BODIS RESIDENCE

APPLICABLE CODES

ALL CONSTRUCTION AND INSTALLATIONS SHALL CONFORM TO THE:

2017 CALIFORNIA BUILDING CODE

2017 CALIFORNIA RESIDENTIAL CODE 2017 CALIFORNIA PLUMBING CODE

2017 CALIFORNIA MECHANICAL CODE

2017 CALIFORNIA ELECTRICAL CODE

2017 CALIFORNIA FIRE CODE 2017 CALIFORNIA ENERGY CODE

2017 CALIFORNIA GREEN BUILDING STANDARDS CODE

2017 BUILDING ENERGY EFFICIENCY STANDARDS

TOGETHER WITH ALL OTHER APPLICABLE STATE, FEDERAL & ALL LOCAL ORDINANCES

PROJECT DESCRIPTION

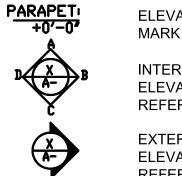
THE PROJECT CONSISTS OF A NEW TWO STORY SINGLE FAMILY RESIDENCE WITH AN ATTACHED TWO-CAR GARAGE AND A BASEMENT.

THE EXISTING HOUSE AND ATTACHED GARAGE WILL BE DEMOLISHED.

PARCEL MAP



SYMBOLS



Rosita Ave

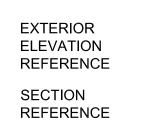
La Prenda Rd

ELEVATION MARK INTERIOR **ELEVATION** REFERENCE

EXTERIOR ELEVATION REFERENCE

VICINITY MAP











LOCATION

3 745 Campbell Avenue

⊕ Harrington Ave

ALIGN

DOOR REFERENCE

WALL TYPE REFERENCE

PROJECT DIRECTORY

APN NO.

OCCUPANCY TYPE

NO. OF STORIES

SETBACKS

RIGHT SIDE

LEFT SIDE

FRONT

REAR

CONSTRUCTION TYPE

ARCHITECT MAYDAN ARCHITECTS P.O.BOX 60864 PALO ALTO, CA 94306 TEL: 650.303.5977 FAX: 650.472.3795 mary@maydanarchitects.com CONTACT: MARY MAYDAN

OWNER

189-41-079

10,209 SF

V-B

SPRINKLER - UNDER DEFERRED SUBMITTAL

REQUIRED

RESIDENTIAL

PROPOSED

25'-0"

26'-9"

10'-0"

11'-4"

ATTILA BODIS 745 CAMPBELL AVE. LOS ALTOS, CA 94024 CELL: 408.784.6101 CONTACT: ATTILA BODIS ABODIS@GMAIL.COM

STRUCTURAL ENGINEER

MENLO PARK, CA 94025 TEL: 650-329-9219 FAX:650-329-1943 MOHAMMAD@SAABCO.COM

TOPO SURVEYOR

LEA & BRAZE ENGINEERS, INC KATERINA DENEK HAYWARD, CA 94545 TEL: 510-887 4086 FAX: 510-887 3019 CONTACT: ALEX ABAYA

PROPOSED RENDERING



LOT COVERAGE:

are over 6 feet in height

Right side $(1^{st}/2^{nd})$

Left side (1st/2nd)

FLOOR AREA:

SETBACKS:

HEIGHT:

Front

Rear

Land area covered by all structures that

Measured to the outside surfaces of

HABITABLE LIVING AREA:

Includes habitable basement areas

NON- HABITABLE AREA:

NET LOT AREA:

Does not include covered porches or open

LANDSCAPING BREAKDOWN:

FRONT YARD HARDSCAPE AREA: 2434.30 sq. ft.

Hardscape area in the front yard setback shall not exceed 50%

ZONING COMPLIANCE

2643.13 square feet

2643.13 square feet

9'-10" feet/___feet

10'-3" feet/___feet

2145 __square feet

498 square feet

New softscape area:

SQUARE FOOTAGE BREAKDOWN

LOT CALCUATIONS

Total hardscape area (existing and proposed):

Sum of all three should equal the site's net lot area

Existing softscape (undisturbed) area:

Proposed

(26.6 %)

(34.7 %)

25 feet

26'-9" feet

23'-0"feet

Change in

2724.28 square feet

3543.25 square feet

<u>10'-0"</u>feet/<u>feet</u>

<u>11'-4"</u>feet/<u></u>feet

+ 1925.57 square feet

+ 23.17 square feet

10,209 square feet

923.34 square feet (37.9%)

Existing

(25.8 %)

(25.8 %)

22'-9" feet 25'-9" feet

17'-0" feet

Existing

PROJECT INFO

2236.99 SF

3,062.70 SF

FLOOR AREA SUIVIIVIARY	
1ST FLOOR AREA	1715.82 SF
2ND FLOOR AREA	1306.26 SF
GARAGE	521.17 SF
BASEMENT	1048.49 SF
(not counted towards FAR)	
TOTAL FLOOR AREA	3,543.25 SF

	TOTAL FLOOR AREA	3,543.25 SF
)	ALLOWABLE FLOOR AREA	3,573.15 SF
	LOT COVERAGE SUMMARY	

ELOOD ADEA CLIMMAD

1ST FLOOR INCLUDING GARAGE

TOTAL COVERED PORCHES 487.29 SF

ALLOWABLE ADDITIONAL COVERED

TOTAL LOT COVERAGE 2,724.28 SF

ALLOWABLE LOT COVERAGE (30% OF LOT SIZE)

SAABCO CONSULTING, INC. 1263 EL CAMINO REAL, SUITE "I" CONTACT: MOHAMMAD SABAR

TITLE 24

2495 INDUSTRIAL PARKWAY W. HERS RATER CC2005682, CEPE **GREEN POINT RATER** TEL: 650.759.7709 FAX: 650.685.5502 WWW.BAYAREAHERS.COM

SHEET INDEX

A0.1 COVER SHEET

A0.3 PROPOSED STREETSCAPE

NEIGHBORHOOD CONTEXT MAP

TOPOGRAPHIC LAND SURVEY GRADING & DRAINAGE PLAN & **EROSION CONTROL PLAN**

AR-1 ARBORIST REPORT

AR-2 ARBORIST REPORT (CON'T)

FLOOR PLANS

A2.0 PROPOSED BASEMENT PLAN PROPOSED 1ST FLOOR PLAN

A2.2 PROPOSED 2ND FLOOR PLAN

A3.1 PROPOSED EAST & NORTH ELEVATIONS A3.2 PROPOSED WEST & SOUTH ELEVATIONS

A4.1 BUILDING SECTIONS

A5.0 3D PHOTO-REALISTIC RENDERINGS A5.1 3D PHOTO-REALISTIC RENDERINGS

ARCHITECTURAL

SITE LINE STUDY - MASTER DECK

PROPOSED SITE PLAN & TREE ID KEY

LANDSCAPE PLAN

A1.2 AREA CALCULATIONS

CIVIL

A2.4 PROPOSED ROOF PLANS

ELEVATIONS, SECTIONS, DETAILS, & SPECS

A4.2 BUILDING SECTIONS

3D VIEWS

Allowed/Required

3,062.70 square feet

3,573.15 square feet

____feet/____feet

____feet/____feet

(__30%)

(_35_%)

25 feet

25 feet

<u>27'-0"</u> feet

Total Proposed

4,070.57 square feet

521.17 square feet

5,121 sq ft

5,088 sq ft

____sq ft

10,209

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SCALE	AS NOTED
JOB NAME	BODIS
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PROPOSED STREETSCAPE



735 CAMPBELL AVE 745 CAMPBELL AVE

755 CAMPBELL AVE



745 CAMPBELL AVE - W/O LANDSCAPING

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8.20.18 PLANNING DEPT.	ММ	
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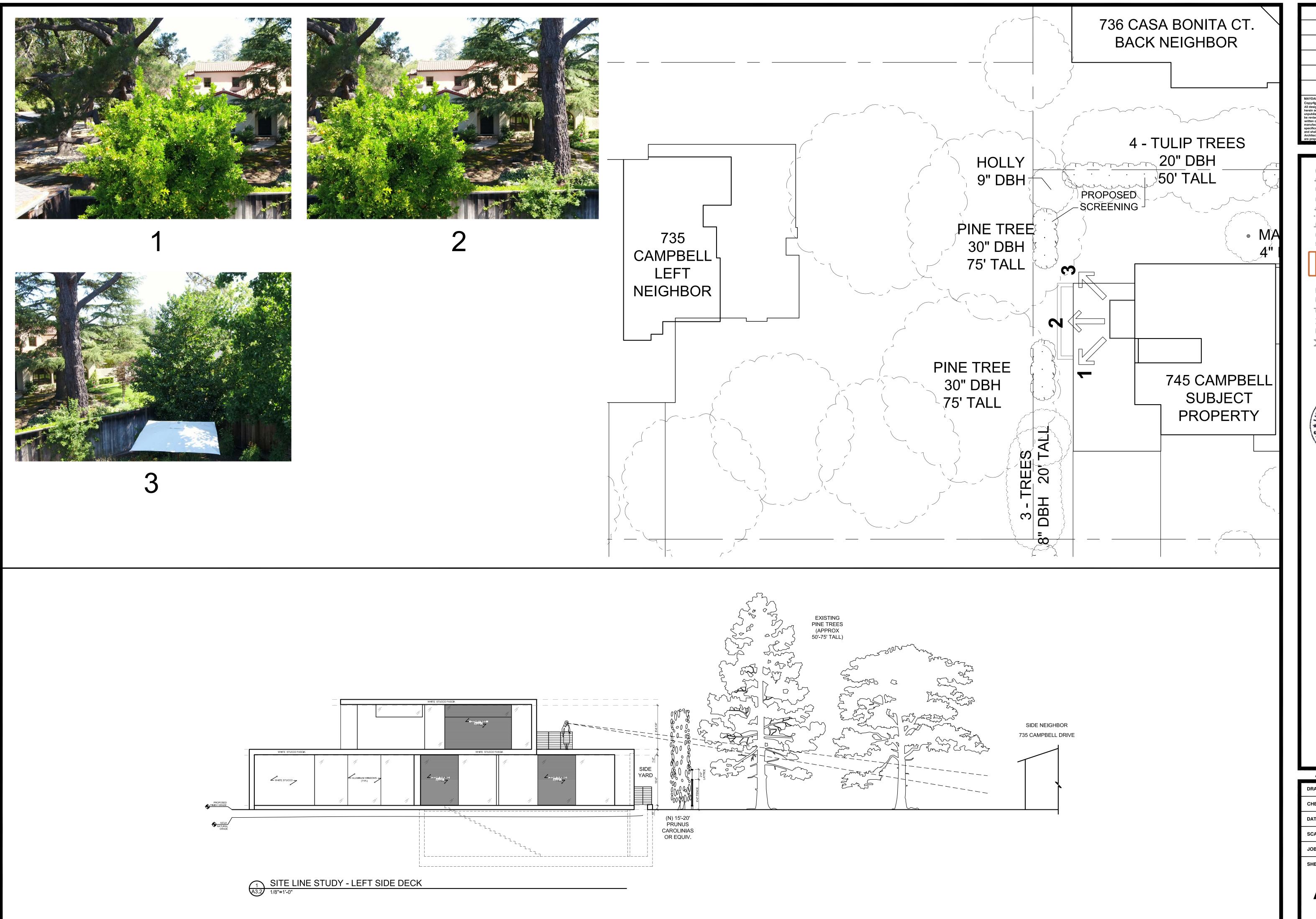
60864, Palo Alto 94306

P.O.Box 60864, Palo el: 650.303.5977, Fax:



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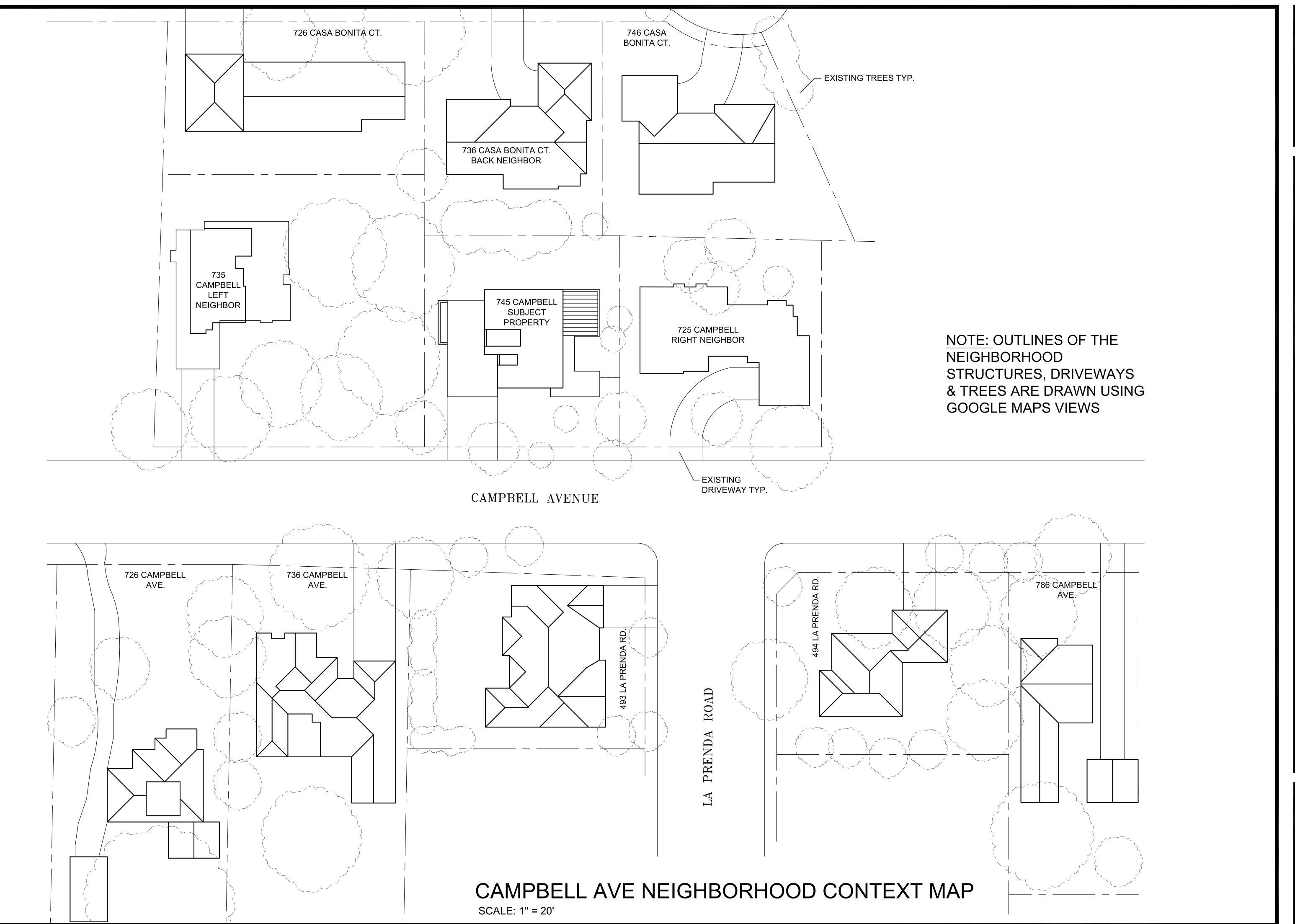
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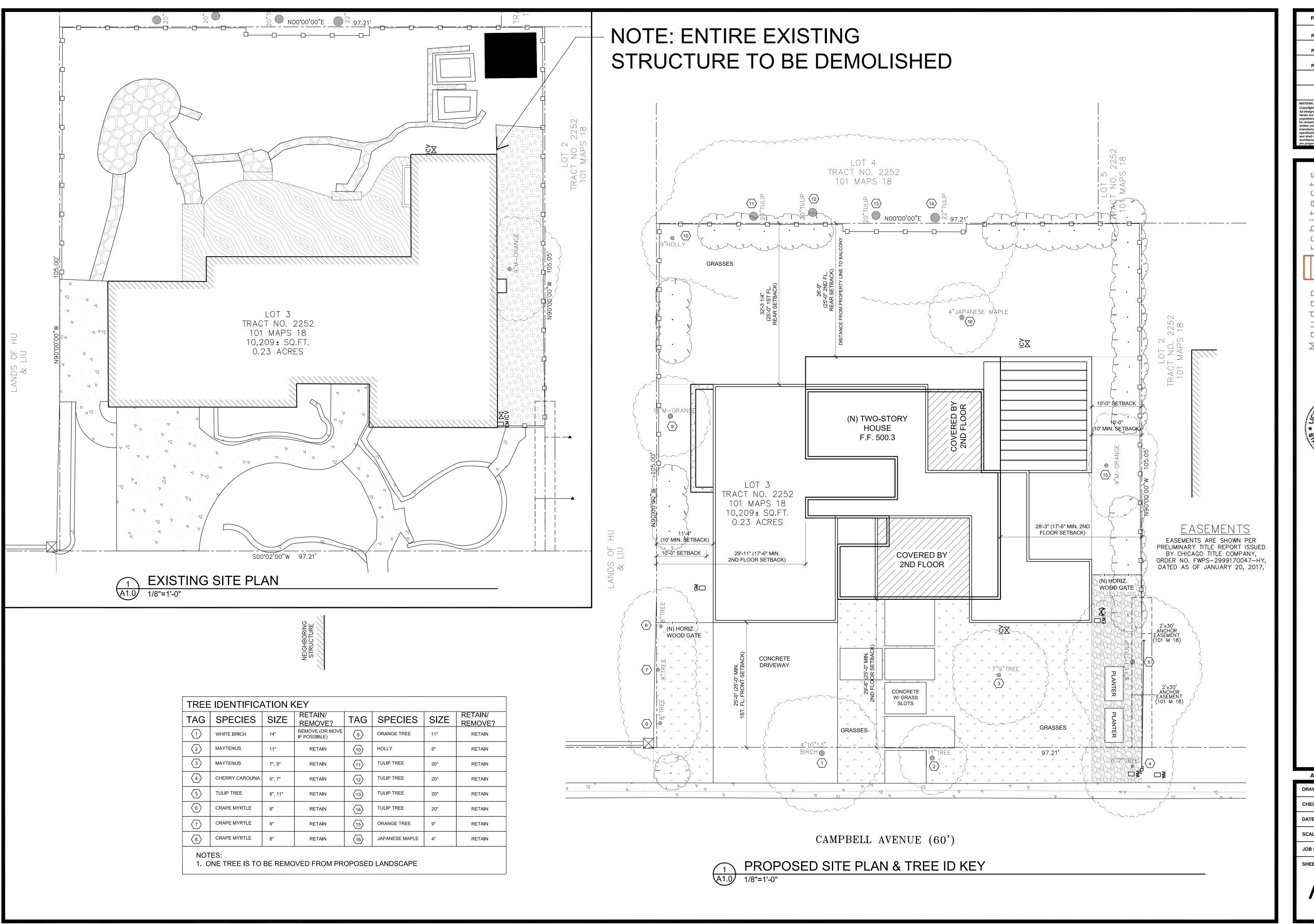


