

SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use

Exhibit A - Aerial Map



677 Pleasant Valley Road | APN 097-010-067

Disclaimer: Parcel boundaries in this map are illustrative only and not considered the legal boundary.

Map created on July 31, 2025.



0 100 200 Feet

Legend

Roads

- MAJOR
- MINOR

SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use

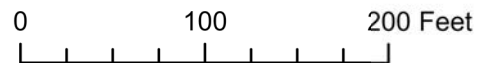
Exhibit B - Land Use Map



677 Pleasant Valley Road | APN 097-010-067

Disclaimer: Parcel boundaries in this map are illustrative only and not considered the legal boundary.

Map created on July 31, 2025.



Legend

Land Use Designations

- Commercial (C)
- High Density Residential (HDR)
- Medium Density Residential (MDR)
- Multi-Family Residential (MFR)

Parcel Lines

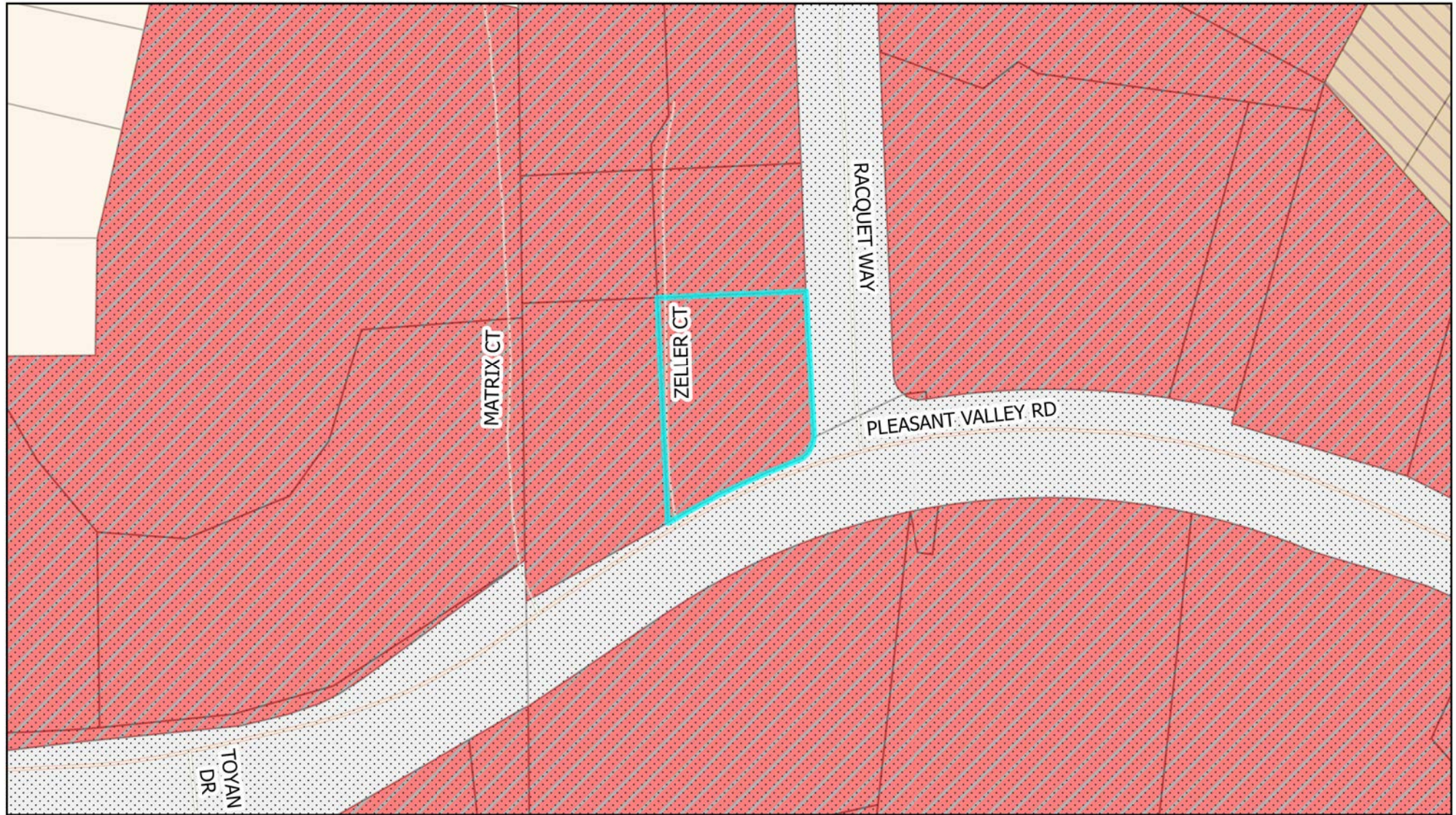
- Parcel Lines

Roads

- MAJOR
- MINOR

SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use

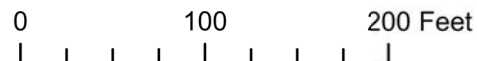
Exhibit C - Zoning Map



677 Pleasant Valley Road | APN 097-010-067

Disclaimer: Parcel boundaries in this map are illustrative only and not considered the legal boundary.

Map created on July 31, 2025.



Legend

Zoning Designations

- CM = Commercial Mainstreet
- RM = Residential Multi-Unit
- R1A = Residential 1 Acre
- TC = Transportation Corridor

Parcel Lines

- Parcel Lines

Roads

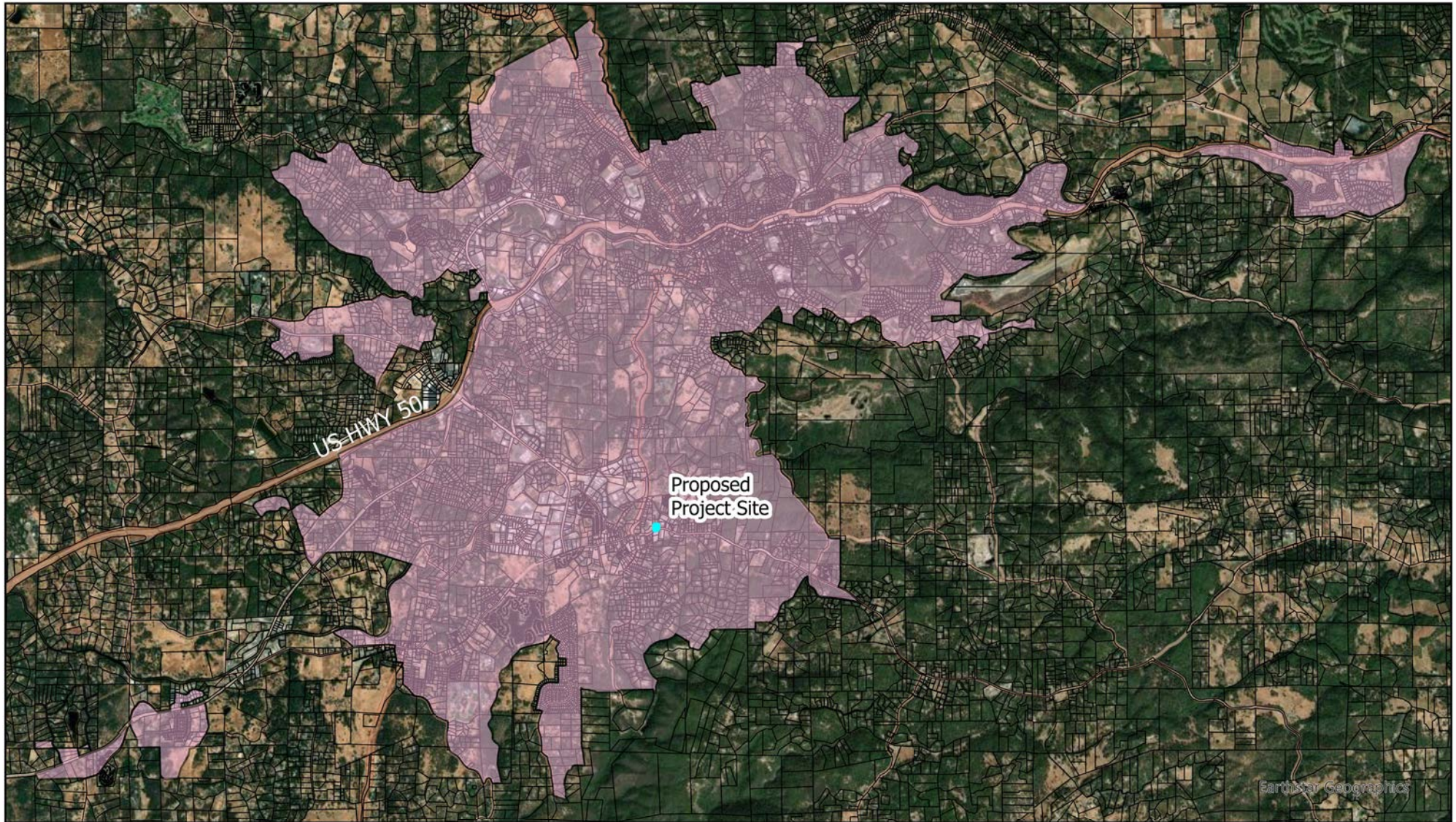
- MAJOR
- MINOR

Design Review - Historic overlay

- Design Review - Historic overlay (DH)

SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use

Exhibit D - Placerville-Diamond Springs Urban Area Map



Disclaimer: Parcel boundaries in this map are illustrative only and not considered the legal boundary.

Map created on July 23, 2025.



0 1 2 Miles

Legend

UrbanArea_2020

UrbanArea_2020

Roads

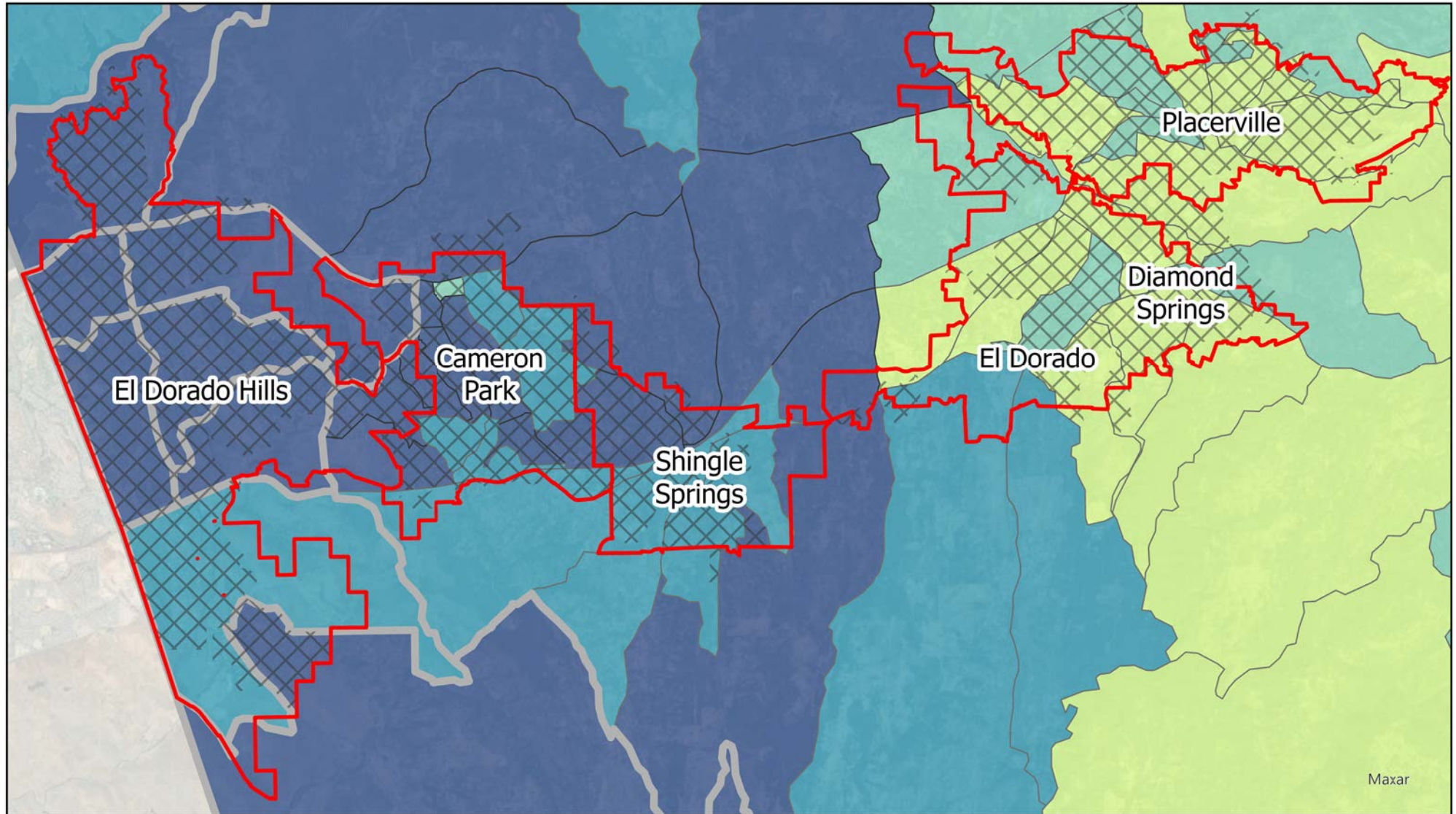
HIGHWAY

MAJOR

Parcel Lines

Parcel Lines

SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use
Exhibit E - Opportunity Map for Community Regions



677 Pleasant Valley Road | APN 097-010-067



0 2 4 Miles

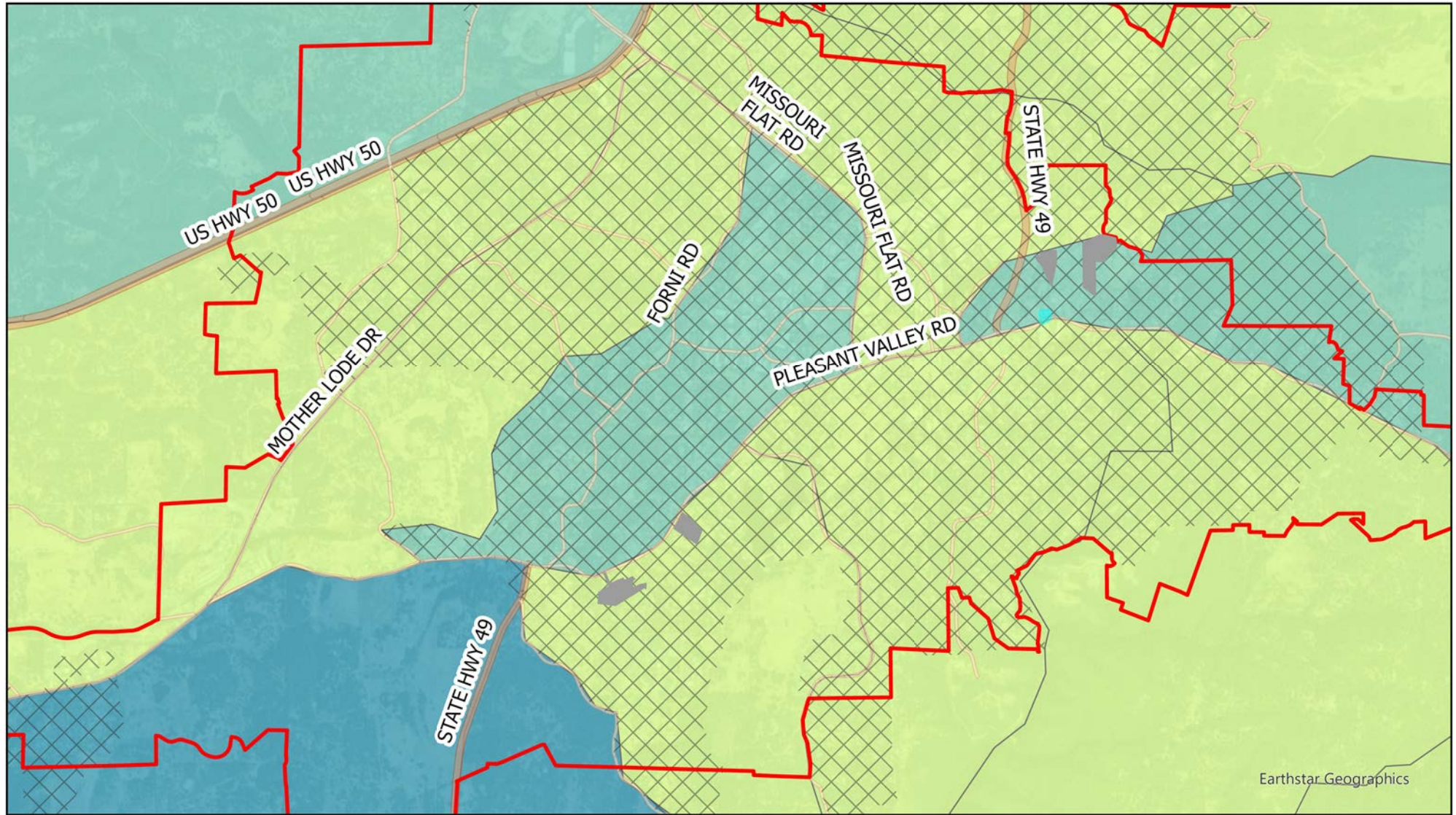
Legend

- | | |
|--------------------------------------|----------------|
| Community Region | UrbanArea_2020 |
| Community Region | UrbanArea_2020 |
| CTCAC_HCD Opportunity Capital Region | |
| Highest Resource | Capital Region |
| High Resource | |
| Moderate Resource | |
| Low Resource | |

Map created on July 31, 2025.

SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use

Exhibit F - Affordable Housing Projects in El Dorado Diamond Springs Community Region



677 Pleasant Valley Road | APN 097-010-067



0 0.5 1 Miles

Legend

CTCAC_HCD Opportunity

- High Resource
- Moderate Resource
- Low Resource

Community Region

- Community Region

UrbanArea_2020

- UrbanArea_2020
- Proposed SB 35 Project

- Approved Affordable Housing Projects

Roads

- HIGHWAY
- MAJOR

Map created on July 31, 2025.

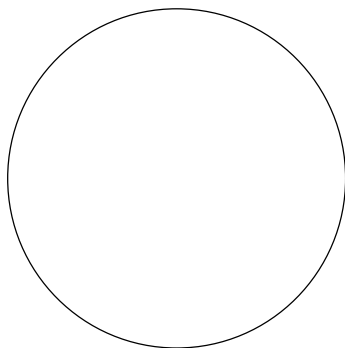
APARTMENTS




PREMIER DESIGN
3941 PARK DRIVE STE20-568
EL DORADO HILLS, CA 95672
PHONE:(916)743-0123 FAX:(866)631-1424
EMAIL:PREMIERDESIGN@YMAIL.COM
WEB:PRMIERDESIGNONLINE.COM

Chf A

CONSULTANTS



APARTMENTS

CODE DIRECTORY			HERS FEATURES SUMMARY	DESIGN CRITERIA	PROJECT TEAM	SHEET INDEX		PROJECT DATA																																
1.	CALIFORNIA RESIDENTIAL CODE		2022 EDITION	<ul style="list-style-type: none">• QUALITY INSULATION INSTALLATION (QII)• INDOOR AIR QUALITY VENTILATION• KITCHEN RANGE HOOD• MINIMUM AIRFLOW• VERIFIED EER/EER2• VERIFIED SEER/SEER2• VERIFIED REFRIGERANT CHARGE• FAN EFFICACY WATTS/CFM• VERIFIED HSPF• VERIFIED HEAT PUMP RATED HEATING CAPACITY• DUCT LEAKAGE TESTING• DUCTS LOCATED ENTIRELY IN CONDITIONED SPACE• CONFIRMED BY DUCT LEAKAGE TESTING• COMPACT DISTRIBUTION SYSTEM EXPANDED CREDIT• DRAIN WATER HEAT RECOVERY SYSTEM	<p>OCCUPANCY CATEGORY II</p> <p>IMPORTANCE FACTOR 1.0</p> <p>ROOF DEAD LOAD 12PSF</p> <p>ROOF LIVE LOAD 20 PSF</p> <p>SNOW LOAD (PS) N/A</p> <p>FLOOR LIVE LOAD 40PSF</p> <p>WALL DEAD LOAD 15PSF</p> <p>LATITUDE 38.646</p> <p>LONGITUDE -121.274</p> <p>SS .442</p> <p>S1 .221</p> <p>R 6.5</p> <p>CS .0704</p> <p>SITE CLASS D</p> <p>SEISMIC BASE SHEAR .48K</p> <p>SDC D</p> <p>BASIC WIND SPEED 110 MPH</p> <p>WIND CATEGORY II</p> <p>WIND EXPOSURE C</p> <p>SOIL BEARING CAPACITY =1500 PSF</p>	<p>DESIGNER:</p> <p>PREMIER DESIGN 3941 PARK DRIVE STE20-568 EL DORADO HILLS, CA 95672 PHONE (916)743-0123 FAX: (866)631-1424</p> <p>TITLE 24:</p> <p>3941 PARK DRIVE STE20-568 EL DORADO HILLS, CA 95672 PHONE (916)743-0123 FAX: (866)631-1424</p> <p>ENGINEER IN RECORD</p> <p>CSI ENGINEERING 2795 EAST BIDWELL ST #100-348 FOLSOM, CA 95630 (707) 372-6634 WWW.CSIENG.COM</p>	<table><tr><th>ID</th><th>NAME</th></tr><tr><td>A-001</td><td>COVER PAGE</td></tr><tr><td>A-005</td><td>SITE PLAN</td></tr><tr><td>A-006</td><td>LANDSCAPE PLAN</td></tr><tr><td>C1</td><td>COVER SHEET</td></tr><tr><td>C2</td><td>NOTES</td></tr><tr><td>C3</td><td>GRADING & DRAINAGE PLAN</td></tr><tr><td>C4</td><td>EROSION AND SEDIMENTATION CONTROL PLAN</td></tr><tr><td>C5</td><td>UTILITY PLAN</td></tr><tr><td>C6</td><td>DETAILS</td></tr><tr><td>A-1.1</td><td>EXISTING FLOOR PLAN</td></tr><tr><td>A-1.2</td><td>FLOOR PLANS</td></tr><tr><td>A-1.3</td><td>FLOOR PLANS</td></tr><tr><td>A-2.1</td><td>ELEVATION</td></tr><tr><td>A-2.2</td><td>ELEVATION</td></tr><tr><td>A-2.3</td><td>ELEVATION</td></tr></table>	ID	NAME	A-001	COVER PAGE	A-005	SITE PLAN	A-006	LANDSCAPE PLAN	C1	COVER SHEET	C2	NOTES	C3	GRADING & DRAINAGE PLAN	C4	EROSION AND SEDIMENTATION CONTROL PLAN	C5	UTILITY PLAN	C6	DETAILS	A-1.1	EXISTING FLOOR PLAN	A-1.2	FLOOR PLANS	A-1.3	FLOOR PLANS	A-2.1	ELEVATION	A-2.2	ELEVATION	A-2.3	ELEVATION	EXISTING DWELLING ----- 4000 SQ.FT. (E) UNIT 1 ----- 1000 SF (E) UNIT 2 ----- 1000 SF (E) UNIT 3 ----- 1000 SF (E) UNIT 4 ----- 1000 SF NEW APARTMENTS ----- 8127 SQ.FT. 2ND FLOOR UNIT A ----- 509 SF 3RD FLOOR UNIT A ----- 509 SF 2ND FLOOR UNIT B ----- 507 SF 3RD FLOOR UNIT B ----- 507 SF 2ND FLOOR UNIT C ----- 509 SF 3RD FLOOR UNIT C ----- 509 SF 2ND FLOOR UNIT D ----- 507 SF 3RD FLOOR UNIT D ----- 507 SF 2ND FLOOR UNIT E ----- 509 SF 3RD FLOOR UNIT E ----- 509 SF 2ND FLOOR UNIT F ----- 507 SF 3RD FLOOR UNIT F ----- 507 SF 2ND FLOOR UNIT G ----- 509 SF 3RD FLOOR UNIT G ----- 509 SF 2ND FLOOR UNIT H ----- 507 SF 3RD FLOOR UNIT H ----- 507 SF LOT SIZE ----- 16020 SQ.FT.
	ID	NAME																																						
	A-001	COVER PAGE																																						
	A-005	SITE PLAN																																						
	A-006	LANDSCAPE PLAN																																						
C1	COVER SHEET																																							
C2	NOTES																																							
C3	GRADING & DRAINAGE PLAN																																							
C4	EROSION AND SEDIMENTATION CONTROL PLAN																																							
C5	UTILITY PLAN																																							
C6	DETAILS																																							
A-1.1	EXISTING FLOOR PLAN																																							
A-1.2	FLOOR PLANS																																							
A-1.3	FLOOR PLANS																																							
A-2.1	ELEVATION																																							
A-2.2	ELEVATION																																							
A-2.3	ELEVATION																																							
2.	THESE DRAWINGS ARE THE PROPERTY OF PREMIER DESIGN. ALL DESIGN AND OTHER INFORMATION ON THE DRAWINGS ARE FOR USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USE. OTHERWISE WITHOUT WRITTEN PERMISSION OF PREMIER DESIGN. COPYRIGHT, 2004. PREMIER DESIGN. ALL RIGHT RESERVED							<p>SCOPE OF WORK</p> <p>SCOPE OF WORK IS LIMITED TO CONSTRUCTION OF 2 FLOORS OF 16 APARTMENTS IN TOTAL, 8 OF 507 SQ.FT. AND 8 OF 509 SQ.FT. WITH 1 BEDROOM AND 1 BATHROOM EACH, ON AN EXISTING STRUCTURE OF 4000 SQ.FT.</p> <p>THREE STORY</p> <p>16 BEDROOM; 16 BATHROOM;</p>																																
	OCCUPANCY TYPE A-2 CONSTRUCTION TYPE V																																							
	FIRE SPRINKLES-----YES																																							
	ZONING: R-1 - MULTI-FAMILY																																							

