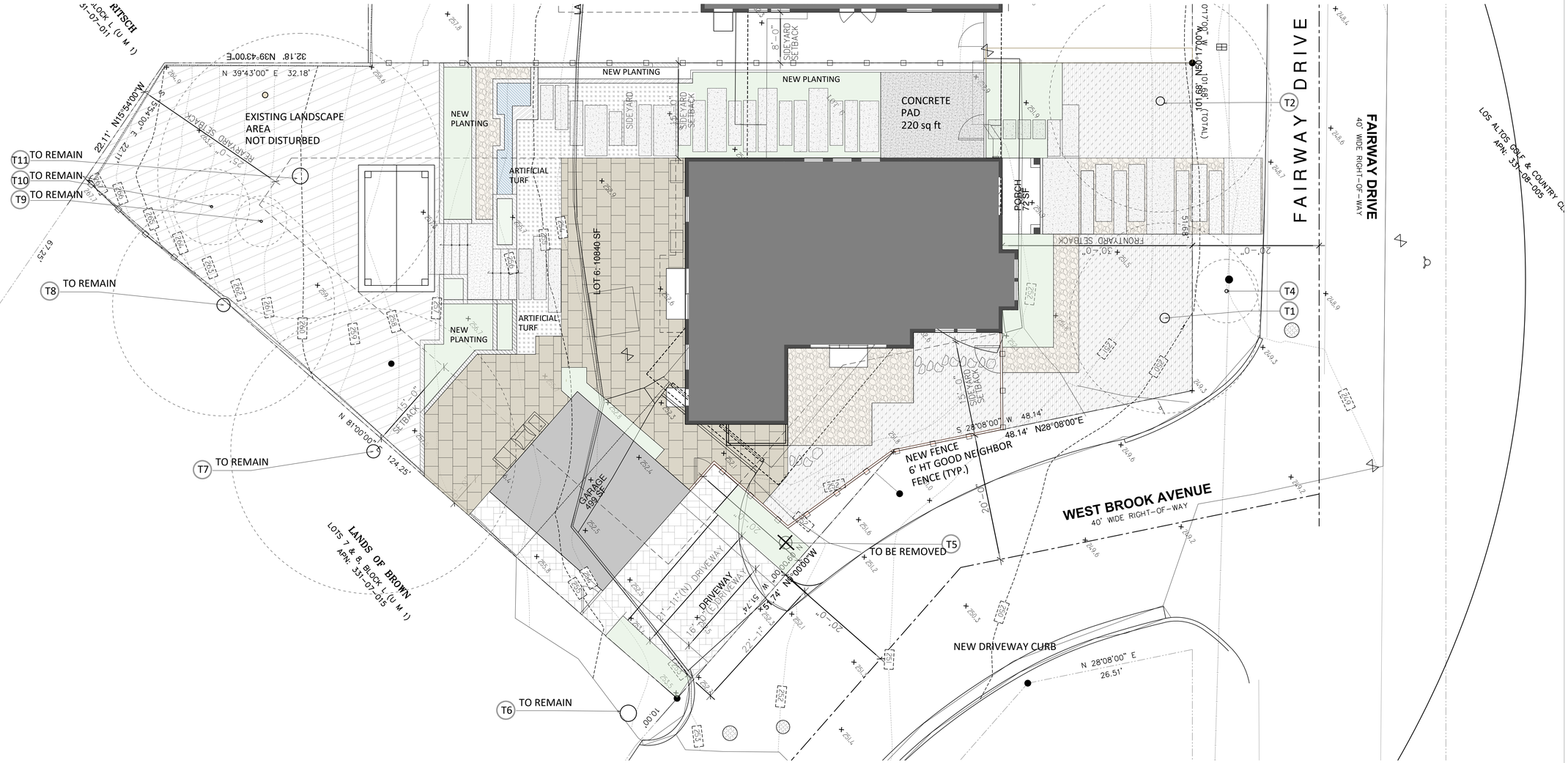


Existing Tree List (Ref. to arborist report attached to submittal) (#) tree per arborist							
Symbol	Botanical Name	Common Name	Tree DBH (DIA.)	ht/spr.	Protected tree	Tree removal	Location
1	Plateanus x hispanica	Lindon Plane	17.2"	30'x30'	Yes	No	frontyard
2	Plateanus x hispanica	Lindon Plane	17.2"	30'x35'	Yes	No	frontyard
4	Heteromeles arbutifolia	Toyon	4.2"	12'x10'	No	No	by utility pole
5	Quercus agrifolia	Coast live oak	26.3"	35'x35'	Yes	Yes	by driveway
6	Quercus agrifolia	Coast live oak	28"	20'x15'	Yes	No	neighbor
7	Quercus agrifolia	Coast live oak	28"	60'x45'	Yes	No	neighbor
8	Quercus agrifolia	Coast live oak	30"	40'x35'	Yes	No	Backyard
9	Ligustrum japonicum	Japanese privet	4,4,4	15'x8'	No	No	Backyard
10	Prunus domestica	Euepean plum	28"	15'x12'	No	No	Backyard
11	Quercus agrifolia	Coast live oak	31.5"	55'x45'	Yes	No	Backyard

LEGEND

existing tree with canopy to remain and protected per arborist report

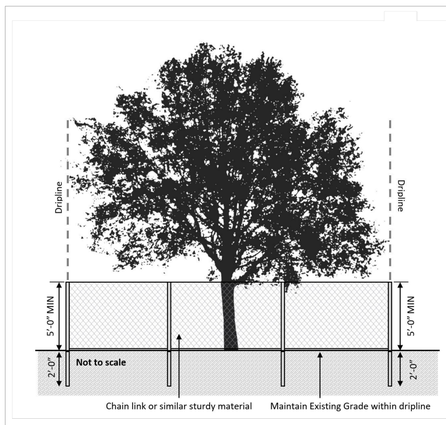
Existing tree to be removed per arborist report

Tree Protection

TREE PROTECTION ZONES SHALL BE INSTALLED AND MAINTAINED THROUGHTOUT THE ENTIRE LENGTH OF THE THE PROJECT. PRIOR TO THE COMMENCEMENT OF ANY DEVELOPMENT PROJECT, A CHAIN LINK FENCE SHALL BE INSTALLED AT ABOUT THE DRIP LINE (WHERE POSSIBLE) OF ANY PROTECTED TREE WHICH WILL OR WILL NOT BE AFFECTED BY THE CONSTRUCTION.
THE DRIP LINE SHALL NOT BE ALTERED IN ANY WAY SO AS TO INCREASE THE ENCROACHMENT OF THE CONSTRUCTION. FENCING FOR THE PROTECTION ZONES SHOULD BE 6 FOOT TALL METAL CHAIN LINK TYPE SUPPORTED BY 2 INCH METAL POLES POUNDED INTO THE GROUND BY NO LESS THAN 2 FEET. THE SUPPORT POLES SHOULD BE SPAED NO MORE THAN 10 FEET APART ON CENTER.
SIGNS SHOULD BE PLACED ON FENCING SIGNIFYING "TREE PROTECTION ZONE - KEEP OUT".
NO MATERIALS OR EQUIPMENT SHOULD BE STORED OR CLEANED INSIDE THE TREE PROTECTION ZONES. EXCAVATION, GRADING, SOIL DEPOSITS, DRAINAGE AND LEVELING ARE PROHIBITED WITHIN THE TREE PROTECTION ZONES.
NO WIRES, SIGNS, OR ROPES SHALL BE ATTACHED TO THE PROTECTED TREES ON SITE. UTILITY SERVICES AND IRRIGATION LINES SHALL ALL BE PLACED OUTSIDE OF THE TREE PROTECTION ZONES.

