DEVELOPMENT REVIEW AND TENTATIVE MAP

SURREY FARMS

A RESIDENTIAL DEVELOPMENT



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PROJECT DATA

APN 532-16-006, 178 Twin Oaks Drive - Site			
	Existing	Proposed	Required
General Plan Designation	Agriculture	-	-
Zoning	RC	-	-
Use	Vacant - Under Williamson Act Contract	Lots 1-12 Single Family Homes	Subdivision
Gross Lot Area	17.55 acres		
Average Slope	24.91%	27.00%	
Total Units	-	12 units	Max 1
Housing Unit Affordability	-	9 Market, 3 BMR (25%)	
Density DU/AC	-	0.68	1 per 20 acres

MAXIMUM ALLOWABLE DENSITY PER GENERAL PLAN: 1 DWELLING UNIT/20 ACRES = 1 DWELLING UNIT
MAXIMUM ALLOWABLE DENSITY PER ZONING CODE: 1 PRIMARY DWELLING UNIT PER LOT, 20-ACRE MINIMUM = 1 DWELLING UNIT
MAXIMUM ALLOWABLE DENSITY UNDER THE HILLSIDE SPECIFIC PLAN (APPLYING SUB-AREA 2 STANDARDS): 2.5 ACRES PER DWELLING UNIT = 7 DWELLING UNITS
PROJECT DENSITY: 12 UNITS/17.55 ACRES = 0.68 DWELLING UNITS PER ACRE OR 1.46 ACRES PER DWELLING UNIT

NOTE: PRIOR TO THE RECORDATION OF A SUBDIVISION MAP, THE APPLICANT/SUBDIVIDOR SHALL PLACE ON A NOTE ON THE MAP, IN A MANNER THAT MEETS THE APPROVAL OF THE TOWN ENGINEER THAT STATES: "THE PRIVATE STREETS, UTILITIES CONSTRUCTED WITHIN THIS MAP SHALL BE OWNED, OPERATED AND MAINTAINED BY THE DEVELOPER, SUCCESSORS, OR ASSIGNS."

NOTE: AN APPROVED AMMR/PRC 4290 REQUEST OF EXCEPTION IS INCLUDED AND A MODIFIED SPRINKLER SYSTEM WILL BE INSTALLED FOR LOT 10. 6

FAR Calcs

Lot	Application #	Contour Length	Contour Interval	Gross Area (SF)	Gross Area (Acres)	Average Slope (Existing)	Net Lot Area (SF)[1]	Floor Area Ratio Allowed (%)	Allowable Floor Area (SF)[3]
1	S-24-023	1350.92	1	21659	0.50	6.25	21659	22.3	4900
2	S-24-024	1459.21	1	34485	0.79	4.24	34485.00	-[2]	6000
3	S-24-025	3634.42	1	23931	0.55	15.22	19041.59	23.5	4700
4	S-24-026	3365.22	1	25686	0.59	13.13	21511.51	22.3	4900
5	S-24-027	3014.6	1	36842	0.85	8.20	36842.00	-[2]	6000
6	S-24-028	5081.8	1	33979	0.78	14.98	27194.60	19.6	5500
7	S-24-029	13188.86	1	51367	1.18	25.72	27136.13	19.6	5500
8	S-24-030	72099.37	1	213486	4.90	33.84	85394.42	-[2]	6000
9	S-24-031	15866.56	1	74265	1.70	21.40	48855.33	-[2]	6000
10	S-24-032	70002.83	1	238899	5.48	29.36	100165.39	-[2]	6000
11	S-24-033	392.38	1	4785	0.11	8.21	4785.48	34.5	3800
12	S-24-059	553.35	1	4959	0.11	11.18	4346.12	34.5	3800

[1] Net lot area as adjusted for Slope - see Table 1 of Hillside Development Standards
[2] For lots containing a net lot area of more than 32,000 square feet, the maximum gross floor area shall be 6,000 square feet
[3] Accessory buildings including garages larger than 400 sq. ft. are included in the maximum floor area.

PROJECT DESCRIPTION

DEVELOPMENT REVIEW AND TENTATIVE MAP PURSUANT TO SENATE BILL 330 (SB300) AND THE BUILDER'S REMEDY TO ALLOW FOR THE SUBDIVISION OF THE 17.55-ACRE SITE INTO TWELVE (12) LOTS FOR THE CONSTRUCTION OF 12 DETACHED SINGLE FAMILY UNITS. NINE (9) OF THE UNITS WILL BE MARKET RATE AND THREE (3) UNITS (20% OF THE PROJECT) WILL BE BELOW MARKET RATE.

DEVELOPMENT TEAM

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SURREY FARM ESTATES
178 TWIN OAKS DRIVE
DEVELOPMENT REVIEW & TENTATIVE MAP
M-24-013

NO	DATE	DESCRIPTION
6	10/24/25	PER CITY COMMENTS
5	09/15/25	PER CITY COMMENTS
4	07/25/25	PER CITY COMMENTS
3	04/18/25	PER CITY COMMENTS
2	01/08/25	PER CITY COMMENTS

PROJECT NO:	4185.10
CAD DWG FILE:	418510TS.DWG
DESIGNED BY:	DM
DRAWN BY:	DM
CHECKED BY:	
DATE:	AUGUST XX, 2025
SCALE:	NOT TO SCALE

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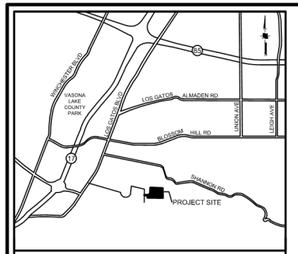
TITLE SHEET

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EXHIBIT 15



VICINITY MAP
NOT TO SCALE

NOTE: SEE INDIVIDUAL SITE & ARCHITECTURE REVIEW PACKAGES (S-24-023 THROUGH S-24-033, -059) FOR SITE & BUILDING DETAILS FOR EACH LOT

LEGEND

- PROJECT BOUNDARY
- LOT LINE (EXISTING)
- LOT LINE (PROPOSED)
- EASEMENT (EXISTING)
- EASMENT (PROPOSED)
- YARD (REQUIRED)
- RIPARIAN AREA
- BIORETENTION AREA
- WETLAND AREA
- STORMDRAIN CULVERT STRUCTURE

ABBREVIATIONS

(E)	EXISTING
(P)	PROPOSED
ESMT	EASEMENT
SSE	SANITARY SEWER EASEMENT (PUBLIC)
SDE	STORM DRAIN EASEMENT (PUBLIC)
EAE	EMERGENCY ACCESS EASEMENT
PSDE	PRIVATE STORM DRAIN EASEMENT
PSE	PUBLIC SERVICE EASEMENT
PAE	PEDESTRIAN ACCESS EASEMENT
PUE	PUBLIC UTILITY EASEMENT

LINE TABLE		
LINE	LENGTH	BEARING
L1	732.09'	S8°53'22"W
L2	1165.83'	N79°26'52"W
L3	149.91'	N15°25'52"E
L4	52.98'	N53°00'09"W
L5	185.71'	N80°25'52"W
L6	235.64'	S80°25'52"E
L7	7.50'	S3°56'08"E
L8	125.07'	N64°33'20"E
L9	56.06'	N33°34'15"E
L10	93.26'	N17°04'15"E
L11	21.53'	N28°11'49"E
L12	307.67'	N1°29'28"E
L13	921.11'	S77°38'38"E
L14	106.65'	N66°32'45"W
L15	13.09'	N82°19'02"E
L16	12.91'	N29°11'49"E

LINE TABLE		
LINE	LENGTH	BEARING
L17	8.62'	N29°11'49"E
L18	143.56'	S34°48'31"E
L19	139.44'	S34°48'31"E
L20	130.71'	S34°48'31"E
L21	13.00'	S33°11'59"E
L22	13.00'	S39°01'24"E
L23	13.00'	S15°30'58"E
L24	13.00'	S26°39'54"E
L25	13.00'	S4°16'43"E
L26	139.49'	N80°28'47"W
L27	203.32'	N79°26'51"W
L29	132.91'	N79°26'53"W
L30	138.72'	S10°34'46"W
L31	144.07'	N10°26'53"E
L32	13.00'	N89°16'51"E
L33	118.32'	S46°56'36"E

LINE TABLE		
LINE	LENGTH	BEARING
L34	41.41'	S60°48'24"W
L35	31.44'	N65°09'23"E
L36	56.20'	N63°51'54"E
L37	113.81'	N52°38'08"W
L38	170.89'	N72°35'51"W
L39	276.64'	N4°42'35"E
L40	149.44'	S11°46'10"W
L41	163.21'	S77°35'36"E
L42	267.79'	S77°35'36"E
L44	490.08'	S77°35'36"E
L45	675.44'	N35°05'14"W
L46	371.18'	S23°05'47"E
L47	327.18'	N79°26'52"W
L54	502.40'	N79°26'52"W

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	40.84'	250.00'	9°21'37"
C2	41.60'	21.40'	111°30'30"
C3	36.31'	57.00'	36°30'00"
C4	106.66'	227.62'	27°34'25"
C5	22.38'	250.00'	5°07'42"
C6	19.46'	249.11'	4°14'49"
C7	168.69'	260.00'	41°34'49"
C8	41.13'	260.00'	9°03'46"
C9	82.92'	185.00'	25°40'54"
C10	68.46'	100.00'	38°52'45"
C11	152.07'	185.00'	59°29'33"
C12	89.51'	62.02'	82°41'54"
C13	34.71'	100.00'	19°53'20"

COVENANTS SHALL BE REQUIRED FOR MAINTENANCE OF THE PRIVATE ROAD BINDING EACH LOT OWNER AND ALL SUBSEQUENT LOT OWNERS, SUCH THAT BY ACCEPTANCE OF A DEED OR OTHER CONVEYANCE, IS DEEMED TO COVENANT AND AGREE THAT IF AT ANY TIME THE TOWN OF LOS GATOS CONCLUDES THAT MAINTENANCE OF THE ROADWAY INCLUDED IN THE COMMON PROPERTY IS NECESSARY AND HAS NOT BEEN DONE BY THE ASSOCIATION, THE TOWN OF LOS GATOS MAY PERFORM SUCH MAINTENANCE AS AGENT FOR THE ASSOCIATION, AND THE TOWN OF LOS GATOS WILL CHARGE THE ASSOCIATION FOR THE COST OF ANY SUCH MAINTENANCE, WHICH CHARGE SHALL BE AN OBLIGATION OF THE ASSOCIATION. SUCH REIMBURSEMENT SHALL BE A COST SUBJECT TO ASSESSMENT, AND THERE SHALL BE A LIEN ON THE PROPERTY, WHICH MAY BE PLACED ON THE TAX BILL AND COLLECTED AS ORDINARY TAXES BY THE TOWN.

0 25 50 100
1 INCH = 50 FEET



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CAD DWG FILE:	4185105P.DWG
DESIGNED BY:	RH
DRAWN BY:	MD/AV
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DATE:	AUGUST XX, 2025
SCALE:	AS SHOWN

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OVERALL SITE PLAN

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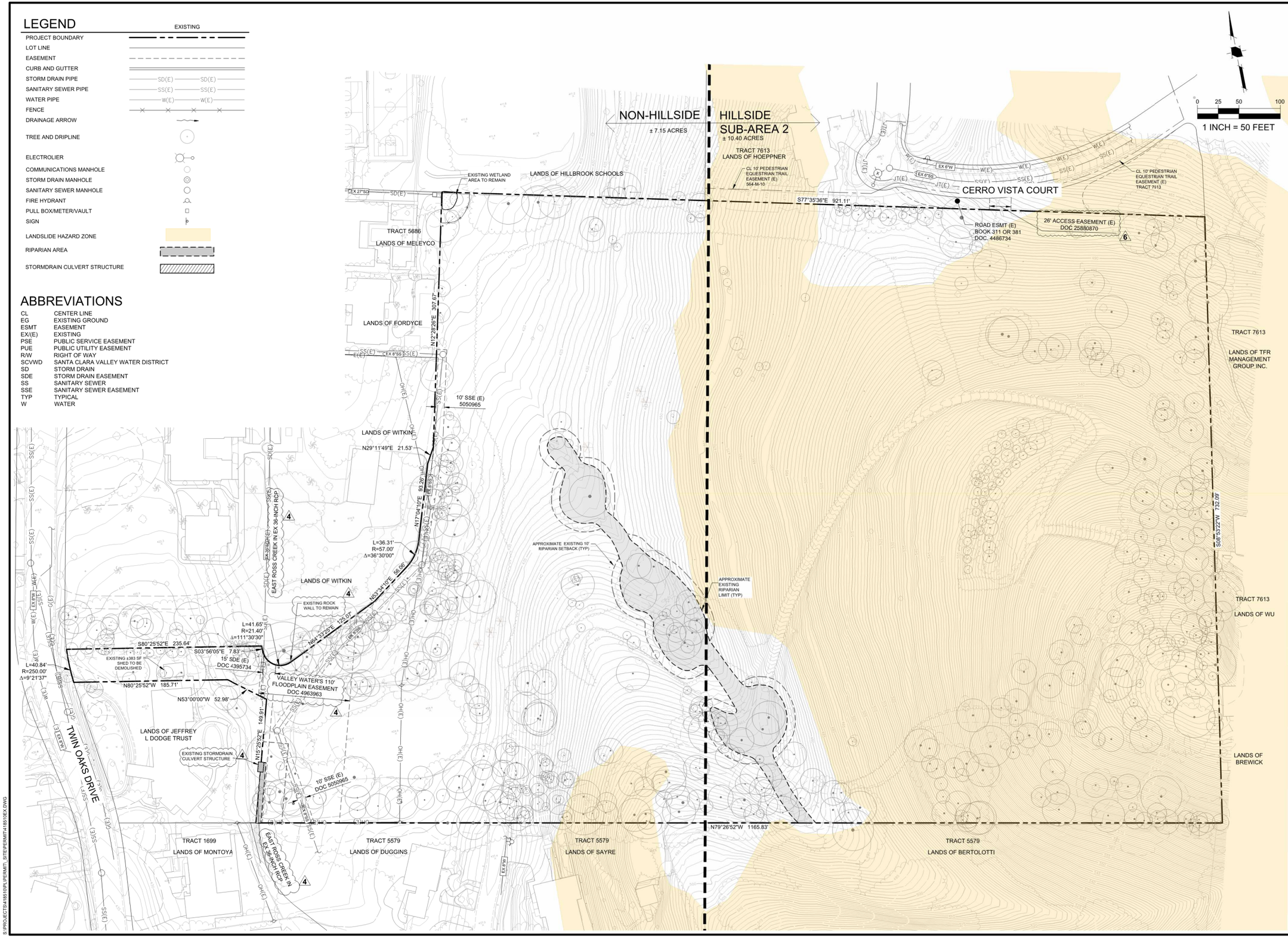
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LEGEND

	EXISTING
PROJECT BOUNDARY	
LOT LINE	
EASEMENT	
CURB AND GUTTER	
STORM DRAIN PIPE	SD(E) SD(E)
SANITARY SEWER PIPE	SS(E) SS(E)
WATER PIPE	W(E) W(E)
FENCE	
DRAINAGE ARROW	
TREE AND DRIPLINE	
ELECTROLIER	
COMMUNICATIONS MANHOLE	
STORM DRAIN MANHOLE	
SANITARY SEWER MANHOLE	
FIRE HYDRANT	
PULL BOX/METER/VAULT	
SIGN	
LANDSLIDE HAZARD ZONE	
RIPARIAN AREA	
STORMDRAIN CULVERT STRUCTURE	

ABBREVIATIONS

CL	CENTER LINE
EG	EXISTING GROUND
ESMT	EASEMENT
EX/(E)	EXISTING
PSE	PUBLIC SERVICE EASEMENT
PUE	PUBLIC UTILITY EASEMENT
R/W	RIGHT OF WAY
SCVWD	SANTA CLARA VALLEY WATER DISTRICT
SD	STORM DRAIN
SDE	STORM DRAIN EASEMENT
SS	SANITARY SEWER
SSE	SANITARY SEWER EASEMENT
TYP	TYPICAL
W	WATER



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EXISTING CONDITIONS

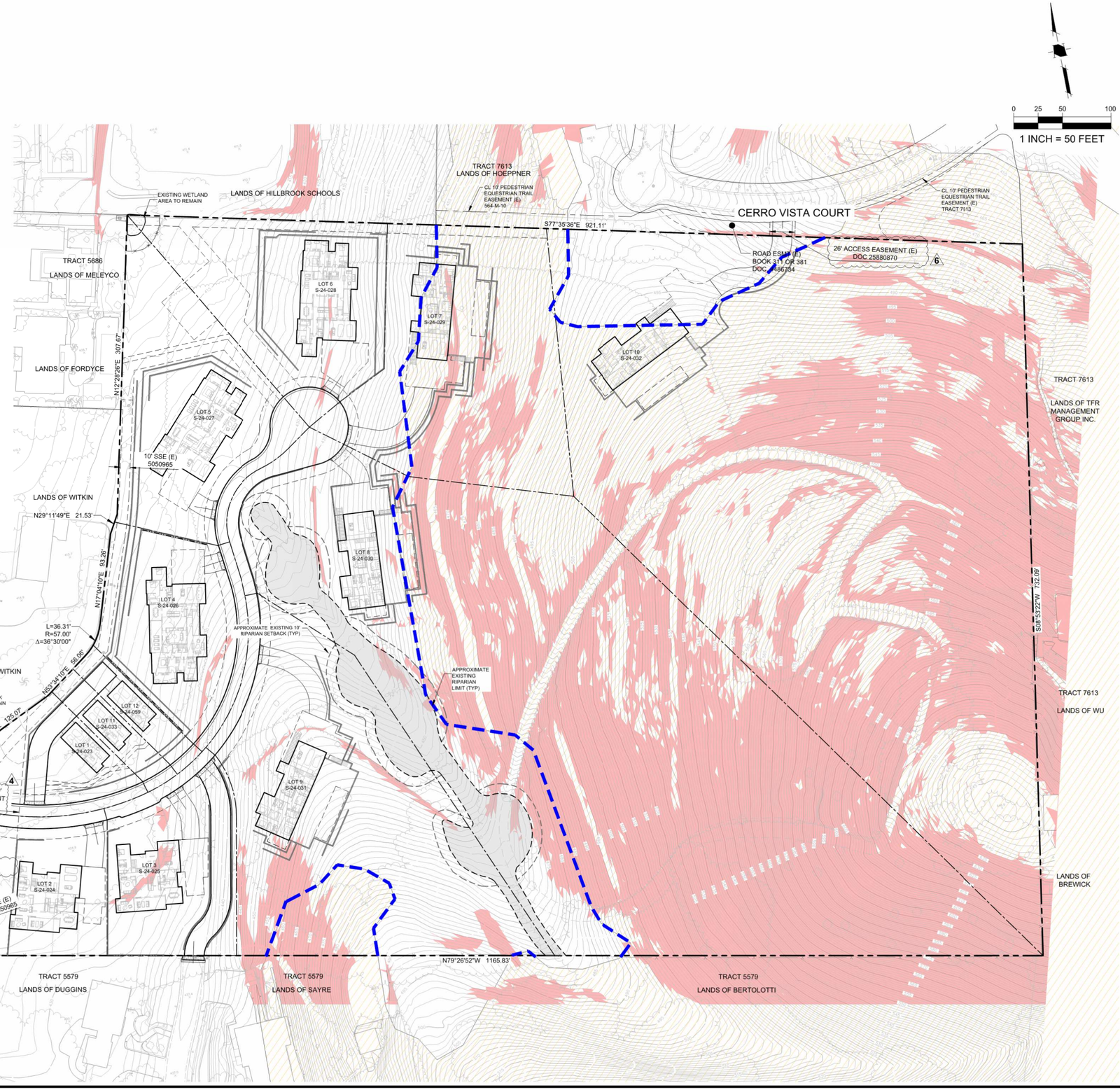
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LEGEND

	EXISTING
PROJECT BOUNDARY	
LOT LINE	
EASEMENT	
CURB AND GUTTER	
FENCE	
TREE AND DRIPLINE	
GREATER THAN 30% SLOPE	
RIPARIAN AREA	
LANDSLIDE HAZARD AREA	



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SURREY FARM ESTATES

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M-24-013

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LRDA

2.3

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LEGEND

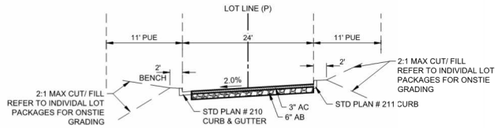
- PROJECT BOUNDARY
- LOT LINE
- PROPERTY LINE (EXISTING)
- EASEMENT
- LIMIT OF CUT VS FILL
- CURB AND GUTTER
- STORM DRAIN PIPE (SD)
- RETAINING WALL WITH SUBDRAIN AND WEEPHOLES. SEE DETAIL THIS SHEET
- STORM DRAIN PIPE (EXISTING) (SD(E))
- FENCE
- PERCENT AND DIRECTION OF SURFACE FLOW DRAINAGE (X%)
- DRAINAGE ARROW
- OVERLAND RELEASE
- CONTOUR (150)
- CONTOUR (EXISTING) (150)
- LID TREATMENT AREA
- STORM DRAIN MANHOLE
- STORM DRAIN CATCH BASIN
- STORM DRAIN INLET
- STORM DRAIN CLEANOUT
- BUBBLER BOX
- STORM DRAIN MANHOLE (EXISTING)
- STORM DRAIN CATCH BASIN (EXISTING)

ABBREVIATIONS

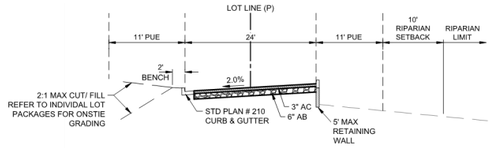
EG	EXISTING GROUND
ESMT	EASEMENT
EX/(E)	EXISTING
FS	FINISHED SURFACE
PSE	PUBLIC SERVICE EASEMENT
PUE	PUBLIC UTILITY EASEMENT
R/W	RIGHT OF WAY
SCVWD	SANTA CLARA VALLEY WATER DISTRICT
SD	STORM DRAIN
SDE	STORM DRAIN EASEMENT
SS	SANITARY SEWER
SSE	SANITARY SEWER EASEMENT
TYP	TYPICAL

0 25 50 100

1 INCH = 50 FEET



A TYPICAL STREET 'A' SECTION
NTS



B SECTION
NTS

GRADING NOTES:

1. REFER TO INDIVIDUAL LOT PACKAGE FOR GRADING AND RETAINING WALL DETAILS NOT SHOWN ON THIS SET.

	EARTHWORK (CY)		MAX CUT/FILL DEPTH (FT)		CY	
SITE ELEMENT	CUT	FILL	CUT	FILL	IMPORT	EXPORT
PRIVATE ROAD	1183	1718	7.9	8	535	0
LOT 1	11	585	-	-	573	0
LOT 2	1	1085	-	-	1084	0
LOT 3	152	2554	-	-	2418	16
LOT 4	39	6043	-	-	6005	12
LOT 5	68	8608	-	-	8541	0
LOT 6	1014	2265	-	-	1520	269
LOT 7	3528	48	-	-	0	3479
LOT 8	2511	25	-	-	0	2485
LOT 9	2919	151	-	-	0	2767
LOT 10	1963	126	-	-	0	1837
LOT 11	45	282	-	-	243	6
LOT 12	106	261	-	-	163	7
TOTAL	13540	23751	-	-	21082	10878

NOTE: TOTAL AREA OF DISTURBANCE = 234,538 SF

CERRA VISTA COURT

CL 10' PEDESTRIAN EQUESTRIAN TRAIL EASEMENT (E)

PROPOSED FACE OF CURB

EX ROAD ESMT

FUTURE CERRO VISTA COURT STREET WIDENING TO PROVIDE ACCESS TO LOT 10. WIDENING SHOWN FOR REFERENCE ONLY. WIDENING PER SEPARATE PERMIT

LOT 6. REFER TO ARCHITECTURE AND SITE REVIEW PACKAGE PERMIT S-24-028

LOT 7. REFER TO ARCHITECTURE AND SITE REVIEW PACKAGE PERMIT S-24-029

LOT 10. REFER TO ARCHITECTURE AND SITE REVIEW PACKAGE PERMIT S-24-032

LOT 8. REFER TO ARCHITECTURE AND SITE REVIEW PACKAGE PERMIT S-24-030

LOT 9. REFER TO ARCHITECTURE AND SITE REVIEW PACKAGE PERMIT S-24-031

LOT 5. REFER TO ARCHITECTURE AND SITE REVIEW PACKAGE PERMIT S-24-027

LOT 4. REFER TO ARCHITECTURE AND SITE REVIEW PACKAGE PERMIT S-24-026

LOT 12. REFER TO ARCHITECTURE AND SITE REVIEW PACKAGE PERMIT S-24-059

LOT 11. REFER TO ARCHITECTURE AND SITE REVIEW PACKAGE PERMIT S-24-033

LOT 1. REFER TO ARCHITECTURE AND SITE REVIEW PACKAGE PERMIT S-24-023

LOT 2. REFER TO ARCHITECTURE AND SITE REVIEW PACKAGE PERMIT S-24-024

LOT 3. REFER TO ARCHITECTURE AND SITE REVIEW PACKAGE PERMIT S-24-025

PROPOSED HYDROMODIFICATION/ BIORETENTION BASIN,TYP

LIMIT OF GRADING

LIMIT OF CUT VS FILL

5' MAX HEIGHT WALLS

5' WALL

PROPERTY LINE (E)

APPROXIMATE RIPARIAN LIMIT

10' BUFFER FROM TREE CANOPY

EAST ROSS CREEK IN EX 36-INCH RCP

EX 27"SD

EX 30"SD

EX 38"SD

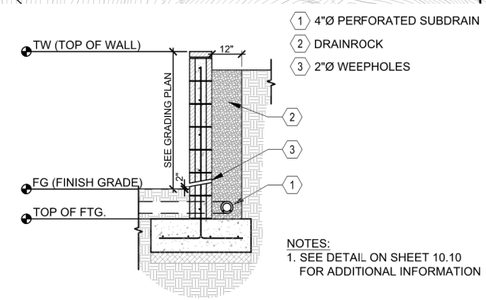
EX ROCK WALL TO REMAIN

EX STORMDRAIN CULVERT STRUCTURE

VALLEY WATER'S 110' FLOODPLAIN EASEMENT

CONFORM TO EX CURB

TWIN OAKS DRIVE



TYP CMU RETAINING WALL DRAINAGE
SCALE: N.T.S.

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M-24-013

NO	DATE	DESCRIPTION
5.	09/15/25	PER CITY COMMENTS
4.	07/25/25	PER CITY COMMENTS
3.	04/18/25	PER CITY COMMENTS
2.	01/08/25	PER CITY COMMENTS
1.	10/07/24	PER CITY COMMENTS

PROJECT NO:	4185.10
CAD DWG FILE:	418510GP.DWG
DESIGNED BY:	RH
DRAWN BY:	NW
CHECKED BY:	RH
DATE:	AUGUST XX, 2025
SCALE:	AS SHOWN

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PRELIMINARY GRADING AND DRAINAGE PLAN

3.0

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LEGEND

- PROJECT BOUNDARY
- LOT LINE
- PROPERTY LINE (EXISTING)
- EASEMENT
- CURB AND GUTTER
- STORM DRAIN PIPE — SD
- STORM DRAIN PIPE (EXISTING) — SD(E)
- FENCE
- PERCENT AND DIRECTION OF SURFACE FLOW DRAINAGE — X%
- CONTOUR — 150
- CONTOUR (EXISTING) — 150
- LID TREATMENT AREA

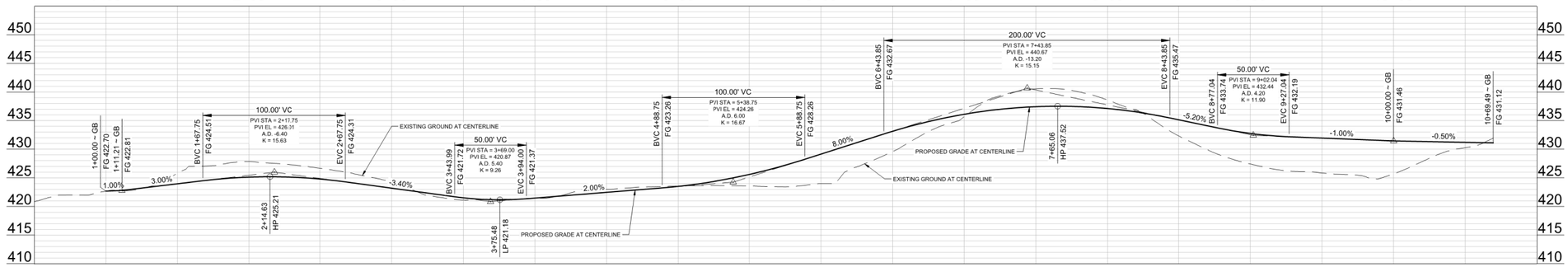
ABBREVIATIONS

A.D.	ALGEBRAIC DIFFERENCE
BVC	BEGIN VERTICAL CURVE
EG	EXISTING GROUND
EL	ELEVATION
ESMT	EASEMENT
EVC	END VERTICAL CURVE
EX/(E)	EXISTING
FG	FINISHED GROUND ELEVATION
GB	GRADE BREAK
HP	HIGH POINT
K	KAPPA VALUE
LP	LOW POINT
PSDE	PRIVATE STORM DRAIN EASEMENT
PSE	PUBLIC SERVICE EASEMENT
PUE	PUBLIC UTILITY EASEMENT
PVI	POINT OF VERTICAL INTERSECTION
R/W	RIGHT OF WAY
SCVWD	SANTA CLARA VALLEY WATER DISTRICT
SDE	STORM DRAIN EASEMENT
SS	SANITARY SEWER
SSE	SANITARY SEWER EASEMENT
STA	STATION
TYP	TYPICAL
VC	VERTICAL CURVE



LINE TABLE		
LINE	LENGTH	BEARING
L1	127.82'	S80°28'47"E
L2	39.56'	N6°40'58"W
L3	48.05'	N85°31'52"E
L4	39.56'	S6°40'58"E
L5	139.50'	N80°28'47"W

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	28.53'	15.00'	108°59'29"
C2	100.85'	208.00'	27°46'51"
C3	240.42'	272.00'	50°38'35"
C4	286.55'	197.00'	83°20'27"
C5	80.47'	50.00'	92°12'50"
C6	179.87'	40.00'	257°38'53"
C7	39.26'	35.00'	64°16'25"
C8	101.82'	74.00'	78°50'22"
C9	251.64'	173.00'	83°20'27"
C10	219.20'	248.00'	50°38'35"
C11	112.49'	232.00'	27°46'51"
C12	22.51'	15.00'	85°58'46"



SCALE HOR: 1"=40' / VER: 1"=10'

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SURREY FARM ESTATES

178 TWIN OAKS DRIVE

DEVELOPMENT REVIEW & TENTATIVE MAP

M-24-013

NO	DATE	DESCRIPTION
5	09/15/25	PER CITY COMMENTS
4	07/25/25	PER CITY COMMENTS
3	04/18/25	PER CITY COMMENTS
2	01/08/25	PER CITY COMMENTS
1	10/07/24	PER CITY COMMENTS

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STREET "A" PLAN AND PROFILE

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ABBREVIATIONS

CI	CURB INLET
CL	CENTERLINE
ESMT	EASEMENT
EAE	EMERGENCY ACCESS EASEMENT
EX/(E)	EXISTING
FH	FIRE HYDRANT
INV	INVERT
IRR	IRRIGATION
JT	JOINT TRENCH
R / PL	PROPERTY LINE
(P)	PROPOSED
PSDE	PRIVATE STORM DRAIN EASEMENT
PUE	PUBLIC UTILITY EASEMENT
R/W	RIGHT OF WAY
SCVWD	SANTA CLARA VALLEY WATER DISTRICT
SD	STORM DRAIN
SDE	STORM DRAIN EASEMENT
SDCI	STORM DRAIN CURB INLET
SDDI	STORM DRAIN DRAINAGE INLET
SDFI	STORM DRAIN FIELD INLET
SDJB	STORM DRAIN JUNCTION BOX
SDMH	STORM DRAIN MANHOLE
SS	SANITARY SEWER
SSE	SANITARY SEWER EASEMENT
SSCO	SANITARY SEWER CLEANOUT
SSMH	SANITARY SEWER MANHOLE
STD	STANDARD
W	WATER
WM	WATER METER
WV	WATER VALVE

LEGEND

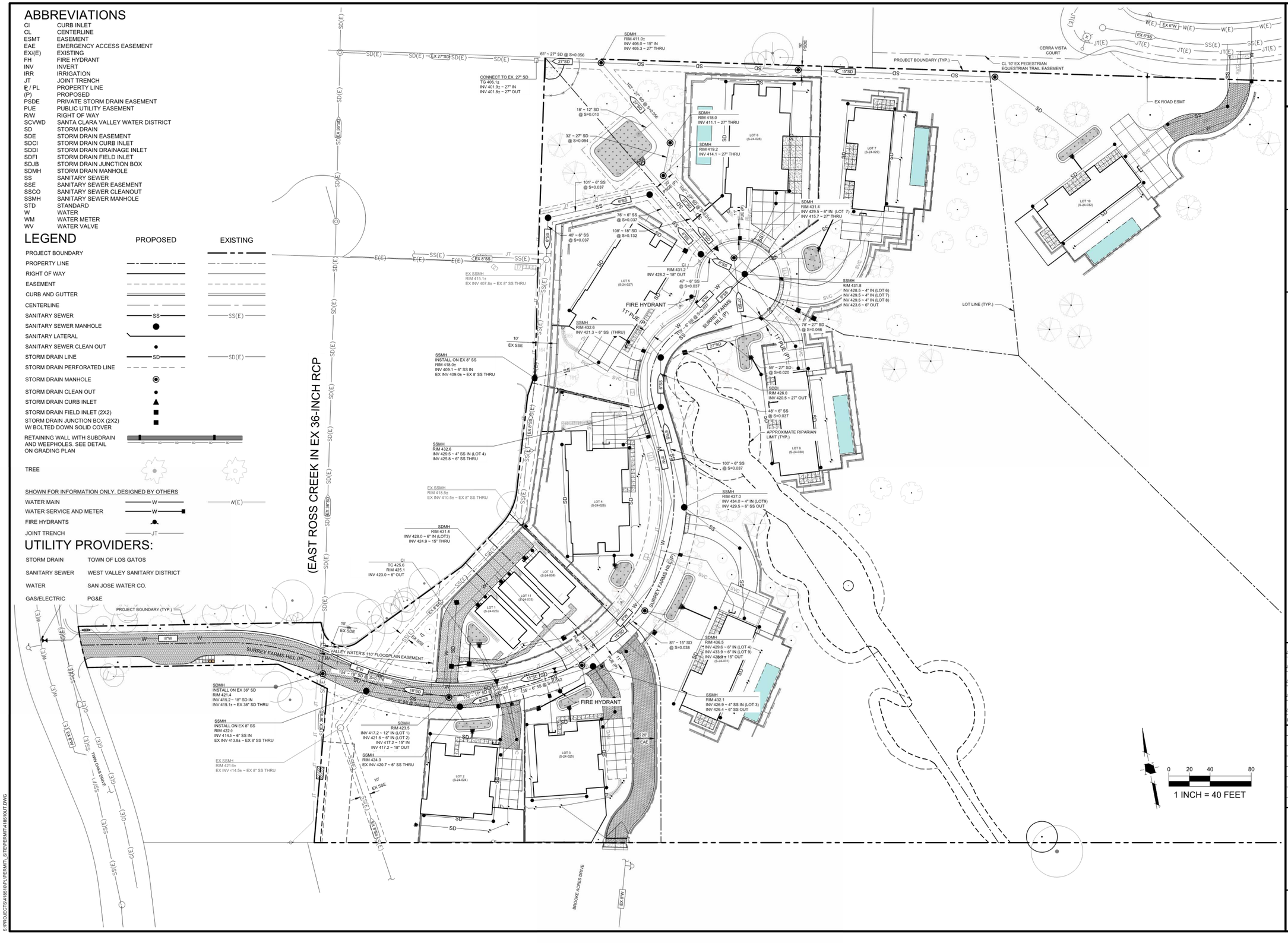
	PROPOSED	EXISTING
PROJECT BOUNDARY		
PROPERTY LINE		
RIGHT OF WAY		
EASEMENT		
CURB AND GUTTER		
CENTERLINE		
SANITARY SEWER	SS	SS(E)
SANITARY SEWER MANHOLE		
SANITARY LATERAL		
SANITARY SEWER CLEAN OUT		
STORM DRAIN LINE	SD	SD(E)
STORM DRAIN PERFORATED LINE		
STORM DRAIN MANHOLE		
STORM DRAIN CLEAN OUT		
STORM DRAIN CURB INLET		
STORM DRAIN FIELD INLET (2X2)		
STORM DRAIN JUNCTION BOX (2X2) W/ BOLTED DOWN SOLID COVER		
RETAINING WALL WITH SUBDRAIN AND WEEPHOLES. SEE DETAIL ON GRADING PLAN		
TREE		

SHOWN FOR INFORMATION ONLY. DESIGNED BY OTHERS

WATER MAIN	W	W(E)
WATER SERVICE AND METER	W	
FIRE HYDRANTS		
JOINT TRENCH	JT	

UTILITY PROVIDERS:

STORM DRAIN	TOWN OF LOS GATOS
SANITARY SEWER	WEST VALLEY SANITARY DISTRICT
WATER	SAN JOSE WATER CO.
GAS/ELECTRIC	PG&E



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178 TWIN OAKS DRIVE

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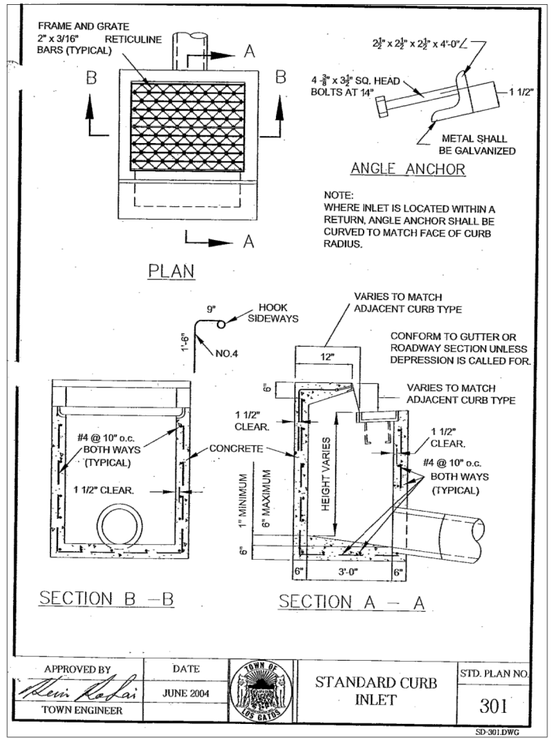
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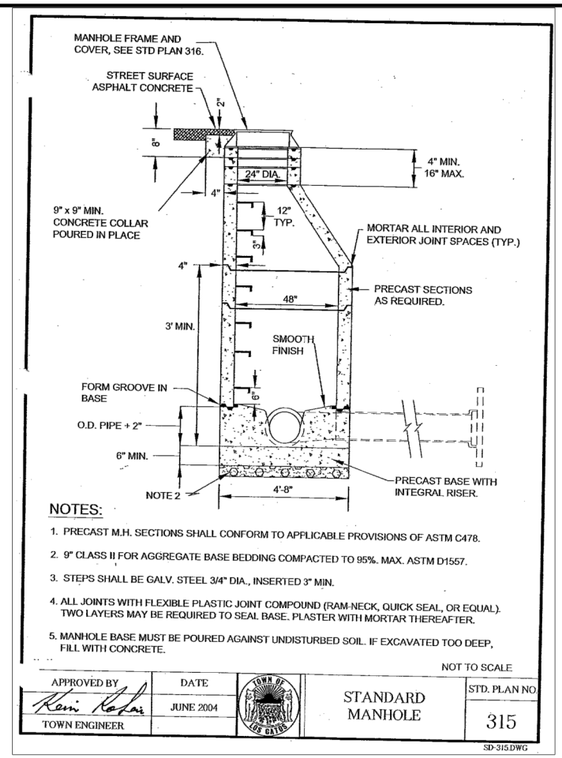
UTILITY PLAN

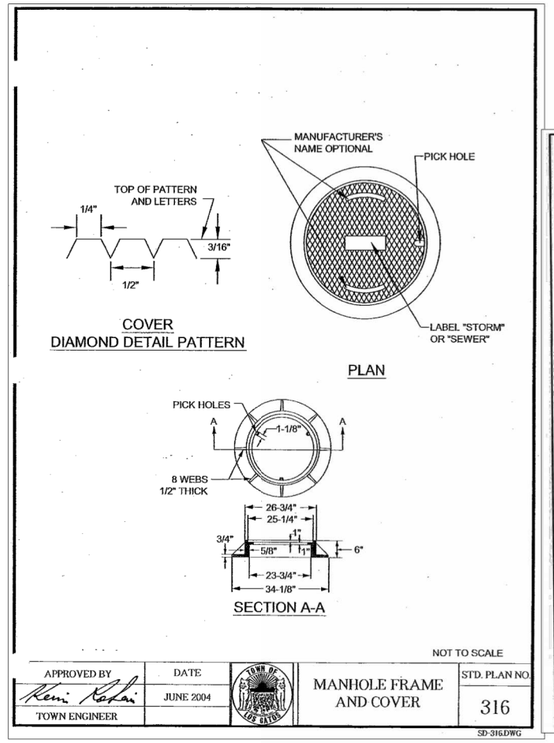
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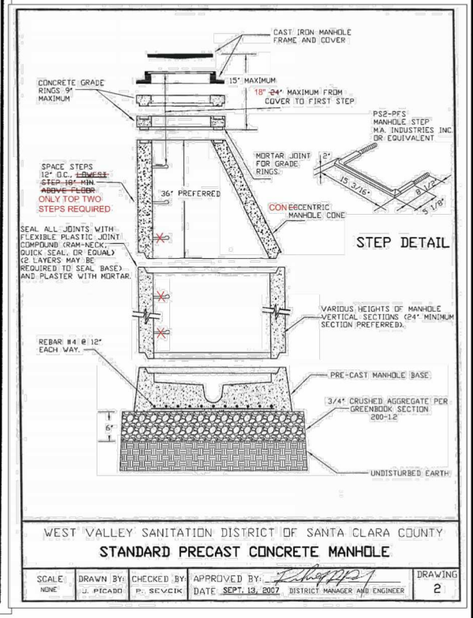
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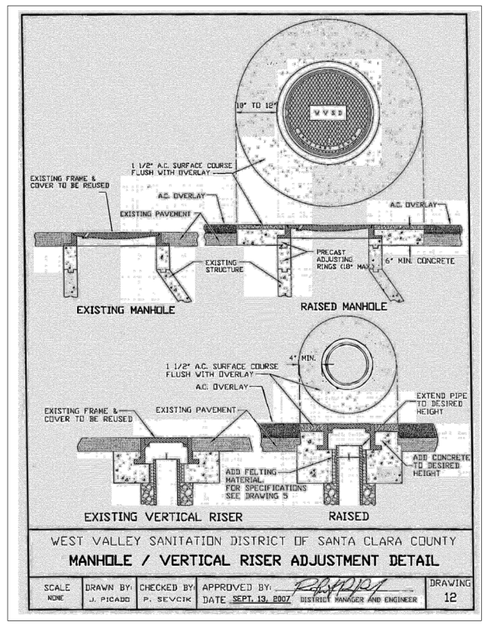
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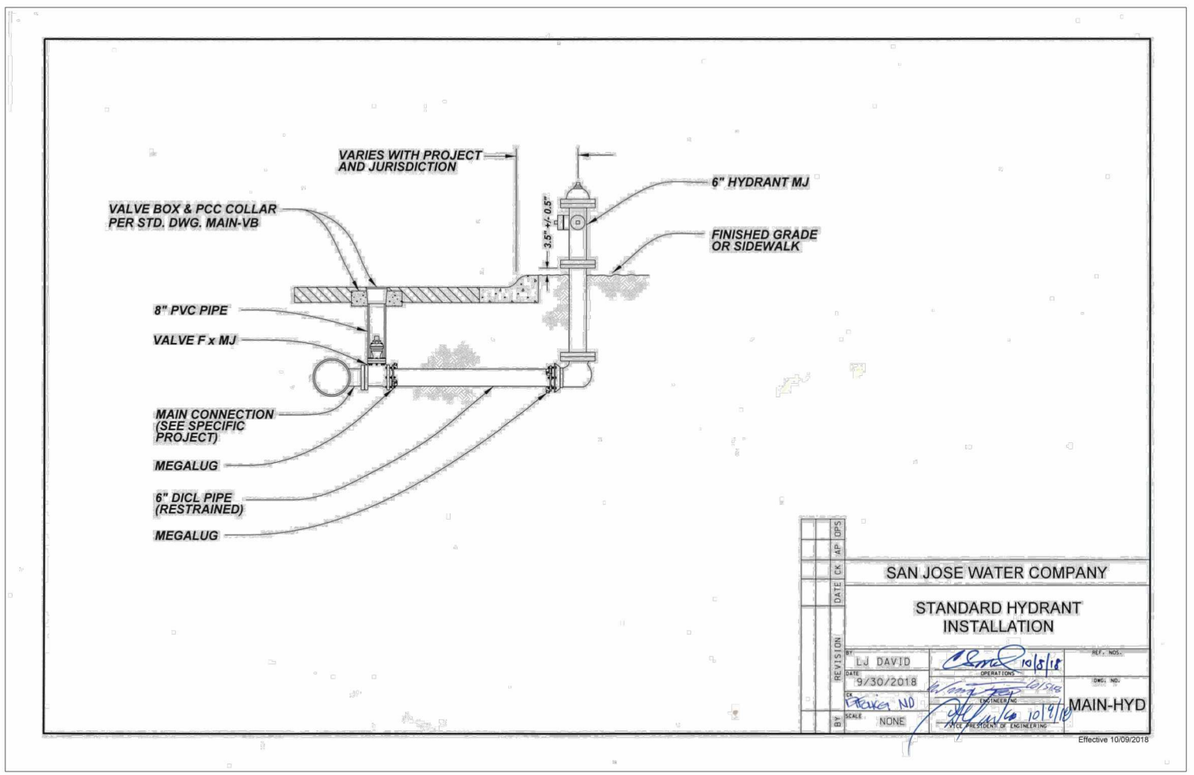












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SURREY FARM ESTATES

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UTILITY DETAILS

4.1

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LEGEND

- PROJECT BOUNDARY
- LOT LINE
- EASEMENT
- STORM DRAIN PIPE — SD —
- STORM DRAIN PIPE (EXISTING) — SD(E) —
- STORM DRAIN MANHOLE
- STORM DRAIN MANHOLE (EXISTING)
- CURB INLET
- STORM DRAIN INLET
- STORM DRAIN INLET (EXISTING)
- STORM DRAIN CLEANOUT AT DOWNSPOUT
- BUBBLER BOX
- DIRECTION OF SURFACE DRAINAGE
- DRAINAGE MANAGEMENT AREA — DMA#
- BIORETENTION AREA
- PERVIOUS PAVERS
- RIPARIAN

HYDROMODIFICATION NOTE:

1. REFER TO THE "SUMMARY OF BAHM MODELING FOR THE SURREY FARM PROJECT" REPORT FOR HYDROMODIFICATION AND STORMWATER TREATMENT DESIGN ASSUMPTIONS AND SUMMARY OF RESULTS.

0 25 50 100

1 INCH = 50 FEET

2. Project Size

a. Total Site Area: 765,552 (ft²)		b. Total Land Area Disturbed During Construction: 242,482 (ft²) (including clearing, grading, stockpiling, or excavating)			
Project Totals	**Total Existing (Pre-project) Area (ft²)**	**Existing Area Retained[1] (ft²)**	**Existing Area Replaced[2] (ft²)**	**New Area Created[3] (ft²)**	**Total Post-Project Area (ft²)**
Impervious Area (IA)					
c. Total on-site IA	0	0	0	96,692	96,692
d. Total off-site IA[3]	694		694	0	694
e. Total project IA	694	0	694	96,692	97,386
f. Total new and replaced IA			97,386		
Pervious Area (PA)[4]					
g. Total on-site PA	764,361				667,669
h. Total off-site PA[3]	497				497
i. Total project PA	764,858				668,166
j. Total Project Area (2.e.+2.i.)	765,552				765,552
k. Percent Replacement of IA in Redevelopment Projects: (Total Existing IA Replaced ÷ Total Existing IA) x 100% 100 %					

[1] "Retained" means to leave existing IA in place. An IA that receives surface treatment (e.g., pavement resurfacing/slurry seal/grind) only is considered "retained". This category does not apply to off-site areas.

[2] The "new" and "replaced" IA are based on the total project area and not specific locations within the project. Constructed IA on a project that does not exceed the total pre-project IA will be considered "replaced" IA. A project will have "new" IA only if the total post-project IA exceeds the total pre-project IA (total post-project IA – total pre-project IA = New IA).

[3] Off-site areas include sidewalks and other parts of the public right-of-way (e.g., roads, bike lanes, curbs, ramps, park strip) that are being reconstructed as part of the project footprint. Do not include frontage areas that are not being reconstructed as part of the project. Note that gravel is considered an impervious surface.

[4] Include bioretention areas, infiltration areas, green roofs, and pervious pavement in PA calculations.

BIORETENTION & FLOW-THROUGH PLANTER NOTES:

1. SEE GRADING PLAN FOR BASIN FOOTPRINT AND DESIGN ELEVATIONS.
2. PLACE 3 INCHES OF COMPOSTED, NON-FLOATABLE MULCH IN AREAS BETWEEN STORMWATER PLANTINGS AND SIDE SLOPE.
3. SEE LANDSCAPE PLAN FOR MULCH, PLANT MATERIALS AND IRRIGATION REQUIREMENTS
4. CURB CUTS SHALL BE A MINIMUM 18" WIDE AND SPACED AT MAXIMUM 10' O.C. INTERVALS AND SLOPED TO DIRECT STORMWATER TO DRAIN INTO THE BASIN. CURB CUTS SHALL ALSO NOT BE PLACED INLINE WITH OVERFLOW CATCH BASIN. SEE GRADING PLAN FOR MORE DETAIL ON LOCATIONS OF CURB CUTS.
5. A MINIMUM 0.2' DROP BETWEEN STORM WATER ENTRY POINT (I.E. CURB OPENING, FLUSH CURB, ETC.) AND ADJACENT LANDSCAPE FINISHED GRADE.
6. DO NOT COMPACT NATIVE SOIL / SUBGRADE AT BOTTOM OF BASIN. LOOSEN SOIL TO 12" DEPTH.

