DEVELOPER RED TAIL NEW DEVELOPMENT 2082 MICHELSON DR., 3RD FLOOR **IRVINE**, CA 92612

CONTACT: RON WU PHONE: (415) 757-8639 | (415) 249-6194 PHONE: (510) 465-7010 EMAIL: RWU@RTACQ.COM EMAIL: KMARKARIAN@PYATOK.COM

ARCHITECT

BKF ENGINEERS PYATOK ARCHITECTS 200 4TH ST., STE. 300 360 22ND ST., STE. 600 SANTA ROSA, CA 95401 OAKLAND, CA 94612 CONTACT: KEVIN MARKARIAN, AIA, NCARB CONTACT: ANDREW DeZURIK, P.E. PHONE: (707) 583-8528 EMAIL: ADEZURIK@BKF.COM

CIVIL ENGINEER

UNIT COUNT TOTAL UNITS

SUMMARY:

SITE AREA (GROSS)

AFFORDABLE STUDIO

AFFORDABLE 1 BR

AFFORDABLE 2 BR

TOTAL

TOTAL AFFORDABLE UNITS

UNIT TYPE

VANDERTOOLEN ASSOCIATES 700 YGNACIO VALLEY RD., STE. 100 WALNUT CREEK, CA 94596 **CONTACT: MARY CARDEN** PHONE: (925) 274-1305 EMAIL: MARY@VANDERTOOLEN.COM

LANDSCAPE ARCHITECT

SUMMARY

729

20540 BROADWAY, SONOMA

ENTITLEMENT SUBMITTAL

PROJECT DESCRIPTION

THE PROPOSED PRIVATELY-FUNDED MARKET-RATE DEVELOPMENT CONSISTS OF TEN (10) 3-STORY RESIDENTIAL WALK-UP BUILDINGS AND ONE (1) ASSOCIATED, SINGLE-STORY CLUBHOUSE BUILDING CONSISTING OF RESIDENT AMENITY SPACE ("CLUBROOM"), LEASING OFFICE, FITNESS ROOM, BIKE ROOM AND SERVICE SPACES, ALL WITH SLOPED ROOFS. ADDITIONALLY, TWO (2) TRASH ENCLOSURE STRUCTURES AND SIX (6) PAD-MOUNTED TRANSFORMERS, SHALL BE INCLUDED IN THE DEVELOPMENT. THE PROPOSED DEVELOPMENT WILL CONSIST PRIMARILY OF MARKET-RATE RESIDENTIAL UNITS WITH SIX (6) AFFORDABLE HOUSING UNITS BEING INCLUDED IN THE PROJECT.

SITE FEATURES INCLUDE VEHICULAR AND BICYCLE PARKING, DRIVE LANES, LANDSCAPING AND PLANTING AREAS INCLUDING BIO-RETENTION AREAS, RESIDENT COMMON OUTDOOR AMENITY AREAS, LIGHTED PATHWAYS, AND POOL DECK WITH POOL AND SPA. THE PROPOSED DEVELOPMENT'S DRIVE LANES ARE ACCESSED BY HIGHWAY 12 / BROADWAY WITH TWO (2) CURB-CUTS AND ADDITIONAL SECONDARY FIRE AUTHORITY / EVA ACCESS IS PROVIDED THROUGH ADJACENT PROPERTY TO THE NORTH, THE COGIR SENIOR LIVING COMMUNITY, VIA **EVA EASEMENT**

PERSPECTIVE VIEW



DEVELOPMENT STANDARDS (SEE FULL ZONING CODE SUMMARY ON G0.01)

APN / LOT NUMBER: LOT SIZE / SITE AREA: **ZONING CLASSIFICATION:**

LOT COVERAGE:

128-321-007 5.0 ACRES **GATEWAY COMMERCIAL**

SEE G0.01

THIS PROJECT IS PRIVATELY FUNDED, COMPRISING OF A 1-STORY CLUBHOUSE

SERVED. ALL GROUND FLOOR RESIDENTIAL DWELLING UNITS SHALL COMPLY

WITH CBC CHAPTER 11-A HOUSING ACCESSIBILITY ADAPTABLE PROVISIONS. ALI UPPER FLOOR UNITS ARE NON-ELEVATOR SERVED AND ARE THEREFORE NOT

BUILDING AND (10) 3-STORY RESIDENTIAL WALK-UP BUILDINGS WHICH ARE STAIR

MAX. HEIGHT: 36 FT. (SEE G0.01 FOR MORE INFORMATION)

SETBACKS: 30 FT. FRONT / 10 FT. SIDE (N) / 20 FT. SIDE (S.) / 20 FT. REAR **UNIT MIX: EASEMENTS**: STORM DRAIN, SEWER AND E.V.A. EASEMENTS (SEE CIVIL DWGS.)

SEE G0.01 AND TABLE AT RIGHT OPEN SPACE CALCULATIONS:

DENSITY CALCULATIONS:

120 UNITS / 5 ACRES = 24 D.U./ACRE

PARKING CALCULATIONS: SEE G0.01 AND TABLE AT RIGHT

PROJECT DATA AND BUILDING CODE SUMMARY

CONSTRUCTION TYPE(S): TYPE V-B

120 UNITS

5.0 AC

24 DU/AC

RATIO

1.5

1.25

OCCUPANCY GROUP(S): R2 (RESIDENTIAL BUILDINGS), B (CLUBHOUSE BUILDING)

ALLOWABLE HEIGHT BY BUILDING CODE (PER TABLE 504.3) = 60' ALLOWABLE NUMBER OF STORIES BY BUILDING CODE (PER TABLE 504.4) = 3

PROPOSED HEIGHT = 36' TO TOP OF RIDGE (AT RES. BUILDINGS) PROPOSED NUMBER OF STORIES = 3 (AT RES. BUILDINGS)

BUILDING AREA TOTAL:	
OVERALL BUILDING	AREA
PROGRAM	FLOOR AREA (GSF)
RESIDENTIAL (DWELLING UNITS)	95,043 SF
RESIDENTIAL (EXTERIOR STAIRS)	8,367 SF
AMENITY (CLUBHOUSE)	4,458 SF
EXTERIOR TRASH ENCLOSURES	864 SF
TOTAL	100 700 05

TOTAL	108,732 SF
OPEN S	PACE AREAS
PROGRAM	FLOOR AREA
OPEN SPACE - COMMON	31,376 SF

BUILDING AREA BY BUILDING:

AREAS BY BUILDING					
BUILDING	FLOOR AREA (GSF)				
BUILDING 1	4,458 SF				
BUILDING 2	10,460 SF				
BUILDING 3	9,959 SF				
BUILDING 4	10,462 SF				
BUILDING 5	9,959 SF				
BUILDING 6	10,456 SF				
BUILDING 7	10,453 SF				
BUILDING 8	10,449 SF				
BUILDING 9	10,374 SF				
BUILDING 10	10,463 SF				
BUILDING 11	10,374 SF				
TOTAL	107,868 SF				

SHEET INDEX

Sheet Number	Sheet Name
GENERAL	
G0.00	TITLE SHEET
G0.01	ZONING & PLANNING CODE SUMMARY
G0.02	SITE PHOTOS
G1.00	3D VIEW - OVERALL AERIAL
G1.01	RENDERED PERSPECTIVE VIEWS
G1.02	3D MODEL PERSPECTIVE VIEWS
CIVIL	
C1	CIVIL COVER SHEET
C2	DEMOLITION PLAN
C3	DEMOLITION PLAN
C4	SITE IMPROVEMENT PLAN

LANDSCAPE

L.1	OVERALL SITE PLAN
L.2	PLANT IMAGERY
L.3	SITE IMAGERY
L.4	SITE IMAGERY
L.5	HYDROZONE PLAN

SITE IMPROVEMENT PLAN

ARCHITECTURE

ïL
ANS, SECTIONS AND ELEVATIONS
BHOUSE PLAN
BHOUSE ROOF PLAN
DING 2 PLAN (ALL EXCEPT BUILDING
DING TYPE 3 PLAN (BUILDING 5 SIM.
BOARD
NS
S (ALL EXCEPT BUILDING 1, 3 AND 5
S (BUILDING 5 SIM.)
LUBHOUSE

BUILDING SECTIONS - BUILDING 2 (ALL EXCEPT 1, 3 AND 5)

BUILDING SECTIONS - BUILDING 3 (BUILDING 5. SIM.)

TOTAL SHEETS: 33

UNIT PLANS

ADWAY O BA

360 22ND ST.

OAKLAND, CA 94612

Red Tail New Development

Irvine, CA 92612

2082 Michelson Dr., 3rd Floor

T. 510.465.7010

www.pyatok.com

SUITE 600

20

STAMP:

REVISION SCHEDULE NO. ISSUE

REQUIRED TO COMPLY CBC CHAPTER 11-A.

ACCESSIBILITY SUMMARY

GRAPHIC SYMBOLS GRID NUMBER REVISION NUMBER 101 / LETTER OCCUPANCY GRID LINE OCCUPANCY TYPE **ROOM NUMBER** WINDOW, STOREFRONT, OR LOUVER TYPE ROOM NAME ROOM -CONCRETE GRID ROOM AREA NUMBER/LETTER DOOR OR GATE INTERIOR ELEVATION DETAIL CR190A-B NUMBER NUMBER AND SHEET GRID LINE CARD READER SECTION NUMBER DOOR OR GATE TYPE PROJECT NORTH SHEET NUMBER OCCUPANCY GROUP TRUE NORTH **ELEVATION NUMBER** SECTION DETAIL NUMBER SHEET NUMBER WALL / FLOOR A10.00 🛰 NUMBER SHEET NUMBER SHEET NUMBER STOREFRONT CALLOUT DETAIL NUMBER NUMBER # <(A10.0)># **ELEVATION NUMBER**

SHEET NUMBER

VICINITY MAP

OPEN SPACE - PRIVATE



14,769 SF

46,144 SF

JURISDICTION PROJECT APPROVALS

JOB NUMBER: DRAWN BY: SR, KWS KM, KWS CHECKED BY ISSUE DATE: 5/14/2025 SCALE: 12" = 1'-0"

TITLE SHEET

G0.00

PRELIMINARY - Not for Construction -

ZONING CATEGORY	REFERENCE	CONTROLS	PROPOSED	CONCESSION / WAIVER / EXCEPTION
DEVELOPMENT STANDARDS				
DENSITY	§ 19.10.020	COMMERCIAL GATEWAY ZONING BASE DENSITY = 20 DU/AC BASE NUMBER OF UNITS = 100 DU/ 5 ACRE	PROPOSED DENSITY = 24 DU/AC PROPOSED NUMBER OF UNITS = 120 DU/ 5 ACRE	20% DENSITY BONUS APPLIED
FLOOR AREA RATIO	§ 19.30.020	MAX FAR = 0.80	TOTAL QUALIFIED FLOOR AREA= 107,879 TOTAL SITE AREA= 216,813 SQFT PROPOSED FAR = 0.49	COMPLIES
SITE COVERAGE	§ 19.30.020	MAX SITE COVERAGE = 40% X (5 ACRES) MAX SITE COVERAGE = 86,400 SQFT	PROPOSED SITE COVERAGE = 39,796 SQFT	COMPLIES
MAX. BUILDING HEIGHT	§ 19.30.020	MAX HEIGHT (CORE PROPERTIES) = 35' EXCEPTION: FOR MULTIFAMILY DEVELOPMENTS WITH A THIRD-FLOOR RESIDENTIAL UNITS IN GATEWAY-COMMERCIAL, MAX. HEIGHT = 36'	PROPOSED CLUBHOUSE BUILDING HEIGHT = 21' PROPOSED RESIDENTIAL BUILDING HEIGHT = 36'	COMPLIES
SETBACKS				
MIN. FRONT/STREET SETBACK	§ 19.30.020	BROADWAY STREET = 30 FT	STREET SETBACK PROVIDED = 30 FT	COMPLIES
MIN. SIDE SETBACK	§ 19.30.020	NONE REQUIRED WHEN ABUTTING SPHERE OF INFLUENCE = 20 FT	NORTH SIDE SETBACK = 10' SOUTH SIDE SETBACK (ABUTTING SPHERE OF INFLUENCE) = 20'	COMPLIES
MIN REAR SETBACK	§ 19.30.020	NONE REQUIRED WHEN ABUTTING SPHERE OF INFLUENCE = 20 FT	REAR SETBACK (ABUTTING SPHERE OF INFLUENCE) = 20'	COMPLIES
TOTAL				
OPEN SPACE REQUIREMENTS	§ 19.30.020	300 SQ FT PER UNIT (COMBINATION OF SHARED AND PRIVATE) REQUIRED TOTAL OPEN SPACE= 36000 SQFT MIN. PRIVATE OPEN SPACE REQUIREMENTS: STUDIO/ONE BEDROOM = 75 SQFT	COMMON OPEN SPACE PROVIDED= 31,376 SF PRIVATE OPEN SPACE PROVIDED = 14,769 SF TOTAL OPEN SPACE PROVIDED = 46,144 SF	COMPLIES
LANDSCAPING FOR PARKING FACILITIES	§ 19.48.090	PARKING FACILITIES WITH MORE THAN 7 SPOTS = 12% OF FACILITY TO BE LANDSCAPED		TO BE CONFIRMED
DESIGN STANDARDS		UPPER-FLOOR BALCONIES SHALL NOT BE LOCATED ALONG		
UPPER FLOOR BALCONIES MULTIFAMILY BUILDING	§ 19.43.020	SIDE WALLS WITHIN 10' OF THE PROPERTY LINE NO SINGLE BUILDING SHALL EXCEED 10 PERCENT OF THE	UPPER FLOOR BALCONIES SETBACK = MIN 10 FT. MAX. SINGLE BUILDING AREA = 21,600 SQFT	COMPLIES
MASSING	§ 19.43.020	TOTAL SITE AREA FOR PROJECT SITE OR 8,000 SQUARE FEET, WHICHEVER IS LARGER. BLANK WALLS (WALLS WITHOUT WINDOWS, RECESSED	PROPOSED MAX SINGLE BUILDING AREA = 10,355 SQFT	COMPLIES
WALL MODULATION	§ 19.43.020	ENTRYWAY OR PORCH, OR ARTICULATION) SHALL NOT EXCEED 20 FEET IN LENGTH. WALLS THAT ARE NOT VISIBLE FROM PUBLIC STREETS AND NEIGHBORING RESIDENCES ARE EXCLUDED FROM THIS REQUIREMENT.		COMPLIES
ENCLOSURE REQUIREMENT	§ 19.43.020	ENCLOSURES MUST NOT BE SETBACK AREA AND MUST BE AT LEAST 20' FROM ADJACENT RESIDENCES		COMPLIES
PARKING AND LOADING		STUDIO & ONE BED - 1 SPACE		
REQUIRED PARKING SPACES	§ 19.43.020	2 OR MORE - 1.5 SPACES	REQUIRED PARKING = 150 SPACES PROVIDED =- 193 SPACES	COMPLIES
PARKING SETBACK	§ 19.43.020	UNCOVERED PARKING SPACES SHALL BE SETBACK FROM ANY STREET A MIN OF 5'. SETBACK AREA SHOULD BE LANDSCAPED UPTO 36" HIGH	PARKING SPOTS SETBACK = 30'	COMPLIES
COMPACT PARKING SPOTS	§ 19.43.020	MAXIMUM OF 30% OF SPOTS MAY BE COMPACT SPOTS	MAXIMUM COMPACT SPACES = 54 SPACES	COMPLIES
TWO WAY ACCESS DRIVE WIDTH	§ 19.43.020	AISLE WIDTH WITH 90 DEGREE PARKING = 24'	24' W	COMPLIES
PARKING SHADING	§ 19.43.020	PARKING LOTS SHALL INCLUDE TREE PLANTINGS DESIGNED TO RESULT IN 50 PERCENT SHADING OF PARKING LOT SURFACE AREAS WITHIN 15 YEARS		TO BE CONFIRMED
BICYCLE PARKING	§ 19.48.110	LONG TERM BICYCLE PARKING = 0.5 SPACES/BEDROOM SHORT TERM BICYCLE PARKING = 0.05 SPACES/BEDROOM	LONG TERM BICYCLE PARKING = 90 SPACES SHORT TERM BICYCLE PARKING = 9 SPACES	COMPLIES
MISC. STANDARDS				
INCLUSIONARY HOUSING REQUIREMENTS	§ 17.30.030	THE INCLUSIONARY HOUSING REQUIREMENT WILL NOT APPLY FOR NEW DWELLING UNITS LESS THAN 850 SQFT	2BR = 849 SQFT 1BR = 712 SQFT STUDIO = 625 SQFT	COMPLIES

				OPEN SPACE AR	REAS
				PROGRAM	FLOOR AREA
				OPEN SPACE - COMMON OPEN SPACE - PRIVATE TOTAL	31,376 SF 14,769 SF 46,144 SF
				OPEN SPACE TYPE L	EGEND
PRIVATE PATIOS AND — BALCONIES FOR EACH DWELLING UNIT (75-150 SF) AT ALL FLOORS, TYP.		COMMON OF SPACE	PEN COMMON OP SPACE	OPEN SPACE OPEN SPACE	
					
	— COMMON OPEN SPACE	PRIVATE PATIOS AND BALCONIES FOR EACH DWELLING UNIT (75-150 SF) AT ALL FLOORS, TYP.	COMMON OPEN SPACE	COMMON OPEN SPA	CE



20540 BROADWAY SONOMA, CA 95476

STAMP:

REVISION SCHEDULE DATE NO. ISSUE

JOB NUMBER: DRAWN BY: CHECKED BY: ISSUE DATE:

SR, KWS KM, KWS 5/14/2025

2420

SCALE: 1" = 60'-0"

TITLE: ZONING & PLANNING CODE SUMMARY

OPEN SPACE DIAGRAM

1" = 60'-0"

1

PRELIMINARY - Not for Construction -



COGIR ASSISTED LIVING - 91 NAPA RD. **6**



VIEW FROM 20511 BROADWAY **5**



20535 BROADWAY







VIEW KEY



2082 Michelson Dr., 3rd Floor Irvine, CA 92612

20540 BROADWAY SONOMA, CA 95476

REVISION SCHEDULE NO. ISSUE

JOB NUMBER: DRAWN BY: CHECKED BY: ISSUE DATE:

SITE PHOTOS

G0.02

SR, KWS

KM, KWS

5/14/2025

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STAMP:

REVISION SCHEDULE
NO. | ISSUE | DATE

JOB NUMBER: DRAWN BY: CHECKED BY: ISSUE DATE:

Author Checker 5/14/2025

SCALE: FITLE:

3D VIEW - OVERALL AERIAL

SHEE

G1.00

PRELIMINARY - Not for Construction -

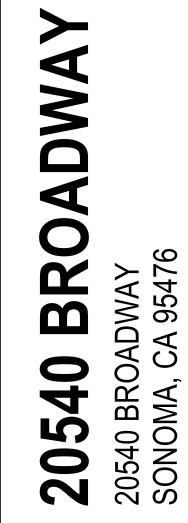


VIEW FROM OPEN SPACE 6



VIEW FROM CHILDRENS PLAY AREA (5)

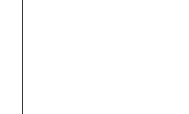




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RENDERED PERSPECTIVE VIEWS

G1.01

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© 2025 PYATOK ARCHITECTURE & URBAN DESIGN



VIEW OF RESIDENTIAL BUILDINGS 4



VIEW OF BUILDING 3 AT VEHICULAR ENTRY (3)



VIEW OF POOL DECK (2)



VIEW FROM BROADWAY 1

KEY PLAN





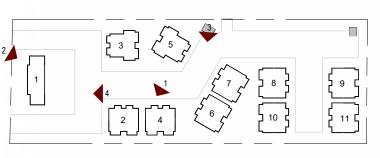
CLUBHOUSE - 3D VIEW 2 4

RESIDENTIAL BUILDINGS - 3D VIEW 3





KEY PLAN



CLUBHOUSE - 3D VIEW 2

BUILDING 2 - 3D VIEW (1)

360 22ND ST.
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R E D
T A D
RESIDENTIAL
Red Tail New Development

Red Tail New Development
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Irvine, CA 92612

20540 BROADWAY SONOMA, CA 95476

STAN

REVISION SCHEDULE
NO. ISSUE DATE

JOB NUMBER:
DRAWN BY:
CHECKED BY:
ISSUE DATE:

DATE: 5/14/2025

E:

3D MODEL PERSPECTIVE VIEWS

SHEET:

G1.02

PRELIMINARY - Not for Construction -

7.00.0

REVIEWING AGENCY.

