET NOTE LIST ONLY INCLUDES NOTES USED ON THIS SHEET, AND MAY NOT APPEAR IN NUMERICAL ORDER

SOUTH RAILROAD AVENUE

EAST 4TH AVENUE

PREP KITCHEN		
AREA		354 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	B
OCCUPANT LOAD FACTOR	TABLE 1004.5	200 GROSS
OCCUPANT LOAD		2

DINING ROOM		
AREA		1,383 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	A-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	15 NET
OCCUPANT LOAD		93
NUMBER OF EXITS REQUIRED		2
NUMBER OF EXITS PROVIDED		2

JANITOR CLOSET		
AREA		115 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	S-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		1

ELEV MECH ROOM		
AREA		85 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	S-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		1

CLASSROOM STORAGE		
AREA		65 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	S-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		1

LOBBY CUMULATIVE

TOTAL OCCUPANT = LOBBY + LEASING + BREAKROOM + RESIDENT SERVICES + YOUTH ROOM + JANITOR CLOSET

TOTAL OCCUPANT = 5 + 3 + 2 + 2 + 3 +1 = 16

LOBBY		
AREA		726 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	B
OCCUPANT LOAD FACTOR	TABLE 1004.5	150 GROSS
OCCUPANT LOAD		5

LEASING OFFICE		
AREA		374 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	B
OCCUPANT LOAD FACTOR	TABLE 1004.5	150 GROSS
OCCUPANT LOAD		3

BREAKROOM		
AREA		300 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	B
OCCUPANT LOAD FACTOR	TABLE 1004.5	150 GROSS
OCCUPANT LOAD		2

RESIDENT SERVICES		
AREA		287 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	B
OCCUPANT LOAD FACTOR	TABLE 1004.5	150 GROSS
OCCUPANT LOAD		2

YOUTH ROOM		
AREA		329 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	B
OCCUPANT LOAD FACTOR	TABLE 1004.5	150 GROSS
OCCUPANT LOAD		3

EXIT PASSAGEWAY 2		
		STAIR 2
OCCUPANT LOAD		42
EXIT DOOR CLEAR WIDTH REQUIRED		32" MIN.
	42 OCC X 0.2	8.4"
EXIT DOOR CLEAR WIDTH PROVIDED		33 1/2"
EXIT STAIR WIDTH REQUIRED		44" MIN.
	42 OCC X 0.3	12.6"
EXIT STAIR WIDTH PROVIDED		44"

COMMON PATH OF EGRESS TRAVEL = 57' - 9"
MAX COMMON PATH OF EGRESS TRAVEL = 100'-0" PER CBC 1006.2.1

CIRCULATION SPACE NOT COUNTED IN NET OCCUPANT LOAD

[DBE] = 62' - 9"

[OD] = 76' - 11"
1/3 [OD] = 25' - 8"

24 Bikes
12 Bikes
16 Bikes
36 Bikes

EGRESS CONVERGENCE		
STAIR 1 - FLOOR BASEMENT AND FLOOR 02		
		OCCUPANTS
FLOOR BASEMENT		82
FLOOR 02		84
	TOTAL OCCUPANT LOAD	166
EXIT DOOR CLEAR WIDTH REQUIRED		32" MIN.
	166 OCC X 0.2	33.2"
EXIT DOOR CLEAR WIDTH PROVIDED		33 1/2"

TRASH TERMINATION		
AREA		542 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	S-1
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		2

SECURE STORAGE		
AREA		201 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	S-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		1

SELF HELP STORAGE		
AREA		664 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	S-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		3

MAINTENANCE		
AREA		318 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	S-1
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		2

CORRIDOR		
AREA		959 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	B ACCESSORY
OCCUPANT LOAD FACTOR	TABLE 1004.5	150 GROSS
OCCUPANT LOAD		7

CORRIDOR CUMULATIVE

TOTAL OCCUPANT = TRASH + MAINTENANCE + CORRIDOR + SELF HELP OFFICES + BIKE ROOM

TOTAL OCCUPANT = 2 + 2 + 7 + 14 + 3 = 28

UTILITY ROOM		
AREA		315 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	S-1
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		2

ELECTRICAL ROOM		
AREA		470 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	S-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		2

BIKE ROOM		
AREA		732 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	S-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		3

SELF HELP / HICAP OFFICES		
AREA		1,961 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	B
OCCUPANT LOAD FACTOR	TABLE 1004.5	150 GROSS
OCCUPANT LOAD		14

EXIT ACCESS TRAVEL DISTANCE = 163'-6"
MAX EXIT ACCESS TRAVEL DISTANCE = 300'-0" PER CBC TABLE 1017.2

COMMON PATH OF EGRESS TRAVEL = 65'-0"
MAX COMMON PATH OF EGRESS TRAVEL = 100'-0" PER CBC 1006.2.1

LEGEND

- EXIT / OCCUPANT LOAD
- EXIT / OCCUPANT LOAD @ HORIZONTAL EXIT
- H.E.
- EXIT / CUMULATIVE OCCUPANT LOAD
- EXIT DISCHARGE OCCUPANT LOAD
- MOST REMOTE LOCATION ALONG COMMON PATH OF EGRESS TRAVEL SECTION 1006.2.1
- POINT WHERE SEPARATE PATHS OF EGRESS OCCUR SECTION 1006.2.1
- EXTENT OF TRAVEL DISTANCE ALONG COMMON PATH OF EGRESS TRAVEL SECTION 1006.2.1
- EXTENT OF TRAVEL DISTANCE ALONG EXIT ACCESS TRAVEL DISTANCE SECTION 1017.2
- [OD] = 1/3 [OD] = XX' MIN [DBE] — MAXIMUM OVERALL DIAGONAL [OD] & 1/3 OF OVERALL DIAGONAL [OD] DIMENSION OF THE AREA SERVED PER SECTION 1007.1.1. CALCULATION EQUALS MINIMUM SEPARATION DISTANCE BETWEEN EXITS [DBE]
- [DBE] = — SEPARATION DISTANCE BETWEEN EXITS [DBE] MEASURED PER SECTION 1007.1.1.1

LEGEND

NOTE: SEE A10.0X FOR SPECIFIC WALL TYPES

- PARTIAL HEIGHT WALL
- FULL HEIGHT WALL
- CONCRETE WALL/COLUMN, S.S.D.
- CMU WALL, S.S.D.
- INDICATES 8'-2" MINIMUM VERTICAL CLEARANCE FOR ACCESSIBLE PARKING
- INDICATES SOLAR READY AREA
- PROPERTY LINE
- 1-HR RATED WALL
- 2-HR RATED WALL

FLOOR 1 1
1/8" = 1'-0"

BDE ARCHITECTURE
950 Howard Street
San Francisco, CA
94103
P. (415) 677-0966

CLIENT:
ALTA HOUSING
HARVEST PROPERTIES
PROMETHEUS

PROJECT NAME & ADDRESS:

BESPOKE

E 4TH AVE. & S RAILROAD AVE SAN MATEO, CA

ISSUE: Project Status
ISSUE DATE: Issue Date

REVISIONS :

#	DESCRIPTION	DATE
1	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:

PROJECT NUMBER: 2126
DRAWN BY: NS
CHECKED BY:

STAMP:

STAMP

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SHEET NAME:

EGRESS DIAGRAM FLOOR 1

TRUE PROJECT NORTH

SCALE: As indicated SHEET SIZE: 30 x 42

SHEET NUMBER:

AR0.31

plot date: 1/27/2022 11:45:41 AM
1/26/2024 12:37:42 PM

TABLE 1004.5 MAX AREA ALLOWANCES PER OCCUPANT	
FUNCTION OF SPACE	OCCUPANT LOAD FACTOR
ACCESSORY SPACES, STORAGE, MECHANICAL, ELECTRICAL, ETC	300 GROSS
ASSEMBLY WITHOUT FIXED SEATS, UNCONCENTRATED	15 NET
BUSINESS AREAS (CONCENTRATED) ††	>50 GROSS
BUSINESS AREAS (STANDARD)	150 GROSS
EXERCISE ROOMS	50 GROSS
OUTDOOR ASSEMBLY AREAS †	15 NET
PARKING GARAGE	200 GROSS
RESIDENTIAL	200 GROSS

† THE OCCUPANT LOAD OF SUCH OUTDOOR AREAS SHALL BE ASSIGNED BY THE BUILDING OFFICIAL IN ACCORDANCE WITH THE ANTICIPATED USE.
†† WHERE APPROVED BY THE AHJ, ACTUAL OCCUPANT LOAD, BUT NOT LESS THAN 50 OLF.

SECTION 1005.3 REQUIRED CAPACITY BASED ON OL	
ROOM, AREA, SPACE OR STORY	FACTOR
SECTION 1005.3.2 OTHER EGRESS COMPONENTS	0.20"
SECTION 1005.3.1 STAIRWAYS	0.30"

EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM IS NOT REQUIRED AND IS NOT BEING USED.

OCCUPANCY & EXITING CALCULATIONS - LEVEL 2	
USE	OCCUPANT LOAD
RESIDENTIAL EXITING AREA - NORTH	31
LAUNDRY ROOM	2
IDF CLOSET	1
ONE HALF OF AMENITY TERRACE AREA 1	50
CUMULATIVE OCCUPANT LOAD	**84**
MINIMUM NUMBER EXITS PER STORY	TABLE 1006.3.3
EXITS REQUIRED	1
EXITS PROVIDED	**2**
OCCUPANTS PER EXIT	**42/42**
USE	**OCCUPANT LOAD**
RESIDENTIAL EXITING AREA - SOUTH	11
TRASH ROOM	1
COMMUNITY ROOM CUMULATIVE	55
CUMULATIVE OCCUPANT LOAD	**67**
MINIMUM NUMBER EXITS PER STORY	TABLE 1006.3.3
EXITS REQUIRED	2
EXITS PROVIDED	**2**
OCCUPANTS PER EXIT	**33/34**
TOTAL OCCUPANT LOAD - LEVEL 2	**216**

GENERAL NOTES

A. SEPARATION DISTANCE BETWEEN AT LEAST TWO EXITS SHALL BE 1/3 OF THE MAXIMUM DIAGONAL DIMENSION OF THE ROOM, AREA OR SPACE. SEE DIAGRAMS FOR EXIT SEPARATION DISTANCE DIMENSIONS.

B. MAXIMUM COMMON PATH OF EGRESS TRAVEL (TABLE 1006.2.1)
SPRINKLERED S = 100'
SPRINKLERED B = 100'
SPRINKLERED R-2 = 125'
SPRINKLERED M = 75'
SPRINKLERED A = 75'

C. EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2)
SPRINKLERED S-1 = 250'
SPRINKLERED S-2 = 400'
SPRINKLERED B = 300'
SPRINKLERED R = 250'
SPRINKLERED M = 250'
SPRINKLERED A = 250'

D. EVERY ROOM OR SPACE THAT IS AN ASSEMBLY WITH AN OCCUPANCY LOAD OF 50 OR MORE SHALL HAVE SIGNAGE POSTED IN A CONSPICUOUS PLACE WITH THE ALLOWABLE OCCUPANT LOAD NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY. FINAL POSTED SIGN LOCATION(S) AND TYPE SHALL BE APPROVED BY THE FIRE AND BUILDING INSPECTORS PRIOR TO FINAL BUILDING OCCUPANCY CERTIFICATION PER SECTION 1004.9.

E. CLASS I STANDPIPE HOSE CONNECTION SHALL BE PROVIDED ON EACH SIDE OF THE WALL ADJACENT TO THE EXIT OPENING OF A HORIZONTAL EXIT, EXCEPT WHERE FLOOR AREAS ADJACENT TO A HORIZONTAL EXIT ARE REACHABLE FROM EXIT STAIRWAY HOSE CONNECTIONS BY A NOZZLE ATTACHED TO 100 FEET OF HOSE AS MEASURED ALONG THE PATH OF TRAVEL, A STANDPIPE SHALL NOT BE REQUIRED AT THE HORIZONTAL EXIT.

F. DOOR OPENING WIDTHS NOTED IN TABLES ARE BASED ON THE NET CLEAR DOOR OPENING WIDTH FROM FACE OF DOORS TO DOOR STOP.

G. A TYPICAL DOOR LEAF IS 3'-0", U.O.N., WITH A NET CLEAR OPENING OF 33 1/2", WHICH HAS AN OCCUPANT LOAD CAPACITY OF 167 OCCUPANTS.

H. THE EMERGENCY WARNING SYSTEM SHALL ACTIVATE A MEANS OF WARNING FOR THE HEARING IMPAIRED. EMERGENCY WARNING SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 72 AS AMENDED IN CHAPTER 35. A STROBE SHALL ACT AS A MEANS OF WARNING FOR THE HEARING IMPAIRED. THE SYSTEM SHALL BE ABLE TO EXPAND SO THAT ALL UNITS CAN BE ADAPTED TO HAVE STROBES WITHIN THEM.

SHEET NOTES

SHEET NOTE LIST ONLY INCLUDES NOTES USED ON THIS SHEET, AND MAY NOT APPEAR IN NUMERICAL ORDER

SOUTH RAILROAD AVENUE

H.E. REFUGE AREA	3 SF / OCC
ORIGINAL OCCUPANT LOAD	84
ADJOINING OCCUPANT LOAD	67
FLOOR AREA REQUIRED	453 SF

H.E. REFUGE AREA	3 SF / OCC
ORIGINAL OCCUPANT LOAD	67
ADJOINING OCCUPANT LOAD	84
FLOOR AREA REQUIRED	453 SF

RESIDENTIAL EXITING AREA - SOUTH		
AREA		2,130 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	R-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	200 GROSS
OCCUPANT LOAD		11

COMMON PATH OF EGRESS TRAVEL = 61' - 0"
MAX COMMON PATH OF EGRESS TRAVEL = 125'-0" PER CBC 1006.2.1

EXIT ACCESS TRAVEL DISTANCE = 103' - 10"
MAX EXIT ACCESS TRAVEL DISTANCE = 250'-0" PER CBC TABLE 1017.2

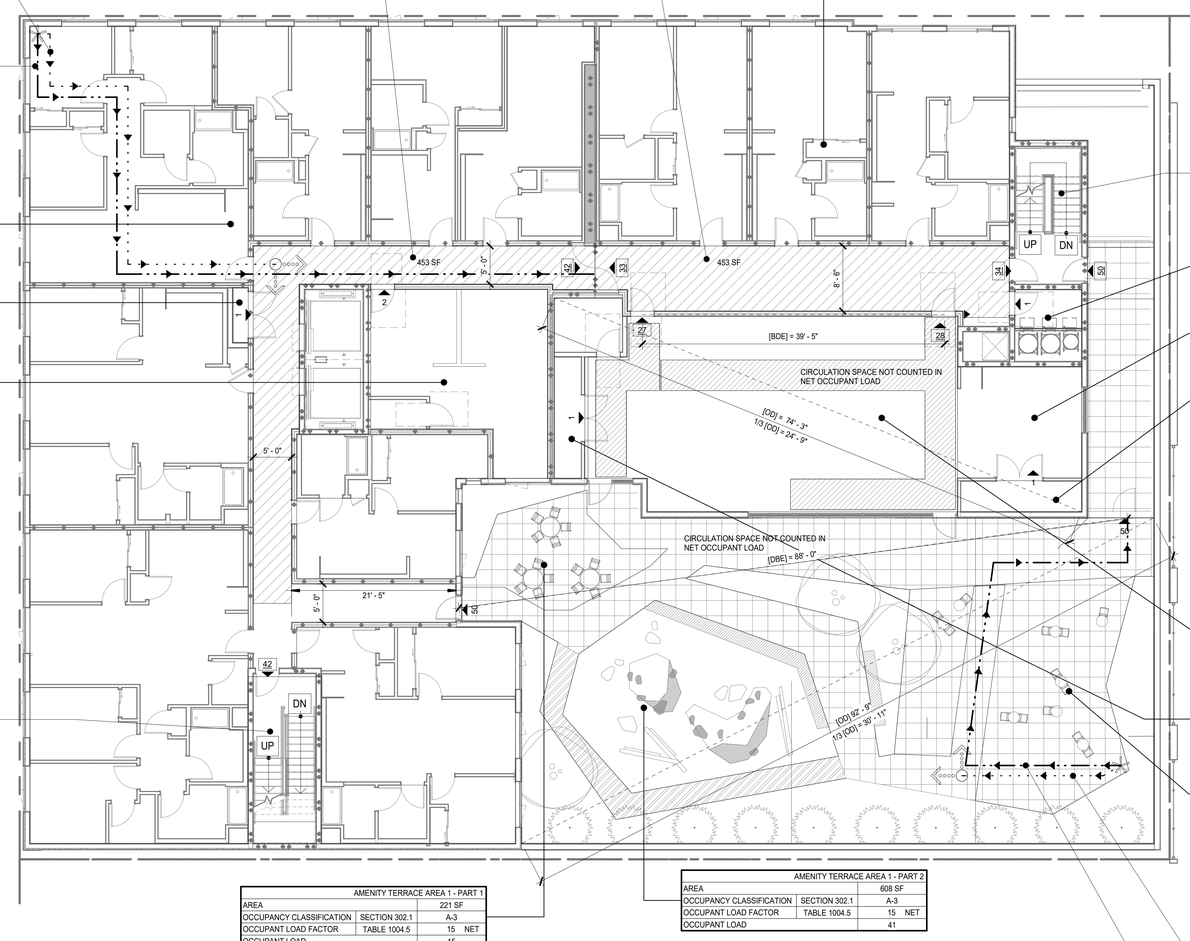
RESIDENTIAL EXITING AREA - NORTH		
AREA		6,171 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	R-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	200 GROSS
OCCUPANT LOAD		31

IDF CLOSET		
AREA		14 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	R-2 ACCESSORY
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		1

LAUNDRY ROOM		
AREA		466 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	S-1
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		2

EAST 4TH AVENUE

EGRESS		STAIR 2
OCCUPANT LOAD		42
EXIT DOOR CLEAR WIDTH REQUIRED		32" MIN.
	42 OCC X 0.2	8.4"
EXIT DOOR CLEAR WIDTH PROVIDED		33 1/2"
EXIT STAIR WIDTH REQUIRED		44" MIN.
	42 OCC X 0.3	12.6"
EXIT STAIR WIDTH PROVIDED		44"



AMENITY TERRACE AREA 1 - PART 1		
AREA		221 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	A-3
OCCUPANT LOAD FACTOR	TABLE 1004.5	15 NET
OCCUPANT LOAD		15

AMENITY TERRACE AREA 1 - PART 2		
AREA		608 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	A-3
OCCUPANT LOAD FACTOR	TABLE 1004.5	15 NET
OCCUPANT LOAD		41

EGRESS		STAIR 1
OCCUPANT LOAD		84
EXIT DOOR CLEAR WIDTH REQUIRED		32" MIN.
	84 OCC X 0.2	16.8"
EXIT DOOR CLEAR WIDTH PROVIDED		33 1/2"
EXIT STAIR WIDTH REQUIRED		44" MIN.
	84 OCC X 0.3	25.2"
EXIT STAIR WIDTH PROVIDED		44"

TRASH ROOM		
AREA		44 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	R-2 ACCESSORY
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		1

COMMUNITY KITCHEN		
AREA		240 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	A-3 ACCESSORY
OCCUPANT LOAD FACTOR	TABLE 1004.5	200 GROSS
OCCUPANT LOAD		2

STORAGE		
AREA		66 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	S-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		1

COMMUNITY ROOM CUMULATIVE

TOTAL OCCUPANT = COMMUNITY ROOM + COMMUNITY KITCHEN + STORAGE + STORAGE

TOTAL OCCUPANT = 51 + 2 + 1 + 1 = 55

OCCUPANTS PER EXIT = 27/28

COMMUNITY ROOM		
AREA		763 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	A-3
OCCUPANT LOAD FACTOR	TABLE 1004.5	15 NET
OCCUPANT LOAD		51
NUMBER OF EXITS REQUIRED		2
NUMBER OF EXITS PROVIDED		2

STORAGE		
AREA		63 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	S-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		1

AMENITY TERRACE AREA 1 - PART 3		
AREA		656 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	A-3
OCCUPANT LOAD FACTOR	TABLE 1004.5	15 NET
OCCUPANT LOAD		44

AMENITY TERRACE AREA 1 CUMULATIVE

TOTAL OCCUPANT = AMENITY TERRACE AREA 1 - PART 1 + AMENITY TERRACE AREA 1 - PART 2 + AMENITY TERRACE AREA 1 - PART 3

TOTAL OCCUPANT = 15 + 41 + 44 = 100

OCCUPANTS PER EXIT = 50/50

COMMON PATH OF EGRESS TRAVEL = 21' - 2"
MAX COMMON PATH OF EGRESS TRAVEL = 75'-0" PER CBC 1006.2.1

EXIT ACCESS TRAVEL DISTANCE = 70' - 4"
MAX EXIT ACCESS TRAVEL DISTANCE = 250'-0" PER CBC TABLE 1017.2

LEGEND

- EXIT / OCCUPANT LOAD
- EXIT / OCCUPANT LOAD @ HORIZONTAL EXIT
- EXIT / CUMULATIVE OCCUPANT LOAD
- EXIT DISCHARGE OCCUPANT LOAD
- MOST REMOTE LOCATION ALONG COMMON PATH OF EGRESS TRAVEL SECTION 1006.2.1
- POINT WHERE SEPARATE PATHS OF EGRESS OCCUR SECTION 1006.2.1
- EXTENT OF TRAVEL DISTANCE ALONG COMMON PATH OF EGRESS TRAVEL SECTION 1006.2.1
- EXTENT OF TRAVEL DISTANCE ALONG EXIT ACCESS TRAVEL DISTANCE SECTION 1017.2
- [OD] = 1/3 [OD] = XX' MIN [DBE] — MAXIMUM OVERALL DIAGONAL [OD] & 1/3 OF OVERALL DIAGONAL (OD) DIMENSION OF THE AREA SERVED PER SECTION 1007.1.1. CALCULATION EQUALS MINIMUM SEPARATION DISTANCE BETWEEN EXITS [DBE]
- [DBE] = — SEPARATION DISTANCE BETWEEN EXITS [DBE] MEASURED PER SECTION 1007.1.1.1

LEGEND

NOTE: SEE A10.0X FOR SPECIFIC WALL TYPES

- PARTIAL HEIGHT WALL
- FULL HEIGHT WALL
- CONCRETE WALL/COLUMN, S.S.D.
- CMU WALL, S.S.D.
- INDICATES 8'-2" MINIMUM VERTICAL CLEARANCE FOR ACCESSIBLE PARKING
- INDICATES SOLAR READY AREA
- PROPERTY LINE
- 1-HR RATED WALL
- 2-HR RATED WALL

FLOOR 2 1

1/8" = 1'-0"

TRUE PROJECT NORTH

BDE ARCHITECTURE
950 Howard Street
San Francisco, CA
94103
P. (415) 677-0966

CLIENT:
ALTA HOUSING · HARVEST PROPERTIES · PROMETHEUS

PROJECT NAME & ADDRESS:

BESPOKE

E 4TH AVE. & S RAILROAD AVE
SAN MATEO, CA

ISSUE: Project Status
ISSUE DATE: Issue Date

REVISIONS :

#	DESCRIPTION	DATE
1	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:

PROJECT NUMBER: 2126
DRAWN BY: NS
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SHEET NAME:

EGRESS DIAGRAM FLOOR 2

SCALE: As indicated SHEET SIZE: 30 x 42

SHEET NUMBER:

AR0.32

plot date: 1/27/2022 11:45:41 AM
1/26/2024 12:37:47 PM

TABLE 1004.5 MAX AREA ALLOWANCES PER OCCUPANT	
FUNCTION OF SPACE	OCCUPANT LOAD FACTOR
ACCESSORY SPACES, STORAGE, MECHANICAL, ELECTRICAL, ETC	300 GROSS
ASSEMBLY WITHOUT FIXED SEATS, UNCONCENTRATED	15 NET
BUSINESS AREAS (CONCENTRATED) ††	>50 GROSS
BUSINESS AREAS (STANDARD)	150 GROSS
EXERCISE ROOMS	50 GROSS
OUTDOOR ASSEMBLY AREAS †	15 NET
PARKING GARAGE	200 GROSS
RESIDENTIAL	200 GROSS

† THE OCCUPANT LOAD OF SUCH OUTDOOR AREAS SHALL BE ASSIGNED BY THE BUILDING OFFICIAL IN ACCORDANCE WITH THE ANTICIPATED USE.
†† WHERE APPROVED BY THE AHJ, ACTUAL OCCUPANT LOAD, BUT NOT LESS THAN 50 OLF.

SECTION 1005.3 REQUIRED CAPACITY BASED ON OL	
ROOM, AREA, SPACE OR STORY	FACTOR
SECTION 1005.3.2 OTHER EGRESS COMPONENTS	0.20"
SECTION 1005.3.1 STAIRWAYS	0.30"

EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM IS NOT REQUIRED AND IS NOT BEING USED.

OCCUPANCY & EXITING CALCULATIONS - LEVEL 3-7	
USE	OCCUPANT LOAD
RESIDENTIAL EXITING AREA - NORTH	34
IDF CLOSET	1
CUMULATIVE OCCUPANT LOAD	35
MINIMUM NUMBER EXITS PER STORY	TABLE 1006.3.1
EXITS REQUIRED	1
EXITS PROVIDED	2
OCCUPANTS PER EXIT	17/18
USE	OCCUPANT LOAD
RESIDENTIAL EXITING AREA - SOUTH	21
TRASH ROOM	1
CUMULATIVE OCCUPANT LOAD	22
MINIMUM NUMBER EXITS PER STORY	TABLE 1006.3.1
EXITS REQUIRED	1
EXITS PROVIDED	2
OCCUPANTS PER EXIT	11/11
TOTAL OCCUPANT LOAD - LEVEL 3-7	57

SOUTH RAILROAD AVENUE

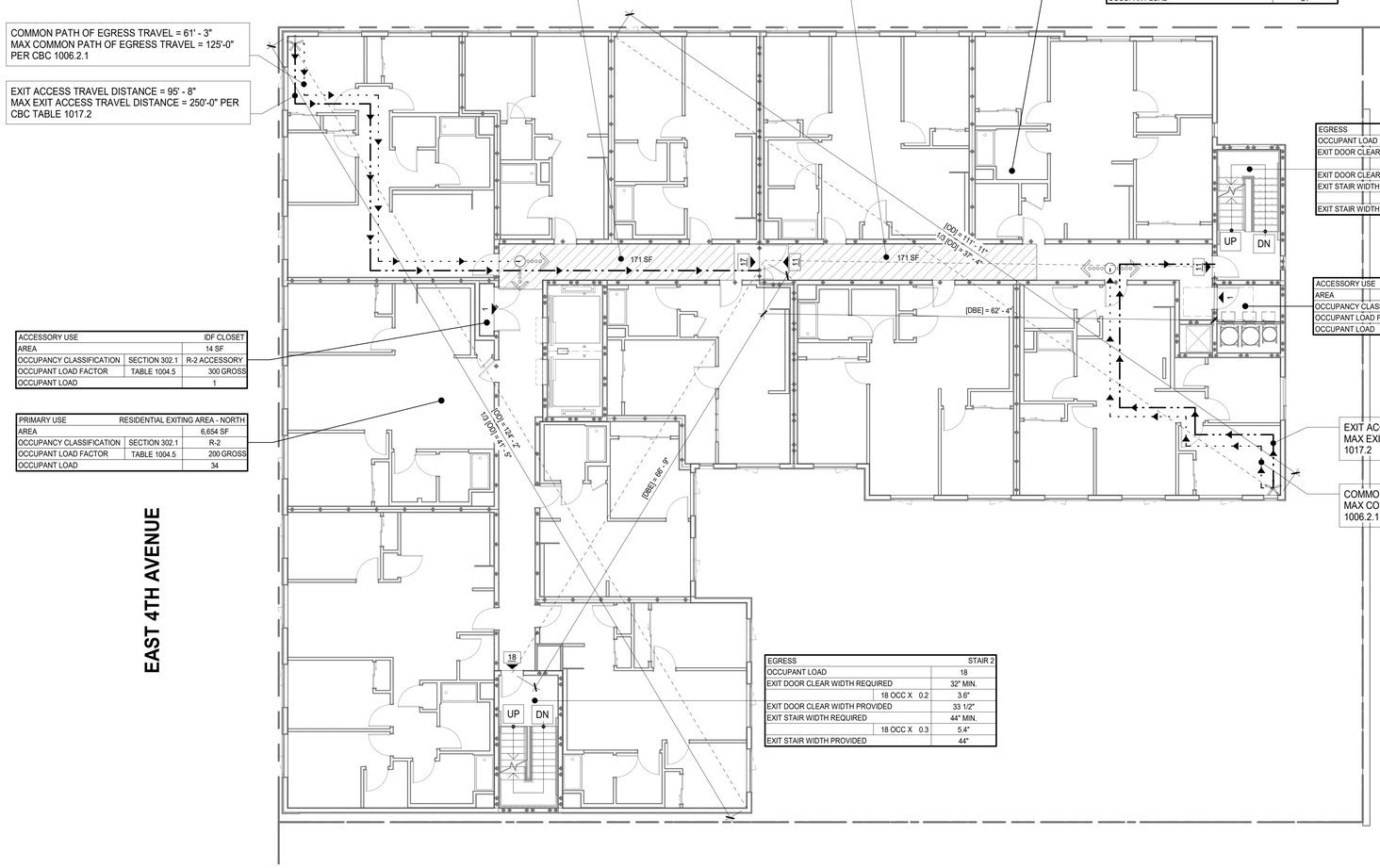
H.E. REFUGE AREA	3 SF / OCC
ORIGINAL OCCUPANT LOAD	35
ADJOINING OCCUPANT LOAD	22
FLOOR AREA REQUIRED	171 SF

H.E. REFUGE AREA	3 SF / OCC
ORIGINAL OCCUPANT LOAD	22
ADJOINING OCCUPANT LOAD	35
FLOOR AREA REQUIRED	171 SF

PRIMARY USE		RESIDENTIAL EXITING AREA - SOUTH
AREA		4,023 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	R-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	200 GROSS
OCCUPANT LOAD		21

COMMON PATH OF EGRESS TRAVEL = 61' - 3"
MAX COMMON PATH OF EGRESS TRAVEL = 125'-0" PER CBC 1006.2.1

EXIT ACCESS TRAVEL DISTANCE = 95' - 8"
MAX EXIT ACCESS TRAVEL DISTANCE = 250'-0" PER CBC TABLE 1017.2



EGRESS		STAIR 1
OCCUPANT LOAD		11
EXIT DOOR CLEAR WIDTH REQUIRED		32" MIN.
	11 OCC X 0.2	2.2"
EXIT DOOR CLEAR WIDTH PROVIDED		33 1/2"
EXIT STAIR WIDTH REQUIRED		44" MIN.
	11 OCC X 0.3	3.3"
EXIT STAIR WIDTH PROVIDED		44"

ACCESSORY USE		TRASH ROOM
AREA		44 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	R-2 ACCESSORY
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		1

EXIT ACCESS TRAVEL DISTANCE = 65' - 5"
MAX EXIT ACCESS TRAVEL DISTANCE = 250'-0" PER CBC 1017.2

COMMON PATH OF EGRESS TRAVEL = 53' - 0"
MAX COMMON PATH OF EGRESS TRAVEL = 125'-0" PER CBC 1006.2.1

ACCESSORY USE		IDF CLOSET
AREA		14 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	R-2 ACCESSORY
OCCUPANT LOAD FACTOR	TABLE 1004.5	300 GROSS
OCCUPANT LOAD		1

PRIMARY USE		RESIDENTIAL EXITING AREA - NORTH
AREA		6,654 SF
OCCUPANCY CLASSIFICATION	SECTION 302.1	R-2
OCCUPANT LOAD FACTOR	TABLE 1004.5	200 GROSS
OCCUPANT LOAD		34

EAST 4TH AVENUE

EGRESS		STAIR 2
OCCUPANT LOAD		18
EXIT DOOR CLEAR WIDTH REQUIRED		32" MIN.
	18 OCC X 0.2	3.6"
EXIT DOOR CLEAR WIDTH PROVIDED		33 1/2"
EXIT STAIR WIDTH REQUIRED		44" MIN.
	18 OCC X 0.3	5.4"
EXIT STAIR WIDTH PROVIDED		44"

GENERAL NOTES

A. SEPARATION DISTANCE BETWEEN AT LEAST TWO EXITS SHALL BE 1/3 OF THE MAXIMUM DIAGONAL DIMENSION OF THE ROOM, AREA OR SPACE. SEE DIAGRAMS FOR EXIT SEPARATION DISTANCE DIMENSIONS.

B. MAXIMUM COMMON PATH OF EGRESS TRAVEL (TABLE 1006.2.1)
SPRINKLERED S = 100'
SPRINKLERED B = 100'
SPRINKLERED R-2 = 125'
SPRINKLERED M = 75'
SPRINKLERED A = 75'

C. EXIT ACCESS TRAVEL DISTANCE (TABLE 1017.2)
SPRINKLERED S-1 = 250'
SPRINKLERED S-2 = 400'
SPRINKLERED B = 300'
SPRINKLERED R = 250'
SPRINKLERED M = 250'
SPRINKLERED A = 250'

D. EVERY ROOM OR SPACE THAT IS AN ASSEMBLY WITH AN OCCUPANCY LOAD OF 50 OR MORE SHALL HAVE SIGNAGE POSTED IN A CONSPICUOUS PLACE WITH THE ALLOWABLE OCCUPANT LOAD NEAR THE MAIN EXIT OR EXIT ACCESS DOORWAY. FINAL POSTED SIGN LOCATION(S) AND TYPE SHALL BE APPROVED BY THE FIRE AND BUILDING INSPECTORS PRIOR TO FINAL BUILDING OCCUPANCY CERTIFICATION PER SECTION 1004.9.

E. CLASS I STANDPIPE HOSE CONNECTION SHALL BE PROVIDED ON EACH SIDE OF THE WALL ADJACENT TO THE EXIT OPENING OF A HORIZONTAL EXIT, EXCEPT WHERE FLOOR AREAS ADJACENT TO A HORIZONTAL EXIT ARE REACHABLE FROM EXIT STAIRWAY HOSE CONNECTIONS BY A NOZZLE ATTACHED TO 100 FEET OF HOSE AS MEASURED ALONG THE PATH OF TRAVEL, A STANDPIPE SHALL NOT BE REQUIRED AT THE HORIZONTAL EXIT.

