

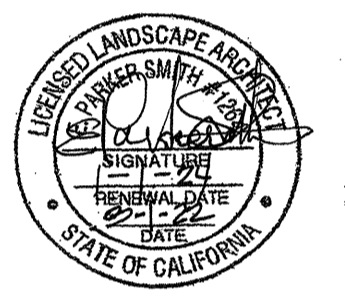


3663 NORTH LAUGHLIN ROAD, SUITE 207
 SANTA ROSA, CALIFORNIA 95403
 PHONE: (707) 526-9645

CONSULTANTS

PARKER SMITH
 LANDSCAPE ARCHITECT
 CA LIC. #1264
 1945 PINER RD. #25,
 SANTA ROSA, CA 95403
 (707) 477-7502

SEAL



NEILMED 2 WAREHOUSE

LOT 7
 AVIATION BLVD
 SANTA ROSA, CA

10/1/21	REDESIGN SITE
REV DATE	DESCRIPTION
PROJECT NO:	22/2
CAD DWG FILE:	
DRAWN BY:	EPB
SCALE:	1" = 20'
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SHEET TITLE	

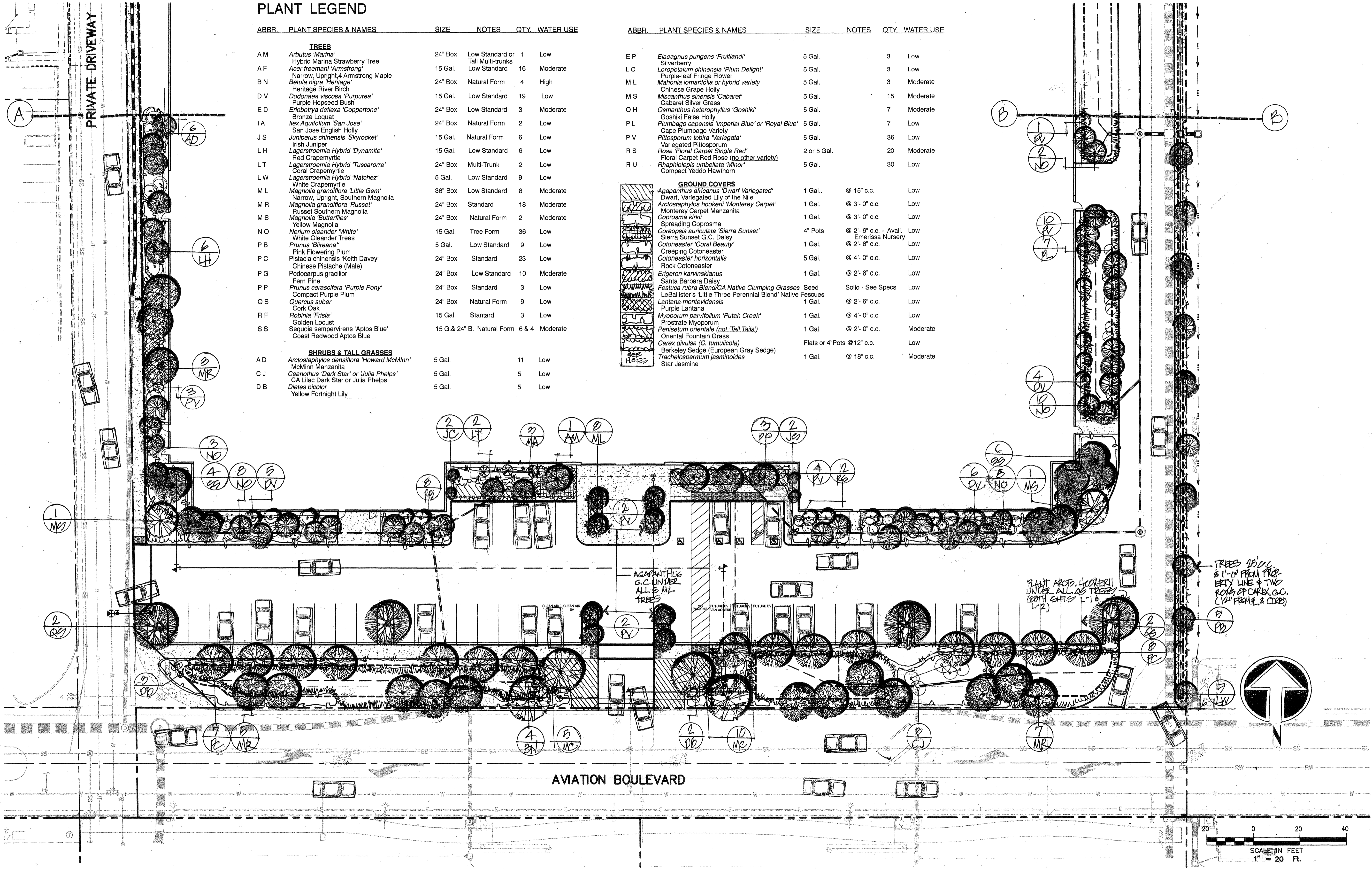
LANDSCAPE PLANTING PLAN

SHEET NUMBER

L-1

PLANT LEGEND

ABBR.	PLANT SPECIES & NAMES	SIZE	NOTES	QTY.	WATER USE	ABBR.	PLANT SPECIES & NAMES	SIZE	NOTES	QTY.	WATER USE
TREES											
AM	<i>Arbutus 'Marina'</i> Hybrid Marina Strawberry Tree	24" Box	Low Standard or Tall Multi-trunks	1	Low	EP	<i>Elaeagnus pungens 'Fruittandi'</i> Silverberry	5 Gal.		3	Low
AF	<i>Acer freemanii 'Armstrong'</i> Narrow, Upright, 4 Armstrong Maple	15 Gal.	Low Standard	16	Moderate	LC	<i>Loropetalum chinensis 'Plum Delight'</i> Purple-leaf Fringe Flower	5 Gal.		3	Low
BN	<i>Betula nigra 'Heritage'</i> Heritage River Birch	24" Box	Natural Form	4	High	ML	<i>Mahonia lomariifolia</i> or hybrid variety Chinese Grape Holly	5 Gal.		3	Moderate
DV	<i>Dodonaea viscosa 'Purpurea'</i> Purple Hopseed Bush	15 Gal.	Low Standard	19	Low	MS	<i>Miscanthus sinensis 'Cabaret'</i> Cabaret Silver Grass	5 Gal.		15	Moderate
ED	<i>Eriobotrya deflexa 'Coppertone'</i> Bronze Loquat	24" Box	Low Standard	3	Moderate	OH	<i>Osmanthus heterophyllus 'Goshiki'</i> Goshiki False Holly	5 Gal.		7	Moderate
IA	<i>Ilex Aquifolium 'San Jose'</i> San Jose English Holly	24" Box	Natural Form	2	Low	PL	<i>Plumbago capensis 'Imperial Blue' or 'Royal Blue'</i> Cape Plumbago Variety	5 Gal.		7	Low
JS	<i>Juniperus chinensis 'Skyrocket'</i> Irish Juniper	15 Gal.	Natural Form	6	Low	PV	<i>Pittosporum tobira 'Variegata'</i> Variegated Pittosporum	5 Gal.		36	Low
LH	<i>Lagerstroemia Hybrid 'Dynamite'</i> Red Crapemyrtle	15 Gal.	Low Standard	6	Low	RS	<i>Rosa 'Floral Carpet Single Red'</i> Floral Carpet Red Rose (to other variety)	2 or 5 Gal.		20	Moderate
LT	<i>Lagerstroemia Hybrid 'Tuscarora'</i> Coral Crapemyrtle	24" Box	Multi-Trunk	2	Low	RU	<i>Rhaphiolepis umbellata 'Minor'</i> Compact Yeddo Hawthorn	5 Gal.		30	Low
LW	<i>Lagerstroemia Hybrid 'Natchez'</i> White Crapemyrtle	5 Gal.	Low Standard	9	Low	GROUND COVERS					
