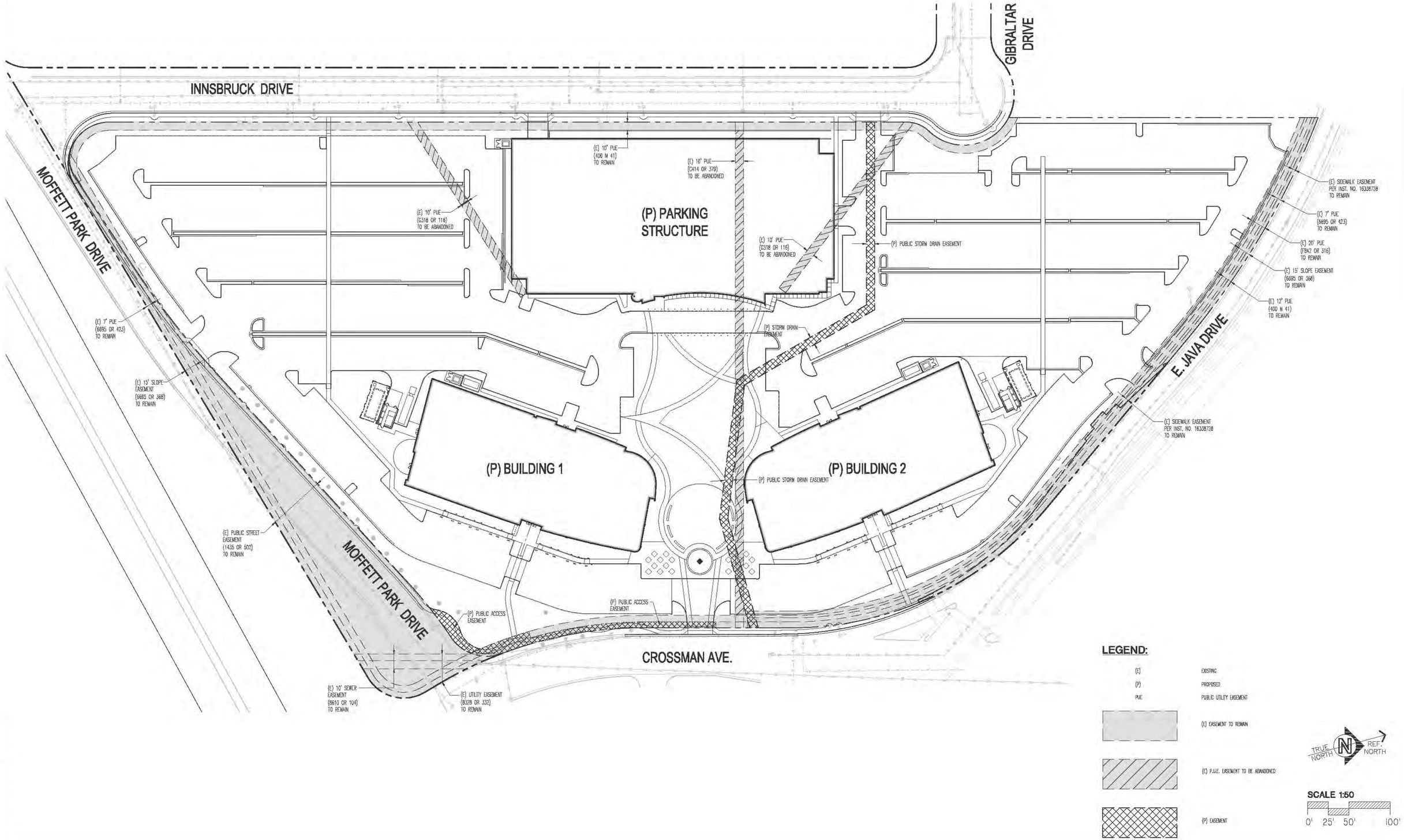

JAY PAUL COMPANY

Moffett Gateway Sunnyvale, CA.

