



**GENERAL BIOLOGICAL ASSESSMENT
FOR
ASSESSOR'S PARCEL NUMBERS
5389-009-029, -030, & -031**

**CITY OF ROSEMEAD,
LOS ANGELES COUNTY,
CALIFORNIA**

Prepared for:

**Borstein Enterprises, Inc.
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Prepared by:

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JULY 2022

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1.0 Introduction

Hernandez Environmental Services (HES) was contracted by Borstein Enterprises, Inc. to perform a General Biological Assessment (GBA) on an approximate 3.44-acre project site within the City of Rosemead, Los Angeles County, California. The purpose of the GBA is to document the presence/absence of sensitive resources that may be present on the site, to document existing habitats, and generally address biological questions that may be needed for project approval. This GBA will present the results obtained from the field survey and will provide recommendations that may be needed to mitigate potential biological impacts from project activities.

1.1 Project Location

The project site is located at the northeast corner of Mission Drive and Walnut Grove Avenue within the City of Rosemead, Los Angeles County, California. The site address is 8601 Mission Drive, Rosemead, California. The site consists of Los Angeles County Assessor's Parcel Numbers (APNs) 5389-009-029, -030, and -031. Specifically, the project site is located within Section 18, Township 1 South, Range 11 West of the *El Monte* United States Geological Survey (USGS) 7.5-minute topographic quadrangle. The project site center point latitude and longitude are 34°05'18.4499" North and 118°04'51.9358" West (Figures 1 and 2).

1.2 Project Description

The development plan is to construct 37 dwelling units comprised of 29 single-family detached homes and eight duplex units. The community includes a private park with tot lot and other amenities. The total area of impact is approximately 3.44 acres (Figure 3).

2.0 Methodology

2.1 Literature Review

HES conducted a literature review and reviewed aerial photographs and topographic maps of the project location and surrounding areas. The following USGS quads were used to query the California Natural Diversity Database (CNDDDB): *El Monte*, *Pasadena*, *Mt. Wilson*, *Azusa*, *Baldwin Park*, *Los Angeles*, *Southgate*, *Whittier*, and *La Habra*. The United States Fish and Wildlife Service (USFWS) County Endangered Species Lists and CNPS Rare Plant Inventory were reviewed to obtain species information for the project area.

2.2 Field Survey

On June 27, 2022, HES conducted a field survey of the 3.44-acre project site. Ambient temperature

at 9:25 A.M. was 77° Fahrenheit, sunny, with winds ranging from 0 to 1 mile per hour from the southeast. The purpose of the field survey was to document the existing habitat conditions, obtain plant and animal species information, view the surrounding uses, assess the potential for state and federal waters, assess the potential for wildlife movement corridors, and assess for the presence of critical habitat constituent elements.

The entire 3.44-acre project site was surveyed. Linear transects approximately 50 feet apart were walked for 100 percent coverage. All species observed were recorded and Global Positioning System (GPS) way points were taken to delineate specific habitat types, species locations, state or federal waters, or any other information that would be useful for the assessment of the project site. A comprehensive list of all plant and wildlife species that were detected during the field survey within the project site is included in Appendix A. Sensitive plant and wildlife species with the potential to occur within the project area are listed in Appendix B. Representative site photographs were taken and are included within Appendix C.

3.0 Results

3.1 Environmental Setting

The project site, previously known as Guess Park, contains non-native, ruderal habitat with portions of disturbed dirt trails and gravel. The project site is bordered by residential development in all directions and busy roads to the south and west. The site is flat with elevations ranging from 351 feet above mean sea level (AMSL) to 360 feet AMSL.

3.2 Soils

According to the USDA Web Soil Survey, soil at the project site is classified as Urban land-Palmview-Tujunga complex (1002), 0 to 5 percent slopes (Appendix D).

3.3 Habitat Communities

The entire 3.44-acre project area supports a ruderal habitat community dominated by non-native plant species. This habitat type is common in previously disturbed areas. Characteristic species within the project area include red brome (*Bromus madritensis*), prickly lettuce (*Lactuca serriola*), redstem filaree (*Erodium cicutarium*), telegraphweed (*Heterotheca grandiflora*), shortpod mustard (*Hirschfeldia incana*), cheeseweed (*Malva parviflora*), tumbleweed (*Salsola tragus*), and Bermuda grass (*Cynodon dactylon*). Several ornamental species from the surrounding single-family residences were near the fence but within the project site, including cape leadwort (*Plumbago auriculata*), creeping fig (*Ficus pumila*), oleander (*Nerium oleander*), California wild grape (*Vitis californica*), Chinese elm (*Ulmus parviflora*), and Brazilian peppertree (*Schinus*

terebinthifolia).

