**CHRIS AUSTIN** PARLETTE

**BARTLETT TREE EXPERTS** 

CONTACT: LEE NACHTRIEB, ₽

(PER COUNTY)

13.7 %

**PROPOSED** 

**PROPOSED** 

SAN RAFAEL, CA 94601

WWW.BARTLETT.COM

LAND SURVEYOR: DOYLE LAWRENCE

MILLVALLEY, CA 94941

100 HELENS LANE

415 388-9598

60 HOG AVENUE

415 388-9598

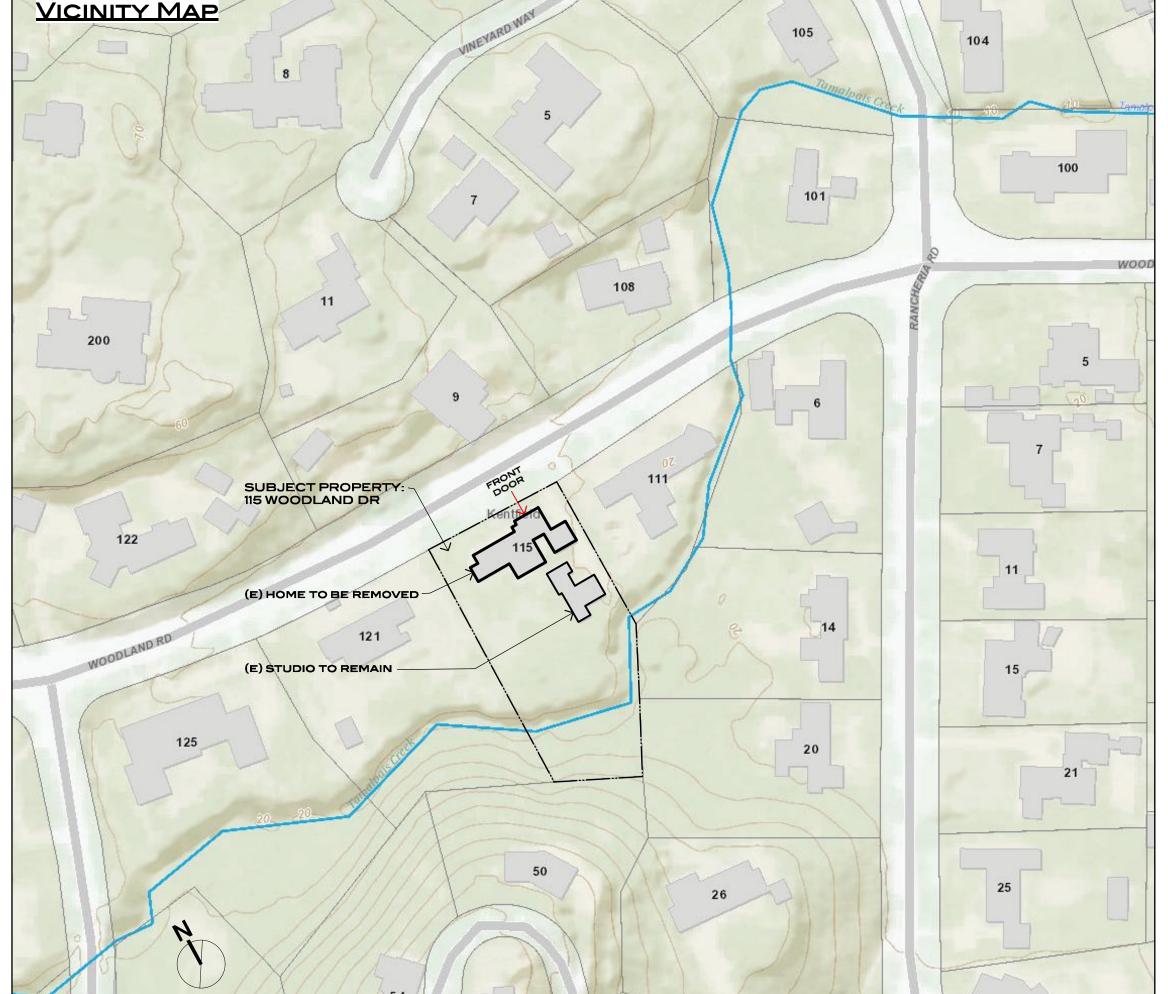














#### **CAL GREEN**

ALL NEW STRUCTURES WILL COMPLY WITH CURRENT PLANNING AND BUILDING REGULATIONS IN ADDITION TO CURRENT GREEN BUILDING PRACTICES

### **ZERO WASTE MARIN**

RECYCLE AND/OR SALVAGE FOR REUSE A MINIMUM OF 65 PERCENT OF THE NONHAZARDOUS CONSTRUCTION AND DEMOLITION WASTE IN ACCORDANCE WITH THE REPORTING STANDARDS OUTLINED BY ZERO WASTE MARIN. (CALGREEN 4.408.11)

#### **APPLICABLE CODE NOTICE:**

ALL CONSTRUCTION, REGARDLESS OF DETAILS ON PLANS, SHALL COMPLY WITH THE FOLLOWING:

- 2016 CALIFORNIA BUILDING CODE (CBC)

- 2016 CALIFORNIA FIRE CODE (CFC) - 2016 CALIFORNIA RESIDENTIAL CODE (CRC),

1&2-FAMILY DWELLINGS ONLY 2016 CALIFORNIA ELECTRICAL CODE (CEC) 2016 CALIFORNIA PLUMBING CODE (CPC),

 2016 CALIFORNIA MECHANICAL CODE (CMC), - 2016 CALIFORNIA GREEN BUILDING STANDARDS - 2016 CALIFORNIA ENERGY CODE

- MARIN COUNTY CODES & ORDINANCES - CITY OF KENTFIELD FIRE DEPARTMENT REQUIREMENTS

#### **PROJECT DESCRIPTION:**

THE REMOVAL OF AN EXISTING SINGLE FAMILY HOME AND THE CONSTRUCTION OF A NEW RESIDENCE WITH AN ATTACHED GARAGE.

THE REPAIR AND REFURBISHMENT OF AN EXISTING STUDIO (ACCESSORY BUILDING).

SITE IMPROVEMENTS INCLUDING INSTALLATION OF A NEW POOL AND HOT TUB.

DISEASED (E) TREES AND SNAGS WILL BE REMOVED. HEALTHY (E) TREES WILL BE MANAGED FOR FIRE SAFETY & TO REDUCE FUEL LOAD.

SITE WILL BE LANDSCAPED WITH NATIVE SPECIES THROUGHOUT

A NEW PAVED MCC 24.04.290 COMPLIANT DRIVEWAY APRON. CURB ANBD GUTTER SHALL BE INSTALLED IN THE COUNTY'S RIGHT-OF-WAY WITH NO EXCAVATIONS OF/INTO WOODLAND ROAD SURFACE.

DRIVEWAY APPROACHES SHALL BE CONSTRUCTED IN ACCORDANCE WITH U.C.S. DRAWING NO.

AN ENCROACHMENT PERMIT FROM MC DPW WILL BE OBTAINED PRIOR TO NEW WORK IN THE COUNTY RIGHT-OF-WAY.

#### SHEET INDEX

A0.0 COVER SHEET / PROJECT INFO A0.1 HOME OWNER ASSOCIATION APPROVAL

**CIVIL SHEETS:** TOPOGRAPHIC SURVEY GRADING & DRAINAGE PLAN UTILITY PLAN

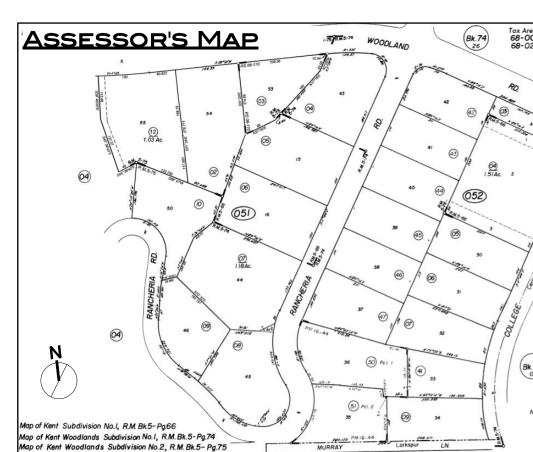
STORMWATER CONTROL PLAN

#### ARCHITECTURAL SHEETS A0.2 DEMOLITION PLAN A0.3 SITE PLAN & ROOF PLAN

ARBORIST'S TREE REMOVAL MAP ARBORIST'S TABLES, LISTS & NOTES

ARBORIST'S TREE PRESERVATION MAP PROPOSED LANDSCAPE PLAN PROPOSED LIGHTING PLAN

A1.0 PROPOSED MAIN FLOOR PLAN A2.0 PROPOSED EXTERIOR ELEVATIONS **A2.1 PROPOSED EXTERIOR ELEVATIONS** A3.0 PROPOSED BUILDING SECTIONS A4.0 PROPOSED PERSPECTIVE VIEWS A5.0 PROPOSED MATERIAL SPECIFICATIONS A6.0 (E) STUDIO PLANS & ELEVATIONS



#### STANDARDS & GUIDELINES

1. KWPOA APPROVAL OF PROJECT 12/10/19.

2. NEW LANDSCAPING WILL PROVIDE **SCREENING & SOFTENING OF NEW STRUCTURE.** 

3. REPAIR & REFURBISHMENT OF (E) REAR YARD STUDIO.

4. DRIVEWAY & DRIVEWAY APRON IN THE RIGHT-OF-WAY SHALL MEET MARIN COUNTY MUNICIPAL CODE STANDARDS + DIMENSIONS AND MCC 24.04.290 APPROACHES.

5. CWP STANDARDS: PROJECT WILL NOT ALTER RIPARIAN CORRIDORS OR WOODLANDS

6. NEW STRUCTURES WILL BE COMPATIBLE IN SCALE & MASSING PER D-17 DEVLOPMENT STANDARDS AND DESIGN GUIDELINES.

7. NEW EXTERIOR LIGHTING WILL BE MAX 30 LUMENS AND BE ALL DOWNLIGHTIND, DARK SKY DESIGN COMPATIBLE.

#### HOLDER DESIGN I ASSOCIATES 1010 SIR FRANCIS DRAKE BLVD #204 KENTFIELD, CA 94904

**PROJECT CONTACTS:** 

JOHN & SUSAN BROWNRIDGE

**CONTACT: SUSAN BROWNRIDGE** 

115 WOODLAND DR

415.203.5963

510.502.1893

KENTFIELD, CA 94904

SUZMACD@GMAIL.COM

CONTACT: CHRIS PARLETTE 510.502.1893

CHRIS@HOLDERDESIGNASSOCIATES .COM

LANDSCAPE DESIGN HOLDER DESIGN I ASSOCIATES 1010 SIR FRANCIS DRAKE BLVD #204 KENTFIELD, CA 94904 CONTACT: CHRIS PARLETTE

CHRIS@HOLDERDESIGNASSOCIATES.COM

#### STRUCTURAL ENGINEER: IASSOCIATES

1314 FOUNTAIN STREET ALAMEDA, CA 94501 CONTACT: DAVID INLOW 510.337.0623 DAVID.INLOW@IASSOCIATES.PRO

## PLANNING & ZONING DATA

115 WOODLAND ROAD, KENTFIELD ASSESOR'S PARCEL # 075-051-02

STORIES (E) & PROPOSED YEAR BUILT RSP-1 RESIDENTIAL SINGLE FAMILY PLANNED **ZONING TYPE:** LOCAL AREA: SF-3 RURAL RESIDENTIAL BLDG TYPE: **PER CBC 601.1** OCCUPANCY GROUP

43,400 SF (PER COUNTY) **TOTAL LOT AREA:** 

**AVERAGE SLOPE:** 12.9% LOT COVERAGE

MAX LOT COVERAGE

BUILDING AREA PROPOSED: SINGLE STORY HOME 1,961 SF 5,234 SF 496 SF DETACHED CARPORT + STORAGE 1,231 SF STUDIO 1,470 SF **TOTAL BUILDING AREA:** 3,927 SF 6,465 LOT COVERAGE:

FLOOR AREA RATIO

MAX FLOOR AREA RATIO:

**FLOOR AREA:** EXISTING: PROPOSED: 5,234 SF SINGLE STORY HOME: 1,231 SF 1,470 SF STUDIO -540 SF **GARAGE ALLOWANCE TOTAL FLOOR AREA:** 5,925 SF 3,578 SF