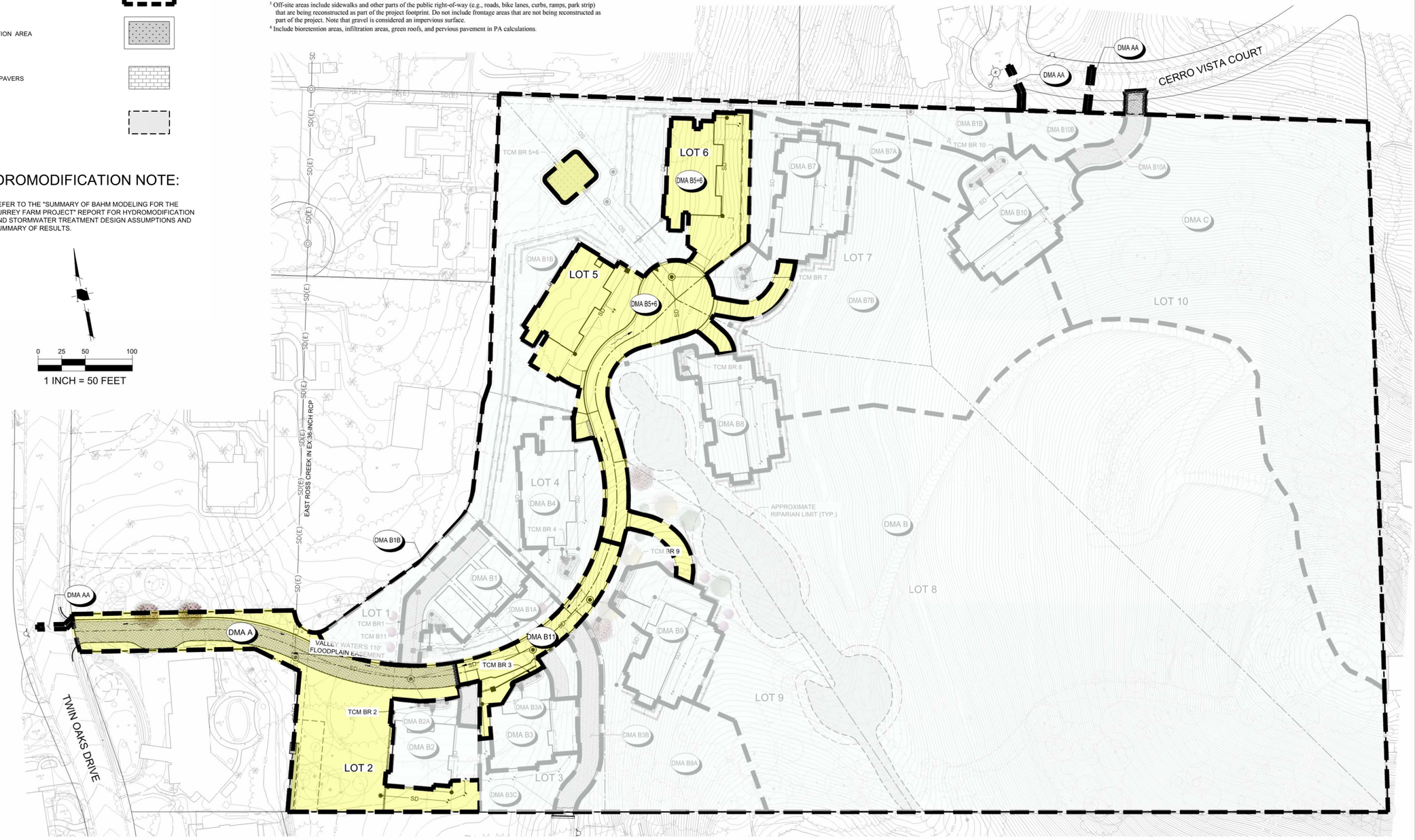
PERVIOUS PAVER REQUIREMENTS

CONTRACTOR OR PERMITEE SHALL:

- PROVIDE CERTIFICATION FROM THE PAVER MANUFACTURER THAT THE PAVERS MEET THE REQUIREMENTS OF THE C3 STORMWATER HANDBOOK FOR PERVIOUS PAVERS. THIS INCLUDES, BUT IS NOT LIMITED TO, HAVING A MINIMUM SURFACE INFILTRATION RATE OF 100"/HR WHEN TESTED IN ACCORDANCE WITH ASTM C1701.
- ONLY CONTRACTORS HOLDING CERTIFICATION OF COMPLETION IN THE INTERLOCKING CONCRETE PAVEMENT INSTITUTES PICP INSTALLER TECHNICIAN COURSE SHALL BE USED TO INSTALL THE PAVERS AND AT LEAST ONE FOREMAN WITH THIS CERTIFICATION MUST BE ON THE JOBSITE AT ALL TIMES DURING CONCRETE PAVER INSTALLATION.
- PROTECT THE EXCAVATED AREA FOR PERVIOUS PAVERS FROM EXCESSIVE COMPACTION DUE TO CONSTRUCTION TRAFFIC AND PROTECT THE FINISHED PAVEMENT FROM CONSTRUCTION TRAFFIC.

STANDARD STORMWATER CONTROL NOTES:

- STANDING WATER SHALL NOT REMAIN IN THE TREATMENT MEASURES FOR MORE THAN FIVE DAYS, TO PREVENT MOSQUITO GENERATION. SHOULD ANY MOSQUITO ISSUES ARISE, CONTACT THE SANTA CLARA VALLEY VECTOR CONTROL DISTRICT (DISTRICT). MOSQUITO LARVICIDES SHALL BE APPLIED ONLY WHEN ABSOLUTELY NECESSARY, AS INDICATED BY THE DISTRICT, AND THEN ONLY BY A LICENSED PROFESSIONAL OR CONTRACTOR. CONTACT INFORMATION FOR THE DISTRICT IS PROVIDED BELOW.
- DO NOT USE PESTICIDES OR OTHER CHEMICAL APPLICATIONS TO TREAT DISEASED PLANTS, CONTROL WEEDS OR REMOVED UNWANTED GROWTH. EMPLOY NON-CHEMICAL CONTROLS (BIOLOGICAL, PHYSICAL AND CULTURAL CONTROLS) TO TREAT A PEST PROBLEM. PRUNE PLANTS PROPERLY AND AT THE APPROPRIATE TIME OF YEAR. PROVIDE ADEQUATE IRRIGATION FOR LANDSCAPE PLANTS. DO NOT OVER WATER.



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SURREY FARM ESTATES

178 TWIN OAKS DRIVE

DEVELOPMENT REVIEW & TENTATIVE MAP

M-24-013

NO	DATE	DESCRIPTION
6.	10/24/25	PER CITY COMMENTS
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SCALE:	1" = 50'

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STORMWATER CONTROL PLAN

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PROJECT SITE INFORMATION:

1. **SOILS TYPE: C (SANDY LOAM)**
2. **GROUND WATER DEPTH: 30' - 50'**
3. **NAME OF RECEIVING BODY: GUADALUPE CREEK**
4. **FLOOD ZONE: X**
5. **FLOOD ELEVATION (IF APPLICABLE): N/A**

OPERATION AND MAINTENANCE INFORMATION:

I. PROPERTY INFORMATION:

I.A. PROPERTY ADDRESS:
178 TWIN OAKS DRIVE
LOS GATOS, CA, 95032

I.B. PROPERTY OWNER:
JEFFREY L DODGE EXEMPT TRUST

II. RESPONSIBLE PARTY FOR MAINTENANCE:

II.A. CONTACT:
LARRY DODGE

II.B. PHONE NUMBER OF CONTACT:
858-243-7768

II.C. EMAIL:
lddodge@gmail.com

II.D. ADDRESS:
PO BOX 2029
RANCHO SANTA FE, CA 92067

SOURCE CONTROL MEASURES:

1. BENEFICIAL LANDSCAPING.
2. MAINTENANCE (PAVEMENT SWEEPING, CATCH BASIN CLEANING, GOOD HOUSEKEEPING).
3. STORM DRAIN LABELING.

SITE DESIGN MEASURES:

1. MINIMIZE LAND DISTURBED
2. MINIMUM-IMPACT STREET OR PARKING LOT DESIGN
3. PERVIOUS PAVEMENT
4. OTHER SELF-TREATING AREA
5. PRESERVE OPEN SPACE
6. PROTECTED RIPARIAN AND WETLAND AREAS/BUFFERS

BIOTREATMENT SOIL REQUIREMENTS

- BIORETENTION SOIL MIX SHALL MEET THE REQUIREMENTS AS OUTLINED IN APPENDIX C OF THE C.3 STORM WATER HANDBOOK AND SHALL BE A MIXTURE OF FINE SAND AND COMPOST MEASURED ON A VOLUME BASIS OF 60-70% SAND AND 30-40% COMPOST. CONTRACTOR TO REFER TO APPENDIX C FOR SAND AND COMPOST MATERIAL SPECIFICATIONS. CONTRACTOR MAY OBTAIN A COPY OF THE C3 HANDBOOK AT : HTTPS://CLEANWATER.SCCGOV.ORG/SITES/G/FILES/EXJCPB461/FILES/SCVURPPP_C.PDF
- PRIOR TO ORDERING THE BIOTREATMENT SOIL MIX OR DELIVERY TO THE PROJECT SITE, CONTRACTOR SHALL PROVIDE A BIOTREATMENT SOIL MIX SPECIFICATION CHECKLIST, COMPLETED BY THE SOIL MIX SUPPLIER AND CERTIFIED TESTING LAB.

Drainage Management Area (DMA) Summary Table

Complete the information below at the Building Permit stage for Regulated C3 Projects and Non-Regulated Green Stormwater Infrastructure Projects

Project Name	Surrey Farm Estates		
APN #	532-16-006		
Project Address:	Twin Oaks Drive, Los Gatos		
Cross Streets:	Longmeadow Drive		

Drainage Area #	Impervious Area (ft^2)	Pervious Area (ft^2)	Site Design Measures or Stormwater Treatment Measures	Hydraulic Sizing Criteria Used
A	1233	31502	Self-treating areas	Not Applicable
AA	694	0		Not Applicable
B	0	310011	Self-treating areas	Not Applicable
B1	3852	6148	Self-retaining areas	Not Applicable
B1A	0	5570	Self-treating areas	Not Applicable
B1B	0	65296	Self-treating areas	Not Applicable
B2	5191	2662	Bioretention area – lined* with underdrain	3: Combination Flow and Volume Design Method
B2A	0	999	Self-treating areas	Not Applicable
B3	5320	2126	Bioretention area – lined* with underdrain	3: Combination Flow and Volume Design Method
B3A	0	1926	Self-treating areas	Not Applicable
B3B	0	4839	Self-treating areas	Not Applicable
B3C	0	4886	Self-treating areas	Not Applicable
B4	6809	6595	Bioretention area – lined* with underdrain	3: Combination Flow and Volume Design Method
B5+6	31608	10762	Bioretention area – lined* with underdrain	3: Combination Flow and Volume Design Method
B7	8946	3084	Bioretention area – lined* with underdrain	3: Combination Flow and Volume Design Method
B7A	0	11272	Self-treating areas	Not Applicable
B7B	0	55461	Self-treating areas	Not Applicable
B8	8938	723	Bioretention area – lined* with underdrain	3: Combination Flow and Volume Design Method
B9	8936	2667	Bioretention area – lined* with underdrain	3: Combination Flow and Volume Design Method
B9A	0	24762	Self-treating areas	Not Applicable
B10	10155	2995	Bioretention area – lined* with underdrain	3: Combination Flow and Volume Design Method
B10A	0	2945	Self-treating areas	Not Applicable
B10B	0	4856	Self-treating areas	
B11	5704	1772	Bioretention area – lined* with underdrain	3: Combination Flow and Volume Design Method
C	0	104307	Self-treating areas	Not Applicable
TOTAL	**97386**	**668166**		

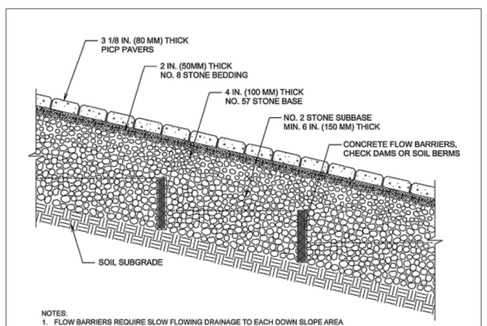
*"Lined" refers to an impermeable liner placed on the bottom of a bioretention area, such that no infiltration into native soil occurs.

TABLE 1
ROUTINE MAINTENANCE ACTIVITIES FOR BIORETENTION AREAS

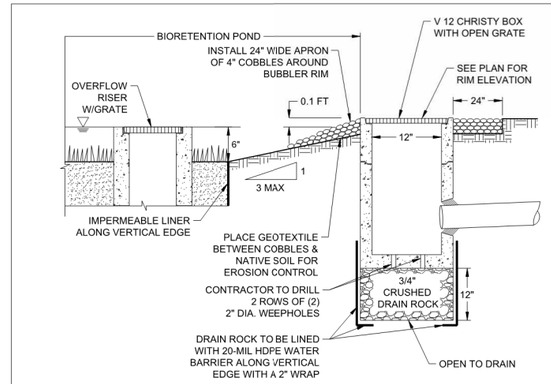
NO.	MAINTENANCE TASK	FREQUENCY OF TASK
1	REMOVE OBSTRUCTIONS, WEEDS, DEBRIS AND TRASH FROM BIORETENTION AREA AND ITS INLETS AND OUTLETS; AND DISPOSE OF PROPERLY.	QUARTERLY, OR AS NEEDED AFTER STORM EVENTS
2	INSPECT BIORETENTION AREA FOR STANDING WATER. IF STANDING WATER DOES NOT DRAIN WITHIN 2-3 DAYS, TILL AND REPLACE THE SURFACE BIOTREATMENT SOIL WITH THE APPROVED SOIL MIX AND REPLANT.	QUARTERLY, OR AS NEEDED AFTER STORM EVENTS
3	CHECK UNDERDRAINS FOR CLOGGING. USE THE CLEANOUT RISER TO CLEAN ANY CLOGGED UNDERDRAINS.	QUARTERLY, OR AS NEEDED AFTER STORM EVENTS
4	MAINTAIN THE IRRIGATION SYSTEM AND ENSURE THAT PLANTS ARE RECEIVING THE CORRECT AMOUNT OF WATER (IF APPLICABLE).	QUARTERLY
5	ENSURE THAT THE VEGETATION IS HEALTHY AND DENSE ENOUGH TO PROVIDE FILTERING AND PROTECT SOILS FROM EROSION. PRUNE AND WEED THE BIORETENTION AREA. REMOVE AND/OR REPLACE ANY DEAD PLANTS.	ANNUALLY, BEFORE THE WET SEASON BEGINS
6	USE COMPOST AND OTHER NATURAL SOIL AMENDMENTS AND FERTILIZERS INSTEAD OF SYNTHETIC FERTILIZERS, ESPECIALLY IF THE SYSTEM USES AN UNDERDRAIN.	ANNUALLY, BEFORE THE WET SEASON BEGINS
7	CHECK THAT MULCH IS AT APPROPRIATE DEPTH (2 - 3 INCHES PER SOIL SPECIFICATIONS) AND REPLENISH AS NECESSARY BEFORE WET SEASON BEGINS. IT IS RECOMMENDED THAT 2" – 3" OF ARBOR MULCH BE REAPPLIED EVERY YEAR.	ANNUALLY, BEFORE THE WET SEASON BEGINS
8	INSPECT THE ENERGY DISSIPATION AT THE INLET TO ENSURE IT IS FUNCTIONING ADEQUATELY, AND THAT THERE IS NO SCOUR OF THE SURFACE MULCH. REMOVE ACCUMULATED SEDIMENT.	ANNUALLY, BEFORE THE WET SEASON BEGINS
9	INSPECT OVERFLOW PIPE TO ENSURE THAT IT CAN SAFELY CONVEY EXCESS FLOWS TO A STORM DRAIN. REPAIR OR REPLACE DAMAGED PIPING.	ANNUALLY, BEFORE THE WET SEASON BEGINS
10	REPLACE BIOTREATMENT SOIL AND MULCH, IF NEEDED. CHECK FOR STANDING WATER, STRUCTURAL FAILURE AND CLOGGED OVERFLOWS. REMOVE TRASH AND DEBRIS. REPLACE DEAD PLANTS.	
11	INSPECT BIORETENTION AREA USING THE ATTACHED INSPECTION CHECKLIST.	ANNUALLY, BEFORE THE WET SEASON

TABLE 2
ROUTINE MAINTENANCE ACTIVITIES FOR PERVIOUS PAVEMENT

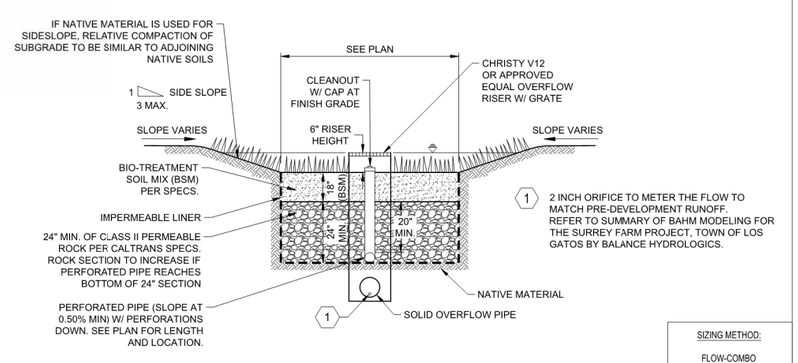
NO.	MAINTENANCE TASK	FREQUENCY OF TASK
1	CHECK FOR SEDIMENT AND DEBRIS ACCUMULATION. PREVENT SOIL FROM WASHING OR BLOWING ONTO THE PAVEMENT. DO NOT STORE SAND, SOIL, MULCH OR OTHER LANDSCAPING MATERIALS ON PERVIOUS PAVEMENT SURFACES.	TWO TO FOUR TIMES ANNUALLY
2	CONDUCT PREVENTATIVE SURFACE CLEANING, USING COMMERCIALLY AVAILABLE REGENERATIVE AIR OR VACUUM SWEEPERS, TO REMOVE SEDIMENT AND DEBRIS.	TWO TO FOUR TIMES ANNUALLY
3	INSPECT FOR ANY SIGNS OF PAVEMENT FAILURE. REPAIR ANY SURFACE DEFORMATIONS OR BROKEN PAVERS. REPLACE MISSING JOINT FILLER IN PICP.	TWO TO FOUR TIMES ANNUALLY
4	CHECK FOR STANDING WATER ON THE PAVEMENT SURFACE WITHIN 30 MINUTES AFTER A STORM EVENT.	TWO TO FOUR TIMES ANNUALLY
5	INSPECT UNDERDRAIN OUTLETS AND CLEANOUTS, PREFERABLY BEFORE THE WET SEASON. REMOVE TRASH/DEBRIS.	TWO TO FOUR TIMES ANNUALLY
6	REMOVE SEDIMENT AND DEBRIS ACCUMULATION ON PERVIOUS PAVEMENT.	TWO TO FOUR TIMES ANNUALLY
7	REMOVE WEEDS. MOW VEGETATION IN GRID PAVEMENTS (SUCH AS TURF BLOCK) AS NEEDED.	AS NEEDED
8	PERFORM RESTORATIVE SURFACE CLEANING WITH A VACUUM SWEEPER, AND/OR RECONSTRUCTION OF PART OF THE PERVIOUS SURFACE TO RESTORE SURFACE PERMEABILITY AS NEEDED. REPLENISH AGGREGATE IN PICP JOINTS OR GRIDS AS NEEDED AFTER RESTORATIVE SURFACE CLEANING.	AS NEEDED
9	POWER WASHING WITH SIMULTANEOUS VACUUMING ALSO CAN BE USED TO RESTORE SURFACE INFILTRATION TO HIGHLY CLOGGED AREAS OF PERVIOUS CONCRETE, POROUS ASPHALT OR PICP, BUT IS NOT RECOMMENDED FOR GRID PAVEMENTS.	AS NEEDED
10	INSPECT PERVIOUS PAVING AREA USING THE ATTACHED INSPECTION CHECKLIST.	QUARTERLY OR AS NEEDED



3 PERVIOUS PAVEMENT ON SLOPED SUBGRADE (SELF TREATING) N.T.S.



2 BUBBLER BOX DETAIL N.T.S.



1 BIORETENTION BASIN W/ LINER N.T.S.

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SURREY FARM ESTATES

178 TWIN OAKS DRIVE

DEVELOPMENT REVIEW & TENTATIVE MAP

M-24-013

NO	DATE	DESCRIPTION
5.	09/15/25	PER CITY COMMENTS
4.	07/25/25	PER CITY COMMENTS
3.	04/18/25	PER CITY COMMENTS
2.	01/08/25	PER CITY COMMENTS
1.	10/07/24	PER CITY COMMENTS

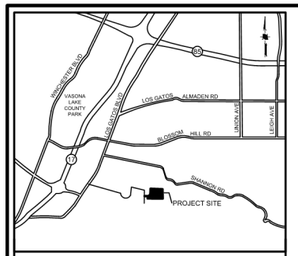
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CAD DWG FILE:	4185105W.DWG
DESIGNED BY:	NW/RH
DRAWN BY:	NW
CHECKED BY:	RH
DATE:	AUGUST XX, 2025
SCALE:	NOT TO SCALE

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STORMWATER CONTROL AND HYDROMODIFICATION DETAILS

5.1

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VICINITY MAP
NOT TO SCALE

EROSION AND SEDIMENT CONTROL NOTES

1. CONTRACTOR/OWNER:
   JEFF CURRAN
   1475 SARATOGA AVENUE
   SAN JOSE, CA 95129
   (408) 252-9131

   IT SHALL BE THE OWNER'S RESPONSIBILITY TO MAINTAIN CONTROL OF THE ENTIRE CONSTRUCTION OPERATION AND TO KEEP THE ENTIRE SITE IN COMPLIANCE WITH THE SOIL EROSION CONTROL PLAN.
2. CIVIL ENGINEER:
   HMH ENGINEERS
   1570 OAKLAND ROAD
   SAN JOSE, CA 95131
   ATTN: RAFAEL HERNANDEZ
   408 487 2200
3. THIS PLAN IS INTENDED TO BE USED FOR INTERIM EROSION AND SEDIMENT CONTROL ONLY AND IS NOT TO BE USED FOR FINAL ELEVATIONS OR PERMANENT IMPROVEMENTS.
4. IT IS THE RESPONSIBILITY OF THE OWNER/CONTRACTOR TO ENSURE THAT NO MUD OR SILTATION LEAVES THE PROJECT SITE.
5. INTERIM EROSION CONTROL MEASURES MUST BE COMPLETED AND IN PLACE BY OCTOBER 1.
6. ALL INTERIM EROSION CONTROL MEASURES MUST BE CONTINUOUSLY MAINTAINED THROUGHOUT THE OCTOBER 1 TO APRIL 15 RAINY SEASON.
7. CALL THE INSPECTION LINE AT (408) 399-5760 BY SEPTEMBER 15 FOR INSPECTION OF EROSION CONTROL DEVICES. CALL 24 HOURS IN ADVANCE. INCLUDE GRADING PERMIT NUMBER.
8. IF EROSION CONTROL MEASURES ARE NOT IN PLACE AS REQUIRED OR NOT MAINTAINED, ALL WORK SHALL CEASE UNTIL EROSION CONTROL MEASURES ARE REMEDIED.

MAINTENANCE SCHEDULE

CONTROL	INSPECTION FREQUENCY	MAINTENANCE/REPAIR MEASURES
STABILIZED CONSTRUCTION ENTRANCE	WEEKLY & AFTER EACH RAIN	REPLACE GRAVEL MATERIAL WHEN VOIDS ARE PRESENT REMOVE ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS WITHIN 24 HOURS REMOVE GRAVEL AT COMPLETION OF CONSTRUCTION
STORM DRAIN INLET PROTECTION	WEEKLY & AFTER EACH RAIN	REPLACE CLOGGED FILTER FABRIC IMMEDIATELY REMOVE SEDIMENT WHEN IT REACHES 1/2 THE HEIGHT OF THE FILTER
SEDIMENT BASIN	WEEKLY & AFTER EACH RAIN	REMOVE SEDIMENT WHEN THE SEDIMENT STORAGE ZONE IS HALF FULL REPAIR EROSION AS NECESSARY UNCLOG OUTLET RISER
HYDROSEED/HYDROMULCH EROSION CONTROL BLANKETS	PERIODICALLY DURING & AFTER EACH RAIN	PRIOR TO RESEEDING, REPAIR ALL RILLS AND GULLIES REMOVE SEDIMENT BUILDUP AT TOE OF SLOPES REAPPLY SEED AND/OR MULCH TO AREAS THAT HAVE BEEN REPAIRED, ERODED, OR ARE WITHOUT ADEQUATE VEGETATION DISLOCATED BLANKETS, NETS, OR MATS SHOULD BE REPAIRED OR REPLACED
STRAW ROLLS	WEEKLY & AFTER EACH RAIN	REPAIR WHENEVER STRAW ROLL IS DAMAGED REMOVE SEDIMENT WHEN IT REACHES 1/3 THE HEIGHT OF THE ROLLS ESPECIALLY IF HEAVY RAINS ARE EXPECTED

BUILDING PAD PROTECTION NOTE:

1. IF PAD WILL REMAIN WITHOUT BUILDING CONSTRUCTION DURING THE RAINY SEASON, THE PAD SHALL BE STABILIZED OR PROVIDED WITH AN EROSION BLANKET TO PROTECT THE BUILDING PAD.

EROSION CONTROL PLAN NOTE:

THIS WATER POLLUTION CONTROL PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMPS) LISTED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), AND SHALL IMPLEMENT AND MAINTAIN THE SWPPP FOR THE PROJECT IN FULL COMPLIANCE WITH THE REVISED STATE REGULATIONS TO CONTROL THE DISCHARGE OF STORMWATER POLLUTANTS.

LEGEND

STANDARD INLET PROTECTION

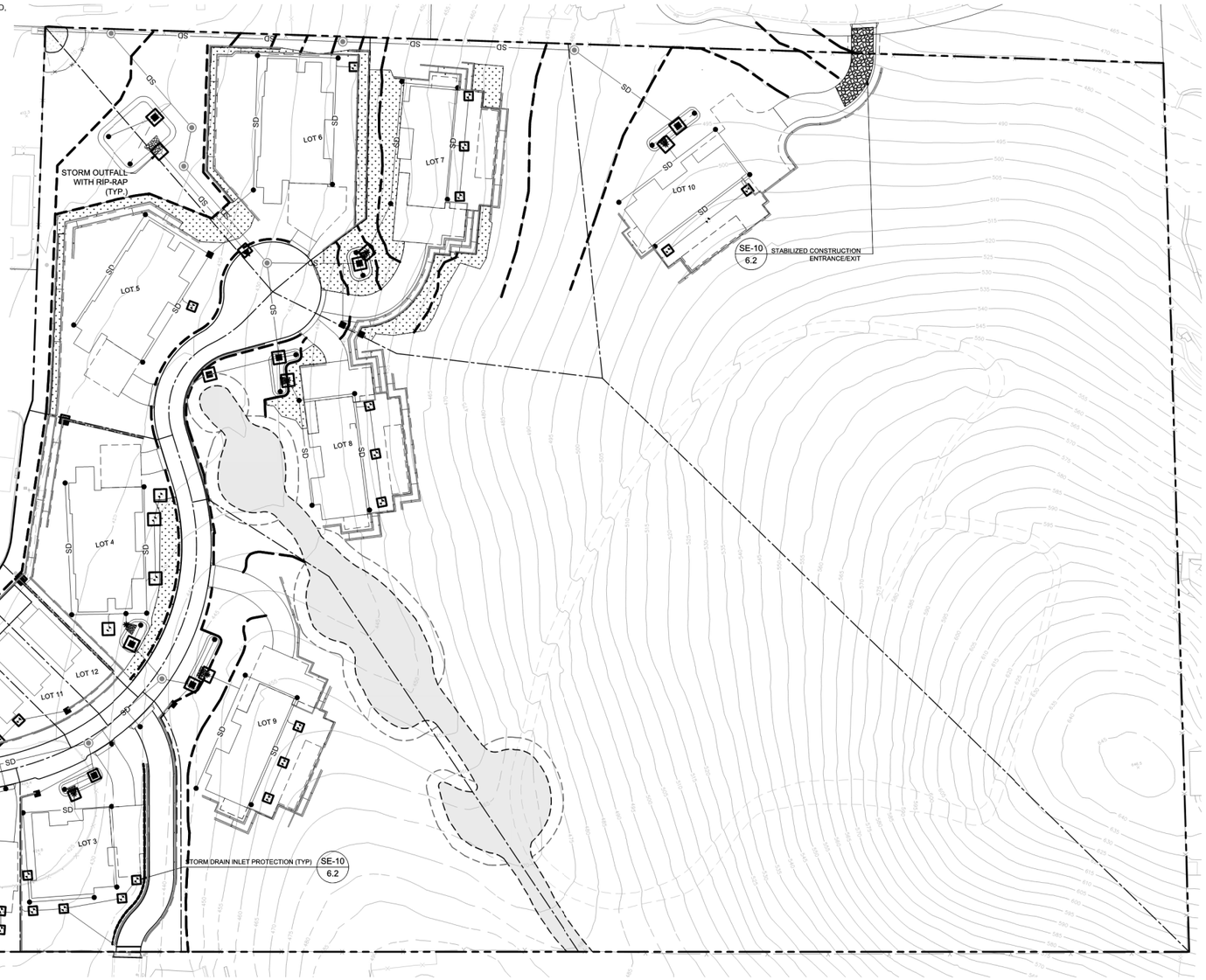
FIBER ROLL OR SILT FENCE (SEE PLAN)

STABILIZED CONSTRUCTION ENTRANCE

HYDROSEED DISTURBED AREA

0 25 50 100

1 INCH = 50 FEET



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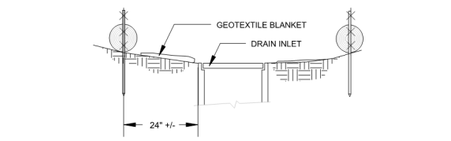
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DESIGNED BY:	AV/RH
DRAWN BY:	AV
CHECKED BY:	RH
DATE:	AUGUST XX, 2025
SCALE:	1" = 50'
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EROSION CONTROL PLAN

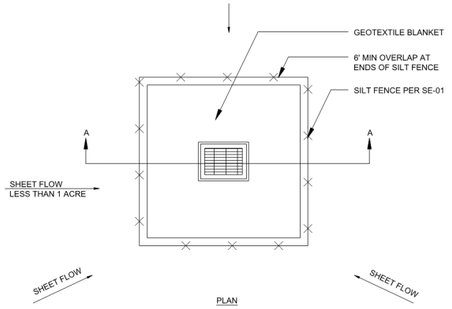
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SECTION A-A

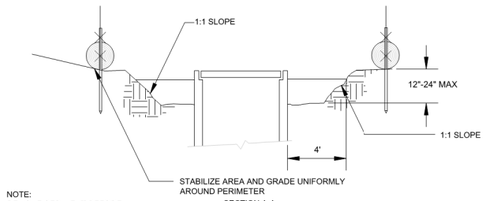


PLAN

NOTES:
1. FOR USE IN AREAS WHERE GRADING HAS BEEN COMPLETED AND FINAL SOIL STABILIZATION AND SEEDING ARE PENDING SHAPE BASIN SO THAT LONGEST INFLOW AREA FACES LONGEST LENGTH OF TRAP
2. NOT APPLICABLE IN PAVED AREAS
3. NOT APPLICABLE WITH CONCENTRATED FLOWS

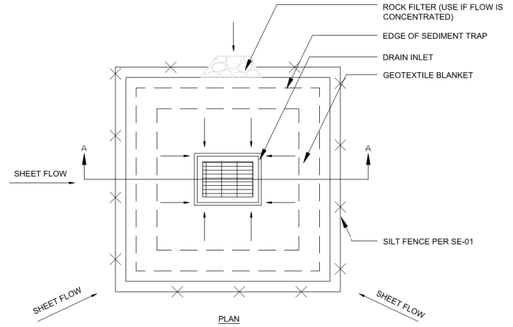
SE-10 STORM DRAIN INLET PROTECTION - TYPE 1

N.T.S.



NOTE:
REMOVE SEDIMENT BEFORE REACHING ONE-THIRD FULL

SECTION A-A

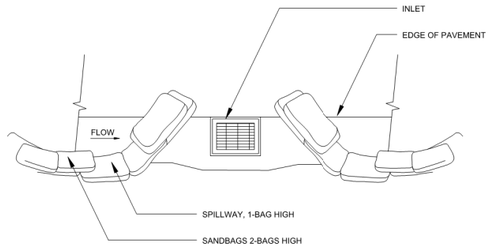


PLAN

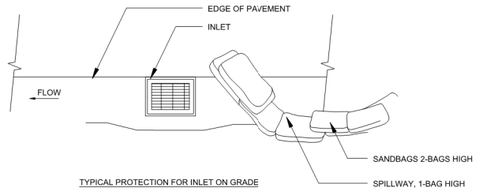
NOTES:
1. FOR USE IN CLEARED AND GRUBBED AND IN GRADED AREAS
2. SHAPE BASIN SO THAT LONGEST INFLOW AREA FACES LONGEST LENGTH OF TRAP
3. FOR CONCENTRATED FLOWS SHAPE BASIN IN 2:1 RATIO WITH LENGTH ORIENTED TOWARDS DIRECTION FLOW

SE-10 STORM DRAIN INLET PROTECTION - TYPE 2

N.T.S.



TYPICAL PROTECTION FOR INLET ON SUMP

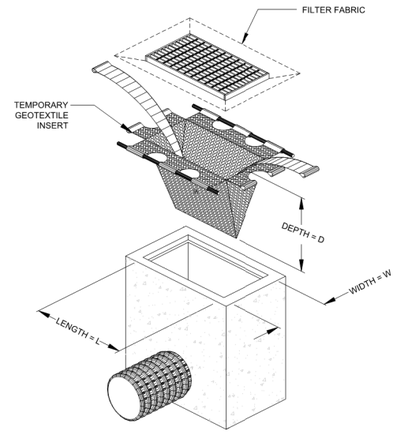


TYPICAL PROTECTION FOR INLET ON GRADE

NOTES:
1. INTENDED FOR SHORT TERM USE
2. USED TO INHIBIT STORM WATER FLOW
3. ALLOW FOR PROPER MAINTENANCE AND CLEANUP
4. BAG MUST BE REMOVED AFTER ADJACENT OPERATION IS COMPLETED
5. NOT APPLICABLE IN AREAS WITH HIGH SILTS AND CLAYS WITHOUT FILTER FABRICS

SE-10 STORM DRAIN INLET PROTECTION - TYPE 3

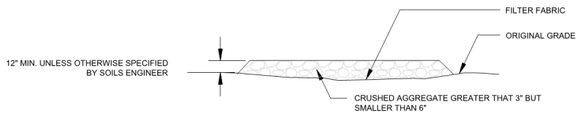
N.T.S.



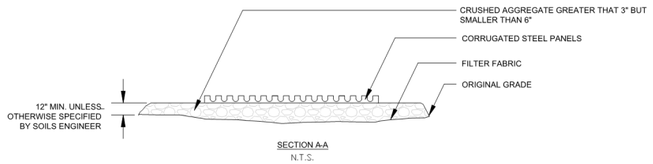
NOTES:
1. INTENDED FOR SHORT TERM USE
2. INSTALL PER MANUFACTURER INSTRUCTION
3. PERFORM MAINTENANCE PER MANUFACTURER RECOMMENDATION

SE-10 STORM DRAIN INLET PROTECTION - TYPE 4

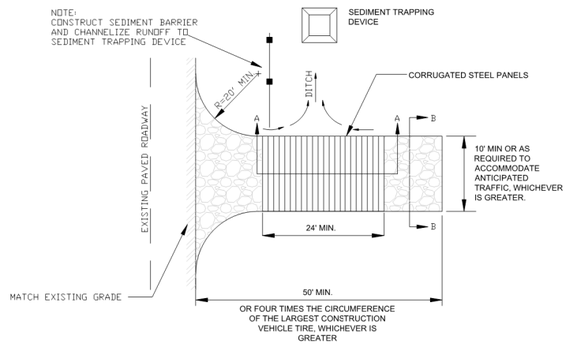
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SECTION B-B
N.T.S.

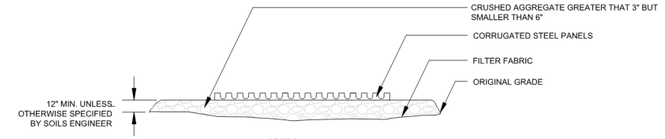


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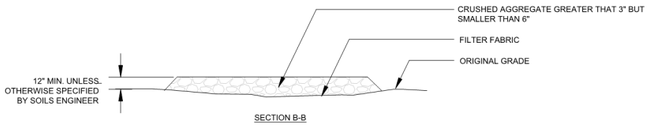


TC-1 STABILIZED CONSTRUCTION ENTRANCE/EXIT

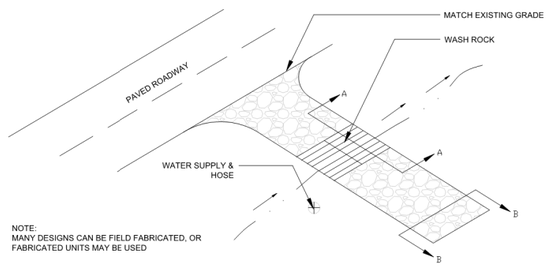
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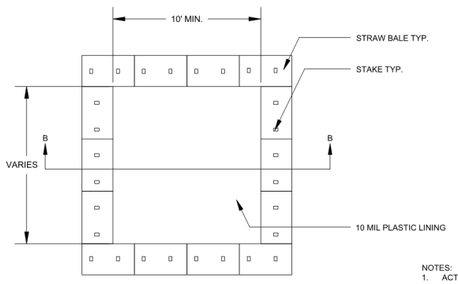
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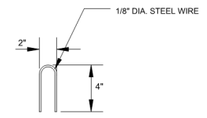
NOTE:
MANY DESIGNS CAN BE FIELD FABRICATED, OR FABRICATED UNITS MAY BE USED

TC-3 ENTRANCE / OUTLET TIRE WASH

N.T.S.

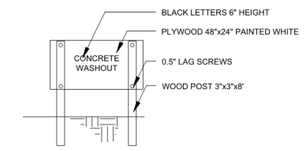


PLAN
N.T.S.
TYPE "ABOVE GRADE" STRAW BALES

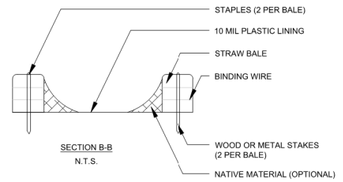


STAPLE DETAIL
N.T.S.

NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD
2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY



CONCRETE WASHOUT SIGN OR EQUIVALENT
N.T.S.



SECTION B-B
N.T.S.

WM-8 CONCRETE WASTE MANAGEMENT

N.T.S.

NOTE:
DETAILS SHOWN ARE BASED UPON THE CALIFORNIA STORMWATER QUALITY ASSOCIATION'S STORMWATER BEST MANAGEMENT PRACTICE HANDBOOK.

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DESIGNED BY:	XX
DRAWN BY:	JZ/XX
CHECKED BY:	XX
DATE:	AUGUST XX, 2025
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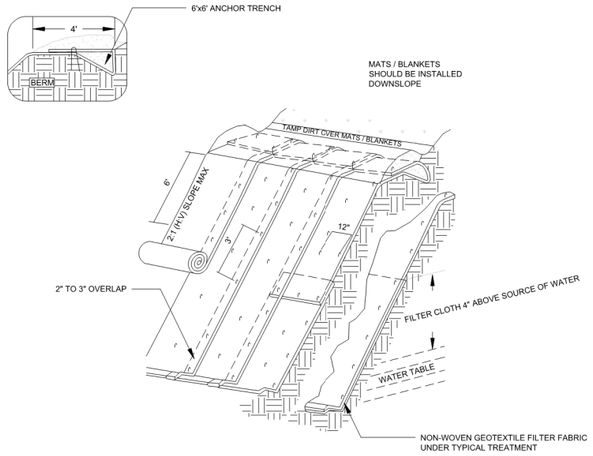
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EROSION CONTROL DETAILS

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ISOMETRIC VIEW

TYPICAL SLOPE SOIL STABILIZATION

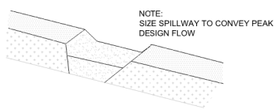
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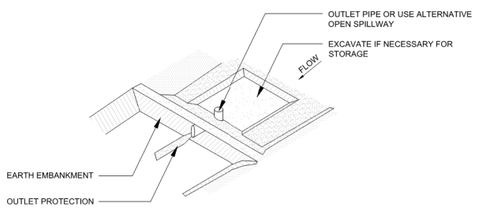
1. SLOPE SURFACES SHALL BE FREE OF ROCKS, CLODS, STICKS, AND GRASS. MATS / BLANKETS SHALL HAVE GOOD SOIL CONTACT
2. LAY BLANKETS LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH THE SOIL. DO NOT STRETCH
3. INSTALL PER MANUFACTURER'S RECOMMENDATIONS

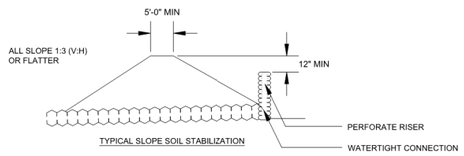
EC-7 GEOTEXTILES AND MATS TYPICAL INSTALLATION DETAIL

N.T.S.



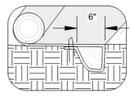
TYPICAL OPEN SPILLWAY





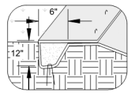
SE-3 SEDIMENT TRAP

N.T.S.



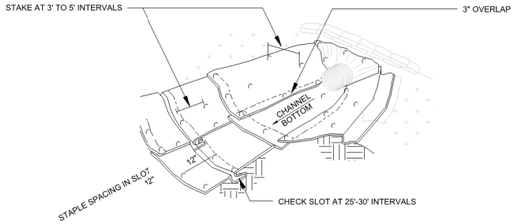
INITIAL CHANNEL ANCHOR TRENCH

N.T.S.



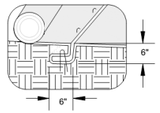
TERMINAL SLOPE AND CHANNEL ANCHOR TRENCH

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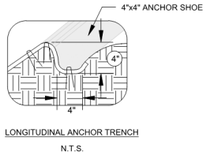
ISOMETRIC VIEW

N.T.S.



INTERMITTENT CHECK SLOT

N.T.S.



LONGITUDINAL ANCHOR TRENCH

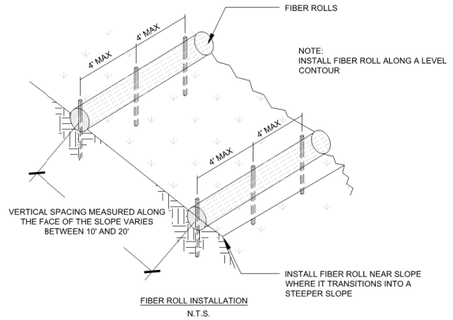
N.T.S.

NOTES:

1. CHECK SLOTS TO BE CONSTRUCTED PER MANUFACTURER'S SPECIFICATIONS
2. STAKING OR STAPLING PER MANUFACTURER'S SPECIFICATIONS
3. INSTALL PER MANUFACTURER'S SPECIFICATIONS

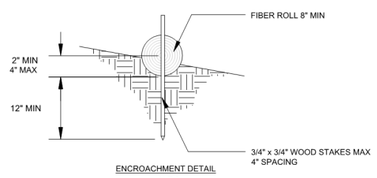
EC-7 GEOTEXTILES AND MATS TYPICAL INSTALLATION DETAIL

N.T.S.



FIBER ROLL INSTALLATION

N.T.S.

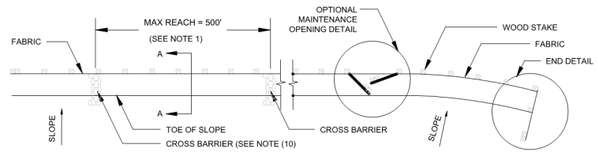


ENCROACHMENT DETAIL

N.T.S.

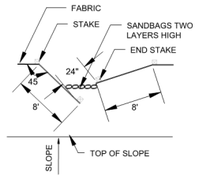
SE-5 FIBER ROLLS

N.T.S.

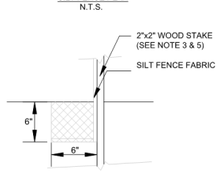


SILT FENCE PLAN

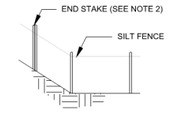
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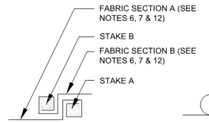
OPTIONAL MAINTENANCE OPENING DETAIL



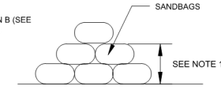
DETAIL A



END DETAIL

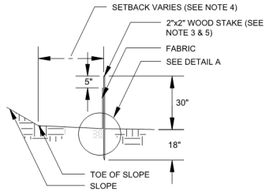


JOINING SECTION DETAIL (TOP VIEW)



SECTION C-C

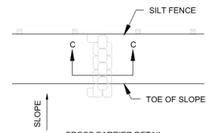
N.T.S.



SECTION A-A



END STAKE DETAIL (TOP VIEW)



CROSS BARRIER DETAIL

N.T.S.

NOTES:

1. CONSTRUCT LENGTH OF EACH REACH SO THAT THE CHANGE IN BASE ELEVATION ALONG THE REACH DOES NOT EXCEED 1/3 THE HEIGHT OF THE LINEAR BARRIER IN NO CASE SHALL THE REACH LENGTH EXCEED 500'
2. THE LAST 8'-0" OF FENCE SHALL BE TURNED UP SLOPE
3. STAKE DIMENSIONS ARE NOMINAL
4. DIMENSION MAY VARY TO FIT FIELD CONDITIONS
5. STAKES SHALL BE SPACED AT 8'-0" MAXIMUM AND SHALL BE POSITIONED ON THE DOWNSIDE OF THE FENCE
6. STAKES TO OVERLAP AND FENCE FABRIC TO FOLD AROUND EACH STAKE ONE FULL TURN. SECURE FABRIC TO STAKE WITH 4 STAPLES
7. STAKES SHALL BE DRIVEN LIGHTLY TOGETHER TO PREVENT POTENTIAL FLOW-THROUGH OF SEDIMENT AT JOINT. THE TOPS OF THE STAKES SHALL BE SECURED WITH WIRE
8. FOR END STAKE FENCE FABRIC SHALL BE FOLDED AROUND TWO STAKES ONE FULL TURN AND SECURED WITH 4 STAPLES
9. MINIMUM 4 STAPLES PER STAKE. DIMENSIONS SHOWN ARE TYPICAL
10. CROSS BARRIERS SHALL BE A MINIMUM OF 1/3 AND A MAXIMUM OF 1/2 HEIGHT OF THE LINEAR BARRIER
11. MAINTENANCE OPENINGS SHALL BE CONSTRUCTED INA MANNER TO ENSURE SEDIMENT REMAINS BEHIND SILT FENCE
12. JOINING SECTIONS SHALL NOT BE PLACES AT SUMP LOCATIONS
13. SANDBAG ROWS AND LAYERS SHALL BE OFFSET TO ELIMINATE GAPS

SE-1 SILT FENCE

N.T.S.

EROSION CONTROL PLAN NOTES:

THIS WATER POLLUTION CONTROL PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES (BMPS) LISTED IN THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), AND SHALL IMPLEMENT AND MAINTAIN THE SWPPP FOR THE PROJECT IN FULL COMPLIANCE WITH THE REVISED STATE REGULATIONS TO CONTROL THE DISCHARGE OF STORMWATER POLLUTANTS.

NOTE:

DETAILS SHOWN ARE BASED UPON THE CALIFORNIA STORMWATER QUALITY ASSOCIATION'S STORMWATER BEST MANAGEMENT PRACTICE HANDBOOK.

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SURREY FARM ESTATES
178 TWIN OAKS DRIVE
DEVELOPMENT REVIEW & TENTATIVE MAP
M-24-013

NO	DATE	DESCRIPTION
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4	07/25/25	PER CITY COMMENTS
3	04/18/25	PER CITY COMMENTS
2	01/08/25	PER CITY COMMENTS
1	10/07/24	PER CITY COMMENTS

PROJECT NO:	4185.10
CAD DWG FILE:	418510EC.DWG
DESIGNED BY:	XX
DRAWN BY:	JZHU
CHECKED BY:	XX
DATE:	AUGUST XX, 2025
SCALE:	AS SHOWN

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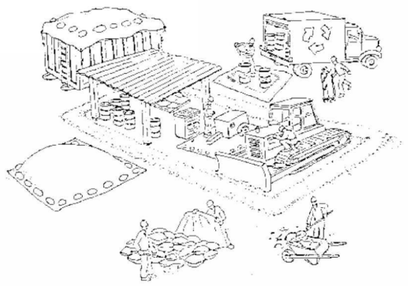
EROSION CONTROL DETAILS

6.2

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Pollution Prevention — It's Part of the Plan



Make sure your crews and subs do the job right!



Runoff from streets and other paved areas is a major source of pollution in San Francisco Bay. Construction activities can directly affect the health of the Bay unless contractors and crews plan ahead to keep dirt, debris, and other construction waste away from storm drains and local creeks. Following these guidelines will ensure your compliance with local ordinance requirements.

Materials storage & spill cleanup

Non-hazardous materials management

- ✓ Sand, dirt, and similar materials must be stored at least 10 feet from catch basins, and covered with a tarp during wet weather or when rain is forecast.
- ✓ Use (but don't overuse) reclaimed water for dust control as needed.
- ✓ Sweep streets and other paved areas daily. Do not wash down streets or work areas with water!
- ✓ Recycle all asphalt, concrete, and aggregate base material from demolition activities.
- ✓ Check dumpsters regularly for leaks and to make sure they don't overflow. Repair or replace leaking dumpsters promptly.