2022 California Green Building Code - Landscape Notes

1. Outdoor water use for landscape should follow water use efficient landscape check list per 2022 CGC 4.304.01
2. Annular spaces around pipes, electric cables, conduits or other opens in sole/ bottom plate at exterior walls, shall be protected against the passage of rodents by closing such opens with cement mortar , concrete masonry, or similar method acceptable to the enforcing agency per 2022 CGC 4.406.1



1675 FAIRWAY

MUZIK DESIGN STUDIO
329 Primrose Road
Unit 415
Burlingame, CA 94010

1675 Lot 6 Residential Landscape Plan

Property Owner:
Owners of
1675 Fairway Drive
Los Altos

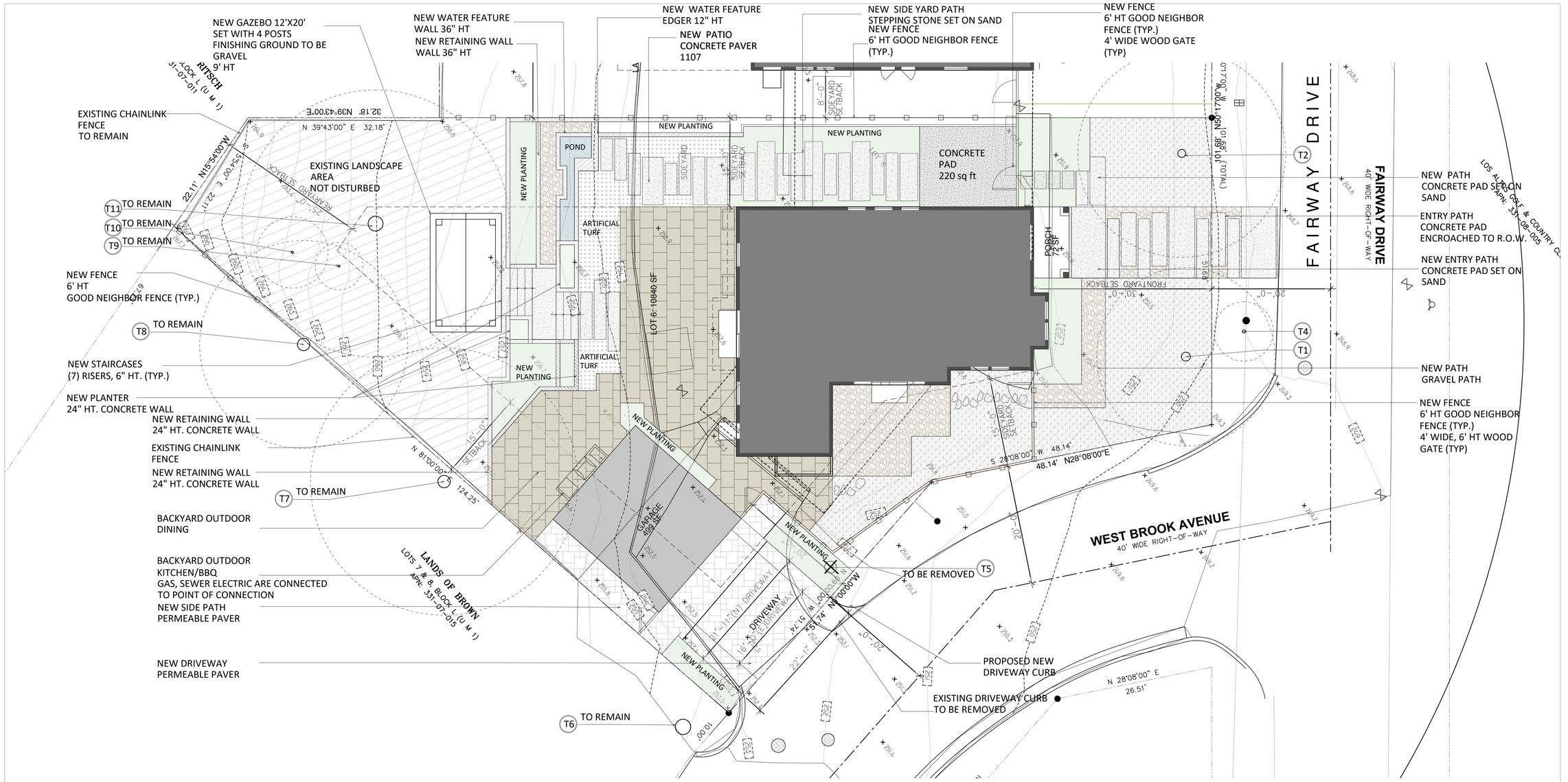
Plan Prepared by
Landscape Designer
Agnes Tung
Muzik Design
(239) 410-9251
agnesytung@gmail.com

Drawing Title
TREE PROTECTION PLAN

Drawing Scale
1/8"=1'-0"

Sheet Title
L-1

4/08/2024



LANDSCAPE SCOPE OF WORK

TO PROVIDE NEW 1753 SQ FT OF NON PERMEABLE HARDSCAPE, and 1024 SQ FT OF PLANTING

LEGEND

- DRIVEWAY 471 sq ft AND SIDE PATH (177 sq ft PERMEABLE
- BACKYARD PATIO 1107 sq ft and side yard concrete 220 sq ft -IMPERMEABLE
- CONCRETE STAIRCASE 140 sq ft - IMPERMEABLE
- CONCRETE RETAINING WALL 130 sq ft - IMPERMEABLE
- STEPPING STONE SET ON SAND
- GRAVEL OPEN SPACE
- NEW PLANTING AREA
- NEW ARTIFICIAL TURF
- MULCHED AREA
- NOT-DISTURBED LANDSCAPE AREA
- NEW GOOD NEIGHBOR FENCE 6'

LANDSCAPE DATA (sq ft)

Lot size		10840	
Building coverage		2231	20.58%
Proposed impervious Hardscape area	landing	156	
	patio and concrete area	1327	
	staircases	140	
	retaining wall	130	
	TOTAL	**1753**	16.17%
Proposed landscape area	Permeable driveway and path	648	
	stepping stone set on sand	840	
	gravel area	590	
	artificial turf	296	
	mulched area	1295	
	planting area (irrigated area)	1024	
	Total	**4693**	
Non disturbed landscape		**2163**	
Total Landscape area		**6856**	63.25%