3.4 Wildlife

General wildlife species documented on the project site or within the vicinity of the site include the northern mockingbird (*Mimus polyglottos*), American crow (*Corvus brachyrhynchos*), California scrub jay (*Aphelocoma californica*), Eurasian collared dove (*Streptopelia decaocto*), American kestrel (*Falco sparverius*), California towhee (*Melospiza crissalis*), monarch butterfly (*Danaus plexippus*), bumblebee (*Bombus* sp.), and checkered white butterfly (*Pontia protodice*).

3.5 Sensitive Biological Resources

A total of 45 sensitive species of plants and habitats and 45 sensitive species of animals has the potential to occur on or within the vicinity of the project location. These include those species listed or candidates for listing by the U. S. Fish and Wildlife Service (USFWS), California Department of Fish and Wildlife (CDFW) and California Native Plant Society (CNPS) and Bureau of Land Management (BLM). All habitats utilized by these species was evaluated during the site visit and a determination has been made for the presence or probability of presence in this report. This section will address those species listed as Candidate, Rare, Threatened, or Endangered under the state and federal endangered species laws or directed to be evaluated under other state, county, or municipal regulations. All sensitive species within a 5-mile radius of project area were reviewed and a complete list of those species are discussed in in Appendix B.

3.5.1 Special Status Plants

A total of 13 plant species are listed as state and/or federally Threatened, Endangered, Candidate, Rare, or as 1B.1 in the CNPS Rare Plant Inventory. Other sensitive species that have a potential to exist on the project site will also be discussed in this section. The following is a description of these species:

Braunton's milk-vetch

Braunton's milk-vetch (*Astragalus brauntonii*) is a federally Endangered Species and ranked 1B.1 in the CNPS Rare Plant Inventory. This species is found in recently burned or disturbed areas with sandstone or carbonate layers. It is found in chaparral, coastal scrub, and valley-foothill grassland habitats. No suitable habitat is present in the study area. **This species is not present.**

Parish's brittlescale

Parish's brittlescale (*Atriplex parishii*) is ranked 1B.1 in the CNPS Rare Plant Inventory. This species is usually found on drying alkali flats with fine soils. No suitable habitat is present in the study area. **This species is not present.**

Nevin's barberry

Nevin's barberry (*Berberis nevinii*) is a federally and state Endangered Species and is ranked 1B.1 in the CNPS Rare Plant Inventory. This species grows on steep, north-facing slopes or in low grade sandy washes. It inhabits chaparral, cismontane woodlands, coastal scrub, or riparian scrub. No suitable habitat is present in the study area. **This species is not present.**

Lucky morning-glory

Lucky morning-glory (*Calystegia felix*) is ranked 1B.1 in the CNPS Rare Plant Inventory. This species is found in meadows and seeps as well as riparian scrub. It prefers alkaline and alluvial soils. No habitat for this species is present on the project site. **This species is not present.**

Southern tarplant

Southern tarplant (*Centromadia parryi* ssp. *australis*) is ranked 1B.1 in the CNPS Rare Plant Inventory. This species is often found in disturbed sites near the coast at marsh edges. It grows in alkaline soils with saltgrass or on vernal pool margins. No suitable habitat is present in the study area. **This species is not present.**

Smooth tarplant

Smooth tarplant (*Centromadia pungens* ssp. *laevis*) is ranked 1B.1 in the CNPS Rare Plant Inventory. This species inhabits alkali meadows and scrub within valley and foothill grasslands, chenopod scrub, meadows and seeps, playas, and riparian woodland. No habitat for this species is present on the project site. **This species is not present.**

Parry's spineflower

Parry's spineflower (*Chorizanthe parryi* var. *parryi*) is ranked 1B.1 in the CNPS Rare Plant Inventory. This species is found on dry slopes and flats, sometimes at the interface of two vegetation types, such as chaparral and oak woodland. It grows in dry, sandy soils that are not found in the study area. No suitable habitat is present in the study area. **This species is not present.**

Slender-horned spineflower

Slender-horned spineflower (*Dodecahema leptoceras*) is a federally and state Endangered Species and is ranked 1B.1 in the CNPS Rare Plant Inventory. This species inhabits flood deposited terraces and washes within chaparral, cismontane woodland, and alluvial fan sage scrub. No habitat for this species is present on the project site. **This species is not present.**

San Gabriel Mountains dudleya

San Gabriel Mountains dudleya (*Dudleya densiflora*) is ranked 1B.1 in the CNPS Rare Plant Inventory. This species grows in crevices and on decomposed granite on cliffs and canyon walls.