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PRUNUS CAROLINIANA

MATURE SIZE: 15'-30' TALL GROWTH: MODERATE USE: SCREEN

WINTONE GIZE. 10 00 THEE GROWTH. MODERNIE GOE. GOREEN

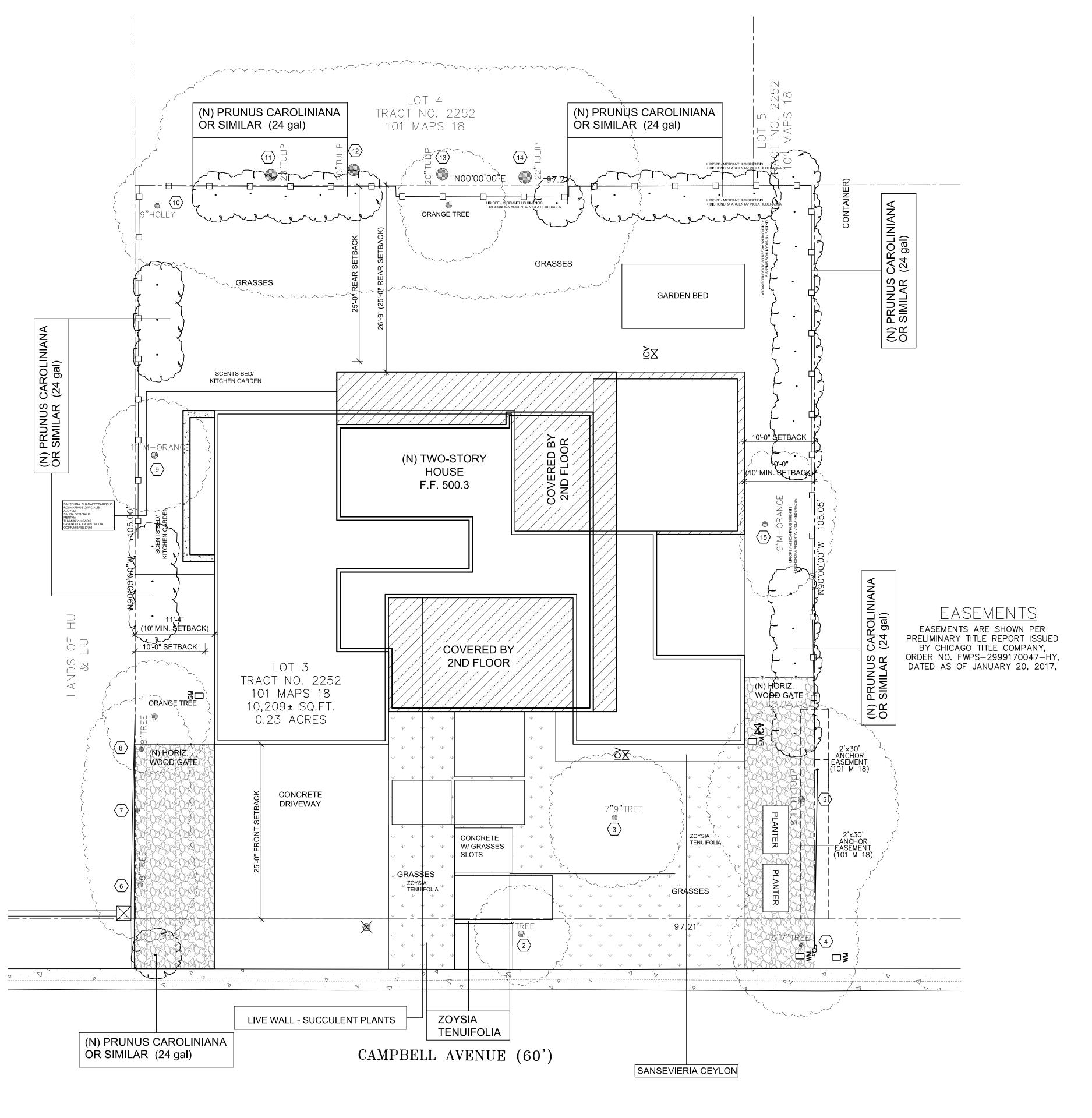
OR SIMILAR ALTERNATIVE



MARINA STRAWBERRY TREE

MATURE SIZE: 20'-30' TALL GROWTH: MODERATE USE: SCREEN

TAG	SPECIES	SIZE	RETAIN/ REMOVE?	TAG	SPECIES	SIZE	RETAIN/ REMOVE?
1	WHITE BRICH	14"	REMOVE	9	ORANGE TREE	11"	RETAIN
2	MAYTENUS	11"	RETAIN	(10)	HOLLY	9"	RETAIN
3	MAYTENUS	7", 9"	RETAIN	(11)	TULIP TREE	20"	RETAIN
4	CHERRY CAROLINA	6", 7"	RETAIN	(12)	TULIP TREE	20"	RETAIN
5	TULIP TREE	8", 11"	RETAIN	(13)	TULIP TREE	20"	RETAIN
6	CRAPE MYRTLE	8"	RETAIN	(14)	TULIP TREE	20"	RETAIN
7	CRAPE MYRTLE	8"	RETAIN	(15)	ORANGE TREE	9"	RETAIN
8	CRAPE MYRTLE	8"	RETAIN	(16)	JAPANESE MAPLE	4"	REMOVE



PROPOSED LANDSCAPE PLAN

1/8"=1'-0"

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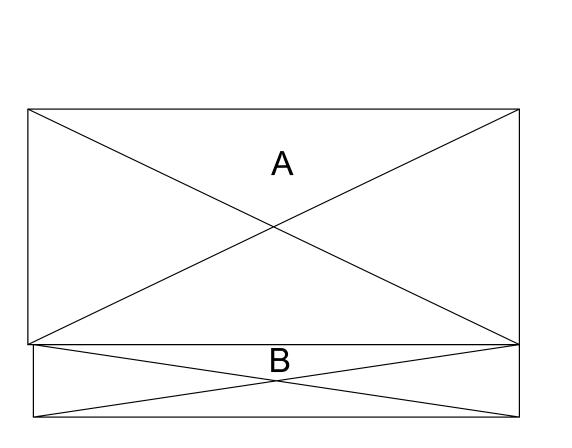
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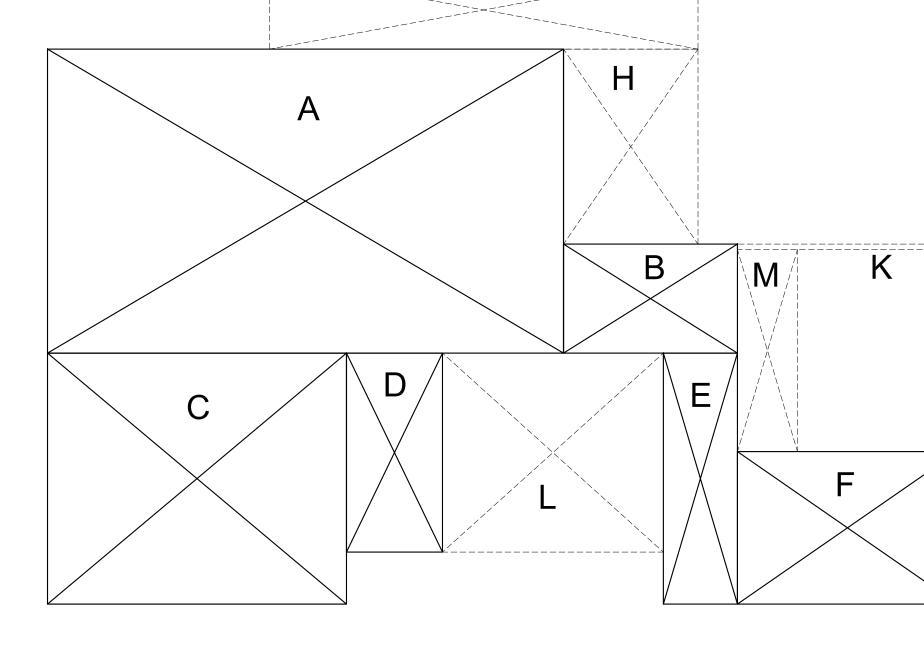
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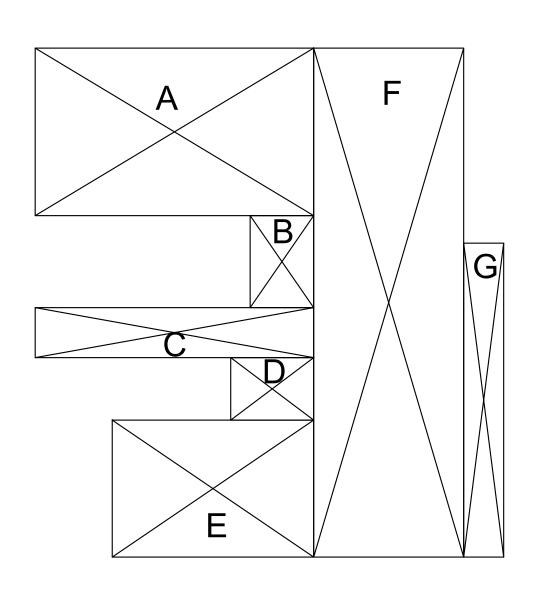


BASEMENT AREA CALCULATIONS

1/8"=1'-0"



2 1FL AREA CALCULATIONS
1/8"=1'-0"



2FL AREA CALCULATIONS

1/8"=1'-0"

BASEMENT

DIMENSIONS <u>AREA</u> 40'-11 ½" x 19'-7 ½" 40'-6" x 6'-0 ½" 803.80 SQ. FT. 244.68 SQ. FT. TOTAL: 1048.49 SF

1ST FLOOR & GARAGE

DIMENSIONS 1089.33 SQ. FT. 43'-0" x 25'-4" 131.67 SQ. FT. 14'-6" x 9'-1" 521.17 SQ. FT. 20'-11" x 24'-11" 132.64 SQ. FT. 8'-0" x 16'-7" 6'-2" x 20'-11" 129.20 SQ. FT. 232.98 SQ. FT. 18'-4" x 12'-8 ½"

TOTAL: 2236.99

1ST FLOOR COVERED PORCHES

<u>AREA</u> <u>SECTION</u> **DIMENSIONS** 35'-8 ½" x 6'-6 ¼" 232.84 SQ. FT. 182.11 SQ. FT. 11'-2 ½" x 16'-3" 23.12 SQ. FT. 9.97 SQ. FT. 8.40 SQ. FT. 305.18 SQ. FT. 84.16 SQ. FT. 23'-1½" x 1'-0" 5½" x 21'-9¼" 18'-4" x 5½" 18'-4¾" x 16'-7" 5'-0" x 16'-5½"

TOTAL: 845.78

2ND FLOOR

<u>AREA</u> <u>SECTION</u> **DIMENSIONS** 23'-2 ½" x 13'-11 ½" 5-3 ½" x 7'-8" 323.96 SQ. FT. 40.57 SQ. FT. 23'-2¹/₂" x 4'-2" 96.70 SQ. FT. 36.01 SQ. FT. 191.70 SQ. FT. 530.11 SQ. FT. 87.21 SQ. FT. 5'-2½" x 6'-11" 11'-5" x 16'-9½" 12'-6" x 42'-5" 3'-4" x 26'-2"