LANDSCAPE GENERAL NOTES

1. VERIFY LOCATION OF ALL BUILDINGS, WALLS, ROADS AND CURBS AFFECTING LANDSCAPE SCOPE OF WORK WITH RELEVANT ARCHITECTURAL AND ENGINEERING DRAWINGS PRIOR TO COMMENCING SITE WORK.
2. VERIFY LOCATION OF ALL VAULTS, ELECTRICAL DUCT BANKS, MANHOLES, CONDUIT AND PIPING, DRAINAGE STRUCTURES, LIGHTING AND OTHER UTILITIES WITH THE APPROPRIATE ENGINEER'S DRAWINGS.
3. WHERE NOT SHOWN ON LANDSCAPE DRAWINGS, SEE CIVIL ENGINEERING DRAWINGS FOR ROADWAY CENTERLINE, STATION POINTS, BENCH MARKS AND BUILDING SETBACKS.
4. TAKE ALL DIMENSIONS FROM CENTER OF CURB, WALL OR BUILDING, OR TO CENTERLINE OF BUILDING COLUMNS OR TREES UNLESS OTHERWISE NOTED.
5. ALL ITEMS DESIGNATED AS "SIMILAR" OR "TYPICAL" (TYP) SHALL BE CONSTRUCTED IN THE MANNER OF THE DETAIL REFERENCED, WITH MINOR ADJUSTMENT FOR SPECIFIC CONDITION.
6. SITE DESIGN BASED ON TOPOGRAPHIC INFORMATION FROM ARCHITECT. ALL GRADES TO BE VERIFIED IN FIELD.
7. SPECIFICATIONS FOR CONSTRUCTION METHODS AND MATERIALS NOT LISTED.
8. SHOULD CONFLICTS ARISE BETWEEN DRAWINGS AND SPECIFICATIONS, DRAWINGS SHALL GOVERN DIMENSIONS AND QUANTITY, SPECIFICATIONS SHALL GOVERN MATERIALS AND FINISHES.
9. ALL ELECTRICAL WORK TO COMPLY WITH CITY OF SUNNYVALE SPECIFICATIONS AND UNDERWRITERS LABORATORIES (UL) SPECIFICATIONS.
10. PLANT PROTECTION: ALL WORK PERFORMED WITHIN THE DRIP LINE OF TREES DESIGNATED “EXISTING TREES TO REMAIN” SHALL BE HAND LABOR. SEE LANDSCAPE PLAN FOR RESTRICTIONS.
11. CONTRACTOR IS RESPONSIBLE FOR PHOTO DOCUMENTATION OF ALL CLOSED IN WORK.
12. ALL EARTHWORK, INCLUDING SITE CLEARING, PIER DRILLING AND SPREAD FOOT EXCAVATION, PREPARATION OF SUBGRADE AND SELECT FILL BENEATH SLABS-ON-GRADE AND OTHER FLATWORK, PLACEMENT AND COMPACTION OF ENGINEERED FILL, AND SURFACE AND SUBSURFACE DRAINAGE SHOULD BE PERFORMED IN ACCORDANCE WITH THE RECOMMENDATIONS BY STRUCTURAL ENGINEER. STRUCTURAL ENGINEER SHOULD BE PROVIDED AT LEAST 48 HOURS ADVANCED NOTIFICATION OF ANY EARTHWORK OPERATIONS AND SHOULD BE PRESENT TO OBSERVE AND/OR TEST OF NECESSARY TO EARTHWORK AND FOUNDATION INSTALLATION PHASES OF THE PROJECT.
13. PROPERTY LINES ARE SHOWN FOR REFERENCE ONLY AND ADDED PER CITY/TOWN ASSESSOR’S PARCEL MAP. IF A DISCREPANCY ARISES, A BOUNDARY SURVEY SHALL BE COMPLETED BY A LICENSED SURVEYOR TO RESOLVE THE ISSUE.
14. CONTRACTOR TO VISIT SITE TO CONFIRM EXISTING CONDITIONS PRIOR TO SUBMITTING BID. CONTRACTOR TO EXAMINE AND NOTE ALL EXISTING CONDITIONS AS THE CHARACTER AND EXTENT OF WORK INVOLVED.
15. CONTRACTOR TO REMOVE ALL OBSTRUCTIONS BOTH BELOW AND ABOVE GROUND, AS NECESSARY FOR CONSTRUCTION OF THE PROPOSED IMPROVEMENTS.
16. BID IS TO BE SUBMITTED ON A LINE ITEM BASIS WITH UNIT PRICING WHERE APPLICABLE.

1675 FAIRWAY

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1675 Lot 6 Residential Landscape Plan

Property Owner:
Owners of
1675 Fairway Drive
Los Altos

Plan Prepared by
Landscape Designer
Agnes Tung
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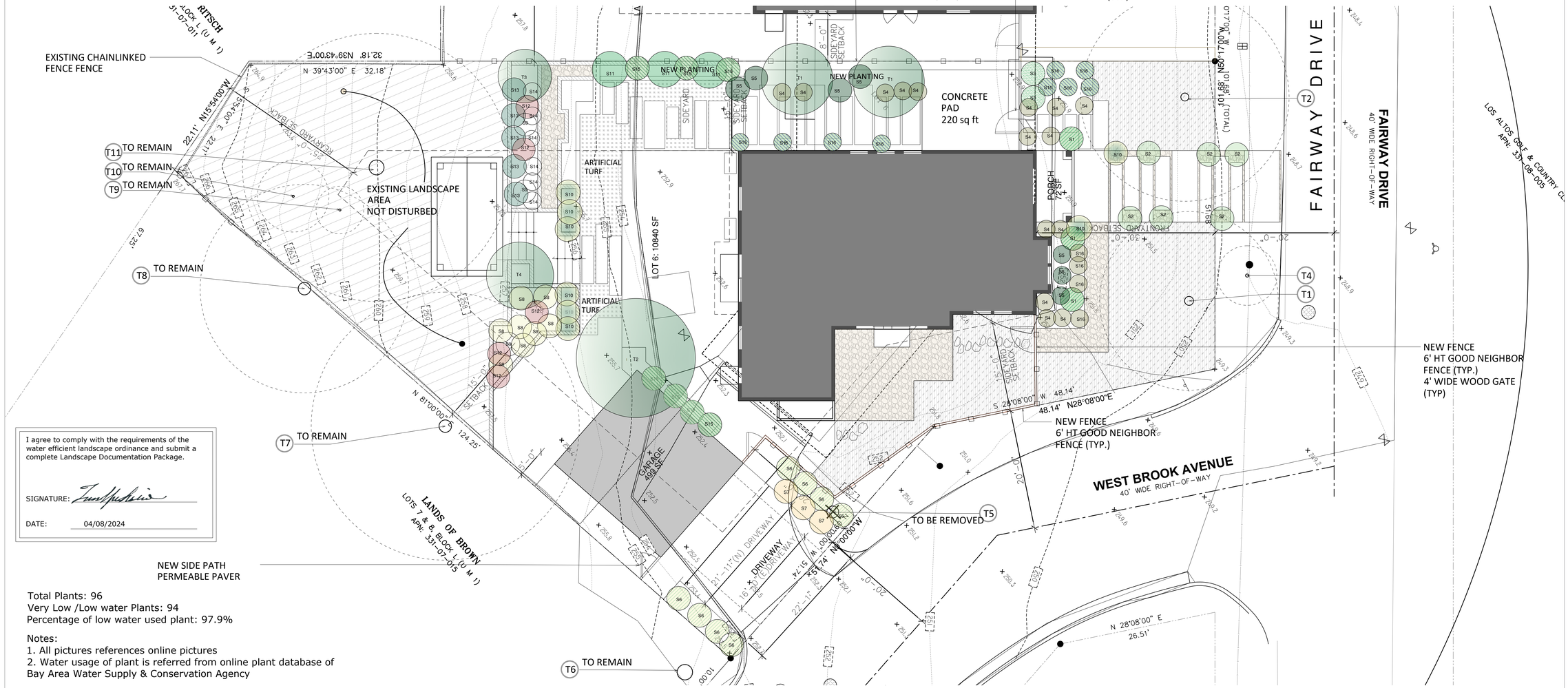

I agree to comply with the requirements of the water efficient landscape ordinance and submit a complete Landscape Documentation Package.