F. DOOR OPENING WIDTHS NOTED IN TABLES ARE BASED ON THE NET CLEAR DOOR OPENING WIDTH FROM FACE OF DOORS TO DOOR STOP.

G. A TYPICAL DOOR LEAF IS 3'-0", U.O.N., WITH A NET CLEAR OPENING OF 33 1/2", WHICH HAS AN OCCUPANT LOAD CAPACITY OF 167 OCCUPANTS.

H. THE EMERGENCY WARNING SYSTEM SHALL ACTIVATE A MEANS OF WARNING FOR THE HEARING IMPAIRED. EMERGENCY WARNING SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 72 AS AMENDED IN CHAPTER 35. A STROBE SHALL ACT AS A MEANS OF WARNING FOR THE HEARING IMPAIRED. THE SYSTEM SHALL BE ABLE TO EXPAND SO THAT ALL UNITS CAN BE ADAPTED TO HAVE STROBES WITHIN THEM.

SHEET NOTES

SHEET NOTE LIST ONLY INCLUDES NOTES USED ON THIS SHEET, AND MAY NOT APPEAR IN NUMERICAL ORDER

LEGEND

- EXIT / OCCUPANT LOAD
- H.E. EXIT / OCCUPANT LOAD @ HORIZONTAL EXIT
- EXIT / CUMULATIVE OCCUPANT LOAD
- EXIT DISCHARGE OCCUPANT LOAD
- MOST REMOTE LOCATION ALONG COMMON PATH OF EGRESS TRAVEL SECTION 1006.2.1
- POINT WHERE SEPARATE PATHS OF EGRESS OCCUR SECTION 1006.2.1
- EXTENT OF TRAVEL DISTANCE ALONG COMMON PATH OF EGRESS TRAVEL SECTION 1006.2.1
- EXTENT OF TRAVEL DISTANCE ALONG EXIT ACCESS TRAVEL DISTANCE SECTION 1017.2
- [OD] = 1/3 [OD] = XX' MIN [DBE] — MAXIMUM OVERALL DIAGONAL [OD] & 1/3 OF OVERALL DIAGONAL [OD] DIMENSION OF THE AREA SERVED PER SECTION 1007.1.1. CALCULATION EQUALS MINIMUM SEPARATION DISTANCE BETWEEN EXITS [DBE]
- [DBE] = — SEPARATION DISTANCE BETWEEN EXITS [DBE] MEASURED PER SECTION 1007.1.1.1

LEGEND

NOTE: SEE A10.0X FOR SPECIFIC WALL TYPES

- PARTIAL HEIGHT WALL
- FULL HEIGHT WALL
- CONCRETE WALL/COLUMN, S.S.D.
- CMU WALL, S.S.D.
- INDICATES 8'-2" MINIMUM VERTICAL CLEARANCE FOR ACCESSIBLE PARKING
- INDICATES SOLAR READY AREA
- PROPERTY LINE
- 1-HR RATED WALL
- 2-HR RATED WALL

TRUE
PROJECT NORTH

FLOOR 3-7 1
1/8" = 1'-0"

BDE ARCHITECTURE
950 Howard Street
San Francisco, CA
94103
P. (415) 677-0966

CLIENT:
ALTA HOUSING · HARVEST PROPERTIES · PROMETHEUS

PROJECT NAME & ADDRESS:

BESPOKE

E 4TH AVE. & S RAILROAD AVE
SAN MATEO, CA

ISSUE: Project Status
ISSUE DATE: Issue Date

REVISIONS :

#	DESCRIPTION	DATE
1	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:

PROJECT NUMBER: 2126
DRAWN BY: NS
CHECKED BY:

STAMP:

STAMP
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SHEET NAME:
EGRESS DIAGRAM FLOOR 3-7

SCALE: As indicated SHEET SIZE: 30 x 42

SHEET NUMBER:
AR0.33

plot date - 1/27/2022 11:45:41 AM
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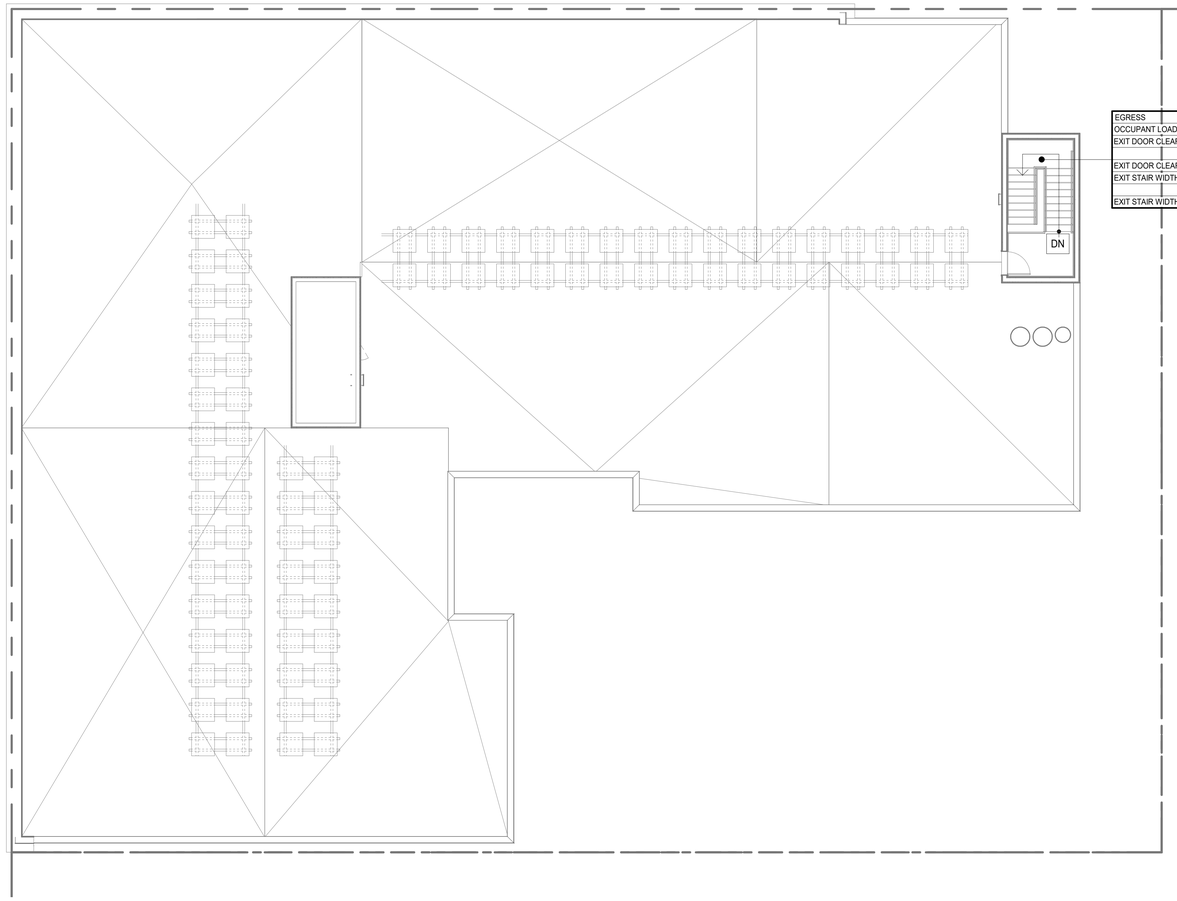
SOUTH RAILROAD AVENUE



EAST 4TH AVENUE

EGRESS	STAIR 1
OCCUPANT LOAD	0
EXIT DOOR CLEAR WIDTH REQUIRED	32" MIN.
0 OCC X 0.2	0"
EXIT DOOR CLEAR WIDTH PROVIDED	33 1/2"
EXIT STAIR WIDTH REQUIRED	44" MIN.
0 OCC X 0.3	0"
EXIT STAIR WIDTH PROVIDED	44"

ROOF 1

1/8" = 1'-0"

GENERAL NOTES

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SHEET NOTES

SHEET NOTE LIST ONLY INCLUDES NOTES USED ON THIS SHEET, AND MAY NOT APPEAR IN NUMERICAL ORDER

LEGEND

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- EXIT / OCCUPANT LOAD @ HORIZONTAL EXIT (H.E.)
- EXIT / CUMULATIVE OCCUPANT LOAD
- EXIT DISCHARGE OCCUPANT LOAD
- MOST REMOTE LOCATION ALONG COMMON PATH OF EGRESS TRAVEL SECTION 1006.2.1
- POINT WHERE SEPARATE PATHS OF EGRESS OCCUR SECTION 1006.2.1
- EXTENT OF TRAVEL DISTANCE ALONG COMMON PATH OF EGRESS TRAVEL SECTION 1006.2.1
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- [OD] = 1/3 [OD] = XX' MIN [DBE] — MAXIMUM OVERALL DIAGONAL [OD] & 1/3 OF OVERALL DIAGONAL [OD] DIMENSION OF THE AREA SERVED PER SECTION 1007.1.1. CALCULATION EQUALS MINIMUM SEPARATION DISTANCE BETWEEN EXITS [DBE]
- [DBE] = SEPARATION DISTANCE BETWEEN EXITS [DBE] MEASURED PER SECTION 1007.1.1.1

LEGEND

NOTE: SEE A10.0X FOR SPECIFIC WALL TYPES

- PARTIAL HEIGHT WALL
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PROJECT NAME & ADDRESS:

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SCALE:

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SHEET NAME:

EGRESS DIAGRAM ROOF

TRUE
PROJECT NORTH

SCALE: As indicated SHEET SIZE: 30 x 42

SHEET NUMBER:

AR0.34

plot date : 1/27/2022 11:45:41 AM
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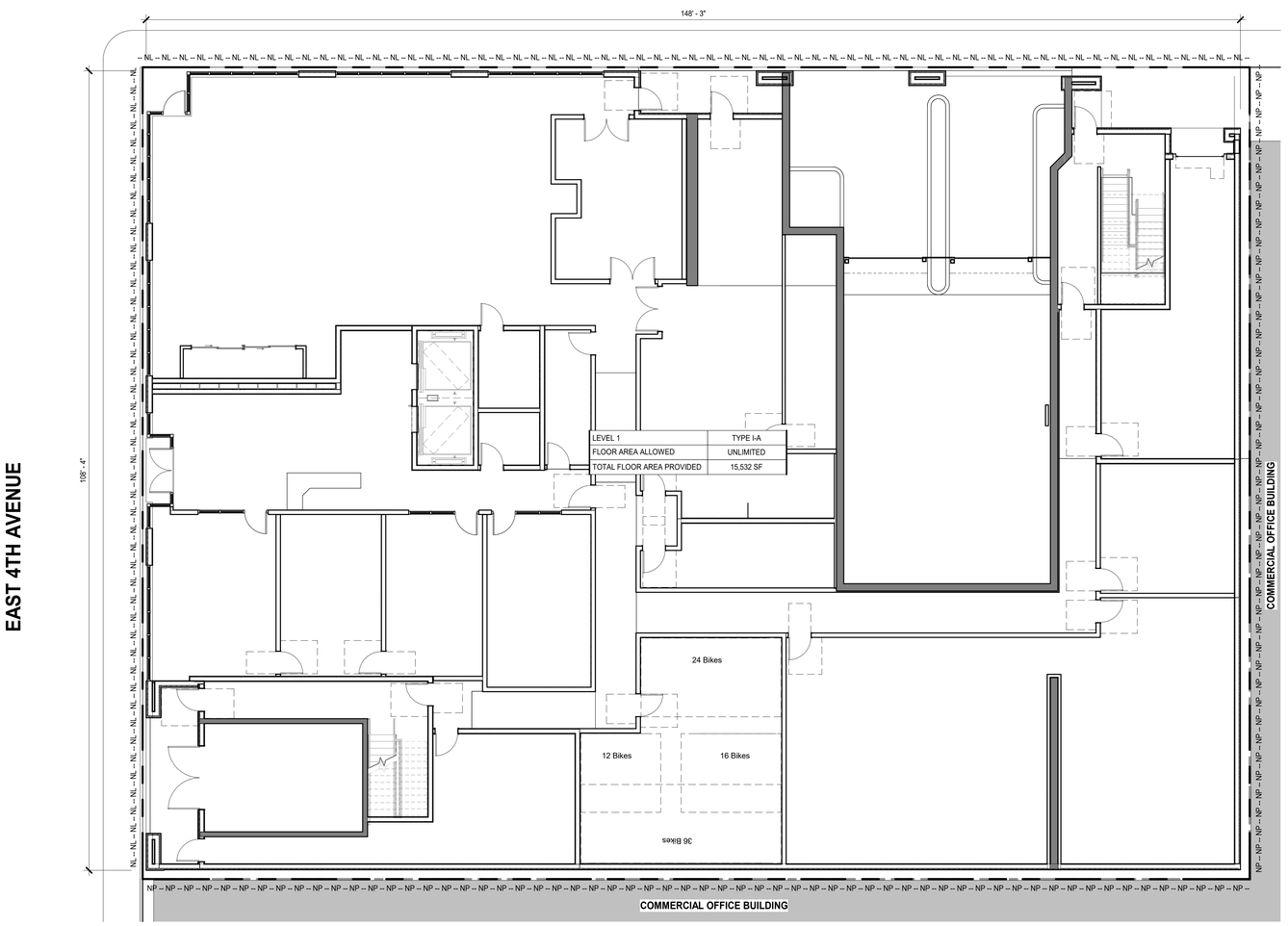

FLOOR 1 1

1/8" = 1'-0"

WALL TYPE NOTES

A. U.O.N., TYPICAL EXTERIOR WALLS TO BE TYPE B1 (REFER TO EXTERIOR ELEVATIONS FOR LOCATIONS).

B. TYPICAL CONC. BASEMENT WALLS TO BE TYPE A1, U.O.N.

C. TYPICAL CMU BASEMENT WALLS TO BE TYPE A10, U.O.N.

D. TYPICAL INT. 1-HR CORRIDOR WALLS TO BE TYPE C1, U.O.N.

E. TYPICAL INTERIOR 1-HR CORRIDOR WALLS AT BATHROOM PLUMBING TO BE TYPE C2, U.O.N.

F. TYPICAL 1-HR UNIT SEPARATION WALLS TO BE TYPE D2 U.O.N. (S.S.D. FOR STUD AND SHEAR CONFIGURATION.)

G. TYPICAL INTERIOR UNIT WALLS TO BE TYPE E2.1

H. TYPICAL INTERIOR UNIT PLUMBING WALLS TO BE TYPE E3.1

I. TYPICAL 1-HR UNIT SEPARATION WALLS AT PLUMBING WALLS TO BE TYPE D1 U.O.N. (S.S.D. FOR STUD AND SHEAR CONFIGURATION.)

J. TYPICAL 2-HR INTERIOR SHAFT WALL TO BE TYPE S1, U.O.N

K. TYPICAL 2-HR INTERIOR SHAFT WALL BETWEEN UNITS, STAIRS, & HOISTWAY TO BE TYPE S4, U.O.N.

FIRE SEPARATION DISTANCE (TABLE 705.8)

MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE WITH UNPROTECTED OPENINGS IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1

	SEPARATION DISTANCE	ALLOWABLE AREA
NP -- NP --	0'-0" < 3'-0"	NOT PERMITTED
15% -- 15% --	3'-0" < 5'-0"	15%
25% -- 25% --	5'-0" < 10'-0"	25%
45% -- 45% --	10'-0" < 15'-0"	45%
75% -- 75% --	15'-0" < 20'-0"	75%
NL -- NL --	> 20'-0"	NO LIMIT

GENERAL NOTES

ALLOWABLE AREA NOTES:
FROM THE 2022 CALIFORNIA BUILDING CODE

BUILDING AREA

506.1 GENERAL. THE FLOOR AREA OF A BUILDING SHALL BE DETERMINED BASED ON THE TYPE OF CONSTRUCTION, OCCUPANCY CLASSIFICATION, WHETHER THERE IS AN AUTOMATIC SPRINKLER SYSTEM INSTALLED THROUGHOUT THE BUILDING AND THE AMOUNT OF BUILDING FRONTAGE ON PUBLIC WAY OR OPEN SPACE.

506.1.1 UNLIMITED AREA BUILDINGS [NOT USED]
506.1.2 SPECIAL PROVISIONS [NOT USED]
506.1.3 BASEMENTS. BASEMENTS NEED NOT BE INCLUDED IN THE TOTAL ALLOWABLE FLOOR AREA OF A BUILDING PROVIDED THE TOTAL AREA OF SUCH BASEMENTS DOES NOT EXCEED THE AREA PERMITTED FOR A ONE-STORY ABOVE GRADE PLANE BUILDING.

506.2 ALLOWABLE AREA DETERMINATION. THE ALLOWABLE AREA OF A BUILDING SHALL BE DETERMINED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTIONS 506.2.1 THROUGH 506.2.4 AND SECTION 506.3.

506.2.1 SINGLE-OCCUPANCY, ONE-STORY BUILDINGS. [NOT USED]
506.2.2. MIXED OCCUPANCY, ONE-STORY BUILDINGS. [NOT USED]
506.2.3 SINGLE-OCCUPANCY MULTISTORY BUILDINGS. THE ALLOWABLE AREA OF A SINGLE-OCCUPANCY BUILDING WITH MORE THAN ONE STORY ABOVE GRADE PLANE SHALL BE DETERMINED IN ACCORDANCE WITH EQUATION 5-2:

A_a = $[A_t + (NS \times I_s)] \times S_a$ **(EQUATION 5-2)**

WHERE:
A_a = ALLOWABLE AREA (SQUARE FEET)
A_t = TABULAR ALLOWABLE AREA FACTOR (NS, S13R, S13D OR SM AS APPLICABLE) IN ACCORDANCE WITH TABLE 506.2.
NS = TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR A NONSPRINKLERED BUILDING (REGARDLESS OF WHETHER THE BUILDING IS SPRINKLERED).
I_s = AREA FACTOR INCREASE DUE TO FRONTAGE (PERCENT) AS CALCULATED IN ACCORDANCE WITH SECTION 506.3.
S_a = *FOR OTHER THAN GROUP A, E, H, I, L, AND R OCCUPANCIES, HIGH-RISE BUILDINGS, AND OTHER APPLICATIONS LISTED IN SECTION 1.11 REGULATED BY THE OFFICE OF THE STATE FIRE MARSHAL, ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE. FOR GROUP A, E, H, I, L, AND R OCCUPANCIES, HIGH-RISE BUILDINGS, AND OTHER APPLICATIONS LISTED IN SECTION 1.11 REGULATED BY THE OFFICE OF THE STATE FIRE MARSHAL, ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLAN, NOT TO EXCEED TWO.*

NO INDIVIDUAL STORY SHALL EXCEED THE ALLOWABLE AREA (A_a) AS DETERMINED BY EQUATION 5-2 USING THE VALUE OF S_a = 1.

506.2.4 MIXED-OCCUPANCY, MULTISTORY BUILDINGS. EACH STORY OF A MIXED-OCCUPANCY BUILDING WITH MORE THAN ONE STORY ABOVE GRADE PLANE SHALL INDIVIDUALLY COMPLY WITH THE APPLICABLE REQUIREMENTS OF SECTION 508.1. FOR BUILDINGS WITH MORE THAN THREE STORIES ABOVE GRADE PLANE, THE TOTAL BUILDING AREA SHALL BE SUCH THAT THE AGGREGATE SUM OF THE RATIOS OF THE ACTUAL AREA OF EACH STORY DIVIDED BY THE ALLOWABLE AREA OF SUCH STORIES, DETERMINED IN ACCORDANCE WITH EQUATION 5-3 BASED ON THE APPLICABLE PROVISIONS OF SECTION 508.1, SHALL NOT EXCEED THREE, *PROVIDED THE AGGREGATE SUM OF THE RATIOS FOR PORTIONS OF MIXED - OCCUPANCY, MULTISTORY BUILDINGS CONTAINING A, E, H, I, L AND R OCCUPANCIES,HIGH-RISE BUILDINGS, AND OTHER APPLICATIONS LISTED IN SECTION 1.11 REGULATED BY THE OFFICE OF THE STATE FIRE MARSHAL, INCLUDING ANY OTHER ASSOCIATED NON-SEPARATED OCCUPANCIES, SHALL NOT EXCEED TWO.*

A_a = $[A_t + (NS \times I_s)]$ **(EQUATION 5-3)**

WHERE:
A_a = ALLOWABLE AREA (SQUARE FEET).
A_t = TABULAR ALLOWABLE AREA FACTOR (NS, S13R, S13D OR SM AS APPLICABLE) IN ACCORDANCE WITH TABLE 506.2.
NS = TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR A NONSPRINKLERED BUILDING (REGARDLESS OF WHETHER THE BUILDING IS SPRINKLERED).
I_s = AREA FACTOR INCREASE DUE TO FRONTAGE (PERCENT) AS CALCULATED IN ACCORDANCE WITH SECTION 506.3.

506.3 FRONTAGE INCREASE. EVERY BUILDING SHALL ADJOIN OR HAVE ACCESS TO A PUBLIC WAY TO RECEIVE AN AREA FACTOR INCREASE BASED ON FRONTAGE. AREA FACTOR INCREASE SHALL BE DETERMINED IN ACCORDANCE WITH SECTIONS 506.3.1 THROUGH 506.3.3.

506.3.1 MINIMUM PERCENTAGE OF PERIMETER. TO QUALIFY FOR AN AREA FACTOR INCREASE BASED ON FRONTAGE, A BUILDING SHALL HAVE NOT LESS THAN 25 PERCENT OF ITS PERIMETER ON A PUBLIC WAY OR OPEN SPACE. SUCH OPEN SPACE SHALL BE EITHER ON THE SAME LOT OR DEDICATED FOR PUBLIC USE AND SHALL BE ACCESSED FROM A STREET OR APPROVED FIRE LANE.

506.3.2 MINIMUM FRONTAGE DISTANCE. TO QUALIFY FOR AN AREA FACTOR INCREASE BASED ON FRONTAGE, THE PUBLIC WAY OR OPEN SPACE ADJACENT TO THE BUILDING PERIMETER SHALL HAVE A MINIMUM DISTANCE (W) OF 20 FEET (6096 MM) MEASURED AT RIGHT ANGLES FROM THE BUILDING FACE TO ANY OF THE FOLLOWING:
1. THE CLOSEST INTERIOR LOT LINE.
2. THE ENTIRE WIDTH OF A STREET, ALLEY OR PUBLIC WAY.
3. THE EXTERIOR FACE OF AN ADJACENT BUILDING ON THE SAME PROPERTY.

WHERE THE VALUE OF W IS GREATER THAN 30 FEET (9144MM), A VALUE OF 30 FEET (9144 MM) SHALL BE USED IN CALCULATING THE BUILDING AREA INCREASE BASED ON FRONTAGE, REGARDLESS OF THE ACTUAL WIDTH OF THE PUBLIC WAY OR OPEN SPACE. WHERE THE VALUE OF W VARIES ALONG THE PERIMETER OF THE BUILDING, THE CALCULATION PERFORMED IN ACCORDANCE WITH EQUATION 5-5 SHALL BE BASED ON THE WEIGHTED AVERAGE CALCULATED IN ACCORDANCE WITH EQUATION 5-4.

W = $(L_1 \times W_1 + L_2 \times W_2 + L_3 \times W_3 \ldots) / F$ **(EQUATION 5-4)**

WHERE:
W (WIDTH: WEIGHTED AVERAGE) = CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET).
L_1 = LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL
W_N = WIDTH (> 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL.
F = BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET (6096 MM) OR MORE.

506.3.3. AMOUNT OF INCREASE. THE AREA FACTOR INCREASE BASED ON FRONTAGE SHALL BE DETERMINED IN ACCORDANCE WITH EQUATION 5-5:

I_s = [F/P - 0.25] (W/30) **(EQUATION 5-5)**

WHERE:
I_s = AREA FACTOR INCREASE DUE TO FRONTAGE.
F = BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING MINIMUM DISTANCE OF 20 FEET (6096 MM)
P = PERIMETER OF ENTIRE BUILDING (FEET)
W = WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2.

504.3 HEIGHT IN FEET. THE MAXIMUM HEIGHT, IN FEET, OF A BUILDING SHALL NOT EXCEED THE LIMITS SPECIFIED IN TABLE 504.3.

504.4 NUMBER OF STORIES. THE MAXIMUM NUMBER OF STORIES OF A BUILDING SHALL NOT EXCEED THE LIMITS SPECIFIED IN TABLE 504.4.

SPECIAL PROVISIONS

510.2 HORIZONTAL BUILDING SEPARATION ALLOWANCE. A BUILDING SHALL BE CONSIDERED AS SEPARATE AND DISTINCT BUILDINGS FOR THE PURPOSE OF DETERMINING AREA LIMITATIONS, CONTINUITY OF FIRE WALLS, LIMITATION OF NUMBERS OF STORIES AND TYPE OF CONSTRUCTION WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET:
1. THE BUILDINGS ARE SEPARATED WITH A HORIZONTAL ASSEMBLY HAVING A FIRE-RESISTANCE RATING OF NOT LESS THAN 3 HOURS. WHERE VERTICAL OFFSETS ARE PROVIDED AS PART OF A HORIZONTAL ASSEMBLY, THE VERTICAL OFFSET AND THE STRUCTURE SUPPORTING THE VERTICAL OFFSET SHALL HAVE A FIRE-RESISTANCE RATING OF NOT LESS THAN 3 HOURS.
2. THE BUILDING BELOW, INCLUDING THE HORIZONTAL ASSEMBLY, IS OF TYPE IA CONSTRUCTION.
3. SHAFT, STAIRWAY, RAMP AND ESCALATOR ENCLOSURES THROUGH THE HORIZONTAL ASSEMBLIES SHALL HAVE NOT LESS THAN A 2-HOUR FIRE-RESISTANCE RATING WITH OPENING PROTECTIVES IN ACCORDANCE WITH SECTION 716.

EXCEPTION: WHERE THE ENCLOSURE WALLS BELOW THE HORIZONTAL ASSEMBLY HAVE NOT LESS THAN A 3-HOUR FIRE RESISTANCE RATING WITH OPENING PROTECTIVES IN ACCORDANCE WITH SECTION 716, THE ENCLOSURE WALLS EXTENDING ABOVE THE HORIZONTAL ASSEMBLY SHALL BE PERMITTED TO HAVE A 1-HOUR FIRE-RESISTANCE RATING, PROVIDED:
A. THE BUILDING ABOVE THE HORIZONTAL ASSEMBLY IS NOT REQUIRED TO BE OF TYPE I CONSTRUCTION;
B. THE ENCLOSURE CONNECTS FEWER THAN FOUR STORIES; AND
C. THE ENCLOSURE OPENING PROTECTIVES ABOVE THE HORIZONTAL ASSEMBLY HAVE A FIRE PROTECTION RATING OF NOT LESS THAN 1 HOUR.

4. THE BUILDING OR BUILDINGS ABOVE THE HORIZONTAL ASSEMBLY SHALL BE PERMITTED TO HAVE MULTIPLE GROUP A OCCUPANCY USES, EACH WITH AN OCCUPANT LOAD OF LESS THAN 300, OR GROUP B, M, R OR S OCCUPANCIES.
5. THE BUILDING BELOW THE HORIZONTAL ASSEMBLY SHALL BE PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 AND SHALL BE PERMITTED TO BE ANY OCCUPANCY ALLOWED BY THIS CODE EXCEPT GROUP H.
6. THE MAXIMUM BUILDING HEIGHT IN FEET SHALL NOT EXCEED THE LIMITS SET FORTH IN SECTION 504.3 FOR THE BUILDING HAVING THE SMALLER ALLOWABLE HEIGHT AS MEASURED FROM THE GRADE PLANE.

GENERAL NOTES (CONT.)

FIRE WALLS
706.5 HORIZONTAL CONTINUITY. FIRE WALLS SHALL BE CONTINUOUS FROM EXTERIOR WALL TO EXTERIOR WALL AND SHALL EXTEND AT LEAST 18" BEYOND THE EXTERIOR SURFACE OF EXTERIOR WALLS.
EXCEPTIONS
1. [NOT USED]
2. [NOT USED]
3. FIRE WALLS SHALL BE PERMITTED TO TERMINATE AT THE INTERIOR SURFACE OF NONCOMBUSTIBLE EXTERIOR SHEATHING WHERE THE BUILDING ON EACH SIDE OF THE FIRE WALL IS PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2.

706.5.1 EXTERIOR WALLS. WHERE THE FIRE WALL INTERSECTS EXTERIOR WALLS, THE FIRE-RESISTANCE RATING AND OPENING PROTECTION OF THE EXTERIOR WALLS SHALL COMPLY WITH ONE OF THE FOLLOWING:
1. [NOT USED]
2. BUILDINGS OR SPACES ON BOTH SIDES OF THE INTERSECTING FIRE WALL SHALL ASSUME TO HAVE AN IMAGINARY LOT LINE AT THE FIRE WALL AND EXTENDING BEYOND THE EXTERIOR OF THE FIRE WALL. THE LOCATION OF THE ASSUMED LINE IN RELATION TO THE EXTERIOR WALLS AND THE FIRE WALL SHALL BE SUCH THAT THE EXTERIOR WALL AND OPENING PROTECTION MEET THE REQUIREMENTS SET FORTH IN SECTIONS 705.5 AND 705.8. SUCH PROTECTION IS NOT REQUIRED FOR EXTERIOR WALLS TERMINATING AT FIRE WALLS THAT FORM AN ANGLE EQUAL TO OR GREATER THAN 180 DEGREES.

706.5.2 HORIZONTAL PROJECTING ELEMENTS. FIRE WALLS SHALL EXTEND TO THE OUTER EDGE OF HORIZONTAL PROJECTING ELEMENTS SUCH AS BALCONIES, ROOF OVERHANGS, CANOPIES, MARQUEES AND SIMILAR PROJECTIONS THAT ARE WITHIN 4 FEET OF THE FIRE WALL.
EXCEPTIONS:
1. HORIZONTAL PROJECTING ELEMENTS WITHOUT CONCEALED SPACES, PROVIDED THAT THE EXTERIOR WALL BEHIND AND BELOW THE PROJECTING ELEMENT HAS NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATE CONSTRUCTION FOR A DISTANCE NOT LESS THAN THE DEPTH OF THE PROJECTING ELEMENT ON BOTH SIDES OF THE FIRE WALL. OPENINGS WITHIN SUCH EXTERIOR WALLS SHALL BE PROTECTED BY OPENING PROTECTIVES HAVING A FIRE PROTECTION RATING OF NOT LESS THAN 3/4 HOUR.
2. NONCOMBUSTIBLE HORIZONTAL PROJECTING ELEMENTS WITH CONCEALED SPACES, PROVIDED THAT A MINIMUM 1-HOUR FIRE-RESISTANCE-RATED WALL EXTENDS THROUGH THE CONCEALED SPACE. THE PROJECTING ELEMENT SHALL BE SEPARATED FROM THE BUILDING BY NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATED CONSTRUCTION FOR A DISTANCE ON EACH SIDE OF THE FIRE WALL EQUAL TO THE DEPTH OF THE PROJECTING ELEMENT. THE WALL IS NOT REQUIRED TO EXTEND UNDER THE PROJECTING ELEMENT WHERE THE BUILDING EXTERIOR WALL IS NOT LESS THAN 1-HOUR FIRE-RESISTANCE RATED FOR A DISTANCE ON EACH SIDE OF THE FIRE WALL EQUAL TO THE DEPTH OF THE PROJECTING ELEMENT. OPENINGS WITHIN SUCH EXTERIOR WALLS SHALL BE PROTECTED BY OPENING PROTECTIVES HAVING A FIRE PROTECTION RATING OF NOT LESS THAN 3/4 HOUR.
3. FOR COMBUSTIBLE HORIZONTAL PROJECTING ELEMENTS WITH CONCEALED SPACES, THE FIRE WALL NEED ONLY EXTEND THROUGH THE CONCEALED SPACE TO THE OUTER EDGES OF THE PROJECTING ELEMENTS. THE EXTERIOR WALL BEHIND AND BELOW THE PROJECTING ELEMENT SHALL BE OF NOT LESS THAN 1-HOUR FIRE-RESISTANCE RATED CONSTRUCTION FOR A DISTANCE NOT LESS THAN THE DEPTH OF THE PROJECTING ELEMENTS ON BOTH SIDES OF THE FIRE WALL. OPENINGS WITHIN SUCH EXTERIOR WALLS SHALL BE PROTECTED BY OPENING PROTECTIVES HAVING A FIRE PROTECTION RATING OF NOT LESS THAN 3/4 HOUR.