Hazardous materials management

- ✓ Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, state, and federal regulations.
- ✓ Store hazardous materials and wastes in secondary containment and cover them during wet weather.
- ✓ Follow manufacturer's application instructions for hazardous materials and be careful not to use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- ✓ Be sure to arrange for appropriate disposal of all hazardous wastes.

Spill prevention and control

- ✓ Keep a stockpile of spill cleanup materials (rags, absorbents, etc.) available at the construction site at all times.
- ✓ When spills or leaks occur, contain them immediately and be particularly careful to prevent leaks and spills from reaching the gutter, street, or storm drain. Never wash spilled material into a gutter, street, storm drain, or creek!
- ✓ Report any hazardous materials spills immediately! Dial 911 or your local emergency response number.

Vehicle and equipment maintenance & cleaning



- ✓ Inspect vehicles and equipment for leaks frequently. Use drip pans to catch leaks until repairs are made; repair leaks promptly.
- ✓ Fuel and maintain vehicles on site only in a bermed area or over a drip pan that is big enough to prevent runoff.
- ✓ If you must clean vehicles or equipment on site, clean with water only in a bermed area that will not allow rinsewater to run into gutters, streets, storm drains, or creeks.
- ✓ Do not clean vehicles or equipment on-site using soaps, solvents, degreasers, steam cleaning equipment, etc.

Earthwork & contaminated soils



- ✓ Keep excavated soil on the site where it is least likely to collect in the street. Transfer to dump trucks should take place on the site, not in the street.
- ✓ Use hay bales, silt fences, or other control measures to minimize the flow of silt off the site.
- ✓ Avoid scheduling earth moving activities during the rainy season if possible. If grading activities during wet weather are allowed in your permit, be sure to implement all control measures necessary to prevent erosion.
- ✓ Mature vegetation is the best form of erosion control. Minimize disturbance to existing vegetation whenever possible.
- ✓ If you disturb a slope during construction, prevent erosion by securing the soil with erosion control fabric, or seed with fast-growing grasses as soon as possible. Place hay bales down-slope until soil is secure.
- ✓ If you suspect contamination (from site history, discoloration, odor, texture, abandoned underground tanks or pipes, or buried debris), call your local fire department for help in determining what testing should be done.
- ✓ Manage disposal of contaminated soil according to Fire Department instructions.

Dewatering operations



- ✓ Reuse water for dust control, irrigation, or another on-site purpose to the greatest extent possible.
- ✓ Be sure to call your city's storm drain inspector before discharging water to a street, gutter, or storm drain. Filtration or diversion through a basin, tank, or sediment trap may be required.
- ✓ In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the city inspector to determine what testing to do and to interpret results. Contaminated groundwater must be treated or hauled off-site for proper disposal.

Saw cutting

- ✓ Always completely cover or barricade storm drain inlets when saw cutting. Use filter fabric, hay bales, sand bags, or fine gravel dams to keep slurry out of the storm drain system.
- ✓ Shovel, absorb, or vacuum saw-cut slurry and pick up all waste as soon as you are finished in one location or at the end of each work day (whichever is sooner!).
- ✓ If saw cut slurry enters a catch basin, clean it up immediately.

Paving/asphalt work



- ✓ Do not pave during wet weather or when rain is forecast.
- ✓ Always cover storm drain inlets and manholes when paving or applying seal coat, tack coat, slurry seal, or fog seal.
- ✓ Place drip pans or absorbent material under paving equipment when not in use.
- ✓ Protect gutters, ditches, and drainage courses with hay bales, sand bags, or earthen berms.
- ✓ Do not sweep or wash down excess sand from sand sealing into gutters, storm drains, or creeks. Collect sand and return it to the stockpile, or dispose of it as trash.
- ✓ Do not use water to wash down fresh asphalt concrete pavement.

Concrete, grout, and mortar storage & waste disposal

- ✓ Be sure to store concrete, grout, and mortar under cover and away from drainage areas. These materials must never reach a storm drain.
- ✓ Wash out concrete equipment/trucks off-site or designate an on-site area for washing where water will flow onto dirt or into a temporary pit in a dirt area. Let the water seep into the soil and dispose of hardened concrete with trash.



- ✓ Divert water from washing exposed aggregate concrete to a dirt area where it will not run into a gutter, street, or storm drain.
- ✓ If a suitable dirt area is not available, collect the wash water and remove it for appropriate disposal off site.

Painting



- ✓ Never rinse paint brushes or materials in a gutter or street!
- ✓ Paint out excess water-based paint before rinsing brushes, rollers, or containers in a sink. If you can't use a sink, direct wash water to a dirt area and spade it in.
- ✓ Paint out excess oil-based paint before cleaning brushes in thinner.
- ✓ Filter paint thinners and solvents for reuse whenever possible. Dispose of oil-based paint sludge and unusable thinner as hazardous waste.

Bay Area Stormwater Management Agencies Association (BASMAA)
1-888-BAYWISE

Storm drain polluters may be liable for fines of up to $10,000 per day!

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SURREY FARM ESTATES
178 TWIN OAKS DRIVE
DEVELOPMENT REVIEW & TENTATIVE MAP
M-24-013

NO	DATE	DESCRIPTION
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4.	07/25/25	PER CITY COMMENTS
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1.	10/07/24	PER CITY COMMENTS

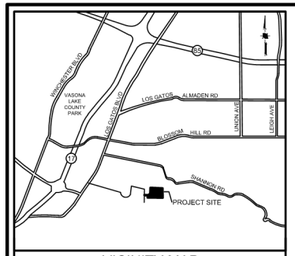
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CAD DWG FILE:	418510EC.DWG
DESIGNED BY:	XX
DRAWN BY:	NW
CHECKED BY:	XX
DATE:	AUGUST XX, 2025
SCALE:	AS SHOWN

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BASMAA

6.3

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VICINITY MAP
NOT TO SCALE

REQUIRED FIRE FLOW & HYDRANTS

LOT 1: 2231 SF, TYPE VB
FIRE FLOW: 500 GPM FOR 1/2 HOUR, PER CFC APPENDIX B, TABLE B105.1(1)
HYDRANTS: 1 HYDRANT WITH AVERAGE SPACING 500' PER CFC APPENDIX C, TABLE C102.1

LOTS 2,3: 7773 SF, TYPE VB
FIRE FLOW: 1250 GPM FOR 1 HOUR, PER CFC APPENDIX B, TABLE B105.1(1) AND TABLE B105.1(2)
HYDRANTS: 2 HYDRANTS WITH AVERAGE SPACING 450' PER CFC APPENDIX C, TABLE C102.1

LOTS 4,5,6: 6827 SF, TYPE VB
FIRE FLOW: 1125 GPM FOR 1 HOUR, PER CFC APPENDIX B, TABLE B105.1(1) AND TABLE B105.1(2)
HYDRANTS: 2 HYDRANTS WITH AVERAGE SPACING 450' PER CFC APPENDIX C, TABLE C102.1

LOTS 7,8,9,10: 7699 SF, TYPE VB
FIRE FLOW: 1125 GPM FOR 1 HOUR, PER CFC APPENDIX B, TABLE B105.1(1) AND TABLE B105.1(2)
HYDRANTS: 2 HYDRANTS WITH AVERAGE SPACING 450' PER CFC APPENDIX C, TABLE C102.1

LOT 11 & 12: 2155 SF, TYPE VB
FIRE FLOW: 500 GPM FOR 1/2 HOUR, PER CFC APPENDIX B, TABLE B105.1(1)
HYDRANTS: 1 HYDRANT WITH AVERAGE SPACING 500' PER CFC APPENDIX C, TABLE C102.1

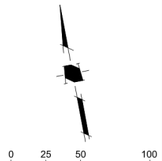
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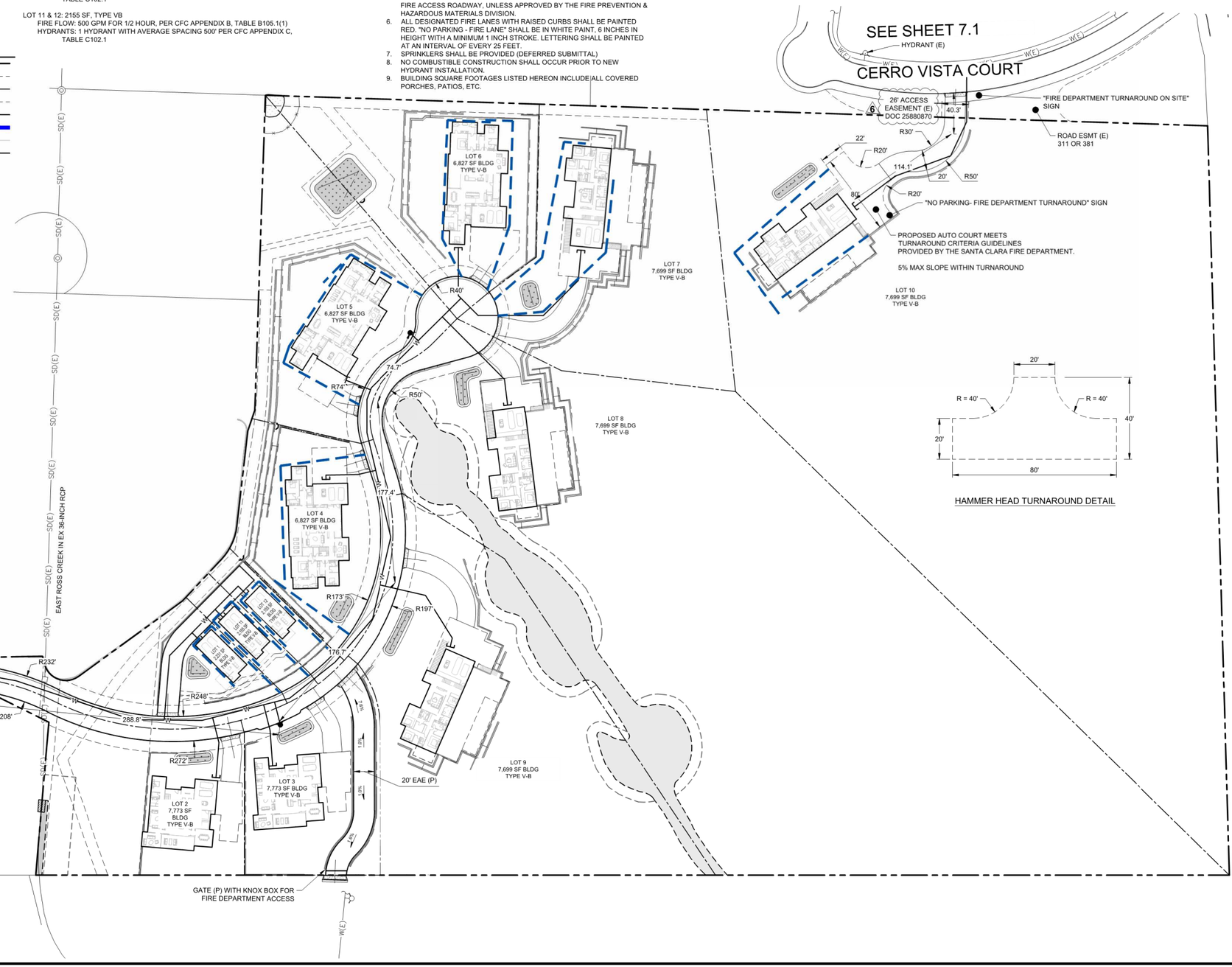
1. PRIVATE STREETS WILL INCLUDE EMERGENCY ACCESS EASEMENTS
2. MAX HOSE PULL LENGTH IS 200'
3. CONSTRUCTION TYPE IS V-B
4. OCCUPANCY GROUPS: R-3
5. ACCESS ROADWAYS SHALL BE PROVIDED TO COMPLY WITH ALL OF THE FOLLOWING REQUIREMENTS:
   a. FIRE APPARATUS ACCESS ROADWAYS SHALL HAVE A "MINIMUM" WIDTH OF A FIRE APPARATUS ACCESS ROADWAY FOR ENGINES IS 20 FEET.
   b. FIRE ACCESS ROADWAYS SHALL HAVE A "MINIMUM" UNOBSTRUCTED VERTICAL CLEARANCE OF NOT LESS THAN 13 FEET 6 INCHES.
   c. ALL FIRE DEPARTMENT ACCESS ROADWAYS INCLUDING THE PRIVATE STREET, DRIVEWAYS, AND EMERGENCY ACCESS EASEMENTS SHALL BE AN ALL-WEATHER SURFACE DESIGNED TO SUPPORT THE IMPOSED LOAD OF FIRE APPARATUS WITH A GROSS VEHICLE WEIGHT OF 75,000-POUNDS.
   d. FIRE APPARATUS ACCESS ROADWAYS SHALL HAVE A "MINIMUM" INSIDE TURNING RADIUS FOR FIRE DEPARTMENT ACCESS ROADWAYS SHALL BE 30 FEET OR GREATER.
   e. THE GRADE FOR EMERGENCY APPARATUS ACCESS ROADWAYS SHALL NOT EXCEED 10 PERCENT TO FACILITATE FIRE-GROUND OPERATIONS.
   f. TRAFFIC CALMING DEVICES ARE NOT PERMITTED ON ANY DESIGNATED FIRE ACCESS ROADWAY, UNLESS APPROVED BY THE FIRE PREVENTION & HAZARDOUS MATERIALS DIVISION.
6. ALL DESIGNATED FIRE LANES WITH RAISED CURBS SHALL BE PAINTED RED. "NO PARKING - FIRE LANE" SHALL BE IN WHITE PAINT, 6 INCHES IN HEIGHT WITH A MINIMUM 1 INCH STROKE. LETTERING SHALL BE PAINTED AT AN INTERVAL OF EVERY 25 FEET.
7. SPRINKLERS SHALL BE PROVIDED (DEFERRED SUBMITTAL)
8. NO COMBUSTIBLE CONSTRUCTION SHALL OCCUR PRIOR TO NEW HYDRANT INSTALLATION.
9. BUILDING SQUARE FOOTAGES LISTED HEREON INCLUDE ALL COVERED PORCHES, PATIOS, ETC.

LEGEND

PROJECT BOUNDARY	
EXISTING EASEMENT	
PROPOSED PROPERTY LINE	
PROPOSED EASEMENT	
PROPOSED BUILDING	
200' MAX. HOSE PULL	
EXISTING WATER LINE	W(E) — EX 6"W — W(E)
FIRE DEPARTMENT LINE (PROPOSED)	F — 6"FW — F
FIRE HYDRANT (E)	
FIRE HYDRANT (P)	
FIRE DEPARTMENT CONNECT (P)	
PRIVATE INGRESS EGRESS EASEMENT	PIEE
EMERGENCY ACCESS EASEMENT	EAE
PUBLIC SERVICE EASEMENT	PSE
EXISTING	(E)
PROPOSED	(P)

30'/50' TURNING RADIUS





HAMMER HEAD TURNAROUND DETAIL

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SURREY FARM ESTATES
178 TWIN OAKS DRIVE
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M-24-013

NO	DATE	DESCRIPTION
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2.	01/08/25	PER CITY COMMENTS

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DRAWN BY:	NW
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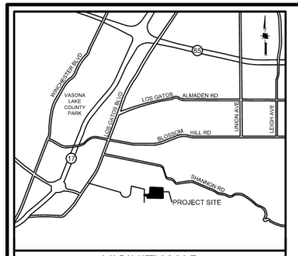
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FIRE ACCESS PLAN

7.0

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VICINITY MAP
NOT TO SCALE

REQUIRED FIRE FLOW & HYDRANTS

LOTS 1,11,12: 2070 SF, TYPE VB
FIRE FLOW: 1000 GPM FOR 1 HOUR, PER CFC APPENDIX B, TABLE B105.1(1)
HYDRANTS: 1 HYDRANT WITH AVERAGE SPACING 500' PER CFC APPENDIX C, TABLE C102.1

LOTS 4,5,6: 5775 SF, TYPE VB
FIRE FLOW: 1000 GPM FOR 1 HOUR, PER CFC APPENDIX B, TABLE B105.1(1) AND TABLE B105.1(2)
HYDRANTS: 2 HYDRANTS WITH AVERAGE SPACING 450' PER CFC APPENDIX C, TABLE C102.1

LOTS 2,3,7,8,9,10: 6205 - 6830 SF, TYPE VB
FIRE FLOW: 1125 GPM FOR 1 HOUR, PER CFC APPENDIX B, TABLE B105.1(1) AND TABLE B105.1(2)
HYDRANTS: 2 HYDRANTS WITH AVERAGE SPACING 450' PER CFC APPENDIX C, TABLE C102.1

NOTES

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2. MAX HOSE PULL LENGTH IS 200'
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5. ACCESS ROADWAYS SHALL BE PROVIDED TO COMPLY WITH ALL OF THE FOLLOWING REQUIREMENTS:
   a. FIRE APPARATUS ACCESS ROADWAYS SHALL HAVE A "MINIMUM" WIDTH OF A FIRE APPARATUS ACCESS ROADWAY FOR ENGINES IS 20 FEET.
   b. FIRE ACCESS ROADWAYS SHALL HAVE A "MINIMUM" UNOBSTRUCTED VERTICAL CLEARANCE OF NOT LESS THAN 13 FEET 6 INCHES.
   c. ALL FIRE DEPARTMENT ACCESS ROADWAYS SHALL BE AN ALL-WEATHER SURFACE DESIGNED TO SUPPORT THE IMPOSED LOAD OF FIRE APPARATUS WITH A GROSS VEHICLE WEIGHT OF 75,000-POUNDS.
   d. FIRE APPARATUS ACCESS ROADWAYS SHALL HAVE A "MINIMUM" INSIDE TURNING RADIUS FOR FIRE DEPARTMENT ACCESS ROADWAYS SHALL BE 30 FEET OR GREATER.
   e. THE GRADE FOR EMERGENCY APPARATUS ACCESS ROADWAYS SHALL NOT EXCEED 10 PERCENT TO FACILITATE FIRE-GROUND OPERATIONS.
   f. TRAFFIC CALMING DEVICES ARE NOT PERMITTED ON ANY DESIGNATED FIRE ACCESS ROADWAY, UNLESS APPROVED BY THE FIRE PREVENTION & HAZARDOUS MATERIALS DIVISION.
6. ALL DESIGNATED FIRE LANES WITH RAISED CURBS SHALL BE PAINTED RED. "NO PARKING - FIRE LANE" SHALL BE IN WHITE PAINT, 6 INCHES IN HEIGHT WITH A MINIMUM 1 INCH STROKE. LETTERING SHALL BE PAINTED AT AN INTERVAL OF EVERY 25 FEET.

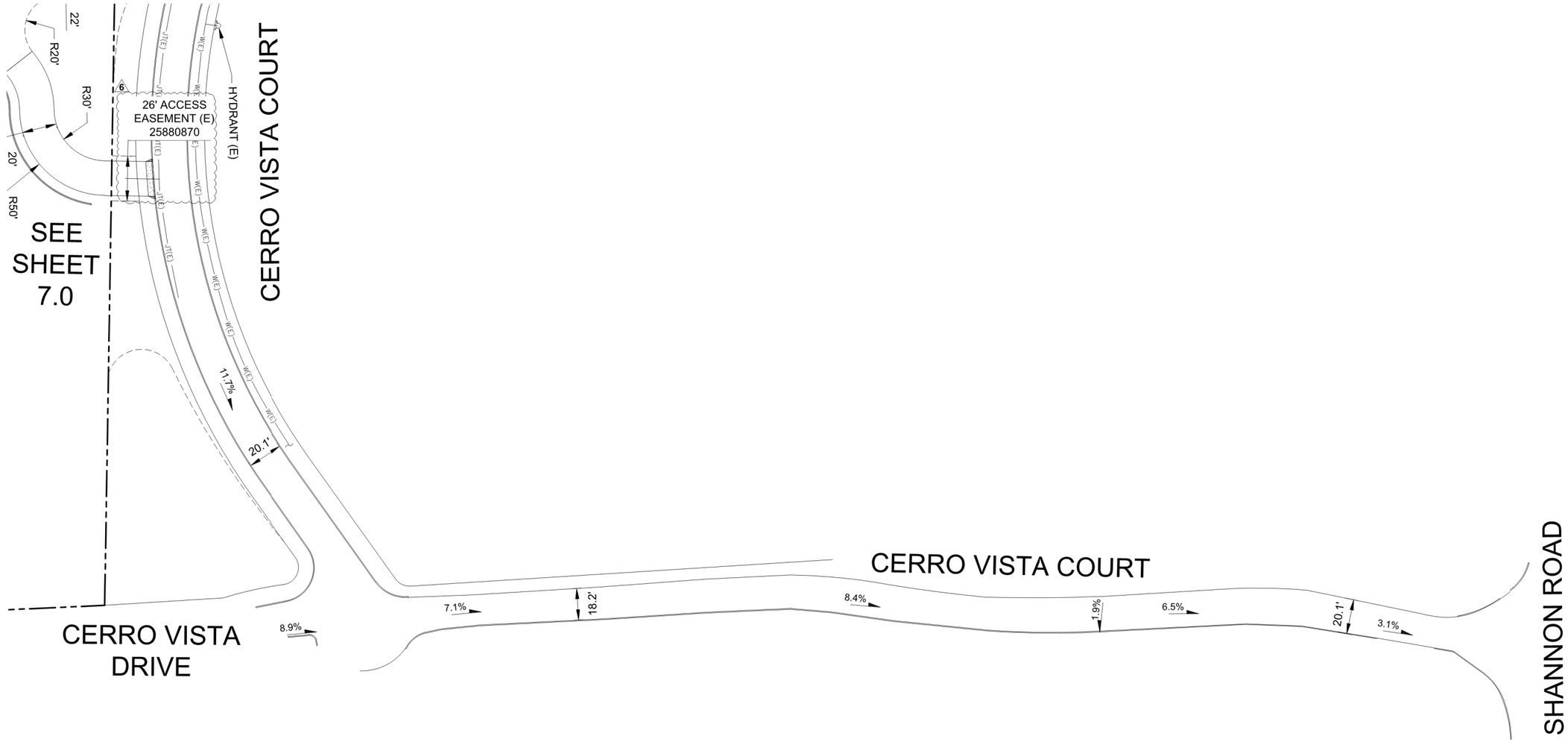
LEGEND

PROJECT BOUNDARY	
EXISTING EASEMENT	
PROPOSED PROPERTY LINE	
PROPOSED EASEMENT	
PROPOSED BUILDING	
200' MAX. HOSE PULL	
EXISTING WATER LINE	W(E) — EX. 6"W — W(E)
FIRE DEPARTMENT LINE (PROPOSED)	F — 6"FW — F
FIRE HYDRANT (E)	
FIRE HYDRANT (P)	
FIRE DEPARTMENT CONNECT (P)	
PRIVATE INGRESS EGRESS EASEMENT	PIEE
EMERGENCY ACCESS EASEMENT	EAE
PUBLIC SERVICE EASEMENT	PSE
EXISTING	(E)
PROPOSED	(P)

30'/50' TURNING RADIUS

0 15 30 60

1 INCH = 30 FEET



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SURREY FARM ESTATES

178 TWIN OAKS DRIVE

DEVELOPMENT REVIEW & TENTATIVE MAP

M-24-013

NO	DATE	DESCRIPTION
6	10/24/25	PER CITY COMMENTS
5	09/15/25	PER CITY COMMENTS
4	07/25/25	PER CITY COMMENTS
3	04/18/25	PER CITY COMMENTS
2	01/08/25	PER CITY COMMENTS

PROJECT NO:	4185.10
CAD DWG FILE:	418510FA.DWG
DESIGNED BY:	XX
DRAWN BY:	NW
CHECKED BY:	RH
DATE:	AUGUST XX, 2025
SCALE:	AS SHOWN

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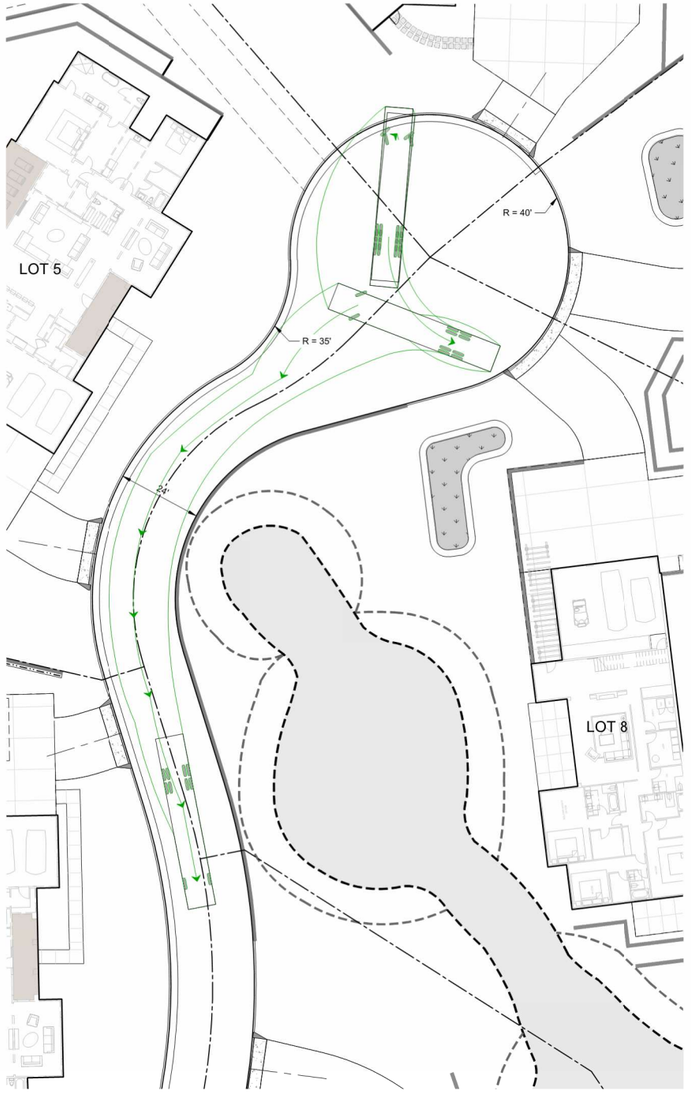
FIRE ACCESS PLAN

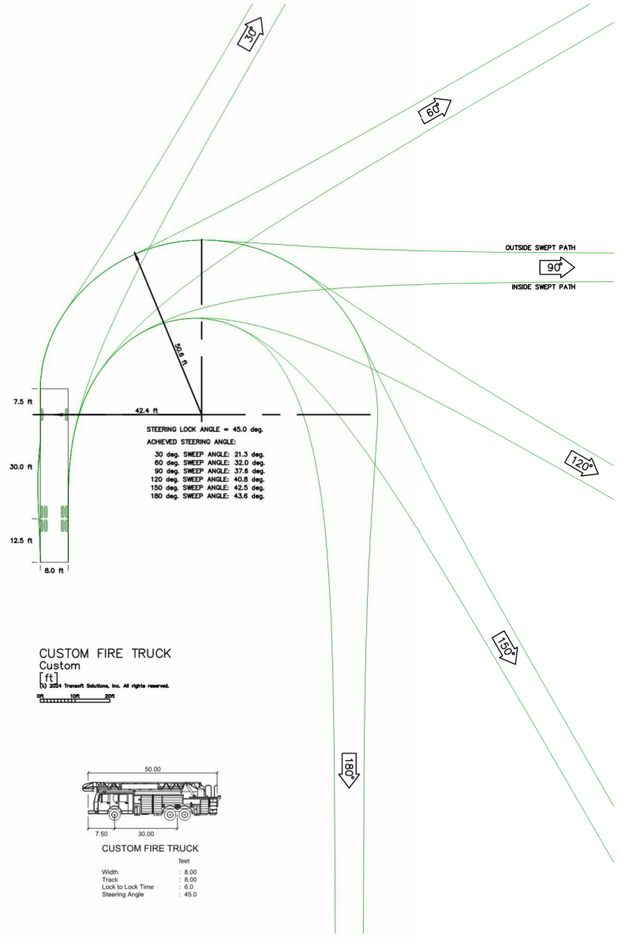
7.1

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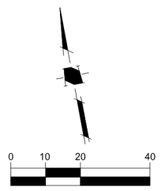




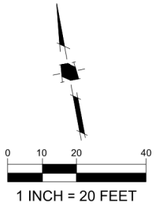
CUSTOM FIRE TRUCK
Custom
[ft]
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CUSTOM FIRE TRUCK

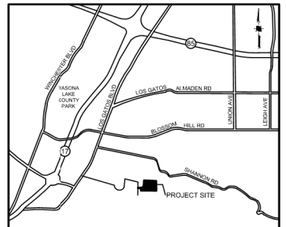
	feet
Width	: 8.00
Track	: 8.00
Lock to Lock Time	: 6.0
Steering Angle	: 45.0



1 INCH = 20 FEET



1 INCH = 20 FEET



VICINITY MAP
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1.	10/07/24	PER CITY COMMENTS

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FIRE TRUCK TURNAROUND

7.2

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SANTA CLARA COUNTY FIRE DEPARTMENT
1315 Dell Avenue, Campbell, CA 95008 | (408) 378-4010 | SCCFD.org

PLAN REVIEW No. 25 3804
BLDG PERMIT No.

DEVELOPMENTAL REVIEW COMMENTS

Plans and Scope of Review:

This project shall comply with the following:

The California Fire (CFC) & Building (CBC) Code, 2022 edition, as adopted by the Town of Los Gatos Town Code (LGTC), California Code of Regulations (CCR) and Health & Safety Code.

The scope of this project includes the following:
Request for exception to State Minimum Fire Safe Regulations for a new 7,699 SF two-story single family dwelling (Lot 10) as part of a 12 lots subdivision development.

Plan Status:
The Exception Request, per 14 CCR § 1270.06 is **APPROVED**.
Discussion:
This alternate proposes to mitigate deficiencies of required 20 feet roadway width per California Code of Regulations, Title 14, Division 1.5, Chapter 7, Subchapter 2 Articles 1-5, § 1273.01. and CFC Section 503. A 10 feet in length segment of roadway on Cerro Vista Dr that is less than the required 20 feet.

In order to mitigate the this noncompliant roadway width, the applicant proposes the following:
-Upgraded sprinkler system with additional heads in closets, bathrooms, attic and covered porch for the 7,699 SF SF house.
-4 heads hydraulic calculation sprinkler system will be provided.

Plan Review Comments:
-Make a note on building permit set coversheet that an approved AMMR/PRC 4290 request of exception is included and modified sprinkler system will be installed.
-A copy of the Alternate Means/Methods application form with approval signature shall be made part of the building permit drawing set, to be routed to Santa Clara County Fire Department for final approval
-A copy of this comment letter shall be made part of the building permit drawing set.

This review shall not be construed to be an approval of a violation of the provisions of the California Fire Code or of other laws or regulations of the jurisdiction. A permit presuming to give authority to violate or cancel the provisions of the fire code or other such laws or regulations shall not be valid. Any addition to or alteration of approved construction documents shall be approved in advance. [CFC, Ch.1, 105.3.6]

City	PLANS	SPECS	NEW	RMDL	AS	OCCUPANCY	CONST. TYPE	ApplicantName	DATE	PAGE
LGA	☐	☐	☐	☐	☐			Dodge Family - Pennant Properties	10/16/2025	1 OF 1

SEC/FLOOR	AREA	LOAD	PROJECT DESCRIPTION	PROJECT TYPE OR SYSTEM
			Residential Development	Exception Request - PRC-4290

NAME OF PROJECT	LOCATION
SFR	178 Twin Oaks Way Los Gatos

TABULAR FIRE FLOW	REDUCTION FOR FIRE SPRINKLERS	REQUIRED FIRE FLOW @ 20 PSI	BY
			Ip, Kenny

A California Fire Protection District serving Santa Clara County and the communities of Campbell, Cupertino, Los Altos, Los Altos Hills, Los Gatos, Monte Sereno, Saratoga and the surrounding unincorporated communities.

SANTA CLARA COUNTY FIRE DEPARTMENT
1315 Dell Avenue, Campbell, CA 95008 | (408) 378-4010 | SCCFD.org

Please complete the following information as applicable to support your request. Use additional paper if necessary.

1. Quality: PLEASE SEE ATTACHED LETTER
2. Strength:
3. Effectiveness:
4. Fire Resistance:
5. Durability:
6. Safety:

Additional evidence of proof:

Applicant Signature: Date: 15 AUG 2025

****

The above application has been reviewed and has been:

☒ **ACCEPTED** ☐ **REJECTED**

Signature:
Fire Official: CRAIG FOX 2162 (FOR AC ESTRADA) Date: 10/16/25
Building Official: Date:

DropBox/FirePrevention/Administrative/applications/bh/06.23.2025

SANTA CLARA COUNTY FIRE DEPARTMENT
1315 Dell Avenue, Campbell, CA 95008 | (408) 378-4010 | SCCFD.org

APPLICATION FOR USE OF ALTERNATE MATERIALS, METHODS OF CONSTRUCTION, OR MODIFICATION OF CODE

Project Street Address: 178 Twin Oaks Way
Project City: Los Gatos **Building Permit #** 25 1961

Applicant's Name: Dodge Family c/o Jim Foley/Pennant Properties
Applicant's Address: 223 W Main St Los Gatos CA 95030 Suite:
Phone Number: (408) 813-7490 Email: jimfoley@pennantproperties.com

The applicant hereby requests the following:

☒ Use of Alternate Materials or Method of Construction

☐ Modification of Code

Codes Affected:

☐ Building Code
☒ Fire Code
☐ Mechanical Code
☐ Electrical Code
☐ Other:

Specific section(s) of the code involved: California Code of Regulations, Title 14, Division 1.5, Chapter 7, Subchapter 2 Articles 1 & 2, § 1273.01, CFC Sec 503, PRC 4290

Brief description of the request: Mitigate for a small section of roadway less than 20' wide to a new lot and potential dwelling.

The Building and Fire Official must evaluate information that the material(s), method of work, and / or modification is equal to the intent of the code in strength, effect, fire-resistance, durability, safety, etc.

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SURREY FARM ESTATES
178 TWIN OAKS DRIVE
DEVELOPMENT REVIEW & TENTATIVE MAP
M-24-013

NO	DATE	DESCRIPTION
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PROJECT NO:	4185.10
CAD DWG FILE:	418510FA.DWG
DESIGNED BY:	RM
DRAWN BY:	NW
CHECKED BY:	RM
DATE:	AUGUST XX, 2025
SCALE:	AS SHOWN

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FIRE AMMR

7.3

6

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GENERAL NOTES

PROJECT NAME:	SURREY FARMS
OWNER:	SURREY FARMS GROUP LLC WALKER-ROBERT LLC TWIN OAKS HIKE LLC PO BOX 2029 RANCHO SANTA FE, CA 92067
SUBDIVIDER:	SAME AS THE OWNER
ENGINEER:	HMH ENGINEERS 1570 OAKLAND ROAD SAN JOSE, CA 95131 ZEF JIMENEZ, RCE #72155
STREET LOCATION:	178 TWIN OAKS DRIVE
EXISTING ZONING:	RESOURCE CONSERVATION (RC)
EXISTING GP DESIGNATION:	AGRICULTURE
EXISTING USE:	VACANT
PROPOSED USE:	RESIDENTIAL
WATER SUPPLY:	SAN JOSE WATER COMPANY
SEWAGE DISPOSAL:	TOWN OF LOS GATOS
ASSESSOR'S PARCEL #(S):	532-16-006
STREET TREES:	SHALL CONFORM TO TOWN OF LCS GATOS STANDARDS
TOTAL SITE AREA:	±17.55 ACRES
PUBLIC STREET DEDICATION:	±0.00 ACRES
NET SITE AREA:	±17.55 NET ACRES
PROPOSED LOTS:	12 BUILDING LOTS
TOTAL UNITS:	12 UNITS
FLOOD ZONE:	ZONE X
TITLE REPORT	THE TITLE REPORT THAT WAS USED FOR THE PREPARATION OF THIS MAP WAS PREPARED BY FIRST AMERICAN, ORDER NUMBER NCS-1202289-SC DATED MAY 15, 2024

- THIS SUBDIVISION WILL CONFORM TO THE STREET TREE PLAN OF THE TOWN OF LOS GATOS.
- DEMOLITION PERMITS MAY BE ISSUED PRIOR TO ISSUANCE OF FINAL BUILDING PERMITS AND RECORDATION OF FINAL MAP.
- MULTIPLE FINAL MAPS MAY BE FILED BASED ON THIS TENTATIVE MAP.
- ALL DIMENSIONS DEPICTED HEREON ARE APPROXIMATE AND ARE SUBJECT TO REVISION AT FINAL MAP(S) STAGE.
- TOPOGRAPHY PROVIDED BY CARTWRIGHT AERIAL SURVEYS, DATED SEPTEMBER 22, 2010.
- NO WELLS EXIST ON THIS SITE.
- NO NEW STREET NAMES HAVE BEEN APPROVED AT THIS TIME.
- ALL EXISTING BUILDINGS WILL BE REMOVED, PRIOR TO SUBDIVISION OF PROPERTY.

LEGEND

PROJECT BOUNDARY	
LOT LINE (EXISTING)	
LOT LINE (PROPOSED)	
EASEMENT (EXISTING)	
EASMENT (PROPOSED)	
YARD (REQUIRED)*	

*NOTE: YARDS FOR THE RC ZONING DISTRICT HAVE BEEN SHOWN, HOWEVER SOME LOTS WILL BE UTILIZING WAIVERS FROM THOSE REQUIREMENTS

ABBREVIATIONS

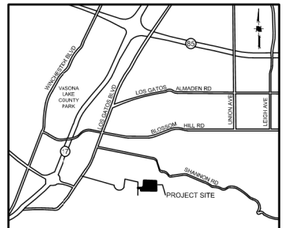
(E)	EXISTING
(P)	PROPOSED
ESMT	EASEMENT
SSE	SANITARY SEWER EASEMENT (PUBLIC)
SDE	STORM DRAIN EASEMENT (PUBLIC)
EAE	EMERGENCY ACCESS EASEMENT
PSDE	PRIVATE STORM DRAIN EASEMENT
PSDRE	PRIVATE STORM DRAIN RELEASE EASEMENT
PIEE	PRIVATE INGRESS/EGRESS EASEMENT
PRUE	PRIVATE UTILITY EASEMENT
PUE	PUBLIC UTILITY EASEMENT
PAE	PEDESTRIAN ACCESS EASEMENT
JTE	JOINT TRENCH EASEMENT

Slope Density

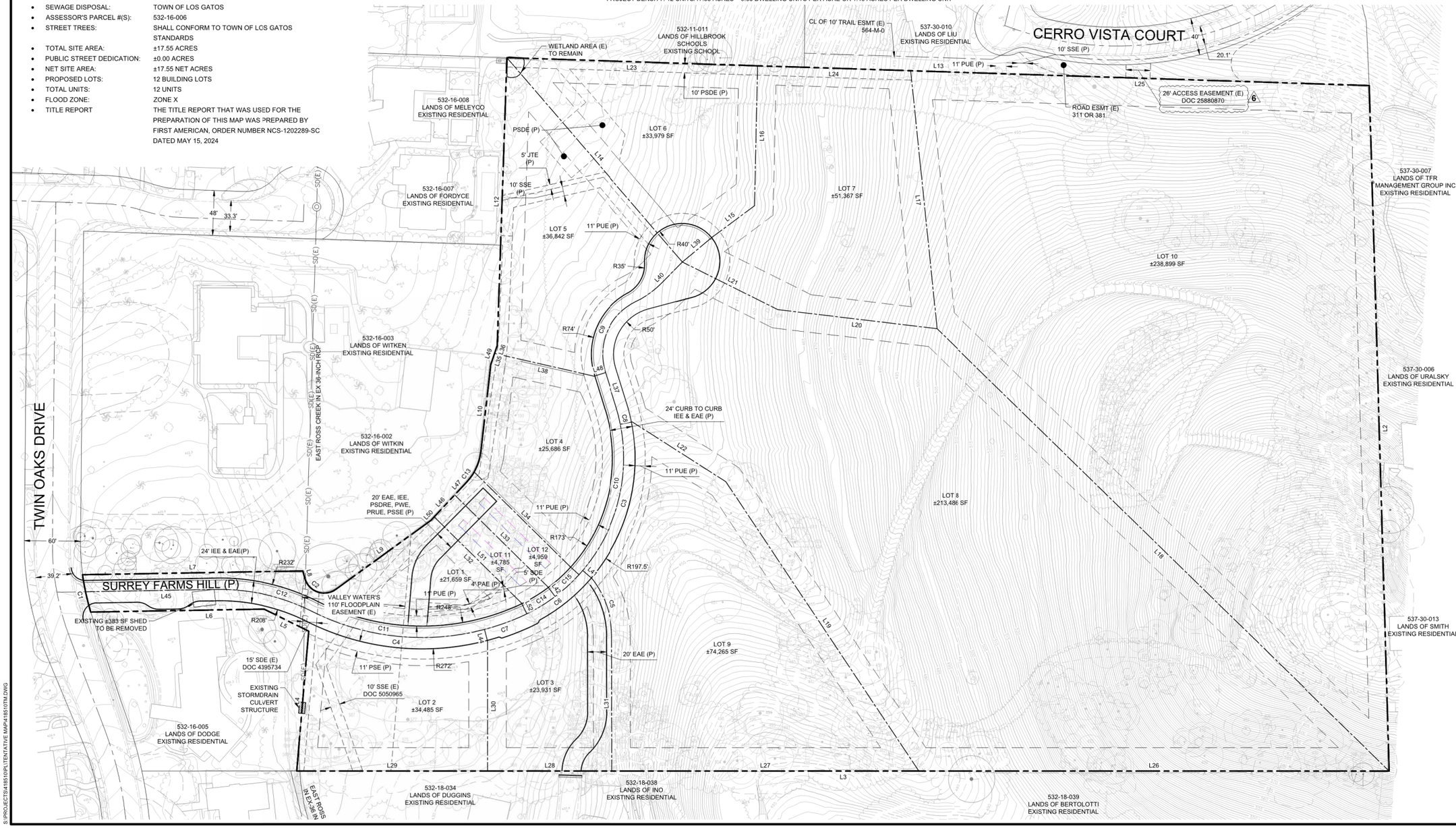
	Existing Contour Length	Interval	Area (SF)	Area (Acres)	Average Slope (Existing)	Subdivision minimum land area:
Overall site	190009.52	1	764365.63	17.55	24.91	1.66

MAXIMUM ALLOWABLE DENSITY PER GENERAL PLAN: 1 DWELLING UNIT/20 ACRES = 1 DWELLING UNIT
MAXIMUM ALLOWABLE DENSITY PER ZONING CODE: 1 PRIMARY DWELLING UNIT PER LOT, 20-ACRE MINIMUM = 1 DWELLING UNIT
MAXIMUM ALLOWABLE DENSITY UNDER THE HILLSIDE SPECIFIC PLAN (APPLYING SUB-AREA 2 STANDARDS): 2.5 ACRES PER DWELLING UNIT = 7 DWELLING UNITS
PROJECT DENSITY: 12 UNITS/17.55 ACRES = 0.68 DWELLING UNITS PER ACRE OR 1.46 ACRES PER DWELLING UNIT

0 25 50 100
1 INCH = 50 FEET



VICINITY MAP
NOT TO SCALE



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SURREY FARM ESTATES
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CAD DWG FILE:	418510TM.DWG
DESIGNED BY:	DM
DRAWN BY:	DM
CHECKED BY:	
DATE:	AUGUST XX, 2025
SCALE:	AS SHOWN
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VESTING TENTATIVE MAP

TM-1

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LINE TABLE		
LINE	LENGTH	BEARING
L2	732.09'	S8°53'22"W
L3	1165.83'	N79°26'52"W
L4	149.91'	N15°25'52"E
L5	52.98'	N53°00'00"W
L6	185.71'	N80°25'52"W
L7	235.64'	S80°25'52"E
L8	7.83'	S3°56'05"E
L9	125.07'	N64°33'25"E
L10	93.26'	N17°04'10"E
L12	307.67'	N12°28'26"E
L13	921.11'	S77°35'36"E
L14	287.58'	S30°07'48"E
L15	56.25'	N63°51'54"E
L16	149.44'	S11°48'10"W
L17	276.84'	N4°42'35"E
L18	675.44'	N35°05'14"W
L19	371.18'	S23°05'47"E
L20	170.88'	N72°35'51"W
L21	113.81'	S52°56'08"E
L22	118.33'	S46°50'36"E
L23	267.79'	S77°35'36"E
L24	163.21'	S77°35'36"E
L25	490.08'	S77°35'36"E
L26	502.40'	N79°26'52"W
L27	327.18'	N79°26'37"W

LINE TABLE		
LINE	LENGTH	BEARING
L28	132.91'	N79°27'30"W
L29	203.33'	N79°26'51"W
L30	138.72'	S10°34'40"W
L31	144.04'	N10°26'53"E
L32	130.59'	S34°48'31"E
L33	139.44'	S34°48'31"E
L34	143.56'	S34°48'31"E
L35	12.91'	N29°11'49"E
L36	8.62'	N29°11'49"E
L37	38.39'	S6°40'58"E
L38	108.65'	N66°32'45"W
L39	40.41'	N60°46'24"E
L40	31.44'	N55°03'27"E
L41	13.00'	N39°01'24"W
L42	13.00'	S26°30'34"E
L43	13.11'	S15°40'52"E
L44	13.00'	N4°16'45"W
L45	139.48'	S80°28'47"E
L46	32.01'	N53°37'12"E
L47	18.93'	N53°29'02"E
L48	13.00'	N83°19'02"E
L49	21.53'	N29°11'49"E
L50	5.12'	N53°34'10"E
L51	130.71'	S34°48'31"E
L52	13.00'	S15°30'58"E

CURVE TABLE			
CURVE	LENGTH	RADIUS	DELTA
C1	40.84'	250.00'	9°21'37"
C2	41.65'	21.40'	111°30'30"
C3	166.92'	185.00'	51°41'44"
C4	188.69'	260.00'	41°34'49"
C5	66.40'	100.00'	38°02'45"
C6	82.92'	184.89'	25°41'48"
C7	41.13'	260.00'	9°03'46"
C8	19.26'	185.00'	5°57'49"
C9	89.51'	62.02'	82°41'08"
C10	192.07'	185.00'	59°29'03"
C11	236.83'	259.81'	52°13'34"
C12	106.67'	220.00'	27°46'51"
C13	13.25'	57.74'	13°08'54"
C14	35.50'	185.00'	10°59'35"
C15	34.51'	184.49'	10°43'09"

LEGEND

- PROJECT BOUNDARY
- LOT LINE (EXISTING)
- LOT LINE (PROPOSED)
- EASEMENT (EXISTING)
- EASMENT (PROPOSED)
- YARD (REQUIRED)*

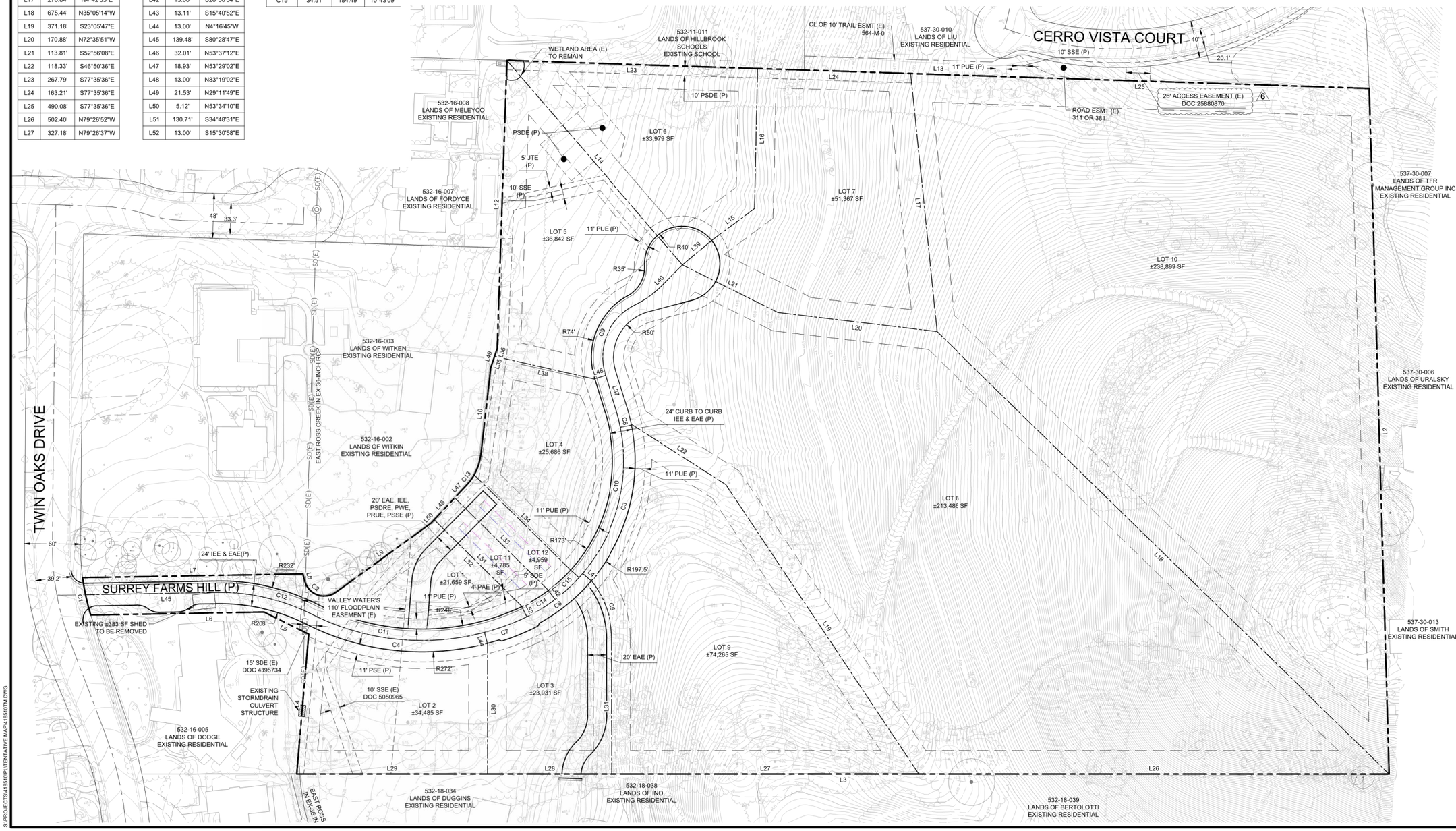
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ABBREVIATIONS