SIGNATURE:

DATE: 04/08/2024

Total Plants: 96
Very Low /Low water Plants: 94
Percentage of low water used plant: 97.9%

Notes:
1. All pictures references online pictures
2. Water usage of plant is referred from online plant database of Bay Area Water Supply & Conservation Agency

Plant List

Symbol	Quantity	Botanical Name	Common Name	Specification	Ht. x spread	Water useage	Native
Tree							
T1	2	Prunus Laurocerasus	Cherry Laurel	15 gal, tree form, std	25'x15'	L	No
T2	1	Ulmus parvifolia 'Drake'	Drake's Chinese Elm	24 in tree form, std.	30'x20'	L	No
T3	1	Cercis Occidentalis	Western redbud	24 in tree form	15'x15'	L	Yes
T4	1	Cercis canadensis	Eastern redbud	24 in tree form, std.	30'x30'	L	No
Shrubs							
S1	3	Furcraea Foetida	False Agave	15 Gal	6'x8'	L	No
S2	7	Lomandra longifolia 'Arctic Frost'	Arctic Frost Mat Rush	2-3 Gal	2'x2'	L	No
S3	2	Podocarpus gracilior	Podocarpus Gracilior	15 Gal	8'x6'	M	No
S4	15	Dianella revoluta 'Little Rev'	Flex Lily	5 Gal.	2'x2'	L	No
S5	7	Acacia cognata	Cousin Itt Acacia	5 Gal.	3'x5'	L	No
S6	6	Pittosporum tobira	Mock Orange	15 Gal	6'x6'	L	No
S7	3	Dietes bicolor	Yellow Fortnight Lily	5 Gal.	3'x3'	VL	No
S8	8	Ceanothus spp.	California Lilac	1 Gal.	2'x4'	VL	Yes
S9	3	Phormium tenax 'Amazing Red'	Amazing Red New Zealand Flax	5 Gal.	4'x4'	L	No
S10	8	Agave attenuata 'Ray of Light'	Variegated Fox Tail Agave	5 Gal.	3'x3'	L	No
S11	2	Prunus caroliniana	Carolina Cherry Laurel	15gal, tree form, std	12'x12'	L	No
S12	3	Pittosporum tobira 'Variegatum'	Variegated Japanese Mock Orange	15 gal, 4 feet min	5'x6'	L	No
S13	5	Agave attenuata ''Blue Flame'	'Blue Flame' agave	5 gal	3'x3'	L	No
S14	6	Sedum rupestre 'Angelina'	Golden Sedum	1 gal	6"x3'	L	No
S15	7	Trachelospermum jasminoides	star jasmine	5 gal, trained	8'x8'	L	No
S16	13	Festuca Glauca	Blue Fescue	1gal	18"x2'	L	No

PLANTING NOTES

1. PROVIDE MATCHING SIZES AND FORMS FOR EACH SPECIES FOR TREES INSTALLED IN GRID OR SPACED EQUALLY IN ROWS AS SHOWN ON DRAWINGS. ALIGN TREES ACROSS ROADWAYS, DRIVES OR WALKWAYS. ADJUST SPACING AS NECESSARY.
2. PROVIDE MATCHING SIZES AND FORMS FOR ALL HEDGE PLANTINGS. SPACE EQUALLY ON TRIANGULAR OR GRID SPACING AS CALLED FOR ON DETAIL. WHERE GROUND COVER IS SHOWN AS A HATCH, QUANTITIES ARE NOT GIVEN. PROVIDE PLANT MATERIAL TO FILL SPACE SHOWN ON DRAWINGS.
3. EQUALLY SPACE VINES PLANTED IN ROWS AGAINST WALLS OR FENCES. SEE DRAWINGS FOR QUANTITY AND SPACING. REMOVE ALL VINES FROM NURSERY STAKES AND SPREAD OUT ONTO WALL PRIOR TO ATTACHING TO SURFACE.
4. PLANT NAMES ARE ABBREVIATED ON THE DRAWINGS. SEE PLANT LIST FOR KEY AND CLASSIFICATION.
5. MULCH: MULCH IS TO BE 3" MINI PINE BARK. CONFIRM SELECTION WITH OWNER/PROJECT MANAGER PRIOR TO PLANTING.
6. SOIL AMENDMENT: AMEND SOIL PER SOILS REPORT AND DIRECTION OF OWNER/PROJECT MANAGER. SOIL TEST LOCATION PER L.A.; A MINIMUM OF 2" OF FULLY STABILIZED AND CERTIFIED COMPOST IS TO BE INCORPORATED IN THE TOP 12" OF SOIL.
7. SLOW-RELEASE FERTILIZER TABLET: "AGRIFORM" 7 GRAM TABLETS WITH 20-10-5 (N-P-K) BY SCOTTS (800) 492-8255.
8. LANDSCAPE MAINTENANCE:
   - A. LANDSCAPE MAINTENANCE SHALL BE PROVIDED FOR (90 DAYS) AFTER PRELIMINARY ACCEPTANCE.
   - B. QUALIFICATIONS: LANDSCAPE CONTRACTOR OR MAINTENANCE SUBCONTRACTOR SHALL HAVE A FULL TIME EMPLOYEE ASSIGNED TO THE JOB AS FOREMAN FOR THE DURATION OF THE CONTRACT. FOREMAN SHALL HAVE A MINIMUM OF FOUR (4) YEARS EXPERIENCE IN LANDSCAPE MAINTENANCE SUPERVISION, WITH EXPERIENCE OR TRAINING IN TURF MANAGEMENT, ENTOMOLOGY, PEST CONTROL, SOILS, FERTILIZERS AND PLANT IDENTIFICATION.
   - C. MAINTENANCE CONTRACTOR TO MAINTAIN ALL PLANT MATERIALS AND IRRIGATION SYSTEM.
   - D. CONTRACTOR TO INSTRUCT MAINTENANCE CONTRACTOR.
   - E. LANDSCAPE MAINTENANCE CONTRACTOR SHALL SUBMIT MAINTENANCE SCHEDULE TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO START OF LANDSCAPE MAINTENANCE PERIOD.
   - F. AT BEGINNING OF MAINTENANCE PERIOD, VISIT AND WALK SITE WITH LANDSCAPE ARCHITECT TO VERIFY SCOPE OF WORK AND UNDERSTAND EXISTING /SITE CONDITIONS. NOTIFY LANDSCAPE ARCHITECT FIVE (5) DAYS PRIOR TO VISIT.
   - G. MATCH ALL MATERIALS WITH SAME MATERIALS USED IN ORIGINAL INSTALLATION.
   - H. STERILIZE ALL TOOLS USED PRIOR TO ANY MAINTENANCE WORK.
17. ALL TREES AND HEDGES ARE NOT TO BE TRIMMED IN GEOMETRIC FORMS AND ARE TO BE LEFT IN A NATURAL HABIT.
18. CLOSE OUT AND MAINTENANCE MANUAL: LANDSCAPE CONTRACTOR SHALL SUBMIT A MANUAL WITH ALL MATERIALS AND PRODUCTS USED IN CONSTRUCTION AND MAINTENANCE PERIOD. MAKE CORRECTIONS AND ADDITIONS PER DIRECTION OF LANDSCAPE ARCHITECT PRIOR TO FINAL SUBMITTAL TO THE OWNER. SUBMIT LOG OF ALL FERTILIZERS AND HERBICIDES WITH DATES AND RATES APPLIED DURING MAINTENANCE PERIOD. LANDSCAPE ARCHITECT SHALL WALK SITE WITH CONTRACTOR AND NOTE ALL UNSATISFACTORY WORK. UNSATISFACTORY WORK SHALL BE CORRECTED WITHIN 10 CALENDAR DAYS.

