



VICINITY MAP

N.T.S.



PROJECT DIRECTORY

APPLICANT:
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3581 MOUNT DIABLO BLVD., SUITE 235
LAFAYETTE, CA. 94549
PHONE: (925) 283-5070
CONTACT: JEFF BERBERICH

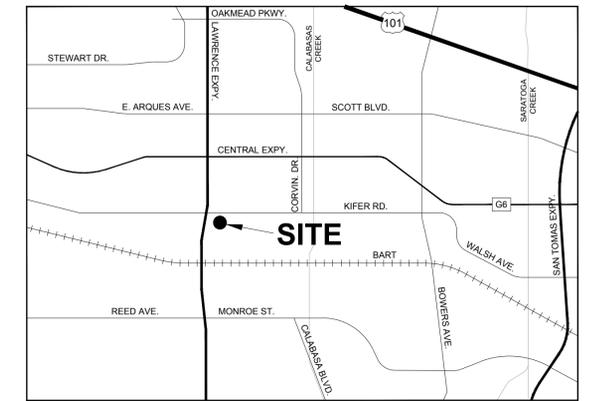
MG2 ARCHITECTS:
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SEATTLE, WA 98101
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CIVIL ENGINEER/SURVEY:
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LANDSCAPE ARCHITECT:
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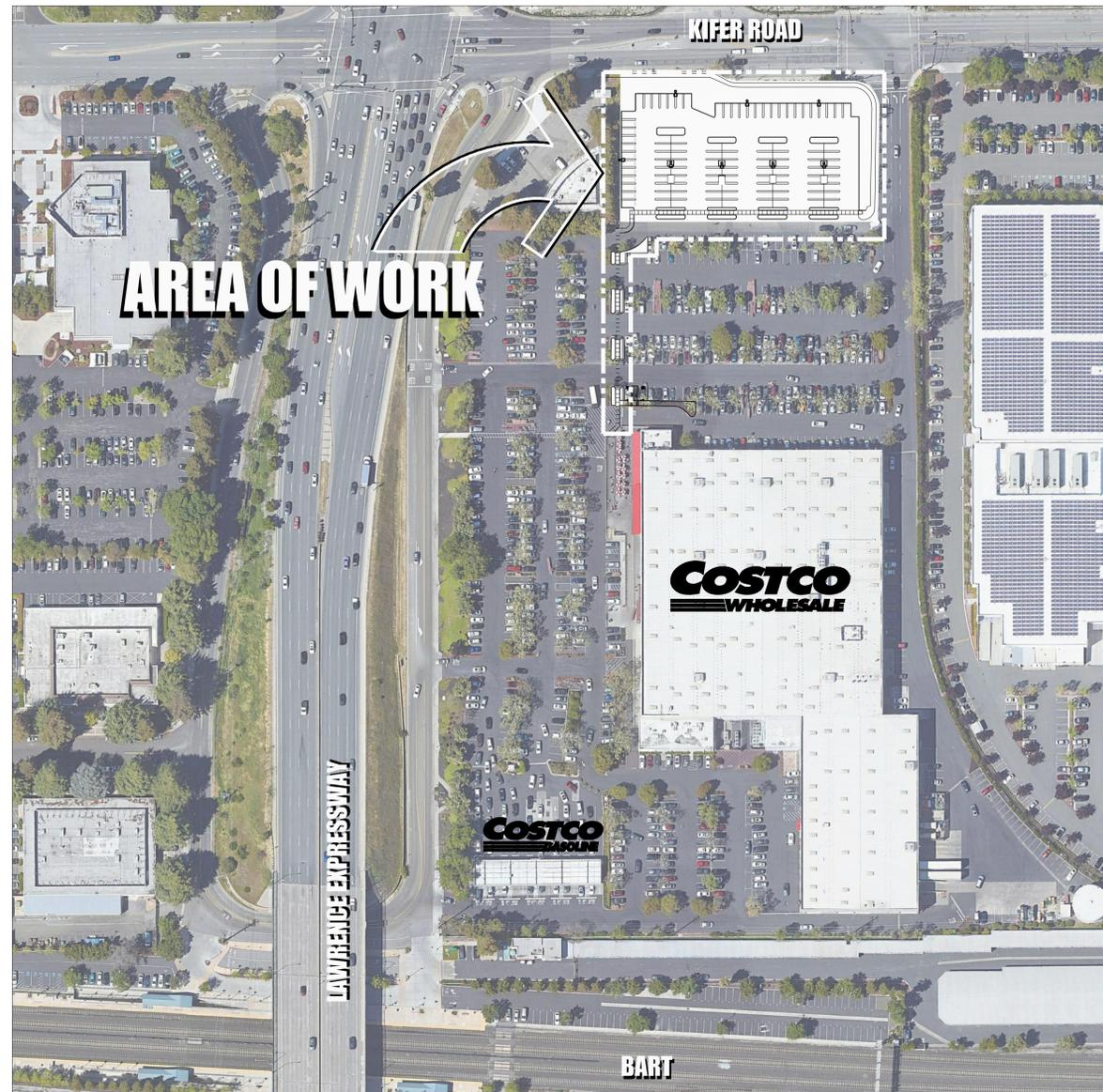
COSTCO WHOLESALE SUNNYVALE, CA

APPLICATION FOR: MINOR SPECIAL DEVELOPMENT PERMIT



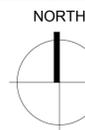
REGIONAL MAP

N.T.S.



LOCATION MAP

Scale: N.T.S.



PROJECT DATA

PROJECT LOCATION:	1210 KIFER ROAD, SUNNYVALE, CA 94086
PARCEL NUMBER:	APN: 216-27-053
CURRENT ZONING:	MXD1 FLEXIBLE MIXED USE DISTRICT
SITE AREA:	1.6 ACRES (69,701 SF.)
JURISDICTION:	CITY OF SUNNYVALE, CA
BOUNDARIES INFORMATION:	THIS PLAN HAS BEEN PREPARED USING SITE DATA FROM KIER & WRIGHT DATED SEPTEMBER 2017

SCOPE OF WORK

DEMOLITION OF AN EXISTING RESTAURANT AND PARKING LOT FOR AN EXPANSION OF THE EXISTING COSTCO WHOLESALE PARKING LOT

SHEET INDEX

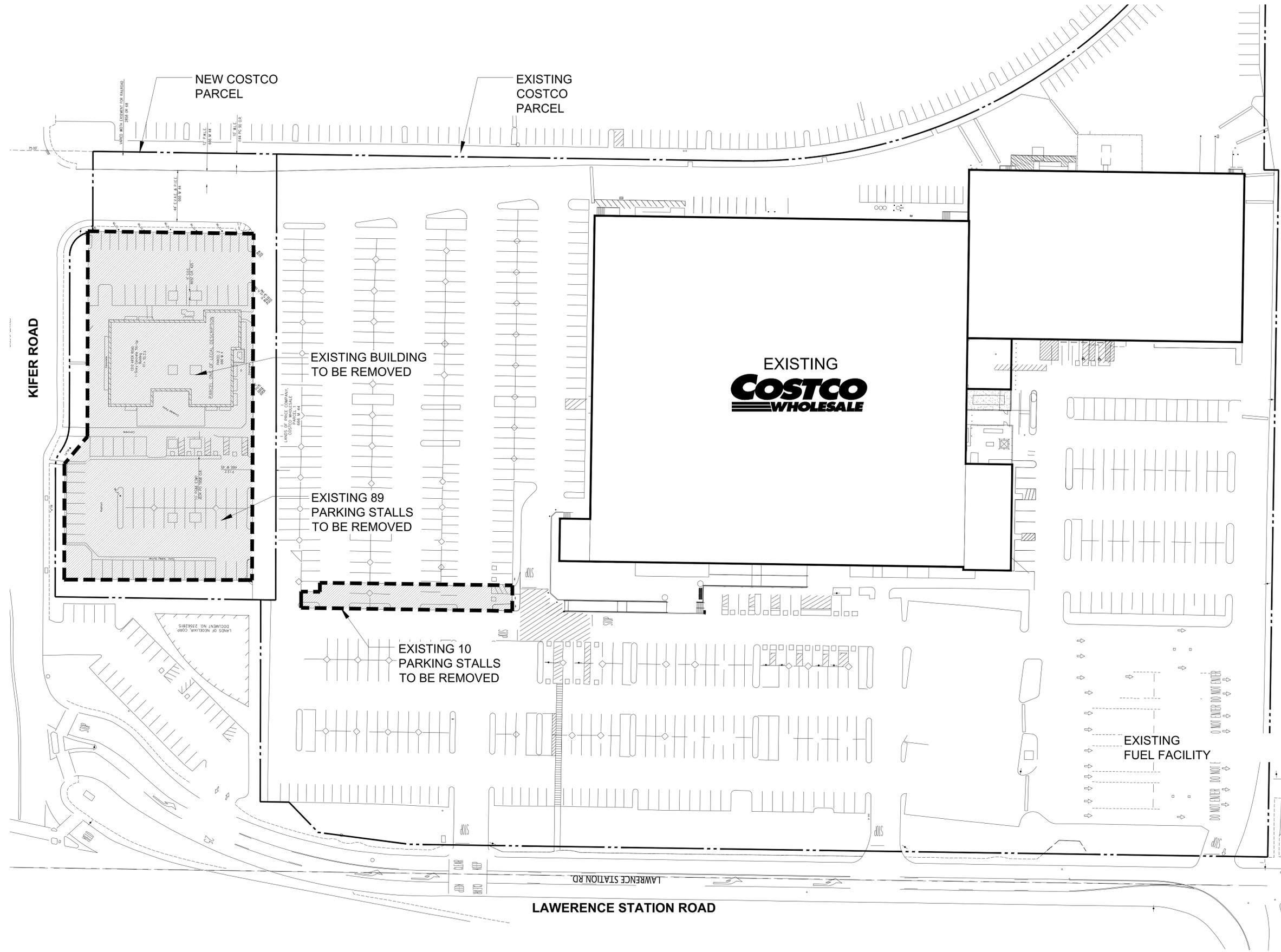
1. TITLE SHEET
2. EXISTING PARKING PLAN
3. OVERALL SITE PLAN
4. CIRCULATION EXHIBIT
5. CONCEPT SITE PLAN
6. PRELIMINARY LANDSCAPE PLAN
7. PARKING LOT SHADING PLAN
8. STREET SECTIONS
9. C1 TOPOGRAPHIC SURVEY
10. C2 PRELIMINARY GRADING & DRAINAGE PLAN
11. C3 PRELIMINARY STORM WATER QUALITY CONTROL PLAN
12. SE-1 EXTERIOR LIGHTING PLAN
13. EXH-1 IMPERVIOUS SURFACE EXHIBIT