ML	<i>Magnolia grandiflora 'Little Gem'</i> Narrow, Upright, Southern Magnolia	36" Box	Low Standard	8	Moderate	AG	<i>Agapanthus africanus 'Dwarf Variegated'</i> Dwarf, Variegated Lily of the Nile	1 Gal.	@ 15" c.c.		Low
MR	<i>Magnolia grandiflora 'Russet'</i> Russet Southern Magnolia	24" Box	Standard	18	Moderate	AR	<i>Arctostaphylos hookeriana 'Monterey Carpet'</i> Monterey Carpet Manzanita	1 Gal.	@ 3'-0" c.c.		Low
MS	<i>Magnolia 'Butterflies'</i> Yellow Magnolia	24" Box	Natural Form	2	Moderate	CO	<i>Coprosma kirkii</i> Spreading Coprosma	1 Gal.	@ 3'-0" c.c.		Low
NO	<i>Nerium oleander 'White'</i> White Oleander Trees	15 Gal.	Tree Form	36	Low	CS	<i>Coreopsis auriculata 'Sierra Sunset'</i> Sierra Sunset G.C. Daisy	4" Pots	@ 2'-6" c.c. - Avail.		Low
PB	<i>Prunus 'Bireana'</i> Pink Flowering Plum	5 Gal.	Low Standard	9	Low	EM	<i>Emerissa Nursery</i> Creeping Cotoneaster	1 Gal.	@ 2'-6" c.c.		Low
PC	<i>Pistacia chinensis 'Keith Davey'</i> Chinese Pistache (Male)	24" Box	Standard	23	Low	CH	<i>Coloneaster horizontalis</i> Rock Cotoneaster	5 Gal.	@ 4'-0" c.c.		Low
PG	<i>Podocarpus gracilior</i> Fern Pine	24" Box	Low Standard	10	Moderate	ER	<i>Erigeron karvinskianus</i> Santa Barbara Daisy	1 Gal.	@ 2'-6" c.c.		Low
PP	<i>Prunus cerasifera 'Purple Pony'</i> Compact Purple Plum	24" Box	Standard	3	Low	FB	<i>Festuca rubra Blend/CA Native Clumping Grasses</i> LeBallister's 'Little Three Perennial Blend' Native Fescues	Seed	Solid - See Specs		Low
OS	<i>Quercus suber</i> Cork Oak	24" Box	Natural Form	9	Low	LA	<i>Lantana montevidensis</i> Purple Lantana	1 Gal.	@ 2'-6" c.c.		Low
RF	<i>Robinia 'Frisia'</i> Golden Locust	15 Gal.	Standard	3	Low	MP	<i>Myoporum parvifolium 'Putah Creek'</i> Prostrate Myoporum	1 Gal.	@ 4'-0" c.c.		Low
SS	<i>Sequoia sempervirens 'Aptos Blue'</i> Coast Redwood Aptos Blue	15 G. & 24" B.	Natural Form	6 & 4	Moderate	PO	<i>Penisetum orientale (not 'Tall Tails')</i> Oriental Fountain Grass	1 Gal.	@ 2'-0" c.c.		Moderate
SHRUBS & TALL GRASSES											
AD	<i>Arctostaphylos densiflora 'Howard McMinn'</i> McMinn Manzanita	5 Gal.		11	Low	CA	<i>Carex divisa (C. tumulicola)</i> Berkeley Sedge (European Gray Sedge)	Flats or 4" Pots @ 12" c.c.			Low
CJ	<i>Ceanothus 'Dark Star' or 'Julia Phelps'</i> CA Lilac Dark Star or Julia Phelps	5 Gal.		5	Low	TR	<i>Trachelospermum jasminoides</i> Star Jasmine	1 Gal.	@ 18" c.c.		Moderate
DB	<i>Dietes bicolor</i> Yellow Fortnight Lily	5 Gal.		5	Low						