1675 FAIRWAY

MUZIK DESIGN STUDIO
329 Primrose Road
Unit 415
Burlingame, CA 94010

1675 Lot 6 Residential Landscape Plan

Property Owner:
Owners of
1675 Fairway Drive
Los Altos

Plan Prepared by
Landscape Designer
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Drawing Title

PLANTING PLAN

Drawing Scale

1/8"=1'-0"

Sheet Title

L-3

4/08/2024

IRRIGATION NOTES

1.ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.

2. IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITHIN SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.

3. UNSIZED LATER LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE ¾"IN SIZE. (TYPICAL).

4. SIZING OF LATERA; PIPE SHALL BE AS FOLLOWS:
.75" 0-6 GPM
1" 7-12 GPM
1.25" 13-20 GPM

5. SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:
.75" 0-500 FT
1" 501-1100 FT

6. SIZING OF LATERAL PIPE FOR DRIPLINE (18" O.C GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:
.75" 0-1100 FT
1" 1101-2200 FT

7. AUTOMATIC IRRIGATION CONTROLLERS ARE REQUIRED AND MUST USE EVAPOTRANSPIRATION OR SOIL MOISTURE SENSOR DATA AND UTILIZE A RAIN SENSOR.

8. IRRIGATION CONTROLLERS SHALL BE A TYPE WHICH DOES NOT LOSE PROGRAMMING DATA IN THE EVENT THE PRIMARY POWER SOURCE IS INTERRUPTED.

9. PRESSURE REGULATORS SHALL BE INSTALLED ON THE IRRIGATION SYSTEM TO ENSURE THE DYNAMIC PRESSURE OF THE SYSTEM IS WITHIN THE MANUFACTURER'S RECOMMENDED PRESSURE RANGE.

10. MANUAL SHUT-OFF VALVES (SUCH AS A GATE VALVE, BALL VALVE, OR BUTTERFLY VALVE) SHALL BE INSTALLED AS CLOSE TO POSSIBLE TO THE POINT OF CONNECTION OF THE WATER SUPPLY.

11. ALL IRRIGATION EMISSION DEVICES MUST MEET THE REQUIREMENTS SET IN THE ANSI STANDARD, ASABE/ICC 802-2014 "LANDSCAPE IRRIGATION SPRINKLER AND EMITTER STANDARD." ALL SPRINKLER HEADS INSTALLED IN THE LANDSCAPE MUST DOCUMENT A DISTRIBUTION UNIFORMITY LOW QUARTER OF 0.65 OR HIGHER USING THE PROTOCOL DEFINED IN ASABE/ICC 802-2014.

12. DEDICATED IRRIGATION METERS ARE REQUIRED FOR NON-RESIDENTIAL PROJECTS WITH MORE THAN 1,000 SQ. FT. OF LANDSCAPE AREA.

IRRIGATION SCHEDULE

FOR THE EFFICIENT USE OF WATER, ALL IRRIGATION SCHEDULES SHALL BE DEVELOPED, MANAGED, AND EVALUATED TO UTILIZE THE MINIMUM AMOUNT OF WATER REQUIRED TO MAINTAIN PLANT HEALTH.IRRIGATION SCHEDULES SHALL MEET THE FOLLOWING CRITERIA:

1.IRRIGATION SCHEDULING SHALL BE REGULATED BY AUTOMATIC IRRIGATION CONTROLLERS.

2.OVERHEAD IRRIGATION SHALL BE SCHEDULED BETWEEN 8:00 P.M. AND 10:00 A.M. UNLESS WEATHER CONDITIONS PREVENT IT. IF ALLOWABLE HOURS OF IRRIGATION DIFFER FROM THE LOCAL WATER PURVEYOR, THE STRICTER OF THE TWO SHALL APPLY. OPERATION OF THE IRRIGATION SYSTEM OUTSIDE THE NORMAL WATERING WINDOW IS ALLOWED FOR AUDITING AND SYSTEM MAINTENANCE.

3.FOR IMPLEMENTATION OF THE IRRIGATION SCHEDULE, PARTICULAR ATTENTION MUST BE PAID TO IRRIGATION RUN TIMES, EMISSION DEVICE, FLOW RATE, AND CURRENT REFERENCE EVAPOTRANSPIRATION, SO THAT APPLIED WATER MEETS THE ESTIMATED TOTAL WATER USE(ETWU). TOTAL ANNUAL APPLIED WATER SHALL BE LESS THAN OR EQUAL TO MAXIMUM APPLIED WATER ALLOWANCE (MAWA). ACTUAL IRRIGATION SCHEDULES SHALL BE REGULATED BY AUTOMATIC IRRIGATION CONTROLLERS USING CURRENT REFERENCE EVAPOTRANSPIRATION DATA (E.G., CIMIS) OR SOIL MOISTURE SENSOR DATA.

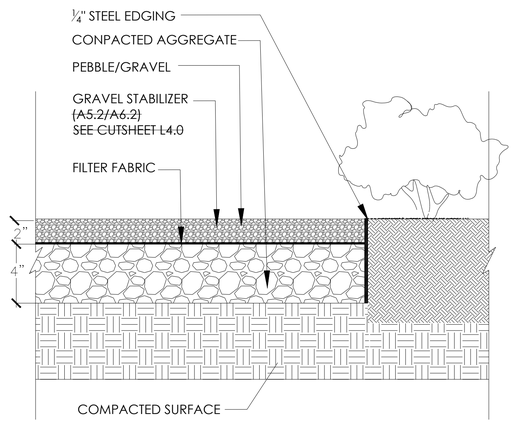
4.PARAMETERS USED TO SET THE AUTOMATIC CONTROLLER SHALL BE DEVELOPED AND SUBMITTED FOR EACH OF THE FOLLOWING:(A) THE PLANT ESTABLISHMENT PERIOD.(B) THE ESTABLISHED LANDSCAPE.(C) TEMPORARILY IRRIGATED AREAS.