(E)	EXISTING
(P)	PROPOSED
ESMT	EASEMENT
SSE	SANITARY SEWER EASEMENT (PUBLIC)
SDE	STORM DRAIN EASEMENT (PUBLIC)
EAE	EMERGENCY ACCESS EASEMENT
PSDE	PRIVATE STORM DRAIN EASEMENT
PSDRE	PRIVATE STORM DRAIN RELEASE EASEMENT
PIEE	PRIVATE INGRESS/EGRESS EASEMENT
PRUE	PRIVATE UTILITY EASEMENT
PUE	PUBLIC UTILITY EASEMENT
PAE	PEDESTRIAN ACCESS EASEMENT

0 25 50 100

1 INCH = 50 FEET



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VESTING TENTATIVE MAP

TM-2

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PLANNING APPLICATION - ARCHITECTURAL SET - TENTATIVE MAP / MASTERPLAN

OUR TEAM:

Applicant: Larry Dodge
Contact: Jim Foley
223 W. Main St, Los Gatos, CA 95030
408.813.7490

Architect: PLATFORM
Architecture+Planning
Contact: Chris Hall
chris@platformdw.com
1804 5th St
Berkeley, CA 94710
415.658.1723

Civil: HMH Engineers
Contact: Deena Morsilli
1570 Oakland Rd, San Jose, CA 95131
669.221.7817

Landscape: HMH Landscape
Contact: Shawn Taylor
1570 Oakland Rd, San Jose, CA 95131
408.487.2200

PROJECT DESCRIPTION / DATA:

Site Area: 17.55 acres
APN: 532-16-006
General Plan Landuse: AG

Proposed Project:

12 Lot Subdivision consisting of the following:
3 BMR units detached on 3 proposed lots
9 Proposed Market Rate Homes on proposed lots

SHEET INDEX:

G0.0	Title Page / Project Info
G0.1	Existing Site Photos
G0.2	Birdseye Rendering
G0.3	Birdseye Rendering
G0.4	Birdseye Rendering
G0.5	Site Sections / Street Elevations
G0.6	Visibility Analysis
G10-13	Visibility Analysis (VIEWS)

LOCATION PLAN:

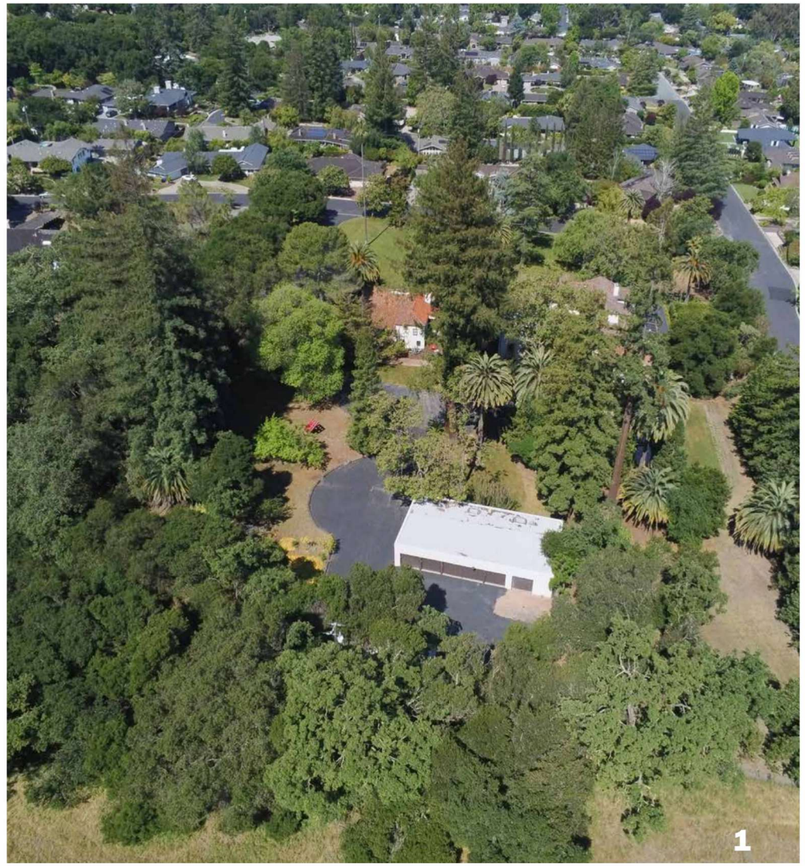




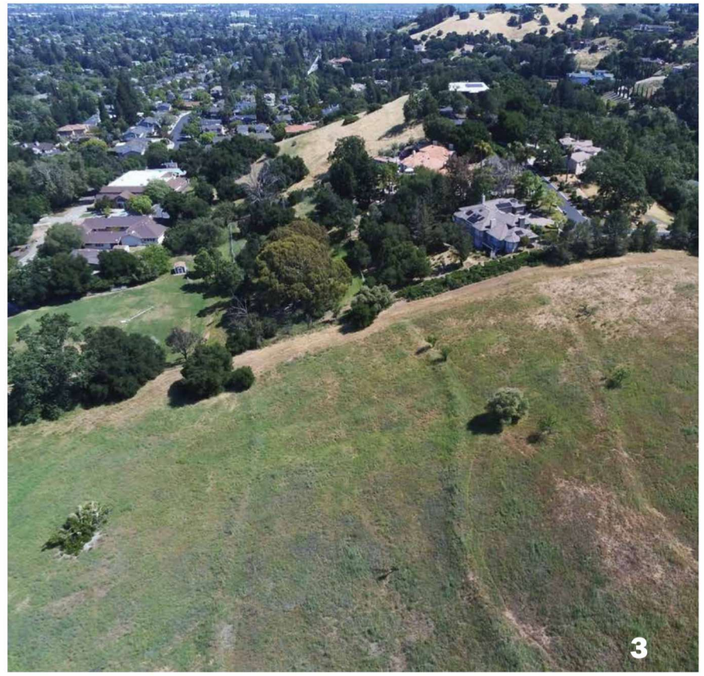
DETAILED ARCHITECTURAL DEVELOPMENT PROGRAM

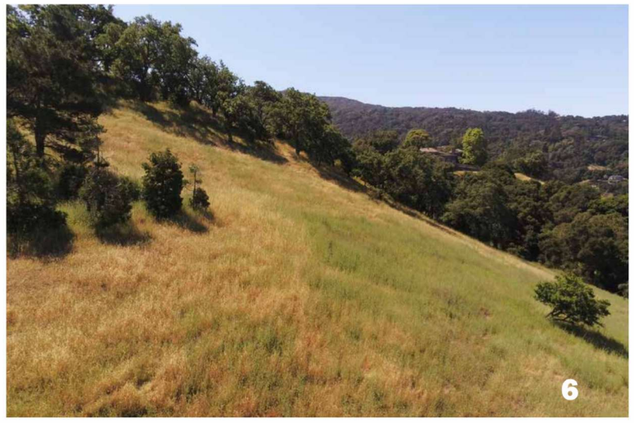
Lot #	Gross Lot Area	Plan Type	Stories	Units	Floor Area (Market Rate)	Floor Area (BMRs)	Attic/ Bsmnt Area^	Bed/ Bath	Garage Area > 400sf	Total Countable Floor Area~	Covered porch/ patio	Garage Area (int)	Garage Pkng	Off St Pkng**
1*	21,659 sf	D1	2	1	-	1,614 sf	-	3/2.5	67 sf	1,681 sf	150 sf	467 sf	2	-
2	34,485 sf	B	2	1	5,794 sf	-	780 sf	5/5.5	253 sf	6,827 sf	546 sf	653 sf	2	2
3	23,931 sf	B	2	1	5,794 sf	-	780 sf	5/5.5	253 sf	6,827 sf	546 sf	653 sf	2	2
4	25,686 sf	A	2	1	5,393 sf	-	200 sf	6/6.5	294 sf	5,887 sf	540 sf	694 sf	3	-
5	36,842 sf	A	2	1	5,393 sf	-	200 sf	6/6.5	294 sf	5,887 sf	540 sf	694 sf	3	-
6	33,979 sf	A(r)	2	1	5,393 sf	-	200 sf	6/6.5	294 sf	5,887 sf	540 sf	694 sf	3	-
7	51,367 sf	C(r)	2	1	6,156 sf	-	-	5/6	375 sf	6,531 sf	768 sf	775 sf	2	2
8	213,486 sf	C	2	1	6,156 sf	-	-	5/6	375 sf	6,531 sf	768 sf	775 sf	2	2
9	74,265 sf	C	2	1	6,156 sf	-	-	5/6	375 sf	6,531 sf	768 sf	775 sf	2	2
10	238,899 sf	C	2	1	6,156 sf	-	-	5/6	375 sf	6,531 sf	768 sf	775 sf	2	-
11*	4,785 sf	D2	2	1	-	1,614 sf	-	3/2.5	67 sf	1,681 sf	74 sf	467 sf	2	-
12*	4,959 sf	D2	2	1	-	1,614 sf	-	3/2.5	67 sf	1,681 sf	74 sf	467 sf	2	-
			Total	**12**	**52,391 sf**	**4,842 sf**	**-**			**62,482 sf**		**7,889 sf**	**27**	**10**

Notes:
*Detached for sale BMR unit on fee simple lot
**off street parking = min 9'x18' space in front of garage on motor court
^ See section drawings for proposed 'Attic' or 'Basement' floor area as defined by sec 29.10.020
~Total Floor Area includes attic as counted by sec LGMC 29.10.020, and any garage area in excess of 400 sf

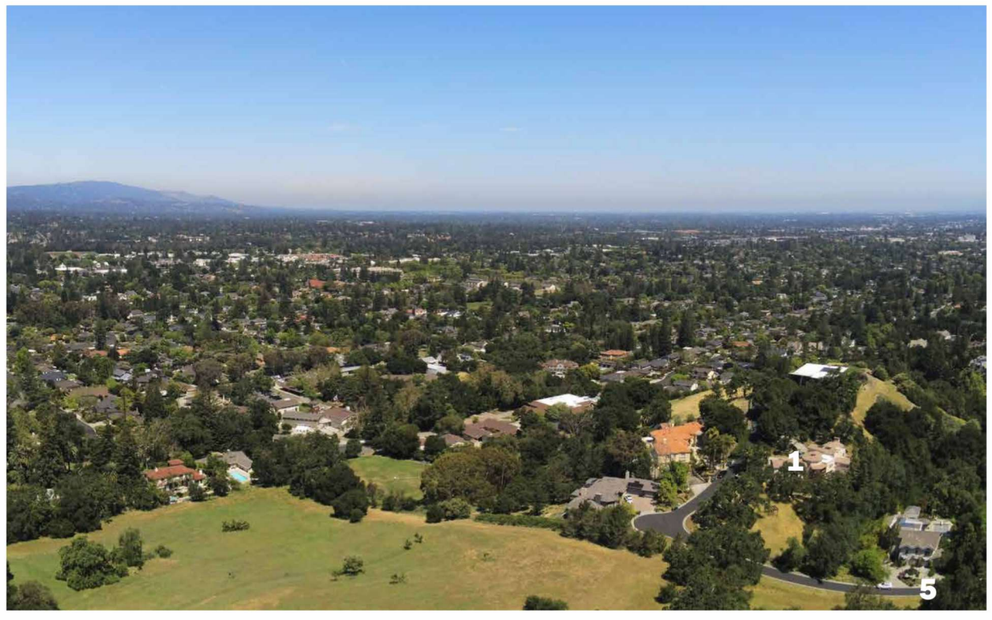














PLATFORM
architecture / planning / research

SURREY FARMS

Los Gatos, CA

Existing Site Photos PG **G0.1**

SB 330 Final Application Re-Submittal - **July 28th, 2025**





PLATFORM
architecture / planning / research

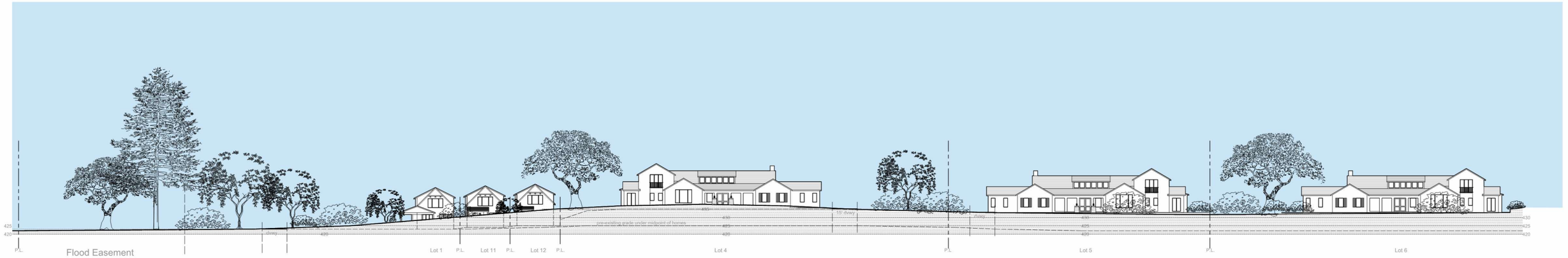
SURREY FARMS

Los Gatos, CA

Birseye Aerial Rendering PG **G0.3**

SB 330 Final Application Re-Submittal - **July 28th, 2025**





Street Elevation A



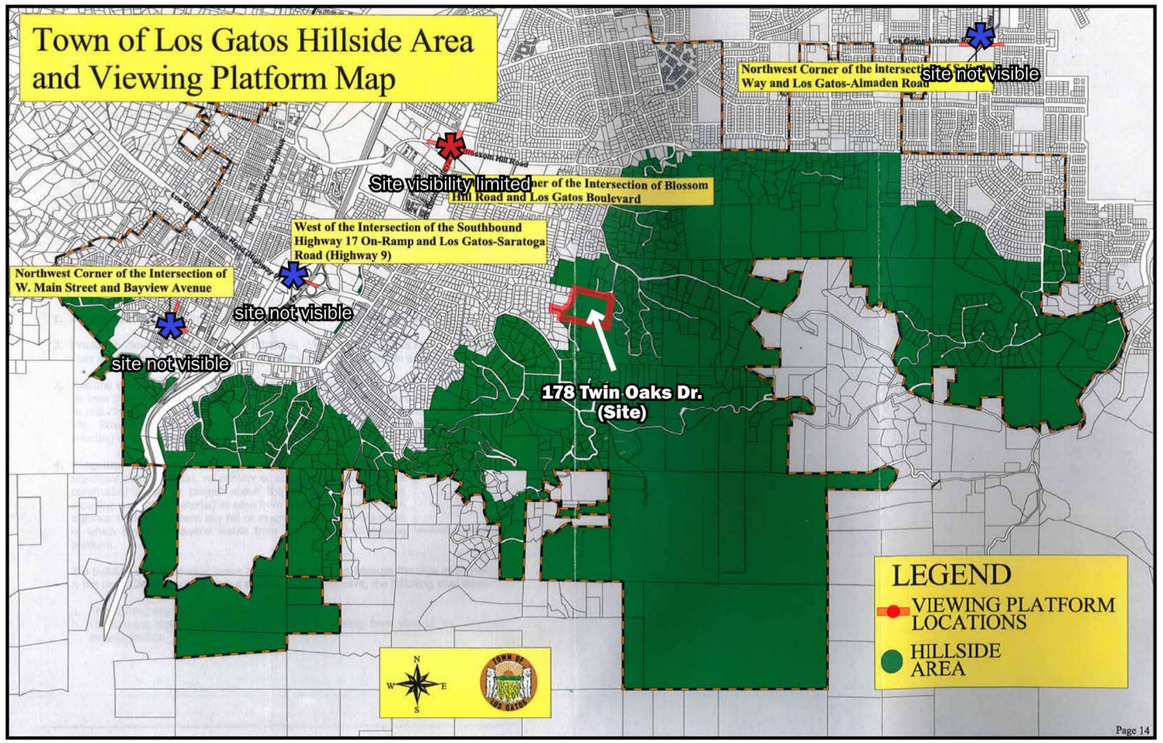
Street Elevation B

Bldg Height Information Table						
Lot #	Plan Type	Natural Grade at High Point	Proposed Grade At High oint	Main Level Bldg FFE	Top of Roof (above FFE)	Bldg Height
1	D	420	422.3	423.3	24.3	27.6
2	B	424	426.9	427.9	28.6	32.5
3	B	425	433.4	434.4	28.6	38
4	A(R)	424	434.2	435.2	26	37.2
5	A	418.5	432.4	433.4	26	40.9
6	A	425.5	432.3	433.3	26	33.8
7	C	455	448.9	449.9	26.8	27.8
8	C	445	438.8	439.8	26.8	27.8
9	C	456	449	450	26.8	27.8
10	C	502	495.6	496.6	26.8	27.8
11	D	420.5	422.9	423.9	24.3	27.7
12	D	421	423	424	24.3	27.3

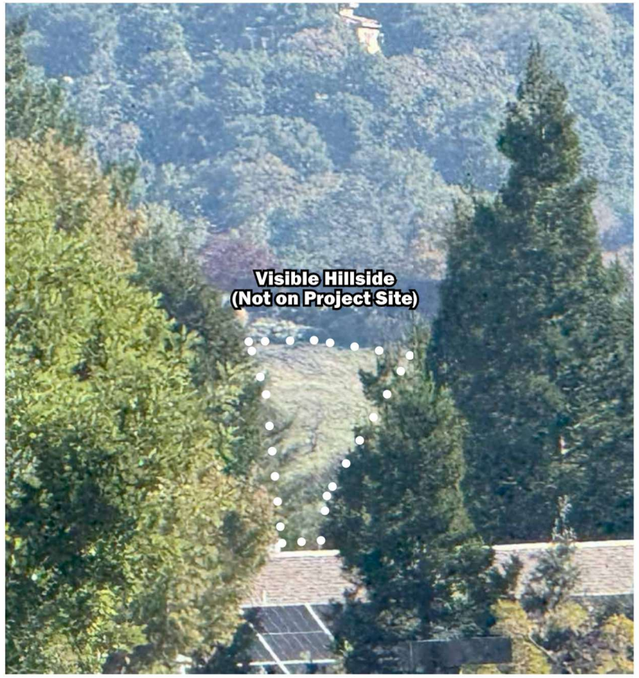


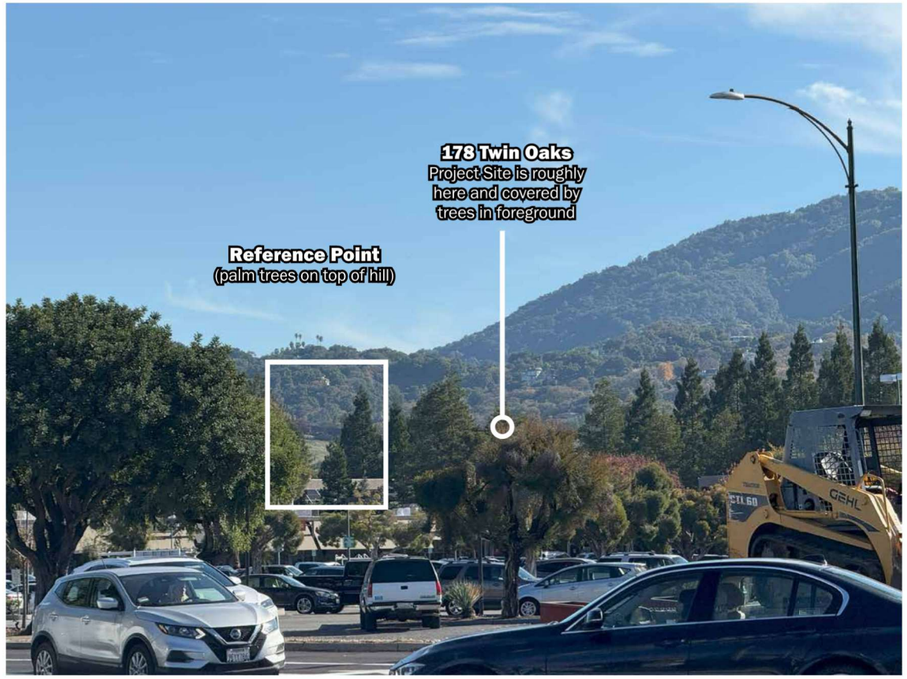
Street Elevation C

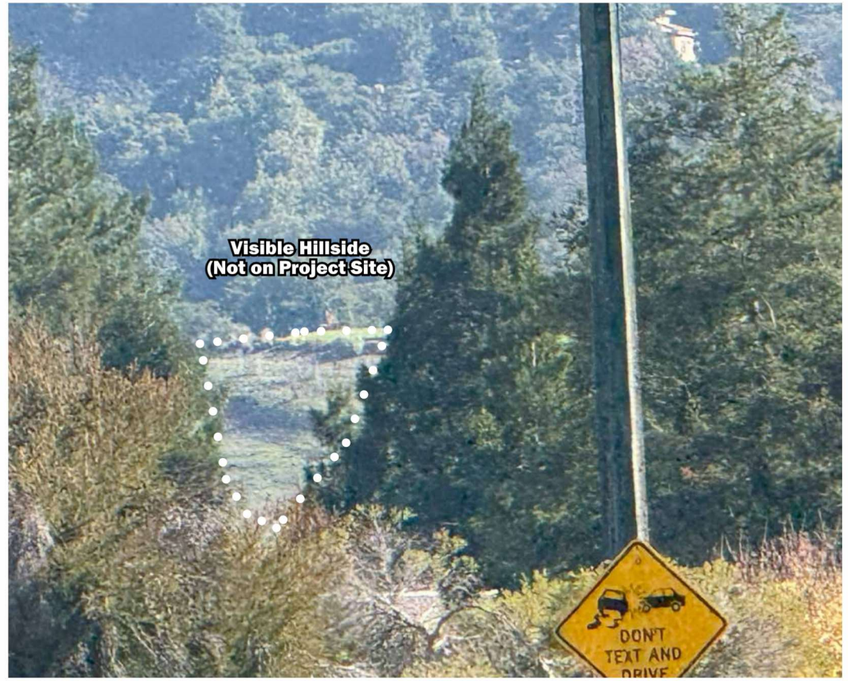


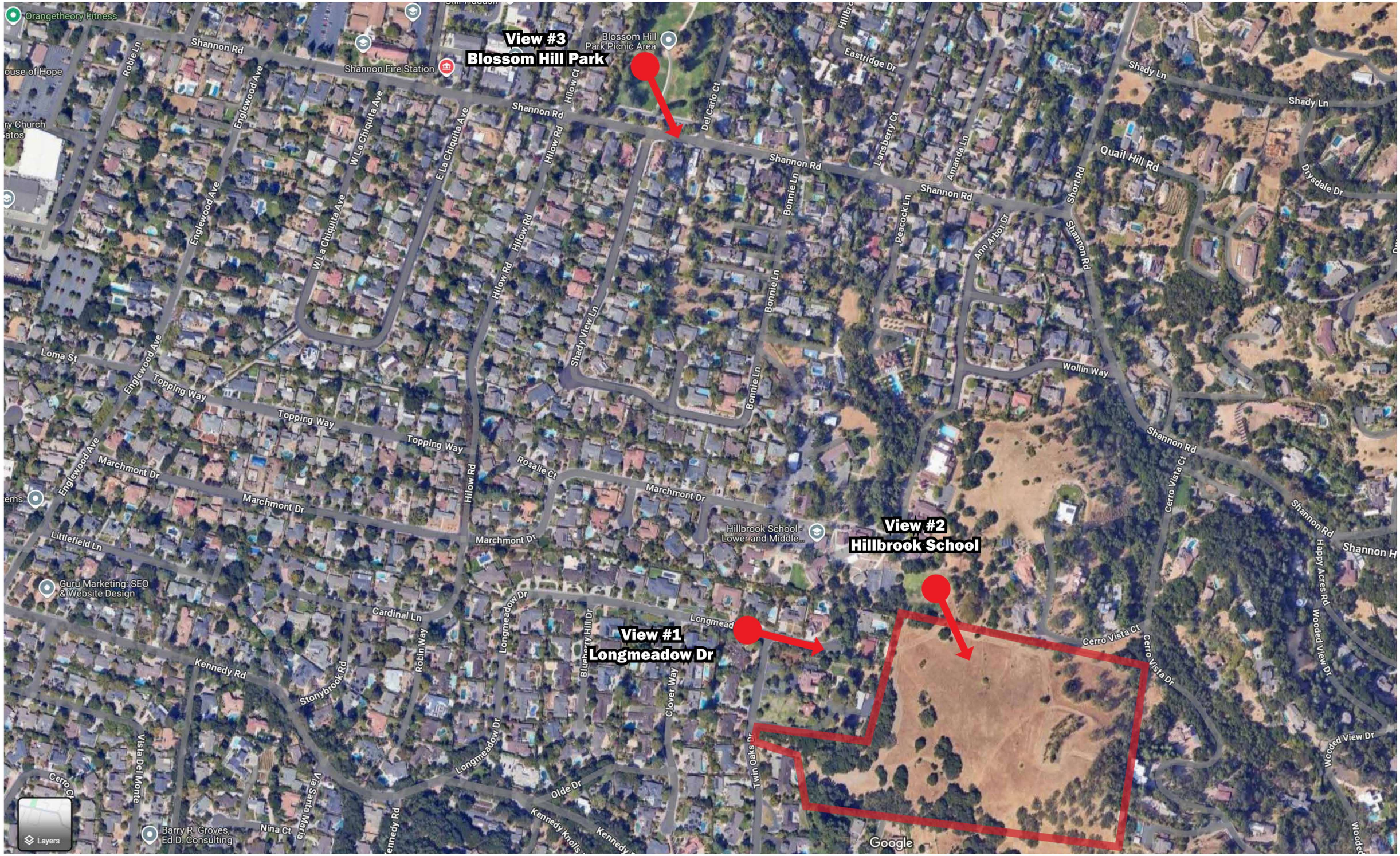

Town of Los Gatos Hillside Area and Viewing Platform Map
Northwest Corner of the Intersection of Blossom Hill Road and Los Gatos Boulevard
Site visibility limited
Northwest Corner of the Intersection of Los Gatos-Almaden Road and Blossom Hill Road
site not visible
West of the Intersection of the Southbound Highway 17 On-Ramp and Los Gatos-Saratoga Road (Highway 9)
site not visible
Northwest Corner of the Intersection of W. Main Street and Bayview Avenue
site not visible
178 Twin Oaks Dr. (Site)
LEGEND
VIEWING PLATFORM LOCATIONS
HILLSIDE AREA
Page 14


Blossom Hill Rd & LG Blvd
Vlew cone of photos below
Visible Hillside (Not on Project Site)
178 Twin Oaks Dr. (Site)
Reference Point (palm trees on top of hill in photos below)
Google


Visible Hillside (Not on Project Site)


178 Twin Oaks
Project Site is roughly here and covered by trees in foreground
Reference Point
(palm trees on top of hill)


Visible Hillside (Not on Project Site)
DON'T TEXT AND DRIVE


View #3
Blossom Hill Park
View #2
Hillbrook School
View #1
Longmeadow Dr
Orangetheory Fitness
Shannon Fire Station
Blossom Hill Park Picnic Area
Shannon Rd
Robie Ln
Englewood Ave
W La Chiquita Ave
E La Chiquita Ave
Hilow Ct
Hilow Rd
Del Carlo Ct
Eastridge Dr
Lansberry Ct
Amanda Ln
Bonnie Ln
Peacock Ln
Ann Arbor Dr
Short Rd
Quail Hill Rd
Shady Ln
Drysdale Dr
Shady View Ln
Loma St
Topping Way
Wollin Way
Marchmont Dr
Rosalie Ct
Littlefield Ln
Hillbrook School - Lower and Middle...
Cerro Vista Ct
Cerro Vista Dr
Happy Acres Rd
Wooded View Dr
Guru Marketing: SEO & Website Design
Cardinal Ln
Longmeadow Dr
Blueberry Hill Dr
Clover Way
Twin Oaks Dr
Kennedy Rd
Stonybrook Rd
Robin Way
Vista Del Monte
Via Santa Maria
Nina Ct
Olde Dr
Barry R. Groves, Ed.D. Consulting
Layers
Google



Existing



Proposed



Existing



Proposed



Existing



Proposed



NOTES:
1. SEE SHEET T-3 THRU T-7 FOR TREE EVALUATION TABLE
2. SEE SHEET T-8 THRU T-11 FOR TREE APPRAISAL TABLE
3. SEE SHEET T-12 FOR TREE NOTES AND TREE PROTECTION FENCING DETAIL

LEGEND

DESCRIPTION	SYMBOL
ON-SITE TREE TO REMAIN / PROTECT	
TREE TO BE REMOVED	
OFF-SITE TREE TO REMAIN / PROTECT	
TREE PROTECTION FENCING AND TPZ (SEE DETAIL ON SHEET T-12)	
PROPOSED TREES. SEE LANDSCAPE PLAN AND LANDSCAPE LEGEND	

ON-SITE TREE MITIGATION TABLE

	CANOPY SIZE	QTY	REPLACEMENT REQUIREMENT	QUANTITY REQUIRED
TOTAL NUMBER OF TREES TO BE REMOVED	< 10'	68	TWO - 24" BOX	136 - 24" BOX
	11' - 25'	101	THREE - 24" BOX	303 - 24" BOX
	26' - 40'	67	FOUR - 24" BOX OR TWO - 36" BOX	134 - 36" BOX
	41' - 55'	9	SIX- 24" BOX OR THREE- 36" BOX	27 - 36" BOX
	> 55'	0	TEN - 24" BOX OR FIVE- 36" BOX	0 - 36" BOX

- IF QUANTITY OF PROPOSED TREES ARE NOT EQUAL TO OR GREATER THAN REQUIRED TREES, THE PROJECT IS SUBJECT TO MITIGATION FEES PER TOWN OF LOS GATOS POLICY.
- SEE ARBORIST REPORT, DATED DECEMBER 15, 2024, REVISED JULY 23, 2025 FOR ADDITIONAL INFORMATION.

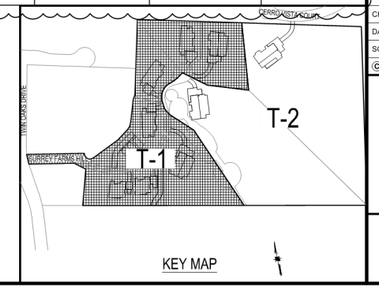
TREE MITIGATION SUMMARY TABLE

	QUANTITY	SIZE
TOTAL TREES REQUIRED TO MEET MITIGATION REQUIREMENTS ON-SITE	439	24" BOX
	161	36" BOX
TOTAL PROPOSED TREES ON-SITE (NOT INCLUDING STREET TREES)	40	24" BOX
	45	36" BOX
REMAINING NUMBER OF TREES NOT BEING MITIGATED FOR	399	24" BOX
	116	36" BOX

NOTES:
1. TREE REMOVAL SHALL BE BY CONTRACTOR.
2. SEE TREE EVALUATION SUMMARY FOR INFORMATION INCLUDING SPECIES AND DIAMETER.
3. CONTRACTOR TO VERIFY ACTUAL CANOPY CLEARANCES WITHIN 100' OF EVERY HOME. UNDER ARBORIST SUPERVISION, PRUNE AND TRIM TREES WITHIN ACCORDANCE ON TREE SPACING DIAGRAM ON SHEET T-12.

TREES PER LOT

LOT #	EXISTING TREES TO REMAIN	REMOVED TREES	PROPOSED TREES
LOT 1	12	46	7
LOT 2	15	14	7
LOT 3	4	37	2
LOT 4	0	46	5
LOT 5	3	6	5
LOT 6	0	8	7
LOT 7	3	7	14
LOT 8	77	6	11
LOT 9	73	32	13
LOT 10	184	19	13
LOT 11	0	9	0
LOT 12	0	14	1
TOTAL	371	244	85



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Land Use Entitlements
Land Planning
Landscape Architecture
Civil Engineering
Utility Design
Land Surveying
Stormwater Compliance
1570 Oakland Road (408) 487-2200
San Jose, CA 95131 HMHca.com

SURREY FARMS ESTATES
TWIN OAKS DRIVE, LOS GATOS
DEVELOPMENT REVIEW PLAN SET

NO	DATE	DESCRIPTION
6	10/17/2025	PER CITY COMMENTS
5	9/15/2025	PER CITY COMMENTS
4	7/25/2025	PER CITY COMMENTS
3	4/18/2025	PER CITY COMMENTS
2	3/31/2025	PER CITY COMMENTS
1	1/8/2025	PER CITY COMMENTS

PROJECT NO:	4185.10
CAD DWG FILE:	418510CL- OVERALL.DWG
DESIGNED BY:	JN
DRAWN BY:	JN
CHECKED BY:	ST
DATE:	JUNE 6, 2025
SCALE:	1"=40'

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OVERALL TREE MITIGATION AND PROTECTION PLAN

T-1

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NOTES:
1. SEE SHEET T-3 THRU T-7 FOR TREE EVALUATION TABLE
2. SEE SHEET T-8 THRU T-11 FOR TREE APPRAISAL TABLE
3. SEE SHEET T-12 FOR TREE PROTECTION DETAIL AND NOTES

LEGEND

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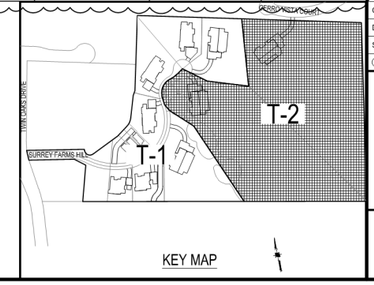
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LOT 6	0	8	7
LOT 7	3	7	14
LOT 8	77	6	11
LOT 9	73	32	13
LOT 10	184	19	13
LOT 11	0	9	0
LOT 12	0	14	1
TOTAL	371	244	85



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SURREY FARMS ESTATES
TWIN OAKS DRIVE, LOS GATOS
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NO	DATE	DESCRIPTION
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1	1/8/2025	PER CITY COMMENTS

PROJECT NO:	4185.10
CAD DWG FILE:	418510CL- OVERALL.DWG
DESIGNED BY:	JN
DRAWN BY:	JN
CHECKED BY:	ST
DATE:	JUNE 6, 2025
SCALE:	1"=40'

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OVERALL TREE MITIGATION AND PROTECTION PLAN

T-2

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Tree-ID	Existing Tree Tag Number	SPP	protected	DBH_IN	CIRC_IN	HEIGHT_FT	SPREAD N/S_FT	SPREAD E/W_FT	Species Rate To Const Impact	NOTE	PROTECTED	LARGE PROTECTED	HEALTH RATING	STRUCTURE RATING	COND OVRL RATING	ROOTB	Tolerance Rate To Const Impact	construction Numerorym	COND OVRL w Const Impact	CRZ_FT_R ADIUS	TPZ_FT_R ADIUS DBH+15	COND OVRL w Const Impact	MOC	Min Offset_IN	Min Depth_IN	RITENTION RATING	HVWIRES	Inv_Date	INSPECT_ DT	Inspect_ TM	Notes	SAVE, REMOVE, OFF-SITE
1		Calocedrus decurrens	EXEMPT	11	34.55751919	28	14	14	M		X		3	4	3.5	No	M	3	3.25	5.5	13.75		0.8	HDD	11	#N/A	MODERATE	nsmission and Prin	40140	41866	11:50:53	topped	REMOVE
2	358	Calocedrus decurrens	X	11	34.55751919	27	14	14	M		X		4	4	4	No	M	3	3.5	5.5	13.75			HDD	11	#N/A	HIGH	None	40140	41866	11:50:53		OFF-SITE
3		Quercus agrifolia		6	18.84955592	20	12	10	G		X		4	4	4	No	G	5	4.5	3	7.5			HDD	6	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped	OFF-SITE
4	378	Quercus agrifolia	X	18	56.54866776	30	24	20	G	Leaning Tree	X		4	3	3.5	No	G	5	4.25	9	22.5			HDD	18	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped	OFF-SITE
5		Not Used		0	0		0	0					0	0	0	No	0	0	0	0	0			HDD	0	#N/A		nsmission and Prin	40136	41866	11:50:53	topped	SAVE
6	377	Quercus agrifolia	X	24	75.39822369	32	36	26	G			X	4	4	4	No	G	5	4.5	12	30			HDD	24	#N/A	HIGH	nsmission and Prin	40136	41866	11:50:53	topped	OFF-SITE
7		Quercus lobata		8	25.13274123	30	24	24	M	Leaning Tree	X		4	3	3.5	No	M	3	3.25	4	10			HDD	8	#N/A	MODERATE	nsmission and Prin	40136	41866	11:50:53	topped; cavity/decay	OFF-SITE
8	359	Calocedrus decurrens	X	6	18.84955592	18	10	10	M	Severe Decline	X		2	3	2.5	No	M	3	2.75	3	7.5			HDD	6	#N/A	MODERATE	nsmission and Prin	40140	41866	11:50:53	topped	REMOVE
9		Quercus agrifolia		5	18.84955592	25	10	12	G		X		4	3	3.5	No	G	5	4.25	3	7.5			HDD	5	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped	OFF-SITE
10	376	Quercus agrifolia	X	13	40.8407045	20	21	27	G		X		4	4	4	No	G	5	4.5	6.5	16.25			HDD	13	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped; multi-stemmed	OFF-SITE
11	360	Calocedrus decurrens		6	18.84955592	12	12	9	M	Poor Pruning Technique	X		4	2	3	No	M	3	3	3	7.5			HDD	6	#N/A	MODERATE	nsmission and Prin	40140	41866	11:50:53	topped; multi-stemmed	REMOVE
12		Calocedrus decurrens		8	25.13274123	9	9	3	M	Previously Headed	X		3	2	2.5	No	M	3	2.75	4	10			HDD	8	#N/A	MODERATE	nsmission and Prin	40140	41866	11:50:53	topped; multi-stemmed	REMOVE
13		Calocedrus decurrens		9	28.27433388	8	4	6	M	Previously Headed	X		3	2	2.5	No	M	3	2.75	4.5	11.25			HDD	9	#N/A	MODERATE	nsmission and Prin	40140	41866	11:50:53		REMOVE
14		Quercus agrifolia		8	25.13274123	22	18	24	G		X		4	4	4	No	G	5	4.5	4	10			HDD	8	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	branch decay; borers	OFF-SITE
15		Quercus agrifolia		5	15.70796327	20	6	20	G	Crowded Growing Conditions	X		4	4	4	No	G	5	4.5	2.5	6.25			HDD	5	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped	OFF-SITE
16		Quercus agrifolia		5	15.70796327	20	6	15	G	Crowded Growing Conditions	X		4	4	4	No	G	5	4.5	2.5	6.25			HDD	5	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped	OFF-SITE
17		Quercus agrifolia		5	15.70796327	20	14	21	G	Crowded Growing Conditions	X		4	4	4	No	G	5	4.5	2.5	6.25			HDD	5	#N/A	HIGH	nsmission and Prin	40141	41866	11:50:53		OFF-SITE
18		Quercus agrifolia		5	15.70796327	20	14	21	G	Crowded Growing Conditions	X		4	4	4	No	G	5	4.5	2.5	6.25			HDD	5	#N/A	HIGH	None	40141	41866	11:50:53		OFF-SITE
19	574	Calocedrus decurrens	X	13	40.8407045	28	12	12	M		X		3	4	3.5	No	M	3	3.25	6.5	16.25			HDD	13	#N/A	MODERATE	nsmission and Prin	40141	41866	11:50:53		REMOVE
20		Calocedrus decurrens		8	25.13274123	21	12	12	M		X		3	3	3	No	M	3	3	4	10			HDD	8	#N/A	MODERATE	nsmission and Prin	40141	41866	11:50:53	trunk decay	REMOVE
21	365	Calocedrus decurrens	X	11	34.55751919	25	12	12	M		X		3	4	3.5	No	M	3	3.25	5.5	13.75			HDD	11	#N/A	MODERATE	nsmission and Prin	40141	41794	16:38:39	Mex. fan; volunteers nearby	REMOVE
22	366	Calocedrus decurrens	X	12	37.69911184	28	12	12	M		X		3	4	3.5	No	M	3	3.25	6	15			HDD	12	#N/A	MODERATE	nsmission and Prin	40141	41794	16:38:39		REMOVE
23	379	Quercus agrifolia	X	21	65.97344573	38	40	32	G		X		4	4	4	No	G	5	4.5	10.5	26.25			HDD	21	#N/A	HIGH	nsmission and Prin	40141	41794	16:38:39		OFF-SITE
24		Quercus agrifolia		6	18.84955592	30	14	12	G	Crowded Growing Conditions	X		4	4	4	No	G	5	4.5	3	7.5			HDD	6	#N/A	HIGH	nsmission and Prin	40136	41866	11:50:53		OFF-SITE
25		Quercus agrifolia	X	14	43.98229715	32	40	32			X		4	4	4	No	G	5	4.5	7	17.5			HDD	14	#N/A	HIGH	Primary	40136	41866	11:50:53		OFF-SITE
26		Calocedrus decurrens		9	28.27433388	26	18	14		Leaning Tree	X		4	3	3.5	No	G	5	4.25	4.5	11.25			HDD	9	#N/A	HIGH	None	40136	41866	11:50:53		REMOVE
27		Calocedrus decurrens		8	25.13274123	19	12	12			X		3	4	3.5	No	M	3	3.25	4	10			HDD	8	#N/A	MODERATE	None	40136	41866	11:50:53		REMOVE
28	369	Calocedrus decurrens		9	28.27433388	23	14	14			X		4	4	4	No	M	3	3.5	4.5	11.25			HDD	9	#N/A	HIGH	None	40136	41866	11:50:53		REMOVE
29		Calocedrus decurrens	X	11	34.55751919	17	10	12		Previously Headed	X		3	2	2.5	Yes	M	3	2.75	5.5	13.75			HDD	11	#N/A	MODERATE	None	40136	41794	16:38:39		REMOVE
30		Quercus agrifolia		7	21.99114858	26	18	22			X		4	4	4	No	G	5	4.5	3.5	8.75			HDD	7	#N/A	HIGH	Primary	40136	41866	11:50:53		OFF-SITE
31		Quercus lobata		6	18.84955592	30	10	14		Crowded Growing Conditions	X		3	3	3	No	M	3	3	3	7.5			HDD	6	#N/A	MODERATE	None	40136	41866	11:50:53		OFF-SITE
32	381	Quercus agrifolia	X	18	56.54866776	30	40	35			X		4	4	4	No	G	5	4.5	9	22.5			HDD	18	#N/A	HIGH	None	40136	41866	11:50:53	unknown	OFF-SITE
33		Quercus lobata		8	25.13274123	20	18	15			X		3	3	3	No	M	3	3	4	10			HDD	8	#N/A	MODERATE	Primary	40136	41866	11:50:53		OFF-SITE
34		Quercus agrifolia		4	12.56637061	20	10	8		Crowded Growing Conditions	X		3	3	3	No	G	5	4	2	5			HDD	4	#N/A	HIGH	Primary	40136	41866	11:50:53		OFF-SITE
35	363	Pinus halepensis	X	22	69.11503838	37	36	36			X		4	4	4	No	M-G	4	4	11	27.5			HDD	22	#N/A	HIGH	None	40136	41866	11:50:53	topped; root decay	REMOVE
36	537	Cupressus macrocarpa		7	21.99114858	25	12	15			X		4	4	4	No	P	1	2.5	3.5	8.75			HDD	7	#N/A	LOW	None	40136	41866	11:50:53	topped; root decay; roots cut	REMOVE
37		Ligustrum japonicum		4	12.56637061	15	12	12			X		3	3	3	No	G	5	4	2	5			HDD	4	#N/A	HIGH	None	40136	41866	11:50:53		REMOVE
38	604	Quercus lobata		6	18.84955592	27	14	14			X		3	3	3	No	M	3	3	3	7.5			HDD	6	#N/A	MODERATE	None	40136	41866	11:50:53	basal decay	REMOVE
39		Quercus lobata	X	19	59.69026042	41	54	54			X		4	4	4	No	M	3	3.5	9.5	23.75			HDD	19	#N/A	HIGH	None	40136	41866	11:50:53		REMOVE
40	5	Calocedrus decurrens		7	21.99114858	18	8	12			X		2	4	3	No	M	3	3	3.5	8.75			HDD	7	#N/A	MODERATE	None	40136	41866	11:50:53		REMOVE
41	6	Quercus agrifolia	X	17	53.40707511	36	40	40			X		4	4	4	No	G	5	4.5	8.5	21.25			HDD	17	#N/A	HIGH	None	40136	41866	11:50:53		SAVE
42	7	Calocedrus decurrens		4	12.56637061	15	10	5		Severe Decline	X		1	3	2	No	M	3	2.5	2	5			HDD	4	#N/A	LOW	None	40136	41794	16:38:39	crown dieback	SAVE
43	8	Quercus agrifolia	X	14	43.98229715	33	44	40			X		3	3	3	No	G	5	4	7	17.5			HDD	14	#N/A	HIGH	None	40136	41866	11:50:53		REMOVE
44	9	Quercus agrifolia		6	18.84955592	45	6	12		Crowded Growing Conditions	X		2	2	2	No	G	5	3.5	3	7.5			HDD	6	#N/A	HIGH	0	40375	41878	22:36:53		REMOVE
45	10	Quercus agrifolia		8	25.13274123	40	15	20		Leaning Tree	X		3	3	3	Yes	G	5	4	4	10			HDD	8	#N/A	HIGH	0	40375	41878	22:36:52		REMOVE
46	11	Quercus agrifolia		7	21.99114858	30	10	14		Crowded Growing Conditions	X		2	3	2.5	No	G	5	3.75	3.5	8.75			HDD	7	#N/A	HIGH	0	40375	41878	22:36:48		SAVE
47		Quercus agrifolia		4	12.56637061	12	5	10		Leaning Tree	X		3	2	2.5	No	G	5	3.75	2	5			HDD	4	#N/A	HIGH	0	40375	41878	22:36:48		REMOVE
48	12	Quercus agrifolia	X	21	65.97344573	51	36	42			X		2	3	2.5	No	G	5	3.75	10.5	26.25			HDD	21	#N/A	HIGH	0	40375	41878	22:36:42		REMOVE
49		Quercus agrifolia		4	12.56637061	30	10	14		Crowded Growing Conditions	X		3	3	3	No	G	5	4	2	5			HDD	4	#N/A	HIGH	0	40375	41878	22:36:42		SAVE
50	14	Pinus halepensis		6	18.84955592	30	8	6			X		3	2	2.5	No	M-G	4	3.25	3	7.5			HDD	6	#N/A	MODERATE	0	40375	41878	22:36:39		OFF-SITE
51		Calocedrus decurrens		5	15.70796327	20	8	8			X		4	4	4	No	M	3	3.5	2.5	6.25			HDD	5	#N/A	HIGH	0	40375	41878	22:36:39		OFF-SITE
52		Juglans regia		8	25.13274123	25	5	18		Decay	X		1	2	1.5	No	G	5	3.25	4	10			HDD	8	#N/A	MODERATE	0	40375	41878	22:26:11	Parking Lot	SAVE
53	13	Juglans hindsii	X	20	62.83185307	21	27	35		Severe Decline	X		2	2	2	No	G	5	3.5	10	25			HDD	20	#N/A	HIGH	0	40375	41878	22:25:39		REMOVE
54	16	Pinus halepensis	X	17	53.40707511	45	24	20		Stem Damage	X		3	2	2.5	No	M-G	4	3.25	8.5	21.25			HDD	17	#N/A	MODERATE	0	40375	41878	22:25:39		SAVE
55		Calocedrus decurrens		3	9.42477961	18	4	6				EXEMPT	4	4	4	No	M	3	3.5	1.5	3.75			HDD	3	#N/A	HIGH	0	40375	41878	22:36:25		REMOVE
56		Quercus lobata	X	22	69.11503838	47	33	45			X		3	4	3.5	No	M	3	3.25	11	27.5			HDD	22	#N/A	MODERATE	0	40375	41878	22:36:22		REMOVE
57	18	Quercus agrifolia	X	24	75.39822369	46	33	45				X	4	4	4	No	G	5	4.5	12	30			HDD	24	#N/A	HIGH	0	27945	41878	20:14:45		SAVE
58	19	Quercus agrifolia		8	25.13274123	21	6	9		Dead	X		1	1	1	No	G	5	3	4	10			HDD	8	#N/A	MODERATE	0	40375	41878	22:28:30		REMOVE
59		Quercus agrifolia		6	18.84955592	25	14	18		Crowded Growing Conditions	X		2	3	2.5	No	G	5	3.75	3	7.5			HDD	6	#N/A	HIGH	0	27945	41878	20:14:45		SAVE
60	20	Quercus agrifolia	X	26	81.68140899	38	43	35				X	4	3	3.5	No	G	5	4.25	13	32.5			HDD	26	#N/A	HIGH	0	27945	41878	20:14:44		SAVE
61	22	Aesculus californica		7	21.99114858	27	15	10		Dead	X		1	1	1	No	G	5	3	3.5	8.75			HDD	7	#N/A	MODERATE	0	40375	41878	22:28:23		OFF-SITE
62	23	Quercus agrifolia	X	13	40.8407045	32	20	23			X		5	5	5	No	G	5	5	6.5	16.25			HDD	13	#N/A	HIGH	0	40375	41878	22:28:24		OFF-SITE
63	21	Quercus agrifolia	X	23	72.25663103	37	25	28			X		4	3	3.5	No	G	5	4.25	11.5	28.75			HDD	23	#N/A	HIGH	0	40375	41878	22:35:56		OFF-SITE
64		Quercus lobata	X	20	62.83185307	44	26	22		Severe Decline	X		1	2	1.5	No	M	3	2.25	10	25			HDD	20	#N/A	LOW	0	40375	41878	22:35:47		SAVE
65		Quercus agrifolia	X	30	94.24777961	37	35	45				X	5	4	4.5	No	G	5	4.75	15	37.5			HDD	30	#N/A	HIGH	0	40375	41878	22:35:47		REMOVE
66	25	Quercus agrifolia	X	15	47.1238898	24	23	18		Poor Tree Structure	X		1	3	2	No	G	5	3.5	7.5	18.75			HDD	15	#N/A	HIGH	0	40375	41878	22:35:34		REMOVE
67		Quercus agrifolia	X	16	50.26548246	32	25	20		Severe Decline	X		2	2	2	No	G	5	3.5	8	20			HDD	16	#N/A	HIGH	0	40375	41878	22:35:33		REMOVE
68		Quercus agrifolia	X	15	47.1238898	47	28	20			X		4	4	4	No	G	5	4.5	7.5	18.75			HDD	15	#N/A	HIGH	0	40375	41878	22:35:33		REMOVE
69	27	Quercus agrifolia	X	12	37.69911184	35	25	27		Leaning Tree	X		3	2	2.5	No	G	5	3.75	6	15			HDD	12	#N/A	HIGH	0	40375	41878	22:35:23		REMOVE
70	29	Quercus agrifolia	X	16	50.26548246	48	28	25			X		4	4	4	No	G	5	4.5	8	20			HDD	16	#N/A	HIGH	0	40375	41878	22:35:04		REMOVE
71	90	Quercus agrifolia	X	17	53.40707511	25	18	22			X		4	4	4	No	G	5	4.5	8.5	21.25			HDD	17	#N/A	HIGH	0	40375	41878	22:34:59		REMOVE
72		Quercus agrifolia	X	16	50.26548246	48	25	23		Leaning Tree	X		4	3	3.5	No	G	5	4.25	8	20			HDD	16	#N/A	HIGH	0	40375	41878	22:34:59		REMOVE
73		Quercus lobata	X	19	59.69026042	46	27	45		Leaning Tree	X		4	3	3.5	No	M	3	3.25	9.5	23.75			HDD	19	#N/A	MODERATE	0	40375	41878	22:34:49		REMOVE
74	36	Quercus lobata	X	19	59.69026042	46	22	34		Leaning Tree	X		4	3	3.5	No	M	3	3.25	9.5	23.75			HDD	19	#N/A	MODERATE	0	40375	41878	22:34:50		REMOVE
75		Quercus lobata		9	28.27433388	35	23	26		Dead Wood	X		4	3	3.5	No	M	3	3.25	4.5	11.25			HDD	9	#N/A	MODERATE	0	40375	41878	22:34:44		SAVE
76	31	Quercus agrifolia	X	10	31.41592654	33	15	12			X		3	4	3.5	No	M	3	3.25	4.5	11.25			HDD	10	#N/A	HIGH	0	40375	41878	22:34:44		REMOVE
77		Olea europaea		3	9.42477961	26	22	20		Severe Decline		EXEMPT	2	2	2	No	M	3	2.5	1.5	3.75			HDD	3	#N/A	LOW	0	40375	41878	22:28:24		OFF-SITE
78	32	Olea europaea		8	25.13274123	31	20	18				X	4	3	3.5	No	M	3	3.25	4	10			HDD	8	#N/A	MODERATE	0	40375	41878	22:28:24		OFF-SITE
79		Quercus lobata	X	15	47.1238898	37	20	22		Severe Decline	X		1	2	1.5	No	M	3	2.25	7.5	18.75			HDD	15	#N/A	LOW	0	40375	41878	22:28:25		OFF-SITE
80	0	Quercus agrifolia	X	19	59.69026042	48	35	43			X		4	3	3.5	No	G	5	4.25	9.5	23.75			HDD	19	#N/A	HIGH	0	40375	41878	22:34:08		REMOVE
81		Quercus lobata	X	25	78.53981634	48	33	25		Dead Limbs		X	3	2	2.5	No	M	3	2.75	12.5	31.25			HDD	25	#N/A	MODERATE	1	40459	41878	22:34:09		REMOVE
82		Quercus lobata	X	10	31.41592654	37	12	18			X		3	3	3	No	M	3	3	5	12.5			HDD	10	#N/A	MODERATE	0	40375	41878	22:34:03		REMOVE
83		Quercus lobata		5	15.70796327	23	12	10		Dead Wood	X		2	3	2.5	No	M	3	2.75	2.5	6.25			HDD	5	#N/A	MODERATE	0	40375	41878	22:33:43		SAVE
84		Quercus lobata	X	13	40.8407045	33	20	22		Dead Wood	X		3	2	2.5	No	M	3	2.75	6.5	16.25			HDD	13	#N/A	MODERATE	0	40375	41878	22:33:43		REMOVE
85	40	Quercus lobata	X	16	50.26548246	33	26	18			X		4	3	3.5	No	M	3	3.25	8	20			HDD	16	#N/A	MODERATE	0	40375	41878	22:33:34		REMOVE
86	44	Quercus agrifolia		8	25.13274123	22	13	20		Dead Wood	X		4	4	4	No	G	5	4.5	4	10			HDD	8	#N/A	HIGH	0	40375	41878	22:33:34		REMOVE
87		Quercus agrifolia		5	15.70796327	22	20	13		Dead Wood	X		3	3	3	No	G	5	4	2.5	6.25			HDD	5	#N/A	HIGH	0	40375	41878	22:33:34		REMOVE
88	45	Quercus agrifolia		7	21.99114858	23	21	16		Dead Wood	X		3	3	3	No	G	5	4	3.5	8.75			HDD	7	#N/A	HIGH	0	40375	41878	22:33:34		REMOVE
89	62	Quercus agrifolia	X	18	56.54866776	24	28	20		Poor Pruning Technique	X		3	2	2.5	No	G	5	3.75	9	22.5			HDD	18	#N/A	HIGH	0	40375	41878	22:33:34		REMOVE
90	63	Quercus agrifolia	X	19	59.69026042	28	26	18		Dead Wood	X		4	3	3.5	No	G	5	4.25	9.5	23.75			HDD	19	#N/A	HIGH	0	40375	41878	22:33:34		REMOVE
91	64	Quercus agrifolia	X	14	43.98229715	28	23	16		Dead Wood	X		5	4	4.5	No	G	5	4.75	7	17.5			HDD	14	#N/A	HIGH	0	40375	41878	22:33:34		REMOVE
92	65	Quercus agrifolia	X	12	37.69911184	26	27	26		Dead Wood	X		5	4	4.5	No	G	5	4.75	6	15			HDD	12	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped	REMOVE
93	579	Quercus agrifolia		9	28.27433388	28	18	23			X		4	4	4	No	G	5	4.5	4.5	11.25			HDD	9	#N/A	HIGH	None	40140	41866	11:50:53		REMOVE
94	46	Quercus lobata	X	18	56.54866776	42	35	33			X		4	4	4	No	M	3	3.5	9	22.5			HDD	18	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped	REMOVE
95	607	Quercus agrifolia		3	9.42477961	18	4	5				EXEMPT	3	3	3	No	G	5	4	1.5	3.75			HDD	3	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped	REMOVE
96	47	Quercus agrifolia	X	14	43.98229715	23	18	12			X		3	3	3	No	G	5	4	7	17.5			HDD	14	#N/A	HIGH	nsmission and Prin	40136	41866	11:50:53	topped	REMOVE
97		Quercus agrifolia		7	21.99114858	23	12	10			X		4	3	3.5	No	G	5	4.25	3.5	8.75			HDD	7	#N/A	HIGH	nsmission and Prin	40136	41866	11:50:53	topped	REMOVE
98	580	Quercus agrifolia		9	28.27433388	20	12	15			X		3	3	3	No	G	5	4	4.5	11.25			HDD	9	#N/A	HIGH	nsmission and Prin	40136	41866	11:50:53	topped; cavity/decay	REMOVE
99	608	Quercus agrifolia		5	15.70796327	20	8	10		Co-Dominant Lead	X		3	3	3	No	G	5	4	2.5	6.25			HDD	5	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped	REMOVE
100	606	Quercus agrifolia		5	15.70796327	24	7	9			X		4	4	4	No	G	5	4.5	2.5	6.25			HDD	5	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped	REMOVE
101	3	Quercus lobata	X	19	59.69026042	42	27	25		Dead Wood	X		4	4	4	No	M	3	3.5	9.5	23.75			HDD	19	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped; multi-stemmed	REMOVE
102	4	Quercus agrifolia	X	13	40.8407045	28	27	18			X		5	4	4.5	No	G	5	4.75	6.5	16.25			HDD	13	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped; multi-stemmed	REMOVE
103	49	Quercus lobata	X	26	81.68140899	34	22	38				X	4	4	4	No	M	3	3.5	13	32.5			HDD	26	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped; multi-stemmed	REMOVE
104	76	Quercus agrifolia	X	10	31.41592654	32	16	24			X		4	3	3.5	No	G	5	4.25	5	12.5			HDD	10	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53		REMOVE
105		Quercus agrifolia		6	18.84955592	20	12	10			X		5	4	4.5	No	G	5	4.75	3	7.5			HDD	6	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	branch decay; borers	REMOVE
106	75	Quercus agrifolia	X	23	72.25663103	44	35	33			X		5	4	4.5	No	G	5	4.75	11.5	28.75			HDD	23	#N/A	HIGH	nsmission and Prin	40140	41866	11:50:53	topped	REMOVE
107	68	Quercus lobata	X	10	31.41592654	36	25	23		Dead Wood	X		3	4	3.5	No	M	3	3.25	5	12.5			HDD	10	#N/A	MODERATE	nsmission and Prin	40140	41866	11:50:53	topped	REMOVE
108		Quercus agrifolia	X	13	40.8407045	48	28	26		Poor Tree Structure	X		3	3	3	No	G	5	4	6.5	16.25			HDD	13	#N/A	HIGH	nsmission and Prin	40141	41866	11:50:53		REMOVE
109		Quercus lobata	X	10	31.41592654	40	28	25		Severe Decline	X		3	2	2.5	No	M	3	2.75	5	12.5			HDD	10	#N/A	MODERATE	None	40141	41866	11:50:53		REMOVE
110		Quercus agrifolia		4	12.56637061	20	17	10			X		5	3	4	No	G	5	4.5	2	5			HDD	4	#

