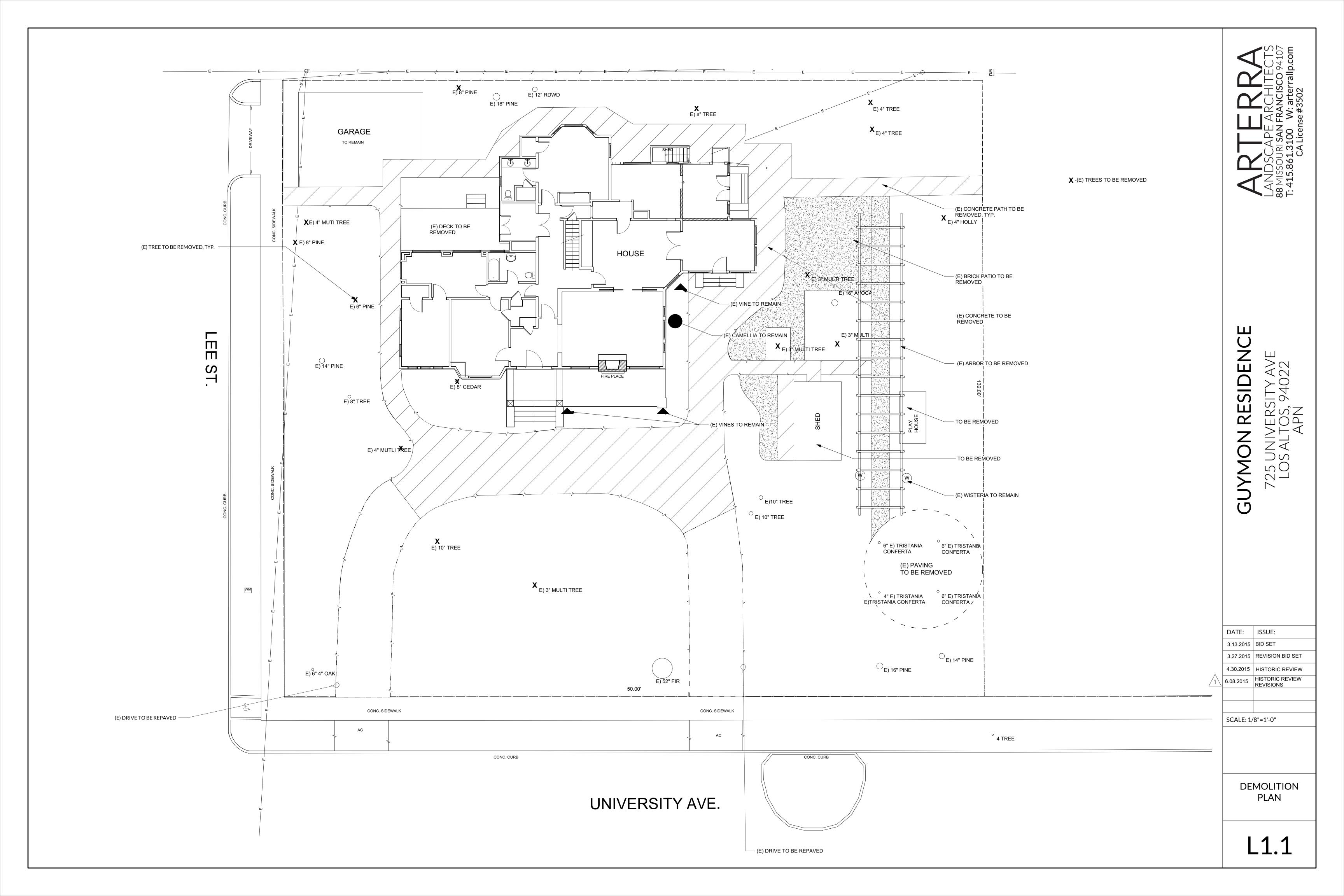
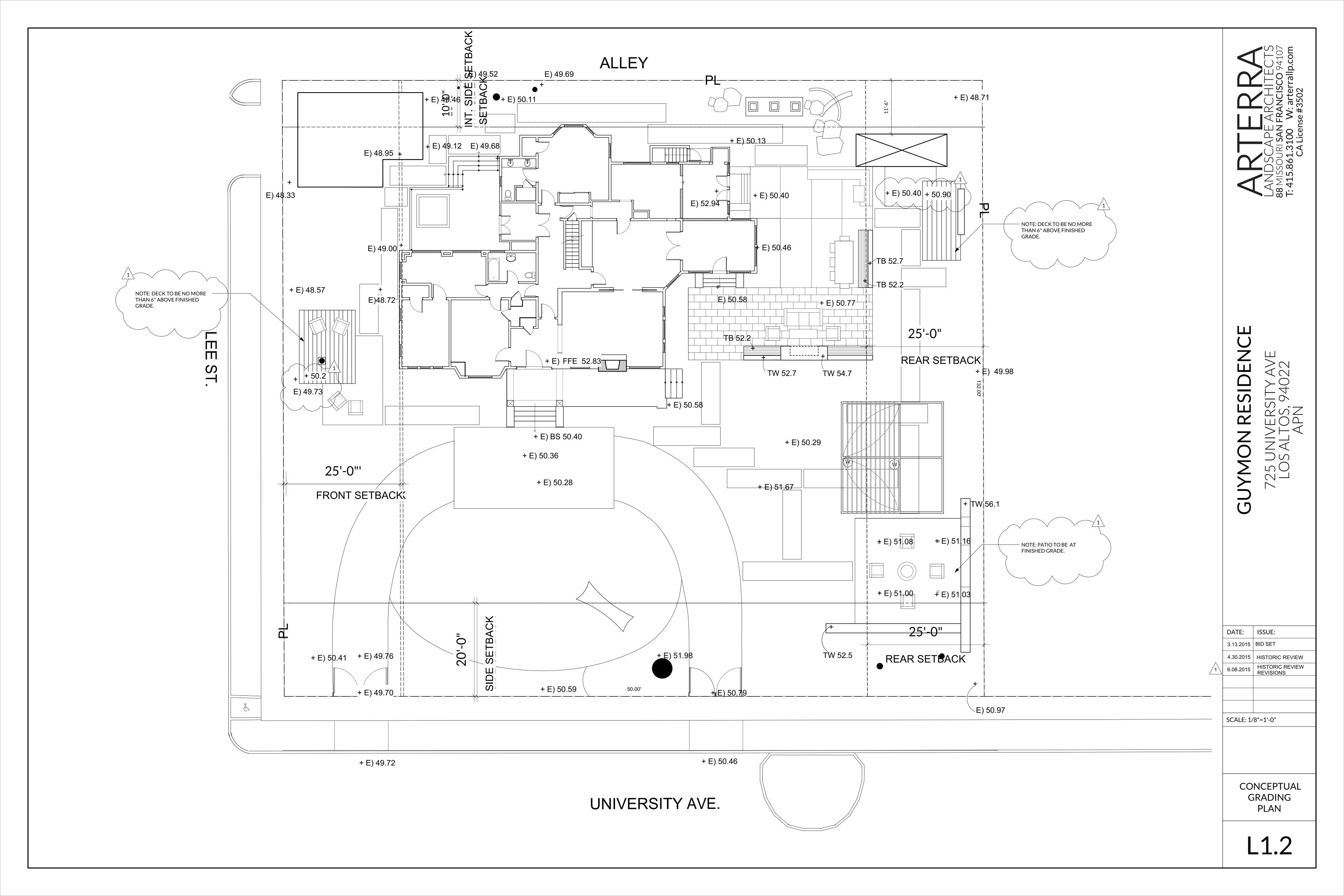
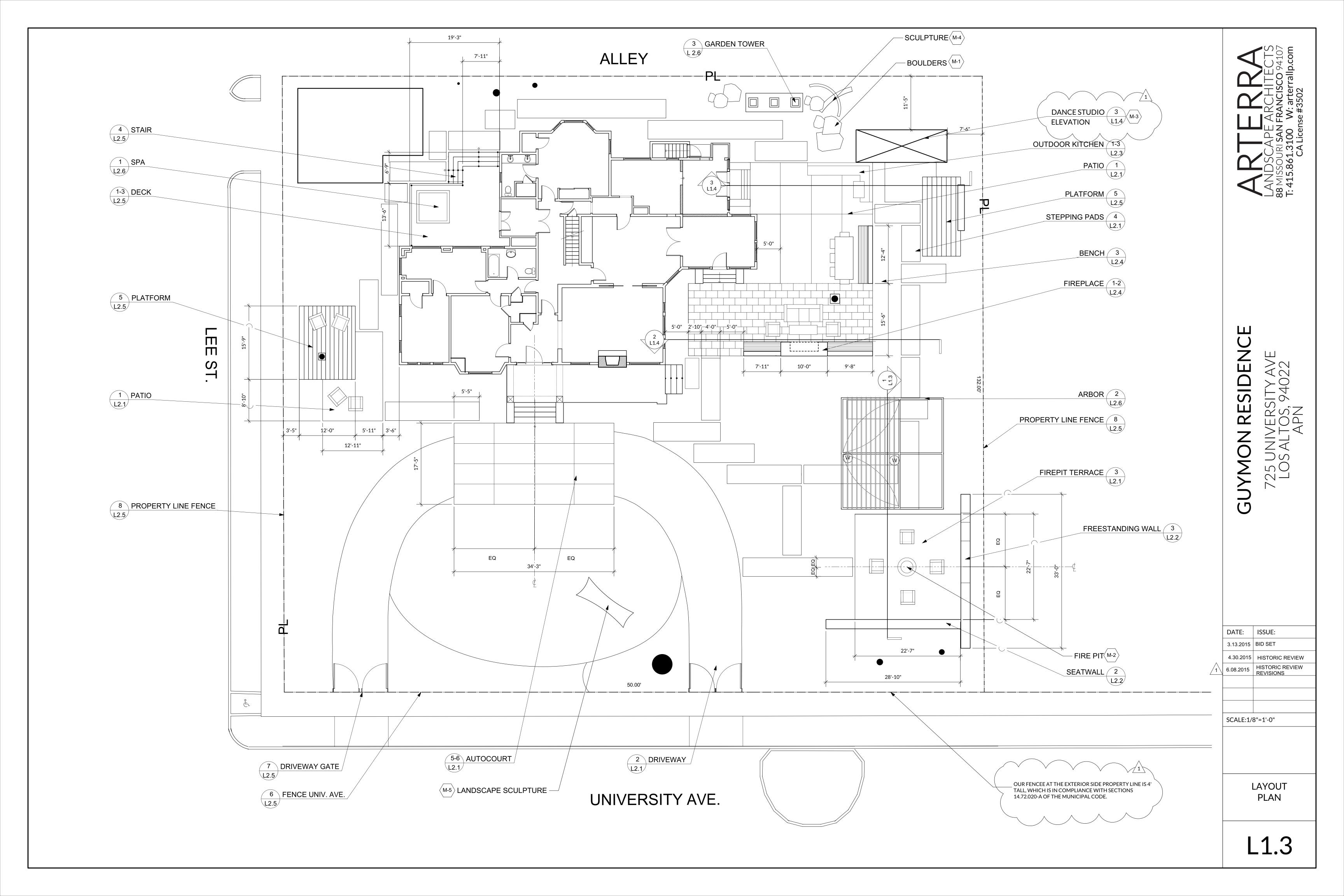
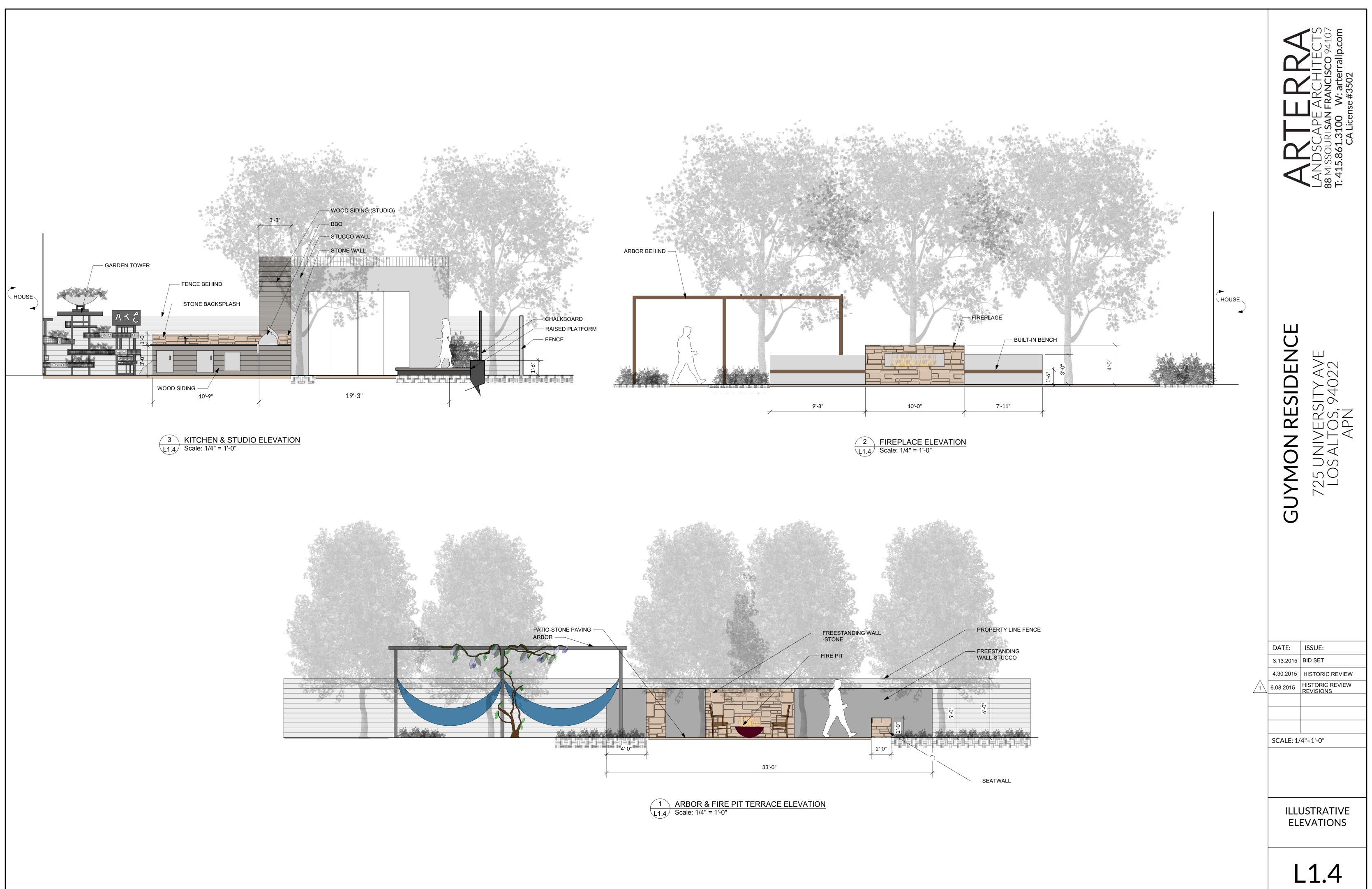