706.6 VERTICAL CONTINUITY. FIRE WALLS SHALL EXTEND FROM THE FOUNDATION TO A TERMINATION POINT AT LEAST 30" ABOVE BOTH ADJACENT ROOFS.
EXCEPTIONS:
1. STEPPED BUILDINGS IN ACCORDANCE WITH SECTION 706.6.1.
2. TWO-HOUR FIRE-RESISTANCE-RATED WALLS SHALL BE PERMITTED TO TERMINATE AT THE UNDERSIDE OF THE ROOF SHEATHING, DECK OR SLAB, PROVIDED THAT:
   2.1. THE LOWER ROOF ASSEMBLY WITHIN 4 FEET OF THE WALL HAS NOT LESS THAN A 1-HOUR FIRE RESISTANCE RATING AND THE ENTIRE LENGTH AND SPAN OF SUPPORTING ELEMENTS FOR THE RATED ROOF ASSEMBLY HAS A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR.
   2.2. OPENINGS IN THE ROOF SHALL NOT BE LOCATED WITHIN 4 FEET OF THE FIRE WALL.
   2.3. EACH BUILDING SHALL BE PROVIDED WITH NOT LESS THAN A CLASS B ROOF COVERING.
3. WALLS SHALL BE PERMITTED TO TERMINATE AT THE UNDERSIDE OF NONCOMBUSTIBLE ROOF SHEATHING, DECK OR SLABS WHERE BOTH BUILDINGS ARE PROVIDED WITH NOT LESS THAN A CLASS B ROOF COVERING. OPENINGS IN THE ROOF SHALL NOT BE LOCATED WITHIN 4 FEET OF THE FIRE WALL.
4. IN BUILDINGS OF TYPE II, IV AND V CONSTRUCTION, WALLS SHALL BE PERMITTED TO TERMINATE AT THE UNDERSIDE OF COMBUSTIBLE ROOF SHEATHING OR DECKS, PROVIDED THAT ALL OF THE FOLLOWING REQUIREMENTS ARE MET.
   4.1 ROOF OPENINGS ARE NOT LESS THAN 4 FEET FROM THE FIRE WALL.
   4.2 THE ROOF IS COVERED WITH A MINIMUM CLASS B ROOF COVERING.
   4.3 THE ROOF SHEATHING OR DECK IS CONSTRUCTED OF FIRE-RETARDANT-TREATED WOOD FOR A DISTANCE OF 4 FEET ON BOTH SIDES OF THE WALL OR THE ROOF IS PROTECTED WITH 5/8" TYPE X GYPSUM BOARD DIRECTLY BENEATH THE UNDERSIDE OF THE ROOF SHEATHING OR DECK, SUPPORTED BY NOT LESS THAN 2-INCH NOMINAL LEDGERS ATTACHED TO THE SIDES OF THE ROOF FRAMING MEMBERS FOR A DISTANCE OF NOT LESS THAN 4 FEET ON BOTH SIDES OF THE FIRE WALL.
5. IN BUILDINGS DESIGNED IN ACCORDANCE WITH SECTION 510.2, FIRE WALLS LOCATED ABOVE THE 3-HOUR HORIZONTAL ASSEMBLY REQUIRED BY SECTION 510.2, ITEM 1 SHALL BE PERMITTED TO EXTEND FROM THE TOP OF THIS HORIZONTAL ASSEMBLY.
6. BUILDINGS WITH SLOPED ROOFS IN ACCORDANCE WITH SECTION 706.6.2.

706.6.1 STEPPED BUILDINGS. WHERE A FIRE WALL SERVES AS AN EXTERIOR WALL FOR A BUILDING AND SEPARATES BUILDINGS HAVING DIFFERENT ROOF LEVELS, SUCH WALL SHALL TERMINATE AT A POINT NOT LESS THAN 30 INCHES (762 MM) ABOVE THE LOWER ROOF LEVEL, PROVIDED THE EXTERIOR WALL FOR A HEIGHT OF 15 FEET (4572 MM) ABOVE THE LOWER ROOF IS NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATED CONSTRUCTION FROM BOTH SIDES WITH OPENINGS PROTECTED BY FIRE ASSEMBLIES HAVING A FIRE PROTECTION RATING OF NOT LESS THAN 3/4 HOUR.

EXCEPTION: WHERE THE FIRE WALL TERMINATES AT THE UNDERSIDE OF THE ROOF SHEATHING, DECK OR SLAB OF THE LOWER ROOF, PROVIDED THAT:
1. THE LOWER ROOF ASSEMBLY WITHIN 10 FEET (3048MM) OF THE WALL HAS NOT LESS THAN A 1-HOUR FIRE RESISTANCE RATING AND THE ENTIRE LENGTH AND SPAN OF SUPPORTING ELEMENTS FOR THE RATED ROOF ASSEMBLY HAS A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR.
2. OPENINGS IN THE LOWER ROOF SHALL NOT BE LOCATED WITHIN 10 FEET (3048 MM) OF THE FIRE WALL.

706.8 OPENINGS. EACH OPENING THROUGH A FIRE WALL SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 716.5 AND SHALL NOT EXCEED 156 SQUARE FEET (15 m²). THE AGGREGATE WIDTH OF OPENINGS AT ANY FLOOR LEVEL SHALL NOT EXCEED 25 PERCENT OF THE LENGTH OF THE WALL.

EXCEPTIONS:
1. OPENINGS ARE NOT PERMITTED IN PARTY WALLS CONSTRUCTED IN ACCORDANCE WITH SECTION 706.1.1.
2. OPENINGS SHALL NOT BE LIMITED TO 156 SQUARE FEET (15 m²) WHERE BOTH BUILDINGS ARE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1.

706.9 PENETRATIONS. PENETRATIONS OF FIRE WALLS SHALL COMPLY WITH SECTION 714.

706.10 JOINTS. JOINTS MADE IN OR BETWEEN FIRE WALLS SHALL COMPLY WITH SECTION 715.

706.11 DUCTS AND AIR TRANSFER OPENINGS. DUCTS AND AIR TRANSFER OPENINGS SHALL NOT PENETRATE FIRE WALLS.

EXCEPTION: PENETRATIONS BY DUCTS AND AIR TRANSFER OPENINGS OF FIRE WALLS THAT ARE NOT ON A LOT LINE SHALL BE ALLOWED PROVIDED THE PENETRATIONS COMPLY WITH SECTION 717. THE SIZE AND AGGREGATE WIDTH OF ALL OPENINGS SHALL NOT EXCEED THE LIMITATIONS OF SECTION 706.8.

BDE ARCHITECTURE
950 Howard Street
San Francisco, CA
94103
P. (415) 677-0966

CLIENT:
ALTA HOUSING | HARVEST PROPERTIES
PROMETHEUS

PROJECT NAME & ADDRESS:

BESPOKE

E 4TH AVE. & S RAILROAD AVE
SAN MATEO, CA

ISSUE: Project Status
ISSUE DATE: Issue Date

REVISIONS :

#	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:

PROJECT NUMBER: 2126
DRAWN BY: NS
CHECKED BY:

STAMP:

STAMP
ALL DRAWINGS AND WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

SHEET NAME:

ALLOWABLE AREA / OPENINGS CALCULATIONS

TRUE
PROJECT NORTH

SCALE: As indicated SHEET SIZE: 30 x 42

SHEET NUMBER:

AR0.41

plot date: 1/26/2024 12:37:56 PM
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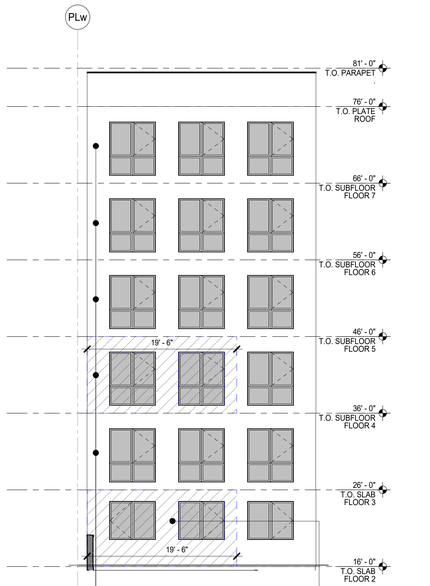


LEVELS 3-7: AREA OF EXTERIOR WALL
195 SF PER FLOOR

PER CBC TABLE 705.8
10' TO LESS THAN 15' = 45% PERMITTED

ALLOWABLE = 195 SF x .45 = 88 SF
PROPOSED = 84 SF
84 SF < 88 SF = **COMPLIES**

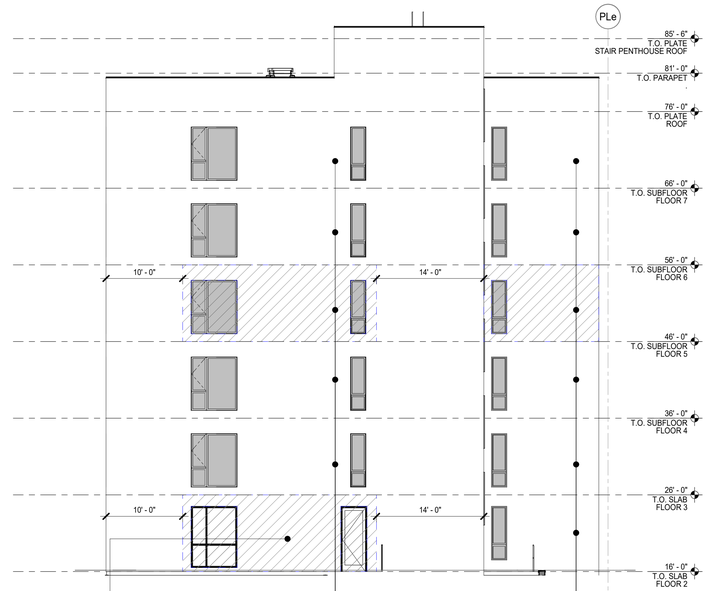
LEVEL 2: AREA OF EXTERIOR WALL
195 SF PER FLOOR

PER CBC TABLE 705.8
10' TO LESS THAN 15' = 45% PERMITTED

ALLOWABLE = 195 SF x .45 = 88 SF
PROPOSED = 60 SF
60 SF < 88 SF = **COMPLIES**

PARTIAL ELEVATION - ALLOWABLE OPENINGS FACING COURTYARD 3

1/8" = 1'-0"



LEVEL 2: AREA OF EXTERIOR WALL
253 SF PER FLOOR

PER CBC TABLE 705.8
10' TO LESS THAN 15' = 45% PERMITTED

ALLOWABLE = 253 SF x .45 = 114 SF
PROPOSED = 77 SF
77 SF < 114 SF = **COMPLIES**

LEVELS 3-7: AREA OF EXTERIOR WALL
253 SF PER FLOOR

PER CBC TABLE 705.8
10' TO LESS THAN 15' = 45% PERMITTED

ALLOWABLE = 253 SF x .45 = 114 SF
PROPOSED = 56 SF
56 SF < 114 SF = **COMPLIES**

LEVELS 2-7: AREA OF EXTERIOR WALL
150 SF PER FLOOR

PER CBC TABLE 705.8
10' TO LESS THAN 15' = 45% PERMITTED

ALLOWABLE = 150 SF x .45 = 67.5 SF
PROPOSED = 14 SF
14 SF < 67.5 SF = **COMPLIES**

PARTIAL ELEVATION - ALLOWABLE OPENINGS FACING COMMERCIAL PROPERTY 2

1/8" = 1'-0"

WALL TYPE NOTES

A. U.O.N., TYPICAL EXTERIOR WALLS TO BE TYPE B1 (REFER TO EXTERIOR ELEVATIONS FOR LOCATIONS).

B. TYPICAL CONC. BASEMENT WALLS TO BE TYPE A1, U.O.N.

C. TYPICAL CMU BASEMENT WALLS TO BE TYPE A10, U.O.N.

D. TYPICAL INT. 1-HR CORRIDOR WALLS TO BE TYPE C1, U.O.N.

E. TYPICAL INTERIOR 1-HR CORRIDOR WALLS AT BATHROOM PLUMBING TO BE TYPE C2, U.O.N.

F. TYPICAL 1-HR UNIT SEPARATION WALLS TO BE TYPE D2 U.O.N. (S.S.D. FOR STUD AND SHEAR CONFIGURATION.)

G. TYPICAL INTERIOR UNIT WALLS TO BE TYPE E2.1

H. TYPICAL INTERIOR UNIT PLUMBING WALLS TO BE TYPE E3.1

I. TYPICAL 1-HR UNIT SEPARATION WALLS AT PLUMBING WALLS TO BE TYPE D1 U.O.N. (S.S.D. FOR STUD AND SHEAR CONFIGURATION.)

J. TYPICAL 2-HR INTERIOR SHAFT WALL TO BE TYPE S1, U.O.N

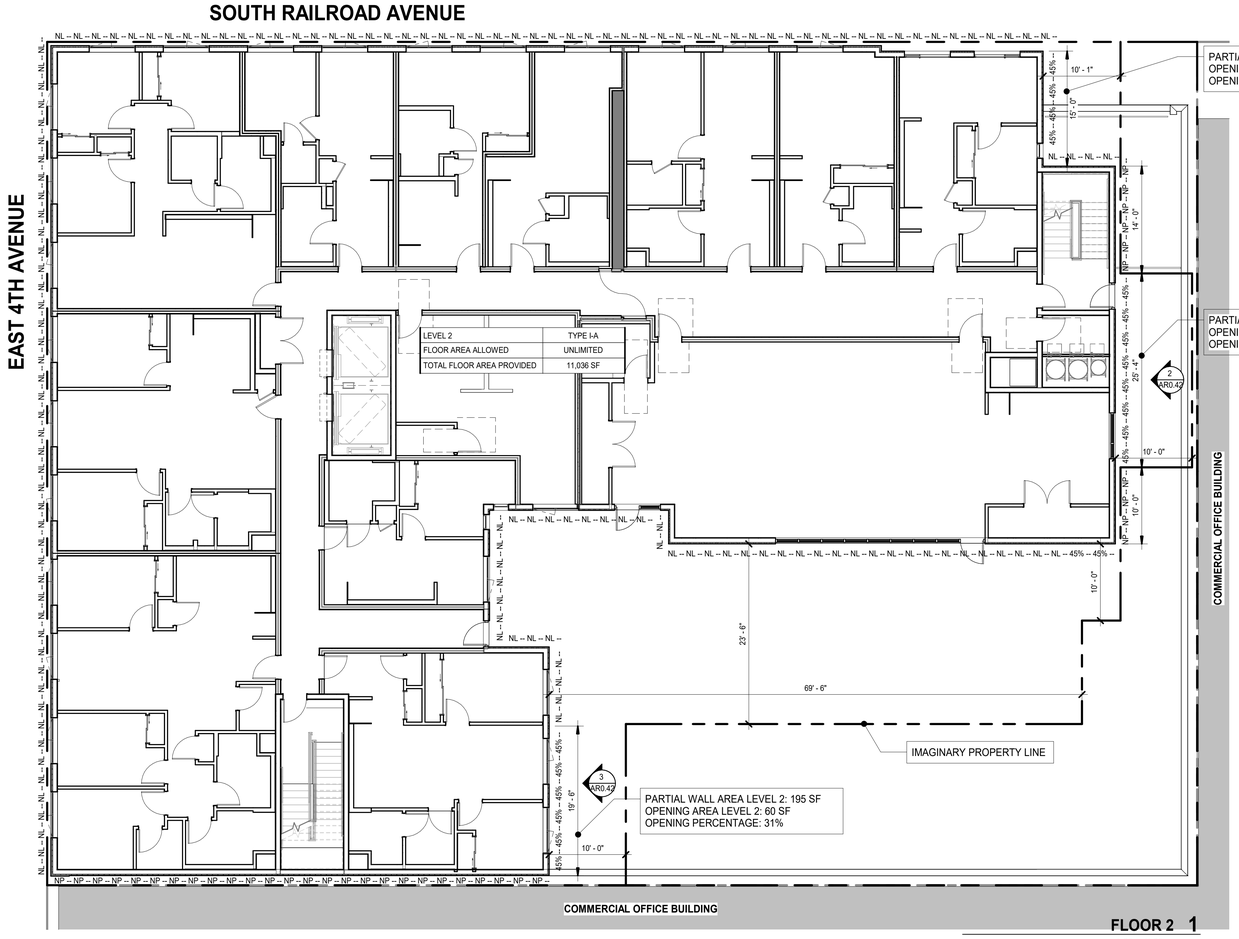
K. TYPICAL 2-HR INTERIOR SHAFT WALL BETWEEN UNITS, STAIRS, & HOISTWAY TO BE TYPE S4, U.O.N.

FIRE SEPARATION DISTANCE (TABLE 705.8)

MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPARATION DISTANCE WITH UNPROTECTED OPENINGS IN BUILDINGS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1

SEPARATION DISTANCE	ALLOWABLE AREA
NP -- NP --	0'-0" < 3'-0"	NOT PERMITTED
15% -- 15% --	3'-0" < 5'-0"	15%
25% -- 25% --	5'-0" < 10'-0"	25%
45% -- 45% --	10'-0" < 15'-0"	45%
75% -- 75% --	15'-0" < 20'-0"	75%
NL -- NL --	> 20'-0"	NO LIMIT

SOUTH RAILROAD AVENUE



FLOOR 2 1

1/8" = 1'-0"

GENERAL NOTES

ALLOWABLE AREA NOTES:
FROM THE 2022 CALIFORNIA BUILDING CODE

BUILDING AREA

506.1 GENERAL. THE FLOOR AREA OF A BUILDING SHALL BE DETERMINED BASED ON THE TYPE OF CONSTRUCTION, OCCUPANCY CLASSIFICATION, WHETHER THERE IS AN AUTOMATIC SPRINKLER SYSTEM INSTALLED THROUGHOUT THE BUILDING AND THE AMOUNT OF BUILDING FRONTAGE ON PUBLIC WAY OR OPEN SPACE.

506.1.1 UNLIMITED AREA BUILDINGS [NOT USED]
506.1.2 SPECIAL PROVISIONS [NOT USED]
506.1.3 BASEMENTS. BASEMENTS NEED NOT BE INCLUDED IN THE TOTAL ALLOWABLE FLOOR AREA OF A BUILDING PROVIDED THE TOTAL AREA OF SUCH BASEMENTS DOES NOT EXCEED THE AREA PERMITTED FOR A ONE-STORY ABOVE GRADE PLANE BUILDING.

506.2 ALLOWABLE AREA DETERMINATION. THE ALLOWABLE AREA OF A BUILDING SHALL BE DETERMINED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTIONS 506.2.1 THROUGH 506.2.4 AND SECTION 506.3.

506.2.1 SINGLE-OCCUPANCY, ONE-STORY BUILDINGS. [NOT USED]
506.2.2. MIXED OCCUPANCY, ONE-STORY BUILDINGS. [NOT USED]
506.2.3 SINGLE-OCCUPANCY MULTISTORY BUILDINGS. THE ALLOWABLE AREA OF A SINGLE-OCCUPANCY BUILDING WITH MORE THAN ONE STORY ABOVE GRADE PLANE SHALL BE DETERMINED IN ACCORDANCE WITH EQUATION 5-2:

$A_a = [A_t + (NS \times I_f)] \times S_a$ **(EQUATION 5-2)**

WHERE:
A_a = ALLOWABLE AREA (SQUARE FEET)
A_t = TABULAR ALLOWABLE AREA FACTOR (NS, S13R, S13D OR SM AS APPLICABLE) IN ACCORDANCE WITH TABLE 506.2.
NS = TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR A NONSPRINKLERED BUILDING (REGARDLESS OF WHETHER THE BUILDING IS SPRINKLERED).
I_f = AREA FACTOR INCREASE DUE TO FRONTAGE (PERCENT) AS CALCULATED IN ACCORDANCE WITH SECTION 506.3.
S_a = *FOR OTHER THAN GROUP A, E, H, I, L, AND R OCCUPANCIES, HIGH-RISE BUILDINGS, AND OTHER APPLICATIONS LISTED IN SECTION 1.11 REGULATED BY THE OFFICE OF THE STATE FIRE MARSHAL, ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLANE, NOT TO EXCEED THREE. FOR GROUP A, E, H, I, L, AND R OCCUPANCIES, HIGH-RISE BUILDINGS, AND OTHER APPLICATIONS LISTED IN SECTION 1.11 REGULATED BY THE OFFICE OF THE STATE FIRE MARSHAL, ACTUAL NUMBER OF BUILDING STORIES ABOVE GRADE PLAN, NOT TO EXCEED TWO.*

NO INDIVIDUAL STORY SHALL EXCEED THE ALLOWABLE AREA (A_a) AS DETERMINED BY EQUATION 5-2 USING THE VALUE OF S_a = 1.

506.2.4 MIXED-OCCUPANCY, MULTISTORY BUILDINGS. EACH STORY OF A MIXED-OCCUPANCY BUILDING WITH MORE THAN ONE STORY ABOVE GRADE PLANE SHALL INDIVIDUALLY COMPLY WITH THE APPLICABLE REQUIREMENTS OF SECTION 508.1. FOR BUILDINGS WITH MORE THAN THREE STORIES ABOVE GRADE PLANE, THE TOTAL BUILDING AREA SHALL BE SUCH THAT THE AGGREGATE SUM OF THE RATIOS OF THE ACTUAL AREA OF EACH STORY DIVIDED BY THE ALLOWABLE AREA OF SUCH STORIES, DETERMINED IN ACCORDANCE WITH EQUATION 5-3 BASED ON THE APPLICABLE PROVISIONS OF SECTION 508.1, SHALL NOT EXCEED THREE, *PROVIDED THE AGGREGATE SUM OF THE RATIOS FOR PORTIONS OF MIXED - OCCUPANCY, MULTISTORY BUILDINGS CONTAINING A, E, H, I, L AND R OCCUPANCIES,HIGH-RISE BUILDINGS, AND OTHER APPLICATIONS LISTED IN SECTION 1.11 REGULATED BY THE OFFICE OF THE STATE FIRE MARSHAL, INCLUDING ANY OTHER ASSOCIATED NON-SEPARATED OCCUPANCIES, SHALL NOT EXCEED TWO.*

$A_a = [A_t + (NS \times I_f)]$ **(EQUATION 5-3)**

WHERE:
A_a = ALLOWABLE AREA (SQUARE FEET).
A_t = TABULAR ALLOWABLE AREA FACTOR (NS, S13R, S13D OR SM AS APPLICABLE) IN ACCORDANCE WITH TABLE 506.2.
NS = TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2 FOR A NONSPRINKLERED BUILDING (REGARDLESS OF WHETHER THE BUILDING IS SPRINKLERED).
I_f = AREA FACTOR INCREASE DUE TO FRONTAGE (PERCENT) AS CALCULATED IN ACCORDANCE WITH SECTION 506.3.

506.3 FRONTAGE INCREASE. EVERY BUILDING SHALL ADJOIN OR HAVE ACCESS TO A PUBLIC WAY TO RECEIVE AN AREA FACTOR INCREASE BASED ON FRONTAGE. AREA FACTOR INCREASE SHALL BE DETERMINED IN ACCORDANCE WITH SECTIONS 506.3.1 THROUGH 506.3.3.

506.3.1 MINIMUM PERCENTAGE OF PERIMETER. TO QUALIFY FOR AN AREA FACTOR INCREASE BASED ON FRONTAGE, A BUILDING SHALL HAVE NOT LESS THAN 25 PERCENT OF ITS PERIMETER ON A PUBLIC WAY OR OPEN SPACE. SUCH OPEN SPACE SHALL BE EITHER ON THE SAME LOT OR DEDICATED FOR PUBLIC USE AND SHALL BE ACCESSED FROM A STREET OR APPROVED FIRE LANE.

506.3.2 MINIMUM FRONTAGE DISTANCE. TO QUALIFY FOR AN AREA FACTOR INCREASE BASED ON FRONTAGE, THE PUBLIC WAY OR OPEN SPACE ADJACENT TO THE BUILDING PERIMETER SHALL HAVE A MINIMUM DISTANCE (W) OF 20 FEET (6096 MM) MEASURED AT RIGHT ANGLES FROM THE BUILDING FACE TO ANY OF THE FOLLOWING:
1. THE CLOSEST INTERIOR LOT LINE.
2. THE ENTIRE WIDTH OF A STREET, ALLEY OR PUBLIC WAY.
3. THE EXTERIOR FACE OF AN ADJACENT BUILDING ON THE SAME PROPERTY.

WHERE THE VALUE OF W IS GREATER THAN 30 FEET (9144MM), A VALUE OF 30 FEET (9144 MM) SHALL BE USED IN CALCULATING THE BUILDING AREA INCREASE BASED ON FRONTAGE, REGARDLESS OF THE ACTUAL WIDTH OF THE PUBLIC WAY OR OPEN SPACE. WHERE THE VALUE OF W VARIES ALONG THE PERIMETER OF THE BUILDING, THE CALCULATION PERFORMED IN ACCORDANCE WITH EQUATION 5-5 SHALL BE BASED ON THE WEIGHTED AVERAGE CALCULATED IN ACCORDANCE WITH EQUATION 5-4.

$W = (L_1 \times W_1 + L_2 \times W_2 + L_3 \times W_3 \ldots) / F$ **(EQUATION 5-4)**

WHERE:
W (WIDTH: WEIGHTED AVERAGE) = CALCULATED WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET)
L = LENGTH OF A PORTION OF THE EXTERIOR PERIMETER WALL.
W_1 = WIDTH (> 20 FEET) OF A PUBLIC WAY OR OPEN SPACE ASSOCIATED WITH THAT PORTION OF THE EXTERIOR PERIMETER WALL.
F = BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING A WIDTH OF 20 FEET (6096 MM) OR MORE.

506.3.3. AMOUNT OF INCREASE. THE AREA FACTOR INCREASE BASED ON FRONTAGE SHALL BE DETERMINED IN ACCORDANCE WITH EQUATION 5-5:

$I_f = [F/P - 0.25] (W/30)$ **(EQUATION 5-5)**

WHERE:
I_f = AREA FACTOR INCREASE DUE TO FRONTAGE.
F = BUILDING PERIMETER THAT FRONTS ON A PUBLIC WAY OR OPEN SPACE HAVING MINIMUM DISTANCE OF 20 FEET (6096 MM)
P = PERIMETER OF ENTIRE BUILDING (FEET)
W = WIDTH OF PUBLIC WAY OR OPEN SPACE (FEET) IN ACCORDANCE WITH SECTION 506.3.2.

504.3 HEIGHT IN FEET. THE MAXIMUM HEIGHT, IN FEET, OF A BUILDING SHALL NOT EXCEED THE LIMITS SPECIFIED IN TABLE 504.3.

504.4 NUMBER OF STORIES. THE MAXIMUM NUMBER OF STORIES OF A BUILDING SHALL NOT EXCEED THE LIMITS SPECIFIED IN TABLE 504.4.

SPECIAL PROVISIONS

510.2 HORIZONTAL BUILDING SEPARATION ALLOWANCE. A BUILDING SHALL BE CONSIDERED AS SEPARATE AND DISTINCT BUILDINGS FOR THE PURPOSE OF DETERMINING AREA LIMITATIONS, CONTINUITY OF FIRE WALLS, LIMITATION OF NUMBERS OF STORIES AND TYPE OF CONSTRUCTION WHERE ALL OF THE FOLLOWING CONDITIONS ARE MET:
1. THE BUILDINGS ARE SEPARATED WITH A HORIZONTAL ASSEMBLY HAVING A FIRE-RESISTANCE RATING OF NOT LESS THAN 3 HOURS. WHERE VERTICAL OFFSETS ARE PROVIDED AS PART OF A HORIZONTAL ASSEMBLY, THE VERTICAL OFFSET AND THE STRUCTURE SUPPORTING THE VERTICAL OFFSET SHALL HAVE A FIRE-RESEANCE RATING OF NOT LESS THAN 3 HOURS.
2. THE BUILDING BELOW, INCLUDING THE HORIZONTAL ASSEMBLY, IS OF TYPE IA CONSTRUCTION.
3. SHAFT, STAIRWAY, RAMP AND ESCALATOR ENCLOSURES THROUGH THE HORIZONTAL ASSEMBLIES SHALL HAVE NOT LESS THAN A 2-HOUR FIRE-RESISTANCE RATING WITH OPENING PROTECTIVES IN ACCORDANCE WITH SECTION 716.

EXCEPTION: WHERE THE ENCLOSURE WALLS BELOW THE HORIZONTAL ASSEMBLY HAVE NOT LESS THAN A 3-HOUR FIRE RESISTANCE RATING WITH OPENING PROTECTIVES IN ACCORDANCE WITH SECTION 716, THE ENCLOSURE WALLS EXTENDING ABOVE THE HORIZONTAL ASSEMBLY SHALL BE PERMITTED TO HAVE A 1-HOUR FIRE-RESISTANCE RATING, PROVIDED:
A. THE BUILDING ABOVE THE HORIZONTAL ASSEMBLY IS NOT REQUIRED TO BE OF TYPE I CONSTRUCTION;
B. THE ENCLOSURE CONNECTS FEWER THAN FOUR STORIES; AND
C. THE ENCLOSURE OPENING PROTECTIVES ABOVE THE HORIZONTAL ASSEMBLY HAVE A FIRE PROTECTION RATING OF NOT LESS THAN 1 HOUR.

4. THE BUILDING OR BUILDINGS ABOVE THE HORIZONTAL ASSEMBLY SHALL BE PERMITTED TO HAVE MULTIPLE GROUP A OCCUPANCY USES, EACH WITH AN OCCUPANT LOAD OF LESS THAN 300, OR GROUP B, M, R OR S OCCUPANCIES.
5. THE BUILDING BELOW THE HORIZONTAL ASSEMBLY SHALL BE PROTECTED THROUGHOUT BY AN APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 AND SHALL BE PERMITTED TO BE ANY OCCUPANCY ALLOWED BY THIS CODE EXCEPT GROUP H.
6. THE MAXIMUM BUILDING HEIGHT IN FEET SHALL NOT EXCEED THE LIMITS SET FORTH IN SECTION 504.3 FOR THE BUILDING HAVING THE SMALLER ALLOWABLE HEIGHT AS MEASURED FROM THE GRADE PLANE.

GENERAL NOTES (CONT.)

FIRE WALLS
706.5 HORIZONTAL CONTINUITY. FIRE WALLS SHALL BE CONTINUOUS FROM EXTERIOR WALL TO EXTERIOR WALL AND SHALL EXTEND AT LEAST 18" BEYOND THE EXTERIOR SURFACE OF EXTERIOR WALLS.
EXCEPTIONS
1. [NOT USED]
2. [NOT USED]
3. FIRE WALLS SHALL BE PERMITTED TO TERMINATE AT THE INTERIOR SURFACE OF NONCOMBUSTIBLE EXTERIOR SHEATHING WHERE THE BUILDING ON EACH SIDE OF THE FIRE WALL IS PROTECTED BY AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1 OR 903.3.1.2.

706.5.1 EXTERIOR WALLS. WHERE THE FIRE WALL INTERSECTS EXTERIOR WALLS, THE FIRE-RESISTANCE RATING AND OPENING PROTECTION OF THE EXTERIOR WALLS SHALL COMPLY WITH ONE OF THE FOLLOWING:
1. [NOT USED]
2. BUILDINGS OR SPACES ON BOTH SIDES OF THE INTERSECTING FIRE WALL SHALL ASSUME TO HAVE AN IMAGINARY LOT LINE AT THE FIRE WALL AND EXTENDING BEYOND THE EXTERIOR OF THE FIRE WALL. THE LOCATION OF THE ASSUMED LINE IN RELATION TO THE EXTERIOR WALLS AND THE FIRE WALL SHALL BE SUCH THAT THE EXTERIOR WALL AND OPENING PROTECTION MEET THE REQUIREMENTS SET FORTH IN SECTIONS 705.5 AND 705.8. SUCH PROTECTION IS NOT REQUIRED FOR EXTERIOR WALLS TERMINATING AT FIRE WALLS THAT FORM AN ANGLE EQUAL TO OR GREATER THAN 180 DEGREES.

706.5.2 HORIZONTAL PROJECTING ELEMENTS. FIRE WALLS SHALL EXTEND TO THE OUTER EDGE OF HORIZONTAL PROJECTING ELEMENTS SUCH AS BALCONIES, ROOF OVERHANGS, CANOPIES, MARQUEES AND SIMILAR PROJECTIONS THAT ARE WITHIN 4 FEET OF THE FIRE WALL.
EXCEPTIONS:
1. HORIZONTAL PROJECTING ELEMENTS WITHOUT CONCEALED SPACES, PROVIDED THAT THE EXTERIOR WALL BEHIND AND BELOW THE PROJECTING ELEMENT HAS NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATE CONSTRUCTION FOR A DISTANCE NOT LESS THAN THE DEPTH OF THE PROJECTING ELEMENT ON BOTH SIDES OF THE FIRE WALL. OPENINGS WITHIN SUCH EXTERIOR WALLS SHALL BE PROTECTED BY OPENING PROTECTIVES HAVING A FIRE PROTECTION RATING OF NOT LESS THAN 3/4 HOUR.
2. NONCOMBUSTIBLE HORIZONTAL PROJECTING ELEMENTS WITH CONCEALED SPACES, PROVIDED THAT A MINIMUM 1-HOUR FIRE-RESISTANCE-RATED WALL EXTENDS THROUGH THE CONCEALED SPACE. THE PROJECTING ELEMENT SHALL BE SEPARATED FROM THE BUILDING BY NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATED CONSTRUCTION FOR A DISTANCE ON EACH SIDE OF THE FIRE WALL EQUAL TO THE DEPTH OF THE PROJECTING ELEMENT. THE WALL IS NOT REQUIRED TO EXTEND UNDER THE PROJECTING ELEMENT WHERE THE BUILDING EXTERIOR WALL IS NOT LESS THAN 1-HOUR FIRE-RESISTANCE RATED FOR A DISTANCE ON EACH SIDE OF THE FIRE WALL EQUAL TO THE DEPTH OF THE PROJECTING ELEMENT. OPENINGS WITHIN SUCH EXTERIOR WALLS SHALL BE PROTECTED BY OPENING PROTECTIVES HAVING A FIRE PROTECTION RATING OF NOT LESS THAN 3/4 HOUR.
3. FOR COMBUSTIBLE HORIZONTAL PROJECTING ELEMENTS WITH CONCEALED SPACES, THE FIRE WALL NEED ONLY EXTEND THROUGH THE CONCEALED SPACE TO THE OUTER EDGES OF THE PROJECTING ELEMENTS. THE EXTERIOR WALL BEHIND AND BELOW THE PROJECTING ELEMENT SHALL BE OF NOT LESS THAN 1-HOUR FIRE-RESISTANCE RATED CONSTRUCTION FOR A DISTANCE NOT LESS THAN THE DEPTH OF THE PROJECTING ELEMENTS ON BOTH SIDES OF THE FIRE WALL. OPENINGS WITHIN SUCH EXTERIOR WALLS SHALL BE PROTECTED BY OPENING PROTECTIVES HAVING A FIRE PROTECTION RATING OF NOT LESS THAN 3/4 HOUR.