677 PLEASANT VALLEY RD
DIAMOND SPRINGS, CA
95619

APN: 097-010-067

OWNER'S INFORMATION

NAME: RUSSELL ENYART
PHONE: (916)524-9733
EMAIL: russell@enarthomes.com

MARK	DATE	DESCRIPTION
------	------	-------------

PROJECT NO:
REVISION DATE:
DRAWN BY: ANDREY GINZBURG
CHK'D BY:
COPYRIGHT:

SHEET TITLE

COVER PAGE

A-001

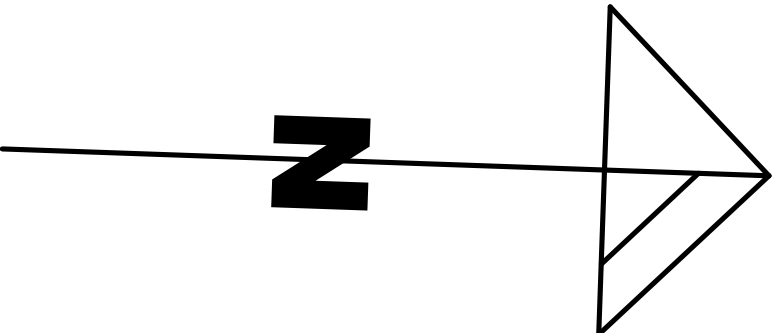
ABBREVIATIONS															
L	ANGEL	DBL	DOUBLE	FLSH	FLASHING	LCKR	LOCKER	REQ	REQUIRED	TYP	TYPICAL				
@	AT	DEPT	DEPARTMENT	FLUOR	FLUORESCENT	LT	LIGHT	RM	ROOM	UNF	UNFINISHED				
#	POUND OR NUMBER	DET	DETAIL	F.O.C.	FACE OF CONCRETE	LT	LIGHT	RWD	RED WOOD	VER	VERTICAL				
A.D.R.	AREA DRAIN	DIA	DIAMETER	F.O.F.	FACE OF FINISH	MAX	MAXIMUM	S	SOUTH	W	WEST				
AGGR	AGGREGATE	DIM	DIMENSION	F.O.M.	FACE OF MASONRY	MECH	MECHANICAL	S.C.	SOLID CORE	W	WITH				
AL	ALUMINUM	DISP	DISPOSAL	F.O.S.	FACE OF STUDS	MEMB	MEMBRANE	SCHED	SCHEDULE	W.C.	WATER CLOSET				
APPROX	APPROXIMATE	DWN	DOWN	F.O.P.B.	FACE OF POST/BEAM	MET	METAL	SECT	SECTION	WD	WOOD				
ARCH	ARCHITECTURAL	D.OPNG	DOOR OPENING	FP	FIREPROOF	MFR	MANUFACTURER	SH	SINGLE HUNG	W/O	WITHOUT				
ASPH	ASPHALT	DR	DOOR	F.S.	FULL SIZE	MIN	MINIMUM	SHR	SHOWER	WP	WATERPROOF				
BD	BOARD	D.S.P	DRY STANDPIPE	FTG	FOOTING	MIR	MIRROR	SHT	SHEET	WSCOT	WAINSCOT				
BLDG	BUILDING	DWG	DRAWING	FTR	FUTURE	N	NORTH	SIM	SIMILAR	WT	WEIGHT				
BLK	BLOCK	E	EAST	FTG	FOOT OR FEET	NO.OR #	NUMBER	SPEC	SPECIFICATION						
BLKNG	BLOCKING	EA	EACH	GA	GAUGE	NOM	NOMINAL	SO	SQUARE						
BM	BEAM	E.J.	EXPANSION JOINT	GALV	GALVANIZED	N.T.S.	NOT TO SCALE	S.S.	STAINLESS STEEL						
BT	BOTTOM	GL	ELEVATION	GL	GLASS	O.A.	OVERALL	STND	STANDARD						
CAB	CABINET	E.P.	ELECTRICAL PANEL	GR	GRADE	O.C.	ON CENTER	STL	STEEL						
CEM	CEMENT	EQ	EQUAL	GYP	GYPSUM	O.DIA	OUT SIDE DIAMETER	STOR	STORAGE						
CER	CERAMIC	EQPT	EQUIPMENT	HDWD	HARDWOOD	OFF	OFFICE	SYN	SYMMETRICAL						
CLG	CEILING	E.W.C	ELECTRICAL WATER	HDWE	HARDWARE	OPP	OPPOSITE	TRD	TREAD						
CLO	CLOSET	COOLER		HORIZ	HORIZONTAL	PL	PLATE	T.B.	TOWER BAR						
CLR	CLEAR	EXIST	EXISTING	HR	HOUR	P. LAM	PLASTIC LAMINATE	T.C.	TOP OF CURB						
COL	COLUMN	EXPO	EXPOSED	HS	HORIZONTAL SLIDER	PLAS	PLASTER	TEL	TELEPHONE						
CONC	CONCRETE	EXT	EXTERIOR	HT	HEIGHT	PR	PAIR	TER	TERRAZZO						
CONN	CONNECTION	F.A	FIRE ALARM	I.DIA	INSIDE DIAMETER	P.T	PRESSURE TREATED	THK	THICK						
CONSTR	CONSTRUCTION	FND	FOUNDATION	IN	INCH	PW	PICTURE WINDOW	T.O.F	TOP OF FRAMING						
CONT	CONTINUOUS	F.DR	FLOOR DRAIN	INSUL	INSULATION	RAD	RADIUS	T.O.P	TOP OF PARAPET						
COR	CORRIDOR	F.F	FINISH FLOOR	INT	INTERIOR	R DR	ROOF DRAIN	T.O.S	TOP OF SHEATHING						
CTSNK	COUNTERSUNK	F.G	FINISH GRADE	JT	JOINT	REF	REFERENCE	T.P	TOP OF PAVEMENT						
CNTR	COUNTER	F.H.C	FIRE HOSE CABINET	KIT	KITCHEN	REFR	REFRIGERATOR	T.V	TELEVISION						
CW	CASEMENT WINDOW	FIN	FINISH	LAM	LAMINATE	REINF	REINFORCED	T.W	TOP OF WALL						
		FL	FLOOR												

VICINITY MAP

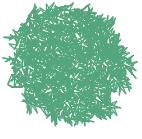
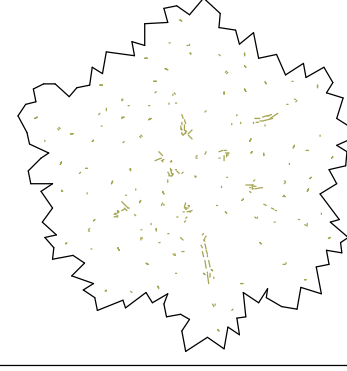
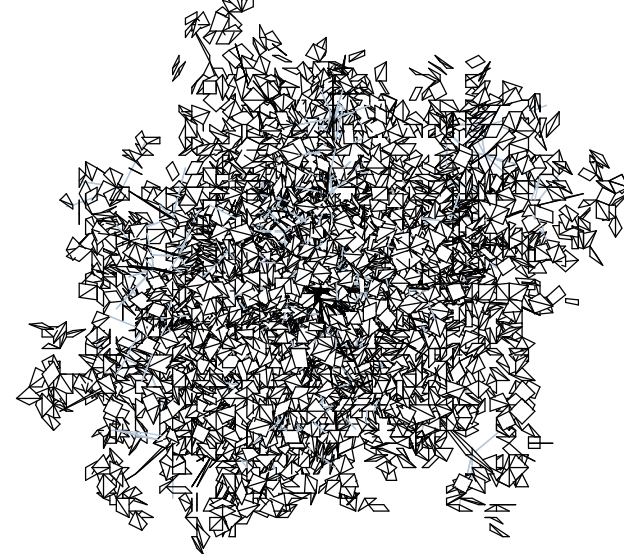


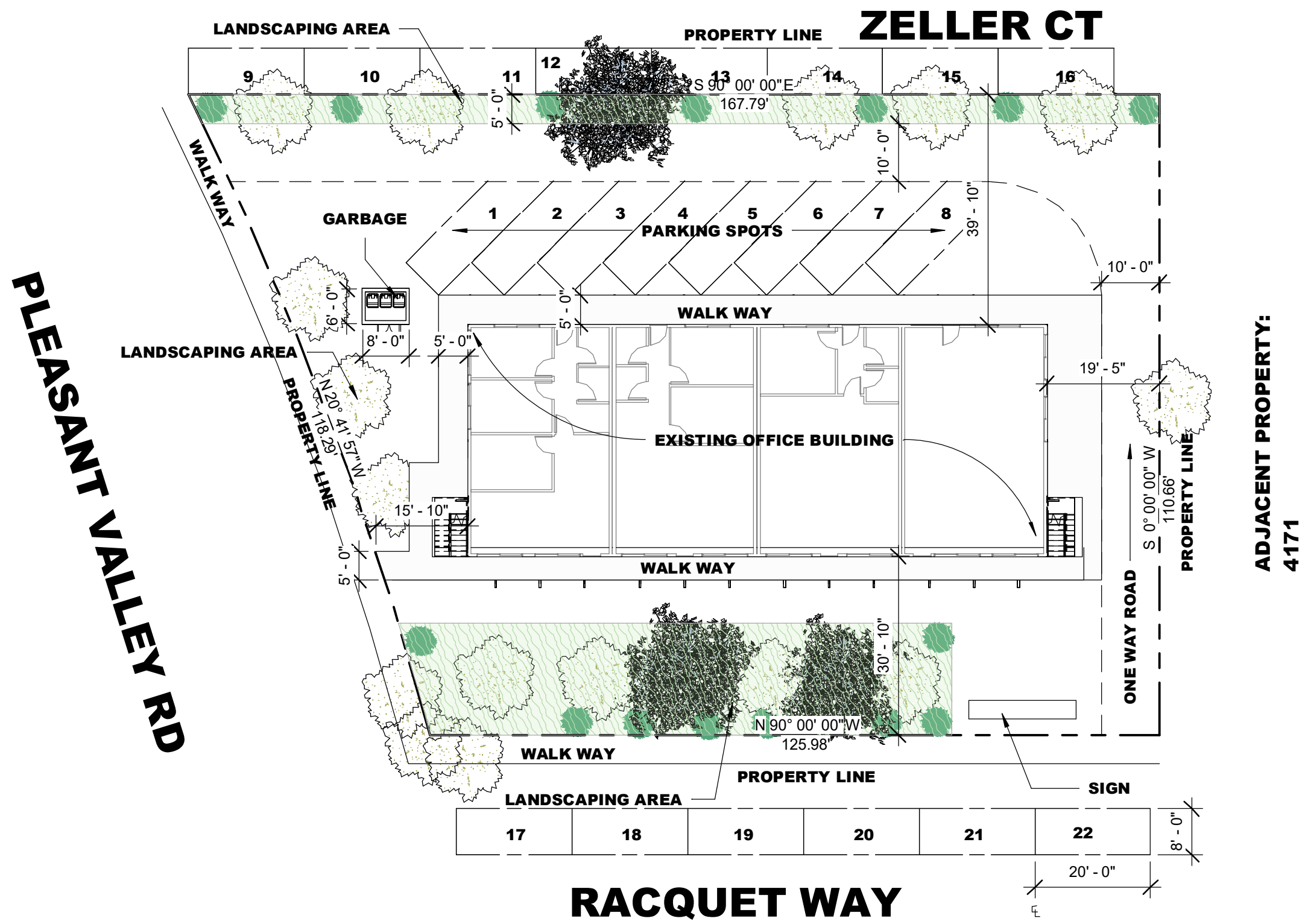
A-005

ADJACENT PROPERTY:
4171



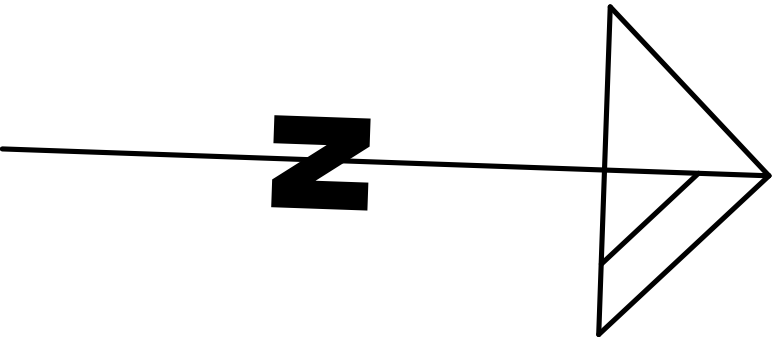
SCALE: 1" = 10'-0"

PLANT LEGEND						
	BOTANICAL TREES		COMMON	SIZE	WATER	QTY
1		ARCTOSTAPHYLOS EMERALD CARPET	GROUNDCOVER MANZANITA	1 GAL	L	16
2		CERCIS OCCIDENTALS	WESTERN REDBUD	15 GAL	L	16
3		QUERCUS DOUGLASII	BLUE OAK	24" BOX	L	3



1 LANDSCAPE PLAN

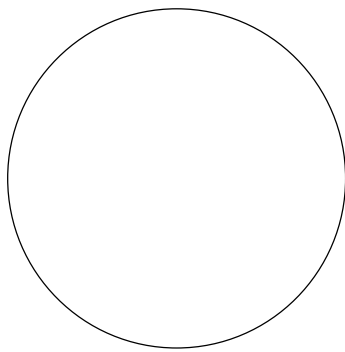
SCALE: 1" = 20'-0"




PREMIER DESIGN
3941 PARK DRIVE STE20-568
EL DORADO HILLS, CA 95672
PHONE: (916) 743-0123 FAX: (866) 631-1424
EMAIL: PREMIERDESIGN@YMAIL.COM
WEB: PRMIERDESIGNONLINE.COM

Chp

CONSULTANTS



APARTMENTS

677 PLEASANT VALLEY RD
DIAMOND SPRINGS, CA
95619

APN: 097-010-067

OWNER'S INFORMATION

NAME: RUSSELL ENYART
PHONE: (916) 524-9733
EMAIL: russell@enyarthomes.com

MARK	DATE	DESCRIPTION
------	------	-------------

PROJECT NO:
REVISION DATE:
DRAWN BY: ANDREY GINZBURG
CHK'D BY:
COPYRIGHT:

SHEET TITLE

LANDSCAPE PLAN

A-006

CIVIL IMPROVEMENT PLANS FOR

677 PLEASANT VALLEY ROAD

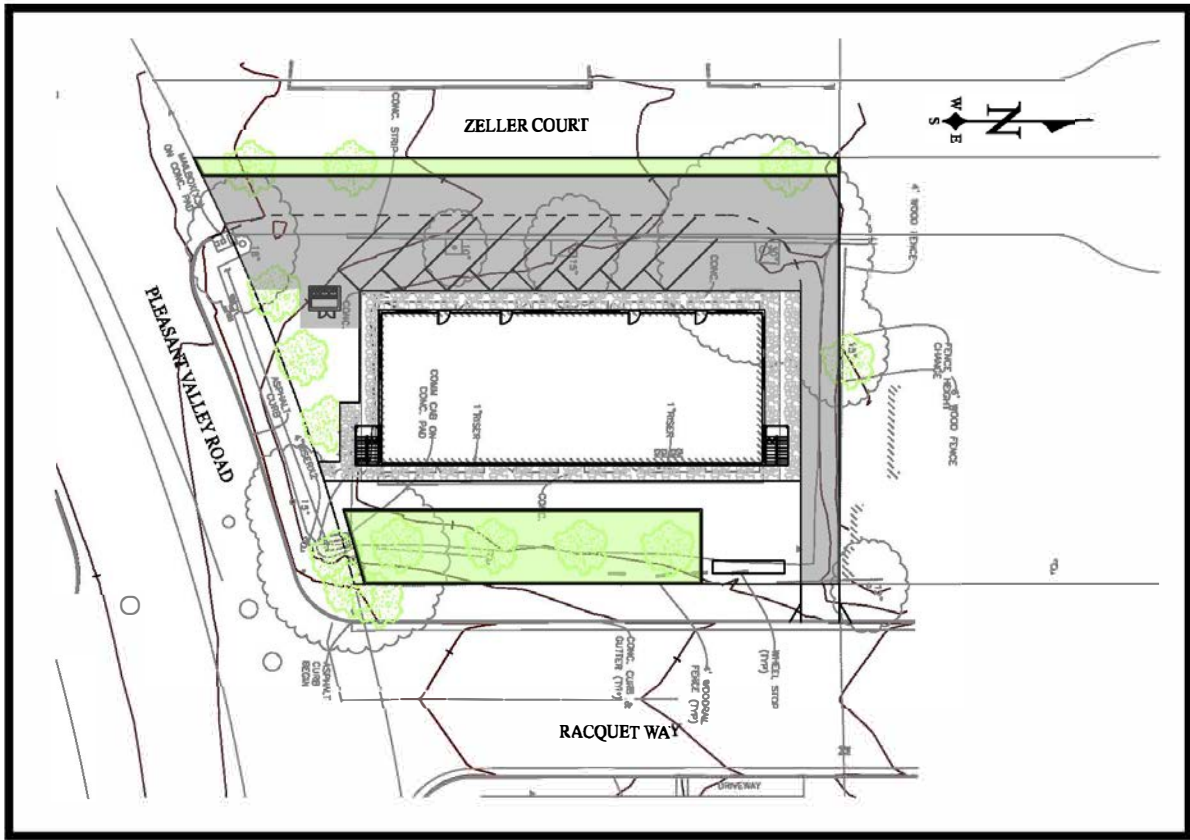
DIAMOND SPRINGS, CA 95619

SYMBOL LEGEND

EXISTING	PROPOSED	CONTRACTOR TO INSTALL STANDARD
SSMH	SSMH	SEWER MANHOLE
SDMH	SDMH	DROP INLET
CATCH BASIN	CATCH BASIN	CATCH BASIN
CURB AND GUTTER	CURB & GUTTER	CURB & GUTTER
CATCH BASIN	WV	WATER VALVE
SIGN	WM	1" WATER SERVICE & CHECK VALVE
SIGN	FH	FIRE HYDRANT ASSEMBLY
WATER VALVE	BO	BLOWOFF ASSEMBLY
POWER POLE WITH GUY	SSCO	CLEANOUT
6" G	CONCRETE	CONCRETE
TELEPHONE	WELL TYPE MONUMENT	WELL TYPE MONUMENT
6" W	SL	70W HPSV STREET LIGHT
85	EROSION CONTROL FILTER	EROSION CONTROL FILTER
TOP/TOE BANK	SD	NEW STORM DRAIN
PROPERTY LINE	WL	NEW WATER LINE
CENTERLINE		

