

GENERAL NOTES

1. The Contractor shall be responsible for all permits and licenses required for the construction and completion of this project.

2. It is intended that these plans and specifications require all labor and materials necessary and proper for the work contemplated and that the work be completed in accordance with their true intent and purpose. The Contractor shall notify the Landscape Architect immediately regarding any discrepancies and ambiguities which may exist in the plans and specifications. If the plans or specifications describe portions of the work in general terms but not in complete detail, it is understood that only the best general practice is to prevail and that only materials and workmanship of the first quality are to be used.

3. Construction Contractor agrees that in accordance with generally accepted practice, Contractor will be required to assume sole and complete responsibility for the job site including safety of all persons and property; that this requirement shall be made to apply continuously and not be limited to normal working hours, and Construction Contractor further agrees to defend, indemnify and hold the design professional harmless from any and all liability, real or alleged, in connection with the performance of the work, on this project, excepting liability arising from sole negligence of design professional.

4. The Contractor shall verify location of all existing underground utilities and shall contact the respective utility companies prior to commencement of work. He shall be responsible for the location and preservation of all such facilities in the area of construction. Call Underground Service Alert at (800) 227-2600 48 hours before excavation commences to verify utility locations. Contractor to repair any damage caused by, or during, the performance of his work at no additional cost to the owner.

5. All irrigation, drainage and lighting sleeving to be provided by Landscape Contractor. All electrical sleeving to be provided by Electrical Contractor.

6. Drain lines: to slope a minimum of 1/8" per foot.

7. Paved areas to slope a minimum of 1/8" per foot. Slope to patios not to exceed 2%, slope at walkways and driveways not to exceed 5%, cross slopes not to exceed 2%.

8. Landings at doors must be at least 36" deep.

9. Riser and tread relationship: the rise of every step shall not be less than 4" or greater than 7". The tread shall not be less than 11". The largest tread run within any flight of stairs shall not exceed the smallest by more than 3/8". The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8".

10. Stairways of four or more risers must have handrails. The top of handrails and handrail extensions shall be placed not less than 34" or more than 38" above the nosings of the treads and landings.

11. Do not scale drawings. Call Landscape Architect for clarification.

12. All construction shall comply with Title 24, current CBC, CPC, CMC and CEC.

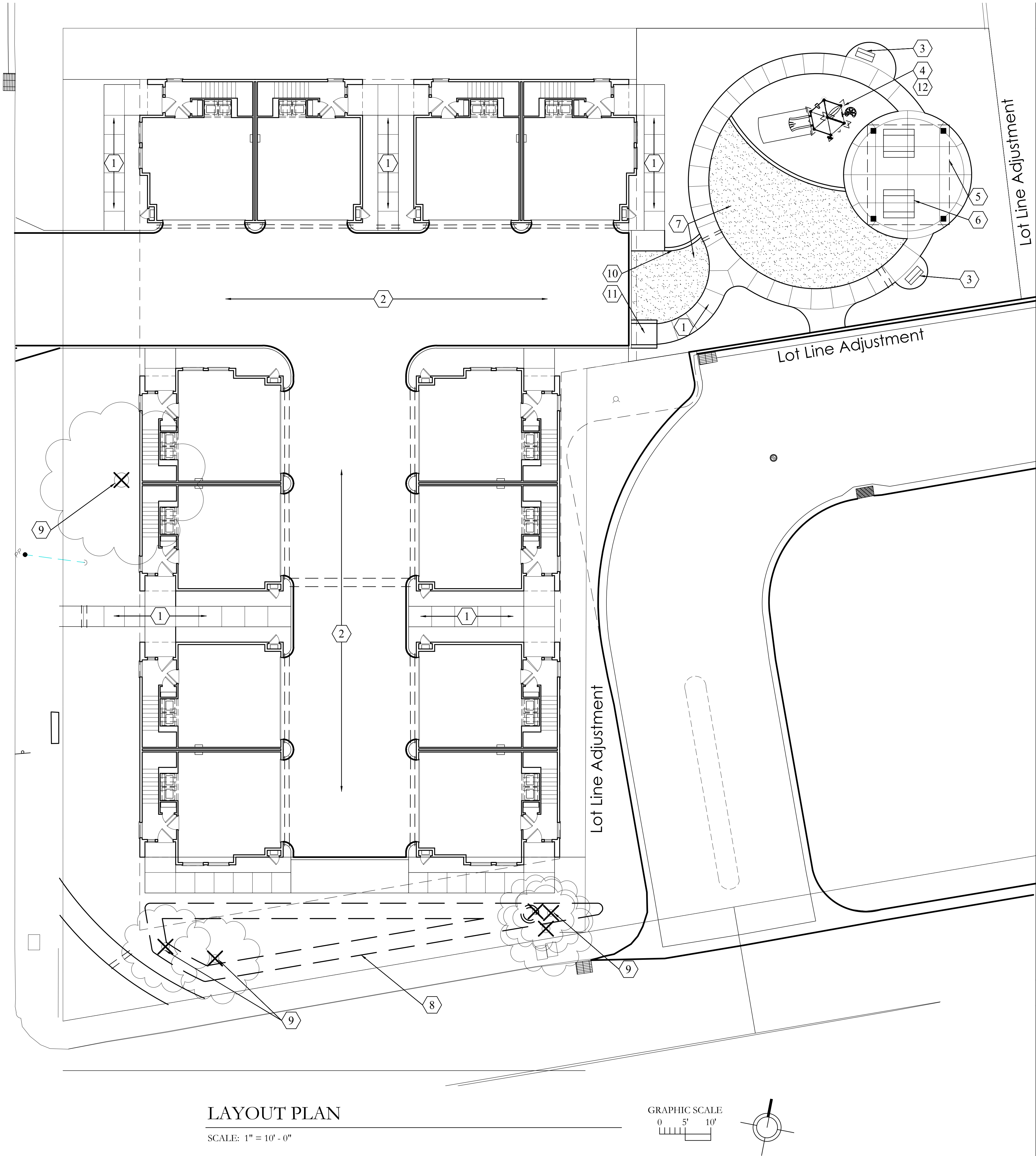
13. Expansion joints (aka E.J. or isolation joints) are required in areas of potential stress such as where slabs abut existing structures, curbs, stairs, manholes, utility poles, at the intersection of walks and other things. Dowels are required to stabilize adjacent concrete elements. Frontier Poli-Void is a flexible Poly Ethylene expansion material used in providing the full expansion joint necessary to separate precast coping stones, brick coping or other pool copings from the concrete pool deck. This product has a 3/8 inch tear away that prepares the joint for Stegmeier's Frontier Seal. With the 3/8" tear strip in an upward position, apply adhesive one-half inch below the tear strip section so as not to interfere with the bonding of the joint sealant. The concrete is poured to the opposite side and edged with a 1/4" edger. The deck surface should be allowed to cure before the 3/8" tear strip is removed. After removal apply 1/2" Frontier Poli-Void by Stegmeier into expansion joint.