	A CHARTER RA LANDSCAPE ARCHITECTS B8 MISSOURI SAN FRANCISCO 94107 T: 415.861.3100 W: arterralp.com CAlicense #3502
D" SETBACK	<b>GUYMON RESIDENCE</b> 725 UNIVERSITY AVE LOS ALTOS, 94022 APN
	DATE: ISSUE: 3.13.2015 BID SET 4.30.2015 HISTORIC REVIEW 6.08.2015 HISTORIC REVIEW REVISIONS I
	SCALE: 1/8"=1'-0" SITE PLAN
	L1.0









Prevent movement, settlement or collapse of adjacent services, driveways, footings, fences and trees. Assume liability for such movement, settlement or collapse and promptly repair damage at no cost to the owner.

Contractor shall remove from the site all debris and unsuitable material discovered or generated by his operations, at the end of each work

Remove all plant material identified for removal, including roots. Chip all plant material (with the exception of ivy vines) on site and use chipped material to mulch existing trees to remain and other landscape areas.

Provide and maintain a mulch cover of 3" minimum in all construction/work areas, which will be returned to planting area, at completion of construction.

Recycle or re-use a minimum of 65% job site construction and demolition waste.

Provide separate bins for recycling on site, throughout construction

Provide clearly demarcated clean up areas, with collection facilities sufficient to handle liquid waste, such as paints, solvents, stucco/cement, etc. Such materials should not be introduced into the soil or the water table. Dispose of such materials in accordance with county regulations.

Provide, erect and maintain barricades to protect the general public, workers and adjoining property.

Conduct operations with minimum interference to public and private roadways.

## neighboring Property Owners. Keep work sprinkled to prevent dust.

AT CLOSE OUT Final Acceptance shall commence when all work is complete, including all submittals required.

All work, materials and equipment to have a one-year warranty, commencing on the date of the final project acceptance. Replace work due to faulty workmanship or materials at no additional cost to the Owner. Coordinate work with the Owner or representative and perform at such time and manner to cause minimal interruption and inconvenience to the Owner. Contractor to meet with homeowners, their gardener and the L.A. to coordinate plant maintenance and instruct in the operation and up keep of equipment and systems.

SUBMITTALS

A.Contractor to provide (2) project binders, to be delivered to the owners at the completion of construction. The binders should be tabbed and organized by category (lighting, irrigation, drainage, etc.). It should include manufacturers operating instructions, replacement part information, warranties, and any other pertinent information. Binders are due prior to Date of final project acceptance.

E. Lab tests for Two (2) Soil samples, taken from the locations at the front and the back of the lot and including recommendations for soil amendments.

F. Misc. Construction mock-ups of stone and tile work, etc. as needed and noted on details.

### DRAINAGE NOTES

### <u>GENERAL</u>

Refer to the Civil Engineer's Drawing, if available.

Refer to Geotechnical Report and Arborist Report for additional information.

DRAINAGE

Slope grade away from building walls at a min. of 2%.

Maintain site water on site, wherever possible.

Maintain existing drainage pattern across site. Do not change, divert, interrupt or increase water flow leaving site.

All new drains and lines are to be maintained clean, open and operable during and upon completion of landscape work. Install surface drains and pipes of sufficient size to carry run-off to outlet areas, sanitary sewer system or street, depending on regulations of local jurisdiction. Contractor to verify positive drainage flow and dispersal from all drain lines.

This plan is diagrammatic in nature, in order to clearly show intent of drainage system. Actual drain and drain line locations will vary. Confirm final locations of drains and clean out with L.A.

Set rim of all drains at low points in grade, and flush to finish grade. Provide positive flow of .5% in drain lines, except where noted.

Provide 1.5% flow in perforated drain lines behind retaining walls. Place dispersion pipes level and parallel to contours

Wrap dispersion trench with filter fabric.

Locate dispersion trench 20' minimum from any structure. Dispersion trench shall be located away from and below septic fields. Confirm final septic location prior to installing trench. Energy dissipater(s) to be dressed in rock. And blended into the land. Final layout and material selection to be approved by L.A. New drains and drain lines are to be inspected operational and approved by the L.A., prior to back-filling.

### **GRADING NOTES**

<u>GENERAL</u> Refer to the the Civil Engineer's Drawing, if available. Refer to Geotechnical Report and Arborist Report for additional information. ROUGH GRADING

Maintain existing grades at property lines and street. Grade site to maintain positive surface drainage away from buildings and paved areas. The contractor shall field verify existing grades and coordinate revisions to the grading plan with the L.A., before proceeding with work. All grades and elevations are relative to one another. Field adjustments will be necessary. Rough grades shall be approved by the L.A., prior to finish grade work and planting. Coordinate work required to bring site to finish grade with other trades working on site. Grades shall be of uniform slope between fixed points of elevation. Slope transitions to be smooth and even with no abrupt changes in grade. Remove any debris exposed or generated during course of work. Make every attempt to balance cut and fill on site and avoid soil transport. Contaminated soil and soil determined to be detrimental to plant growth should be removed from site. Stockpile and re-use top soil. Do not remove topsoil from this site. At building foundation, slope grade away from walls at a min. of 2% for 5'.

### FINE GRADING

Keep soil 6" min. below stucco/wood of building walls. Coordinate fine grading work with soil preparation work. See planting details. If required, import clean, fertile fill for planters in below grade patios Import soil for raised beds, as produced by \_

All areas are to left in a clean, smooth and even condition.

### SITE PROTECTION & DEMOLITION

The intention of site protection is to minimize the impact of demolition and construction on trees and to protect topsoil from compaction, erosion and contamination. Protect and preserve topsoil by fencing off undisturbed areas to remain. Stockpile and protect disturbed topsoil on site for re-use in planting areas. Install soil erosion control measures as required to minimize top soil and sediment run-off from site. Confirm requirements according to guidelines of local jurisdiction. Make every attempt to balance cut and fill on site to minimize soil transport. Protect existing trees and vegetation to remain with fencing and establish temporary irrigation suitable to maintain plantings during course of construction. Refer to the arborist report for full tree protection practice. All measures identified in the Tree Protection Report shall be implemented, including inspections and required watering of trees.

The Tree Protection Zone, as indicated in the Arborist report, is a restricted activity zone where no soil *disturbance* is permitted, unless otherwise approved. Fences are to be considered permanent for the duration of construction, unless working under the direct supervision of the arborist.

Contractor shall be responsible for damage to existing structures and shall take whatever steps are necessary to protect during the course of construction. Promptly repair damage at no cost to the owner.

Verify all utility data and locations prior to commencing any work with the local power companies and coordinate work as necessary according to actual and verified

Conduct construction operations to prevent windblown dust and dirt from interfering with the progress of the work and from causing a nuisance to the existing residence and

B.Contractor to Provide bill of lading/receipts for soil amendments and mulch, prior to placing plants.

C. Contractor to submit copies of shipping orders for all plant material, to confirm varieties of plants shipped.

D. Contractor to provide as built drawings for irrigation, lighting and drainage mechanical, prior to final project acceptance.

The contractor is responsible for providing and maintaining positive surface drainage in all paved and landscape areas. Site water is to be moved quickly off paved areas and lawns, to avoid poling and then slowed in low, planted areas, designed for temporary retention and percolation.

All existing drains and lines are to be maintained open and operable during and upon completion of landscape work.

Coordinate rainwater collection from down spouts and ensure that flow is integrated into overall drainage system.

Provide owners with two sets of as-built drawings, showing actual locations of drains, lines and energy dissipater and dispersion trenches.

Backfill areas excavated as a result of demolition, trenching, etc. to maintain the natural contours of the site.

Fine grading procedures shall include evening of grades in all planter areas, around paving and stepping stones, pools, etc.

Protect existing infrastructure, buildings and built elements to remain, throughout construction. Repair any damage done at no cost to the owner.

MATERIALS LIST			
KEY	ITEM	DESCRIPTION/MANUFACTURER MODEL #	FINISH
		DESCRIPTION/MANOPACTORER MODEL #	
A - PAVING			SMOOTH FINISH
<u>A-1</u>	PATIO- STONE ON CONCRETE	SBI/INDIANA LIMESTONE	
A-2	DRIVEWAY -CONCRETE	DAVIS COLOR/SIERRA	LIGHT SANDBLAST
<u>A-3</u>		GRANITECRETE	
<u>A-4</u>	STEPPING PADS - CONCRETE	DAVIS COLOR/SIERRA	LIGHT ACID WASH FINISH
A-5	AUTOCOURT - STONE ON CONCRETE	SBI/INDIANA LIMESTONE	BUFF - STANDARD - SMOOTH FINISH
B - WALLS			
B-1	FREESTANDING WALL - STONE	SBI/SUSSEX BUFF 6"-12"H x 9"-24"Wx2" THICK	SPLIT FACE
B-2	FREESTANDING WALL - PLASTER	LAHAMBRA - VARIANCE SPECIALTY	RIVER ROCK 216
B-3	SEATWALL - STONE	SBI/SUSSEX BUFF 6"-12"H x 9"-24"Wx2" THICK	
B-4			
C -OUTDOOR KITCHEN			
C-1	BBQ	LYNX 42" GAS BUILT IN	
C-2	SINK		
C-3	FAUCET		
C-4	REFRIGERATOR		
C-5	STORAGE CABINETS		
C-6	WALLSTONE	SBI/SUSSEX BUFF 6"-12"H x 9"-24"Wx2" THICK	SPLIT FACE
C-7	WOOD FACING	TOURNESOL/ BOULEVARD DECK BOARDS 1x4	THERMALLY MODIFIED - OAK - DARK FINISH
C-8	BBQ COUNTER	CONCRETE WORKS	COLOR ELK
D-2	COVER	ТВО	
C-9	STORAGE ACCESSORY	LYNX 36" IN. MODEL LSA36	
<u>C-10</u>		LYNX 24" OUTDOOR REFRIGERATOR MODEL L24 REF	
<u>C-11</u>	UTILITY DRAWER	LYNX UTILITY DRAWER MODEL LUD-XL-1	
D - FIREPLACE			
D-1	FIREPLACE WALL - STONE	SBI/SUSSEX BUFF 6"-12"H x 9"-24"Wx2" THICK	SPLIT FACE
D-2	FIREPLACE WALL - PLASTER	LAHAMBRA - VARIANCE SPECIALTY	
D-3	FIREPLACE BENCH - WOOD	TOURNESOL/ BOULEVARD DECK BOARDS 1x4	THERMALLY MODIFIED - OAK - DARK FINISH
D-4 D-5	FIREPLACE INSERT FIREPLACE ROCK	HPCfire.com/ LINEAR BURNER ARCHITECURAL POTTERY?TUMBLED LAVA ROCK	TBD LARGE
E - DECK, PLATFORM, V	NOOD STAIRS		
E-1	DECK	TOURNESOL/ BOULEVARD DECK BOARDS 1x6	THERMALLY MODIFIED - OAK - DARK FINISH
E-2	PLATFORM	TOURNESOL/ BOULEVARD DECK BOARDS 1x6	THERMALLY MODIFIED - OAK - DARK FINISH
<u>E-3</u>	WOOD STAIRS	TOURNESOL/ BOULEVARD DECK BOARDS 1x6	THERMALLY MODIFIED - OAK - DARK FINISH
F - FENCE & GATES			
F-1	FENCE - PROPERTY LINE	CLEAR HEART CEDAR	PAINT TBD
F-2	FENCE - UNIVERSITY AVE	TOURNESOL/ BOULEVARD BOARDS 1x6	THERMALLY MODIFIED - OAK - DARK FINISH
F-3	GATE - DRIVEWAY	TOURNESOL/ BOULEVARD BOARDS 1x6	THERMALLY MODIFIED - OAK - DARK FINISH
M-4	DECOMPOSED GRANITE	GREY	
	SOIL AMENDMENT	DIESTEL STRUCTURED COMPOST	
G - ARBOR			
G-1	ARBOR POSTS	4x4 TUBE STEEL	BRONZE POWDER COAT
G-2	ARBOR PLANKS	2x2 TUBE STEEL	BRONZE POWDER COAT
H - SPA	CDA		
<u>H-1</u> H-2	SPA SPA COVER	BRADFORD SPA/CAROLINA BRADFORD SPA COVER	STAINLESS STEEL
H-3	SPA TILE	TBD	ТВD
M-MISC			
M-1 M-2	BOULDERS FIREPIT	TBD CONCRETEWORKS/TINDER HEMISPHERE 50"/INFILL/INFILL CO	VER MOJAVE/NATURAL GAS/REMOTE IGNITION
M-3	DANCE STUDIO	MODERN SHEDS 9'X10'	MODERN-SHED.COM
M-4	SCULPTURE	BY OWNER	
M-5	LANDSCAPE SCULPTURE	BY OWNER	

### LANDSCAPE NOTES & SPECIFICATIONS

GENERAL These drawings indicate the expectation of best practice, first class work. If, in the opinion of the contractor, there is any doubt about the quality of work expected, s/he shall refer to the landscape architect for interpretation before proceeding with the work.