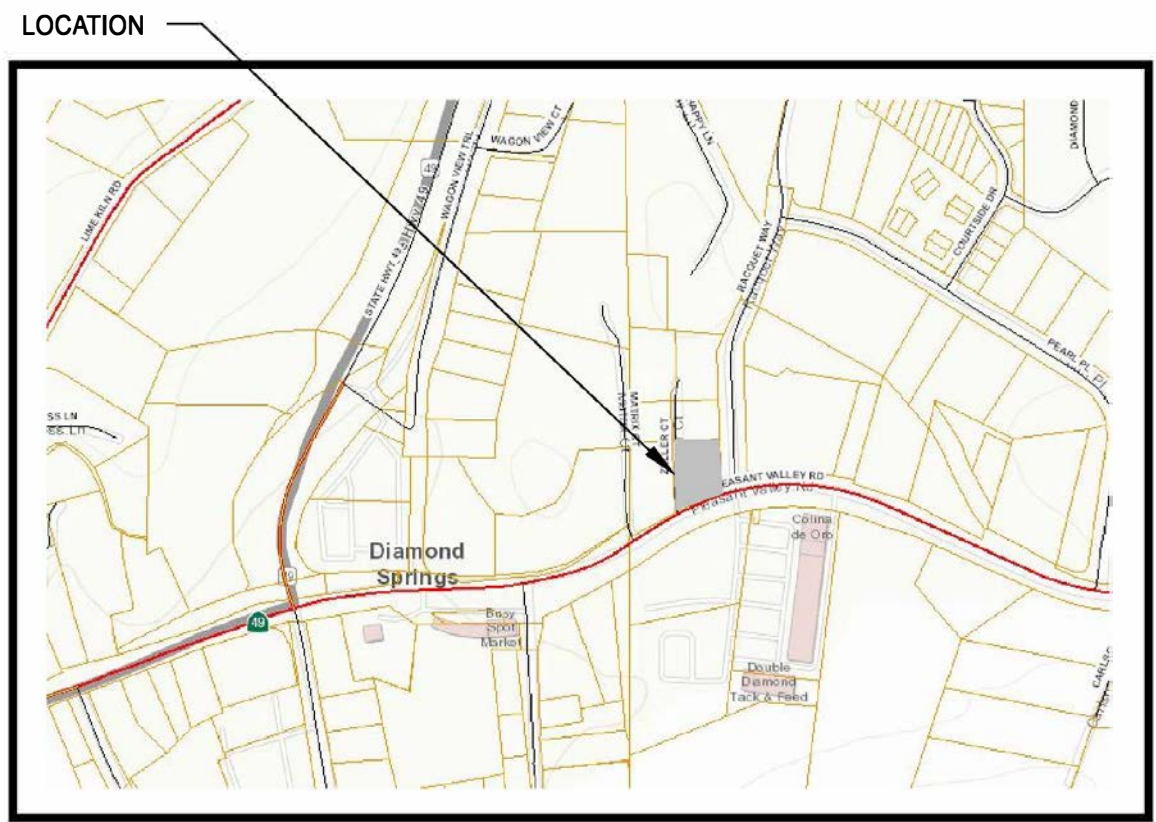
ABBREVIATIONS

AB - AGGREGATE BASE	MAX - MAXIMUM
AC - ASPHALT CONCRETE	MIN - MINIMUM
ARV - AIR RELEASE VALVE	NAPOTS - NOT A PART OF THIS SUBDIVISION
BF - BLIND FLANGE	P - PAD ELEVATION
B/W - BACK OF WALK	PL - PROPERTY LINE
CL - CENTER LINE / CLASS	PP - POWER POLE
CONC - CONCRETE	PVC - POLYVINYLCHLORIDE
CU - COPPER	PVMT - PAVEMENT
DI - DRAIN INLET	R - RADIUS
DIP - DUCTILE IRON PIPE	RIM - RIM ELEVATION
DWY - DRIVEWAY	R/W - RIGHT OF WAY
Ø - DIAMETER	S - SLOPE, SOUTH
EL - ELEVATION	SD - STORM DRAIN
EP - EDGE OF PAVEMENT	SS - SANITARY SEWER
EXISTEX - EXISTING	STD - STANDARD
FF - FINISH FLOOR	SW - SIDEWALK
FL - FLOWLINE	TB - TOP OF BANK
FG - FINISH GRADE	TC - TOP OF CURB
FH - FIRE HYDRANT	TCD - THROUGH CURB DRAIN
FOC - FACE OF CURB	TF - TOP OF FOOTING
GB - GRADE BREAK	TW - TOP OF WALL
GR - GRATE ELEVATION	TYP - TYPICAL
HP - HIGH POINT	UE - UNDERGROUND ELECTRICAL
IE - INVERT ELEVATION	UG - UNDERGROUND GAS
INV - INVERT	UT-UNDERGROUND TELEPHONE
L - LENGTH	W - WATER MAIN
LP - LOW POINT	WM - WATER METER / MAIN
	WS - WATER SERVICE



SITE PLAN

SCALE: 1" = 50'



LOCATION MAP

NTS

OWNER

JANET M. BORDGES, AS SURVIVING TRUSTEE OF THE
GERALD L. BORDGES AND JANET M. BORDGES REVOCABLE
LIVING TRUST OF 2007

LEGAL DECRPTION:

PARCEL C, AS SAID PARCEL IS DESIGNATED AND SO DELINEATED IN THAT
CERTAIN PARCEL MAP ENTITLED "PORTION N.W.¼ SECTION 30, T. 10N., R.11,
MDM," FILED JANUARY 14, 1976, IN THE OFFICE OF THE COUNTY
RECORDER OF SAID COUNTY IN BOOOK 9 OF PARCEL MAPS, AT PAGE 138

BASIS OF BEARINGS & DATUM

UTILIZING OPUS CORRECTED GPS COORDINATES, THE BEARINGS SHOWN
ON THIS SURVEY ARE BASED UPON THE NORTH AMERICAN DATUM OF
1983 (NAD83), CALIFORNIA STATE PLANE ZONE 3 AND THE ELEVATIONS
SHOWNON THIS SURVEY ARE BASED UPON THE NORTH AMERICAN
VERTICAL DATUM OF 1988 (NAVD88).

SURVEY NOTE

BOUNDARY & TOPOGRAPHY ARE BASED ON SURVEY BY SOUSA LAND
SURVEYS, VACAVILLE, CA, DATED 4/11/2025

EARTH WORK QUANTITIES

CUT: 65.0 CU YDS
FILL: 13 CU YDS
EXPORT: 52CU YDS
IMPORT: 0 CU YDS

NOTE: EARTHWORK QUANTITIES SHOWN ARE
APPROXIMATE. IT SHALL BE THE CONTRACTOR'S
RESPONSIBILITY TO INDEPENDENTLY ESTIMATE
QUANTITIES FOR HIS/HER OWN USE.

EL DORADO COUNTY

APPROVED BY: _____ DATE _____

SHEET INDEX

C1 COVER SHEET
C2 NOTES
C3 GRADING & DRAINAGE PLAN
C4 EROSION & SEDIMENT CONTROL PLAN
C5 UTILITY PLAN
C6 DETAILS

FEMA NOTE

THE SUBJECT PROPERTY IS LOCATED IN ZONE "X" (AREA OF MINIMAL
FLOOD HAZARD) PER FEMA MAP #060040



El Dorado
COUNTY



Date: April 28, 2025
Scale: As Noted
Designed: LA
Drawn: LA
Checked: LA
Proj. Engr: LA
File: 25-27

Plans Prepared By:



CSI Engineering
2795 East Bidwell St #100-348
Folsom, CA 95630
(707) 372-6634
www.csieng.com



677 PLEASANT VALLEY ROAD, EL DORADO HILLS, CA 95619

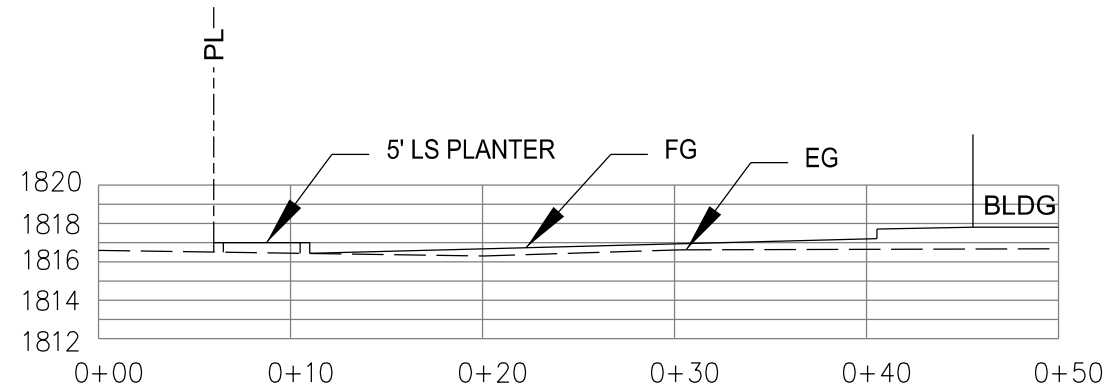
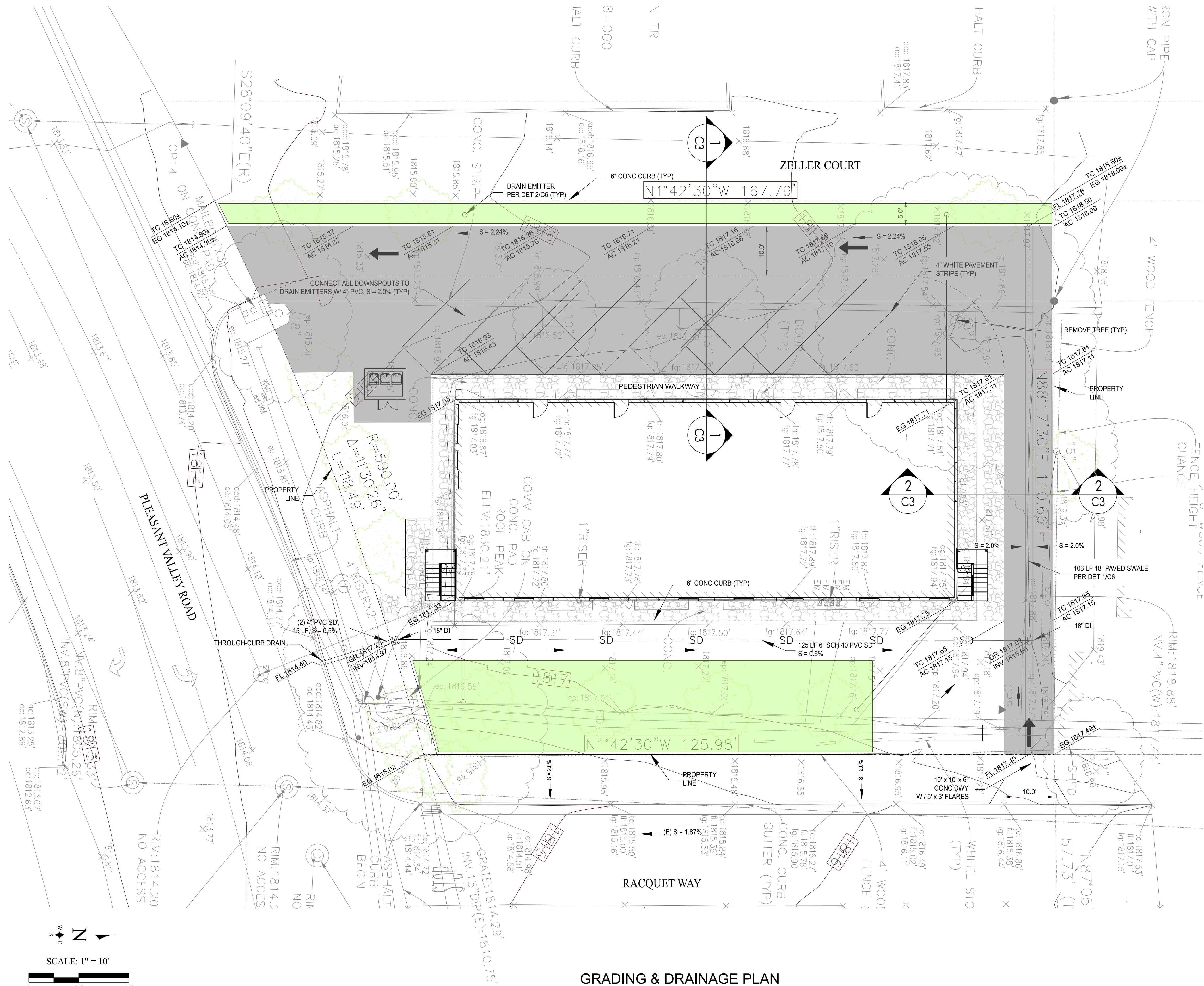
COVER SHEET

SHEET

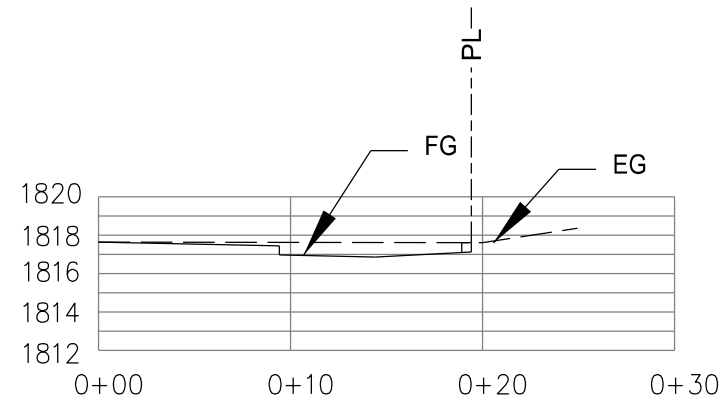
C1

1 OF 6 SHEETS

APN 097-010-067



1 CROSS SECTION
C3 SCALE: 1" = 10' (HORIZ)
1" = 10' (VERT)



2 CROSS SECTION
C3 SCALE: 1" = 10' (HORIZ)
1" = 10' (VERT)

REMOVE (E) PAVEMENT & DISPOSE OFFSITE
COMPACT SUBGRADE TO 90% DENSITY
PAVE W/ 2" AC / 6" CL 2 AB

GRADING LEGEND

- AC Asphalt Concrete
- BVC Begin Vertical Curve
- BW Bottom of Wall
- B/W Back of Walk
- CONC Concrete
- DI Drain Inlet
- DS Downspout
- DW Driveway
- (E) Existing
- EG Existing Grade
- EP Edge of Pavement
- EVC End Vertical Curve
- FF Finish Floor
- FG Finish Grade
- FL Flowline (of Gutter)
- GR Grate Elevation
- HP High Point
- INV Invert Elevation
- LF Linear Feet
- (N) New
- PL Property Line
- PVI Point of Vertical Intersection
- RG Rough Grade
- RW Retaining Wall
- S Slope
- SD Storm Drain
- TC Top of Curb



SCALE: 1" = 10'

IF PHYSICAL DISTANCE ACROSS SCALE
BAR IS NOT EXACTLY TWO (2) INCHES,
ADJUST SCALE ACCORDINGLY.

GRADING & DRAINAGE PLAN

SCALE: 1" = 10'



Date: April 28, 2025
Scale: 1" = 10'
Designed: LA
Drawn: LA
Checked: LA
Proj. Engr: LA
File: 25-27



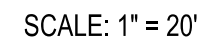
Plans Prepared By:
CSI Engineering
2795 East Bidwell St #100-348
Folsom, CA 95630
(707) 372-6634
www.csieng.com



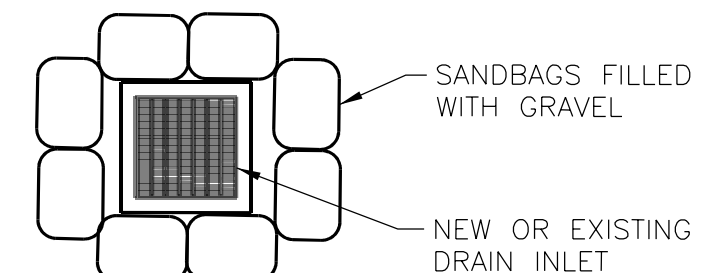
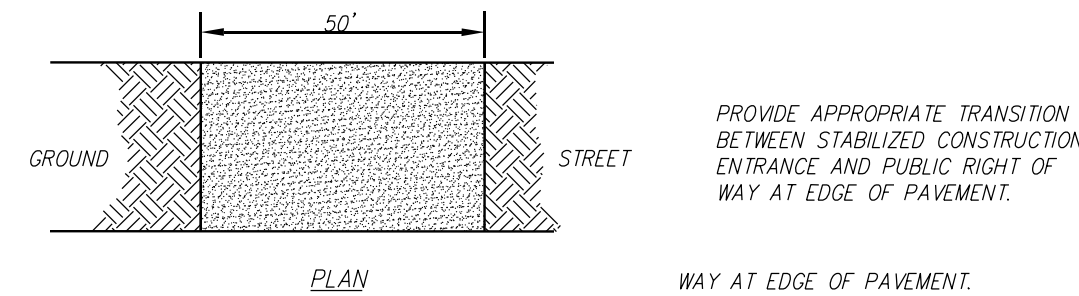
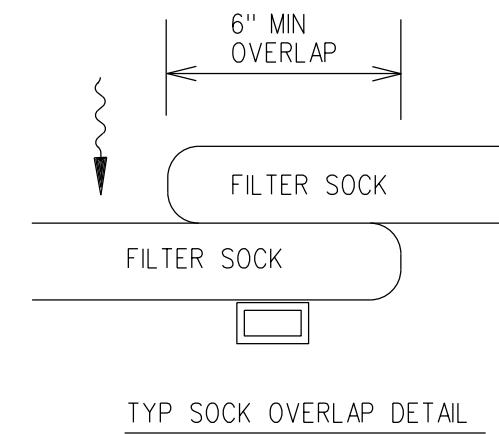
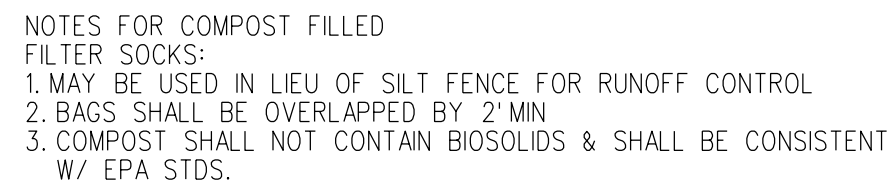
677 PLEASANT VALLEY ROAD, EL DORADO HILLS, CA 95619

GRADING & DRAINAGE PLAN

SHEET
C3
3 OF 6 SHEETS
APN 097-010-067



- 2 DUST SCREEN
C4 NOT TO SCALE



El Dorado
COUNTY

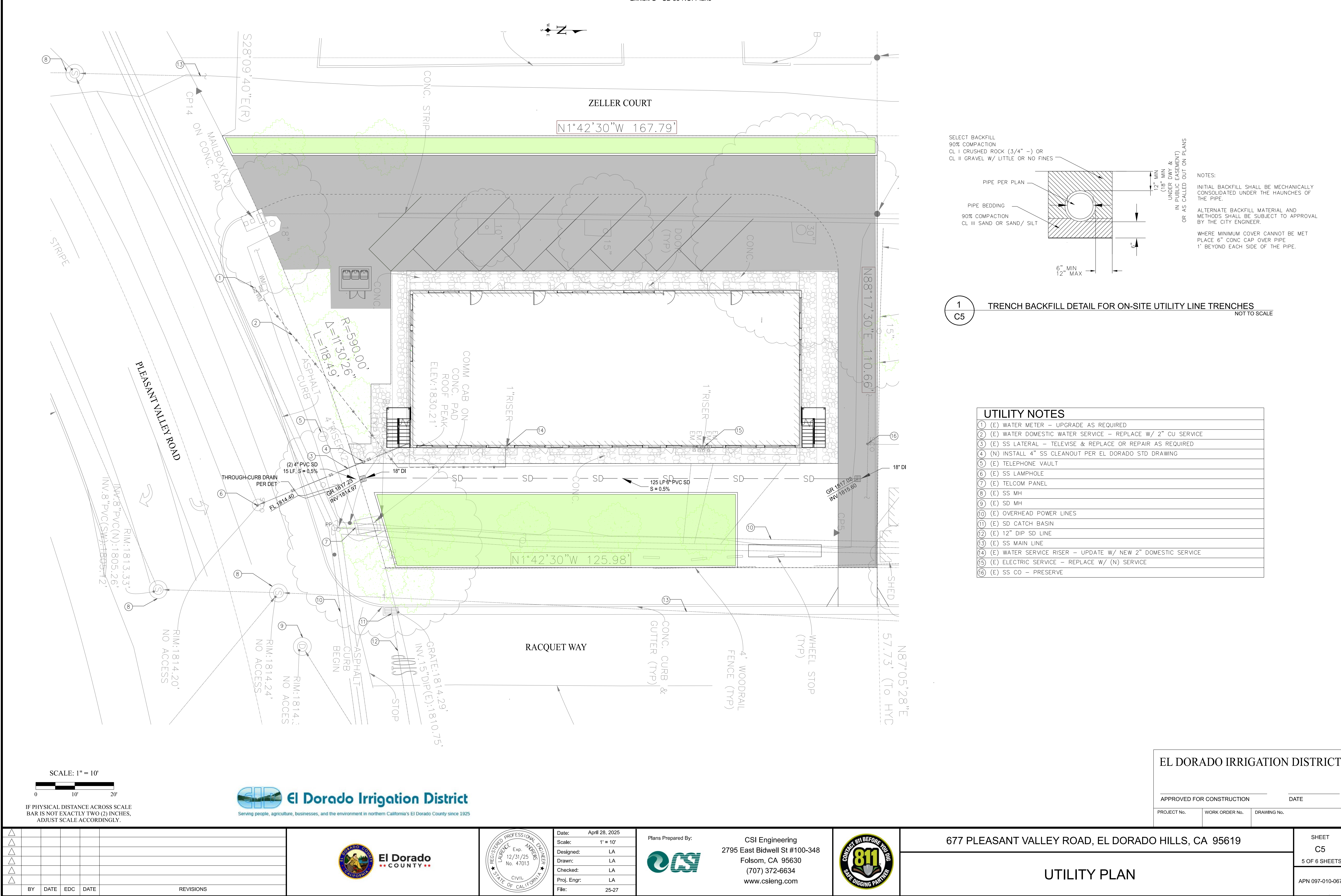


Plans Prepared By:



EROSION AND SEDIMENT CONTROL PLAN

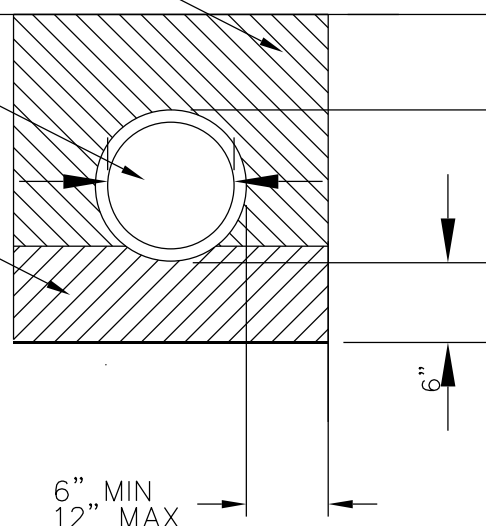
5-1408 B 13 of 48



SELECT BACKFILL
90% COMPACTION
CL I CRUSHED ROCK (3/4" -) OR
CL II GRAVEL W/ LITTLE OR NO FINES

PIPE PER PLAN

PIPE BEDDING
90% COMPACTION
CL III SAND OR SAND/ SILT

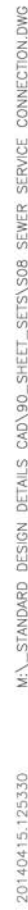
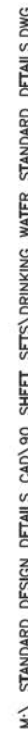


NOTES:
INITIAL BACKFILL SHALL BE MECHANICALLY CONSOLIDATED UNDER THE HAUNCHES OF THE PIPE.
ALTERNATE BACKFILL MATERIAL AND METHODS SHALL BE SUBJECT TO APPROVAL BY THE CITY ENGINEER.
WHERE MINIMUM COVER CANNOT BE MET PLACE 6" CONC. CAP OVER PIPE 1' BEYOND EACH SIDE OF THE PIPE.