14. If you sell, store, use, discard or otherwise handle muriatic acid you are responsible for knowing about and obeying applicable waste laws.

Unlawful storage, transportation, or disposal of waste muriatic acid is punishable by imprisonment in county jail, or state prison, and/or fines of up to \$250,000 per violation.

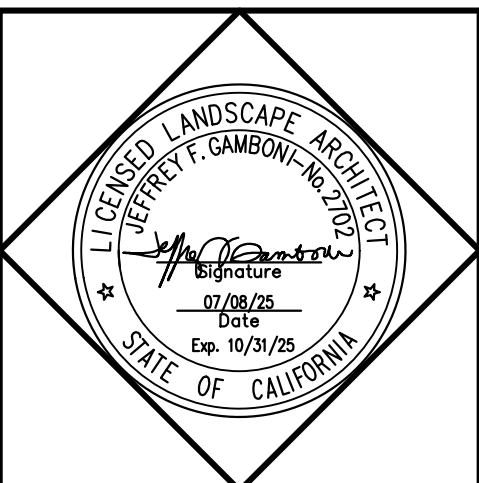
If you don't know the regulations, call the local management division or certified unified program agency.

15. Saw-cutting, core- drilling and jack hammering of masonry and concrete must be performed by professionals who are properly trained in these processes including but not limited to: layout; proper use of equipment; safety gear; eye and ear protection; identification of hidden elements such as reinforcing, post-tension cables, utilities (sewer, water, elect., cable, gas, etc.); and removal and proper disposal of waste materials. Design professional is not responsible for damage caused to existing improvements during these processes.



KEYNOTES

		SHEET #	DETAIL #
1	Proposed concrete walkway	-	-
2	Proposed driveway	-	-
3	Proposed bench Model: NRB-6 Mfr: Victor Stanley	-	-
4	Proposed play area Mfr: Park Planet (www.parkplanet.com)	-	-
5	Proposed arbor	-	-
6	Proposed picnic table Model: FRST-6 Mfr: Victor Stanley	-	-
7	Proposed lawn	-	-
8	Proposed bio retention	-	-
9	Existing tree to remove	-	-
10	Proposed 8" mowband	-	-
11	Proposed curb ramp	-	-
12	Proposed playground surfacing	-	-



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LANDSCAPE ARCHITECT 2702
3012 PACIFIC AVENUE
STOCKTON 95204
209 948 8335

CHURCH LANE APARTMENTS
2424 Church Lane
San Pablo, CA 94806

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LAYOUT PLAN

DATE REVISION/ SET

DATE 09 JULY 2025
DRAWN BY: TA
CHECKED BY: JEFFREY F. GAMBONI
FILE: DAV 24-29.DWG

This project shall comply with
CRC, CPC, CMC, & CEC.

DRAWING STATUS

- ☐ INFORMATION DWGS. (NOT FOR CONSTRUCTION)

☐ PRELIMINARY DWGS. (NOT FOR CONSTRUCTION)

☐ DESIGN DEVELOP. DWGS. (NOT FOR CONSTRUCTION)

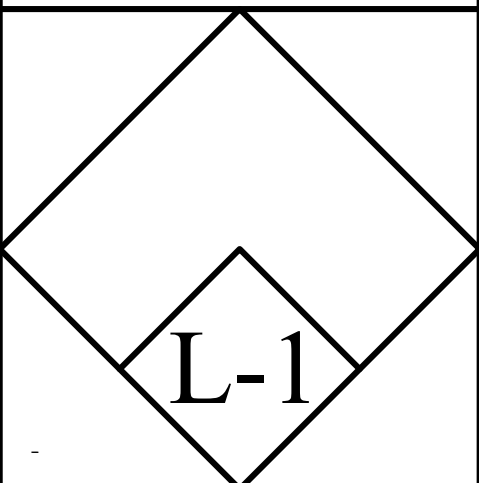
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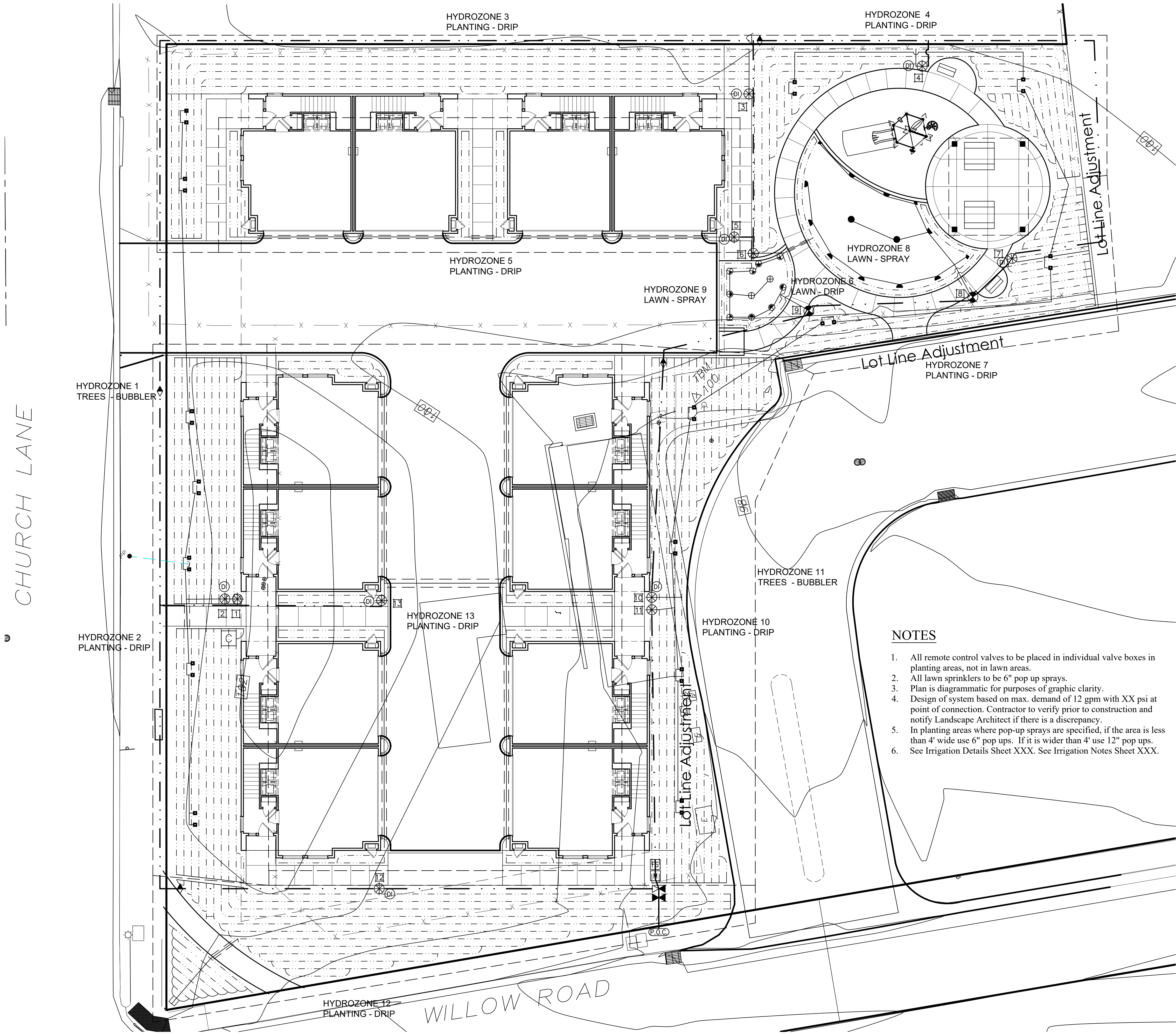
☐ PLAN CHECK DWGS.