5.EACH IRRIGATION SCHEDULE SHALL CONSIDER FOR EACH STATION ALL OF THE FOLLOWING THAT APPLY:
(A) IRRIGATION INTERVAL (DAYS BETWEEN IRRIGATION)
(B) IRRIGATION RUN TIMES (HOURS OR MINUTES PER IRRIGATION EVENT TO AVOID RUNOFF
(C) NUMBER OF CYCLE STARTS REQUIRED FRO EACH IRRIGATION EVENT TO AVOID RUNOFF
(D) AMOUNT OF APPLIED WATER SCHEDULED TO BE APPLIED ON A MONTHLY BASIS
(E) APPLICATION RATE SETTING
(F) ROOT DEPTH SETTING
(G) PLANT TYPE SETTING
(H) SOIL TYPE(I) SLOPE FACTOR SETTING
(J) SHADE FACTOR SETTING
(K) IRRIGATION UNIFORMITY OR EFFICIENCY SETTING

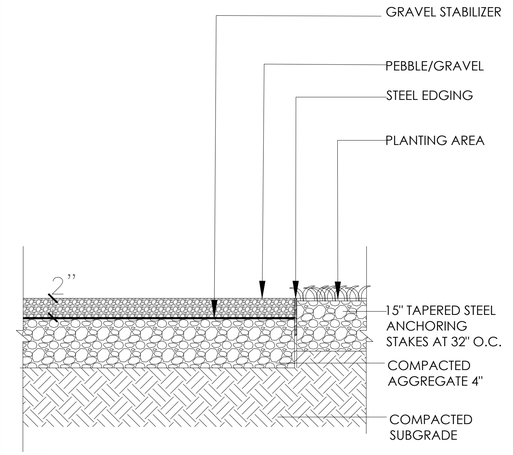
6.THE CONTRACTOR SHALL SET UP SOAK CYCLES WITH MULTIPLE START TIMES WHICH WILL ELIMINATE POOLING AND RUN OFF. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MANAGE LANDSCAPE SO AS TO NOT EXCEED THE ESTIMATED ETWU.

7.FOR IRRIGATION ZONE SCHEDULING, REFER TO MWELO CALCULATIONS FOR VALVE ZONE ETWU.

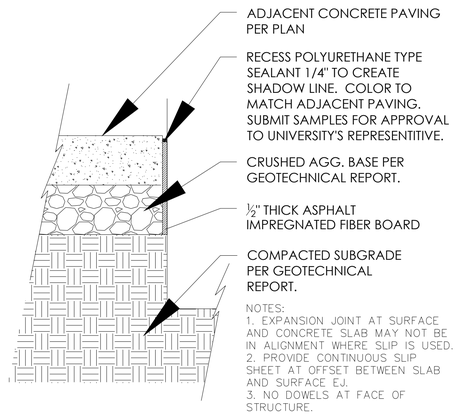
8.APPROXIMATE IRRIGATION DAYS (52 TOTAL)
JANUARY (1)
FEBRUARY (2)
MARCH (4)
APRIL (5)
MAY (7)
JUNE (8)
JULY (8)
AUGUST (7)
SEPTEMBER (5)
OCTOBER (3)
NOVEMBER (3)
DECEMBER (1)



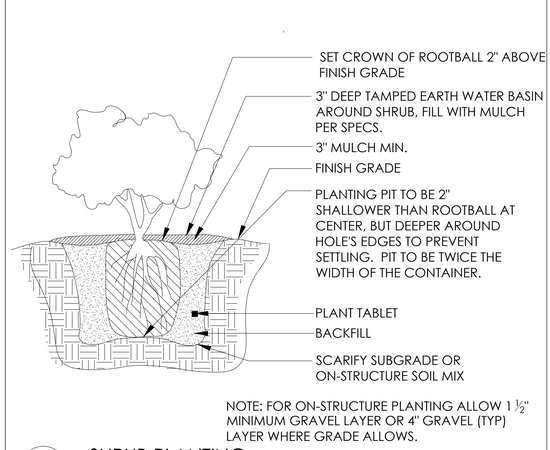
6 PLANTING NEXT TO PEBBLE
N.T.S.



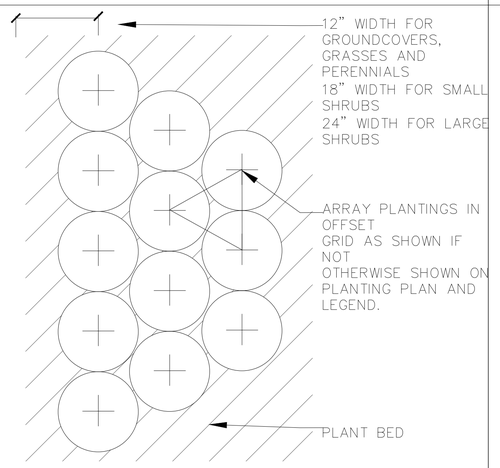
3 PEBBLE WITH STEEL EDGE
N.T.S.