PROPOSED **SETBACKS** 30'0" FT 30'0" FT 30'0" FT SIDE YARDS 15'0" FT 15'0" FT 15'0" **REAR YARD** 

PROPOSED: **PARKING SPACES:** COVERED UNCOVERED

**FEMA FLOOD ZONE DATA:** NO W.U.I. DESIGNATED ZONE: YES BUILD-IT-GREEN POINTS: REQUIRED

MAX BLDG HT:

3,207 SF **DRIVEWAY** 806 SF **CARPORT + STORAGE** 496 SF STUDIO 1,470 SF 1,231 SF 5,234 SF HOUSE 1,961 SF PATIO 1,498 SF 3,704 SF **WALKWAYS** 154 SF **POOL+HOT TUB** 1,000 SF TOTAL 9,543 sf (22%) 12,129 SF (28%)

PERVIOUS 1 REO'D **EXISTING:** LANDSCAPING 33,857 SF (78%) 31,271 SF (72%)

**GRADING CALCULATIONS:** 

**PROPOSED** 360 CU YDS 140 CU YDS 240 CU YDS OFF HAUL

## **CALCULATED FAR:**

**BLDG LIMITATIONS:** 

50'0" CREEK SETBACK 20% OF LOT DEPTH

8.2 %

EXISTING: 18' FT

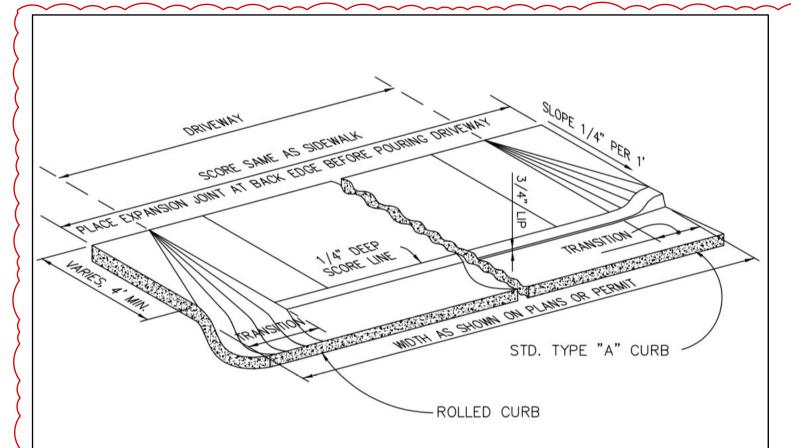
#### **LOT COVERAGE:**

**IMPERVIOUS** EXISTING: **PROPOSED** 

A0.0

**CHRIS AUSTIN** 

PARLETTE \_



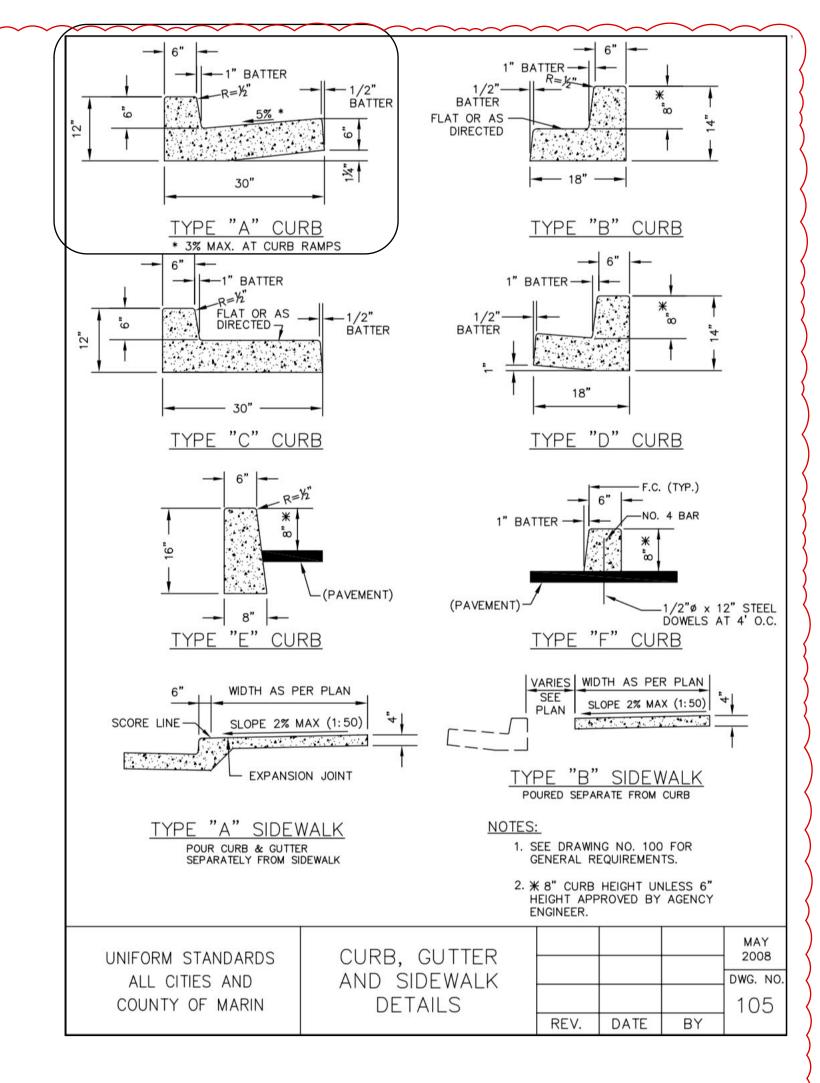
TYPE	TRANSITION WIDTH	<u>THICKNESS</u>
	FROM DRIVEWAY PROJECTION TO OUTER EDGE OF APPROACH	
RESIDENTIAL	2' MIN.	6"
COMMERCIAL	4' MIN.	8"

- 1. SEE DRAWING NO. 100 FOR GENERAL NOTES.
- 2. THIS DRIVEWAY STANDARD MAY ONLY BE USED WHERE ANY EXISTING SIDEWALKS (OR PATHWAYS) ARE LOCATED MORE THAN 48" FROM BACK OF CURB (OR EDGE OF PAVEMENT).

I REV. I DATE I BY I	ALL CITIES AND	DRIVEWAY APPROACH ROLLED CURB AND STANDARD CURB	REV.	DATE	BY	MAY 2008 DWG. N
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- EXISTING CONCRETE SHALL BE REMOVED AT EXPANSION OR WEAKENED PLANE JOINTS OR AT SAWCUTS AS FIELD MARKED BY AGENCY ENGINEER, SAWCUTS MUST GO ENTIRELY THROUGH CONCRETE.
- 2. FOR NEW DEVELOPMENT, NO UTILITY BOXES OR POLES WILL BE PERMITTED IN THE SIDEWALK AREA WITHOUT THE PRIOR WRITTEN APPROVAL OF THE AGENCY ENGINEER.
- WHERE UNDERCUT SUBGRADE OR UNSUITABLE SUBGRADE MATERIAL IS ENCOUNTERED, THE AGENCY ENGINEER MAY REQUIRE REMEDIAL WORK TO BE DONE, INCLUDING OVER EXCAVATION AND BACKFILLING WITH CRUSHED ROCK AND, WHEN DIRECTED BY THE ENGINEER, PLACING GEOTEXTILE FABRIC BENEATH THE NEW CONCRETE SECTION.
- SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% RELATIVE COMPACTION IN THE TOP SIX
- NEW WORK SHALL MATCH EXISTING AS CLOSELY AS POSSIBLE IN FINISH, SCORING AND COLOR. FOR NEW INSTALLATIONS PLACED ADJACENT TO EXISTING, 2LB. DAVIS BLACK #8084 (OR EQUIVALENT) PER CU. YD. CONCRETE SHALL BE ADDED TO MIX.
- 6. EXCEPT WHERE SPECIFIED OTHERWISE HEREIN, NO ADMIXTURES SHALL BE USED WITHOUT THE PERMISSION OF THE AGENCY ENGINEER.
- 7. FORMS SHALL MEET GRADE AND FORM FACES SHALL NOT VARY FROM THE DIMENSIONS SHOWN BY MORE THAN 1/2 INCH.
- 8. NO CONCRETE SHALL BE PLACED UNTIL THE AGENCY ENGINEER HAS INSPECTED AND APPROVED FORMS AND SUBGRADE/BASE.
- 9. SUBGRADE/BASE SHALL BE THOROUGHLY WETTED IMMEDIATELY PRIOR TO PLACING CONCRETE.
- 10. CONCRETE SHALL BE A MINIMUM CLASS B (5 SACK MIX) WITH 1 INCH MAXIMUM AGGREGATE FROM AN APPROVED MIXING PLANT. NO BAGGED MIX IS PERMITTED.
- 11. CONCRETE SHALL HAVE A SLUMP OF NOT MORE THAN FOUR INCHES.
- 12. FOR SIDEWALKS AND DRIVEWAY APPROACHES, 1/4 INCH DEEP SCORE LINES SHALL BE PLACED AT FOUR FEET ON CENTER OR AS DIRECTED BY THE AGENCY ENGINEER.
- 13. WEAKENED PLANE JOINTS AT LEAST 3/4" DEEP SHALL BE PLACED AT A MINIMUM 16 FEET ON CENTER EXCEPT FOR SIDEWALKS AND DRIVEWAY APPROACHES WHICH SHALL BE A MINIMUM 5 FEET
- 14. 3/8 INCH THICK EXPANSION JOINTS SHALL BE PLACED ON BOTH SIDES OF DRIVEWAY APPROACHES, AT CURB AND SIDEWALK RETURN POINTS, DRAINAGE STRUCTURES AND OTHER LOCATIONS AS
- 15. ALL EXPOSED EDGES SHALL BE ROUNDED WITH 1/2 INCH RADIUS TOOL.
- 16. ALL FLAT SURFACES SHALL BE LIGHT BROOM FINISHED UNLESS OTHERWISE SPECIFIED BY AGENCY
- 17. CURBS, SIDEWALKS AND DRIVEWAY APPROACHES SHALL HAVE FORMS REMOVED AND BE BACKFILLED WITHIN SEVEN DAYS AFTER POURING.
- 18. THE DESIGNATED DIMENSIONS AND SLOPES MAYBE MODIFIED TO ACCOMMODATE EXISTING ADJACENT FACILITIES SUBJECT TO THE APPROVAL OF THE AGENCY ENGINEER.

LINIEODIA CTANDADDO	REQUIREMENTS FOR				MAY
UNIFORM STANDARDS	CONCRETE CURB,				2008
ALL CITIES AND	GUTTER, SIDEWALK,				DWG. N
COUNTY OF MARIN	DRIVEWAY AND OTHER				100
	"FLATWORK"	REV.	DATE	BY	



# \AO.1

#### DRIVEWAY APRON DETAILS & SPECIFICATIONS

# PROPERTY OWNERS ASSOCIATION

December 10, 2019

Susan and John Brownridge 115 Woodland Road Kentfield, CA 94904

Subject: Changes to approved plan -115 Woodland Road

Dear Susan and John,

This letter represents KWPOA administrative approval of the architectural and site changes to approved plans based on the drawings by Holder Parlette Architects, Sheets C50 (three sheets) dated December 10, 2019.

If (1) there are any changes to the plans approved by the Architectural Committee, or (2) there are any conditions listed above that cannot be satisfied, then you must promptly notify the Architectural Committee, and you must obtain the Architectural Committee's prior written approval of all proposed changes to the approved plans. Please review the construction rules included in the attached Standard Conditions of Approval and make sure that any contractors working on your project are made aware of these rules. Any approvals required by Marin County are your responsibility.

If you have any questions or concerns, please do not hesitate to contact me at 415.721.7429 or at <u>mbarber@kwpoa.com</u>. Best of luck with your project.