Project Number: 9943.001

PRELIMINARY EASEMENT EXHIBIT

MMPDR - 04.24.2013
RESUBMITTAL - 07.19.2013

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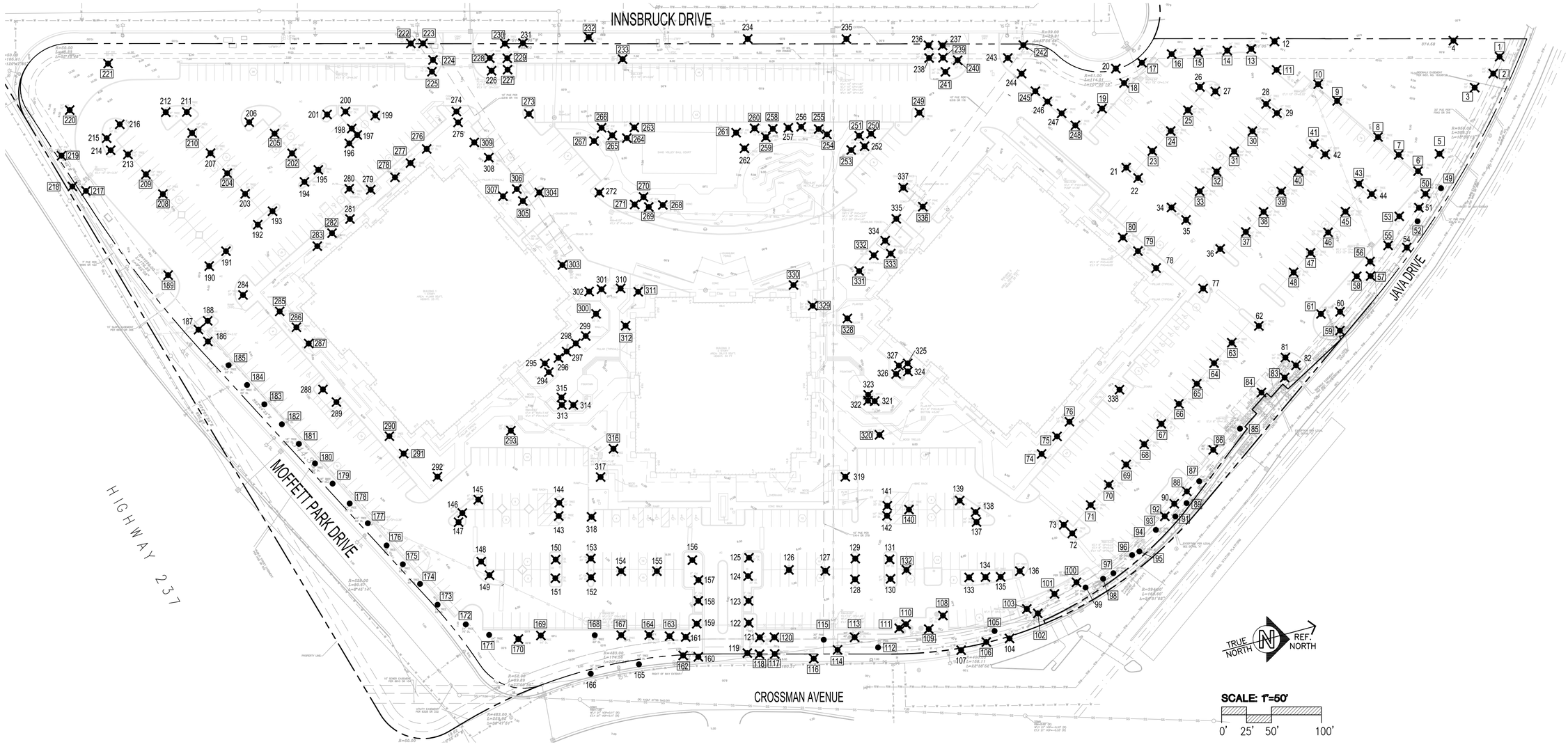