DBA # P .274

DB+A

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Existing Parking Data

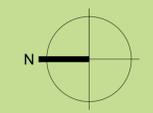
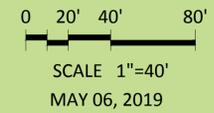
Existing Costco Parcel	
Existing Standard Stalls:	718 stalls
Existing Accessible Stalls:	+28 stalls
Existing Standard Stalls to be removed for pedestrian path:	-10 stalls
Total Existing Parking Stalls:	736 stalls

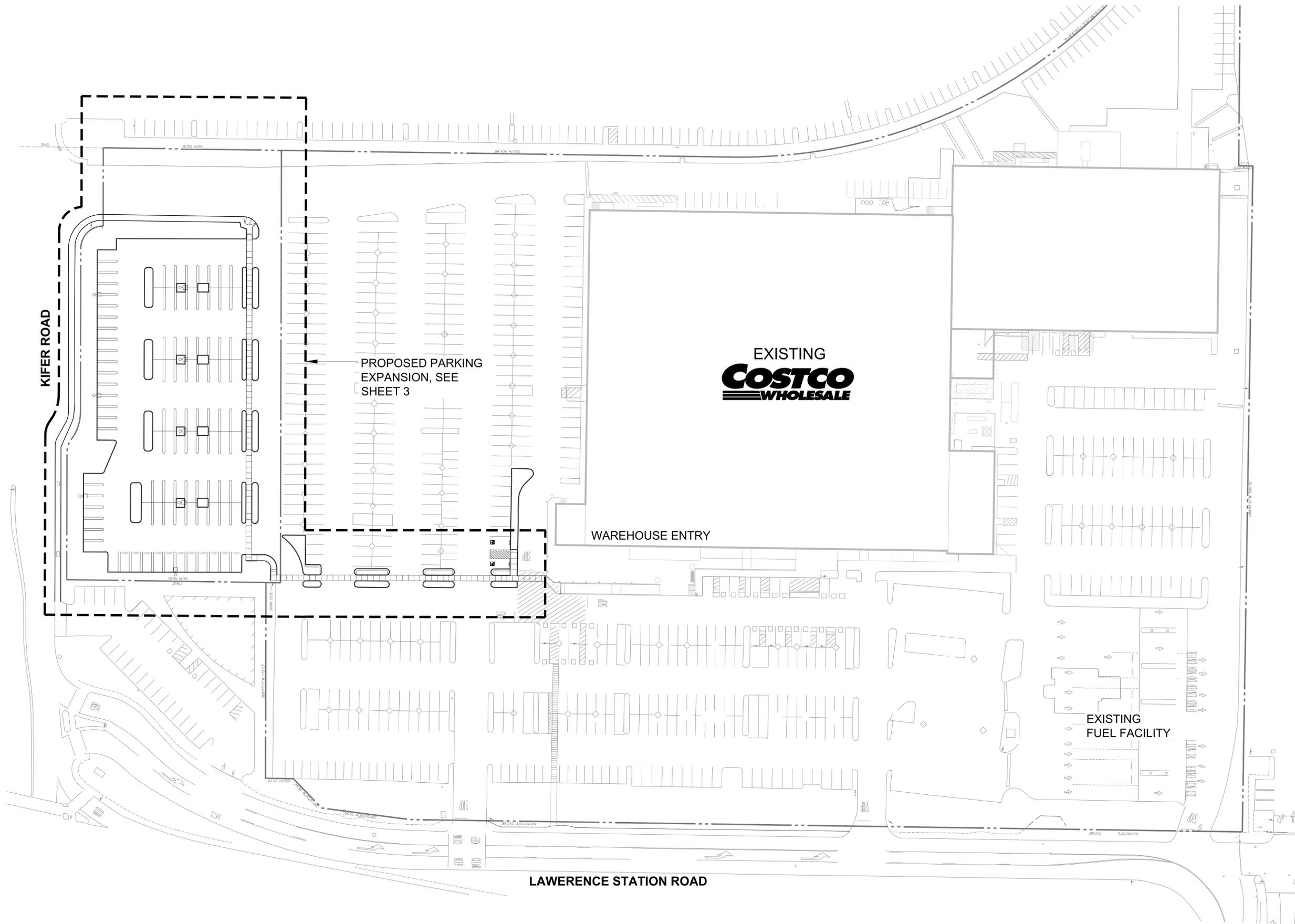
New Costco Parcel	
Existing Standard Stalls to be removed	- 89

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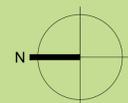


DAVID BABCOCK + ASSOCIATES
ARCHITECTURE PLANNING LANDSCAPE
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COSTCO SUNNYVALE, CA
OVERALL SITE PLAN



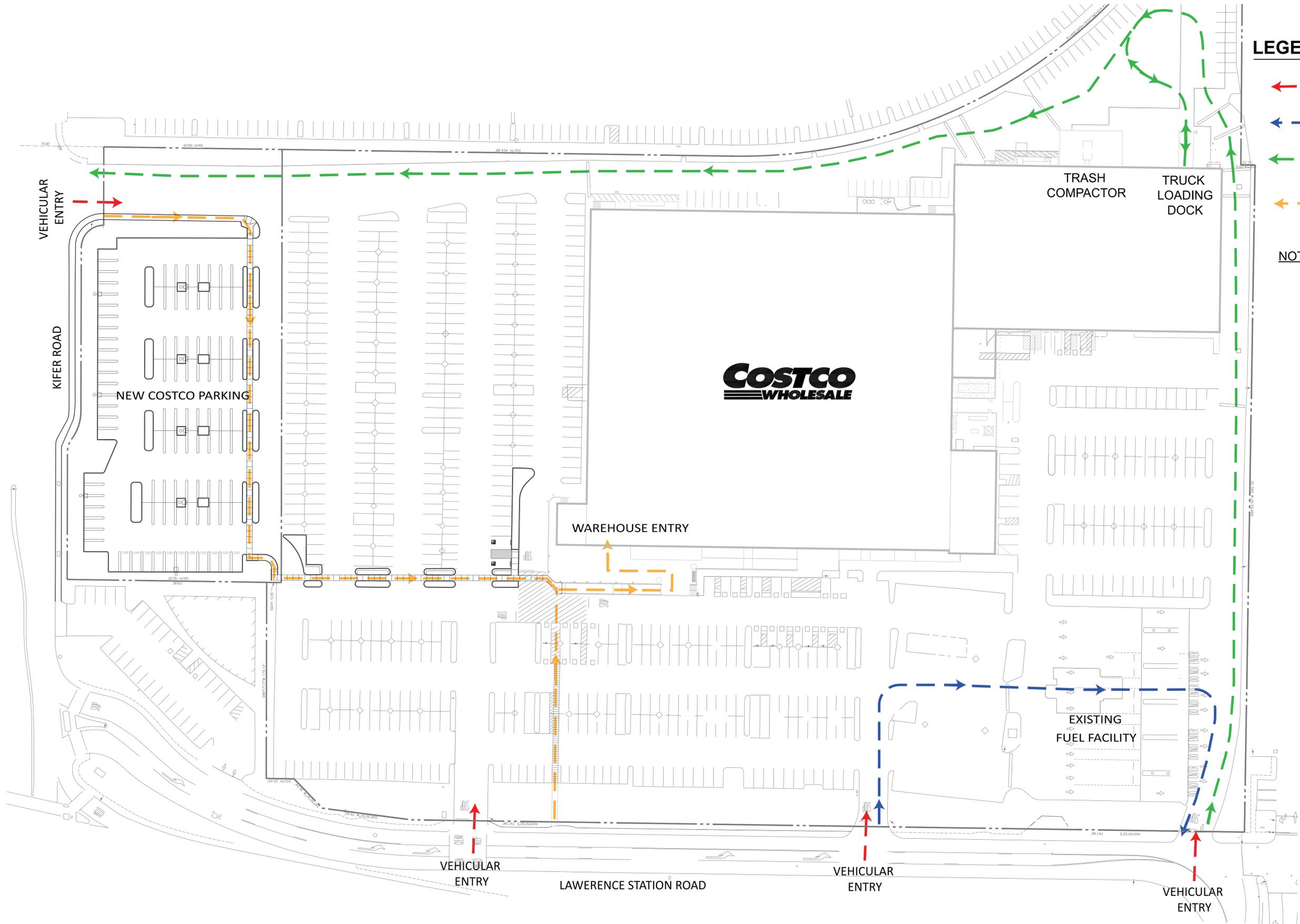
MAY 06, 2019

DBA # P.274

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DAVID BABCOCK + ASSOCIATES
ARCHITECTURE PLANNING LANDSCAPE
3581 MT. DIABLO BLVD., SUITE 205
LAFAYETTE, CALIFORNIA 94549
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SHEET
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of 13



LEGEND

- VEHICLE ACCESS
- FUEL TRUCK ACCESS
- WAREHOUSE TRUCK ACCESS
- PEDESTRAIN ACCESS

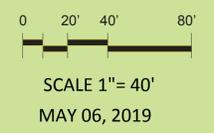
NOTE: FIRE ACCESS IS PROVIDED TO ALLSIDES OF THE (E) WAREHOUSE BUILDING.

