

PARKING & HARDSCAPE SHADING CALCULATIONS

CANOPY SIZE	KEY	TREE SHADE CREDIT												TOTAL TREES	TOTAL SHADING AREA SF	SUMMARY		NOTES
		100% (F)			75% (TQ)			50% (H)			25% (Q)					TOTAL VEHICULAR PAVED AREA:	TOTAL PEDESTRIAN PAVED AREA:	
		QTY	CREDIT	TOTAL	QTY	CREDIT	TOTAL	QTY	CREDIT	TOTAL	QTY	CREDIT	TOTAL			524,965 SF	263,075 SF	
35' CANOPY	35	17	962	16,354	74	722	53,428	102	481	49,062	3	240	720	196	119,564	TOTAL PAVED AREA:	524,965 SF	1. SHADE PERCENTAGES DETERMINED BY CANOPY SIZE AND POSITION OF TREE IN RELATION TO HARDSCAPE. 2. THE SHADE PERCENTAGE FIGURES ARE BASED ON OF THE CANOPY SPREAD OF THE TREE 15 YEARS FROM TIME OF PLANTING. 3. TREE SPECIES TO BE DETERMINED AND WILL BE IN COMPLIANCE WITH SIZING RANGE NOTED. REFER TO SHEET L2.02 FOR PALETTE.
30' CANOPY	30	6	708	4,248	55	531	29,205	67	354	23,718	7	177	1,239	135	58,410	TOTAL REQUIRED SHADE AREA (50)%:	262,483 SF	
25' CANOPY	25	6	491	2,946	70	368	25,760	124	246	30,504	10	123	1,230	210	60,440	TOTAL SHADE PROVIDED BY TREES:	264,647 SF	
20' CANOPY	20	16	314	5,024	10	236	2,360	111	157	17,427	18	79	1,422	155	26,233	% SHADE PROVIDED:	50%	
														696	264,647	OVER/UNDER:	2,165 SF	

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The Promenade
 Davis, CA

Davis Gateway
 3500 Anderson Road
 Davis, CA 95616

Sheet Title:
PARKING LOT AND HARDSCAPE SHADE CALCULATIONS
 Job No. 22004
 Date: 05/12/2023
 Scale: NA
 Drawn By: WM/RV/DF

Sheet No:
L4.01

UPRR ROW










MATCHLINE
SEE SHEET L4.03

PG&E
TRANSMISSION
LINE WIRE ZONE
0FT MAX
PLANTING

PG&E
DISTRIBUTION
LINE WIRE ZONE
25FT MAX
PLANTING

SYMBOLS LEGEND

-  VEHICULAR PAVED AREA
-  PEDESTRIAN PAVED AREA
-  CARPORT SHADED AREA
-  100% SHADE VALUE
-  75% SHADE VALUE
-  50% SHADE VALUE
-  25% SHADE VALUE

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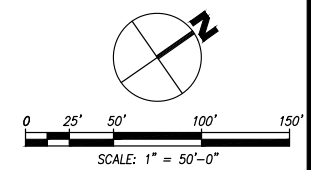
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Sheet Title:
**PARKING LOT AND
HARDSCAPE
SHADE STUDY**