☐ BID SET DWGS.

☐ CONSTRUCTION DOCUMENTS

☐ OTHER _____

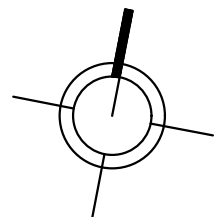
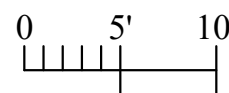




IRRIGATION PLAN

SCALE: 1" = 10' - 0"

GRAPHIC SCALE



NOTES

1. All remote control valves to be placed in individual valve boxes in planting areas, not in lawn areas.
2. All lawn sprinklers to be 6" pop up sprays.
3. Plan is diagrammatic for purposes of graphic clarity.
4. Design of system based on max. demand of 12 gpm with XX psi at point of connection. Contractor to verify prior to construction and notify Landscape Architect if there is a discrepancy.
5. In planting areas where pop-up sprays are specified, if the area is less than 4' wide use 6" pop ups. If it is wider than 4' use 12" pop ups.
6. See Irrigation Details Sheet XXX. See Irrigation Notes Sheet XXX.

IRRIGATION LEGEND

SYMBOL	PATTERN	MFR	MODEL#	NOZZLE	PSI	GPM/GPH	DETAIL
⊕	Quarter	Rain Bird	RD1800	MPR-5Q	30	0.10	-
⊕	Half	Rain Bird	RD1800	MPR-5H	30	0.20	-
⊕	Full	Rain Bird	RD1800	MPR-5F	30	0.41	-
⊕	Quarter	Rain Bird	RD1800	U-8Q	30	0.26	-
⊕	Half	Rain Bird	RD1800	U-8H	30	0.52	-
●	Full	Rain Bird	RD1800	U-8F	30	1.05	-
■	Deep Root Bubbler	Rain Bird	RWS-B-C	1402	30	0.50	-

SYMBOL	MFR	DESCRIPTION	MODEL NO.	DETAIL
⬤	Rain Bird	Remote Control Valve	PEB	-
⊗	Rain Bird	Drip Control Zone Kit Flow = 0.20 - 5.00 GPM Flow = 3.00 - 15.00 GPM	XCZ-075-PRF XCZ-100-PRF	- -
----	Rain Bird	XFS-CV Dripline	XFS-CV-06-12	-
ⓓ	Rainbird	Sub-Surface Drip Operation Indicator - 1 Per Drip Zone	OPERIND	-
ⓕ	Nibco	Full Port PVC Ball valve in valve box for manual flushing	Line size	-
Not Shown	Nibco	Ball valve - one at each valve manifold	Line size	-
⬮	Febco BPGI BPGI	3/4" Pressure Vacuum Breaker GuardShack Enclosure FrostGuard Insulated Blanket	825Y GS FG	- -
⬮	Nibco	Gate Valve	Line size	-
Ⓢ	Rain Bird	Irrigation Controller Confirm location Expansion Module 6 Station (2)	ESP4ME3 ESP-SM3	- -
Ⓜ	Rain Bird	Main valve	PEB	-
ⓕS	Rain Bird	Flow sensor	FS100B	-
◆		Quick Coupler in valve box	33DRC	-
Ⓟ.O.C.		Point of Connection Verify Size & Location in Field Sleeving under pavement Double Line Size		-
1		Valve Callout & Tag		-

IRRIGATION LINE SIZING

SYMBOL	DESCRIPTION	MODEL NO.	G.P.M.
-----	Main Line	SCH 40 PVC 1-1/2" size unless otherwise noted	
----	Lateral Line	3/4" SCH 40 PVC Pipe	0 - 8 GPM
----	Lateral Line	1" SCH 40 PVC Pipe	8 - 12
----	Lateral Line	1-1/4" SCH 40 PVC Pipe	12 - 22
----	Lateral Line	1-1/2" SCH 40 PVC Pipe	22 - 30