TOTAL: 1306.26

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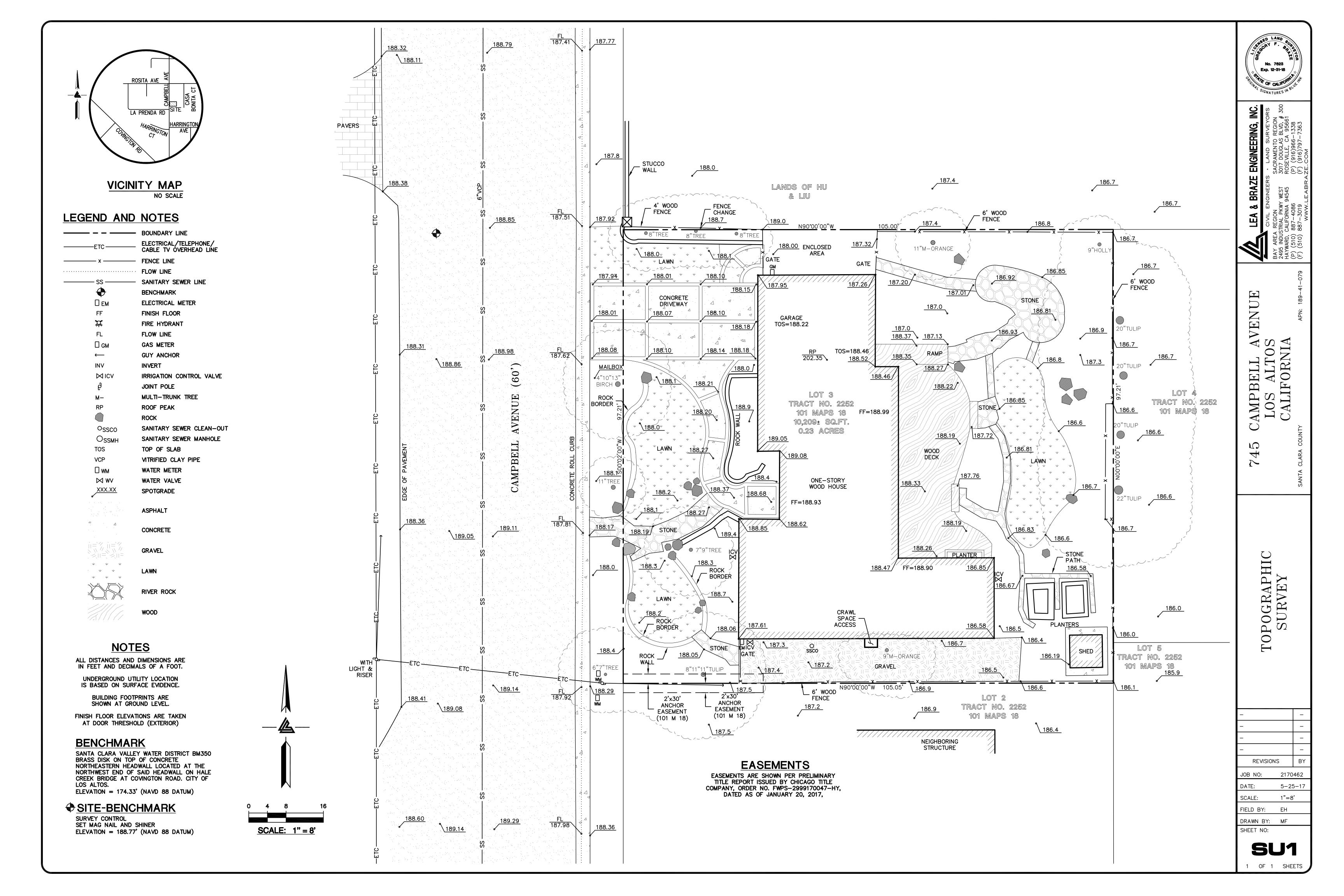
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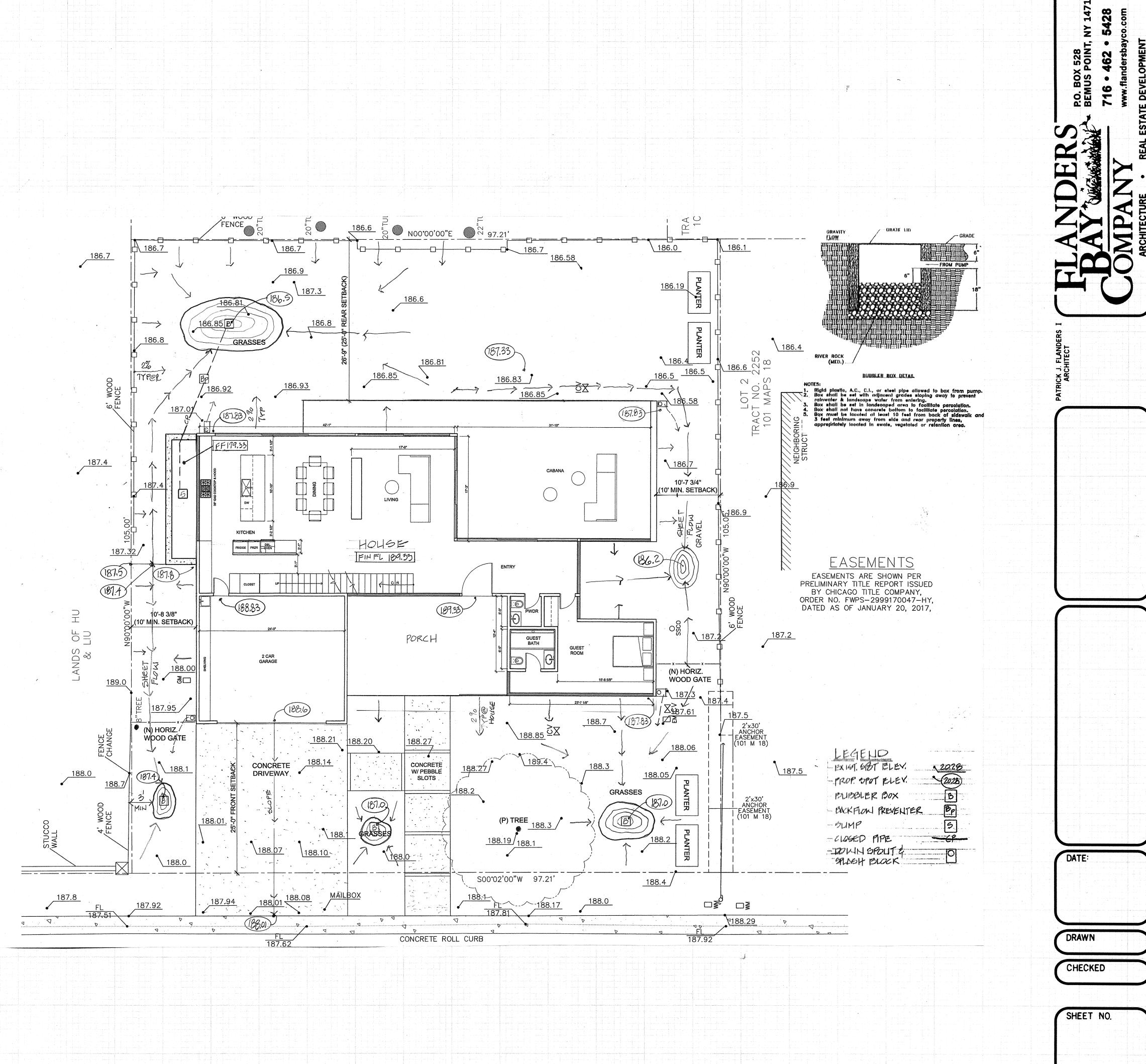


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A1.2





Tree Management - Landscape Management

ISA Certified Arborist # WE-3061A Landscape Contractor License # 634290

CA Pest Control Adviser # 075606

5994 Shawcroft Dr. San Jose, CA 95123

Roberto Guzman Owner - President

August 3, 2017

ISA Certified Arborist Report

TREE SURVEY Tree Protection and Preservation Plan Report

Prepared for:

Attila Bodis 745 Campbell Ave. Los Altos, CA

Prepared By:

Roberto Guzman Consulting Arborist RG Horticulture Consultant San Jose, California

July, 2017

Telephone: 408-921-5078

email: arborman04@yahoo.com

RG Horticulture Consulting

Tree Management - Landscape Management

5994 Shawcroft Dr. San Jose, CA 95123

ISA Certified Arborist # WE-3061A Landscape Contractor License # 634290 CA Pest Control Adviser # 075606

Roberto Guzman Owner - President

August 3, 2017

July, 2017

Attila Bodis, 745 Campbell Ave. Los Altos

Summary

The property located at 745 Campbell Ave. in Los Altos, CA contains 14 trees of different species, all of them in acceptable health condition

I picked out the existing 16 trees comprised in 8 different varieties for the survey; their condition is very good and most of them are suited for preservation, however, due to the projected new construction of a house, some of them could be affected or subjected to removal. All the potential affected ones will be protected during the construction time.

Background

Attila Bodis, owner of the property hired me to assess the site, trees, and proposed plans, to provide an arborist report with my findings and recommendations to help to satisfy the City of Los Altos planning requirements, regarding tree protection.

Assignment

- 1- Provide the arborist report including the assessment of the trees within the project area. The assessment shall include the species, diameter, health condition, structure, and suitability for
- 2- Provide Tree Protection Plan (TPP) specifications and the intensity ratings for the trees that will be impacted by the construction project.

Purpose and use of this report

This report is intended to identify all the trees in the premises of the plan area, and specifically the ones that could be affected by the construction project. The report will also be used by Maidan Architects, their engineers, and the city of Los Altos

The trees subjected to the protection plan are a total of eight (8), and their description is as follows:

Telephone: 408-921-5078 email: arborman04@yahoo.com

RG Horticulture Consulting

Tree Management - Landscape Management

5994 Shawcroft Dr. San Jose, CA 95123

the construction process.

ISA Certified Arborist # WE-3061A Landscape Contractor License # 634290 CA Pest Control Adviser # 075606

Roberto Guzman Owner - President August 3, 2017

- 1- Tree # one (1). A heritage mature White birch tree (Betula pendula) with a DBH of 14"; 25 feet high and 25' canopy spread; good vigor and highly suitable for preservation. This tree however is located on the right side of the entrance of the property, and will be in the way for the traffic of vehicles and construction machinery, so my recommendation is to remove it.
- 2- Tree # two (2) Maytenus (Maytenus boaria) DBH 11"; 15' high, 12' spread of canopy, good vigor and highly suitable for preservation; it will be protected during the construction process.
- 3- Tree # three (3). Maytenus (Maytenus boaria). DBH 7", 9" (co-dominant stems); 15' high, 12' spread of canopy, good vigor, and highly suitable for preservation. It will be protected during
- 4- Tree # four (4). Cherry Carolina (Prunus caroliniana). DBH 6", 7" (co-dominant stems); 15' high, 12' spread of canopy, good vigor, and fairly suitable for preservation.
- 5- Tree # five (5). Tulip tree (Liriodendron). DBH 8", 11" (co-dominant stems); 20' high, 20' spread canopy, good vigor, and sultable for preservation.
- 6- Tree # six (6). Crape myrtle tree (Lagerstroemia). DBH 8"; 15' high, 12' spread canopy, good vigor, suitable for preservation. It will be protected during the construction process.
- 7- Tree # seven (7). Crape myrtle tree (Lagerstroemla). DBH 8"; 15' hlgh, 12' spread canopy, good vigor, suitable for preservation. It will be protected during the construction process
- 8- Tree # eight (8). Crape myrtle tree (Lagerstroemia). DBH 8"; 15' high, 12' spread canopy, good vigor, suitable for preservation. It will be protected during the construction process
- 9- Tree # nine (9). Orange tree (Citrus sinensis). DBH 11"; 18' high, 12' spread canopy, good vigor, suitable for preservation, needs structural pruning and fertilization. Its protection during the construction process will depend of its closure to the construction area.
- 10- Tree # ten (10) Holly tree (llex aquifolium). DBH 9"; 12' high, 12' spread canopy, good vigor, suitable for preservation.
- 11- Tree # eleven (11) Tulip tree (Liriodendron). DBH 20"; 40' high, 30' spread canopy, good vigor. It is suitable for preservation given its size and value for the property, however this specie is very sensitive to aggressive attack of aphids and scales, so it will need a permanent observation of this pest,

Telephone: 408-921-5078 email: arborman04@yahoo.com

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Roberto Guzman Owner - President

August 3, 2017

- 12-Tree # twelve (12) Tulip tree (Liriodendron). DBH 20"; 40' high, 30' spread canopy, good vigor. It is suitable for preservation given its size and value for the property; however this specie is very sensitive to aggressive attack of aphids and scales, so it will need a permanent observation of this pest.
- 13-Tree # thirteen (13) Tulip tree (Liriodendron). DBH 20"; 40' high, 30' spread canopy, good vigor. It is suitable for preservation given its size and value for the property; however this specie is very sensitive to aggressive attack of aphids and scales, so it will need a permanent observation of this pest.
- 14-Tree # fourteen (14) Tulip tree (Liriodendron), DBH 20"; 40' high, 30' spread canopy, good vigor. It is suitable for preservation given its size and value for the property; however this specie is very sensitive to aggressive attack of aphids and scales, so it will need a permanent observation of this pest.
- 15- Tree # fifteen (15). Orange tree (Citrus sinensis). DBH 9"; 15' high, 12' spread canopy, good vigor, suitable for preservation. Needs structural pruning and fertilization.
- 16- Tree # sixteen (16) Japanese maple.DBH 4"; 8' high, 8' spread canopy, acceptable vigor.

The biggest trees in the property (Tulip trees along the back fence) apparently will not be affected by the construction operation. These are heritage trees and will need to be protected if a minimum risk of damage is possible.

Tree Protection

The Tree Protection focuses on protecting trees from damage to the roots, trunk, and scaffold branches from heavy equipment. The Tree Protection Zone (TPZ) can be determined by a formula based on species tolerance, tree age, and Diameter at Breast Height (DBH) or as drip line in general.

Due the proximity of some of the described trees to the construction area, the tree protection zone for this project should be installed at 7 -12 feet from the trees trunk where possible. The protection could include the use of Straw wattles to wrap 6'above the ground of the trees trunks (see Tree inventory site plan) to protect them from potential mechanical injuries, as a result of machinery and construction equipment

The Tree Protection Zone (TPZ) will include a chain link fencing around tree trunk and main limbs on the drip line area. The fence will protect the trees against injuries on trunk and bark, soil compaction

Telephone: 408-921-5078 email: arborman04@yahoo.com

RG Horticulture Consulting

Tree Management - Landscape Management

5994 Shawcroft Dr. San Jose, CA 95123

CA Pest Control Adviser # 075606

ISA Certified Arborist # WE-3061A Roberto Guzman Owner - President Landscape Contractor License # 634290

or disturbance, bruising and breaking of roots. The project arborist shall be present at the time of the structure demolition to ensure the protection of the tree trunk and roots.

August 3, 2017

Critical Root Zone.

The critical root zone (CRZ) is the area around the trunk of the tree where roots that provide stability are located. It is also the minimum distance from the trunk that root cutting and trenching can occur. It is defined by the tree's trunk diameter as a distance of three times the DBH in feet and preferably five

The described actions are the core of the Tree Protection and Preservation Plan (TPPP), such plan is part of the permit process for the re-construction or re-modeling of the existing structure.

When potential development impacts take place within the dripline of or will affect any protected tree, a preservation report must be prepared by a certified consulting arborist. The TPPP intends to outline the different measures to protect the trees during construction, assess potential impacts, and recommend mitigation measurements to reduce such impacts to a less significant level. The TPPP also includes requirements for pre-construction, treatments during demolition, new installations, and establishment of a Tree Protection Zone (TPZ). The plan also includes tree monitoring, inspection, and provisions to continue the good maintenance after completion of construction.

The Tree Protection and Preservation Plan

Pre-construction

One of the most important parts of the TPP is the installation of the Tree Protection Zone (TPZ), which is a temporary fenced enclosure under the tree's drip line or as specified in this report. The TPZ is a restricted activity zone where no soil disturbance is permitted unless approved and supervised by the planning director and consulting arborist.

Tree Fencing -Size and type of fence. The chain link fence will be 5- 6 feet high and as much as possible of radius from the trunk of the trees. The fence will be mounted on two-inch diameter galvanized posts supported by a concrete base (no driven posts into the ground if fencing is too close to the tree). The fence will remain in place until final landscape or mulching is required. If for some reasons, the fence needs to be moved or modified, the contractor will request that the city arborist and consulting arborist supervise the movement.

No storage of equipment, vehicle, tools, or debris shall be allowed between the drip line of the tree at any time. No trenching shall occur beneath the dripline of the tree to be protected. No disposal or deposit of oil, gasoline, chemicals or other harmful materials will be allowed within the dripline of the

Telephone: 408-921-5078 email: arborman04@yahoo.com

RG Horticulture Consulting

Tree Management - Landscape Management

5994 Shawcroft Dr. San Jose, CA 95123

ISA Certified Arborist # WE-3061A Landscape Contractor License # 634290

CA Pest Control Adviser # 075606

Roberto Guzman Owner - President August 3, 2017

Specification for pruning. When necessary, reduce the encroaching branches back to appropriate sized lateral limbs or remove completely back to the main stem.

During the construction process, a periodic monitoring of the project site and the health of the trees should take place. The consulting arborist will be present whenever activities take place which pose a potential threat to the health of the trees. The planning director and project arborist shall be notified within 6 hours of any damage that occurs to the protected tree during construction, so that proper treatment can be applied in accordance with accepted arboriculture methods.

Mitigation Plan

A mitigation measurement plan will be set up in case that the construction around the tree will cause drought stress or dust accumulation. To reduce any impact injury, the following actions will be implemented by the project arborist:

- 1- Irrigation program. Irrigate to wet the soil within the TPZ to a depth of 30-inches. This irrigation
- will be applied with high pressure water injector.
- 2- Dust control program. During periods of extended drought, wind or grading, spray-wash trunk, limbs and foliage to remove accumulated construction dust.
- Mulch and gravel will be available in case of a necessary root buffering. 4- Hay to spread in layers over the sloped area to control erosion.

Post construction care

After completion of construction, the trees will be carefully examined to assure that their integrity has been kept in good standing. A periodic check out of the trees will be performed by the arborist to detect any significant change associated with the construction.

Recommendations.

- Remove the dead trees and protect the ones to have high influence by the construction
- Get all necessary permits before the removal or significantly altering any tree on site.

Specification: Reduce encroaching branches back to appropriate sized lateral limbs no less than 50%the diameter of the parent branch at the cut, or remove completely back to the main stem. The objective is to provide clearance on the site to accommodate the construction work.

 Wrap the trunk of the protected trees with straw wattles up to 8 feet above the ground to prevent mechanical damage to the stem.

Telephone: 408-921-5078 email: arborman04@yahoo.com

RG Horticulture Consulting Tree Management - Landscape Management

5994 Shawcroft Dr. San Jose, CA 95123

ISA Certifled Arborist # WE-3061A

Landscape Contractor License # 634290 CA Pest Control Adviser # 075606

August 3, 2017

Roberto Guzman Owner - President

email: arborman04@yahoo.com

- Place mulch to a depth of 4-6 inches underneath the tree within the critical root zone radius of 7 to 12 feet from the trunk.
- Place tree protection fence at a distance of 7 to 12 feet from the main stem of the trees. Place signane on the fence.
- Do not remove the tree protection fence neither temporarily or final removal- without consulting with the city arborist and project arborist.

Appendixes:

- Certificate of performance Qualifications, Assumptions and limiting conditions
- Attachments

Telephone: 408-921-5078

 Pictures Site plan, tree inventory and location map, tree removal map, and tree protection plan map.