Thank you,



Michael Barber Architectural Coordinator

#### **Standard Conditions of Approval**

- 1. The project shall conform to the plans listed above in this approval letter as herein conditioned. Any changes to the plans as approved by the AC must be resubmitted to the AC for approval prior to obtaining a building permit for same, with the exception of substituting native and non-pyrophytic vegetation of the same height for those indicated on the plant list. This includes changes required by Marin County Planning, Public Works, Kentfield Fire Department, MMWD, or applicant's preferences or materials providers, and changes to grading and landscaping, as well as flat work and structures.
- 2. The Applicant shall provide the AC with copies of certain plans at various times throughout the course of County review. Those plans include the following:

Plans approved by County Planning together with County approved Conditions of Approval	1 Set of reduced plans signed and dated as approved by the County	Within 5 working days of approval by the County
Plans submitted to the County of Marin Community Development Agency Building and Safety Division ('Building Division')	1 set of reduced plans as follows: Site Plan, Grading and Drainage Plans, Landscape Plans, Fuel Modification Plan, Architectural Elevations and Construction Management Plan	Simultaneously with your submission to the County
1 set of plans approved by the Building Division	1 set of reduced plans together with a copy of the permit issued	Within 5 working days of permit issuance
1 set of revised plans any time such revisions are submitted to the County	1 set of reduced plans together with a written explanation of the changes	Simultaneously with your submission to the County

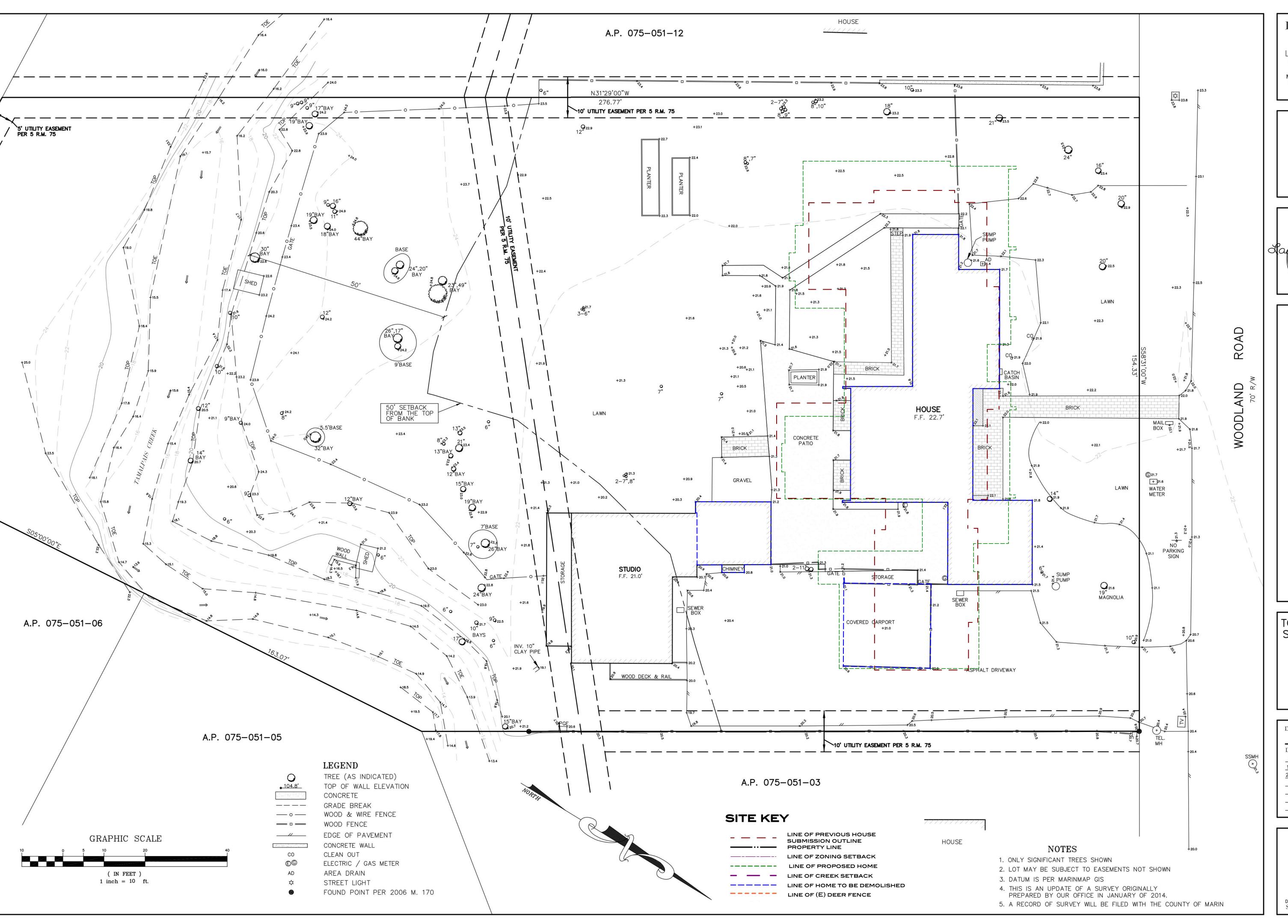
- 3. Additional approvals may be required by the County of Marin Planning Department or other agencies, and are not part of this approval. Within ten (10) days of final County approval, a set of final construction drawings (including the site plan, landscape, irrigation and lighting plans and architectural elevations) is to be provided to the AC for its official records, including a letter describing any changes required by the County or other agencies. Depending upon the nature of such changes, additional approval by the AC may be required.
- 4. While under construction, the applicant or his lead consultant shall make the site and any supporting materials available to the AC in a timely manner. Supporting materials includes any information required to document compliance with these conditions of approval. Such site visits may include intermittent site visits and a final site visit prior to final County inspection.
- 5. Construction regulations and permit approvals limit the hours for construction-related activities to between 7:30 a.m. and 5:00 p.m. Monday through Friday, 9:00 a.m. and 4:00 p.m. on Saturdays. No construction is allowed on Sundays, state or national holidays (New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day). Loud noise generating constructionrelated equipment (e.g., backhoes, generators, jackhammers) can be maintained, operated, or serviced at a construction site from 8 am to 5 pm Monday-Friday only.
- 6. Use of heavy equipment or noise-making machinery is restricted to weekdays only. The use of public streets and/or sidewalks by contractors, subcontractors or construction workers as lay down areas for materials

and/or equipment is not permitted. Portable toilets are considered to be equipment. Construction vehicles, equipment and materials shall be parked or stored to allow for safe traffic circulation on and off site.

- If existing vegetation that provides significant screening to nearby neighbors is lost due to disease, construction management requirements, techniques or accidents, or through any other means, that vegetation shall be replaced with like plantings at a ratio of 2 new for every one lost (2:1). No trees shall be removed without prior consent of the AC.
- 8. The AC reserves the right to require additional vegetative screening for up to three (3) years from project completion in order to insure compliance with required screening softening, and erosion control. A set of drawings including the site plan, landscape, irrigation and lighting plans and architectural elevations as approved by the County of Marin Planning Division and again by the Building Department, shall be submitted to KWPOA within 10 days of approval for comparison purposes with KWPOA approval.
- 9. This approval is not complete until ratified by the Board of Directors, and is subject to an appeal period of 30 days running from the date of approval.
- 10. Commencement of construction of approved work is to begin within (2) two years of the date of approval by the Board and all construction (whether based on initial approved plans or later approved changes to such plans) is to be completed within (2) two years after construction first commences (the "completion period"). The completion period may be extended for good cause upon application to the Board provided that such application is made at least 30 days prior to the expiration of the completion period. (Adopted
- 11. This approval is valid for two years from the date of approval. Failure to secure permits and begin construction within that time will nullify this approval and require resubmission of the project.
- 12. Any successor owner, with approved, unexpired plans from KWPOA, must notify the AC of the proposed construction start date. Any changes to approved plans must be submitted to the AC and corresponding fees paid.



P.O. Box 404, Kentfield, CA 94914 • Phone: 415-721-7429 • Fax: 415-721-7468 • www.kwpoa.com

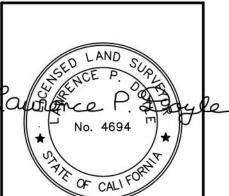


LAWRENCE DOYLE

LAND SURVEYOR CIVIL ENGINEER 100 HELENS LANE MILL VALLEY, CA 94941 415 388 9585 F 415 388 0412

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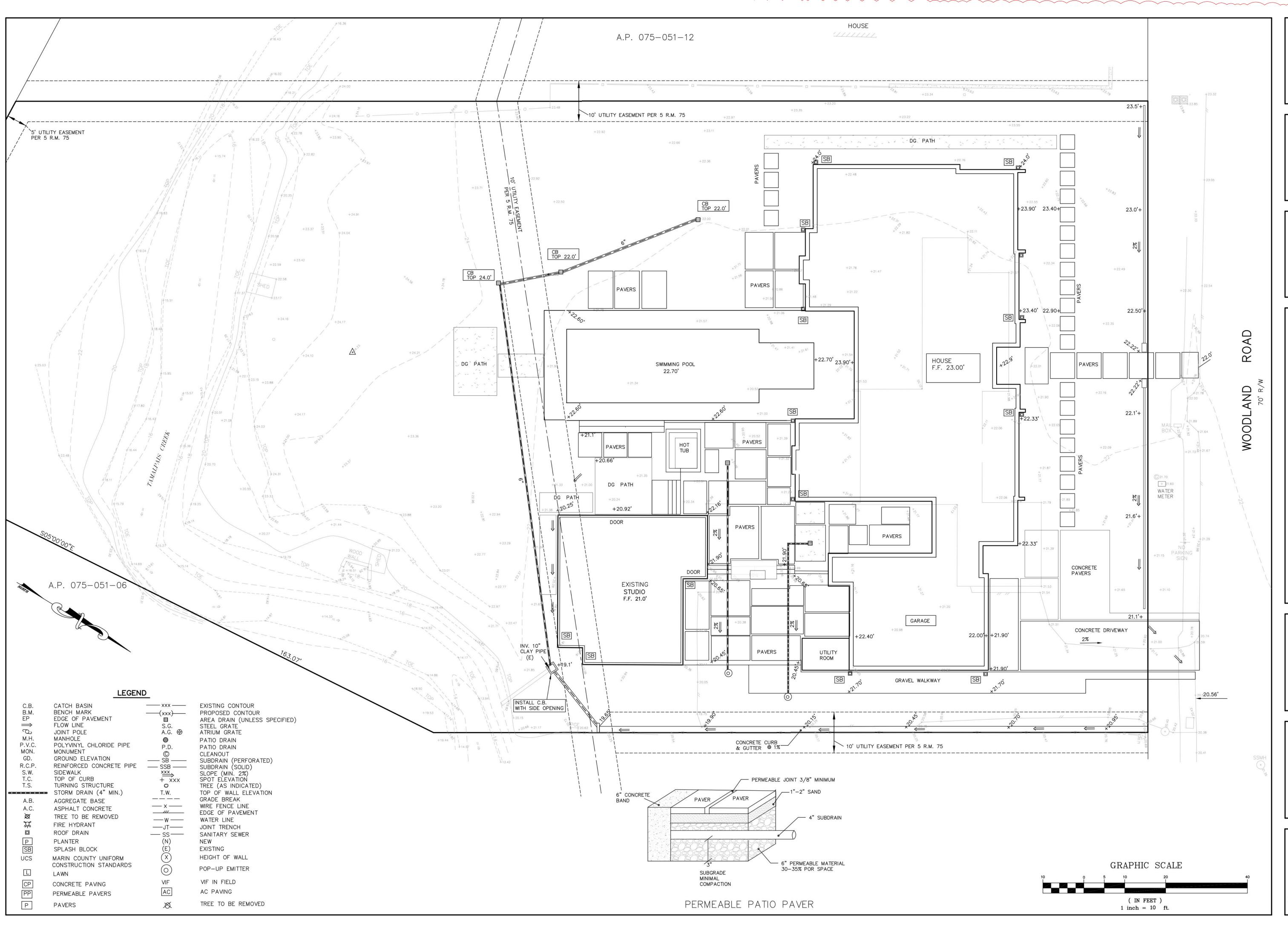


115 WOODLAND ROAD KENTFIELD CALIFORNIA A.P. 075-021-02

TOPOGRAPHIC SURVEY

C-1

DRAWING NUMBER: 2444-13
SHEET 1 OF 1



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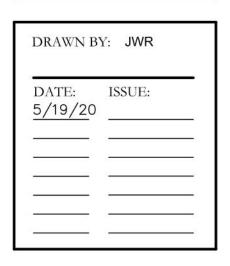
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115 WOODLAND ROAD
KENTFIELD CALIFORNIA
A P 075-021-02