It inhabits chaparral, coastal scrub, cismontane woodland, lower montane coniferous forest, and riparian forest habitats. No habitat for this species is present on the project site. **This species is not present.**

Mesa horkelia

Mesa horkelia (*Horkelia cuneata* var. *puberula*) is ranked 1B.1 in the CNPS Rare Plant Inventory. This species inhabits chaparral, cismontane woodland, and coastal scrub habitats within sand or gravel. No suitable habitat is present in the study area. **This species is not present.**

Coulter's goldfields

Coulter's goldfields (*Lasthenia glabrata* ssp. *coulteri*) is ranked 1B.1 in the CNPS Rare Plant Inventory. This species is usually found on alkaline soils in playas, sinks, and grasslands. It inhabits coastal salt marshes, playas, and vernal pools. No suitable habitat is present in the study area. **This species is not present.**

California Orcutt grass

California Orcutt grass (*Orcuttia californica*) is a federally and state Endangered Species and ranked 1B.1 in the CNPS Rare Plant Inventory. This species is found in vernal pools and wetlands. No suitable habitat is present in the study area. **This species is not present.**

Brand's star phacelia

Brand's star phacelia (*Phacelia stellaris*) is ranked 1B.1 in the CNPS Rare Plant Inventory. This species grows in open areas of coastal scrub and coastal dunes. No habitat for this species is present on the project site. **This species is not present.**

3.5.2 Sensitive Wildlife

A total of 10 wildlife species are listed as state and/or federally Threatened, Endangered, Rare, or Candidate Species. Sensitive species which have a potential to occur will also be discussed in this section. Following is a description of these species:

Arroyo toad

Arroyo toad (*Anaxyrus californicus*) is a federally Endangered Species and a CDFW Species of Special Concern. This species can be found in rivers with sandy banks, willows, cottonwoods, and sycamores. It inhabits loose, gravelly areas of streams in drier parts of the range. This species habitat includes semi-arid regions near washes or intermittent streams, including valley-foothills, desert riparian, and desert washes. No suitable habitat is present. **This species is not present.**

Swainson's hawk

Swainson's hawk (*Buteo swainsoni*) is a state Threatened Species. This avian species requires adjacent suitable foraging areas such as grasslands, or alfalfa or grain fields supporting rodent populations. No habitat for this species is present on the project site. **This species is not present.**

Bell's sage sparrow

Bell's sage sparrow (*Artemisiospiza belli belli*) is on the CDFW Watch List. This species lives in chaparral and coastal scrub habitats and nests in chaparral dominated by dense stands of chamise. Suitable habitat is present in the study area. **This species has the potential to be present.**

Santa Ana sucker

Santa Ana sucker (*Catostomus santaanae*) is a federally Threatened Species. It is a habitat generalist but prefers sand-rubble-boulder bottoms and cool, clear water and algae. No suitable habitat is present in the study area. **This species is not present.**

Southwestern willow flycatcher

Southwestern willow flycatcher (*Empidonax traillii extimus*) is a federally and state Endangered Species. It is found in riparian woodland habitat in southern California. No suitable habitat is present. **This species is not present.**

Coastal California gnatcatcher

Coastal California gnatcatcher (*Polioptila californica californica*) is a federally Threatened Species. This bird occupies low, coastal sage scrub in arid washes and on mesas and slopes. No suitable habitat is present. **This species is not present.**

Foothill yellow-legged frog

Foothill yellow-legged frog (*Rana boylei*) is a state Endangered Species and a CDFW Species of Special Concern. This species requires cobble-sized substrate for egg-laying and needs at least 15 weeks to attain metamorphosis. No suitable habitat is present. **This species is not present.**

Southern mountain yellow-legged frog

Southern mountain yellow-legged frog (*Rana muscosa*) is a federally and state Endangered Species and on the CDFW Watch List. This species is aquatic and tadpoles may require up to four years to complete their aquatic development. No habitat for this species is present on the project site. **This species is not present.**

Bank swallow

Bank swallow (*Riparia riparia*) is a state Threatened Species. This bird requires vertical banks and cliffs with fine-textured soils near streams, lakes, rivers, and oceans to dig nesting holes. No

suitable habitat is present in the study area. **This species is not present.**

Least Bell's vireo

Least Bell's vireo (*Vireo bellii pusillus*) is a federally and state Endangered Species. This species is found in riparian forest, riparian scrub, and riparian woodland. Nesting habitat of this species is restricted to willow and/or mulefat dominated riparian scrub along permanent or nearly permanent streams. No suitable habitat is present. **This species is not present.**

3.6 Critical Habitat

The proposed project site is not located within any designated federal critical habitat. The closest federal critical habitat is coastal California gnatcatcher critical habitat located 3.65 miles south of the project site within the Whittier Narrows Natural Area and near the San Gabriel River.

3.7 Migratory Nesting Birds

Migratory non-game native bird species are protected under the federal Migratory Bird Treaty Act. Additionally, Sections 3503, 3503.5, and 3513 of the California Fish and Game Code prohibit take of all birds and their active nests. The study area has shrubs and trees near the borders that can be used by nesting songbirds during the nesting bird season of February 1 to September 15.

3.8 Wildlife Movement Corridors

Wildlife movement corridors link together areas of suitable habitat that are otherwise separated by rugged terrain, changes in vegetation, or human disturbances. The project site was evaluated for its function as a wildlife corridor that species would use to move between wildlife habitat zones. Usually, mountain canyons or riparian corridors are used by wildlife as corridors. The project site consists ruderal habitat with surrounding residential development and busy roads. In addition, no jurisdictional waters exist on site. No wildlife movement corridors exist on the project site.