EXISTING TREES TO REMAIN

NO	BOTANICAL NAME	COMMON NAME	DIA @ 54"up	SIGNIFIGANT SIZE TREE	STATUS
49	Pinus canariensis	Canary Island Pine	18	Y	TR
52	Pinus canariensis	Canary Island Pine	19	Y	TR
85	Pinus canariensis	Canary Island Pine	28	Y	TR
87	Pinus canariensis	Canary Island Pine	25	Y	TR
89	Pinus canariensis	Canary Island Pine	15	Y	TR
91	Pinus canariensis	Canary Island Pine	16	Y	TR
93	Pinus canariensis	Canary Island Pine	24	Y	TR
95	Pinus canariensis	Canary Island Pine	15	Y	TR
96	Pinus canariensis	Canary Island Pine	17	Y	TR
97	Pinus canariensis	Canary Island Pine	16	Y	TR
98	Pinus canariensis	Canary Island Pine	24	Y	TR
99	Pinus canariensis	Canary Island Pine	12	N	TR
105	Pinus canariensis	Canary Island Pine	26	Y	TR
112	Pinus canariensis	Canary Island Pine	20	Y	TR
115	Pinus canariensis	Canary Island Pine	27	Y	TR
165	Pistacia chinensis	Chinese Pistache	12	N	TR
166	Pistacia chinensis	Chinese Pistache	9	N	TR
168	Fraxinus udhei	Shamel Ash	21	Y	TR
171	Fraxinus udhei	Shamel Ash	30	Y	TR
172	Fraxinus udhei	Shamel Ash	25	Y	TR
173	Fraxinus udhei	Shamel Ash	22	Y	TR
174	Fraxinus udhei	Shamel Ash	20	Y	TR
175	Fraxinus udhei	Shamel Ash	17	Y	TR
176	Fraxinus udhei	Shamel Ash	18	Y	TR
177	Fraxinus udhei	Shamel Ash	20	Y	TR
178	Fraxinus udhei	Shamel Ash	22	Y	TR
179	Fraxinus udhei	Shamel Ash	20	Y	TR
180	Fraxinus udhei	Shamel Ash	17	Y	TR
181	Fraxinus udhei	Shamel Ash	19	Y	TR
182	Fraxinus udhei	Shamel Ash	22	Y	TR
183	Fraxinus udhei	Shamel Ash	23	Y	TR
184	Fraxinus udhei	Shamel Ash	26	Y	TR
185	Fraxinus udhei	Shamel Ash	26	Y	TR

NOTES:
1. INFORMATION PER ARBORIST'S REPORT DATED: MARCH 11, 2013
2. REFER TO ARBORIST REPORT FOR COMPLETE LIST OF EXISTING TREE

LEGEND:

1 ● Existing Tree to Remain

1 ✖ Existing Tree to be Removed

[1] ● Existing Tree of Significant Size

TR = To Remain
Demo = To Be Removed
Tree removal based on:
Tree location conflicts with proposed construction and/or tree health

JAY PAUL COMPANY

Moffett Gateway Sunnyvale, CA.