RG Horticulture Consulting Tree Management - Landscape Management

5994 Shawcroft Dr. San Jose, CA 95123

ISA Certified Arborist # WE-3061A Landscape Contractor License # 634290 CA Pest Control Adviser # 075606

Roberto Guzman Owner - President August 3, 2017

Certification of Performance

I. Roberto Guzman, certify:

- That I have personally inspected the tree(s) and/or the property referred to in this report, and have stated my findings accurately. The extent of the evaluation and or appraisal is stated in the attached report and in the terms and conditions:
- That I have no current interest in the vegetation or the property that is the subject of this report, and I have no personal interest or bias with respect to the parties involved;
- That my compensation is not contingent upon the reporting of a predetermined conclusion that favors the cause of the client on any other party, nor upon the results of the assessment, the

That the analysis, opinions, and conclusions stated herein are my own, and are based on

attainment of stipulated result, or the occurrence of any subsequent events;

- That my analysis, opinions, and conclusions were developed and this report has been prepared according to commonly accepted arboricultural practices;
- That no one provided significant professional assistance to the consultant, except as indicated within the report.

I further certify that I am a Member of the American Society of Consulting Arborist, and I am an International Society of Arboriculture Certified Arborist. I have been involved in the practice of arboriculture and the care and study of trees for over 30 years.

Signed:	Date:

experience, current scientific procedures, and facts;

Telephone: 408-921-5078 email: arborman04@yahoo.com

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REVISIONS

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RG Horticulture Consulting Tree Management - Landscape Management

5994 Shawcroft Dr. San Jose, CA 95123

ISA Certified Arborist # WE-3061A Landscape Contractor License # 634290 CA Pest Control Adviser # 075606 Roberto Guzman Owner - President

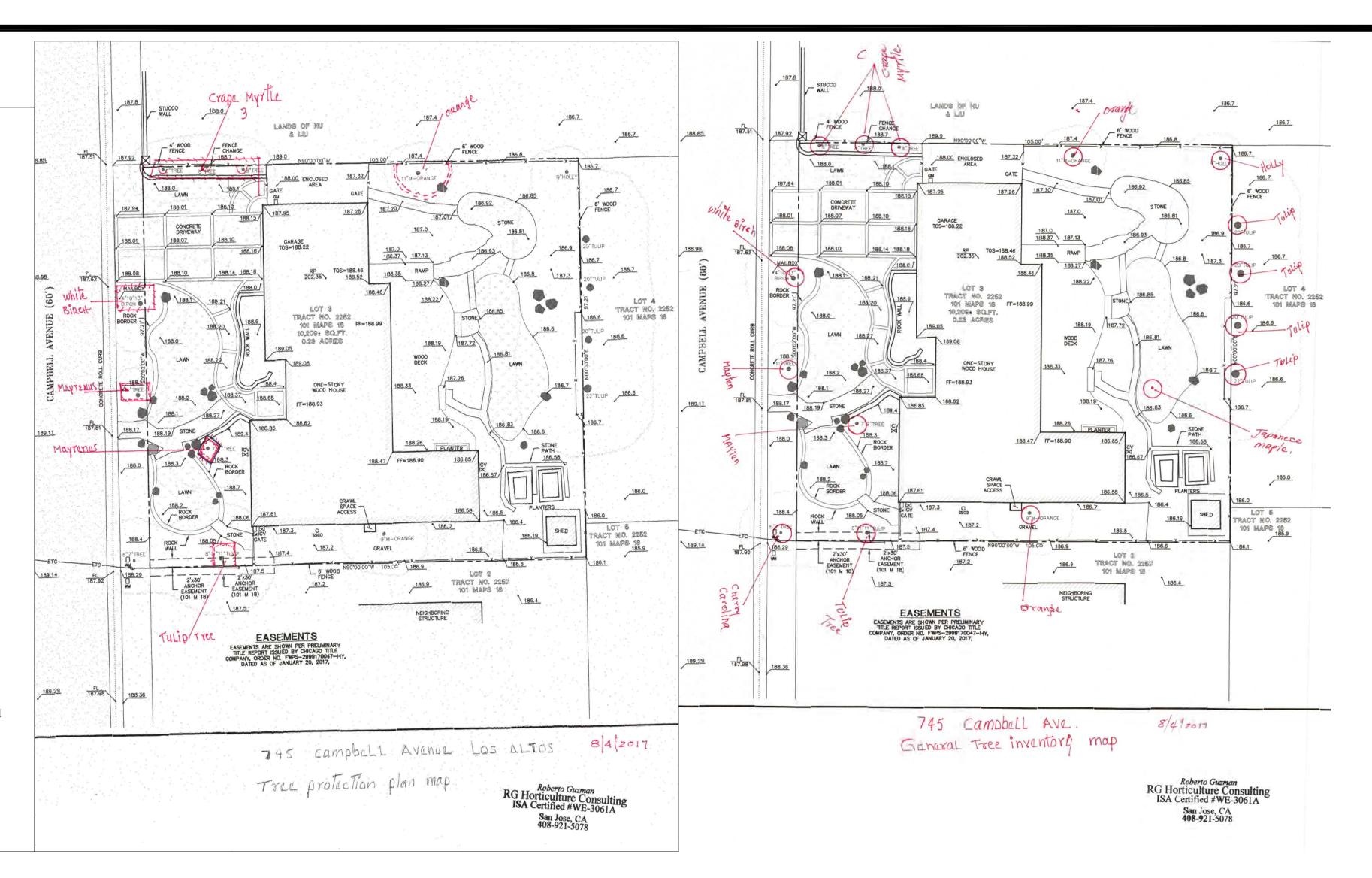
August 3, 2017

Appendix: Qualifications, Assumptions, and Limiting Conditions

- Any legal description provided to the consultant is assumed to be correct. Any titles or ownership of
 properties are assumed to be good and marketable. All property is appraised or evaluated as though free
 and clear, under responsible ownership and competent management.
- Neither the arborist undertaking this report, nor the company responsible shall be required to give testimony
 or attend court by reason of this report unless subsequent contractual arrangements are made, including
 payment of an additional fee for such services, as described in the fee schedule and contract of engagement.
- This report and any values expressed herein represent the opinion of the author and his fee is in no way contingent upon the reporting of a specified value, a stipulated result, the occurrence of a subsequent even, nor upon any finding to be reported.
- 4. Care has been taken to obtain information from reliable sources. All data has been verified insofar as possible; however R G Horticulture Consulting can neither guarantee nor be responsible for the accuracy of information provided by others.
- 5. Unless otherwise required by law, neither all or any part of the contents of this report, nor copy thereof, shall be conveyed by anyone, including the client, to the public through advertising, public relations, news, sales or other media, without the prior expressly written or verbal consent of the author.
- Unless otherwise required by law, possession of this report or a copy thereof does not imply right of publication or use for any purpose by any other than the person to whom it is addressed, without the prior expressly written or verbal consent of the author or his company.
- 7. The information contained in this report covers only the trees subject of this report and no others. It reflects the condition of the trees and its component parts at the time of inspection and was limited to a visual examination of the accessible items.
- The details obtained from the photographs, and outlined in the sketch plan are intended as visual aids and are not to scale. They should no be construed as engineering reports or surveys.
- Loss or alteration of any part of this report invalidated the entire report.

End of report.

Telephone: 408-921-5078 9 email: arborman04@yahoo.com



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PLANNING DEPT. MM

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1. SEE SITE PLAN & LANDSCAPING PLANS FOR NEW FENCING, ENTRY PATH, PAVING, DRIVEWAY, PATIOS, ETC.

2. DECKS & BALCONIES - VERIFY TYPE & FINISH W/ ARCHITECT & OWNER. SELECTED MATERIAL SHALL BE SLIP-RESISTANT IN WET CONDITIONS.

3. ALL EXTERIOR EGRESS DOORS MUST HAVE A MIN. 36" DEEP CLEAR LANDING NOT MORE THAN 1 ½" LOWER THAN THE TOP OF THRESHOLD & WITH A SLOPE NO GREATER THAN ½" PER FOOT.

4. DOOR BETWEEN GARAGE & DWELLING TO BE 1 \(\frac{3}{8} \)" THICK, TIGHT FITTING, SELF-LATCHING, 20 MINUTE FIRE RATED DOOR.

5. PER CRC 311.3 ALL EXTERIOR DOORS REQUIRE A LANDING. PROVIDE A LEVEL FLOOR LANDING ON EACH SIDE OF NON-EGRESS EXTERIOR DOORS NO MORE THAN 7 ¾" BELOW THE THRESHOLD.

EXCEPTIONS:

- EXTERIOR LANDINGS NEED TO SLOPE A MAX OF 2% AND IF NOT AT GRADE NEED STAIRS OR RAMPS TO GRADE.

- A LANDING IS NOT REQUIRED WHERE A STAIRWAY OF TWO OR FEWER RISERS IS LOCATED ON THE EXTERIOR SIDE OF THE DOOR PROVIDED THE DOOR DOES NOT SWING OVER THE STAIRWAY.

6. CONTRACTOR TO VERIFY DIMENSIONS WITH ARCHITECT BEFORE START OF CONSTRUCTION.

7. SEE STRUCTURAL PLANS FOR SHEAR WALLS, POSTS, & HOLD-DOWN LOCATIONS. SEE BUILDING SECTIONS FOR TYPICAL WALL INSULATION LOCATIONS & VALUES. SEE ROOF PLAN FOR GUTTERS, PARAPETS & SKYLIGHTS. SEE WINDOW SCHEDULE & REVIEW WITH ARCHITECT

8. FRAMING CONTRACTOR SHALL CAREFULLY REVIEW ALL ELECTRICAL, MECHANICAL, & STRUCTURAL PLANS AND CONSIDER ALL ISSUES IN LOCATION OF SIGNIFICANT BEAMS, LAYOUT OF FLOOR, & CEILING JOISTS TO ACCOMMODATE LIGHT CANS, PLUMBING, MINIMIZE HEADING OFF, CENTER FLOOR REGISTERS W/ DOORS, ALIGN CHUTES & CHASES, ETC. CONTRACTOR TO DISCUSS PLAN W/ARCHITECT BEFORE THE START OF FRAMING.

9. EXTERIOR WALLS - (N) WALLS 2x6 WOOD STUDS @ 16" o.c. TYP., EXCEPT WHERE

10. INTERIOR WALLS - ALL INTERIOR WALLS ARE 2x6 WOOD STUDS @ 16"o.c. TYP. EXCEPT WHERE OTHERWISE NOTED.

INTERIOR FINISHES

11. BLOCKING - SEE INTERIOR ELEVATIONS & FINISH SCHEDULE AND VERIFY WITH ARCHITECT PRIOR TO FRAMING. CONTRACTOR TO INSTALL BLOCKING AT ALL WALLS FOR BASE, TOWEL BARS, LIGHT FIXTURES, HANGING VANITIES & CABINETS, FLOATING SHELVES, TVs, ETC.

12. INTERIOR FINISHES - 5/8" GYPSUM BOARD TYP. ALL INTERIOR WALLS U.N.O. 5/8" TYPE 'X' GYPSUM BOARD @ ALL WALLS & CEILING IN GARAGE & AT ENCLOSED SPACE UNDER STAIRS.

13. VERIFY ALL PAINT & FINISH SELECTIONS, BASEBOARD, TRIM, AND DOOR & WINDOW CASINGS W/ ARCHITECT IN FIELD. PROVIDE MOCK-UPS FOR APPROVAL PRIOR TO INSTALLATION.

14. GARAGE WALLS & CEILING TO BE FINISHED WITH %" TYPE "X" GYPSUM BOARD FROM FOUNDATION TO ROOF SHEATHING AT SEPARATION WALL BETWEEN GARAGE & RESIDENCE, THE CEILING OF THE FLOOR-CEILING ASSEMBLY ABOVE THE GARAGE AND THE MEMBERS THAT SUPPORT THIS FLOOR-CEILING SEPARATION SUCH AS BEAM AND COLUMNS.

CUSTOM CABINETRY AND BUILT-INS

15. CABINETRY - VERIFY INTERIOR ELEVATIONS WITH ARCHITECT PRIOR TO FRAMING, ELECTRICAL, AND PLUMBING.

16. KITCHEN CABINETRY - VERIFY INTERIOR ELEVATIONS WITH ARCHITECT, PRIOR TO FRAMING, ELECTRICAL, AND PLUMBING.

STAIRS, HANDRAILS AND GUARDRAILS

18. PROVIDE HANDRAILS & GUARDRAILS TO BE CAPABLE OF SUPPORTING 200 LB CONCENTRATED LOAD AT ANY ANGLE TO RAIL. OPEN GUARDRAILS OR HANDRAILS SHALL HAVE INTERMEDIATE RAILS OR AN ORNAMENTAL PATTERN SUCH THAT A SPHERE 4 INCHES IN DIAMETER CANNOT PASS THROUGH, TOP OF GUARDRAILS SHALL NOT BE LESS THAN 42 INCHES IN HEIGHT.

19. ONE HOUR FIRE RATED CONSTRUCTION CONSISTING OF 2 LAYERS OF TYPE-X GYPSUM BOARD TO BE INSTALLED ON THE UNDERSIDE OF STAIRS & BETWEEN GARAGE AND HABITABLE SPACE.

INTERIOR AND EXTERIOR FINISHES

20. EXTERIOR FINISH - STUCCO PAINTED CEMENT PLASTER OVER PRIMER 1/8" MIN. THICK, 3-COAT APPLICATION w/ WEEP SCREED @ FOUNDATION PLATE LINE, OVER WIRE LATH OVER (2) LAYERS GRADE 'D' BUILDING PAPER, OVER 1/2" SHEAR PLYWOOD. METAL PRIMER ON ALL GUTTERS & R.W.L. VERIFY ALL PAINT SELECTIONS WITH ARCHITECT.

21. EXTERIOR FINISH - WOOD SIDING - CEDAR OR IPE (TBD), MILLED PER ARCHITECT'S DETAIL, BLIND NAIL PATTERN OVER WHITE BUILDING PAPER. REVIEW WITH ARCHITECT PRIOR TO INSTALLATION.

22. INTERIOR PAINT LOW VOC (VERIFY ALL WITH ARCHITECT/ OWNER). WALLS - FLAT LATEX OR EGGSHELL ON DRYWALL PRIMER; CEILING - FLAT, DOORS & TRIM - OIL OR SEMI GLOSS LATEX (VERIFY PRICE OPTIONS). CAULK ALL HOLES, AND PRIME (RE-CAULK & SAND AS NECESSARY) PRIOR TO FINAL FINISH COAT.

FLOOR FINISHES

23. SMOOTH CONCRETE FINISH AT GARAGE SLAB. PROVIDE CONTROL JOINTS @ 10'-0" o.c. EACH WAY. SLOPE SLAB 1/8" PER FOOT TOWARDS OPENINGS TO DRAIN PER CIVIL DRAINAGE PLAN.

24. HARDWOOD FLOORING, VERIFY STAIN, FINISHES, PATTERNS & DETAILS W/ARCHITECT. HARDWOOD FLOOR WILL BE LEVELED WITH TILED FLOOR & WITH CONCRETE FLOOR. USE SCHLUTER TRANSITION. VERIFY SCHLUTER DESIGN WITH ARCHITECT.

25. TILE FLOOR IN BATHROOMS (SELECTION TBD)

26. USE METAL SCHLUTER TRANSITION BETWEEN DIFFERENT FLOORING (VEIRFY SCHLUTER DESIGN WITH ARCHITECT)

PLUMBING, BATH FIXTURES, ACCESSORIES

27. ALL NEW BATHROOM CABINETS, COUNTERS, PLUMBING FIXTURES, ACCESSORIES, & FINISHES TO BE SELECTED BY ARCHITECT/ OWNER. VERIFY ALL ROUGH PLUMBING REQUIREMENTS. SHOWERS & TUB/SHOWER COMBINATIONS SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVES OF THE THERMOSTATIC MIXING OR PRESSURE BALANCE TYPE ADJUSTED TO 120 DEGREES MAXIMUM.

28. AT ALL SHOWERS & TUBS WITH SHOWERS, WALL COVERINGS SHALL BE PORTLAND CEMENT CONCRETE, CERAMIC OR STONE TILE, OR APPROVED EQUAL TO 80" ABOVE DRAIN. MATERIALS OTHER OR APPROVED EQUAL TO 80" ABOVE DRAIN. MATERIALS OTHER THAN STRUCTURAL ELEMENTS SHALL BE MOISTURE RESISTANT. VERIFY FINISH MATERIALS W/ARCHITECT. INSTALL HOT-MOP SHOWER PAN @ ALL SHOWERS (TYPICAL). BASE MATERIAL BENEATH SHOWER PAN TO SLOPE TO DRAIN PER UPC 410.5 VERIFY DRAIN LOCATION W/OWNER. TEMPERED GLASS @ WINDOW & SHOWER ENCLOSURE. SHOWER DOORS & ENCLOSURES SHALL BE FRAMELESS, TEMPERED. %" OR ">" GLASS. SHOWER COMPARTMENTS. REGARDLESS OF SHAPE. SHALL HAVE A MINIMUM INTERIOR FLOOR AREA OF 1,024 SQUARE INCHES, AND ALSO SHALL BE CAPABLE OF ENCOMPASSING A 30-INCH CIRCLE, PER UPC 412.7

29. PROVIDE & INSTALL ALL BATHROOM ACCESSORIES (I.E. VANITIES, MIRRORS. MEDICINE CABINETS, TOWEL BARS & HOOKS, TOILET PAPER HOLDERS, SOAP DISHES, ETC.) TO BE SELECTED BY ARCHITECT/OWNER. VERIFY LOCATIONS, PROVIDE BLOCKING.