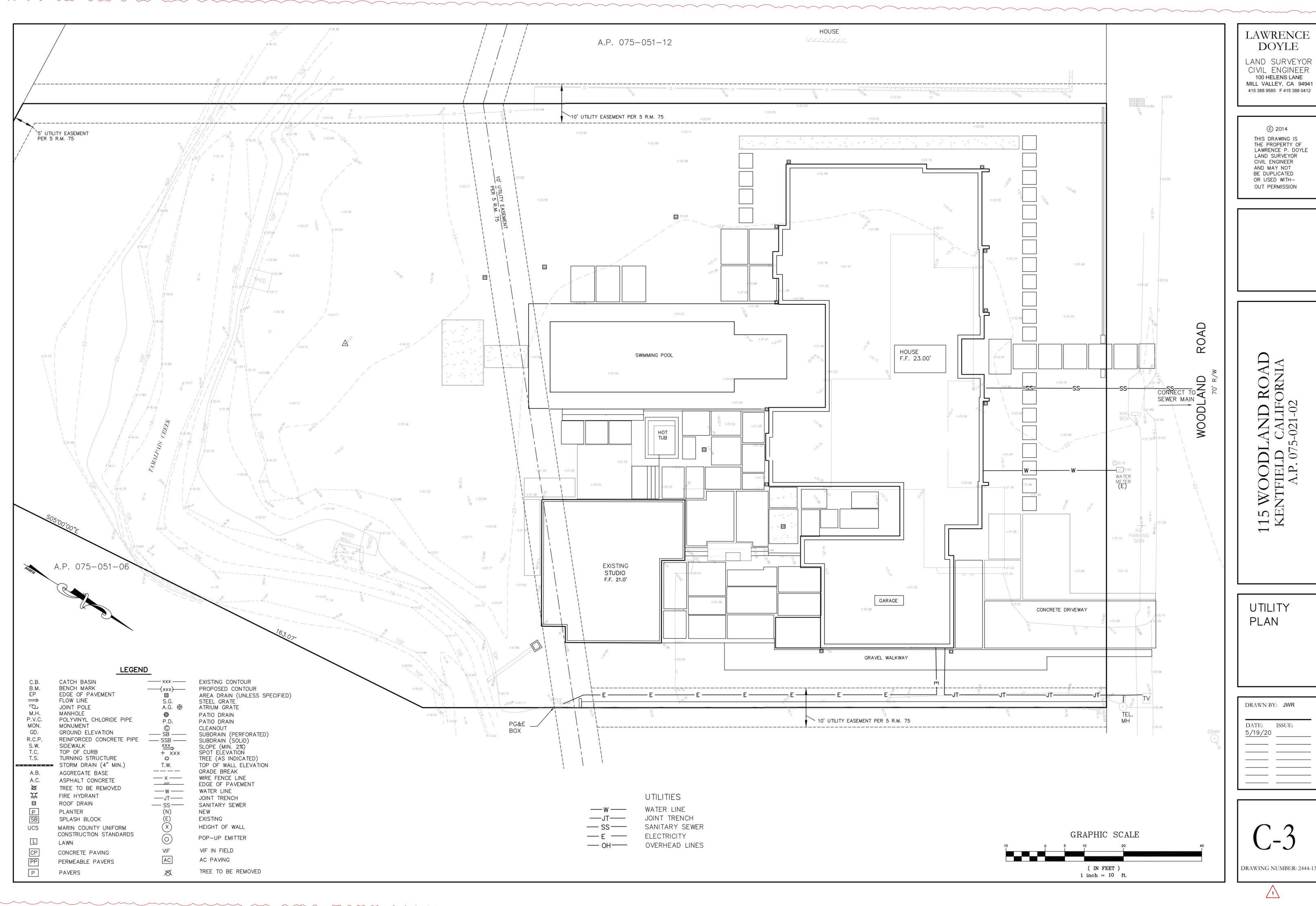
PRELIMINARY GRADING & DRAINAGE PLAN



C-2

DRAWING NUMBER: 2444-13





#### Stormwater Control Plan

BASMAA Format July 14, 2019

Project Data Form and Runoff Reduction Measure Selection

Project Name/Number	Brownridge Residence
Application Submittal Date	
Project Location	115 Woodland Road
	Kentfield, CA
	APN 075-051-02
Name of Owner or Developer	
Project Type and Description	Demolish existing single family home and construct new single family home.
	An existing studio will remain.
Total Project Site Area	0.97 acre
Total New or Replaced Impervious Surface Area	sq ft 6,725
Total Pre-Project Impervious Surface Area	sq ft 9,344 s.f.
Total Post-Project Impervious Surface Area	sq ft 10,230
Runoff Reduction Measures Selected	■ 1. Disperse runoff to vegetated area
	2. Pervious pavement
	☐ 3. Cisterns or Rain Barrels
	☐ 4. Bioretention Facility or Planter Box

Impervious Areas and Location of Runoff Reduction Measures
Drawing C-2A\_dated 05-19-2020 attached.

Brownridge Residence, 115 Woodland Road, Kentfield, CA

Page 1 of 4

#### **Runoff Reduction Options**

Option 1: Disperse runoff from roofs or pavement to vegetated areas.

This is the simplest option. Downspouts can be directed to vegetated areas adjacent to buildings, or extended via pipes to reach vegetated areas further away. Paved areas can be designed with curb cuts, or without curbs, to direct flow into surrounding vegetation.

#### On the site plan, show:

- Each impervious area from which runoff will be directed, and its square footage.
- ▼ The vegetated areas that will receive runoff, and the approximate square footage of each.
- ☑ If necessary, explain in notes on the plan how runoff will be routed from impervious surfaces to vegetated areas.

#### Confirm the following standard specifications are met:

- Tributary impervious square footage in no instance exceeds twice the square footage of the receiving pervious area.
- Roof areas collect runoff and route it to the receiving pervious area via gutters and downspouts.
- ☐ Paved areas are sloped so drainage is routed to the receiving pervious area.
- Runoff is dispersed across the vegetated area (for example, with a splash block) to avoid erosion and promote infiltration.
- ☑ Vegetated area has amended soils, vegetation, and irrigation as required to maintain soil stability and permeability.
- $\hfill\Box$  Any drain inlets within the vegetated area are at least 3 inches above surrounding grade.

#### Option 2: Permeable Pavement

This option can be easy to install and maintain, cost-effective, and can add aesthetic value to your project. Permeable pavements may include pervious concrete, pervious asphalt, porous pavers, crushed aggregate, open pavers with grass or plantings, open pavers with gravel, or solid pavers. Show on your site plan:

☑ Location, extent and types of pervious pavements.

Confirm the following standard specifications are met:

No erodible areas drain on to permeable pavement.

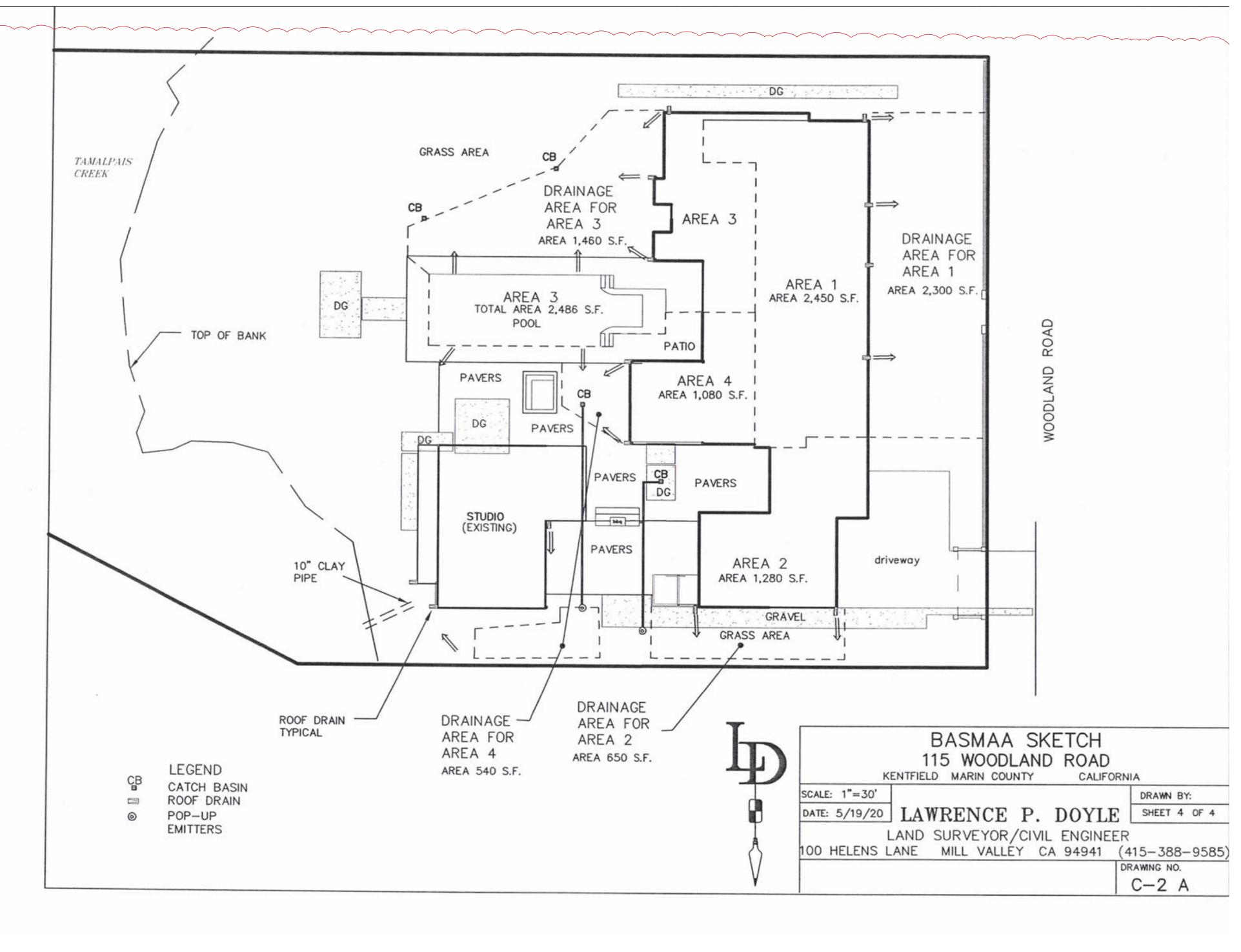
Brownridge Residence, 115 Woodland Road, Kentfield, CA