Project Number: 9943.001

EXISTING TREE PLAN

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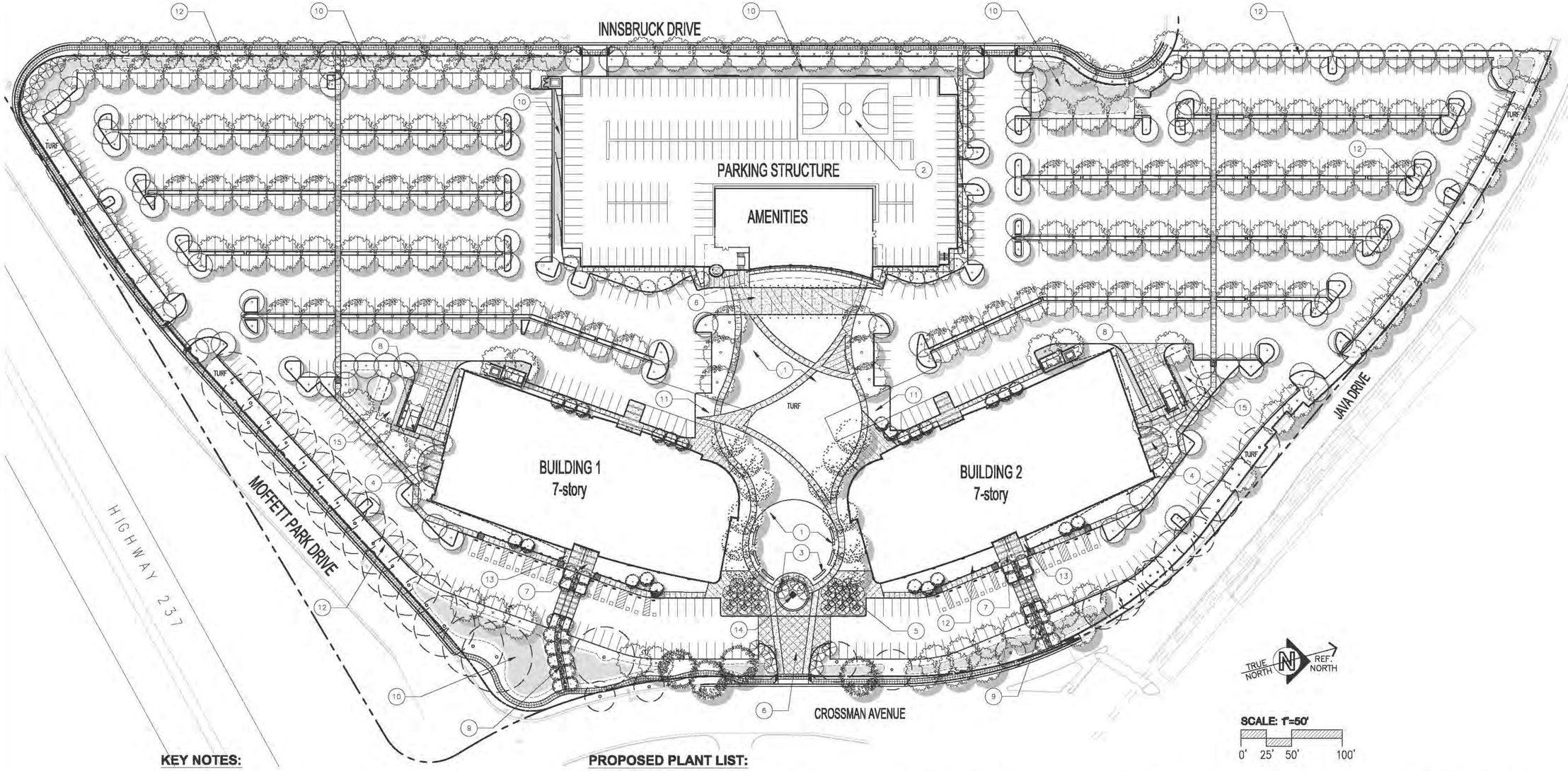

KEY NOTES:

1. OPEN LAWN AREA W/ SPECIMEN TREES AND POCKETS OF SEATING SPACES AT PERIMETER
2. BASKETBALL COURT ON TOP LEVEL OF PARKING GARAGE
3. SEATWALLS FOR RESPITE IN TURF
4. CAFE PATIO – FUTURE BY TENANT
5. BOSQUE OF TREES W/ LOW PLANTING
6. ENHANCED PAVING IN DRIVE AISLE
7. BUILDING ENTRY W/ ENHANCED PAVING
8. SERVICE AREAS AND GENERATORS TO BE SCREENED W/ PLANT MATERIAL. REFER TO SHEET J8 & E19 FOR SCREENING TREATMENTS
9. ENHANCED PEDESTRIAN CONNECTION TO CITY WALK
10. BIORETENTION APPROPRIATE PLANTINGS
11. VEHICULAR RATED DRIVING SURFACE W/ INTERCELL PLANTINGS
12. PLANTING AREA; REFER TO SHEET L3 – PRELIMINARY HYDROZONE PLAN
13. BICYCLE PARKING – 12 BIKE CAPACITY EACH BUILDING, 24 TOTAL
14. POSSIBLE LOCATION OF PUBLIC ART
15. LOCATION OF FUTURE EMERGENCY GENERATOR