Tree-ID	Existing Tree Tag Number	SPP	protected	DBH_IN	CIRC_IN	HEIGHT_FT	SPREAD N/S_FT	SPREAD E/W_FT	Species Rate To Const Impact	NOTE	PROTECTED	LARGE PROTECTED	HEALTH RATING	STRUCTURE RATING	COND OVRL RATING	ROOTB	Tolerance Rate To Const Impact	construction Numeronym	COND OVRL w Const Impact	CRZ_FT_R ADIUS	TPZ_FT_R ADIUS DBH x15	COND OVRL w Const Impact	MOC	Min Offset_IN	Min Depth_IN	RETENTION YATING	HVWIRES	Inv_Date	INSPECT_ DT	Inspect_ TM	Notes	SAVE, REMOVE, OFF-SITE
151	121	Quercus lobata	X	21	65.97344573	54	33	31			X		4	4	4	No	M	3	3.5	10.5	26.25		HDD	21	#N/A	HIGH	0	27945	41878	20:14:44		REMOVE
152	122	Quercus agrifolia	X	15	47.1238898	40	5	4			X		3	3	3	No	G	5	4	7.5	18.75		HDD	15	#N/A	HIGH	0	40375	41878	22:28:23		REMOVE
153	586	Quercus agrifolia		5	15.70796327	15	5	4			X		4	3	3.5	No	M	3	3.25	2.5	6.25		HDD	5	#N/A	MODERATE	0	40375	41878	22:28:24		REMOVE
154		Quercus agrifolia	X	12	37.69911184	16	12	13		Future Root Problems	X		4	2	3	No	G	5	4	6	15		HDD	12	#N/A	HIGH	0	40375	41878	22:35:56		REMOVE
155	126	Quercus agrifolia	X	18	56.54866776	16	23	13		Leaning Tree	X		4	3	3.5	No	G	5	4.25	9	22.5		HDD	18	#N/A	HIGH	0	40375	41878	22:35:47		REMOVE
156	124	Quercus agrifolia	X	14	43.98229715	40	20	26			X		4	4	4	No	G	5	4.5	7	17.5		HDD	14	#N/A	HIGH	0	40375	41878	22:35:47		REMOVE
157	127	Quercus agrifolia	X	14	43.98229715	42	22	30			X		4	4	4	No	G	5	4.5	7	17.5		HDD	14	#N/A	HIGH	0	40375	41878	22:35:34		REMOVE
158		Quercus agrifolia		6	18.84955592	12	4	3		Dead	X		1	1	1	No	G	5	3	3	7.5		HDD	6	#N/A	MODERATE	0	40375	41878	22:35:33		REMOVE
159	128	Quercus agrifolia	X	24	75.39822369	47	28	22		Leaning Tree		X	4	4	4	No	G	5	4.5	12	30		HDD	24	#N/A	HIGH	0	40375	41878	22:35:33		REMOVE
160	129	Quercus agrifolia	X	17	53.40707511	33	20	15		Leaning Tree	X		4	4	4	No	G	5	4.5	8.5	21.25		HDD	17	#N/A	HIGH	0	40375	41878	22:35:23		REMOVE
161	130	Quercus agrifolia	X	21	65.97344573	36	27	30			X		4	4	4	No	G	5	4.5	10.5	26.25		HDD	21	#N/A	HIGH	0	40375	41878	22:35:04		REMOVE
162	131	Quercus agrifolia		8	25.13274123	25	7	12			X		4	3	3.5	No	G	5	4.25	4	10		HDD	8	#N/A	HIGH	0	40375	41878	22:34:59		REMOVE
163		Quercus agrifolia		9	28.27433388	25	18	10			X		4	3	3	No	G	5	4	4.5	11.25		HDD	9	#N/A	HIGH	0	40375	41878	22:34:59		REMOVE
164	132	Quercus lobata	X	22	69.11503838	35	27	20		Dead Limbs	X		4	4	4	No	M	3	3.5	11	27.5		HDD	22	#N/A	HIGH	0	40375	41878	22:34:49		REMOVE
165		Quercus lobata		7	21.99114858	23	6	5		Poor Tree Structure	X		4	2	2	No	M	3	2.5	3.5	8.75		HDD	7	#N/A	LOW	0	40375	41878	22:34:50		REMOVE
166	589	Quercus lobata	X	16	50.26548246	31	21	34		Leaning Tree	X		4	3	3	No	M	3	3	8	20		HDD	16	#N/A	MODERATE	0	40375	41878	22:34:44		REMOVE
167		Quercus agrifolia	X	17	53.40707511	25	18	22			X		4	3	3.5	No	G	5	4.25	8.5	21.25		HDD	17	#N/A	HIGH	0	40375	41878	22:34:40		REMOVE
168		Quercus agrifolia	X	16	50.26548246	25	16	18			X		4	4	4	No	G	5	4.5	8	20		HDD	16	#N/A	HIGH	0	40375	41878	22:28:24		SAVE
169		Quercus agrifolia		9	28.27433388	24	16	14			X		5	5	5	No	G	5	5	4.5	11.25		HDD	9	#N/A	HIGH	0	40375	41878	22:28:24		SAVE
170		Quercus agrifolia	X	11	34.55751919	26	15	12			X		5	4	4.5	No	G	5	4.75	5.5	13.75		HDD	11	#N/A	HIGH	0	40375	41878	22:28:25		REMOVE
171		Quercus lobata	X	35	109.9557429	46	48	36				X	4	4	4	No	M	3	3.5	17.5	43.75		HDD	35	#N/A	HIGH	0	40375	41878	22:34:08		REMOVE
172		Quercus agrifolia	X	34	106.8141502	33	40	32			X		5	4	4.5	No	G	5	4.75	17	42.5		HDD	34	#N/A	HIGH	1	40459	41878	22:34:09		REMOVE
173	593	Quercus agrifolia		9	28.27433388	27	32	32			X		3	3	3	No	G	5	4	4.5	11.25		HDD	9	#N/A	HIGH	0	40375	41878	22:34:03		REMOVE
174		Quercus agrifolia		9	28.27433388	6	7	10		Crowded Growing Conditions	X		3	2	2.5	No	G	5	3.75	4.5	11.25		HDD	9	#N/A	HIGH	0	40375	41878	22:33:43		REMOVE
175		Quercus agrifolia	X	14	43.98229715	27	25	28			X		5	5	5	No	G	5	5	7	17.5		HDD	14	#N/A	HIGH	0	40375	41878	22:33:43		REMOVE
176		Quercus agrifolia		7	21.99114858	17	20	18			X		4	4	4	No	G	5	4.5	3.5	8.75		HDD	7	#N/A	HIGH	0	40375	41878	22:33:34		OFF-SITE
177		Quercus agrifolia		5	15.70796327	15	8	6	X		X		5	5	5	No	G	5	5	2.5	6.25		HDD	5	#N/A	HIGH	0	40375	41878	22:33:34		REMOVE
178		Quercus agrifolia		6	18.84955592	15	6	5			X		5	5	5	No	G	5	5	3	7.5		HDD	6	#N/A	HIGH	0	40375	41878	22:33:34		REMOVE
179		Quercus agrifolia	X	12	37.69911184	16	10	8			X		5	4	4.5	No	G	5	4.75	6	15		HDD	12	#N/A	HIGH	0	40375	41878	22:33:34		SAVE
180		Quercus agrifolia		6	18.84955592	13	10	7			X		5	4	4.5	No	G	5	4.75	3	7.5		HDD	6	#N/A	HIGH	0	40375	41878	22:33:34		REMOVE
181		Olea europaea	X	13	40.8407045	22	28	20			X		4	4	4	No	M	3	3.5	6.5	16.25		HDD	13	#N/A	HIGH	0	40375	41878	22:33:34		REMOVE
182		Pinus brutia var. eldarica		9	28.27433388	24	10	4		Severe Decline	X		2	2	2	No	M-G	4	3	4.5	11.25		HDD	9	#N/A	MODERATE	0	40375	41878	22:33:34		SAVE
183		Pinus brutia var. eldarica	X	11	34.55751919	22	7	6		Severe Decline	X		3	2	2.5	No	M-G	4	3.25	5.5	13.75		HDD	11	#N/A	MODERATE	ysmission and Prin	40140	41866	11:50:53	topped	SAVE
184		Pinus brutia var. eldarica	X	14	43.98229715	28	13	10		Dead Wood	X		3	2	2	No	M-G	4	3	7	17.5		HDD	14	#N/A	MODERATE	None	40140	41866	11:50:53		SAVE
185				6	18.84955592	22	5	6		Severe Decline	X		3	2	2.5	No	M-G	4	3.25	3	7.5		HDD	6	#N/A	MODERATE	ysmission and Prin	40140	41866	11:50:53	topped	SAVE
186	149	Pinus brutia var. eldarica		7	21.99114858	25	8	6		Severe Decline	X		2	2	2	No	M-G	4	3	3.5	8.75		HDD	7	#N/A	MODERATE	ysmission and Prin	40140	41866	11:50:53	topped	SAVE
187	150	Pinus brutia var. eldarica	X	11	34.55751919	25	12	5		Poor Tree Structure	X		4	3	3.5	No	M-G	4	3.75	5.5	13.75		HDD	11	#N/A	HIGH	ysmission and Prin	40136	41866	11:50:53	topped	SAVE
188	151	Pinus brutia var. eldarica	X	11	34.55751919	26	8	6		Severe Decline	X		3	2	2.5	No	M-G	4	3.25	5.5	13.75		HDD	11	#N/A	MODERATE	ysmission and Prin	40136	41866	11:50:53	topped	SAVE
189	152	Pinus brutia var. eldarica	X	10	31.41592654	32	8	10			X		4	4	4	No	M-G	4	4	5	12.5		HDD	10	#N/A	HIGH	ysmission and Prin	40136	41866	11:50:53	topped; cavity/decay	SAVE
190	153	Pinus brutia var. eldarica	X	11	34.55751919	25	13	10		Severe Decline	X		3	2	2.5	No	M-G	4	3.25	5.5	13.75		HDD	11	#N/A	MODERATE	ysmission and Prin	40140	41866	11:50:53	topped	REMOVE
191		Pinus brutia var. eldarica		4	12.56637061	6	4	4		Severe Decline	X		2	2	2	No	M-G	4	3	2	5		HDD	4	#N/A	MODERATE	ysmission and Prin	40140	41866	11:50:53	topped	REMOVE
192	154	Pinus brutia var. eldarica	X	18	56.54866776	35	16	18			X		4	4	4	No	M-G	4	4	4	9	22.5		HDD	18	#N/A	HIGH	ysmission and Prin	40140	41866	11:50:53	topped; multi-stemmed	SAVE
193	155	Pinus brutia var. eldarica		5	15.70796327	23	6	10			X		4	4	4	No	M-G	4	4	2.5	6.25		HDD	5	#N/A	HIGH	ysmission and Prin	40140	41866	11:50:53	topped; multi-stemmed	SAVE
194	594	Calocedrus decurrens		8	25.13274123	23	8	10			X		4	4	4	No	M	3	3.5	4	10		HDD	8	#N/A	HIGH	ysmission and Prin	40140	41866	11:50:53	topped; multi-stemmed	SAVE
195	156	Pinus brutia var. eldarica	X	13	40.8407045	27	15	18			X		4	3	3.5	No	M-G	4	3.75	6.5	16.25		HDD	13	#N/A	HIGH	ysmission and Prin	40140	41866	11:50:53		SAVE
196	157	Calocedrus decurrens		8	25.13274123	24	8	10			X		5	5	5	No	M	3	4	4	10		HDD	8	#N/A	HIGH	ysmission and Prin	40140	41866	11:50:53	branch decay; borers	SAVE
197		Calocedrus decurrens		6	18.84955592	15	8	6			X		2	2	2	No	M	3	2.5	3	7.5		HDD	6	#N/A	LOW	ysmission and Prin	40140	41866	11:50:53	topped	SAVE
198		Not Used		0	0								0	0	0	No	M	0	0	0	0	#N/A	HDD	#N/A	#N/A	#N/A						
199	158	Pinus brutia var. eldarica	X	11	34.55751919	30	13	17			X		4	4	4	No	M-G	4	4	5.5	13.75		HDD	11	#N/A	HIGH	ysmission and Prin	40141	41866	11:50:53		SAVE
200		Pinus brutia var. eldarica	X	12	37.69911184	31	8	10			X		4	4	4	No	M-G	4	4	6	15		HDD	12	#N/A	HIGH	None	40141	41866	11:50:53		SAVE
201		Not Used		0	0								0	0	0	No	M	0	0	0	0	#N/A					ysmission and Prin	40141	41866	11:50:53		
202	161	Quercus lobata	X	60	188.4955592	43	46	42				X	4	3	3.5	No	M	3	3.25	30	75		HDD	60	#N/A	MODERATE	ysmission and Prin	40141	41866	11:50:53	trunk decay	SAVE
203	160	Quercus lobata	X	17	53.40707511	26	34	35			X		3	4	3.5	No	M	3	3.25	8.5	21.25		HDD	17	#N/A	MODERATE	ysmission and Prin	40141	41794	16:38:39	Mex. fan; volunteers nearby	REMOVE
204	163	Quercus lobata	X	10	31.41592654	19	10	5			X		4	3	3.5	No	M	3	3.25	5	12.5		HDD	10	#N/A	MODERATE	ysmission and Prin	40141	41794	16:38:39		REMOVE
205	164	Quercus lobata		7	21.99114858	23	12	7		Severe Decline	X		2	2	2	No	M	3	2.5	3.5	8.75		HDD	7	#N/A	LOW	ysmission and Prin	40141	41794	16:38:39		REMOVE
206	383	Quercus lobata	X	21	65.97344573	30	32	37		Dead Wood	X		3	3	3	No	M	3	3	10.5	26.25		HDD	21	#N/A	MODERATE	ysmission and Prin	40136	41866	11:50:53		SAVE
207	165	Quercus agrifolia		9	28.27433388	16	12	13			X		5	5	5	No	G	5	5	4.5	11.25		HDD	9	#N/A	HIGH	Primary	40136	41866	11:50:53		SAVE
208		Quercus lobata	X	11	34.55751919	24	15	18			X		3	3	3	No	M	3	3	5.5	13.75		HDD	11	#N/A	MODERATE	None	40136	41866	11:50:53		SAVE
209	167	Quercus agrifolia	X	28	87.9645943	41	36	43				X	4	3	3.5	No	G	5	4.25	14	35		HDD	28	#N/A	HIGH	None	40136	41866	11:50:53		SAVE
210		Quercus agrifolia	X	18	56.54866776	34	20	15		Severe Decline	X		2	2	2	No	M	3	2.5	9	22.5		HDD	18	#N/A	LOW	None	40136	41866	11:50:53		SAVE
211		Quercus agrifolia	X	32	100.5309649	47	28	30				X	3	3	3	Yes	M	3	3	16	40		HDD	32	#N/A	MODERATE	None	40136	41794	16:38:39		SAVE
212		Olea europaea	X	10	31.41592654	27	26	20			X		3	3	3	No	M	3	3	5	12.5		HDD	10	#N/A	MODERATE	Primary	40136	41866	11:50:53		SAVE
213	171	Olea europaea	X	12	37.69911184	34	21	18		Previous Limb Failure	X		3	2	2.5	No	M	3	2.75	6	15		HDD	12	#N/A	MODERATE	None	40136	41866	11:50:53		SAVE
214	172	Quercus lobata	X	11	34.55751919	28	8	10		Severe Decline	X		2	2	2	No	M	3	2.5	5.5	13.75		HDD	11	#N/A	LOW	None	40136	41866	11:50:53	unknown	SAVE
215	595	Olea europaea		9	28.27433388	32	20	20			X		4	3	3.5	No	M	3	3.25	4.5	11.25		HDD	9	#N/A	MODERATE	Primary	40136	41866	11:50:53		SAVE
216	596	Quercus agrifolia	X	20	62.83185307	22	24	18			X		3	2	2.5	No	G	5	3.75	10	25		HDD	20	#N/A	HIGH	Primary	40136	41866	11:50:53		SAVE
217		Quercus lobata	X	35	109.9557429	38	36	32				X	4	4	4	No	M	3	3.5	17.5	43.75		HDD	35	#N/A	HIGH	None	40136	41866	11:50:53	topped; root decay	SAVE
218		Olea europaea		5	15.70796327	16	12	22			X		4	3	3	No	M	3	3	2.5	6.25		HDD	5	#N/A	MODERATE	None	40136	41866	11:50:53	topped; root decay; roots cut	SAVE
219		Quercus lobata		9	28.27433388	20	16	10		Severe Decline	X		4	2	2	No	M	3	2.5	4.5	11.25		HDD	9	#N/A	LOW	None	40136	41866	11:50:53		SAVE
220	175	Quercus agrifolia		9	28.27433388	10	1	1		Dead	X		1	1	1	No	M	3	2	4.5	11.25		HDD	9	#N/A	LOW	None	40136	41866	11:50:53	basal decay	REMOVE
221		Quercus lobata	X	13	40.8407045	23	13	8		Severe Decline	X		2	2	2	No	M	3	2.5	6.5	16.25		HDD	13	#N/A	LOW	None	40136	41866	11:50:53		SAVE
222	398	Quercus lobata	X	19	59.69026042	32	25	27			X		4	3	3	No	M	3	3	9.5	23.75		HDD	19	#N/A	MODERATE	None	40136	41866	11:50:53		SAVE
223		Quercus lobata	X	23	72.25663161	32	26	35			X		4	3	3.5	No	M	3	3.25	11.5	28.75		HDD	23	#N/A	MODERATE	None	40136	41866	11:50:53		SAVE
224	400	Quercus lobata	X	10	31.41592654	18	8	12		Severe Decline	X		2	2	2	No	M	3	2.5	5	12.5		HDD	10	#N/A	LOW	None	40136	41794	16:38:39	crown dieback	SAVE
225		Quercus lobata	X	11	34.55751919	21	10	20		Severe Decline	X		2	2	2	No	M	3	2.5	5.5	13.75		HDD	11	#N/A	LOW	None	40136	41866	11:50:53		SAVE
226	402	Quercus lobata	X	13	40.8407045	24	16	13		Severe Decline	X		3	2	2.5	No	M	3	2.75	6.5	16.25		HDD	13	#N/A	MODERATE	0	40375	41878	22:36:53		SAVE
227	392	Quercus lobata	X	28	87.9645943	37	33	36				X	4	4	4	Yes	M	3	3.5	14	35		HDD	28	#N/A	HIGH	0	40375	41878	22:36:52		SAVE
228	391	Quercus lobata	X	17.5	54.97787144	20	10	13		Poor Tree Structure	X		3	3	3	No	M	3	3	8.75	21.875		HDD	17.5	#N/A	MODERATE	0	40375	41878	22:36:48		SAVE
229	390	Quercus lobata	X	24	75.39822369	33	26	18		Dead Wood		X	3	3	3	No	M	3	3	12	30		HDD	24	#N/A	MODERATE	0	40375	41878	22:36:48		SAVE
230	393	Quercus lobata	X	14.5	45.55309348	20	18	10		Poor Tree Structure	X		3	3	3	No	M	3	3	7.25	18.125		HDD	14.5	#N/A	MODERATE	0	40375	41878	22:36:42		SAVE
231		Quercus lobata	X	13.5	42.41150082	21	16	7		Severe Decline	X		3	3	3	No	M	3	3	6.75	16.875		HDD	13.5	#N/A	MODERATE	0	40375	41878	22:36:42		SAVE
232		Quercus lobata	X	25.5	80.11061267	35	40	12				X	4	3	3.5	No	M	3	3.25	12.75	31.875		HDD	25.5	#N/A	MODERATE	0	40375	41878	22:36:39		SAVE
233	395	Quercus lobata	X	17	53.40707511	28	18	13			X		3	3	3	No	M	3	3	8.5	21.25		HDD	17	#N/A	MODERATE	0	40375	41878	22:36:39		SAVE
234		Quercus agrifolia	X	17.5	54.97787144	28	22	26			X		4	4	4	No	G	5	4.5	8.75	21.875		HDD	17.5	#N/A	HIGH	0	40375	41878	22:26:11	Parking Lot	SAVE
235	387	Quercus lobata	X	18.5	58.11946409	35	26	10		Dead Wood	X		3	3	3	No	M	3	3	9.25	23.125		HDD	18.5	#N/A	MODERATE	0	40375	41878	22:25:39		SAVE
236	386	Quercus lobata	X	23.5	73.82742736	34	28	25		Dead Wood	X		3	3	3	No	M	3	3	11.75	29.375		HDD	23.5	#N/A	MODERATE	0	40375	41878	22:25:39		SAVE
237		Quercus agrifolia	X	34	106.8141502	30	40	47		Crowded Growing Conditions		X	4	3	3.5	No	G	5	4.25	17	42.5		HDD	34	#N/A	HIGH	0	40375	41878	22:36:25		SAVE
238	385	Quercus lobata	X	35	109.9557429	40	33	30		Leaning Tree		X	4	3	3	No	M	3	3	17.5	43.75		HDD	35	#N/A	MODERATE	0	40375	41878	22:36:22		SAVE
239	177	Quercus lobata	X	25	78.53981634	35	21	32				X	4	3	3.5	No	M	3	3.25	12.5	31.25		HDD	25	#N/A	MODERATE	0	27945	41878	20:14:45		SAVE
240		Quercus lobata	X	18	56.54866776	35	21	24			X		4	3	3.5	No	M	3	3.25	9	22.5		HDD	18	#N/A	MODERATE	0	40375	41878	22:28:30		SAVE
241	180	Quercus lobata	X	34	106.8141502	35	24	25				X	4	3	3.5	No	M	3	3.25	17	42.5		HDD	34	#N/A	MODERATE	0	27945	41878	20:14:45		SAVE
242		Quercus lobata	X	15	47.1238898	30	18	23			X		4	4	4	No	M	3	3.5	7.5	18.75		HDD	15	#N/A	HIGH	0	27945	41878	20:14:44		SAVE
243		Quercus lobata	X	14	43.98229715	25	15	12			X		3	2	2.5	No	M	3	2.75	7	17.5		HDD	14	#N/A	MODERATE	0	40375	41878	22:28:23		SAVE
244		Quercus lobata	X	20.5	64.4026494	28	16	22			X		3	3	3	No	M	3	3	10.25	25.625		HDD	20.5	#N/A	MODERATE	0	40375	41878	22:28:24		SAVE
245	184	Quercus lobata	X	11	34.55751919	15	6	12	X		X		4	2	3	No	M	3	3	5.5	13.75		HDD	11	#N/A	MODERATE	0	40375	41878	22:35:56		SAVE
246		Quercus agrifolia	X	19	59.69026042	31	16	28	X		X		4	3	3.5	No	M	3	3.25	9.5	23.75		HDD	19	#N/A	MODERATE	0	40375	41878	22:35:47		SAVE
247	186	Quercus lobata	X	22	69.11503838	32	20	27	X		X		4	3	3.5	No	M	3	3.25	11	27.5		HDD	22	#N/A	MODERATE	0	40375	41878	22:35:47		SAVE
248	187	Olea europaea	X	17	53.40707511	28	20	32	X	Dead Limbs	X		3	3	3	No	M	3	3	8.5	21.25		HDD	17	#N/A	MODERATE	0	40375	41878	22:35:34		SAVE
249		Quercus lobata	X	30	94.24777961	30	20	30	X	Severe Decline		X	2	2	2	No	M	3	2.5	15	37.5		HDD	30	#N/A	LOW	0	40375	41878	22:35:33		SAVE
250	189	Olea europaea		7	21.99114858	27	20	18	X		X		4	3	3.5	No	M	3	3.25	3.5	8.75		HDD	7	#N/A	MODERATE	0	40375	41878	22:35:33		SAVE
251		Olea europaea	X	10	31.41592654	25	10	30		Future Root Problems	X		3	3	3	No	M	3	3	5	12.5		HDD	10	#N/A	MODERATE	0	40375	41878	22:35:23		SAVE
252	192	Olea europaea		8	25.13274123	16	18	15		Dead Wood	X		4	3	3.5	No	M	3	3.25	4	10		HDD	8	#N/A	MODERATE	0	40375	41878	22:35:04		SAVE
253	192	Olea europaea	X	18	56.54866776	24	30	40			X		4	4	4	No	M	3	3.5	9	22.5		HDD	18	#N/A	HIGH	0	40375	41878	22:34:59		SAVE
254	191	Olea europaea	X	14	43.98229715	24	30	34	X		X		4	4	4	No	M	3	3.5	7	17.5		HDD	14	#N/A	HIGH	0	40375	41878	22:34:59		SAVE
255	190	Quercus agrifolia	X	17	53.40707511	34	18	22	X		X		4	3	3.5	No	M	3	3.25	8.5	21.25		HDD	17	#N/A	MODERATE	0	40375	41878	22:34:49		SAVE
256	196	Quercus agrifolia	X	19	59.69026042	27	8	18		Dead Wood	X		3	3	3	No	M	3	3	9.5	23.75		HDD	19	#N/A	MODERATE	0	40375	41878	22:34:50		SAVE
257		Quercus lobata	X	12	37.69911184	26	15	12		Severe Decline	X		3	2	2.5	No	M	3	2.75	6	15		HDD	12	#N/A	MODERATE	0	40375	41878	22:34:44		SAVE
258	194	Quercus agrifolia	X	14	43.98229715	33	11	20	X	Dead Wood	X		3	3	3	No	M	3	3	7	17.5		HDD	14	#N/A	MODERATE	0	40375	41878	22:34:40		SAVE
259		Quercus lobata	X	12	37.69911184	28	15	13	X	Poor Tree Structure	X		3	3	3	No	M	3	3	6	15		HDD	12	#N/A	MODERATE	0	40375	41878	22:28:24		SAVE
260		Quercus lobata	X	25	78.53981634	32	27	25	X	Poor Tree Structure		X	4	3	3.5	No	M	3	3.25	12.5	31.25		HDD	25	#N/A	MODERATE	0	40375	41878	22:28:24		SAVE
261		Quercus lobata	X	17	53.40707511	25	18	26	X	Severe Decline	X		2	2	2	No	M	3	2.5	8.5	21.25		HDD	17	#N/A	LOW	0	40375	41878	22:28:25		SAVE
262	404	Quercus lobata	X	23	72.25663203	33	31	36	X		X		3	3	3	No	M	3	3	11.5	28.75		HDD	23	#N/A	MODERATE	0	40375	41878	22:34:08		SAVE
263	403	Quercus lobata	X	34	106.8141502	36	30	16		Severe Decline		X	2	2	2	No	M	3	2.5	17	42.5		HDD	34	#N/A	LOW	1	40459	41878	22:34:09		SAVE
264	198	Quercus lobata	X	15	47.1238898	33	12	20		Dead Wood	X		4	3	3.5	No

Tree-ID	Existing Tree Tag Number	SPP	protected	DBH_IN	CIRC_IN	HEIGHT_FT	SPREAD N/S_FT	SPREAD E/W_FT	Species Rate To Const Impact	NOTE	PROTECTED	LARGE PROTECTED	HEALTH RATING	STRUCTURE RATING	COND OVRL RATING	ROOTB	Tolerance Rate To Const Impact	construction Numeronym	COND OVRL w Const Impact	CRZ_FT_R ADIUS	TPZ_FT_R ADIUS DBH+15	COND OVRL w Const Impact	MOC	Min Offset_IN	Min Depth_IN	RETENTION YATING	HVWIRES	Inv_Date	INSPECT_ DT	Inspect_ TM	Notes	SAVE, REMOVE, OFF-SITE
301		Calocedrus decurrens	X	10	31.41592654	23	12	10			X		5	5	5	No	M	3	4	5	12.5		HDD	10	#N/A	HIGH	0	40375	41878	22:33:34		SAVE
302		Calocedrus decurrens		7	21.99114858	17	8	8			X		4	4	4	No	M	3	3.5	3.5	8.75		HDD	7	#N/A	HIGH	0	40375	41878	22:33:34		SAVE
303	456	Calocedrus decurrens		7	21.99114858	17	6	5		Dead	X		1	1	1	No	M	3	2	3.5	8.75		HDD	7	#N/A	LOW	0	40375	41878	22:33:34		REMOVE
304	457	Calocedrus decurrens	X	15	47.1238898	21	10	12			X		4	4	4	No	M	3	3.5	7.5	18.75		HDD	15	#N/A	HIGH	0	40375	41878	22:33:34		SAVE
305	458	Calocedrus decurrens		7	21.99114858	15	8	10		Severe Decline	X		3	2	2.5	No	M	3	2.75	3.5	8.75		HDD	7	#N/A	MODERATE	0	40375	41878	22:33:34		SAVE
306		Calocedrus decurrens		7	21.99114858	15	10	5		Dead Wood	X		3	3	3	No	M	3	3	3.5	8.75		HDD	7	#N/A	MODERATE	0	40375	41878	22:33:34		SAVE
307		Calocedrus decurrens		7	21.99114858	10	5	4		Severe Decline	X		2	2	2	No	M	3	2.5	3.5	8.75		HDD	7	#N/A	LOW	0	40375	41878	22:33:34		SAVE
308	454	Pinus brutia var. eldarica	X	11	34.55751939	30	10	18		Dead Wood	X		3	3	3	No	M-G	4	3.5	5.5	13.75		HDD	11	#N/A	HIGH	0	40375	41878	22:33:34		SAVE
309		Pinus brutia var. eldarica	X	12	37.69911184	30	12	10		Dead Wood	X		3	3	3	No	M-G	4	3.5	6	15		HDD	12	#N/A	HIGH	0	40375	41878	22:33:34		SAVE
310	462	Calocedrus decurrens		8	25.13274123	18	8	8		Severe Decline	X		3	3	3	No	M	3	3	4	10		HDD	8	#N/A	MODERATE	0	40375	41878	22:33:34		SAVE
311	464	Calocedrus decurrens		8	25.13274123	15	10	9		Severe Decline	X		3	2	2.5	No	M	3	2.75	4	10		HDD	8	#N/A	MODERATE	0	40375	41878	22:33:34		SAVE
312	463	Calocedrus decurrens		5	15.70796327	18	6	8			X		4	4	4	No	M	3	3.5	2.5	6.25		HDD	5	#N/A	HIGH	0	40375	41878	22:33:34		SAVE
313		Calocedrus decurrens		6	18.84955592	12	8	6		Severe Decline	X		2	2	2	No	M	3	2.5	3	7.5		HDD	6	#N/A	LOW	0	40375	41878	22:33:34		SAVE
314		Calocedrus decurrens		5	15.70796327	8	7	7		Poor Tree Structure	X		3	3	3	No	M	3	3	2.5	6.25		HDD	5	#N/A	MODERATE						SAVE
315	505	Calocedrus decurrens		6	18.84955592	10	6	4		Severe Decline	X		2	2	2	No	M	3	2.5	3	7.5		HDD	6	#N/A	LOW						SAVE
316	503	Pinus brutia var. eldarica	X	10	31.41592654	28	6	8		Severe Decline	X		2	2	2	No	M-G	4	3	5	12.5		HDD	10	#N/A	MODERATE						SAVE
317	504	Pinus brutia var. eldarica	X	11	34.55751939	31	10	8		Dead Wood	X		3	2	2.5	No	M-G	4	3.25	5.5	13.75		HDD	11	#N/A	MODERATE						SAVE
318		Pinus brutia var. eldarica	X	10	31.41592654	29	7	5		Poor Tree Structure	X		3	2	2.5	No	M-G	4	3.25	5	12.5		HDD	10	#N/A	MODERATE						SAVE
319	509	Calocedrus decurrens		5	15.70796327	15	4	6		Severe Decline	X		2	2	2	No	M	3	2.5	2.5	6.25		HDD	5	#N/A	LOW						SAVE
320	508	Calocedrus decurrens		6	18.84955592	18	6	6			X		3	4	3.5	No	M	3	3.25	3	7.5		HDD	6	#N/A	MODERATE						SAVE
321		Calocedrus decurrens		5	15.70796327	8	4	5		Severe Decline	X		3	3	3	No	M	3	3	2.5	6.25		HDD	5	#N/A	MODERATE						SAVE
322		Calocedrus decurrens		8	25.13274123	10	6	5			X		3	3	3	No	M	3	3	4	10		HDD	8	#N/A	MODERATE						SAVE
323	515	Calocedrus decurrens		7	21.99114858	12	5	5		Severe Decline	X		2	2	2	No	M	3	2.5	3.5	8.75		HDD	7	#N/A	LOW						SAVE
324	517	Calocedrus decurrens		8	25.13274123	10	8	6			X		4	3	3.5	No	M	3	3.25	4	10		HDD	8	#N/A	MODERATE						SAVE
325	518	Calocedrus decurrens		7	21.99114858	8	6	7		Poor Tree Structure	X		3	3	3	No	M	3	3	3.5	8.75		HDD	7	#N/A	MODERATE						SAVE
326	514	Calocedrus decurrens		9	28.27433388	16	8	9		Poor Tree Structure	X		3	3	3	No	M	3	3	4.5	11.25		HDD	9	#N/A	MODERATE						SAVE
327	513	Pinus brutia var. eldarica	X	11	34.55751939	31	8	10		Dead Wood	X		3	3	3	No	M-G	4	3.5	5.5	13.75		HDD	11	#N/A	HIGH						SAVE
328		Pinus brutia var. eldarica	X	11	34.55751939	28	15	12		Dead Wood	X		3	3	3	No	M-G	4	3.5	5.5	13.75		HDD	11	#N/A	HIGH						SAVE
329		Calocedrus decurrens		5	15.70796327	10	8	6			X		4	3	3.5	No	M	3	3.25	2.5	6.25		HDD	5	#N/A	MODERATE						SAVE
330		Calocedrus decurrens		7	21.99114858	10	8	5			X		4	3	3	No	M	3	3	3.5	8.75		HDD	7	#N/A	MODERATE						SAVE
331		Calocedrus decurrens		6	18.84955592	18	8	6			X		4	4	4	No	M	3	3.5	3	7.5		HDD	6	#N/A	HIGH						SAVE
332		Pinus brutia var. eldarica	X	13	40.8407045	28	18	20			X		4	3	3.5	No	M-G	4	3.75	6.5	16.25		HDD	13	#N/A	HIGH						SAVE
333		Calocedrus decurrens		7	21.99114858	12	8	6			X		4	4	4	No	M	3	3.5	3.5	8.75		HDD	7	#N/A	HIGH						SAVE
334	526	Calocedrus decurrens	X	13	40.8407045	26	12	8			X		3	3	3	No	M	3	3	6.5	16.25		HDD	13	#N/A	MODERATE						SAVE
335	527	Calocedrus decurrens		5	15.70796327	8	7	3		Severe Decline	X		3	2	2.5	No	M	3	2.75	2.5	6.25		HDD	5	#N/A	MODERATE						SAVE
336	528	Calocedrus decurrens		6	18.84955592	8	4	4		Root Impact	X		2	2	2	No	M	3	2.5	3	7.5		HDD	6	#N/A	LOW						SAVE
337	529	Pinus brutia var. eldarica	X	12	37.69911184	28	13	14			X		3	3	3	No	M-G	4	3.5	6	15		HDD	12	#N/A	HIGH						SAVE
338		Pinus brutia var. eldarica	X	15	47.1238898	30	20	18		Dead Wood	X		4	3	3.5	No	M-G	4	3.75	7.5	18.75		HDD	15	#N/A	HIGH						SAVE
339		Calocedrus decurrens		3	9.424777961	10	4	3			EXEMPT		3	3	3	No	M	3	3	1.5	3.75		HDD	3	#N/A	MODERATE						SAVE
340		Calocedrus decurrens		4	12.56637061	15	5	3			X		3	3	3	No	M	3	3	2	5		HDD	4	#N/A	MODERATE						SAVE
341		Pinus brutia var. eldarica		8	25.13274123	25	8	7		Severe Decline	X		3	2	2.5	No	M-G	4	3.25	4	10		HDD	8	#N/A	MODERATE						SAVE
342	535	Pinus brutia var. eldarica	X	14	43.98229715	27	12	10		Poor Tree Structure	X		3	3	3	No	M-G	4	3.5	7	17.5		HDD	14	#N/A	HIGH						SAVE
343		Pinus brutia var. eldarica	X	15	47.1238898	28	15	10			X		3	3	3	No	M-G	4	3.5	7.5	18.75		HDD	15	#N/A	HIGH						SAVE
344	533	Calocedrus decurrens		6	18.84955592	15	5	4		Severe Decline	X		3	2	2	No	M	3	2.5	3	7.5		HDD	6	#N/A	LOW						SAVE
345		Calocedrus decurrens		6	18.84955592	10	5	5		Leaning Tree	X		4	3	3.5	No	M	3	3.25	3	7.5		HDD	6	#N/A	MODERATE						SAVE
346		Quercus lobata	X	21	65.97344573	30	27	22		Dead Wood	X		4	3	3	No	M	3	3	10.5	26.25		HDD	21	#N/A	MODERATE						SAVE
347		Quercus lobata	X	21	65.97344573	40	24	27		Dead Wood	X		4	3	3.5	No	M	3	3.25	10.5	26.25		HDD	21	#N/A	MODERATE						SAVE
348		Quercus douglasii	X	24	75.39822369	43	40	30				X	4	3	3.5	No	M-G	4	3.75	12	30		HDD	24	#N/A	HIGH						SAVE
349		Quercus douglasii	X	23	72.25663103	36	35	26			X		4	3	3.5	No	M-G	4	3.75	11.5	28.75		HDD	23	#N/A	HIGH						SAVE
350	440	Quercus lobata	X	11	34.55751939	25	16	18		Dead Wood	X		4	3	3	No	M	3	3	5.5	13.75		HDD	11	#N/A	MODERATE						SAVE
351	214	Olea europaea	X	14	43.98229715	30	40	45			X		4	3	3.5	No	M	3	3.25	7	17.5		HDD	14	#N/A	MODERATE						SAVE
352		Quercus douglasii		5	15.70796327	25	12	8		Severe Decline	X		2	2	2.5	No	M-G	4	3.25	2.5	6.25		HDD	5	#N/A	MODERATE						SAVE
353	225	Quercus lobata	X	14	43.98229715	20	6	5		Dead	X		1	1	1	No	M	3	2	7	17.5		HDD	14	#N/A	LOW						REMOVE
354		Quercus lobata	X	10	31.41592654	23	8	18			X		3	2	2.5	No	M	3	2.75	5	12.5		HDD	10	#N/A	MODERATE						SAVE
355	431	Quercus lobata	X	20	62.83185307	28	33	30			X		3	2	2.5	No	M	3	2.75	10	25		HDD	20	#N/A	MODERATE						SAVE
356		Snag		9	28.27433388	22	1	1		Dead	X		1	1	1	No	0	0	0	4.5	0		HDD	9	#N/A							REMOVE
357	443	Quercus douglasii	X	24	75.39822369	43	24	35				X	3	3	3	No	M-G	4	3.5	12	30		HDD	24	#N/A	HIGH						SAVE
358		Quercus lobata		8	25.13274123	15	1	11		Dead	X		1	1	1	No	M	3	2	4	10		HDD	8	#N/A	LOW						REMOVE
359	446	Quercus lobata	X	12	37.69911184	25	10	6		Severe Decline	X		2	2	2	No	M	3	2.5	6	15		HDD	12	#N/A	LOW						SAVE
360	447	Quercus lobata	X	25	78.53981634	38	25	24		Dead Limbs		X	3	3	3	No	M	3	3	12.5	31.25		HDD	25	#N/A	MODERATE						SAVE
361		Quercus lobata	X	18	56.54866776	23	1	1		Dead	X		1	1	1	No	M	3	2	9	22.5		HDD	18	#N/A	LOW						REMOVE
362	437	Quercus lobata	X	19	59.69026042	30	16	15		Poor Tree Architecture	X		3	2	2.5	No	M	3	2.75	9.5	23.75		HDD	19	#N/A	MODERATE						SAVE
363		Quercus agrifolia	X	21	65.97344573	32	35	36			X		4	4	4	No	G	5	4.5	10.5	26.25		HDD	21	#N/A	HIGH						SAVE
364		Quercus lobata	X	13	40.8407045	31	15	13			X		3	3	3	No	M	3	3	6.5	16.25		HDD	13	#N/A	MODERATE						SAVE
365		Quercus lobata	X	13	40.8407045	35	22	10			X		3	3	3	No	M	3	3	6.5	16.25		HDD	13	#N/A	MODERATE						OFF-SITE
366	210	Quercus lobata		9	28.27433388	15	12	27		Excessive Limb Weight	X		4	2	3	No	M	3	3	4.5	11.25		HDD	9	#N/A	MODERATE						SAVE
367	211	Quercus lobata	X	16	50.26548246	46	16	15		Dead Limbs	X		4	2	3	No	M	3	3	8	20		HDD	16	#N/A	MODERATE						SAVE
368	213	Quercus lobata	X	17	53.40707511	32	26	22		Dead Wood	X		4	3	3.5	No	M	3	3.25	8.5	21.25		HDD	17	#N/A	MODERATE						SAVE
369	212	Quercus agrifolia	X	19	59.69026042	32	23	28			X		4	4	4	No	G	5	4.5	9.5	23.75		HDD	19	#N/A	HIGH						SAVE
370	219	Snag		7	21.99114858	5	1	1		Dead	X		1	1	1	No	0	0	0	3.5	0		HDD	7	#N/A							REMOVE
371		Quercus lobata	X	15	47.1238898	50	15	12			X		4	4	4	No	M	3	3.5	7.5	18.75		HDD	15	#N/A	HIGH						SAVE
372	221	Quercus lobata		8	25.13274123	43	12	15		Dead Wood	X		3	3	3	No	M	3	3	4	10		HDD	8	#N/A	MODERATE						SAVE
373		Snag		8	25.13274123	22	1	1		Dead	X		1	1	1	No	0	0	0	4	0		HDD	8	#N/A							REMOVE
374	220	Olea europaea	X	18	56.54866776	38	23	20			X		4	4	4	No	M	3	3.5	9	22.5		HDD	18	#N/A	HIGH						SAVE
375	223	Quercus lobata	X	18	56.54866776	26	28	23		Dead Wood	X		3	4	3.5	No	M	3	3.25	9	22.5		HDD	18	#N/A	MODERATE						SAVE
376		Quercus agrifolia	X	20	62.83185307	22	1	1		Dead	X		1	1	1	No	G	5	3	10	25		HDD	20	#N/A	MODERATE						REMOVE
377		Quercus agrifolia	X	30	94.24777961	35	45	35				X	4	4	4	No	G	5	4.5	15	37.5		HDD	30	#N/A	HIGH						SAVE
378		Quercus lobata		9	28.27433388	15	1	1		Dead	X		1	1	1	No	M	3	2	4.5	11.25		HDD	9	#N/A	LOW						REMOVE
379		Quercus agrifolia	X	10	31.41592654	14	2	10		Dead	X		1	1	1	No	G	5	3	5	12.5		HDD	10	#N/A	MODERATE						REMOVE
380		Pinus halepensis	X	13	40.8407045	34	13	18			X		4	3	3.5	No	M-G	4	3.75	6.5	16.25		HDD	13	#N/A	HIGH						SAVE
381		Quercus lobata		9	28.27433388	28	23	15		Dead Wood	X		3	3	3	No	M	3	3	4.5	11.25		HDD	9	#N/A	MODERATE						SAVE
382		Quercus douglasii	X	23	72.25663103	36	43	50			X		4	3	3.5	No	M-G	4	3.75	11.5	28.75		HDD	23	#N/A	HIGH						SAVE
383		Pinus halepensis		5	15.70796327	21	12	5		Co-Dominant Lead	X		4	3	3.5	No	M-G	4	3.75	2.5	6.25		HDD	5	#N/A	HIGH						SAVE
384		Pinus halepensis	X	11	34.55751939	30	20	10			X		4	2	3	No	M-G	4	3.5	5.5	13.75		HDD	11	#N/A	HIGH						SAVE
385		Quercus agrifolia	X	22	69.11503838	26	10	36		Severe Decline	X		2	2	2	No	G	5	3.5	11	27.5		HDD	22	#N/A	HIGH						SAVE
386		Quercus lobata	X	15	47.1238898	20	1	1		Dead	X		1	1	1	No	M	3	2	7.5	18.75		HDD	15	#N/A	LOW						REMOVE
387		Quercus douglasii	X	22	69.11503838	30	30	20		Sites of Decay	X		3	2	2.5	No	M-G	4	3.25	11	27.5		HDD	22	#N/A	MODERATE						SAVE
388		Quercus douglasii	X	11	34.55751919	20	6	17			X		3	3	3	No	M-G	4	3.5	5.5	13.75		HDD	11	#N/A	HIGH						SAVE
389		Quercus douglasii		8	25.13274123	22	8	14			X		4	4	4	No	M-G	4	4	4	10		HDD	8	#N/A	HIGH						SAVE
390		Quercus douglasii	X	20	62.83185307	33	20	30			X		4	4	4	No	M-G	4	4	10	25		HDD	20	#N/A	HIGH						SAVE
391	439	Quercus lobata	X	13	40.8407045	28	20	15			X		3	3	3	No	M	3	3	6.5	16.25		HDD	13	#N/A	MODERATE						SAVE
392	230	Quercus lobata	X	17	53.40707511	34	21	20		Dead Wood	X		3	3	3	No	M	3	3	8.5	21.25		HDD	17	#N/A	MODERATE						SAVE
393		Quercus lobata	X	14	43.98229715	30	10	20		Severe Decline	X		3	2	2.5	No	M	3	2.75	7	17.5		HDD	14	#N/A	MODERATE						SAVE
394	234	Quercus douglasii	X	12	37.69911184	33	22	18			X		4	3	3.5	No	M-G	4	3.75	6	15		HDD	12	#N/A	HIGH						OFF-SITE
395	235	Quercus douglasii	X	10	31.41592654	22	15	12			X		4	3	3.5	No	M-G	4	3.75	5	12.5		HDD	10	#N/A	HIGH						OFF-SITE
396		Quercus douglasii	X	13	40.8407045	22	14	10		Severe Decline	X		4	2	3	No	M-G	4	3.5	6.5	16.25		HDD	13	#N/A	HIGH						SAVE
397		Quercus douglasii	X	13	40.8407045	31	18	13			X		3	3	3	No	M-G	4	3.5	6.5	16.25		HDD	13	#N/A	HIGH						SAVE
398	236	Quercus douglasii	X	27	84.82300165	42	43	40				X	4	4	4	No	M-G	4	4	13.5	33.75		HDD	27	#N/A	HIGH						SAVE
399		Quercus douglasii	X	21	65.97344573	35	20	25		Sites of Decay	X		4	3	3	No	M-G	4	3.5	10.5	26.25		HDD	21	#N/A	HIGH						SAVE
400		Quercus douglasii	X	15	47.1238898	36	24	20		Dead Wood	X		4	3	3.5	No	M-G	4	3.75	7.5	18.75		HDD	15	#N/A	HIGH						SAVE
401		Quercus douglasii	X	10	31.41592654	30	20	13		Leaning Tree	X		3	2	2.5	No	M-G	4	3.25	5	12.5		HDD	10	#N/A	MODERATE						SAVE
402		Quercus douglasii	X	13	40.8407045	39	20	18		Severe Decline	X		2	2	2	No	M-G	4	3	6.5	16.25		HDD	13	#N/A	MODERATE						SAVE
403		Quercus douglasii	X	22	69.11503838	45	22	24		Severe Decline	X		2	2	2	No	M-G	4	3	11	27.5		HDD	22	#N/A	MODERATE						SAVE
404		Quercus douglasii	X	19	59.69026042	36	30	24			X		4	3	3.5	No	M-G	4	3.75	9.5	23.75		HDD	19	#N/A	HIGH						SAVE
405		Quercus lobata	X	10	31.41592654	25	10	8		Severe Decline	X		2	2	2	No	M	3	2.5	5	12.5		HDD	10	#N/A	LOW						SAVE
406		Quercus lobata	X	12	37.69911184	25	4	10		Severe Decline	X		2	2	2	No	M	3	2.5	6	15		HDD	12	#N/A	LOW						SAVE
407		Quercus douglasii	X	15	47.1238898	36	20	30		Severe Decline	X		3	2	2.5	No	M-G	4	3.25	7.5	18.75		HDD	15	#N/A	MODERATE						SAVE
408		Quercus lobata	X	17	53.40707511	34	27	40		Poor Tree Structure	X		3	2	2.5	No	M	3	2.75	8.5	21.25		HDD	17	#N/A	MODERATE						SAVE
409		Quercus douglasii	X	18	56.54866776	32	27	33			X		4	4	4	No	M-G	4	4	9	22.5		HDD	18	#N/A	HIGH						SAVE
410		Quercus douglasii	X	17	53.40707511	37	20	25			X		4	4	4	No	M-G	4	4	8.5	21.25		HDD	17	#N/A	HIGH						SAVE
411		Quercus douglasii	X	16	50.26548246	30	17	23			X		4	4	4	No	M-G	4	4	8	20		HDD	16	#N/A	HIGH						SAVE
412		Quercus lobata	X	16	50.26548246	33	25	30			X		3	3	3	No	M	3	3	8	20		HDD	16	#N/A	MODERATE						SAVE
413	481	Quercus lobata		8	25.13274123	24	1	1		Dead	X		1	1	1	No	M	3	2	4	10		HDD	8	#N/A	LOW						REMOVE
414		Quercus douglasii	X	19	59.69026042	37	26	30			X		4	3	3.5	No	M-G	4	3.75	9.5	23.75		HDD	19	#N/A	HIGH						SAVE
415		Quercus douglasii	X	23	72.25663103	32	28	24			X		4	3	3.5	No	M-G	4	3.75	11.5	28.75		HDD	23	#N/A	HIGH						SAVE
416	489	Quercus lobata	X	14	43.98229715	30	17	22			X		4	4	4	No	M	3	3.5	7	17.5		HDD	14	#N/A	HIGH						SAVE
417	488	Quercus lobata	X	22	69.11503838	28	30	33		Dead Wood	X		4	3	3	No	M	3	3	11	27.5		HDD	22	#N/A	MODERATE						SAVE
418		Quercus douglasii	X	23	72.25663103	38	22	27			X		4	3	3.5	No	M-G	4	3.75	11.5	28.75		HDD	23	#N/A	HIGH						SAVE
419		Quercus lobata	X	17	53.40707511	34	15	13			X		3	3	3	No	M	3	3	8.5	21.25		HDD	17	#N/A	MODERATE						SAVE
420		Quercus lobata	X	14	43.98229715	26	15	12		Severe Decline	X		4	3	2	No	M-G	4	3	7	17.5		HDD	14	#N/A	MODERATE						SAVE
421	485	Quercus lobata	X	15	47.1238898	27	13	15		Severe Decline	X		3	2	2	No	M	3	2.5	7.5	18.75		HDD	15	#N/A	LOW						SAVE
422		Quercus douglasii	X	28	87.9645943	42	44	28		Dead Limbs		X	3	2	2.5	No	M	3	2.75	14	35		HDD	28	#N/A	MODERATE						SAVE
423		Quercus lobata	X	28	87.9645943	35	20	40		Dead Limbs		X	3	2	2.5	No	M	3	2.75	14	35		HDD	28	#N/A	MODERATE						SAVE
424	486	Quercus douglasii	X	21	65.97344573	23	30	18			X		4	3	3	No	M-G	4	3.5	10.5	26.25		HDD	21	#N/A	HIGH						SAVE
425		Quercus douglasii	X	21	65.97344573	38	24	23		Leaning Tree	X		4	3	3	No	M-G	4	3.5	10.5	26.25		HDD	21	#N/A	HIGH						SAVE
426		Quercus douglasii		7	21.99114858	20	12	8			X		3	3	3	No	M-G	4	3.5	3.5	8.75		HDD	7	#N/A	HIGH						SAVE
427		Quercus lobata	X	19	59.69026042	32	23	23			X		3	3	3	No	M	3	3	9.5	23.75		HDD	19	#N/A	MODERATE						SAVE
428		Quercus douglasii	X	25	78.53981634	41	30	35				X	3	3	3	No	M-G	4	3.5	12.5	31.25		HDD	25	#N/A	HIGH						SAVE
429	473	Quercus douglasii	X	16	50.26548246	28	15	18			X		3	3	3	No	M-G	4	3.5	8	20		HDD	16	#N/A	HIGH						SAVE
430		Quercus lobata	X	18	56.54866776	33	22	15			X		3	3	3	No	M	3	3	9	22.5		HDD