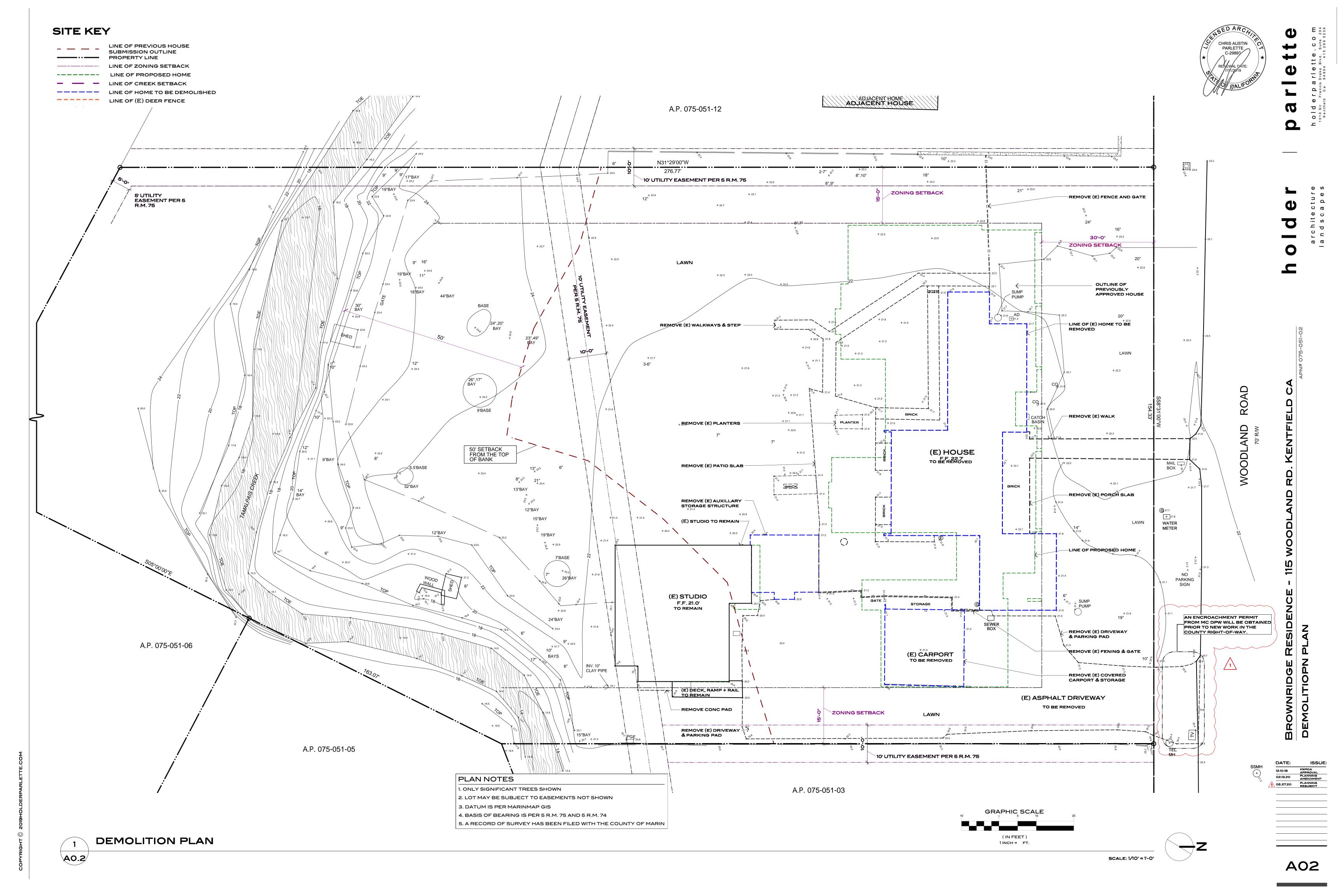
Page 2 of 4

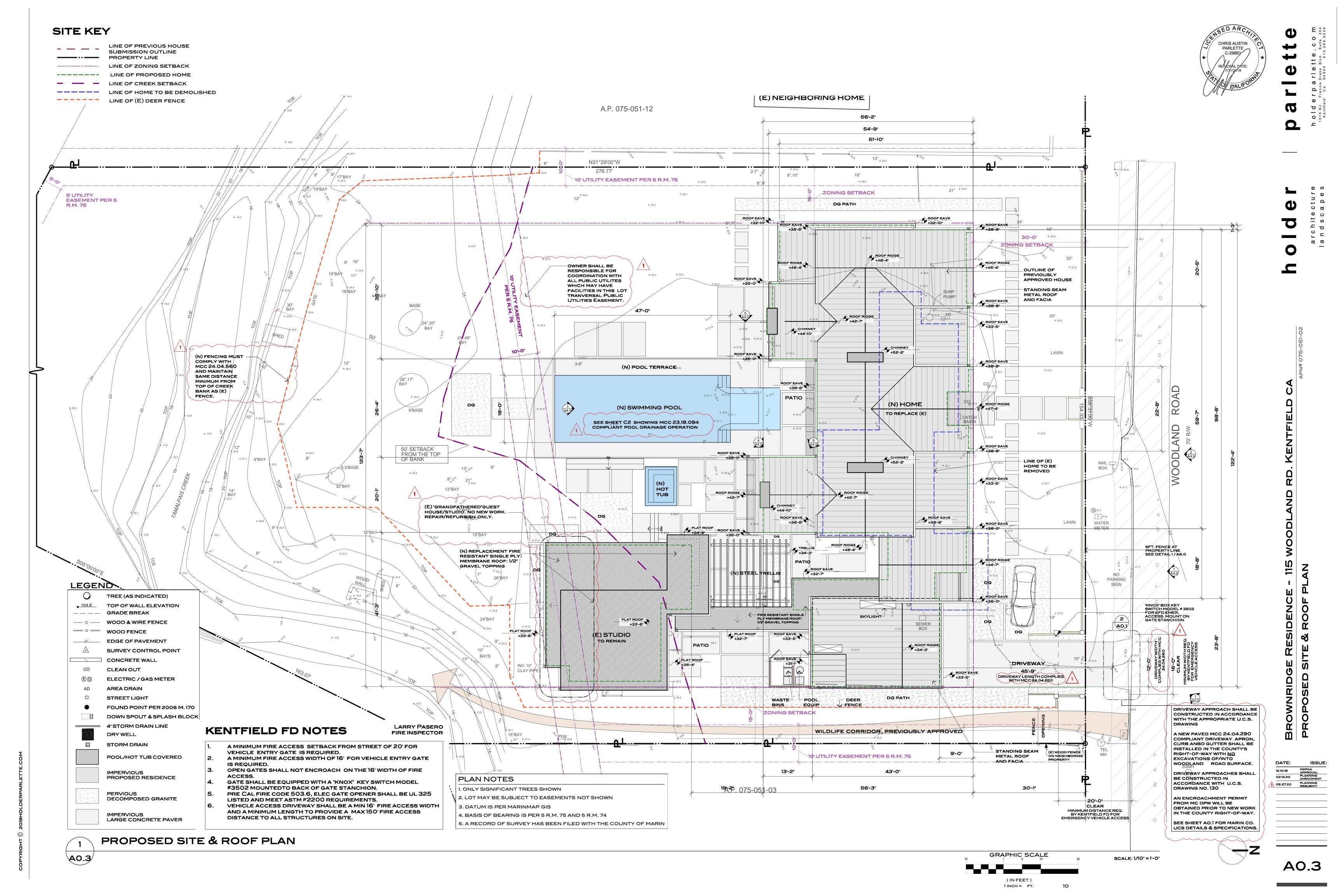
- Subgrade compaction is minimal.
- Reservoir base course is of open-graded crushed stone. Base depth is adequate to retain rainfall (3 inches is adequate) and support design loads (more depth may be required).
- No subdrain is included or, if a subdrain is included, outlet elevation is a minimum of 3 inches above bottom of base course.
- $\square$  Subgrade is uniform and slopes are not so steep that subgrade is prone to erosion.
- Rigid edge is provided to retain granular pavements and unit pavers.
- Solid unit pavers, if used, are set in sand or gravel with minimum 3/8 inch gaps between the pavers. Joints are filled with an open-graded aggregate free of fines.
- ☐ Permeable concrete or porous asphalt, if used, are installed by industry-certified professionals according to the vendor's recommendations.
- ☐ Selection and location of pavements incorporates Americans with Disabilities Act requirements (if applicable), site aesthetics, and uses.

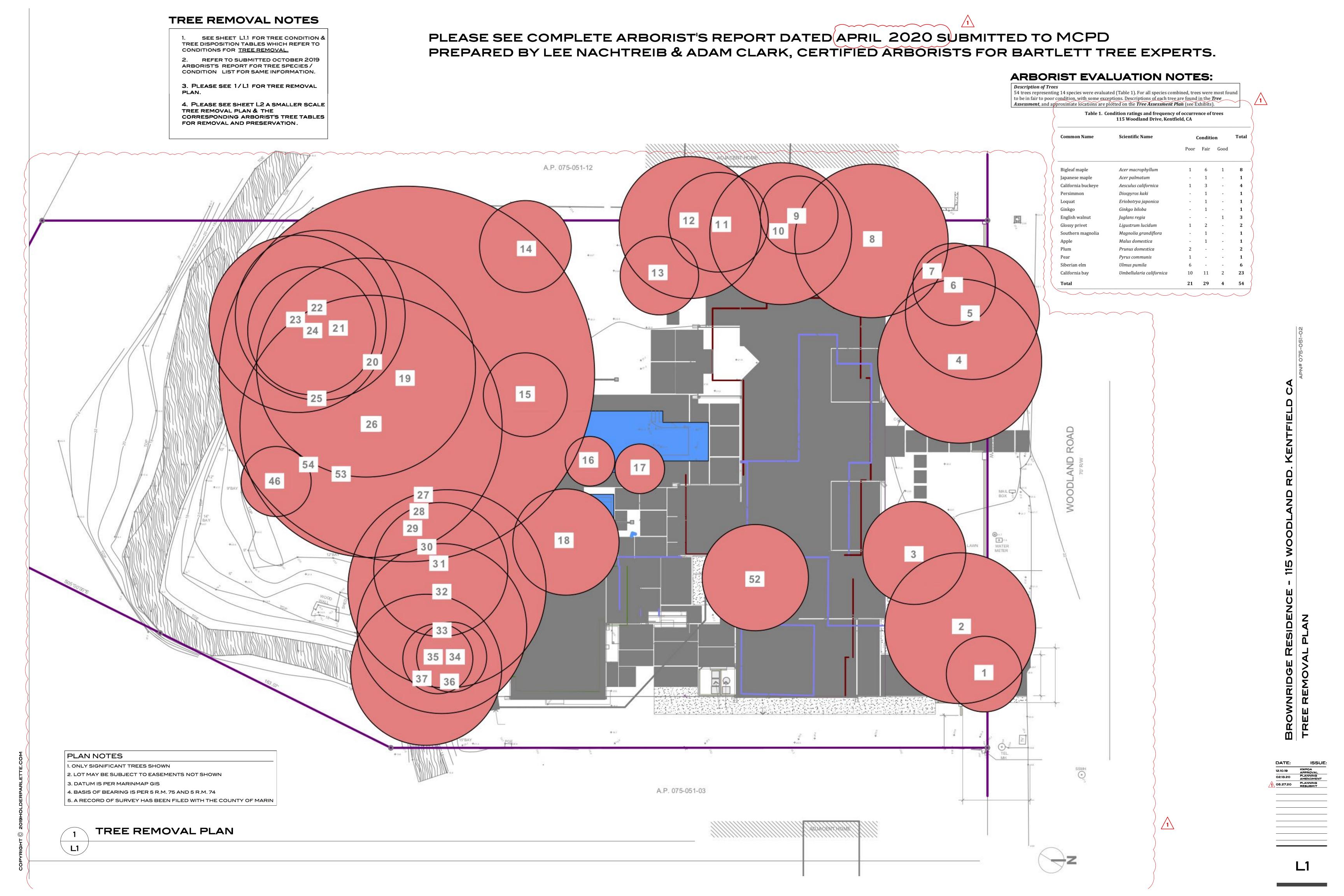
Brownridge Residence, 115 Woodland Road, Kentfield, CA

Page 3 of 4









Tree Protection Zone

#### Tree Condition 115 Woodland Road, Kentfield, CA October 2019 Moderate dieback; fair structure and form. Fair structure and form; numerous surface roots. Root collar and stem wounds; unbalanced crown. Bigleaf maple Root collar and stem wounds; slime flux. Significant dieback; unbalanced crown. Siberian elm 6 Siberian elm Significant dieback; suppressed; unbalanced crown. Stem and limb wounds; compromised stability. Siberian elm Significant dieback; fair structure and form. 9 Glossy privet Infringing on structure (wall); moderate die back. 10 Siberian elm Large broken limbs; decay throughout canopy. 11 Plum 11,8 (14) Poor Significant dieback; poor structure and form. 12 Glossy privet 10,10,8,8,6,5,4 (20) Fair Dense canopy; poor structure; wood rat nest. 9, 7, (11) 13 Loquat Fair Moderate dieback; dense canopy. 14 Plum Poor Significant dieback; poor structure; stem decay. 15 Apple 7,7,6 (12) Fair Moderate Dense canopy; fair structure and form. 16 Pear Poor Stem and limb wounds; poor form and balance. 17 Persimmon Fair Stem wound; fair structure and form. 10,8,8 (15) 18 English walnut Good structure and form; average density. 19 California bay 48,23 (53) Significant decay of root collar and stem. Low 24,20 (31) Low Significant decay of root collar; suppressed 20 California bay 21 California bay 48 Poor Low Significant stem decay; may be unstable; fungal conks. 18,13,8 (24) Poor Moderate Suppressed: unbalanced crown. 22 California buckeve Poor Cavity at root collar; no significant target. 23 California bay 24 California bay Poor Decay at root collar; unbalanced crown. Fair Deadwood over 2"; suppressed; fair structure. 25 Bigleaf maple 26 California bay 32,18 (37) Poor Significant decay with cavity at root collar. 20,13,9 (25) Yes Fair Basal wound; unbalanced crown; stable with pruning. 27 California buckeye Fair Low live crown ratio; root collar co-occupied with #27. 28 California bay 13 Fair Dense canopy; low live crown ratio; good root collar. 29 California bay Fair 30 California bay 14 Dense canopy; suppressed; stable with pruning. 31 California bay 19 Fair Moderate dieback; low live crown ratio. 27,8 (28) Large stem cavity; unbalanced crown. 32 California bay Poor 33 California bay Fair Sound stem and root collar; good structure and form. Poor 34 California bay Unbalanced canopy; leaning over building. 35 California bay Poor Low Unbalanced canopy; leaning over building. 36 California bay Good Dense canopy; good young tree. 37 California bay Fair Moderate Malformed root collar; leaning over neighbor's backyard. High Good young tree. 38 California bay Good 39 California bay Fair Moderate dieback; ivy; sound stem and root collar. 40 California buckeye Fair Suppressed; fair structure and form. Good Moderate Good structure and form 41 Bigleaf maple Fair Branch tear-out wound; fair structure and form. 42 Glossy privet 43 California buckeye Fair Suppressed; root collar wound. 44 Bigleaf maple Fair Moderately suppressed; leaning; no significant target. 45 Bigleaf maple Fair Fair structure and form; suppressed.. 46 California bay Significant root collar decay with cavity. Fair 47 Bigleaf maple Low live crown ratio; average density. 48 Bigleaf maple Suppressed; low live crown ratio. 49 California bay Stem decay with cavity; dense canopy; no significant target. Moderate dieback; fair structure and form. 50 California bay 51 California bay 17,10,10,9 (24) High Unbalanced canopy; decay at base of stems over creek. 12,10 (16) Fair Low Moderate dieback; included bark. 52 Japanese maple 53 California bay 33 High Fair structure and form; sound stem and root collar.