1 TRENCH BACKFILL DETAIL FOR ON-SITE UTILITY LINE TRENCHES
C5 NOT TO SCALE

UTILITY NOTES

- ① (E) WATER METER - UPGRADE AS REQUIRED
- ② (E) WATER DOMESTIC WATER SERVICE - REPLACE W/ 2" CU SERVICE
- ③ (E) SS LATERAL - TELEWISE & REPLACE OR REPAIR AS REQUIRED
- ④ (N) INSTALL 4" SS CLEANOUT PER EL DORADO STD DRAWING
- ⑤ (E) TELEPHONE VAULT
- ⑥ (E) SS LAMPPOLE
- ⑦ (E) TELCOM PANEL
- ⑧ (E) SS MH
- ⑨ (E) SD MH
- ⑩ (E) OVERHEAD POWER LINES
- ⑪ (E) SD CATCH BASIN
- ⑫ (E) 12" DIP SD LINE
- ⑬ (E) SS MAIN LINE
- ⑭ (E) WATER SERVICE RISER - UPDATE W/ NEW 2" DOMESTIC SERVICE
- ⑮ (E) ELECTRIC SERVICE - REPLACE W/ (N) SERVICE
- ⑯ (E) SS CO - PRESERVE



6/24/2020



Plans Prepared By:



DETAILS

SHEET
C6
6 OF 6 SHEETS

APN 097-010-067

WINDOW SCHEDULE

MODEL	WIDTH	HEIGHT	OPERATION	MANUF.	HEAD HEIGHT	COMMENTS	QTY.
3050 SH	3' - 0"	5' - 0"	SINGLE HUNG	BY OWNER	6' - 8"		40
2050 SH	2' - 0"	5' - 0"	SINGLE HUNG	BY OWNER	6' - 8"		4
5040 XO	7' - 11"	5' - 0"	SLIDER	BY OWNER	7' - 0"		16

DOOR SCHEDULE

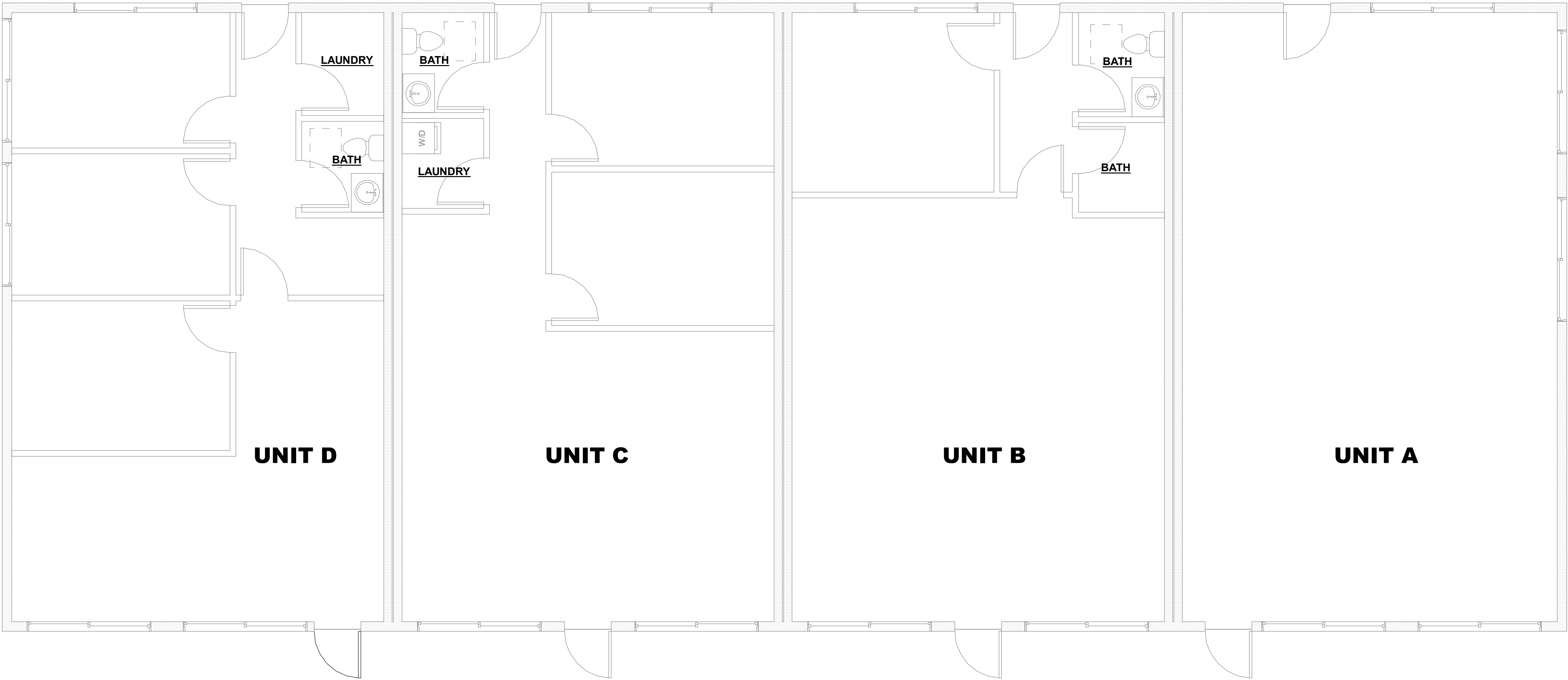
Model	WIDTH	HEIGHT	THICKNESS	OPERATION	MANUF.	NOTES	LOCATION	QTY.
3068	3' - 0"	6' - 8"	0' - 2"	FLUSH DOOR	BY OWNER			78
3668	3' - 6"	6' - 8"	0' - 2"	SLIDER	BY OWNER			16
4050	4' - 0"	5' - 0"	0' - 2"	DOUBLE DOOR	BY OWNER			1

PLUMBING SCHEDULE

MARK:	ITEM:	MANUF:	ITEM#:	DIMENSIONS:	NOTES:	QTY.:
P1	TOILET	BY OWNER	BY OWNER	TOILET - DOMESTIC		16
P2	SINK - VANITY SQUARE	BY OWNER	BY OWNER	24"L x 19"W		16
P3	SINK - KITCHEN DOUBLE	BY OWNER	BY OWNER	33"L x 22"W x 10 1/4"D	FINISH: WHITE	16
P5	SHOWER STALL	BY OWNER	BY OWNER	60" x 34"		16

APPLIANCES AND EQUIPMENT SCHEDULE

MARK:	ITEM:	MANUF:	ITEM #:	DIMENSIONS:	NOTES:	QTY.:
E1	RANGE HOOD	BY OWNER	BY OWNER	30" WIDE		16
E2	RANGE	BY OWNER	BY OWNER	30"L x 26"W		16
E3	REFRIGERATOR	BY OWNER	BY OWNER	24" x 25" LH		16
E4	DISHWASHER	BY OWNER	BY OWNER	24" x 24" x 34"		16
E5	WASHER/DRYER-STACK	BY OWNER	BY OWNER	24" x 28"		16



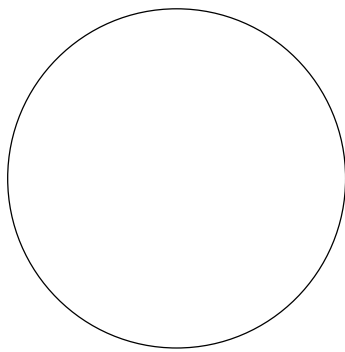
1 EXISTING 1ST FLOOR PLAN

SCALE: 1/4" = 1'-0"



Chp A

CONSULTANTS



APARTMENTS

677 PLEASANT VALLEY RD
DIAMOND SPRINGS, CA
95619

APN: 097-010-067

OWNER'S INFORMATION

NAME: RUSSELL ENYART
PHONE: (916)524-9733
EMAIL: russell@enyarthomes.com

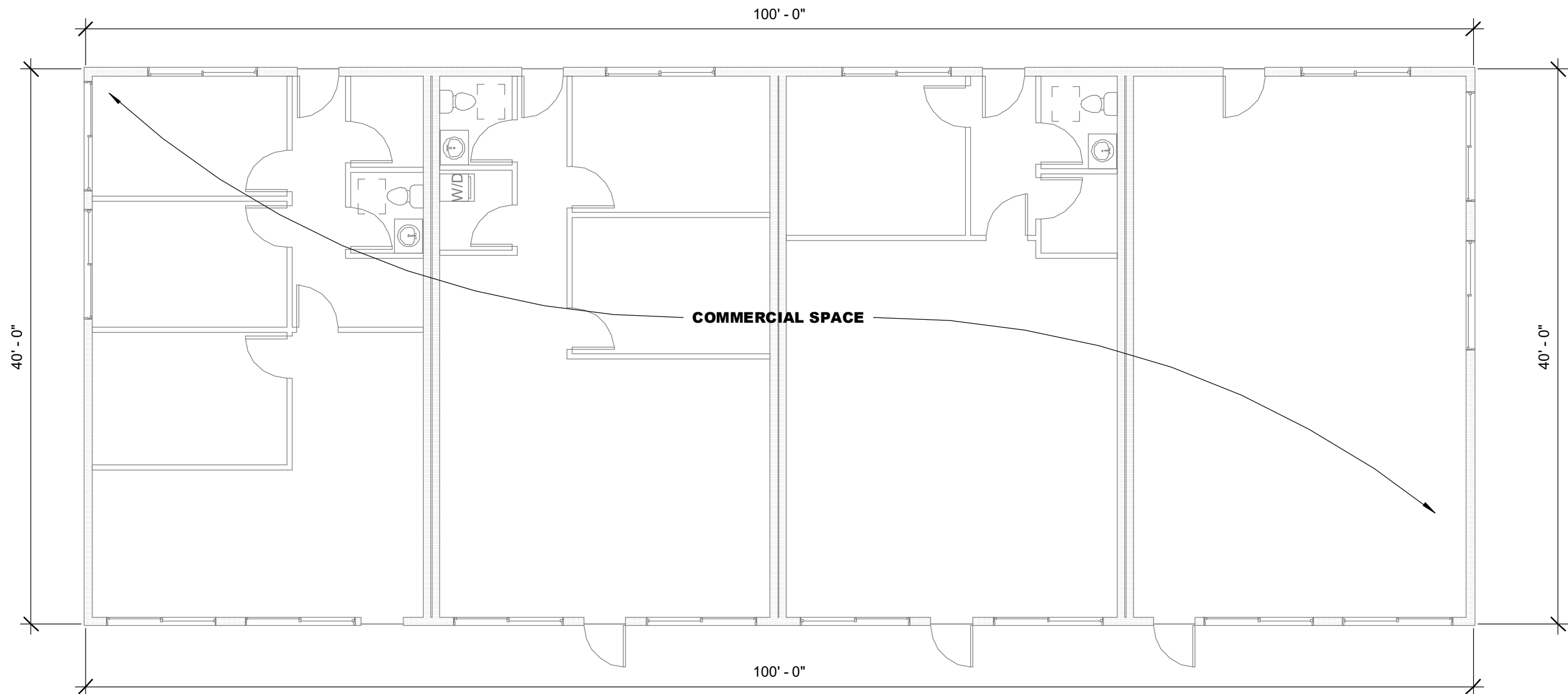
MARK	DATE	DESCRIPTION
------	------	-------------

PROJECT NO:
REVISION DATE:
DRAWN BY: ANDREY GINZBURG
CHK'D BY:
COPYRIGHT:

SHEET TITLE

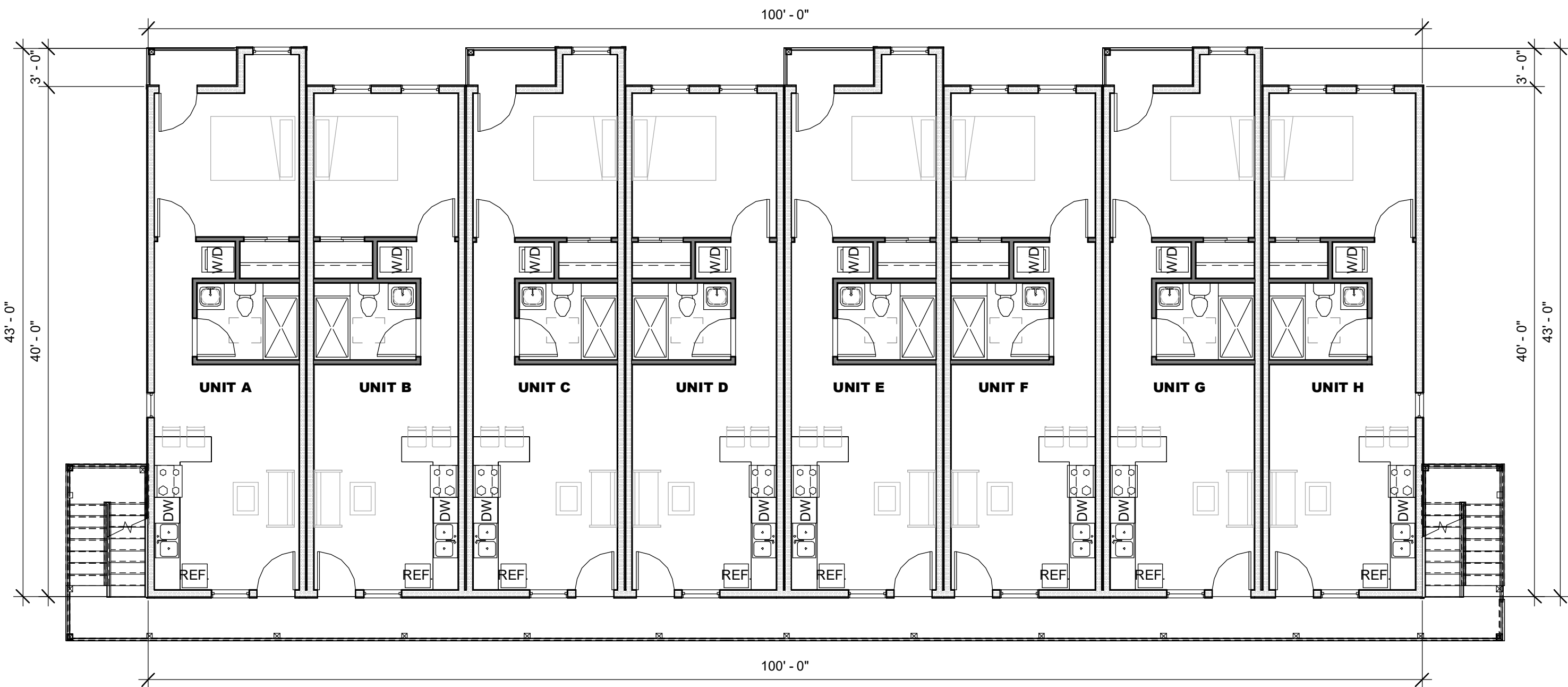
EXISTING FLOOR
PLAN

A-1.1



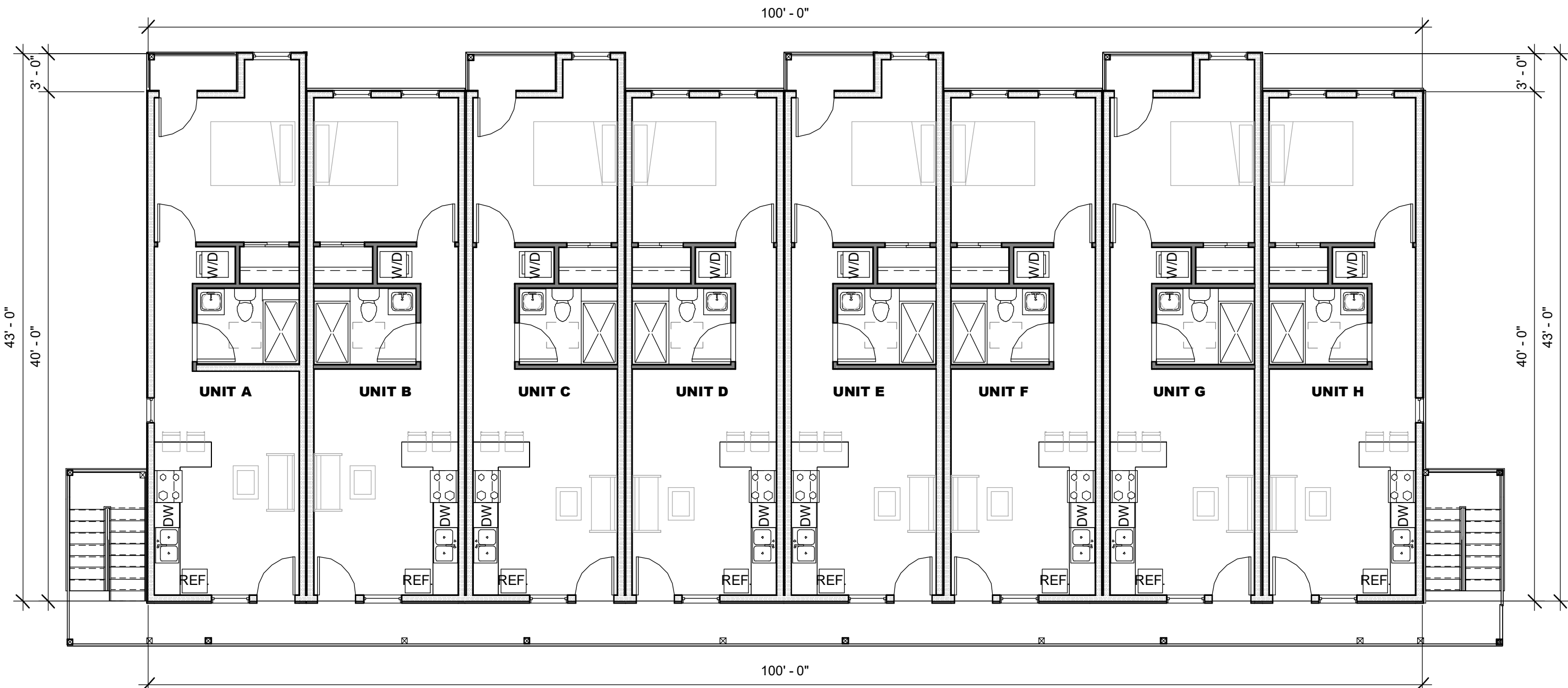
1 EXISTING 1ST FLOOR PLAN

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



2 PROPOSED 2ND FLOOR PLAN.

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



3 PROPOSED 3RD FLOOR PLAN.

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

PROPOSED BUILDING AREA		
(E) UNIT 1	1,000 SF	01 FF
(E) UNIT 2	1,000 SF	01 FF
(E) UNIT 3	1,000 SF	01 FF
(E) UNIT 4	1,000 SF	01 FF
	4,000 SF	
2ND FLOOR UNIT A	509 SF	02 FF
2ND FLOOR UNIT B	507 SF	02 FF
2ND FLOOR UNIT C	509 SF	02 FF
2ND FLOOR UNIT D	507 SF	02 FF
2ND FLOOR UNIT E	509 SF	02 FF
2ND FLOOR UNIT F	507 SF	02 FF
2ND FLOOR UNIT G	509 SF	02 FF
2ND FLOOR UNIT H	507 SF	02 FF
	4,063 SF	
3RD FLOOR UNIT A	509 SF	03 FF
3RD FLOOR UNIT B	507 SF	03 FF
3RD FLOOR UNIT C	509 SF	03 FF
3RD FLOOR UNIT D	507 SF	03 FF
3RD FLOOR UNIT E	509 SF	03 FF
3RD FLOOR UNIT F	507 SF	03 FF
3RD FLOOR UNIT G	509 SF	03 FF
3RD FLOOR UNIT H	507 SF	03 FF
	4,063 SF	
	12,127 SF	
2ND FLOOR COMMON AREA	375 SF	02 FF
3RD FLOOR BALCONY UNIT A	21 SF	02 FF
3RD FLOOR BALCONY UNIT C	21 SF	02 FF
3RD FLOOR BALCONY UNIT E	21 SF	02 FF
3RD FLOOR BALCONY UNIT G	21 SF	02 FF
	460 SF	
3RD FLOOR BALCONY UNIT A	21 SF	03 FF
3RD FLOOR BALCONY UNIT C	21 SF	03 FF
3RD FLOOR BALCONY UNIT E	21 SF	03 FF
3RD FLOOR BALCONY UNIT G	21 SF	03 FF
3RD FLOOR COMMON AREA	375 SF	03 FF
	460 SF	
	919 SF	
TOTAL AREA	13,046 SF	


PREMIER DESIGN
3941 PARK DRIVE STE20-568
EL DORADO HILLS, CA 95672
PHONE:(916)743-0123 FAX:(866)631-1424
EMAIL:PREMIERDESIGN@YMAIL.COM
WEB:PRMIERDESIGNONLINE.COM

Chf

CONSULTANTS

APARTMENTS

677 PLEASANT VALLEY RD
DIAMOND SPRINGS, CA
95619

APN: 097-010-067

OWNER'S INFORMATION

NAME: RUSSELL ENYART

PHONE: (916)524-9733

EMAIL: russell@enyarthomes.com

MARK	DATE	DESCRIPTION
------	------	-------------

PROJECT NO:

REVISION DATE:

DRAWN BY: ANDREY GINZBURG

CHK'D BY:

COPYRIGHT:

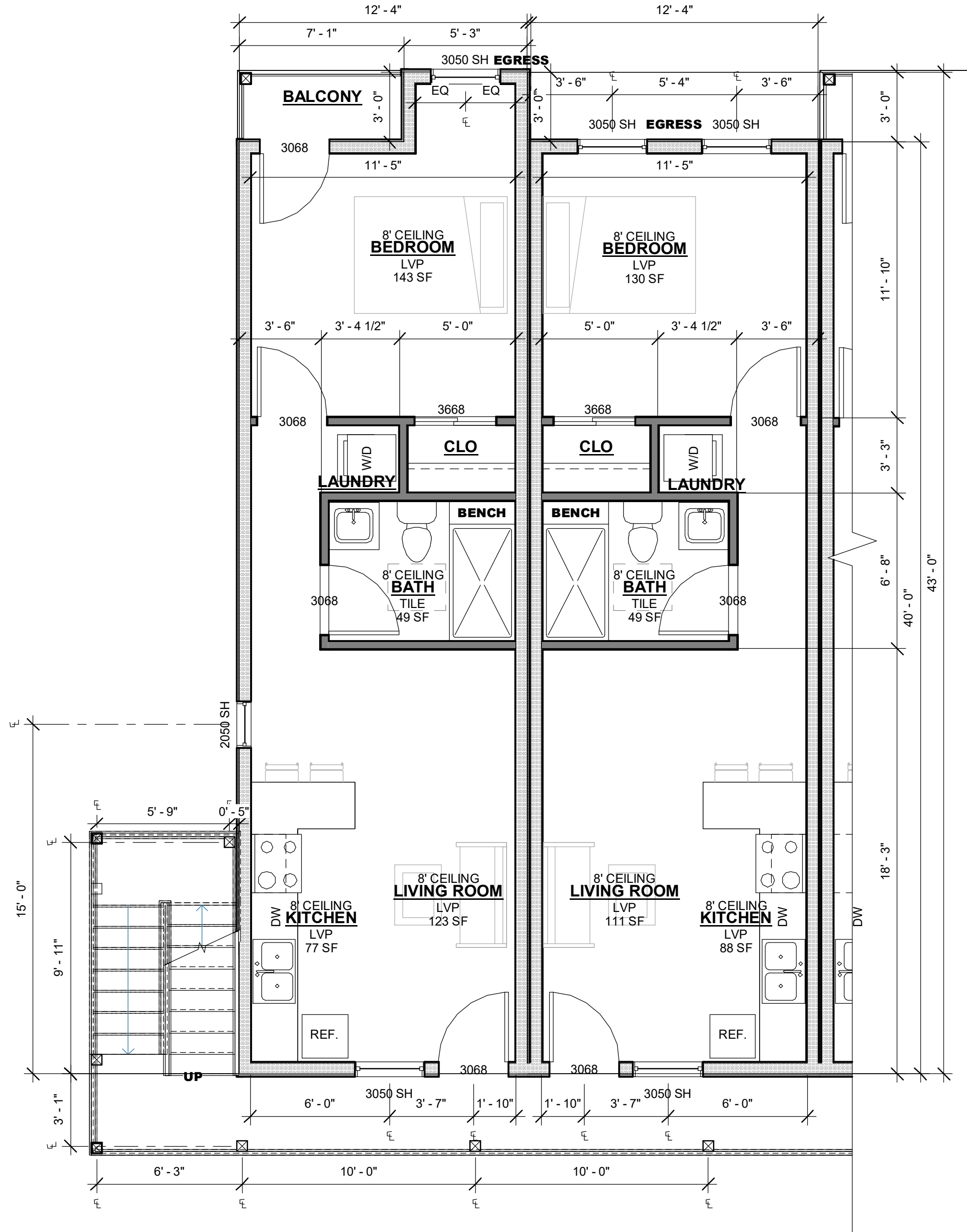
SHEET TITLE

FLOOR PLANS

A-1.2

FLOOR PLAN NOTES

- HEAT PUMP 40 GAL , PIPE TO EXT. ON 18" H STAND W/2 SEISMIC STRAPS: ONE @1/3 HEIGHT FROM TOP & ONE @1/3 HEIGHT FROM BOTTOM @+4" ABOVE CONTROLS. INSULATE 1st 5' W/R-4 PLATFORM W/ PLWD FRONT AND DRYWALL FACES. IF ENCLOSED PROVIDE 2 VENTS EA. 100 SQ.IN. @12" FROM TOP & 12" BOTTOM OF WATER HEATER.
 - WATER HEATERS SHALL BE INSTALLED 18" ABOVE GARAGE FLOOR CPC 507.13
 - EQUIPMENT BARRIER 4" DIA STEEL PIPE CONCRETE FILLED W/18"X18"X12" CONCRETE FOOTING
 - SOLID CORE 1-3/8" THICK DOOR THRESHOLD AND WEATHERSTRIPPING AND DEAD BOLT LOCK.THE MAIN EGRESS DOOR SHALL BE READILY OPENABLE FROM INSIDE THE UNIT WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR EFFORT. CRC R311. ONE SIDE-HINGED EGRESS DOOR FROM EACH DWELLING UNIT NOT LESS THAN 3-FT. WIDE AND 6-FT. 6-IN. IN HEIGHT, WITH A MINIMUM CLEAR WIDTH OF 32-IN. EGRESS DOORS SHALL BE READILY OPENABLE FROM INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
 - SOLID CORE DOOR W/DEADBOLT &VIEW HOLE
 - A. DASHED LINE INDICATES 5/8" TYPE"X" GYP BRD FOUNDATION TO RF STHG.
 - 5/8" TYPE "X" GYP BRD WALLS AND CELLING W/2x FRAMINGOR RC CHANNEL @16 o.c.
 - ON POST: 5/8" TYPE "X" GYP BRD W/26 GAgi TO +4" AFF.
 - 5/8" TYPE "X" GYPBRD UNDER STAIRWAY ALL SURFACES ON 2x @16" o.c.
 - A. ELECTRICAL DRYER
 - CLOTHES DRYER MOISTURE EXHAUST DUCT MUST BE 4-IN. IN DIAMETER AND LENGTH IS LIMITED TO 14-FT. WITH 2 ELBOWS. THE DUCT LENGTH SHALL BE REDUCED BY 2-FT. FOR EVERY ELBOW IN EXCESS OF TWO. (MC 504.4.2)
 - PROVIDE VENT IN DOOR W/100 SQ.IN NET FREE.
 - RANGE W/HOOD
 - COOKTOP & HOOD.
 - OVEN AND MICROWAVE.
 - DISHWASHER UNDER COUNTERTOP W/AIR GAP PER 2022 CPC 807.4.
 - REFRIGERATOR SPACE W/ICEMAKER HOOKUP
 - SINK W/GARBAGE DISP PROVIDE AIR GAP PER CPC 807 ,CLEANOUT PER CPC 719
 - PROVIDE ISLAND SINK VENT PER CPC 909
 - TYPICAL FOR ALL SHOWER AND TUB:
WATER RESISTANT GYPSUM BACKING BOARD SHALL NOT BE USED WHERE THERE WILL BE DIRECT EXPOSURE TO WATER, OR IN AREAS SUBJECT TO CONTINUOUS HIGH HUMIDITY. CRC SECTION R702.3.8.1 BATHTUB AND SHOWER FLOORS AND WALLS ABOVE BATHTUBS WITH INSTALLED SHOWER HEADS AND IN SHOWER COMPARTMENTS SHALL BE FINISHED WITH A NONABSORBENT SURFACE. SUCH WALL SURFACES SHALL EXTEND TO A HEIGHT OF NOT LESS THAN 6 FEET (1829 MM) ABOVE THE FLOOR. CRC SECTION R307.2
 - TUB 5'x32"
 - TUB 36"x60"
 - 5' x36" SHOWER
 - TEMPERED GLASS SHOWER DOORS SHALL SWING OUT.NET AREA OF SHOWER THE RECEPTOR SHALL BE NOT LESS THAN 1,024 SQ. IN. OF FLOOR AREA AND ENCOMPASS 30-IN. DIAMETER CIRCLE
 - SHOWER CURTAIN ROD
 - 38" TALL WALL
 - SOLID WASTE CONNECTION @ TUB & SHOWER PRESSURE BAL OR THERMOSTATIC MIXING VALVE PER 2022 CPC 408.3
 - ELECTRICAL PANEL/ METER VERIFY SIZE AND LOCATION 200 AMPS
 - 36" SQ. MIN CONC. LAND'G PER CRC@ ALL EXTERIOR EXIT.2% SLOPE AWAY
 - 1.5" LOWER THAN TOP OF THRESHOLD.(EXPT:7.75" MAX IF DOOR DOES NOT SWING OVER LANDING).THRESHOLD MAX HIEGHTS 1/2"
 - SOLID WOOD DOORS NOT LESS THAN 13/8 INCHES (35 MM) IN THICKNESS, SOLID OR HONEYCOMB CORE STEEL DOORS NOT LESS THAN 13/8 INCHES (35 MM) THICK, OR 45-MINUTE FIRE-RATED DOORS. DOORS SHALL BE SELF-CLOSING AND SELF-LATCHING. THIS WOULD INCLUDE THE PULL DOWN ATTIC ACCESS STAIR IN THE GARAGE IF THE GARAGE CEILING IS USED AS PART OF THE BARRIER BETWEEN THE HOUSE AND GARAGE. CRC SECTION R302.5.1
 - SHOWERS AND ,TUB/SHOWERS ARE PROVIDED WITH PRESSURE BALANCE OR THERMOSTATIC MIXING VALVE CONTROLS. INDICATE THAT THE MAXIMUM SETTING SHALL BE 120 DEGREES F.
 - REQUIRED GUARDS AT OPEN-SIDED WALKING SURFACES, INCLUDING STAIRS, PORCHES, BALCONIES OR LANDINGS, SHALL BE NOT LESS THAN 42 INCHES (1067 MM) HIGH MEASURED VERTICALLY ABOVE THE ADJACENT WALKING SURFACE, ADJACENT FIXED SEATING OR THE LINE CONNECTING THE LEADING EDGES OF THE TREADS. CRC SECTION R312.2
 - THE PROPOSED SLOPE ON ANY WEATHER-EXPOSED LANDINGS, BALCONIES, AND ROOF DECKS WHICH ARE SEALED UNDERNEATH. INDICATE THE WALKING SURFACE SHALL HAVE A SLIP-RESISTANT SURFACE PER CRC 2022 FINIISH FLOOR -----TILE VERIFY BY OWNER
 - HOSE BIBB
 - FORCED AIR UNIT DUCTS AND PENETRATION MUST COMPLY WITH CRC REQ'S PROVIDE SETBACK T-STAT FAU 12" WIDE MAX ALL PIECES OF HVAC MUST FIT THROUGH 22"x30" ACCESS.
 - 22"x30" ATTIC ACCESS W/ WEATHERSTRIPPING WITH 30-IN. MINIMUM HEADROOM FOR ATTIC GREATER THAN 30-SF.(R807.1).
 - A/C UNIT PROVIDE 30"W x36"D WORKING SPACE, A/C DISCONNECT, 36" SQ. CONCRETE PAD
 - SHOWER AND TUB SHOWER COMBINATIONS SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVES OF THE PRESSURE BALANCE OR THE THERMOSTATIC MIXING VALVE TYPE. 2022 CPC 408.3
 - THE WATER CLOSET STOOL IN ALL OCCUPANCIE SHALL BE LOCATED IN CLEAR SPACE LESS THAN 30" IN WIDTH. THE CLEAR SPACE IN FRONT OF THE WATER CLOSET STOOL SHALL NOT BE LESS THAN 24". MAXIMUM 1.28 PER FLASH
 - IN EVERY BEDROOM AND BASEMENT, PROVIDE ONE OPENABLE ESCAPE WINDOW MEETING ALL OF THE FOLLOWING: (R310.2, R310.2.2)
 - A NET CLEAR OPENING AREA OF NOT LESS THAN 5.7-SF. EX. GRADE FLOOR NET CLEAR OPENING AREA NOT LESS THAN 5.0 SF
 - A MINIMUM CLEAR HEIGHT OF 24-IN. AND CLEAR WITH OF 20-IN.
 - THE BOTTOM OF THE CLEAR OPENING NOT GREATER THAN 44-IN. MEASURED FROM THE FLOOR.
 - A MINIMUM18"x22" UNDER-FLOOR ACCESS, UNOBSERVED BY PIPES OR DUCTS AND WITHIN 5' OF EACH UNDER-FLOOR PLUMBING CLEANOUT AND NOT LOCATED UNDER A DOOR TO THE RESIDENCE, IS REQUIRED. PROVIDE A SOLID COVER OR SCREEN. 2022 CRC 408.4 & 2022 CPC 707.8
 - FIRE RESISTIVE EXTERIOR DOORS IN ACCORDANCE WITH 2022 CRC (THE DOOR EXTERIOR SURFACE SHALL BE OF NONCOMBUSTIBLE OR IGNITION-RESISTANT MATERIALS OR BE CONSTRUCTED OF SOLID CORE WOOD 1-1/8" THICK OR HAVE A FIRE-RESIS TIVE RATING OF NOT LESS THAN 45 MINS.)
 - WINDOW WELLS SHALL BE DESIGNED FOR PROPER DRAINAGE BY STRUCTURAL CONNECTING TO THE BUILDING'S FOUNDATION DRAINAGE SYSTEMS REQUIRED BY SECTION R405.1 OR BY AN APPROVED ALTERNATE METHOD. (R310.4.3)
- A4.303.1 KITCHEN FAUCETS. THE MAXIMUM FLOW RATE OF KITCHEN FAUCETS SHALL NOT EXCEED 1.5 GALLONS PER MINUTE AT 60 PSI. KITCHEN FAUCETS MAY TEMPORARILY INCREASE THE FLOW ABOVE THE MAXIMUM RATE, BUT NOT TO EXCEED 2.2 GALLONS PER MINUTE AT 60 PSI, AND MUST DEFAULT TO A MAXIMUM FLOW RATE OF 1.5 GALLONS PER MINUTE AT 60 PSI.
NOTE: WHERE COMPLYING FAUCETS ARE UNAVAILABLE, AERATORS OR OTHER MEANS MAY BE USED TO ACHIEVE REDUCTION. A4.303.3 APPLIANCES. DISHWASHERS AND CLOTHES WASHERS IN RESIDENTIAL BUILDINGS SHALL COMPLY WITH THE FOLLOWING:
- INSTALL AT LEAST ONE QUALIFIED ENERGY STAR APPLIANCE WITH MAXIMUM WATER USE AS FOLLOWS:
- STANDARD DISHWASHERS - 4.25 GALLONS PER CYCLE.
 - COMPACT DISHWASHERS 3.5 GALLONS PER CYCLE.
 - CLOTHES WASHERS WATER FACTOR OF 6 GALLONS PER CUBIC FEET OF DRUM CAPACITY
- THE DUCT SYSTEM WILL BE SIZED IN ACCORDANCE WITH ACCA MANUEL D OR OTHER APPROVED METHOD AND THAT DESIGN WILL BE PROVIDED TO FIELD INSPECTOR AT THE TIME OF INSPECTIONS
- HVAC CONTRACTOR MUST PROVIDE PLAN PRIOR INSTALLATION ANY DUCT, WHICH SUPPOSED MEET ACCA STANDARDS.THIS PLAN WILL BE SUBJECT FIELD VERIFICATION.
- THE STORAGE OF CLASS I, II, AND III LIQUIDS IN ABOVEGROUND TANKS OUTSIDE OF BUILDINGS IS PROHIBITED IN ALL AREAS OF THE TOWN EXCEPT IN AREAS ZONED AS **INDUSTRIAL SERVICES**. (PMC 15.09.200) (VERIFY ZONING ON INTAKE SHEET)
- NATURAL LIGHT AND VENTILATION FOR HABITABLE ROOMS WITHIN A DWELLING UNIT. THE MINIMUM OPENABLE AREA TO THE OUTDOORS FOR VENTILATION SHALL BE 4% PERCENT OF THE FLOOR AREA SERVED. THE MINIMUM NET GLAZED AREA FOR NATURAL LIGHT SHALL BE NOT LESS THAN 8% PERCENT OF THE FLOOR AREA SERVED. EXCEPTION: BATHROOMS, KITCHENS, STORAGE AND LAUNDRY ROOM. ROOMS CONTAINING BATHTUBS, SHOWERS, SPAS AND SIMILAR BATHING FIXTURES SHALL BE PROVIDED WITH MECHANICAL VENTILATION AS PER 2022 C.M.C., C.R.C. AND 2022 CEC



1 PROPOSED 2ND FLOOR PLAN

SCALE: 1/4" = 1'-0"

THE PRESCRIPTIVE PLUMBING FIXTURE REQUIREMENTS CGBSC 4.303.1:	
A.	WATERS CLOSETS: ≤ 1.28 GAL/FLUSH. CGBSC 4.303.1.1
B.	SINGLE SHOWERHEADS: ≤ 1.8 GPM @ 80 PSI. CGBSC 4.303.1.3
C.	MULTIPLE SHOWERHEADS: COMBINED FLOW RATE OF ALL SHOWERHEADS AND/OR OTHER SHOWER OUTLETS CONTROLLED BY A SINGLE VALVE SHALL NOT EXCEED 2.0 GPM @ 80 PSI OR ONLY ONE SHOWER OUTLET IS TO BE IN OPERATION AT A TIME. CGBSC 4.303.1.3.2
D.	RESIDENTIAL LAVATORY FAUCETS: ≤ 1.2 GPM @ 60 PSI. CGBSC 4.303.1.4.1
E.	KITCHEN FAUCETS: ≤ 1.8 GPM @ 60 PSI;
PLUMBING CODE REQUIREMENTS:	
1. INSULATION OF THE FIRST 5 FEET OF HOT AND COLD WATER PIPES FROM THE STORAGE TANK	
2. INSULATION OF THE HOT WATER PIPING FROM THE WATER HEATER TO THE KITCHEN APPLIANCES.	
3. GAS PIPING TO THE WATER HEATER CAPABLE OF HAVING A 200000 BTU DEMAND.	
4. A 120 ELECTRICAL RECEPTACLE WITHIN 3 FEET OF THE WATER HEATER AND ACCESSIBLE	
5. A CATEGORY III OR IV VENT OR A TYPE B VENT WITH STRAIGHT PIPE BETWEEN THE OUTSIDE TERMINATION AND THE SPACE WHERE THE WATER HEATER IS INSTALLED	

ABBREVIATIONS:

TEMP = TEMPER GLASS

SDG = SLIDING DOOR GLSS

FX = FIXED WINDOW

SH = SINGLE HUNG WINDOW

XO = SLIDING WINDOW

EG = EGRESS

WALL LEGEND:

2X6 STUDS@16" O.C

W/R-19 INSL FOR EXT.OONLY

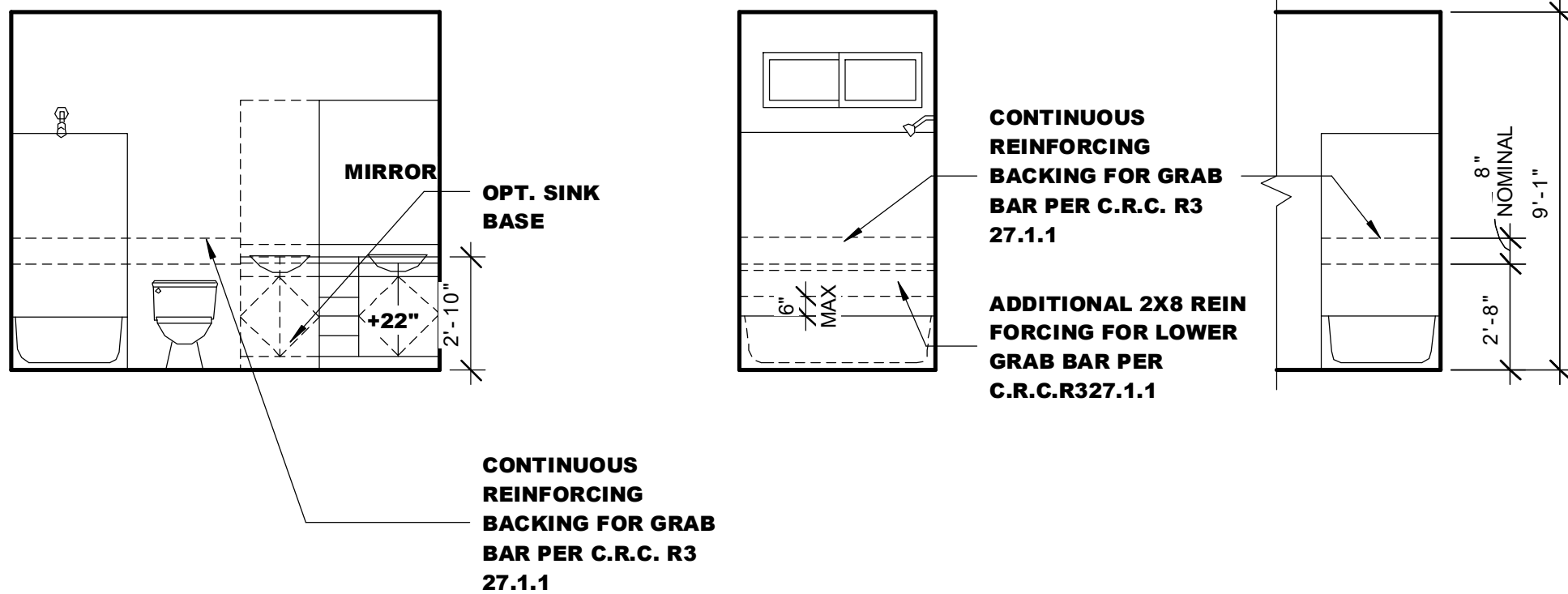
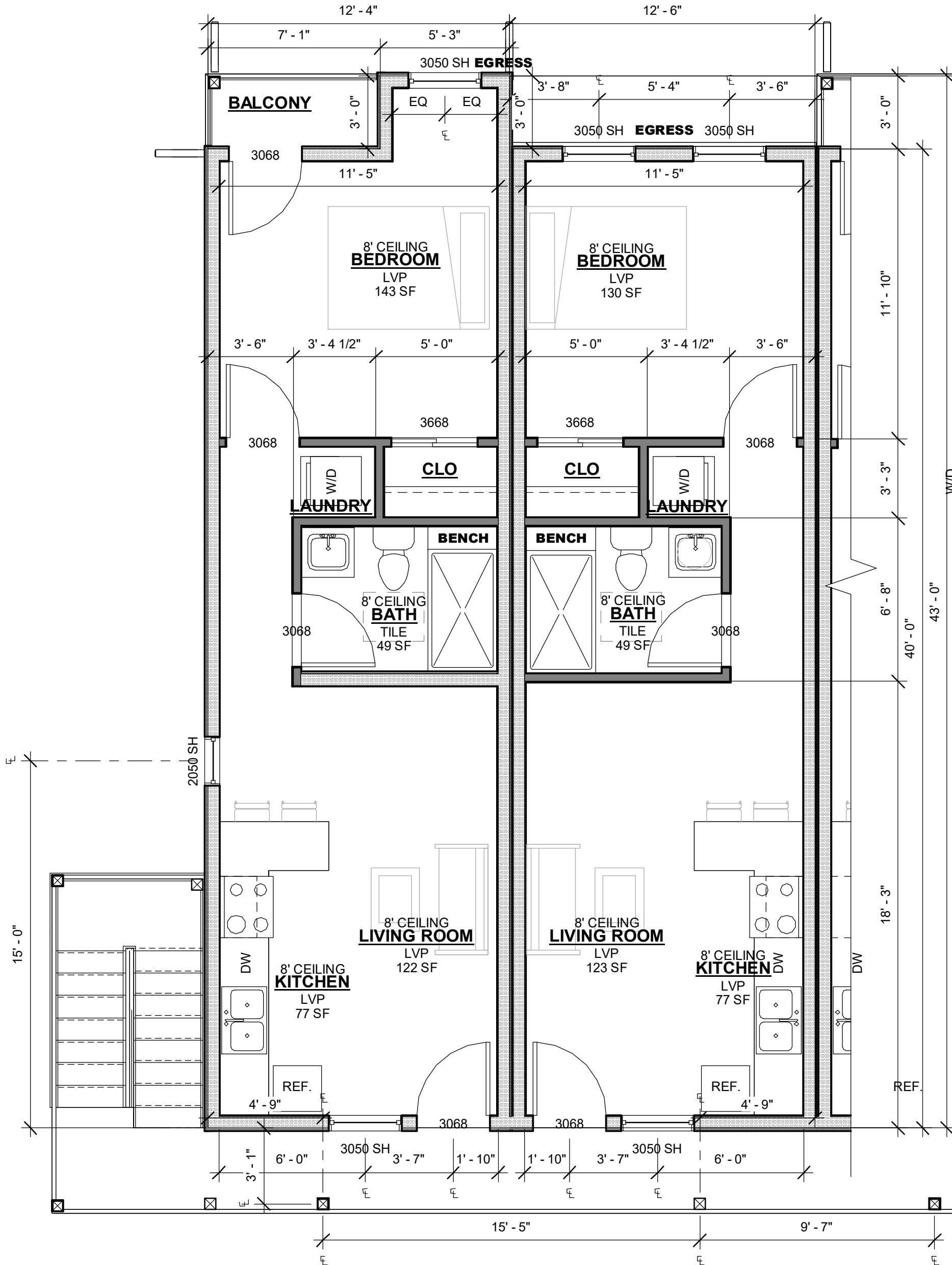
2X4 STUDS@16" O.C