3.9 Jurisdictional Waters

No state or federal jurisdictional waters exist on the project site.

4.0 Project Impacts

4.1 Impacts to Habitat Types

The project site contains approximately 3.44 acres of ruderal habitat that is expected to be impacted from project implementation (Figure 5).

4.2 Impacts to Sensitive Species

The project site is flat and ruderal with sparse non-native vegetation, including shortpod mustard and brome grass. There is residential development, paved roads, and human activity in all directions surrounding the site. Due to the nature of the project site and surrounding development, no sensitive plant or wildlife species have the potential to occur. No impacts to sensitive species are expected.

4.3 Impacts to Migratory Nesting Birds

Migratory nongame native bird species are protected under the federal Migratory Bird Treaty Act. Additionally, Sections 3503, 3503.5 and 3513 of the California Fish and Game Code prohibit take of all birds and their active nests. If vegetation removal and other ground disturbance activities can be conducted outside of the recognized nesting bird season (February 15 through September 15), impacts to nesting birds is not expected.

If work cannot be avoided during the nesting bird season, prior to initiation of project activities that would remove vegetation or otherwise disturb nesting activity (for instance, mobilization of heavy equipment), work associated with project activities have the potential to impact nesting birds.

4.4 Impacts to Critical Habitat

The proposed project site is not located within any designated federal critical habitat. No impacts to critical habitat would occur from project development.

4.5 Impacts to Wildlife Movement Corridors

The project site is not located within a designated wildlife corridor or linkage. No wildlife corridors or linkages were found to occur on site. No impacts to wildlife corridors or linkages would occur from project development.

4.6 Conflict with Local Policies or Ordinances Protecting Biological Resources

The Los Angeles County Significant Ecological Areas (SEA) program identifies over 60 trees that are protected, including oaks. A Protected Tree Permit is needed for removal of any of the identified trees. The trees on site include tree of heaven (*Ailanthus altissima*), Mexican fan palm (*Washingtonia robusta*), Brazilian peppertree, Chinese elm, and glossy privet (*Ligustrum lucidum*). None of these trees occur in the SEA protected tree list. Therefore, no conflict would occur.

4.7 Conflicts with the Provisions of an Adopted Habitat Conservation Plan, Natural Community Conservation Plan, or Other Approved Local, Regional, or State Habitat Conservation Plan

The proposed project does not conflict with an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved Habitat Conservation Plan.

4.8 Impacts to Jurisdictional Waters

No state or federal jurisdictional waters exist within the project site. Therefore, no impacts to jurisdictional waters would occur.

5.0 Recommendations

Based upon the findings of this report, it is recommended that the following measures be implemented as part of the project to avoid, minimize, or compensate for the anticipated impacts from project activities:

Nesting Birds

- If ground disturbing and vegetation clearing activities cannot be avoided during the nesting bird season (February 15 through September 15), a qualified biologist should conduct a pre-construction nesting bird survey within all areas of breeding/nesting habitat within and adjacent to the project site prior to initiation of project activities that would remove vegetation or otherwise disturb nesting activity (for instance, mobilization of heavy equipment). Surveys should be conducted not more than 3 days prior to initiation of activities.
- If nesting birds are encountered, a qualified biologist will establish an avoidance buffer zone around the nest (buffer zones vary according to species involved and shall be determined by the qualified biologist). No activities that would adversely affect the nest shall occur within the buffer zone until the qualified biologist has determined the nest is no longer active and the young are no longer dependent on the nest.

6.0 CERTIFICATION

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this biological evaluation, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief.



Date 07/11/2022 Signed

PROJECT MANAGER

Fieldwork Performed By:

Sarah Vasquez

ASSOCIATE BIOLOGIST

Sarah Gulyas

ASSOCIATE BIOLOGIST

7.0 REFERENCES

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FIGURE 1

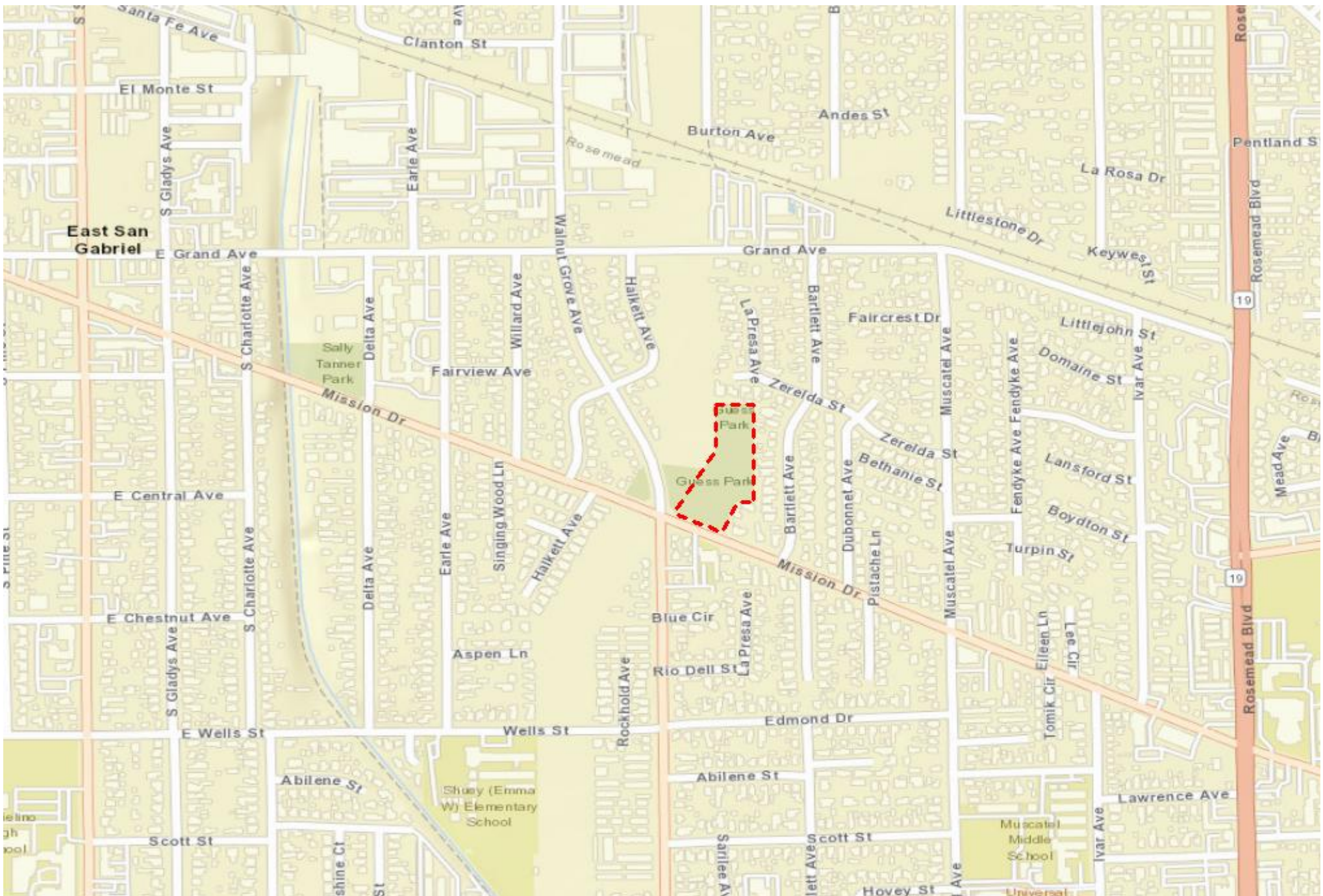


Figure 1
 Location Map
 APNs 5389-009-029, -030, & -031
 City of Rosemead, Los Angeles County, California