Tree#SpeciesTrunk Diameter(s)Tree?DispositionComments1Ginkgo11NoRemoveWithin grading2Southern magnolia21NoRemoveWithin grading3Bigleaf maple14NoRemoveWithin grading; poor condition4Siberian elm24NoRemovePoor condition	ı
1Ginkgo11NoRemoveWithin grading2Southern magnolia21NoRemoveWithin grading3Bigleaf maple14NoRemoveWithin grading; poor condition	ı
2 Southern magnolia 21 No Remove Within grading 3 Bigleaf maple 14 No Remove Within grading; poor condition	ı
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5 Siberian elm 21 No Remove Poor condition	
6 Siberian elm 17 No Remove Within grading; poor condition	l .
7 Siberian elm 26 No Remove Within grading; poor condition	
8 Siberian elm 22 No Remove Within grading; poor condition	
9 Glossy privet 11 No Remove Within grading; poor condition	
10 Siberian elm 20 No Remove Within grading; poor condition	
11 Plum 11,8 (14) No Remove Within grading; poor condition	
12 Glossy privet 10,10,8,8,6,5,4 (20) No Remove Within grading	
13 Loquat 9, 7, (11) No Remove Within grading	
14 Plum 13 No Remove Poor condition	
15 Apple 7,7,6 (12) No Remove Within grading	
16 Pear 7 No Remove Within grading	
17 Persimmon 7 No Remove Within grading	
18 English walnut 10,8,8 (15) No Remove Within grading	
19 California bay 48,23 (53) No Remove Within grading; poor condition	I.
20 California bay 24,20 (31) No Remove Poor condition	
21 California bay 48 No Remove Poor condition	
22 California buckeye 18,13,8 (24) No Remove Poor condition	
23 California bay 25 No Remove Poor condition	
24 California bay 18 No Remove Poor condition	
25 Bigleaf maple 12 Yes Remove At owners request	
26 California bay 32,18 (37) No Remove Poor condition	
27 California buckeye 20,13,9 (25) Yes Remove At owners request	
28 California bay 14 Yes Remove At owners request	
29 California bay 13 Yes Remove At owners request	
30 California bay 14 Yes Remove At owners request	
31 California bay 19 Yes Remove Within grading	
32 California bay 27,8 (28) No Remove Within grading; poor condition 33 California bay 24 Yes Remove Within grading	l
34 California bay 10 No Remove Within grading; poor condition	
35 California bay 10 No Remove Within grading; poor condition	l
36 California bay 9 No Remove Within grading	
37 California bay 21 Yes Remove Within grading	
38 California bay 7 No Preserve Riparian significance 39 California bay 18 Yes Preserve Riparian significance	
39 California bay 18 Yes Preserve Riparian significance 40 California buckeye 7 No Preserve Component of stand	
41 Bigleaf maple 17 Yes Preserve Component of stand	
42 Glossy privet 11 No Preserve Component of stand	
43 California buckeye 7 No Preserve Component of stand	
44 Bigleaf maple 14 Yes Preserve Riparian significance	
45 Bigleaf maple 13 Yes Preserve Riparian significance	
46 California bay 10 No Remove Poor condition	
47 Bigleaf maple 8 No Preserve Riparian significance	
48 Bigleaf maple 11 Yes Preserve Riparian significance	
49 California bay 31 Yes Preserve Riparian significance	
50 California bay 21 Yes Preserve Riparian significance	
51 California bay 17,10,10,9 (24) Yes Preserve Riparian significance	
52 Japanese maple 12,10 (16) No Remove Within grading	
53 California bay 33 Yes Remove At owners request	
54 Bigleaf maple 9 No Remove At owners request	

# PLEASE SEE COMPLETE REVISED ARBORIST'S REPORT DATED APRIL 2020 SUBMITTED TO MCPD PREPARED BY LEE NACHTREIB & ADAM CLARK, CERTIFIED ARBORISTS FOR BARTLETT TREE EXPERTS.

Description of Tree

54 trees representing 14 species were evaluated (Table 1). For all species combined, trees were most found to be in fair to poor condition, with some exceptions. Descriptions of each tree are found in the *Tree Assessment*, and approximate locations are plotted on the *Tree Assessment Plan* (see Exhibits).

#### CONDITIONS & FREQUENCY TABLE

Table 1. Condition ratings and frequency of occurrence of trees 115 Woodland Drive, Kentfield, CA

Common Name	Scientific Name	Condition		Total	
		Poor	Fair	Good	
Bigleaf maple	Acer macrophyllum	1	6	1	8
Japanese maple	Acer palmatum	-	1	-	1
California buckeye	Aesculus californica	1	3	-	4
Persimmon	Diospyros kaki	-	1		1
Loquat	Eriobotrya japonica	-	1	-	1
Ginkgo	Ginkgo biloba	-	1	-	1
English walnut	Juglans regia	-	-	1	3
Glossy privet	Ligustrum lucidum	1	2	-	2
Southern magnolia	Magnolia grandiflora	-	1	-	1
Apple	Malus domestica	-	1	-	1
Plum	Prunus domestica	2	-	-	2
Pear	Pyrus communis	1	-	-	1
Siberian elm	Ulmus pumila	6	-	-	6
California bay	Umbellularia californica	10	11	2	23
Total		21	29	4	54

#### TABLES & MAPS NOTES:

- 1. PLEASE SEE COMPLETE REVISED ARBORIST'S REPORT DATED APRIL 2020
- PREPARED BY LEE NACHTREIB & ADAM CLARK ISA CERTIFIED ARBORISTS FOR BARTLETT TREE EXPERTS
- 2. PLEASE SEE 1/L1 FOR TREE REMOVAL PLAN
- 3. PLEASE SEE 1/L2 FOR TREE PRESERVATION PLAN.

#### TREE PRESERVATION & PREPARATION NOTES

#### Tree Protection Zone

- 1. **A Tree Protection Zone** shall be identified for trees to be preserved. The **Tree Protection Zone** shall be a circle around the tree with a radius of 10 feet.
- Fence all trees to be retained to completely enclose the TREE PROTECTION ZONE prior to demolition, grubbing or grading. Fences shall be 6 ft. chain link with posts sunk into the ground or equivalent as approved by the City.
- 3. Fences must be installed prior to beginning demolition and must remain until construction is complete.
- 4. No grading, excavation, construction or storage or dumping of materials shall occur within the TREE PROTECTION ZONE.
- 5. No underground services including utilities, sub-drains, water or sewer shall be placed in the **TREE PROTECTION ZONE**.

#### Design recommendations

- 1. Any changes to the plans affecting the trees should be reviewed by the Consulting Arborist with regard to tree impacts. These include, but are not limited to, site plans, improvement plans, utility and drainage plans, grading plans, landscape and irrigation plans, and demolition plans.
- Plan for tree preservation by designing adequate space around trees to be preserved. This is the TREE
  PROTECTION ZONE: No grading, excavation, construction or storage of materials should occur within that
  zone. Route underground services including utilities, sub-drains, water or sewer around the TREE
  PROTECTION ZONE.
- Tree Preservation Guidelines prepared by the Consulting Arborist, which include specifications for tree
  protection during demolition and construction, should be included on all plans.
- 4. Any herbicides placed under paving materials must be safe for use around trees and labeled for that use.
- As trees withdraw water from the soil, expansive soils may shrink within the root area. Therefore, foundations, footings and pavements on expansive soils near trees should be designed to withstand differential displacement.

#### Pre-demolition and pre-construction treatments and recommendations

- The demolition and construction superintendents shall meet with the Consulting Arborist before beginning work to review all work procedures, access routes, storage areas, and tree protection measures.
- Fence all trees to be retained to completely enclose the Tree Protection Zone prior to demolition, grubbing or grading. Fences shall be 6 ft. chain link. Fences are to remain until all grading and construction is completed.
- Fences are to remain until all grading and construction is completed. Where demolition must occur close
  to trees, such as removing curb and pavement, install trunk protection devices such as winding silt sock
  wattling around trunks or stacking hay bales around tree trunks.
- 4. Structures and underground features to be removed within the **TREE PROTECTION ZONE** shall use equipment that will minimize damage to trees above and below ground, and operate from outside the **TREE PROTECTION ZONE**. Tie back branches and wrap trunks with protective materials to protect from injury as directed by the Project arborist. The Project arborist shall be on-site during all operations within the **TREE PROTECTION ZONE** to monitor demolition activity.
- 5. All tree work shall comply with the Migratory Bird Treaty Act as well as California Fish and Wildlife code 3503-3513 to not disturb nesting birds. To the extent feasible tree pruning and removal should be scheduled outside of the breeding season. Breeding bird surveys should be conducted prior to tree work. Qualified biologists should be involved in establishing work buffers for active nests.

#### TREE PROTECTION & MAINTENANCE NOTES

#### Recommendations for tree protection during construction

1. Any approved grading, construction, demolition or other work within the **TREE PROTECTION ZONE** should be monitored by the Consulting Arborist.

or other protection devices may not be relocated or removed without permission of the Consulting

- All contractors shall conduct operations in a manner that will prevent damage to protected trees.
   Tree protection devices are to remain until all site work has been completed within the work area. Fences
- Construction trailers, traffic and storage areas must remain outside TREE PROTECTION ZONE at all times.
   Any root pruning required for construction purposes shall receive the prior approval of and be
- supervised by the Project Arborist. Roots should be cut with a saw to provide a flat and smooth cut.

  Removal of roots larger than 2" in diameter should be avoided.
- 6. If roots 2" and greater in diameter are encountered during site work and must be cut to complete the construction, the Project Arborist must be consulted to evaluate effects on the health and stability of the tree and recommend treatment.
- 7. Prior to grading or trenching, trees may require root pruning outside the **TREE PROTECTION ZONE.** Any root pruning required for construction purposes shall receive the prior approval of, and be supervised by, the Project Arborist
- Project Arborist.

  8. Spoil from trench, footing, utility or other excavation shall not be placed within the **TREE PROTECTION ZONE**, neither temporarily nor permanently.
- 9. All grading within the dripline of trees shall be done using the smallest equipment possible. The equipment shall operate perpendicular to the tree and operate from outside the **TREE PROTECTION ZONE**. Any modifications must be approved and monitored by the Consulting Arborist.
- If injury should occur to any tree during construction, it should be evaluated as soon as possible by the
  Consulting Arborist so that appropriate treatments can be applied.
- 11. No excess soil, chemicals, debris, equipment or other materials shall be dumped or stored within the **TREE PROTECTION ZONE**.

#### Maintenance of impacted trees

Our procedures included assessing trees for observable defects in structure. This is not to say that trees without significant defects will not fail. Failure of apparently defect-free trees does occur, especially during storm events. Wind forces, for example, can exceed the strength of defect-free wood causing branches and trunks to break. Wind forces coupled with rain can saturate soils, reducing their ability to hold roots, and blow over defect-free trees. Although we cannot predict all failures, identifying those trees with observable defects is a critical component of enhancing public safety.

Furthermore, trees change over time. Our inspections represent the condition of the tree at the time of inspection. As trees age, the likelihood of failure of branches or entire trees increases. Annual tree inspections are recommended to identify changes to tree health and structure. In addition, trees should be inspected after storms of unusual severity to evaluate damage and structural changes. Initiating these inspections is the responsibility of the client and/or tree owner.

Preserved trees will experience a physical environment different from that pre-development. As a result, tree health and structural stability should be monitored. Occasional pruning, fertilization, mulch, pest management, replanting and irrigation may be required. In addition, provisions for monitoring both tree health and structural stability following construction must be made a priority.