2X WALL TO BE DEMOLISHED

1-HOUR FIRE RATED WALL

2 PROPOSED 3RD FLOOR PLAN

SCALE: 1/4" = 1'-0"



3 TYP. GRAB BAR REINFORCEMENT

SCALE: 1/4" = 1'-0"

PREMIER DESIGN
3941 PARK DRIVE STE20-568
EL DORADO HILLS,CA 95672
PHONE:(916)743-0123 FAX:(866)631-1424
EMAIL:PREMIERDESIGN@YMAIL.COM
WEB:PRMIERDESIGNONLINE.COM

Chf

CONSULTANTS

APARTMENTS

677 PLEASANT VALLEY RD
DIAMOND SPRINGS, CA
95619

APN: 097-010-067

OWNER'S INFORMATION

NAME: RUSSELL ENYART

PHONE: (916)524-9733

EMAIL: russell@enyarthomes.com

MARK	DATE	DESCRIPTION
------	------	-------------

PROJECT NO:

REVISION DATE:

DRAWN BY: ANDREY GINZBURG

CHK'D BY:

COPYRIGHT:

SHEET TITLE

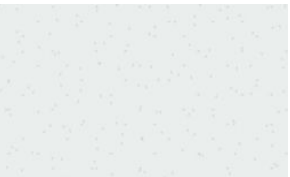







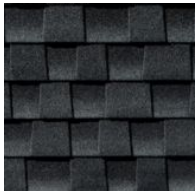
FLOOR PLANS

A-1.3



1 FRONT ELEVATION.

SCALE: 1/4" = 1'-0"

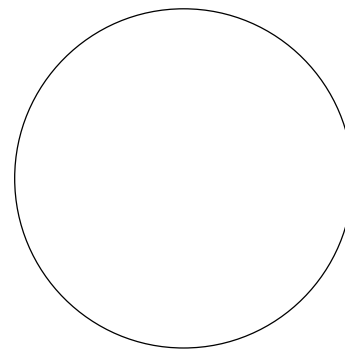
M1		OMEGA ALEX-FLEX COLOR COLOR : SNOW
M2		HARDIE PLANK LAP SIDING COLOR: CEDARMILL
M3		JAMES HARDIE BOARD AND BATTEN SIDING COLOR:PEARL GREY
M4		HARDIE BOARD CEDAR WOOD SHAKES COLOR MINMAX NATURAL 209 WOOD FINISH
P1		FASCIA WOOD PAINTED BLACK
P2		WINDOW JELD-WEN WHITE WINDOWS
P3		REGENCY 36 IN. X 80 IN. 4 LITE 1/4 TOPLITE RHIS CLEAR GLASS ONYX STAINED FIR GRAIN FIBERGLASS PREHUNG FRONT DOOR
L1		WALL SCONCE MILLENNIUM FETTERTON
R1		TIMBERLAND HD REFLECTOR SERIES - CHARCOAL




PREMIER DESIGN
3941 PARK DRIVE STE20-568
EL DORADO HILLS, CA 95672
PHONE:(916)743-0123 FAX:(866)631-1424
EMAIL:PREMIERDESIGN@YMAIL.COM
WEB:PRMIERDESIGNONLINE.COM

Chf A

CONSULTANTS



APARTMENTS

677 PLEASANT VALLEY RD
DIAMOND SPRINGS, CA
95619

APN: 097-010-067

OWNER'S INFORMATION

NAME: RUSSELL ENYART
PHONE:(916)524-9733
EMAIL:russell@enyarthomes.com

MARK	DATE	DESCRIPTION
------	------	-------------

PROJECT NO:
REVISION DATE:
DRAWN BY: ANDREY GINZBURG
CHK'D BY:
COPYRIGHT:

SHEET TITLE

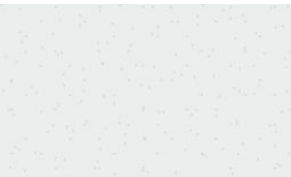


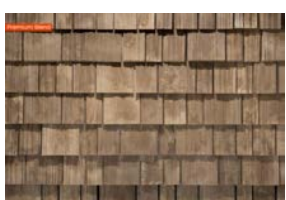




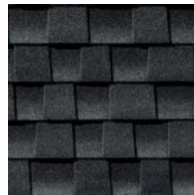
ELEVATION

A-2.1



1 REAR ELEVATION.

SCALE: 1/4" = 1'-0"

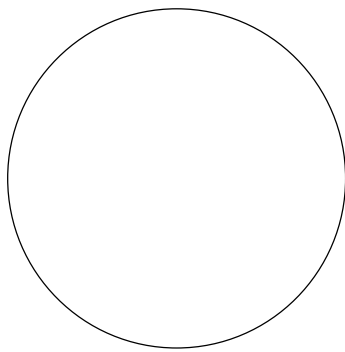
M1		OMEGA SNOW COLOR
M2		HARDIEPLANK LAP SIDING SELECT CEDARMILL
M3		JAMES HARDIE BOARD AND BATTEN SIDING
M4		HARDIE BOARD CEDAR WOOD SHAKES
P1		FASCIA WOOD PAINTED BLACK
P2		WINDOW JELD-WEN WHITE WINDOWS
P3		DOOR ANDRESON 100 SERIES - BLACK
L1		WALL SCONCE MILLENNIUM FETTERTON
R1		TIMBERLAND HD REFLECTOR SERIES - CHARCOAL




PREMIER DESIGN
3941 PARK DRIVE STE20-568
EL DORADO HILLS, CA 95672
PHONE: (916) 743-0123 FAX: (866) 631-1424
EMAIL: PREMIERDESIGN@YMAIL.COM
WEB: PRMIERDESIGNONLINE.COM

Chp A

CONSULTANTS



APARTMENTS

677 PLEASANT VALLEY RD
DIAMOND SPRINGS, CA
95619

APN: 097-010-067

OWNER'S INFORMATION

NAME: RUSSELL ENYART
PHONE: (916) 524-9733
EMAIL: russell@enyarthomes.com

MARK	DATE	DESCRIPTION
------	------	-------------

PROJECT NO:
REVISION DATE:
DRAWN BY: ANDREY GINZBURG
CHK'D BY:
COPYRIGHT:

SHEET TITLE

ELEVATION

A-2.2



1 FRONT ELEVATION

SCALE: 1/4" = 1'-0"



2 LEFT ELEVATION

SCALE: 1/4" = 1'-0"



3 REAR ELEVATION

SCALE: 1/4" = 1'-0"



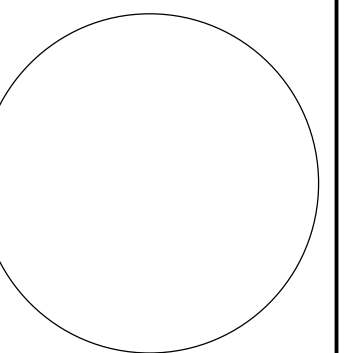
4 RIGHT ELEVATION

SCALE: 1/4" = 1'-0"



Chp A

CONSULTANTS



APARTMENTS

677 PLEASANT VALLEY RD
DIAMOND SPRINGS, CA
95619

APN: 097-010-067

OWNER'S INFORMATION

NAME: RUSSELL ENYART
PHONE: (916)524-9733
EMAIL: russell@enyarthomes.com

MARK	DATE	DESCRIPTION
------	------	-------------

PROJECT NO:
REVISION DATE:
DRAWN BY: ANDREY GINZBURG
CHK'D BY:
COPYRIGHT:

SHEET TITLE

ELEVATION

A-2.3

For more background and detail on the mapping methodology, click here:
<https://www.treasurer.ca.gov/ctcac/opportunity/2025/Draft-2025-Opportunity-Map-Methodology.pdf>

Background

1. What is the purpose of the opportunity and high-poverty & segregation mapping tools?

The mapping tools are intended to advance the state's affirmatively furthering fair housing (AFFH) objectives. AFFH means combating discrimination and taking meaningful actions that overcome patterns of segregation and foster inclusive communities free from barriers that restrict access to opportunity based on protected characteristics.

The Opportunity Map identifies areas in every region of the state whose characteristics have been shown by research to be associated with positive economic, educational, and health outcomes for low-income families—particularly long-term outcomes for children. As such, the map is intended to inform efforts to advance the AFFH objective of increasing access to opportunity.

The high-poverty and segregated areas overlay identifies places that meet standards for both high or concentrated poverty rates and racial segregation. The use of this overlay is grounded in two guiding AFFH objectives: to avoid further segregation and poverty concentration, and to increase access to opportunity for low-income families.

2. What has been the process for creating and updating these tools?

In February 2017, the Department of Housing and Community Development (HCD) and the California Tax Credit Allocation Committee (CTCAC) convened a range of independent organizations and research centers which provided input on the original creation of the Opportunity Map. Since then, a subset of research partners has continued to update and refine the map over time. HCD, CTCAC, and the research partners annually review and update the mapping tools' indicators and methodology in response to stakeholder comments and emerging research.

3. How has the Opportunity Map been used in State policy and programs?

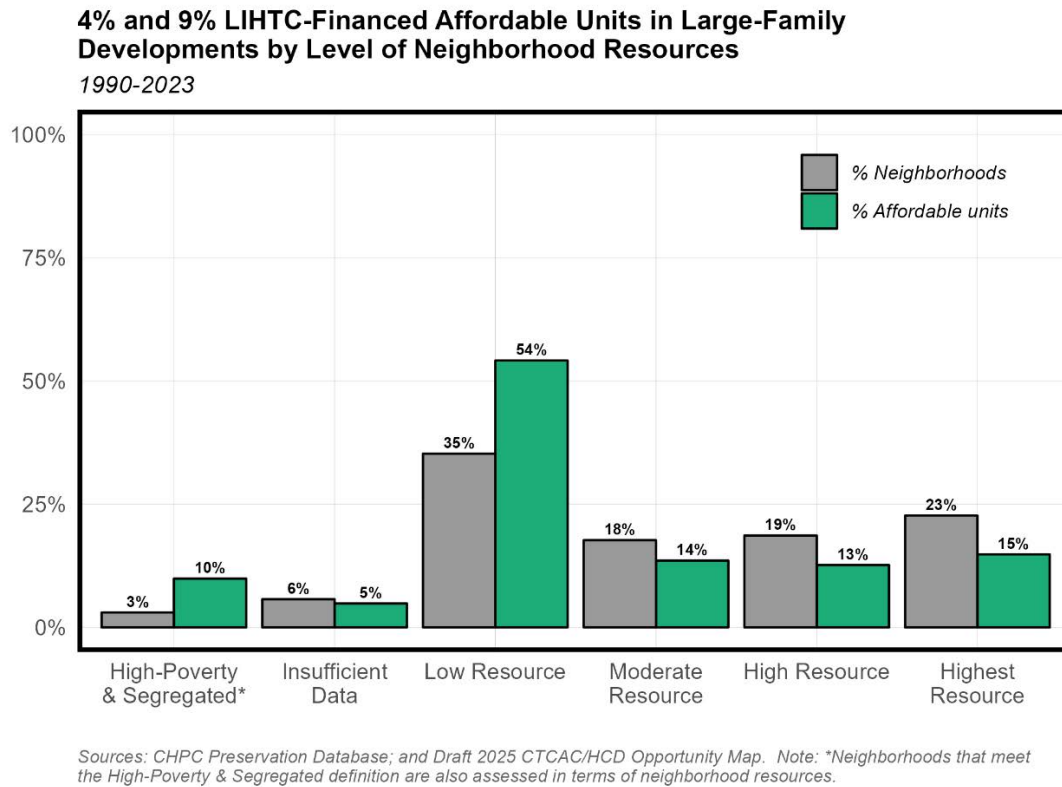
The Opportunity Map was originally created to inform statewide policy for funding affordable housing in the context of the CTCAC regulations which relate to 9% Low Income Housing Tax Credit (LIHTC) program. For this reason, the mapping methodology was designed for the competitive funding infrastructure of the 9% LIHTC program (e.g., geographic competition, a separate funding pool for rural applicants). The Opportunity Map has also been used inform similar policies in the other housing funding programs, including CDLAC regulations for tax-exempt bonds, which are paired with 4% LIHTCs, and HCD's Multifamily Super NOFA. Finally, HCD has used a slightly modified version of the Opportunity Map to inform land use and zoning policy, including the Regional Housing Need Allocation (RHNA) process and Housing Element updates.

4. How has the location of affordable housing for low-income families changed since the introduction of opportunity area incentives?

Since the introduction of incentives several years ago, affordable housing for low-income families financed with LIHTCs in higher resource neighborhoods has increased when compared to historical patterns. This trend is more pronounced for developments financed with 4% LIHTCs than for those financed with 9% LIHTCs. However, even after the introduction of opportunity area incentives, Low Resource areas continue to see more production of affordable housing for families than any other neighborhood category in the Opportunity Map when considering both 4% and 9% LIHTCs combined.

As a result, LIHTC-financed affordable homes for low-income families in California are still notably underrepresented in higher resource areas. Through 2023, only 15 percent percent of all LIHTC funded homes the state's affordable housing portfolio (both 4% and 9%) in family-serving developments are located in Highest Resource neighborhoods, which comprise 23 percent of neighborhoods statewide, contrasted with 54 percent in Low Resource neighborhoods, which comprise 35 percent of neighborhoods statewide, as shown in Figure 1.

Figure 1



Additional details for the 9% and 4% programs are provided below.

9% program: According to analysis by CTCAC and HCD's research partners, the share of affordable homes in 9% LIHTC large family developments in High and Highest Resource areas modestly increased from 17 percent of all funded affordable homes in the four years prior to introduction of incentives to 21 percent since introduction of incentives in 2019, as shown in Figure 2.

Figure 2

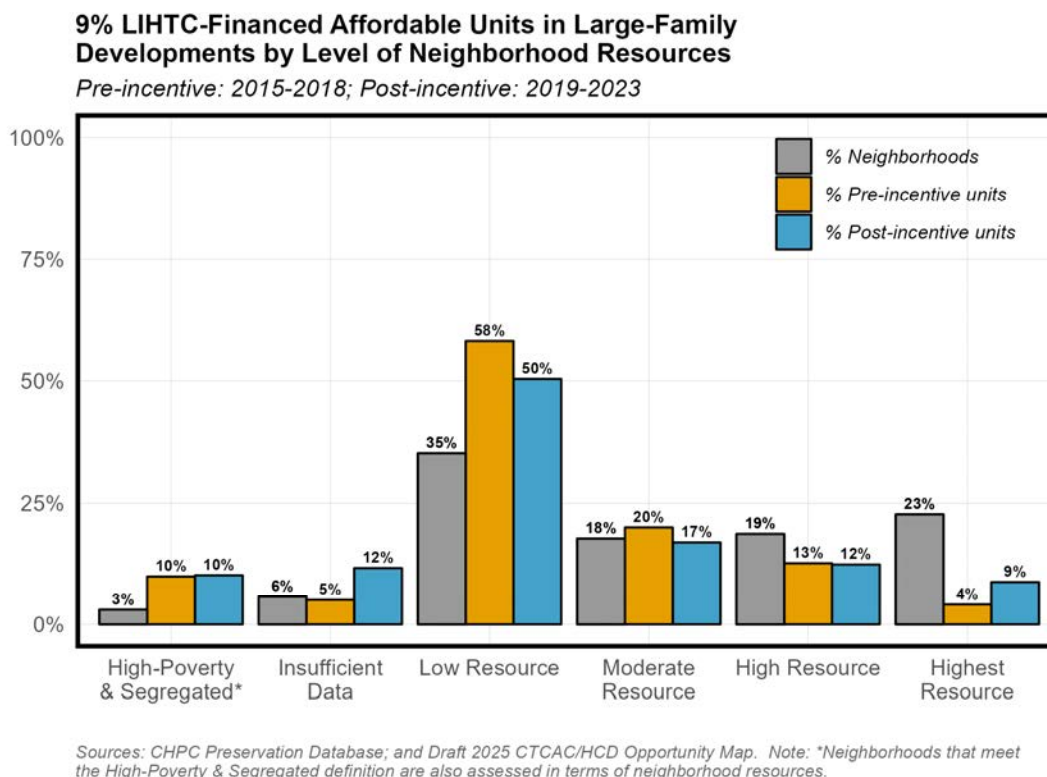
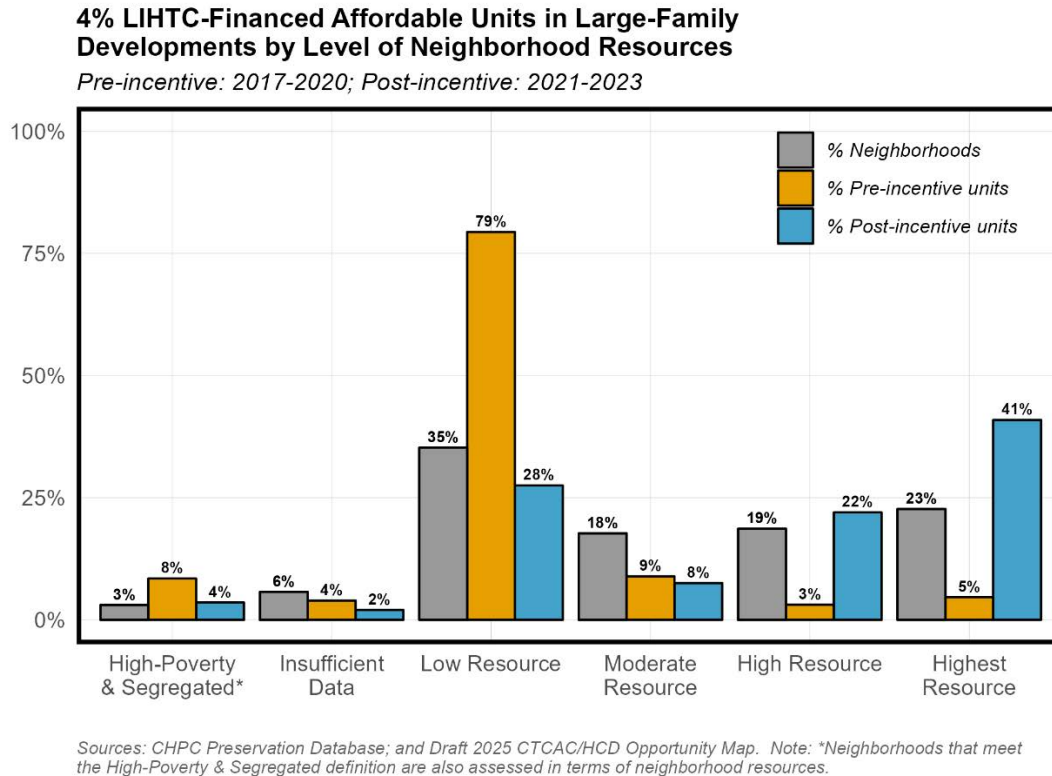


Figure 2 also shows a modest decrease in the affordable housing for low-income families funded in Low Resource areas. Since 2019, the share of affordable homes in large-family developments in Low Resource areas financed with 9% LIHTCs decreased from 58 percent to 50 percent (compared to the four years prior), as can be seen in Table 1.

4% Program: The share of affordable homes in 4% LIHTC large family developments in High and Highest Resource areas substantially increased from 8 percent of all funded affordable homes in the four years prior to introduction of incentives¹ to 63 percent since introduction of incentives in 2021, as shown in Figure 3.

¹ This share is lower than the share for the entire history of the 4% program (28 percent in High and Highest Resource areas) prior to introduction of incentives.

Figure 3



Low Resource neighborhoods have continued to receive a share of affordable homes roughly proportional to their share of the state’s neighborhoods (35 percent versus 28 percent). High Poverty & Segregated neighborhoods have also continued to receive a proportional share of funded affordable homes (3 percent versus 4 percent).

In July 2022, CDLAC established a “soft cap” on the number of applicants that can receive a critical point in the scoring system for being in High and Highest Resource areas. The intention of the soft cap was to ensure that projects in lower resource neighborhoods still have a pathway to receive funding – which, as described above, has been the case so far. HCD, CTCAC, and CDLAC will continue to monitor the distribution of affordable homes for families relative to the CTCAC/HCD Opportunity Map categories.

Opportunity methodology

1. How does the Opportunity Map assess neighborhoods?

The Opportunity Map scores neighborhoods across eight economic and educational indicators relative to other neighborhoods in the same region. These indicators were selected because they have been shown by research to be associated with economic, educational, and health outcomes for low-income families—particularly long-term outcomes for children:

Economic Indicators	
Above 200 Percent of Poverty	Percentage of population with income above 200% of federal poverty line
Adult Education	Percentage of adults with a bachelor's degree or above
Employment	Percentage of adults aged 20-64 who are employed in the civilian labor force or in the armed forces
Median Home Value	Value of owner-occupied units
Education Indicators	
Math proficiency	Percentage of 4th graders who meet or exceed math proficiency standards
Reading proficiency	Percentage of 4th graders who meet or exceed literacy standards
High school graduation rate	Percentage of high school cohort that graduated on time
Student poverty rate	Percentage of students not receiving free or reduced-price lunch

The Opportunity Map also reflects local environmental conditions by using a subset of data from the CalEnviroScreen 4.0 tool to identify the geographies that have the highest potential – defined here as ranking in the highest 5% of regional environmental burden – to expose vulnerable populations to nearby health and safety threats.

A neighborhood's opportunity score is determined by how many economic and education indicators fall above the median (50th percentile) tract or block group value within each region. Each indicator that falls above the regional median adds 1

point from an overall score. A point is subtracted when a tract ranks in the highest 5% of environmental burden within its surrounding region.

Using this method, the final scores are divided into four primary categories:

- 9 or 8 = “Highest Resource”
- 7 or 6 = “High Resource”
- 5 or 4 = “Moderate Resource”
- 3 or lower = “Low Resource”

2. How has the approach to assessing rural areas evolved over time?

The approach to assessing rural areas in the Opportunity Map has evolved over time in large part due to stakeholder feedback. Each of these changes was made in an effort to increase the accuracy of the assessment, often in the context of data challenges which present difficult tradeoffs (e.g., assessing at the block group level allows for a finer-grained analysis but introduces more data reliability challenges). A timeline of these changes is provided below, beginning with the first version of the map in 2018:

- 2018: Rural areas were assessed the same as non-rural areas (at the tract level, with data reliability thresholds) but relative to other rural areas in the same county, as opposed to relative to the metropolitan region (which can include multiple counties) with non-rural areas.
- 2019: Some exclusions are added which relate primarily to rural areas, including areas with very high prisoner populations and areas with low population density.
- 2020: Rural areas are assessed at the block group level² instead of at the tract level given the size of some rural tracts and to provide a finer-grained assessment. The population density floor is modified and areas near military bases where it is not possible to develop non-military affordable housing are excluded.
- 2021: No changes related entirely or primarily to rural areas.
- 2022: No changes related entirely or primarily to rural areas.

² The one exception to this rule is for environmental burden data due to CalEnviroScreen data only being available at the census tract level, not at the block group level. For rural areas, the county-level environmental burden percentile rank is calculated at the census tract level and then assigned to each of the block groups within a given rural census tract. In rural counties with fewer than 20 tracts, the environmental burden indicator is calculated at a state level, and tracts and the block groups they contain are identified as having high environmental burden if they rank in the top 5% of the state.

**SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use
Exhibit H - CTCAC / HCD Opportunity Map FAQs and Methodology**

- 2023: No changes related entirely or primarily to rural areas.
- 2024: The population density floor is raised in an effort to exclude the most sparsely populated rural block groups from being assigned to a resource category. Transitioning to a threshold-based methodology requires a change to the data reliability threshold.
- 2025 (draft): No proposed changes specific to rural areas. The proposed change is related to addressing instability in annual map updates – to use a three-year rolling average for education indicators, which improves map stability in both rural and non-rural areas.

High-Poverty & Racially Segregated areas methodology

1. How are high-poverty and racially segregated areas defined?

A high-poverty and segregated area overlay identifies areas that meet standards for both concentrated poverty and racial segregation. Concentrated poverty is defined as tracts with at least 30% of the population falling under the federal poverty line. Racial segregation is defined as tracts with a racial/ethnic Location Quotient of higher than 1.25 for Black, Hispanic, Asian, or all people of color in comparison to the county. The Location Quotient is a small-area measure of relative segregation calculated at the residential census tract level that represents how much more segregated an area (e.g., a census tract or block group) is relative to the larger area (in this case, the county).

2. Why is the methodology for identifying high-poverty and racial segregated places a separate mapping layer rather than a filter?

The draft 2025 Opportunity Map identifies high poverty and segregated areas using an overlay. In previous iterations of the map prior to 2024, these areas were "filtered" out from the pool of tracts across the state and were not given opportunity scores. The revised approach allows stakeholders to see both whether a tract is in a High-Poverty & Segregated area as well as its underlying opportunity score and indicator values. The purpose of this change is to increase transparency by communicating the underlying opportunity-related characteristics of segregated areas of concentrated poverty. Under the filter method, stakeholders raised concerns that gentrifying neighborhoods could be caught in the filter if they successfully preserve affordable housing and prevent displacement of high poverty households and people of color. The research partner's analysis found that the vast

**SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use
Exhibit H - CTCAC / HCD Opportunity Map FAQs and Methodology**

majority of segregated areas of poverty were low resource, but in rare cases, gentrifying, moderate-to-high resource neighborhoods were caught in the filter. The overlay approach allows state housing agencies to make explicit policy decisions about how to treat neighborhoods that are both segregated and high poverty, in accordance with their AFFH strategies.

2025 Methodology for Opportunity and High-Poverty & Segregated Area Mapping Tools

December 2024

Table of Contents

Background and Purpose..... 3

 Purpose of the mapping tools 3

 About the research partners 4

Opportunity Methodology 5

 Overview of the mapping approach 5

 Excluding tracts or block groups 6

 Regional boundaries 6

 Identifying and categorizing opportunity in rural tracts..... 7

 Indicators..... 8

 Economic 9

 Education 11

 Environmental..... 14

High-Poverty & Segregated Area Methodology..... 16

Background and Purpose

About affirmatively furthering fair housing

As defined in state law,¹ affirmatively furthering fair housing (AFFH) means taking meaningful actions, in addition to combating discrimination, that overcome patterns of segregation and foster inclusive communities free from barriers that restrict access to opportunity based on protected characteristics. Specifically, affirmatively furthering fair housing means taking meaningful actions that, taken together:

- Address significant disparities in housing needs and in access to opportunity,
- Replacing segregated living patterns with truly integrated and balanced living patterns,
- Transforming racially and ethnically concentrated areas of poverty into areas of opportunity, and
- Fostering and maintaining compliance with civil rights and fair housing laws.

Purpose of the mapping tools

Each mapping tool described in this methodology documentation is intended to be used to advance specific AFFH objectives. A summary of each mapping tool's purpose is included below.

Opportunity: The opportunity map identifies areas in every region of the state whose characteristics have been shown by research to be associated with positive economic, educational, and health outcomes for low-income families—particularly long-term outcomes for children.² As such, the map is intended to inform efforts to advance the AFFH objective of increasing access to opportunity. CTCAC adopted this map into its regulations in December 2017, accompanying new policies aimed at increasing access to high-opportunity areas for families with children in housing financed with 9% Low Income Housing Tax Credits (LIHTCs). For this reason, the research partners aligned this map and the methodology behind it with the competitive funding infrastructure for the 9% LIHTC program (e.g., geographic competition). The map has also since been used to inform similar policies in other state affordable housing funding programs, such as HCD's Multifamily Finance Super NOFA and the California Debt Limit Allocation Committee's regulations. However, some methodological adjustments may be called for if the map is applied to broader contexts and different application processes.

High-Poverty & Segregated Areas: The high-poverty and segregated overlay identifies areas that meet standards for both high or "concentrated" poverty rates (30% or more of the population below the federal poverty line) and racial segregation (overrepresentation of individual non-white racial/ethnic groups and/or people of color as a whole relative to the county). The use of this overlay is grounded in two guiding AFFH objectives: to avoid further segregation and poverty concentration, and to increase access to opportunity for low-income families.

¹ For more information on HCD's approach to advancing AFFH objectives, see: <https://www.hcd.ca.gov/planning-and-community-development/affirmatively-furthering-fair-housing>.

² The mapping methodology is narrowly tailored towards upward mobility for children of low-income families. Although the methodology includes indicators relevant to other populations, some indicators associated with positive outcomes for those populations may not be included.

**SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use
Exhibit H - CTCAC / HCD Opportunity Map FAQs and Methodology**

About the research partners

In February 2017, the Department of Housing and Community Development (HCD) and the California Tax Credit Allocation Committee (CTCAC) convened a group of independent organizations and research centers, referred to henceforth as the “research partners,” to provide research support and develop evidence-based approaches – including the mapping tools described in this methodology documentation – to help advance AFFH objectives.³

³ The research partners currently include representation from the Othering & Belonging Institute at UC Berkeley, the Turner Center for Housing Innovation at UC Berkeley, and the California Housing Partnership.

Opportunity Methodology

Overview of the mapping approach

One of the challenges in creating an opportunity map to inform statewide housing policy is that California contains significant regional variation – from Central Valley cities and towns, to Los Angeles, to the San Francisco Bay Area, to rural areas throughout the state.

Using absolute thresholds for place-based opportunity could introduce comparisons between very different areas of the state that make little sense from a policy perspective—in effect, holding a farming community to the same standard as a dense, urbanized neighborhood in one of the state’s coastal cities. Deriving opportunity scores through comparison to the entirety of the state would align neither with realistic moving patterns of families, nor with the infrastructure for affordable housing funding programs—where applicants for family-targeted affordable housing typically compete with other applicants in the same region, and rural applicants compete in a separate funding pool.

To allow state housing agencies to incentivize equitable development patterns within each part of the state, the Opportunity Map identifies the neighborhoods that score better across nine economic, educational, and environmental indicators relative to other neighborhoods in the same region. These indicators are described in detail below.

A neighborhood’s score for each economic and educational indicator (described later in this document) is determined by whether it falls above or below the median (50th percentile) tract or block group value within each region. Each indicator that falls above the regional median adds 1 point to the final score.

The opportunity score also reflects local environmental conditions. The Opportunity Map uses a subset of data from the CalEnviroScreen 4.0 tool to identify the geographies that have the highest potential – defined here as ranking in the highest 5% of regional environmental burden – to expose vulnerable populations to nearby health and safety threats. Places with this “hazard flag” have 1 point subtracted from the final score. This approach is described in more detail below.

Regional median and top 5% values are calculated based on urban tracts and/or rural block groups within each region.⁴ For counties outside of the 8 urban regions, defined below, regional medians are calculated separately for each county. To account for the presence of missing values for indicators in certain tracts or block groups, any tracts or rural block groups for which more than 2 of the indicators are missing are removed from consideration and receive no designation.

Using this method, the final scores are divided into four primary categories:

- 8 or 9 = “Highest Resource”
- 6 or 7 = “High Resource”

⁴ For rural geographies, the regional medians for economic and educational indicators are calculated at the block group level. However, because CalEnviroScreen data are not available at the block group level, environmental hazard percentile ranks are calculated at the census tract level. The environmental hazard percentile rank calculated at the census tract level is assigned to each of the block groups within a given rural census tract.

SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use Exhibit H - CTCAC / HCD Opportunity Map FAQs and Methodology

- 4 or 5 = “Moderate Resource”
- 3 or lower = “Low Resource”

Excluding tracts or block groups

The tool also excludes certain census areas from being categorized. To improve the accuracy of the mapping, tracts and rural block groups with the following characteristics are excluded from categorization based on indicator scores:

- Areas with unreliable data, as defined earlier in this document;
- Areas where people residing in institutional facilities make up at least 75 percent of the population;⁵
- Areas with population density below 25 people per square mile and total population below 750; and
- Areas where at least half of the age 16+ population is employed by the armed forces, in order to exclude military base areas where it is not possible to develop non-military affordable housing.⁶

Excluded tracts and rural block groups are identified as “Insufficient Data” on the mapping tool or “N/A” in the public data file.

Regional boundaries

To determine the regional definitions, the Opportunity Map mostly mirrors the geographic apportionments designated within CTCAC’s regulations but bundles some of these apportionments to create more accurate regions, with guidance from CTCAC and HCD. Following is a list of the opportunity map regions with the respective geographic apportionment(s) captured in that region:

Opportunity Mapping Region	Geographic Apportionment in CTCAC Regulations
Los Angeles Region	City of Los Angeles
	Balance of Los Angeles County
Bay Area Region	East Bay Region
	South and West Bay Region
	San Francisco County
	Marin, Napa, Solano, and Sonoma Counties (from the Northern Region)
Central Valley Region	Central Valley Region
San Diego County	San Diego County
Capital Region	Capital Region minus Sutter and Yuba Counties
Inland Empire Region	Inland Empire Region
Orange County	Orange County

⁵ Institutional facilities include adult correctional facilities, juvenile facilities, skilled-nursing facilities, and other institutional facilities such as mental (psychiatric) hospitals and in-patient hospice facilities. Percentage of population residing in institutional facilities is derived from 2020 Census table P5_002N.

⁶ Percentage of population employed by the armed forces is derived from ACS table B23025_006.

**SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use
Exhibit H - CTCAC / HCD Opportunity Map FAQs and Methodology**

Central Coast Region	Central Coast Region
Rural Areas	Non-metropolitan counties, plus Butte, Shasta, Sutter, and Yuba Counties, as well as tracts that are eligible for Section 515 ⁷

Please refer to the CTCAC regulations for a list of counties included in each geographic apportionment.

Identifying and categorizing opportunity in rural tracts

The Opportunity Map measures opportunity in rural parts of the state at the block group level, rather than at the tract level as in the rest of the state. Since tracts in rural areas of California are approximately 37 times larger in land area than tracts in non-rural areas, tract-level data in rural areas may mask over variation in opportunity and resources within these tracts. Assessing opportunity at the block group level in rural areas reduces this difference by 90 percent (each rural tract contains approximately three block groups), and thus allows for finer-grained analysis.

Although rural areas are evaluated at the block group level, the rural designation is assigned by Census tract, rather than block group, to maintain consistency with urban and rural evaluation, i.e. to avoid a scenario in which a tract is split between rural and urban areas, the latter of which are evaluated by tract. To capture the diverse array of rural communities across the state—both within and outside of designated metropolitan statistical areas—this methodology takes a three-tiered approach to identifying rural census tracts. For mapping purposes, tracts that fall in the “Rural Areas” category include:

1. All tracts in the following Non-Metropolitan counties: Alpine, Amador, Calaveras, Colusa, Del Norte, Glenn, Humboldt, Inyo, Lake, Lassen, Mariposa, Mendocino, Modoc, Mono, Nevada, Plumas, Sierra, Siskiyou, Tehama, Trinity, and Tuolumne;
2. All tracts in Butte, Shasta, Sutter, and Yuba Counties;
3. Any other non-urbanized block group with at least half its population in an area deemed as rural on the U.S. Department of Agriculture’s online multifamily mapping application.

Any tract that falls within the 25 counties listed above is designated as a “Rural Area.” Beyond those counties, the research partners identified areas in the state that correspond with rural areas on the U.S. Department of Agriculture’s online multifamily maps.

These areas were then overlaid with census tract boundaries to identify what share of the population within a tract falls within the rural area. If at least 50 percent of a tract’s population is located within census blocks which have their population-weighted centroid within the rural area, that census tract was allocated to the “Rural Areas” designation.⁸

For block groups that fall within the rural designation, the maps take a slightly different approach to allocating resource categories. Because rural areas span the state (including both poorer and wealthier regions), rural block groups are ranked in comparison to other rural block groups within the same county, as long as there are at least two observations for any given indicator.

⁷ The Section 515 Rural Rental Housing program is a USDA program that provides affordable rental housing for very low-, low-, and moderate-income families, elderly persons, and persons with disabilities in rural areas.

⁸ Blocks are the smallest geographic unit available in the U.S. Census.

SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use Exhibit H - CTCAC / HCD Opportunity Map FAQs and Methodology

Indicators

Indicators used in the CTCAC/HCD Opportunity Map are selected based on the following criteria:

- Evidence from peer-reviewed research that the indicator is linked to improved life outcomes for low-income families, particularly children
- Reliable data
- Publicly available data
- Statewide data coverage
- Fine geographic detail⁹

See below for the full list of opportunity indicators, measures, and data sources.

Indicator	Measure	Data Source	Table
Above 200 Percent of Poverty	Percent of population with income above 200% of federal poverty line	2018-2022 ACS	Table C17002
Adult Education	Percent of adults with a bachelor's degree or above	2018-2022 ACS	Table B15003
Employment	Percent of adults aged 20-64 who are employed in the civilian labor force or in the armed forces	2018-2022 ACS	Table B23024
Median Home Value	Value of owner-occupied units	2018-2022 ACS	Table B25077
Environmental Burden	CalEnviroScreen 4.0 Site-Based Pollution Indicators	CalEnviroScreen 4.0	Variables: solid waste sites, groundwater threats, cleanup sites, hazardous waste facilities
Math proficiency	Percentage of 4th graders who meet or exceed math proficiency standards	2018-2019 ¹⁰ , 2021-2022, 2022-2023 California Department of Education (DOE)	
Reading proficiency	Percentage of 4th graders who meet or exceed literacy standards	2018-2019, 2021-2022, 2022-2023 CA DOE	

⁹ Data include point source coordinates or are aggregated into small-area geographies such as Census tracts and block groups.

¹⁰ 2018-2019 math and reading score data are used because data are not available for 2019-2020 and relatively few schools administered tests in 2020-2021 due to pandemic related complications.

SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use Exhibit H - CTCAC / HCD Opportunity Map FAQs and Methodology

High school graduation rate	Percentage of high school cohort that graduated on time	2020-2021, 2021-2022, 2022-2023 CA DOE	
Student poverty rate	Percentage of students not receiving free or reduced-price lunch	2021-2022, 2022-2023, 2023-2024 CA DOE	

It should also be acknowledged that an opportunity map's accuracy in measuring place-based resources is limited by the accuracy of the data underlying it. Data may be derived from self-reported surveys of subsets of an area's population, and sometimes may not be recorded or reliable in some areas. Further, even the most recent publicly available datasets typically lag by two years, meaning they may not reflect the most recent conditions in areas undergoing very rapid change. The methodology described in this document attempts to address each of these limitations to the degree possible. In addition, the research partners update the data contained within the mapping tool annually and review the methodology to make improvements over time.¹¹

The rationale and metric for each indicator (economic, education, and environmental) is described in more detail below.

Economic

Poverty Rate. Neighborhood poverty rates have been shown through numerous studies to be a strong indicator of an area's level of resources, risk, and opportunity, and predictor of key life outcomes for low income children in particular. Living in high-poverty areas increases exposure to localized risks—such as violent crime, low-quality and underfunded schools, and pollution—that have been shown to contribute to toxic stress, poor physical and mental health, low educational attainment, and impaired cognitive development in children. On the other hand, living in low poverty areas has been shown to be associated with substantial benefits such as higher educational attainment and long-term earnings increases for low-income children, as well as improved mental and physical health for both children and adults.¹²¹³¹⁴

This indicator is measured using two hundred percent of the poverty line to reflect the higher cost of living in California. Because each indicator is designed to measure opportunity in a positive sense, this indicator is measured as the percent of a tract's or rural block group's residents who live above 200 percent of the federal poverty line.¹⁵

¹¹ The code used to calculate the opportunity scores also goes through an annual review process for quality assurance. Year over year changes in opportunity designations are also reviewed on an annual basis.

¹² For a summary of this research, see "Evidence Shows that Neighborhoods Affect Children's Well-Being and Long-Term Success" in Sard, B., & Rice, D. (2016). Realizing the Housing Voucher Program's potential to enable families to move to better neighborhoods. Washington, DC: Center on Budget and Policy Priorities.

¹³ Chetty, R., Hendren, N., & Katz, L.F. (2015). The Effects of Exposure to Better Neighborhoods on Children: New Evidence from the Moving to Opportunity Experiment. Cambridge, MA: Harvard University and National Bureau of Economic Research. http://www.equality-of-opportunity.org/assets/documents/mto_paper.pdf

¹⁴ Chetty, R., Friedman, J., Hendren, N., Jones, M., Porter, S. (2018). The Opportunity Atlas: Mapping the Childhood Roots of Social Mobility. Opportunity Insights. NBER Working Paper No. 25147.

¹⁵ In 2024, the federal poverty line for a family of four is \$31,200.

SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use Exhibit H - CTCAC / HCD Opportunity Map FAQs and Methodology

To prevent college towns from negatively impacting an area's resource score, college and graduate students are removed from the above 200 percent of poverty calculation in areas where they comprise at least 25% of the population. An internal analysis found that without this adjustment, most tracts with high proportions of college students have lower than typical scores relative to the region, many of which are high resource according to other indicators, likely due to the Census classifying many unemployed and partially employed students living off-campus up as poor.

Adult Education Rate. The tract-level share of adults that have earned a bachelor's degree has been shown to be highly correlated with rates of upward economic mobility for low-income children.¹⁶ Higher rates of post-secondary attainment are also predictive of higher wages and improved work opportunities for adults, meaning that families are less likely to be economically insecure.¹⁷ Research has indicated that children living in neighborhoods with a higher average socioeconomic status (SES) are more likely to graduate from high school. Additionally, starting at age three, children living in higher SES neighborhoods and/or with a greater percentage of managerial or professional residents begin to perform better on IQ tests than their peers who live in lower SES neighborhoods.¹⁸ Additional research has shown that an increasing supply of college graduates is associated with higher earnings for other labor force participants. These findings are especially noteworthy because they show that these "spillover" effects are even more pronounced for less skilled workers; a more highly educated labor force leads to higher wage gains for high school dropouts and high school graduates than those with college degrees.¹⁹

This indicator is measured by calculating the percent of adults 25 years and older who have earned at least a bachelor's degree in each tract and rural block group.

Employment Rate. The tract-level share of employed adults has been shown to be highly correlated with rates of upward economic mobility for low-income children.²⁰ Adult unemployment is commonly considered to be an indicator of neighborhood disadvantage that affects not just the individuals who do not have jobs, but members of the entire community.²¹ Areas with low levels of employment see outcomes similar to those with high poverty rates, including poor health outcomes, low birthweight babies, and violent crime.²²

The employment rate is calculated as the percent of individuals in each tract and rural block group age 20-64 who are employed in either the civilian labor force or the armed forces. The employment rate is used because the unemployment rate does not account for individuals who have dropped out of the labor force due to disillusionment with their job prospects.

¹⁶ Chetty, R., Friedman, J., Hendren, N., Jones, M., Porter, S. (2018).

¹⁷ See Bureau of Labor Statistics (2016), "Unemployment Rates and Educational Attainment." Accessed at https://www.bls.gov/emp/ep_chart_001.htm.

¹⁸ For a full review of the literature on how living in neighborhoods with high socio-economic statuses and/or high adult education rates, see Leventhal, T., & Brooks-Gunn, J. (2000). The neighborhoods they live in: The effects of neighborhood residence on child and adolescent outcomes. *Psychological Bulletin*, 126(2), 309–337. <https://doi.org/10.1037//0033-2909.126.2.309>.

¹⁹ Moretti, E. (2004). Estimating the social return to higher education: evidence from longitudinal and repeated cross-sectional data. *Journal of Econometrics*, 121(1), 175–212. <https://doi.org/10.1016/j.jeconom.2003.10.015>.

²⁰ Chetty, R., Friedman, J., Hendren, N., Jones, M., Porter, S. (2018).

²¹ 1 Santiago, C. D., Wadsworth, M. E., & Stump, J. (2011). Socioeconomic status, neighborhood disadvantage, and poverty-related stress: Prospective effects on psychological syndromes among diverse low-income families. *Journal of Economic Psychology*, 32(2), 218–230. <https://doi.org/10.1016/j.joep.2009.10.008>.

²² Pearl, M., Braveman, P., & Abrams, B. (2001). The Relationship of Neighborhood Socioeconomic Characteristics to Birthweight Among 5 Ethnic Groups in California. *American Journal of Public Health*, 91(11), 1808–1814.

Home Value. Home value is a strong proxy for neighborhood quality and community resources. Research suggests that neighborhood characteristics, such as school quality, public resources, crime rates, environmental quality and even perceived social benefits are all reflected in home values. For example, research has demonstrated a link between school quality and house prices.²³ Conversely, disruption of schools (such as school closings and redistricting) can be reflected in declining home values.²⁴ Crime, too, has been shown to negatively impact house prices, especially the prevalence of violent crime.²⁵ Researchers have quantified the extent to which factors such as clean air, open spaces, and even well-educated neighbors can all capitalize into house prices.^{26,27,28} Collectively, home prices are directly impacted by a variety of neighborhood characteristics, and are to a large extent a bellwether of the quality of the neighborhood itself.

This indicator is calculated as the median home value (dollars) of owner-occupied housing units for every Census tract and rural block group.

Education

Starting with the draft 2025 Opportunity Map, a three-year rolling average of the education indicators (e.g., reading and math proficiency, high school graduation rates, and student poverty) replaced the previous practice of using a single year of data to measure these indicators. The three-year rolling average allows real changes to emerge in map updates over time while limiting the effect of noisy data (year to year variability in the data that does not necessarily reflect real changes). This approach increases year-to-year stability in opportunity designations. Further, averaging multiple years of education data mirrors the approach used for the economic indicators in the map (the ACS estimates used for the economic indicators span 5 years of data).

Internal analysis revealed that the map's education indicators tend to be the primary drivers of year-to-year changes in resource designations. The three-year rolling average decreases the number of tracts and block groups shifting by two or more resource designations from one year to another. These cases, though marginal, represent a higher degree of year-to-year instability that indicates possible influence of noisy underlying data. Data used in the Opportunity Map that does not represent real or lasting change – whether due to data reporting error, sampling error, or other sources – present a potential source of instability that should be minimized to the degree practicable, particularly for a mapping tool being used in policy and programs with real stakes over multi-year periods.

²³ Nguyen-Hoang, P., & Yinger, J. (2011). The capitalization of school quality into house values: A review. *Journal of Housing Economics*, 20(1), 30–48. <https://doi.org/10.1016/j.jhe.2011.02.001>.

²⁴ Bogart, W. & Cromwell, B. (2000). How Much is a Neighborhood School Worth? *Journal of Urban Economics* 47, 280-305.