706.6 VERTICAL CONTINUITY. FIRE WALLS SHALL EXTEND FROM THE FOUNDATION TO A TERMINATION POINT AT LEAST 30" ABOVE BOTH ADJACENT ROOFS.
EXCEPTIONS:
1. STEPPED BUILDINGS IN ACCORDANCE WITH SECTION 706.6.1.
2. TWO-HOUR FIRE-RESISTANCE-RATED WALLS SHALL BE PERMITTED TO TERMINATE AT THE UNDERSIDE OF THE ROOF SHEATHING, DECK OR SLAB, PROVIDED THAT:
   2.1. THE LOWER ROOF ASSEMBLY WITHIN 4 FEET OF THE WALL HAS NOT LESS THAN A 1-HOUR FIRE RESISTANCE RATING AND THE ENTIRE LENGTH AND SPAN OF SUPPORTING ELEMENTS FOR THE RATED ROOF ASSEMBLY HAS A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR.
   2.2. OPENINGS IN THE ROOF SHALL NOT BE LOCATED WITHIN 4 FEET OF THE FIRE WALL.
   2.3. EACH BUILDING SHALL BE PROVIDED WITH NOT LESS THAN A CLASS B ROOF COVERING.
3. WALLS SHALL BE PERMITTED TO TERMINATE AT THE UNDERSIDE OF NONCOMBUSTIBLE ROOF SHEATHING, DECK OR SLABS WHERE BOTH BUILDINGS ARE PROVIDED WITH NOT LESS THAN A CLASS B ROOF COVERING. OPENINGS IN THE ROOF SHALL NOT BE LOCATED WITHIN 4 FEET OF THE FIRE WALL.
4. IN BUILDINGS OF TYPE II, IV AND V CONSTRUCTION, WALLS SHALL BE PERMITTED TO TERMINATE AT THE UNDERSIDE OF COMBUSTIBLE ROOF SHEATHING OR DECKS, PROVIDED THAT ALL OF THE FOLLOWING REQUIREMENTS ARE MET.
   4.1 ROOF OPENINGS ARE NOT LESS THAN 4 FEET FROM THE FIRE WALL.
   4.2 THE ROOF IS COVERED WITH A MINIMUM CLASS B ROOF COVERING.
   4.3. THE ROOF SHEATHING OR DECK IS CONSTRUCTED OF FIRE-RETARDANT-TREATED WOOD FOR A DISTANCE OF 4 FEET ON BOTH SIDES OF THE WALL OR THE ROOF IS PROTECTED WITH 5/8" TYPE X GYPSUM BOARD DIRECTLY BENEATH THE UNDERSIDE OF THE ROOF SHEATHING OR DECK, SUPPORTED BY NOT LESS THAN 2-INCH NOMINAL LEDGERS ATTACHED TO THE SIDES OF THE ROOF FRAMING MEMBERS FOR A DISTANCE OF NOT LESS THAN 4 FEET ON BOTH SIDES OF THE FIRE WALL.
5. IN BUILDINGS DESIGNED IN ACCORDANCE WITH SECTION 510.2, FIRE WALLS LOCATED ABOVE THE 3-HOUR HORIZONTAL ASSEMBLY REQUIRED BY SECTION 510.2, ITEM 1 SHALL BE PERMITTED TO EXTEND FROM THE TOP OF THIS HORIZONTAL ASSEMBLY.
6. BUILDINGS WITH SLOPED ROOFS IN ACCORDANCE WITH SECTION 706.6.2.

706.6.1 STEPPED BUILDINGS. WHERE A FIRE WALL SERVES AS AN EXTERIOR WALL FOR A BUILDING AND SEPARATES BUILDINGS HAVING DIFFERENT ROOF LEVELS, SUCH WALL SHALL TERMINATE AT A POINT NOT LESS THAN 30 INCHES (762 MM) ABOVE THE LOWER ROOF LEVEL, PROVIDED THE EXTERIOR WALL FOR A HEIGHT OF 15 FEET (4572 MM) ABOVE THE LOWER ROOF IS NOT LESS THAN 1-HOUR FIRE-RESISTANCE-RATED CONSTRUCTION FROM BOTH SIDES WITH OPENINGS PROTECTED BY FIRE ASSEMBLIES HAVING A FIRE PROTECTION RATING OF NOT LESS THAN 3/4 HOUR.
EXCEPTION: WHERE THE FIRE WALL TERMINATES AT THE UNDERSIDE OF THE ROOF SHEATHING, DECK OR SLAB OF THE LOWER ROOF, PROVIDED THAT:
1. THE LOWER ROOF ASSEMBLY WITHIN 10 FEET (3048MM) OF THE WALL HAS NOT LESS THAN A 1-HOUR FIRE RESISTANCE RATING AND THE ENTIRE LENGTH AND SPAN OF SUPPORTING ELEMENTS FOR THE RATED ROOF ASSEMBLY HAS A FIRE-RESISTANCE RATING OF NOT LESS THAN 1 HOUR.
2. OPENINGS IN THE LOWER ROOF SHALL NOT BE LOCATED WITHIN 10 FEET (3048 MM) OF THE FIRE WALL.

706.8 OPENINGS. EACH OPENING THROUGH A FIRE WALL SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 716.5 AND SHALL NOT EXCEED 156 SQUARE FEET (15 m^2). THE AGGREGATE WIDTH OF OPENINGS AT ANY FLOOR LEVEL SHALL NOT EXCEED 25 PERCENT OF THE LENGTH OF THE WALL.
EXCEPTIONS:
1. OPENINGS ARE NOT PERMITTED IN PARTY WALLS CONSTRUCTED IN ACCORDANCE WITH SECTION 706.1.1.
2. OPENINGS SHALL NOT BE LIMITED TO 156 SQUARE FEET (15 m^2) WHERE BOTH BUILDINGS ARE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1.

706.9 PENETRATIONS. PENETRATIONS OF FIRE WALLS SHALL COMPLY WITH SECTION 714.

706.10 JOINTS. JOINTS MADE IN OR BETWEEN FIRE WALLS SHALL COMPLY WITH SECTION 715.

706.11 DUCTS AND AIR TRANSFER OPENINGS. DUCTS AND AIR TRANSFER OPENINGS SHALL NOT PENETRATE FIRE WALLS.
EXCEPTION: PENETRATIONS BY DUCTS AND AIR TRANSFER OPENINGS OF FIRE WALLS THAT ARE NOT ON A LOT LINE SHALL BE ALLOWED PROVIDED THE PENETRATIONS COMPLY WITH SECTION 717. THE SIZE AND AGGREGATE WIDTH OF ALL OPENINGS SHALL NOT EXCEED THE LIMITATIONS OF SECTION 706.8.

BDE ARCHITECTURE
950 Howard Street
San Francisco, CA
94103

P. (415) 677-0966

CLIENT:
ALTA HOUSING · HARVEST PROPERTIES · PROMETHEUS

PROJECT NAME & ADDRESS:

BESPOKE

E 4TH AVE. & S RAILROAD AVE
SAN MATEO, CA

ISSUE:	Project Status
ISSUE DATE:	Issue Date

REVISIONS :

#	DESCRIPTION	DATE
1	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:

PROJECT NUMBER:	2126
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SHEET NAME:

ALLOWABLE AREA / OPENINGS CALCULATIONS

TRUE
PROJECT NORTH

SCALE: As indicated **SHEET SIZE:** 30 x 42

SHEET NUMBER:

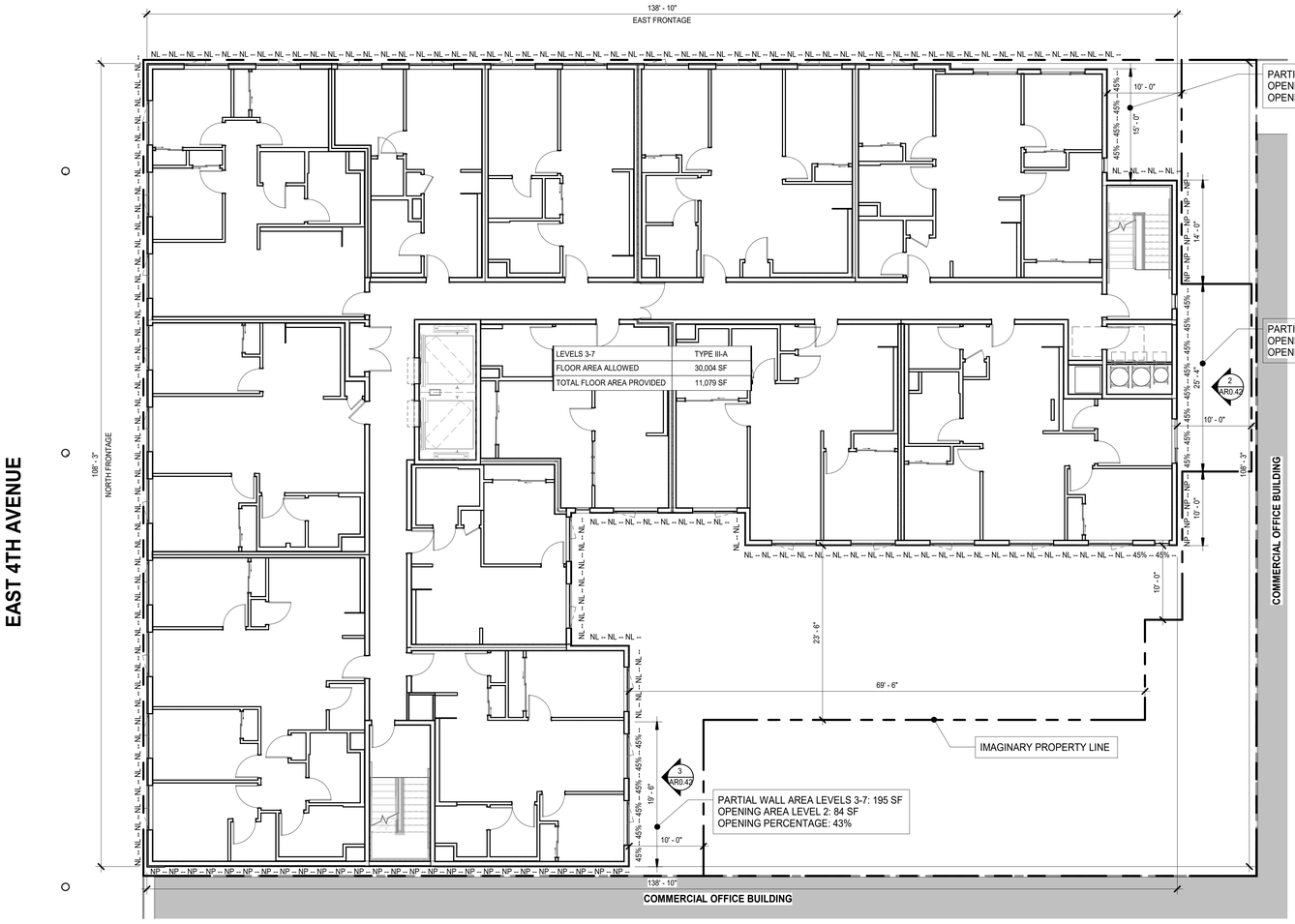
AR0.42 2

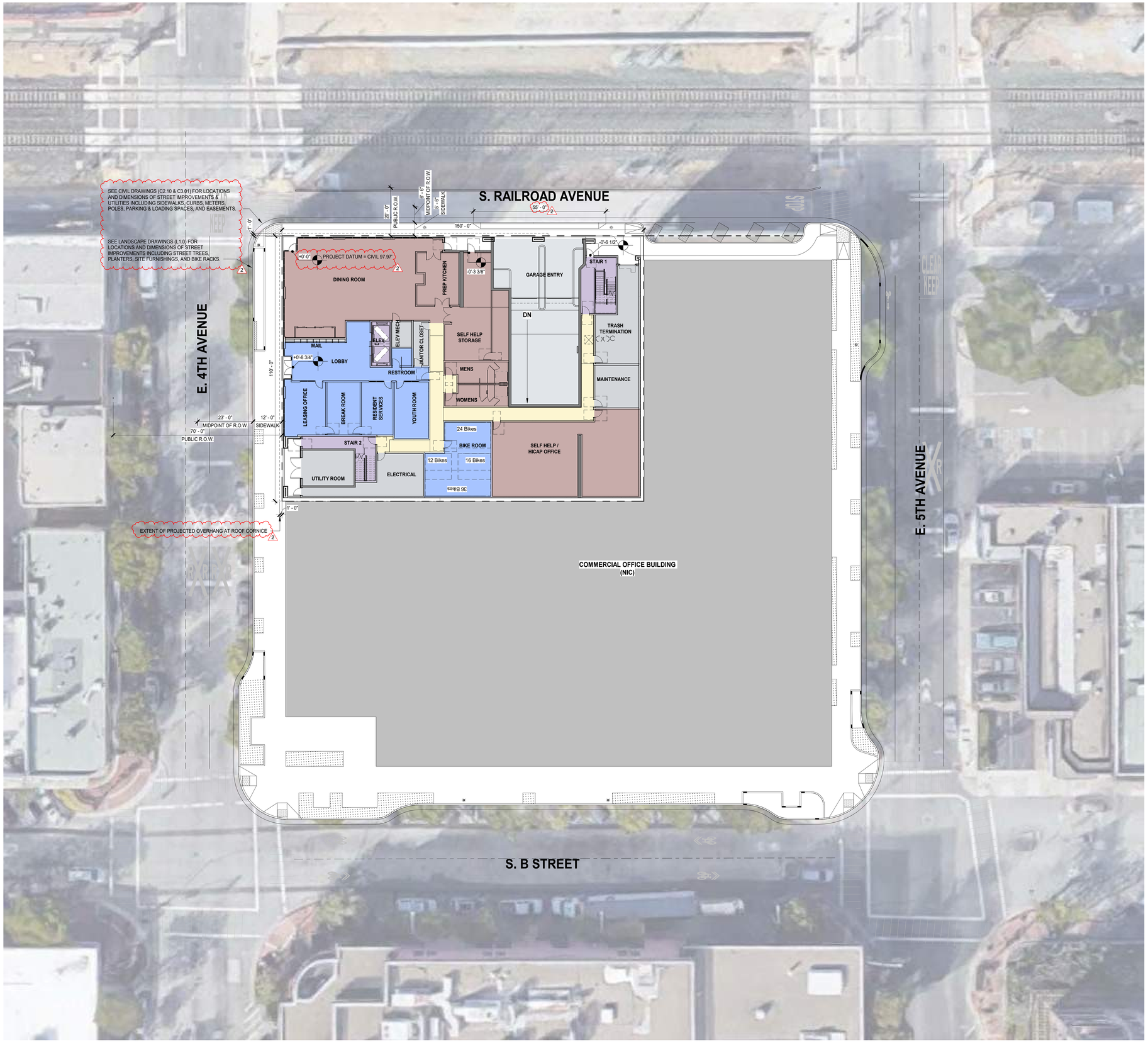
plot date - 12/7/2022 11:45:41 AM
1/26/2024 12:37:58 PM

BESPOKE, SAN MATEO				ALLOWABLE BUILDING AREA CALCULATIONS											
HARVEST / ALTA															
LAST UPDATE: DECEMBER 21, 2023															
CALIFORNIA BUILDNG CODE:	2022														
NOTE: ALL BUILDINGS ARE FULLY SPRINKLERED PER NFPA 13															
NOTE: SPRINKLERS ARE USED FOR 20' INCREASE IN HEIGHT AND INCREASE OF ONE STORY. SPRINKLERS ARE NOT USED FOR AREA INCREASE.															
	OCCUPANCY	USE	CONSTRUCTION	ALLOWABLE	FRONTAGE	ALLOWBLE	FRONTAGE	ALLOWABLE	MULTI-STORY	ALLOWABLE	ALLOWABLE	SPR. INCREASE	FLOOR	AREA PER	TOTAL
	CHAPTER 3	TABLE 1004.5	TYPE	TABULAR AREA	ALLOWED %	AREA FACTOR	ALLOWED SF	FLOOR AREA	ALLOWABLE	AREA	NO. STORIES	STORIES / HT.	NUMBER	FLOOR (SQ FT)	SF
				TABLE 506.2	SEC. 506.3	SEC. 506.2.3	SEC. 506.2.3	SEC. 506.2.3	SEC. 506.2.3	SEC. 506.2.3	TABLE 504.4	TABLE 506.2		PROPOSED	PROPOSED
				At for SM	*If*	*NS*	*(NS x If)*		*So*	Equation 5-2					
				with HT increase	SEE PERIMETER/FRONTAGE TABLE THIS SHEET										
BUILDING B - TYPE III-A															
	R-2	RESIDENTIAL	TYPE III-A	24,000	25.02%	24,000	6,004	30,004	2	60,008	5	+ 20 FT + 1 ST	FLOOR 3	11,079	
	R-2 ACCESSORY											5 STORIES	FLOOR 4	11,079	
												85 FEET	FLOOR 5	11,079	55,395
													FLOOR 6	11,079	
													FLOOR 7	11,079	
BUILDING A - TYPE I-A															
	A-2 & A-3	DINING & LOBBY	TYPE I-A	UNLIMITED		UNLIMITED		UNLIMITED		UNLIMITED	UNLIMITED	UNLIMITED	FLOOR 1	15,532	26,568
	S-1 & S-2	STORAGE & MAINTENANCE											FLOOR 2	11,036	
	R-2	RESIDENTIAL													
	B	OFFICE													

BESPOKE, SAN MATEO		PERIMETER / FRONTAGE CALCULATION TABLE										
LAST UPDATE: DECEMBER 21, 2023												
	TOTAL	30' WIDE	30' WIDE	30' WIDE	30' WIDE	TOTAL WITH		DEDUCT		WEIGHTED		
	PERIMETER	FRONTAGE	FRONTAGE	FRONTAGE	FRONTAGE	FRONTAGE	RATIO	CONSTANT	NET	WIDTH	If VALUE	
		EAST	*SOUTH*	*WEST*	*NORTH*	*SUM*				FACTOR		
BUILDING B - TYPE III-A												
	494.00	138.83	0.00	0.00	108.25	247.08	0.5002	0.25	0.2502	1.00	25.02%	

SOUTH RAILROAD AVENUE


138' - 10"
EAST FRONTAGE
NL -- NL -- NL --



SITE PLAN - FLOOR 1 PLAN 1

1/16" = 1'-0"

0' 16' 32'

TRUE PROJECT NORTH

BDE ARCHITECTURE
950 Howard Street
San Francisco, CA
94103

P. (415) 677-0966

CLIENT:

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PROJECT NAME & ADDRESS:

BESPOKE

E 4TH AVE. & S RAILROAD AVE
SAN MATEO, CA

ISSUE: Project Status
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REVISIONS :

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PROJECT NUMBER: 2126
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SHEET NAME:

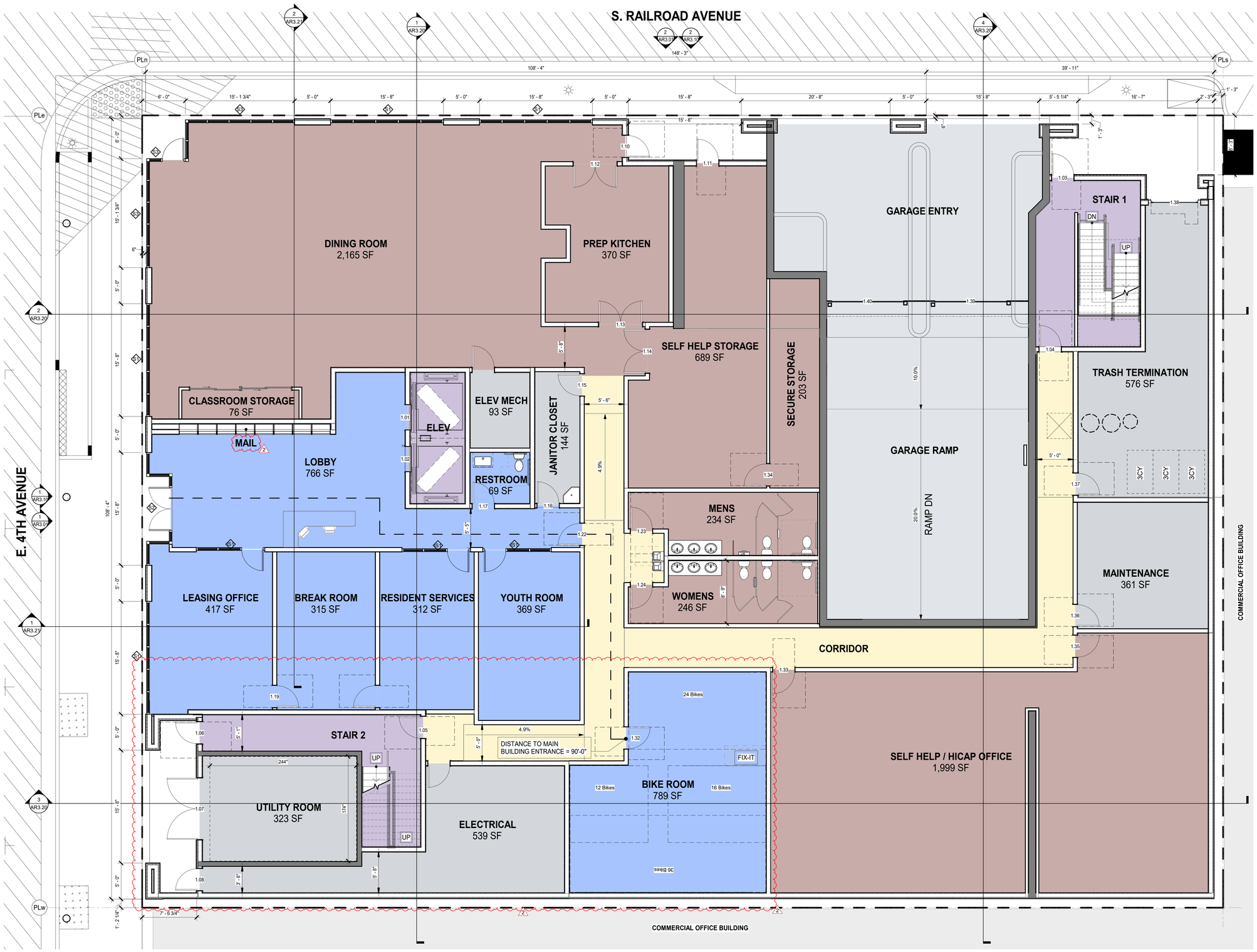
SITE PLAN

SCALE: 1/16" = 1'-0" SHEET SIZE: 30 x 42

SHEET NUMBER:

AR1.00

plot date - 1/27/2022 11:45:41 AM
1/26/2024 12:38:47 PM



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SHEET NAME:

FLOOR 1

PLANNING - BUILDING PLAN - FLOOR 1 **1**
3/16" = 1'-0"

TRUE PROJECT NORTH

SCALE: 3/16" = 1'-0" SHEET SIZE: 30 x 42

SHEET NUMBER:

AR2.01

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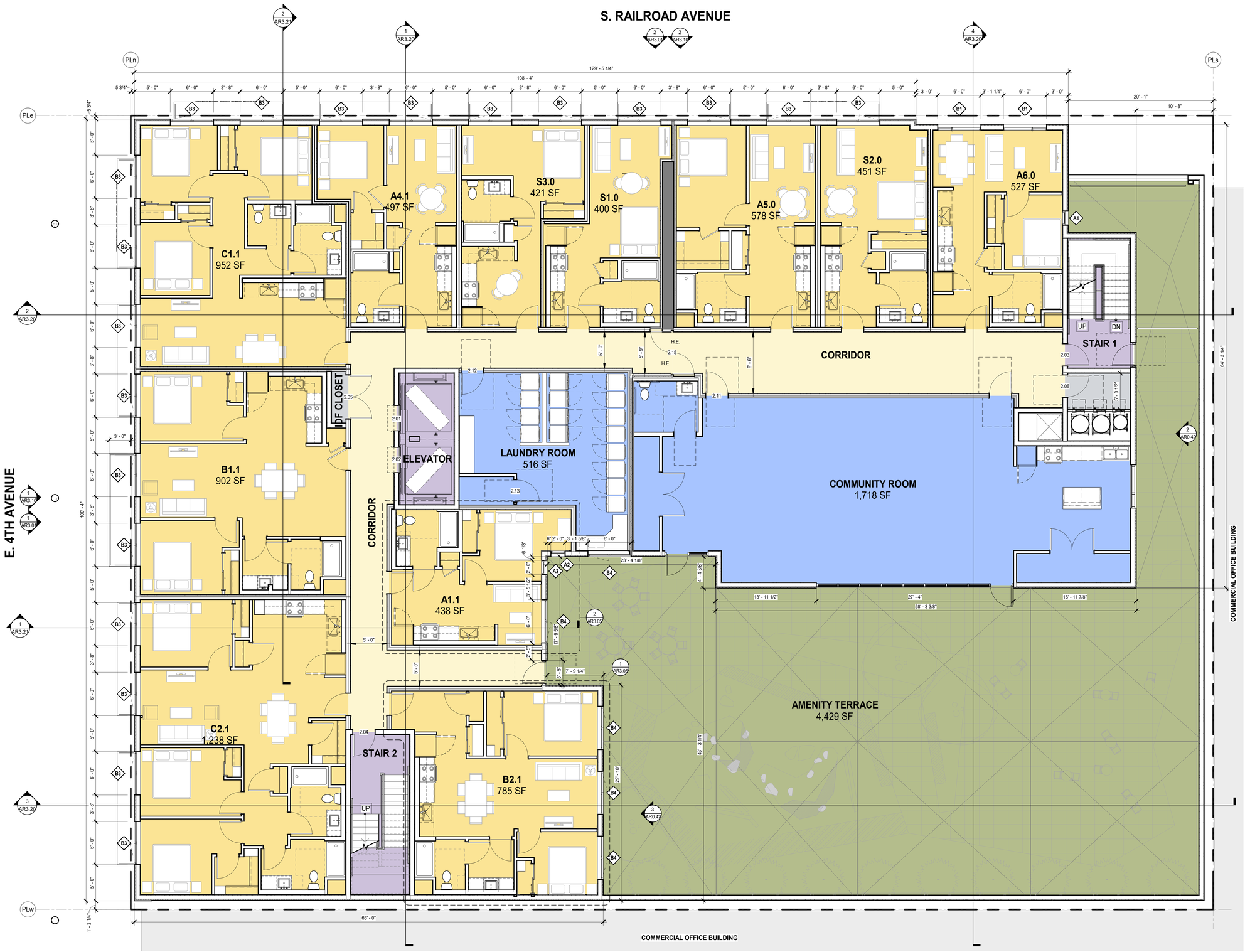

PLANNING - BUILDING PLAN - FLOOR 2 1

3/16" = 1'-0"

TRUE PROJECT NORTH

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PROJECT NUMBER:	2126
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SHEET NAME:

FLOOR 2

SCALE: 3/16" = 1'-0" SHEET SIZE: 30 x 42

SHEET NUMBER:

AR2.02

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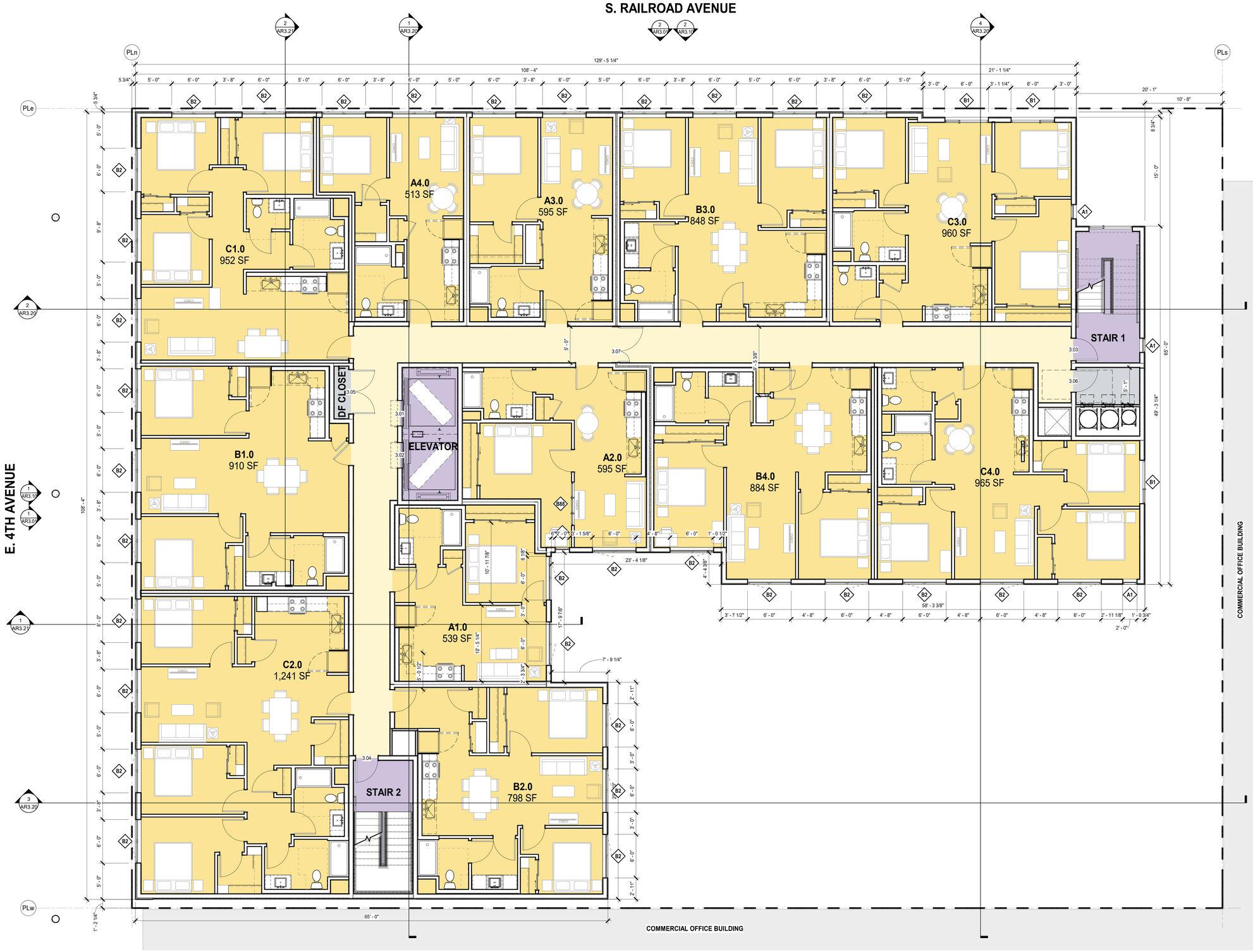

FLOOR 3-7 PLAN 1

3/16" = 1'-0"

TRUE PROJECT NORTH

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SCALE:

PROJECT NUMBER:	2126
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SHEET NAME:

FLOORS 3-7

SCALE: 3/16" = 1'-0" SHEET SIZE: 30 x 42

SHEET NUMBER:

AR2.03

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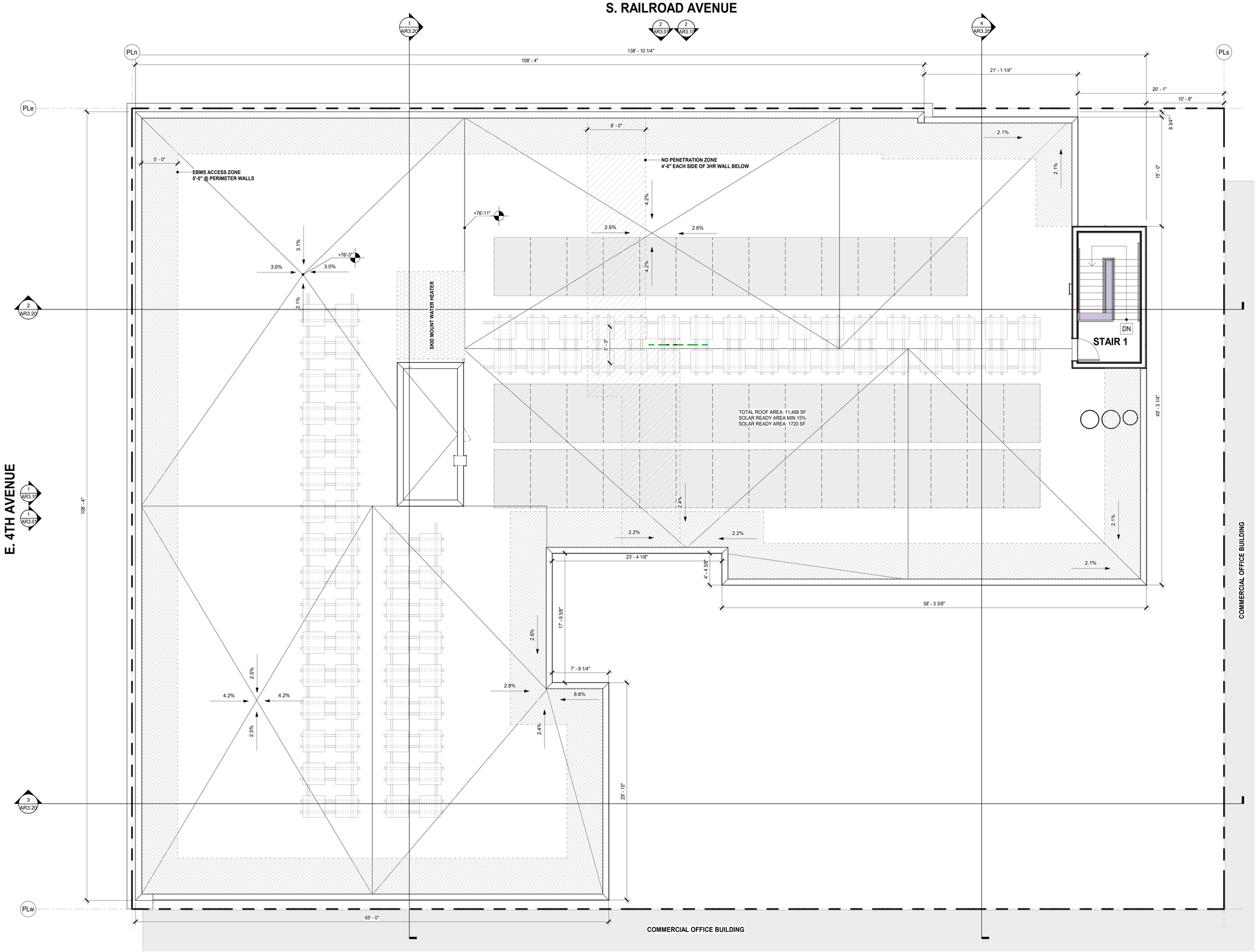
1/26/2024 12:39:01 PM



PLANNING - ROOF PLAN 1

3/16" = 1'-0"

TRUE PROJECT NORTH

SCALE: 3/16" = 1'-0" SHEET SIZE: 30 x 42

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SHEET NAME:

ROOF PLAN

SHEET NUMBER:

AR2.04

plot date : 1/27/2022 11:45:41 AM

1/26/2024 12:39:03 PM

MATERIAL ELEVATION EAST - S RAILROAD AVENUE 2

3/32" = 1'-0"

MATERIAL ELEVATION NORTH - E 4TH AVENUE 1

3/32" = 1'-0"

A	WINDOW & STOREFRONT 'ARCH BRONZE' DRAGON'S BREATH BM 1547
B	PAINT - PRIMARY "TWISTED OAK", OR SIM. BM 226
C	PAINT - SECONDARY "HUSHED HUE", OR SIM. BM 1520
D	PAINT - SECONDARY & TRIM "KITTY GRAY", OR SIM. BM 1589

1 BRICK VENEER, COLOR: LIGHT TAN / WHITE OR SIM. @ 4TH & RAILROAD ELEVATIONS ONLY

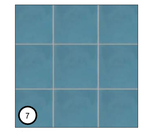
2 METAL PANELS (ALT - SMOOTH CEMENT PLASTER) COLOR: BLACK OR SIM.