WATER SUPPLY

SEWAGE DISPOSAL

PRESENT ZONING

PROPOSED ZONING

SEVERITY ZONE.

GRADING NOTES

DEVELOPMENT.

THIS SITE.

STANDARDS.

UTILITY NOTES

CURB DETAIL

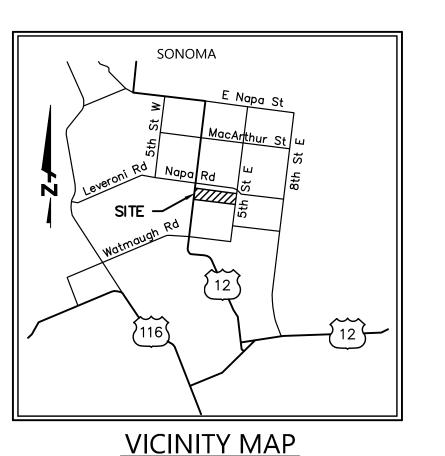
AGGREGATE BASE -

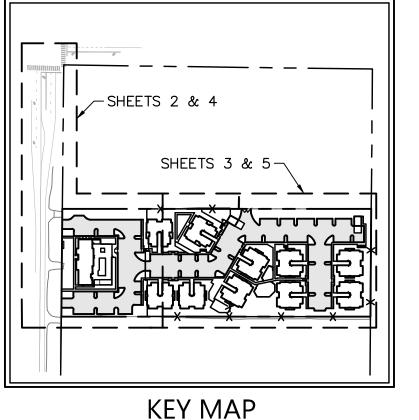
ASPHALT CONCRETE -

BROADWAY APARTMENTS

IN THE CITY OF SONOMA 20540 BROADWAY

APN 128-321-007 MAY 2025



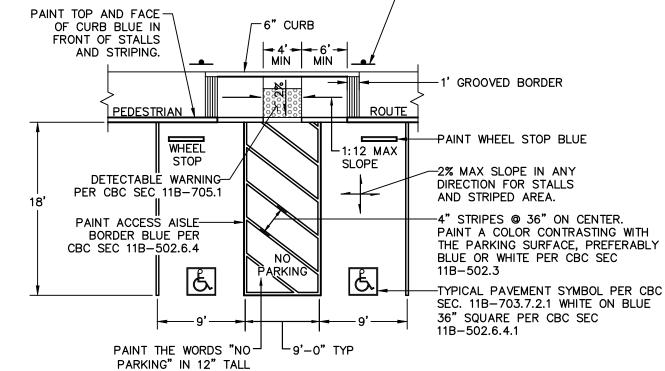


INDEX OF DRAWINGS

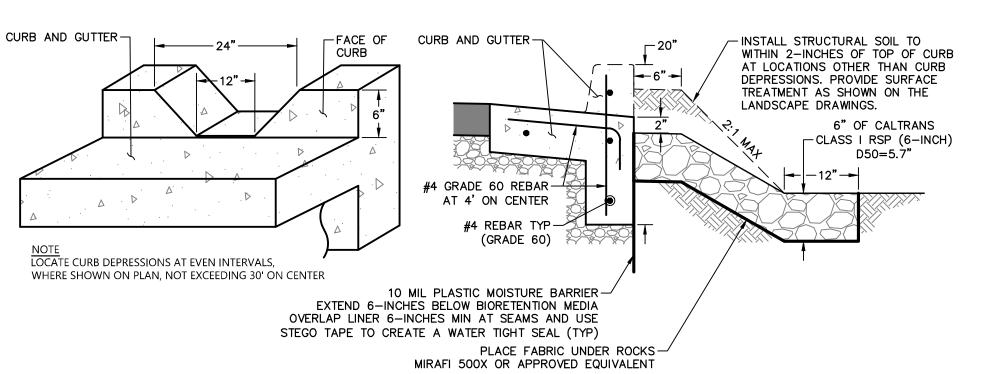
- 1. PROJECT INFORMATION
- 2. DEMOLITION PLAN
- 3. DEMOLITION PLAN
- 4. SITE IMPROVEMENT PLAN
- 5. SITE IMPROVEMENT PLAN

<u>NOTES</u>
INSTALL SIGN NO LESS THAN 17" WIDE BY 22" HIGH POSTED EITHER 1) IN A CONSPICUOUS PLACE AT EACH ENTRANCE TO AN OFF-STREET PARKING FACILITY OR 2) IMMEDIATELY ADJACENT TO ONSITE ACCESSIBLE PARKING AND VISIBLE FROM EACH PARKING SPACE WHICH READS "UNAUTHORIZED VEHICLES PARKED IN DESIGNATED ACCESSIBLE SPACES NOT DISPLAYING DISTINGUISHING PLACARDS OR SPECIAL LICENSE PLATES ISSUED FOR PERSONS WITH DISABILITIES WILL BE TOWED AWAY AT THE OWNERS EXPENSE. TOWED VEHICLES MAY BE RECLAIMED AT: _____ OR BY TELEPHONING _____." (BLANK SPACES SHALL BE FILLED IN WITH APPROPRIATE INFORMATION AS A PERMANENT PART OF THE SIGN.)

70 SQ. IN. DARK BLUE REFLECTIVE PORCELAIN, ENAMEL STEEL SIGN WITH WHITE INTERNATIONAL SYMBOL OF ACCESSIBILITY MOUNTED 80" OFF F.G. ON 1.5" Ø STEEL POST. PROVIDE AN ADDITIONAL SIGN OR ADDITIONAL LANGUAGE BELOW THE SYMBOL OF ACCESSIBILITY WHICH READS "MINIMUM FINE \$250." VAN SPACE SHALL HAVE AN ADDITIONAL "VAN ACCESSIBLE" SIGN MOUNTED BELOW THE SYMBOL OF ACCESSIBILITY PER CBC SEC 11B-502.6. -







PRIVATE CURB DEPRESSION DETAIL

STREET TREES WILL BE PROVIDED IN ACCORDANCE WITH THE MUNICIPALITY

PROVISIONS FOR EROSION CONTROL WILL BE INCORPORATED INTO THIS PROJECT.

THE PROPOSED DEVELOPMENT WILL BE IN CONFORMANCE WITH THE CITY OF

SONOMA ZONING CODE, GENERAL PLAN AND DESIGN & CONSTRUCTION STANDARDS

OR AS MODIFIED BY THESE ENTITLEMENT DRAWINGS AND AS APPROVED BY THE

CITY OF SONOMA WATER DISTRICT

THIS SUBDIVISION IS NOT WITHIN AN AREA DESIGNATED AS A HIGH FIRE

SOILS ON THIS SITE ARE NOT ANTICIPATED TO PROHIBIT THIS TYPE OF

THE ENGINEER AND DEVELOPER ARE NOT AWARE OF HAZARDOUS MATERIALS ON

FEMA FLOOD MAPS REVEAL THAT THE SITE IS NOT SUBJECT TO INUNDATION.

AR B7, RC100/25 SR VOH

XXXXXXX

SONOMA VALLEY COUNTY SANITATION DISTRICT

EXISTING SEWER AND WATER SERVICES WHICH WILL NOT BE USED WITH THESE SUBDIVISION IMPROVEMENTS WILL BE ABANDONED AT THE MAIN IN ACCORDANCE WITH THE CITY OF SONOMA DESIGN AND CONSTRUCTION STANDARDS.

EXISTING SEPTIC SYSTEMS WILL BE ABANDONED IN ACCORDANCE WITH PERMITS FROM THE CITY BUILDING DEPARTMENT AND THE SONOMA COUNTY PERMIT AND RESOURCE MANAGEMENT DEPARTMENT

EXISTING WELLS WILL BE ABANDONED (UNLESS OTHERWISE NOTED ON THESE DRAWINGS) IN ACCORDANCE WITH CITY WELL ORDINANCE AS ADMINISTERED BY THE CITY BUILDING OFFICIAL.

ELECTRICAL SERVICE FOR THIS SUBDIVISION WILL BE UNDERGROUND.

GENERAL MAP INFORMATION

PAGES 10-11, SONOMA COUNTY RECORDS.

TOPOGRAPHIC INFORMATION SHOWN HEREON WAS MAPPED BY BKF ENGINEERS ON DECEMBER 9,10 & 11, 2024.

DISTANCES AND ELEVATIONS ARE SHOWN IN FEET AND DECIMALS THEREOF.

BENCHMARK: POINT #2, SCRIBED "X", LOCATION SHOWN HEREON. ELEVATION 52.45' (DATUM - NAVD 88)

BASIS OF BEARINGS: PARCEL MAP MNS 90-839. FILED IN BOOK OF MAPS.

ABBREVIATIONS MORE OR LESS MAX MAXIMUM MAILBOX DELTA AΒ AGGREGATE BASE MANHOLE MIN MINIMUM ASPHALT CONCRETE MON MONUMENT APN ASSESSOR'S PARCEL NUMBER BEGIN CURVE NO NUMBER NTS NOT TO SCALE BEGIN CURB TRANSITION BACKFLOW PREVENTER OVH OVERHEAD UTILITY LINE BLDG BUILDING OFFICIAL RECORDS PAD PAD GRADE BLRD BOLLARD PCC PORTLAND CEMENT CONCRETE BM BENCHMARK PG&E PACIFIC GAS & ELECTRIC BLOWOFF PIV POST INDICATOR VALVE BUILDING SETBACK LINE CATCH BASIN PROPERTY LINE POINT OF COMPOUND CURVE PROJECTED TOP OF CURB CENTERLINE PUBLIC UTILITY EASEMENT CL2 POINT OF VERTICAL INTERSECTION CLASS II CO CLEAN OUT PRIVATE RADIUS CONC CONCRETE CUBIC YARD POINT OF REVERSE CURVE RSPR RIPRAP ROCK SLOPE PROTECTION DDC DOUBLE DETECTOR CHECK DROP INLET RTWL RETAINING WALI DIAMETER R/W RIGHT OF WAY DOCUMENT NUMBER SLOPE RAINWATER DOWN SPOUT SD STORM DRAIN DRIVEWAY SDCO STORM DRAIN CLEAN OUT SDMH STORM DRAIN MANHOLE DYL DOUBLE YELLOW LINE SQUARE FEET ELECTRIC ECT END CURB TRANSITION STREETLIGHT EXISTING GROUND SIDE OPENING ELEV ELEVATION SANITARY SEWER EDGE OF PAVEMENT SSCO SANITARY SEWER CLEAN OUT EDGE OF ROAD SSMH SANITARY SEWER MANHOLE ESMT EASEMENT STA STATION STD STANDARD EXISTING FIRE DEPARTMENT CONNECTION TOP OF BOX FINISHED FLOOR TOP FACE OF CURB FINISHED GRADE TELECOMMUNICATION LINE FIRE HYDRANT TRANSFORMER SURFACE FLOWLINE TOP OF GRATE TRAFFIC SIGNAL TELEVISION GB GRADE BREAK TOP OF WALL

LIGHT POLE STREET SIGN TRAFFIC SIGNAL <u>~</u>; STREET LIGHT **UTILITY POLE GUY ANCHOR CATCH BASIN** TREE TREE CLUSTER TREE TO BE REMOVED PROPERTY LINE **BUILDING SETBACK** TREE PROTECTION FENCE SIZE" SS-LENGTH' SANITARY SEWER OVERHEAD UTILITY LINE UNDERGROUND UTILITY LINE —— UNDERGROUND ELECTRIC LINE ———— G———— UNDERGROUND GAS LINE ——— TEL ——— UNDERGROUND TELECOM LINE

SYMBOLS & LEGEND

 \mathbb{Z}

ASPHALT ASPHALT GRIND & OVERLAY CONCRETE VALLEY GUTTER BIORETENTION AREA

INVERT AT CLEANOUT KEYNOTE DETAIL IDENTIFICATION SHEET WHERE DETAIL IS SHOWN

BENCHMARK

CENTERLINE MONUMENT

POST INDICATOR VALVE

BACKFLOW PREVENTION DEVICE

FIRE DEPARTMENT CONNECTION

IRON PIPE

BLOW OFF VALVE

CHECK VALVE

FIRE HYDRANT

REDUCER

RISER

CROSS SECTION IDENTIFICATION SHEET WHERE CROSS SECTION IS SHOWN

YD YARD DRAIN COPYRIGHT © 2025 BKF ENGINEERS

TYP

VLT

TYPICAL

VERTICAL

VAULT

WATER

WHITE LINE

WATER METER

WATER SERVICE

UTILITY BOX

UTILITY POLE

VERTICAL CURVE

UNDERGROUND UTILITY LINE

GRATE INLET

GAS METER

HOSE BIB

HDRL HANDRAIL

HORZ HORIZONTAL

HEIGHT

LIGHT POLE

BOTTOM INSIDE OF PIPE IRON PIPE **IRRIGATION** LENGTH

GI

GM

HB

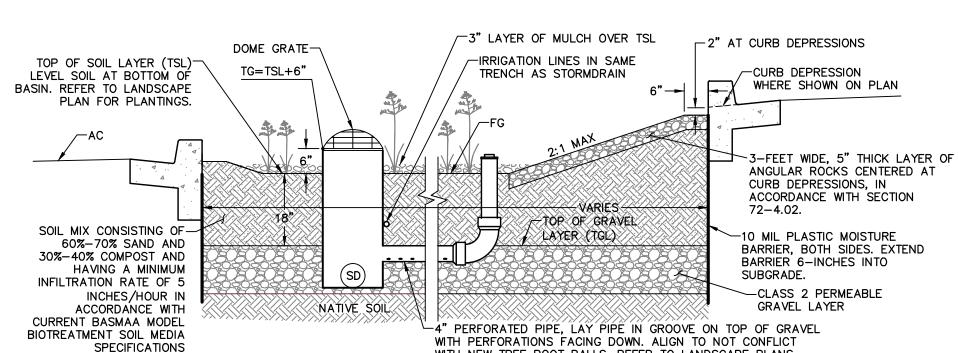
CIVIL ENGINEER: PH: (707) 583-8500

FAX: (707) 583-8539 ARCHITECT

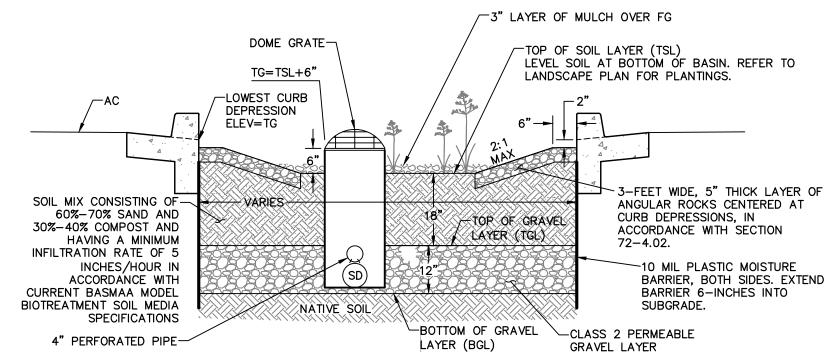
PH: (510) 465-7010 FAX: (510) 465-8575

PRELIMINARY PAVEMENT DESIGN ALTERNATIVES Pavement Components OTAL THICKNESS LASS 2 AGGREGATE BASE

SUBGRADE R-VALUE = 5 LOCATION ASPHALT CONCRETE (INCHES) PARKING AREAS 2.5 9.0 115 RIVE ISLES 3.0 10.0 13.0 PEDESTRIAN WALKWAYS 4.0 4.0 8.0