Tree-ID	Existing Tree Tag Number	SPP	protected	DBH_IN	CIRC_IN	HEIGHT_FT	SPREAD N/S_FT	SPREAD E/W_FT	Species Rate To Const Impact	NOTE	PROTECTED	LARGE PROTECTED	HEALTH RATING	STRUCTURE RATING	COND OVRL RATING	ROOTB	Tolerance Rate To Const Impact	construction Numeronym	COND OVRL w Const Impact	CRZ_FT_R ADIUS	TPZ_FT_R DBH+15	COND OVRL w Const Impact	MOC	Min Offset_IN	Min Depth_IN	RETENTION IATING	HVWIRES	Inv_Date	INSPECT_ DT	Inspect_ TM	Notes	SAVE, REMOVE, OFF-SITE
451	302	Quercus douglasii	X	28	87.9645943	47	33	35				X	3	3	3	No	M-G	4	3.5	14	35		HDD	28	#N/A	HIGH						SAVE
452		Quercus agrifolia	X	27	84.82300165	35	40	40				X	4	4	4	No	G	5	4.5	13.5	33.75		HDD	27	#N/A	HIGH						SAVE
453	304	Quercus lobata	X	11	34.55751919	28	16	13			X		3	3	3	No	M	3	3	5.5	13.75		HDD	11	#N/A	MODERATE						SAVE
454		Quercus agrifolia	X	26	81.68140899	35	30	30				X	4	4	4	No	G	5	4.5	13	32.5		HDD	26	#N/A	HIGH						SAVE
455		Snag	X	16	50.26548246	8	1	1		Dead	X		1	1	1	No	0	0	0	8	0		HDD	16	#N/A							REMOVE
456	258	Quercus agrifolia	X	20	62.83185307	45	35	30			X		3	3	3	No	G	5	4	10	25		HDD	20	#N/A	HIGH						SAVE
457		Quercus douglasii	X	16	50.26548246	45	30	20			X		3	3	3	No	M-G	4	3.5	8	20		HDD	16	#N/A	HIGH						SAVE
458	252	Quercus douglasii	X	11	34.55751919	35	15	18		Severe Decline	X		2	2	2	No	M-G	4	3	5.5	13.75		HDD	11	#N/A	MODERATE						SAVE
459	254	Quercus agrifolia	X	15	47.1238898	45	23	30		Severe Decline	X		2	2	2	No	G	5	3.5	7.5	18.75		HDD	15	#N/A	HIGH						SAVE
460	249	Quercus agrifolia	X	21	65.97344573	36	38	30			X		4	3	3.5	No	G	5	4.25	10.5	26.25		HDD	21	#N/A	HIGH						SAVE
461		Quercus agrifolia	X	10	31.41592654	27	35	20			X		3	3	3	No	G	5	4	5	12.5		HDD	10	#N/A	HIGH						SAVE
462	253	Quercus agrifolia	X	14	43.98229715	38	22	23			X		4	5	4.5	No	G	5	4.75	7	17.5		HDD	14	#N/A	HIGH						SAVE
463		Quercus agrifolia		5	15.70796327	15	10	10		Crowded Growing Conditions	X		3	4	3.5	No	G	5	4.25	2.5	6.25		HDD	5	#N/A	HIGH						SAVE
464	255	Quercus agrifolia	X	15	47.1238898	30	22	20		Poor Tree Structure	X		4	2	3	No	G	5	4	7.5	18.75		HDD	15	#N/A	HIGH						SAVE
465	256	Quercus agrifolia	X	32	100.5309649	47	38	37				X	4	4	4	No	G	5	4.5	16	40		HDD	32	#N/A	HIGH						SAVE
466	260	Quercus agrifolia	X	16	50.26548246	31	18	22		Crowded Growing Conditions	X		4	3	3.5	No	G	5	4.25	8	20		HDD	16	#N/A	HIGH						SAVE
467	259	Quercus agrifolia	X	11	34.55751919	38	15	24			X		4	4	4	No	G	5	4.5	5.5	13.75		HDD	11	#N/A	HIGH						SAVE
468		Quercus agrifolia		9	28.27433388	26	15	15			X		3	4	3.5	No	G	5	4.25	4.5	11.25		HDD	9	#N/A	HIGH						SAVE
469		Not Used		0	0										0	No	0	0	0	0	0		HDD	0	#N/A							SAVE
470		Quercus lobata		3	9.424777961	23	6	5		Severe Decline	EXEMPT		2	2	2	No	M	3	2.5	1.5	3.75		HDD	3	#N/A	LOW						SAVE
471	540	Quercus agrifolia	X	14	43.98229715	30	16	13			X		4	3	3.5	No	G	5	4.25	7	17.5		HDD	14	#N/A	HIGH						SAVE
472		Quercus agrifolia		4	12.56637061	21	10	12			X		3	3	3	No	G	5	4	2	5		HDD	4	#N/A	HIGH						SAVE
473	541	Quercus agrifolia	X	15	47.1238898	40	28	20		Dead Wood	X		4	4	4	No	G	5	4.5	7.5	18.75		HDD	15	#N/A	HIGH						SAVE
474	543	Quercus agrifolia	X	13	40.8407045	40	18	15			X		4	4	4	No	G	5	4.5	6.5	16.25		HDD	13	#N/A	HIGH						SAVE
475		Quercus agrifolia	X	12	37.69911184	37	10	13		Dead Wood	X		4	4	4	No	G	5	4.5	6	15		HDD	12	#N/A	HIGH						SAVE
476		Quercus lobata	X	13	40.8407045	40	21	20			X		4	4	4	No	M	3	3.5	6.5	16.25		HDD	13	#N/A	HIGH						SAVE
477		Quercus agrifolia	X	11	34.55751919	30	15	13			X		5	5	5	No	G	5	5	5.5	13.75		HDD	11	#N/A	HIGH						SAVE
478	546	Quercus agrifolia	X	11	34.55751919	28	18	15			X		5	5	5	No	G	5	5	5.5	13.75		HDD	11	#N/A	HIGH						SAVE
479	263	Quercus agrifolia	X	21	65.97344573	31	26	20		Dead Limbs	X		4	3	3.5	No	G	5	4.25	10.5	26.25		HDD	21	#N/A	HIGH						SAVE
480	545	Quercus agrifolia	X	10	31.41592654	31	15	12			X		5	4	4.5	No	G	5	4.75	5	12.5		HDD	10	#N/A	HIGH						SAVE
481		Quercus lobata		4	12.56637061	25	8	3		Crowded Growing Conditions	X		3	3	3	No	M	3	3	2	5		HDD	4	#N/A	MODERATE						SAVE
482		Quercus agrifolia		7	21.99114858	21	10	8			X		5	5	5	No	G	5	5	3.5	8.75		HDD	7	#N/A	HIGH						SAVE
483	547	Quercus agrifolia	X	16	50.26548246	42	24	23			X		4	4	4	No	G	5	4.5	8	20		HDD	16	#N/A	HIGH						SAVE
484	548	Quercus agrifolia	X	18	56.54866776	36	45	37			X		4	4	4	No	G	5	4.5	9	22.5		HDD	18	#N/A	HIGH						SAVE
485		Quercus agrifolia		9	28.27433388	26	20	18			X		4	4	4	No	G	5	4.5	4.5	11.25		HDD	9	#N/A	HIGH						SAVE
486		Quercus agrifolia	X	12	37.69911184	24	27	15		Weak Crotch	X		4	3	3.5	No	G	5	4.25	6	15		HDD	12	#N/A	HIGH						SAVE
487		Quercus lobata	X	12	37.69911184	31	24	18		Dead Wood	X		3	3	3	No	M	3	3	6	15		HDD	12	#N/A	MODERATE						SAVE
488		Heteromeles arbutifolia		4	12.56637061	15	15	15		Severe Decline	X		2	2	2	No	M	3	2.5	2	5		HDD	4	#N/A	LOW						SAVE
489	265	Quercus agrifolia	X	16	50.26548246	28	22	17			X		4	4	4	No	G	5	4.5	8	20		HDD	16	#N/A	HIGH						SAVE
490		Quercus agrifolia	X	36	113.0973355	55	36	40				X	4	4	4	No	G	5	4.5	18	45		HDD	36	#N/A	HIGH						SAVE
491	269	Quercus agrifolia	X	18	56.54866776	33	30	28			X		4	4	4	No	G	5	4.5	9	22.5		HDD	18	#N/A	HIGH						SAVE
492	270	Quercus agrifolia	X	27	84.82300165	51	35	33				X	4	4	4	No	G	5	4.5	13.5	33.75		HDD	27	#N/A	HIGH						SAVE
493	271	Quercus agrifolia	X	13	40.8407045	23	18	17			X		4	3	3.5	No	G	5	4.25	6.5	16.25		HDD	13	#N/A	HIGH						SAVE
494	274	Quercus agrifolia	X	32	100.5309649	40	35	46				X	4	4	4	No	G	5	4.5	16	40		HDD	32	#N/A	HIGH						SAVE
495	273	Quercus lobata	X	17	53.40707511	45	30	35		Dead Limbs	X		4	3	3.5	No	M	3	3.25	8.5	21.25		HDD	17	#N/A	MODERATE						SAVE
496		Quercus lobata		9	28.27433388	24	18	15		Severe Decline	X		2	2	2	No	M	3	2.5	4.5	11.25		HDD	9	#N/A	LOW						SAVE
497	279	Quercus lobata	X	10	31.41592654	30	15	22			X		4	3	3.5	No	M	3	3.25	5	12.5		HDD	10	#N/A	MODERATE						SAVE
498	293	Quercus agrifolia	X	17	53.40707511	34	30	28			X		4	4	4	No	G	5	4.5	8.5	21.25		HDD	17	#N/A	HIGH						SAVE
499		Quercus agrifolia	X	15	47.1238898	26	28	26			X		5	4	4.5	No	G	5	4.75	7.5	18.75		HDD	15	#N/A	HIGH						SAVE
500		Quercus lobata	X	12	37.69911184	27	23	15				X	4	3	3.5	No	M	3	3.25	6	15		HDD	12	#N/A	MODERATE						SAVE
501	278	Quercus agrifolia	X	26	81.68140899	37	55	60				X	4	3	3	No	G	5	4	13	32.5		HDD	26	#N/A	HIGH						SAVE
502		Quercus agrifolia	X	24	75.39822369	40	26	30				X	4	3	3.5	No	G	5	4.25	12	30		HDD	24	#N/A	HIGH						SAVE
503		Quercus agrifolia	X	15	47.1238898	35	20	15			X		4	3	3.5	No	G	5	4.25	7.5	18.75		HDD	15	#N/A	HIGH						SAVE
504	280	Quercus agrifolia	X	27	84.82300165	33	30	35				X	4	4	4	No	G	5	4.5	13.5	33.75		HDD	27	#N/A	HIGH						SAVE
505	294	Quercus lobata	X	10	31.41592654	37	18	22		Severe Decline	X		3	2	2.5	No	M	3	2.75	5	12.5		HDD	10	#N/A	MODERATE						SAVE
506		Quercus lobata	X	14	43.98229715	37	23	27			X		4	3	3.5	No	M	3	3.25	7	17.5		HDD	14	#N/A	MODERATE						SAVE
507		Quercus lobata	X	16	50.26548246	40	35	27			X		4	3	3.5	No	M	3	3.25	8	20		HDD	16	#N/A	MODERATE						SAVE
508		Quercus agrifolia	X	17	53.40707511	30	50	45			X		5	4	4.5	No	G	5	4.75	8.5	21.25		HDD	17	#N/A	HIGH						SAVE
509		Quercus lobata	X	11	34.55751919	7	1	1		Dead	X		1	1	1	No	M	3	2	5.5	13.75		HDD	11	#N/A	LOW						REMOVE
510	307	Quercus lobata		6	18.84955592	22	13	10			X		4	3	3.5	No	M	3	3.25	3	7.5		HDD	6	#N/A	MODERATE						REMOVE
511		Quercus lobata	X	19	59.69026042	37	26	30			X		4	3	3.5	No	M	3	3.25	9.5	23.75		HDD	19	#N/A	MODERATE						SAVE
512		Quercus lobata	X	13	40.8407045	40	25	27			X		4	3	3.5	No	M	3	3.25	6.5	16.25		HDD	13	#N/A	MODERATE						SAVE
513		Quercus agrifolia		3	9.424777961	16	3	5			EXEMPT		4	4	4	No	G	5	4.5	1.5	3.75		HDD	3	#N/A	HIGH						REMOVE
514	306	Quercus lobata		7	21.99114858	33	5	6		Severe Decline	X		3	3	3	No	M	3	3	3.5	8.75		HDD	7	#N/A	MODERATE						REMOVE
515		Quercus agrifolia		9	28.27433388	5	1	1		Dead	X		1	1	1	No	G	5	3	4.5	11.25		HDD	9	#N/A	MODERATE						REMOVE
516		Quercus agrifolia	X	10	31.41592654	33	18	13		Crowded Growing Conditions	X		4	3	3.5	No	G	5	4.25	5	12.5		HDD	10	#N/A	HIGH						SAVE
517		Quercus agrifolia		9	28.27433388	28	15	10		Crowded Growing Conditions	X		4	3	3.5	No	G	5	4.25	4.5	11.25		HDD	9	#N/A	HIGH						REMOVE
518	310	Quercus lobata	X	18	56.54866776	32	18	15		Dead Wood	X		4	3	3.5	No	M	3	3.25	9	22.5		HDD	18	#N/A	MODERATE						REMOVE
519		Quercus agrifolia		5	15.70796327	10	8	7			X		5	4	4.5	No	G	5	4.75	2.5	6.25		HDD	5	#N/A	HIGH						SAVE
520	568	Prunus dulcis		8	25.13274123	15	8	12		Dead	X		1	1	1	No	P-M	2	1.5	4	10		HDD	8	#N/A	LOW						REMOVE
521		Quercus douglasii		7	21.99114858	26	13	6		Severe Decline	X		2	2	2	No	M-G	4	3	3.5	8.75		HDD	7	#N/A	MODERATE						REMOVE
522	315	Quercus agrifolia	X	12	37.69911184	27	20	15			X		4	3	3.5	No	G	5	4.25	6	15		HDD	12	#N/A	HIGH						SAVE
523		Quercus lobata	X	11	34.55751919	24	1	1		Dead	X		1	1	1	No	M	3	2	5.5	13.75		HDD	11	#N/A	LOW						REMOVE
524	314	Quercus agrifolia		6	18.84955592	15	13	10			X		4	3	3.5	No	G	5	4.25	3	7.5		HDD	6	#N/A	HIGH						REMOVE
525		Quercus agrifolia		3	9.424777961	20	3	5			EXEMPT		5	4	4.5	No	G	5	4.75	1.5	3.75		HDD	3	#N/A	HIGH						REMOVE
526	313	Quercus lobata		7	21.99114858	15	1	1		Dead Wood	X		1	1	1	No	M	3	2	3.5	8.75		HDD	7	#N/A	LOW						SAVE
527	328	Quercus agrifolia		8	25.13274123	23	8	13			X		4	4	4	No	G	5	4.5	4	10		HDD	8	#N/A	HIGH						SAVE
528		Quercus agrifolia	X	10	31.41592654	23	10	10			X		4	4	4	No	G	5	4.5	5	12.5		HDD	10	#N/A	HIGH						REMOVE
529		Quercus agrifolia		5	15.70796327	18	10	5			X		4	3	3.5	No	G	5	4.25	2.5	6.25		HDD	5	#N/A	HIGH						SAVE
530	326	Quercus lobata	X	18	56.54866776	36	28	26			X		4	3	3.5	No	M	3	3.25	9	22.5		HDD	18	#N/A	MODERATE						REMOVE
531	325	Quercus agrifolia	X	12	37.69911184	38	12	23			X		4	4	4	No	G	5	4.5	6	15		HDD	12	#N/A	HIGH						REMOVE
532		Quercus lobata		9	28.27433388	31	15	13		Severe Decline	X		3	3	3	No	M	3	3	4.5	11.25		HDD	9	#N/A	MODERATE						SAVE
533		Quercus agrifolia		9	28.27433388	32	22	12			X		3	3	3	No	G	5	4	4.5	11.25		HDD	9	#N/A	HIGH						SAVE
534	318	Quercus lobata	X	12	37.69911184	32	16	10		Dead Wood	X		3	3	3	No	M	3	3	6	15		HDD	12	#N/A	MODERATE						REMOVE
535	319	Quercus agrifolia		8	25.13274123	28	15	12			X		4	3	3.5	No	G	5	4.25	4	10		HDD	8	#N/A	HIGH						SAVE
536	320	Olea europaea		5	15.70796327	31	18	13			X		4	4	4	No	M	3	3.5	2.5	6.25		HDD	5	#N/A	HIGH						REMOVE
537		Olea europaea		4	12.56637061	16	18	16			X		4	2	3	No	M	3	3	2	5		HDD	4	#N/A	MODERATE						REMOVE
538	321	Olea europaea		4	12.56637061	36	20	18			X		4	4	4	No	M	3	3.5	2	5		HDD	4	#N/A	HIGH						REMOVE
539		Quercus agrifolia		4	12.56637061	15	10	10			X		3	3	3	No	G	5	4	2	5		HDD	4	#N/A	HIGH						SAVE
540	322	Quercus lobata	X	13	40.8407045	35	26	28		Poor Tree Structure	X		4	3	3	No	M	3	3	6.5	16.25		HDD	13	#N/A	MODERATE						REMOVE
541		Quercus lobata	X	17	53.40707511	50	33	27		Dead Wood	X		3	3	3	No	M	3	3	8.5	21.25		HDD	17	#N/A	MODERATE						REMOVE
542	587	Quercus agrifolia		7	21.99114858	22	6	13			X		3	2	2.5	No	G	5	3.75	3.5	8.75		HDD	7	#N/A	HIGH						REMOVE
543	329	Quercus lobata		4	12.56637061	24	1	1		Severe Decline	X		2	1	1.5	No	M	3	2.25	2	5		HDD	4	#N/A	LOW						REMOVE
544	330	Quercus agrifolia		7	21.99114858	32	8	6			X		4	4	4	No	G	5	4.5	3.5	8.75		HDD	7	#N/A	HIGH						REMOVE
545		Quercus lobata	X	13	40.8407045	34	1	2		Severe Decline	X		2	1	1.5	No	M	3	2.25	6.5	16.25		HDD	13	#N/A	LOW						REMOVE
546	334	Quercus agrifolia		8	25.13274123	28	12	10			X		4	4	4	No	G	5	4.5	4	10		HDD	8	#N/A	HIGH						REMOVE
547	333	Quercus agrifolia	X	15	47.1238898	42	23	20			X		4	4	4	No	G	5	4.5	7.5	18.75		HDD	15	#N/A	HIGH						REMOVE
548		Quercus lobata	X	11	34.55751919	38	12	8		Severe Decline	X		2	2	2	No	M	3	2.5	5.5	13.75		HDD	11	#N/A	LOW						REMOVE
549		Quercus lobata	X	15	47.1238898	36	20	20		Dead Wood	X		2	3	2.5	No	M	3	2.75	7.5	18.75		HDD	15	#N/A	MODERATE						REMOVE
550	301	Quercus agrifolia		9	28.27433388	22	20	20		Crowded Growing Conditions	X		4	4	4	No	G	5	4.5	4.5	11.25		HDD	9	#N/A	HIGH						REMOVE
551	343	Quercus lobata	X	17	53.40707511	40	34	30		Severe Decline	X		3	3	3	No	M	3	3	8.5	21.25		HDD	17	#N/A	MODERATE						REMOVE
552		Olea europaea		4	12.56637061	17	18	23			X		4	3	3.5	No	M	3	3.25	2	5		HDD	4	#N/A	MODERATE						REMOVE
553	344	Quercus agrifolia	X	12	37.69911184	28	16	15			X		4	4	4	No	G	5	4.5	6	15		HDD	12	#N/A	HIGH						REMOVE
554	609	Quercus agrifolia		8	25.13274123	25	13	11			X		4	4	4	No	G	5	4.5	4	10		HDD	8	#N/A	HIGH						REMOVE
555	345	Quercus agrifolia		9	28.27433388	31	20	18			X		4	4	4	No	G	5	4.5	4.5	11.25		HDD	9	#N/A	HIGH						REMOVE
556	346	Quercus lobata	X	15	47.1238898	42	25	25		Dead Limbs	X		4	3	3	No	M	3	3	7.5	18.75		HDD	15	#N/A	MODERATE						REMOVE
557	347	Quercus lobata	X	18	56.54866776	30	28	31		Dead Limbs	X		4	3	3.5	No	M	3	3.25	9	22.5		HDD	18	#N/A	MODERATE						REMOVE
558	348	Quercus lobata	X	13	40.8407045	27	24	22		Dead Limbs	X		4	3	3.5	No	M	3	3.25	6.5	16.25		HDD	13	#N/A	MODERATE						REMOVE
559		Quercus lobata		9	28.27433388	34	12	6		Severe Decline	X		3	3	3	No	M	3	3	4.5	11.25		HDD	9	#N/A	MODERATE						REMOVE
560		Quercus lobata	X	16	50.26548246	41	27	18			X		4	3	3.5	No	M	3	3.25	8	20		HDD	16	#N/A	MODERATE						REMOVE
561		Olea europaea		8	25.13274123	26	23	20		Severe Decline	X		2	2	2	No	M	3	2.5	4	10		HDD	8	#N/A	LOW						REMOVE
562		Quercus lobata	X	26	81.68140899	48	35	40		Dead Wood		X	4	4	4	No	M	3	3.5	13	32.5		HDD	26	#N/A	HIGH						REMOVE
563	338	Quercus agrifolia		9	28.27433388	30	28	22			X		4	4	4	No	G	5	4.5	4.5	11.25		HDD	9	#N/A	HIGH						REMOVE
564	341	Quercus lobata	X	28	87.9645943	44	40	46				X	3	4	3.5	No	M	3	3.25	14	35		HDD	28	#N/A	MODERATE						REMOVE
565	342	Quercus lobata	X	26	81.68140899	45	35	40		Dead Limbs		X	4	4	4	No	M	3	3.5	13	32.5		HDD	26	#N/A	HIGH						SAVE
566	340	Quercus agrifolia	X	36	113.0973355	42	38	32				X	5	4	4.5	No	G	5	4.75	18	45		HDD	36	#N/A	HIGH						SAVE
567	352	Quercus lobata	X	19	59.69026042	38	20	15		Dead Wood	X		4	3	3.5	No	M	3	3.25	9.5	23.75		HDD	19	#N/A	MODERATE						REMOVE
568	353	Quercus lobata	X	19	59.69026042	36	25	15		Dead Wood	X		4	3	3.5	No	M	3	3.25	9.5	23.75		HDD	19	#N/A	MODERATE						REMOVE
569	351	Quercus lobata	X	35	109.9557429	42	30	30			X		4	4	4	No	M	3	3.25	17.5	43.75		HDD	35	#N/A	MODERATE						SAVE
570	350	Pyrus calleryana		7	21.99114858	25	13	10		Severe Decline	X		2	2	2	No	M	3	2.5	3.5	8.75		HDD	7	#N/A	LOW						REMOVE
571	355	Quercus agrifolia	X	13	40.8407045	35	20	21			X		4	4	4	No	G	5	4.5	6.5	16.25		HDD	13	#N/A	HIGH						REMOVE
572	610	Quercus agrifolia	X	11	34.55751919	24	23	25			X		5	4	4.5	No	G	5	4.75	5.5	13.75		HDD	11	#N/A	HIGH						REMOVE
573	356	Quercus lobata	X	21	65.97344573	44	36	30		Dead Wood	X		4	3	3	No	M	3	3	10.5	26.25		HDD	21	#N/A	MODERATE						REMOVE
574		Quercus agrifolia	X	13	40.8407045	31	25	28		Dead Wood	X		4	4	4	No	G	5	4.5	6.5	16.25		HDD	13	#N/A	HIGH						REMOVE
575		Sambucus neomexicana	X	14	43.98229715	26	25	15		Previous Limb Failure	X		2	2	2	No	G	5	3.5	7	17.5		HDD	14	#N/A	HIGH						REMOVE
576		Quercus agrifolia	X	11	34.55751919	40	10	20			X		4	4	4	No	G	5	4.5	5.5	13.75		HDD	11	#N/A	HIGH						REMOVE
577	85	Quercus agrifolia	X	38	119.3805308	48	40	42				X	5	4	4.5	No	G	5	4.75	19	47.5		HDD	38	#N/A	HIGH						REMOVE
578		Quercus agrifolia		8	25.13274123	28	13	16		Crowded Growing Conditions	X		4	4	4	No	G	5	4.5	4	10		HDD	8	#N/A	HIGH						SAVE
579	84	Sambucus neomexicana	X	10	31.41592654	31	27	23		Poor Tree Structure	X		2	2	2	No	G	5	3.5	5	12.5		HDD	10	#N/A	HIGH						SAVE
580	82	Platanus racemosa	X	27	84.82300165	43	20	45		Sites of Decay		X	3	2	2.5	No	M-G	4	3.25	13.5	33.75		HDD	27	#N/A	MODERATE						SAVE
581		Platanus racemosa	X	34	106.8141502	47	25	30				X	5	4	4.5	No	M-G	4	4.25	17	42.5		HDD	34	#N/A	HIGH						SAVE
582		Platanus racemosa	X	34	106.8141502	60	26	40				X	5	4	4.5	No	M-G	4	4.25	17	42.5		HDD	34	#N/A	HIGH						SAVE
583		Platanus racemosa	X	36	113.0973355	45	30	27				X	4	3	3.5	No	M-G	4	3.75	18	45		HDD	36	#N/A	HIGH

Tree-ID	Existing Tree Tag Number	SPP	protected	DBH_IN	CIRC_IN	HEIGHT_FT	SPREAD N/S_FT	SPREAD E/W_FT	Species Rate To Const Impact	NOTE	PROTECTED	LARGE PROTECTED	HEALTH RATING	STRUCTURE RATING	COND OVRL RATING	ROOTB	Tolerance Rate To Const Impact	construction Numeronym	COND OVRL w Const Impact	CRZ_FT_R ADIUS	TPZ_FT_R ADIUS DBH+15	COND OVRL w Const Impact	MOC	Min Offset_IN	Min Depth_IN	RETENTION RATING	HVWIRES	Inv_Date	INSPECT_ DT	Inspect_ TM	Notes	SAVE, REMOVE, OFF-SITE
601	563	Quercus agrifolia	X	27	84.82300165	30	28	26				X	5	4	4.5	No	G	5	4.75	13.5	33.75		HDD	27	#N/A	HIGH						REMOVE
602	562	Quercus agrifolia	X	18	56.54866776	30	30	27			X		5	4	4.5	No	G	5	4.75	9	22.5		HDD	18	#N/A	HIGH						REMOVE
603		Quercus agrifolia		9	28.27433388	16	10	8			X		5	4	4.5	No	G	5	4.75	4.5	11.25		HDD	9	#N/A	HIGH						REMOVE
604		Pyrus calleryana		5	15.70796327	7	10	5		Severe Decline	X		2	2	2	No	M	3	2.5	2.5	6.25		HDD	5	#N/A	LOW						REMOVE
605		Olea europaea		3	9.424777961	7	10	6			EXEMPT		5	4	4.5	No	M	3	3.75	1.5	3.75		HDD	3	#N/A	HIGH						REMOVE
606	109	Quercus agrifolia	X	21	65.97344573	31	35	33			X		5	5	5	No	G	5	5	10.5	26.25		HDD	21	#N/A	HIGH						REMOVE
607		Quercus agrifolia		4	12.56637061	16	10	10		Severe Decline	X		1	2	1.5	No	G	5	3.25	2	5		HDD	4	#N/A	MODERATE						REMOVE
608		Quercus agrifolia		4	12.56637061	16	10	10		Severe Decline	X		1	2	1.5	No	G	5	3.25	2	5		HDD	4	#N/A	MODERATE						REMOVE
609		Quercus agrifolia		5	15.70796327	16	10	10		Severe Decline	X		1	2	1.5	No	G	5	3.25	2.5	6.25		HDD	5	#N/A	MODERATE						REMOVE
610		Quercus douglasii	X	21	65.97344573	36	28	25		Dead Wood	X		5	4	4	No	M-G	4	4	10.5	26.25		HDD	21	#N/A	HIGH						SAVE
611	111	Quercus agrifolia	X	21	65.97344573	32	37	33			X		5	4	4.5	No	G	5	4.75	10.5	26.25		HDD	21	#N/A	HIGH						SAVE
612		Quercus lobata	X	22	69.11503838	34	38	28		Dead Wood	X		5	4	3	No	M	3	3.25	11	27.5		HDD	22	#N/A	MODERATE						SAVE
613	560	Quercus douglasii	X	12	37.69911184	34	25	23		Dead Limbs	X		5	3	3	No	M-G	4	3.5	6	15		HDD	12	#N/A	HIGH						SAVE
614	559	Quercus agrifolia	X	19	59.69026042	34	27	23			X		5	4	4.5	No	G	5	4.75	9.5	23.75		HDD	19	#N/A	HIGH						SAVE
615	555	Quercus agrifolia	X	12	37.69911184	28	12	10			X		4	4	4	No	G	5	4.5	6	15		HDD	12	#N/A	HIGH						SAVE
616	557	Quercus agrifolia		7	21.99114858	27	5	4			X		4	3	3.5	No	G	5	4.25	3.5	8.75		HDD	7	#N/A	HIGH						SAVE
617	556	Quercus agrifolia		9	28.27433388	25	6	8		Crowded Growing Conditions	X		4	4	4	No	G	5	4.5	4.5	11.25		HDD	9	#N/A	HIGH						SAVE
618		Quercus agrifolia	X	18	56.54866776	37	22	24		Co-Dominant Lead	X		4	4	4	No	G	5	4.5	9	22.5		HDD	18	#N/A	HIGH						SAVE
619		Quercus agrifolia	X	18	56.54866776	30	20	40			X		4	3	3.5	No	G	5	4.25	9	22.5		HDD	18	#N/A	HIGH						SAVE
620	553	Quercus agrifolia	X	14	43.98229715	38	22	23			X		4	4	4	No	G	5	4.5	7	17.5		HDD	14	#N/A	HIGH						SAVE
621		Quercus agrifolia		6	18.84955592	35	10	8			X		4	4	4	No	G	5	4.5	3	7.5		HDD	6	#N/A	HIGH						SAVE
622		Quercus agrifolia		4	12.56637061	14	10	10		Dead	X		1	3	2	No	G	5	3.5	2	5		HDD	4	#N/A	HIGH						REMOVE
623	552	Quercus agrifolia	X	24	75.39822369	34	30	28				X	5	4	4.5	No	G	5	4.75	12	30		HDD	24	#N/A	HIGH						SAVE
624		Olea europaea		4	12.56637061	20	10	15			X		4	3	3.5	No	M	3	3.25	2	5		HDD	4	#N/A	MODERATE						SAVE
625	551	Quercus agrifolia	X	19	59.69026042	36	25	23			X		5	4	4.5	No	G	5	4.75	9.5	23.75		HDD	19	#N/A	HIGH						SAVE
626	550	Quercus douglasii	X	25	78.53981634	40	28	37				X	4	3	3.5	No	M-G	4	3.75	12.5	31.25		HDD	25	#N/A	HIGH						SAVE
627		Quercus agrifolia	X	12	37.69911184	30	12	12			X		4	3	3.5	No	G	5	4.25	6	15		HDD	12	#N/A	HIGH						SAVE
628		Quercus agrifolia		6	18.84955592	13	8	8			X		5	5	5	No	G	5	5	3	7.5		HDD	6	#N/A	HIGH						SAVE
629		Quercus agrifolia	X	12	37.69911184	16	10	13			X		5	5	5	No	G	5	5	6	15		HDD	12	#N/A	HIGH						REMOVE
630		Quercus agrifolia		8	25.13274123	13	7	8			X		5	5	5	No	G	5	5	4	10		HDD	8	#N/A	HIGH						REMOVE
631	548	Quercus agrifolia	X	17	53.40707511	32	30	33			X		5	5	5	No	G	5	5	8.5	21.25		HDD	17	#N/A	HIGH						REMOVE
632	134	Quercus lobata	X	39	122.5221135	45	48	33		Dead Limbs		X	4	3	3.5	No	M	3	3.25	19.5	48.75		HDD	39	#N/A	MODERATE						SAVE
633	382	Quercus lobata		9	28.27433388	27	8	5		Multiple Leaders	X		4	3	3	No	M	3	3	4.5	11.25		HDD	9	#N/A	MODERATE						SAVE
634		Quercus agrifolia		7	21.99114858	18	16	20			X		5	5	5	No	G	5	5	3.5	8.75		HDD	7	#N/A	HIGH						SAVE
635	136	Quercus lobata	X	12	37.69911184	27	23	16			X		4	4	4	No	M	3	3.5	6	15		HDD	12	#N/A	HIGH						REMOVE
636		Prunus domestica		5	15.70796327	10	12	4		Severe Decline	X		1	2	1.5	No	P-M	2	1.75	2.5	6.25		HDD	5	#N/A	LOW						REMOVE
637		Prunus domestica		4	12.56637061	8	8	4		Severe Decline	X		1	1	1	No	P-M	2	1.5	2	5		HDD	4	#N/A	LOW						SAVE
638		Olea europaea		5	15.70796327	15	12	15			X		5	5	5	No	M	3	4	2.5	6.25		HDD	5	#N/A	HIGH						REMOVE
639		Prunus domestica		4	12.56637061	6	4	3		Canker	X		1	1	1	No	P-M	2	1.5	2	5		HDD	4	#N/A	LOW						SAVE
640		Prunus domestica		3	9.424777961	5	8	8		Dead	EXEMPT		1	1	1	No	P-M	2	1.5	1.5	3.75		HDD	3	#N/A	LOW						REMOVE
641		Prunus domestica		3	9.424777961	5	8	2		Dead	EXEMPT		1	1	1	No	P-M	2	1.5	1.5	3.75		HDD	3	#N/A	LOW						REMOVE
642		Prunus domestica		3	9.424777961	8	6	4		Drought Stress	EXEMPT		2	1	1.5	No	P-M	2	1.75	1.5	3.75		HDD	3	#N/A	LOW						REMOVE
643	142	Prunus domestica		4	12.56637061	7	4	4		Canker	X		2	1	1.5	No	P-M	2	1.75	2	5		HDD	4	#N/A	LOW						REMOVE
644		Quercus agrifolia	X	14	43.98229715	15	17	22			X		5	5	5	No	G	5	5	7	17.5		HDD	14	#N/A	HIGH						SAVE
645		Prunus domestica		5	15.70796327	16	8	20		Dead	X		1	2	1.5	No	P-M	2	1.75	2.5	6.25		HDD	5	#N/A	LOW						REMOVE
646		Quercus agrifolia		8	25.13274123	15	13	20			X		5	5	5	No	G	5	5	4	10		HDD	8	#N/A	HIGH						SAVE
647		Prunus dulcis		9	28.27433388	16	15	13		Dead	X		1	1	1	No	P-M	2	1.5	4.5	11.25		HDD	9	#N/A	LOW						REMOVE
648		Phoenix dactylifera	X	44	138.2300768	24	20	25				X	5	5	5	No	M-G	4	4.5	22	55		HDD	44	#N/A	HIGH						OFF-SITE
649	572	Juniperus chinensis	X	23	72.25663103	24	22	21			X		5	4	4.5	No	G	5	4.75	11.5	28.75		HDD	23	#N/A	HIGH						OFF-SITE
650	299	Quercus agrifolia	X	28	87.9645943	62	60	40		Dead		X	5	5	5	No	G	5	5	14	35		HDD	28	#N/A	HIGH						SAVE
651		Quercus agrifolia	X	17	53.40707511	26	30	28			X		5	4	4.5	No	G	5	4.75	8.5	21.25		HDD	17	#N/A	HIGH						SAVE
652		Quercus lobata	X	15	47.1238898	26	15	15			X		3	2	2.5	No	M	3	2.75	7.5	18.75		HDD	15	#N/A	MODERATE						SAVE
653		Stump		9	28.27433388	1	0	0		Possible PG&E removal	X		1	1	1	No	0	Unknown	#VALUE!	4.5	11.25		HDD	9	#N/A	#VALUE!						SAVE
654	59	Stump		6	18.84955592	1	0	0		Possible PG&E removal	X		1	1	1	No	0	Unknown	#VALUE!	3	7.5		HDD	6	#N/A	#VALUE!						SAVE
655	53	Stump		6	18.84955592	1	0	0		Possible PG&E removal	X		1	1	1	No	0	Unknown	#VALUE!	3	7.5		HDD	6	#N/A	#VALUE!						SAVE
656	60	Stump		6	18.84955592	1	0	0		Possible PG&E removal	X		1	1	1	No	0	Unknown	#VALUE!	3	7.5		HDD	6	#N/A	#VALUE!						SAVE
657	57	Stump	X	15	47.1238898	1	0	0		Possible PG&E removal	X		1	1	1	No	0	Unknown	#VALUE!	7.5	18.75		HDD	15	#N/A	#VALUE!						SAVE
658	578	Stump	X	11	34.55751919	1	0	0		Possible PG&E removal	X		1	1	1	No	0	Unknown	#VALUE!	5.5	13.75		HDD	11	#N/A	#VALUE!						SAVE
659		Stump	X	17	53.40707511	1	0	0		Possible PG&E removal	X		1	1	1	No	0	Unknown	#VALUE!	8.5	21.25		HDD	17	#N/A	#VALUE!						SAVE
660		Quercus agrifolia	X	20	62.83185307	50	35	35			X		4	4	4	No	G	5	4.5	10	25		HDD	20	#N/A	HIGH						REMOVE
661		Quercus agrifolia	X	20	62.83185307	40	30	30			X		4	4	4	No	G	5	4.5	10	25		HDD	20	#N/A	HIGH						OFF SITE
662		Quercus agrifolia	X	22	69.11503838	68	30	25		Leaning Tree	X		4	3	3.5	No	G	5	4.25	11	27.5		HDD	22	#N/A	HIGH						OFF SITE
663		Aesculus californica		7	21.99114858	28	30	15			X		4	3	3.5	No	G	5	4.25	3.5	8.75		HDD	7	#N/A	HIGH						OFF SITE
664		Quercus lobata	X	45	141.3716694	73	62	65		Dead Limbs		X	3	3	3	No	M	3	3	22.5	56.25		HDD	45	#N/A	MODERATE						OFF SITE
665		Quercus agrifolia	X	24	75.39822369	68	40	40				X	4	4	4	No	G	5	4.5	12	30		HDD	24	#N/A	HIGH						OFF SITE
666		Quercus agrifolia	X	16	50.26548246	50	35	35			X		4	4	4	No	G	5	4.5	8	20		HDD	16	#N/A	HIGH						OFF SITE
667		Magnolia grandiflora		7	21.99114858	17	10	13		City Street Tree	X		2	2	2	No	M-G	4	3	3.5	8.75		HDD	7	#N/A	MODERATE						REMOVE
668		Quercus lobata		6	18.84955592	24	8	15			X		3	3	3	No	M	3	3	3	7.5		HDD	6	#N/A	MODERATE						OFF-SITE
669		Quercus agrifolia	X	10	31.41592654	25	16	20			X		4	4	4	No	G	5	4.5	5	12.5		HDD	10	#N/A	HIGH						OFF-SITE
670	590	Pinus radiata	X	50	157.0796327	50	36	36		Dead Limbs, Severed roots on		X	2	3	2.5	No	M-G	4	3.25	25	62.5		HDD	50	#N/A	MODERATE						SAVE
671		Quercus agrifolia		9	28.27433388	19	15	15			X		4	4	4	No	G	5	4.5	4.5	11.25		HDD	9	#N/A	HIGH						OFF-SITE
672		Eucalyptus globulus	X	25	78.53981634	45	15	33		Severe Decline		X	1	3	2	No	M	3	2.5	12.5	31.25		HDD	25	#N/A	LOW						OFF-SITE
673		Quercus agrifolia		9	28.27433388	17	15	16			X		4	4	4	No	G	5	4.5	4.5	11.25		HDD	9	#N/A	HIGH						OFF-SITE
674		Quercus lobata		6	18.84955592	17	10	12			X		3	3	3	No	M	3	3	3	7.5		HDD	6	#N/A	MODERATE						OFF-SITE
675		Quercus agrifolia	X	30	94.24777961	32	30	50		Leaning Tree		X	4	3	3.5	No	G	5	4.25	15	37.5		HDD	30	#N/A	HIGH						SAVE
676	598	Quercus agrifolia	X	34	106.8141502	36	50	50				X	4	4	4	No	G	5	4.5	17	42.5		HDD	34	#N/A	HIGH						OFF-SITE
677		Quercus lobata	X	40	125.6637061	50	50	40		Dead Limbs		X	3	3	3	No	M	3	3	20	50		HDD	40	#N/A	MODERATE						OFF-SITE