DATE: ISSUE:

12.10.19 KWPOA
APPROVAL

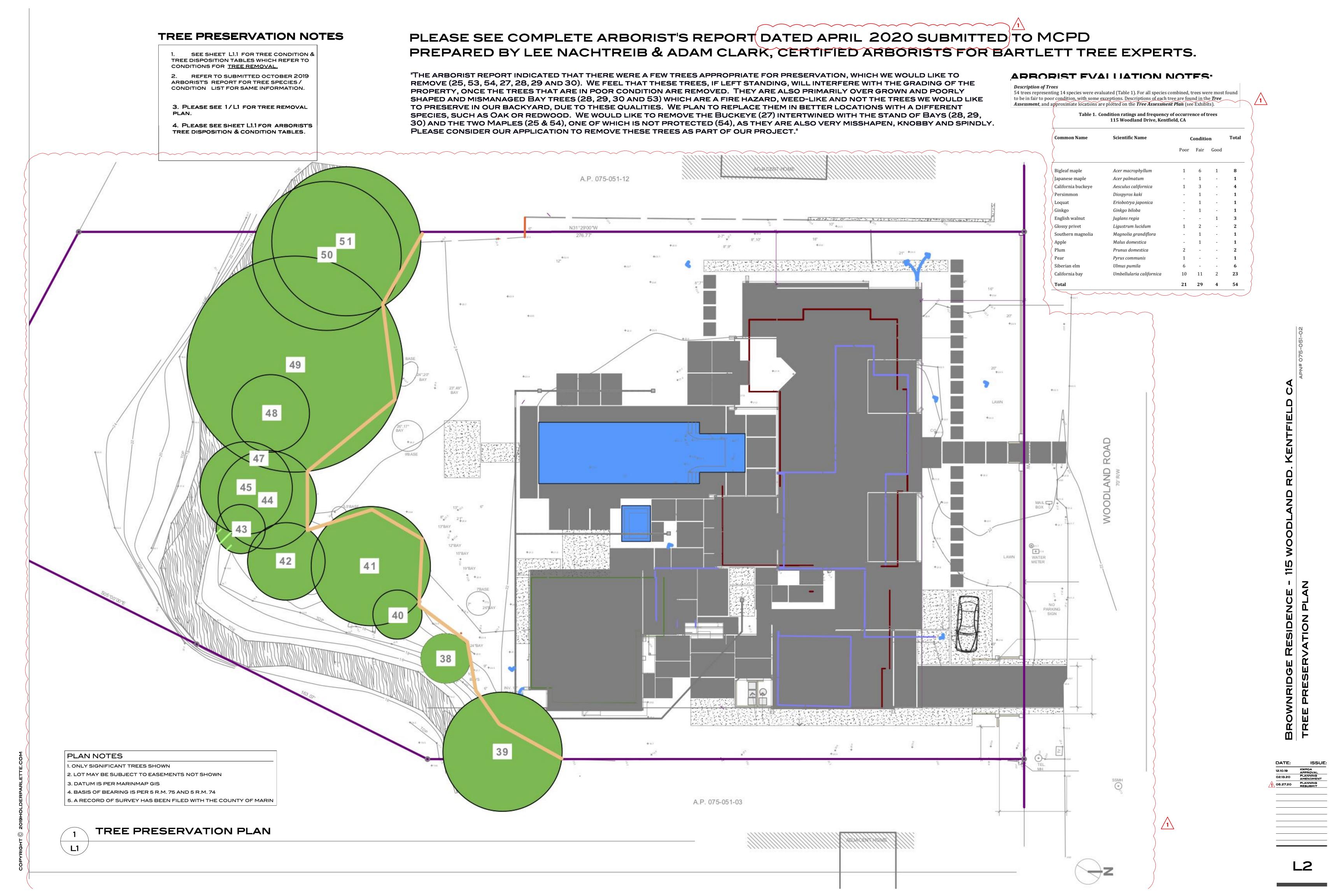
12.13.20 PLANNING
AMENDMENT

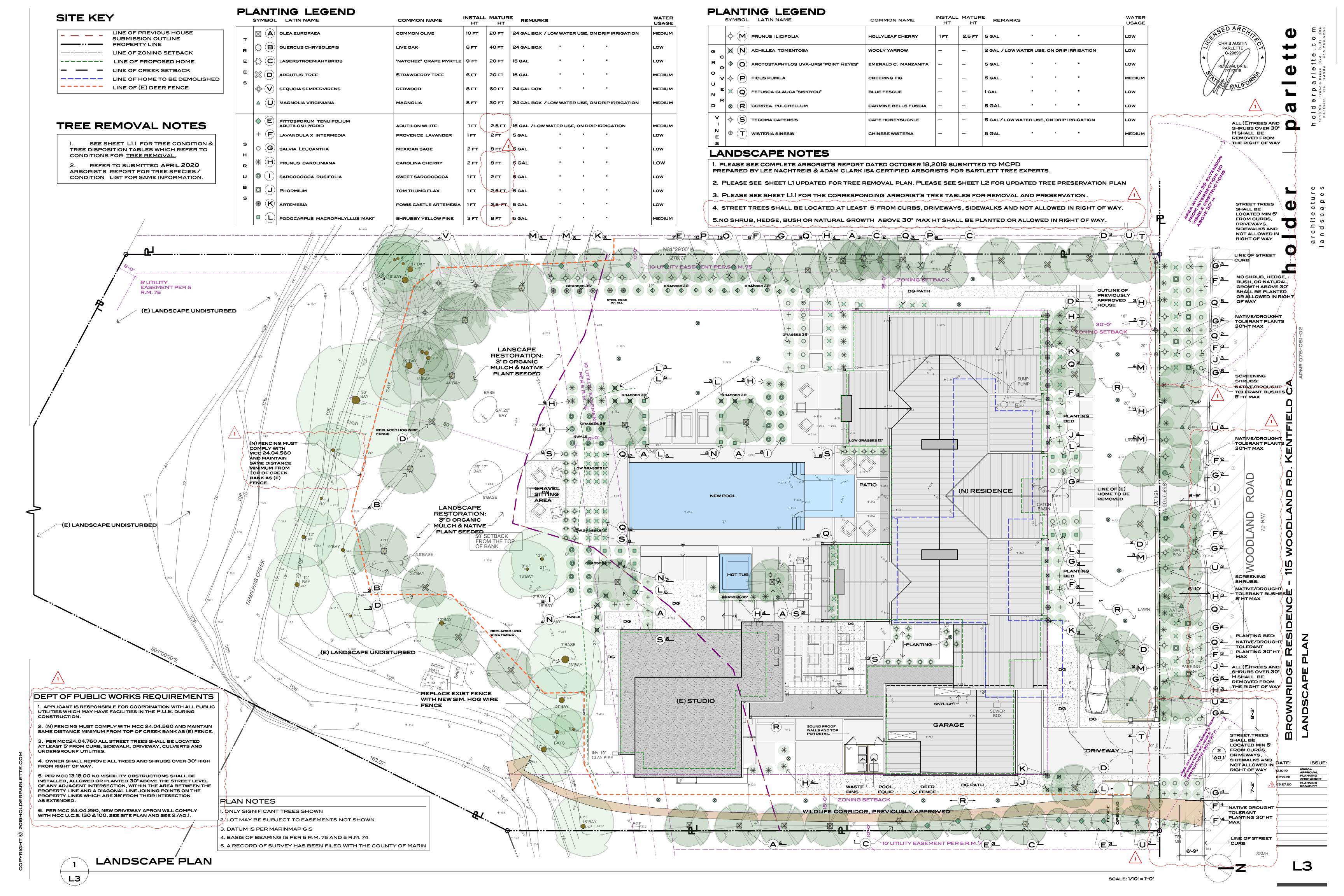
12.10.19 PLANNING
RESUBMIT

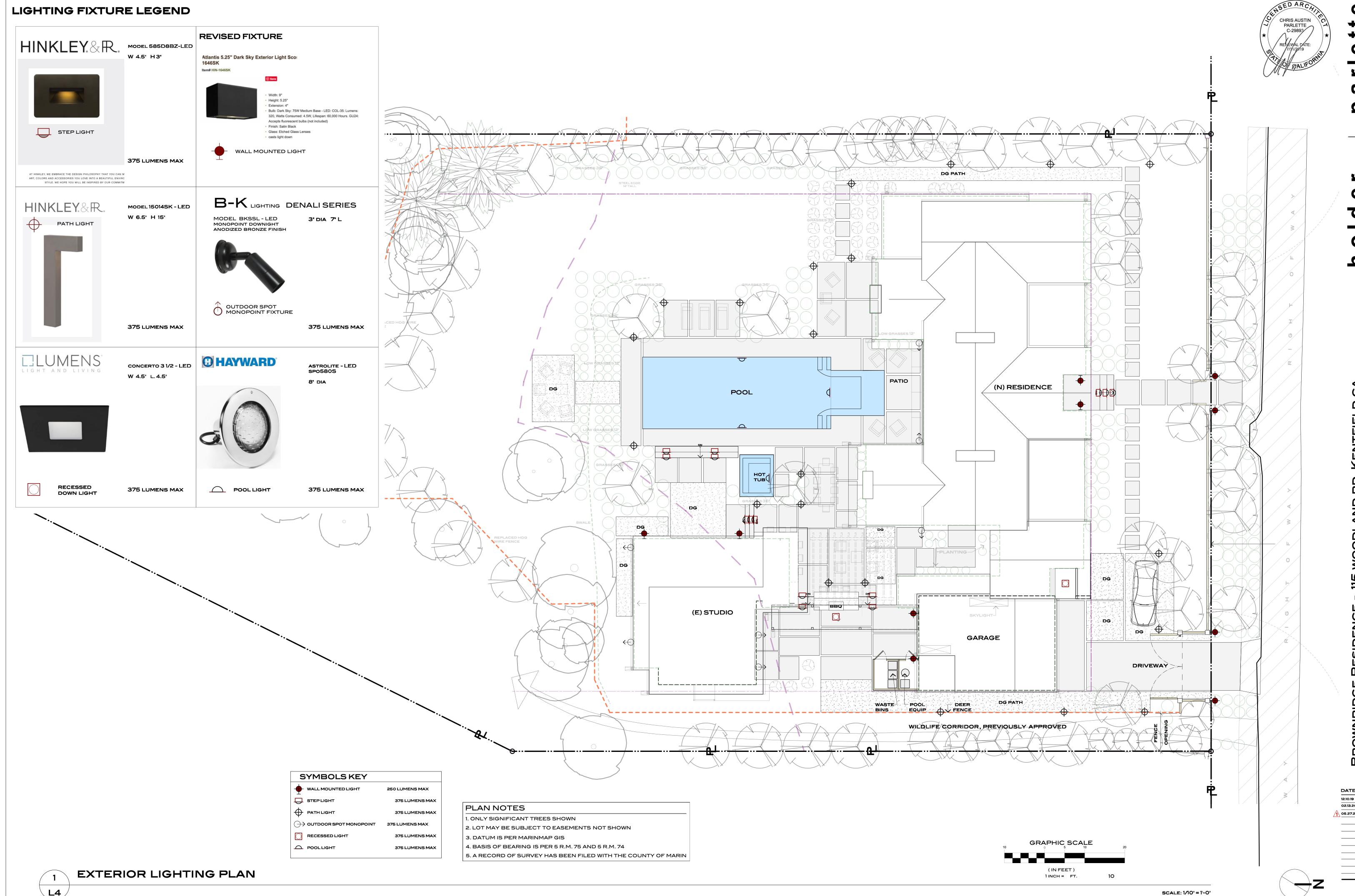
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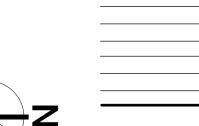
54 Bigleaf maple