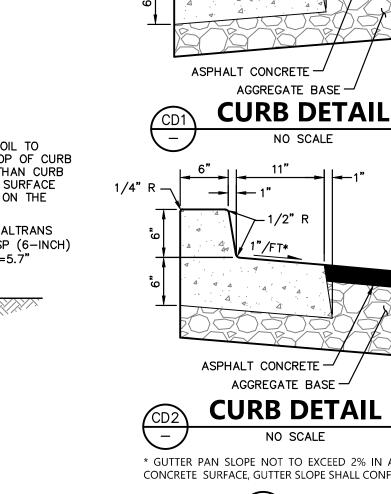


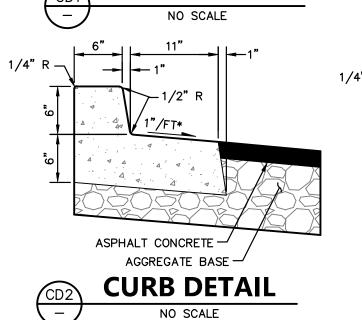
TYPICAL NORTH-SOUTH SECTION



TYPICAL EAST-WEST SECTION





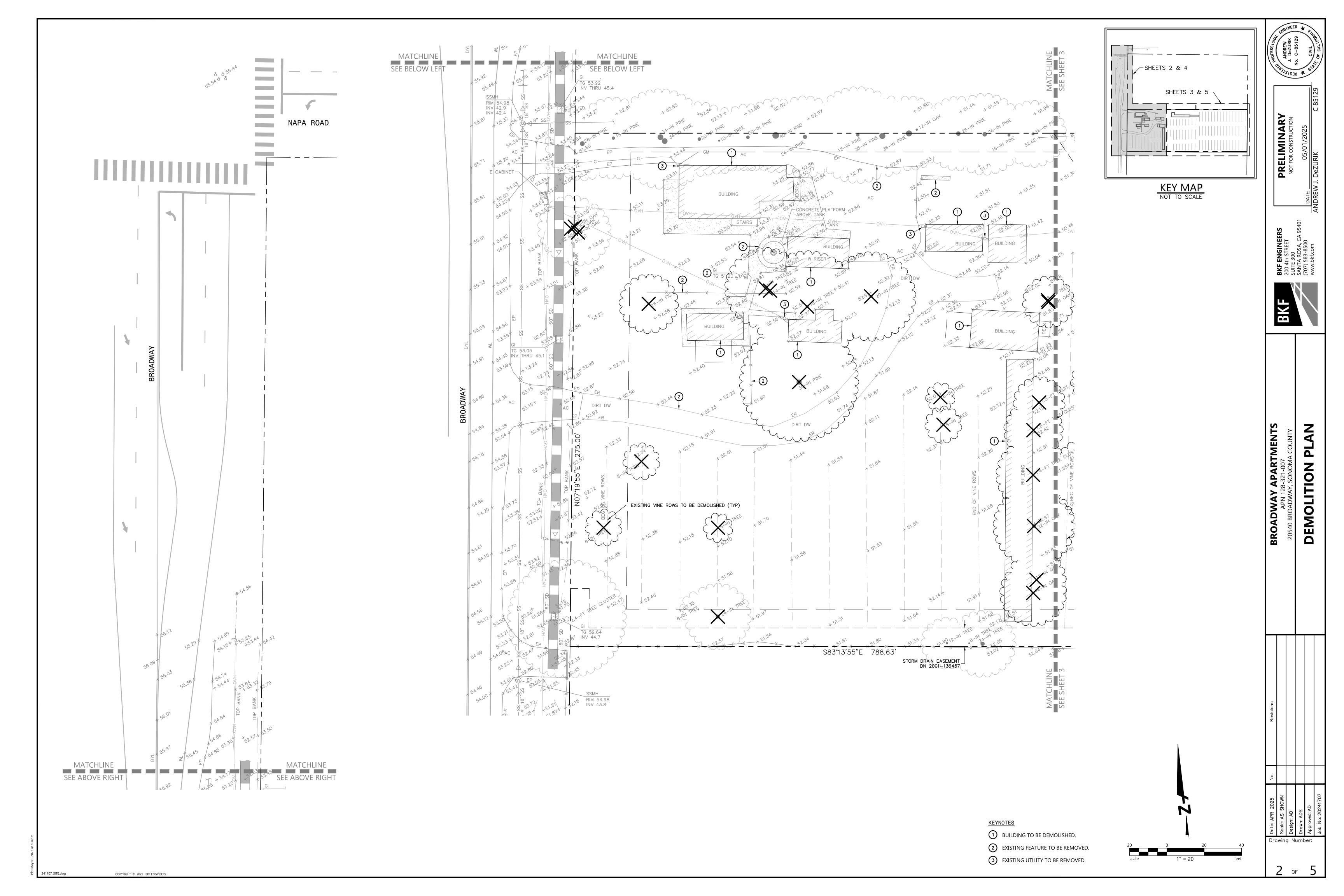


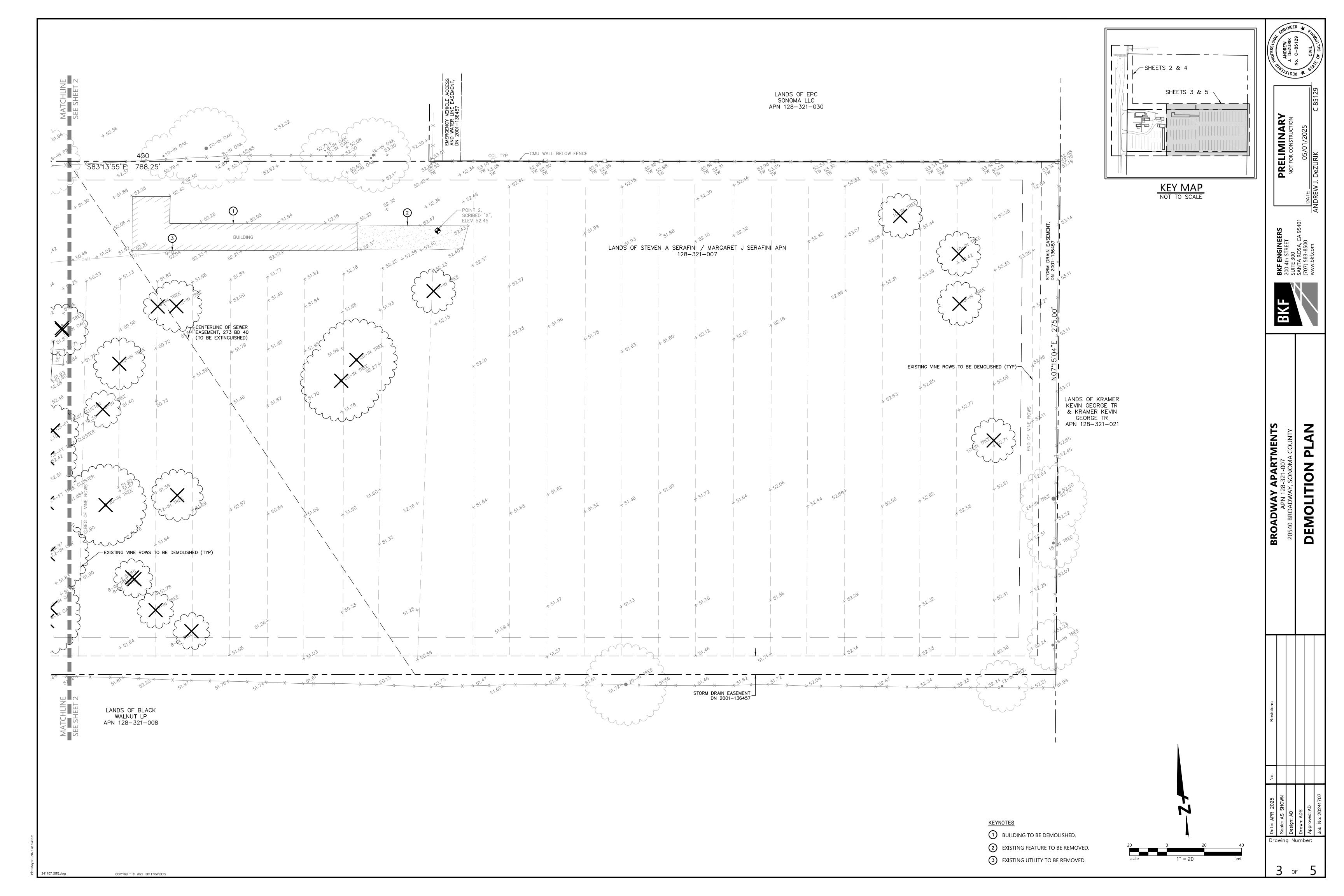
AGGREGATE BASE -**CURB DETAIL**

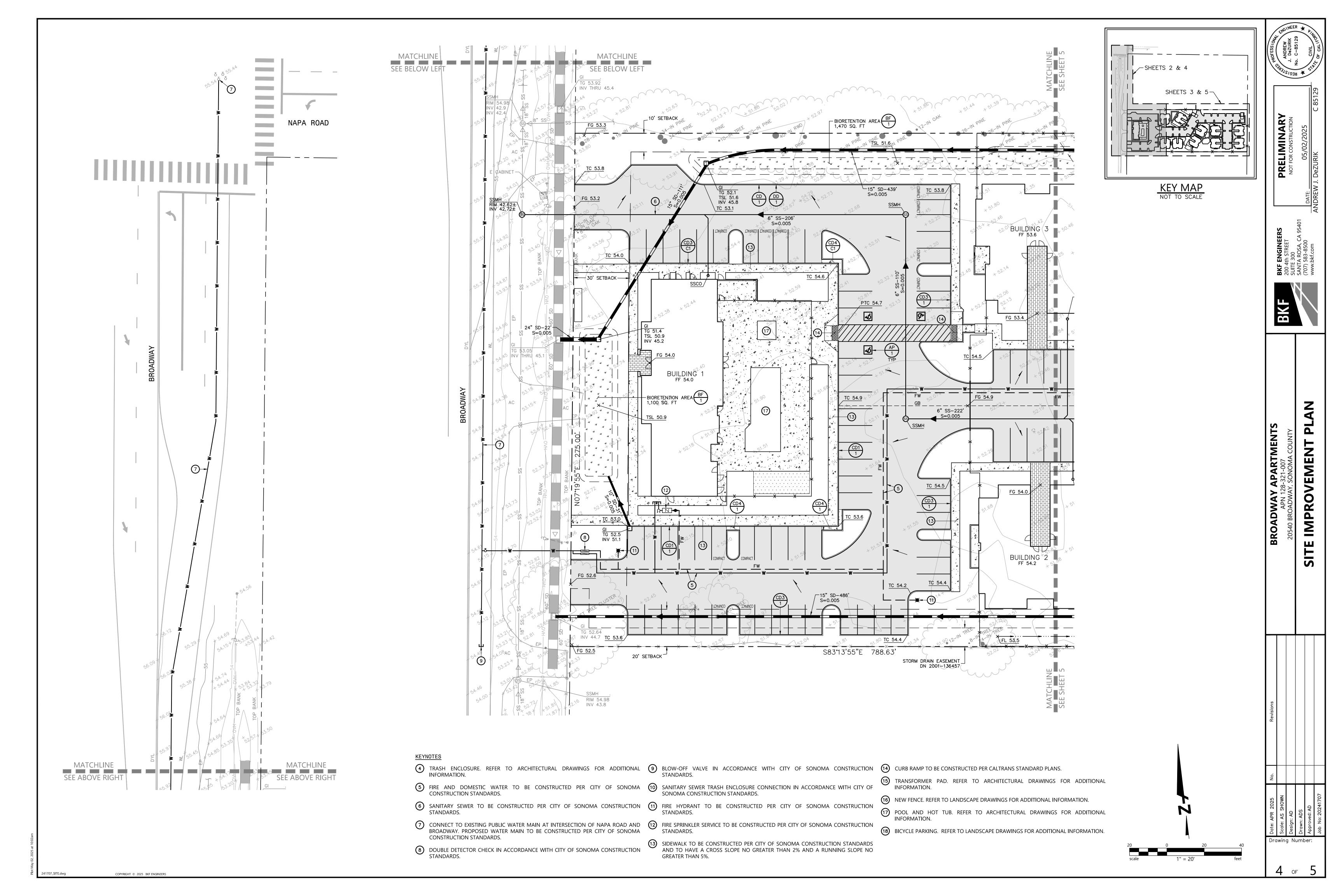
* GUTTER PAN SLOPE NOT TO EXCEED 2% IN ACCESSIBLE AREAS WHERE CURB AND GUTTER ARE PERPENDICULAR TO A CONCRETE SURFACE, GUTTER SLOPE SHALL CONFORM TO ADJACENT CONCRETE SLOPE.

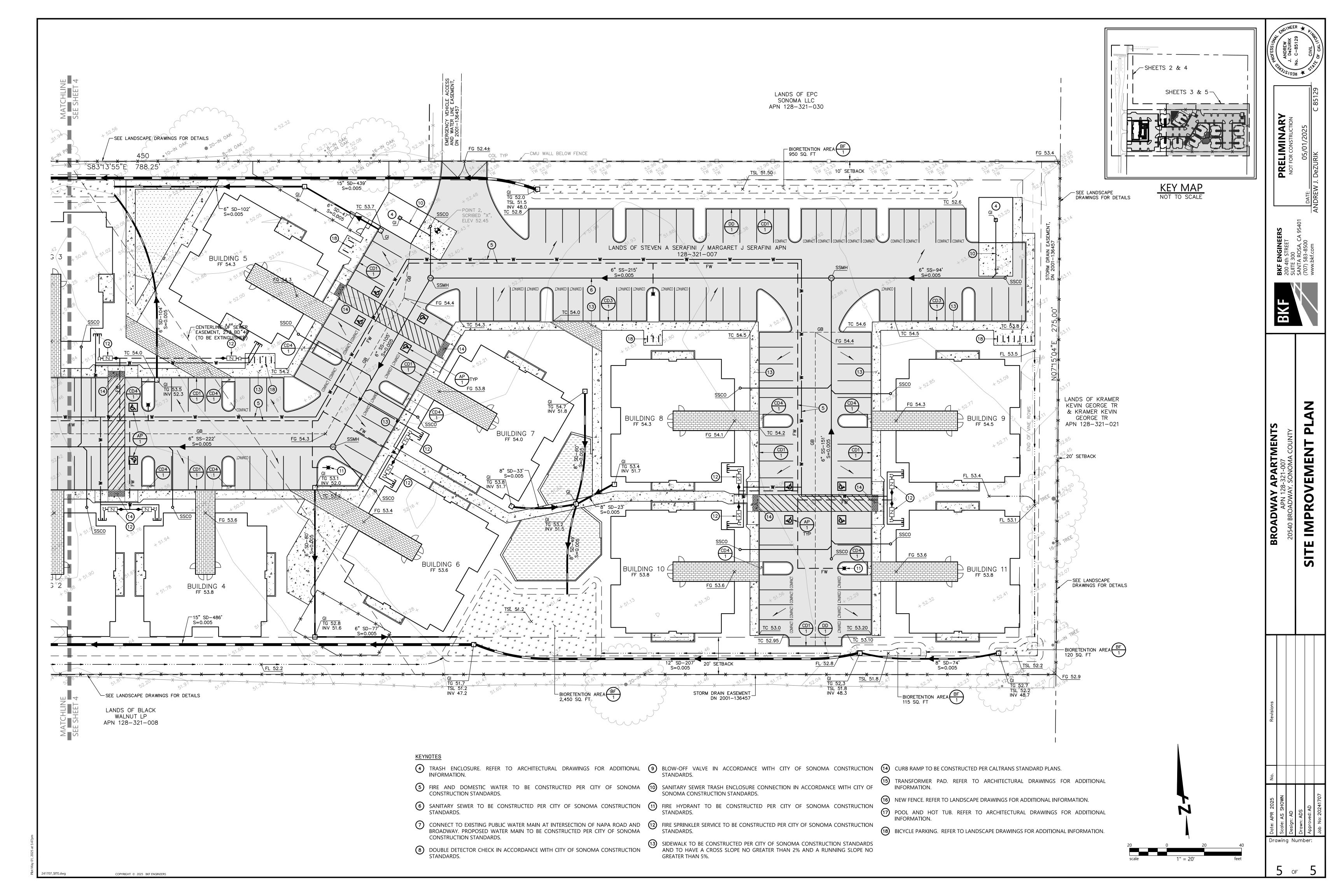
CURB DETAILS

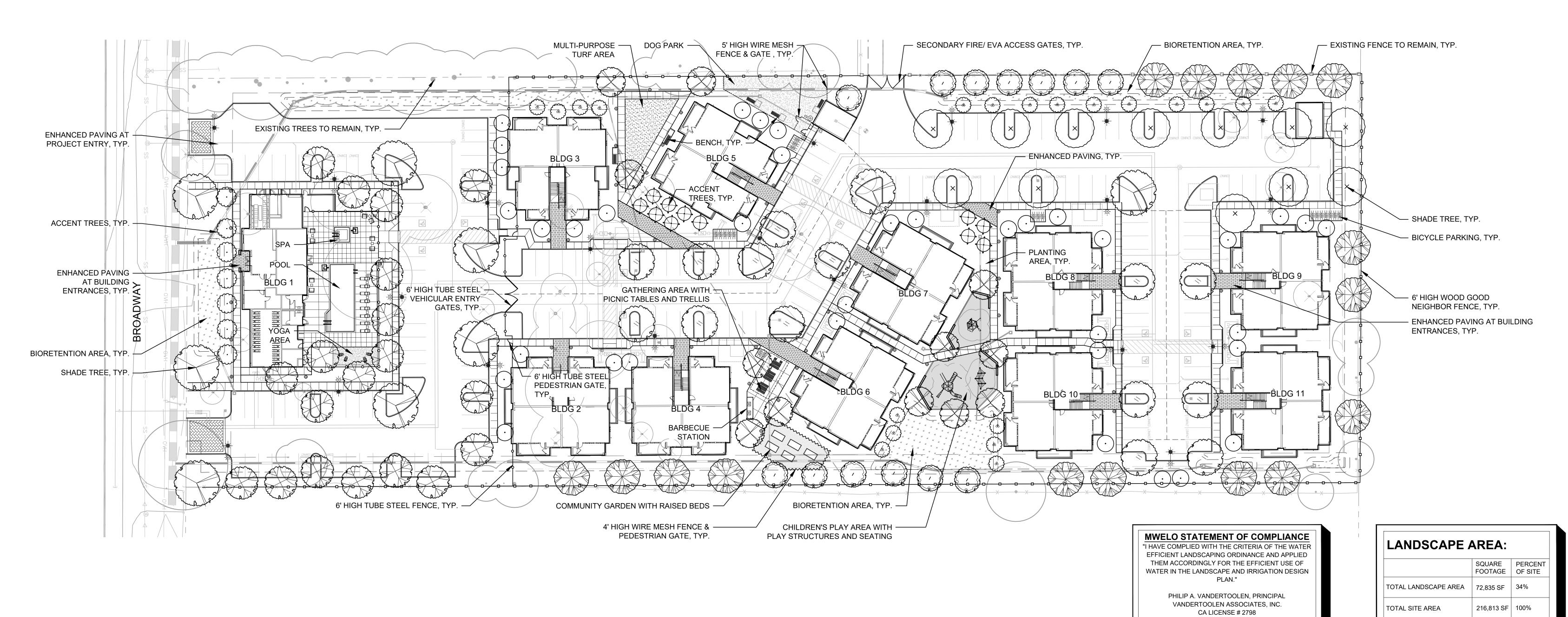
Drawing Number:











BACKGROUND/LARGE SHRUBS ARCTOSTAPHYLOS 'SUNSET' CEANOTHUS 'CONCHA' CUPRESSUS S. 'TINY TOWER' DODONEA V. 'PURPUREA' PIGREVILLEA 'NOELLII' PRUNUS C. 'COMPACTA'	SUNSET MANZANITA WILD LILAC FINY TOWER ITALIAN CYPRESS PURPLE HOPSEED BUSH NOEL'S GREVILLEA COMPACT CHERRY LAUREL	LOW LOW LOW LOW LOW	NATIVE/ ADAPTIVE NATIVE NATIVE ADAPTIVE ADAPTIVE	MIN. SIZE 15 GAL 15 GAL 15 GAL		BOTANICAL NAME GROUNDCOVERS ARCTOSTAPHYLOS UU. 'POINT REYES'	COMMON NAME POINT REYES MANZANITA		NATIVE/ ADAPTIVE	MIN. SIZE
ARCTOSTAPHYLOS 'SUNSET' CEANOTHUS 'CONCHA' CUPRESSUS S. 'TINY TOWER' DODONEA V. 'PURPUREA' GREVILLEA 'NOELLII' PRUNUS C. 'COMPACTA' CHAMNUS C. 'MOUND SAN BRUNO'	WILD LILAC FINY TOWER ITALIAN CYPRESS PURPLE HOPSEED BUSH NOEL'S GREVILLEA COMPACT CHERRY LAUREL	LOW LOW LOW	NATIVE ADAPTIVE	15 GAL			POINT REYES MANZANITA			
CEANOTHUS 'CONCHA' CUPRESSUS S. 'TINY TOWER' DODONEA V. 'PURPUREA' GREVILLEA 'NOELLII' PRUNUS C. 'COMPACTA' RHAMNUS C. 'MOUND SAN BRUNO'	WILD LILAC FINY TOWER ITALIAN CYPRESS PURPLE HOPSEED BUSH NOEL'S GREVILLEA COMPACT CHERRY LAUREL	LOW LOW LOW	NATIVE ADAPTIVE	15 GAL			POINT REYES MANZANITA			
CEANOTHUS 'CONCHA' CUPRESSUS S. 'TINY TOWER' DODONEA V. 'PURPUREA' GREVILLEA 'NOELLII' PRUNUS C. 'COMPACTA' RHAMNUS C. 'MOUND SAN BRUNO'	WILD LILAC FINY TOWER ITALIAN CYPRESS PURPLE HOPSEED BUSH NOEL'S GREVILLEA COMPACT CHERRY LAUREL	LOW LOW LOW	NATIVE ADAPTIVE	15 GAL				LOW	NATIVE	1 GAL @
DODONEA V. 'PURPUREA' GREVILLEA 'NOELLII' PRUNUS C. 'COMPACTA' RHAMNUS C. 'MOUND SAN BRUNO' CO	PURPLE HOPSEED BUSH NOEL'S GREVILLEA COMPACT CHERRY LAUREL	LOW LOW		15 GAL	1\ /	BACCHARIS P. 'PIGEON POINT'	DWARF COYOTE BUSH	LOW	NATIVE	1 GAL @
GREVILLEA 'NOELLII' PRUNUS C. 'COMPACTA' CHAMNUS C. 'MOUND SAN BRUNO' CO	NOEL'S GREVILLEA COMPACT CHERRY LAUREL	LOW	ADAPTIVE	_	<i>`</i>	HELIANTHEMUM N. 'HENFIELD BRILLIANT'	HENFIELD BRILLIANT ROCK ROSE		ADAPTIVE	1 GAL
PRUNUS C. 'COMPACTA' CORHAMNUS C. 'MOUND SAN BRUNO' CO	COMPACT CHERRY LAUREL			15 GAL		MYOPORUM P. 'PUTAH CREEK'	MYOPORUM	LOW	ADAPTIVE	1 GAL @
RHAMNUS C. 'MOUND SAN BRUNO' C		1 014/	ADAPTIVE	5 GAL		SCAEVOLA 'MAUVE CLUSTERS'	PURPLE FAN FLOWER	LOW	ADAPTIVE	1 GAL @
	COFFEEBERRY	LOW	ADAPTIVE	15 GAL						
FOUNDATION/CONTRAST SHRUBS		LOW	NATIVE	15 GAL		TURF				
						DELTA 90/10	FESCUE BLUEGRASS	MOD	ADAPTIVE	SOD
CALLISTEMON V. 'LITTLE JOHN'	OWARF BOTTLEBRUSH	LOW	ADAPTIVE	5 GAL						
	EMON LIME NANDINA	LOW	ADAPTIVE	5 GAL		BIORETENTION AREA*				
PHORMIUM 'YELLOW WAVE' FI	FLAX	LOW	ADAPTIVE	5 GAL			DEDICE! EV OFFICE	1.014	A	4.041
PITTOSPORUM T. 'WHEELER'S DWARF'	DWARF MOCK ORANGE	LOW	ADAPTIVE	5 GAL	· · · · · ·	CAREX TUMULICOLA (DIVULSA)	BERKELEY SEDGE	LOW	NATIVE	1 GAL
RHAPHIOLEPIS I. 'PINKIE' DI	OWARF INDIAN HAWTHORN	LOW	ADAPTIVE	5 GAL	* * *	IRIS DOUGLASIANA	DOUGLAS IRIS	LOW	NATIVE	1 GAL
SALVIA C. 'WINNIFRED GILMAN' CI	CLEVELAND SAGE	LOW	NATIVE	5 GAL	· • •	JUNCUS PATENS MIMULUS AURANTIACUS	CALIFORNIA GREY RUSH	LOW	NATIVE NATIVE	1 GAL
WESTRINGIA F. 'BLUE GEM'	COAST ROSEMARY	LOW	ADAPTIVE	5 GAL	* * * * * *	MUHLENBERGIA RIGENS	STICKY MONKEY-FLOWER DEERGRASS	V. LOW LOW	NATIVE	1 GAL 1 GAL
SMALL ACCENT SHRUBS/GRASSES						* BIORETENTION AREA PLANT PALETTE AS	S ADDDOVED DED DASMAA GUIDEUN	IEQ		
ACHILLEA M. 'SONOMA COAST' W	WHITE YARROW	LOW	NATIVE	1 GAL		DIONETERIOR ANEA FLANT FALETTE AS	JAI I NOVED FER DAGINAA GUIDELINI	iLG.		
	BLUE GRAMA GRASS	LOW	NATIVE	1 GAL						
BULBINE FRUTESCENS 'HALLMARK' O	DRANGE BULBINE	LOW	ADAPTIVE	1 GAL						
	CANYON PRINCE WILD RYE	LOW	NATIVE	1 GAL						
ERIOGONUM GRANDE RUBESCENS SA	SAN MIGUEL ISLAND BUCKWHEAT	Γ LOW	NATIVE	1 GAL						
	SLAND SNAPDRAGON	LOW	NATIVE	1 GAL						
LOMANDRA L. 'BREEZE' DI	DWARF MAT RUSH	LOW	ADAPTIVE	1 GAL						
PENSTEMON H. 'MARGARITA BOP' DI	DWARF PENSTEMON	LOW	NATIVE NATIVE	1 GAL						

PROPOSED TREE PALETTE							
	BOTANICAL NAME	COMMON NAME	WUCOLS	NATIVE/ ADAPTIVE	MIN. SIZE	QTY	
Lumy	TREES						
TV ()	ACER RUBRUM 'FRANK JR.'	REDPOINTE MAPLE	MOD	ADAPTIVE	24" BOX	12	
Mar .	ARBUTUS 'MARINA'	STRAWBERRY TREE	LOW	ADAPTIVE	24" BOX	16	
	CARPINUS BETULUS 'FRANS FONTAINE'	EUROPEAN HORNBEAM	MOD	ADAPTIVE	24" BOX	37	
& }	CERCIS OCCIDENTALIS	WESTERN REDBUD	V. LOW	NATIVE	15 GAL	20	
	GINKGO BILOBA 'AUTUMN GOLD'	MAIDENHAIR TREE	MOD	ADAPTIVE	24" BOX	19	
	LAGERSTROEMIA I. 'MUSKOGEE'	LAVENDER CRAPE MYRTLE	LOW	ADAPTIVE	24" BOX	7	
	LAURUS X 'SARATOGA'	SARATOGA HYBRID LAUREL	LOW	ADAPTIVE	15 GAL	6	
×)	PISTACIA X 'RED PUSH'	RED PUSH PISTACHE	LOW	ADAPTIVE	24" BOX	12	
	PRUNUS C. 'KRAUTER VESUVIUS'	PURPLE-LEAF PLUM	MOD	ADAPTIVE	24" BOX	11	
	QUERCUS LOBATA	VALLEY OAK	LOW	NATIVE	24" BOX	9	
alaska)	ULMUS X 'FRONTIER'	FRONTIER ELM	LOW	ADAPTIVE	24" BOX	14	

RED TAIL MULTIFAMILY LAND DEVELOPMENT, LLC. 2082 MICHELSON DRIVE, 3RD FLOOR IRVINE, CA 92612

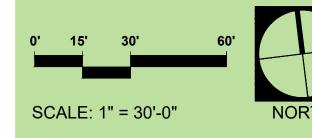
BROADWAY APARTMENTS

Sonoma, California

OVERALL SITE PLAN
CONCEPTUAL LANDSCAPE PLAN
MAY 5, 2025



EXISTING TREE TO REMAIN - SEE ARBORIST'S REPORT FOR INFORMATION





PLANTING NOTES

- THE PLANTING DESIGN FOR THE SITE IS DROUGHT TOLERANT AND CONSISTS OF A BALANCE OF EVERGREEN AND DECIDUOUS PLANTING AS WELL AS NATIVE AND ORNAMENTAL PLANTING.
- 2. ALL SHRUBS AND GROUNDCOVER MATERIAL SELECTED HAVE A
- PER SMC 19.40.060-H THE PROPOSED PLANT MATERIAL INCLUDE DROUGHT TOLERANT LAWN (PLAY AREA), GROUNDCOVER, TREES, & SHRUBS. PLANT MATERIAL SHALL BE MAINTAINED & IRRIGATED BY THE HOA TO REDUCE POTENTIAL FUEL LOAD.
- PROPOSED TREE CANOPIES ARE SHOWN AT 85% MATURE GROWTH DIAMETER IN ORDER TO ENSURE THERE IS SUFFICIENT ROOM FOR TREE GROWTH AND HEALTH.

IRRIGATION NOTES

- THE IRRIGATION DESIGN FOR THE SITE SHALL COMPLY WITH THE STATE MANDATED MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO).
- 2. THE IRRIGATION SYSTEMS WILL BE AUTOMATICALLY CONTROLLED BY AN ET/'SMART' IRRIGATION CONTROLLER CAPABLE OF MULTIPLE PROGRAMMING AND INDEPENDENT TIMING OF INDIVIDUAL IRRIGATION SYSTEMS. THE CONTROLLER WILL HAVE A 24-HOUR CLOCK TO ALLOW MULTIPLE START TIMES AND REPEAT CYCLES TO ADJUST FOR SOIL PERCOLATION RATES.
- THE IRRIGATION SYSTEMS WILL CONSIST PRIMARILY OF LOW VOLUME, LOW FLOW BUBBLERS FOR TREES, AND POINT SOURCE DRIP IRRIGATION FOR SHRUBS AND GROUNDCOVERS.
- 4. PLANTS WILL BE GROUPED ONTO SEPARATE VALVES ACCORDING TO SUN EXPOSURE AND WATER USE TO ALLOW FOR IRRIGATION APPLICATION BY HYDROZONE. THE IRRIGATION SCHEDULING WILL REFLECT THE REGIONAL EVAPO-TRANSPIRATION RATES.
- ALL MWELO DOCUMENTATION INCLUDING IRRIGATION PLANS, WATER USE CALCULATIONS AND CERTIFICATES SHALL BE SUBMITTED WITH THE LANDSCAPE IMPROVEMENT PLANS FOR REVIEW AND APPROVAL

SOIL AMENDMENT

NOTES

THE SOIL ON SITE SHALL BE PREPARED ACCORDING TO THE RECOMMENDATIONS (ORD.2G) OF SURF TO SNOW ENVIRONMENTAL

TREES



ARBUTUS 'MARINA'





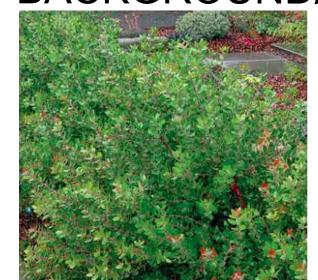








BACKGROUND/ LARGE SHRUBS



ARCTOSTAPHYLOS 'SUNSET'







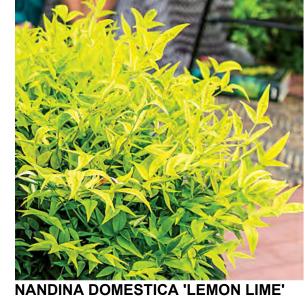
GREVILLEA 'NOELLII'

PRUNUS CAROLINIANA 'COMPACTA'



FOUNDATION/ CONTRAST SHRUBS







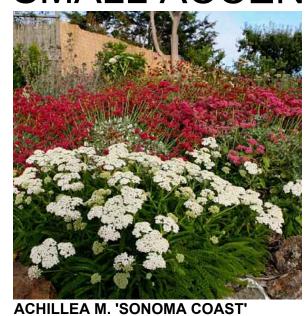








SMALL ACCENT SHRUBS/ GRASSES









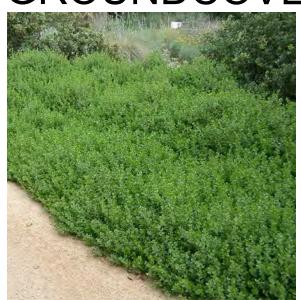








GROUNDCOVERS



BACCHARIS P. 'PIGEON POINT'













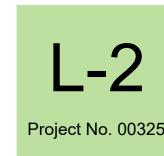


BROADWAY APARTMENTS

Sonoma, California

PLANT IMAGERY CONCEPTUAL LANDSCAPE PLAN MAY 5, 2025





RED TAIL MULTIFAMILY

IRVINE, CA 92612



6' TALL WOOD GOOD NEIGHBOR **FENCE**



6' TALL TUBE STEEL FENCE, PEDESTRIAN & VEHICULAR GATE



5' TALL WIRE MESH FENCE & GATE AT DOG PARK



4' TALL WIRE MESH FENCE & GATE AT GARDEN





ENHANCED PAVING



SITE FURNISHINGS

BENCH



PICNIC TABLE

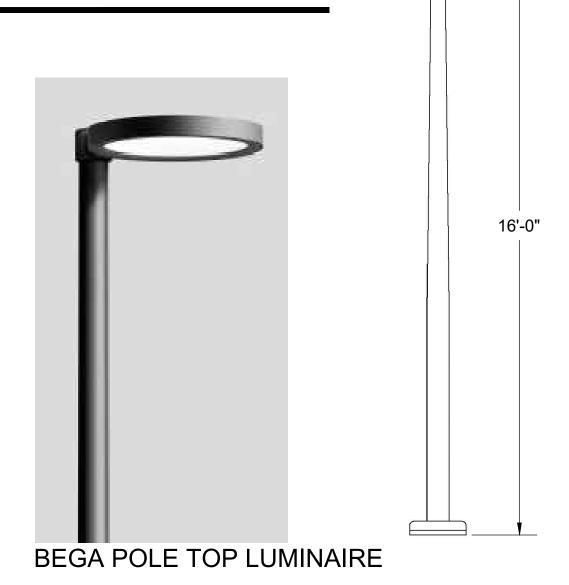


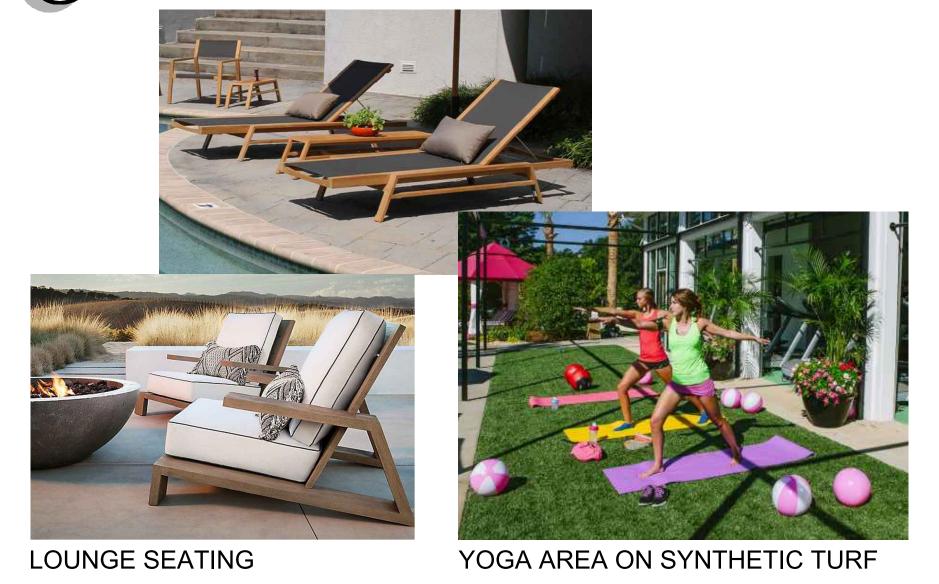
BICYCLE RACK



BEGA BOLLARD

LIGHTING



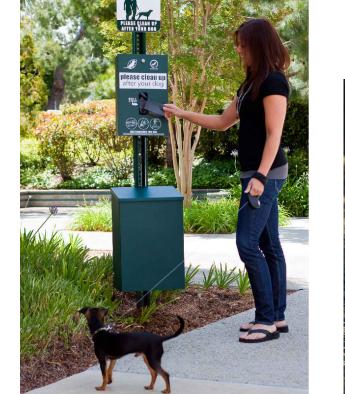


POOL & SPA AREA



F MULTI-PURPOSE TURF AREA





DOG PARK

RED TAIL MULTIFAMILY LAND DEVELOPMENT, LLC. 2082 MICHELSON DRIVE, 3RD FLOOR **IRVINE, CA 92612**

BROADWAY APARTMENTS

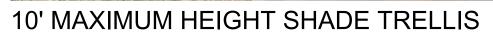
Sonoma, California

SITE IMAGERY CONCEPTUAL LANDSCAPE PLAN MAY 5, 2025









BARBECUE AREA



BARBECUE STATIONS



RAISED GARDEN BEDS



COMMUNITY GARDEN



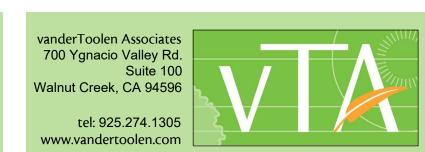
PLAY STRUCTURES FOR AGES 2 TO 5 YEARS OLD & AGES 5 TO 12 YEARS OLD



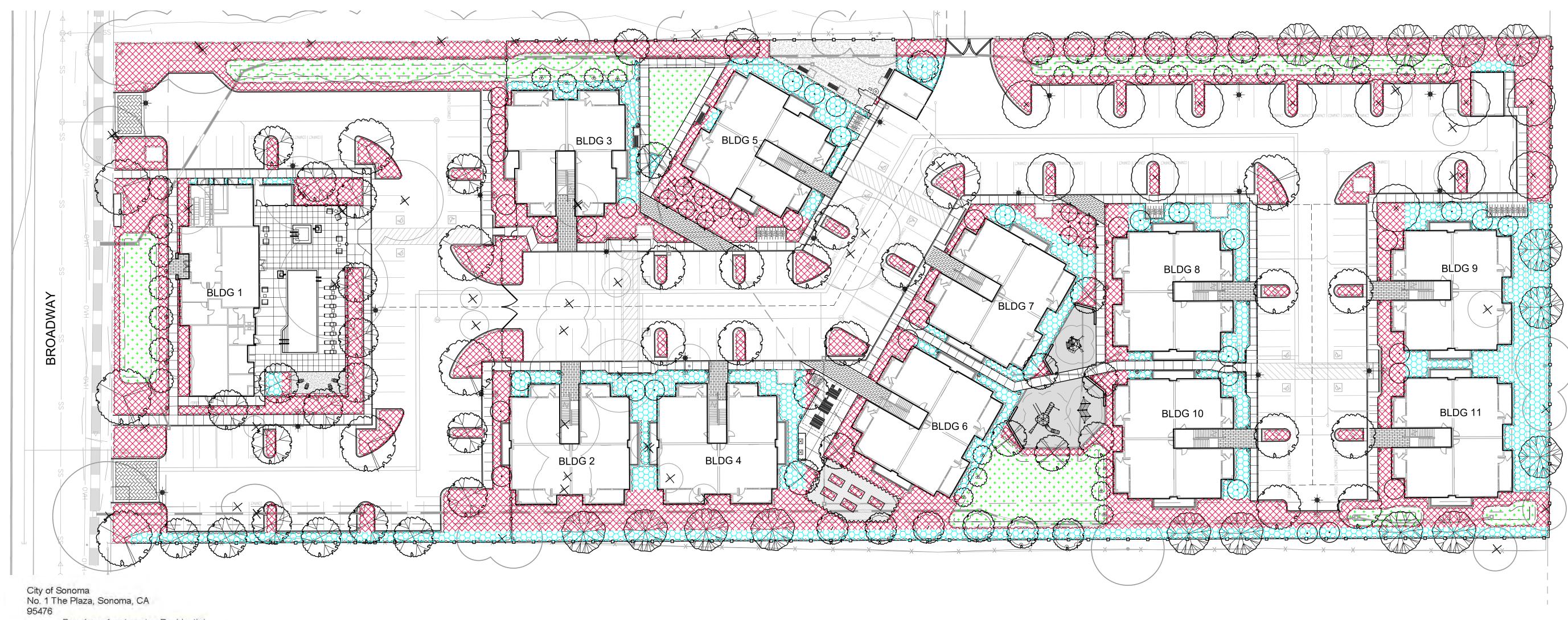
CONCRETE SEATWALL

C CHILDREN'S PLAY AREA









Regular Landscape Areas

Broadway Apartments - Residential WATER EFFICIENT LANDSCAPE WORKSHEET

(PF/IE) Area (sq, ft,)

Efficiency

Reference Evapotranspiration (ETo) 46.1

Factor (PF)

Method^b

Shrubs	0.2 Low	Drip	0.81	0.2	59,917	14,794	422,851
Bioretention	0.2 Low	Spray	0.75	0.3	10,716	2,858	81,676
Turf	0.6 Mod	Spray	0.75	0.8	1,061	849	24,260
Trees	0.4 Mod	Bubbler	0.81	0.5	1,141	563	349
	*			Totals	72,835	19,064	529,13
Special Landsc	upo Firous		_	1	1 -1	-	
				1			
				4			
				1			
	_			T ALLE	4.00	(m)	
				Totals	(C)	(D)	
				lotais	(C)	ETWU Total	529,137

^aHydrozone #/Planting Description E.g 1.) front lawn

low water use plantings

3.) medium water use planting

Pirrigation Method overhead spray or drip

^cIrrigation Efficiency 0.75 for spray head 0.81 for drip

0 to 0.1 Very Low Water Use Plants

0.4 to 0.6 Moderate Water Use Plants

classification of Landscape Species".