²⁵ Gibbons, S. (2004). The costs of urban property crime. *The Economic Journal*, 114(499).

²⁶ Smith, V. K., & Huang, J.-C. (1995). Can Markets Value Air Quality? A Meta-Analysis of Hedonic Property Value Models. *Journal of Political Economy*, 103(1), 209–227. <https://doi.org/10.1086/261981>.

²⁷ Bolitzer, B., & Netusil, N. (2000). The impact of open spaces on property values in Portland, Oregon. *Journal of Environmental Management*, 59(3), 185–193. <https://doi.org/10.1006/jema.2000.0351>.

²⁸ Gibbons, S. (2003). Paying for Good Neighbours: Estimating the Value of an Implied Educated Community. *Urban Studies*, 40(4), 809–833. <https://doi.org/10.1080/0042098032000065317>.

SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use Exhibit H - CTCAC / HCD Opportunity Map FAQs and Methodology

Pandemic-related gaps in the data mean that some education indicators (i.e. test scores) do not have three consecutive years of complete and reliable data available. In these instances, indicators draw from the three most recent years of available data to create the rolling average.

Math and Reading Proficiency. Elementary school test scores from 3rd and 4th grade are considered in the literature to be strong proxies for the level of resources and opportunity during early childhood both in local schools and more broadly in communities.²⁹ Indeed, studies have shown that test scores should be understood as an output of students' neighborhood conditions—such as whether they live in a high-poverty or high-crime area—and not only of students' individual abilities and family backgrounds, or the quality of the schools they attend.^{30,31} Further, test scores and other measures of school quality are highly correlated with upward mobility for low-income children.³² Proficiency on elementary school-age standardized tests is also a strong predictor of whether individual children will eventually graduate high school,³³ which itself is associated with higher long-term earnings and other social benefits compared to dropping out.³⁴

“Proficiency” is defined as the percentage of students that are performing at grade-level in the 4th grade in each school. Math and reading proficiency scores are calculated as the enrollment weighted average proficiency level of students at the three closest schools, within the same county, to each census tract's centroid. The average value from three schools is used because the methodology does not account for school assignment boundaries, which are different from census tract boundaries.

This approach does have limitations, including that students will attend only one of the three closest schools, so the quality of the school they attend may differ somewhat from the average score that is calculated in each census tract. In addition, this approach does not account for school district assignment policies due to data limitations. However, the academic literature suggests that low-income students are more likely to attend their neighborhood schools even when they have a choice to go elsewhere,³⁵ and that choice-based assignment policies can have the effect of worsening school segregation.³⁶ Further, experts and researchers consulted as part of a review of education indicators and measurements used in the Opportunity Map

²⁹ See, for example: Reardon, Sean F. 2017. Educational Opportunity in Early and Middle Childhood: Variation by Place and Age. Stanford Center for Education Policy Analysis. Working Paper No. 17-12.

³⁰ Burdick-Will, J., Ludwig, J., Raudenbush, S. W., Sampson, R. J., Sanbonmatsu, L., & Sharkey, P. (2011). “Converging evidence for neighborhood effects on children's test scores: An experimental, quasi-experimental, and observational comparison.” In G.J. Duncan & R.J. Murnane (Eds.) *Whither Opportunity: Rising Inequality, Schools, and Children's Life Chances* (255- 276). New York: Russell Sage Foundation.

³¹ Schwartz, H. (2012). “Housing Policy is School Policy: Economically Integrative Housing Promotes Academic Success in Montgomery County, Maryland,” in Khahlenberg, R.D. (ed.), *The Future of School Integration*. New York City: The Century Foundation).

³² Chetty, R., Friedman, J., Hendren, N., Jones, M., Porter, S. (2018)

³³ Fiestler, L. (2013). *Early Warning Confirmed: A Research Update on Third-Grade Reading*. The Annie E. Casey Foundation. <http://www.aecf.org/m/resourcedoc/AECF-EarlyWarningConfirmed-2013.pdf>.

³⁴ Sum, A. et al. (2009). *The Consequences of Dropping Out of High School: Joblessness and Jail for High School Dropouts and the High Cost for Taxpayers*. Northeastern University Center for Labor Market Studies. <http://www.issuelab.org/resources/14510/14510.pdf>.

³⁵ Vernez, G. et al. (2009). *State and Local Implementation of the No Child Left Behind Act: Volume VII -- Title I School Choice and Supplemental Educational Services: Final Report*. Santa Monica, CA: RAND Corporation, 2009. <https://www.rand.org/pubs/reprints/RP1383.html>. Gill, B., et al. (2008). *State and Local Implementation of the No Child Left Behind Act: Volume IV -- Title I School Choice and Supplemental Educational Services: Interim Report*. Santa Monica, CA: RAND Corporation, 2008. <https://www.rand.org/pubs/reprints/RP1332.html>.

³⁶ See, for example: Goldstein, D. (2019, April 25). *San Francisco Had an Ambitious Plan to Tackle School Segregation. It Made It Worse*. The New York Times. Retrieved from <https://www.nytimes.com/2019/04/25/us/san-francisco-school-segregation.html>.

expressed that it was not essential to account for assignment boundaries, and that using data from either the closest school or the three closest schools would serve as an accurate proxy for attendance.

High School Graduation Rate. Low graduation rates indicate that schools are not preparing students for the workforce. Students who do not graduate from high school face a variety of challenges later in life, including an increased risk of going to prison and lower wages than their classmates who graduate.^{37,38} In addition, high schools with lower graduation rates have also been found to have disciplinary practices that negatively impact low-income and minority youth as well as lower levels of teacher engagement.³⁹

The high school graduation rate indicator is calculated based on the cohort-weighted average of the three high schools nearest to the tract or rural block group centroid, using California Department of Education data on the percent of students who graduate in four years.⁴⁰

Student Poverty. Studies have consistently shown that attending low-poverty and economically integrated schools boosts educational achievement for low-income students, when compared to attending higher poverty schools.⁴¹ Recent research has concluded that the disparity in school poverty rates that Black and white children experience is the primary mechanism through which racial segregation in schools translates to Black-white academic achievement gaps.^{42,43}

To the extent that accounting for student poverty also to some extent accounts for race and ethnicity due to their historical and ongoing links, , racial integration in schools provides benefits for low-income students and students of color that both overlap and complement the benefits of economic integration in the classroom—including higher levels of educational attainment, reductions in prejudice and negative attitudes across racial groups, and long-term improvements in earnings, health, and rates of incarceration—all while producing no detrimental effects for white children.⁴⁴

As with the math and reading proficiency indicators, student poverty is calculated by averaging the attribute, weighted by school enrollment, from the three closest schools to the population-weighted centroid of each census tract or rural block group. And similar to the poverty indicator, school poverty rates are measured as the percentage of students that do not receive free and reduced-price lunch, to better align with the opportunity-oriented constructions of the other variables.

³⁷ 1 Martin, E. J., Tobin, T. J., & Sugai, G. M. (2003). Current Information on Dropout Prevention: Ideas From Practitioners and the Literature. *Preventing School Failure: Alternative Education for Children and Youth*, 47(1), 10–17. <https://doi.org/10.1080/10459880309604423>.

³⁸ Campbell, L. (2004). As Strong as the Weakest Link: Urban High School Dropout. *High School Journal*, 87(2), 16–24.

³⁹ Christle, C. A., Jolivette, K., & Nelson, C. M. (2007). School Characteristics Related to High School Dropout Rates. *Remedial and Special Education*, 28(6), 325–339. <https://doi.org/10.1177/07419325070280060201>.

⁴⁰ Other graduation indicators exist, such as the percent of 12th graders who graduate within one academic year, but this indicator obscures whether students are repeating grades or dropping out during the first three years of high school.

⁴¹ Ayscue, J., Frankenberg, E., & Siegel-Hawley, G. (2017). Research Brief: The Complementary Benefits of Racial and Socioeconomic Diversity in Schools. The National Coalition on School Diversity: Brief No. 10. <http://schooldiversity.org/pdf/DiversityResearchBriefNo10.pdf>.

⁴² Reardon, S.F., et al. (2019). Is Separate Still Unequal? New Evidence on School Segregation and Racial Academic Achievement Gaps. Stanford Center for Education Policy Analysis Working Paper No. 19-06.

⁴³ Reardon, S. F. (2016). School Segregation and Racial Academic Achievement Gaps. *The Russell Sage Foundation Journal of the Social Sciences*, 2(5), 34-57.

⁴⁴ Ayscue, J., Frankenberg, E., & Siegel-Hawley, G. (2017).

Environmental

Environmental Burden. Local environmental burden adversely affects community-level opportunity. A long history of research on environmental justice has made clear that environmental and health hazards have tended to accumulate in, and continue to disproportionately impact, low-income communities and communities of color which, for a variety of reasons, show higher levels of vulnerability to these hazards.⁴⁵ Environmental hazard data are included in the Opportunity Map in order to identify geographies with high environmental burden and disincentivize new affordable housing development in these areas.

The environmental burden indicator relies on a composite of four indicators that are used in the California Office of Environmental Health Hazard Assessment (OEHHA)'s CalEnviroScreen 4.0 tool (CES) under the "environmental effects" subcomponent of the "pollution burden" domain of CES. These indicators - solid waste sites, groundwater threats, cleanup sites, and hazardous waste facilities - measure the presence and concentration of localized sources of pollution; the indicators are built from data that account for both the number of point sources of pollution within a census tract as well as the distance of a pollution source from populated census blocks within that tract.⁴⁶ While other environmental hazard data remain available via CES, they are no longer included in the Opportunity Map either because they are not measured at a scale that is relevant for differentiating conditions at a census tract level or because they include features that complicate their interpretation.

The environmental burden indicator scores work differently than the economic and education indicators. Instead of being used individually, the CES indicator scores for solid waste sites, groundwater threats, cleanup sites, and hazardous waste facilities are averaged for each census tract. The scores are averaged to mirror CES's method of accounting for the cumulative environmental burden that arises when people and places are simultaneously exposed to multiple contaminants from multiple sources. Once averaged, the top 5% of tracts regionally are flagged to identify the places with the highest potential to expose vulnerable populations to nearby health and safety threats.⁴⁷ The flagged geographies receive a one point deduction in their opportunity score, which operationalizes the concept that local environmental burden can be a drag on community-level opportunity.

Functionally, opportunity is defined by the eight economic and educational indicators, and the environmental burden indicator only affects overall scores when environmental burden is most severe. This protocol reflects a degree of caution in using CES's environmental effects data. While the data are good proxies for measuring the concentration of nearby environmental hazards, there can be variation within a census tract in terms of how close a proposed

⁴⁵ See, for example, Kreig, E. et al. (2004). Not so Black and White: environmental justice and cumulative impact assessments. *Environmental Impact Assessment Review* 24(7-8). <https://doi.org/10.1016/j.eiar.2004.06.008>; Morello-Frosch, R. et al. (2011). Understanding The Cumulative Impacts Of Inequalities In Environmental Health: Implications For Policy. *Health Affairs*, 30(5). <https://doi.org/10.1377/hlthaff.2011.0153>; Mohai, P. et al. (2015). Which came first, people or pollution? Assessing the disparate siting and post-siting demographic change hypotheses of environmental injustice. *Environmental Research Letters*, 10(11). <https://doi.org/10.1088/1748-9326/10/11/115008>; Chakraborty, J. et al. (2016). Environmental Justice Research: Contemporary Issues and Emerging Topics. *Int. J. Environ. Res. Public Health*, 13(11). <https://doi.org/10.3390/ijerph13111072>.

⁴⁶ See the CalEnviroScreen 4.0 report for additional details and documentation:

<https://oehha.ca.gov/media/downloads/calenviroscreen/report/calenviroscreen40reportf2021.pdf>

⁴⁷ Note that for rural geographies, block group level data are used for economic and educational indicators. However, because CalEnviroScreen data are not available at the block group level, environmental burden percentile ranks are calculated at the census tract level. The environmental burden percentile rank calculated at the census tract level is assigned to each of the block groups within a given rural census tract.

**SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use
Exhibit H - CTCAC / HCD Opportunity Map FAQs and Methodology**

affordable housing development might be to particular sources of pollution. Also of note is that this map update uses 2020 census tract boundaries, while CalEnviroScreen indicators are currently available only for 2010 census tract boundaries. 2010 CES data had to be transformed to 2020 boundaries; for this version of the methodology, all 2020 census tracts for which at least 80% of the total land area overlaps with a 2010 tract designated as having a high environmental burden is also assigned as having a high environmental burden.⁴⁸ This data transformation approach is approximate, and will be used only until OEHHA issues updated environmental data that aligns with 2020 geographies. These limitations mean that the CES data are not a perfect match for the task of generating an exact spatial buffer around a given set of pollution sources. Additionally, CES data do not measure the level of exposure to those hazards or indicate the level and type of risk they might generate. As noted in CES documentation, “risk assessment requires extensive characterization of the chemicals present, the routes and levels of exposure, and the dose-response relationship for hundreds of chemicals for which data are neither currently available nor likely to be generated in the foreseeable future.”⁴⁹ CES does not aim to tackle this set of complex risk pathways; rather, it is designed to more generally identify those places that are relatively more burdened by compounding pollutants than others. The data use protocol outlined here aims to ensure that CES data only impact opportunity scores for those places where the regional environmental burden is highest.

Finally, since the environmental burden indicator identifies geographies with the top 5% of hazards in each region or rural county, it is only calculated if there are at least 20 tracts within that region or rural county (since the indicator is calculated at the tract level in both urban and rural contexts). In rural counties with fewer than 20 tracts, tracts and the block groups they contain are identified as having high environmental burden if they are in the top 5% of the state.

⁴⁸ The 80% overlap threshold was selected after testing for a cutoff point that includes the majority of 2010 geographies while also ensuring that 2020 tracts are not misclassified as having high environmental burden. Note that this is a custom transformation of CalEnviroScreen data to 2020 geographies for the purpose of this mapping tool.

⁴⁹ <https://oehha.ca.gov/media/downloads/calenviroscreen/report/calenviroscreen40reportf2021.pdf>

High-Poverty & Segregated Area Methodology

A high-poverty and segregated area overlay identifies areas that meet standards for both concentrated poverty (defined as 30% of the population below the federal poverty line) and racial segregation (overrepresentation of people of color relative to the county).

This overlay is intended to be used to support multiple AFFH objectives, including place-based efforts which seek to transform racially and ethnically concentrated areas of poverty into areas of opportunity, as well as policies which seek to replace segregated living patterns with truly integrated and balanced living patterns.

The high-poverty and racial segregation overlay also aligns with the intent of the federal designation of Racially/Ethnically Concentrated Areas of Poverty (RECAPs). However, the federal RECAP standard—which categorizes all areas where more than half the population people of color as areas of racial or ethnic concentration⁵⁰ – is not adapted to the racial and ethnic demographics in many parts of California.

Racial segregation has functioned as a powerful mechanism for unequal distribution of resources and access to opportunity by jurisdiction and neighborhood—resulting, over time, in racially segregated neighborhoods with many predominantly Black and Latinx neighborhoods, in particular, characterized by concentrated poverty, higher levels of environmental and social risk, and fewer resources or opportunities for educational and economic advancement.⁵¹ An extensive body of research has documented the harms of racial segregation and concentrated poverty, both independently and in combination—controlling for family background, income, and housing affordability—on children’s educational attainment and long-term economic prospects, as well as on the mental and physical health of both children and adults.⁵²

The overlay uses a two-stage approach for identifying high-poverty and segregated areas.

⁵⁰ More information on R/ECAPs, including a visualization tool, can be found on the U.S. Department of Housing and Urban Development website: https://egis-hud.opendata.arcgis.com/datasets/320b8ab5d0304daaa7f1b8c03ff01256_0.

⁵¹ For a history of racial segregation in metropolitan America and the creation of segregated areas of concentrated poverty, see, for example: Rothstein, R. (2017). *The Color of Law: A Forgotten History of How Our Government Segregated America*. Liveright Publishing Corporation

⁵² See, for example: Chetty, R., Friedman, J., Hendren, N., Jones, M., Porter, S. (2018); Chetty, R., Hendren, N., & Katz, L.F. (2015); Ayscue, J., Frankenberg, E., & Siegel-Hawley, G. (2017); Johnson, R. (2011). Long-Run Impacts of School Desegregation & School Quality on Adult Attainment. National Bureau of Economic Research. Working Paper 16664; Sanbonmatsu, et al. (2011). Moving to Opportunity for Fair Housing Demonstration Program: Final Impacts Evaluation. Prepared for: U.S. Department of Housing and Urban Development, Office of Policy Development & Research. November; Ludwig, et al. 2011. Neighborhoods, Obesity, and Diabetes—A Randomized Social Experiment. *New England Journal of Medicine*. 365:1509-1519. October 20; and Kershaw, K. et al. (2017); Association of Changes in Neighborhood-Level Racial Residential Segregation With Changes in Blood Pressure Among Black Adults: The CARDIA Study. *JAMA Internal Medicine*, 177(7), 996–1002; Krieger, N., Feldman, J. M., Waterman, P. D., Chen, J. T., Coull, B. A., & Hemenway, D. (2017). Local Residential Segregation Matters: Stronger Association of Census Tract Compared to Conventional City-Level Measures with Fatal and Non-Fatal Assaults (Total and Firearm Related), Using the Index of Concentration at the Extremes (ICE) for Racial, Economic, and Racialized Economic Segregation, Massachusetts (US), 1995-2010. *Journal of urban health: bulletin of the New York Academy of Medicine*, 94(2), 244–258. <https://doi.org/10.1007/s11524-016-0116-z>; Osypuk, T. L., & Acevedo-Garcia, D. (2010). Beyond individual neighborhoods: a geography of opportunity perspective for understanding racial/ethnic health disparities. *Health & place*, 16(6), 1113–1123. <https://doi.org/10.1016/j.healthplace.2010.07.002>; Williams, D. and Collins, C. (2001). Racial Residential Segregation: A Fundamental Cause of Racial Disparities in Health. *Public Health Reports*. Volume 116. the literature review in Sard, B. & Rice, D. (2016); and the literature review in Menendian, S., Gailles, A. (2019). *The Harmful Effects of Segregation (Racial Segregation in the San Francisco Bay Area, Part 4)*. The Othering & Belonging Institute at UC Berkeley

SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use Exhibit H - CTCAC / HCD Opportunity Map FAQs and Methodology

High-Poverty: First, the overlay identifies tracts and rural block groups where at least 30 percent of the population is living below the poverty line. Research has found that the impact of neighborhood poverty rates in producing negative outcomes for individuals begin to appear after an area exceeds approximately 20 percent poverty, whereupon the externality effects grow rapidly until the neighborhood reaches approximately 40 percent poverty.⁵³

Similar to the above 200 percent poverty indicator, college and graduate students are removed from the poverty calculation in the overlay in tracts where they comprise at least 25% of the population, in this case to prevent college towns from distorting the overlay's concentrated poverty measure. An internal analysis found that without this adjustment, some tracts with high proportions of college students—many of which have high opportunity scores—are shown as having poverty rates exceeding 30 percent. The total population living in areas of extreme poverty declined in the 1990s, following government action designed to affirmatively counteract intentionally segregationist public policy.⁵⁴ Following national trends, however, concentrated poverty has risen dramatically in California since 2000.⁵⁵

Racial Segregation: Second, the overlay relies on a measure of racial segregation to capture which tracts and rural block groups have a disproportionate share of households of color. Setting an absolute threshold (as the federal RECAP metric does) does not account for substantial variation in the racial and ethnic population across California's counties. To properly account for the features of inequality operating on individuals at the neighborhood level, a relative segregation measure is more appropriate to reflect the experience of residents.⁵⁶ The overlay relies on the location quotient of residential racial segregation (LQ), which is increasingly being used in studies that seek to assess the impact of racial segregation on individual and community outcomes⁵⁷ and has been used to examine, for example, linkages between residential segregation and public health outcomes.⁵⁸ The LQ is a small-area measure of relative segregation calculated at the residential census tract level that represents how much more segregated an area (e.g., a census tract or block group) is relative to the larger area (in this case, the county).⁵⁹ For the overlay, tracts that have an LQ higher than 1.25 for Black, Hispanic, Asian, or all people of color are flagged as being racially segregated in comparison to the county.

Census tracts and rural block groups that have both a poverty rate of over 30 percent and that are designated as being racially segregated are identified in the high-poverty and segregated overlay. Due to data unreliability at the block group level in the poverty indicator, "High-Poverty and Segregated" is designated at the tract level in rural areas.

⁵³ Galster, George C. (2010). "The Mechanism(s) of Neighborhood Effects: Theory, Evidence, and Policy Implications." Presentation at the ESRC Seminar, St. Andrews University, Scotland, UK, 4–5 February 2010.

⁵⁴ Berube, A., & Katz, B. (2005). *Katrina's window: Confronting poverty across America*. Brookings Institution.

⁵⁵ California Housing Partnership Corporation (CHPC) tabulation of data provided in Kneebone, E. and Holmes, N. (2016). *U.S. concentrated poverty in the wake of the Great Recession*. Brookings. <https://www.brookings.edu/research/u-s-concentrated-poverty-in-the-wake-of-the-great-recession/>.

⁵⁶ Wong, D. W. S. (2002). Modeling Local Segregation: A Spatial Interaction Approach. *Geographical and Environmental Modelling*, 6(1), 81–97. <https://doi.org/10.1080/13615930220127305>

⁵⁷ Sudano, J. J., Perzynski, A., Wong, D. W., Colabianchi, N., & Litaker, D. (2013). Neighborhood racial residential segregation and changes in health or death among older adults. *Health & Place*, 19(Supplement C), 80–88. <https://doi.org/10.1016/j.healthplace.2012.09.015>.

⁵⁸ Pruitt, S. L., Lee, S. J. C., Tiro, J. A., Xuan, L., Ruiz, J. M., & Inrig, S. (2015). Residential racial segregation and mortality among black, white, and Hispanic urban breast cancer patients in Texas, 1995 to 2009. *Cancer*, 121(11), 1845–1855. <https://doi.org/10.1002/cncr.29282>.

⁵⁹ Brown, L. A., & Chung, S.-Y. (2006). Spatial segregation, segregation indices and the geographical perspective. *Population, Space and Place*, 12(2), 125–143. <https://doi.org/10.1002/psp.403>.

**SMH-P25-0001 - SB 35 Notice of Intent Diamond Springs Mixed Use
Exhibit H - CTCAC / HCD Opportunity Map FAQs and Methodology**

HCD and CTCAC do not see the AFFH objectives of reducing segregation and promoting integration as conceptually fitting within the context of Tribal lands, which are the territories of sovereign politically entities. For this reason, the High-Poverty & Segregated Area methodology does not apply to Tribal lands, including land held in trust, where at least 25 percent of the geography's land area is within federally recognized Tribal lands as provided by the Census.

See below for the list of measures and data sources for the high-poverty and racial segregation layer.

Measure	Data Source	Table
Poverty: Tracts with at least 30% of the population falling under the federal poverty line	2018-2022 ACS	ACS Table B17020
Racial Segregation: Tracts with a racial/ethnic Location Quotient of higher than 1.25 for Black, Hispanic, Asian, or all people of color in comparison to the county	2018-2022 ACS	ACS Table B03002