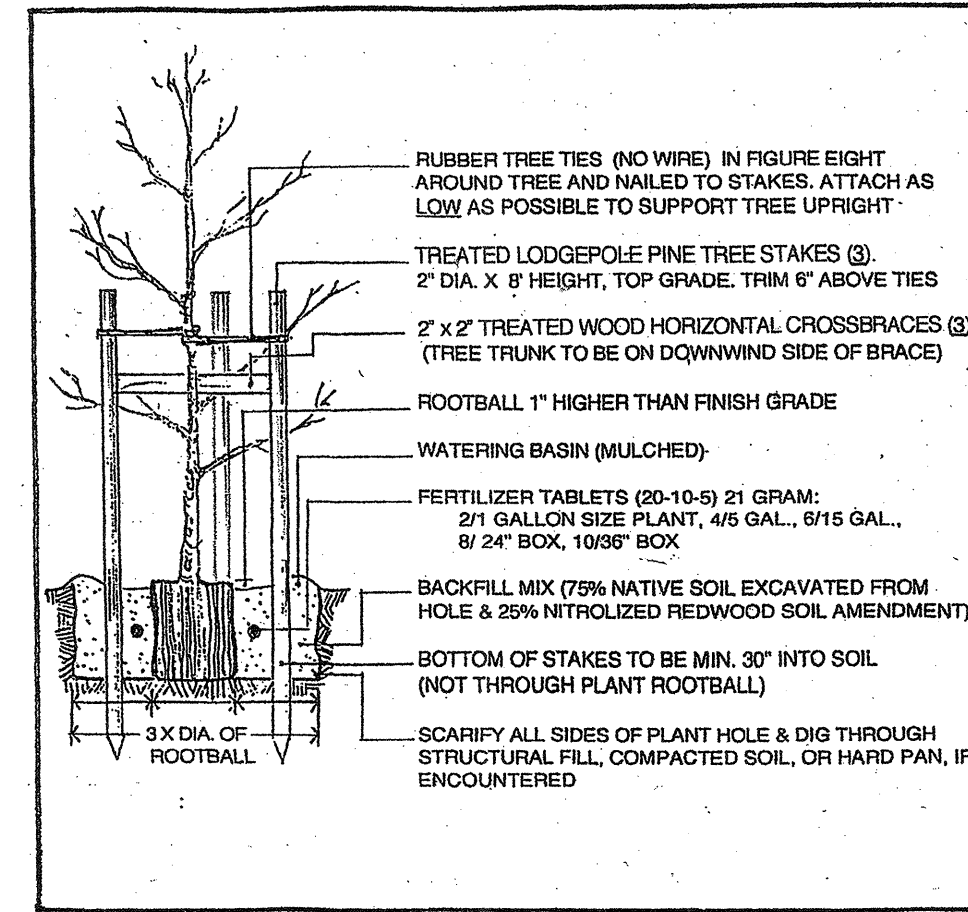


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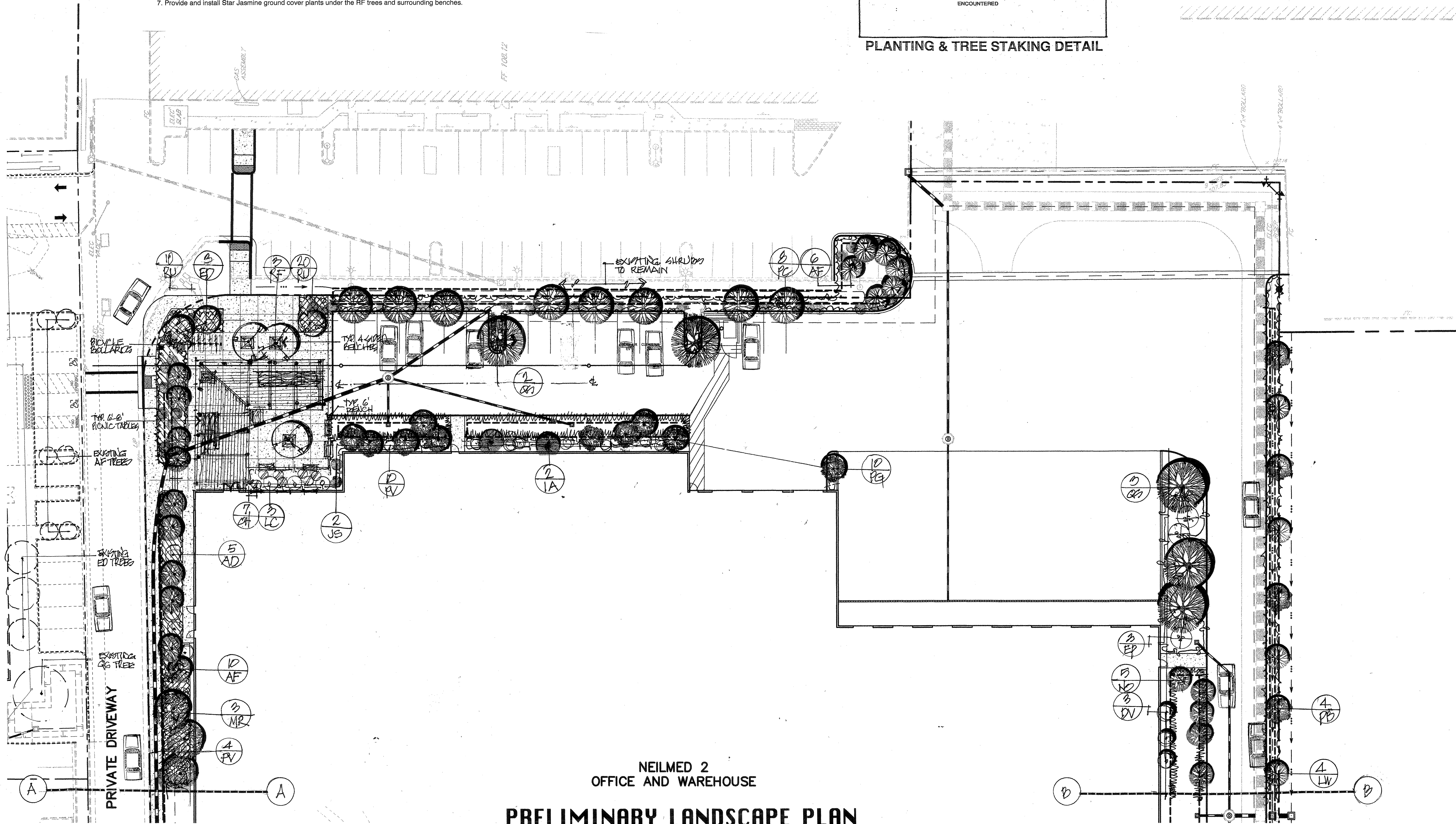
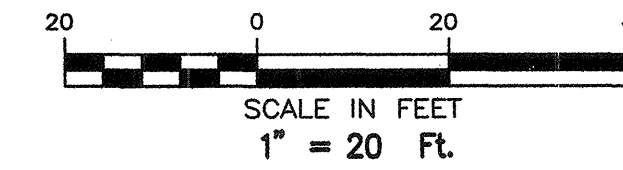
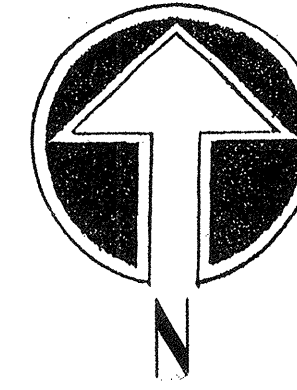
PRELIMINARY LANDSCAPE PLAN