DBA # P.274



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COSTCO SUNNYVALE, CA
CIRCULATION EXHIBIT



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Project Data

Client: Costco Wholesale
999 Lake Drive
Issaquah, WA 98027
Project Address: 1210 Kifer Road,
Sunnyvale, CA 94086

Site Data

Jurisdiction: City of Sunnyvale
Current Zoning: MXD1 - Flexible Mixed Use District
Boundaries Information: This plan has been prepared using the Topographic Survey dated September 2017 prepared by Kier & Wright and is for preliminary use only

Existing Parking Data

Existing Standard Stalls: 718 Stalls
Existing Accessible Stalls: +28 Stalls

Total Existing Parking Stalls: 746 Stalls

Proposed Parking Data

Proposed Standard Parking Stalls 10'x20': 91 Stalls
Required Clean Air/Vanpool/EV stalls: +11 Stalls (See Parking Notes 2-3)

Total Proposed Parking Stalls: 102 Stalls

Overall Parking Data

Total Existing Parking Stalls: 746 Stalls
Existing Existing Stalls to be removed for pedestrian path: -10 Stalls
Total Proposed Parking Stalls: +102 Stalls

Total Overall Parking Stalls: 838 Stalls

Required Parking

Number of Stalls per 1000 SF of Building Area: 6.3 Stalls/1000 SF Provided (132,840 SF)
Required Accessible Stalls: 5 stalls (See Parking Note 1)
Required Clean Air/Vanpool/EV stalls: 11 stalls (See Parking Note 2)
Required EV capable stalls: 7 stalls (See Parking Note 3)

NOTE: Min. 6" high poured-in-place concrete curbs should be provided around all landscaped areas to protect landscaping from automobiles (Section 19.46.050d)

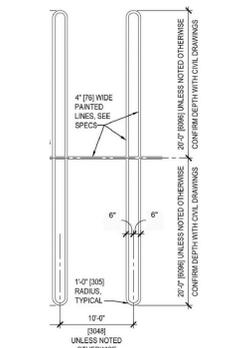
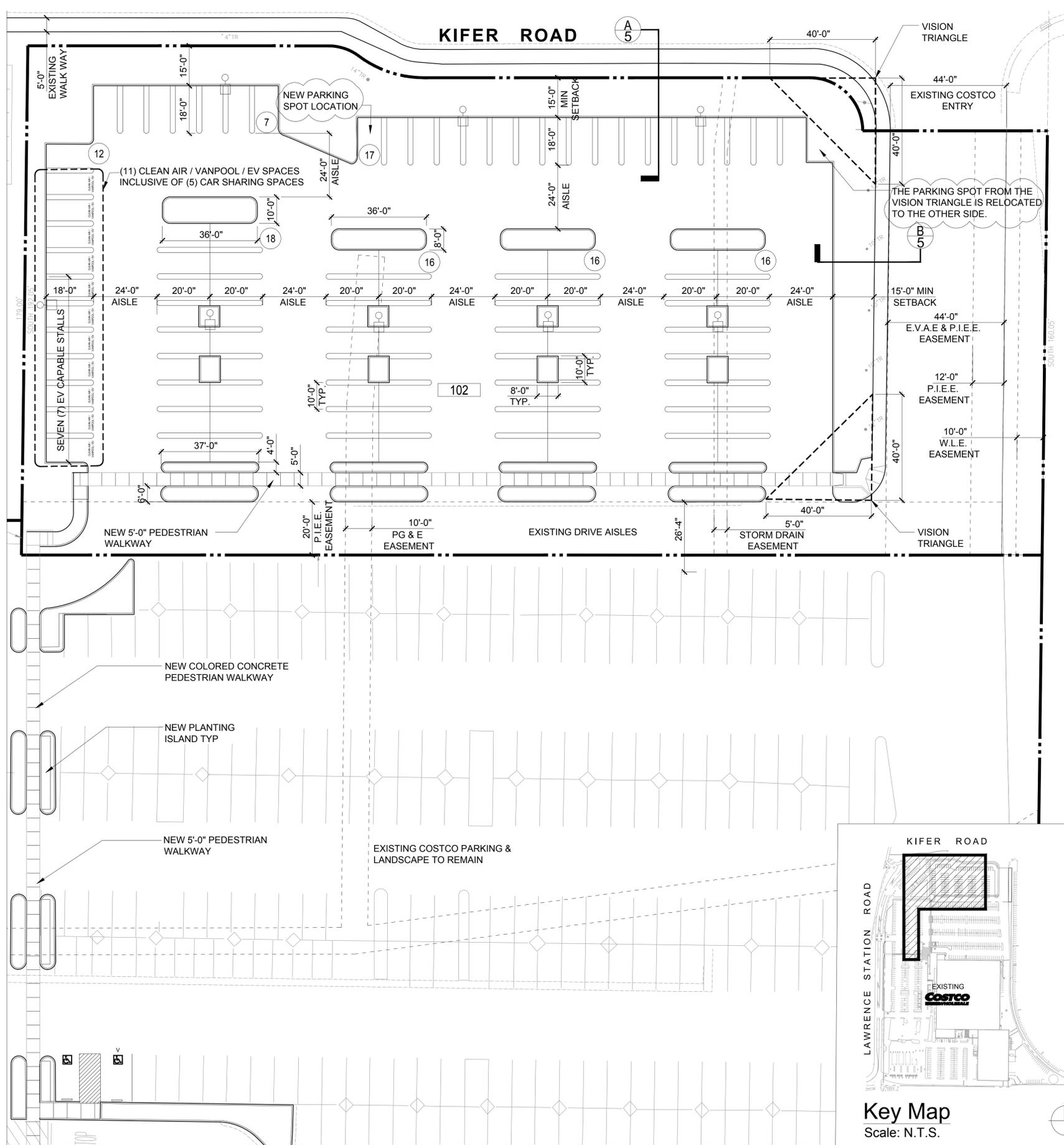
PARKING NOTES:

- The required (5) additional accessible stalls (Per CBC 11B-208.2 table 21A) are included in the existing 28 accessible stalls located near the Costco building entrance.
- The proposed five (5) car sharing stalls (per Sunnyvale City Zoning Ordinance, 5% of all parking stalls) are included in the required eleven (11) stalls designated for Clean Air/Vanpool/EV spaces (per CAL Green table 5.106.5.2) provided.
- The proposed seven (7) EV stalls (per CAL Green EV Spaces required Table 5.106.5.3.3) are included in the required eleven (11) stalls designated for Clean Air/Vanpool/EV spaces (per CAL Green table 5.106.5.2) provided.

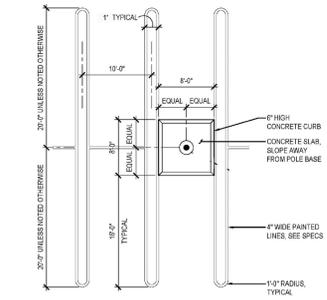
DBA # P.274

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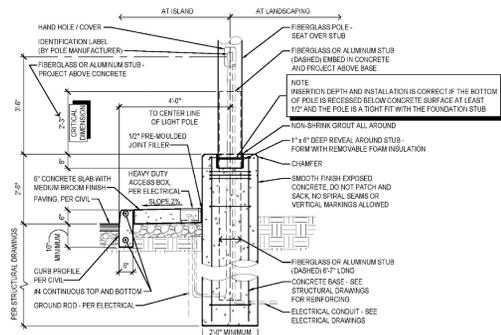
DAVID BABCOCK + ASSOCIATES
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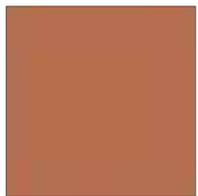
PARKING DETAIL
Scale: N.T.S.



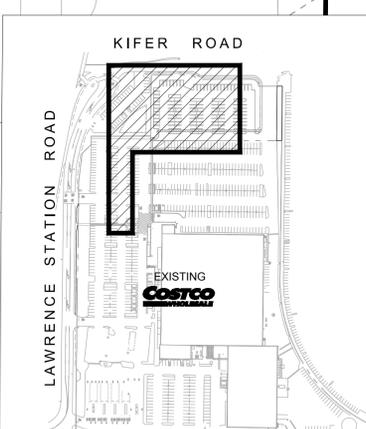
ISLAND AT LIGHT POLE BASE
Scale: N.T.S.



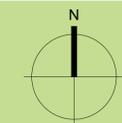
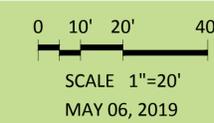
LIGHT POLE BASE AT CONCRETE ISLAND/LANDSCAPING
Scale: N.T.S.