PROPOSED PLANT LIST:

Code Name	Scientific Name	Common Name	Planting Size	WUCOLS *	Comments/Notes
	TREES				
EXISTING	Existing Tree to Remain				
ACE ARM	Acer r. 'Armstrong'	Armstrong Red Maple	36" Box	Moderate	
ACE GRI	Acer griseum	Paperbark Maple	36" Box	Moderate	
ARB MAR	Arbutus 'Marina'	Strawberry Tree	36" Box	Low	Multi Stem
FRA MAJ	Fraxinus u. 'Majestic Beauty'	Evergreen Ash	36" Box	Moderate	Along Moffett Park Drive
LAG MUS	Lagerstroemia x. 'Muskogee'	Lavender Crape Myrtle	36" Box	Moderate	Standard Form
MEL QUI	Melaleuca quinquenervia	Paperbark Tree	36" Box	Low	Multi-Trunk
PIN CAN	Pinus canariensis	Canary Island Pine	36" Box	Low	High Branching/Standard Form
PIS CHI	Pistacia chinensis 'Keith Davey'	Chinese Pistache	24" Box	Low	Standard Form
PYR NEW	Pyrus c. 'New Bradford'	Ornamental Pear	24" Box	Moderate	Standard Form
PYR RED	Pyrus c. 'Red Spire'	Ornamental Pear	24" Box	Moderate	Standard Form
QUE RUB	Quercus rubra	Red Oak	60" Box	Moderate	Specimen in Central Open Space
ULM PAR	Ulmus p. 'True Green'	Chinese Evergreen Elm	24" Box	Moderate	

Code Name	Scientific Name	Common Name	Planting Size	WUCOLS *	Comments/Notes
	SHRUBS/ ORNAMENTAL GRASSES				
ABE EDW	Abelia x. 'Edward Goucher'	Abelia	5-Gal	Moderate	36"o.c.
CAL STR	Calamagrostis x. a. 'Stricta'	Feather Reed Grass	5-Gal	Low	36"o.c.
CAR TUM	Carex tumicola	Berkeley Sedge	1-Gal	Low	18"o.c.
COR SPP	Correa spp.	Australian Fuchia	1-Gal	Low	30"o.c.
COT COG	Cotinus coggygria	Smoke Bush	15-Gal	Low	60"o.c.
DIE ORA	Dietes h. 'Orange Drops'	Hybrid Fortnight Lily	5-Gal	Moderate	30"o.c.
DOD PUR	Dodonaea v. 'Purpurea'	Purple Hopseed Bush	15-Gal	Low	48"o.c. – For Screening at Trash/Utilities
EUO COL	Euonymus f. 'Colorata'	Purple-Leaf Winter Creeper	1-Gal	Moderate	36"o.c.
HEM HYB	Hemerocallis hybrid	Evergreen Daylily (yellow)	1-Gal	Moderate	24"o.c.
MIS VAR	Miscanthus s. 'Variegatus'	Variegated Japanese Silver Grass	5-Gal	Moderate	36"o.c.
MUH CAP	Muhlenbergia c. 'Regal Mist'	Pink Muhly	5-Gal	Low	36"o.c.
ROS RED	Rosa flower carpet	Flower Carpet Rose	2-Gal	Low	30"o.c. – Tesselaar brand
PEN RUB	Pennisetum s. 'Rubrum'	Purple Fountain Grass	5-Gal	Moderate	36"o.c.
PIT SIL	Pittosporum t. 'Silvery Sheen'	Silvery Sheen Pittosporum	15-Gal	Moderate	48"o.c. – For Screening at Trash/Utilities
	VINES				
FIC PUM	Ficus pumila	Creeping Fig	5-Gal	Moderate	
CLE ARM	Clematis armandii	Evergreen Clematis	5-Gal	Moderate	For use on Vertical Vine Trellis for Screening
	TURF				
TURF BLEND	Festuca rubra 'Molate'	Molate Red Fescue	Sod	Low	
	Festuca idahoensis	Idaho Fescue	Sod	Low	
	Festuca occidentalis	Western Molelumne Fescue	Sod	Low	

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Moffett Gateway Sunnyvale, CA.