Legend
 Project Site Boundary



FIGURE 2

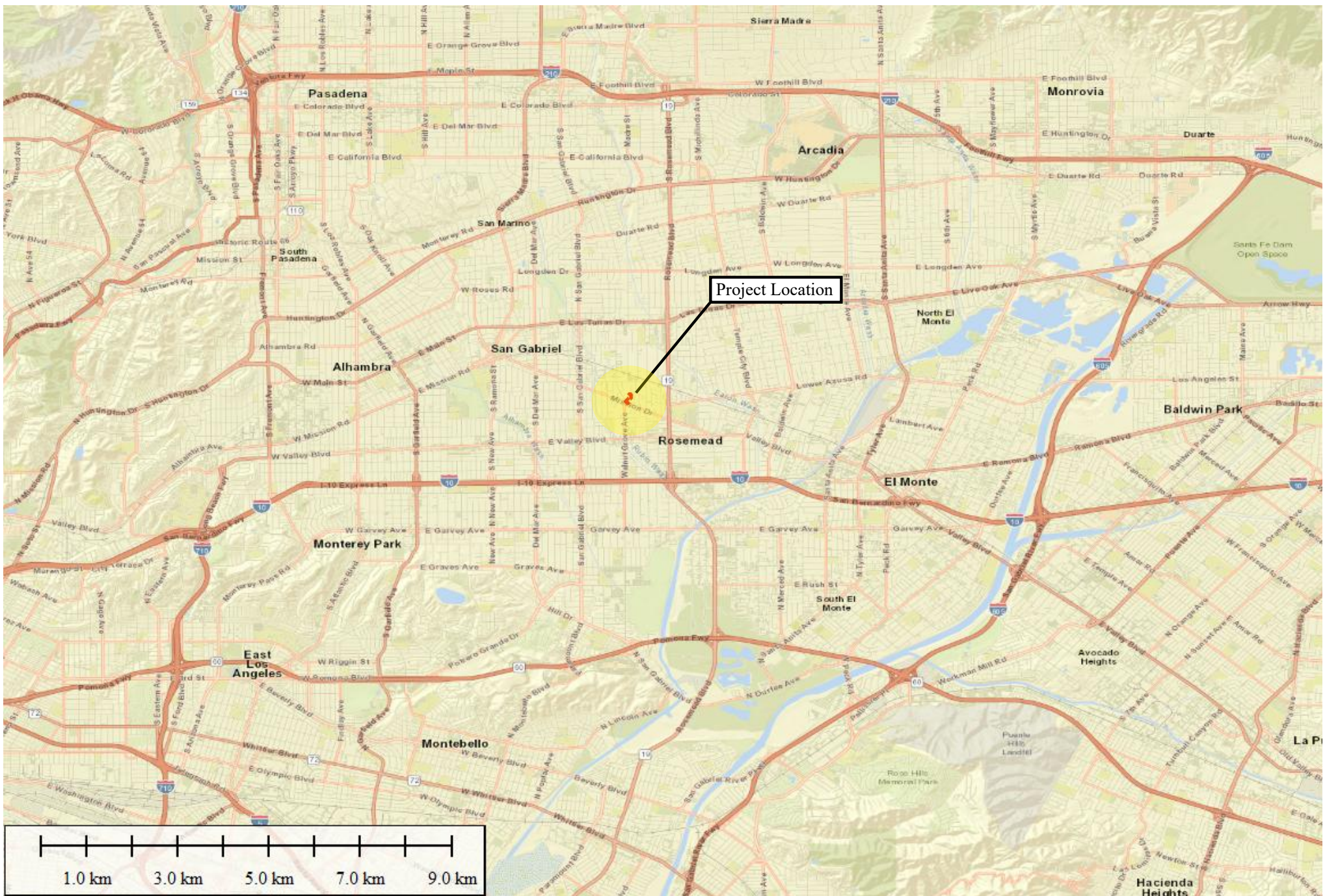


Figure 2
 Vicinity Map
 APNs 5389-009-029, -030, & -031
 City of Rosemead, Los Angeles County, California

Legend
 Project Site Boundary



FIGURE 3

PROJECT SUMMARY:

- OWNER / APPLICANT: BORSTEIN ENTERPRISES, INC. 11766 WILSHIRE BOULEVARD, SUITE 820 LOS ANGELES, CALIFORNIA 90025
- CONTACT: ERIK PFAHLER erik@borsteinenterprises.com 310.582.1991 x203
- APN: 5389-009-029, 030, 031
- ZONING:
 - CURRENT: R-1 SINGLE FAMILY RESIDENTIAL
 - PROPOSED: P-D
- GENERAL PLAN LAND USE DESIGNATION:
 - EXISTING: LOW DENSITY RESIDENTIAL
 - PROPOSED: MEDIUM DENSITY RESIDENTIAL
- PROJECT SIZE:
 - GROSS SF: 3,435 AC (149,929 SF)
 - NET SF: 3,378 AC (147,146 SF)
- LOT SIZE / F.A.R. / LOT COVERAGE:
 - LOT 1 (DU 9-37): 127,151 SF / 67.1% / 43.0%
 - LOT 2 (DU 4): 3,089 SF / 76.8% / 39.5%
 - LOT 3 (DU 3): 2,250 SF / 90.7% / 48.0%
 - LOT 4 (DU 2): 2,250 SF / 90.7% / 48.0%
 - LOT 5 (DU 1): 2,809 SF / 84.5% / 43.5%
 - LOT 6 (DU 5): 3,095 SF / 76.7% / 39.5%
 - LOT 7 (DU 6): 2,002 SF / 102.0% / 54.0%
 - LOT 8 (DU 7): 2,002 SF / 102.0% / 54.0%
 - LOT 9 (DU 8): 2,499 SF / 95.0% / 48.9%
- TOTAL NUMBER OF DWELLING UNITS: 37 DU
 - SFD PLAN 1: 14 DU
 - SFD PLAN 2: 15 DU
 - DUPLEX PLAN 1: 4 DU
 - DUPLEX PLAN 2: 4 DU
- DENSITY: 10.95 DU/AC
- OPEN SPACE AREA: 17,298 SF / 11.8% WITHIN PROJECT LIMITS
- PARKING:
 - GARAGE: 74 SPACES
 - GUEST: 25 SPACES
 - BICYCLE: 2 SPACES
- BUILDING CONSTRUCTION TYPE: TYPE VB
- OCCUPANCY: R-3 SFD/DUPLEX (CRC)
- PRIVATE OPEN SPACE: VARIES: MIN. 390 SF / DU ACHIEVED
- SCHOOL DISTRICT: ROSEMEAD SCHOOL DISTRICT 3907 ROSEMEAD BOULEVARD #220 ROSEMEAD, CA 91770 626.312.2900
- ELECTRICAL SERVICE: SOUTHERN CALIFORNIA EDISON P.O. BOX 6400 RANCHO CUCAMONGA, CA 91729 800.655.4555
- GAS SERVICE: SOUTHERN CALIFORNIA GAS COMPANY P.O. BOX C MONTEREY PARK, CA 91756 800.427.2200
- WATER SERVICE: CALIFORNIA AMERICAN WATER COMPANY 8657 GRAND AVENUE ROSEMEAD, CA 91770 626.614.2500

REFER TO CIVIL AND LANDSCAPE DRAWINGS FOR ADDITIONAL INFORMATION.