PLANTING NOTES

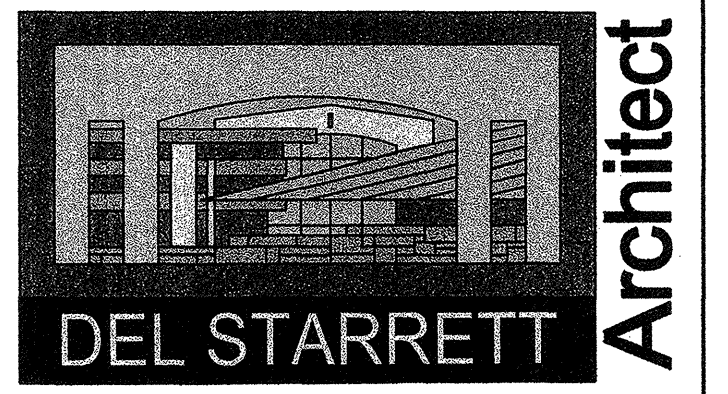
1. All new trees planted within 5' of a sidewalk, curb, paving, building, etc. shall have root barriers (18" deep) installed along the solid object for 5' in each direction centered on the tree's trunk.
2. Plant quantities and square footages are approximate only & Landscape Contractor is responsible to provide & install all plantings as shown.
3. No trees or shrubs shall be installed closer to buildings than 5', except JS trees to be at 3' and DV trees at 4'. PC trees shall be planted 3' from curbs or sidewalks and MR and NO trees 5' from curbs and building walls. Trees, shrubs and ground cover plants may be planted up to half way down slopes of retention basins and swales.
4. Land. Contractor to provide photos of all boxed trees for approval by Landscape Architect prior to ordering. All plants shall be inspected by the L. A. prior to any planting operations and any not acceptable shall be returned at not cost to the Owner or L. A.
5. Install a 4" black steel header 30" from all building walls adjacent to planting areas. Place 'Weedblock' fabric over entire area stapled in place at the base of the steel headers and backfill over with 4" of fine pea gravel.
6. Bicycle posts/bollars (6 for 12 bikes) with rings on both sides to be 42" above grade with a 30" by 10" diameter concrete footing (below concrete paving). Posts to be powder coated charcoal gray. Submit detail/manufacturer model number to L.A. for approval.
7. Provide and install Star Jasmine ground cover plants under the RF trees and surrounding benches.



PLANTING & TREE STAKING DETAIL



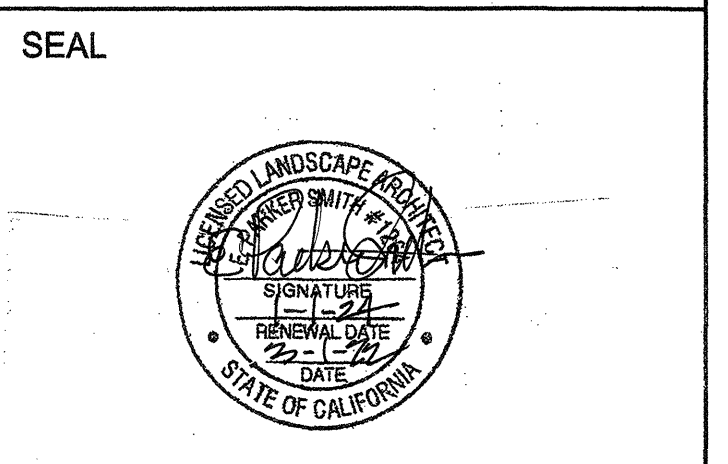
NEILMED 2
OFFICE AND WAREHOUSE
PRELIMINARY LANDSCAPE PLAN



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LOT 7
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SANTA ROSA, CA

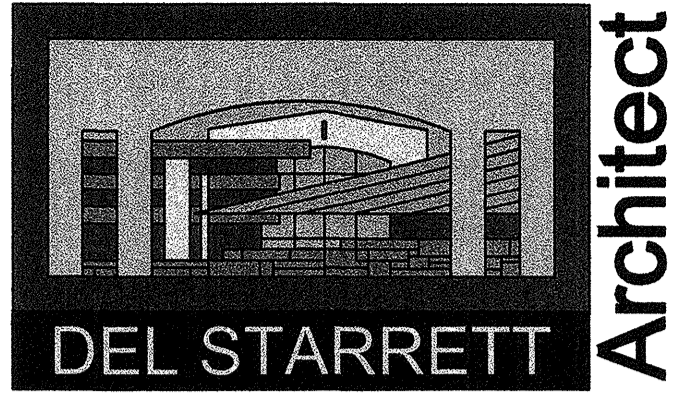
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	10/1/21	REDESIGN SITE
		PROJECT NO: 22/2
		CAD DWG FILE:
		DRAWN BY: SPS
		SCALE: 1" = 20'
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SHEET TITLE

LANDSCAPE PLANTING PLAN

SHEET NUMBER

L-2



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SEAL



NEILMED 2 WAREHOUSE
 LOT 7
 AVIATION BLVD
 SANTA ROSA, CA

REV	DATE	DESCRIPTION
	10/1/21	REDESIGN SITE
		PROJECT NO: 22/2
		CAD DWG FILE:
		DRAWN BY: [Signature]
		SCALE: 1" = 20'