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PRELIMINARY LANDSCAPE PLAN

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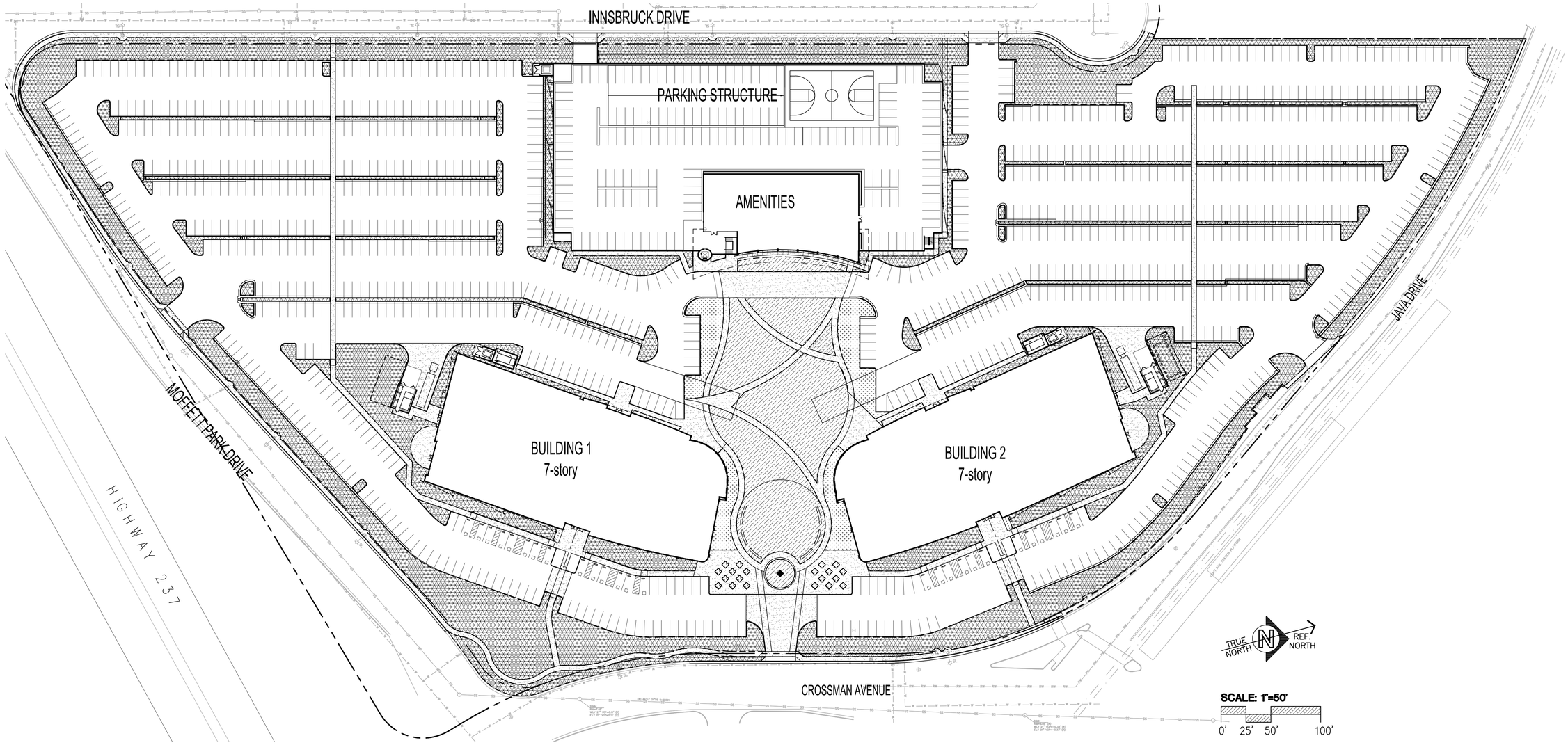

HYDROZONES:

	LOW WATER USE* (INCLUDES BIORETENTION PLANTINGS) 96,557 S.F.
	MODERATE WATER USE* 13,477 S.F.
	SPECIAL LANDSCAPE AREA 25,549 S.F.
	TOTAL 135,583 S.F.