3 CEMENT PLASTER, SMOOTH SAND (SAMPLE FOR TEXTURE ONLY)

4 RECESSED VINYL NAIL FIN WINDOWS COLOR: BLACK OR SIM.

5 STOREFRONT TO MATCH VINYL WINDOW COLOR

6 MTL AWNING, PAINTED



7 ACCENT TILE

8 BUILDING SIGNAGE

9 GARAGE ACCESS
10 RESIDENTIAL ENTRANCE
11 DOWNWARD LIT BUILDING SCONCE
12 FOAM TRIM W/ PLASTER COAT, PTD, OR SIM.
13 SHEET METAL, OR SIM.
14 METAL RAILING & PLANTED AREA 2
15 BRICK SOLDIER COURSE
16 NOT USED
17 BLOCK GLASS
18 METAL BRACKETS
19 REVEAL JOINT

BDE ARCHITECTURE
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94103
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CLIENT:

ALTA HOUSING · HARVEST PROPERTIES · PROMETHEUS

PROJECT NAME & ADDRESS:

BESPOKE

E 4TH AVE. & S RAILROAD AVE SAN MATEO, CA

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SCALE:

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SHEET NAME:

BUILDING MATERIAL ELEVATIONS

SCALE: As indicated SHEET SIZE: 30 x 42

SHEET NUMBER:

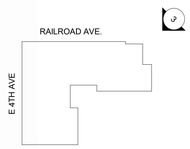
AR3.01

plot date: 1/27/2022 11:45:11 AM

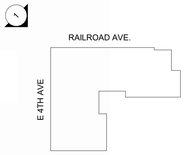
1/29/2024 11:40:26 AM

BLOCK ELEVATION - E 4TH AVENUE 1

S RAILROAD & E 5TH AVENUE 3



S RAILROAD & E 4TH AVENUE 1



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HARVEST PROPERTIES
PROMETHEUS

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SHEET NAME:

PERSPECTIVE VIEW RENDERINGS

FOR ILLUSTRATIVE PURPOSES ONLY. ALL RELEVANT PROJECT DETAILS ARE INCLUDED IN THE DRAWING SHEETS

SCALE: 3/32" = 1'-0" SHEET SIZE: 30 x 42

SHEET NUMBER:

AR3.02

plot date: 1/26/2024 12:38:13 PM
1/27/2023 11:45:41 AM

PERSPECTIVE - E 4TH AVENUE 1

A	WINDOW & STOREFRONT 'ARCH BRONZE' DRAGON'S BREATH BM 1547
B	PAINT - PRIMARY "TWISTED OAK", OR SIM. BM 226
C	PAINT - SECONDARY "HUSHED HUE", OR SIM. BM 1520
D	PAINT - SECONDARY & TRIM "KITTY GRAY", OR SIM. BM 1589

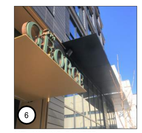
1 BRICK VENEER, COLOR: LIGHT TAN / WHITE OR SIM. @ 4TH & RAILROAD ELEVATIONS ONLY

2 METAL PANELS (ALT - SMOOTH CEMENT PLASTER) COLOR: BLACK OR SIM.

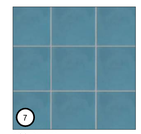
3 CEMENT PLASTER, SMOOTH SAND (SAMPLE FOR TEXTURE ONLY)

4 RECESSED VINYL NAIL FIN WINDOWS COLOR: BLACK OR SIM.

5 STOREFRONT TO MATCH VINYL WINDOW COLOR



6 MTL AWNING, PAINTED



7 ACCENT TILE

8 BUILDING SIGNAGE

9	GARAGE ACCESS
10	RESIDENTIAL ENTRANCE
11	DOWNWARD LIT BUILDING SCONCE
12	FOAM TRIM W/ PLASTER COAT, PTD, OR SIM.
13	SHEET METAL, OR SIM.
14	METAL RAILING & PLANTED AREA
15	BRICK SOLDIER COURSE
16	NOT USED
17	BLOCK GLASS
18	METAL BRACKETS
19	REVEAL JOINT

BDE ARCHITECTURE
950 Howard Street
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94103

P. (415) 677-0966

CLIENT:
ALTA HOUSING
HARVEST PROPERTIES
PROMETHEUS

PROJECT NAME & ADDRESS:

BESPOKE

E 4TH AVE. & S RAILROAD AVE
SAN MATEO, CA

ISSUE:	Project Status
ISSUE DATE:	Issue Date

REVISIONS :

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1	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:	
PROJECT NUMBER:	2126
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SHEET NAME:

MATERIAL BOARD

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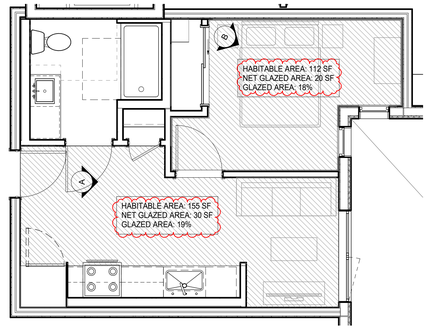
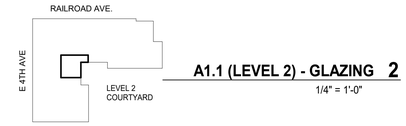
SCALE: 12" = 1'-0" **SHEET SIZE:** 30 x 42

SHEET NUMBER:

AR3.03

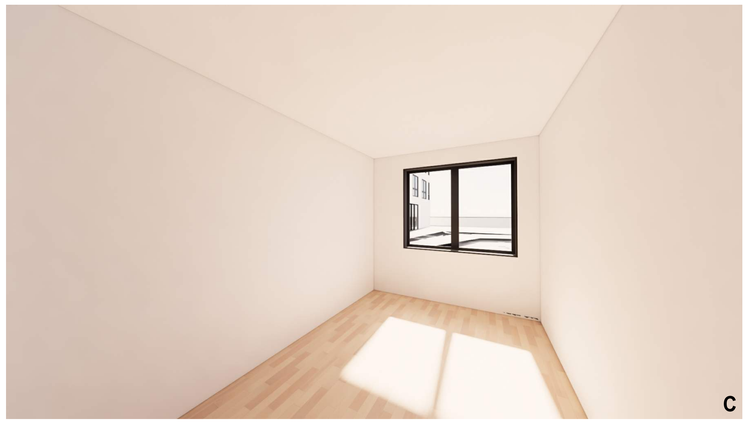
plot date : 1/27/2022 11:45:41 AM
1/26/2024 12:39:15 PM

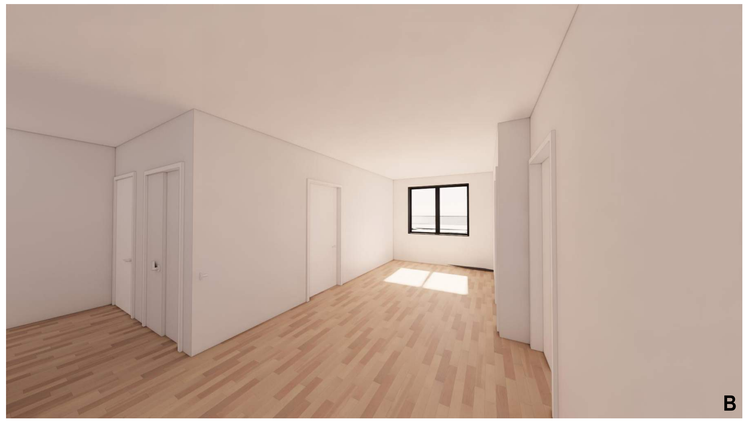


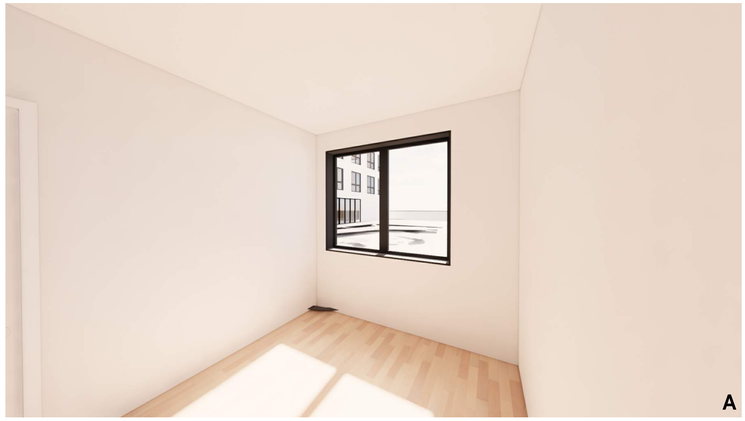


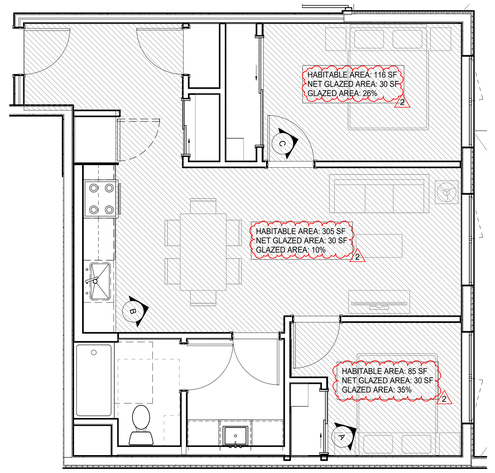
A1.1 (LEVEL 2) - GLAZING 2

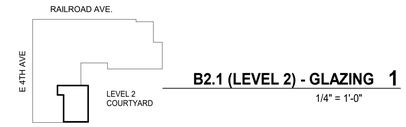
1/4" = 1'-0"











B2.1 (LEVEL 2) - GLAZING 1

1/4" = 1'-0"

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SHEET NAME:

UNIT NATURAL LIGHT CONDITIONS

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SCALE:	1/4" = 1'-0"	SHEET SIZE:	30 x 42

SHEET NUMBER:

AR3.05

Plot date - 1/27/2022 11:45:41 AM
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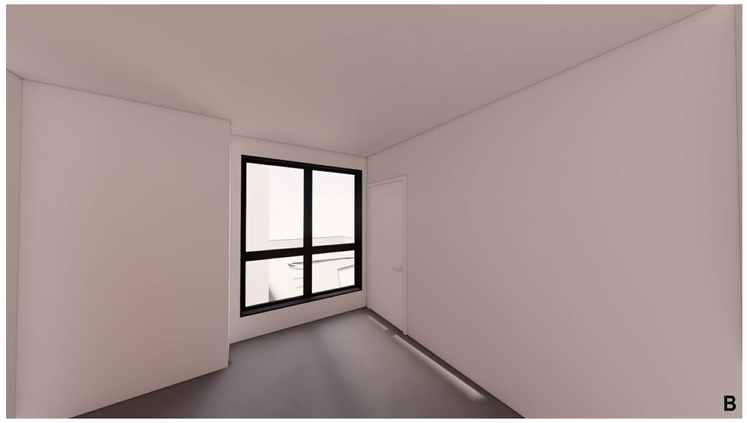
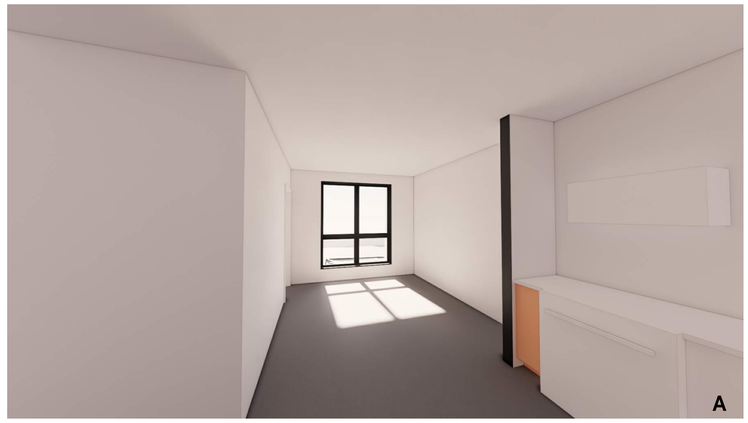
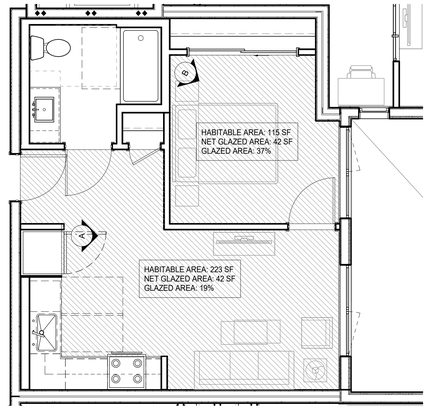
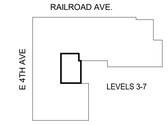


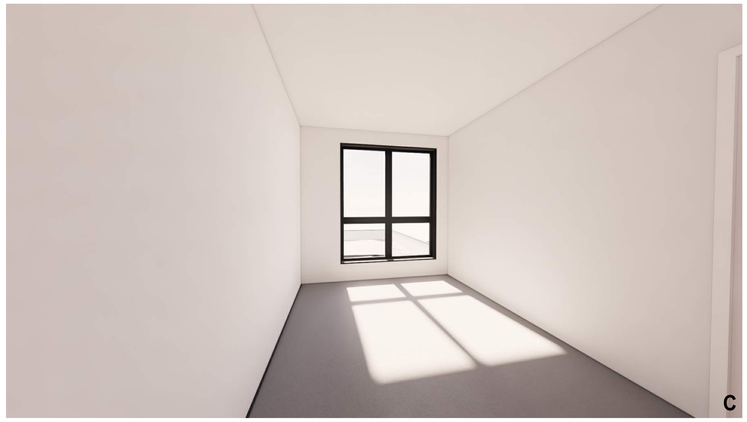


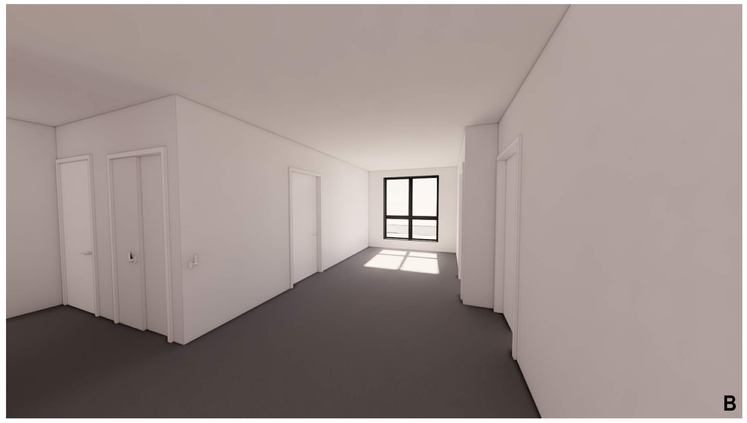


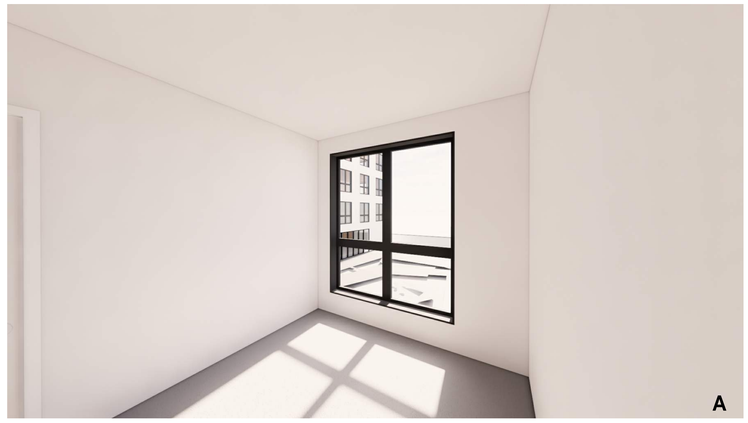


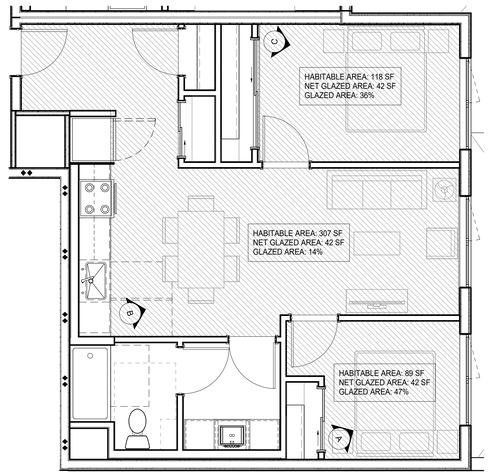
A1.0 (LEVELS 3-7) - GLAZING **2**

1/4" = 1'-0"









B2.0 (LEVELS 3-7) - GLAZING **1**

1/4" = 1'-0"

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BESPOKE

E 4TH AVE. & S RAILROAD AVE
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SHEET NAME:

UNIT NATURAL LIGHT CONDITIONS

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SCALE:	1/4" = 1'-0"	**SHEET SIZE:**	30 x 42

SHEET NUMBER:

AR3.06 2

1/26/2024 12:39:18 PM

plot date: 12/7/2022 11:45:41 AM

BUILDING ELEVATION EAST - S RAILROAD AVENUE 2

1/8" = 1'-0"

BUILDING ELEVATION NORTH - E 4TH AVENUE 1

1/8" = 1'-0"

GENERAL NOTES

A. U.O.N. DIMENSIONS ARE TO FACE OF STUD OR FOUNDATION WALL. TYP. (FOR TYPE III OR TYPE V) FOR METAL-FRAMED BUILDINGS THE DIMENSIONS ARE TO THE FACE OF DRYWALL.

B. SITE ELEVATION HEIGHT OF XXX.XX' = 0'-0" DATUM.

C. SEE A0.2X FOR ACCESSIBILITY AND ADAPTABILITY REQUIREMENTS.

SEE SHEET A10.X FOR WALL TYPE SCHEDULE AND TYPICAL ASSEMBLIES.

D. SEE LANDSCAPE DRAWINGS FOR INFORMATION REGARDING THE GRADING OF ALL EXTERIOR AREAS.
REFER TO 1/4" STAIR DRAWINGS FOR INFORMATION NOT SHOWN HERE.

E. G.C. SHALL COORDINATE PLUMBING & MECHANICAL VENTS TO MINIMIZE ROOF PENETRATIONS AS PERMITTED BY CBC.

F. G.C. TO COORD. AND INSTALL VENTING FOR ALL CONCEALED ROOF AREAS AND OTHER FRAMED VOIDS.

G. ROOF SLOPES NOTED ARE MINIMUMS. ROOF SLOPES OF CRICKETS ARE SHOWN DIAGRAMMATICALLY ON ROOF PLANS AND MAY EXCEED 1/4"/1'-0". TO ACHIEVE PROPER ROOF DRAINAGE AS SHOWN. G.C. TO INCLUDE AND COORDINATE ROOF CRICKETS IN FIELD FOR PROPER DRAINAGE N ACCORDANCE WITH CODE AND ROOF MANUFACTURER'S WARRANTY.

H. G.C. SHALL PROVIDE SAFETY GLAZING IN ALL LOCATIONS REQUIRED BY CBC SECTION 2406 AND AS REQUIRED BY CHAPTER 7.

I. G.C. SHALL INCLUDE GSM FLASHING AT ALL MATERIAL TRANSITIONS. ALL GSM FLASHING SHALL BE GALVANIZED OR BONDERIZED AND PAINTED OR RECEIVE COATINGS TO MATCH SURROUNDING MATERIALS.

J. CONCRETE CURBS SHALL BE INCLUDED AS INDICATED IN ARCHITECTURAL DRAWINGS IN ADDITION TO CURBS SHOWN ON STRUCTURAL DRAWINGS.

K. THRESHOLDS MUST BE COMPLIANT AT ALL INTERIOR AND EXTERIOR DOORS, MAX 1/2" HEIGHT.

L. PROVIDE BUILT-UP EPOXY GROUT LEVELING COMPOUND AT DECKS AS REQ'D TO PROVIDE LEVEL SURFACE AND 1/2" MAX THRESHOLD. FEATHER LEVELING COMPOUND INTO DECK SURFACE AT MAX. 2% SLOPE.

M. THE G.C. SHALL INCLUDE IN THE GMP THE LABOR AND MATERIALS TO PROVIDE A COMPLETE COLD FORMED METAL FRAMED AND GYPSUM WALL BOARD WALL AND CEILING SYSTEM. NOT EVERY ASPECT OF EVERY GYPSUM WALLBOARD DETAIL, ACCESSORY, TRANSITION OR TERMINATION DETAIL IS INDICATED IN THE CONTRACT DOCUMENTS.

N. ACOUSTIC SEALANT WHERE INDICATED IN DRAWINGS AND SPECS SHALL BE FIRE RATED AND INSTALLED TYPICALLY THROUGHOUT THE PROJECT AS REFERENCED IN THE CONTRACT DOCUMENTS, AND IN THE ACOUSTICAL REPORTS.

O. G.C. TO COORDINATE AND VERIFY ELEVATION OF TOP OF SLAB. GC TO PLACE CONCRETE STEP SUCH THAT FINISH SIDEWALK IS LEVEL W/ T.O.S.

P. ALL WINDOWS U.O.N. SHALL BE DOUBLE PANE INSULATING GLASS FILLED WITH ARGON GAS & HAVE A LOW-E COATING. SEE SHEET A10.40 FOR WINDOW SCHEDULE.

Q. ADDRESS SIGNAGE ON BUILDING ELEVATION SHALL BE CLEARLY VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. EACH CHARACTER SHALL BE A MINIMUM OF 4" HIGH AND WITH A MINIMUM STROKE WIDTH OF 1/2" WIDE. INSTALLED ON A CONTRASTING BACKGROUND PER CBC 501.2

R. ALL EXTERIOR MATERIALS RETURN TO THE NEXT INSIDE CORNER U.O.N.

SHEET NOTES

SHEET NOTE LIST ONLY INCLUDES NOTES USED ON THIS SHEET, AND MAY NOT APPEAR IN NUMERICAL ORDER

BDE ARCHITECTURE
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SAN MATEO, CA

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SHEET NAME:

BUILDING ELEVATIONS

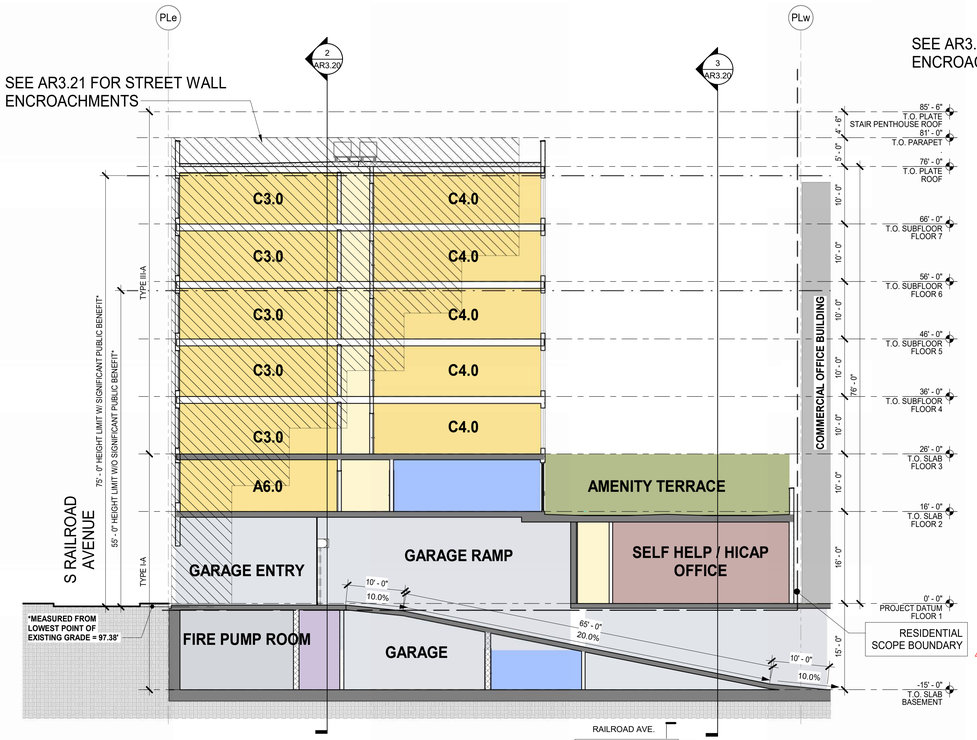
SCALE: As indicated SHEET SIZE: 30 x 42

SHEET NUMBER:

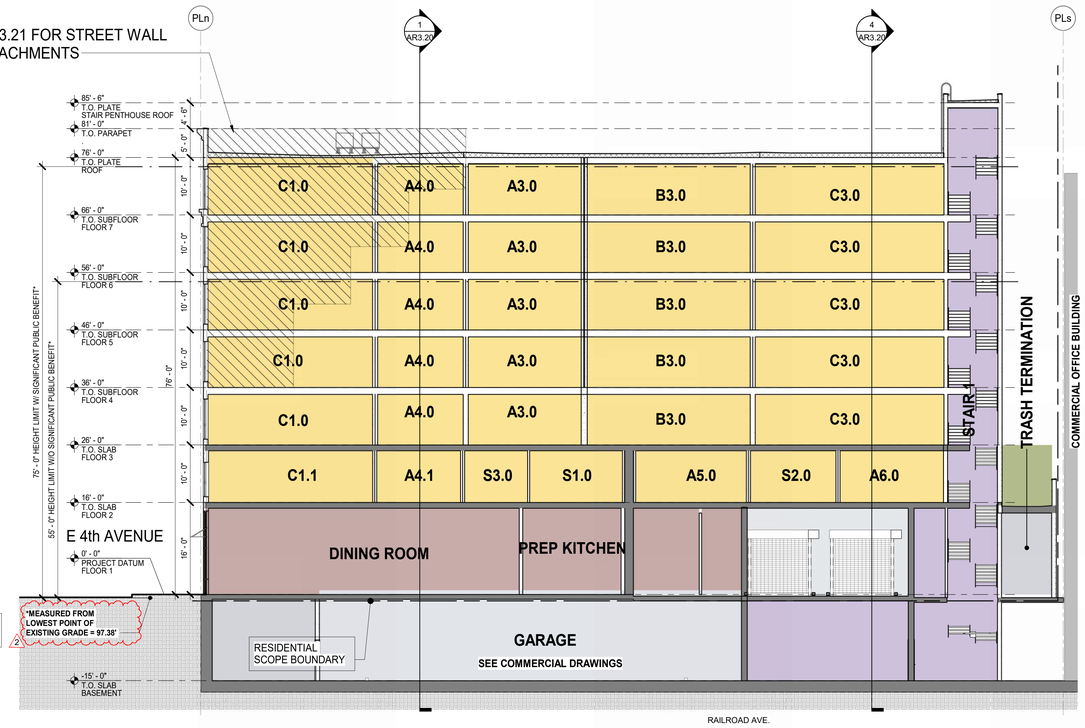
AR3.10

plot date - 1/27/2022 11:45:41 AM

1/29/2024 11:44:15 AM

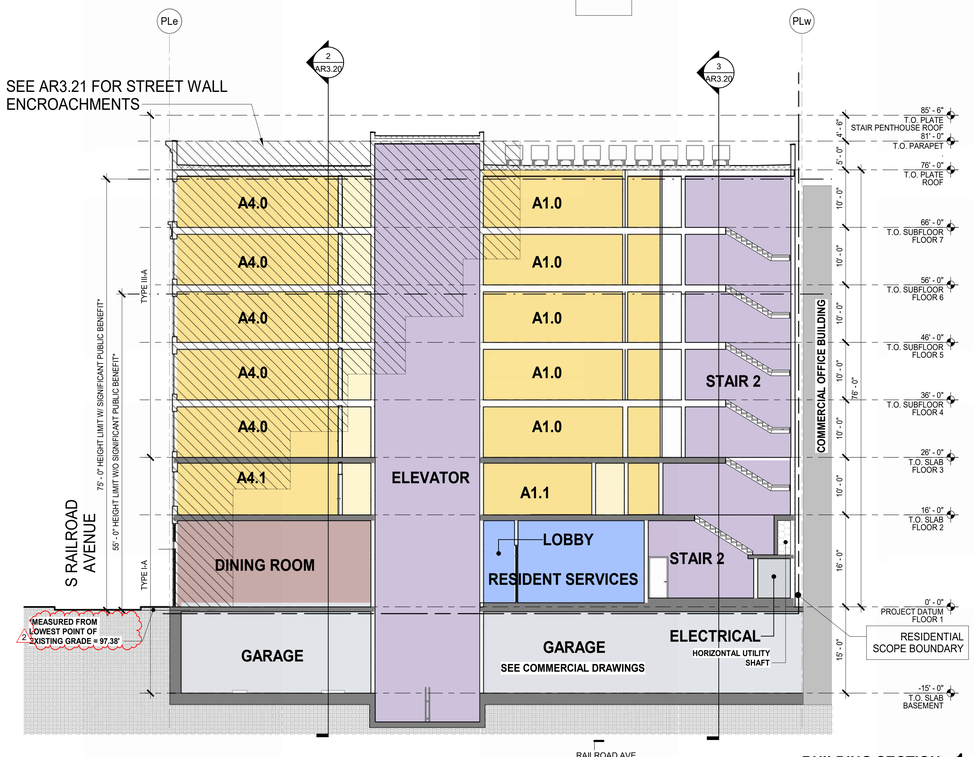


BUILDING SECTION 4
3/32" = 1'-0"



BUILDING SECTION 2
3/32" = 1'-0"

BUILDING SECTION 3
3/32" = 1'-0"



BUILDING SECTION 1
3/32" = 1'-0"

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SHEET NAME:
BUILDING SECTIONS

SCALE: 3/32" = 1'-0" **SHEET SIZE:** 30 x 42

SHEET NUMBER:
AR3.20

plot date - 1/26/2024 12:39:38 PM
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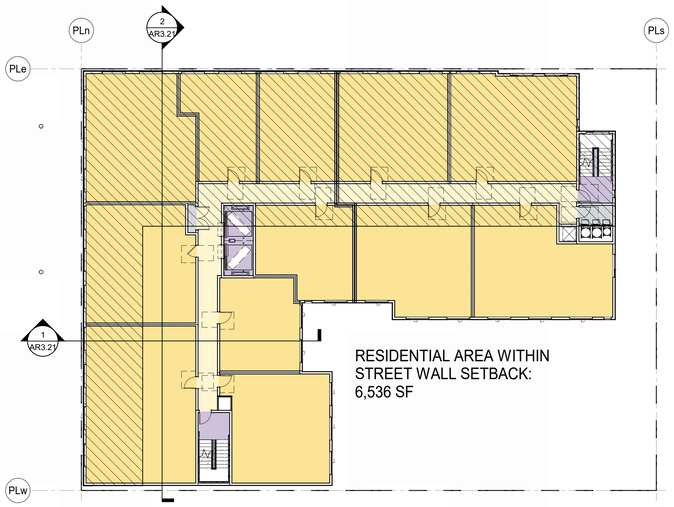
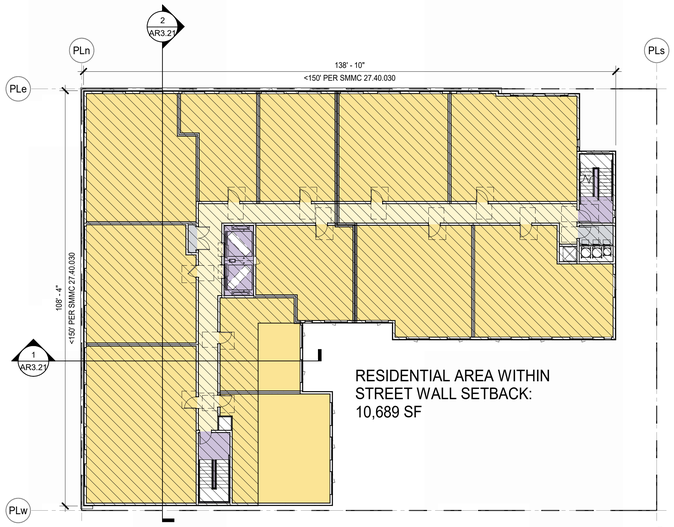


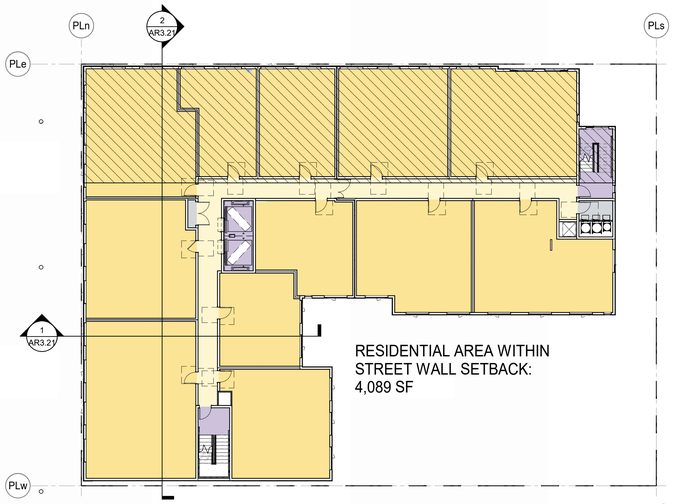
STREET WALL EXHIBIT - FLOOR 4 **5**

1/16" = 1'-0"