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SHEET TITLE

LANDSCAPE IRRIGATION PLAN

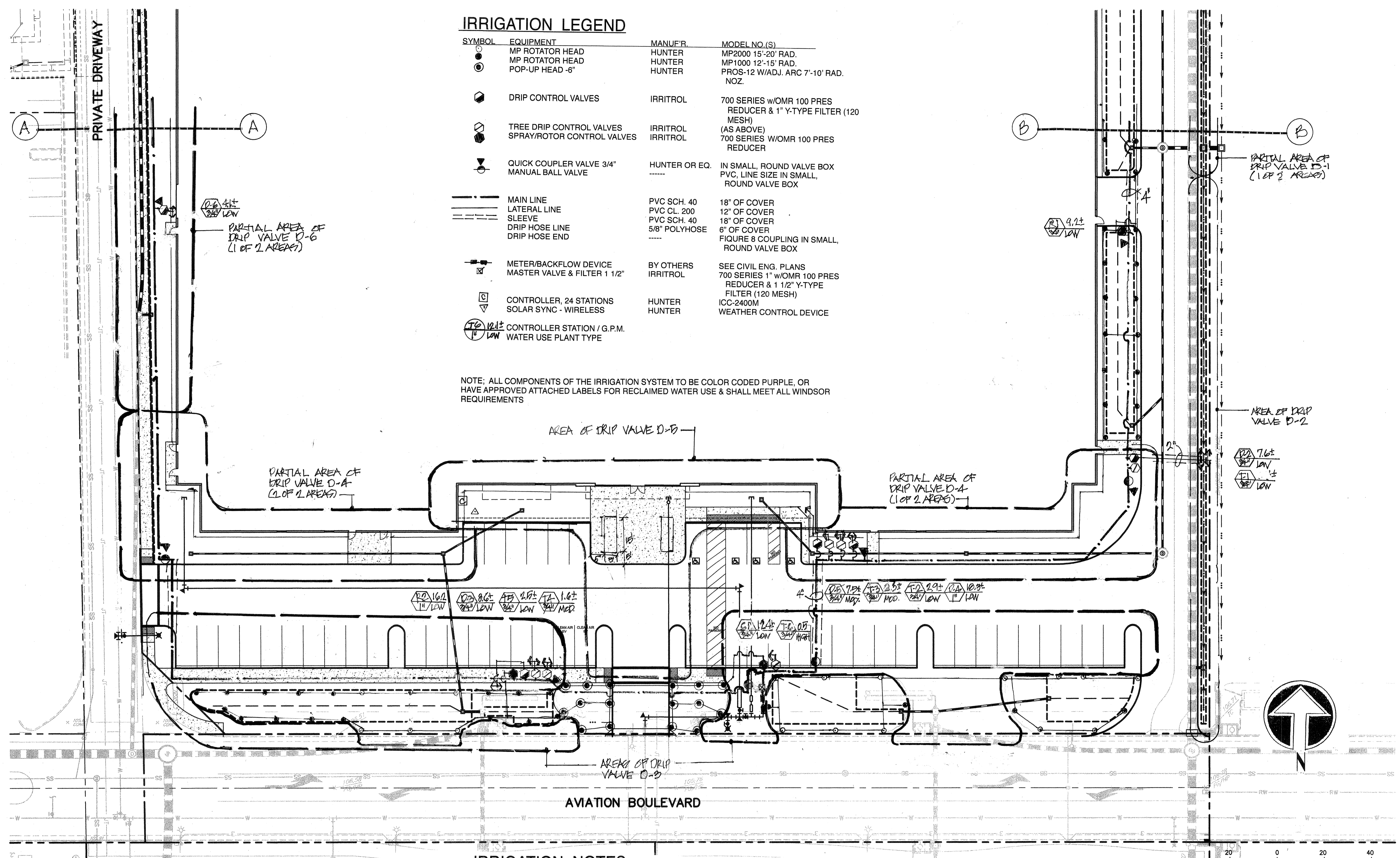
SHEET NUMBER

L-3

IRRIGATION LEGEND

SYMBOL	EQUIPMENT	MANUF'R	MODEL NO.(S)
○	MP ROTATOR HEAD	HUNTER	MP2000 15'-20' RAD.
●	MP ROTATOR HEAD	HUNTER	MP1000 12'-15' RAD.
○	POP-UP HEAD -6"	HUNTER	PROS-12 W/ADJ. ARC 7'-10' RAD. NOZ.
⬢	DRIP CONTROL VALVES	IRRITROL	700 SERIES W/OMR 100 PRES REDUCER & 1" Y-TYPE FILTER (120 MESH)
⬢	TREE DRIP CONTROL VALVES	IRRITROL	(AS ABOVE)
⬢	SPRAY/ROTOR CONTROL VALVES	IRRITROL	700 SERIES W/OMR 100 PRES REDUCER
⬢	QUICK COUPLER VALVE 3/4"	HUNTER OR EQ.	IN SMALL, ROUND VALVE BOX
⬢	MANUAL BALL VALVE	-----	PVC, LINE SIZE IN SMALL, ROUND VALVE BOX
---	MAIN LINE	PVC SCH. 40	18" OF COVER
---	LATERAL LINE	PVC CL. 200	12" OF COVER
---	SLEEVE	PVC SCH. 40	18" OF COVER
---	DRIP HOSE LINE	5/8" POLYHOSE	6" OF COVER
---	DRIP HOSE END	-----	FIGURE 8 COUPLING IN SMALL, ROUND VALVE BOX
⊠	METER/BACKFLOW DEVICE	BY OTHERS	SEE CIVIL ENG. PLANS
⊠	MASTER VALVE & FILTER 1 1/2"	IRRITROL	700 SERIES 1" W/OMR 100 PRES REDUCER & 1 1/2" Y-TYPE FILTER (120 MESH)
⊠	CONTROLLER, 24 STATIONS	HUNTER	ICC-2400M
⊠	SOLAR SYNC - WIRELESS	HUNTER	WEATHER CONTROL DEVICE
⊠	CONTROLLER STATION / G.P.M.	-----	WATER USE PLANT TYPE

NOTE: ALL COMPONENTS OF THE IRRIGATION SYSTEM TO BE COLOR CODED PURPLE, OR HAVE APPROVED ATTACHED LABELS FOR RECLAIMED WATER USE & SHALL MEET ALL WINDSOR REQUIREMENTS



IRRIGATION NOTES

- IRRIGATION SYSTEM IS DESIGNED TO OPERATE ON 60 TO 95 P.S.I. AT POINT OF CONNECTION. MAXIMUM G.P.M. IS 18.5 PER CIRCUIT. ADJUST VALVES PRESSURE REGULATORS TO PROVIDE OPTIMUM OPERATING PRESSURE AT THE ROTORS, SPRAY HEADS AND DRIP EMITTERS. PER MANUFACTURER'S RECOMMENDATIONS. IRRIGATION SYSTEM CONFORMS TO TOWN OF WINDSOR'S WATER EFFICIENCY ORDINANCE.
- INSTALL WIRELESS SOLAR SYNC 8' ABOVE GRADE, ON WOOD POST PAINTED TO MATCH BUILDING COLOR.
- SEE CIVIL ENGINEER'S PLANS FOR SPECIFIC LOCATIONS OF UNDERGROUND UTILITY, STORM DRAIN LINES, ETC. THAT OCCUR WITHIN LANDSCAPE AREAS & CONFIRM THE DEPTH OF THESE WITH GENERAL CONTRACTOR PRIOR TO TRENCHING. SEE PLANTING PLAN FOR APPROXIMATE LOCATIONS OF SOME OF THESE.
- PAINT CONTROLLER & ABOVE GRADE CONDUITS TO IT THE SAME COLOR AS WALL OF BUILDING.
- INSTALL ROTORS AND SPRINKLER HEADS A MINIMUM OF 12" BEHIND CURBS AND MULCH THE 12"+ STRIP BEHIND THE CURB.