Plant factors cited are derived from the publication "Water Use

Average ETAF for Regular Landscape Areas must

be 0.55 or below for residential areas, and 0.45 or

0.1 to 0.3 Low Water Use Plants

0.7 to 1.0 High Water Use Plants

below for non-residential areas.

dETWU (Annual Gallons Required) = Eto x 0.62 x ETAF x Area where 0.62 is a conversion factor that converts acreinches per acre per year to

Water Use (ETWU)^e

*MAWA (Annual Gallons Allowed) = (Eto) (0.62) [(ETAF x TLA) + ((1-ETAF) x SLA)] where 0.62 is a conversion factor that converts acreinches per acre per year to gallons per square foot per year, LA is the total landscape area in square feet, SLA is the total special landscape area in square feet, and ETAF is .55 for residential areas and 0.45 for non-

TLA = regular Landscape Areas + Special Landscape

ETAF Calculations

Total ETAF x Area Total Area Average ETAF B÷A

All Landscape Areas

Regular Landscape Areas

Total ETAF x Area Total Area (A+C) Sitewide ETAF (B+D) + (A+C)

GENERAL IRRIGATION EQUIPMENT

MANUFACTURER/MODEL/DESCRIPTION

RAIN BIRD PESB ", 1-1/2", 2" PLASTIC REMOTE CONTROL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION. WITH SCRUBBER TECHNOLOGY FOR RELIABLE PERFORMANCE IN DIRTY WATER IRRIGATION

APPLICATIONS. **RAIN BIRD 44-LRC**

1" BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING. LOCKING THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY IN VALVE BOX WITH LOCKING COVER.

NIBCO T-113 CLASS 125 BRONZE GATE SHUT OFF VALVE WITH WHEEL HANDLE, SAME SIZE AS MAINLINE PIPE DIAMETER AT gallons per square foot per VALVE LOCATION. SIZE RANGE - 3/4" - 3"

> **HUNTER ICV201G-FS** WITH FLOW-SYNC SENSOR PLASTIC ELECTRIC MASTER VALVE, GLOBE CONFIGURATION, WITH NPT THREADED INLET/OUTLET, WITH FILTER SENTRY.

FEBCO 825Y REDUCED PRESSURE BACKFLOW PREVENTER. PAINT

GREEN. **HUNTER ACC** W/ SOLAR SYNC & RAIN-CLIK 12 TO 99 STATION OUTDOOR MODULAR IRRIGATION CONTROLLER. HIGH-END COMMERCIAL USE. METAL

IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 SIZE RANGE: 3/4" TO 1 1/2"

IRRIGATION MAINLINE: PVC SCHEDULE 40 (2" & SMALLER) CLASS 315 (2 1/2" & LARGER)

PIPE SLEEVE: CPVC SCHEDULE 40 PIPE & WIRE SLEEVING UNDER ALL PAVING. 2" MINIMUM SIZE OR TWICE THE SIZE OF PIPE TO BE SLEEVED, WHICHEVER IS GREATER.

DRIP & BUBBLER EQUIPMENT

HUNTER ICZ-101-25 DRIP CONTROL ZONE KIT. 1" ICV GLOBE VALVE WITH 1" HY100 FILTER SYSTEM. PRESSURE REGULATION: 25PSI. FLOW RANGE: 2 GPM TO 20 GPM. 150 MESH STAINLESS STEEL SCREEN.

TREE IRRIGATION **RAIN BIRD RWS-B-C**

ROOT WATERING SYSTEM WITH 4.0" DIAMETER X 36.0" LONG WITH LOCKING GRATE, SEMI-RIGID MESH TUBE, AND CHECK VALVE. RAIN BIRD BUBBLER 1402 0.5 GPM. DESIGN OPERATING PRESSURE: 40 PSI APPLICATION RATE: 1.88 - 2.16 IN/HR (2) BUBBLERS PER 15 GAL TREE & 24" BOX TREE

SHRUB & GROUNDCOVER IRRIGATION RAIN BIRD XFS-CV-06-18

XFS-CV SUB-SURFACE LANDSCAPE DRIPLINE WITH A HEAVY-DUTY 4.3 PSI CHECK VALVE. 0.6 GPH EMITTERS AT 18" O.C. DRIPLINE LATERALS SPACED AT 18" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN. GREAT FOR ELEVATION CHANGE. SPECIFY XF INSERT FITTINGS. DESIGN OPERATING PRESSURE: 30 PSI APPLICATION RATE: 0.43 IN/HR

TURF & BIORETENTION **SPRAY EQUIPMENT**

MANUFACTURER/MODEL/DESCRIPTION

TURF IRRIGATION

HUNTER MP1000, MP2000 & MP3000 PROS-04-PRS40-CV TURF ROTATOR, 4" POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI (DESIGN OPERATING PRESSURE), MP ROTATOR NOZZLE ON PRS40 BODY. MP1000 (8'-15' RADIUS), MP2000 (13'-21' RADIUS), MP3000 (22'-30' RADIUS). APPLICATION RATE: 0.45 - 0.48 IN/HR

BIORETENTION IRRIGATION

HUNTER MP1000, MP2000 & MP3000 PROS-12-PRS40-CV SHRUB ROTATOR, 12" POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI (DESIGN OPERATING PRESSURE), MP ROTATOR NOZZLE ON PRS40 BODY. MP1000 (8'-15' RADIUS), MP2000 (13'-21' RADIUS), MP3000 (22'-30' RADIUS). APPLICATION RATE: 0.45 - 0.48 IN/HR

IRRIGATION NOTES

- THE IRRIGATION DESIGN FOR THE SITE SHALL COMPLY WITH THE STATE MANDATED MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO).
- THE IRRIGATION SYSTEMS WILL BE AUTOMATICALLY CONTROLLED BY AN ET/'SMART' IRRIGATION CONTROLLER CAPABLE OF MULTIPLE PROGRAMMING AND INDEPENDENT TIMING OF INDIVIDUAL IRRIGATION SYSTEMS. THE CONTROLLER WILL HAVE A 24-HOUR CLOCK TO ALLOW MULTIPLE START TIMES AND REPEAT CYCLES TO ADJUST FOR SOIL PERCOLATION RATES.
- THE IRRIGATION SYSTEMS WILL CONSIST PRIMARILY OF LOW VOLUME, LOW FLOW BUBBLERS FOR TREES, POINT SOURCE DRIP IRRIGATION FOR SHRUBS AND GROUNDCOVERS, AND MP ROTATOR IRRIGATION FOR TURF AND BIORETENTION PLANTINGS.
- PLANTS WILL BE GROUPED ONTO SEPARATE VALVES ACCORDING TO SUN EXPOSURE AND WATER USE TO ALLOW FOR IRRIGATION APPLICATION BY HYDROZONE. THE IRRIGATION SCHEDULING WILL REFLECT THE REGIONAL EVAPO-TRANSPIRATION RATES.
- ALL MWELO DOCUMENTATION INCLUDING IRRIGATION PLANS, WATER USE CALCULATIONS AND CERTIFICATES SHALL BE SUBMITTED WITH THE LANDSCAPE IMPROVEMENT PLANS FOR REVIEW AND APPROVAL.

HYDROZONE LEGEND

TREES, SHRUBS & GROUNDCOVERS - DRIP IRR SOUTH/ WEST EXPOSURE

TREES, SHRUBS & GROUNDCOVERS - DRIP IRR NORTH/ EAST EXPOSURE

BIORETENTION & TURF AREAS - MP ROTATOR

MWELO STATEMENT OF COMPLIANCE

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

> PHILIP A. VANDERTOOLEN, PRINCIPAL VANDERTOOLEN ASSOCIATES, INC. CA LICENSE # 2798

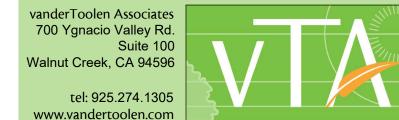
RED TAIL MULTIFAMILY LAND DEVELOPMENT, LLC. 2082 MICHELSON DRIVE, 3RD FLOOR

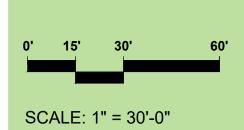
IRVINE, CA 92612

BROADWAY APARTMENTS

Sonoma, California

HYDROZONE PLAN CONCEPTUAL LANDSCAPE PLAN







MAY 5, 2025



2082 Michelson Dr., 3rd Floor Irvine, CA 92612

BROADWAY 20540 BROADWAY SONOMA, CA 95476 20540

STAMP:

REVISION SCHEDULE NO. ISSUE DATE

JOB NUMBER: ISSUE DATE: 5/14/2025 1" = 40'-0"

TITLE:

SITE PLAN IN CONTEXT

PRELIMINARY - Not for Construction -





BROADWAY 20540 BROADWAY SONOMA, CA 95476 20540

STAMP:

REVISION SCHEDULE DATE NO. ISSUE

JOB NUMBER: DRAWN BY: CHECKED BY:

Author Checker 5/14/2025 ISSUE DATE: SCALE: 1" = 30'-0"

2420

TITLE:

SITE PLAN - LEVEL 1

PRELIMINARY - Not for Construction -

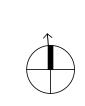
© 2025 PYATOK ARCHITECTURE & URBAN DESIGN

+/- 3' - 4"

POTENTIAL FUTURE SIDEWALK / STREET IMPROVEMENTS

SITE PLAN - LEVEL 1

1" = 30'-0"



SITE PLAN - ROOF PLAN
1" = 30'-0"

= BUILDING ENTRY

360 22ND ST. SUITE 600 OAKLAND, CA 94612 T. 510.465.7010 www.pyatok.com



20540 BROADWAY20540 BROADWAY SONOMA, CA 95476

STAMP:

REVISION SCHEDULE
NO. | ISSUE | DATE

JOB NUMBER:
DRAWN BY:
CHECKED BY:
ISSUE DATE:

ISSUE DATE: 5/14/2025

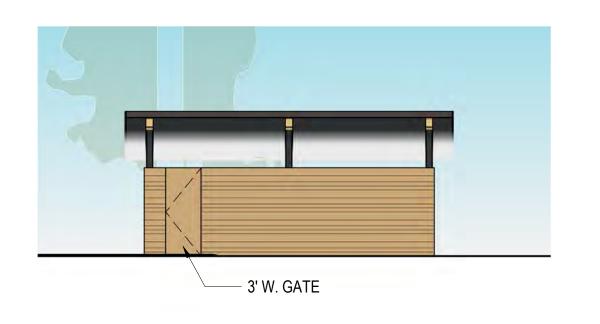
SCALE: 1" = 30'-0"

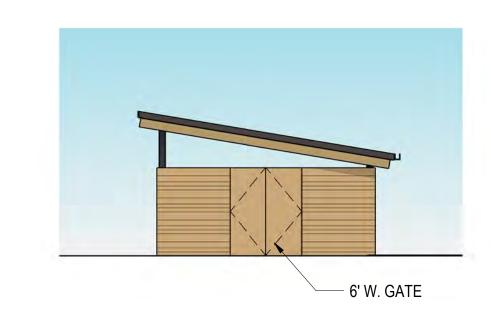
TITLE:

SITE PLAN - ROOF LEVEL

A1.02

PRELIMINARY - Not for Construction -







TRASH ENCLOSURE 3D VIEW 9

TYP. TRASH ENCLOSURE ROOF PLAN 3/16" = 1'-0" 2

TYP. TRASH ENCLOSURE FLOOR PLAN
3/16" = 1'-0"



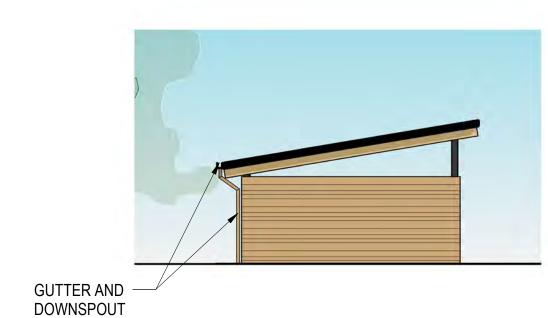
TYP. TRASH ENCLOSURE ELEV 3
1/8" = 1'-0"
7

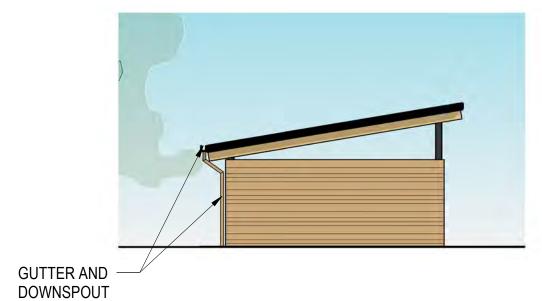


4" TO . WALL

T.0.

TYP. TRASH ENCLOSURE SECTION 2
3/16" = 1'-0"

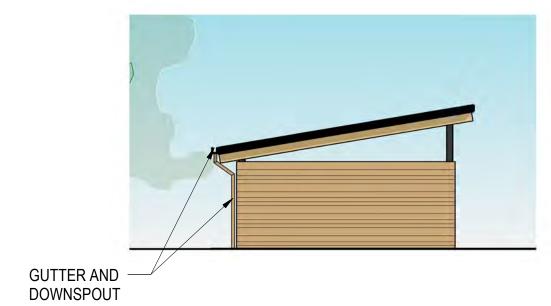


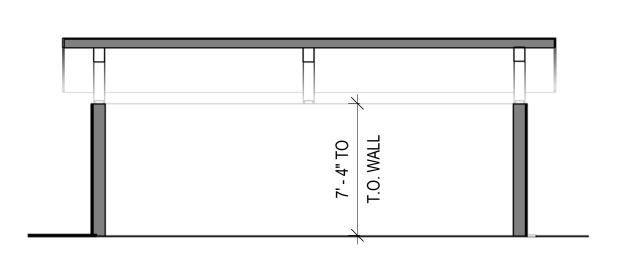


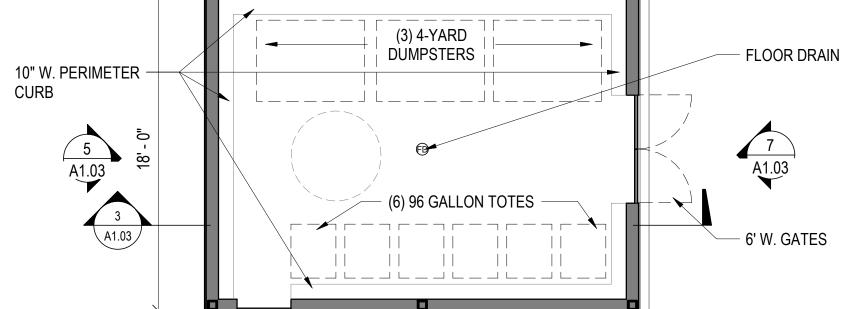
TYP. TRASH ENCLOSURE ELEV 1

1/8" = 1'-0"

5



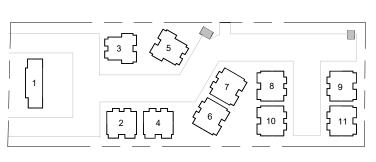




3' W. GATE

TYP. TRASH ENCLOSURE SECTION 1
3/16" = 1'-0"





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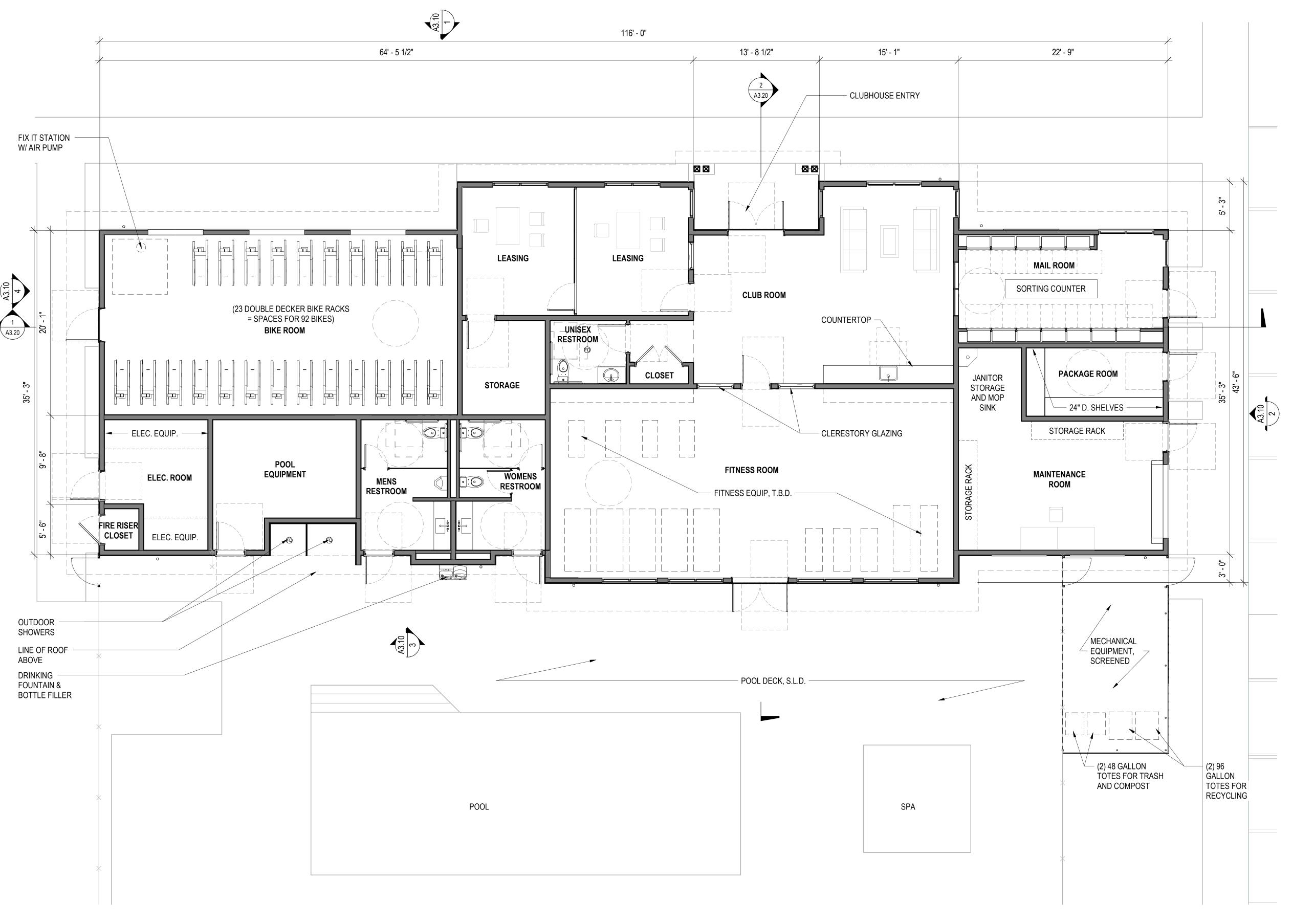
REVISION SCHEDULE NO. ISSUE DATE