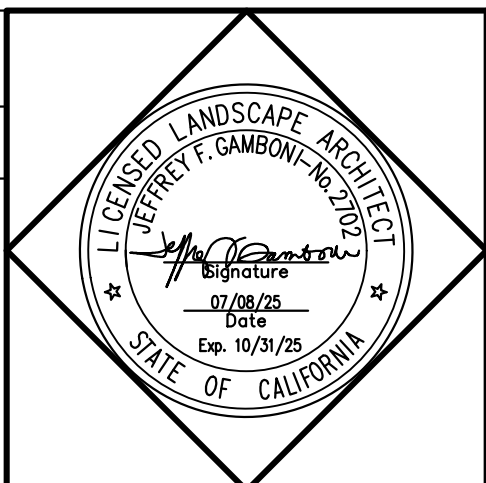
HYDROZONES

VALVE #	TYPE	SIZE	GPM	SF	LINE SPACING	EMITTER /FLOW	# HEADS	MODEL	BODY
1	DRIP	1"	7	63	-	-	14	BUBBLER	1402
2	DRIP	1"	9.96	1495	18"	06/18	-	XFS-CV	-
3	DRIP	1"	9.45	1418	18"	06/18	-	XFS-CV	-
4	DRIP	1"	6.12	918	18"	06/18	-	XFS-CV	-
5	DRIP	3/4"	1.92	289	18"	06/18	-	XFS-CV	-
6	DRIP	3/4"	2.4	240	12"	06/12	-	XFS-CV	-
7	DRIP	1"	4.37	656	18"	06/18	-	XFS-CV	-
8	SPRAY	1"	7.56	497	-	-	14	RD1800	U-8
9	SPRAY	1"	1.1	110	-	-	11	RD1800	MPR-5
10	DRIP	1"	9.55	1432	18"	06/18	-	XFS-CV	-
11	DRIP	1"	8	72	18"	06/18	16	BUBBLER	1402
12	DRIP	1"	10.93	1640	18"	06/18	-	XFS-CV	-
13	DRIP	1"	4.04	606	18"	06/18	-	XFS-CV	-

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IRRIGATION PLAN

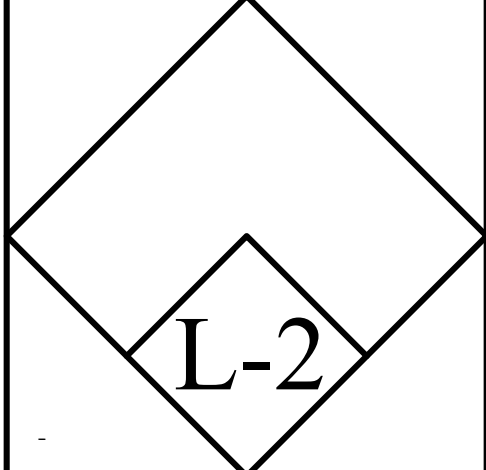
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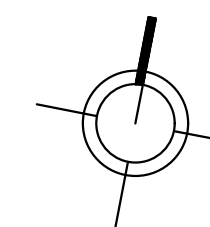

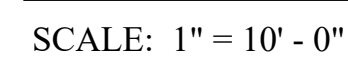
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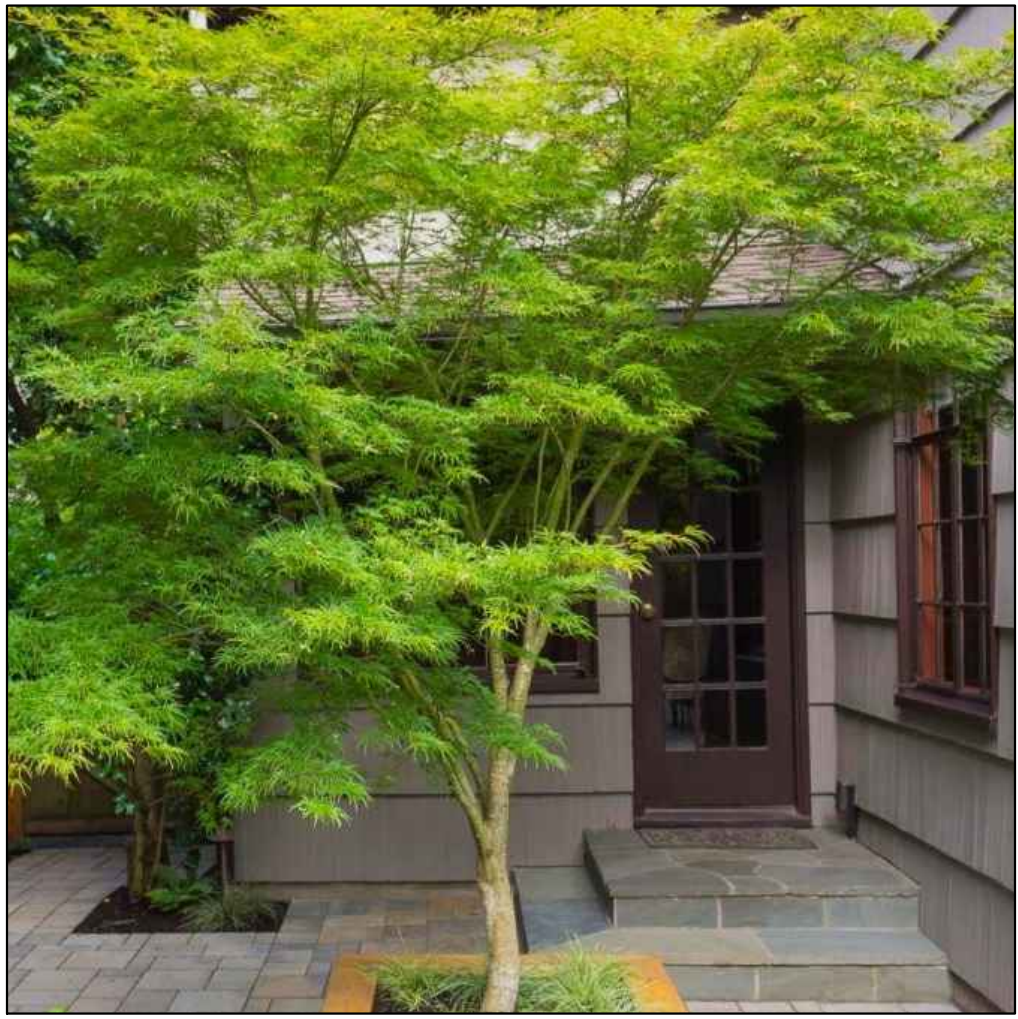
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Acer 'Seiryu'



Chamaerops humilis



Ginkgo biloba 'Princeton Sentry'