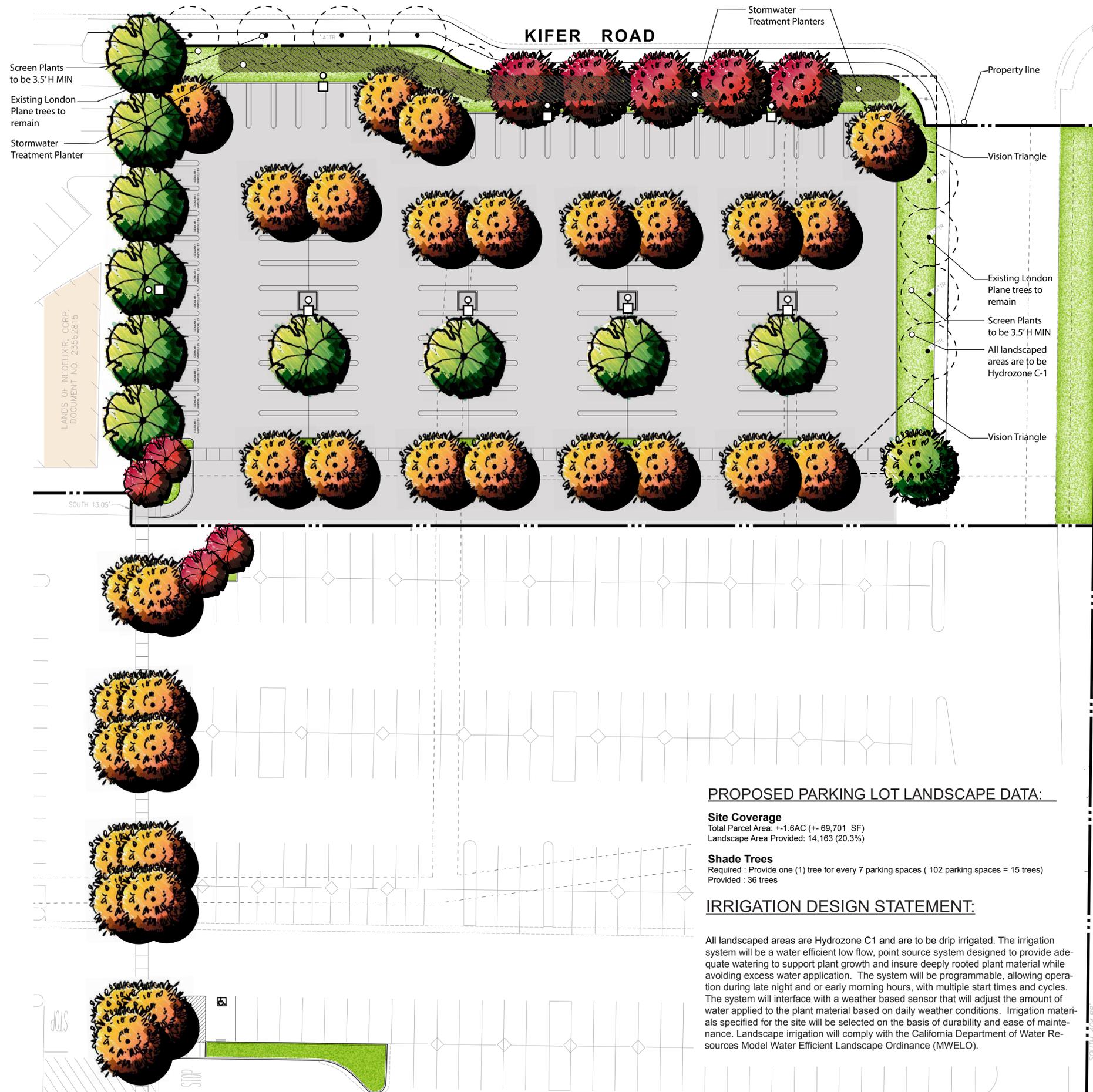


SAMPLE COLOR OF CONCRETE FOR PEDESTRIAN WALK WAY
Scale: N.T.S.
PROPOSED MATERIAL FOR THE PEDESTRIAN WALK WAY IS COLORED CONCRETE BY SCOFIELD INTEGRAL COLOR SG OR SIMILAR SAMPLE NO. SG160-4 RED BRICK



Key Map
Scale: N.T.S.





PROPOSED PARKING LOT LANDSCAPE DATA:

Site Coverage
Total Parcel Area: +-1.6AC (+- 69,701 SF)
Landscape Area Provided: 14,163 (20.3%)

Shade Trees
Required : Provide one (1) tree for every 7 parking spaces (102 parking spaces = 15 trees)
Provided : 36 trees

IRRIGATION DESIGN STATEMENT:

All landscaped areas are Hydrozone C1 and are to be drip irrigated. The irrigation system will be a water efficient low flow, point source system designed to provide adequate watering to support plant growth and insure deeply rooted plant material while avoiding excess water application. The system will be programmable, allowing operation during late night and or early morning hours, with multiple start times and cycles. The system will interface with a weather based sensor that will adjust the amount of water applied to the plant material based on daily weather conditions. Irrigation materials specified for the site will be selected on the basis of durability and ease of maintenance. Landscape irrigation will comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWEL0).

PLANT LEGEND

Symbols	Botanical / Common Name	Size	WUCOLS	Comments
Trees				
	Existing Trees to Remain			
	Lagerstroemia hyb. 'Tuscarora' / Tuscarora Crape Myrtle	24" box	L	Multi-branch, matched in size.
	Pistacia chinensis 'Keith Davey' / Keith Davey Pistache	24" box	L	Matched Standards.
	Acer rubrum / Red Maple	24" box	M	Matched Standards.
	Zelkova serrata / Japanese Zelkova	24" box	M	Matched Standards.
	Platanus hispanica / London Plane	24" box	M	Matched Standards.

Understory Planting

Shrubs

	Callistemon viminalis 'Little John' Dwarf Bottlebrush	5 gal	L	
	Grevillea lavandulacea 'Penola' Lavender Grevillea	5 gal	L	
	Rhamnus californica 'Mound San Bruno' Coffeeberry	5 gal	L	CA Native
	Diets vegeta 'Variegatum' / Variegated Fortnight Lily	5 gal.	L	

Groundcovers

	Arctostaphylos 'Pacific Mist' / Pacific Mist Arctostaphylos	1 gal.	L	CA Native
	Rose 'Appleblossom' Flower Carpet / Appleblossom Flower Carpet Rose	1 gal.	M	
	Rosmarinus officinalis 'Prostratus' / Prostrate Rosemary	1 gal.	L	

Ornamental Grasses

	Festuca mairei / Atlas Fescue	1 gal.	L	
	Pennisetum orientale / Oriental Fountain Grass	1 gal.	M	
	Lomandra longifolia 'Breeze' / Dwarf Mat Rush	1 gal.	L	

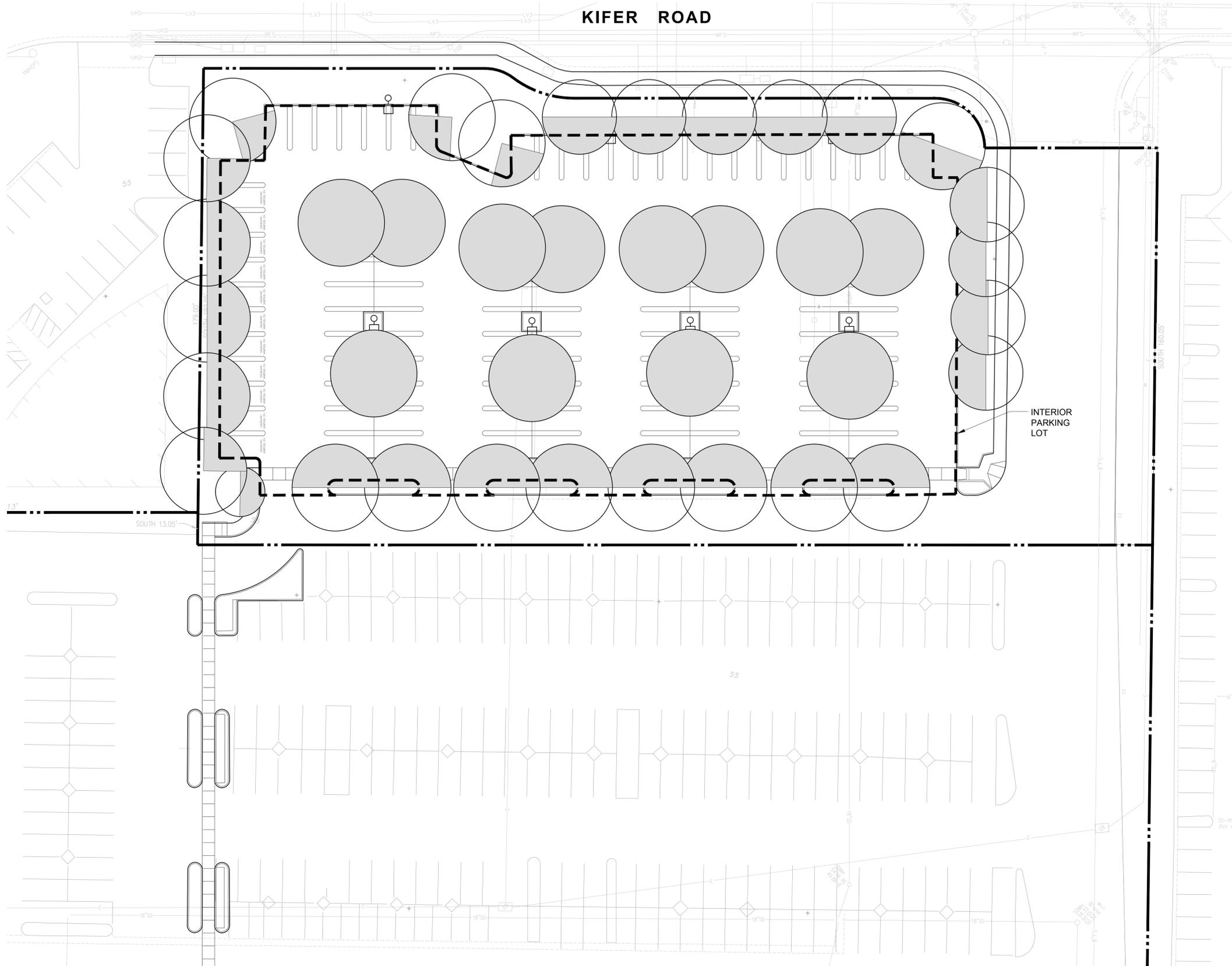
Storm Water Treatment Planter

Grasses

	Chondropetalum tectorum / Cape Rush	1 gal.	L	
	Juncus patens 'Elk Blue' / Elk Blue California Gray Rush	1 gal.	L	CA Native
	Muhlenbergia rigens/	1 gal	L	CA Native

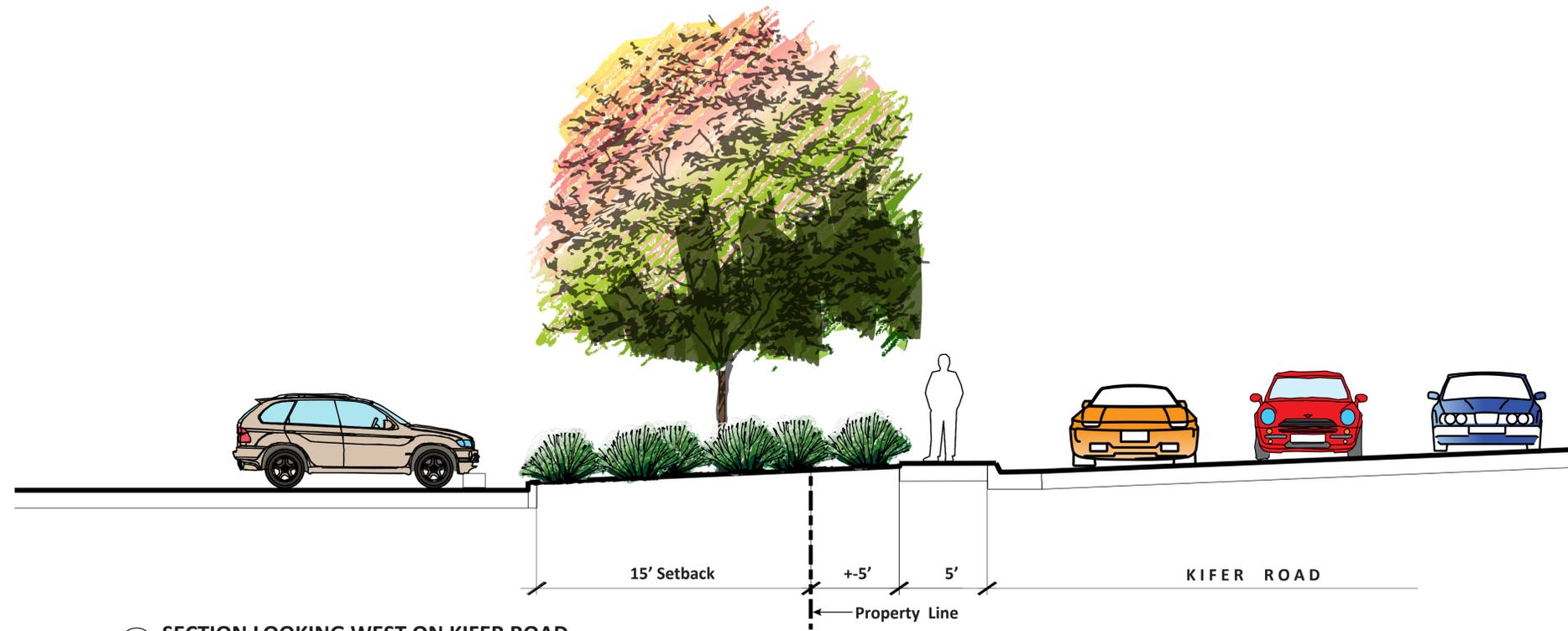
WUCOLS LEGEND:

L	Low Water Use
M	Moderate Water Use

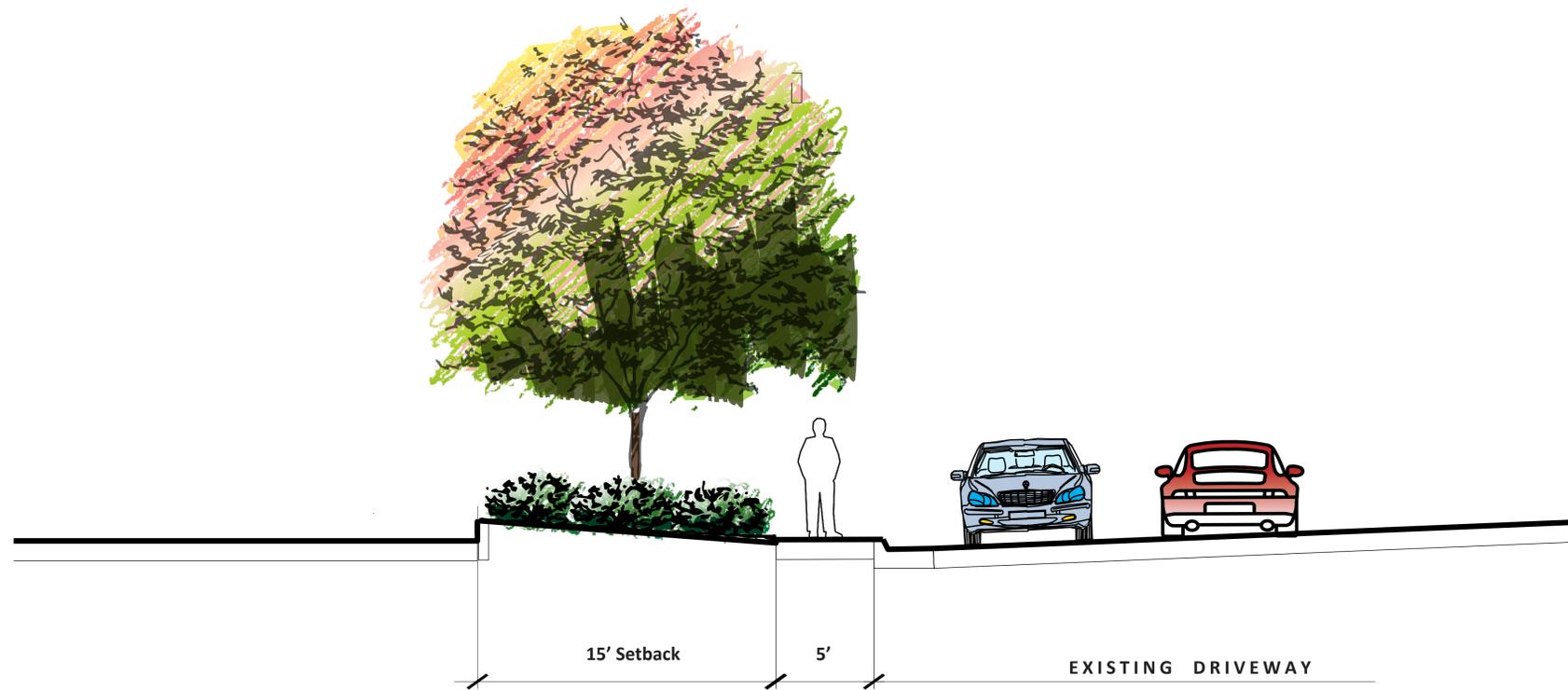


SUNNYVALE TREE SHADING CALCULATIONS

Tree Species	Canopy Size	Coverage	Qty	Area (SF)	Total (SF)
Crape Myrtle	18'	Full	0	255	0
		Three Qtr.	0	191	0
		Half	1	128	128
		Quarter	0	64	0
		Total		1	128
Pistacia	30'	Full	4	962	3848
		Three Qtr.	4	721	2884
		Half	9	481	4329
		Quarter	3	240	720
		Total		20	11781
Red Maple	35'	Full	0	962	0
		Three Qtr.	0	721	0
		Half	5	481	2405
		Quarter	0	240	0
		Total		5	2405
Japanese Zelkova	35'	Full	4	962	3848
		Three Qtr.	0	721	0
		Half	3	481	1443
		Quarter	2	240	480
		Total		9	5771
London Plane	35'	Full	0	962	0
		Three Qtr.	0	721	0
		Half	4	481	1924
		Quarter	0	240	0
		Total		4	1924
				Total Shade Coverage	22009
				Interior Parking Lot	42320
				Shade Percentage	52.0%



A SECTION LOOKING WEST ON KIFER ROAD



B SECTION LOOKING NORTH ON EXISTING DRIVEWAY

COSTCO SUNNYVALE, CA

STREET SECTIONS

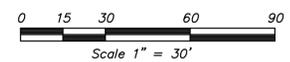
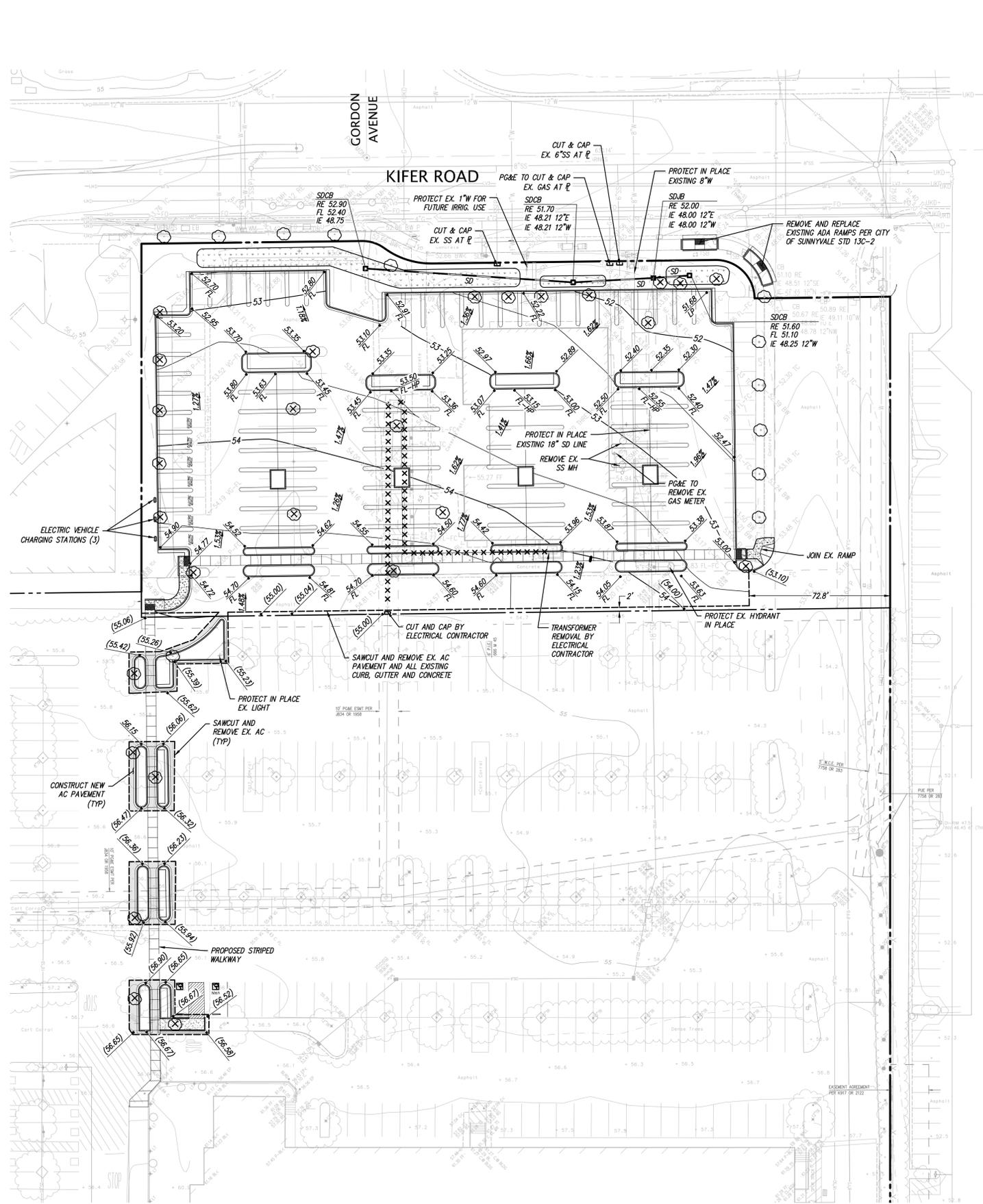
0 2' 4' 8'
SCALE 1/4" = 1'
MAY 06, 2019