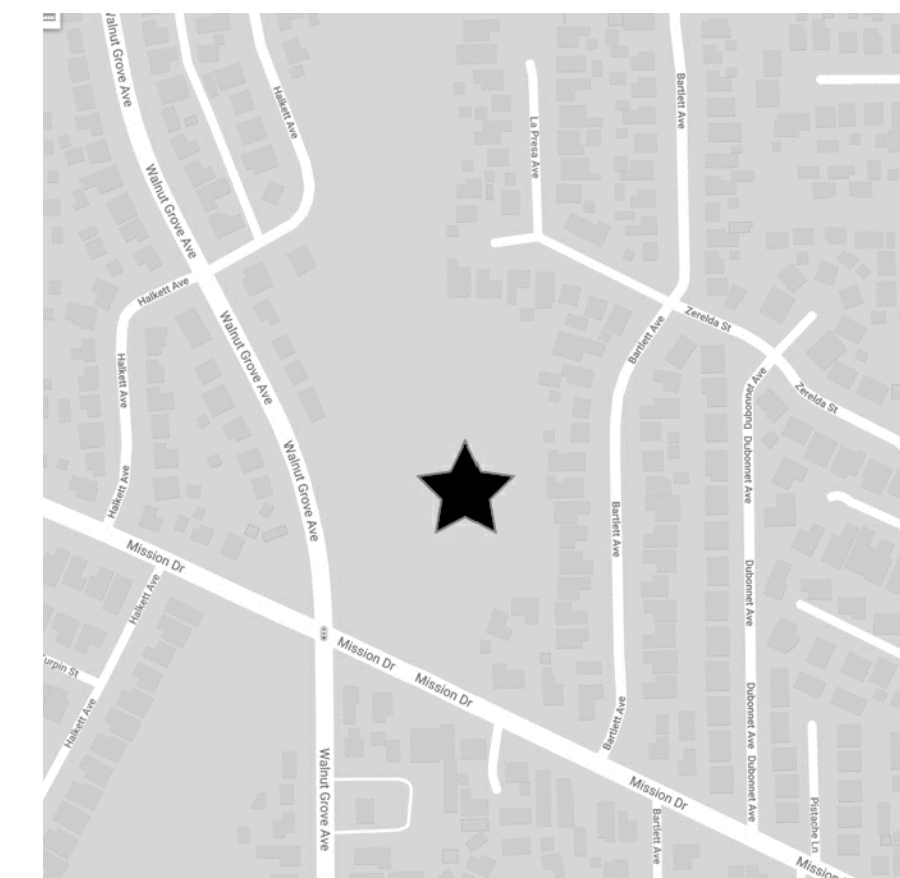
ARCHITECTURAL SITE PLAN

SITE PLAN LEGEND

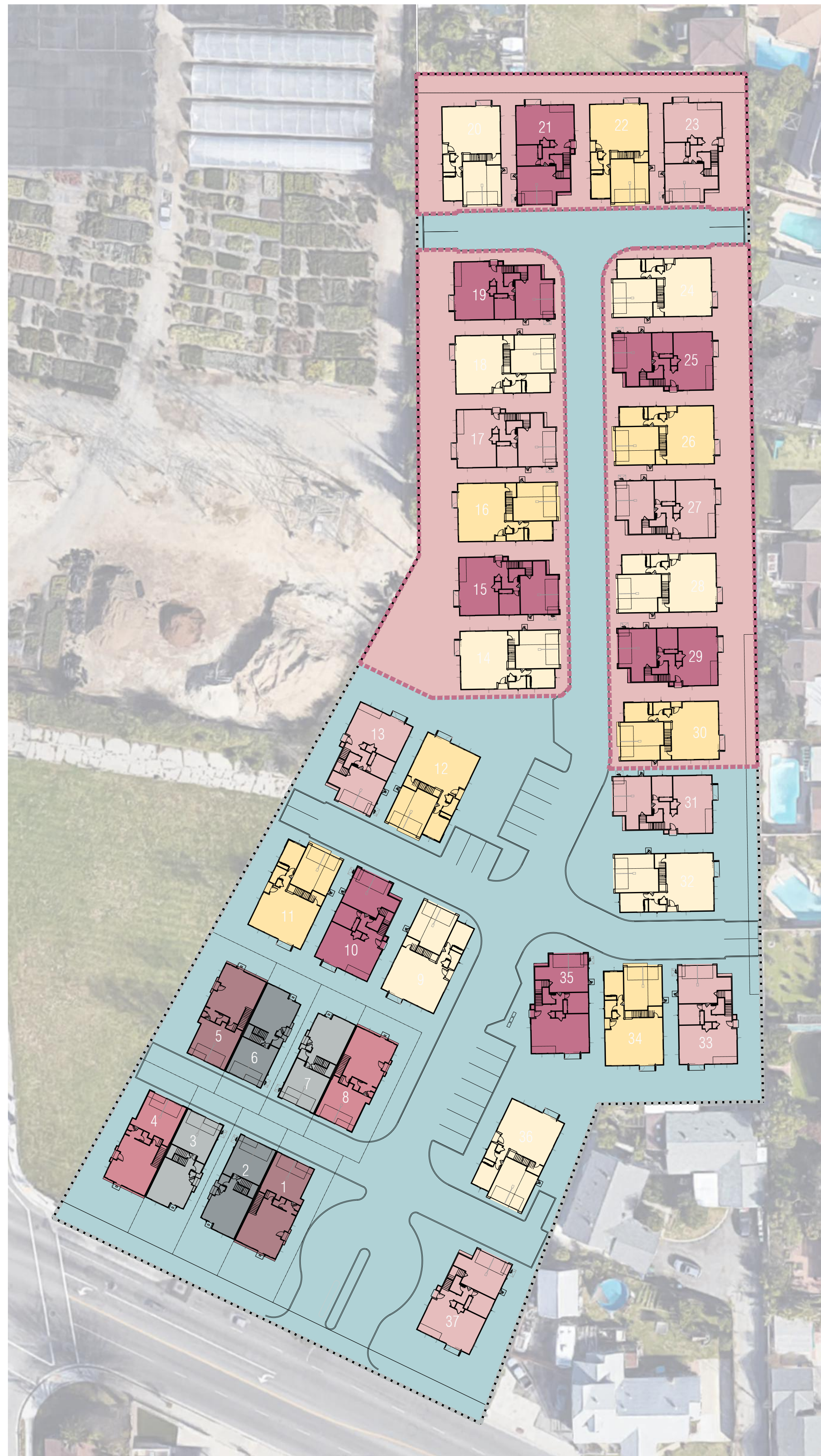
- (C01) FIRE DEPARTMENT VEHICULAR ACCESS
- (C02) FIRE HYDRANT (3 PROPOSED)
- (LD1) BICYCLE RACK (2 SPACES)
- (LD2) CENTRAL COMMON OPEN SPACE 1,844 TOT. SF / 1.1% WITHIN PROJECT LIMITS SURFACING: TURF
- (LD3) OTHER COMMON OPEN SPACE 15,654 TOT. SF / 10.6% WITHIN PROJECT LIMITS SURFACING: COMMON AREA LANDSCAPING
- TOTAL OPEN SPACE 17,298 TOT. SF / 11.8% WITHIN PROJECT LIMITS
- (LD4) REAR YARD AREAS 34,359 TOT. SF / 23.4% WITHIN PROJECT LIMITS
- (LD5) CITY PARKWAY LANDSCAPE 489 TOT. SF / 0.3% WITHIN PROJECT LIMITS SURFACING: PARKWAY LANDSCAPING
- TOTAL LANDSCAPE AREA 51,470 TOT. SF / 34.5% WITHIN PROJECT LIMITS