This is a proposed "Green Project". All trades are required to refer to the green points checklist. Consider all General Landscape Notes and specifications apply to all drawings.

Review Architectural, Civil and Structural Documents. Review Geotechnical Report and Arborist Report. (list reports, by whom and dates)

detailing and level of detailing are appropriate and adequate to allow his/her satisfactory construction of the Project.

It is the responsibility of the contractor to bring to the attention of the landscape architect any conditions, which will not permit the construction indicated in these documents, prior to proceeding with the work. Do all work in accordance with all state and local building codes in effect for Los Altos, California. All landscape elements are indicated in approximate locations. Field-verify all dimensions. DO NOT SCALE THE DRAWINGS. Conditions not shown or foreseen may alter new work shown and may require additional work. Contractor is responsible for coordinating final layout on site. Final layout to be approved by Landscape Architect and Owners, prior to commencement of construction. Written dimensions supersede scaled dimensions.

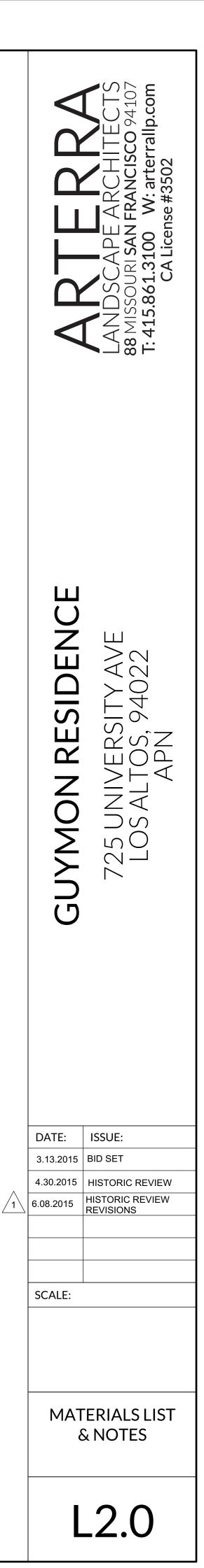
All materials, finishes, colors, fixtures, fittings, etc. specified in these drawings are be verified with the Landscape Architect and Owners, prior to ordering. In the event of a conflict between the plans, specifications, and/or manufacturers' literature, the more stringent requirement shall govern. These drawings and the design they represent are the exclusive property of Arterra, LLP.

Contractor is responsible for securely maintaining a current drawing set on site during construction.

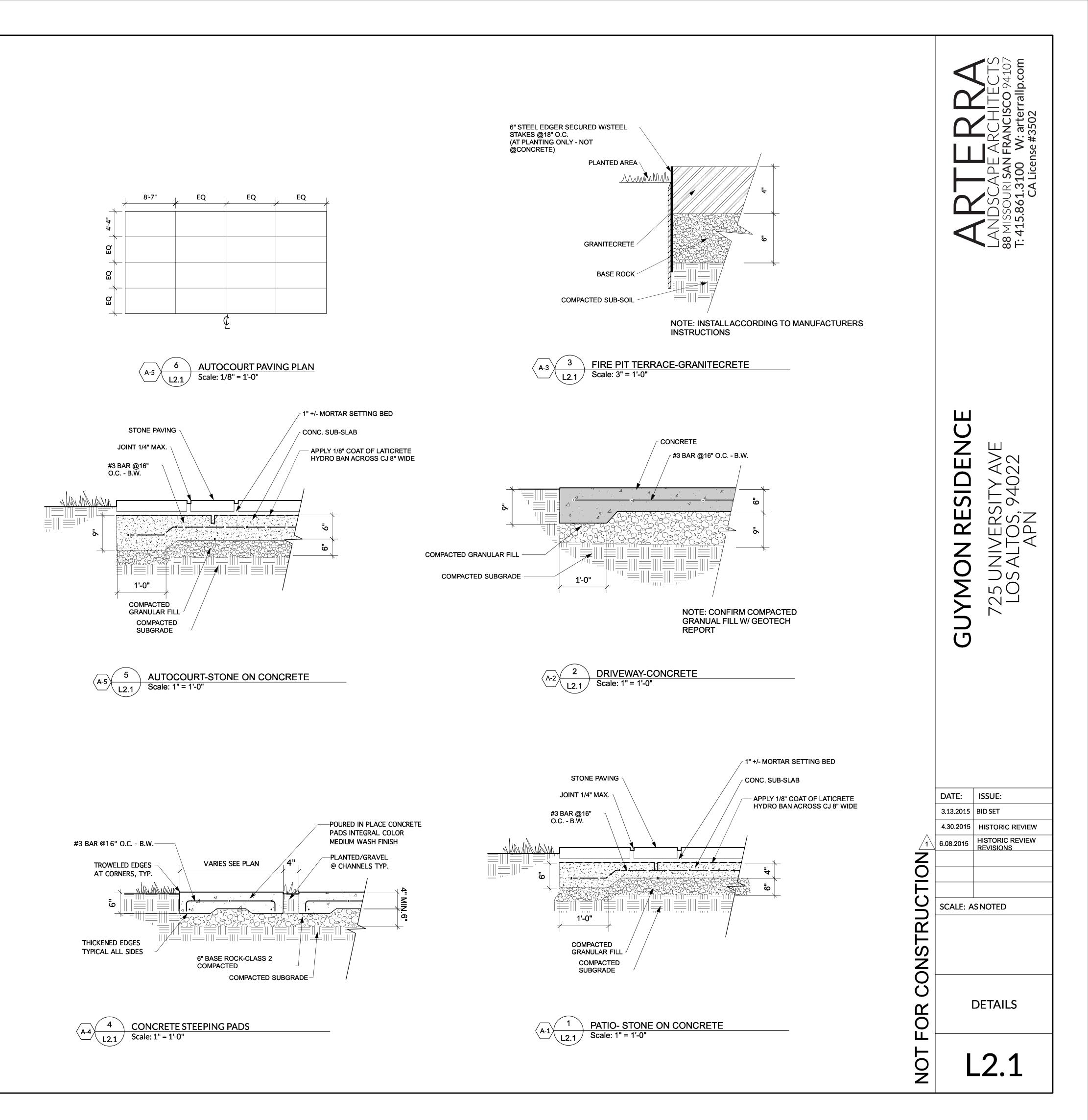
Coordinate schedule of work with other contractors as is required to complete this scope of work, in a timely manner and make best use of equipment and materials.

IN THE COURSE OF CONSTRUTION See "Site Protection and Demolition Notes" See "Planting Notes" See "Irrigation Notes" See "Lighting Notes" See "Drainage Notes" See "Grading Notes"

The Contractor agrees, by proceeding with construction and using these Construction Documents, that s/he has reviewed them in detail, understands them and agrees that the drawing conventions employed, the amount of