PRELIMINARY LANDSCAPE PLAN

01-19-22 glenson \4542\img\4542_05\4542.05 PLANDWG

HYDROZONE TABLE FOR ALL VALVES

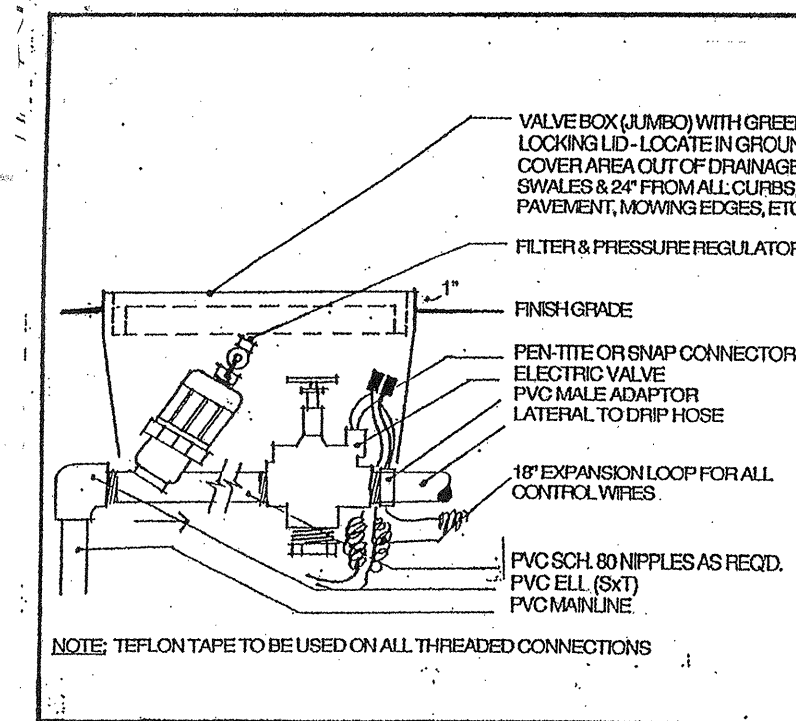
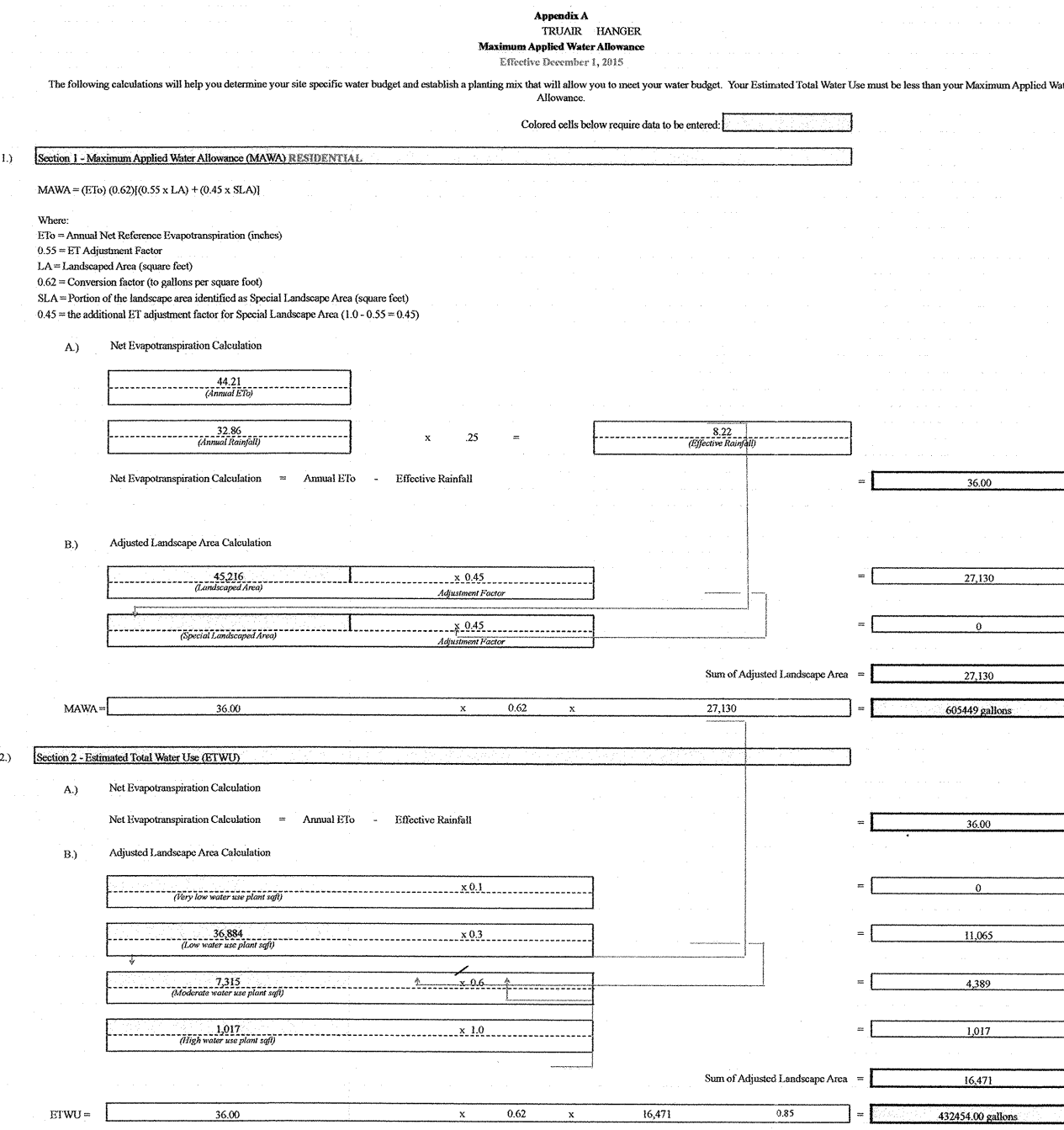
VALVE NO.	IRRI. METHOD	PLANT TYPE WATER USE	G.P.M.	AREA IRRIG.	% OF LANDSCAPE
S1	SPRAY	LOW/G.C/ENTRY	12.4±	792 S.F.	2%
S2	SPRAY	LOW/GRASS/N.	14.0±	1,350 S.F.	3%
R1	ROTOR	LOW/GRASS/E.	9.2±	2,592 S.F.	6%
R2	ROTOR	LOW/GRASS/S.	18.5±	2,836 S.F.	6%
R3	ROTOR	LOW/GRASS/N.	3.5±	864 S.F.	2%
D1	DRIP	LOW/SH&GC/E.	13.3±	2,318 S.F.	5%
D2	DRIP	LOW/SH&GC/E.	7.6±	1,150 S.F.	3%
D3	DRIP	LOW/SH&GC/S.	8.6±	4,535 S.F.	10%
D4	DRIP	LOW/SH&GC/S.	18.3±	3,932 S.F.	9%
D5	DRIP	MOD./SH&GC/S.	7.5±	1,822 S.F.	4%
D6	DRIP	LOW/SH&GC/W.	4.1±	1,310 S.F.	3%
D7	DRIP	MOD/SH&GC/NW.	13.9±	2,086 S.F.	5%
D8	DRIP	LOW/SH&GC/N.	2.1±	969 S.F.	2%
D9	DRIP	LOW/SH&GC/N.	16.9±	1,012 S.F.	2%
T1	DRIP	LOW/TREES/E.	2.3±	2,693 S.F.	6%
T2	DRIP	LOW/TREES/S.	2.9±	812 S.F.	2%
T3	DRIP	MOD/TREES/S.	2.3±	936 S.F.	2%
T4	DRIP	MOD/TREES/S.	1.6±	1,846 S.F.	4%
T5	DRIP	LOW/TREES/S.	2.5±	3,112 S.F.	7%
T6	DRIP	HIGH/TREES/S.	0.5±	1,017 S.F.	2%
T7	DRIP	MOD/TREES/W.&N.	2.3±	625 S.F.	1%
T8	DRIP	LOW/TREES/N.	1.8±	2,843 S.F.	6%
T9	DRIP	LOW/TREES/SHADE	1.6±	942 S.F.	2%