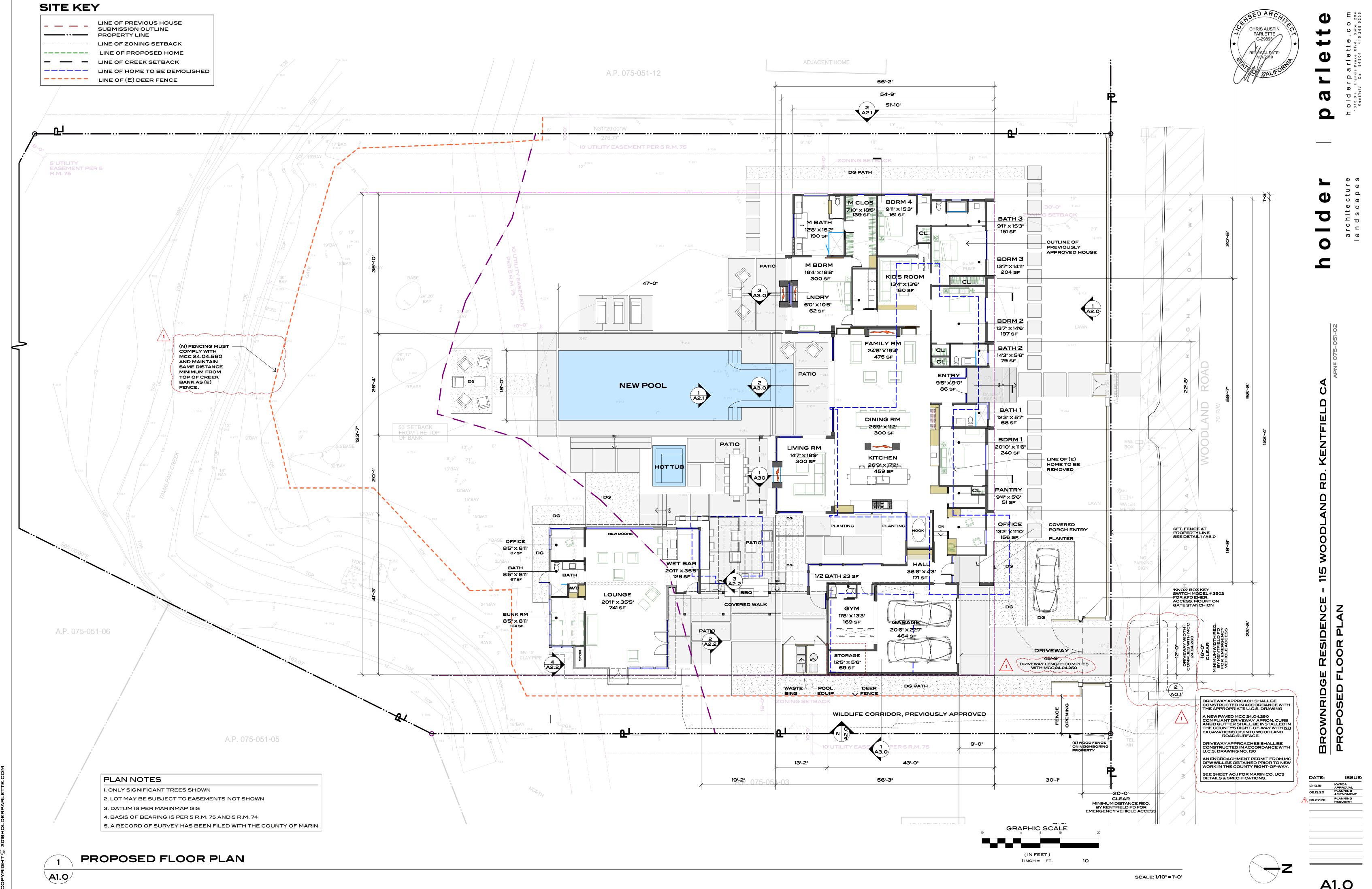
Fair structure and form; sound stem and root collar.









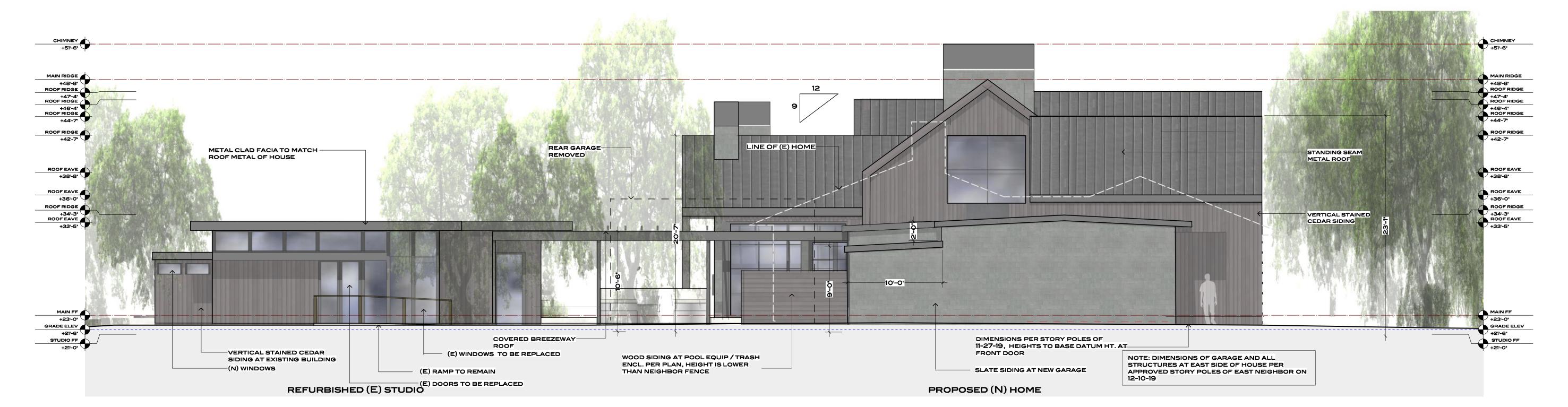


A2.0



NORTH ELEVATION

A2.0 SCALE: 3/16" = 1'-0"



A2.0

ROOF EAVE +36'-0" ROOF RIDGE +34'-3" ROOF EAVE +33'-5"

MAIN FF +23'-0" GRADE ELEV +21'-6" STUDIO FF +21'-0"

METAL CLAD FACIA TO MATCH ROOF
METAL OF HOUSE

SCALE: 3/16" = 1'-0"

SCALE: 3/16" = 1'-0"

METAL CLAD FACIA TO MATCH ROOF METAL OF HOUSE

REMOVED OVERHANG AT (E) STUDIO

NEW ALUM. DOORS AND SIDING AT EXISTING BUILDING

VERTICAL STAINED CEDAR SIDING AT EXISTING BUILDING

A2.1/

SOUTH ELEVATION

MAIN FF +23'-0" GRADE ELEV +21'-6" STUDIO FF +21'-0"

+48-8'
ROOF RIDGE
+47-4'
ROOF RIDGE
+46'-4'
ROOF RIDGE
+44'-7'

#23'-0"

GRADE ELEV

+21'-6"

STUDIO FF

+21'-0"

A2.1

EAST ELEVATION

STANDING SEAM METAL ROOF

WOOD FACIA TO MATCH SIDING

VERTICAL STAINED CEDAR SIDING

ROOF EAVE

+36'-0'

ROOF RIDGE

+34'-3"
ROOF EAVE

+33'-5"

METAL FASCIA, GUTTER

LINE OF (E) HOME

- SLATE SIDING

SOLAR PV PANELS

LINE OF (E) HOME

SLATE CLADDING AT FIREPLACES

ALUM. WINDOWS AND DOORS

SECTION THRU ENTRY AND GREAT ROOM

A3.0

+51'-6" ROOF EAVE +38'-8" +38'-8" LOFT LOFT ROOF EAVE
+36-0"
ROOF RIDGE
+34-3"
ROOF EAVE
+33-5" ROOF RIDGE +34'-3" ROOF EAVE +33'-5" ENTRY/GREAT ROOM KID'S ROOM GARAGE BEDROOM 1 KITCHEN MAIN FF +23'-0" GRADE ELEV +21'-6" STUDIO FF +21'-0" MAIN FF +23'-0"

A3.0

SECTION @ MAIN ROOF RIDGE

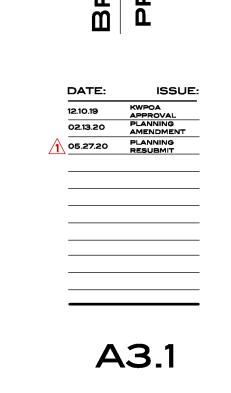
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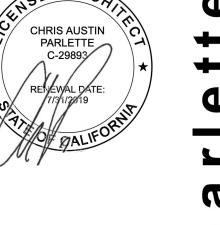
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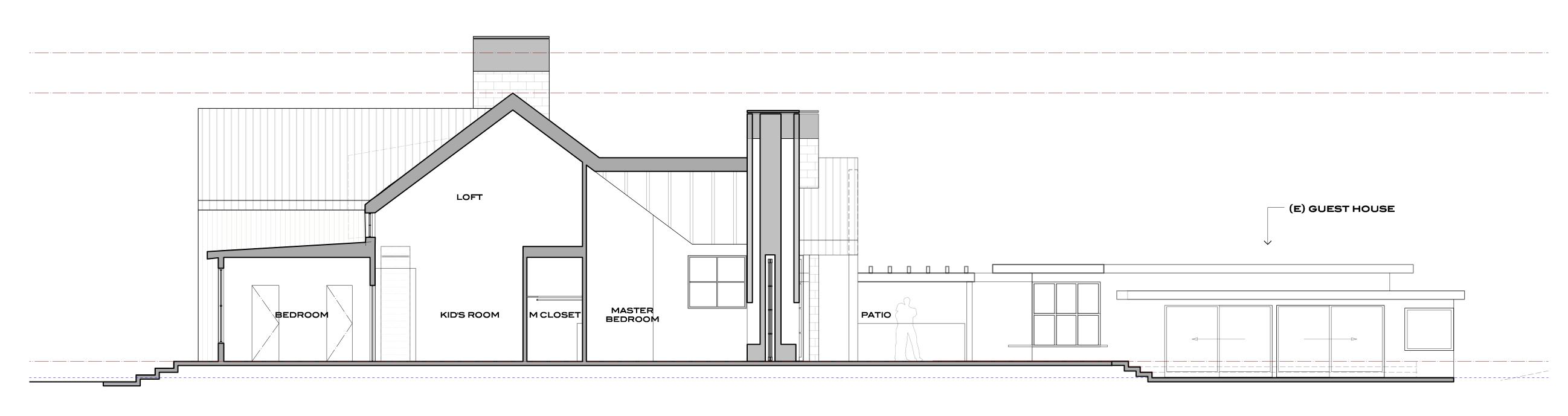
A3.0

SCALE: 3/16" = 1'-0"

SCALE: 3/16" = 1'-0"









SECTION THRU KITCHEN

A3.0



NOTE THIS FENCE IS ON NEIGHBOR PROPERTY



1 VIEW OF PROPOSED STREET ENTRANCE

STAINED VERTICAL WOOD FENCE 50% OPEN PER DETAIL BOARD-FORM CONC. 2FT. WIDE AT EA. SIDE OF ENTRY GATE



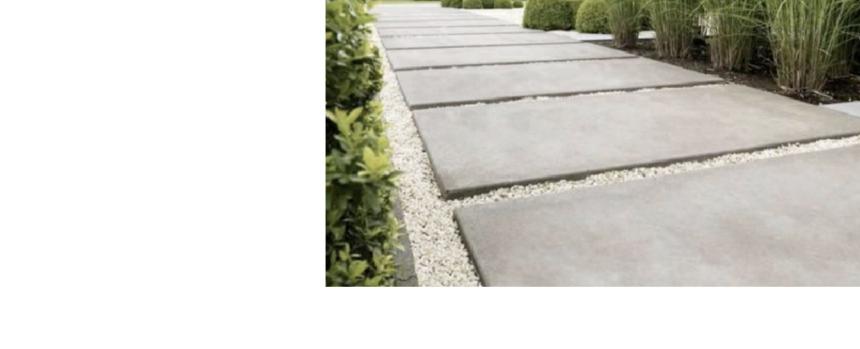


3 VIEW FROM THE SOUTH AT PROPOSED POOL TERRACE & HOME

VIEW OF PROPOSED TRELLIS & BREEZEWAY & BBQ







WEATHER RESISTANT STAINLESS STEEL

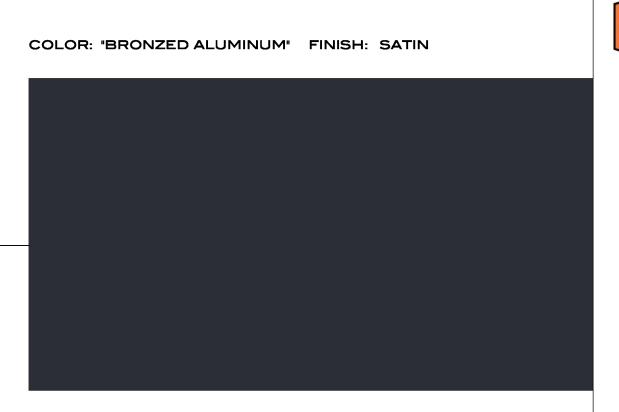
PRECAST CONCRETE PAVERS COLOR: NATURAL / CLEAR SEAL WITH GRAVEL BETWEEN PAVERS



DECOMPOSED GRAINTE COLOR: "BUFF"

SLATE SIDING

western
window systems







REAR YARD SEATING, SIDE YARD WALKS

PEA GRAVEL COLOR: "BARSTOW GOLD"

DATE: ISSUE:

12.10.19 KWPOA
APPROVAL

02.13.20 PLANNING
AMENDMENT

05.27.20 PLANNING
RESUBMIT

WINDOWS AND DOORS

GUEST HOUSE FACIA & TRIM

BORDERS & BETWEEN PAVERS

Δ5 (

ICE - 115 WOODLAND