Lophostemon confertus



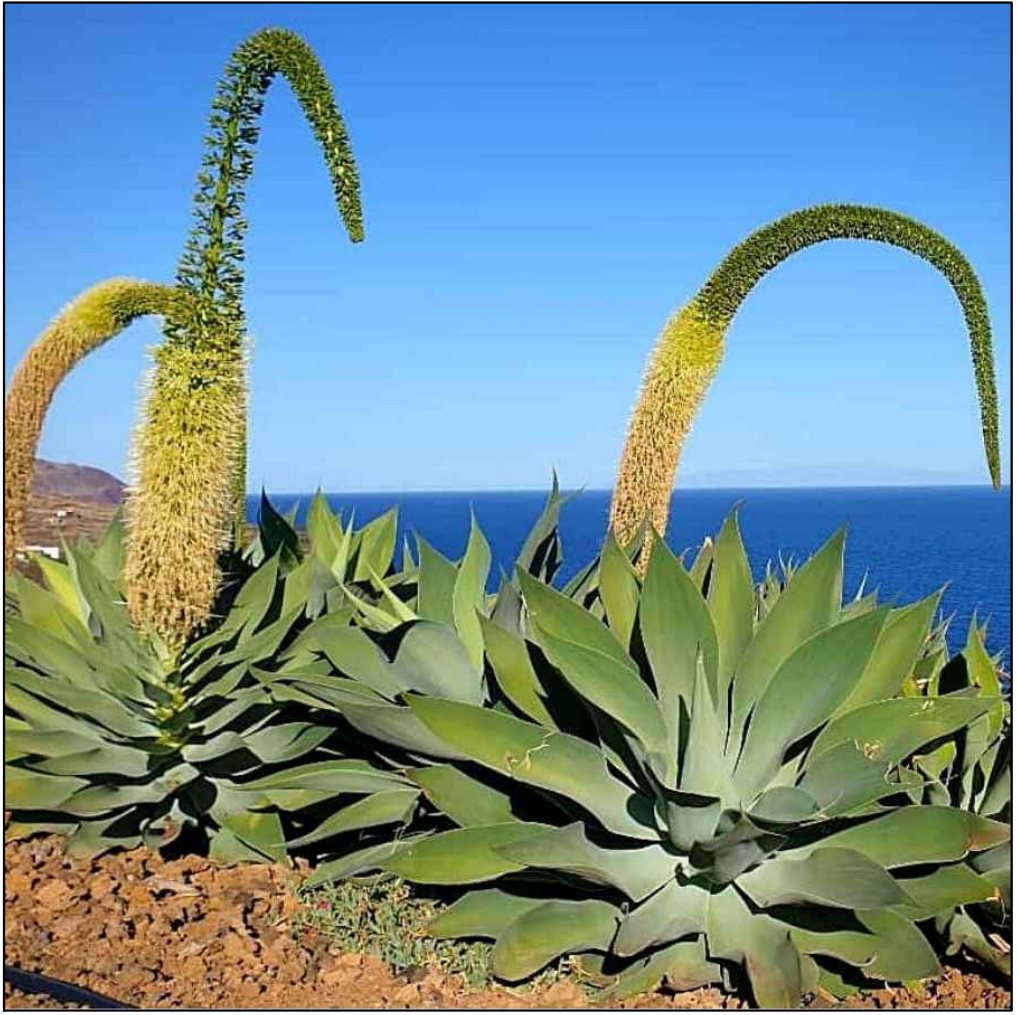
Podocarpus macrophyllus 'Maki'



Trachycarpus fortunei



Tristaniopsis laurina 'Elegant'



Agave attenuata



Agonis flexuosa



Clivia miniata Yellow



Cotinus 'Golden Spirit'



Euonymus 'Green Spire'



Hesperaloe parviflora 'Brakelights'



Heuchera maxima



Juncus inflexus



Kniphofia 'Christmas Cheer'



Kniphofia 'Yellow'



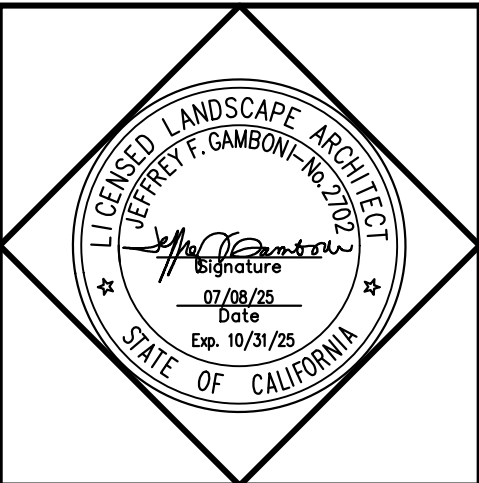
Lantana montevidensis 'White'



Lomandra 'Platinum Beauty'



Mahonia pinnata



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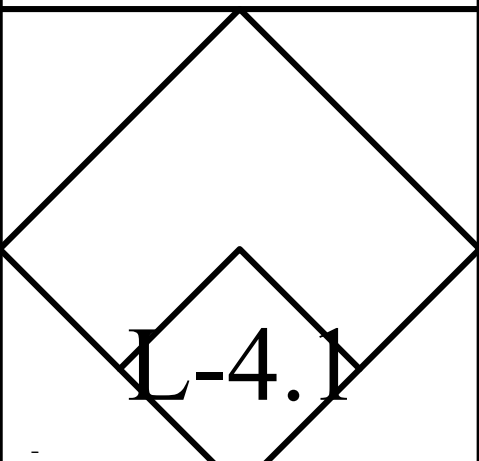
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PLANT PALETTE

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Nandina 'Harbour Dwarf'



Nandina 'Obsession'