DBA # P.274

DB+A

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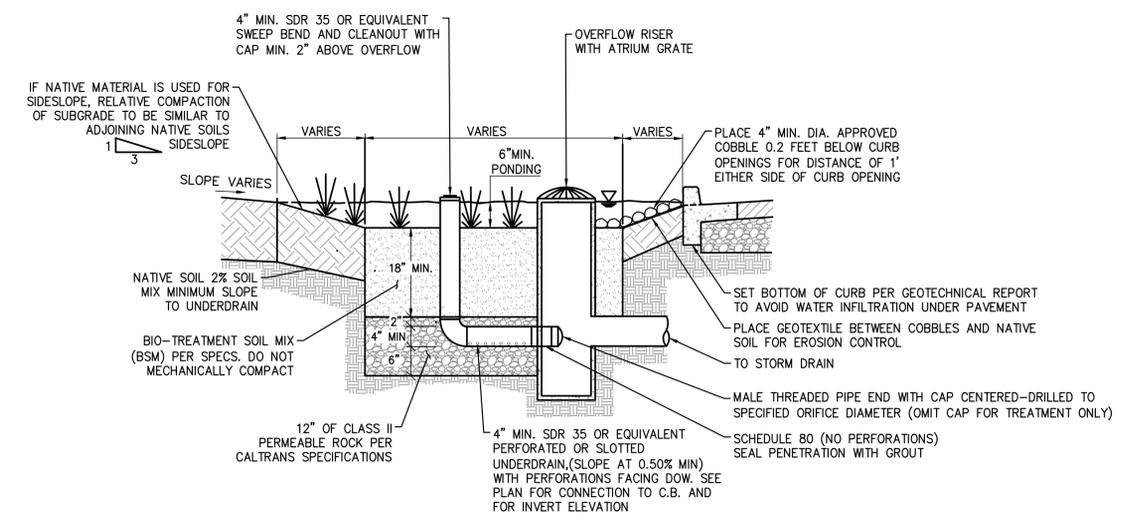


LEGEND

- ▲ AREA DRAIN
- STORM DRAIN CATCH BASIN
- STORM DRAIN JUNCTION BOX
- STORM DRAIN MANHOLE
- FL FLOW LINE
- FF FINISH FLOOR
- PV PAVEMENT
- RE RIM ELEVATION
- 23.8 SPOT ELEVATION
- X"SD STORM DRAIN LINE
- TC TOP OF CURB
- CONCRETE CURB
- SAWCUT LINE
- XXXXXX REMOVE EXISTING PIPE/CONDUIT
- ⊗ EXISTING TREE TO BE REMOVED
- ⊙ EXISTING TREE TO BE PROTECTED IN PLACE
- AC PAVEMENT
- CONCRETE

DEMOLITION NOTES

1. EXISTING BUILDING & FOOTING TO BE REMOVED PER SOILS ENGINEER RECOMMENDATION.
2. ALL EXISTING UTILITIES TO BE CAPPED 2' FROM EDGE OF PROPOSED AC PAVEMENT.
3. ALL EXISTING LIGHT POLES TO BE RELOCATED PER LIGHTING PLAN.



BIORETENTION PLANTER (TYP)

NOT TO SCALE

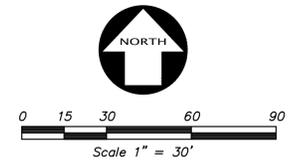
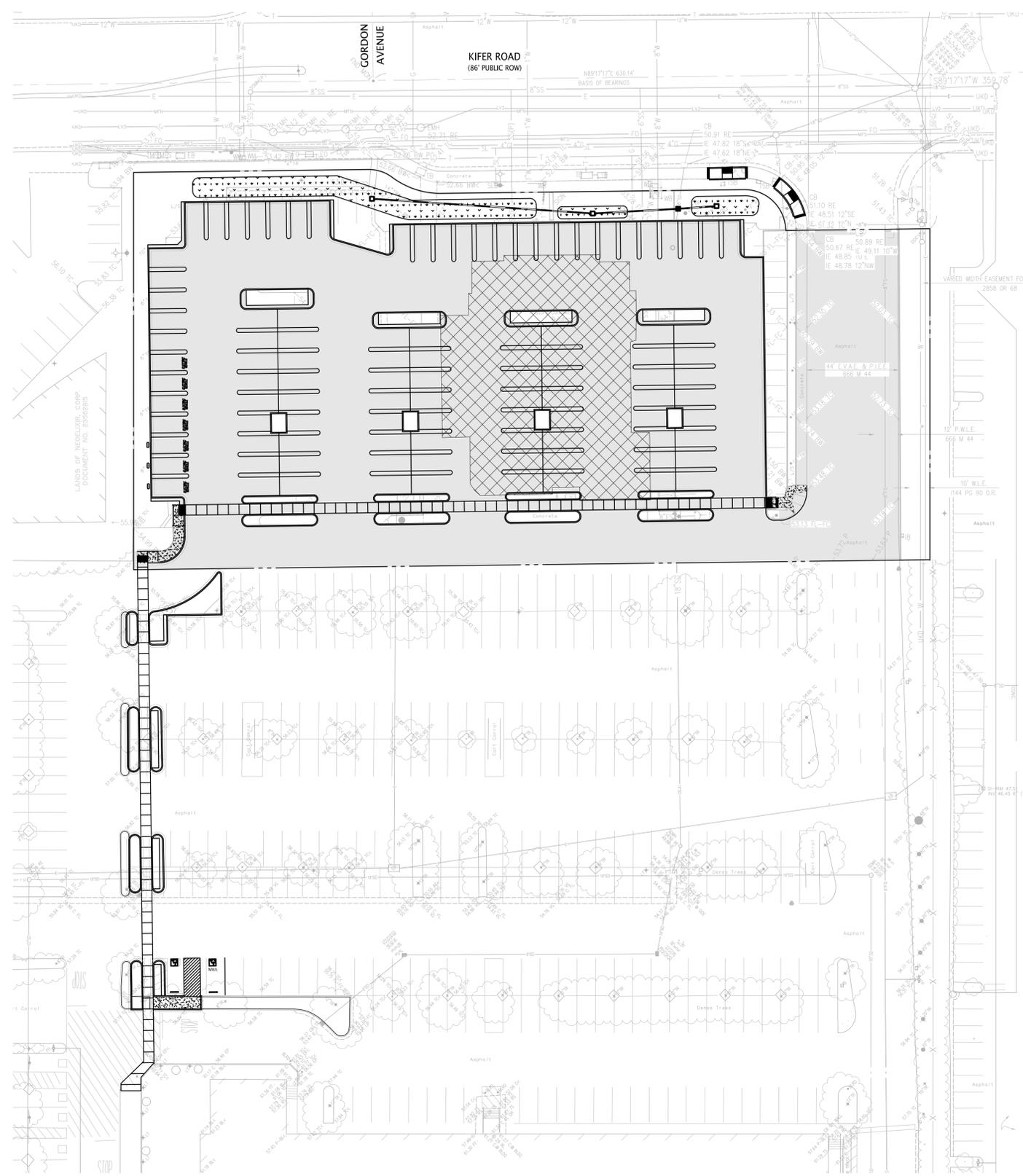
NO.	BY	NO.	REVISION



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PRELIMINARY GRADING & DRAINAGE PLAN
OF
1210 KIFER ROAD PARKING LOT EXPANSION
FOR
COSTCO WHOLESALE CORPORATION
SUNNYVALE, CALIFORNIA

DATE	APRIL 2019
SCALE	AS SHOWN
DESIGNER	ST
DRAFTER	DJK
JOB NO.	A12584-5
SHEET	C2
OF	3 SHEETS



SITE DESIGN MEASURES

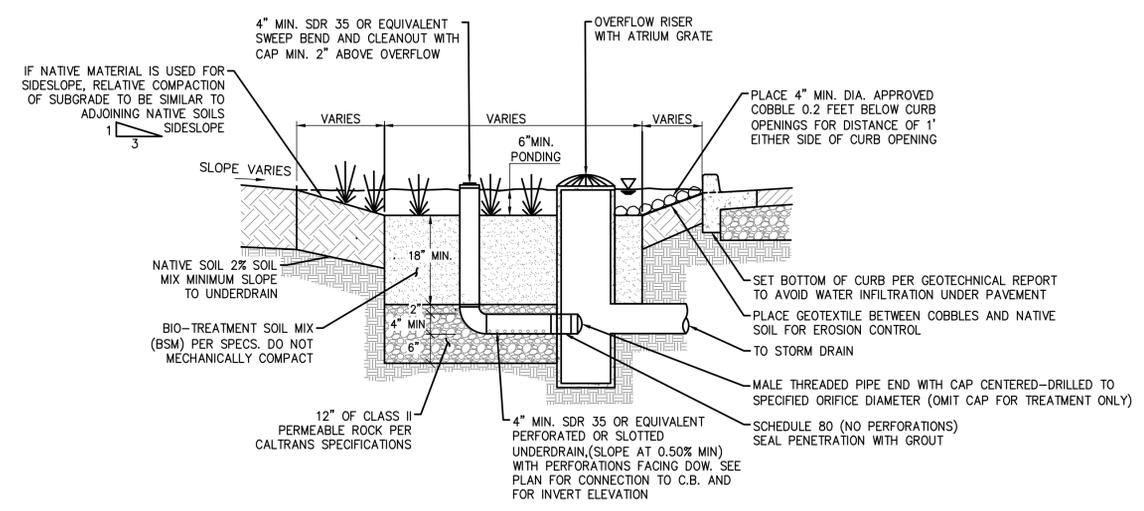
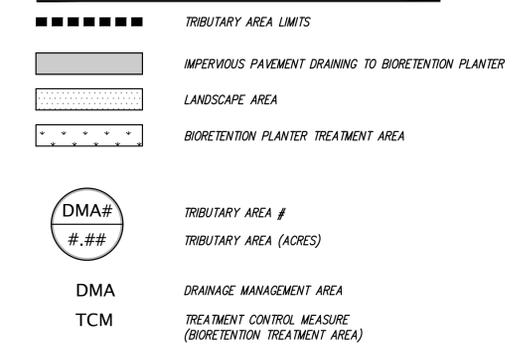
1. PROTECT EXISTING TREES, VEGETATION, AND SOIL
2. PRESERVE OPEN SPACE AND NATURAL DRAINAGE PATTERNS
3. DIRECT RUNOFF FROM SIDEWALKS TO LANDSCAPED AREAS

SOURCE CONTROL MEASURES

1. USE OF WATER EFFICIENT IRRIGATION SYSTEMS
2. MAINTENANCE (PAVEMENT SWEEPING, CATCH BASIN CLEANING, GOOD HOUSEKEEPING)
3. STORM DRAIN LABELING

STORMWATER CONTROL NOTES

1. THE EXISTING SITE SOILS CONSIST OF "XXXX" (TBD) SOILS.
2. DEPTH TO GROUNDWATER IS TBD.
3. THE SITE STORM DRAIN RUNOFF WILL BE FILTERED BY BIOTREATMENT AREAS. ALL STORM WATER DRAINS TO THE PUBLIC STORM DRAIN SYSTEM ALONG THE NORTHERLY PORTION OF THE PROPERTY.
4. POTENTIAL POLLUTANTS INCLUDE MOTOR VEHICLE LUBRICANTS, COOLANTS, DISC BRAKE DUST, LITTER AND DEBRIS. POLLUTANT SOURCE AREAS INCLUDE THE ASPHALT CONCRETE PARKING LOT AND DRIVE AISLES, AND THE SITE STORM DRAIN INLETS. ALL INLETS WILL BE MARKED "NO DUMPING - DRAINS TO BAY". THE PARKING LOT SHALL BE SWEEP REGULARLY TO PREVENT THE ACCUMULATION OF LITTER AND DEBRIS.
5. BIOTREATMENT SIZING IS BASED ON THE FLOW BASED CALCULATIONS METHOD (SIMPLIFIED SIZING METHOD) PER SCVURPPP HANDBOOK CHAPTER 5.
6. STORMWATER IS INTENDED TO ENTER BIOTREATMENT AREAS FROM PAVED AREAS VIA CURB SLOTS WITHIN THE PARKING LOT.