PLUMBING

30. VERIFY PLUMBING REQUIREMENTS & FRAMING REQUIREMENTS FOR CHOSEN PLUMBING

31. MAINTAIN A MIN. 30 INCH WIDE CLEAR SPACE AT WATER CLOSET, EXTENDING AT LEAST SPRINKLER SYSTEM. SUCH ROOMS SHALL INCLUDE ADEQUATE VENTILATION FROM EITHER: 24 INCHES IN FRONT OF WATER CLOSET PER UBC 2904. WATER CLOSETS TO HAVE MAX. FLOW RATE OF 1.28 GALLONS PER FLUSH, PER CALIFORNIA HEALTH & SAFETY CODE. ALL

32. PROVIDE WATER CLOSET CLEARANCE MIN. 24" IN FRONT & 15" FROM THE CENTER TO A WALL OR OBSTRUCTION (CPC 402.5)

SHOWER HEADS TO HAVE A MAX. FLOW OF 2.0 GPM, & KITCHEN FAUCET TO HAVE A MAX.

FLOW RATE OF 1.8 GPM, & LAVATORY FAUCETS TO HAVE MAX. FLOW RATE OF 1.5 GPM.

33. PROVIDE AN OPENING TO THE SHOWER COMPARTMENT WITH MIN. DOOR CLEAR WIDTH OF 22" (CPC 408.5)

34. PER CPC 603.5.7 ALL HOSE BIBS MUST HAVE BACK FLOW PROTECTION.

AT ALL NEW, RELOCATED, AND REPLACED GAS UTILITY METERS.

3' IN EVERY DIRECTION FROM A LOT LINE, ALLEY & STREET. CPC 906.2.

35. PROVIDE AN ATMOSPHERIC & LISTED ACCESSIBLE BACK FLOW WATER VALVE INSTALLED FOR ALL NEW, REPAIRED, REPLACED OR ALTERED BUILDING SEWERS.

36. BUILDING SEWERS SHALL HAVE AN ATMOSPHERIC RELIEF VALVE INSTALLED UPSTREAM OF THE BACKWATER VALVE OUTSIDE THE BUILDING IN CLOSE PROXIMITY TO THE FOUNDATION. PROVIDE STREET CLEAN OUT 2' TO 5' BEHIND PROPERTY LINE.

37. PROVIDE STATE ARCHITECT CERTIFIED EARTHQUAKE-ACTUATED GAS SHUTOFF VALVES

37A, EACH VENT SHALL TERMINATE NOT LESS THAN 10' FROM, OR NOT LESS THAN 3' ABOVE AN OPENABLE WINDOW, DOOR, OPENING, AIR INTAKE, OR VENT SHAFT, OR NOT LESS THAN

BASEMENT THEATERS/MEDIA ROOMS

38. BASEMENT THEATERS/MEDIA ROOMS SHALL HAVE EITHER A DIRECT EMERGENCY EGRESS DOOR OR WINDOW TO OUTSIDE OR AN INTERCONNECTED SMOKE DETECTION & VISUAL STROBE INSTALLED WHEN THE ENTIRE BUILDING IS PROVIDED WITH A NFPA 13D

A. OUTSIDE THE BUILDING PER 2013 CBC SECTION 1203.4.1. OR B. INSIDE THE BUILDING PER 2013 CBC SECTION 1203.4.1.1 WITH THE DOOR TO THE

FIREPLACES

39. ONLY DECORATIVE GAS APPLIANCES, PELLET-FUELED WOOD HEATERS OR EPA PHASE II CERTIFIED WOOD-BURNING APPLIANCES MAY BE INSTALLED AS PERMITTED PER CHAPTER 12.64 OF THE MUNICIPAL CODE (SOLID FUEL BURNING FIREPLACES SHALL BE EPA

VENTILATION

40. MIN. LOCAL EXHAUST RATE OF BATHROOM FANS SHALL BE 50 CFM FOR INTERMITTENT VENTILATION OR 20 CFM FOR CONTINUOUS VENTILATION. CRC R303.3 & CMC TABLE 403.7.

SUMP PUMPS

THEATER CLOSED

SEWER & EXTERIOR STORM DRAINS AT LIGHT WELLS. A SEWER EJECTOR OR SEWAGE PUMP RECEIVING THE DISCHARGE OF WATER CLOSET SHALL BE CAPABLE OF PASSING A 1-1/2" DIAMETER SOLID BALL, & THE DISCHARGE PIPING OF EACH EJECTOR OR PUMP SHALL HAVE A BACKWATER VALVE & GATE VALVE, & BE A MINIMUM OF 2" IN DIAMETER PER CPC 710.3.2

FRAMING NOTES:

- ALL THE DIMENSIONS ARE TO FACE OF STUD
- Dimensions of ALL the openings are of frame size of windows and doors.

Framer to add:

* 4" to R/O of interior doors and entry door (2" on each

* 1/2" to R/O of windows (1/4"on each side).

- See bathroom elevations for niches. Review with architect before framing

-Transition between flooring materials will have metal

- Review with architect location for mini split (AC)

Framer to notify architect and builder if windows need to be shortened.

SEE SHEET A0.3 FOR BUILDING CODE REQUIREMENTS

KEY TO SYMBOLS:



WINDOW SYMBOL, SEE SHEET A3.3 AND **EXTERIOR ELEVATIONS**

DOOR SYMBOL, SEE SHEET A3.3 AND EXTERIOR ELEVATIONS

GREEN BUILDING NOTES

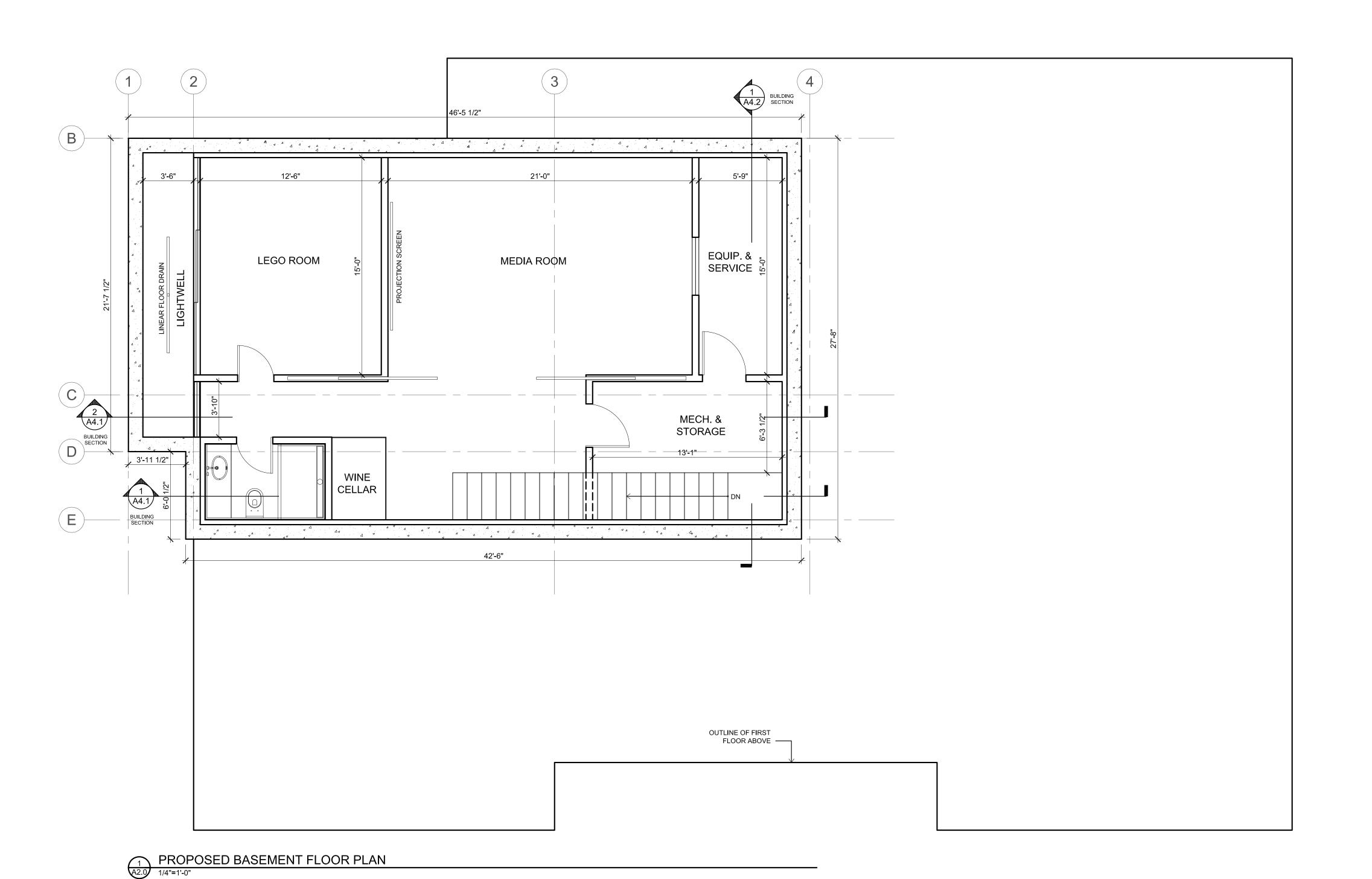
1. THAT ALL EXISTING NONCOMPLIANT PLUMBING FIXTURES SHALL BE REPLACED WITH WATER-CONSERVING PLUMBING FIXTURES, AND ALL NEW PLUMBING FIXTURES SHALL COMPLY WITH WATER-CONSERVING PLUMBING FIXTURES. CGBSC **SECTION 301.1.1**

2. THE EFFECTIVE FLUSH VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. CGBSC SECTION 4.303.1.1

3. ALL SHOWERHEADS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 2.0 GALLONS PER MINUTE AT 80 PSI, CGBSC SECTION 4.303.1.3.1

4. THE MAXIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT EXCEED 1.5 GALLONS PER MINUTE AT 60 PSI. CGBSC SECTION 4.303.1.4.1

5. THE MAXIMUM FLOW RATE OF KITCHEN FAUCETS SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 60 PSI, KITCHEN FAUCETS MAY TEMPORARILY INCREASE THE FLOW ABOVE THE MAXIMUM RATE, BUT NOT TO EXCEED 2.2 GALLONS PER MINUTE AT 60 PSI, AND MUST DEFAULT TO A MAXIMUM FLOW RATE OF 1.8 GALLONS PER MINUTE AT 60 PSI, CGBSC SECTION 4.303.1.4.4



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5. PER CRC 311.3 ALL EXTERIOR DOORS REQUIRE A LANDING. PROVIDE A LEVEL FLOOR LANDING ON EACH SIDE OF NON-EGRESS EXTERIOR DOORS NO MORE THAN $7\,\%$ " BELOW THE THRESHOLD.

7 94" BELOW THE TR

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EDAMING

6. CONTRACTOR TO VERIFY DIMENSIONS WITH ARCHITECT BEFORE START OF

7. SEE STRUCTURAL PLANS FOR SHEAR WALLS, POSTS, & HOLD-DOWN LOCATIONS. SEE BUILDING SECTIONS FOR TYPICAL WALL INSULATION LOCATIONS & VALUES. SEE ROOF PLAN FOR GUTTERS, PARAPETS & SKYLIGHTS. SEE WINDOW SCHEDULE & REVIEW WITH ARCHITECT.

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12. INTERIOR FINISHES - %" GYPSUM BOARD TYP. ALL INTERIOR WALLS U.N.O. %" TYPE 'X' GYPSUM BOARD @ ALL WALLS & CEILING IN GARAGE & AT ENCLOSED SPACE LINDER STAIRS

13. VERIFY ALL PAINT & FINISH SELECTIONS, BASEBOARD, TRIM, AND DOOR & WINDOW CASINGS W/ ARCHITECT IN FIELD. PROVIDE MOCK-UPS FOR APPROVAL PRIOR TO INSTALLATION.

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16. KITCHEN CABINETRY - VERIFY INTERIOR ELEVATIONS WITH ARCHITECT, PRIOR TO FRAMING, ELECTRICAL, AND PLUMBING.

17. BUILT-IN SHELVES & CABINETS, VERIFY WITH OWNER/ARCHITECT.

STAIRS, HANDRAILS AND GUARDRAILS

18. PROVIDE HANDRAILS & GUARDRAILS TO BE CAPABLE OF SUPPORTING 200 LB CONCENTRATED LOAD AT ANY ANGLE TO RAIL. OPEN GUARDRAILS OR HANDRAILS SHALL HAVE INTERMEDIATE RAILS OR AN ORNAMENTAL PATTERN SUCH THAT A SPHERE 4 INCHES IN DIAMETER CANNOT PASS THROUGH, TOP OF GUARDRAILS SHALL NOT BE LESS THAN 42 INCHES IN HEIGHT.

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INTERIOR AND EXTERIOR FINISHES

20. EXTERIOR FINISH - STUCCO PAINTED CEMENT PLASTER OVER PRIMER ½" MIN. THICK, 3-COAT APPLICATION w/ WEEP SCREED @ FOUNDATION PLATE LINE, OVER WIRE LATH OVER (2) LAYERS GRADE 'D' BUILDING PAPER, OVER 1/2" SHEAR PLYWOOD. METAL PRIMER ON ALL GUTTERS & R.W.L. VERIFY ALL PAINT SELECTIONS WITH ARCHITECT.

21. EXTERIOR FINISH - WOOD SIDING - CEDAR OR IPE (TBD), MILLED PER ARCHITECT'S DETAIL, BLIND NAIL PATTERN OVER WHITE BUILDING PAPER. REVIEW WITH ARCHITECT PRIOR TO INSTALLATION.

22. INTERIOR PAINT LOW VOC (VERIFY ALL WITH ARCHITECT/ OWNER). WALLS - FLAT LATEX OR EGGSHELL ON DRYWALL PRIMER; CEILING - FLAT, DOORS & TRIM - OIL OR SEMI GLOSS LATEX (VERIFY PRICE OPTIONS). CAULK ALL HOLES, AND PRIME (RE-CAULK & SAND AS NECESSARY) PRIOR TO FINAL FINISH COAT.

FLOOR FINISHES

23. SMOOTH CONCRETE FINISH AT GARAGE SLAB. PROVIDE CONTROL JOINTS @ 10'-0" o.c. EACH WAY. SLOPE SLAB 1/8" PER FOOT TOWARDS OPENINGS TO DRAIN PER CIVIL DRAINAGE PLAN.

24. HARDWOOD FLOORING. VERIFY STAIN, FINISHES, PATTERNS & DETAILS W/ARCHITECT. HARDWOOD FLOOR WILL BE LEVELED WITH TILED FLOOR & WITH CONCRETE FLOOR. USE SCHLUTER TRANSITION. VERIFY SCHLUTER DESIGN WITH ARCHITECT

25. TILE FLOOR IN BATHROOMS (SELECTION TBD)

26. USE METAL SCHLUTER TRANSITION BETWEEN DIFFERENT FLOORING (VEIRFY SCHLUTER DESIGN WITH ARCHITECT)

PLUMBING, BATH FIXTURES, ACCESSORIES

27. ALL NEW BATHROOM CABINETS, COUNTERS, PLUMBING FIXTURES, ACCESSORIES, & FINISHES TO BE SELECTED BY ARCHITECT/ OWNER. VERIFY ALL ROUGH PLUMBING REQUIREMENTS. SHOWERS & TUB/SHOWER COMBINATIONS SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVES OF THE THERMOSTATIC MIXING OR PRESSURE BALANCE TYPE ADJUSTED TO 120 DEGREES MAXIMUM.