Land Use Entitlements
Land Planning
Landscape Architecture
Civil Engineering
Utility Design
Land Surveying
Stormwater Compliance

1570 Oakland Road (408) 487-2200
San Jose, CA 95131 HMHca.com

SURREY FARMS ESTATES
TWIN OAKS DRIVE, LOS GATOS
DEVELOPMENT REVIEW PLAN SET

NO	DATE	DESCRIPTION
6	10/17/2025	PER CITY COMMENTS
5	9/15/2025	PER CITY COMMENTS
4	7/25/2025	PER CITY COMMENTS
3	4/18/2025	PER CITY COMMENTS
2	3/31/2025	PER CITY COMMENTS
1	1/8/2025	PER CITY COMMENTS

PROJECT NO:	4185.10
CAD DWG FILE:	418510CL- OVERALL.DWG
DESIGNED BY:	HMH
DRAWN BY:	JN
CHECKED BY:	ST
DATE:	JUNE 6, 2025
SCALE:	NONE

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TREE EVALUATION TABLE

T-7

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PLOTTED: 10/16/2025 12:32 PM

TREE APPRAISAL TABLE
REPRODUCTION METHOD - TRUNK FORMULA TECHNIQUE

SUBJECT TREE										REPLACEMENT TREE				CALCULATIONS			ADDITIONAL COSTS	TOTAL	
TREE #	BOTANICAL NAME	COMMON NAME	DBH (IN)	CROSS-SECTIONAL AREA =(DBH)^2*0.7854	HEALTH %	STRUCTURE %	FORM %	CONDITION %	FUNCTIONAL LIMITATIONS %	EXTERNAL LIMITATIONS %	LCANT	(RTD) REPLACEMENT TREE DIAMETER (IN)	CROSS-SECTIONAL AREA =(RTD)^2*0.7854	REPLACEMENT TREE COST	UNIT TREE COST	BASIC REPRODUCTION COST	DEPRECIATED REPRODUCTION COST	TOTAL ADDITIONAL COSTS	TOTAL REPRODUCTION COST - ROUNDED	SAVE, REMOVE, OFF-SITE
1	Calocedrus decurrens	Incense Cedar	11.0	95.03	50	70	80	67%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,341	$ 600.00	$ 1,900	REMOVE
2	Calocedrus decurrens	Incense Cedar	11.0	95.03	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,843	$ 600.00	$ 2,400	OFF-SITE
3	Quercus agrifolia	Coast Live Oak	6.0	28.27	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 548	$ 600.00	$ 1,100	OFF-SITE
4	Quercus agrifolia	Coast Live Oak	18.0	254.47	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 4,263	$ 600.00	$ 4,900	OFF-SITE
5	Not Used																			
6	Quercus agrifolia	Coast Live Oak	24.0	452.39	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 11,966.76	$ 8,776	$ 600.00	$ 9,400	OFF-SITE
7	Quercus lobata	Valley Oak	8.0	50.27	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 842	$ 600.00	$ 1,400	OFF-SITE
8	Calocedrus decurrens	Incense Cedar	6.0	28.27	30	50	80	53%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 319	$ 600.00	$ 900	REMOVE
9	Quercus agrifolia	Coast Live Oak	6.0	28.27	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 469	$ 600.00	$ 1,100	OFF-SITE
10	Quercus agrifolia	Coast Live Oak	13.0	132.73	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 2,575	$ 600.00	$ 3,200	OFF-SITE
11	Calocedrus decurrens	Incense Cedar	6.0	28.27	70	30	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 374	$ 600.00	$ 1,000	REMOVE
12	Calocedrus decurrens	Incense Cedar	8.0	50.27	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 576	$ 600.00	$ 1,200	REMOVE
13	Calocedrus decurrens	Incense Cedar	9.0	63.62	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.63	$ 729	$ 600.00	$ 1,300	REMOVE
14	Quercus agrifolia	Coast Live Oak	8.0	50.27	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 975	$ 600.00	$ 1,600	OFF-SITE
15	Quercus agrifolia	Coast Live Oak	5.0	19.64	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 364	$ 600.00	$ 1,000	OFF-SITE
16	Quercus agrifolia	Coast Live Oak	5.0	19.64	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 364	$ 600.00	$ 1,000	OFF-SITE
17	Quercus agrifolia	Coast Live Oak	5.0	19.64	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 364	$ 600.00	$ 1,000	OFF-SITE
18	Quercus agrifolia	Coast Live Oak	5.0	19.64	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 381	$ 600.00	$ 1,000	OFF-SITE
19	Calocedrus decurrens	Incense Cedar	13.0	132.73	50	70	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 2,341	$ 600.00	$ 2,900	REMOVE
20	Calocedrus decurrens	Incense Cedar	8.0	50.27	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 798	$ 600.00	$ 1,400	REMOVE
21	Calocedrus decurrens	Incense Cedar	11.0	95.03	50	70	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,676	$ 600.00	$ 2,300	REMOVE
22	Calocedrus decurrens	Incense Cedar	12.0	113.10	50	70	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 1,994	$ 600.00	$ 2,600	REMOVE
23	Quercus agrifolia	Coast Live Oak	21.0	346.36	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 9,162.05	$ 6,719	$ 600.00	$ 7,300	OFF-SITE
24	Quercus agrifolia	Coast Live Oak	6.0	28.27	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 524	$ 600.00	$ 1,100	OFF-SITE
25	Quercus agrifolia	Coast Live Oak	14.0	153.94	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 2,986	$ 600.00	$ 3,600	OFF-SITE
26	Quercus agrifolia	Coast Live Oak	9.0	63.62	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.63	$ 1,066	$ 600.00	$ 1,700	OFF-SITE
27	Calocedrus decurrens	Incense Cedar	8.0	50.27	50	70	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 886	$ 600.00	$ 1,500	REMOVE
28	Calocedrus decurrens	Incense Cedar	9.0	63.62	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.63	$ 1,178	$ 600.00	$ 1,800	REMOVE
29	Calocedrus decurrens	Incense Cedar	11.0	95.03	50	30	80	53%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,341	$ 600.00	$ 1,900	REMOVE
30	Quercus agrifolia	Coast Live Oak	7.0	38.48	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ 747	$ 600.00	$ 1,300	OFF-SITE
31	Quercus lobata	Valley Oak	6.0	28.27	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 424	$ 600.00	$ 1,000	OFF-SITE
32	Quercus agrifolia	Coast Live Oak	18.0	254.47	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 4,936	$ 600.00	$ 5,500	OFF-SITE
33	Quercus lobata	Valley Oak	8.0	50.27	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 798	$ 600.00	$ 1,400	OFF-SITE
34	Quercus agrifolia	Coast Live Oak	4.0	12.57	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 188	$ 600.00	$ 800	OFF-SITE
35	Pinus halepensis	Aleppo Pine	22.0	380.13	70	70	80	73%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,055.40	$ 5,899	$ 600.00	$ 6,500	REMOVE
36	Cupressus macrocarpa	Monterey Cypress	7.0	38.48	70	70	80	73%	80%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 2,929.69	$ 1,719	$ 600.00	$ 2,300	REMOVE
37	Ligustrum japonicum	Japanese Privet	4.0	12.57	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 199	$ 600.00	$ 800	REMOVE
38	Quercus lobata	Valley Oak	6.0	28.27	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 449	$ 600.00	$ 1,000	REMOVE
39	Quercus lobata	Valley Oak	19.0	283.53	70	70	80	73%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 4,400	$ 600.00	$ 5,000	REMOVE
40	Calocedrus decurrens	Incense Cedar	7.0	38.48	30	70	80	60%	100%	100%	24" Box	3.8	3.8	$ 300.00	$ 78.95	$ 3,038.26	$ 1,823	$ 600.00	$ 2,400	REMOVE
41	Quercus agrifolia	Coast Live Oak	17.0	226.98	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 4,403	$ 600.00	$ 5,000	SAVE
42	Calocedrus decurrens	Incense Cedar	4.0	12.57	10	50	50	37%	100%	100%	24" Box	3.8	3.8	$ 300.00	$ 78.95	$ 992.08	$ 364	$ 600.00	$ 1,000	SAVE
43	Quercus agrifolia	Coast Live Oak	14.0	153.94	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 2,443	$ 600.00	$ 3,000	REMOVE
44	Quercus agrifolia	Coast Live Oak	6.0	28.27	30	30	70	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 324	$ 600.00	$ 900	REMOVE
45	Quercus agrifolia	Coast Live Oak	8.0	50.27	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 753	$ 600.00	$ 1,400	REMOVE
46	Quercus agrifolia	Coast Live Oak	7.0	38.48	30	50	70	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ 509	$ 600.00	$ 1,100	SAVE
47	Quercus agrifolia	Coast Live Oak	4.0	12.57	50	30	70	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 166	$ 600.00	$ 800	REMOVE
48	Quercus agrifolia	Coast Live Oak	21.0	346.36	30	50	80	53%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 9,162.05	$ 4,886	$ 600.00	$ 5,500	REMOVE
49	Quercus agrifolia	Coast Live Oak	4.0	12.57	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 188	$ 600.00	$ 800	SAVE
50	Pinus halepensis	Aleppo Pine	6.0	28.27	50	30	80	53%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 399	$ 600.00	$ 1,000	OFF-SITE
51	Calocedrus decurrens	Incense Cedar	5.0	19.64	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 381	$ 600.00	$ 1,000	OFF-SITE
52	Juglans regia	English Walnut	8.0	50.27	10	30	70	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 488	$ 600.00	$ 1,100	SAVE
53	Juglans hindsii	California Black Walnut	20.0	314.16	30	30	70	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 8,310.25	$ 3,601	$ 600.00	$ 4,200	REMOVE
54	Pinus halepensis	Aleppo Pine	17.0	226.98	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 2,602	$ 600.00	$ 3,200	SAVE
55	Calocedrus decurrens	Incense Cedar	3.0	7.07	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 186.98	$ 137	$ 600.00	$ 700	REMOVE
56	Quercus lobata	Valley Oak	22.0	380.13	50	70	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,055.40	$ 6,704	$ 600.00	$ 7,300	REMOVE
57	Quercus agrifolia	Coast Live Oak	24.0	452.39	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 11,966.76	$ 8,776	$ 600.00	$ 9,400	SAVE
58	Quercus agrifolia	Coast Live Oak	8.0	50.27	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ -	$ 600.00	$ 600	REMOVE
59	Quercus agrifolia	Coast Live Oak	6.0	28.27	30	50	70	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 374	$ 600.00	$ 1,000	SAVE
60	Quercus agrifolia	Coast Live Oak	26.0	530.93	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 14,044.32	$ 9,363	$ 600.00	$ 10,000	SAVE
61	Aesculus californica	California Buckeye	7.0	38.48	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ -	$ 600.00	$ 600	OFF-SITE
62	Quercus agrifolia	Coast Live Oak	13.0	132.73	90	90	80	87%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 3,043	$ 600.00	$ 3,600	OFF-SITE
63	Quercus agrifolia	Coast Live Oak	23.0	415.48	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,990.30	$ 7,327	$ 600.00	$ 7,900	OFF-SITE
64	Quercus lobata	Valley Oak	20.0	314.16	10	30	50	30%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 8,310.25	$ 2,493	$ 600.00	$ 3,100	SAVE
65	Quercus agrifolia	Coast Live Oak	30.0	706.86	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 18,698.06	$ 14,958	$ 600.00	$ 15,600	REMOVE
66	Quercus agrifolia	Coast Live Oak	15.0	176.72	10	50	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 1,714	$ 600.00	$ 2,300	REMOVE
67	Quercus agrifolia	Coast Live Oak	16.0	201.06	30	30	70	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 2,305	$ 600.00	$ 2,900	REMOVE
68	Quercus agrifolia	Coast Live Oak	15.0	176.72	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 3,272	$ 600.00	$ 3,900	REMOVE
69	Quercus agrifolia	Coast Live Oak	12.0	113.10	50	30	80	53%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 1,596	$ 600.00	$ 2,200	REMOVE
70	Quercus agrifolia	Coast Live Oak	16.0	201.06	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 3,900	$ 600.00	$ 4,500	REMOVE
71	Quercus agrifolia	Coast Live Oak	17.0	226.98	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 4,203	$ 600.00	$ 4,800	REMOVE
72	Quercus agrifolia	Coast Live Oak	16.0	201.06	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 3,368	$ 600.00	$ 4,000	REMOVE
73	Quercus lobata	Valley Oak	19.0	283.53	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 4,750	$ 600.00	$ 5,400	REMOVE
74	Quercus lobata	Valley Oak	19.0	283.53	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 4,750	$ 600.00	$ 5,400	REMOVE
75	Quercus lobata	Valley Oak	9.0	63.62	50	70	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.63	$ 1,066	$ 600.00	$ 1,700	SAVE
76	Quercus agrifolia	Coast Live Oak	10.0	78.54	90	90	80	87%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 1,801	$ 600.00	$ 2,400	OFF-SITE
77	Olea europaea	Olive	3.0	7.07	30	30	70	43%	70%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 186.98	$ 57	$ 600.00	$ 700	OFF-SITE
78	Olea europaea	Olive	8.0	50.27	70	50	80	67%	70%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 620	$ 600.00	$ 1,200	OFF-SITE
79	Quercus lobata	Valley Oak	15.0	176.72	10	30	70	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 1,714	$ 600.00	$ 2,300	OFF-SITE
80	Quercus agrifolia	Coast Live Oak	19.0	283.53	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 5,000	$ 600.00	$ 5,600	REMOVE
81	Quercus lobata	Valley Oak	25.0	490.88	50	30	70	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 12,984.76	$ 6,492	$ 600.00	$ 7,100	REMOVE
82	Quercus lobata	Valley Oak	10.0	78.54	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 1,177	$ 600.00	$ 1,800	REMOVE
83	Quercus lobata	Valley Oak	5.0	19.64	30	50	70	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 260	$ 600.00	$ 900	SAVE
84	Quercus lobata	Valley Oak	13.0	132.73	50	30	70	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 1,756	$ 600.00	$ 2,400	REMOVE
85	Quercus lobata	Valley Oak	16.0	201.06	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 3,546	$ 600.00	$ 4,100	REMOVE
86	Quercus agrifolia	Coast Live Oak	8.0	50.27	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 931	$ 600.00	$ 1,500	REMOVE
87	Quercus agrifolia	Coast Live Oak	5.0	19.64	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 294	$ 600.00	$ 900	REMOVE
88	Quercus agrifolia	Coast Live Oak	7.0	38.48	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ 577	$ 600.00	$ 1,200	REMOVE
89	Quercus agrifolia	Coast Live Oak	18.0	254.47	50	30	60	47%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 3,141	$ 600.00	$ 3,700	REMOVE
90	Quercus agrifolia	Coast Live Oak	19.0	283.53	70	50	60	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 4,500	$ 600.00	$ 5,100	REMOVE
91	Quercus agrifolia	Coast Live Oak	14.0	153.94	90	70	70	77%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 3,122	$ 600.00	$ 3,700	REMOVE
92	Quercus agrifolia	Coast Live Oak	12.0	113.10	90	70	70	77%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 2,294	$ 600.00	$ 2,900	REMOVE
93	Quercus agrifolia	Coast Live Oak	9.0	63.62	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.63	$ 1,234	$ 600.00	$ 1,800	REMOVE
94	Quercus lobata	Valley Oak	18.0	254.47	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 4,936	$ 600.00	$ 5,500	REMOVE
95	Quercus agrifolia	Coast Live Oak	3.0	7.07	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 186.98	$ 112	$ 600.00	$ 700	REMOVE
96	Quercus agrifolia	Coast Live Oak	14.0	153.94	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 2,443	$ 600.00	$ 3,000	REMOVE
97	Quercus agrifolia	Coast Live Oak	7.0	38.48	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ 679	$ 600.00	$ 1,300	REMOVE
98	Quercus agrifolia	Coast Live Oak	9.0	63.62	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.63	$ 1,010	$ 600.00	$ 1,600	REMOVE
99	Quercus agrifolia	Coast Live Oak	5.0	19.64	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 260	$ 600.00	$ 900	REMOVE
100	Quercus agrifolia	Coast Live Oak	5.0	19.64	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 381	$ 600.00	$ 1,000	REMOVE
101	Quercus lobata	Valley Oak	19.0	283.53	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 5,250	$ 600.00	$ 5,900	REMOVE
102	Quercus agrifolia	Coast Live Oak	13.0	132.73	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 2,809	$ 600.00	$ 3,400	REMOVE
103	Quercus lobata	Valley Oak	26.0	530.93	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 14,044.32	$ 10,299	$ 600.00	$ 10,900	REMOVE
104	Quercus agrifolia	Coast Live Oak	10.0	78.54	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 1,385	$ 600.00	$ 2,000	REMOVE
105	Quercus agrifolia	Coast Live Oak	6.0	28.27	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 598	$ 600.00	$ 1,200	REMOVE
106	Quercus agrifolia	Coast Live Oak	23.0	415.48	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,990.30	$ 8,792	$ 600.00	$ 9,400	REMOVE
107	Quercus lobata	Valley Oak	10.0	78.54	50	70	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 1,316	$ 600.00	$ 1,900	REMOVE
108	Quercus agrifolia	Coast Live Oak	13.0	132.73	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 1,756	$ 600.00	$ 2,400	REMOVE
109	Quercus lobata	Valley Oak	10.0	78.54	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 900	$ 600.00	$ 1,500	REMOVE
110	Quercus agrifolia	Coast Live Oak	4.0	12.57	90	50	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 233	$ 600.00	$ 800	REMOVE
111	Quercus agrifolia	Coast Live Oak	8.0	50.27	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 931	$ 600.00	$ 1,500	REMOVE
112	Quercus agrifolia	Coast Live Oak	14.0	153.94	50	70	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 2,579	$ 600.00	$ 3,200	REMOVE
113	Quercus agrifolia	Coast Live Oak	11.0	95.03	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ -	$ 600.00	$ 600	REMOVE
114	Quercus agrifolia	Coast Live Oak	5.0	19.64	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 260	$ 600.00	$ 900	REMOVE
115	Quercus lobata	Valley Oak	4.0	12.57	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 199	$ 600.00	$ 800	REMOVE
116	Quercus agrifolia	Coast Live Oak	5.0	19.64	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 329	$ 600.00	$ 900	REMOVE
117	Quercus agrifolia	Coast Live Oak	10.0	78.54	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 1,524	$ 600.00	$ 2,100	REMOVE
118	Quercus agrifolia	Coast Live Oak	20.0	314.16	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 8,310.25	$ 5,817	$ 600.00	$ 6,

SUBJECT TREE										REPLACEMENT TREE				CALCULATIONS			ADDITIONAL COSTS	TOTAL	
TREE #	BOTANICAL NAME	COMMON NAME	DBH (IN)	CROSS-SECTIONAL AREA =((dbh/2)^2)*3.7854	HEALTH %	STRUCTURE %	FORM %	CONDITION %	FUNCTIONAL LIMITATIONS %	EXTERNAL LIMITATIONS %	# LCANT	((RTD) REPLACEMENT TREE DIAMETER (IN)	CROSS-SECTIONAL AREA =((RTD^2)/2)*3.7854	REPLACEMENT TREE COST	UNIT TREE COST	BASIC REPRODUCTION COST	DEPRECIATED REPRODUCTION COST	TOTAL ADDITIONAL COSTS	TOTAL REPRODUCTION COST - ROUNDED	SAVE, REMOVE, OFF-SITE
182	Pinus brutia var. eldarica	Afghan Pine	9.0	63.62	30	30	50	37%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 494	$ 600.00	$ 1,100	SAVE
183	Pinus brutia var. eldarica	Afghan Pine	11.0	95.03	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,089	$ 600.00	$ 1,700	SAVE
184	Pinus brutia var. eldarica	Afghan Pine	14.0	153.94	30	30	50	37%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 1,194	$ 600.00	$ 1,800	SAVE
185	Pinus brutia var. eldarica	Afghan Pine	6.0	28.27	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 324	$ 600.00	$ 900	SAVE
186	Pinus brutia var. eldarica	Afghan Pine	7.0	38.48	30	30	30	30%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ 244	$ 600.00	$ 800	SAVE
187	Pinus brutia var. eldarica	Afghan Pine	11.0	95.03	70	50	50	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,425	$ 600.00	$ 2,000	SAVE
188	Pinus brutia var. eldarica	Afghan Pine	11.0	95.03	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,089	$ 600.00	$ 1,700	SAVE
189	Pinus brutia var. eldarica	Afghan Pine	10.0	78.54	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 1,454	$ 600.00	$ 2,100	SAVE
190	Pinus brutia var. eldarica	Afghan Pine	11.0	95.03	50	30	50	43%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 871	$ 600.00	$ 1,500	REMOVE
191	Pinus brutia var. eldarica	Afghan Pine	4.0	12.57	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 122	$ 600.00	$ 700	REMOVE
192	Pinus brutia var. eldarica	Afghan Pine	18.0	254.47	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 4,936	$ 600.00	$ 5,500	SAVE
193	Pinus brutia var. eldarica	Afghan Pine	5.0	19.64	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 381	$ 600.00	$ 1,000	SAVE
194	Calocedrus decurrens	Incense Cedar	8.0	50.27	70	70	80	73%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 780	$ 600.00	$ 1,400	SAVE
195	Pinus brutia var. eldarica	Afghan Pine	13.0	132.73	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 2,341	$ 600.00	$ 2,900	SAVE
196	Calocedrus decurrens	Incense Cedar	8.0	50.27	90	90	80	87%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 922	$ 600.00	$ 1,500	SAVE
197	Calocedrus decurrens	Incense Cedar	6.0	28.27	30	30	80	47%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 279	$ 600.00	$ 900	SAVE
198	Not Used																			
199	Pinus brutia var. eldarica	Afghan Pine	11.0	95.03	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,843	$ 600.00	$ 2,400	SAVE
200	Pinus brutia var. eldarica	Afghan Pine	12.0	113.10	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 2,184	$ 600.00	$ 2,800	SAVE
201	Not Used																			
202	Quercus lobata	Valley Oak	60.0	2827.44	70	50	80	67%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 74,792.24	$ 39,889	$ 600.00	$ 40,500	SAVE
203	Quercus lobata	Valley Oak	17.0	226.98	50	70	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 4,003	$ 600.00	$ 4,600	REMOVE
204	Quercus lobata	Valley Oak	10.0	78.54	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 1,385	$ 600.00	$ 2,000	REMOVE
205	Quercus lobata	Valley Oak	7.0	38.48	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ 373	$ 600.00	$ 1,000	REMOVE
206	Quercus lobata	Valley Oak	21.0	346.36	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 9,162.05	$ 4,581	$ 600.00	$ 5,200	SAVE
207	Quercus agrifolia	Coast Live Oak	9.0	63.62	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 1,515	$ 600.00	$ 2,100	SAVE
208	Quercus lobata	Valley Oak	11.0	95.03	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,508	$ 600.00	$ 2,100	SAVE
209	Quercus agrifolia	Coast Live Oak	28.0	615.75	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 16,288.09	$ 10,859	$ 600.00	$ 11,500	SAVE
210	Quercus lobata	Valley Oak	18.0	254.47	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 2,468	$ 600.00	$ 3,100	SAVE
211	Quercus lobata	Valley Oak	32.0	804.25	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 21,274.24	$ 12,765	$ 600.00	$ 13,400	SAVE
212	Olea europaea	Olive	10.0	78.54	50	50	80	60%	70%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 873	$ 600.00	$ 1,500	SAVE
213	Olea europaea	Olive	12.0	113.10	50	30	50	43%	70%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 907	$ 600.00	$ 1,500	SAVE
214	Quercus lobata	Valley Oak	11.0	95.03	30	30	50	37%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 737	$ 600.00	$ 1,300	SAVE
215	Olea europaea	Olive	9.0	63.62	70	50	80	67%	70%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 785	$ 600.00	$ 1,400	SAVE
216	Quercus agrifolia	Coast Live Oak	20.0	314.16	50	30	80	53%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 8,310.25	$ 3,546	$ 600.00	$ 4,100	SAVE
217	Quercus lobata	Valley Oak	35.0	962.12	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 25,450.14	$ 18,663	$ 600.00	$ 19,300	SAVE
218	Olea europaea	Olive	5.0	19.64	50	50	80	60%	70%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 218	$ 600.00	$ 800	SAVE
219	Quercus lobata	Valley Oak	9.0	63.62	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 617	$ 600.00	$ 1,200	SAVE
220	Quercus lobata	Valley Oak	9.0	63.62	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ -	$ 600.00	$ 600	REMOVE
221	Quercus lobata	Valley Oak	13.0	132.73	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 1,287	$ 600.00	$ 1,900	SAVE
222	Quercus lobata	Valley Oak	19.0	283.53	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 4,500	$ 600.00	$ 5,100	SAVE
223	Quercus lobata	Valley Oak	23.0	415.48	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,990.30	$ 7,327	$ 600.00	$ 7,900	SAVE
224	Quercus lobata	Valley Oak	10.0	78.54	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 762	$ 600.00	$ 1,400	SAVE
225	Quercus lobata	Valley Oak	11.0	95.03	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 922	$ 600.00	$ 1,500	SAVE
226	Quercus lobata	Valley Oak	13.0	132.73	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 1,521	$ 600.00	$ 2,100	SAVE
227	Quercus lobata	Valley Oak	28.0	615.75	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 16,288.09	$ 11,945	$ 600.00	$ 12,500	SAVE
228	Quercus lobata	Valley Oak	17.5	240.53	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,362.53	$ 3,181	$ 600.00	$ 3,800	SAVE
229	Quercus lobata	Valley Oak	24.0	452.39	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 11,966.76	$ 6,781	$ 600.00	$ 7,400	SAVE
230	Quercus lobata	Valley Oak	14.5	165.13	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,368.07	$ 2,184	$ 600.00	$ 2,800	SAVE
231	Quercus lobata	Valley Oak	13.5	143.14	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,786.36	$ 1,893	$ 600.00	$ 2,500	SAVE
232	Quercus lobata	Valley Oak	25.5	510.71	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 13,509.35	$ 9,006	$ 600.00	$ 9,600	SAVE
233	Quercus lobata	Valley Oak	17.0	226.98	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 3,602	$ 600.00	$ 4,200	SAVE
234	Quercus agrifolia	Coast Live Oak	17.5	240.53	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,362.53	$ 4,666	$ 600.00	$ 5,300	SAVE
235	Quercus lobata	Valley Oak	18.5	268.80	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,110.46	$ 4,029	$ 600.00	$ 4,600	SAVE
236	Quercus lobata	Valley Oak	23.5	433.74	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 11,473.34	$ 6,502	$ 600.00	$ 7,100	SAVE
237	Quercus agrifolia	Coast Live Oak	34.0	907.92	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 24,016.62	$ 15,211	$ 600.00	$ 15,800	SAVE
238	Quercus lobata	Valley Oak	35.0	962.12	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 25,450.14	$ 14,422	$ 600.00	$ 15,000	SAVE
239	Quercus lobata	Valley Oak	25.0	490.88	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 12,984.76	$ 8,657	$ 600.00	$ 9,300	SAVE
240	Quercus lobata	Valley Oak	18.0	254.47	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 4,488	$ 600.00	$ 5,100	SAVE
241	Quercus lobata	Valley Oak	34.0	907.92	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 24,016.62	$ 16,011	$ 600.00	$ 16,600	SAVE
242	Quercus lobata	Valley Oak	15.0	176.72	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 3,428	$ 600.00	$ 4,000	SAVE
243	Quercus lobata	Valley Oak	14.0	153.94	50	30	80	53%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 2,172	$ 600.00	$ 2,800	SAVE
244	Quercus lobata	Valley Oak	20.5	330.06	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 8,730.96	$ 5,239	$ 600.00	$ 5,800	SAVE
245	Quercus lobata	Valley Oak	11.0	95.03	70	30	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,508	$ 600.00	$ 2,100	SAVE
246	Quercus lobata	Valley Oak	19.0	283.53	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 5,000	$ 600.00	$ 5,600	SAVE
247	Quercus lobata	Valley Oak	22.0	380.13	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,055.40	$ 6,704	$ 600.00	$ 7,300	SAVE
248	Olea europaea	Olive	17.0	226.98	50	50	70	57%	70%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 2,382	$ 600.00	$ 3,000	SAVE
249	Quercus lobata	Valley Oak	30.0	706.86	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 18,698.06	$ 6,856	$ 600.00	$ 7,500	SAVE
250	Olea europaea	Olive	7.0	38.48	70	50	80	67%	70%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ 475	$ 600.00	$ 1,100	SAVE
251	Olea europaea	Olive	10.0	78.54	50	50	70	57%	70%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 824	$ 600.00	$ 1,400	SAVE
252	Olea europaea	Olive	8.0	50.27	70	50	70	63%	70%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 589	$ 600.00	$ 1,200	SAVE
253	Olea europaea	Olive	18.0	254.47	70	70	80	73%	70%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 3,455	$ 600.00	$ 4,100	SAVE
254	Olea europaea	Olive	14.0	153.94	70	70	80	73%	70%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 2,090	$ 600.00	$ 2,700	SAVE
255	Quercus lobata	Valley Oak	17.0	226.98	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 4,003	$ 600.00	$ 4,600	SAVE
256	Quercus lobata	Valley Oak	19.0	283.53	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 4,250	$ 600.00	$ 4,900	SAVE
257	Quercus lobata	Valley Oak	12.0	113.10	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 1,296	$ 600.00	$ 1,900	SAVE
258	Quercus lobata	Valley Oak	14.0	153.94	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 2,307	$ 600.00	$ 2,900	SAVE
259	Quercus lobata	Valley Oak	12.0	113.10	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 1,496	$ 600.00	$ 2,100	SAVE
260	Quercus lobata	Valley Oak	25.0	490.88	70	50	50	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 12,984.76	$ 7,358	$ 600.00	$ 8,000	SAVE
261	Quercus lobata	Valley Oak	17.0	226.98	30	30	30	30%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 1,801	$ 600.00	$ 2,400	SAVE
262	Quercus lobata	Valley Oak	23.0	415.48	50	50	80	60%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,990.30	$ 6,594	$ 600.00	$ 7,200	SAVE
263	Quercus lobata	Valley Oak	34.0	907.92	30	30	30	30%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 24,016.62	$ 7,205	$ 600.00	$ 7,800	SAVE
264	Quercus lobata	Valley Oak	15.0	176.72	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 2,961	$ 600.00	$ 3,600	SAVE
265	Quercus lobata	Valley Oak	11.0	95.03	50	50	60	53%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,341	$ 600.00	$ 1,900	SAVE
266	Quercus agrifolia	Coast Live Oak	17.0	226.98	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 4,403	$ 600.00	$ 5,000	SAVE
267	Quercus lobata	Valley Oak	25.0	490.88	50	30	70	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 12,984.76	$ 6,492	$ 600.00	$ 7,100	SAVE
268	Quercus lobata	Valley Oak	13.0	132.73	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 1,990	$ 600.00	$ 2,600	SAVE
269	Quercus lobata	Valley Oak	13.0	132.73	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 1,990	$ 600.00	$ 2,600	SAVE
270	Quercus lobata	Valley Oak	17.0	226.98	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 3,402	$ 600.00	$ 4,000	SAVE
271	Quercus lobata	Valley Oak	16.0	201.06	50	30	70	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 2,659	$ 600.00	$ 3,300	SAVE
272	Quercus lobata	Valley Oak	12.0	113.10	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 1,296	$ 600.00	$ 1,900	SAVE
273	Quercus lobata	Valley Oak	14.0	153.94	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 2,715	$ 600.00	$ 3,300	SAVE

SUBJECT TREE										REPLACEMENT TREE				CALCULATIONS			ADDITIONAL COSTS	TOTAL	
TREE #	BOTANICAL NAME	COMMON NAME	DBH (IN)	CROSS-SECTIONAL AREA =((dbh/2)^2)*3.7854	HEALTH%	STRUCTURE%	FORM %	CONDITION %	FUNCTIONAL LIMITATIONS%	EXTERNAL LIMITATIONS %	LCANT	((RTD) REPLACEMENT TREE DIAMETER (IN)	CROSS-SECTIONAL AREA =((RTD^2)/2)*3.7854	REPLACEMENT TREE COST	UNIT TREE COST	BASIC REPRODUCTION COST	DEPRECIATED REPRODUCTION COST	TOTAL ADDITIONAL COSTS	TOTAL REPRODUCTION COST - ROUNDED	SAVE, REMOVE, OFF-SITE
274	Quercus lobata	Valley Oak	9.0	63.62	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 1,122	$ 600.00	$ 1,700	SAVE
275	Quercus lobata	Valley Oak	17.0	226.98	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 4,403	$ 600.00	$ 5,000	SAVE
276	Quercus lobata	Valley Oak	14.0	153.94	70	50	80	67%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.32	$ 2,172	$ 600.00	$ 2,800	SAVE
277	Quercus lobata	Valley Oak	12.0	113.10	0	0	0	0%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.39	$ -	$ 600.00	$ 600	REMOVE
278	Quercus agrifolia	Coast Live Oak	20.0	314.16	70	70	80	73%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 8,310.25	$ 6,084	$ 600.00	$ 6,700	OFF-SITE
279	Quercus lobata	Valley Oak	11.0	95.03	50	30	70	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,257	$ 600.00	$ 1,900	SAVE
280	Quercus lobata	Valley Oak	8.0	50.27	70	50	80	67%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.14	$ 886	$ 600.00	$ 1,500	SAVE
281	Umbellularia californica	California Bay	8.0	50.27	90	90	90	90%	100%	100%	24" Box	2.24	3.84	$ 300.00	$ 76.13	$ 3,826.53	$ 3,444	$ 600.00	$ 4,000	SAVE
282	Quercus lobata	Valley Oak	11.0	95.03	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,089	$ 600.00	$ 1,700	SAVE
283	Quercus lobata	Valley Oak	13.0	132.73	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.36	$ 2,224	$ 600.00	$ 2,800	SAVE
284	Quercus lobata	Valley Oak	14.0	153.94	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.32	$ 2,307	$ 600.00	$ 2,900	SAVE
285	Quercus lobata	Valley Oak	16.0	201.06	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 1,950	$ 600.00	$ 2,600	SAVE
286	Quercus lobata	Valley Oak	16.0	201.06	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 1,950	$ 600.00	$ 2,600	SAVE
287	Quercus lobata	Valley Oak	9.0	63.62	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 617	$ 600.00	$ 1,200	SAVE
288	Quercus lobata	Valley Oak	14.0	153.94	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.32	$ 1,493	$ 600.00	$ 2,100	SAVE
289	Quercus lobata	Valley Oak	22.0	380.13	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,055.40	$ 7,039	$ 600.00	$ 7,600	SAVE
290	Pinus halepensis	Afghan Pine	7.0	38.48	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.11	$ 814	$ 600.00	$ 1,400	SAVE
291	Pinus halepensis	Afghan Pine	4.0	12.57	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 188	$ 600.00	$ 800	SAVE
292	Pinus halepensis	Afghan Pine	10.0	78.54	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 1,454	$ 600.00	$ 2,100	SAVE
293	Quercus lobata	Valley Oak	10.0	78.54	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ -	$ 600.00	$ 600	REMOVE
294	Pinus halepensis	Afghan Pine	8.0	50.27	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.14	$ 931	$ 600.00	$ 1,500	SAVE
295	Quercus lobata	Valley Oak	20.0	314.16	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 8,310.25	$ 3,601	$ 600.00	$ 4,200	SAVE
296	Quercus lobata	Valley Oak	12.0	113.10	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.39	$ 1,895	$ 600.00	$ 2,500	SAVE
297	Pinus halepensis	Afghan Pine	14.0	153.94	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.32	$ 2,850	$ 600.00	$ 3,500	SAVE
298	Pinus halepensis	Afghan Pine	13.0	132.73	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.36	$ 2,458	$ 600.00	$ 3,100	SAVE
299	Quercus lobata	Valley Oak	19.0	283.53	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 5,250

SUBJECT TREE										REPLACEMENT TREE				CALCULATIONS			ADDITIONAL COSTS	TOTAL	
TREE #	BOTANICAL NAME	COMMON NAME	DBH (IN)	CROSS-SECTIONAL AREA =((dbh/2)^2)*3.7854	HEALTH %	STRUCTURE %	FORM %	CONDITION %	FUNCTIONAL LIMITATIONS %	EXTERNAL LIMITATIONS %	LCANT	(RTD) REPLACEMENT TREE DIAMETER (IN)	CROSS-SECTIONAL AREA =((RTD/2)^2)*3.7854	REPLACEMENT TREE COST	UNIT TREE COST	BASIC REPRODUCTION COST	DEPRECIATED REPRODUCTION COST	TOTAL ADDITIONAL COSTS	TOTAL REPRODUCTION COST - ROUNDED	SAVE, REMOVE, OFF-SITE
366	Quercus lobata	Valley Oak	9.0	63.62	70	30	30	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 729	$ 600.00	$ 1,300	SAVE
367	Quercus lobata	Valley Oak	16.0	201.06	70	30	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 2,659	$ 600.00	$ 3,300	SAVE
368	Quercus lobata	Valley Oak	17.0	226.98	70	50	50	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 3,402	$ 600.00	$ 4,000	SAVE
369	Quercus agrifolia	Coast Live Oak	19.0	283.53	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 5,250	$ 600.00	$ 5,900	SAVE
370	Snag	Snag	7.0	38.48	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ -	$ 600.00	$ 600	REMOVE
371	Quercus lobata	Valley Oak	15.0	176.72	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 3,272	$ 600.00	$ 3,800	SAVE
372	Quercus lobata	Valley Oak	8.0	50.27	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 665	$ 600.00	$ 1,300	SAVE
373	Snag	Snag	8.0	50.27	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ -	$ 600.00	$ 600	REMOVE
374	Olea europaea	Olive	18.0	254.47	70	70	70	70%	70%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 3,298	$ 600.00	$ 3,900	SAVE
375	Quercus lobata	Valley Oak	18.0	254.47	50	70	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 4,263	$ 600.00	$ 4,900	SAVE
376	Quercus agrifolia	Coast Live Oak	20.0	314.16	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 8,310.25	$ -	$ 600.00	$ 600	REMOVE
377	Quercus agrifolia	Coast Live Oak	30.0	706.86	70	70	70	70%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 18,698.06	$ 10,471	$ 600.00	$ 11,100	SAVE
378	Quercus lobata	Valley Oak	9.0	63.62	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ -	$ 600.00	$ 600	REMOVE
379	Quercus agrifolia	Coast Live Oak	10.0	78.54	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ -	$ 600.00	$ 600	REMOVE
380	Pinus halepensis	Afghan Pine	13.0	132.73	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 2,224	$ 600.00	$ 2,800	SAVE
381	Quercus lobata	Valley Oak	9.0	63.62	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 954	$ 600.00	$ 1,600	SAVE
382	Quercus douglasii	Blue Oak	23.0	415.48	70	50	70	63%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 31,628.67	$ 20,031	$ 600.00	$ 20,600	SAVE
383	Pinus halepensis	Afghan Pine	5.0	19.64	70	50	50	57%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 235	$ 600.00	$ 800	SAVE
384	Pinus halepensis	Afghan Pine	11.0	95.03	70	30	50	50%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,006	$ 600.00	$ 1,600	SAVE
385	Quercus agrifolia	Coast Live Oak	22.0	380.13	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,055.40	$ 3,687	$ 600.00	$ 4,300	REMOVE
386	Quercus lobata	Valley Oak	15.0	176.72	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ -	$ 600.00	$ 600	REMOVE
387	Quercus douglasii	Blue Oak	22.0	380.13	50	30	50	43%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 28,938.14	$ 12,540	$ 600.00	$ 13,100	SAVE
388	Quercus douglasii	Blue Oak	11.0	95.03	50	50	70	57%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 7,234.53	$ 4,100	$ 600.00	$ 4,700	SAVE
389	Quercus douglasii	Blue Oak	8.0	50.27	70	70	70	70%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 3,826.53	$ 2,679	$ 600.00	$ 3,300	SAVE
390	Quercus douglasii	Blue Oak	20.0	314.16	70	70	70	70%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 23,915.82	$ 16,741	$ 600.00	$ 17,300	SAVE
391	Quercus lobata	Valley Oak	13.0	132.73	50	50	70	57%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 1,592	$ 600.00	$ 2,200	SAVE
392	Quercus lobata	Valley Oak	17.0	226.98	50	50	70	57%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 2,722	$ 600.00	$ 3,300	SAVE
393	Quercus lobata	Valley Oak	14.0	153.94	50	30	50	43%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 1,412	$ 600.00	$ 2,000	SAVE
394	Quercus douglasii	Blue Oak	12.0	113.10	70	50	70	63%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 8,609.69	$ 5,453	$ 600.00	$ 6,100	OFF-SITE
395	Quercus douglasii	Blue Oak	10.0	78.54	70	50	70	63%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 5,978.95	$ 3,787	$ 600.00	$ 4,400	OFF-SITE
396	Quercus douglasii	Blue Oak	13.0	132.73	70	30	70	57%	80%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 10,104.43	$ 4,581	$ 600.00	$ 5,200	SAVE
397	Quercus douglasii	Blue Oak	13.0	132.73	70	50	70	63%	80%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 10,104.43	$ 5,120	$ 600.00	$ 5,700	SAVE
398	Quercus douglasii	Blue Oak	27.0	572.56	70	70	70	70%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 43,586.56	$ 30,511	$ 600.00	$ 31,100	SAVE
399	Quercus douglasii	Blue Oak	21.0	346.36	50	50	50	50%	80%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 26,367.19	$ 10,547	$ 600.00	$ 11,100	SAVE
400	Quercus douglasii	Blue Oak	15.0	176.72	70	50	70	63%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 13,452.65	$ 8,520	$ 600.00	$ 9,100	SAVE
401	Quercus douglasii	Blue Oak	10.0	78.54	50	30	70	50%	80%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 5,978.95	$ 2,392	$ 600.00	$ 3,000	SAVE
402	Quercus douglasii	Blue Oak	13.0	132.73	30	30	30	30%	80%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 10,104.43	$ 2,425	$ 600.00	$ 3,000	SAVE
403	Quercus douglasii	Blue Oak	22.0	380.13	30	30	30	30%	80%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 28,938.14	$ 6,945	$ 600.00	$ 7,500	SAVE
404	Quercus douglasii	Blue Oak	19.0	283.53	70	50	70	63%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 21,584.02	$ 13,670	$ 600.00	$ 14,300	SAVE
405	Quercus lobata	Valley Oak	10.0	78.54	30	30	30	30%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 623	$ 600.00	$ 1,200	SAVE
406	Quercus lobata	Valley Oak	12.0	113.10	30	30	30	30%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 898	$ 600.00	$ 1,500	SAVE
407	Quercus douglasii	Blue Oak	15.0	176.72	50	30	30	37%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 13,452.65	$ 4,933	$ 600.00	$ 5,500	SAVE
408	Quercus lobata	Valley Oak	17.0	226.98	50	30	30	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 2,202	$ 600.00	$ 2,800	SAVE
409	Quercus douglasii	Blue Oak	18.0	254.47	70	70	70	70%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 19,371.81	$ 13,560	$ 600.00	$ 14,200	SAVE
410	Quercus douglasii	Blue Oak	17.0	226.98	70	70	70	70%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 17,279.18	$ 12,095	$ 600.00	$ 12,700	SAVE
411	Quercus douglasii	Blue Oak	16.0	201.06	70	70	70	70%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 15,306.12	$ 10,714	$ 600.00	$ 11,300	SAVE
412	Quercus lobata	Valley Oak	16.0	201.06	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 2,659	$ 600.00	$ 3,300	SAVE
413	Quercus lobata	Valley Oak	8.0	50.27	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ -	$ 600.00	$ 600	REMOVE
414	Quercus douglasii	Blue Oak	19.0	283.53	70	50	70	63%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 21,584.02	$ 13,670	$ 600.00	$ 14,300	SAVE
415	Quercus douglasii	Blue Oak	23.0	415.48	70	50	70	63%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 31,628.67	$ 20,031	$ 600.00	$ 20,600	SAVE
416	Quercus lobata	Valley Oak	14.0	153.94	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 2,850	$ 600.00	$ 3,500	SAVE
417	Quercus lobata	Valley Oak	22.0	380.13	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,055.40	$ 5,698	$ 600.00	$ 6,300	SAVE
418	Quercus douglasii	Blue Oak	23.0	415.48	70	50	70	63%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 31,628.67	$ 20,031	$ 600.00	$ 20,600	SAVE
419	Quercus lobata	Valley Oak	17.0	226.98	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 3,402	$ 600.00	$ 4,000	SAVE
420	Quercus lobata	Valley Oak	14.0	153.94	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 1,765	$ 600.00	$ 2,400	SAVE
421	Quercus lobata	Valley Oak	15.0	176.72	30	30	50	37%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 1,714	$ 600.00	$ 2,300	SAVE
422	Quercus lobata	Valley Oak	28.0	615.75	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 16,288.09	$ 7,058	$ 600.00	$ 7,700	SAVE
423	Quercus lobata	Valley Oak	28.0	615.75	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 16,288.09	$ 7,058	$ 600.00	$ 7,700	SAVE
424	Quercus douglasii	Blue Oak	21.0	346.36	50	50	50	50%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 26,367.19	$ 13,184	$ 600.00	$ 13,800	SAVE
425	Quercus douglasii	Blue Oak	21.0	346.36	50	50	50	50%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 26,367.19	$ 13,184	$ 600.00	$ 13,800	SAVE
426	Quercus douglasii	Blue Oak	7.0	38.48	50	50	50	50%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 2,929.69	$ 1,465	$ 600.00	$ 2,100	SAVE
427	Quercus lobata	Valley Oak	19.0	283.53	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 3,750	$ 600.00	$ 4,400	SAVE
428	Quercus douglasii	Blue Oak	25.0	490.88	50	50	50	50%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 37,368.46	$ 18,684	$ 600.00	$ 19,300	SAVE
429	Quercus douglasii	Blue Oak	16.0	201.06	50	50	50	50%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 15,306.12	$ 7,653	$ 600.00	$ 8,300	SAVE
430	Quercus lobata	Valley Oak	18.0	254.47	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 3,366	$ 600.00	$ 4,000	SAVE
431	Quercus lobata	Valley Oak	8.0	50.27	30	50	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 576	$ 600.00	$ 1,200	SAVE
432	Quercus douglasii	Blue Oak	12.0	113.10	50	50	50	50%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 8,609.69	$ 4,305	$ 600.00	$ 4,900	SAVE
433	Quercus douglasii	Blue Oak	18.0	254.47	70	50	70	63%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 19,371.81	$ 12,269	$ 600.00	$ 12,900	SAVE
434	Quercus lobata	Valley Oak	13.0	132.73	70	50	70	63%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 1,779	$ 600.00	$ 2,400	SAVE
435	Quercus agrifolia	Coast Live Oak	25.0	490.88	70	70	70	70%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 12,984.76	$ 7,271	$ 600.00	$ 7,900	SAVE
436	Quercus douglasii	Blue Oak	16.0	201.06	70	70	70	70%	80%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 15,306.12	$ 8,571	$ 600.00	$ 9,200	SAVE
437	Quercus douglasii	Blue Oak	15.0	176.72	70	50	70	63%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 13,452.65	$ 8,520	$ 600.00	$ 9,100	SAVE
438	Quercus douglasii	Blue Oak	7.0	38.48	50	50	70	57%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 2,929.69	$ 1,660	$ 600.00	$ 2,300	SAVE
439	Quercus douglasii	Blue Oak	12.0	113.10	50	30	70	50%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 8,609.69	$ 4,305	$ 600.00	$ 4,900	SAVE
440	Quercus douglasii	Blue Oak	22.0	380.13	30	30	50	37%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 28,938.14	$ 10,611	$ 600.00	$ 11,200	SAVE
441	Prunus domestica	Plum	5.0	19.64	10	10	10	10%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 1,494.74	$ 149	$ 600.00	$ 700	SAVE
442	Quercus agrifolia	Coast Live Oak	24.0	452.39	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 11,966.76	$ 10,770	$ 600.00	$ 11,400	SAVE
443	Quercus agrifolia	Coast Live Oak	16.0	201.06	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 3,368	$ 600.00	$ 4,000	SAVE
444	Quercus lobata	Valley Oak	14.0	153.94	0	0	0	0%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ -	$ 600.00	$ 600	REMOVE
445	Quercus agrifolia	Coast Live Oak	20.0	314.16	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 8,310.25	$ 5,817	$ 600.00	$ 6,400	SAVE
446	Quercus agrifolia	Coast Live Oak	16.0	201.06	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 3,368	$ 600.00	$ 4,000	SAVE
447	Quercus agrifolia	Coast Live Oak	20.0	314.16	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 8,310.25	$ 5,817	$ 600.00	$ 6,400	SAVE
448	Quercus douglasii	Blue Oak	15.0	176.72	50	50	70	57%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 13,452.65	$ 7,623	$ 600.00	$ 8,200	SAVE
449	Quercus douglasii	Blue Oak	16.0	201.06	50	30	50	43%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 15,306.12	$ 6,633	$ 600.00	$ 7,200	SAVE
450	Quercus douglasii	Blue Oak	14.0	153.94	50	50	70	57%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 11,718.75	$ 6,641	$ 600.00	$ 7,200	SAVE
451	Quercus douglasii	Blue Oak	28.0	615.75	50	50	70	57%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 46,875.00	$ 26,563	$ 600.00	$ 27,200	SAVE
452	Quercus agrifolia	Coast Live Oak	27.0	572.56	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 15,145.43	$ 10,602	$ 600.00	$ 11,200	SAVE
453	Quercus lobata	Valley Oak	11.0	95.03	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,425	$ 600.00	$ 2,000	SAVE
454	Quercus agrifolia	Coast Live Oak	26.0	530.93	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 14,044.32	$ 9,831	$ 600.00	$ 10,400	SAVE
455	Snag	Snag	16.0	201.06	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ -	$ 600.00	$ 600	REMOVE
456	Quercus agrifolia	Coast Live Oak	20.0	314.16	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 8,310.25	$ 4,709	$ 500.00	$ 5,200	SAVE
457	Quercus douglasii	Blue Oak	16.0	201.06	50	50	70	57%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 15,306.12	$ 8,673	$ 600.00	$ 9,300	SAVE