NOTE:
SURFACE AREA OF THE BIOTREATMENT SOIL SHALL EQUAL 4% OF THE AREA OF THE SITE THAT DRAINS TO TREATMENT MEASURE, UNLESS SIZING CALCULATIONS ARE SUBMITTED DEMONSTRATING THAT PROVISION C.3 REQUIREMENTS ARE MET USING A SMALLER SURFACE AREA.

BIORETENTION PLANTER (TYP)
NOT TO SCALE

TREATMENT CONTROL MEASURE SUMMARY TABLE

DMA #	DMA AREA (AC)	DMA AREA (SF)	PERVIOUS AREA (SF)	IMPERVIOUS AREA (SF)	TREATMENT AREA* (SF)	SIZING METHOD	TREATMENT REQUIRED** (SF)	TREATMENT PROVIDED (SF)	SIZING RATIO (%)	TREATMENT CONTROL MEASURE	TREATMENT TYPE
DMA1	1.13	49,328	8,209	41,119	41,940	TREATMENT ONLY	1,678	1,807	4.3%	TCM1	BIORETENTION PLANTER
DMA2	0.21	9,212	2,623	6,589	6,851	TREATMENT ONLY	274	298	4.3%	TCM2	BIORETENTION PLANTER
TOTAL	1.34	58,540	10,832	47,708	48,791		1,952	2,105			

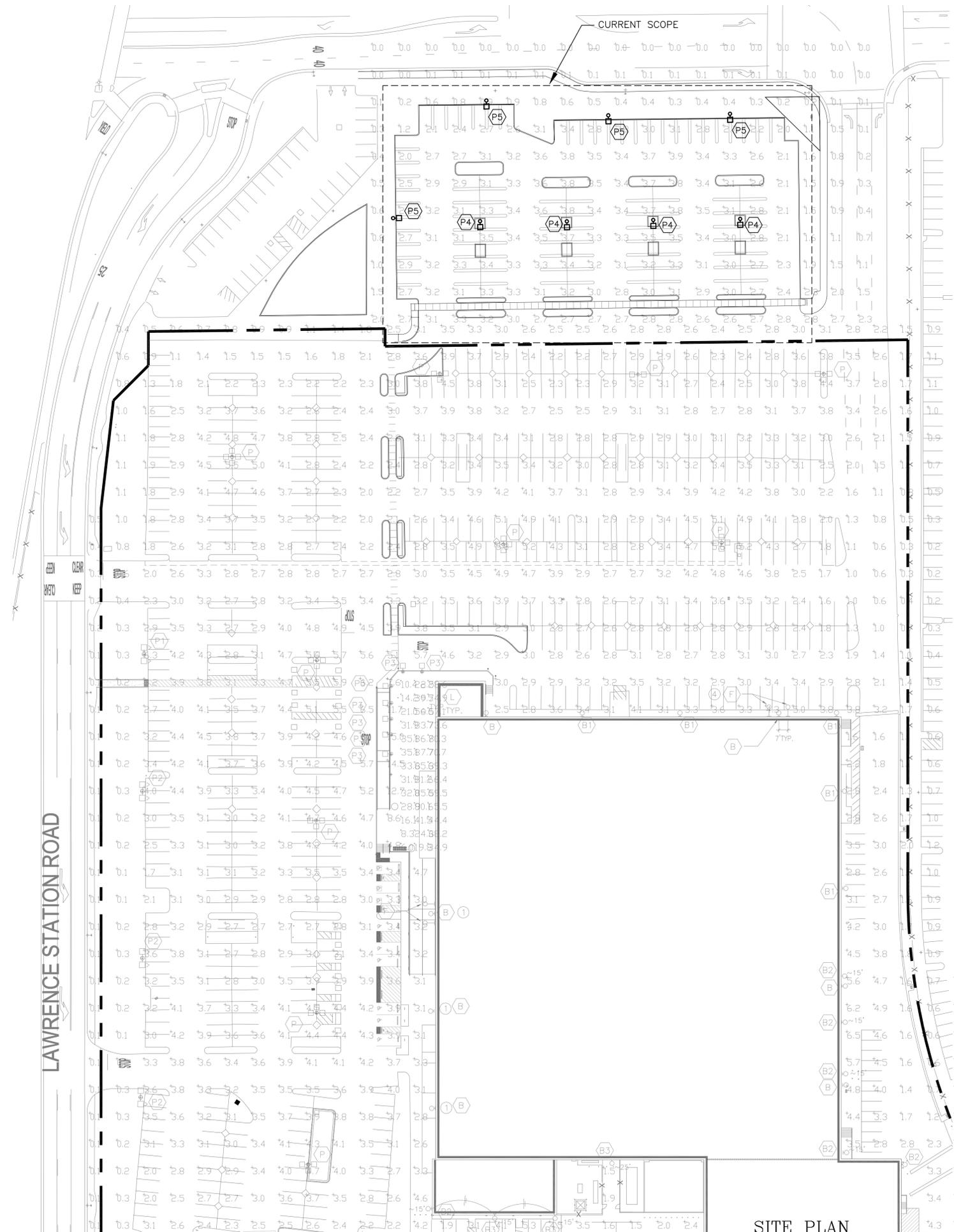
*TREATMENT AREA IS EQUAL TO (IMPERVIOUS AREA) + (0.10 x PERVIOUS AREA)
**BIOTREATMENT SIZING BASED ON THE FLOW BASED METHOD (SIMPLIFIED SIZING METHOD) PER SCVURPPP HANDBOOK CHAPTER 5.

BY					
REVISION					
NO.	1	2	3	4	5
BY					
NO.					
REVISION					
NO.	1	2	3	4	5

KIER & WRIGHT
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PRELIMINARY STORM WATER QUALITY CONTROL PLAN
OF
1210 KIFER ROAD PARKING LOT EXPANSION
FOR
COSTCO WHOLESALE CORPORATION
SUNNYVALE, CALIFORNIA

DATE	APRIL 2019
SCALE	AS SHOWN
DESIGNER	ST
DRAFTER	DJK
JOB NO.	A12584-5
SHEET	C3
OF	3 SHEETS

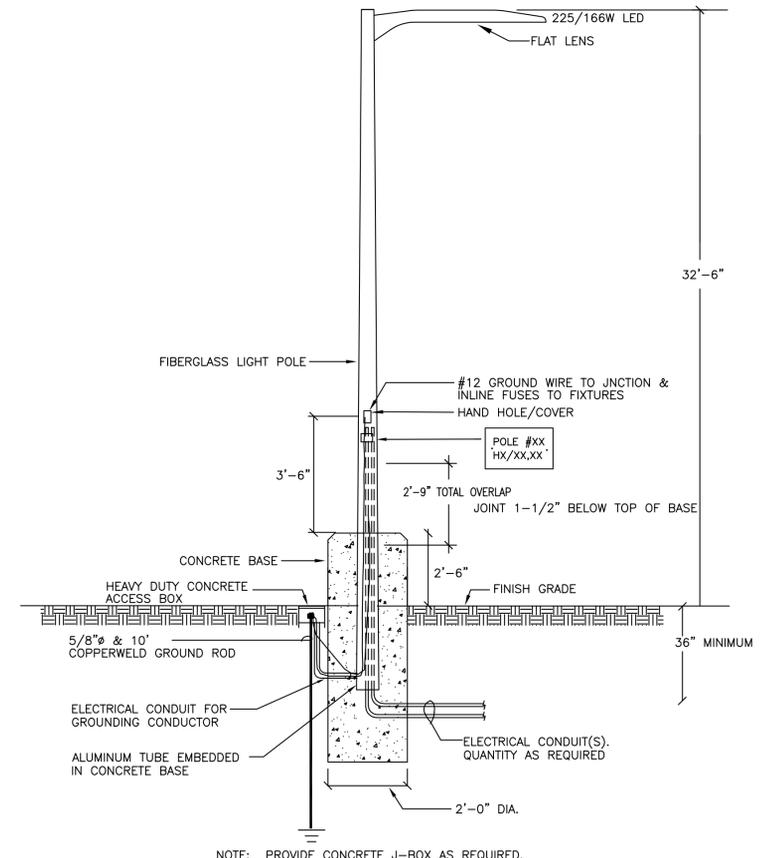


SITE PLAN
SCALE: 1" = 40'-0"