28. AT ALL SHOWERS & TUBS WITH SHOWERS, WALL COVERINGS SHALL BE PORTLAND CEMENT CONCRETE, CERAMIC OR STONE TILE, OR APPROVED EQUAL TO 80" ABOVE DRAIN. MATERIALS OTHER OR APPROVED EQUAL TO 80" ABOVE DRAIN. MATERIALS OTHER THAN STRUCTURAL ELEMENTS SHALL BE MOISTURE RESISTANT. VERIFY FINISH MATERIALS W/ARCHITECT. INSTALL HOT-MOP SHOWER PAN @ ALL SHOWERS (TYPICAL). BASE MATERIAL BENEATH SHOWER PAN TO SLOPE TO DRAIN PER UPC 410.5 VERIFY DRAIN LOCATION W/OWNER. TEMPERED GLASS @ WINDOW & SHOWER ENCLOSURE. SHOWER DOORS & ENCLOSURES SHALL BE FRAMELESS, TEMPERED, 3/8" OR 1/2" GLASS. SHOWER COMPARTMENTS, REGARDLESS OF SHAPE, SHALL HAVE A MINIMUM INTERIOR FLOOR AREA OF 1,024 SQUARE INCHES, AND ALSO SHALL BE CAPABLE OF ENCOMPASSING A 30-INCH CIRCLE, PER UPC 412.7

29. PROVIDE & INSTALL ALL BATHROOM ACCESSORIES (I.E. VANITIES, MIRRORS, MEDICINE CABINETS, TOWEL BARS & HOOKS, TOILET PAPER HOLDERS, SOAP DISHES, ETC.) TO BE SELECTED BY ARCHITECT/OWNER. VERIFY LOCATIONS, PROVIDE BLOCKING.

PI UMBINO

30. VERIFY PLUMBING REQUIREMENTS & FRAMING REQUIREMENTS FOR CHOSEN PLUMBING FIXTURES.

31. MAINTAIN A MIN. 30 INCH WIDE CLEAR SPACE AT WATER CLOSET, EXTENDING AT LEAST
24 INCHES IN FRONT OF WATER CLOSET PER UBC 2904. WATER CLOSETS TO HAVE MAX.
FLOW RATE OF 1.28 GALLONS PER FLUSH, PER CALIFORNIA HEALTH & SAFETY CODE. ALL
SHOWER HEADS TO HAVE A MAX. FLOW OF 2.0 GPM, & KITCHEN FAUCET TO HAVE A MAX.
FLOW RATE OF 1.8 GPM, & LAVATORY FAUCETS TO HAVE MAX. FLOW RATE OF 1.5 GPM.

VISUAL STROBE SPRINKLER SYSTEM STRONG SPRINKLER ST

32. PROVIDE WATER CLOSET CLEARANCE MIN. 24" IN FRONT & 15" FROM THE CENTER TO A WALL OR OBSTRUCTION (CPC 402.5)

33. PROVIDE AN OPENING TO THE SHOWER COMPARTMENT WITH MIN. DOOR CLEAR WIDTH OF 22" (CPC 408.5)

34. PER CPC 603.5.7 ALL HOSE BIBS MUST HAVE BACK FLOW PROTECTION.

35. PROVIDE AN ATMOSPHERIC & LISTED ACCESSIBLE BACK FLOW WATER VALVE INSTALLED FOR ALL NEW, REPAIRED, REPLACED OR ALTERED BUILDING SEWERS.

36. BUILDING SEWERS SHALL HAVE AN ATMOSPHERIC RELIEF VALVE INSTALLED UPSTREAM OF THE BACKWATER VALVE OUTSIDE THE BUILDING IN CLOSE PROXIMITY TO THE FOUNDATION. PROVIDE STREET CLEAN OUT 2' TO 5' BEHIND PROPERTY LINE.

37. PROVIDE STATE ARCHITECT CERTIFIED EARTHQUAKE-ACTUATED GAS SHUTOFF VALVES AT ALL NEW, RELOCATED, AND REPLACED GAS UTILITY METERS.

37A. EACH VENT SHALL TERMINATE NOT LESS THAN 10' FROM, OR NOT LESS THAN 3' ABOVE AN OPENABLE WINDOW, DOOR, OPENING, AIR INTAKE, OR VENT SHAFT, OR NOT LESS THAN 3' IN EVERY DIRECTION FROM A LOT LINE, ALLEY & STREET. CPC 906.2.

BASEMENT THEATERS/MEDIA ROOMS

38. BASEMENT THEATERS/MEDIA ROOMS SHALL HAVE EITHER A DIRECT EMERGENCY EGRESS DOOR OR WINDOW TO OUTSIDE OR AN INTERCONNECTED SMOKE DETECTION & VISUAL STROBE INSTALLED WHEN THE ENTIRE BUILDING IS PROVIDED WITH A NFPA 13D SPRINKLER SYSTEM. SUCH ROOMS SHALL INCLUDE ADEQUATE VENTILATION FROM EITHER:

A. OUTSIDE THE BUILDING PER 2013 CBC SECTION 1203.4.1. OR
B. INSIDE THE BUILDING PER 2013 CBC SECTION 1203.4.1.1 WITH THE DOOR TO THE

FIREPLACES

39. ONLY DECORATIVE GAS APPLIANCES, PELLET-FUELED WOOD HEATERS OR EPA PHASE II CERTIFIED WOOD-BURNING APPLIANCES MAY BE INSTALLED AS PERMITTED PER CHAPTER 12.64 OF THE MUNICIPAL CODE (SOLID FUEL BURNING FIREPLACES SHALL BE EPA CERTIFIED).

VENTILATION

40. MIN. LOCAL EXHAUST RATE OF BATHROOM FANS SHALL BE 50 CFM FOR INTERMITTENT VENTILATION OR 20 CFM FOR CONTINUOUS VENTILATION. CRC R303.3 & CMC TABLE 403.7.

SUMP PUMPS

SEWER & EXTERIOR STORM DRAINS AT LIGHT WELLS. A SEWER EJECTOR OR SEWAGE PUMP RECEIVING THE DISCHARGE OF WATER CLOSET SHALL BE CAPABLE OF PASSING A 1-1/2" DIAMETER SOLID BALL, & THE DISCHARGE PIPING OF EACH EJECTOR OR PUMP SHALL HAVE A BACKWATER VALVE & GATE VALVE, & BE A MINIMUM OF 2" IN DIAMETER PER CPC 710.3.2

FRAMING NOTES:

- ALL THE DIMENSIONS ARE TO FACE OF STUD

 Dimensions of ALL the openings are of frame size of windows and doors.

Framer to add:

* 4" to R/O of interior doors and entry door (2" on each side).

- * 1/2" to R/O of windows (1/4"on each side).
- See bathroom elevations for niches. Review with architect before framing.

-Transition between flooring materials will have metal Schluter.

- Review with architect location for mini split (AC)

Framer to notify architect and builder if windows need to be shortened.

SEE SHEET A0.3 FOR BUILDING CODE REQUIREMENTS

KEY TO SYMBOLS:

11 FLOOR PLAN KEYNOTES

WINDOW SYMBOL, SEE SHEET A3.3 AND EXTERIOR ELEVATIONS

DOOR SYMBOL, SEE SHEET A3.3 AND EXTERIOR ELEVATIONS

GREEN BUILDING NOTES

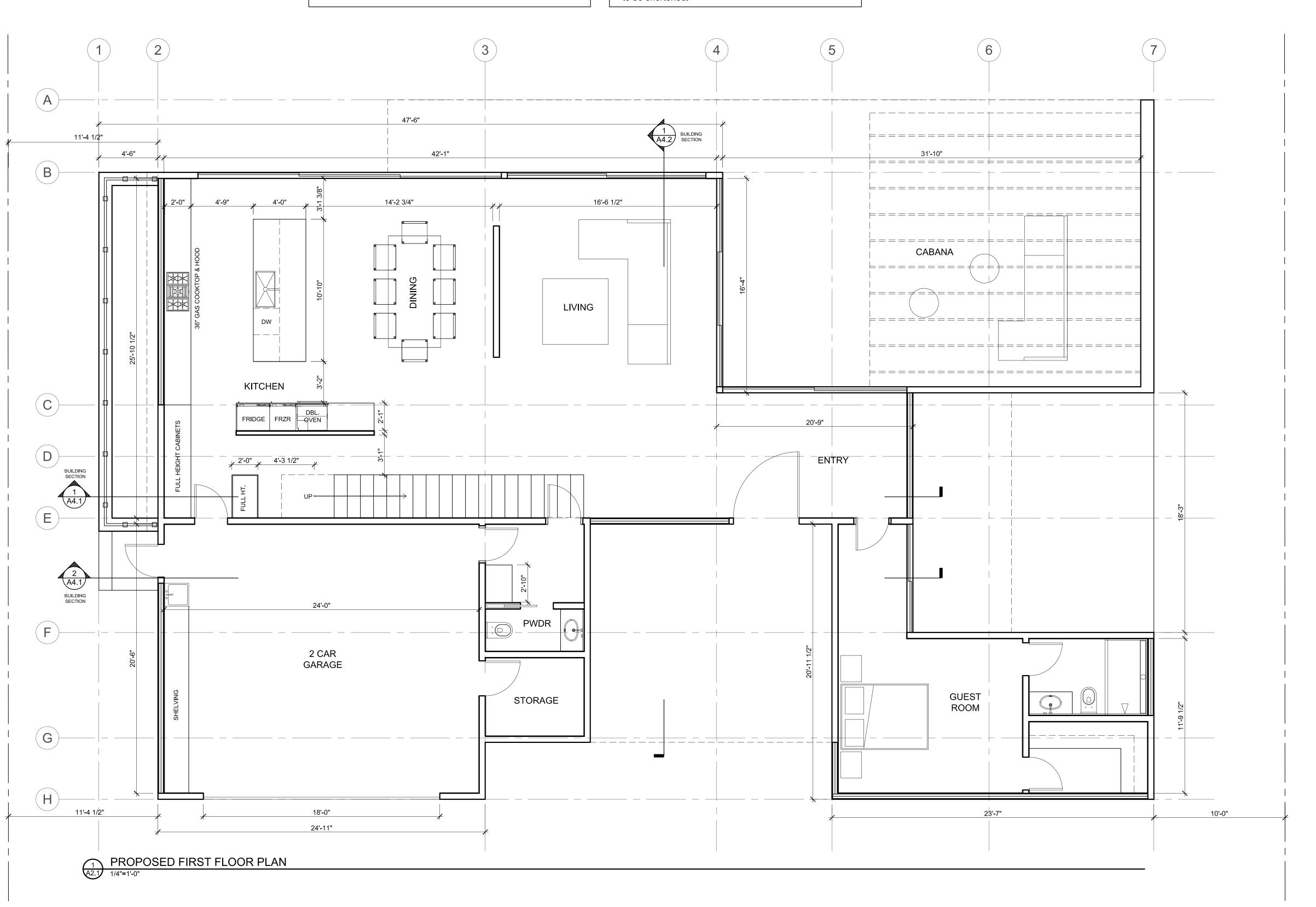
1. THAT ALL EXISTING NONCOMPLIANT PLUMBING FIXTURES SHALL BE REPLACED WITH WATER-CONSERVING PLUMBING FIXTURES, AND ALL NEW PLUMBING FIXTURES SHALL COMPLY WITH WATER-CONSERVING PLUMBING FIXTURES. CGBSC SECTION 301.1.1

2. THE EFFECTIVE FLUSH VOLUME OF ALL WATER CLOSETS SHALL NOT EXCEED 1.28 GALLONS PER FLUSH. CGBSC SECTION 4.303.1.1

3. ALL SHOWERHEADS SHALL HAVE A MAXIMUM FLOW RATE OF NOT MORE THAN 2.0 GALLONS PER MINUTE AT 80 PSI. CGBSC SECTION 4.303.1.3.1

4. THE MAXIMUM FLOW RATE OF RESIDENTIAL LAVATORY FAUCETS SHALL NOT EXCEED 1.5 GALLONS PER MINUTE AT 60 PSI. CGBSC SECTION 4.303.1.4.1

5. THE MAXIMUM FLOW RATE OF KITCHEN FAUCETS SHALL NOT EXCEED 1.8 GALLONS PER MINUTE AT 60 PSI. KITCHEN FAUCETS MAY TEMPORARILY INCREASE THE FLOW ABOVE THE MAXIMUM RATE, BUT NOT TO EXCEED 2.2 GALLONS PER MINUTE AT 60 PSI, AND MUST DEFAULT TO A MAXIMUM FLOW RATE OF 1.8 GALLONS PER MINUTE AT 60 PSI. CGBSC SECTION 4.303.1.4.4



REVISIONS BY

6.25.18
PLANNING DEPT. MM

7.05.18
PLANNING DEPT. MM

8.20.18
PLANNING DEPT. MM

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alo Alto 94306 ax: 650.472.3795 rchitects.com

ауdan <mark>— Т</mark>гсh P.O.Box 60864, Palo Alt I: 650.303.5977, Fax: 65



Bodis Residence

A.P.N. 189-41-079

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DATE 7.05.18

SCALE AS NOTED

JOB NAME BODIS

SHEET

A2.1

1. SEE SITE PLAN & LANDSCAPING PLANS FOR NEW FENCING, ENTRY PATH, PAVING. DRIVEWAY, PATIOS, ETC.

2. DECKS & BALCONIES - VERIFY TYPE & FINISH W/ ARCHITECT & OWNER. SELECTED MATERIAL SHALL BE SLIP-RESISTANT IN WET CONDITIONS.

3. ALL EXTERIOR EGRESS DOORS MUST HAVE A MIN. 36" DEEP CLEAR LANDING NOT MORE THAN 1 1/2" LOWER THAN THE TOP OF THRESHOLD & WITH A SLOPE NO GREATER THAN ¼" PER FOOT.

4. DOOR BETWEEN GARAGE & DWELLING TO BE 1 3/8" THICK, TIGHT FITTING, SELF-LATCHING, 20 MINUTE FIRE RATED DOOR.

5. PER CRC 311.3 ALL EXTERIOR DOORS REQUIRE A LANDING. PROVIDE A LEVEL FLOOR LANDING ON EACH SIDE OF NON-EGRESS EXTERIOR DOORS NO MORE THAN 7 3/4" BELOW THE THRESHOLD.

- EXTERIOR LANDINGS NEED TO SLOPE A MAX OF 2% AND IF NOT AT GRADE NEED STAIRS OR RAMPS TO GRADE.

- A LANDING IS NOT REQUIRED WHERE A STAIRWAY OF TWO OR FEWER RISERS IS LOCATED ON THE EXTERIOR SIDE OF THE DOOR PROVIDED THE DOOR DOES NOT SWING OVER THE STAIRWAY.

6. CONTRACTOR TO VERIFY DIMENSIONS WITH ARCHITECT BEFORE START OF CONSTRUCTION.

7. SEE STRUCTURAL PLANS FOR SHEAR WALLS, POSTS, & HOLD-DOWN LOCATIONS. SEE BUILDING SECTIONS FOR TYPICAL WALL INSULATION LOCATIONS & VALUES. SEE ROOF PLAN FOR GUTTERS, PARAPETS & SKYLIGHTS. SEE WINDOW SCHEDULE & REVIEW WITH ARCHITECT.

8. FRAMING CONTRACTOR SHALL CAREFULLY REVIEW ALL ELECTRICAL, MECHANICAL, & STRUCTURAL PLANS AND CONSIDER ALL ISSUES IN LOCATION OF SIGNIFICANT BEAMS, LAYOUT OF FLOOR, & CEILING JOISTS TO ACCOMMODATE LIGHT CANS, PLUMBING, MINIMIZE HEADING OFF, CENTER FLOOR REGISTERS W/ DOORS, ALIGN CHUTES & CHASES, ETC. CONTRACTOR TO DISCUSS PLAN W/ARCHITECT BEFORE THE START OF FRAMING.

9. EXTERIOR WALLS - (N) WALLS 2x6 WOOD STUDS @ 16" o.c. TYP., EXCEPT WHERE

10. INTERIOR WALLS - ALL INTERIOR WALLS ARE 2x6 WOOD STUDS @ 16"o.c. TYP. EXCEPT WHERE OTHERWISE NOTED.

INTERIOR FINISHES

11. BLOCKING - SEE INTERIOR ELEVATIONS & FINISH SCHEDULE AND VERIFY WITH ARCHITECT PRIOR TO FRAMING. CONTRACTOR TO INSTALL BLOCKING AT ALL WALLS FOR BASE, TOWEL BARS, LIGHT FIXTURES, HANGING VANITIES & CABINETS, FLOATING SHELVES, TVs, ETC.

12. INTERIOR FINISHES - %" GYPSUM BOARD TYP. ALL INTERIOR WALLS U.N.O. %" TYPE 'X' GYPSUM BOARD @ ALL WALLS & CEILING IN GARAGE & AT ENCLOSED SPACE UNDER STAIRS.

13. VERIFY ALL PAINT & FINISH SELECTIONS, BASEBOARD, TRIM, AND DOOR & WINDOW CASINGS W/ ARCHITECT IN FIELD. PROVIDE MOCK-UPS FOR APPROVAL PRIOR TO INSTALLATION.