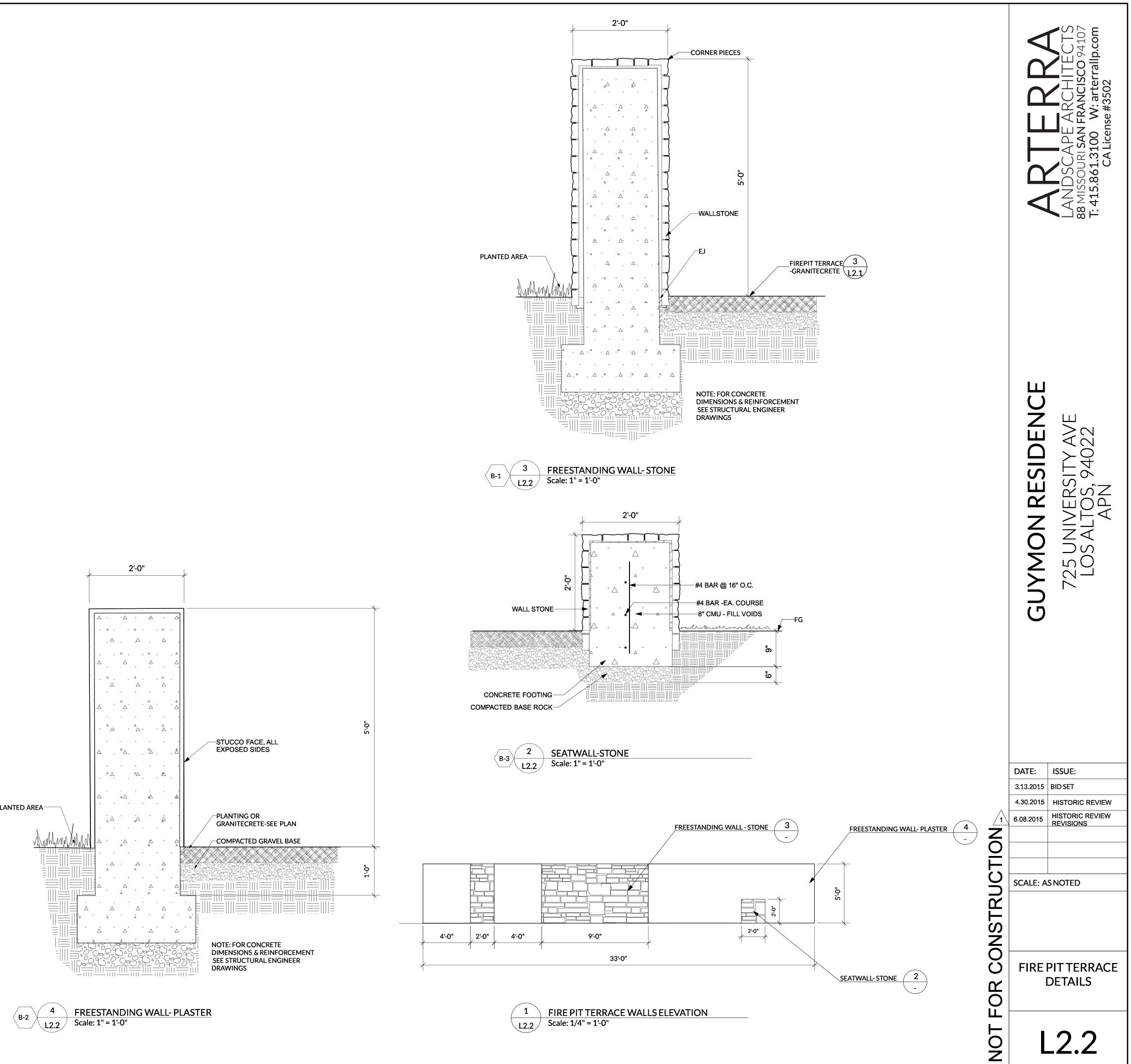




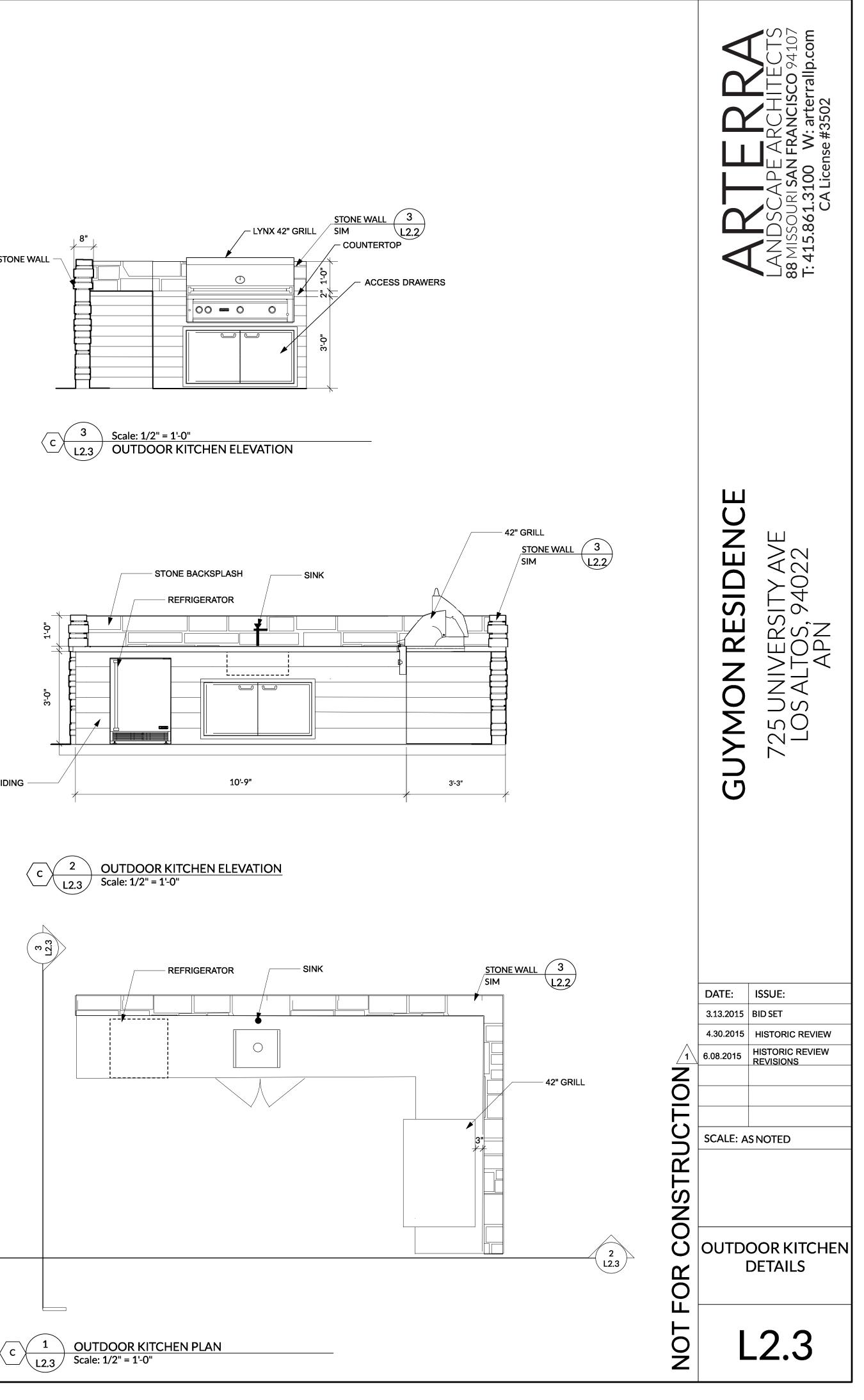


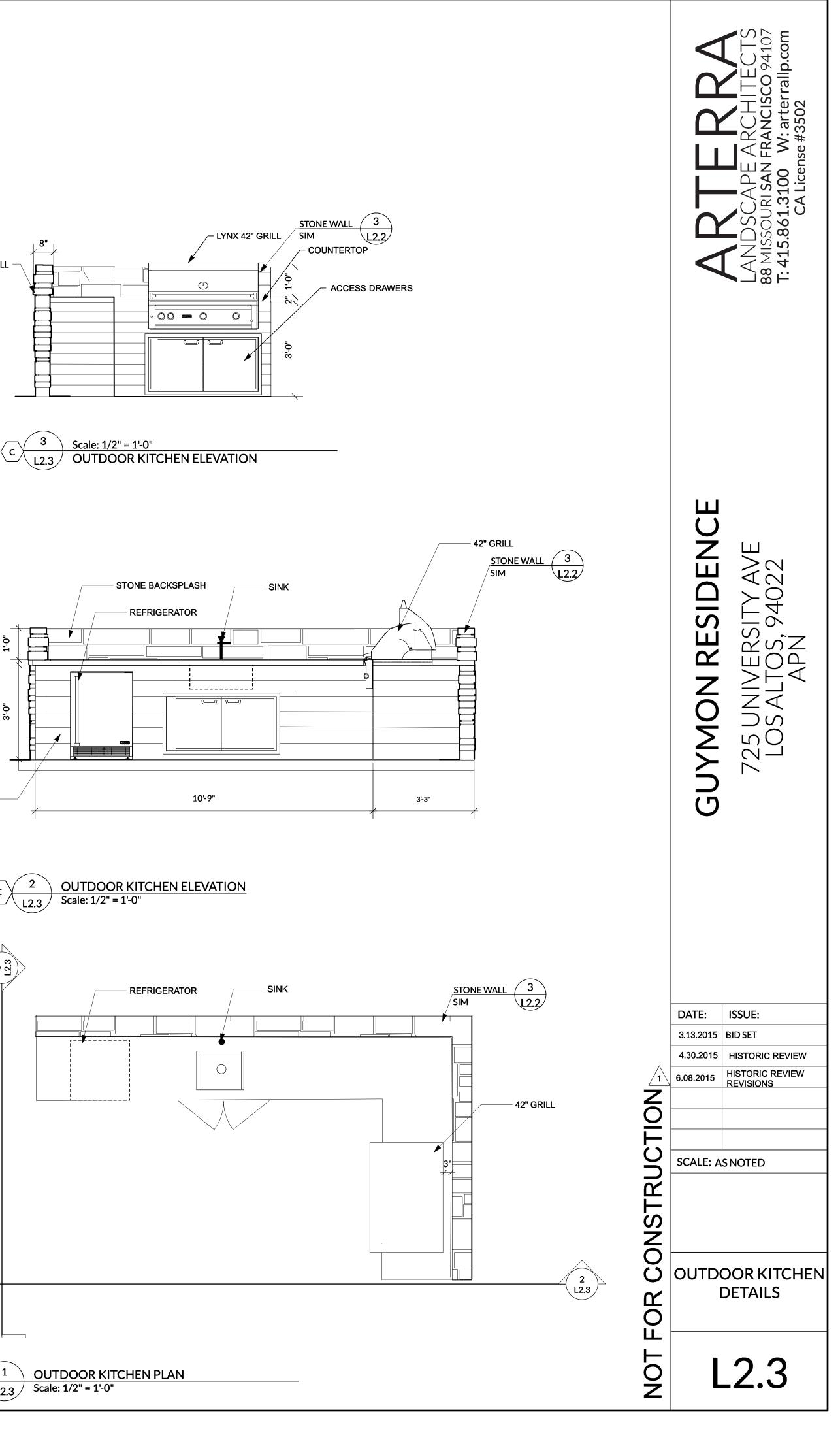
PLANTED AREA

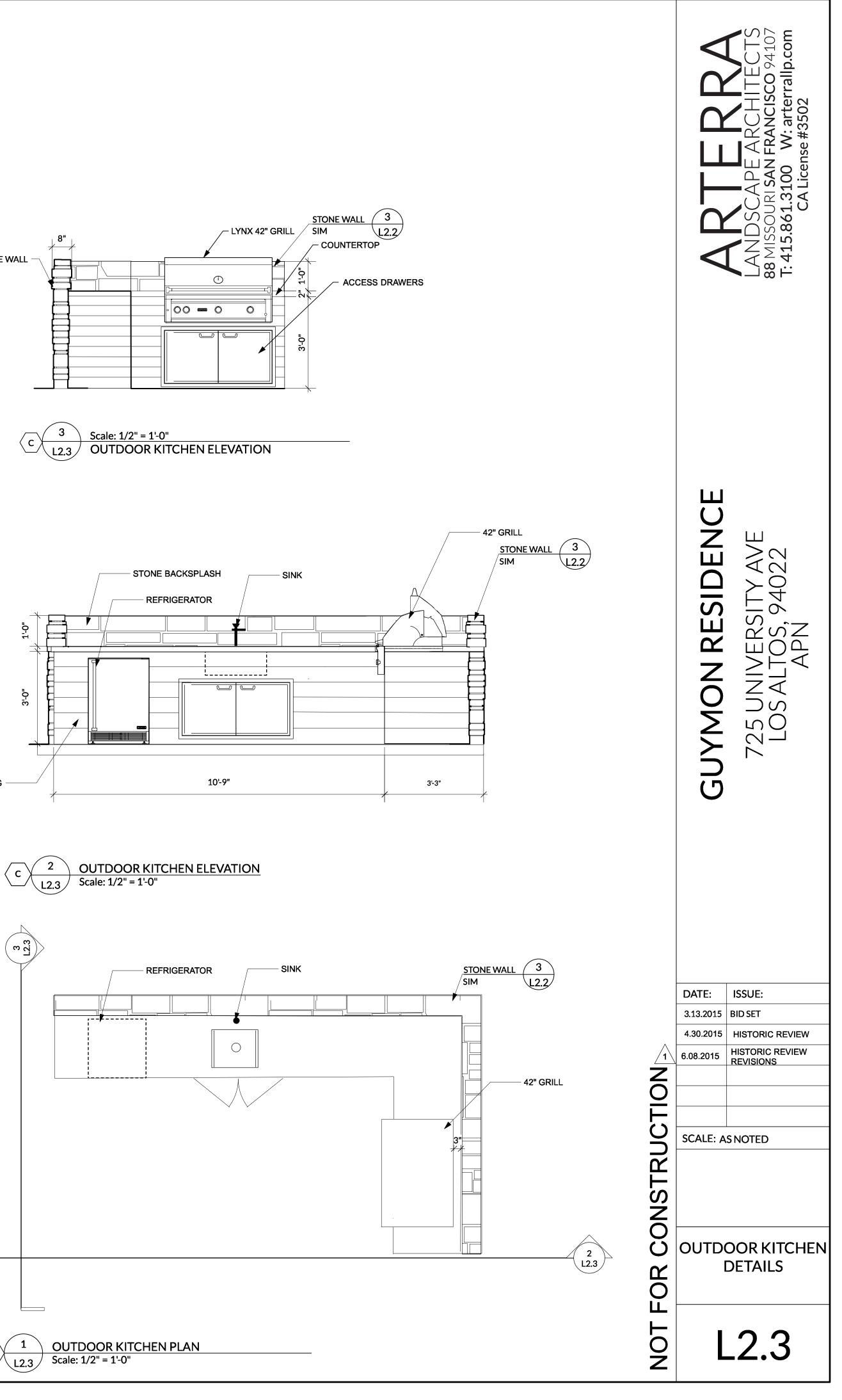




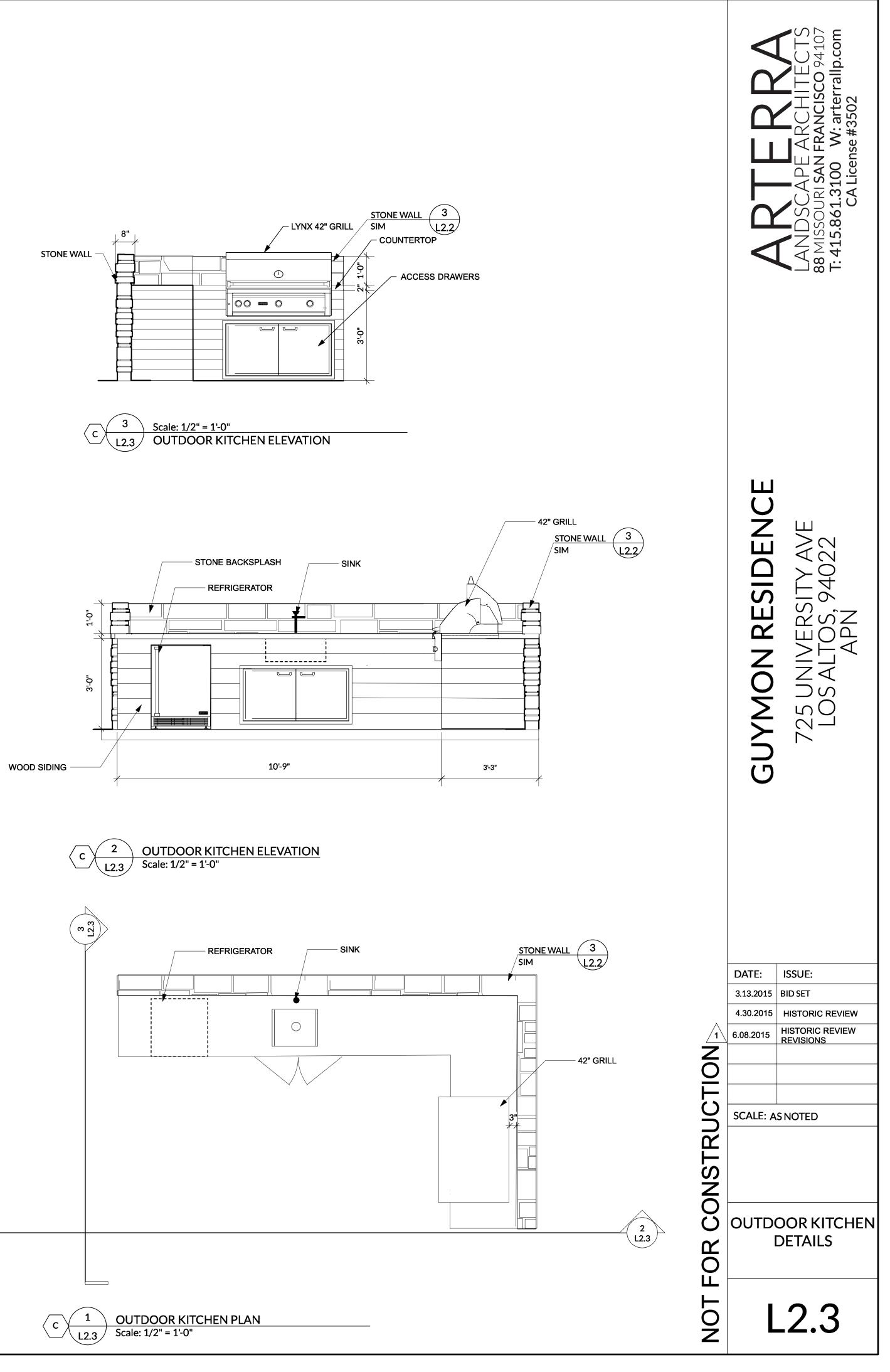




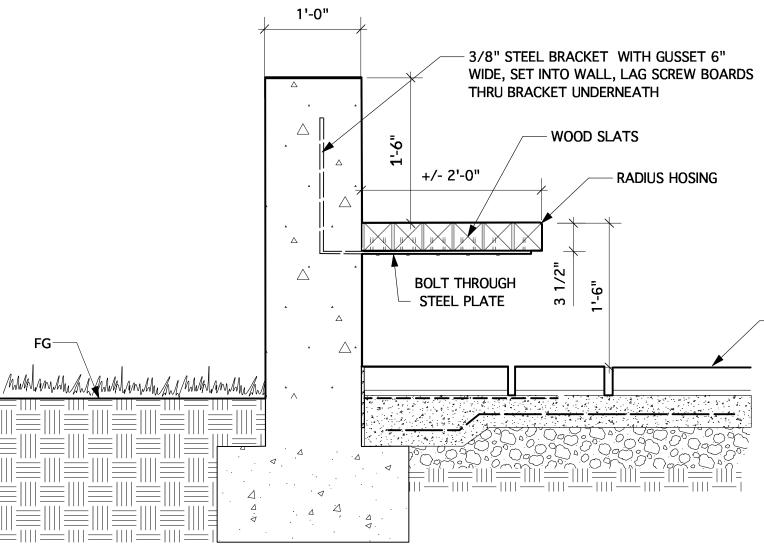


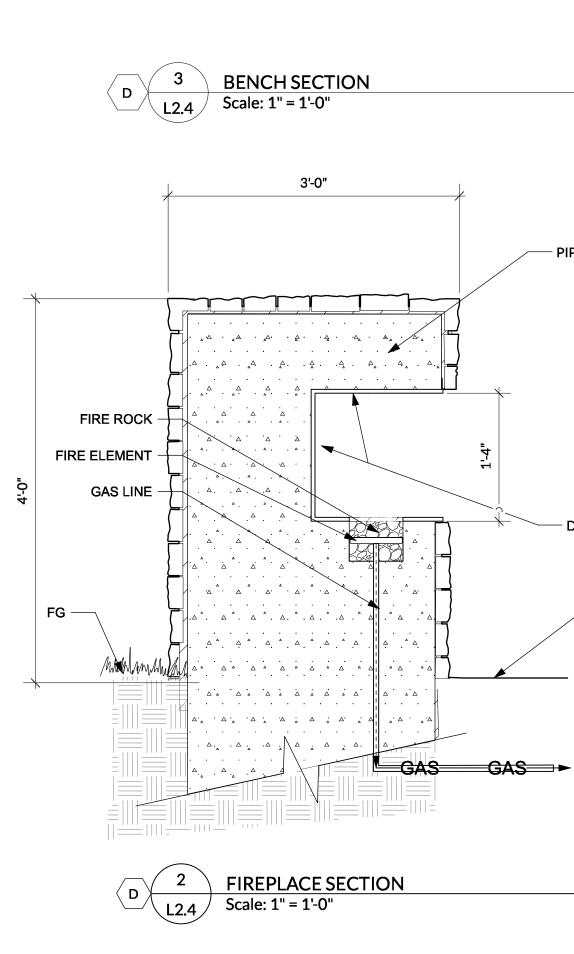








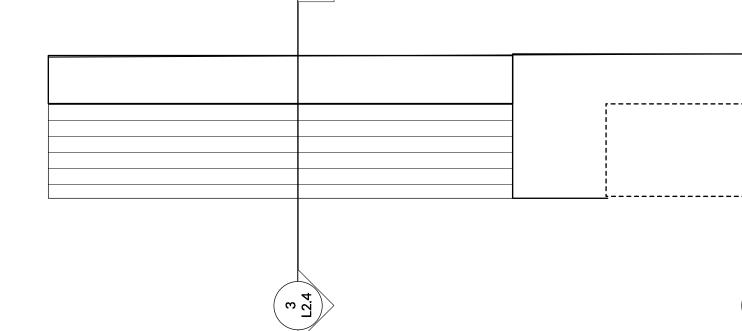


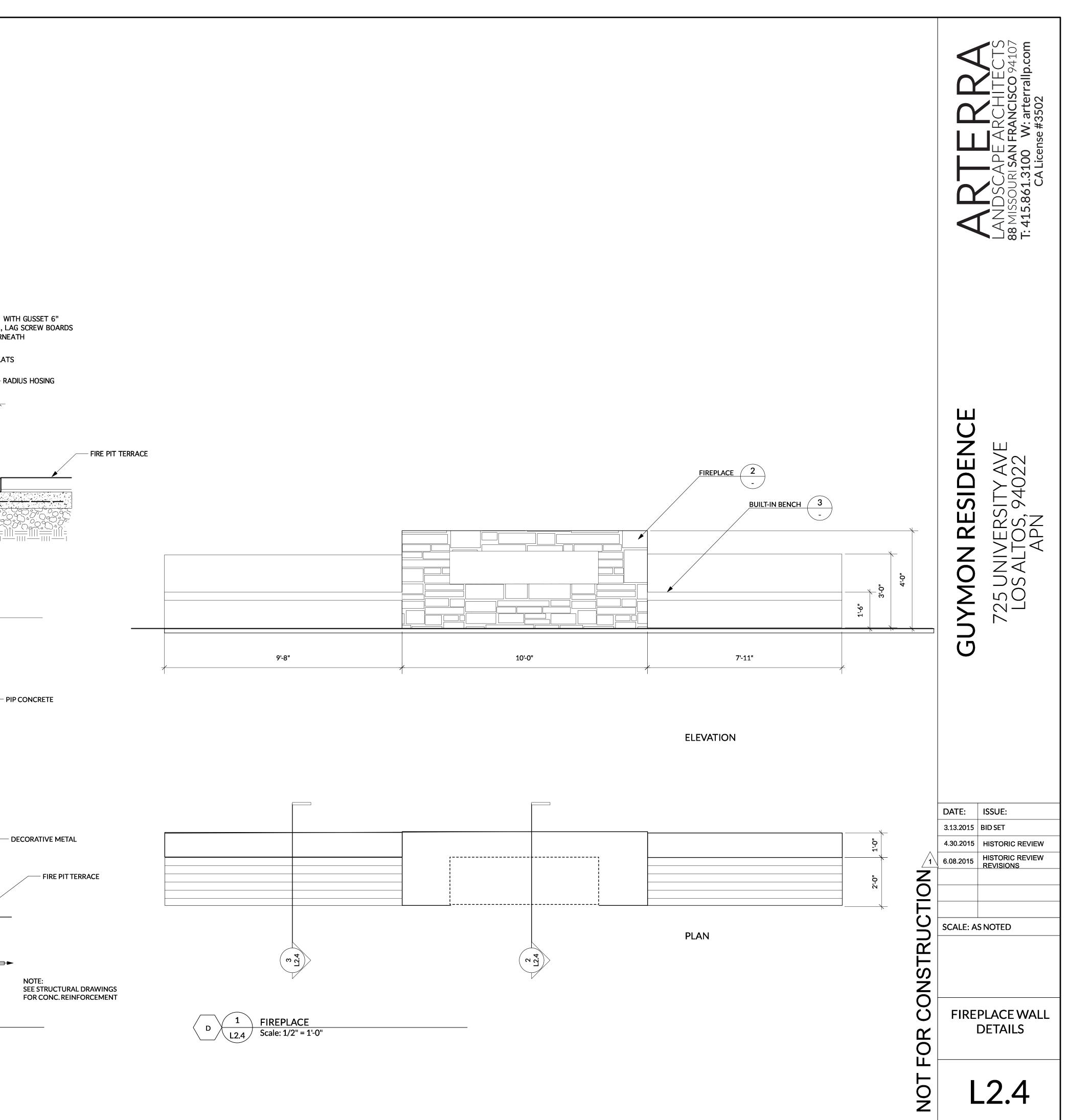


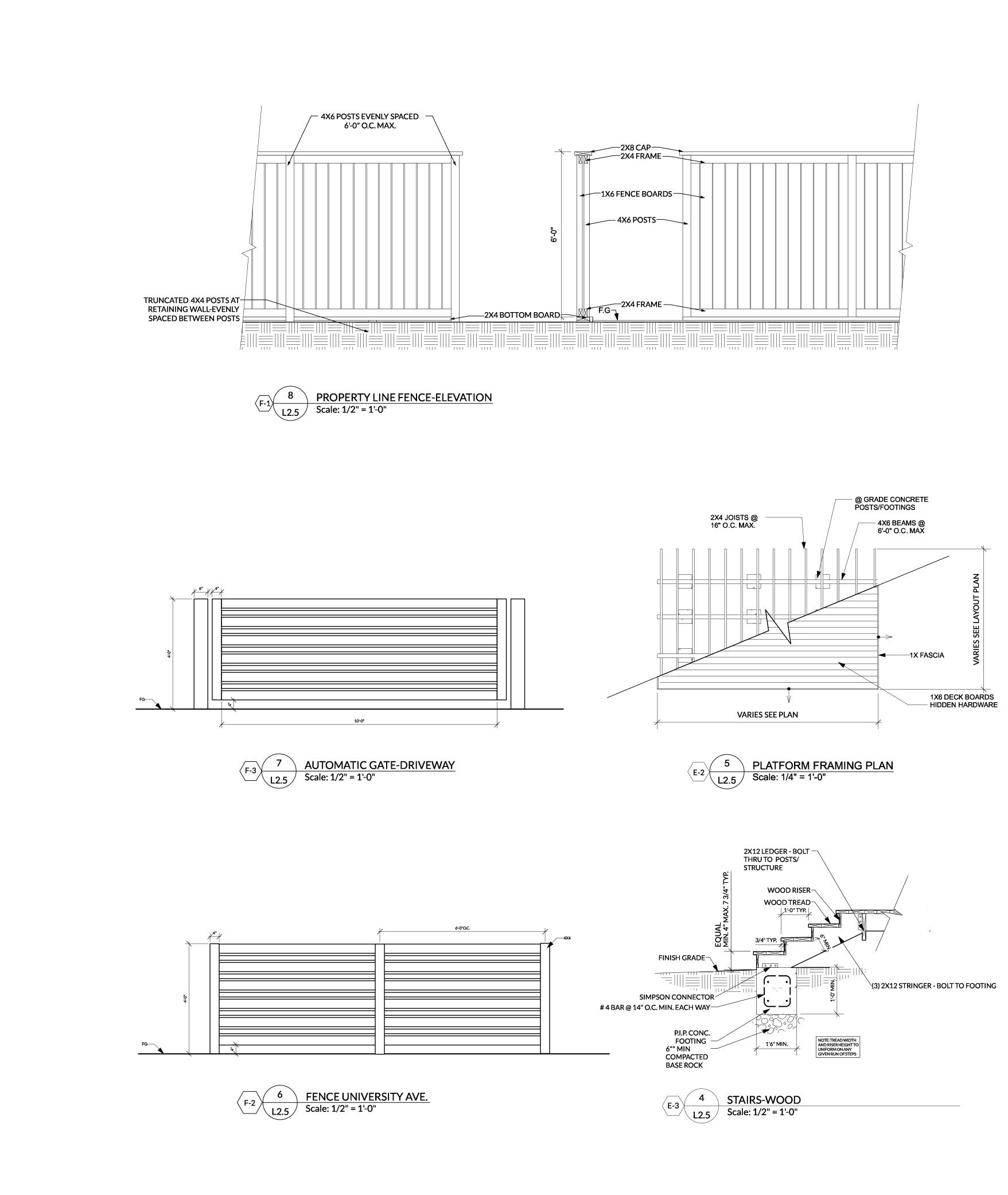


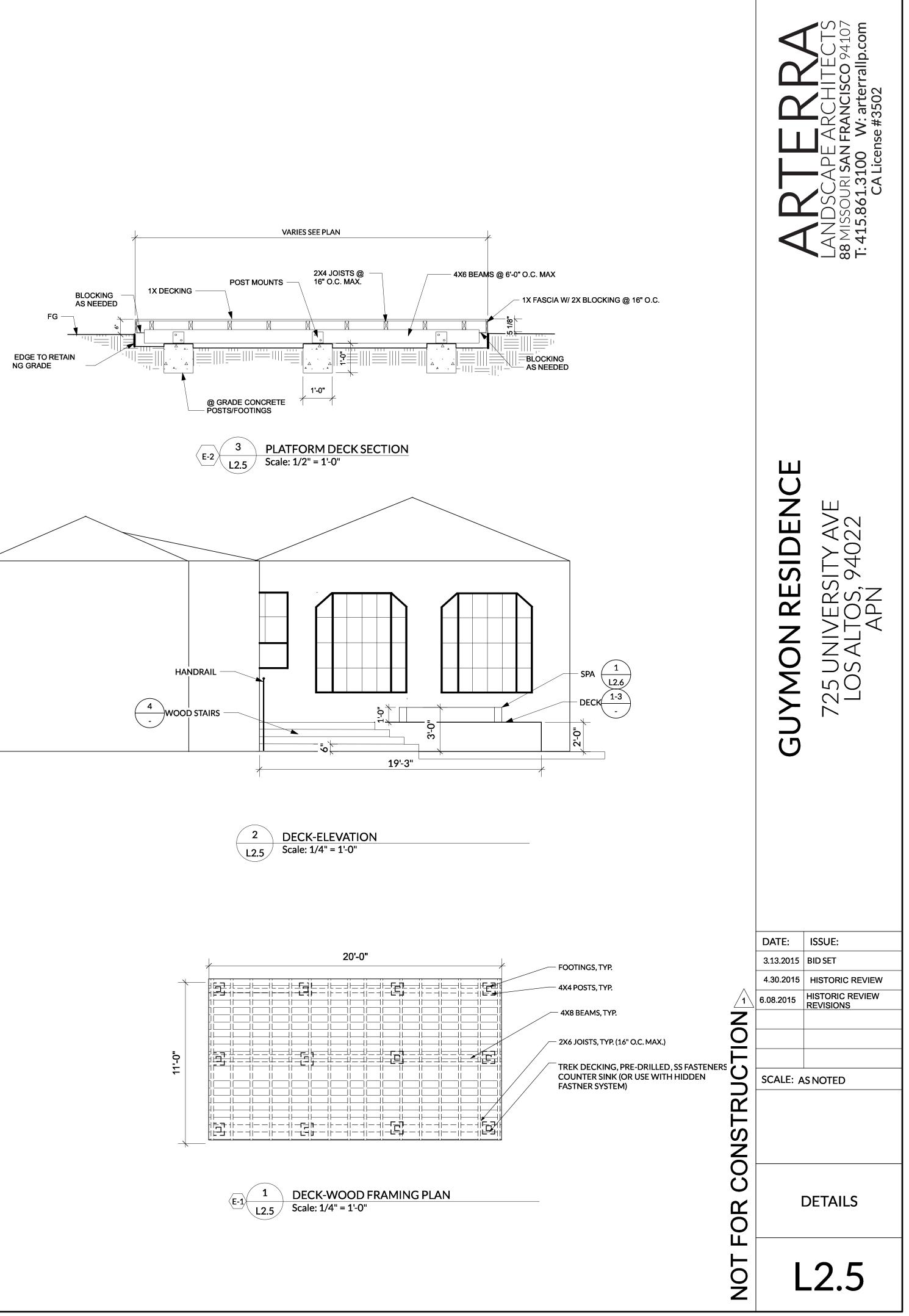


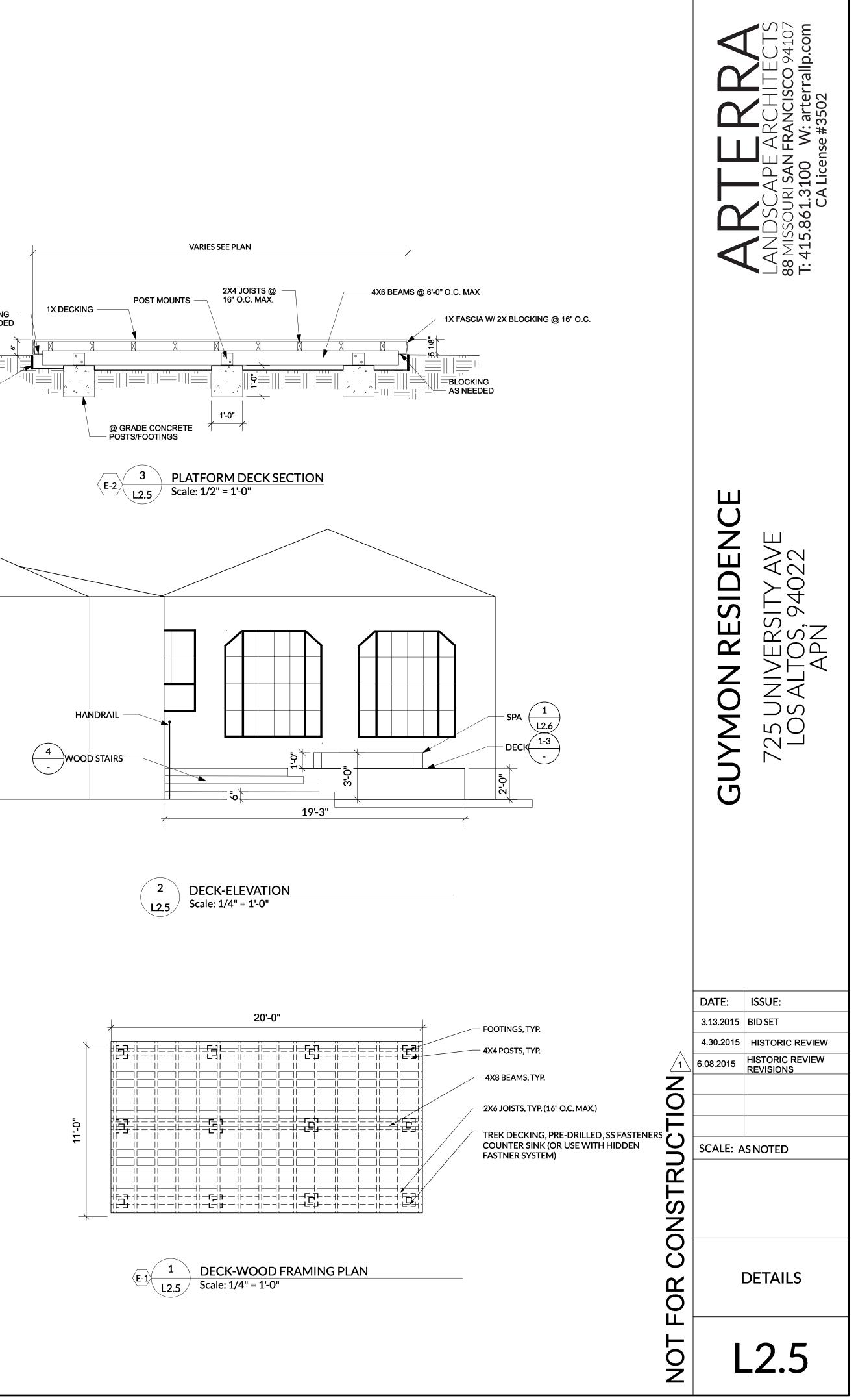


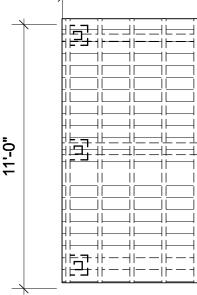


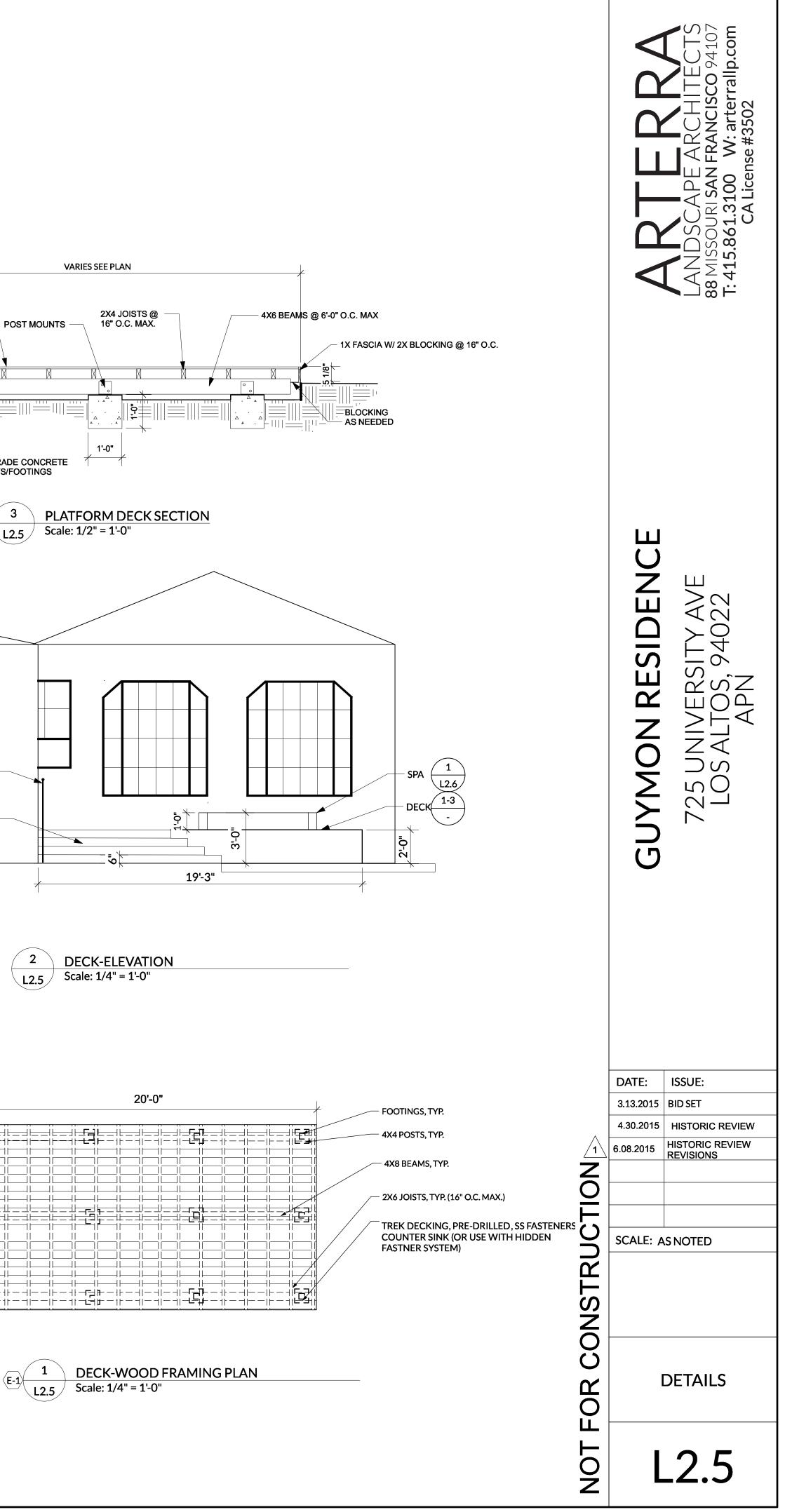


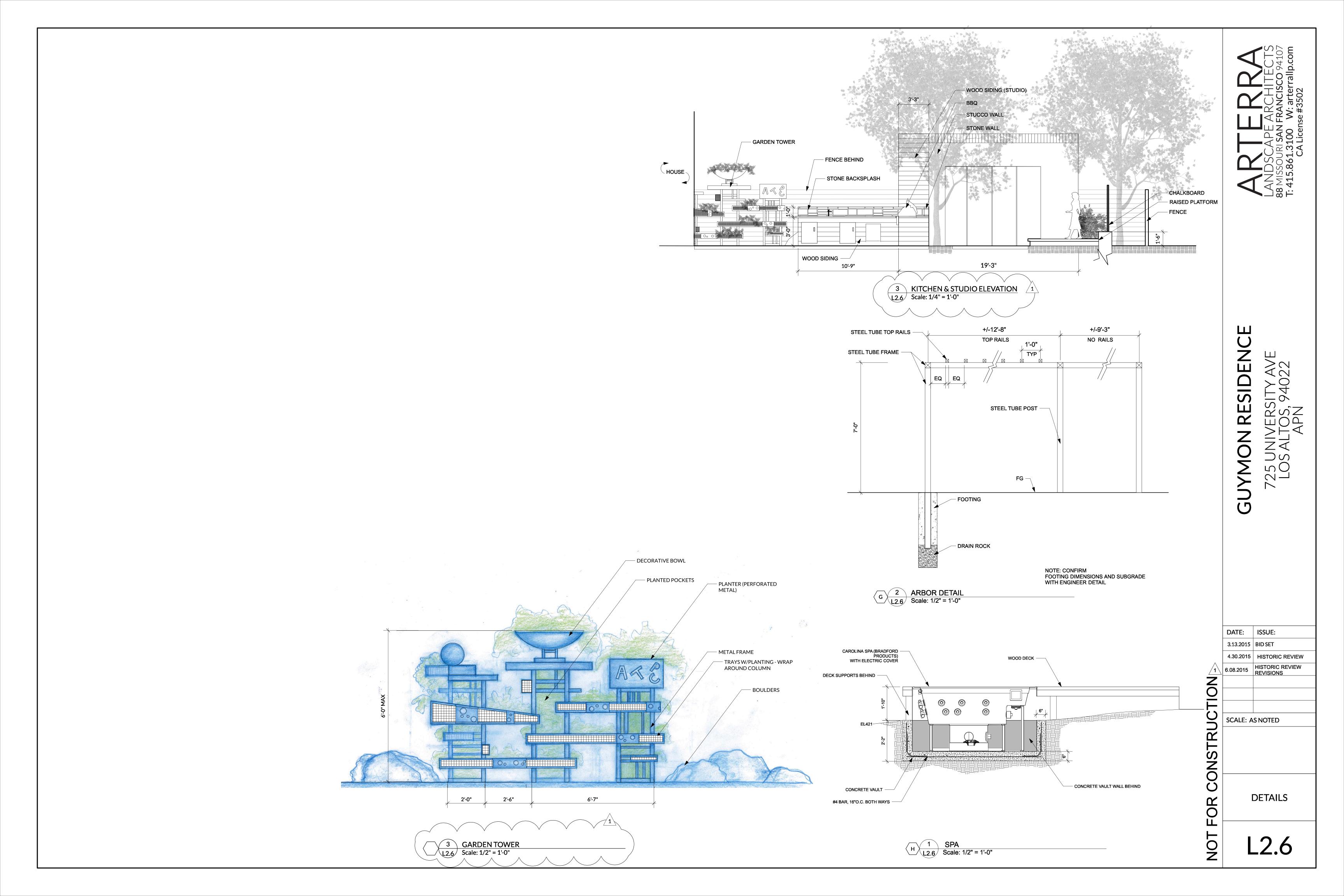








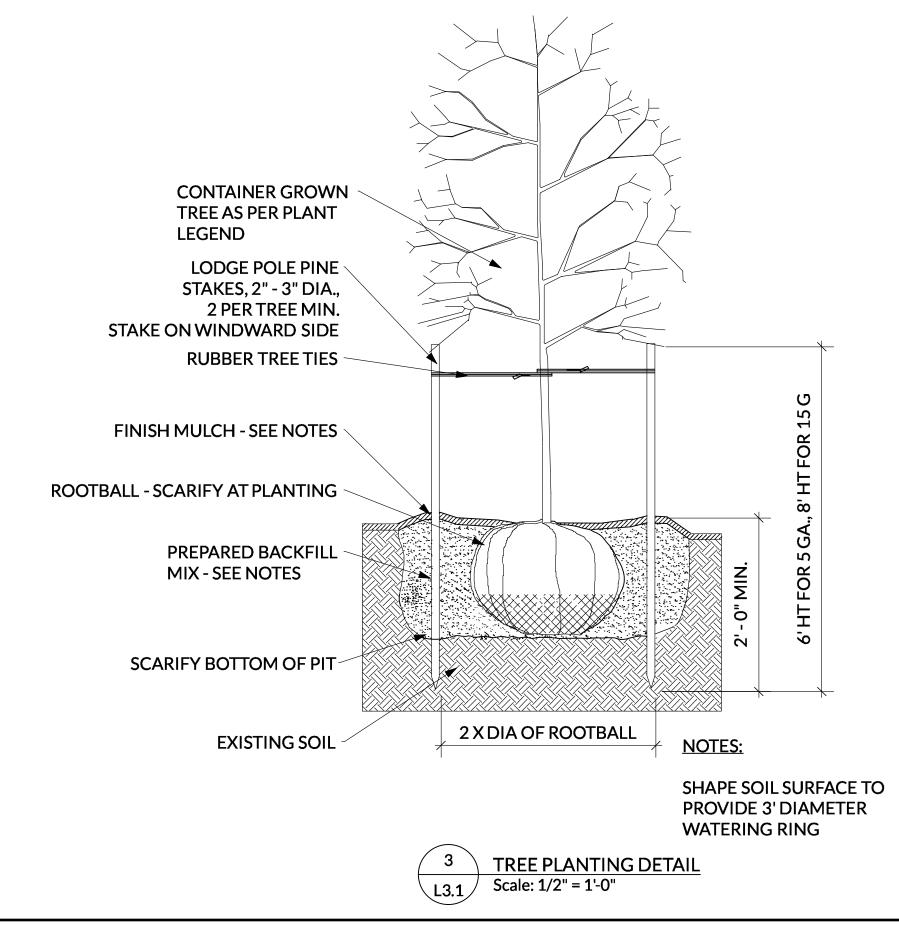


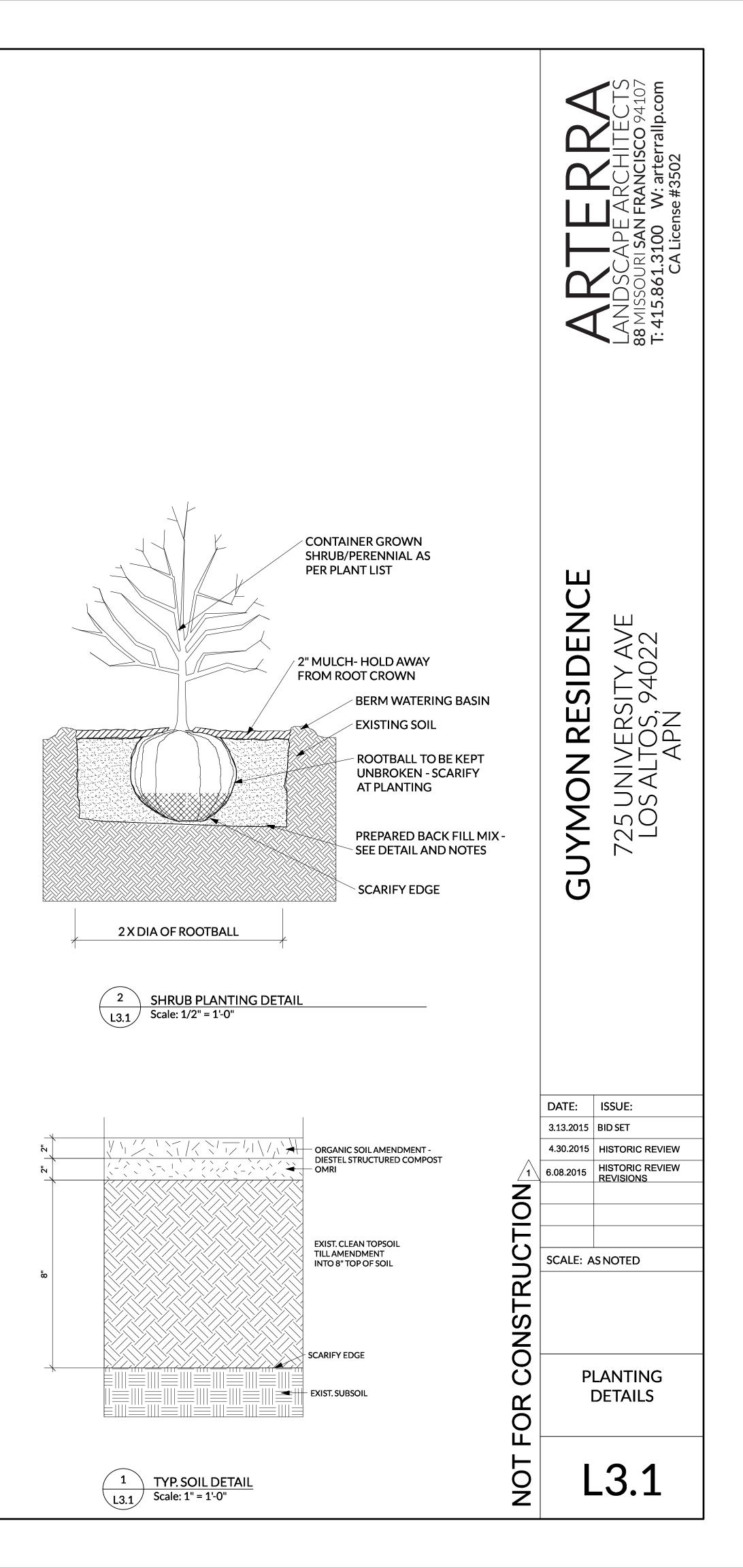


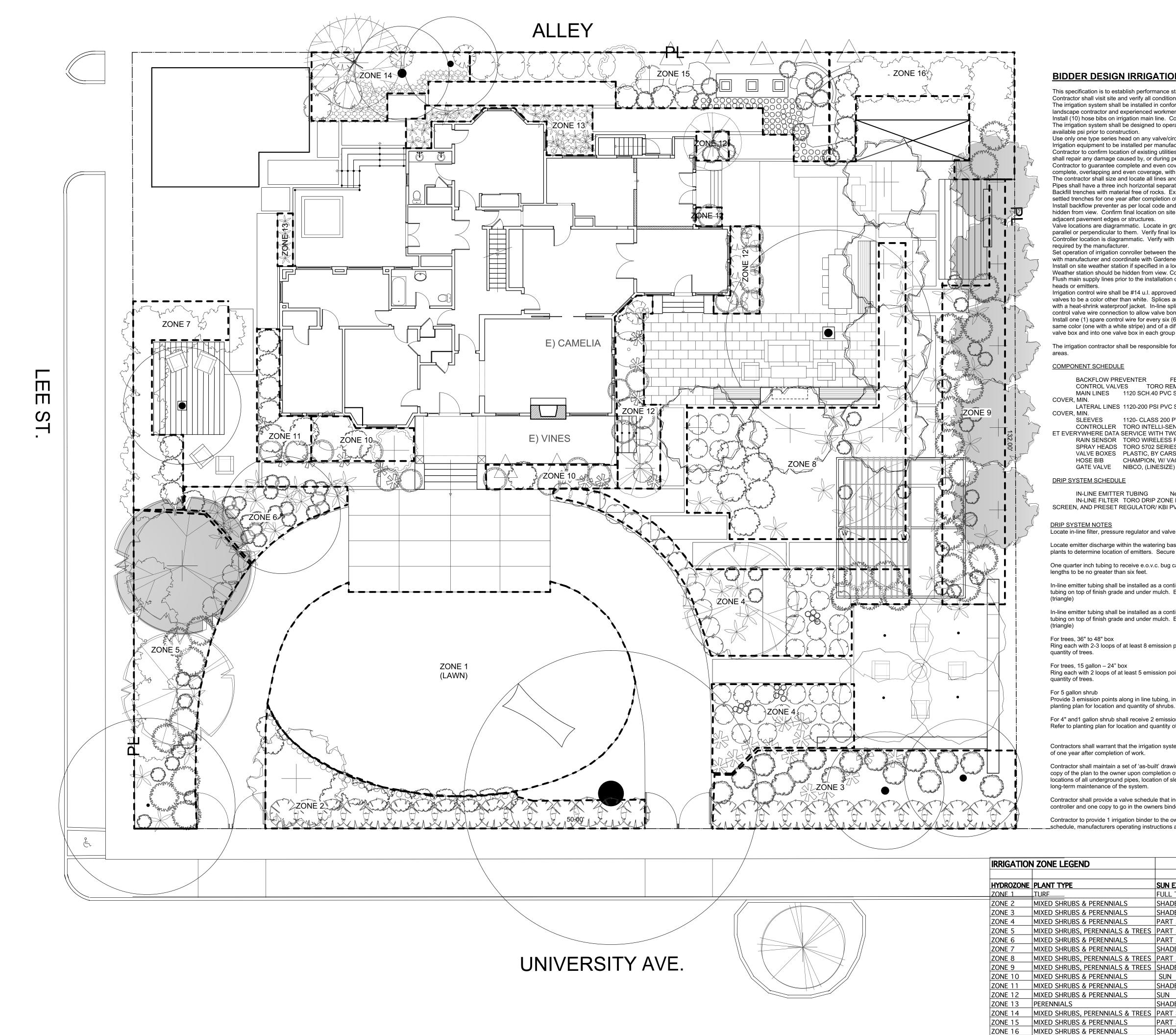
ant List								
Qty ees	y ID	Botanical Name	Common Name		Scheduled	Rem		
47		8	8		88	0		
	1 ABM 1 CER-C	Arbutus x 'Marina' Cercis canadensis	Marina Strawberry Tree Redbud		36" Box 36" Box			