TOTAL IRRIGATED LANDSCAPE AREA = 45,216 SQ. FT.

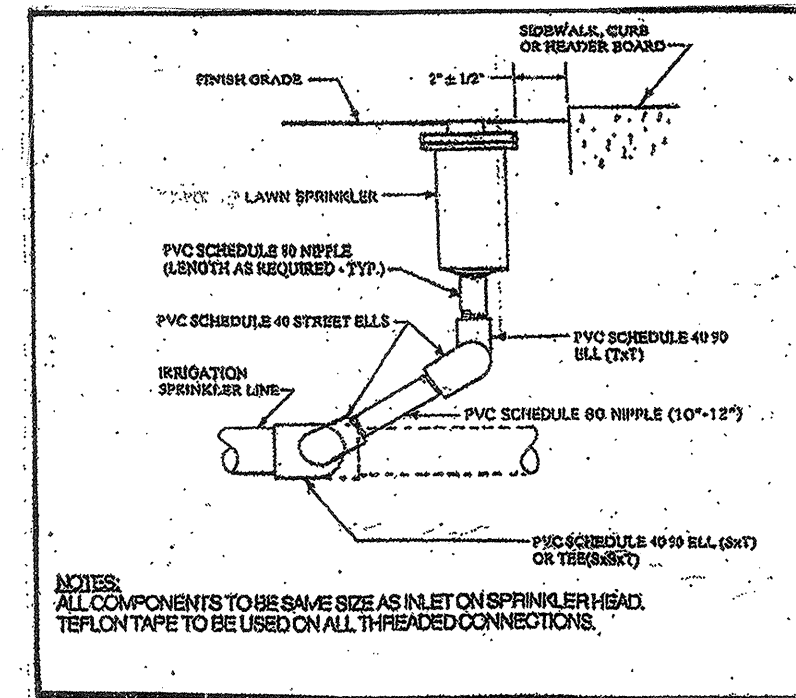
SUMMARY HYDROZONE TABLE

HYDROZONE	AREA	% OF LANDSCAPE
LOW WATER USE (LW)	36,884 S.F.	82%
MODERATE WATER USE (MW)	7,315 S.F.	16%
HIGH WATER USE (HW)	1,017 S.F.	2%
TOTALS	45,216 S.F.	100%