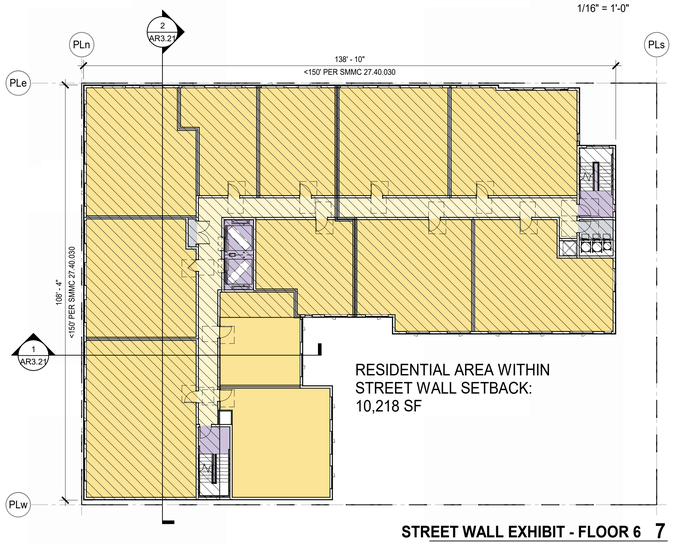
STREET WALL EXHIBIT - FLOOR 7 **9**

1/16" = 1'-0"



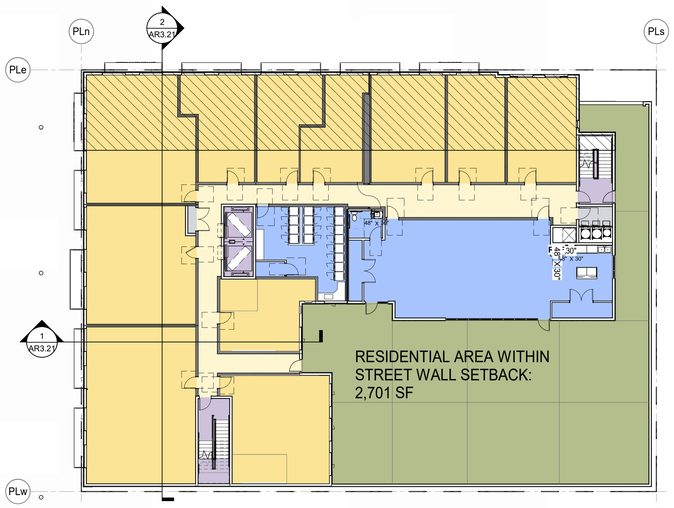
STREET WALL EXHIBIT - FLOOR 3 **4**

1/16" = 1'-0"



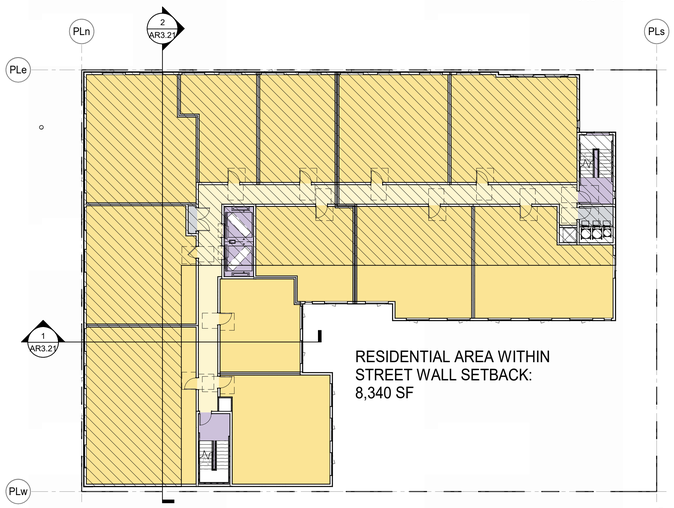
STREET WALL EXHIBIT - FLOOR 6 **7**

1/16" = 1'-0"



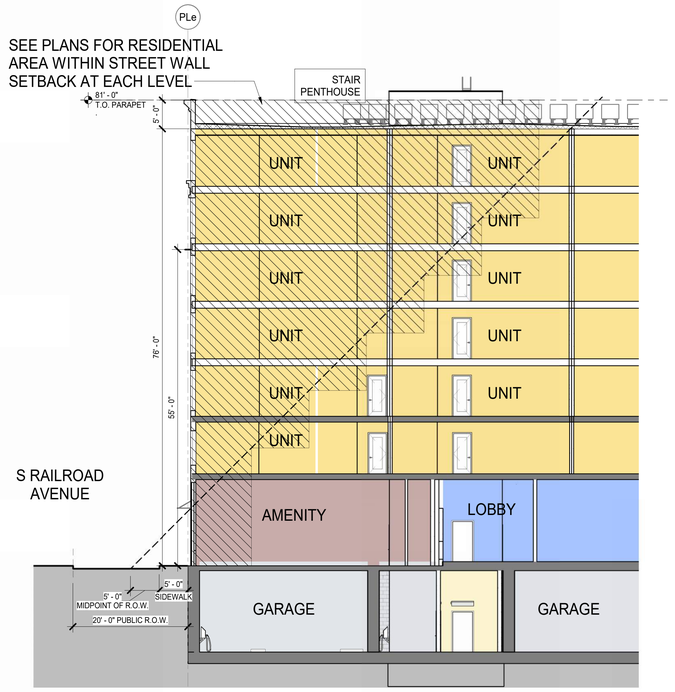
STREET WALL EXHIBIT - FLOOR 2 **3**

1/16" = 1'-0"



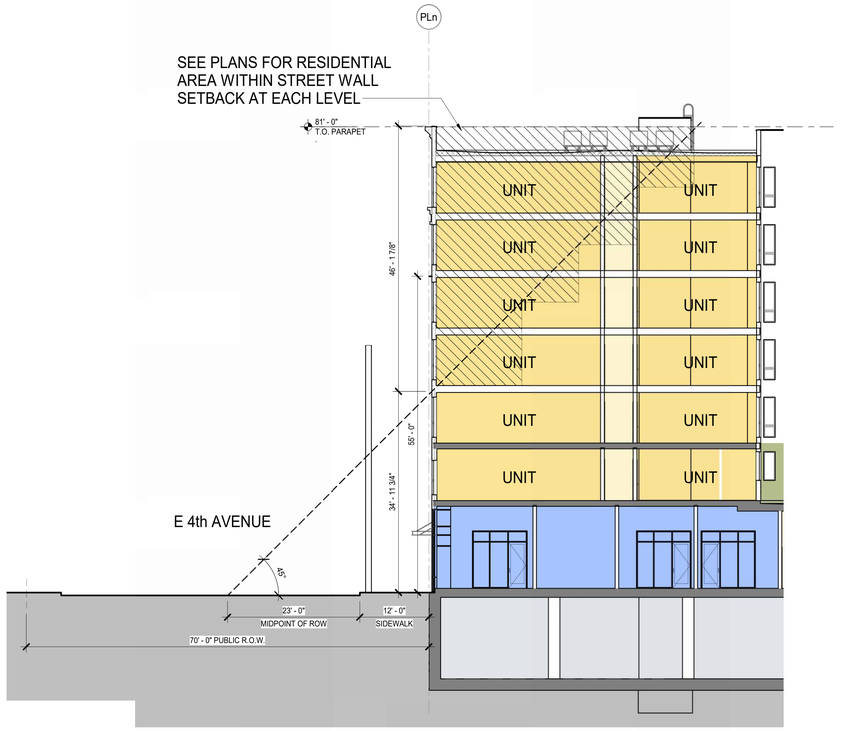
STREET WALL EXHIBIT - FLOOR 5 **6**

1/16" = 1'-0"



STREET WALL SECTION - S RAILROAD AVE **2**

3/32" = 1'-0"



STREET WALL SECTION - E 4TH AVENUE **1**

3/32" = 1'-0"

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SHEET NAME:

STREET WALL SECTION EXHIBITS

SCALE: As indicated SHEET SIZE: 30 x 42

SHEET NUMBER:

AR3.21

plot date : 1/26/2024 12:39:52 PM
1/27/2023 11:45:41 AM

GENERAL NOTES

A. DIMENSIONS NOTED ARE NOMINAL SIZES. CONTRACTOR TO PREPARE SHOP DRAWINGS WITH ROUGH OPENING, FRAME AND JAMB, SILL AND HEAD DETAILS AT FULL SCALE FOR REVIEW AND APPROVAL.

B. GC TO COORDINATE WINDOW SUBMITTAL & FIELD VERIFY ROUGH OPENING SIZES PRIOR TO PURCHASE.

C. MINIMUM STC RATING SHALL BE 28, UNLESS OTHERWISE NOTED. SEE REQUIRED STC RATINGS ON SHEET A0.12 FOR STC RATING LOCATIONS. STC RATING IS FOR FULL WINDOW ASSEMBLIES (GLASS AND FRAME)- NOT GLASS EXCLUSIVELY.

D. GC SHALL PROVIDE "WINDOW HANDING," QUANTITY AND LOCATION OF ALL OPERABLE WINDOWS PER THE ELEVATIONS.

E. SASHES NOTED AS EGRESS, EMERGENCY ESCAPE AND RESCUE OPENINGS, SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET. THE MINIMUM NET CLEAR OPENING HEIGHT DIMENSION SHALL BE 24". THE MINIMUM NET CLEAR OPENING WIDTH DIMENSION SHALL BE 20". OPENING SHALL HAVE THE FINISHED SILL HEIGHT NOT GREATER THAN 44" ABOVE FINISHED FLOOR.

F. USE TEMPERED GLAZING AT PANELS: (1) WITHIN A 24 INCH ARC OF AN ADJACENT DOOR AND WHERE THE BOTTOM EDGE OF THE PANEL IS LESS THAN 60 INCHES THE WALKING SURFACE; (2) WHERE AN INDIVIDUAL PANE IS GREATER THAN 9 SQ FT IN AREA, WITH A BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FLOOR; EXPOSED TOP EDGE GREATER THAN 36" ABOVE THE FLOOR; AND ONE OR MORE WALKING SURFACE(S) WITHIN 36 INCHES HORIZONTALLY OF THE PLANE OF THE GLAZING SHALL BE SAFETY GLAZED (I.E. TEMPERED) PER CBC 2406. TEMPERED PANES SHOWN IN THE SCHEDULE ARE NOT MEANT TO DESIGNATE EVERY CONDITION REQUIRING TEMPERED GLAZING. CONTRACTOR TO COORDINATE AND IDENTIFY IN SHOP DRAWINGS ALL LOCATIONS REQUIRING TEMPERED GLAZING.

G. SAFETY GLAZING REQUIRED AT LOCATIONS WHERE BOTTOM EDGE OF WINDOW IS LESS THAN 60" ABOVE A STANDING SURFACE AND DRAIN INLET IN A BUILDING WALL

H. WHICH ENCLOSES A TUB OR SHOWER PER CBC 2406.4.5.

I. GLASS SUBJECT TO HUMAN IMPACT, UNEVEN HEATING, AND IN HEAVY TRAFFIC AREAS, SHALL BE OF SAFETY GLAZING MATERIAL (LAMINATED, UNLESS OTHERWISE NOTED) WHERE REQUIRED AND SHALL MEET LOCAL, STATE AND FEDERAL REQUIREMENTS SUBJECT TO CBC SECTION 2406.

J. GLASS IN GLAZED STOREFRONTS, GLAZED CURTAIN WALLS AND GLAZED PARTITIONS SHALL MEET THE SEISMIC REQTS OF ASCE 7, SECTION13.5.9 CBC 2404.

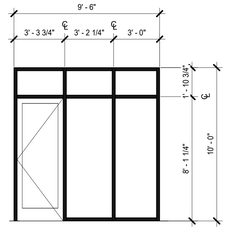
K. SEE SPECIFICATIONS AND ENERGY COMPLIANCE REPORTS FOR MINIMUM U-VALUES AND SOLAR HEAT GAIN COEFFICIENTS. SEE SPECIFICATIONS FOR OTHER INFORMATION, INCLUDING GLAZING AND WINDOW STC REQUIREMENTS.

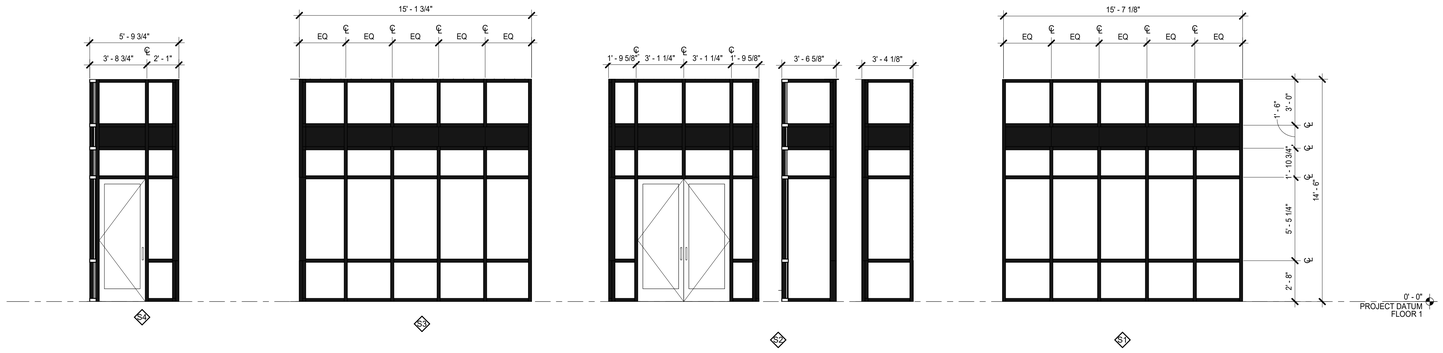
BACKSTOP ALL GLAZING AND PANELS.

SHEET NOTES

1. OPERABLE WINDOW
2. ALUMINUM WINDOW
3. STOREFRONT WINDOW SYSTEM
4. ALUMINUM WINDOW WALL SYSTEM
5. DOOR, SEE DOOR SCHEDULE
6. OFFSET GLAZING AT STOREFRONT WINDOW
7. COMPOSITE ALUMINUM METAL PANEL, SEE WINDOW DETAILS
8. VINYL WINDOW

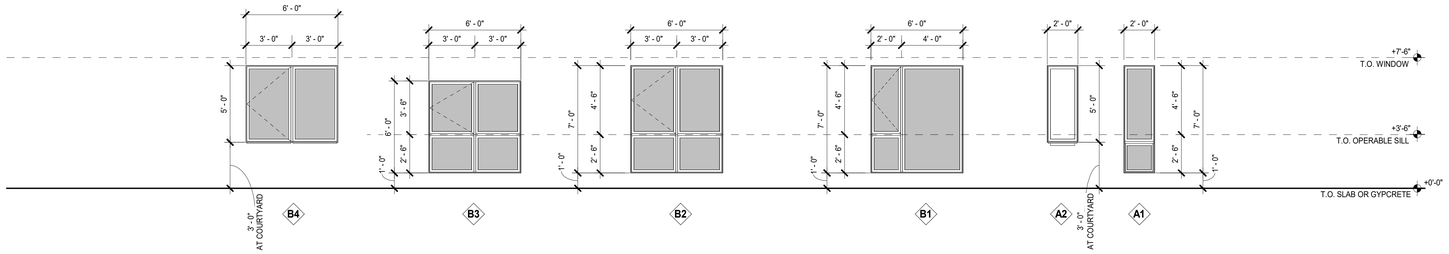
TE DENOTES TEMPERED GLAZING
E DENOTES EGRESS WINDOW
SP SPANDREL PANEL





STOREFRONT SCHEDULE 2

1/4" = 1'-0"



WINDOW SCHEDULE

1/4" = 1'-0"

BDE ARCHITECTURE
950 Howard Street
San Francisco, CA
94103

P. (415) 677-0966

CLIENT:

ALTA HOUSING
HARVEST PROPERTIES
PROMETHEUS

PROJECT NAME & ADDRESS:

BESPOKE

E 4TH AVE. & S RAILROAD AVE
SAN MATEO, CA

ISSUE: Project Status
ISSUE DATE: Issue Date

REVISIONS :

#	DESCRIPTION	DATE
1	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:

PROJECT NUMBER: 2126
DRAWN BY: NS
CHECKED BY:

STAMP:

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SHEET NAME:

WINDOW SCHEDULE

SCALE: As indicated SHEET SIZE: 30 x 42

SHEET NUMBER:

AR10.40

dot date - 1/27/2022 11:45:41 AM
1/26/2024 12:39:52 PM

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950 Howard Street
San Francisco, CA
94103

P. (415) 677-0966

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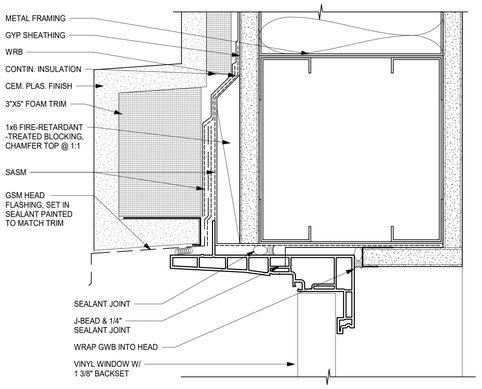
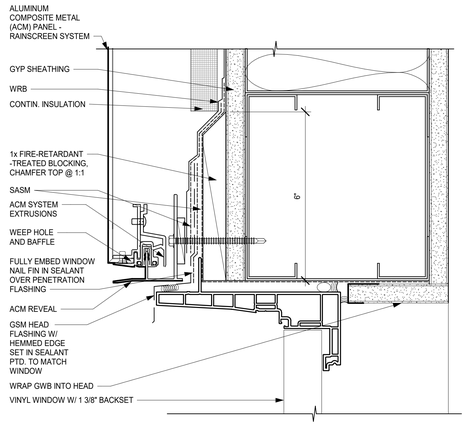
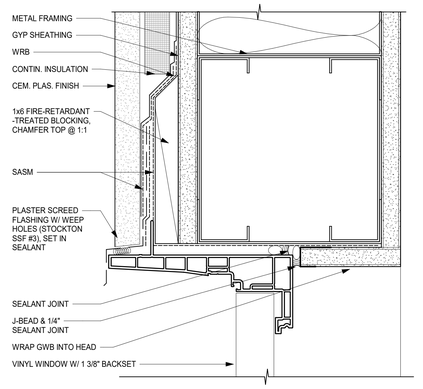


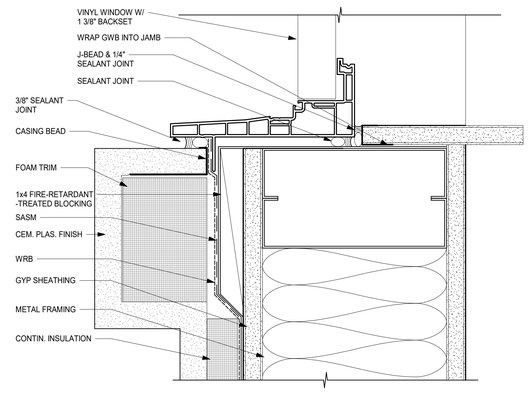
RECESSED VINYL WINDOW HEAD @ CEMENT PLASTER TRIM 18
6" = 1'-0"



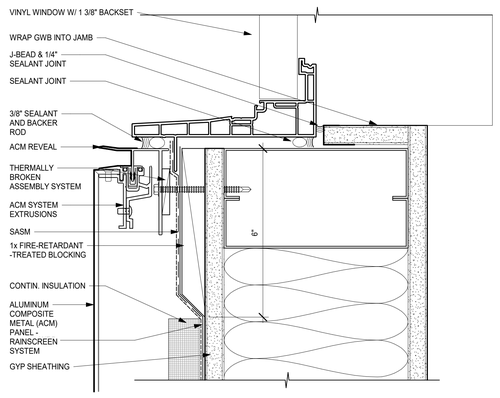
RECESSED VINYL WINDOW HEA @ MTL PANEL 6
6" = 1'-0"



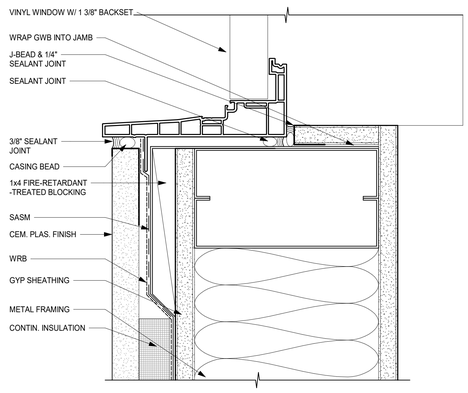
RECESSED VINYL WINDOW HEAD @ CEMENT PLASTER 3
6" = 1'-0"



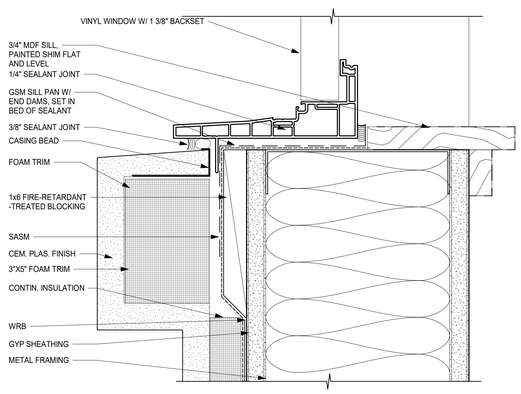
RECESSED VINYL WINDOW JAMB @ CEMENT PLASTER TRIM 17
6" = 1'-0"



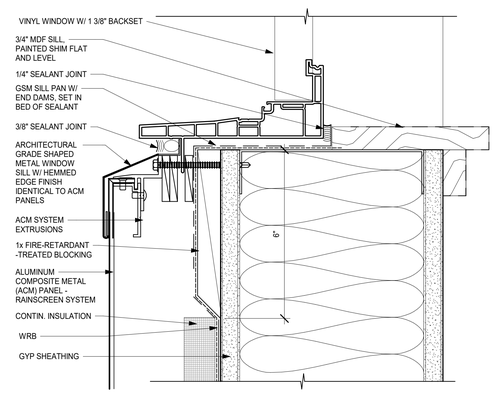
RECESSED VINYL WINDOW JAMB @ MTL PANEL 5
6" = 1'-0"



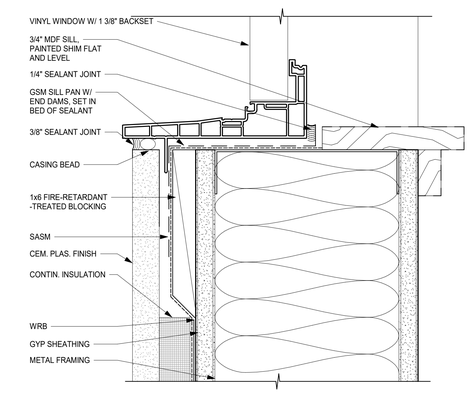
RECESSED VINYL WINDOW JAMB @ CEMENT PLASTER 2
6" = 1'-0"



RECESSED VINYL WINDOW SILL @ CEMENT PLASTER TRIM 16
6" = 1'-0"



RECESSED VINYL WINDOW SILL @ MTL PANEL 4
6" = 1'-0"



RECESSED VINYL WINDOW SILL @ CEMENT PLASTER 1
6" = 1'-0"

SCALE:

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SHEET NAME:

WINDOW DETAILS

SCALE: 6" = 1'-0" SHEET SIZE: 30 x 42

SHEET NUMBER:

AR10.41

plot date : 1/7/2022 11:45:41 AM
1/29/2024 12:38:53 PM

RAILROAD AVE.

4th AVE

TREE SCHEDULE						
LARGE SHRUB (UPPER TERRACES)						
	ARBUTIS MARINA	STRAWBERRY TREE	24" BOX			
	PITTOSPORUM TENUIFOLIUM	KOHUHU	24" BOX			

RAISED PLANTERS AT UPPER TERRACES						
SYMBOL	KEY	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE (HT.X SPRD.)	SPACING	NOTES
		POLYSTICHUM MUNITUM	SWORD FERN	#3	36" O.C.	
		SALVIA GREGGI	AUTUMN SAGE	#3	18" O.C.	
		BOUTELOUA GRACILIS	BLUE GRAMA GRASS	#3	18" O.C.	
		SESLERIA AUTUMNALIS	AUTUMN MOOR GRASS	#3	18" O.C.	
		ARMERIA MARITIMA 'ALBA'	'ALBA' SEA THRIFT	#3	6" O.C.	
		ROSMARINUS OFFICINALIS	TRAILING ROSEMARY			

MATERIALS SCHEDULE

PEDESTAL PAVER

FIXED FURNITURE

MOVABLE FURNITURE

HOUSING REQUIRED PLAY AREA = 600 SF

POTENTIAL PARK CREDIT PROGRAM ELEMENTS

PLAY AREA REQUIRED = 500 SF
PLAY AREA PROVIDED = 561 SF [REQ. MET]

OUTDOOR SEATING AREA REQUIRED = 497 SF
OUTDOOR SEATING AREA PROVIDED = 315 + 243 = 558 SF [REQ. MET]

BENCH

RAISED PLANTER

TABLE SET

HANDRAIL

EGRESS & MAINTENANCE ACCESS ONLY

COMMUNITY ROOM

EMERGENCY EGRESS GATE W/ PANIC HARDWARE

OUTDOOR SEATING AREA 315 SF

WALKING DECK THROUGH PLAYGROUND

PLAY ZONE AREA 561 SF

OUTDOOR SEATING AREA 243 SF

BENCH

SCULPTURE PLAY FORMS

PLANTED SCREEN BETWEEN THE ADJACENT OFFICE AND PLAY SPACE

TRUE

SCALE: 3/16" = 1' - 0"

0 1 2 4 8

BDE ARCHITECTURE
934 Howard Street
San Francisco, CA
94103

P. (415) 677-0966

PLACE
735 NW 18th Avenue
Portland, OR 97209
503.334.2080
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HARVEST PROPERTIES

PROMETHEUS

PROJECT NAME & ADDRESS:

4TH & RAILROAD

4TH & RAILROAD
San Mateo, CA

ISSUE: PLANNING APPLICATION RESUBMITTAL #2
ISSUE DATE: 01/29/2024

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SCALE:

PROJECT NUMBER: 2202017.00
DRAWN BY: YW
CHECKED BY: MMc

STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
LANDSCAPE PLAN
LEVEL 2
AMENITY TERRACE

SHEET NUMBER:
LR.1.0

plot date:

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934 Howard Street
San Francisco, CA
94103

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LEVEL 2
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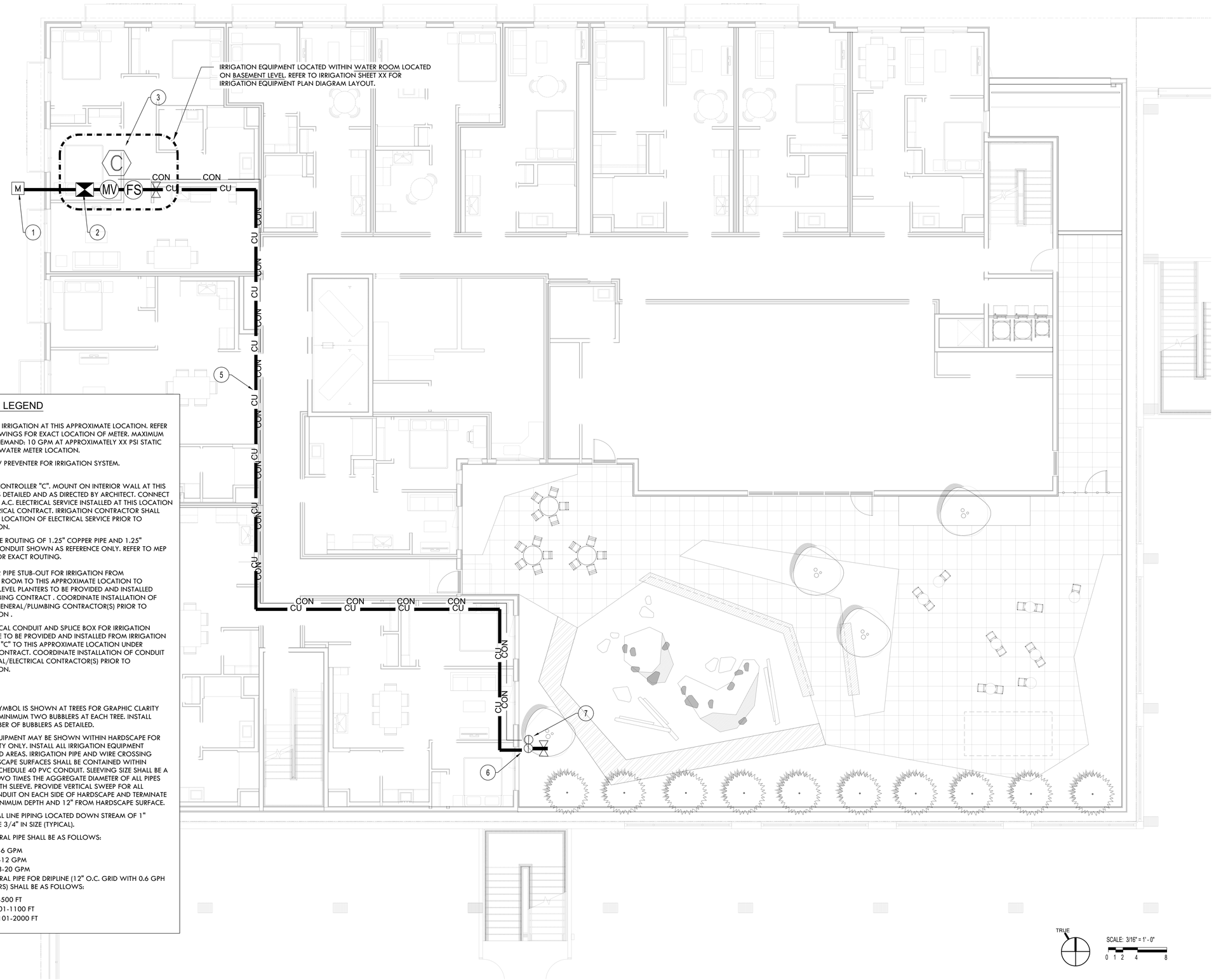

PLAN NOTES LEGEND

1. 1" METER FOR IRRIGATION AT THIS APPROXIMATE LOCATION. REFER TO CIVIL DRAWINGS FOR EXACT LOCATION OF METER. MAXIMUM IRRIGATION DEMAND: 10 GPM AT APPROXIMATELY XX PSI STATIC PRESSURE AT WATER METER LOCATION.
2. 1" BACKFLOW PREVENTER FOR IRRIGATION SYSTEM.
3. IRRIGATION CONTROLLER "C". MOUNT ON INTERIOR WALL AT THIS LOCATION AS DETAILED AND AS DIRECTED BY ARCHITECT. CONNECT TO 120 VOLT A.C. ELECTRICAL SERVICE INSTALLED AT THIS LOCATION UNDER ELECTRICAL CONTRACT. IRRIGATION CONTRACTOR SHALL COORDINATE LOCATION OF ELECTRICAL SERVICE PRIOR TO CONSTRUCTION.
5. APPROXIMATE ROUTING OF 1.25" COPPER PIPE AND 1.25" ELECTRICAL CONDUIT SHOWN AS REFERENCE ONLY. REFER TO MEP DRAWING FOR EXACT ROUTING.
6. 1.25" COPPER PIPE STUB-OUT FOR IRRIGATION FROM MECHANICAL ROOM TO THIS APPROXIMATE LOCATION TO SERVICE SITE LEVEL PLANTERS TO BE PROVIDED AND INSTALLED UNDER PLUMBING CONTRACT . COORDINATE INSTALLATION OF PIPES WITH GENERAL/PLUMBING CONTRACTOR(S) PRIOR TO CONSTRUCTION .
7. 1.25" ELECTRICAL CONDUIT AND SPLICE BOX FOR IRRIGATION 2-WIRE CABLE TO BE PROVIDED AND INSTALLED FROM IRRIGATION CONTROLLER "C" TO THIS APPROXIMATE LOCATION UNDER ELECTRICAL CONTRACT. COORDINATE INSTALLATION OF CONDUIT WITH GENERAL/ELECTRICAL CONTRACTOR(S) PRIOR TO CONSTRUCTION.

NOTES:

1. ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
2. IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
3. UNSIZED LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
4. SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM
1.25"	13-20 GPM

5. SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT

TRUE

SCALE: 3/16" = 1' - 0"
0 1 2 4 8

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CLIENT:

HARVEST PROPERTIES

PROMETHEUS

PROJECT NAME & ADDRESS:

4TH & RAILROAD

4TH & RAILROAD
San Mateo, CA

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SCALE:

PROJECT NUMBER: 2202017.00
DRAWN BY: YW
CHECKED BY: MMc

STAMP:

NOT FOR CONSTRUCTION

SHEET NAME:
IRRIGATION PLAN
LEVEL 2
AMENITY TERRACE

SHEET NUMBER:
LR.2.0

plot date

IRRIGATION NOTES

1. THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC CLARITY ONLY AND ARE TO BE INSTALLED WITHIN PLANTING AREAS. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, CONDUIT, AND OTHER ITEMS WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISHED CONDITION AFFECTING THE CONTRACT WORK INCLUDING OBSTRUCTIONS, GRADE DIFFERENCES OR AREA DIMENSIONAL DIFFERENCES. IN THE EVENT OF FIELD DISCREPANCY WITH CONTRACT DOCUMENTS, PLAN THE INSTALLATION WORK ACCORDINGLY BY NOTIFICATION AND APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND ACCORDING TO THE CONTRACT SPECIFICATIONS. NOTIFY AND COORDINATE IRRIGATION CONTRACT WORK WITH APPLICABLE CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT OR SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING AND STRUCTURES BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS.