2	2 CTT	Citrus	Assorted Citrus		15 Gal			
2	5 GEI 2 COE	Cordia Sebestena Cornus x 'Eddie's White Wonder'	Geiger Dogwood		24" Box 36" Box			
e	6 PIS 9 POD	Pistacia chinensis Podocarpus gracilior	Chinese Pistachio Fern Podocarpus		24 Box 15 Gal		-	
	1 PUN	Podocarpus gracilior Punica granatum 'Wonderful'	Fruiting Pomegranate		24" Box			·
rubs								
220	D : 1 ABV	15 Abutilon hybridum 'Vesuvius Red'	15 Red Flowering Maple	1	5 14 15 Gal	0		
1	1 ACC	Acer circinatum	Vine Maple		36" Box			
	5 CAF 2 CAS	Camelia sasanqua 'Fairy Blush' Camellia sasanqua `Setsugekka`	Camelia sasanqua 'Fairy B Setsugekka Camellia	lush'	15 Gal 15 Gal			
	3 CEH 7 COC	Ceanothus horizontalis Cocculus laurifolius	California Lilac Platter Leaf		1 Gal 15 Gal			
28	8 COR 1 HYP	Correa x 'Ivory Bells'	Ivory Bells Australian Fuch	nsia	5 Gal			
Z	4 HYQ	Hydrangea paniculata 'Fire Light' Hydrangea quercifolia	Fire Light Hydrangea Oakleaf Hydrangea		5 Gal			
14	2 LAM 4 MSC	Lantana montevidensis Mahonia 'Soft Caress'	Lantana Trailing Soft Caress Mahonia		5 Gal 5 Gal			