* WUCOLS = Water Use Classifications of Landscape Species

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Moffett Gateway Sunnyvale, CA.

Project Number: 9943.001

PRELIMINARY HYDROZONE PLAN

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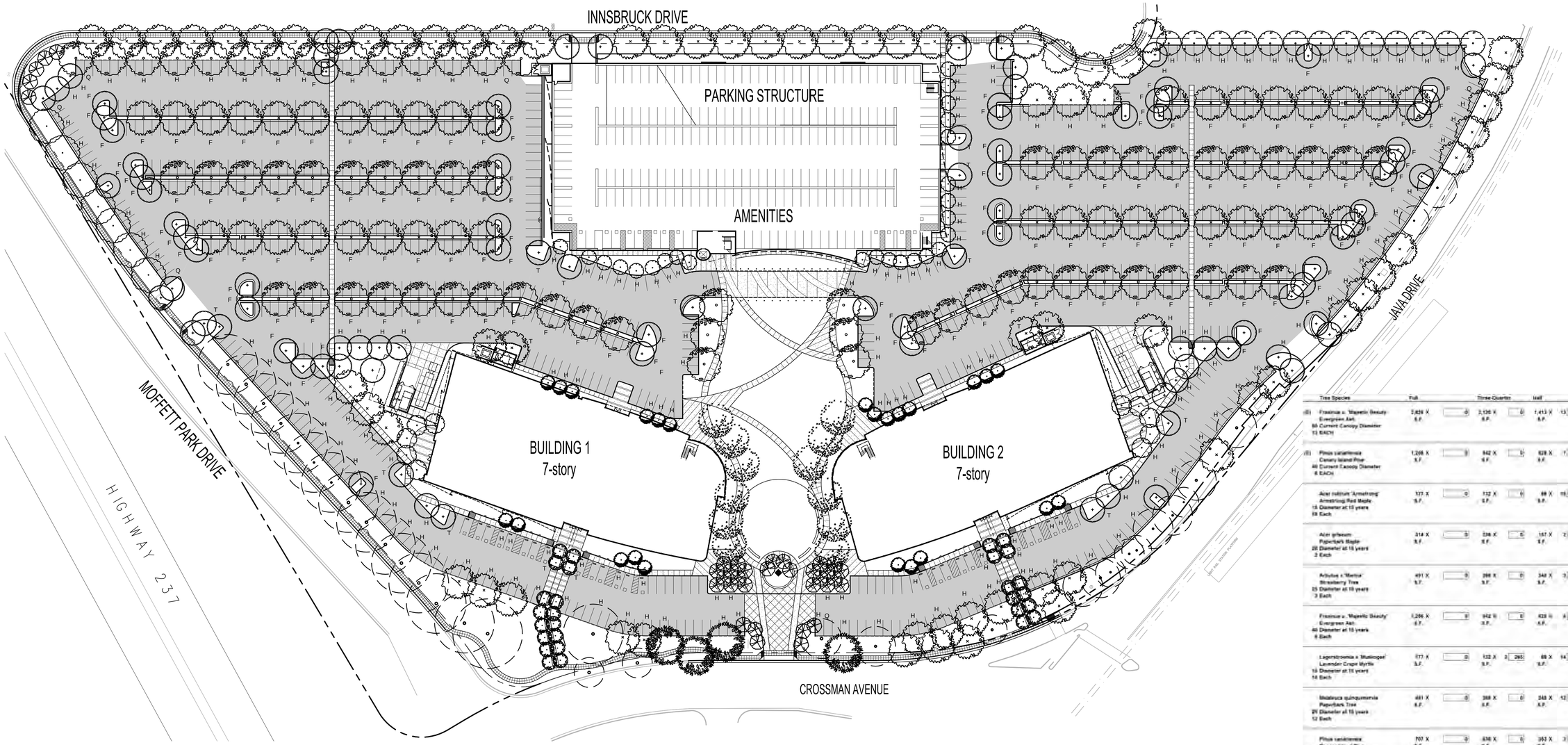