2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRIC CODE; THE UNIFORM PLUMBING CODE, PUBLISHED BY THE WESTERN PLUMBING OFFICIALS ASSOCIATION; AND OTHER STATE OR LOCAL LAWS OR REGULATIONS. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR REGULATIONS. THE CONTRACTOR SHALL FURNISH WITHOUT ANY EXTRA CHARGE, ANY ADDITIONAL MATERIAL AND LABOR WHEN REQUIRED BY THE COMPLIANCE WITH THESE CODES AND REGULATIONS.

3. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH LAYOUT AND INSTALLATION OF THE PLANT MATERIALS TO INSURE THAT THERE WILL BE COMPLETE AND UNIFORM IRRIGATION COVERAGE OF PLANTING IN ACCORDANCE WITH THESE DRAWINGS, AND CONTRACT DOCUMENTS. THE IRRIGATION LAYOUT SHALL BE CHECKED BY THE CONTRACTOR AND OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO CONSTRUCTION TO DETERMINE IF ANY CHANGES, DELETIONS, OR ADDITIONS ARE REQUIRED. IRRIGATION SYSTEM SHALL BE INSTALLED AND TESTED PRIOR TO INSTALLATION OF PLANT MATERIAL.

4. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH.

5. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR AND/OR OWNER TO PROGRAM THE IRRIGATION CONTROLLER(S) TO PROVIDE THE MINIMUM AMOUNT OF WATER NEEDED TO SUSTAIN GOOD PLANT HEALTH. THIS INCLUDES MAKING ADJUSTMENTS TO THE PROGRAM FOR SEASONAL WEATHER CHANGES, PLANT MATERIAL, WATER REQUIREMENTS, MOUNDS, SLOPES, SUN, SHADE AND WIND EXPOSURE.

6. IT IS THE RESPONSIBILITY OF A LICENSED ELECTRICAL CONTRACTOR TO PROVIDE 120 VOLT A.C. (2.5 AMP DEMAND PER CONTROLLER) ELECTRICAL SERVICE TO THE CONTROLLER LOCATION(S). IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO COORDINATE THE ELECTRICAL SERVICE STUB-OUT TO THE CONTROLLER(S). PROVIDE PROPER GROUNDING PER CONTROLLER MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH LOCAL CODES.

7. INSTALL NEW BATTERIES IN THE IRRIGATION CONTROLLER(S) TO RETAIN PROGRAM IN MEMORY DURING TEMPORARY POWER FAILURES. USE QUANTITY, TYPE AND SIZE REQUIRED AS PER CONTROLLER MANUFACTURER'S INSTRUCTIONS.

8. SCHEDULE A MEETING WHICH INCLUDES REPRESENTATIVES OF THE IRRIGATION CONTROLLER MANUFACTURER, THE MAINTENANCE CONTRACTOR, THE OWNER AND THE IRRIGATION CONTRACTOR AT THE SITE FOR INSTRUCTION ON THE PROPER PROGRAMMING AND OPERATION OF THE IRRIGATION CONTROLLER.

9. INSTALL 3" DETECTABLE TAPE ABOVE ALL PRESSURIZED MAIN LINES AS DETAILED. USE CHRISTY MODEL #TA-DT-3-BIRR FOR POTABLE IRRIGATION SYSTEMS.

10. INSTALL 2-WIRE CABLE ALONG THE MAIN LINE. CONTACT CONTROLLER REPRESENTATIVE FOR A PRE-CONSTRUCTION MEETING.

11. INSTALL 2-WIRE CABLE WITHIN 1.25" CONDUIT WITH LONG SWEEPS IN AND OUT OF EACH VALVE BOX. SEAL ALL CONDUIT OPENINGS WITH WATERPROOF FOAM.

12. INSTALL A 14"X19" GREY ELECTRICAL PULL BOX EVERY 200' AND AT EVERY CHANGE IN DIRECTION. ONLY SPLICE TWO WIRE CABLE AT THREE WAY WIRE CONNECTIONS.

13. IRRIGATION CONTROL WIRES: SOLID COPPER WITH U.L. APPROVAL FOR DIRECT BURIAL IN GROUND. SIZE #14AWG WIRE WITH A JACKETED 2-CONDUCTOR. PREFERRED WIRE MAKE AND MODEL IS TW-CAB-14. ALL SPLICING SHALL BE MADE WITH 3-M DBR/Y-6 WATERPROOF SPLICE KIT.

14. DECODER GROUNDING SHALL BE PROVIDED EVERY 600 FEET, AT THE CONTROLLER AND AT THE LAST DECODER OR AT THE END OF THE 2 WIRE PATH. GROUND WITH A 5/8" X 8' COPPER CLAD GROUNDING ROD. #6 COPPER WIRE TO SURGE DEVICE/DECODER. INCLUDE A SURGE ARRESTOR AT EACH GROUNDING LOCATION. A SPLIT BOLT CONNECTION TO BE USED TO CONNECT THE SURGE DEVICE TO THE GROUND WIRE WITH A DBR/Y-6 WATERPROOF CONNECTOR.

15. SPLICING OF JACKETED 2-WIRE IS PERMITTED IN VALVE BOXES ONLY. LEAVE A 24" LONG COIL OF WIRE AT EACH SPLICE AND A 24" LONG EXPANSION LOOP IN ALL PULL BOXES.

16. INSTALL BLACK PLASTIC VALVE BOXES WITH BOLT DOWN, NON HINGED COVER MARKED "IRRIGATION CONTROL VALVE". BOX BODY SHALL HAVE KNOCK OUTS. ACCEPTABLE VALVE BOX MANUFACTURER'S INCLUDE NDS, CARSON OR APPROVED EQUAL.

17. INSTALL REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, BUILDING OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, INSTALL EACH BOX AN EQUAL DISTANCE FROM THE WALK, CURB, BUILDING OR LANDSCAPE FEATURE AND PROVIDE 12" BETWEEN BOX TOPS. ALIGN THE SHORT SIDE OF RECTANGULAR VALVE BOXES PARALLEL TO WALK, CURB, BUILDING OR LANDSCAPE FEATURE.

18. VALVE LOCATIONS SHOWN ARE DIAGRAMMATIC. INSTALL IN GROUND COVER/SHRUB AREAS (AVOID LAWN AREAS WHERE POSSIBLE).

19. THE CONTRACTOR SHALL LABEL CONTROL LINE WIRE AT EACH REMOTE CONTROL VALVE WITH A 2 1/4" X 2 3/4" POLYURETHANE I.D. TAG, INDICATING IDENTIFICATION NUMBER OF VALVE (CONTROLLER AND STATION NUMBER). ATTACH LABEL TO CONTROL WIRE. THE CONTRACTOR SHALL PERMANENTLY STAMP ALL VALVE BOX LIDS WITH APPROPRIATE IDENTIFICATION AS NOTED IN CONSTRUCTION DETAILS.

20. FLUSH AND ADJUST IRRIGATION OUTLETS AND NOZZLES FOR OPTIMUM PERFORMANCE AND TO PREVENT OVER SPRAY ONTO WALKS, ROADWAYS, AND/OR BUILDINGS. SELECT THE BEST DEGREE OF THE ARC AND RADIUS TO FIT THE EXISTING SITE CONDITIONS AND THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH CONTROL ZONE.

21. LOCATE BUBBLERS ON UPHILL SIDE OF PLANT OR TREE.

22. INSTALL A HUNTER HCV SERIES, KBI CV SERIES, OR APPROVED EQUAL SPRING LOADED CHECK VALVE IN SPRINKLER RISER ASSEMBLIES WHERE LOW OUTLET DRAINAGE WILL CAUSE EROSION AND/OR EXCESS WATER.

23. WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, USE CAUTION TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATE BY HAND IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR. BACK FILL TRENCHES ADJACENT TO TREE WITHIN TWENTY-FOUR (24) HOURS. WHERE THIS IS NOT POSSIBLE, SHADE THE SIDE OF THE TRENCH ADJACENT TO THE TREE WITH WET BURLAP OR CANVAS.

24. NOTIFY LOCAL JURISDICTIONS FOR INSPECTION AND TESTING OF INSTALLED BACKFLOW PREVENTION DEVICE.

25. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE.

26. IRRIGATION DEMAND: REFER TO PLANS.

27. THE EXISTING MAIN LINE SHOWN ON THE DRAWINGS IS DIAGRAMMATIC. VERIFY AND LOCATE EXISTING MAIN LINE IN FIELD. REPORT TO ARCHITECT IN WRITING ANY DEVIATION OF EXISTING MAIN LINE LOCATION FROM THAT SHOWN ON THE DRAWINGS.

28. PIPE SIZING SHOWN ON THE DRAWINGS IS TYPICAL. AS CHANGES IN LAYOUT OCCUR DURING STAKING AND CONSTRUCTION THE SIZE MAY NEED TO BE ADJUSTED ACCORDINGLY.

29. PIPE THREAD SEALANT COMPOUND SHALL BE RECTOR SEAL #5.

30. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR CHANGES IN THE IRRIGATION LAYOUT DUE TO OBSTRUCTIONS NOT SHOWN ON THE IRRIGATION DRAWINGS SUCH AS LIGHTS, FIRE HYDRANTS, SIGNS, ELECTRICAL ENCLOSURES, ETC.

31. WHEN WORK OF THIS SECTION HAS BEEN COMPLETED AND SUCH OTHER TIMES AS MAY BE DIRECTED, REMOVE ALL TRASH, DEBRIS, SURPLUS MATERIALS AND EQUIPMENT FROM SITE.

32. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLEMENTAL HAND WATERING OF ALL PLANT MATERIAL WITHIN DRIPLINE AREAS UNTIL THE PLANTS ARE SUFFICIENTLY ESTABLISHED.

33. VERIFY LOCATIONS OF ALL IRRIGATION COMPONENTS INSTALLED WITHIN A VALVE BOX WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. DO NOT INSTALL UNTIL LANDSCAPE ARCHITECT PROVIDES ACCEPTABLE LOCATIONS.

IRRIGATION COORDINATION NOTES

1. PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL ALL PIPING WITHIN THE STRUCTURE. PIPE MATERIAL SHALL BE APPROVED FOR USE WITHIN A STRUCTURE PER PLUMBING CODE. REFER TO MEP OR PLUMBING DRAWING FOR EXACT ROUTING THOUGH THE STRUCTURE. REFER TO IRRIGATION PLANS FOR APPROXIMATE LOCATION OF STUB OUT LOCATIONS. EXIT OF PIPE TO BE WITHIN PLANTERS WHERE POSSIBLE. ALL PENETRATION POINTS SHALL BE WATERPROOFED AS REQUIRED.

2. IRRIGATION SLEEVES OR CONDUITS WITHIN PRECAST OR POURED IN PLACE PLANTERS SHALL BE COORDINATED AND INSTALLED PRIOR TO THE CONSTRUCTION. ALL PENETRATION POINTS SHALL BE WATERPROOFED AS REQUIRED.

3. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT, PULL BOXES AND WIRE IN STRUCTURE. THE DRAWINGS INDICATE REQUIRED CONDUIT SIZE AND TYPE OF LOW VOLTAGE CABLE. FINAL CONNECTION OR WIRING TO REMOTE CONTROL VALVES AND CONTROLLER SHALL BE COMPLETED BY IRRIGATION CONTRACTOR.

IRRIGATION WATER USE CALCULATIONS

4th and Railroad Amenity Terrace - WATER USE ESTIMATION

WATER TYPE	POTABLE
SITE ETo=	42.7

REGULAR LANDSCAPE AREAS

HYDROZONE #	HYDROZONE NAME	PLANT WATER USE TYPE	PLANT FACTOR (PF)	IRRIGATION METHOD	IRRIGATION EFFICIENCY	ETAF (PF/IE)	AREA (SQ. FT) (HA)	ETAF X AREA (HA)	ETWU (GAL/YR)	ACRE FEET/ YEAR	HCF/ YEAR	PERCENTAGE OF LANDSCAPE
1	SHRUBS/GC	MOD	0.5	DRIP	0.81	0.617	1,108	683	18,074	0.06	24.16	54%
2	TREES	LOW	0.2	BUBBLER	0.81	0.247	960	237	6,275	0.02	8.39	46%
						TOTALS	2,068	920	24,350	0.07	32.55	100%

SPECIAL LANDSCAPE AREAS

HYDROZONE #	HYDROZONE NAME											
-						1						0%
						TOTALS	0					0%

MAWA	GALLONS/YR	24,613
	ACRE FEET/YR	0.08
	HCF/YR	32.90

MAWA FORMULA

MAXIMUM APPLIED WATER ALLOWANCE (MAWA) GALLONS PER YEAR

MAWA = (ETo)(0.62)[(LA x 0.45) + (0.55 x SLA)]

ETo = REFERENCE EVAPOTRANSPIRATION
0.55= ET ADJUSTMENT FACTOR
LA=LANDSCAPED AREA (SQUARE FEET)
0.62 = CONVERSION FACTOR (GALLONS/SQ.FT/YR)

ETWU	GALLONS/YR	24,350
	ACRE FEET/YR	0.07
	HCF/YR	32.55

ETWU FORMULA

ESTIMATED TOTAL WATER USE (ETWU) GALLONS PER YEAR

ETWU= ((ETO)(.62)(ETAF x LA))

ETo = REFERENCE EVAPOTRANSPIRATION
PF = PLANT FACTOR FOR HYDROZONES
HA = HYDROZONE AREA (SQ.FT)
0.62 = CONVERSION FACTOR (GALLONS/SQ.FT/YR)

SITE IRRIGATION EFFICIENCY	SITE PLANT FACTOR	MAWA COMPLIANT
81.0%	0.36	YES

IE = IRRIGATION EFFICIENCY (0.81)-BUBBLER/DRIP
IE = IRRIGATION EFFICIENCY (0.75)-ROTORS/SPRAY

ETAF Calculations	
REGULAR LANDSCAPE AREAS	
TOTAL ETAF x AREA	920
TOTAL AREA	2,066
AVG. ETAF	44.52%

IRRIGATION DESIGN NARRATIVE

THE PROPOSED IRRIGATION SYSTEM FOR THIS SITE WILL BE DESIGNED WITH THE LATEST TECHNOLOGY IN WATER CONSERVATION AND EFFICIENCY. THE SYSTEM WILL CONSIST OF THE FOLLOWING TYPES OF IRRIGATION METHODS AND EQUIPMENT COMPLYING WITH THE STATE WATER ORDINANCE. ALL SMALL PLANTING BEDS WILL BE IRRIGATED WITH WATER CONSERVING AND HIGHLY EFFICIENT INLINE DRIP. ALL BIORETENTION WILL BE IRRIGATED WITH INLINE DRIP SPACED AT 12" O.C. SINCE BIORETENTION AREAS ARE LESS THAN 10 FT WIDE. THE CONTROLLER THAT WILL MANAGE THIS SYSTEM USES LOCAL WEATHER TO ADJUST THE RUN TIMES OF THE VALVES BASED ON DAILY WEATHER CONDITIONS. UTILIZING THIS TYPE OF WEATHER-BASED SYSTEM WILL HELP THE LANDSCAPE MANAGER SAVE 25% MORE WATER THAN WITH A CONVENTIONAL CONTROLLER.

IRRIGATION ZONES

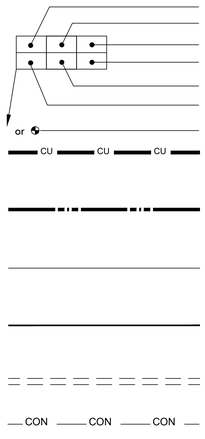
1. LOW AND MODERATE WATER-USE SHRUBS/GROUNDCOVER/FLOWERING PLANTS: TO BE IRRIGATED WITH INLINE DRIP
2. LARGE SHRUBS AND TREES: TO BE IRRIGATED USING POINT SOURCE BUBBLERS.
3. STORMWATER TREATMENT: TO BE IRRIGATED WITH INLINE DRIP SPACED AT 12" O.C.

I HAVE COMPLIED WITH THE CRITERIA OF THE WATER CONSERVATION IN LANDSCAPING ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE AND IRRIGATION DESIGN PLANS.

Chris Mitchell

IRRIGATION LEGEND

SYMBOL	MODEL NUMBER	DESCRIPTION	NOZZLE GPM	OPERATING PSI	OPERATING RADIUS (FEET)
	DB-15-PC-CV	TORO BUBBLER, 1 PER SHRUB	0.25	30	TRICKLE
	DB-15-PC-CV	TORO BUBBLER, MIN. 2 PER TREE. REFER TO BUBBLER DETAIL FOR QUANTITY OF BUBBLERS PER TREE SIZE.	0.25	30	TRICKLE
	T-YD-500-34	TORO DRIPLINE AIR RELIEF VALVE			
	WLT-0500-T	NDS SCH 40 BALL VALVE OR APPROVED EQUAL			
	570-DRIP-IND	TORO POP-UP DRIPLINE INDICATOR WITH SIDE INLET.			
	P-220-26 SERIES	TORO REMOTE CONTROL VALVE			
	DZK-700-MF	TORO DRIP ZONE KIT WITH IRRITROL 700 SERIES REMOTE CONTROL VALVE, PRESSURE REGULATOR (40 PSI) AND A 1" FILTER			
	QB44RCAR10	BUCKNER 1" TWO-PIECE QUICK COUPLING VALVE (ANTI-ROTATION)			
CV	KC OR KSC	NDS KSC SERIES CHECK VALVE FOR UPHILL FLOW DIRECTION OR KC SERIES SPRING CHECK VALVE FOR DOWNHILL FLOW DIRECTION (LINE SIZE)			
	T-FP600A-LF-1"	NIBCO 1" BRASS BALL VALVE			
	975XL2SEU-1"	WILKINS REDUCED PRESSURE BACKFLOW ASSEMBLY WITH FREEZE BLANKET.			
MV	3100100	SUPERIOR MASTER VALVE-1" (NORMALLY OPEN)			
FS	QS200-10	FLOMEC 1" PVC FLOW SENSOR			
C	EGP-TW-S/ EGP-ICENTRAL	RAIN MASTER EAGLE PLUS CONTROLLER IN A STAINLESS STEEL PEDESTAL ENCLOSURE; INCLUDES I-CARD, CELL COMMUNICATION KIT AND FIVE YEARS RAIN MASTER I-CENTRAL SERVICE.			
—	TW-D-1	RAIN MASTER SINGLE STATION DECODER (1 PER VALVE)			
—	TW-D-2	RAIN MASTER TWO STATION DECODER (USE WHEN MORE THAN 1 OR MORE VALVES ARE CLUSTERED TOGETHER)			
—	TW-LA-1	RAIN MASTER LIGHTENING ARRESTOR (1 EVERY 600 FEET ALONG MAIN) REFER TO DETAILS FOR INSTALLATION INSTRUCTIONS.			
—	NOT SHOWN ON PLANS	ROUTE RAIN MASTER TWO WIRE CABLE TO ALL REMOTE CONTROL VALVES. SIZE #14AWG WIRE WITH A JACKETED 2-CONDUCTOR. PREFERRED WIRE MAKE AND MODEL IS TW-CAB-14. ALL SPLICING SHALL BE MADE WITH 3-M DBR/Y-6 WATERPROOF SPLICE KITS OR APPROVED EQUAL. INSTALL 2 WIRE CABLE WITHIN 1.25" SCH 40 ELECTRICAL CONDUIT. PULL BOXES SHALL BE LOCATED EVERY 200' NO SPLICES ARE ALLOWED BETWEEN VALVES. REFER TO DETAIL FOR INSTALLATION INSTRUCTIONS.			
R	RS-1000	IRRITROL WIRELESS RAIN SENSOR			



CONTROLLER AND STATION NUMBER

REMOTE CONTROL VALVE SIZE (IN INCHES)

FLOW (GPM)

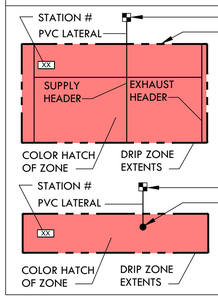
WATER USE CLASSIFICATION OF ZONE

APPLICATION RATE (IN/HR) or DRIPLINE SPACING

AREA (SQ. FT.)

ASSOCIATED REMOTE CONTROL VALVE

MAIN LINE:	1.5" AND SMALLER: TYPE 'K' COPPER PIPE WITH WROUGHT FITTINGS. SHOWN FOR REFERENCE ONLY, SEE PLUMBING PLANS FOR ROUTING THROUGH STRUCTURE.
MAIN LINE:	1.5" AND SMALLER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 18" COVER.
LATERAL LINE:	3/4" AND LARGER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.
DRIPLINE LATERAL LINE:	3/4" AND LARGER: 1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.
SLEEVING:	SCHEDULE 40 PVC PLASTIC PIPE. COVER TO BE AS INDICATED IN SPECIFICATIONS OR AS INDICATED ABOVE FOR PIPE DEPTH OF COVER.
ELECTRICAL CONDUIT:	SHOWN FOR REFERENCE ONLY, SEE ELECTRICAL PLANS FOR ROUTING THROUGH STRUCTURE.



DRIPLINE REMOTE CONTROL VALVE

DRIP ZONE:
TORO DL2000 SERIES DRIPLINE WITH DL2000 INSERT FITTINGS, PART #RGP-212. TUBING TO BE INSTALLED 4" BELOW GRADE IN A 12" O.C. GRID ACCORDING TO DETAILS. SIZE EXHAUST HEADERS AS FOLLOWS: 1": 0-10 GPM, 1.25": 11-20 GPM. ALL EXHAUST HEADERS SHALL BE 1" SCH 40 PVC OR 1" SCH 40 FLEXIBLE PVC. USE SCH. 40 PVC SOLVENT WELD FITTINGS. EXTEND PVC HEADERS TO THE ENDS OF ALL DRIP ZONES TO BALANCE FLOW IF REQUIRED. SEE DETAILS FOR FURTHER INFORMATION.

DRIPLINE REMOTE CONTROL VALVE

APPROXIMATE CONNECTION POINT BETWEEN DRIPLINE TUBING AND PVC SUPPLY WHEN DRIP ZONE IS LESS THAN 3 GPM AND NO PVC SUPPLY/EXHUST HEADERS ARE NEEDED. REFER TO DRIPLINE TUBING CONNECTION DETAIL FOR MORE INFORMATION.

934 Howard Street
San Francisco, CA
94103

P. (415) 677-0966

PLACE
735 NW 18th Avenue
Portland, OR 97209
503.334.2080
www.place.la

CLIENT:

HARVEST PROPERTIES

PROMETHEUS

PROJECT NAME & ADDRESS:

4TH & RAILROAD

4TH & RAILROAD
San Mateo, CA

ISSUE:	PLANNING APPLICATION RESUBMITTAL #2	
ISSUE DATE:	01/29/2024	

REVISIONS :

	DESCRIPTION	DATE
1	PLANNING SUBMISSION	2/01/2023
1	PLANNING SUBMISSION RESUBMITTAL	10/10/2023
2	PLANNING SUBMISSION RESUBMITTAL #2	01/29/2024

SCALE:

PROJECT NUMBER:	2202017.00
DRAWN BY:	YW
CHECKED BY:	MMc

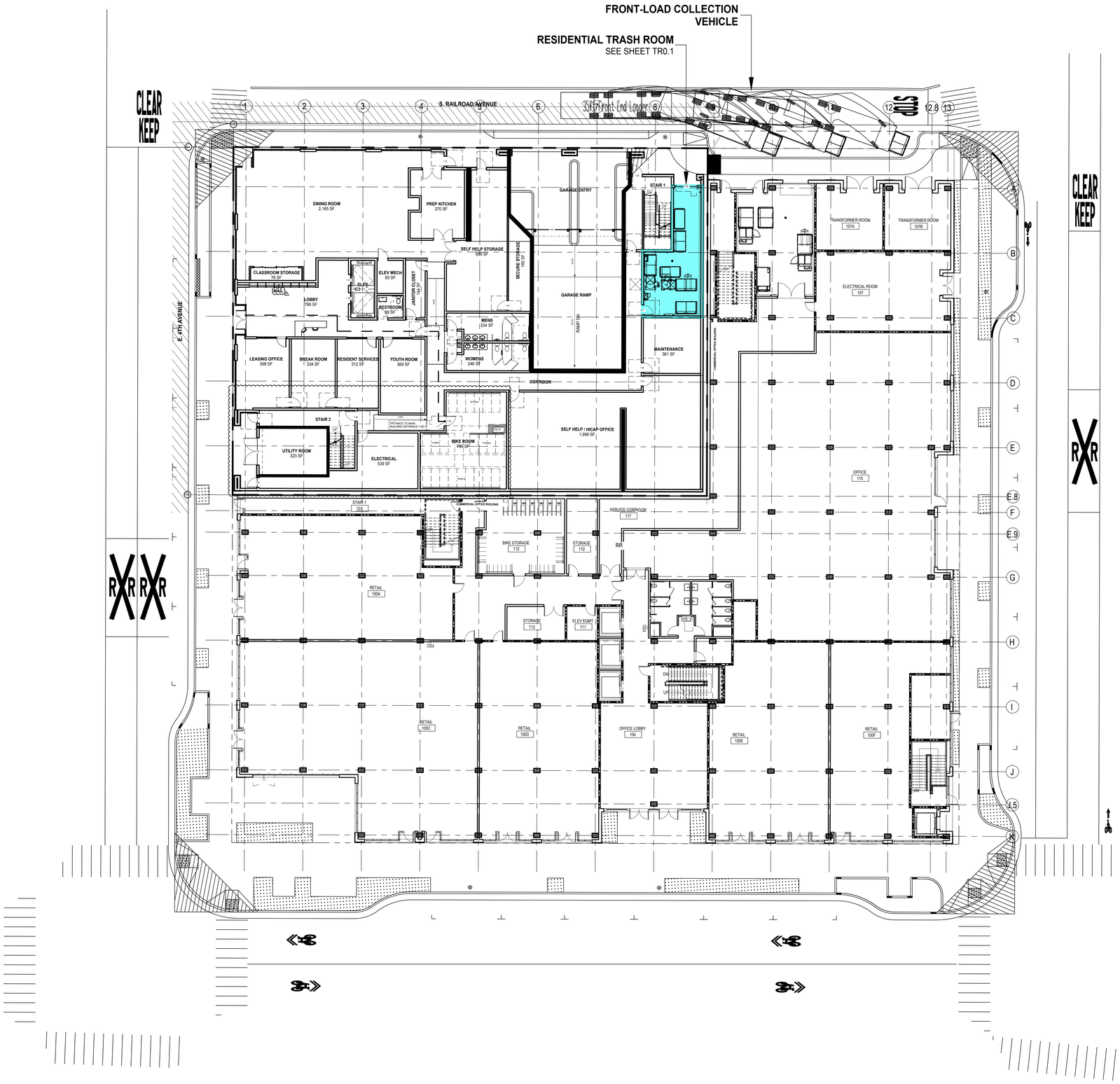
STAMP:

NOT FOR CONSTRUCTION

1

SHEET NAME:
IRRIGATION NOTES AND LEGEND

SHEET NUMBER:
LR2.1



TRASH ROUTE / STAGING PLAN

LEVEL 1

SCALE: NTS

GENERAL NOTES.

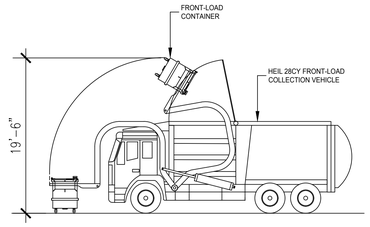
1. ANY DESIGNS OR SOLUTIONS SHOWN IN DRAWING, EITHER DIRECT OR IMPLIED, ARE HEREBY CLARIFIED AS EXAMPLES AND SHALL NOT BE CONSIDERED COMPLETE DESIGNS FOR CONSTRUCTION. THESE DRAWINGS ARE INTENDED TO SUPPLEMENT THE SUBMITTAL PACKAGE FROM ARCHITECT.
2. ANY PARTIAL INFORMATION, OMISSIONS, OR INACCURATE DESCRIPTIONS OF WORK SHOWN IN DRAWINGS, WHICH ARE NECESSARY TO PERFORM THE SCOPE OF WORK, SHALL NOT RELIEVE THE CONTRACTOR FROM COMPLETION OF WORK. ALL WORK SHALL BE PERFORMED TO SATISFY THE MINIMUM REQUIREMENTS OF THE CURRENT APPLICABLE BUILDING CODES.
3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO START OF CONSTRUCTION. THE ARCHITECT SHALL BE PROMPTLY NOTIFIED OF ANY INCONSISTENCIES AND/OR DISCREPANCIES.

DESIGN ISSUES.

1. **RELOCATE CHUTES PER PLAN. NOTE THIS IS THE BEST LAYOUT FOR CHUTES TO STACK VERTICALLY THROUGHOUT BUILDING.**
2. **AT UPPER LEVELS: REVISE CHUTE INTAKE VESTIBULES TO ACCOMMODATE RELOCATED CHUTES. PROVIDE 25" FROM CENTERLINE OF 30"Ø CHUTES TO FACE OF INTAKE WALL.**

PROJECTED COLLECTION SCHEDULE: RESIDENTIAL TRASH AREA

SERVICE:	M	Tu	W	Th	F	Sa	Su
WASTE - 3CY COMPACTED			1				
RECYCLING - 3CY COMPACTED		1		1			
COMPOST - 2CY LOOSE	1		1		1		
TOTAL	1	1	2	1	1	0	0



FRONT-LOAD COLLECTION VEHICLE
SHOWN LOADING CONTAINERS

934 Howard Street
San Francisco, CA
94103

P. (415) 677-0966

AMERICAN TRASH MANAGEMENT
1900 POWELL STREET, SUITE 220
EMERYVILLE, CALIFORNIA 94608
P. 415.292.5400
F. 415.292.5410
consultingprojects@trashmanage.com

CLIENT:

PROJECT NAME & ADDRESS:

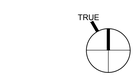
4TH & RAILROAD

4TH & RAILROAD
San Mateo, CA

ISSUE: Project Status
ISSUE DATE: Issue Date

REVISIONS :

#	DESCRIPTION	DATE
1	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024



SCALE:

PROJECT NUMBER: 2126
DRAWN BY: BM
CHECKED BY: SB

STAMP:

STAMP
ALL DRAWINGS AND WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

SHEET NAME:

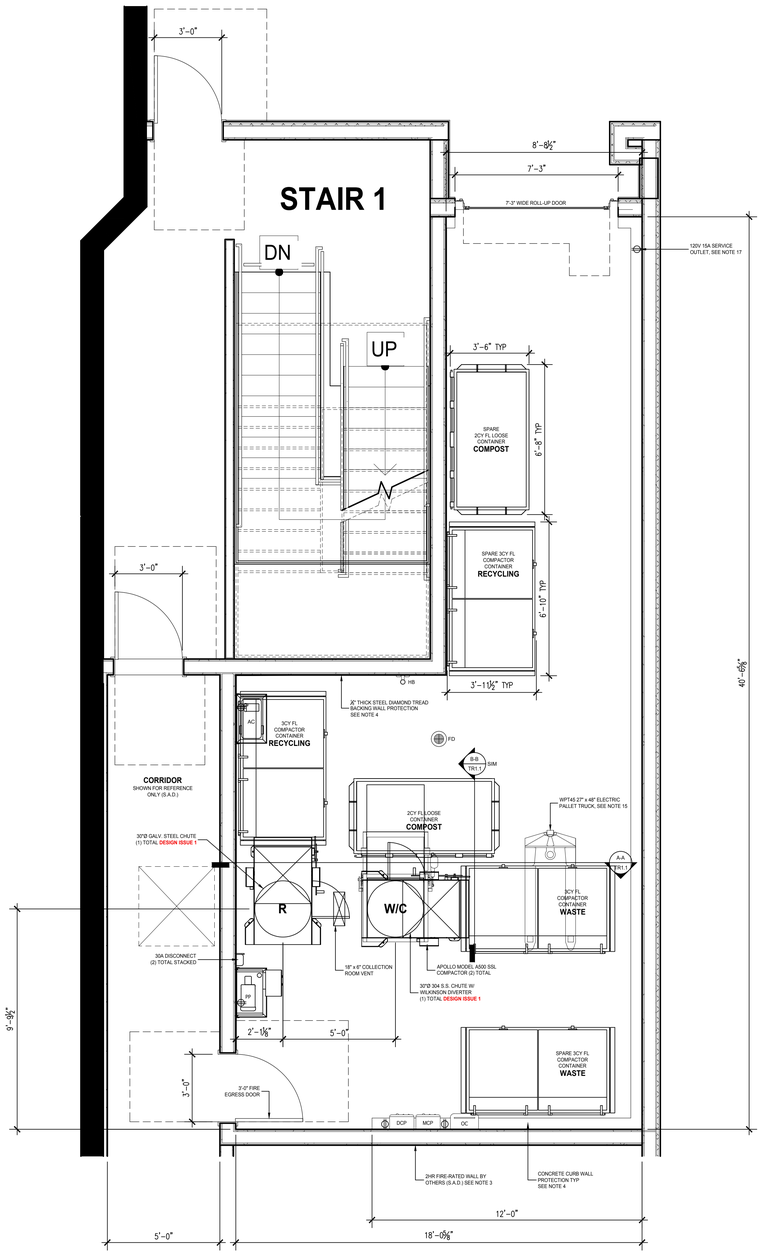
TRASH ROUTE / STAGING PLAN

SCALE: As Indicated SHEET SIZE: 30 x 42

SHEET NUMBER:

TR0.0

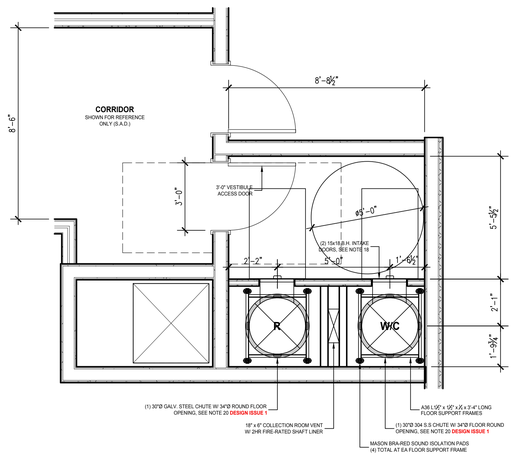
plot date :



RESIDENTIAL TRASH ROOM PLAN

LEVEL 1

SCALE: ⅜" = 1'-0"



CHUTE INTAKE VESTIBULE

SIMILAR AT LEVELS 2-7

SCALE: ⅜" = 1'-0"

SHEET NOTES:

RESIDENTIAL TRASH ROOM. LEVEL 1.