LIGHTING FIXTURE SCHEDULE								
TYPE	MANUFACTURER	NUMBER	LAMPS	MOUNT	WATT	REMARKS	COLOR	
(B)	COOPER	EXISTING	GWC-AF-02-LED-E1-T4W-7050-BZ	LED	WALL	113	REPLACE EXISTING FIXTURE. TYP. ~27' ABOVE GRADE.	5000K
(B1)	COOPER	EXISTING	GLEON-AF-03-LED-E1-SL4-BZ-7050-WM	LED	WALL	166	REPLACE EXISTING FIXTURE. TYP. ~27' ABOVE GRADE.	5000K
(B2)	COOPER	EXISTING	GWC-AF-02-LED-E1-T3-7050-600-MS/DIM-L20-BZ	LED	WALL	66	REPLACE EXISTING FIXTURE. TYP. ~15' ABOVE GRADE.	5000K
(B3)	COOPER	EXISTING	GWC-AF-02-LED-E1-T4FT-7050-800-MS/DIM-L20-BZ	LED	WALL	85	REPLACE EXISTING FIXTURE. TYP. ~15' ABOVE GRADE.	5000K
(F)	TECHLIGHT	EXISTING	LB-X-N-XX-S-1-D-BZ W/ STRAIGHT ARM	LED	ARM	68	PROVIDE MAST ARM AND MOUNTING ACCESSORIES AS REQUIRED. SEE ARCHITECTURAL DETAIL. PROVIDE NEMA-3R ENCLOSURE FOR DRIVER.	4000K
(L)	CREE	EXISTING	CPY250-A-PD-F-B-UL-OSO-WH-5700K	LED	PENDANT	96	PAINT CONDUIT & J-BOX WHITE. BOTTOM OF FIXTURES AT +15' A.F.F. PROVIDE MOUNTING ACCESSORIES (SWIVEL). PROVIDE SAFETY CHAIN TO BUILDING STRUCTURE.	5700K
(P)	COOPER	EXISTING	GLEON-AF-04-LED-E1-5WQ-BZ-7050	LED	POLE	225	30' ROUND TAPERED FIBERGLASS / ALUMINUM POLE (MANUFACTURER: VALMONT). E.C. TO COORDINATE WITH POLE MANUFACTURE TO MATCH EXISTING ANCHOR BOLTS. NUMBER OF HEADS SHALL BE PER PLAN. SEE DETAIL THIS SHEET. FIXTURE SHALL BE POWDER PAINTED, ELECTRO-STATIC APPLICATION. POLE SHALL HAVE A MIN EPA=10 FOR 100 MPH WIND.	5000K
(P1)	COOPER	EXISTING	GLEON-AF-03-LED-E1-SL3-BZ-7050	LED	POLE	166		
(P2)	COOPER	EXISTING	GLEON-AF-03-LED-E1-SL4-BZ-7050	LED	POLE	166		
(P3)	LITHONIA	EXISTING	DSXWPM-LED-20C-350-50K-T5A-1MVOLT-PIRH	LED	POLE	24	REUSE EXISTING POLE. PROVED MOUNTING ACCESSORIES AS REQUIRED.	5000K
(P4)	COOPER	NEW	GLEON-AF-04-LED-E1-5M4-BZ-7050	LED	POLE	225	32'-6" POLE ABOVE FINISHED GRADE. ROUND TAPERED FIBERGLASS/FIBERGLASS POLE. NUMBER OF HEADS SHALL BE PER PLAN. SEE DETAIL SHEET SE-1. FIXTURE SHALL BE POWDER PAINTED, ELECTRO-STATIC APPLICATION. POLE SHALL HAVE A MIN EPA=10 FOR 100 MPH WIND.	5000K
(P5)	COOPER	NEW	GLEON-AF-03-LED-E1-SL4-HSS-BZ-7050	LED	POLE	166		

SYMBOL LEGEND

- WALLPACK CANOPY LIGHT
- SIGN LIGHT
- ◇ POLE LIGHT



POLE DETAIL
SCALE: NTS

CHECKED: JCM
 DRAWN: BWY
 REVISION DATE:
 ISSUE DATE: SEPTEMBER 2018
 PROJECT NO: 18-507
 ARCHITECT REFERENCE NO:
 EXTERIOR LIGHTING UPGRADE
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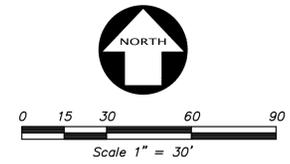
T.E., Inc.
 830 N. RIVERSIDE DRIVE
 SUITE #200
 RENTON, WA 98057
 PHONE: 425-970-3753
 FAX: 425-970-3756

PARKING EXPANSION

COSTCO WHOLESALE

WAREHOUSE #423
 150 LAWRENCE STATION ROAD
 SUNNYVALE, CA 94086

SE-1



LEGEND-PRE-PROJECT

- a. ROOF AREA
- a. IMPERVIOUS SIDEWALKS, PATHS, DRIVEWAYS, STREETS
- a. IMPERVIOUS UNCOVERED PARKING
- a. LANDSCAPING

3. Project Impact on Impervious Surface:
Enter the amount of impervious surface Retained, Replaced and/or Created by the project:

	a	b	c	d	e
Type of Impervious Surface	Pre-Project Impervious Surface (sq.ft.)	Existing Impervious Surface to be Retained ¹ (sq.ft.)	Existing Impervious Surface to be Replaced ² (sq.ft.)	New Impervious Surface to be Created ³ (sq.ft.)	Post-Project Impervious Surface (sq.ft.) (-b+c+d)
Roof areas ⁴	9,829	0	9,829	0	9,829
Impervious sidewalks, patios, paths, driveways, streets	12,601	8,296	4,029	0	12,325
Impervious uncovered parking ⁵	33,384		33,384	0	33,384
Totals of Impervious Surfaces:	55,814	8,296	47,242	0	55,538
Total Impervious Surface Replaced and Created (sum of totals for columns c and d):			47,242		47,242
Type of Pervious Surface	Pre-Project Pervious Surface (sq.ft.)				Post-Project Pervious Surface (sq.ft.)
Landscaping	13,887				14,163
Pervious Paving	0				0
Green Roof	0				0
Totals of Pervious Surfaces:	13,887				14,163
Total Site Area (Total Impervious+Total Pervious)	69,701				69,701
Percent Replacement of existing impervious surface area [(Total Existing Impervious Surface Replaced + Total Pre-Project Impervious)x100]					85%
Note: if the value exceeds 50%, C.3 requirements apply to the entire site.					
Estimated area of land disturbed during construction (includes clearing, grading or excavating) (sq.ft)					58,540

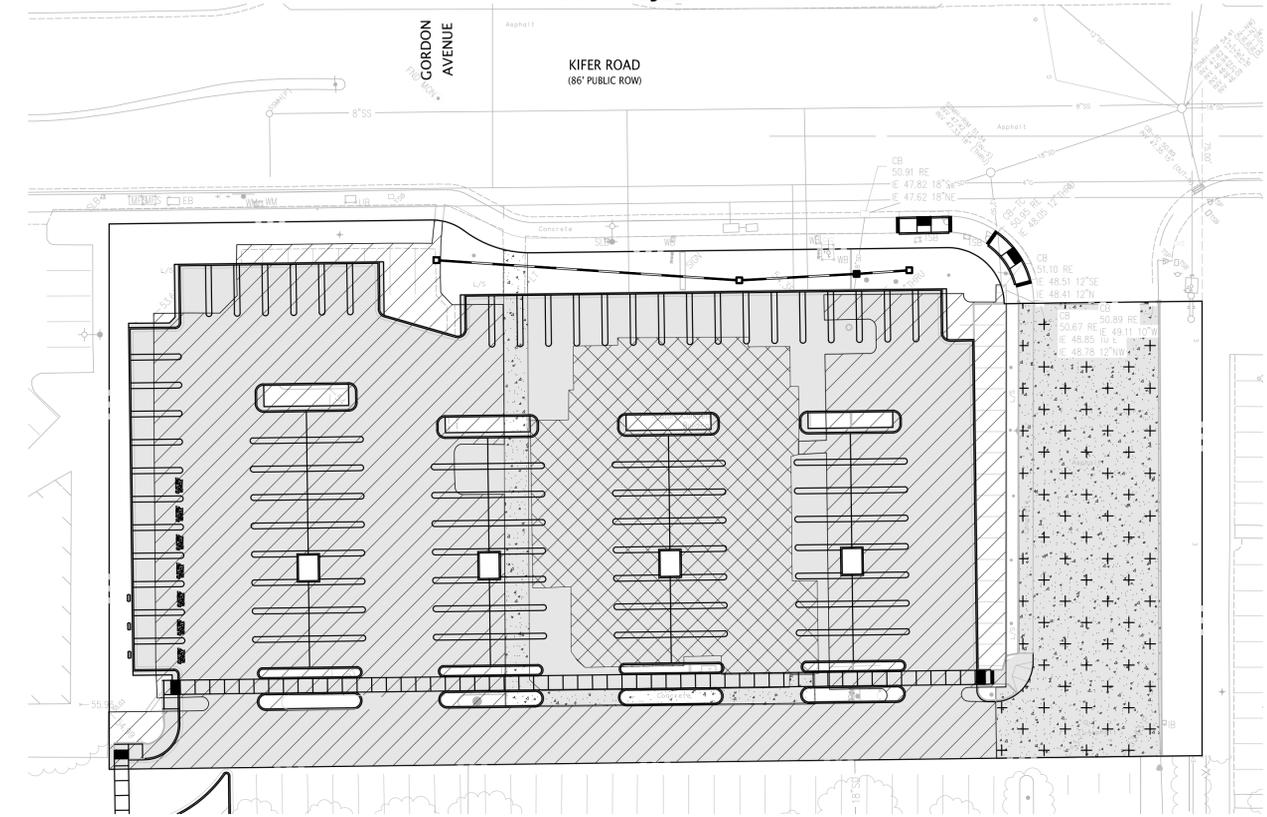
LEGEND-POST PROJECT

- b. EXISTING IMPERVIOUS SURFACE TO BE RETAINED
- c. ROOF AREA TO BE REPLACED
- c. IMPERVIOUS SIDEWALKS, PATHS, DRIVEWAYS, STREETS TO BE REPLACED
- c. IMPERVIOUS UNCOVERED PARKING TO BE REPLACED
- e. POST-PROJECT IMPERVIOUS SURFACE
- e. POST-PROJECT PERVIOUS

PRE-PROJECT



POST PROJECT



NO.	BY	REVISION



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Livermore, California 94551
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IMPERVIOUS SURFACE EXHIBIT
OF
1210 KIFER ROAD PARKING LOT EXPANSION
FOR
COSTCO WHOLESALE CORPORATION
SUNNYVALE, CALIFORNIA

DATE	APRIL 2019
SCALE	AS SHOWN
DESIGNER	ST
DRAFTER	
JOB NO.	A12584-5
SHEET	EXH-1