5 EXPANSION JOINT AT VERTICAL SURFACE
N.T.S.



2 SHRUB PLANTING
N.T.S.



4 GROUNDCOVER PLANTING
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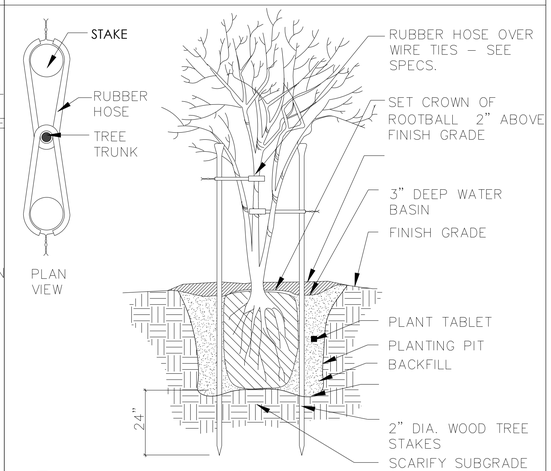

1 TREE PLANTING / STAKING
N.T.S.

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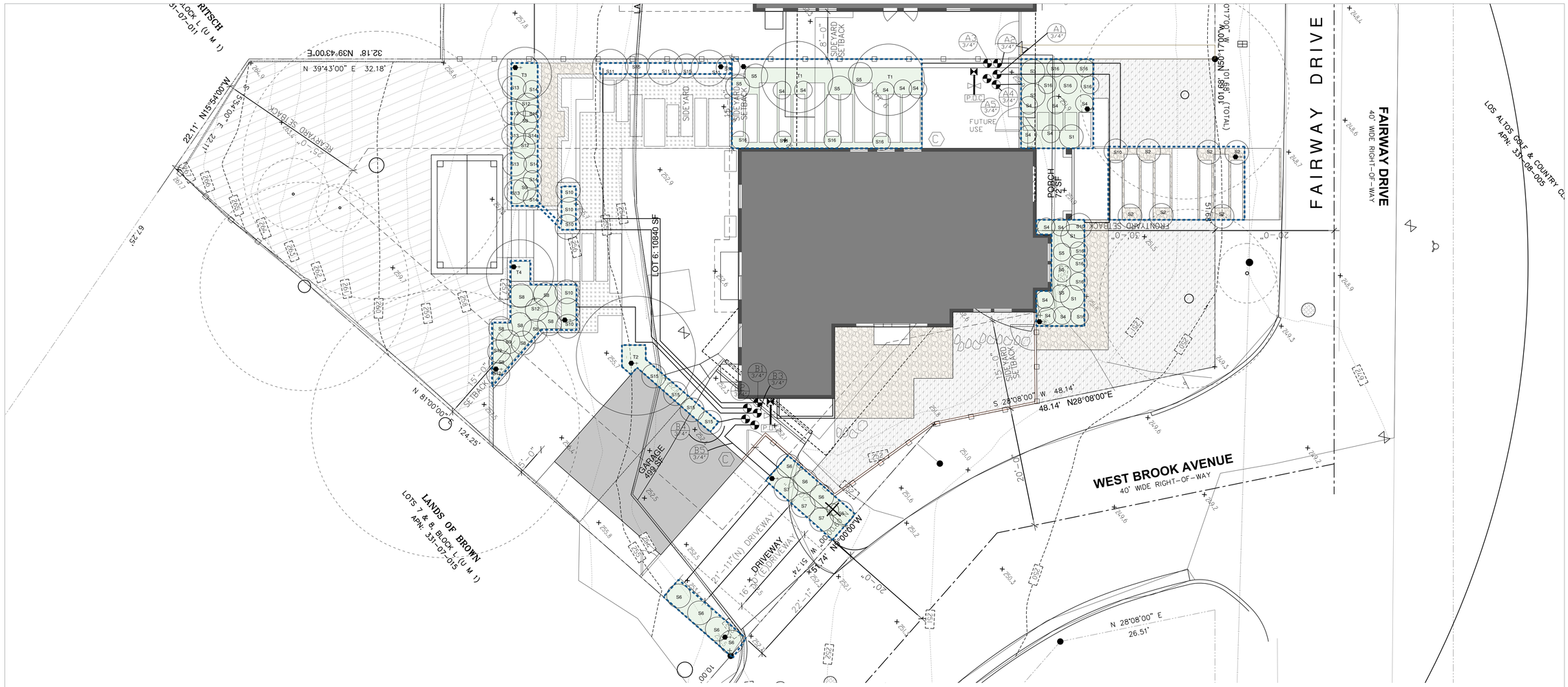
L-4

4/08/2024



Reference Evapotranspiration (Eto)	43	Los Altos				
	ETWU requirement	ETWU requirement	ETWU requirement	ETWU requirement	MAWA requirement	ETWU requirement
Hydrozone # / Planting Description	Plant Factor (PF)	Irrigation Mathod	Irrigation Efficiency (IE)	ETAF (PF / IE)	Landscaped Area (LA) (sq.ft.)	ETAF x area
Regular Landscape Area						
A1 Front yard planting	0.2	Drip	0.81	0.247	162	40.00
A2 Entry path planting	0.2	Drip	0.81	0.247	77	19.01
A3 Fron planting	0.2	Drip	0.81	0.247	272	67.16
A4 side yard path	0.2	Drip	0.81	0.247	166	40.99
B1 Driveway	0.2	Drip	0.81	0.247	106	26.17
B2 Backyard planting	0.2	Drip	0.81	0.247	116	28.64
B3 Backyard Planting	0.2	Drip	0.81	0.247	139	34.32
B4 garage planting	0.2	Drip	0.81	0.247	49	12.10
B5 Driveway planting	0.2	Drip	0.81	0.247	153	37.78
			Totals		1240.00	221.98
Special Landscape Area (SLA): Recycled Water						
1) Low water use plants				1	0	0
2) Medium water use plants				1	0	0
3) Medium water use plants				1	0	0
				Totals	0	0
						Estimate Total Water Use (ETWU)
						Maximum Allowed Water Allowance (MAWA)

Regular Landscape Areas

Total ETAF x Area	221.98	Average ETAF for regular landscape areas must be 0.55 or below
Total Area	1240.00	for residential areas, and **0.45 or below for non-residential**
Average ETAF	**0.179**	**areas.*** Caltrans projects must be 0.45 or below
	Less than 0.55	

Total Landscape Areas

MAWA Total	14876.28	Gallons /year
ETWU Total	5917.86	Gallons /year
		Percent reduction of Portable
Sitewide ETAF	**60.22**	

I agree to comply with the requirements of the water efficient landscape ordinance and submit a complete Landscape Documentation Package.

SIGNATURE:

DATE: 04/08/2024

IRRIGATION LEGEND

Symbol	Description
P.O.C.	Point of connection (Connect to irrigation water meter) Irrigation water meter - to be provided by others. If static pressure at water meter exceeds 120 PSI - use SCH 40 steel pipe from irrigation meter to irrigation RP. assembly (size as noted on plans)
	Schedule 40 - or class 315 PVC pressure mainline (1")
	Schedule 40 PVC non-pressure sleeve under pavement (2X size inside pipe)
	Class 200 PVC non-pressure lateral line (size as noted)
	FEBCO Reduced Pressure Backflow Assembly 825YA-1"
1"	Indicates controller station number
	Indicates valve size
C	Hunter I-Core irrigation controller W/Weather Sensor
	Rainbird - Flush Valve MDCFCAP
	Hunter Remote Control valve w/ 40 PSI Pressure Regulator and 1" Filter
	Hunter Remote Control valve w/ 40 PSI Pressure Regulator and 1" Filter (Tree Drip Rings)
	Hunter - PROS-04 - 4" Pro-Spray Pop-Up Sprinkler Head
R	Hunter ICORE Solar Sync Sensing System. WSS-SEN
	PVC isolation ball valve. Size as mainline. Locate in valve box.
	XFCV Subsurface Tree Drip Ring Dripline Model XFS-06-12
	Toro's new pressure-compensating ½" (13mm) threaded Drip Bubblers. One bubbler per shrub and two bubble per tree

1675 FAIRWAY

MUZIK DESIGN STUDIO
329 Primrose Road
Unit 415
Burlingame, CA 94010

1675 Lot 6 Residential Landscape Plan

Property Owner:
Owners of
1675 Fairway Drive
Los Altos

Plan Prepared by
Landscape Designer
Agnes Tung
Muzik Design
(239) 410-9251
agnesytung@gmail.com

Drawing Title

IRRIGATION AND WELO CALCULATION

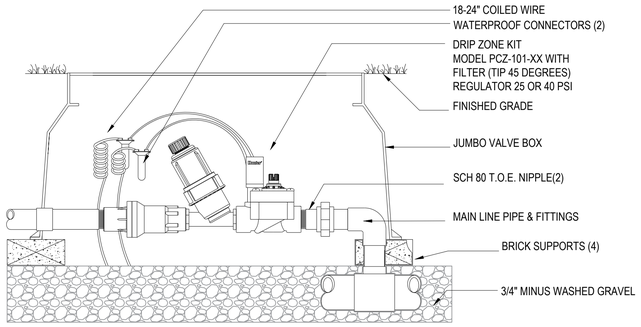
Drawing Scale

1/8"=1'-0"

Sheet Title

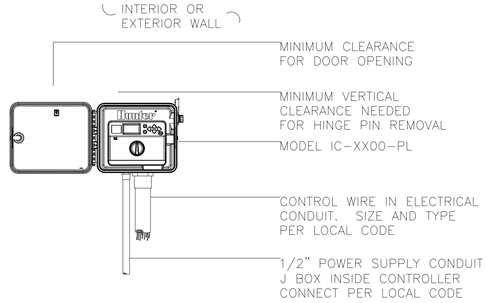
L-5

4/08/2024



1 REMOTE CONTROL VALVE (ICZ) WITH ISOLATION VALVE

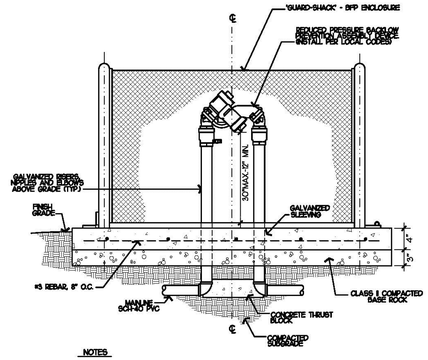
NOT TO SCALE



NOTE
SPECIFY 6, 12, 18, 24, 30, STATION MODEL CONTROLLER. MOUNT CONTROLLER WITH LCD SCREEN AT EYE LEVEL. CONTROLLER SHALL BE HARD-WIRED TO GROUNDED 110 or 220 VAC SOURCE.