SUBJECT TREE										REPLACEMENT TREE				CALCULATIONS			ADDITIONAL COSTS	TOTAL	
TREE #	BOTANICAL NAME	COMMON NAME	DBH (IN)	CROSS-SECTIONAL AREA =((dbh/2)^2)*3.7854	HEALTH%	STRUCTURE %	FORM %	CONDITION %	FUNCTIONAL LIMITATIONS %	EXTERNAL LIMITATIONS %	LCANT	(RTD) REPLACEMENT TREE DIAMETER (IN)	CROSS-SECTIONAL AREA =((RTD/2)^2)*3.7854	REPLACEMENT TREE COST	UNIT TREE COST	BASIC REPRODUCTION COST	DEPRECIATED REPRODUCTION COST	TOTAL ADDITIONAL COSTS	TOTAL REPRODUCTION COST - ROUNDED	SAVE, REMOVE, OFF-SITE
458	Quercus douglasii	Blue Oak	11.0	95.03	30	30	30	30%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 7,234.53	$ 2,170	$ 600.00	$ 2,800	SAVE
459	Quercus agrifolia	Coast Live Oak	15.0	176.72	30	30	30	30%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 1,402	$ 600.00	$ 2,000	SAVE
460	Quercus agrifolia	Coast Live Oak	21.0	346.36	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 9,162.05	$ 5,803	$ 600.00	$ 6,400	SAVE
461	Quercus agrifolia	Coast Live Oak	10.0	78.54	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 1,177	$ 600.00	$ 1,800	SAVE
462	Quercus agrifolia	Coast Live Oak	14.0	153.94	70	90	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 3,258	$ 600.00	$ 3,900	SAVE
463	Quercus agrifolia	Coast Live Oak	5.0	19.64	50	70	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 329	$ 600.00	$ 900	SAVE
464	Quercus agrifolia	Coast Live Oak	15.0	176.72	70	30	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 2,337	$ 600.00	$ 2,900	SAVE
465	Quercus agrifolia	Coast Live Oak	32.0	804.25	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 21,274.24	$ 14,892	$ 600.00	$ 15,500	SAVE
466	Quercus agrifolia	Coast Live Oak	16.0	201.06	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 3,368	$ 600.00	$ 4,000	SAVE
467	Quercus agrifolia	Coast Live Oak	11.0	95.03	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,760	$ 600.00	$ 2,400	SAVE
468	Quercus agrifolia	Coast Live Oak	9.0	63.62	50	70	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 1,066	$ 600.00	$ 1,700	SAVE
469	Not Used																			
470	Quercus lobata	Valley Oak	3.0	7.07	30	30	30	30%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 186.98	$ 56	$ 600.00	$ 700	SAVE
471	Quercus agrifolia	Coast Live Oak	14.0	153.94	70	50	50	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 2,307	$ 600.00	$ 2,900	SAVE
472	Quercus agrifolia	Coast Live Oak	4.0	12.57	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 166	$ 600.00	$ 800	SAVE
473	Quercus agrifolia	Coast Live Oak	15.0	176.72	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 3,272	$ 600.00	$ 3,900	SAVE
474	Quercus agrifolia	Coast Live Oak	13.0	132.73	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 2,458	$ 600.00	$ 3,100	SAVE
475	Quercus agrifolia	Coast Live Oak	12.0	113.10	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 2,094	$ 600.00	$ 2,700	SAVE
476	Quercus lobata	Valley Oak	13.0	132.73	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 2,458	$ 600.00	$ 3,100	SAVE
477	Quercus agrifolia	Coast Live Oak	11.0	95.03	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 2,262	$ 600.00	$ 2,900	SAVE
478	Quercus agrifolia	Coast Live Oak	11.0	95.03	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 2,262	$ 600.00	$ 2,900	SAVE
479	Quercus agrifolia	Coast Live Oak	21.0	346.36	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 9,162.05	$ 5,803	$ 600.00	$ 6,400	SAVE
480	Quercus agrifolia	Coast Live Oak	10.0	78.54	90	70	70	77%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,077.56	$ 1,593	$ 600.00	$ 2,200	SAVE
481	Quercus lobata	Valley Oak	4.0	12.57	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 188	$ 600.00	$ 800	SAVE
482	Quercus agrifolia	Coast Live Oak	7.0	38.48	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$

SUBJECT TREE										REPLACEMENT TREE				CALCULATIONS				ADDITIONAL COSTS	TOTAL	
TREE #	BOTANICAL NAME	COMMON NAME	DBH (IN)	CROSS-SECTIONAL AREA =((dbh/2)^2)*3.7854	HEALTH %	STRUCTURE %	FORM %	CONDITION %	FUNCTIONAL LIMITATIONS %	EXTERNAL LIMITATIONS %	LCANT	(RTD) REPLACEMENT TREE DIAMETER (IN)	CROSS-SECTIONAL AREA =((RTD^2)/2)^3.7854	REPLACEMENT TREE COST	UNIT TREE COST	BASIC REPRODUCTION COST	DEPRECIATED REPRODUCTION COST	TOTAL ADDITIONAL COSTS	TOTAL REPRODUCTION COST - ROUNDED	SAVE, REMOVE, OFF-SITE
539	Quercus agrifolia	Coast Live Oak	4.0	12.57	50	50	70	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 188	$ 600.00	$ 800	SAVE
540	Quercus lobata	Valley Oak	13.0	132.73	50	50	50	50%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 1,404	$ 600.00	$ 2,000	REMOVE
541	Quercus lobata	Valley Oak	17.0	226.98	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 3,002	$ 600.00	$ 3,600	REMOVE
542	Quercus agrifolia	Coast Live Oak	7.0	38.48	50	30	70	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ 509	$ 600.00	$ 1,100	REMOVE
543	Quercus lobata	Valley Oak	4.0	12.57	30	10	30	23%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 78	$ 600.00	$ 700	REMOVE
544	Quercus agrifolia	Coast Live Oak	7.0	38.48	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ 713	$ 600.00	$ 1,300	REMOVE
545	Quercus lobata	Valley Oak	13.0	132.73	30	10	30	23%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 819	$ 600.00	$ 1,400	REMOVE
546	Quercus agrifolia	Coast Live Oak	8.0	50.27	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 931	$ 600.00	$ 1,500	REMOVE
547	Quercus agrifolia	Coast Live Oak	15.0	176.72	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 3,272	$ 600.00	$ 3,900	REMOVE
548	Quercus agrifolia	Valley Oak	11.0	95.03	30	30	30	30%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 754	$ 600.00	$ 1,400	REMOVE
549	Quercus lobata	Valley Oak	15.0	176.72	30	50	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 2,026	$ 600.00	$ 2,600	REMOVE
550	Quercus agrifolia	Coast Live Oak	9.0	63.62	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 1,178	$ 600.00	$ 1,800	REMOVE
551	Quercus lobata	Valley Oak	17.0	226.98	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 3,002	$ 600.00	$ 3,600	REMOVE
552	Olea europaea	Olive	4.0	12.57	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 211	$ 600.00	$ 800	REMOVE
553	Quercus agrifolia	Coast Live Oak	12.0	113.10	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.89	$ 2,094	$ 600.00	$ 2,700	REMOVE
554	Quercus agrifolia	Coast Live Oak	8.0	50.27	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 931	$ 600.00	$ 1,500	REMOVE
555	Quercus agrifolia	Coast Live Oak	9.0	63.62	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 1,178	$ 600.00	$ 1,800	REMOVE
556	Quercus lobata	Valley Oak	15.0	176.72	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 2,337	$ 600.00	$ 2,900	REMOVE
557	Quercus lobata	Valley Oak	18.0	254.47	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 4,263	$ 600.00	$ 4,900	REMOVE
558	Quercus lobata	Valley Oak	13.0	132.73	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 2,224	$ 600.00	$ 2,800	REMOVE
559	Quercus lobata	Valley Oak	9.0	63.62	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 841	$ 600.00	$ 1,400	REMOVE
560	Quercus lobata	Valley Oak	16.0	201.06	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 3,368	$ 600.00	$ 4,000	REMOVE
561	Olea europaea	Olive	8.0	50.27	30	30	30	30%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 399	$ 600.00	$ 1,000	REMOVE
562	Quercus lobata	Valley Oak	26.0	530.93	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 14,044.32	$ 9,831	$ 600.00	$ 10,400	REMOVE
563	Quercus agrifolia	Coast Live Oak	9.0	63.62	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 1,178	$ 600.00	$ 1,800	REMOVE
564	Quercus lobata	Valley Oak	28.0	615.75	50	70	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 16,288.09	$ 10,316	$ 600.00	$ 10,900	REMOVE
565	Quercus lobata	Valley Oak	17.0	226.98	70	50	50	57%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 3,402	$ 600.00	$ 4,000	REMOVE
566	Quercus agrifolia	Coast Live Oak	36.0	1017.88	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 26,925.21	$ 21,540	$ 600.00	$ 22,100	SAVE
567	Quercus lobata	Valley Oak	18.0	254.47	70	70	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 4,712	$ 600.00	$ 5,300	REMOVE
568	Quercus lobata	Valley Oak	22.0	380.13	50	70	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,055.40	$ 6,368	$ 600.00	$ 7,000	REMOVE
569	Quercus lobata	Valley Oak	35.0	962.12	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 25,450.14	$ 16,118	$ 600.00	$ 16,700	SAVE
570	Pyrus calleryana	Ornamental Pear	7.0	38.48	30	30	30	30%	70%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 1,409.89	$ 615	$ 600.00	$ 1,200	REMOVE
571	Quercus agrifolia	Coast Live Oak	13.0	132.73	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 2,458	$ 600.00	$ 3,100	REMOVE
572	Quercus agrifolia	Coast Live Oak	11.0	95.03	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 2,011	$ 600.00	$ 2,600	REMOVE
573	Quercus lobata	Valley Oak	21.0	346.36	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 9,162.05	$ 4,581	$ 600.00	$ 5,200	REMOVE
574	Quercus agrifolia	Coast Live Oak	13.0	132.73	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 2,458	$ 600.00	$ 3,100	REMOVE
575	Sambucus neomexicana	Blue Elderberry	14.0	153.94	30	30	30	30%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 11,718.75	$ 3,516	$ 600.00	$ 4,100	REMOVE
576	Quercus agrifolia	Coast Live Oak	11.0	95.03	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,513.85	$ 1,760	$ 600.00	$ 2,400	REMOVE
577	Quercus agrifolia	Coast Live Oak	38.0	1134.12	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 30,000.00	$ 24,000	$ 600.00	$ 24,600	REMOVE
578	Quercus agrifolia	Coast Live Oak	8.0	50.27	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 931	$ 600.00	$ 1,500	SAVE
579	Sambucus neomexicana	Blue Elderberry	10.0	78.54	30	30	30	30%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 5,978.95	$ 1,794	$ 600.00	$ 2,400	SAVE
580	Platanus racemosa	California Sycamore	27.0	572.56	50	30	70	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 15,145.43	$ 7,573	$ 600.00	$ 8,200	SAVE
581	Platanus racemosa	California Sycamore	34.0	907.92	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 24,016.62	$ 19,213	$ 600.00	$ 19,800	SAVE
582	Platanus racemosa	California Sycamore	34.0	907.92	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 24,016.62	$ 19,213	$ 600.00	$ 19,800	SAVE
583	Platanus racemosa	California Sycamore	36.0	1017.88	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 26,925.21	$ 17,053	$ 600.00	$ 17,700	SAVE
584	Calocedrus decurrens	Incense Cedar	7.0	38.48	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ 713	$ 600.00	$ 1,300	SAVE
585	Platanus racemosa	California Sycamore	7.0	38.48	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ 645	$ 600.00	$ 1,200	SAVE
586	Platanus racemosa	California Sycamore	31.0	754.77	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 19,965.37	$ 12,645	$ 600.00	$ 13,200	SAVE
587	Quercus lobata	Valley Oak	23.0	415.48	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,990.30	$ 7,693	$ 600.00	$ 8,300	SAVE
588	Sequoia sempervirens	Coast Redwood	5.0	19.64	90	70	80	80%	80%	100%	24" Box	4.75	17.72	$ 300.00	$ 16.93	$ 332.41	$ 213	$ 600.00	$ 800	SAVE
589	Quercus agrifolia	Coast Live Oak	4.0	12.57	90	70	80	80%	80%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 213	$ 600.00	$ 800	SAVE
590	Washingtonia robusta	Mexican Fan Palm	22.0	380.13	90	70	80	80%	70%	100%	5' BTH	4.75	17.72	$ 400.00	$ 22.57	$ 8,580.61	$ 4,805	$ 600.00	$ 5,400	SAVE
591	Prunus dulcis	Almond	7.0	38.48	30	30	30	30%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 2,929.69	$ 879	$ 600.00	$ 1,500	REMOVE
592	Quercus agrifolia	Coast Live Oak	13.0	132.73	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 3,511.08	$ 2,809	$ 600.00	$ 3,400	REMOVE
593	Quercus agrifolia	Coast Live Oak	9.0	63.62	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 1,178	$ 600.00	$ 1,800	REMOVE
594	Quercus agrifolia	Coast Live Oak	16.0	201.06	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 5,318.56	$ 4,255	$ 600.00	$ 4,900	REMOVE
595	Quercus agrifolia	Coast Live Oak	12.0	113.10	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 2,393	$ 600.00	$ 3,000	REMOVE
596	Quercus agrifolia	Coast Live Oak	15.0	176.72	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 3,740	$ 600.00	$ 4,300	REMOVE
597	Quercus agrifolia	Coast Live Oak	21.0	346.36	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 9,162.05	$ 6,413	$ 600.00	$ 7,000	REMOVE
598	Quercus lobata	Valley Oak	22.0	380.13	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,055.40	$ 4,357	$ 600.00	$ 5,000	REMOVE
599	Quercus agrifolia	Coast Live Oak	20.0	314.16	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 8,310.25	$ 6,648	$ 600.00	$ 7,200	REMOVE
600	Quercus agrifolia	Coast Live Oak	22.0	380.13	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,055.40	$ 7,039	$ 600.00	$ 7,600	REMOVE
601	Quercus agrifolia	Coast Live Oak	27.0	572.56	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 15,145.43	$ 12,116	$ 600.00	$ 12,700	REMOVE
602	Quercus agrifolia	Coast Live Oak	18.0	254.47	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 5,385	$ 600.00	$ 6,000	REMOVE
603	Quercus agrifolia	Coast Live Oak	9.0	63.62	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 1,346	$ 600.00	$ 1,900	REMOVE
604	Pyrus calleryana	Ornamental Pear	5.0	19.64	30	30	30	30%	70%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 1,494.74	$ 314	$ 600.00	$ 900	REMOVE
605	Olea europaea	Olive	3.0	7.07	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 186.98	$ 150	$ 600.00	$ 700	REMOVE
606	Quercus agrifolia	Coast Live Oak	21.0	346.36	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 9,162.05	$ 8,246	$ 600.00	$ 8,800	REMOVE
607	Quercus agrifolia	Coast Live Oak	4.0	12.57	10	30	30	23%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 78	$ 600.00	$ 700	REMOVE
608	Quercus agrifolia	Coast Live Oak	4.0	12.57	10	30	30	23%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 78	$ 500.00	$ 600	REMOVE
609	Quercus agrifolia	Coast Live Oak	5.0	19.64	10	30	30	23%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 121	$ 600.00	$ 700	REMOVE
610	Quercus douglasii	Blue Oak	21.0	346.36	70	70	70	70%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 26,367.19	$ 18,457	$ 600.00	$ 19,100	SAVE
611	Quercus agrifolia	Coast Live Oak	21.0	346.36	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 9,162.05	$ 7,330	$ 600.00	$ 7,900	SAVE
612	Quercus lobata	Valley Oak	22.0	380.13	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,055.40	$ 6,368	$ 600.00	$ 7,000	SAVE
613	Quercus douglasii	Blue Oak	12.0	113.10	50	50	70	57%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 8,609.69	$ 4,879	$ 600.00	$ 5,500	SAVE
614	Quercus agrifolia	Coast Live Oak	19.0	283.53	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 6,000	$ 600.00	$ 6,600	SAVE
615	Quercus agrifolia	Coast Live Oak	12.0	113.10	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 2,094	$ 600.00	$ 2,700	SAVE
616	Quercus agrifolia	Coast Live Oak	7.0	38.48	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ 645	$ 600.00	$ 1,200	SAVE
617	Quercus agrifolia	Coast Live Oak	9.0	63.62	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 1,178	$ 600.00	$ 1,800	SAVE
618	Quercus agrifolia	Coast Live Oak	18.0	254.47	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 4,712	$ 600.00	$ 5,300	SAVE
619	Quercus agrifolia	Coast Live Oak	18.0	254.47	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,731.30	$ 4,263	$ 600.00	$ 4,900	SAVE
620	Quercus agrifolia	Coast Live Oak	14.0	153.94	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 2,850	$ 600.00	$ 3,500	SAVE
621	Quercus agrifolia	Coast Live Oak	6.0	28.27	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 524	$ 600.00	$ 1,100	SAVE
622	Quercus agrifolia	Coast Live Oak	4.0	12.57	0	50	0	17%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 55	$ 600.00	$ 700	REMOVE
623	Quercus agrifolia	Coast Live Oak	24.0	452.39	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 11,966.76	$ 9,573	$ 600.00	$ 10,200	SAVE
624	Olea europaea	Olive	4.0	12.57	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 332.41	$ 211	$ 600.00	$ 800	SAVE
625	Quercus agrifolia	Coast Live Oak	19.0	283.53	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 7,500.00	$ 6,000	$ 600.00	$ 6,600	SAVE
626	Quercus douglasii	Blue Oak	25.0	490.88	70	50	70	63%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 37,368.46	$ 23,667	$ 600.00	$ 24,300	SAVE
627	Quercus agrifolia	Coast Live Oak	12.0	113.10	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 1,895	$ 600.00	$ 2,500	SAVE
628	Quercus agrifolia	Coast Live Oak	6.0	28.27	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 747.92	$ 673	$ 600.00	$ 1,300	SAVE
629	Quercus agrifolia	Coast Live Oak	12.0	113.10	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 2,693	$ 600.00	$ 3,300	REMOVE
630	Quercus agrifolia	Coast Live Oak	8.0	50.27	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 1,197	$ 600.00	$ 1,800	REMOVE

SUBJECT TREE										REPLACEMENT TREE				CALCULATIONS				ADDITIONAL COSTS	TOTAL	
TREE #	BOTANICAL NAME	COMMON NAME	DBH (IN)	CROSS-SECTIONAL AREA =((dbh/2)^2)*3.7854	HEALTH%	STRUCTURE%	FORM %	CONDITION %	FUNCTIONAL LIMITATIONS %	EXTERNAL LIMITATIONS %	LCANT	(RTD) REPLACEMENT TREE DIAMETER (IN)	CROSS-SECTIONAL AREA =((RTD^2)/2)^3.7854	REPLACEMENT TREE COST	UNIT TREE COST	BASIC REPRODUCTION COST	DEPRECIATED REPRODUCTION COST	TOTAL ADDITIONAL COSTS	TOTAL REPRODUCTION COST - ROUNDED	SAVE, REMOVE, OFF-SITE
631	Quercus agrifolia	Coast Live Oak	17.0	226.98	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 5,404	$ 600.00	$ 6,000	REMOVE
632	Quercus lobata	Valley Oak	39.0	1194.59	70	50	70	63%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 31,599.72	$ 20,013	$ 600.00	$ 20,600	SAVE
633	Quercus lobata	Valley Oak	9.0	63.62	50	50	50	50%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ 841	$ 600.00	$ 1,400	SAVE
634	Quercus agrifolia	Coast Live Oak	7.0	38.48	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,018.01	$ 916	$ 600.00	$ 1,500	SAVE
635	Quercus lobata	Valley Oak	12.0	113.10	70	70	70	70%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 2,991.69	$ 2,094	$ 600.00	$ 2,700	REMOVE
636	Prunus domestica	Plum	5.0	19.64	10	30	30	23%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 1,494.74	$ 349	$ 600.00	$ 900	REMOVE
637	Prunus domestica	Plum	4.0	12.57	10	10	10	10%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 956.63	$ 96	$ 600.00	$ 700	SAVE
638	Olea europaea	Olive	5.0	19.64	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 519.39	$ 467	$ 600.00	$ 1,100	REMOVE
639	Prunus domestica	Plum	4.0	12.57	10	10	10	10%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 956.63	$ 96	$ 600.00	$ 700	SAVE
640	Prunus domestica	Plum	3.0	7.07	0	0	0	0%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 538.11	$ -	$ 600.00	$ 600	REMOVE
641	Prunus domestica	Plum	3.0	7.07	0	0	0	0%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 538.11	$ -	$ 600.00	$ 600	REMOVE
642	Prunus domestica	Plum	3.0	7.07	30	10	10	17%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 538.11	$ 90	$ 600.00	$ 700	REMOVE
643	Prunus domestica	Plum	4.0	12.57	30	10	10	17%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 956.63	$ 159	$ 600.00	$ 800	REMOVE
644	Quercus agrifolia	Coast Live Oak	14.0	153.94	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,072.02	$ 3,665	$ 600.00	$ 4,300	SAVE
645	Prunus domestica	Plum	5.0	19.64	0	30	30	20%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 1,494.74	$ 299	$ 600.00	$ 900	REMOVE
646	Quercus agrifolia	Coast Live Oak	8.0	50.27	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,329.64	$ 1,197	$ 600.00	$ 1,800	SAVE
647	Prunus dulcis	Almond	9.0	63.62	0	0	0	0%	100%	100%	24" Box	2.24	3.94	$ 300.00	$ 76.13	$ 4,842.95	$ -	$ 600.00	$ 600	REMOVE
648	Phoenix dactylifera	Date Palm	44.0	1520.53	90	90	90	90%	100%	100%	5' BTH	4.75	17.72	$ 800.00	$ 45.15	$ 68,644.88	$ 61,780	$ 600.00	$ 62,400	OFF-SITE
649	Juniperus chinensis	Chinese Juniper	23.0	415.48	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 10,990.30	$ 8,792	$ 600.00	$ 9,400	OFF-SITE
650	Quercus agrifolia	Coast Live Oak	28.0	615.75	90	90	90	90%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 16,288.09	$ 14,659	$ 600.00	$ 15,300	SAVE
651	Quercus agrifolia	Coast Live Oak	17.0	226.98	90	70	80	80%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 6,004.16	$ 4,803	$ 600.00	$ 5,400	SAVE
652	Quercus lobata	Valley Oak	15.0	176.72	50	30	50	43%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 4,674.52	$ 2,026	$ 600.00	$ 2,600	SAVE
653	Stump	Stump	9.0	63.62	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$ 26.45	$ 1,682.83	$ -	$ 600.00	$ 600	SAVE
654	Stump	Stump	6.0	28.27	0	0	0	0%	100%	100%	24" Box	3.8	11.34	$ 300.00	$

TREE PROTECTION NOTES

SITE PREPARATION:
ALL EXISTING TREES SHALL BE FENCED WITHIN OR AT THE DRIP LINE (FOLIAR SPREAD) OF THE TREE. DEPENDING ON THE LOCATION OF THE TREE THE FENCING MAY NOT BE ABLE TO BE AT THE DRIPLINE. EXAMPLES OF THIS WOULD BE PUBLIC RIGHT OF WAY, NEAR PROPERTY LINES OR AROUND EXISTING STRUCTURES TO REMAIN. WHERE COMPLETE DRIP LINE FENCING IS NOT POSSIBLE, THE ADDITION OF STRAW WADDLES AND ORANGE SNOW FENCING WRAPPING THE TRUNK SHALL BE INSTALLED PER THE TREE PROTECTION DETAIL. THE FENCE SHOULD BE A MINIMUM OF SIX FEET HIGH, MADE OF GALVANIZED 11-GAUGE WIRE MESH WITH GALVANIZED POSTS OR ANY MATERIAL SUPERIOR IN QUALITY. A TREE PROTECTION ZONE (TPZ) SIGN SHALL BE AFFIXED TO FENCING AT APPROPRIATE INTERVALS AS DETERMINED BY THE ARBORIST ON SITE. SEE TREE PROTECTION DETAIL FOR ADDITIONAL INFORMATION, INCLUDING TREE PROTECTION ZONE SIGN. IF THE FENCE IS WITHIN THE DRIP LINE OF THE TREES, THE FOLIAR FRINGE SHALL BE RAISED TO OFFSET THE CHANCE OF LIMB DAMAGE FROM ACTIVE CONSTRUCTION.

ACTIVE CONSTRUCTION:
ALL CONTRACTORS, SUBCONTRACTORS AND OTHER PERSONNEL SHALL BE WARNED THAT ENCROACHMENT WITHIN THE FENCED AREA AND DRIPLINE IS PROHIBITED WITHOUT THE CONSENT OF THE CERTIFIED ARBORIST ON THE JOB. THIS INCLUDES, BUT IS NOT LIMITED TO, STORAGE OF LUMBER AND OTHER MATERIALS, DISPOSAL OF PAINTS, SOLVENTS OR OTHER NOXIOUS MATERIALS, PARKED CARS, GRADING EQUIPMENT OR OTHER HEAVY EQUIPMENT. IF CONSTRUCTION ACTIVITY NEEDS TO HAPPEN IN THE TPZ THE FENCE CAN BE MOVED TEMPORARILY FOR DELIVERY OF CONSTRUCTION MATERIALS. THE CONTRACTOR SHOULD MAKE ACCOMMODATIONS TO OFF LOAD ITEMS SUCH AS TRUSSES, TIMBER, PLASTERBOARD, WALLBOARD, CONCRETE, GYPSUM BOARD, FLOORING, ROOFING OR ANY OTHER HEAVY CONSTRUCTION MATERIAL OUTSIDE THE FOLIAR SPREAD OF THE TREE SO THERE IS NO HEAVY EQUIPMENT NEEDED THAT COULD CAUSE DAMAGE TO THE CANOPY OF THE TREE OR COMPACT THE ROOT ZONE. THE TREE PROTECTION FENCING SHOULD BE REESTABLISHED PER THE PLANS AND DETAILS IMMEDIATELY AFTER ANY ACTIVITY THROUGH THE TPZ. PENALTIES, BASED ON THE COST OF REMEDIAL REPAIRS AND THE EVALUATION GUIDE PUBLISHED BY THE INTERNATIONAL SOCIETY OF ARBORICULTURE, SHALL BE ASSESSED FOR DAMAGES TO THE TREES.

GRADING/EXCAVATING:
ALL GRADING PLANS THAT SPECIFY GRADING WITHIN THE DRIP LINE OF ANY TREE, OR WITHIN THE DISTANCE FROM THE TRUNK AS OUTLINED IN THE SITE PREPARATION SECTION ABOVE WHEN SAID DISTANCE IS OUTSIDE THE DRIP LINE, SHALL FIRST BE REVIEWED BY A CERTIFIED ARBORIST. PROVISIONS FOR AERATION, DRAINAGE, PRUNING, TUNNELING BENEATH ROOTS, ROOT PRUNING OR OTHER NECESSARY ACTIONS TO PROTECT THE TREES SHALL BE OUTLINED BY AN ARBORIST. IF TRENCHING IS NECESSARY WITHIN THE AREA AS DESCRIBED ABOVE, SAID TRENCHING SHALL BE UNDERTAKEN BY HAND LABOR AND DUG DIRECTLY BENEATH THE TRUNK OF THE TREE. ALL ROOTS 2 INCHES OR LARGER SHALL BE TUNNELED UNDER AND OTHER ROOTS SHALL BE CUT SMOOTHLY TO THE TRUNK SIDE OF THE TRENCH. THE TRUNK SIDE SHOULD BE DRAPED IMMEDIATELY WITH TWO LAYERS OF UNTREATED BURLAP TO A DEPTH OF 3 FEET FROM THE SURFACE. THE BURLAP SHALL BE SOAKED NIGHTLY AND LEFT IN PLACE UNTIL THE TRENCH IS BACK FILLED TO THE ORIGINAL LEVEL. AN ARBORIST SHALL EXAMINE THE TRENCH PRIOR TO BACK FILLING TO ASCERTAIN THE NUMBER AND SIZE OF ROOTS CUT, SO AS TO SUGGEST THE NECESSARY REMEDIAL REPAIRS.

REMEDIAL REPAIRS:
AN ARBORIST SHALL HAVE THE RESPONSIBILITY OF OBSERVING ALL ONGOING ACTIVITIES THAT MAY AFFECT THE TREES AND PRESCRIBING NECESSARY REMEDIAL WORK TO ENSURE THE HEALTH AND STABILITY OF THE TREES. THIS INCLUDES, BUT IS NOT LIMITED TO, ALL ARBORIST ACTIVITIES BROUGHT OUT IN THE PREVIOUS SECTIONS. IN ADDITION, PRUNING, AS OUTLINED IN INTERNATIONAL SOCIETY OF ARBORICULTURE BEST MANAGEMENT PRACTICES: PRUNING AND ANSI A300 PART 1 STANDARD PRACTICES: PRUNING, SHALL BE PRESCRIBED AS NECESSARY. FERTILIZING, AERATION, IRRIGATION, PEST CONTROL AND OTHER ACTIVITIES SHALL BE PRESCRIBED ACCORDING TO THE TREE NEEDS, LOCAL SITE REQUIREMENTS, AND STATE AGRICULTURAL PEST CONTROL LAWS. ALL SPECIFICATIONS SHALL BE IN WRITING. FOR PEST CONTROL OPERATIONS, CONSULT THE LOCAL COUNTY AGRICULTURAL COMMISSIONER'S OFFICE FOR INDIVIDUALS LICENSED AS PEST CONTROL ADVISORS OR PEST CONTROL OPERATORS.

FINAL INSPECTION:
UPON COMPLETION OF THE PROJECT, THE ARBORIST SHALL REVIEW ALL WORK UNDERTAKEN THAT MAY IMPACT THE EXISTING TREES. SPECIAL ATTENTION SHALL BE GIVEN TO CUTS AND FILLS, COMPACTING, DRAINAGE, PRUNING AND FUTURE REMEDIAL WORK. AN ARBORIST SHOULD SUBMIT A FINAL REPORT IN WRITING OUTLINING THE ONGOING REMEDIAL CARE FOLLOWING THE FINAL INSPECTION.

TREE REMOVAL NOTES

1. CONSTRUCTION PROTECTION FOR TREES MUST BE PROVIDED BEFCRE GRADING OR OTHER EQUIPMENT IS ALLOWED ON THE PROPERTY. SEE DETAILS AND NOTES ON THIS SHEET.
2. ALL TREES SHOWN FOR REMOVAL ARE PERMITTED UNDER CITY PD PERMIT. A NESTING BIRD SURVEY MAY BE REQUIRED IF TREE REMOVAL IS TO TAKE PLACE BETWEEN FEBRUARY 1 AND AUGUST 31. A QUALIFIED BIOLOGIST MUST COMPLETE THIS REPORT PRIOR TO TREE REMOVAL DONE DURING THE NESTING SEASON. REFER TO CONDITIONS OF THE PERMIT FOR ADDITIONAL INFORMATION.
3. CONTRACTOR SHALL TAKE CARE WHEN REMOVING TREES ADJACENT TO TREES TO REMAIN. PROVISIONS FOR THE PROTECTION OF EXISTING TREES MUST BE TAKEN INCLUDING WRAPPING THE TRUNK OF THE ADJACENT TREE PER THE TREE PROTECTION DETAIL. WHEN REMOVING ROOTS, CARE MUST BE TAKEN NOT TO DAMAGE ROOTS OF TREE TO REMAIN. ROOT PRUNING MAY BE NECESSARY AND MUST BE DONE UNDER THE SUPERVISION OF THE ARBORIST.
4. THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING TO DETERMINE THE EXACT EXTENT OF ALL SITE DEMOLITION ITEMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL EXISTING UTILITIES IN THE FIELD PRIOR TO CONSTRUCTION. LOCATIONS SHOWN ON THE PLANS ARE APPROXIMATE AND ARE FOR GENERAL INFORMATION ONLY. HE SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
5. THESE PLANS MAY NOT SHOW ALL EXISTING CITY ELECTRICAL FACILITIES INCLUDING, BUT NOT LIMITED TO, TRAFFIC SIGNALS, STREETLIGHT AND TRAFFIC SIGNAL COMMUNICATION EQUIPMENT, CONDUIT, PULL BOXES, AND WIRING.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL SUCH FACILITIES AND FOR REPAIRING ANY SUCH FACILITIES THAT ARE DAMAGED DURING CONSTRUCTION. PAYMENT FOR LOCATING, COORDINATING, AND REPAIRING EXISTING CITY ELECTRICAL FACILITIES WILL BE DEEMED INCLUDED IN OTHER ITEMS OF WORK, AND NO ADDITIONAL COMPENSATION SHALL BE MADE THEREOF. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS & DETAILS.
7. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION ON THIS PROJECT. CALL U.S.A. AT (800) 624-2444
8. THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THIS CONTRACT FOR REPAIRING AND REPLACING, AT HIS OWN EXPENSE, ANY STRUCTURES, FENCES, WALLS, OR PLANT LIFE DAMAGED OR DESTROYED BY HIS OPERATION. LIKEWISE, HE SHALL BE RESPONSIBLE FOR REPAIRING OR REPLACING ANY AND ALL DAMAGES, OCCURRING BY HIS OPERATION, ON ADJACENT PROPERTIES AND ANYWHERE OUTSIDE THE CONTRACT LIMIT LINES. THE DAMAGED ITEMS SHALL BE RESTORED TO THERE ORIGINAL CONDITIONS AND TO THE SATISFACTION OF THE PROJECT SUPERINTENDENT.
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO KEEP ALL STREET RIGHT-OF-WAYS CLEAN TO THE SATISFACTION OF THE PROJECT SUPERINTENDENT ALL ITEMS INDICATED TO BE REMOVED SHALL BE DISPOSED OF FROM THE PROJECT SITE, EXCEPT ITEMS INDICATED TO BE RE-INSTALLED.
10. ALL TREES TO BE REMOVED SHALL HAVE THEIR STUMPS GROUND DOWN TO A MINIMUM DEPTH OF 24" REMOVE ALL LARGE ROOTS FROM PLANTING AREAS A MINIMUM DISTANCE OF 5' BEYOND THE DRIP LINE OF THE TREE.

SEC. 29.T-2005. PROTECTION OF TREES DURING CONSTRUCTION

(A) PROTECTIVE TREE FENCING SHALL SPECIFY THE FOLLOWING:
(1) SIZE AND MATERIALS. SIX (6) FOOT HIGH CHAIN LINK FENCING, MOUNTED ON TWO-INCH DIAMETER GALVANIZED IRON POSTS, SHALL BE DRIVEN INTO THE GROUND TO A DEPTH OF AT LEAST TWO (2) FEET AT NO MORE THAN 10-FOOT SPACING. FOR PAVING AREA THAT WILL NOT BE DEMOLISHED AND WHEN STIPULATED IN A TREE PRESERVATION PLAN, POSTS MAY BE SUPPORTED BY A CONCRETE BASE.

(2) AREA TYPE TO BE FENCED.
TYPE I: ENCLOSURE WITH CHAIN LINK FENCING OF EITHER THE ENTIRE DRIPLINE AREA OR AT THE TREE PROTECTION ZONE (TPZ), WHEN SPECIFIED BY A CERTIFIED OR CONSULTING ARBORIST.
TYPE II: ENCLOSURE FOR STREET TREES LOCATED IN A PLANTER STRIP: CHAIN LINK FENCE AROUND THE ENTIRE PLANTER STRIP TO THE OUTER BRANCHES.
TYPE III: PROTECTION FOR A TREE LOCATED IN A SMALL PLANTER CUTOUT ONLY (SUCH AS DOWNTOWN): ORANGE PLASTIC FENCING SHALL BE WRAPPED AROUND THE TRUNK FROM THE GROUND TO THE FIRST BRANCH WITH 2-INCH WOODEN BOARDS BOUND SECURELY ON THE OUTSIDE. CAUTION SHALL BE USED TO AVOID DAMAGING ANY BARK OR BRANCHES.

(3) DURATION OF TYPE I, II, III FENCING. FENCING SHALL BE ERECTED BEFORE DEMOLITION, GRADING OR CONSTRUCTION PERMITS ARE ISSUED AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETED. CONTRACTOR SHALL FIRST OBTAIN THE APPROVAL OF THE PROJECT ARBORIST ON RECORD PRIOR TO REMOVING A TREE PROTECTION FENCE.

(4) WARNING SIGN. EACH TREE FENCE SHALL HAVE PROMINENTLY DISPLAYED AN 8.5 X 11-INCH SIGN STATING: "WARNING—TREE PROTECTION ZONE-THIS FENCE SHALL NOT BE REMOVED AND IS SUBJECT TO PENALTY ACCORDING TO TOWN CODE 29.T-2025".

(B) ALL PERSONS, SHALL COMPLY WITH THE FOLLOWING PRECAUTIONS:
(1) PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, INSTALL THE FENCE AT THE DRIPLINE, OR TREE PROTECTION ZONE (TPZ) WHEN SPECIFIED IN AN APPROVED ARBORIST REPORT, AROUND ANY TREE AND/OR VEGETATION TO BE RETAINED WHICH COULD BE AFFECTED BY THE CONSTRUCTION AND PROHIBIT ANY STORAGE OF CONSTRUCTION MATERIALS OR OTHER MATERIALS, EQUIPMENT CLEANING, OR PARKING OF VEHICLES WITHIN THE TPZ. THE DRIPLINE SHALL NOT BE ALTERED IN ANY WAY SO AS TO INCREASE THE ENCROACHMENT OF THE CONSTRUCTION.

(2) PROHIBIT ALL CONSTRUCTION ACTIVITIES WITHIN THE TPZ, INCLUDING BUT NOT LIMITED TO: EXCAVATION,GRADING, DRAINAGE AND LEVELING WITHIN THE DRIPLINE OF THE TREE UNLESS APPROVED BY THE DIRECTOR.

(3) PROHIBIT DISPOSAL OR DEPOSITING OF OIL, GASOLINE, CHEMICALS OR OTHER HARMFUL MATERIALS WITHIN THE DRIPLINE OF OR IN DRAINAGE CHANNELS, SWALES OR AREAS THAT MAY LEAD TO THE DRIPLINE OF A PROTECTED TREE.

(4) PROHIBIT THE ATTACHMENT OF WIRES, SIGNS OR ROPES TO ANY PROTECTED TREE.

(5) DESIGN UTILITY SERVICES AND IRRIGATION LINES TO BE LOCATED OUTSIDE OF THE DRIPLINE WHEN FEASIBLE.

(6) RETAIN THE SERVICES OF A CERTIFIED OR CONSULTING ARBORIST WHO SHALL SERVE AS THE PROJECT ARBORIST FOR PERIODIC MONITORING OF THE PROJECT SITE AND THE HEALTH OF THOSE TREES TO BE PRESERVED. THE PROJECT ARBORIST SHALLBE PRESENT WHENEVER ACTIVITIES OCCUR WHICH MAY POSE A POTENTIAL THREAT TO THE HEALTH OF THE TREES TO BE PRESERVED AND SHALL DOCUMENT ALL SITE VISITS.

(7) THE DIRECTOR AND PROJECT ARBORIST SHALL BE NOTIFIED OF ANY DAMAGE THAT OCCURS TO A PROTECTED TREE DURING CONSTRUCTION SO THAT PROPER TREATMENT MAY BE ADMINISTERED. (ORD. NO. 2114, §§ I, II, 8-4-03)

SEC. 29.T-2010. PRUNING AND MAINTENANCE

ALL PRUNING SHALL BE IN ACCORDANCE WITH THE CURRENT VERSION OF THE INTERNATIONAL SOCIETY OF ARBORICULTURE BEST MANAGEMENT PRACTICES—TREE PRUNING AND ANSI A300-PART 1 TREE, SHRUB AND OTHER WOODY PLANT MANAGEMENT—STANDARD PRACTICES, (PRUNING) AND ANY SPECIAL CONDITIONS AS DETERMINED BY THE DIRECTOR. FOR DEVELOPMENTS, WHICH REQUIRE A TREE PRESERVATION REPORT, A CERTIFIED OR CONSULTING ARBORIST SHALL BE IN REASONABLE CHARGE OF ALL ACTIVITIES INVOLVING PROTECTED TREES, INCLUDING PRUNING, CABLING AND ANY OTHER WORK IF SPECIFIED.

(1) ANY PUBLIC UTILITY INSTALLING OR MAINTAINING ANY OVERHEAD WIRES OR UNDERGROUND PIPES OR CONDUITS IN THE VICINITY OF A PROTECTED TREE SHALL OBTAIN PERMISSION FROM THE DIRECTOR BEFORE PERFORMING ANY WORK, INCLUDING PRUNING, WHICH MAY CAUSE INJURY TO A PROTECTED TREE. (E.G. CABLE TV/FIBER OPTIC TRENCHING, GAS, WATER, SEWER TRENCH, ETC.).

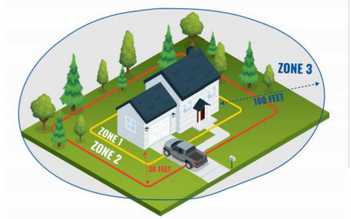
(2) PRUNING FOR CLEARANCE OF UTILITY LINES AND ENERGIZED CONDUCTORS SHALL BE PERFORMED IN COMPLIANCE WITH THE CURRENT VERSION OF THE AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A300 (PART 1)- PRUNING, SECTION 5.9 UTILITY PRUNING. USING SPIKES OR GAFFS WHEN PRUNING, EXCEPT WHERE NO OTHER ALTERNATIVE IS AVAILABLE, IS PROHIBITED.

(3) NO PERSON SHALL PRUNE, TRIM, CUT OFF, OR PERFORM ANY WORK, ON A SINGLE OCCASION OR CUMULATIVELY, OVER A THREE-YEAR PERIOD, AFFECTING TWENTY-FIVE PERCENT OR MORE OF THE CROWN OF ANY PROTECTED TREE WITHOUT FIRST OBTAINING A PERMIT PURSUANT TO THIS DIVISION EXCEPT FOR POLLARDING OF FRUITLESS MULBERRY TREES (MORUS ALBA) OR OTHER SPECIES APPROVED BY THE TOWN ARBORIST. APPLICATIONS FOR A PRUNING PERMIT SHALL INCLUDE PHOTOGRAPHS INDICATING WHERE PRUNING IS PROPOSED.

(4) NO PERSON SHALL REMOVE ANY HERITAGE TREE OR LARGE PROTECTED TREE BRANCH OR ROOT THROUGH PRUNING OR OTHER METHOD GREATER THAN FOUR (4) INCHES IN DIAMETER (12.5" IN CIRCUMFERENCE) WITHOUT FIRST OBTAINING A PERMIT PURSUANT TO THIS DIVISION.

Defensible Space Zones

Following are guidelines from Santa Clara County Fire Department on how to create and maintain effective defensible space zones:



Zone 1, extends 0 to 5 feet out: The Noncombustible Zone

- Remove all plants and vegetation, especially those touching your home.
- Clean roofs and gutters of dead leaves, debris and pine needles that could catch embers.
- Replace or repair any loose or missing shingles or roof tiles to prevent ember penetration.
- Reduce embers that could pass through vents in the eaves by installing 1/8 inch metal mesh screening.
- Clean debris from exterior attic vents and install 1/8 inch metal mesh screening to block embers.
- Repair or replace damaged or loose window screens and any broken windows.
- Screen or box-in areas below patios and decks with wire mesh to prevent debris and combustible materials from accumulating.
- Move any flammable material away from wall exteriors – mulch, flammable plants, leaves and needles, firewood piles – anything that can burn. Remove anything stored underneath decks or porches.
- Mandated for new construction

Zone 2, extends 30 feet out: The Clean and Green Zone

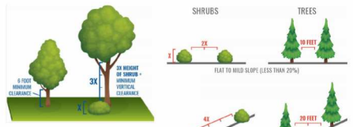
- Remove all dead plants, grass and weeds (vegetation).
- Remove dead or dry leaves and pine needles from your yard, roof and rain gutters.
- Trim trees regularly to keep branches a minimum of 10 feet from other trees.
- Remove branches that hang over your roof and keep dead branches 10 feet away from your chimney.

Zone 3, extends 100 feet out: The Reduced Fuel Zone

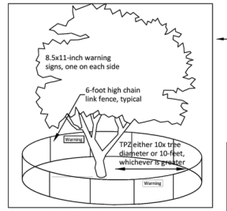
- Create horizontal spacing between shrubs and trees. (See diagram below)
- Create vertical spacing between grass, shrubs and trees. (See diagram below)
- Dispose of heavy accumulations of ground litter/debris.
- Remove dead plant and tree material.
- Remove small conifers growing between mature trees.
- Remove vegetation adjacent to storage sheds or other outbuildings within this area.
- Trees 30 to 60 feet from the home should have at least 12 feet between canopy tops.
- Trees 60 to 100 feet from the home should have at least 6 feet between the canopy tops.

Plant and Tree Spacing

For vertical spacing remove all tree branches at least 6 feet from the ground. If there is a shrub near the tree, the branch clearance needs to be 3 times the height of the shrub. *Example: A 5-foot shrub is growing near a tree. 3×5 = 15 feet of clearance needed between the top of the shrub and the lowest tree branch.*



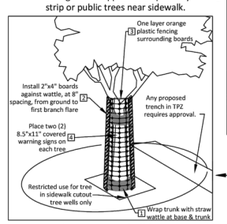
Tree Protection Zone (TPZ) shown in gray (radius of TPZ equals 10-times the diameter of the tree or 10-feet, whichever is greater).



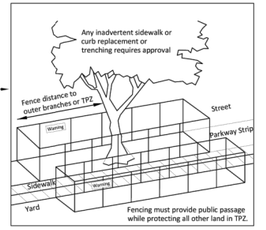
Type I Tree Protection: Layout configuration applies to all Protected Trees, matching the site diagram with the tree preservation report (TPR) distances written for this project. Fencing should be shown on plans as it will be installed. A curved fence for a TPZ is generally not practical.

Inspection pass/fail is dependent on correct layout and mounted sign placard.

Place two (2) 8.5"x11" covered warning signs at each tree.



Type II Tree Protection: Layout configuration applies to all parkway strip or public trees near sidewalk.

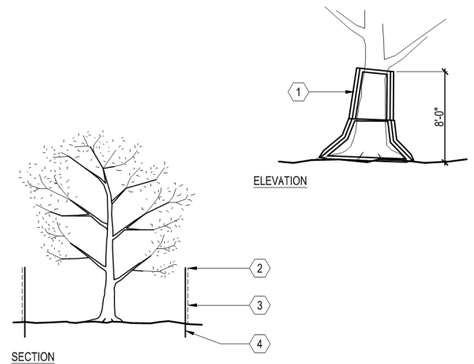


Type III Tree Protection: Layout for trunk protection applies to all Protected Trees when exclusively authorized for sidewalk cut-out. To be used only with approval from Public Works Operations.

Required protection shall be executed before demolition, excavation or site work occurs.

NOTES:
1. CONSTRUCTION PERIOD PROTECTION FOR TREES SHOULD BE PROVIDED BEFORE GRADING OR OTHER EQUIPMENT IS ALLOWED ON THE PROPERTY.
2. WHEN CONSTRUCTION IS TO TAKE PLACE BENEATH A TREE CANOPY ON ONE SIDE, THE FENCE SHOULD BE SITED 2 TO 3 FEET BEYOND THAT CONSTRUCTION, BUT BETWEEN CONSTRUCTION AND THE TREE TRUNK.
3. IF CONSTRUCTION OR PAVING IS TO TAKE PLACE THROUGHOUT THE AREA BENEATH CANOPY, AND DRIP LINE FENCING IS NOT PRACTICAL, SNOW FENCING SHOULD BE USED TO PROTECT THE TRUNKS FROM DAMAGE.

1. SNOW FENCING THREE LAYERS OF WIRE AND LATH SNOW FENCING TO 8 FEET ABOVE GROUND ON TREES WHERE CONSTRUCTION WILL TAKE PLACE BENEATH THE CANOPY.
2. TOP OF FENCE WITH FLUORESCENT FLAGGING TAPE HUNG EVERY 10 FEET
3. 6' CHAIN LINK OR WELDED WIRE MESH
4. 8' FENCE POST OF 2" DIAMETER GI PIPE OR T-ANGLE POST
5. FENCE PLACED AT DRIP LINE OR 50% GREATER THAN THE TREE CANOPY RADIUS WHERE POSSIBLE



A TREE PROTECTION FENCING
SCALE: NOT TO SCALE

HMH
Land Use Entitlements
Land Planning
Landscape Architecture
Civil Engineering
Utility Design
Land Surveying
Stormwater Compliance
1570 Oakland Road (408) 487-2200
San Jose, CA 95131 HMHca.com

SURREY FARMS ESTATES
TWIN OAKS DRIVE, LOS GATOS
DEVELOPMENT REVIEW PLAN SET

NO	DATE	DESCRIPTION
6	10/17/2025	PER CITY COMMENTS
5	9/15/2025	PER CITY COMMENTS
4	7/25/2025	PER CITY COMMENTS
3	4/18/2025	PER CITY COMMENTS
2	3/31/2025	PER CITY COMMENTS
1	1/8/2025	PER CITY COMMENTS

PROJECT NO:	4185.10
CAD DWG FILE:	418510CL- OVERALL.DWG
DESIGNED BY:	HMH
DRAWN BY:	JN
CHECKED BY:	ST
DATE:	JUNE 6, 2025
SCALE:	NONE

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TREE NOTES AND TREE PROTECTION FENCING DETAIL

T-12

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