Tree Species	Full		Three-Quarter		Half		Quarter		Total
(E) Fraxinus u. 'Majestic Beauty' Evergreen Ash 60 Current Canopy Diameter 13 EACH	2,826 X S.F.	0	2,126 X S.F.	0	1,413 X S.F.	13 18,369	707 X S.F.	0	18,369
(E) Pinus canariensis Canary Island Pine 40 Current Canopy Diameter 6 EACH	1,206 X S.F.	0	942 X S.F.	0	628 X S.F.	7 4,396	314 X S.F.	1 314	4,710
Acer rubrum 'Armstrong' Armstrong Red Maple 15 Diameter at 15 years 18 Each	177 X S.F.	0	132 X S.F.	0	88 X S.F.	18 1,580	44 X S.F.	0	1,580
Acer griseum Paperbark Maple 20 Diameter at 15 years 2 Each	314 X S.F.	0	236 X S.F.	0	157 X S.F.	2 314	79 X S.F.	0	314
Arbutus x 'Marina' Strawberry Tree 25 Diameter at 15 years 3 Each	491 X S.F.	0	368 X S.F.	0	246 X S.F.	3 738	123 X S.F.	0	738
Fraxinus u. 'Majestic Beauty' Evergreen Ash 40 Diameter at 15 years 6 Each	1,206 X S.F.	0	942 X S.F.	0	628 X S.F.	6 2,768	314 X S.F.	0	2,768
Lagerstroemia x 'Muskogee' Lavender Crape Myrtle 15 Diameter at 15 years 14 Each	177 X S.F.	0	132 X S.F.	2 265	88 X S.F.	14 1,236	44 X S.F.	0	1,501
Melaleuca quinquenervia Paperbark Tree 20 Diameter at 15 years 12 Each	491 X S.F.	0	368 X S.F.	0	246 X S.F.	12 2,944	123 X S.F.	0	2,944
Pinus canariensis Canary Island Pine 30 Diameter at 15 years 3 Each	707 X S.F.	0	530 X S.F.	0	353 X S.F.	3 1,060	177 X S.F.	0	1,060
Pistacia chinensis 'Keith Davey' Chinese Pistache 20 Diameter at 15 years 74 Each	707 X S.F.	39 28,847	530 X S.F.	2 1,060	353 X S.F.	32 11,304	177 X S.F.	1 177	39,817
Pyrus c. 'New Bradford' Ornamental Pear 25 Diameter at 15 years 90 Each	491 X S.F.	64 25,494	368 X S.F.	11 4,048	246 X S.F.	23 5,642	123 X S.F.	2 246	35,429
Pyrus c. 'Red Spire' Ornamental Pear 15 Diameter at 15 years 18 Each	177 X S.F.	0	132 X S.F.	0 0	88 X S.F.	19 1,679	44 X S.F.	0	1,679
Quercus rubra Red Oak 30 Diameter at 15 years 0 Each	962 X S.F.	0	721 X S.F.	0	481 X S.F.	0	240 X S.F.	0	0
Ulmus p. 'True Green' Chinese Evergreen Elm 20 Diameter at 15 years 65 Each	962 X S.F.	46 43,373	721 X S.F.	0	481 X S.F.	16 8,665	240 X S.F.	2 481	52,499

TOTAL SHADED AREA 161,686
TOTAL PAVED AREA 315,686
PERCENTAGE SHADED 51%

JAY PAUL COMPANY

Moffett Gateway Sunnyvale, CA.

Project Number: 9943.001

PRELIMINARY SHADE STUDY

MMPDR - 04.24.2013
MMPDR - 07.19.2013

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