	3 PIL 2 PFF	Pieres japonica Pieris x 'Forest Flame'	Little Heath Lily of the Val Forest Flame Lily Of The V		5 Gal 15 Gal		İ	
20	0 PIT	Pittosporum tobira	Wheeler's Dwarf	-	5 Gal		İ	
, rennials	7 RLB	Rosa 'Lady Barbara'	Lady Barbara Climbing Ro	э <del>с</del>	1 Gal		İ	
332	2	9 Aiuga roptans	9 Puplowed Com D		<b>9</b> 9	0		
29	9 CLI	Ajuga reptans Clivia miniata 'Belgian Hybrid Yellow'	Bugleweed, Common Bug Belgian Hybrid Yellow Bus		1 Gal 5 Gal			
	5 CRC 9 HEL	Crocosmia 'Lucifer' Helleborus agrifolia	Crocosmia Lenten Rose		1 Gal 1 Gal	$\left  - \right $		
13	3 HEC	Hemoerocallis	Daylily Stella De Oro		1 Gal			
	7 HEX 6 NEP-1	Heuchera maxima Nepeta x faassenii	Island Alum Root Catmint		1 Gal 1 Gal			
5	5 PAS 8 THE	Passiflora Edulis Thymus serpyllum 'Elfin'	Passion Fruit Elfin Thyme		15 Gal 4" POTS			
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namenta	al Grasses						y I	
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67	7 DRY	Dryoteris arguta	Wood Fern		5 Gal		5	
cti & Suc	culents				<b>0</b> 0		X	
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### **BIDDER DESIGN IRRIGATION NOTES**

This specification is to establish performance standards for a bidder-designed irrigation system. Contractor shall visit site and verify all conditions shown on plans prior to commencement of any work.

- The irrigation system shall be installed in conformance with all applicable state and local codes and ordinances by a licensed landscape contractor and experienced workmen. The contractor shall obtain all necessary permits and fees.
- Install (10) hose bibs on irrigation main line. Confirm final location on site with L.A. The irrigation system shall be designed to operate according to the available psi at point of connection (p.o.c.) confirm available psi prior to construction.
- Use only one type series head on any valve/circuit. Do not mix head types or manufacturers. Irrigation equipment to be installed per manufacturers instructions.