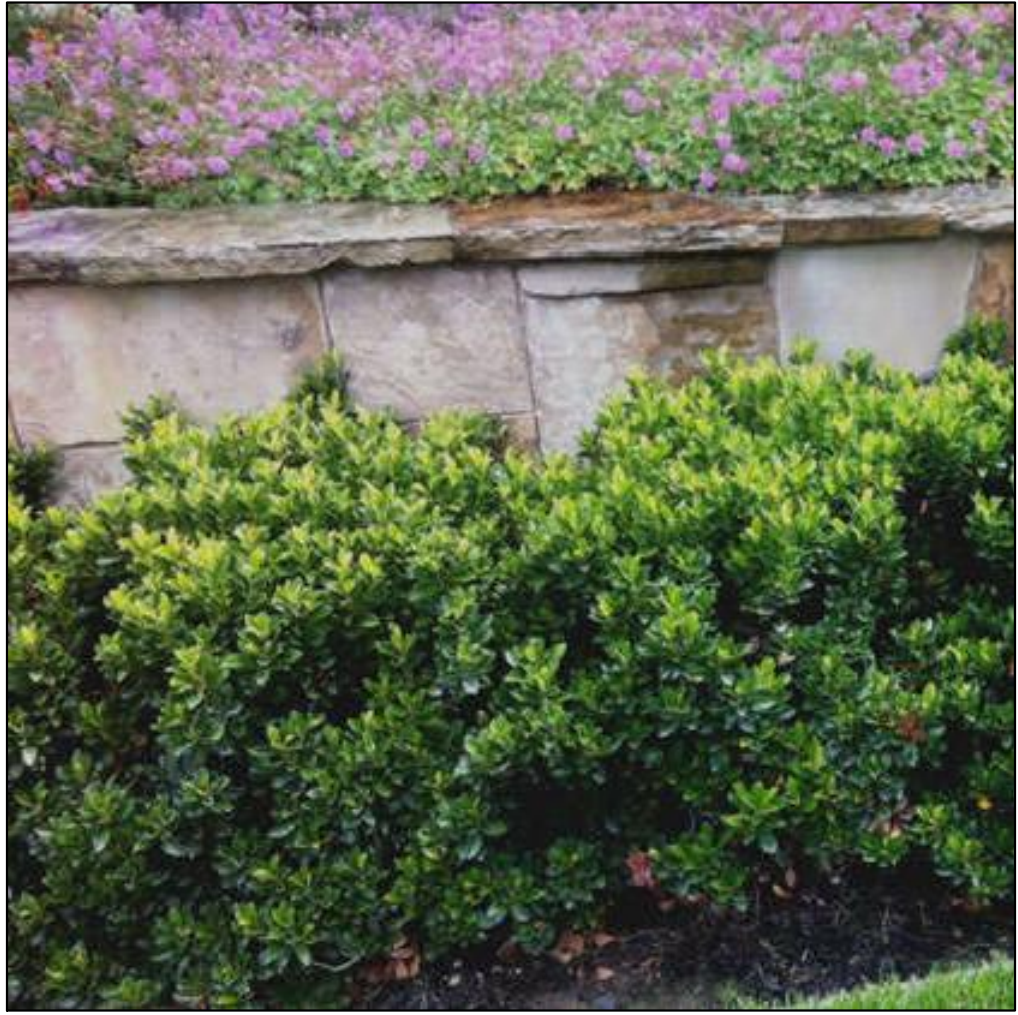
Pennisetum 'Eaton Canyon'



Philodendron xanadu



Phormium 'Yellow Wave'



Raphiolepis umbellata 'Minor'



Tulbaghia violaceae



Carex pansa



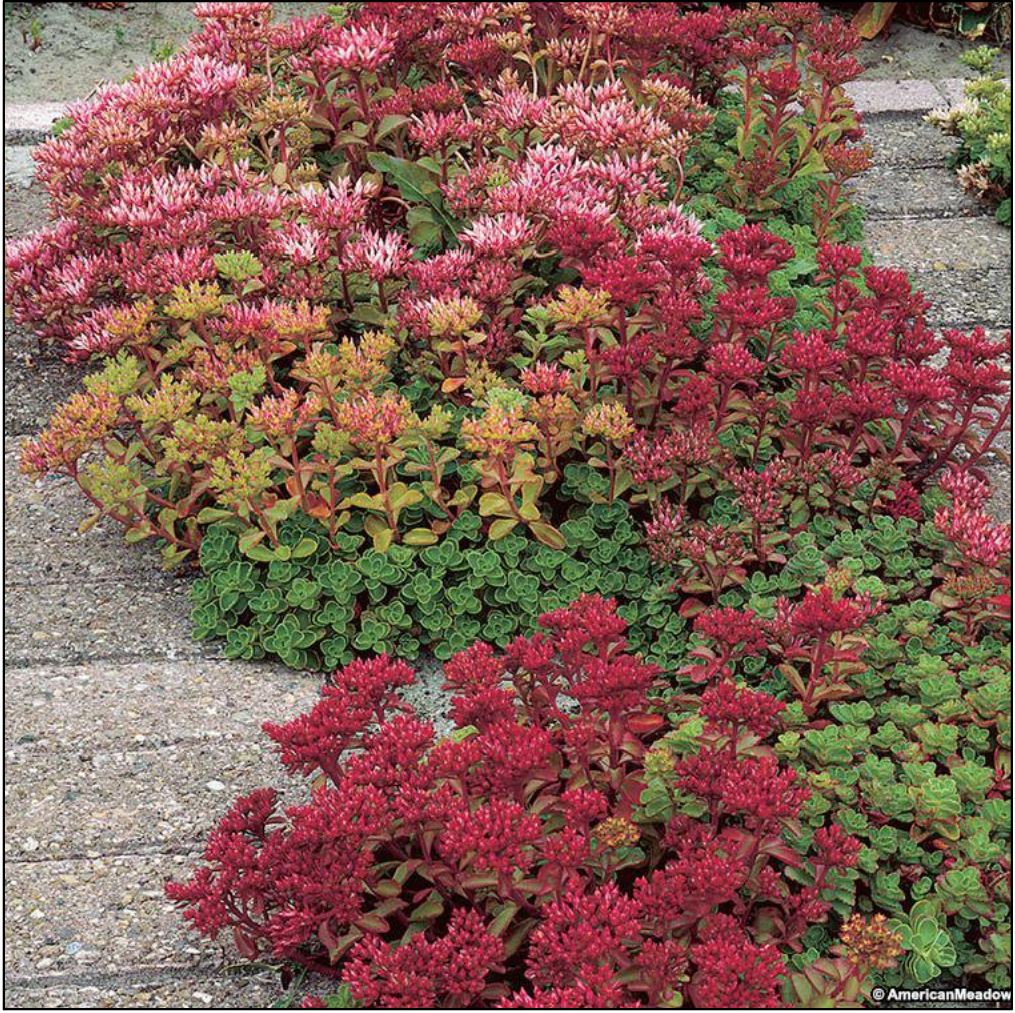
Dymondia margaretae



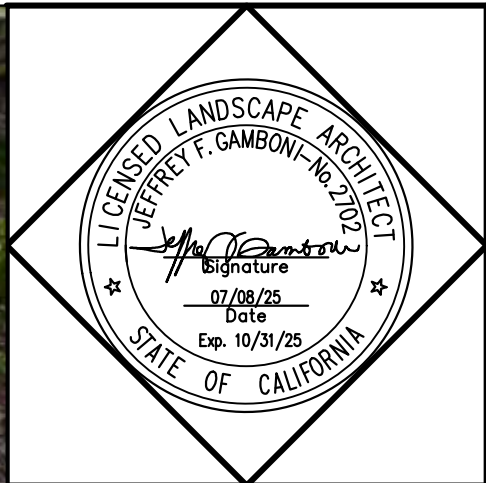
Ophiopogon japonicus



Sedum 'Angelina'



Sedum spurium 'Dragons Blood'