14. GARAGE WALLS & CEILING TO BE FINISHED WITH %" TYPE "X" GYPSUM BOARD FROM FOUNDATION TO ROOF SHEATHING AT SEPARATION WALL BETWEEN GARAGE & RESIDENCE. THE CEILING OF THE FLOOR-CEILING ASSEMBLY ABOVE THE GARAGE AND THE MEMBERS THAT SUPPORT THIS FLOOR-CEILING SEPARATION SUCH AS BEAM AND COLUMNS.

CUSTOM CABINETRY AND BUILT-INS

15. CABINETRY - VERIFY INTERIOR ELEVATIONS WITH ARCHITECT PRIOR TO FRAMING, ELECTRICAL, AND PLUMBING.

16. KITCHEN CABINETRY - VERIFY INTERIOR ELEVATIONS WITH ARCHITECT, PRIOR TO FRAMING, ELECTRICAL, AND PLUMBING.

17. BUILT-IN SHELVES & CABINETS, VERIFY WITH OWNER/ARCHITECT.

STAIRS, HANDRAILS AND GUARDRAILS

18. PROVIDE HANDRAILS & GUARDRAILS TO BE CAPABLE OF SUPPORTING 200 LB CONCENTRATED LOAD AT ANY ANGLE TO RAIL. OPEN GUARDRAILS OR HANDRAILS SHALL HAVE INTERMEDIATE RAILS OR AN ORNAMENTAL PATTERN SUCH THAT A SPHERE 4 INCHES IN DIAMETER CANNOT PASS THROUGH, TOP OF GUARDRAILS SHALL NOT BE LESS THAN 42 INCHES IN HEIGHT.

19. ONE HOUR FIRE RATED CONSTRUCTION CONSISTING OF 2 LAYERS OF TYPE-X GYPSUM BOARD TO BE INSTALLED ON THE UNDERSIDE OF STAIRS & BETWEEN GARAGE AND HABITABLE SPACE.

INTERIOR AND EXTERIOR FINISHES

20. EXTERIOR FINISH - STUCCO PAINTED CEMENT PLASTER OVER PRIMER $\frac{7}{3}$ " MIN. THICK, 3-COAT APPLICATION w/ WEEP SCREED @ FOUNDATION PLATE LINE, OVER WIRE LATH OVER (2) LAYERS GRADE 'D' BUILDING PAPER, OVER 1/2" SHEAR PLYWOOD. METAL PRIMER ON ALL GUTTERS & R.W.L. VERIFY ALL PAINT SELECTIONS WITH ARCHITECT.

21, EXTERIOR FINISH - WOOD SIDING - CEDAR OR IPE (TBD), MILLED PER ARCHITECT'S DETAIL, BLIND NAIL PATTERN OVER WHITE BUILDING PAPER. REVIEW WITH ARCHITECT PRIOR TO INSTALLATION.

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23. SMOOTH CONCRETE FINISH AT GARAGE SLAB. PROVIDE CONTROL JOINTS @ 10'-0" o.c. EACH WAY. SLOPE SLAB 1/8" PER FOOT TOWARDS OPENINGS TO DRAIN PER CIVIL DRAINAGE PLAN.

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25. TILE FLOOR IN BATHROOMS (SELECTION TBD)

26. USE METAL SCHLUTER TRANSITION BETWEEN DIFFERENT FLOORING (VEIRFY SCHLUTER DESIGN WITH ARCHITECT)

PLUMBING, BATH FIXTURES, ACCESSORIES

27. ALL NEW BATHROOM CABINETS, COUNTERS, PLUMBING FIXTURES, ACCESSORIES, & FINISHES TO BE SELECTED BY ARCHITECT/ OWNER. VERIFY ALL ROUGH PLUMBING REQUIREMENTS. SHOWERS & TUB/SHOWER COMBINATIONS SHALL BE PROVIDED WITH INDIVIDUAL CONTROL VALVES OF THE THERMOSTATIC MIXING OR PRESSURE BALANCE TYPE ADJUSTED TO 120 DEGREES MAXIMUM.

28. AT ALL SHOWERS & TUBS WITH SHOWERS, WALL COVERINGS SHALL BE PORTLAND CEMENT CONCRETE, CERAMIC OR STONE TILE, OR APPROVED EQUAL TO 80" ABOVE DRAIN. MATERIALS OTHER OR APPROVED EQUAL TO 80" ABOVE DRAIN. MATERIALS OTHER THAN STRUCTURAL ELEMENTS SHALL BE MOISTURE RESISTANT. VERIFY FINISH MATERIALS W/ARCHITECT. INSTALL HOT-MOP SHOWER PAN @ ALL SHOWERS (TYPICAL). BASE MATERIAL BENEATH SHOWER PAN TO SLOPE TO DRAIN PER UPC 410.5 VERIFY DRAIN LOCATION W/OWNER. TEMPERED GLASS @ WINDOW & SHOWER ENCLOSURE. SHOWER DOORS & ENCLOSURES SHALL BE FRAMELESS, TEMPERED, %" OR 1/2" GLASS. SHOWER COMPARTMENTS, REGARDLESS OF SHAPE, SHALL HAVE A MINIMUM INTERIOR FLOOR AREA OF 1,024 SQUARE INCHES, AND ALSO SHALL BE CAPABLE OF ENCOMPASSING A 30-INCH CIRCLE, PER UPC 412.7

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30. VERIFY PLUMBING REQUIREMENTS & FRAMING REQUIREMENTS FOR CHOSEN PLUMBING

FIXTURES. 31. MAINTAIN A MIN. 30 INCH WIDE CLEAR SPACE AT WATER CLOSET, EXTENDING AT LEAST 24 INCHES IN FRONT OF WATER CLOSET PER UBC 2904. WATER CLOSETS TO HAVE MAX. FLOW RATE OF 1.28 GALLONS PER FLUSH, PER CALIFORNIA HEALTH & SAFETY CODE. ALL SHOWER HEADS TO HAVE A MAX. FLOW OF 2.0 GPM, & KITCHEN FAUCET TO HAVE A MAX.

32. PROVIDE WATER CLOSET CLEARANCE MIN. 24" IN FRONT & 15" FROM THE CENTER TO A WALL OR OBSTRUCTION (CPC 402.5)

FLOW RATE OF 1.8 GPM, & LAVATORY FAUCETS TO HAVE MAX. FLOW RATE OF 1.5 GPM.

33. PROVIDE AN OPENING TO THE SHOWER COMPARTMENT WITH MIN. DOOR CLEAR WIDTH

34. PER CPC 603.5.7 ALL HOSE BIBS MUST HAVE BACK FLOW PROTECTION.

FOUNDATION. PROVIDE STREET CLEAN OUT 2' TO 5' BEHIND PROPERTY LINE.

35. PROVIDE AN ATMOSPHERIC & LISTED ACCESSIBLE BACK FLOW WATER VALVE INSTALLED FOR ALL NEW, REPAIRED, REPLACED OR ALTERED BUILDING SEWERS.

36. BUILDING SEWERS SHALL HAVE AN ATMOSPHERIC RELIEF VALVE INSTALLED UPSTREAM OF THE BACKWATER VALVE OUTSIDE THE BUILDING IN CLOSE PROXIMITY TO THE

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BASEMENT THEATERS/MEDIA ROOMS

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A. OUTSIDE THE BUILDING PER 2013 CBC SECTION 1203.4.1. OR B. INSIDE THE BUILDING PER 2013 CBC SECTION 1203.4.1.1 WITH THE DOOR TO THE THEATER CLOSED

FIREPLACES

39. ONLY DECORATIVE GAS APPLIANCES, PELLET-FUELED WOOD HEATERS OR EPA PHASE II CERTIFIED WOOD-BURNING APPLIANCES MAY BE INSTALLED AS PERMITTED PER CHAPTER 12.64 OF THE MUNICIPAL CODE (SOLID FUEL BURNING FIREPLACES SHALL BE EPA

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SEWER & EXTERIOR STORM DRAINS AT LIGHT WELLS. A SEWER EJECTOR OR SEWAGE PUMP RECEIVING THE DISCHARGE OF WATER CLOSET SHALL BE CAPABLE OF PASSING A 1-1/2" DIAMETER SOLID BALL, & THE DISCHARGE PIPING OF EACH EJECTOR OR PUMP SHALL HAVE A BACKWATER VALVE & GATE VALVE, & BE A MINIMUM OF 2" IN DIAMETER PER CPC 710.3.2

FRAMING NOTES:

- ALL THE DIMENSIONS ARE TO FACE OF STUD

- Dimensions of ALL the openings are of frame size of windows and doors.

Framer to add:

* 4" to R/O of interior doors and entry door (2" on each

- * 1/2" to R/O of windows (1/4"on each side).
- See bathroom elevations for niches. Review with architect before framing.

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SEE SHEET A0.3 FOR BUILDING CODE REQUIREMENTS

KEY TO SYMBOLS:

11 FLOOR PLAN KEYNOTES

WINDOW SYMBOL. SEE SHEET A3.3 AND EXTERIOR ELEVATIONS

DOOR SYMBOL, SEE SHEET A3.3 AND EXTERIOR **ELEVATIONS**

GREEN BUILDING NOTES

SECTION 301.1.1

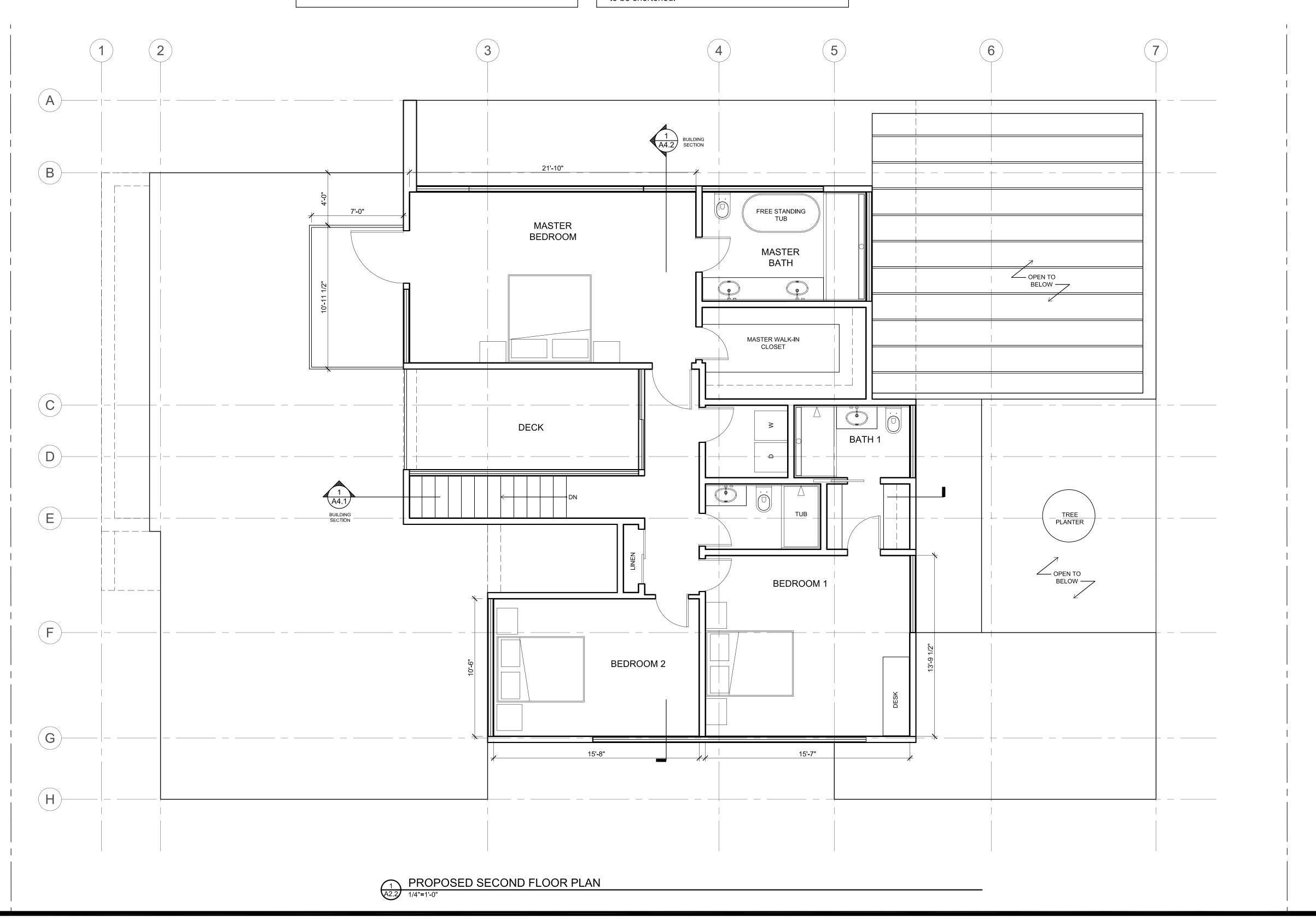
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REVISIONS 6.25.18 PLANNING DEPT. 7.05.18 PLANNING DEPT. 8.20.18 PLANNING DEPT.

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ROOFING MATERIAL: TPO ROOFING MEMBRANE

FIRESTONE PRODUCT ESR AND LINK AVAILABLE UPON REQUEST

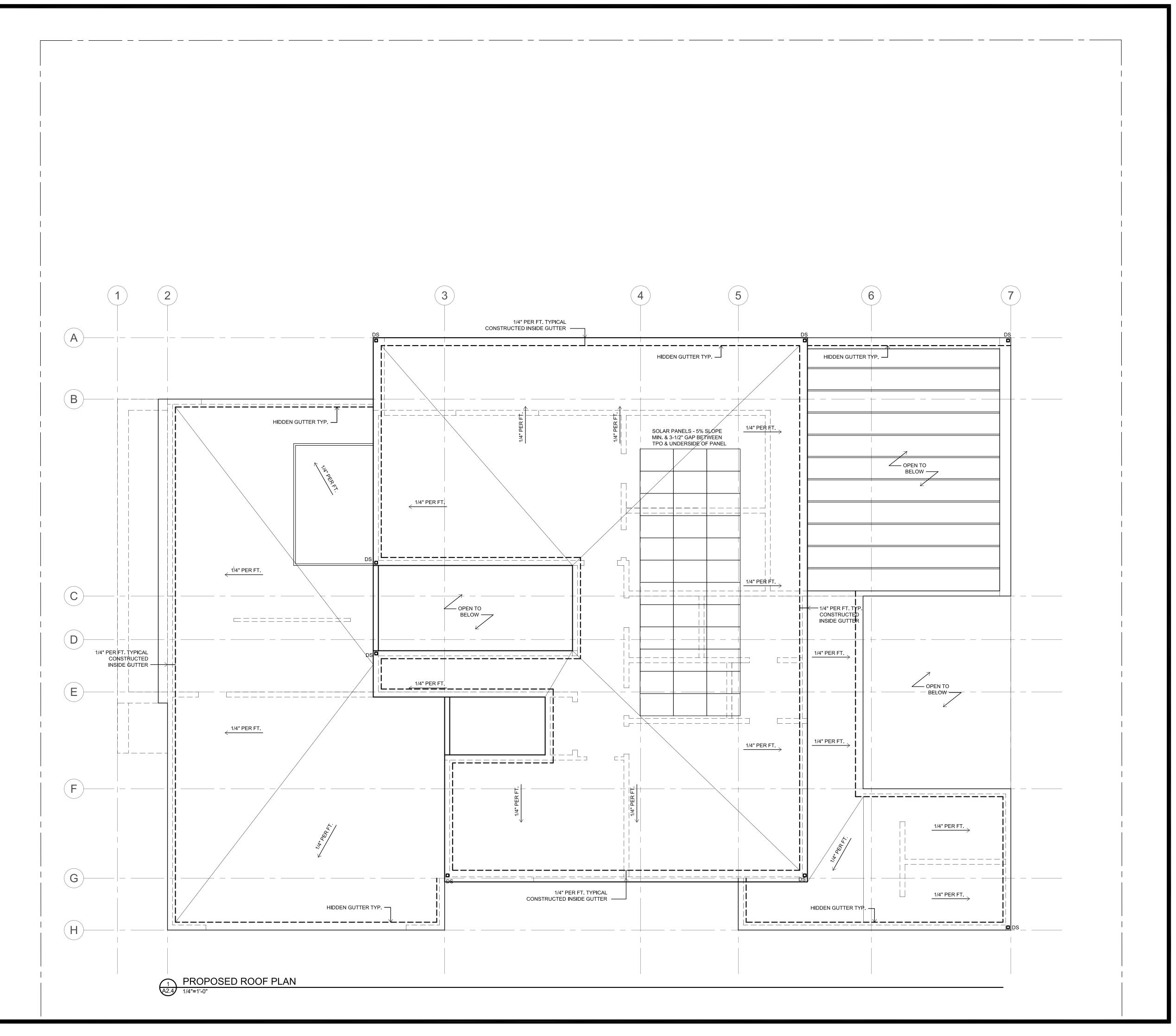
<u>VENTING: OVERHANGS TO HAVE A CONTINUOUS</u> <u>SCREENED VENT</u>

INSULATION: R38 CLOSED CELL FOAM INSULATION

BAYER BAY SEAL CCX CLOSED CELL ESR AVILABLE UPON REQUEST

NOTE:

FINISHED ROOFING MATERIAL SHALL BE INSTALLED AND COMPLETED PRIOR TO FRAME INSPECTION.