Contractor to confirm location of existing utilities and underground structures prior to the excavation of trenches. Contractor shall repair any damage caused by, or during performance of his work at no additional cost to the owner.

Contractor to guarantee complete and even coverage of irrigation in all planter areas. Lawn/spray system shall have complete, overlapping and even coverage, with valves sufficient to address different sun aspects. The contractor shall size and locate all lines and sleeve as required parallel pipes may be installed in a common trench. Pipes shall have a three inch horizontal separation and are not to be installed directly above one another.

Backfill trenches with material free of rocks. Excavations to be backfilled to 90% compaction minimum. Contractor to repair settled trenches for one year after completion of work. Install backflow preventer as per local code and according to manufacturer's specifications. Final location to be discreet and hidden from view. Confirm final location on site with L.A.. Backflow preventer shall be installed plumb and in alignment with

adjacent pavement edges or structures. Valve locations are diagrammatic. Locate in groundcover areas (not lawn). Locate 12" min. from walks, walls fences and parallel or perpendicular to them. Verify final locations with landscape architect.

Controller location is diagrammatic. Verify with LA. Contractor to supply power and internet conncetion to controller, as Set operation of irrigation conroller between the hours of 10:00 pm and 7:00 am. Coordinate establishment irrigation schedule

with manufacturer and coordinate with Gardener. Install on site weather station if specified in a location with the most extreme conditions of the site. (Highest wind, sunniest). Weather station should be hidden from view. Confirm final location with LA.

Flush main supply lines prior to the installation of remote control valves. Flush lateral lines prior to the installation of irrigation Irrigation control wire shall be #14 u.l. approved for direct burial. Common wire to be white in color. Wires to individual control valves to be a color other than white. Splices are to be made within a valve box using a crimp type copper wire connector with a heat-shrink waterproof jacket. In-line splices shall be soldered. Leave twenty four inches of wire coil at each remote

control valve wire connection to allow valve bonnet removal without disconnecting control wires. Install one (1) spare control wire for every six (6) stations on the controller along the entire main line. Spare wires shall be the same color (one with a white stripe) and of a different color than other control wires, loop 36" excess wire into each single valve box and into one valve box in each group of valves.

The irrigation contractor shall be responsible for the installation of sleeves and conduits of sufficient size under all paved

BACKFLOW PREVENTER FEBCO #825Y-1" OR APPROVED EQUAL CONTROL VALVES TORO REMOTE CONTROL VALVE, TPV SERIES MAIN LINES 1120 SCH.40 PVC SOLVENT WELD PIPE. WITH SCH 40 PVC SOLVENT WELD FITTINGS. 18"

LATERAL LINES 1120-200 PSI PVC SOLVENT WELD PIPE WITH SCH 40 PVC SOLVENT WELD FITTINGS. 12"

1120- CLASS 200 PVC PLASTIC PIPE. 24" COVER, MIN. CONTROLLER TORO INTELLI-SENSE 24 STATION CONTROLLER. WALL MOUNT IN MECHANICAL ROOM. ET EVERYWHERE DATA SERVICE WITH TWO YEAR SUBSCRIPTION

RAIN SENSOR TORO WIRELESS RAIN SENSOR SPRAY HEADS TORO 5702 SERIES, O.A.E.

VALVE BOXES PLASTIC, BY CARSON, BLACK

HOSE BIB CHAMPION, W/ VACCUUM BREAKER GATE VALVE NIBCO, (LINESIZE)

IN-LINE EMITTER TUBING Netafin techline 0.6 g.p.h. - tldl 61201 IN-LINE FILTER TORO DRIP ZONE KIT – INCL. REMOTE CONTROL VALVE, WYE FILTER WITH 150 MESH SCREEN, AND PRESET REGULATOR/ KBI PVC BALL VALVE

Locate in-line filter, pressure regulator and valve in valve boxes.

Locate emitter discharge within the watering basin of each plant. See planting plan for exact location and size of plants to determine location of emitters. Secure above grade emitter lines to finish grade with plastic staples.

One quarter inch tubing to receive e.o.v.c. bug caps and tubing stakes at the discharge ends by 'salco'. Tubing lengths to be no greater than six feet.

In-line emitter tubing shall be installed as a continuous loop grid system. Run tubing @ 12" o.c., both ways. Install tubing on top of finish grade and under mulch. Each plant to be uniformly centered between three emitter points

In-line emitter tubing shall be installed as a continuous loop grid system. Run tubing @ 6-12" o.c., both ways. Install tubing on top of finish grade and under mulch. Each plant to be uniformly centered between three emitter points

Ring each with 2-3 loops of at least 8 emission points via distribution tubing. Refer to planting plan for location and

Ring each with 2 loops of at least 5 emission points via distribution tubing. Refer to planting plan for location and

Provide 3 emission points along in line tubing, in a triangular pattern, with all points reaching the root ball. Refer to

For 4" and1 gallon shrub shall receive 2 emission point via distribution tubing, with all points reaching the root ball. Refer to planting plan for location and quantity of shrubs.

Contractors shall warrant that the irrigation system will be free from defects in material and workmanship for a period

Contractor shall maintain a set of 'as-built' drawings throughout the construction and prepare and deliver a legible copy of the plan to the owner upon completion of the work and before final payment. The irrigation plan shall indicate locations of all underground pipes, location of sleeves, location of valves and any other information necessary for long-term maintenance of the system.

Contractor shall provide a valve schedule that includes a brief description of the area covered. One copy to go in the controller and one copy to go in the owners binder.

Contractor to provide 1 irrigation binder to the owners, at final walk through. Binder to include as-built drawing, valve \_schedule, manufacturers operating instructions and warranty and repair information.

	SUN EXPOSURE	WATER NEEDS	IRRIGATION TYPE
	FULL TO PART SUN	REGULAR	SPRAY
PERENNIALS	SHADE TO PART SUN	MEDIUM	DRIP
PERENNIALS	SHADE TO PART SUN	MEDIUM	DRIP
PERENNIALS	PART SUN/SUN	LOW	DRIP
ERENNIALS & TREES	PART SHADE	LOW	DRIP
PERENNIALS	PART SHADE	LOW	DRIP
PERENNIALS	SHADE	LOW	DRIP
ERENNIALS & TREES	PART SHADE	LOW	DRIP
ERENNIALS & TREES	SHADE	LOW	DRIP
PERENNIALS	SUN	MEDIUM	DRIP
PERENNIALS	SHADE	MEDIUM	DRIP
PERENNIALS	SUN	MEDIUM	DRIP
	SHADE	MEDIUM	DRIP
ERENNIALS & TREES	PART SUN	MEDIUM	DRIP
PERENNIALS	PART SUN	MEDIUM	DRIP
PERENNIALS	SHADE/PART SHADE	MEDIUM	DRIP



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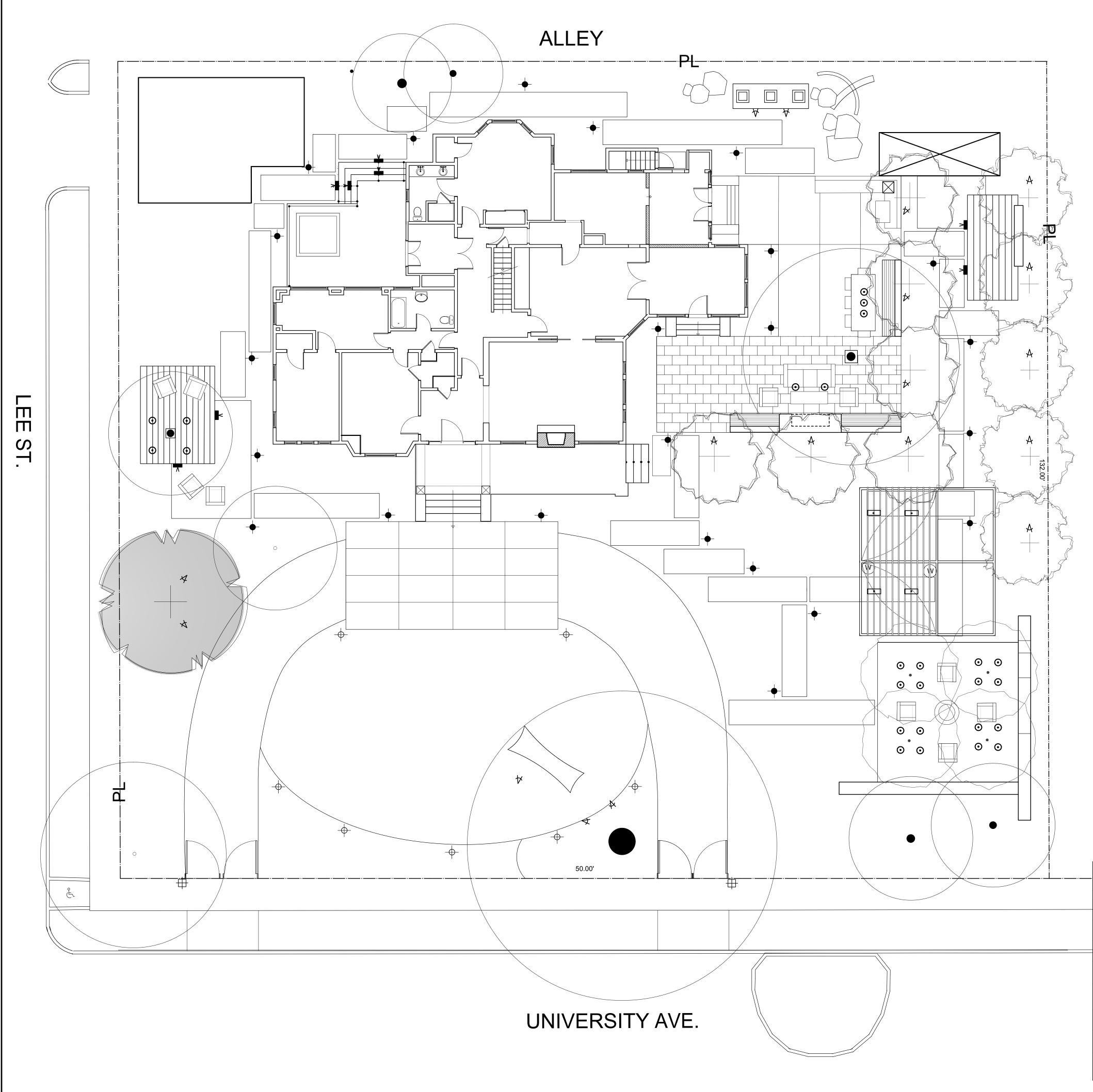
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DATE: ISSUE: 3.13.2015 BID SET 4.30.2015 HISTORIC REVIEW 6.08.2015 HISTORIC REVIEW REVISIONS

SCALE: 1/8"=1'-0"

# IRRIGATION PLAN





LANDSCAPE LIGHTING NOTES

licensed electrical contractor.

with house electrician.

LIGHTING LEGEND			
SYMBOL	QUANTITY	N/	
	23	PA	
∀	18	UP	
	4	AF	
*	8	ST	
$\phi$	7	SP	
Ο	25	HA	
+	2	GA	
$\square$	1	BB	

Contractor is responsible for installation and operation of all low voltage landscape lighting, transformers, wires and switches, as indicated on the Lighting Plan.

Contractor to install all fixtures so that source of light is shielded from off site views. Lights are to be installed with frosted lenses, baffles, and hoods, to minimize glare. Lights to be positioned for maximum screening from off-site views.

Confirm final light fixtures, bulb type and switching, prior to ordering materials and installing system. Additional lighting may be required.

Field adjustments to lighting will need to be approved by the L.A. 110 volt service, including GFCI outlets and service to transformers, to be installed by a

Do lighting work in accordance with all state and local electrical building codes in effect.

Install lighting fixtures, wiring, transformers and switches in accordance with manufacturers instructions using a hub and spoke system, if necessary.

Transformers have been sized according to manufacturer instruction. Any changes are to be approved by L.A. prior to installation.

Transformers to be operated by switches, located within the house. Confirm final wiring and switch configuration, and location of transformers and switches, with Architect and coordinate

Low voltage fixtures are to be installed after planting of trees and shrubs but before mulching.

Ground wires are to be pinned down with metal clips and covered with mulch. Lighting installation will require an evenings on-site, to adjust lights. Coordinate schedule with L.A.

Install all lights with 5' min. loop of extra wire, to allow for placement adjustment.

Lighting system to have a one-year warranty on all parts, materials and construction.

Keep as-built records of actual wire, fixture and transformer locations and deliver two sets of completed As-Built to owners, at completion of construction.

Provide owners with manufacturers information on all lighting components, replacement parts (bulb type and size, etc.) and recommended maintenance. Include this material in project binder, to be delivered to owners, at completion of project.

ME	MODEL #	FINISH	WATTAGE	
TH LIGHT	SPJ-CC24-2REC	TBD	5W	_
LIGHT	SPJ MR. UNIVERSE	MBR	3W	
				-
BOR LIGHT	SPJ-MWW1	MBR	2W	
EP LIGHT	SPJ-BCH1	TBD	2W	
READER	SPJ-13-300	TBD		
NGING TREE LIGHT	TBD			
TE LIGHT				_
Q LIGHT				



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DATE:	ISSUE:
3.13.2015	BID SET
4.30.2015	HISTORIC REVIEW
6.08.2015	HISTORIC REVIEW REVISIONS
SCALE:1/	8"=1'-0"

LIGHTING PLAN

L5.0