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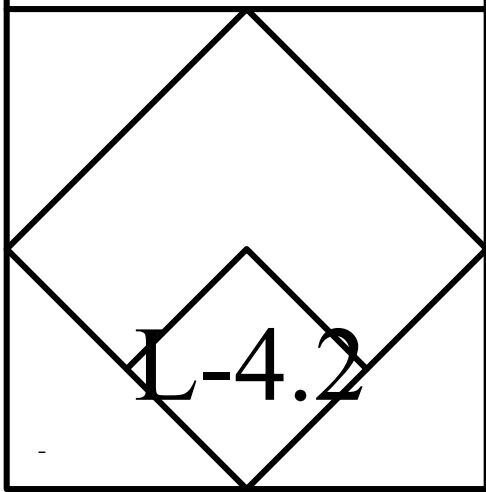
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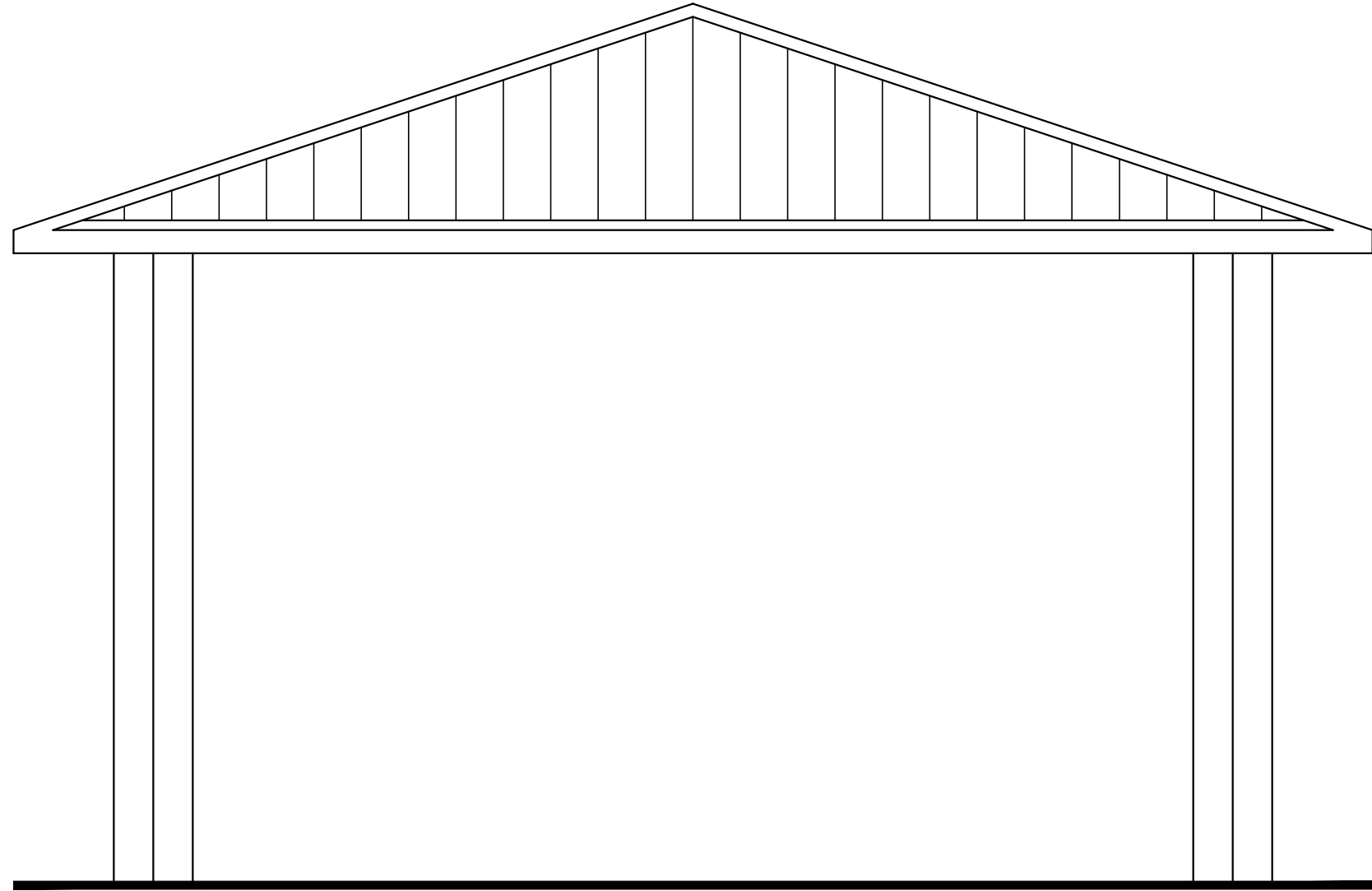
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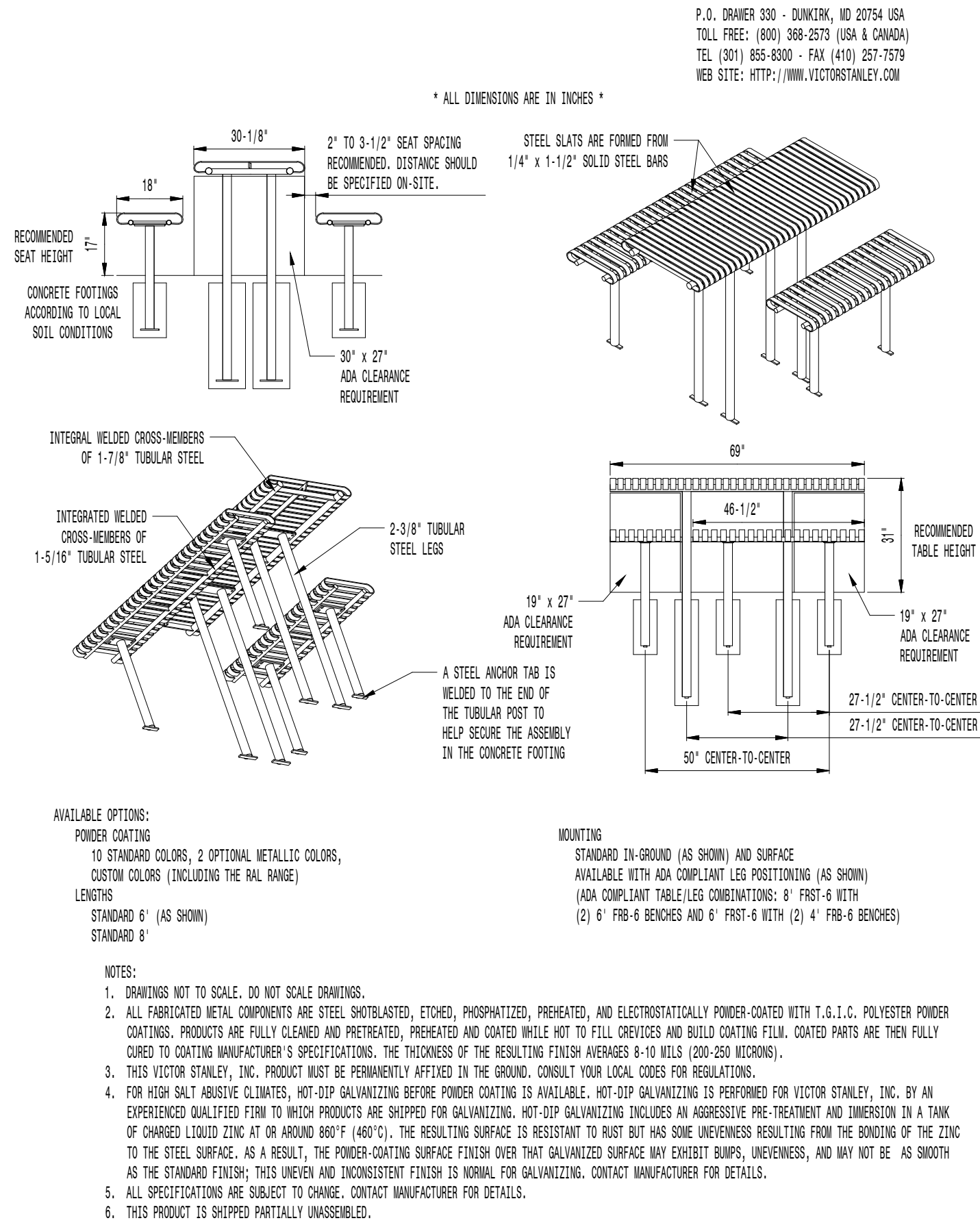
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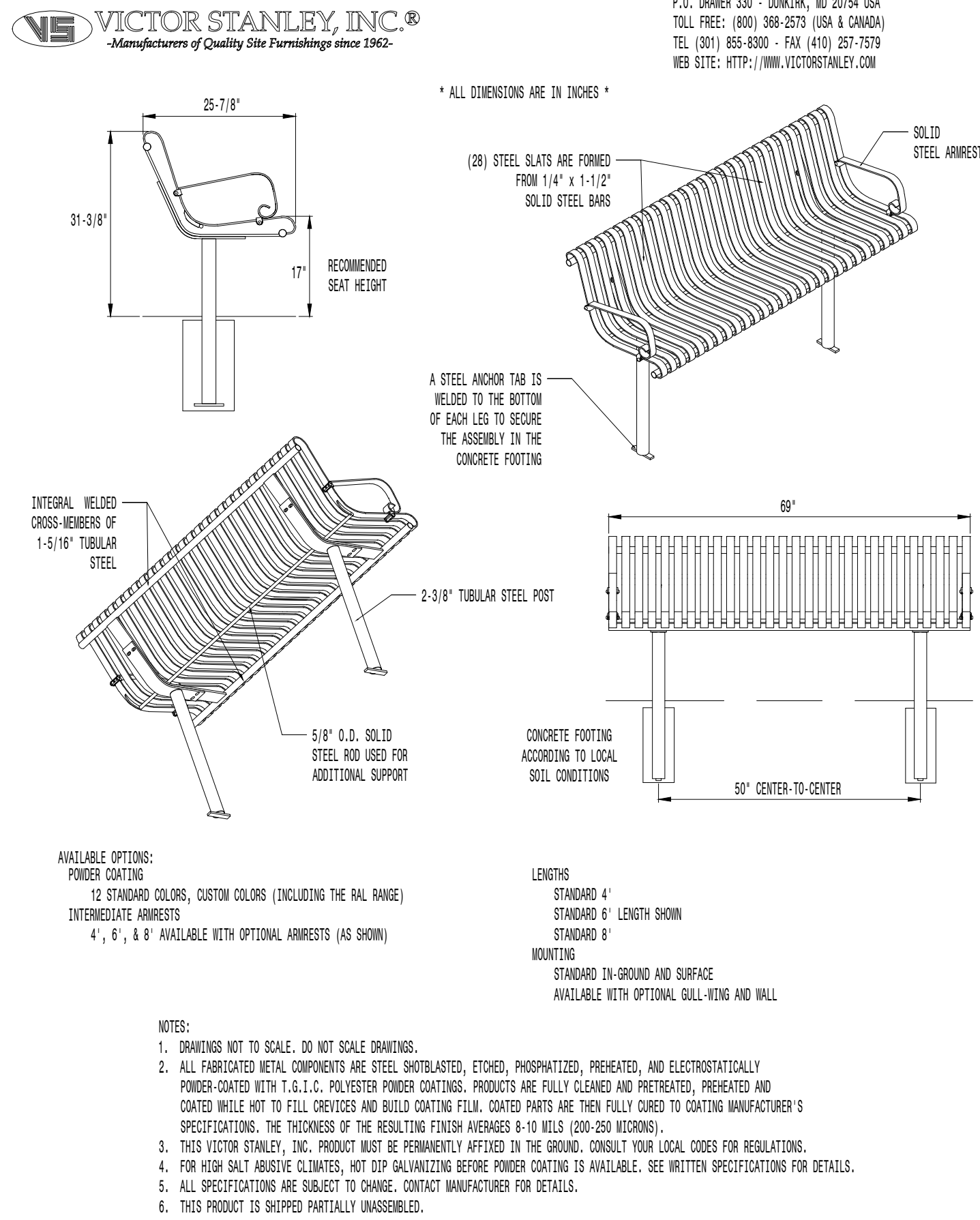
ARBOR
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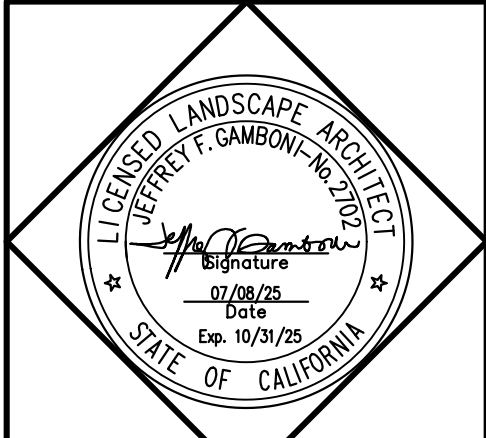
PICNIC TABLE
NO SCALE



PLAYGROUND
NO SCALE



BENCH
NO SCALE



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SITE FURNISHINGS

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