REVISIONS BY

6.25.18
PLANNING DEPT. MM

7.05.18
PLANNING DEPT. MM

8.20.18
PLANNING DEPT. MM

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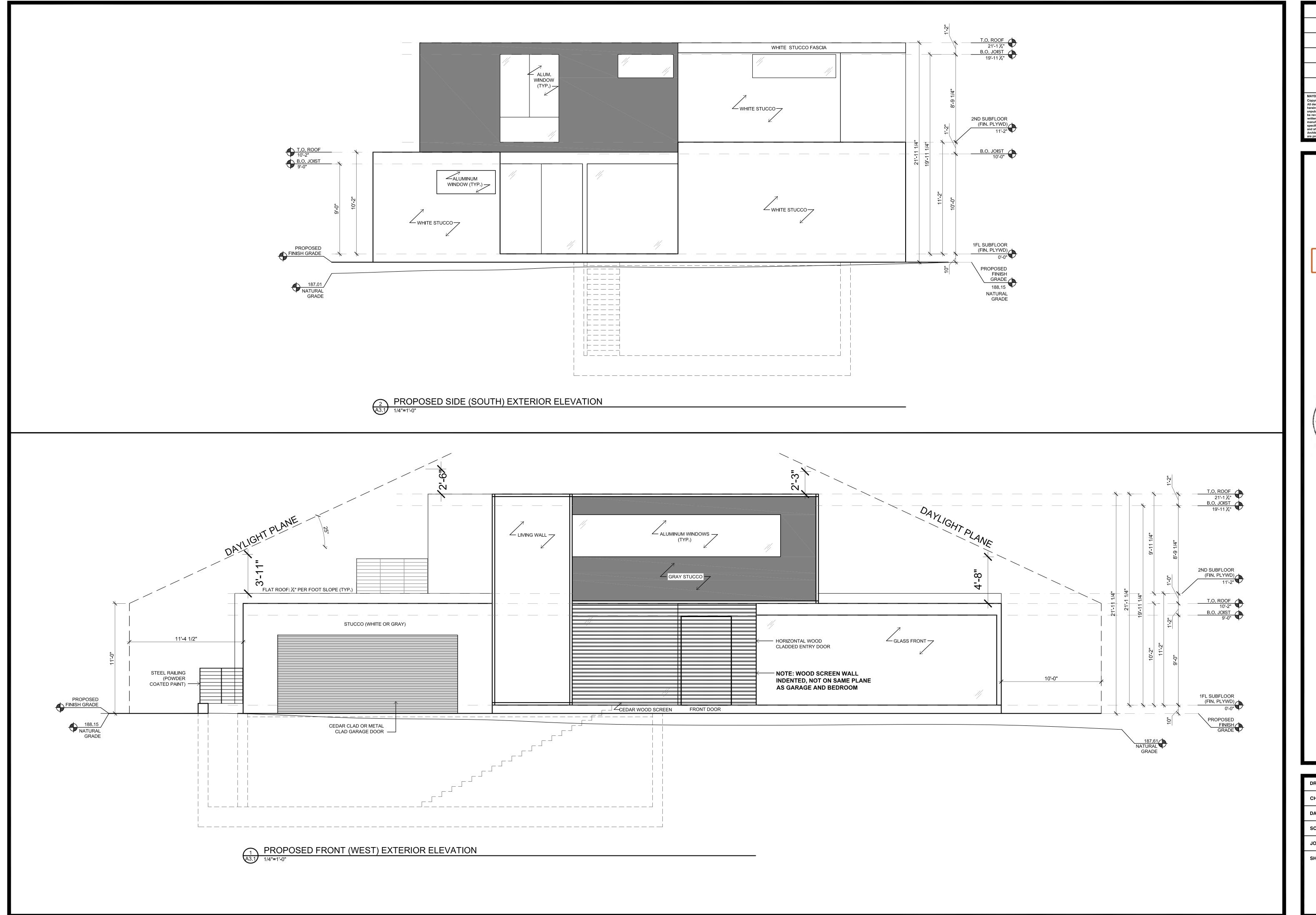
DATE 7.05.18

SCALE AS NOTED

JOB NAME BODIS

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REVISIONS 6.25.18 PLANNING DEPT. 7.05.18 PLANNING DEPT. 8.20.18 PLANNING DEPT.

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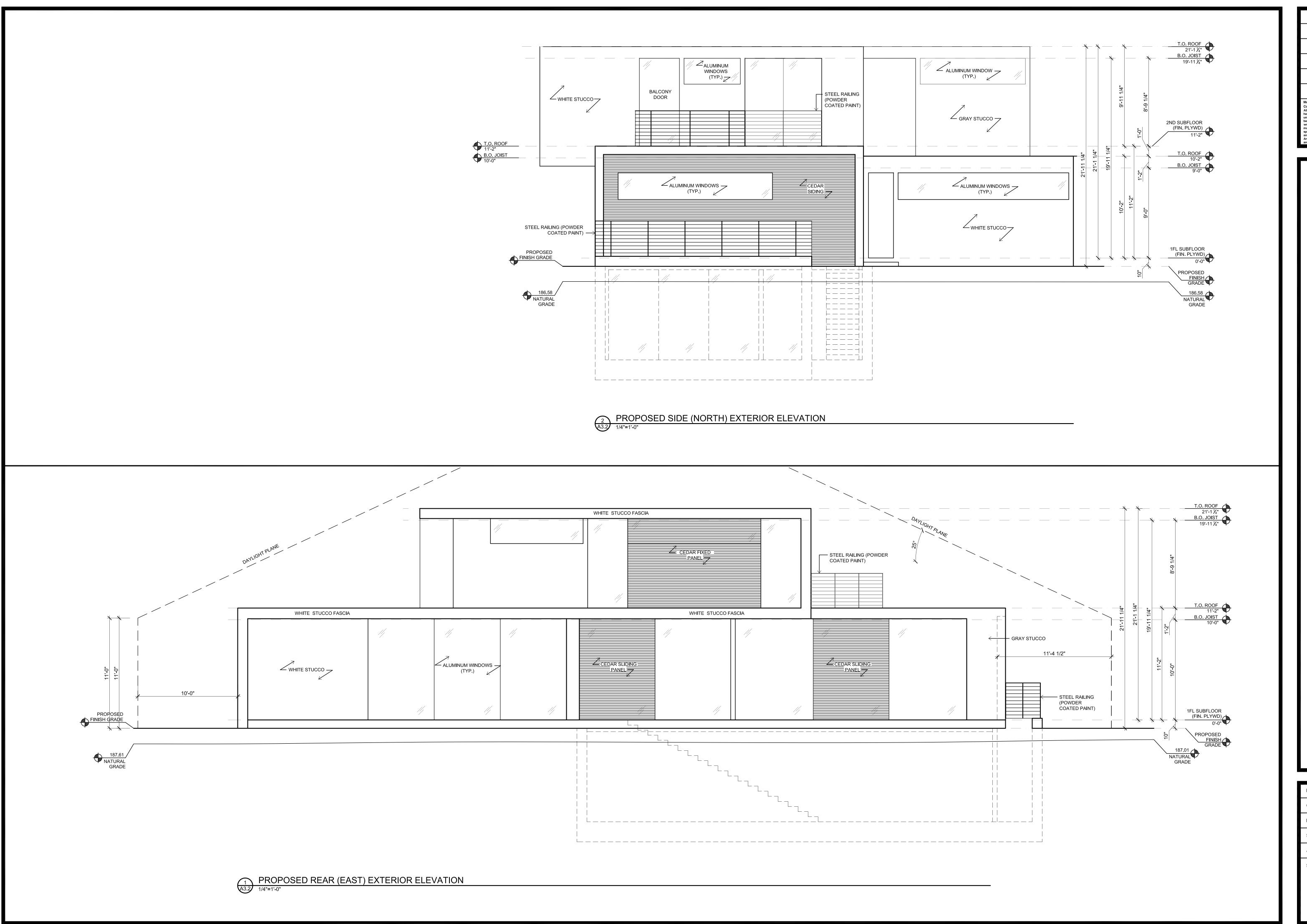
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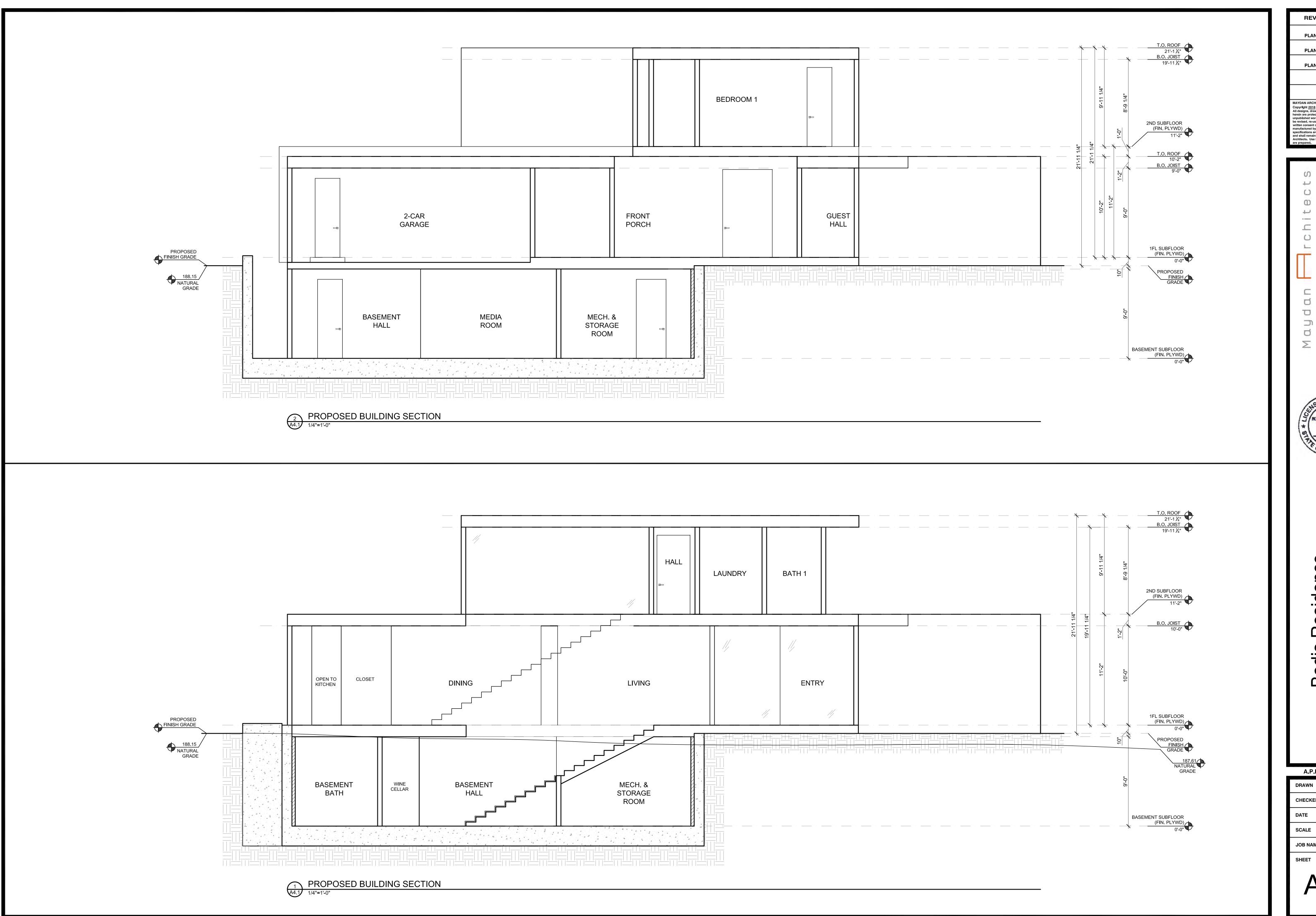
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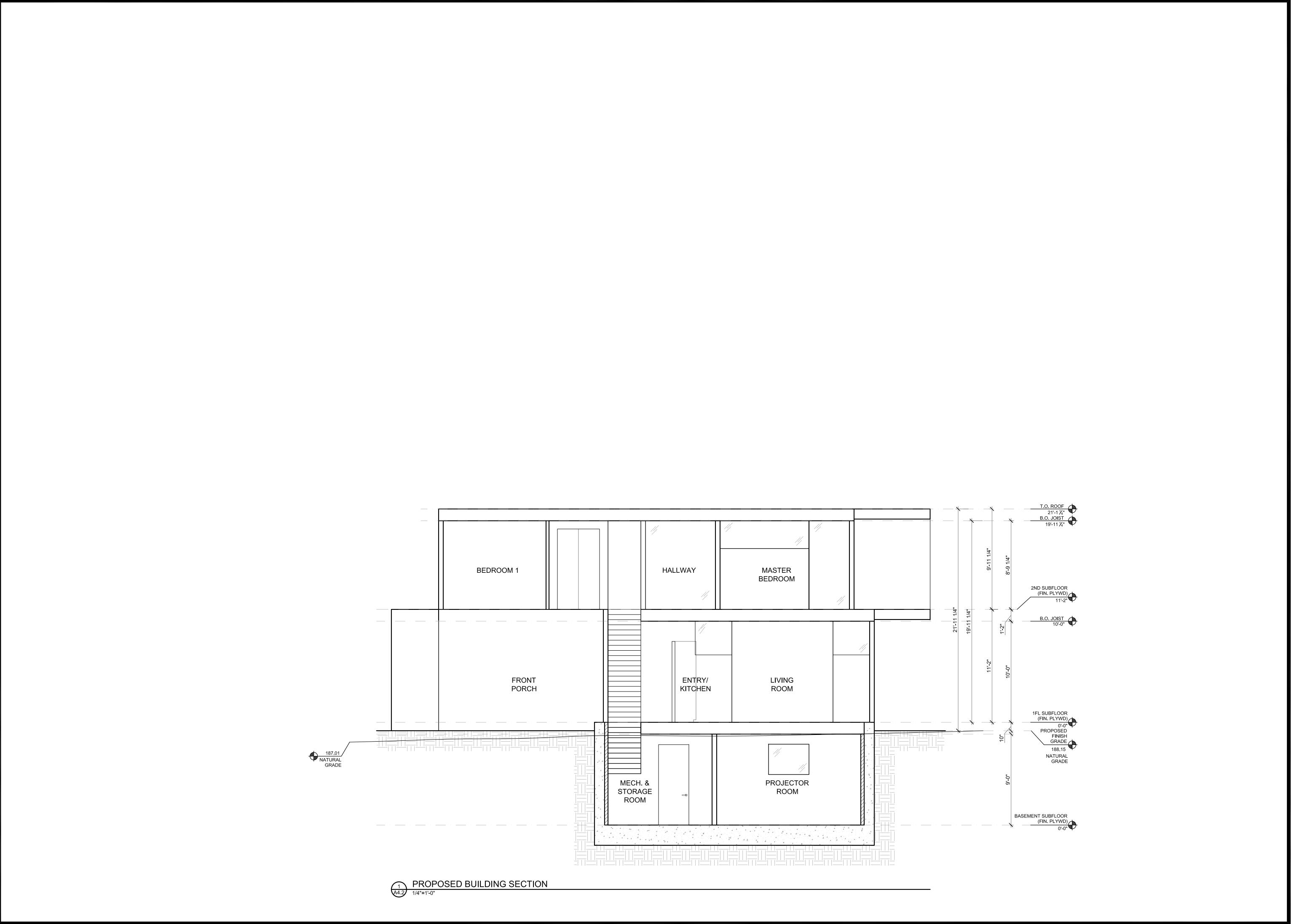
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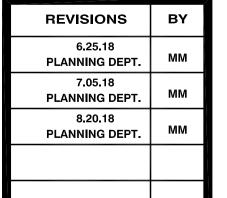
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FRONT LEFT VIEW



FRONT LEFT VIEW W/ LANDSCAPING



FRONT RIGHT VIEW

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ATRICKL FLANDERS I
C-28555

Personnel Debo

pbell Ave. Los Altos, CA 94024

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BACK RIGHT VIEW WITH HEDGES REMOVED



BACK LEFT VIEW WITH HEDGES REMOVED



BACK LEFT VIEW WITH HEDGES

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C-28555

Personnel Deb

mpbell Ave. Los Altos, CA 94024

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