2420 JOB NUMBER: Author DRAWN BY: CHECKED BY Checker ISSUE DATE:

5/14/2025 SCALE: As indicated

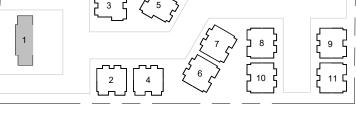
TITLE: TRASH ENCLOSURE PLANS, SECTIONS AND ELEVATIONS

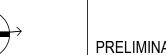
PRELIMINARY - Not for Construction -



KEY PLAN

BUILDING 1 - LEVEL 1
3/16" = 1'-0"





PRELIMINARY - Not for Construction -

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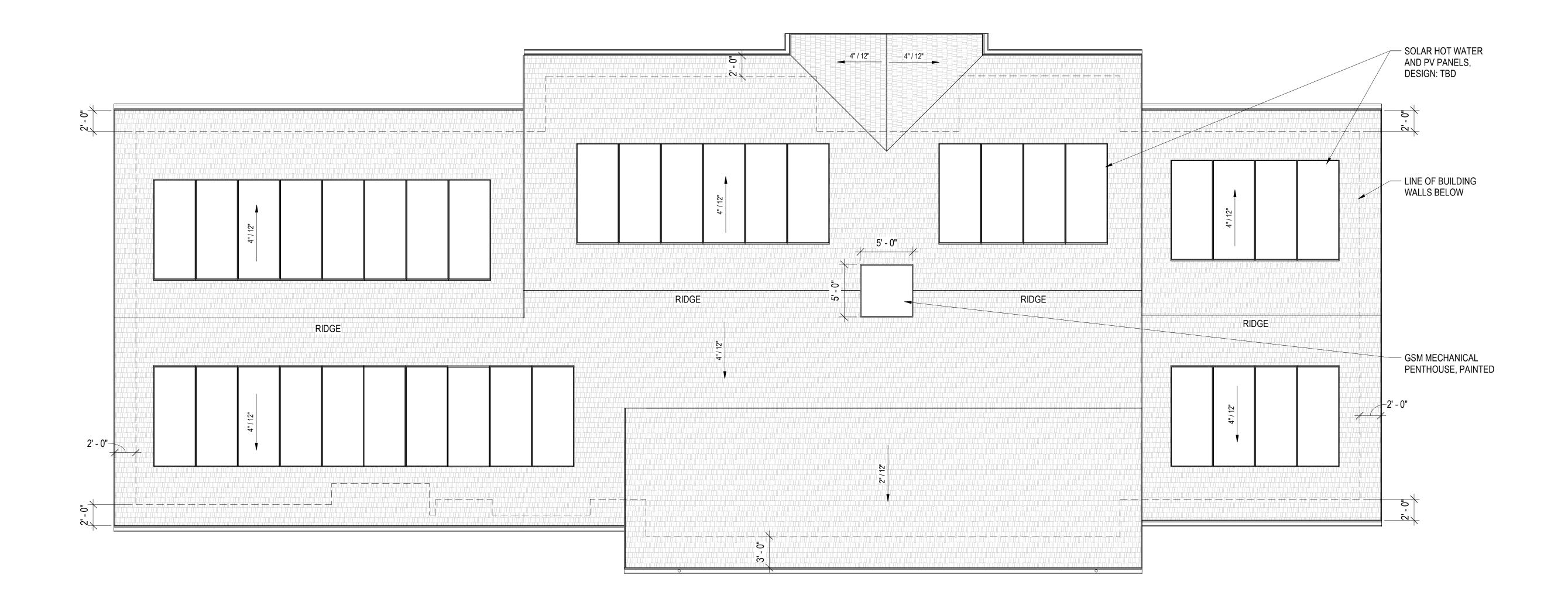
STAMP:

REVISION SCHEDULE NO. ISSUE DATE

2420 JOB NUMBER: SR, KWS DRAWN BY: CHECKED BY: KM, KWS 5/14/2025 ISSUE DATE:

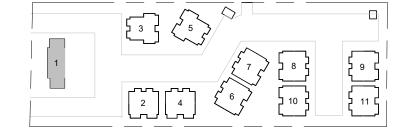
3/16" = 1'-0"

BUILDING PLANS - CLUBHOUSE



KEY PLAN

BUILDING 1 - ROOF LEVEL
3/16" = 1'-0"





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JOB NUMBER: DRAWN BY: CHECKED BY: Checker ISSUE DATE: SCALE:

REVISION SCHEDULE

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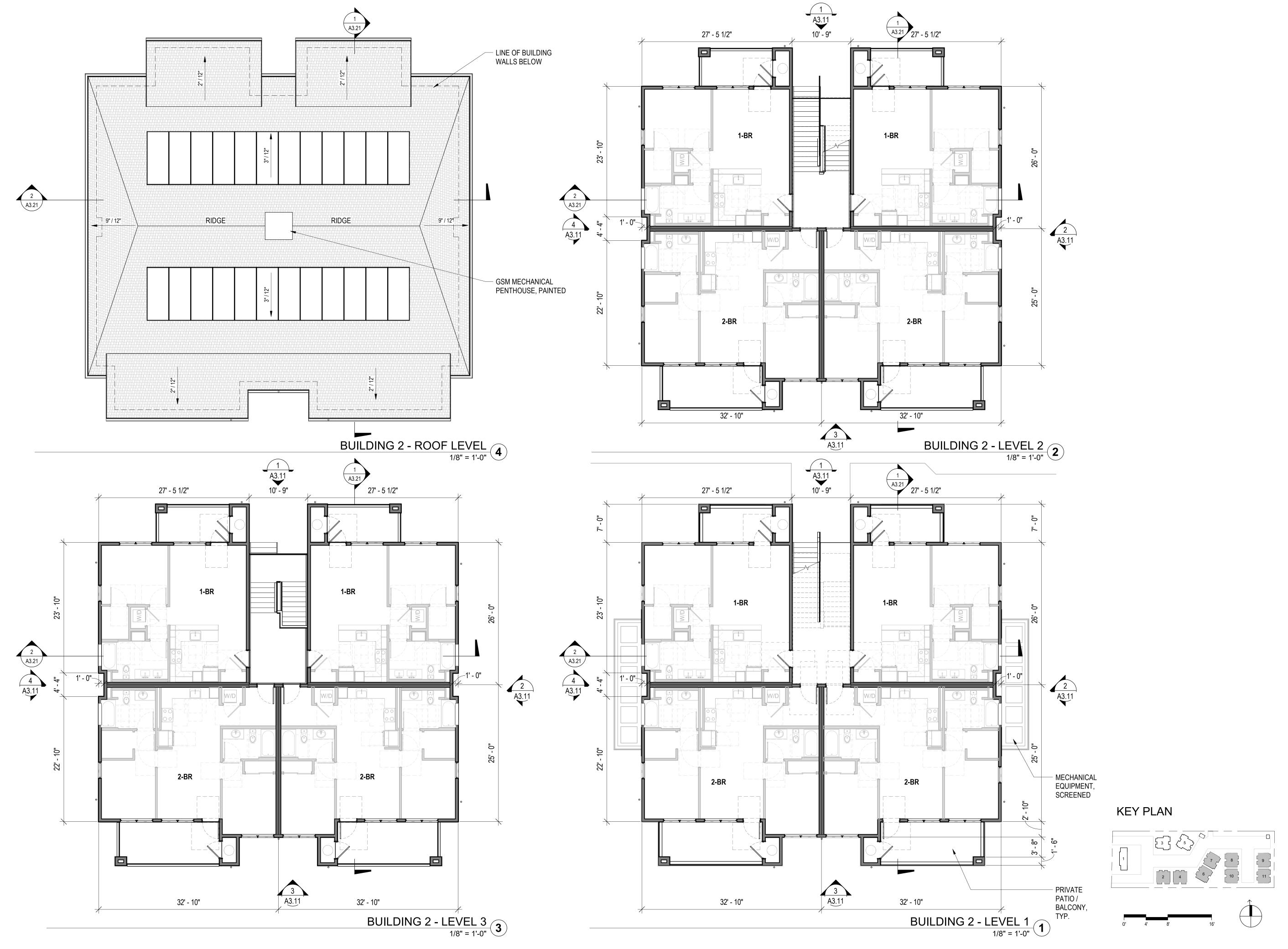
STAMP:

5/14/2025

3/16" = 1'-0"

BUILDING PLANS - CLUBHOUSE ROOF PLAN

PRELIMINARY - Not for Construction -



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ISSUE DATE:

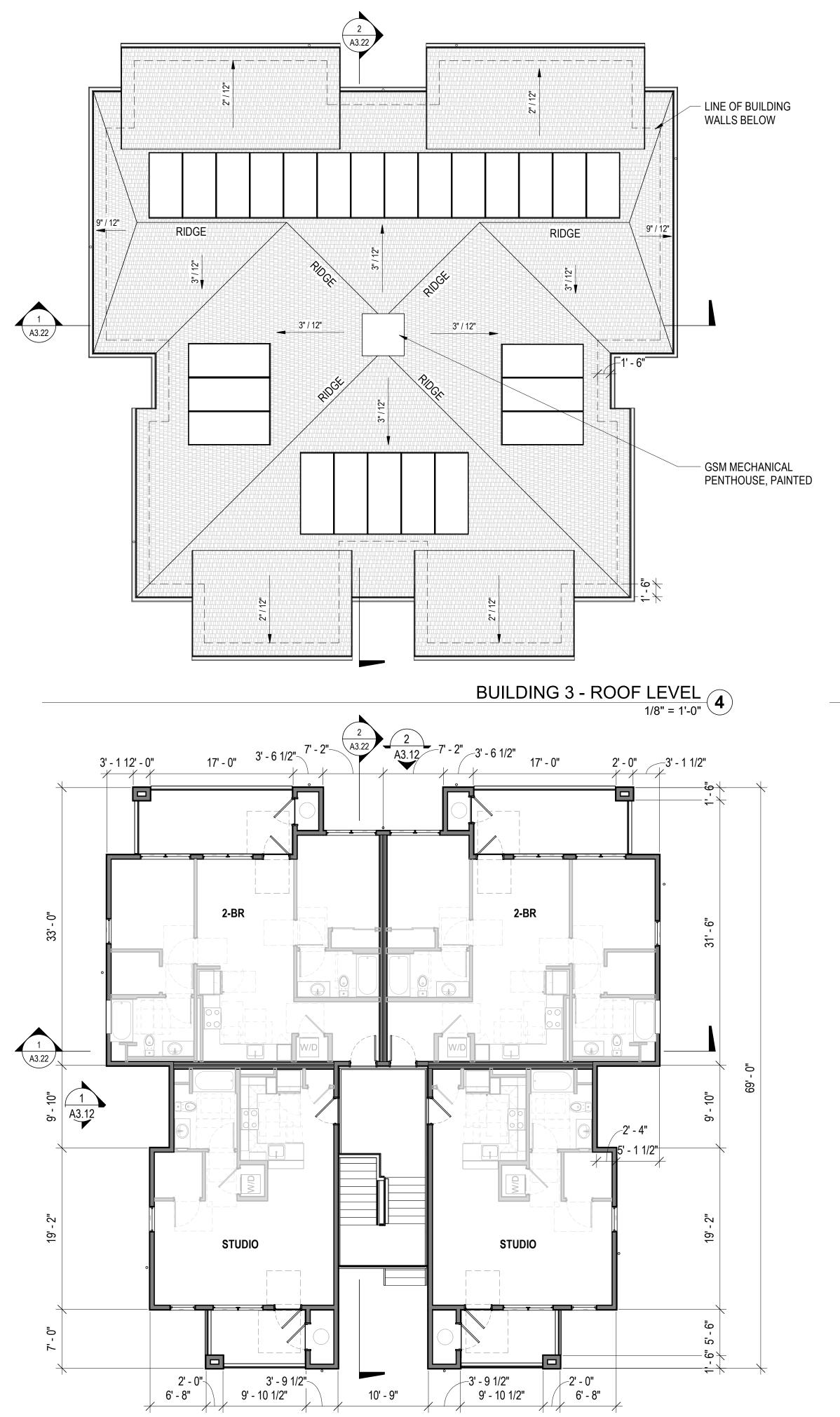
E: 1/8" = 1'-0"

BUILDING PLANS - BUILDING 2
PLAN (ALL EXCEPT BUILDING 1,
3 AND 5)

5/14/2025

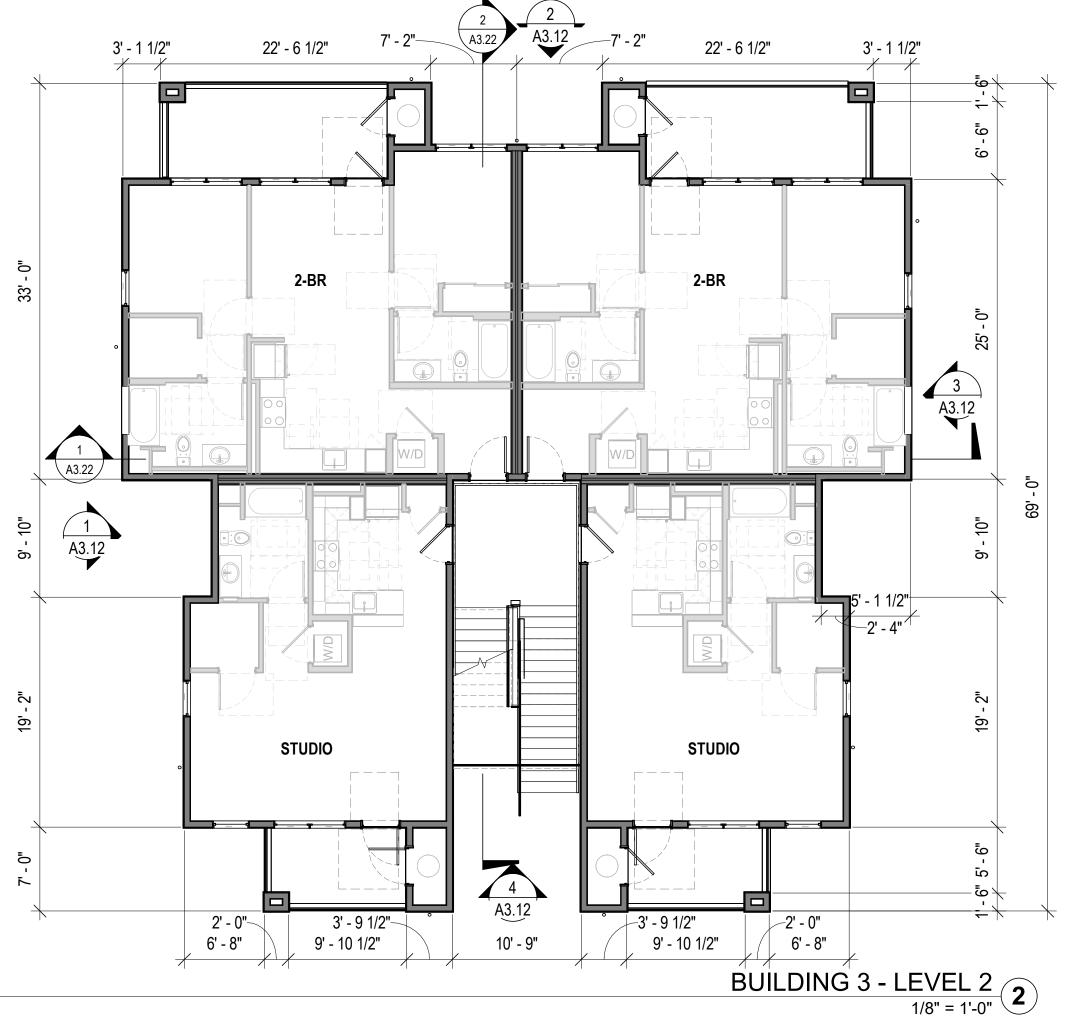
A2.02

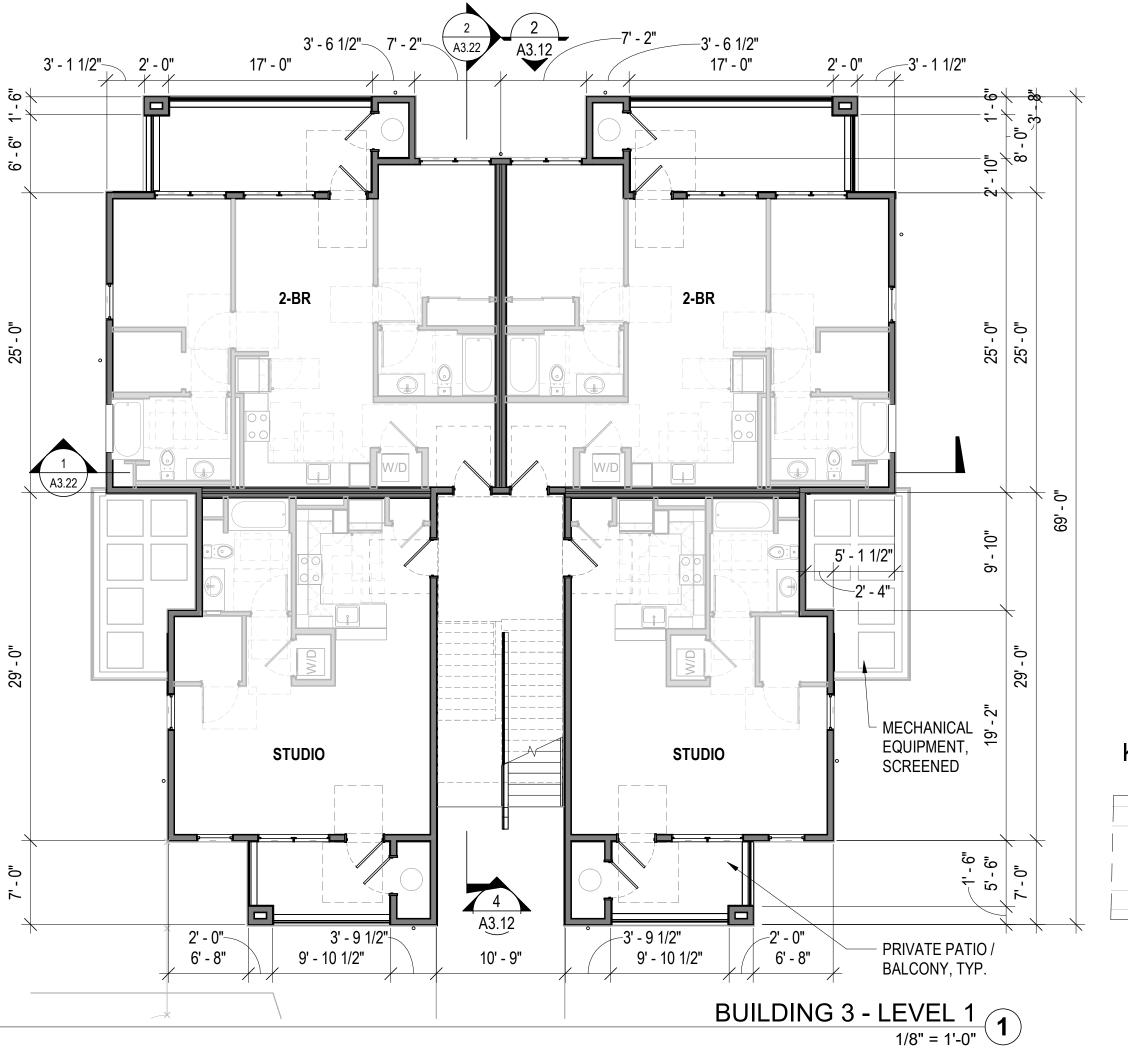
PRELIMINARY - Not for Construction -



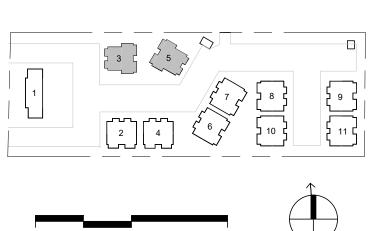
BUILDING 3 - LEVEL 3

1/8" = 1'-0"











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JOB NUMBER: ISSUE DATE:

Checker 5/14/2025 1/8" = 1'-0"

BUILDING PLANS - BUILDING TYPE 3 PLAN (BUILDING 5 SIM.)