2 I-CORE CONTROLLER

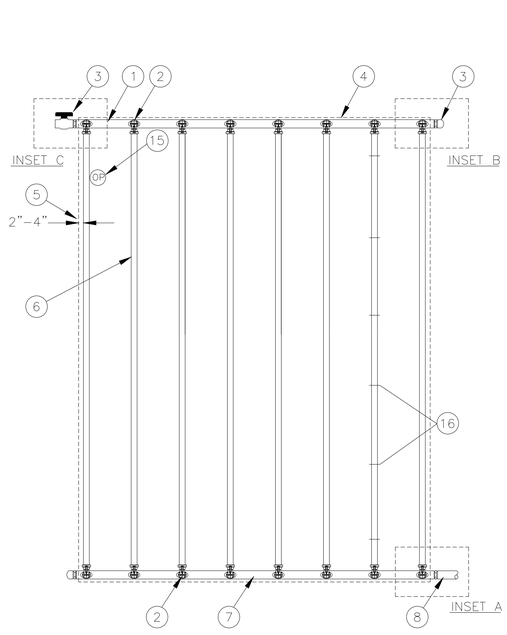
SCALE: 1" = 1'-0" IRRIGATION DETAIL

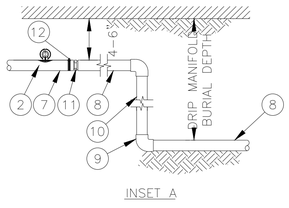


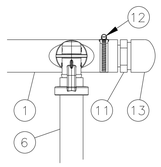
NOTES:
1. ASSEMBLY TO BE 3'-0" (MIN.) FROM PAVED AREAS.
2. SEAL ALL THREADED CONNECTIONS WITH "PERMATEX" 51-H PIPE JOINT COMPOUND OR EQUAL.
3. USE BACKFLOW PREVENTER ENCLOSURE - "GUARD SHACK". SIZE ENCLOSURE AS REQUIRED. B.P.D.I. INC. (602) 788-5411
4. INSTALL FREEZE PROTECTION BLANKET.

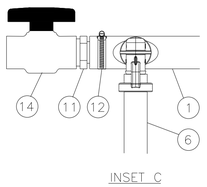
3 REDUCED PRESSURE BACKFLOW ASSEMBLY

N.T.S.









1. QF-FLUSH HEADER
2. PRE-INSTALLED BARB FITTING
3. FLUSH POINT WITH PVC CAP OR OPTIONAL PVC BALL VALVE PERIMETER OF AREA
4. PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PERIMETER OF AREA
5. RAIN BIRD XFS SERIES DRIPLINE (TYPICAL)
6. QF-SUPPLY HEADER
7. PVC DRIP MANIFOLD FROM RAIN BIRD CONTROL ZONE VALVE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
8. PVC SCH 40 ELL (TYPICAL)
9. PVC SCH 40 RISER PIPE
10. MALE ADAPTER INSERT
11. STAINLESS STEEL, OETIKER OR MURRAY CLAMP
12. PVC SCH 40 CAP
13. PVC SCH 40 BALL VALVE
14. OPERATION INDICATOR RAIN BIRD MODEL: OPERIND
15. XF SERIES TIE-DOWN STAKES (TDS-050) REFER TO RAIN BIRD DRIPLINE DESIGN GUIDE FOR PROPER SPACING

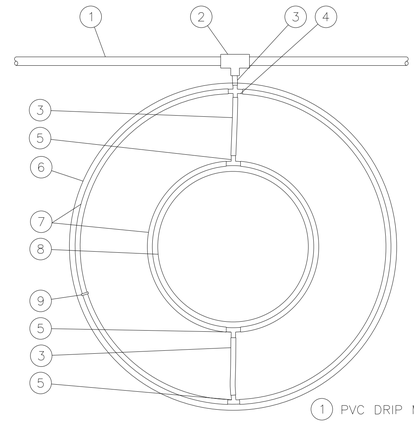
NOTES:
1. DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE INSTALLATION SPECIFICATIONS ON RAIN BIRD WEB SITE (WWW.RAINBIRD.COM) FOR SUGGESTED SPACING.
2. LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM SPACING SHOWN IN THE ACCOMPANYING TABLE.

4 DRIP LINE LAYOUT AND ASSEMBLY

N.T.S.

XFS Dripline Maximum Lateral Lengths (Feet)

Inlet Pressure psi	12" Spacing		18" Spacing		24" Spacing	
	Nominal Flow (gph)		Nominal Flow (gph)		Nominal Flow (gph)	
	0.6	**0.9**	**0.6**	**0.9**	**0.6**	**0.9**
15	273	155	314	250	424	322
20	318	169	353	294	508	368
30	360	230	413	350	586	414
40	395	255	465	402	652	474
50	417	285	528	420	720	488
60	460	290	596	455	780	514



1. PVC DRIP MANIFOLD PIPE
2. PVC SCH 40 TEE OR EL
3. ½" POLYETHYLENE TUBING: RAIN BIRD XF SERIES BLANK TUBING
4. BARB CROSS INSERT FITTING: RAIN BIRD XFD-CROSS
5. BARB TEE INSERT FITTING: RAIN BIRD XFF-TEE
6. PROJECTED CANOPY LINE OF TREE
7. ON-SURFACE DRIPLINE: RAIN BIRD XF SERIES DRIPLINE POTABLE: XFCV DRIPLINE PLACE AS SHOWN (LENGTH AS REQUIRED)
8. ROOT BALL
9. TIE DOWN STAKE: RAIN BIRD TDS-050 WITH BEND (QUANTITY AS REQUIRED, SEE NOTES 2-3 BELOW)

NOTES:
1. DISTANCE BETWEEN LATERAL RINGS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, AND TREE CANOPY. SEE INSTALLATION SPECIFICATIONS ON RAIN BIRD WEB SITE (WWW.RAINBIRD.COM) FOR SUGGESTED SPACING.
2. PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
3. AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.

5 XFCV ON-SURFACE DRIPLINE AROUND TREE

N.T.S.

1675 FAIRWAY

MUZIK DESIGN STUDIO
329 Primrose Road
Unit 415
Burlingame, CA 94010

1675 Lot 6 Residential Landscape Plan

Property Owner:
Owners of
1675 Fairway Drive
Los Altos

Plan Prepared by
Landscape Designer
Agnes Tung
Muzik Design
(239) 410-9251
agnesytung@gmail.com

Drawing Title

IRRIGATION DETAILS

Drawing Scale

1/8"=1'-0"

Sheet Title

L-6

4/08/2024