1. TRASH COLLECTION ROOM IS 2HR FIRE-RATED - RESTRICTED ACCESS.
2. FLOOR SHALL BE FINISHED WITH WATERPROOF DECK COATING. FLOOR TO HAVE MINIMAL SLOPE (1° MAX) AND FLOOR DRAIN. FLOOR LEVEL UNDER COMPACTORS.
3. WALLS SHALL BE FINISHED WITH WASHABLE WATERPROOF SURFACE SUCH AS FRP OR HIGH-GLOSS ENAMEL PAINT 8'-0" AFF.
4. WALL PROTECTION: 12"Hx6"W CONCRETE CURB AT BASE OF WALLS PER PLAN. INSTALL ⅛" THICK STEEL DIAMOND TREAD BACKING 6'-0" AFF ALONG WALL ALONG WEST SIDE OF TRASH ROOM PER PLAN.
5. ROOM SHALL BE MECHANICALLY VENTILATED WITH (1) CFM/SF PER 2022 CBC.
6. 7'-3" WIDE ROLL-UP DOOR FOR TRANSFERRING CONTAINERS. INSTALL 3'-0" NFPA COMPLIANT DOOR FOR FIRE EGRESS.
7. (1) 30"Ø GALVANIZED STEEL CHUTE WITH APOLLO MODEL A500 SINGLE-SIDE LATCH COMPACTORS AND 3CY FL COMPACTOR CONTAINER FOR RECYCLING DISPOSAL. CHUTE TERMINATES 5'-9" AFF.
8. (1) 30"Ø 304 STAINLESS STEEL CHUTE WITH WILKINSON DIVERTER FOR WASTE AND COMPOST. PROVIDE APOLLO MODEL A500 SINGLE-SIDE LATCH COMPACTOR AND 3CY FL COMPACTOR CONTAINER FOR WASTE DISPOSAL AND 2CY FL LOOSE CONTAINER FOR COMPOST DISPOSAL. CHUTE TERMINATES 9'-10" AFF.
9. PP: COMPACTOR POWER PACKS SHALL BE FLOOR-MOUNTED AND STACKED VERTICALLY. (2) 5HP 3-PHASE, 208/230/460V. (2) 30A DISCONNECTS 60" AFF.
10. MCP: (1) TOTAL CHUTE MASTER CONTROL PANEL SHALL BE WALL-MOUNTED 60" AFF. MUST ALLOW LOCK DOWN OF CHUTE INTAKES FOR EXCHANGING CONTAINERS AND WASHING CHUTES. 120V 15A SERVICE OUTLET REQUIRED.
11. DCP: (1) TOTAL DIVERTER CONTROL PANEL SHALL BE WALL-MOUNTED 60" AFF. 120V 15A SERVICE OUTLET REQUIRED.
12. AC: AIR COMPRESSORS (OIL LESS) 4610AC WITH AUTOMATIC TANK DRAIN VALVE. 2HP PEAK, TWIN TANK CAPACITY 4.6 GALLONS, VOLTAGE @ 60 HZ 110 VOLTS, CURRENT 8.5 AMPS TO POWER THE CHUTE INTAKE DOORS. (1) TOTAL.
13. OC: ODOR CONTROL UNIT SHALL BE WALL-MOUNTED 60" AFF. 120V 15A SERVICE OUTLET REQUIRED.
14. HB: HOT AND COLD HOSE BIBB SHALL BE WALL-MOUNTED 60" AFF.
15. PROVIDE WPT45 27" x 48" ELECTRIC PALLET TRUCK FOR TRANSFERRING CONTAINERS. 4500LB CAPACITY WITH 57.5" TURNING RADIUS. 120V 15A SERVICE OUTLETS REQUIRED.
16. CHUTE DISCHARGE DOORS: WILKINSON TYPE-A, B-LABEL CONSTRUCTION 90 MINUTE FIRE-RATED, HORIZONTALLY ROLLING DOOR, HELD OPEN BY 165°F FUSIBLE LINK, SHOWN IN CLOSED POSITION.
17. PROVIDE (1) UNDEDICATED 120V 15A SERVICE OUTLET REQUIRED FOR STAFF MAINTENANCE PURPOSE.

CHUTE INTAKE VESTIBULE. SIMILAR AT LEVELS 2-7.

18. CHUTE INTAKE VESTIBULES SHALL BE 2HR FIRE-RATED WITH 2HR FIRE-RATED ACCESS DOORS. 5'-0" MIN CLEAR REQUIRED PER ADA STANDARDS - RESIDENTIAL ACCESS. POWER TO INTAKE DOORS SUPPLIED BY MCP. PROVIDE (1) 15x18 BOTTOM HINGED, ICD-2000, PNEUMATIC ASSIST CHUTE INTAKE DOOR FOR WASTE AND COMPOST AT EACH FLOOR. SEE DETAIL 2/TR2.0. PROVIDE (1) 15x18 BOTTOM HINGED, NORMALLY CLOSED LOW-VOLTAGE, ELECTRICALLY INTERLOCKED, AUTOMATIC OPENING DOOR FOR RECYCLING AT EACH FLOOR. SEE DETAIL 3/TR2.0.
19. 2HR FIRE-RATED FACE WALL SHALL NOT BE ERECTED UNTIL CHUTES HAVE BEEN INSTALLED. FOR SOUND PROOFING PURPOSES, DOUBLE STUD-WALLS ARE REQUIRED ADJACENT TO OCCUPIED SPACES. INTERIOR OF SHAFT SHALL BE TAPED TO PREVENT ODOROUS AIR LEAKING INTO OCCUPIED SPACES.
20. PROVIDE ROUND FLOOR OPENINGS AT CONCRETE FLOORS AND SQUARED FLOOR OPENINGS AT WOOD-FRAME CONSTRUCTION. SEE PLAN FOR DIAMETER OF OPENINGS. INSTALL FLOOR SUPPORT FRAME AT EACH FLOOR PENETRATION TO SECURE CHUTE. SEE DETAIL 9/TR2.0 FOR ANCHORING. POUR RINGS WILL VARY BASED ON THICKNESS OF FLOOR SLAB - PROVIDED BY MANUFACTURER.

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3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO START OF CONSTRUCTION. THE ARCHITECT SHALL BE PROMPTLY NOTIFIED OF ANY INCONSISTENCIES AND/OR DISCREPANCIES.

DESIGN ISSUES.

1. **RELOCATE CHUTES PER PLAN. NOTE THIS IS THE BEST LAYOUT FOR CHUTES TO STACK VERTICALLY THROUGHOUT BUILDING.**
2. **AT UPPER LEVELS: REVISE CHUTE INTAKE VESTIBULES TO ACCOMMODATE RELOCATED CHUTES. PROVIDE 25" FROM CENTERLINE OF 30"Ø CHUTES TO FACE OF INTAKE WALL.**

TRUE

0' 8' 16'

PROJECTED COLLECTION SCHEDULE: RESIDENTIAL TRASH AREA

SERVICE:	M	Tu	W	Th	F	Sa	Su
WASTE - 3CY COMPACTED			1				
RECYCLING - 3CY COMPACTED		1		1			
COMPOST - 2CY LOOSE	1		1		1		
TOTAL	1	1	2	1	1	0	0

ARCHITECTURE
934 Howard Street
San Francisco, CA
94103

P. (415) 677-0966

AMERICAN TRASH MANAGEMENT
1900 POWELL STREET, SUITE 220
EMERYVILLE, CALIFORNIA 94608
P: 415.292.5400
F: 415.292.5410
consultingprojects@trashmanage.com

CLIENT:

ALTA HOUSING · HARVEST PROPERTIES · PROMETHEUS

PROJECT NAME & ADDRESS:

4TH & RAILROAD

4TH & RAILROAD
San Mateo, CA

ISSUE: Project Status
ISSUE DATE: Issue Date

REVISIONS :

Δ	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:

PROJECT NUMBER: 2126
DRAWN BY: BM
CHECKED BY: SB

STAMP:

STAMP
ALL DRAWINGS AND WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

SHEET NAME:

RESIDENTIAL TRASH ROOM PLAN

SCALE: As Indicated SHEET SIZE: 30 x 42

SHEET NUMBER:

TR0.1

plot date :

SHEET NOTES:

SECTIONS AT RESIDENTIAL TRASH ROOM. LEVEL 1.

1. TRASH COLLECTION ROOM IS 2HR FIRE-RATED - RESTRICTED ACCESS.
2. FLOOR SHALL BE FINISHED WITH WATERPROOF DECK COATING. FLOOR TO HAVE MINIMAL SLOPE (1° MAX) AND FLOOR DRAIN. FLOOR LEVEL UNDER COMPACTORS.
3. WALLS SHALL BE FINISHED WITH WASHABLE WATERPROOF SURFACE SUCH AS FRP OR HIGH-GLOSS ENAMEL PAINT 8'-0" AFF.
4. WALL PROTECTION: 12"Hx6"W CONCRETE CURB AT BASE OF WALLS PER PLAN. INSTALL ⅛" THICK STEEL DIAMOND TREAD BACKING 6'-0" AFF ALONG WALL ALONG WEST SIDE OF TRASH ROOM PER PLAN.
5. ROOM SHALL BE MECHANICALLY VENTILATED WITH (1) CFM/SF PER 2022 CBC.
6. (1) 30"Ø GALVANIZED STEEL CHUTE WITH APOLLO MODEL A500 SINGLE-SIDE LATCH COMPACTORS AND 3CY FL COMPACTOR CONTAINER FOR RECYCLING DISPOSAL. CHUTE TERMINATES 5'-9" AFF.
7. (1) 30"Ø 304 STAINLESS STEEL CHUTE WITH WILKINSON DIVERTER FOR WASTE AND COMPOST. PROVIDE APOLLO MODEL A500 SINGLE-SIDE LATCH COMPACTOR AND 3CY FL COMPACTOR CONTAINER FOR WASTE DISPOSAL AND 2CY FL LOOSE CONTAINER FOR COMPOST DISPOSAL. CHUTE TERMINATES 9'-10" AFF.
8. CHUTE DISCHARGE DOORS: WILKINSON TYPE-A, B-LABEL CONSTRUCTION 90 MINUTE FIRE-RATED, HORIZONTALLY ROLLING DOOR, HELD OPEN BY 165°F FUSIBLE LINK, SHOWN IN CLOSED POSITION.

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3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO START OF CONSTRUCTION. THE ARCHITECT SHALL BE PROMPTLY NOTIFIED OF ANY INCONSISTENCIES AND/OR DISCREPANCIES.

DESIGN ISSUES.

1. **RELOCATE CHUTES PER PLAN. NOTE THIS IS THE BEST LAYOUT FOR CHUTES TO STACK VERTICALLY THROUGHOUT BUILDING.**
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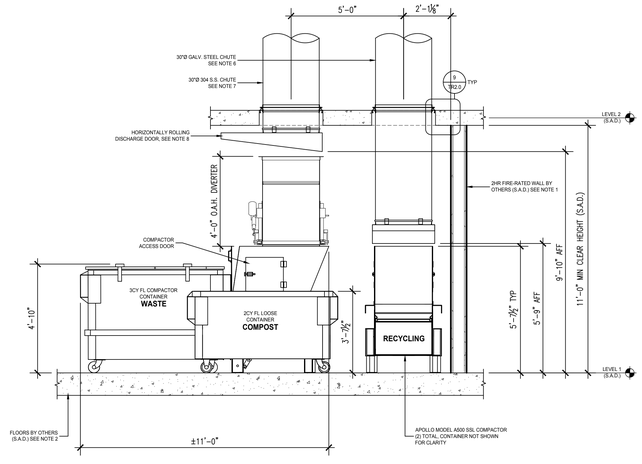
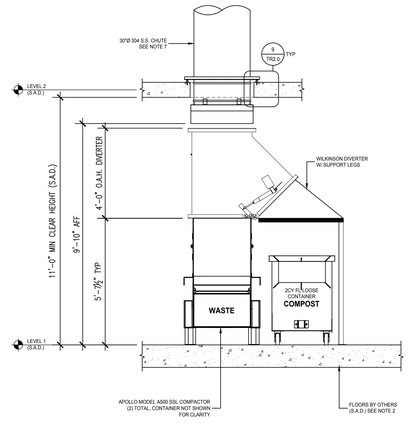


SECTION A-A



SECTION B-B

PROJECTED COLLECTION SCHEDULE: RESIDENTIAL TRASH AREA							
SERVICE:	**M**	**Tu**	**W**	**Th**	**F**	**Sa**	**Su**
WASTE - 3CY COMPACTED			1				
RECYCLING - 3CY COMPACTED		1		1			
COMPOST - 2CY LOOSE	1		1		1		
TOTAL	1	1	2	1	1	0	0

TRUE

0' 8' 16'

SCALE: ⅜" = 1'-0"

SCALE:

PROJECT NUMBER: 2126
DRAWN BY: BM
CHECKED BY: SB

STAMP:

STAMP
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SHEET NAME:

SECTIONS AT RESIDENTIAL TRASH ROOM

SCALE: As Indicated **SHEET SIZE:** 30 x 42

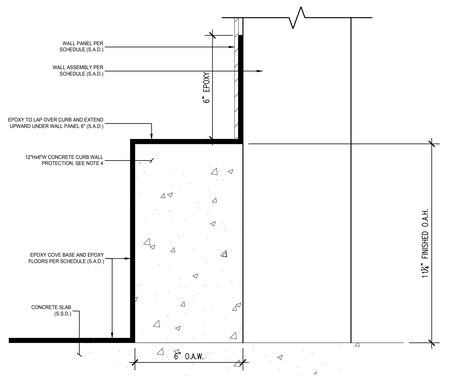
SHEET NUMBER:

TR1.1

SECTIONS

AT RESIDENTIAL TRASH ROOM

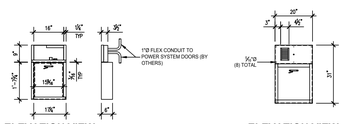
plot date :



1 WALL PROTECTION CONCRETE CURB

SCALE: NTS

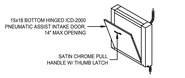
NOTES:
1. INTAKE DOOR AND TRIM SHALL BE REMOVED FOR DOOR MAINTENANCE.
2. BOTTOM HINGED DOORS ARE SELF-CLOSING, NONSLEEK, AND SELF-LATCHING. UL CLASSIFIED 90 MINUTE FIRE-RATED DOOR AND FRAME ASSEMBLY AND A TEMPERATURE RISE OF 250° F MAX IN 30 MINUTES.
3. MAX OPENING FOR INTAKE DOOR IS 14" FROM FACE OF FINISHED WALL.
4. 2022 CBC - 119-404.3.5 HEIGHT: CONTROLS AND OPERATING MECHANISMS SHALL BE LOCATED NO HIGHER THAN 48 INCHES AND NO LOWER THAN 15 INCHES ABOVE THE FINISHED FLOOR MEASURED TO THE CENTER OF THE GRIP.
5. 2022 CBC - 119-309.4 OPERATION: CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS AND OPERATING MECHANISMS SHALL BE NO GREATER THAN 5 POUNDS.
6. 18x18 AIR ASSIST ACCESS DOOR IS LARGEST DOOR THAT ATM WILL DESIGN FOR CHUTE INTAKE.
7. ATM WILL NEVER DESIGN A 24x24 INTAKE DOOR AS THESE DOOR SIZES HAVE LED TO FATALITIES.



ELEVATION VIEW
(WITHOUT TRIM)

ELEVATION VIEW
(WITH TRIM: 16 GA. 430 S.S.)

PLAN VIEW



ISOMETRIC VIEW

2 CHUTE INTAKE DOOR

WASTE / COMPOST CHUTES AT UPPER LEVELS

SCALE: ⅜" = 1'-0"

NOTES:
1. INTAKE DOOR AND TRIM SHALL BE REMOVED FOR DOOR MAINTENANCE.
2. BOTTOM HINGED DOORS ARE SELF-CLOSING, NONSLEEK, AND SELF-LATCHING. UL CLASSIFIED 90 MINUTE FIRE-RATED DOOR AND FRAME ASSEMBLY AND A TEMPERATURE RISE OF 250° F MAX IN 30 MINUTES.
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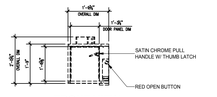
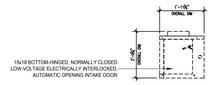
SECTION VIEW



FRONT VIEW
(WITHOUT TRIM)

PLAN VIEW



FRONT VIEW
(WITH TRIM: 16 GA. 430 S.S.)

3 CHUTE INTAKE DOOR

RECYCLING CHUTE AT UPPER LEVELS

SCALE: ⅜" = 1'-0"

SHEET NOTES. 30"Ø CHUTE DETAILS

1. 30"Ø WASTE / COMPOST CHUTE: 16-GAUGE 304 STAINLESS STEEL.
2. 30"Ø RECYCLING CHUTE: 16-GAUGE GALVANIZED OR GALVANNEALED STEEL.
3. 2HR FIRE-RATED WALL ASSEMBLIES ENCASING CHUTE SHAFT. FACE WALL SHALL NOT BE ERECTED UNTIL CHUTES HAVE BEEN INSTALLED.
4. SEE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS TO VERIFY ALL INFORMATION NOT RELATED TO ATM'S SCOPE OF WORK PER AGREEMENT.
5. POUR RINGS WILL VARY BASED ON THICKNESS OF FLOOR SLAB AND SHALL BE PROVIDED BY MANUFACTURER.

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NOTES:
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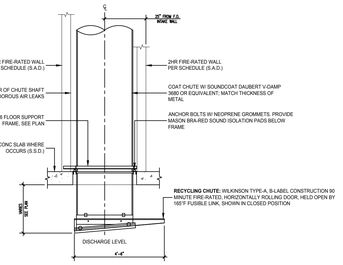
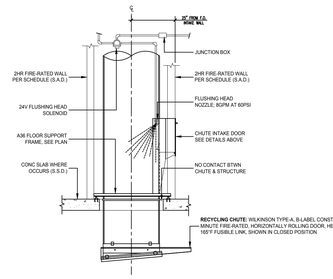
2. INTAKE DOOR NOT SHOWN FOR CLARITY.



5 CHUTE AIR & SOUND ISOLATION

SCALE: ⅜" = 1'-0"

NOTES:
1. SEE DETAIL 7/- FOR D & S UNIT ABOVE, AT HIGHEST INTAKE.



6 CHUTE JANITOR

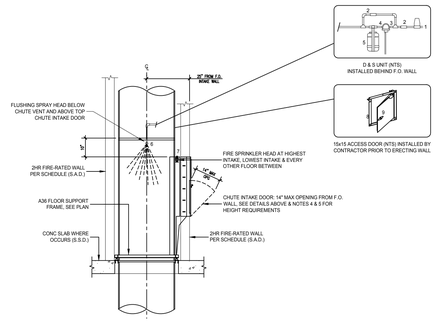
ABOVE FIRST INTAKE

SCALE: ⅜" = 1'-0"

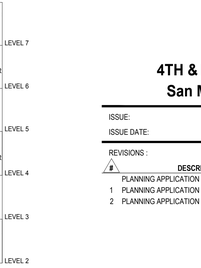
NOTES:
1. PROVIDE HIGH PRESSURE CHUTE WASHDOWN NOZZLE.
2. FILL SANITATION TANK WITH CONCENTRATED DISINFECTING SOLUTION. THE SYPHON HOSE SHOULD REACH THE BOTTOM OF THE SOLUTION CONTAINER. TO FLUSH WITH CLEAN WATER, TURN HANDLE TO THE ON POSITION. FACTORY SETTING OF THE PROPORTIONING VALVE IS FOR 50-GALLONS PER GALLON OF DISINFECTING SOLUTION.
3. D & S UNIT AND FLUSHING SPRAY HEAD BELOW CHUTE VENT NOT SHOWN FOR CLARITY. ALL WASHDOWN EQUIPMENT WILL BE INSTALLED WITHIN CHUTE SHAFT, ABOVE THE HIGHEST INTAKE. (1) D & S UNIT PER CHUTE.
4. 2022 CBC - 119-404.3.5 HEIGHT: CONTROLS AND OPERATING MECHANISMS SHALL BE LOCATED NO HIGHER THAN 48 INCHES AND NO LOWER THAN 15 INCHES ABOVE THE FINISHED FLOOR MEASURED TO THE CENTER OF THE GRIP.
5. 2022 CBC - 119-309.4 OPERATION: CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS AND OPERATING MECHANISMS SHALL BE NO GREATER THAN 5 POUNDS.
6. SUPPLIED BY VENDOR - INSTALLED BY PLUMBER.

PLUMBING SCHEMATIC LEGEND:

1. ¾"Ø DOMESTIC HOT WATER INLET WITH VACUUM BREAKER. **(SUPPLIED/INSTALLED BY PLUMBING SUBCONTRACTOR).**
2. QUARTER-TURN GATE VALVE (SHUT-OFF AND BYPASS), (2) TOTAL. **(SUPPLIED/INSTALLED BY PLUMBING SUBCONTRACTOR).**
3. PLUMBING DESIGN, MATERIALS, AND INSTALLATION BY OTHERS. **(SUPPLIED/INSTALLED BY PLUMBING SUBCONTRACTOR).**
4. 24-VDC SOLENOID VALVE (OPTIONAL). NOT NEEDED FOR MANUAL OPERATION. **(NOT USED HERE).**
5. D & S UNIT: 1-GALLON CONTAINER, MOUNTING BRACKET, AND PROPORTIONAL VALVE AT REMOTE LOCATION. **(SUPPLIED/MOUNTED BY CHUTE SUBCONTRACTOR. PLUMBED BY PLUMBING SUBCONTRACTOR).**
6. FLUSHING SPRAY HEAD BELOW CHUTE VENT. **(SUPPLIED/MOUNTED BY CHUTE SUBCONTRACTOR. PLUMBED BY PLUMBING SUBCONTRACTOR).**
7. FIRE SPRINKLER INTERMEDIATE ½" IPS - 155°F, PENDANT GLASS BULB SPRINKLER. FIRE SPRINKLER AT HIGHEST INTAKE, LOWEST INTAKE, AND EVERY OTHER FLOOR BETWEEN. TO BE STARTED FROM HIGHEST INTAKE - CONNECTION BY OTHERS. **(SUPPLIED/MOUNTED BY CHUTE SUBCONTRACTOR. PLUMBED BY FIRE SPRINKLER SUBCONTRACTOR).**
8. SIDE-HINGED, UL RATED 90 MINUTE B-LABEL ACCESS DOOR. **(SUPPLIED BY CHUTE SUBCONTRACTOR. INSTALLED BY FRAMING SUBCONTRACTOR OR GC).**
9. SATIN CHROME PULL-HANDLE. **(SUPPLIED/INSTALLED BY CHUTE MANUFACTURER).**



*WHEN CALCULATING NUMBER OF FIRE SPRINKLER HEADS FOR EVERY OTHER FLOOR ALWAYS START WITH HIGHEST LEVEL



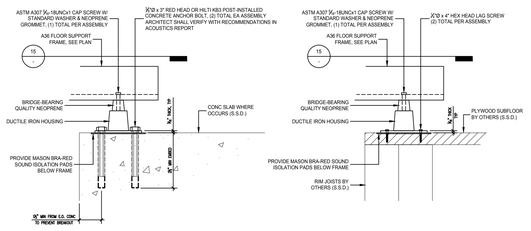
EXAMPLE BUILDING VERTICAL SECTION VIEW

7 DISINFECTING & SANITATION UNIT

AT HIGHEST INTAKE W/ FIRE SPRINKLERS

SCALE: ⅜" = 1'-0"

NOTES:
1. REFER TO MANUFACTURER SPECIFICATIONS FOR ALL OTHER INFORMATION NOT LISTED.
2. (4) MASON BRA-RED SOUND ISOLATION PAD ASSEMBLIES PER FLOOR SUPPORT FRAME.



TYPE I FLOOR
CONNECTION

TYPE III/V FLOOR
CONNECTION

9 FLOOR SUPPORT FRAME ANCHORING

TYPE I CONSTRUCTION

SCALE: 4½" = 1'-0"

NOTES:
1. 2022 CBC - 119-404.3.5 HEIGHT: CONTROLS AND OPERATING MECHANISMS SHALL BE LOCATED NO HIGHER THAN 48 INCHES AND NO LOWER THAN 15 INCHES ABOVE THE FINISHED FLOOR MEASURED TO THE CENTER OF THE GRIP.
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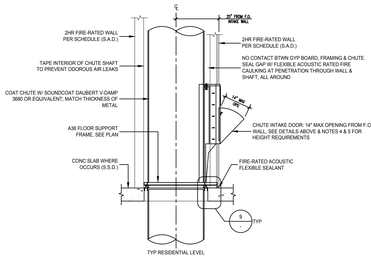

10 CHUTE SHAFT AT INTAKE

UPPER LEVELS

SCALE: ⅜" = 1'-0"

SOUND CONSULTANT TO VERIFY DETAILS AND UPDATE AS NECESSARY

REFER TO CHUTE VESTIBULE LAYOUTS ON SHEETS TR0.1 FOR ANY MISSING INFORMATION.

NOTES:
1. CHUTE INTAKE VESTIBULES SHALL BE 2HR FIRE-RATED WITH 2HR FIRE-RATED ACCESS DOORS. 5'-0" MIN CLEAR REQUIRED PER ADA STANDARDS - RESIDENTIAL ACCESS. POWER TO INTAKE DOORS SUPPLIED BY MCP. PROVIDE (1) 15x18 BOTTOM HINGED, ICD-2000, PNEUMATIC ASSIST CHUTE INTAKE DOOR FOR WASTE AND COMPOST AT EACH FLOOR. SEE DETAIL 2/-. PROVIDE (1) 15x18 BOTTOM HINGED, NORMALLY CLOSED LOW-VOLTAGE, ELECTRICALLY INTERLOCKED, AUTOMATIC OPENING DOOR FOR RECYCLING AT EACH FLOOR. SEE DETAIL 3/-.
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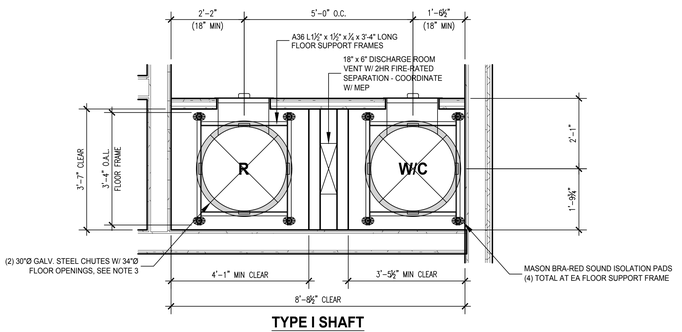
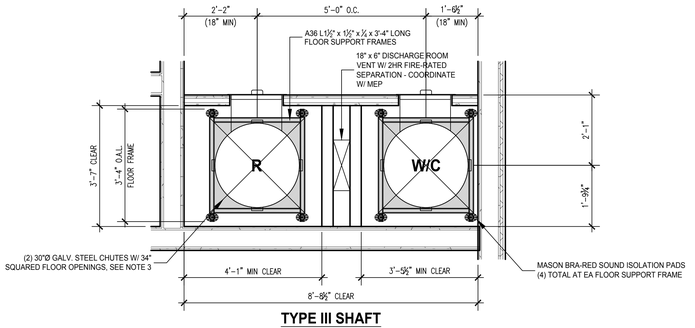
3. PROVIDE ROUND FLOOR OPENINGS AT CONCRETE FLOORS AND SQUARED FLOOR OPENINGS AT WOOD-FRAME CONSTRUCTION. SEE PLAN FOR DIAMETER OF OPENINGS. INSTALL FLOOR SUPPORT FRAME AT EACH FLOOR PENETRATION TO SECURE CHUTE. SEE DETAIL 9/- FOR ANCHORING. POUR RINGS WILL VARY BASED ON THICKNESS OF FLOOR SLAB - PROVIDED BY MANUFACTURER.
4. TYPE I FLOOR: TO PREVENT CONCRETE BREAK-OFF, VERIFY MINIMUM DISTANCE WITH STRUCTURAL ENGINEER.
5. ARCHITECT SHALL VERIFY ALL FLOOR SUPPORT FRAME ANCHORING CONNECTIONS WITH RECOMMENDATIONS IN ACOUSTICS REPORT.

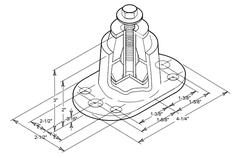


TYPE I SHAFT



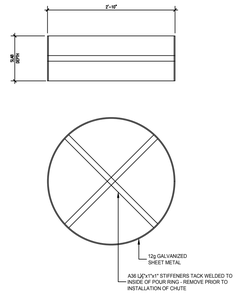
TYPE III SHAFT

NOTES:
1. ALL HARDWARE PLATED
2. REFER TO MANUFACTURERS SPECIFICATIONS FOR ALL OTHER INFORMATION NOT INCLUDED.



MASON BRA-RED MOUNT
ISOMETRIC VIEW

NOTES:
1. POUR RINGS WILL VARY BASED ON THICKNESS OF FLOOR SLAB.
2. SUPPLIED BY CHUTE MANUFACTURER - INSTALLED BY CONCRETE CONTRACTOR.

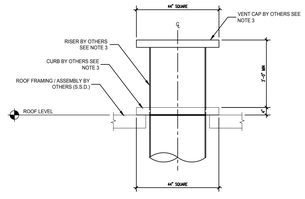


13 POUR RING

FABRICATION DETAILS

SCALE: ⅜" = 1'-0"

NOTES:
1. ATTACHMENT OF ALL BLOCKING, CURBS, AND OTHER ROOF COMPONENTS SHALL BE DESIGNED AND INSTALLED TO MEET THE MINIMUM REQUIREMENTS OF MANUFACTURER.
2. SEE ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS FOR ALL WORK BY OTHERS.
3. SUPPLIED BY VENDOR - INSTALLED BY ROOFER.



14 CHUTE VENT

AT ROOF LEVEL

SCALE: ⅜" = 1'-0"

NOTES:
1. CHUTE INTAKE VESTIBULES SHALL BE 2HR FIRE-RATED WITH 2HR FIRE-RATED ACCESS DOORS. 5'-0" MIN CLEAR REQUIRED PER ADA STANDARDS - RESIDENTIAL ACCESS. POWER TO INTAKE DOORS SUPPLIED BY MCP. PROVIDE (1) 15x18 BOTTOM HINGED, ICD-2000, PNEUMATIC ASSIST CHUTE INTAKE DOOR FOR WASTE AND COMPOST AT EACH FLOOR. SEE DETAIL 2/-. PROVIDE (1) 15x18 BOTTOM HINGED, NORMALLY CLOSED LOW-VOLTAGE, ELECTRICALLY INTERLOCKED, AUTOMATIC OPENING DOOR FOR RECYCLING AT EACH FLOOR. SEE DETAIL 3/-.
2. 2HR FIRE-RATED FACE WALL SHALL NOT BE ERECTED UNTIL CHUTES HAVE BEEN INSTALLED. FOR SOUND PROOFING PURPOSES, DOUBLE STUD-WALLS ARE REQUIRED ADJACENT TO OCCUPIED SPACES. INTERIOR OF SHAFT SHALL BE TAPED TO PREVENT ODOROUS AIR LEAKING INTO OCCUPIED SPACES.
3. PROVIDE ROUND FLOOR OPENINGS AT CONCRETE FLOORS AND SQUARED FLOOR OPENINGS AT WOOD-FRAME CONSTRUCTION. SEE PLAN FOR DIAMETER OF OPENINGS. INSTALL FLOOR SUPPORT FRAME AT EACH FLOOR PENETRATION TO SECURE CHUTE. SEE DETAIL 9/- FOR ANCHORING. POUR RINGS WILL VARY BASED ON THICKNESS OF FLOOR SLAB - PROVIDED BY MANUFACTURER.
4. TYPE I FLOOR: TO PREVENT CONCRETE BREAK-OFF, VERIFY MINIMUM DISTANCE WITH STRUCTURAL ENGINEER.
5. ARCHITECT SHALL VERIFY ALL FLOOR SUPPORT FRAME ANCHORING CONNECTIONS WITH RECOMMENDATIONS IN ACOUSTICS REPORT.

TYPE III SHAFT

15 CHUTE SHAFT DETAILS

PLAN VIEWS

SCALE: NTS

BDE ARCHITECTURE
934 Howard Street
San Francisco, CA
94103
P. (415) 677-0966

AMERICAN TRASH MANAGEMENT
AMERICAN TRASH MANAGEMENT
1900 POWELL STREET, SUITE 220
EMERYVILLE, CALIFORNIA 94608
P: 415.292.5400
F: 415.292.5410
consultingprojects@trashmanage.com

CLIENT:

ALTA HOUSING
HARVEST PROPERTIES
PROMETHEUS

PROJECT NAME & ADDRESS:

4TH & RAILROAD

4TH & RAILROAD
San Mateo, CA

ISSUE: Project Status
ISSUE DATE: Issue Date

REVISIONS :

Δ	DESCRIPTION	DATE
	PLANNING APPLICATION	02/01/2023
1	PLANNING APPLICATION RESUBMITTAL	10/10/2023
2	PLANNING APPLICATION RESUBMITTAL #2	01/29/2024

SCALE:
PROJECT NUMBER: 2126
DRAWN BY: BM
CHECKED BY: SB
STAMP:

STAMP
ALL DRAWINGS AND WRITTEN MATERIAL APPEARING HEREIN CONSTITUTE ORIGINAL AND UNPUBLISHED WORK OF THE ARCHITECT AND MAY NOT BE DUPLICATED, USED OR DISCLOSED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT.

SHEET NAME:
CHUTE DETAILS 30"Ø

SCALE: As Indicated SHEET SIZE: 30 x 42

SHEET NUMBER:
TR2.0

plot date :