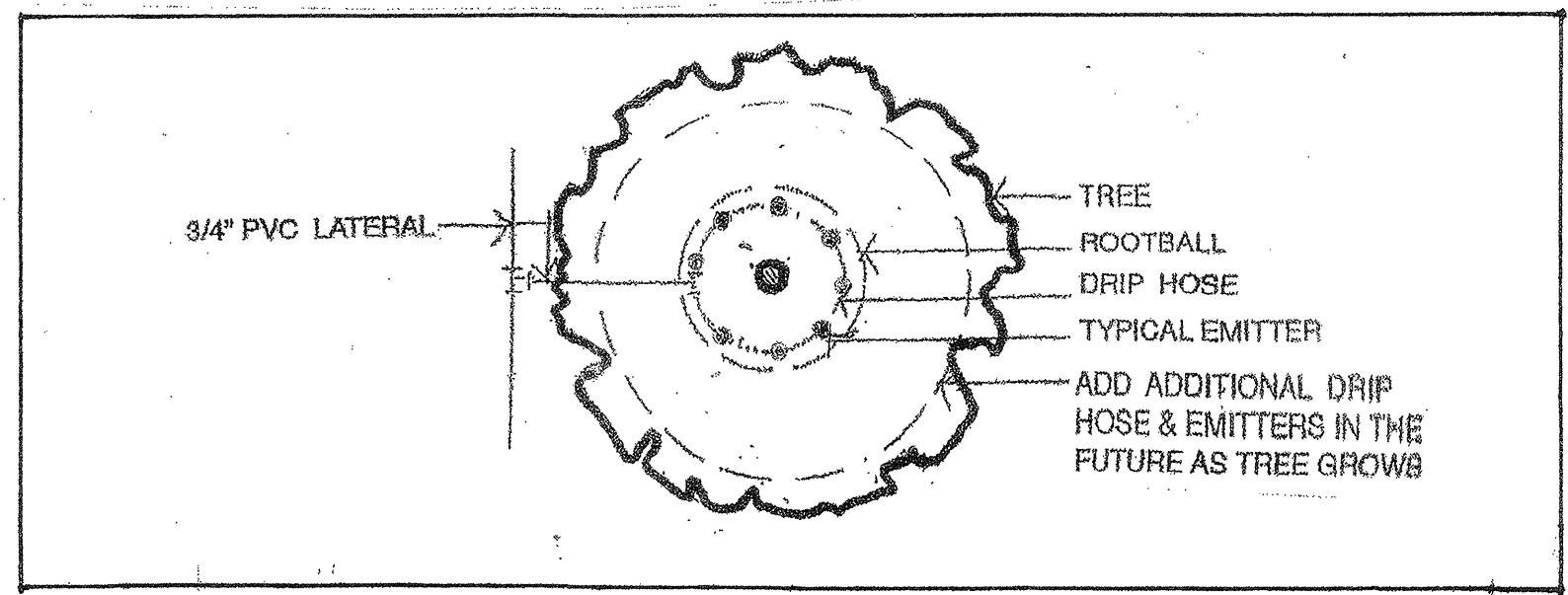
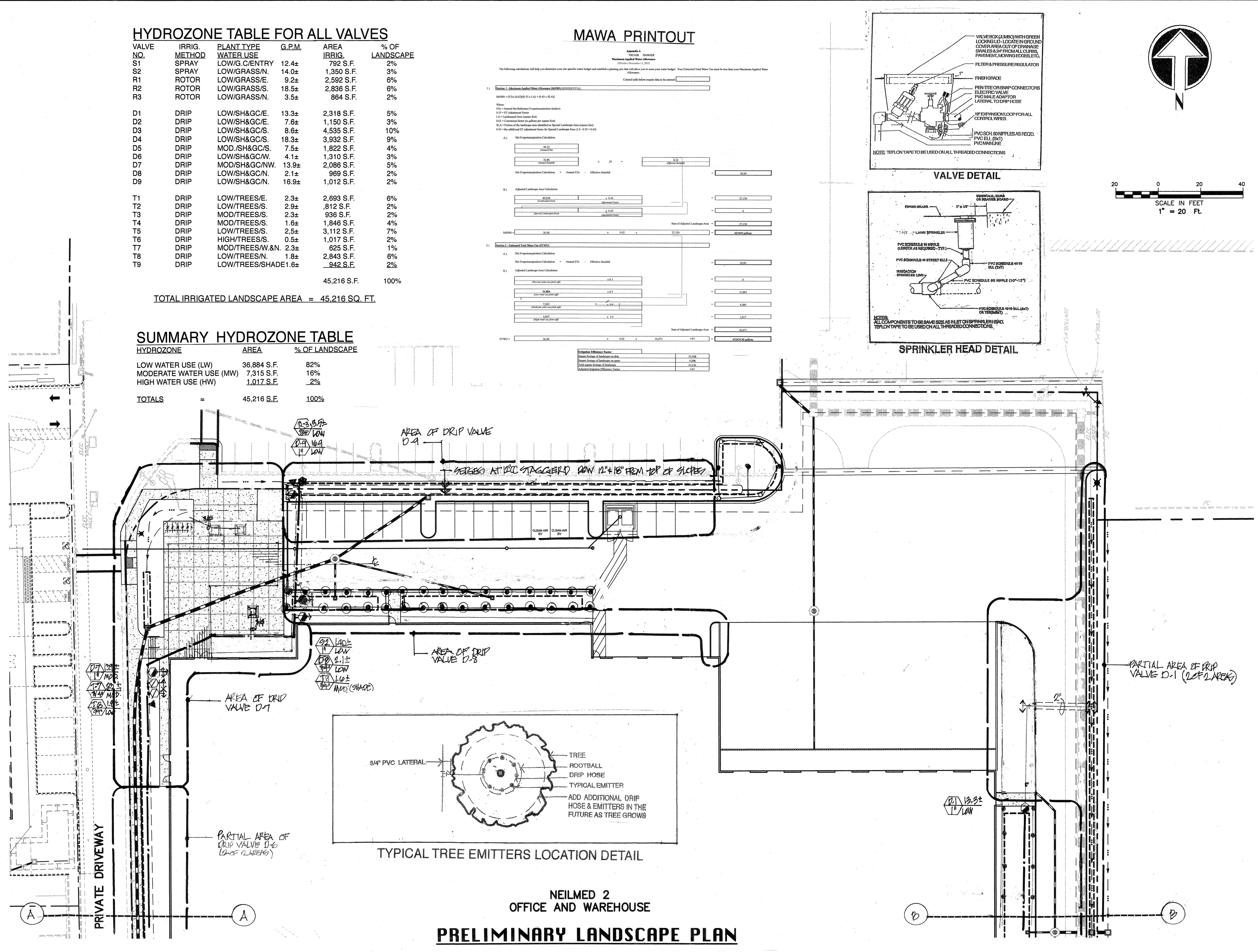
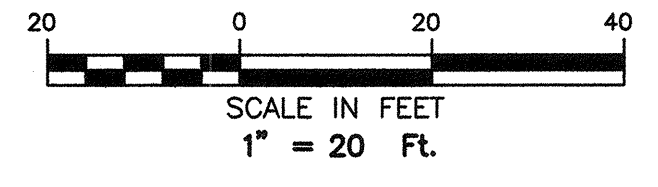
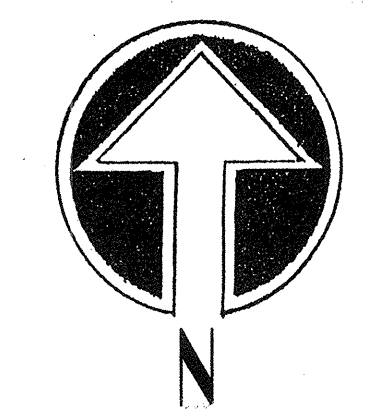
MAWA PRINTOUT



VALVE DETAIL



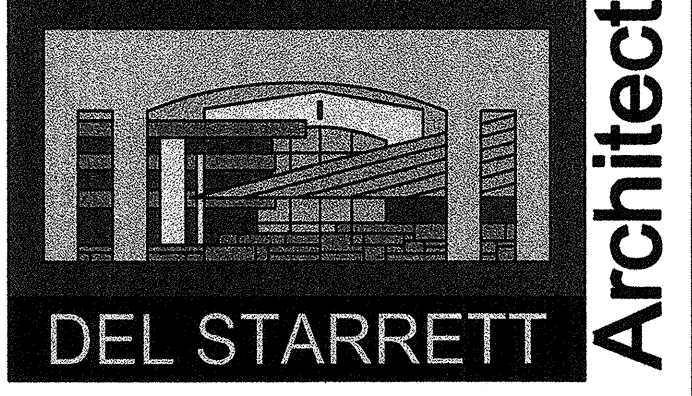
SPRINKLER HEAD DETAIL



TYPICAL TREE EMITTERS LOCATION DETAIL

NEILMED 2 OFFICE AND WAREHOUSE

PRELIMINARY LANDSCAPE PLAN

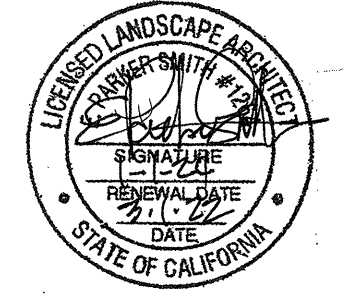


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REV	DATE	DESCRIPTION
	10/1/21	REDESIGN SITE
		PROJECT NO: 2210
		CAD DWG FILE: -
		DRAWN BY: CPE
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SHEET TITLE		

LANDSCAPE IRRIGATION PLAN

SHEET NUMBER

L-4

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