PRELIMINARY - Not for Construction -



SITE ELEVATION - EAST
1" = 30'-0"

4



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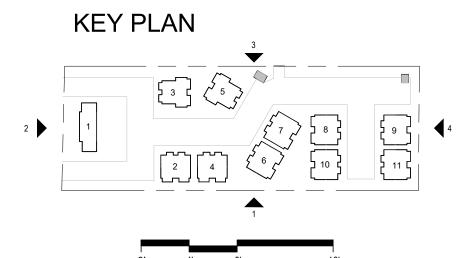


SITE ELEVATION - WEST
1" = 30'-0"

REVISION SCHEDULE DATE NO. ISSUE



SITE ELEVATION - SOUTH
1" = 30'-0"



JOB NUMBER: DRAWN BY: CHECKED BY: Checker 5/14/2025 1" = 30'-0"

TITLE:

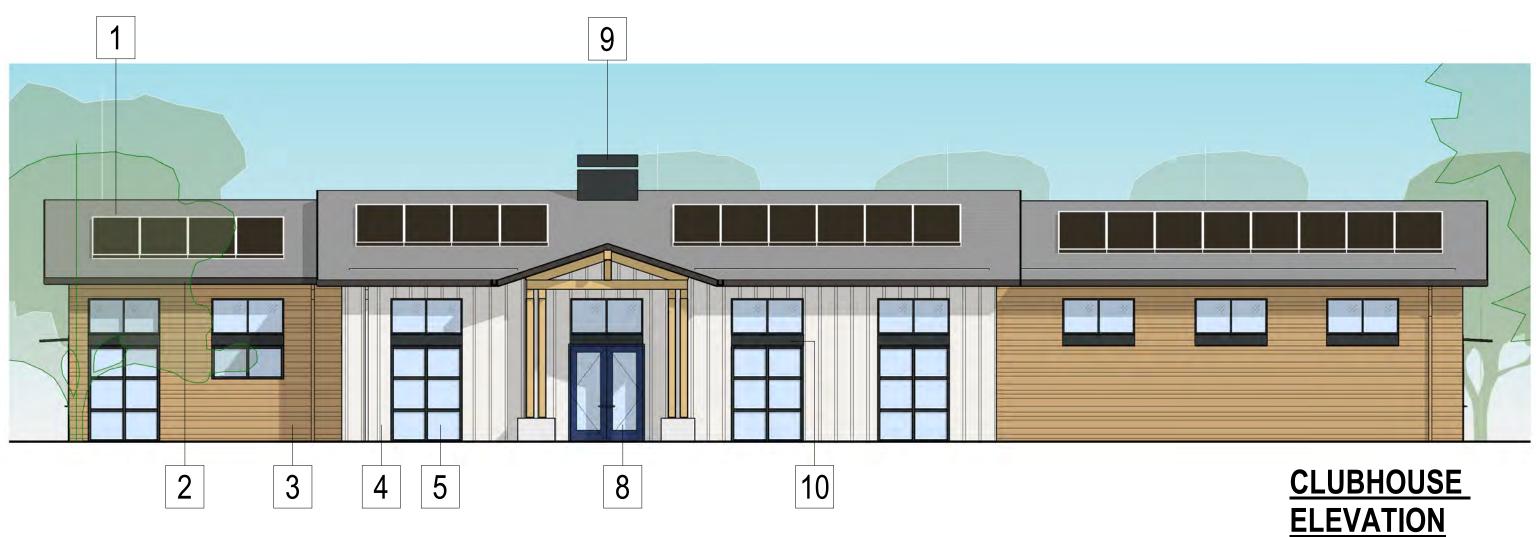
SITE ELEVATIONS

2420

Author

PRELIMINARY - Not for Construction -

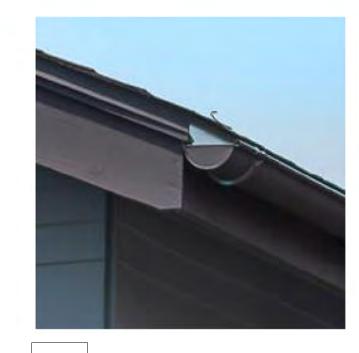




MATERIALS



ASPHALT SHINGLES



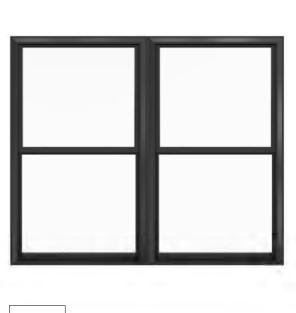
FASCIA TRIM AND GUTTER, PAINTED

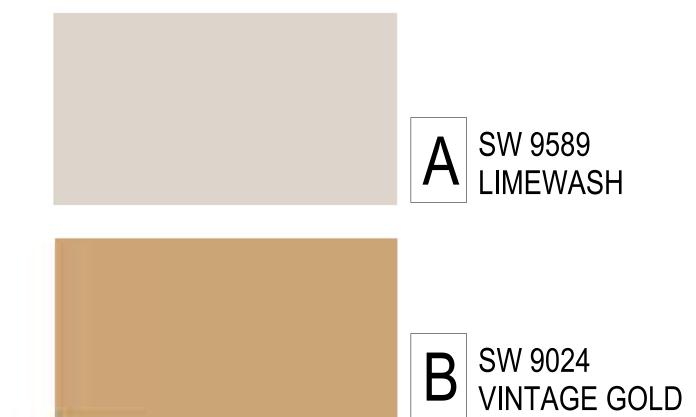


3 CEMENT BOARD LAP SIDING, PAINTED SIDING, PAINTED



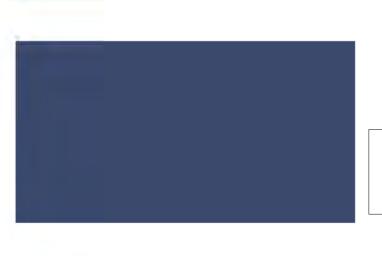
FIBER CEMENT **BOARD+BATTEN** SIDING, PAINTED





COLOR PALETTE

DARK BRONZE VINYL WINDOWS



C SW 6538 DIGNIFIED



CABLE RAILING WITH WOOD CAP



WOOD PATIO **FENCING**



ENTRY DOORS, 8 **PAINTED**



GALVANIZED SHEET METAL PENTHOUSE, PAINTED



10 SPANDREL PANEL, PAINTED



SW 9175 D DEEP FOREST **BROWN**

SW 9589

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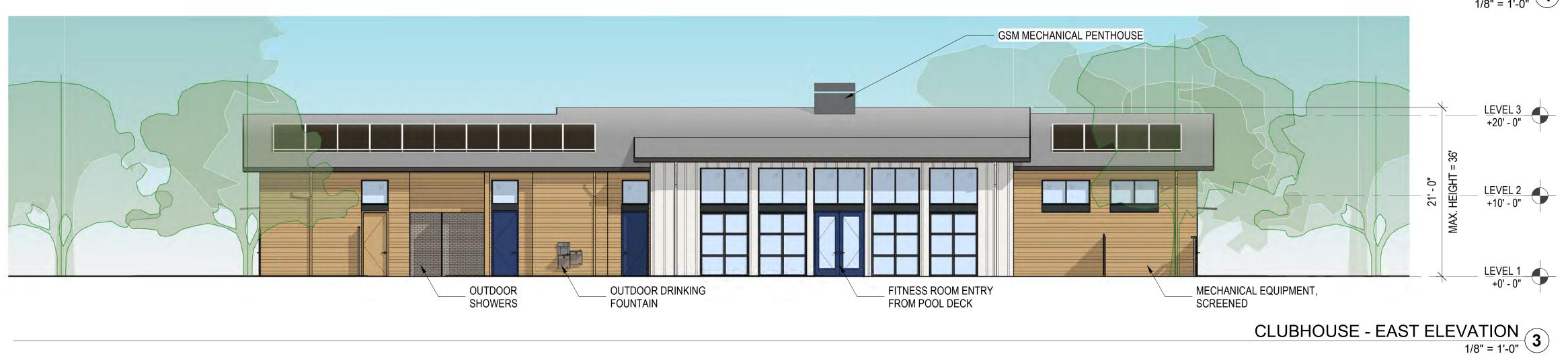
2420 JOB NUMBER: Author CHECKED BY Checker ISSUE DATE: 5/14/2025 SCALE: 1/8" = 1'-0"

TITLE: EXTERIOR MATERIALS BOARD

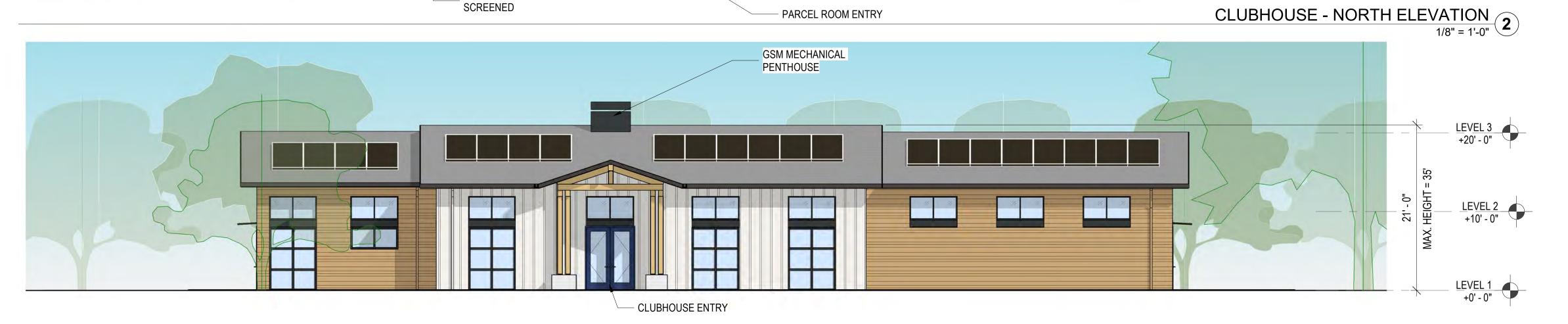
A3.03

PRELIMINARY - Not for Construction -





LEVEL 3 +20' - 0" __LEVEL 2 +10' - 0" LEVEL 1 +0' - 0" MECHANICAL EQUIPMENT, SCREENED MAIL ROOM ENTRY PARCEL ROOM ENTRY



CLUBHOUSE - WEST ELEVATION

1/8" = 1'-0"

KEY PLAN

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CLUBHOUSE ELEVATIONS

PRELIMINARY - Not for Construction -





BLDG 2 - WEST ELEVATION
1/8" = 1'-0"
4

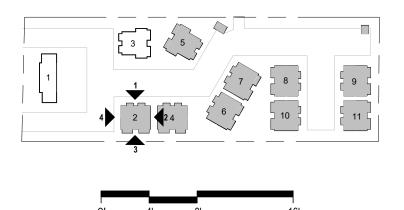
BLDG 2 - SOUTH ELEVATION
1/8" = 1'-0"
3





BLDG 2 - NORTH ELEVATION
1/8" = 1'-0"

KEY PLAN



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BUILDING 2 ELEVATIONS (ALL EXCEPT BUILDING 1, 3 AND 5)

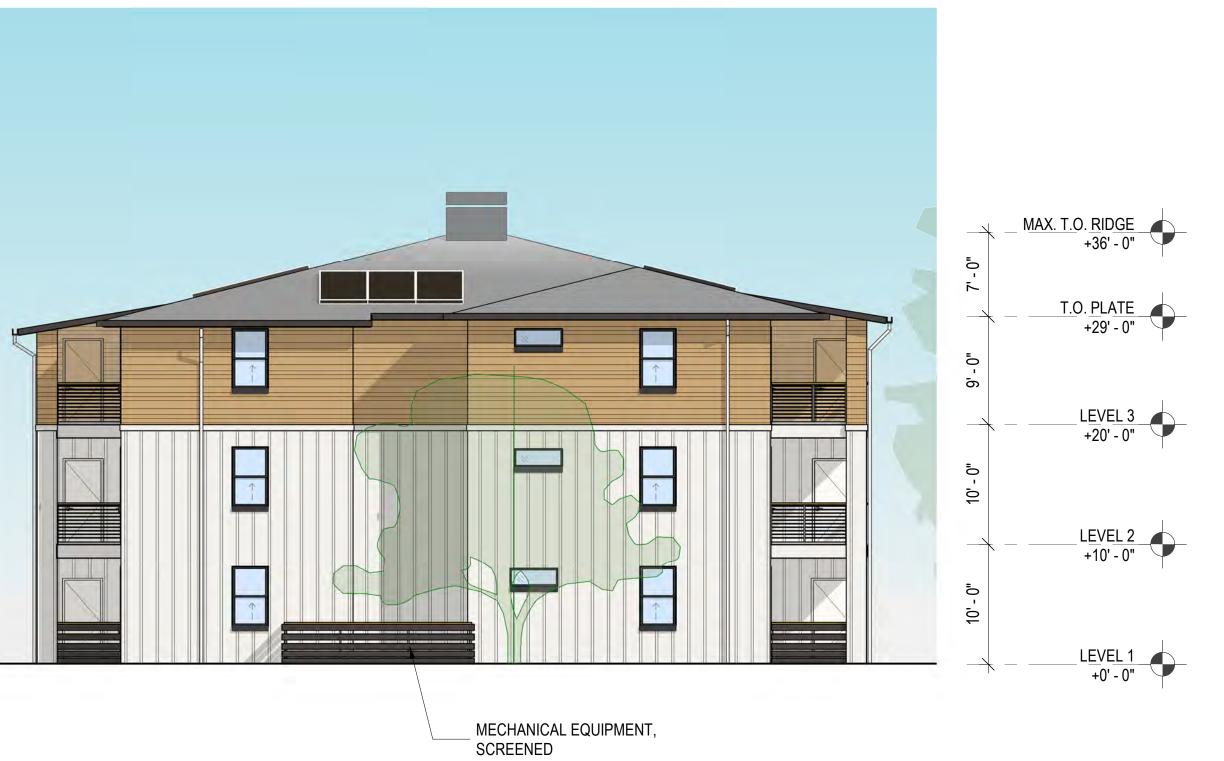
2420

Author

Checker

PRELIMINARY - Not for Construction -





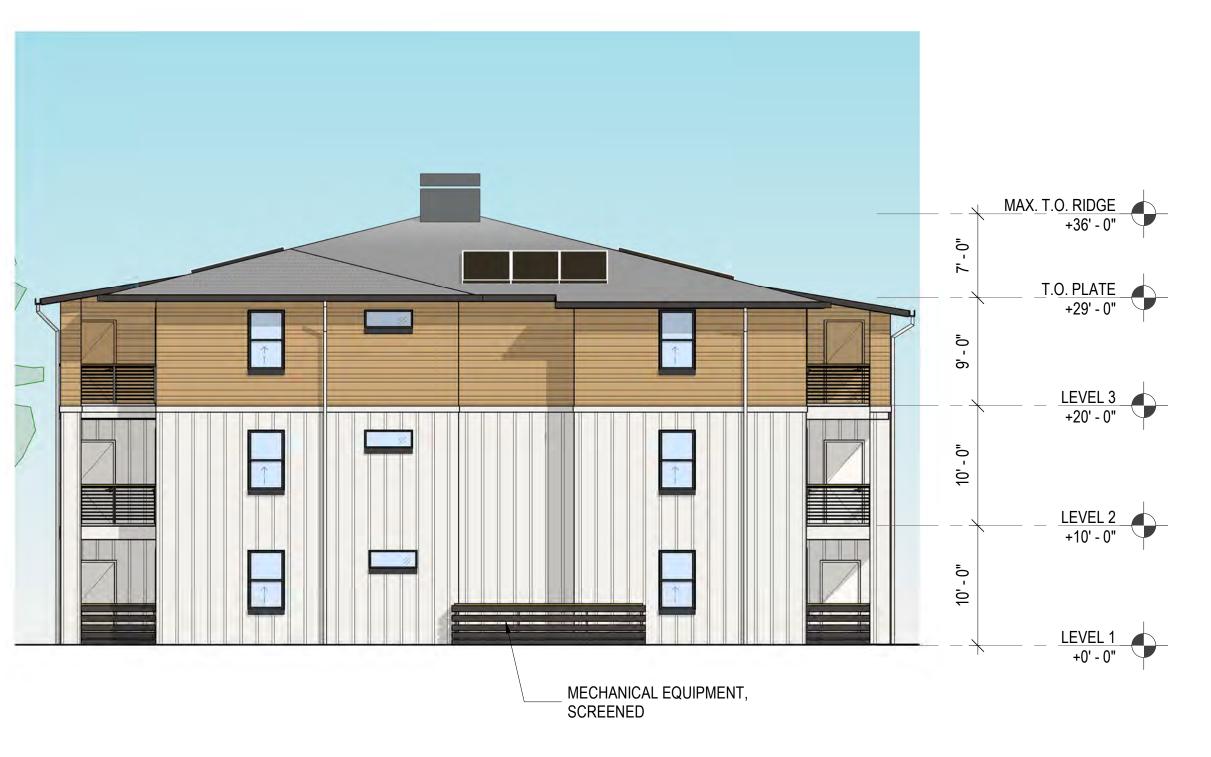
BUILDING 3 SOUTH ELEVATION

1/8" = 1'-0"

4

BUILDING 3 EAST ELEVATION
1/8" = 1'-0"
3





BUILDING 3 NORTH ELEVATION 2 1/8" = 1'-0"

BUILDING 3 WEST ELEVATION
1/8" = 1'-0"

KEY PLAN

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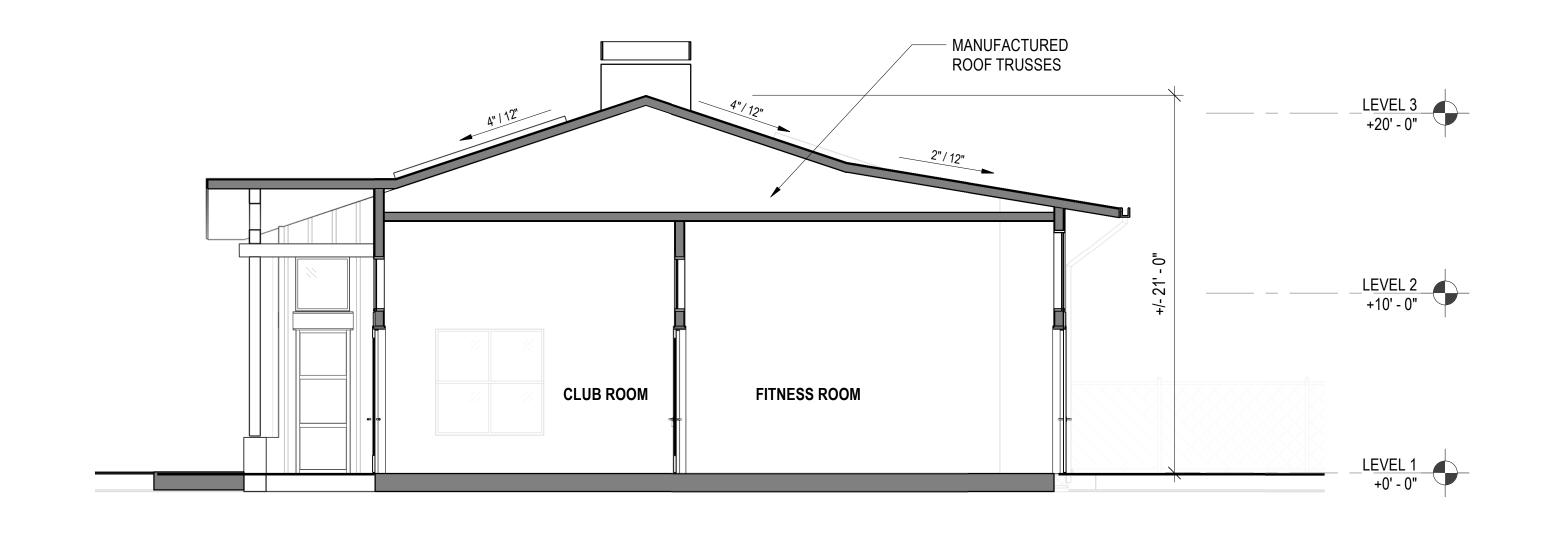
JOB NUMBER: DRAWN BY: CHECKED BY Checker ISSUE DATE: 5/14/2025 SCALE: 1/8" = 1'-0"

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TITLE: **BUILDING 3 ELEVATIONS** (BUILDING 5 SIM.)