Job No. 22004
Date: 05/12/2023
Scale: 1"=50'
Drawn By: WM/RV/DF

Sheet No:
L4.02



OLD DAVIS ROAD

UPRR ROW








PG&E TRANSMISSION LINE WIRE ZONE 10FT MAX PLANTING
PG&E DISTRIBUTION LINE WIRE ZONE 25FT MAX PLANTING

MATCHLINE SEE SHEET L4.04

MATCHLINE SEE SHEET L4.02



SYMBOLS LEGEND

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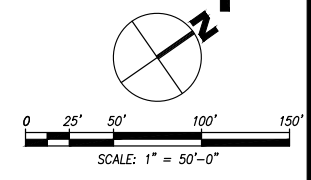
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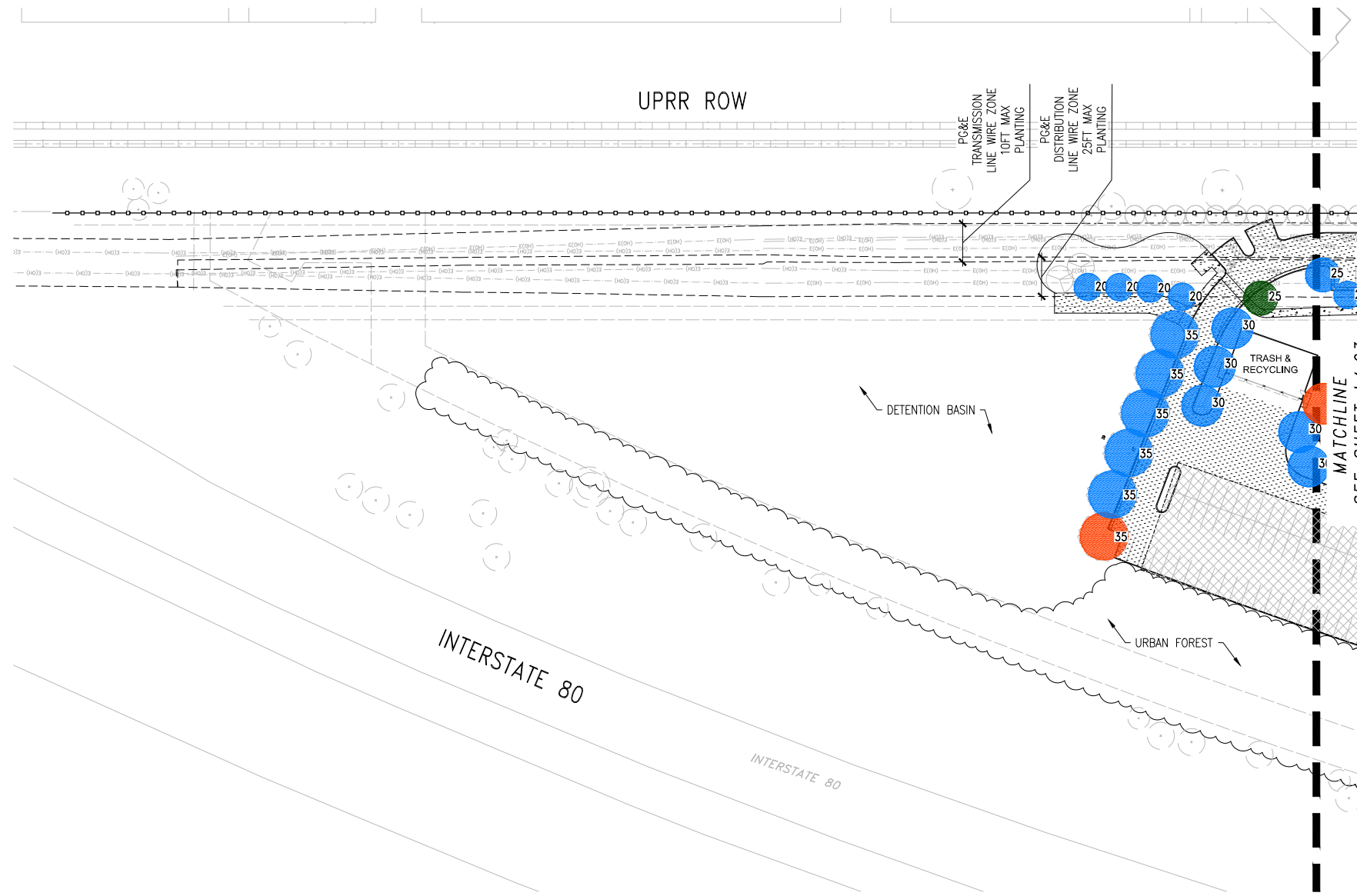
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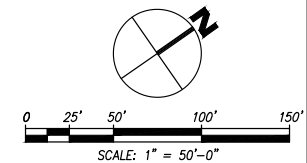
Sheet No:
L4.03





SYMBOLS LEGEND

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