PRELIMINARY - Not for Construction -

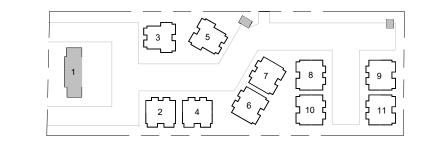


BUILDING SECTION - CLUBHOUSE SECTION 2
3/16" = 1'-0"

2



KEY PLAN



20540 BROADWAY SONOMA, CA 95476 20540 STAMP:

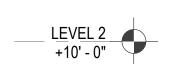
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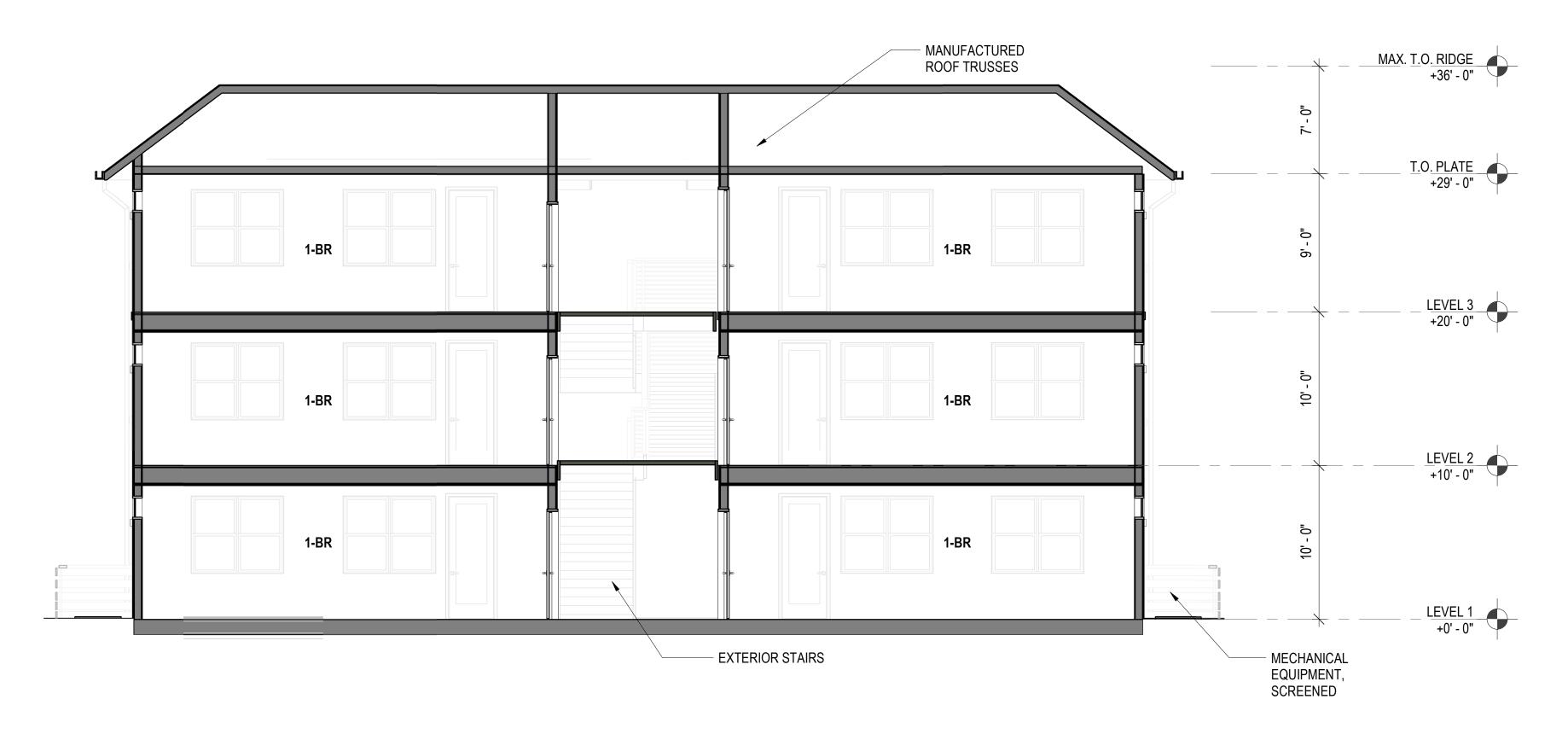


2420 JOB NUMBER: Author DRAWN BY: CHECKED BY: Checker ISSUE DATE: 5/14/2025 3/16" = 1'-0"

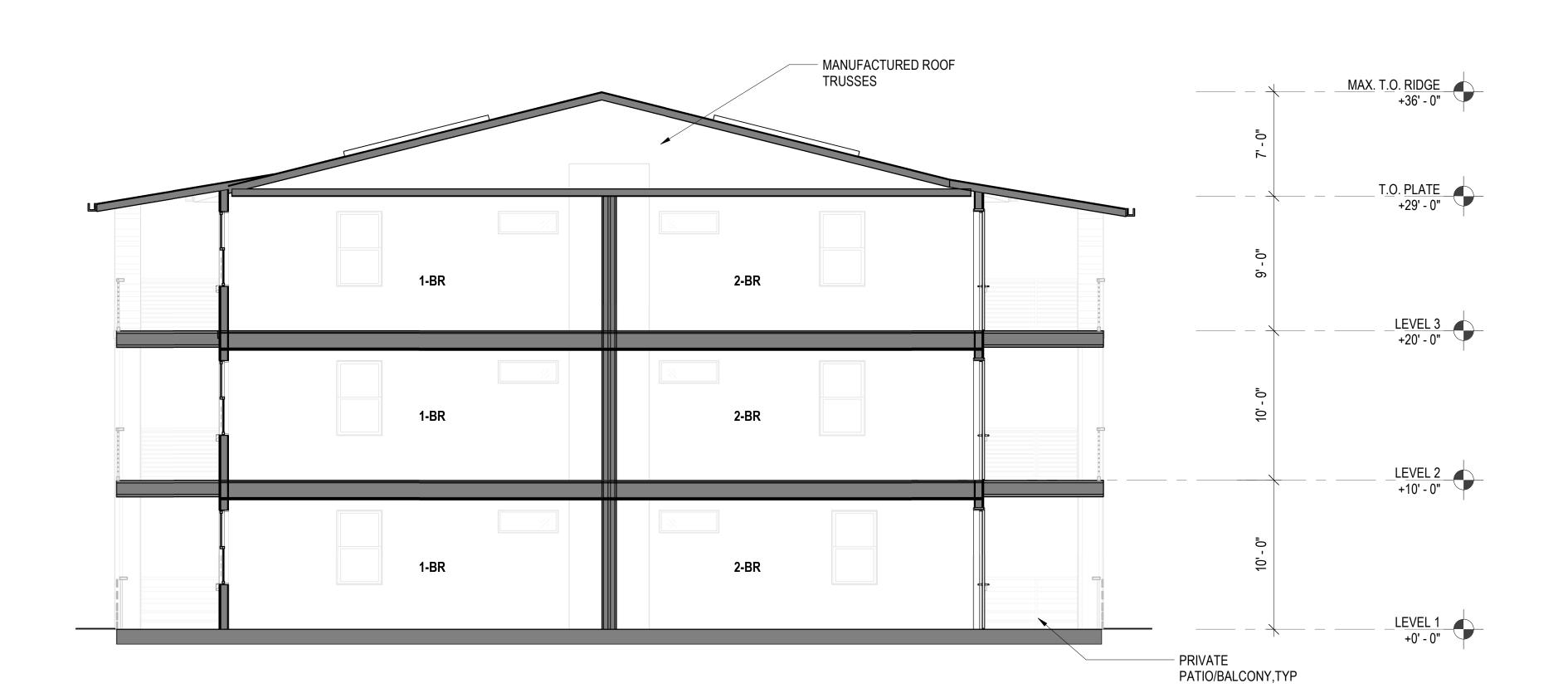
SCALE:

TITLE: BUILDING SECTIONS -CLUBHOUSE

PRELIMINARY - Not for Construction -



BUILDING SECTION - BUILDING 2 - SECTION 2
3/16" = 1'-0"



BUILDING SECTION - BUILDING 2 - SECTION 1
3/16" = 1'-0"

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STAMP:

REVISION SCHEDULE NO. ISSUE DATE

JOB NUMBER: CHECKED BY: ISSUE DATE: 3/16" = 1'-0"

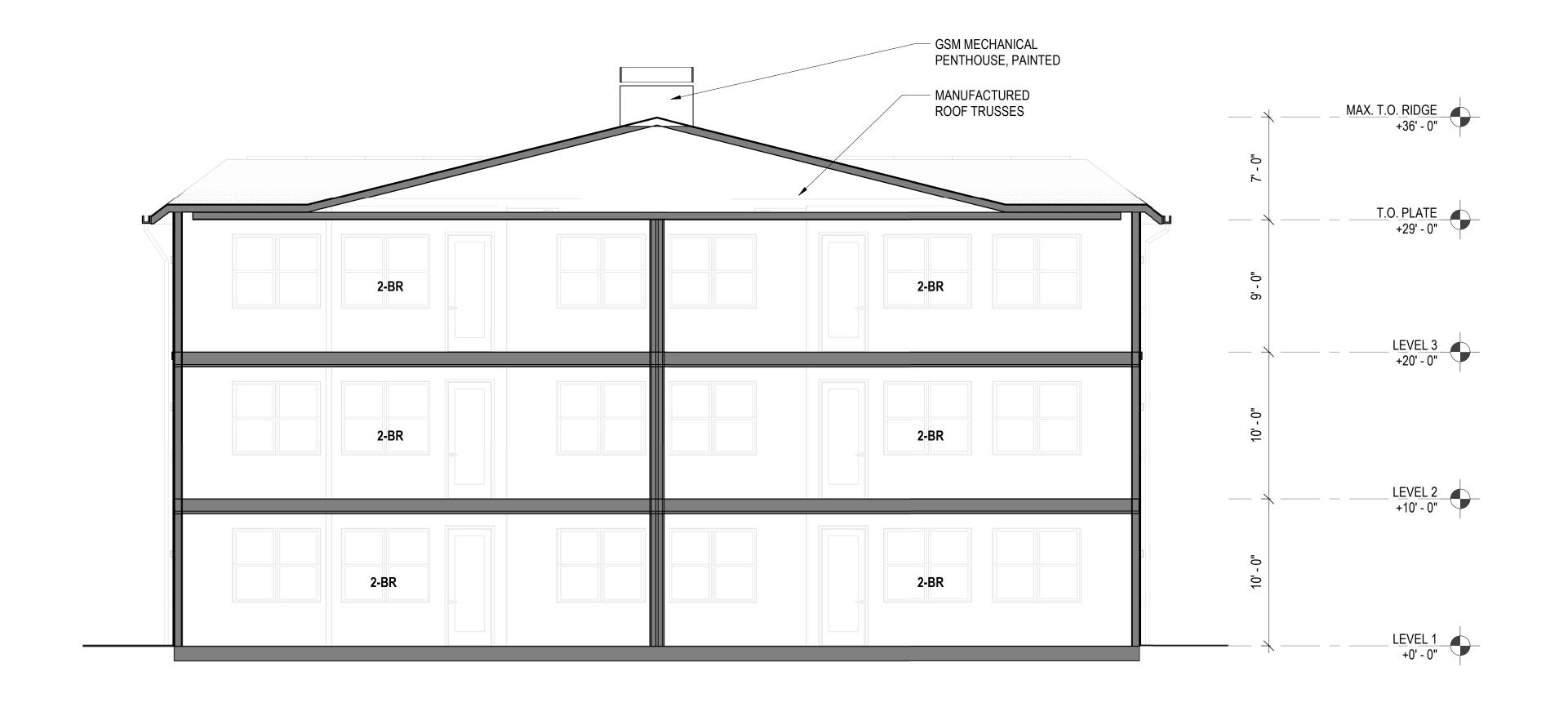
KEY PLAN

BUILDING SECTIONS - BUILDING 2 (ALL EXCEPT 1, 3 AND 5)

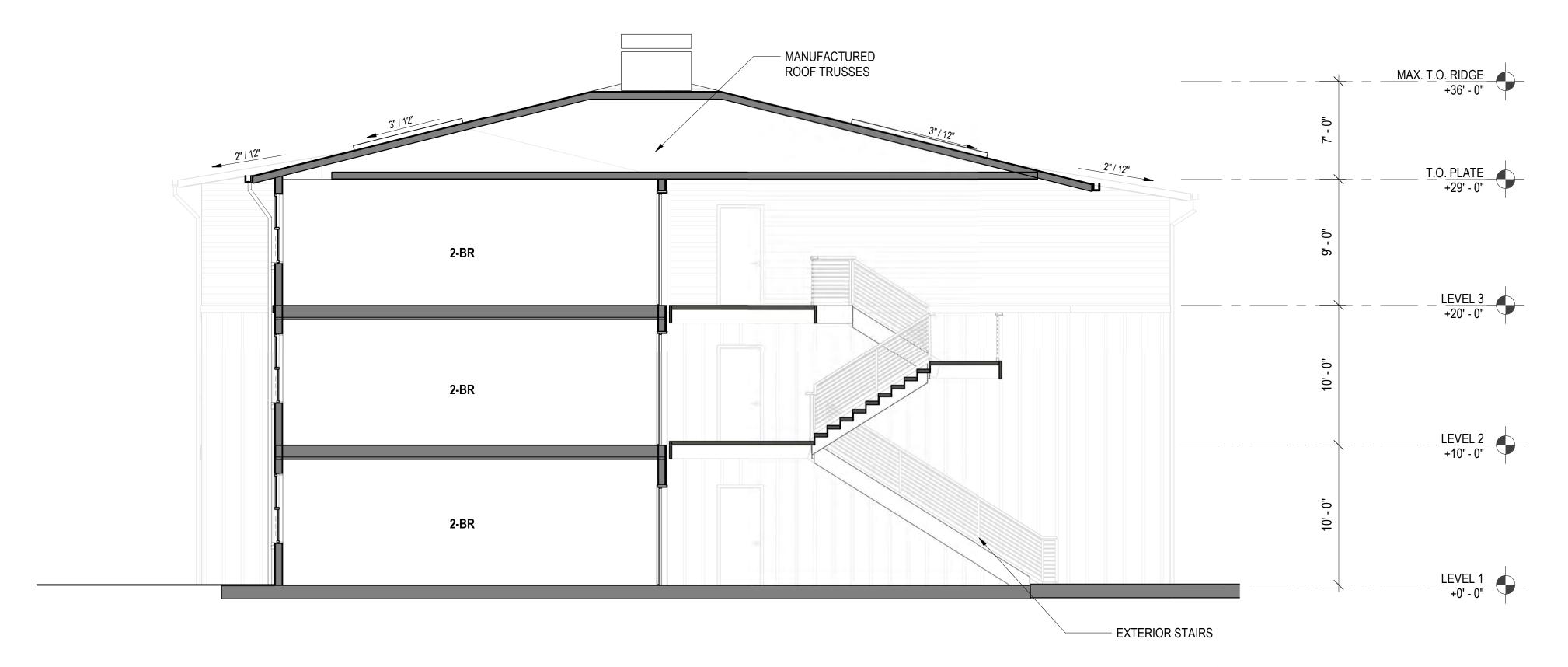
Checker

5/14/2025

PRELIMINARY - Not for Construction -

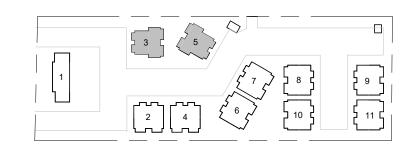


BUILDING SECTION - BUILDING 3 - SECTION 2
3/16" = 1'-0"



BUILDING SECTION - BUILDING 3 - SECTION 1
3/16" = 1'-0"
2

KEY PLAN



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 JE DATE:
 5/14/2025

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

TITLE:

BUILDING SECTIONS - BUILDING 3 (BUILDING 5. SIM.)

A3_22

PRELIMINARY - Not for Construction -



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- COAT

HOOKS

- 9" DEEP SHELVES

ENTRY

2 BEDROOM (2 BATH) AREA = 849 SQ. FT.

BALCONY AREA = 150 SQ. FT.

6' - 1"

4' - 3 1/2"

UNIT PLAN - 2-BR - ADAPTABLE (UPPER FLOORS, SIM.)

1/4" = 1'-0"

SR, KWS KM, KWS 5/14/2025 SCALE: 1/4" = 1'-0"

2420

TITLE: UNIT PLANS

A4.00

PRELIMINARY - Not for Construction -

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UNIT PLAN - STUDIO - ADAPTABLE (UPPER FLOORS, SIM.)
1/4" = 1'-0"

12" D. SHELVES

REFRIGERANT

CLOSET

STUDIO (1 BATH) AREA = 625 SQ FT.

BALCONY AREA = 80 SQ. FT.

4' - 4" 3' - 5 1/2" 3' - 11 1/2"

UNIT PLAN - 1BR - ADAPTABLE (UPPER FLOORS, SIM.)
1/4" = 1'-0"

9' - 3 1/2"

— 12" D. SHELVES

REFRIGERANT

SHAFT

11' - 11 1/2"

- 12" D. SHELVES

- REFRIGERANT

11' - 1"

SHAFT

9' - 8"

CLOSET

5' - 2 1/2"

1 BEDROOM (1 BATH) AREA = 712 SQ. FT.

BALCONY AREA = 92 SQ. FT.