- (LD6) R.O.W. HARDSCAPE 1,383 TOT. SF / 0.9% WITHIN PROJECT LIMITS SURFACING: NATURAL COLORED CONCRETE
- (LD7) DRIVE AISLE HARDSCAPE 30,810 TOT. SF / 20.9% WITHIN PROJECT LIMITS SURFACING: NATURAL COLORED CONCRETE
- (LD8) HARDSCAPE (SIDEWALKS) 9,578 TOT. SF / 6.6% WITHIN PROJECT LIMITS SURFACING: NATURAL COLORED CONCRETE
- TOTAL HARDSCAPE AREA 40,388 TOT. SF / 27.1% WITHIN PROJECT LIMITS
- (LD9) 6R HIGH SPLIT-FACE CUM WALL w/ 4in HIGH SPLIT-FACE CUM CAP
- (P01) PARKING STALLS TO BE STRIPED PER CITY MUNICIPAL CODE SECTION 17.112.111H
- (W01) TRASH COLLECTION BIN LOCATION PER REPUBLIC SERVICES WILL SERVE LETTER

DWELLING UNIT LEGEND

- SFD PLAN 1 2,351 sf
- SFD PLAN 2 2,553 sf
- SPANISH COLONIAL
- HACIENDA
- "DUPLEX" PLAN 1 1,546 sf
- "DUPLEX" PLAN 2 1,868 sf
- SPANISH COLONIAL
- HACIENDA



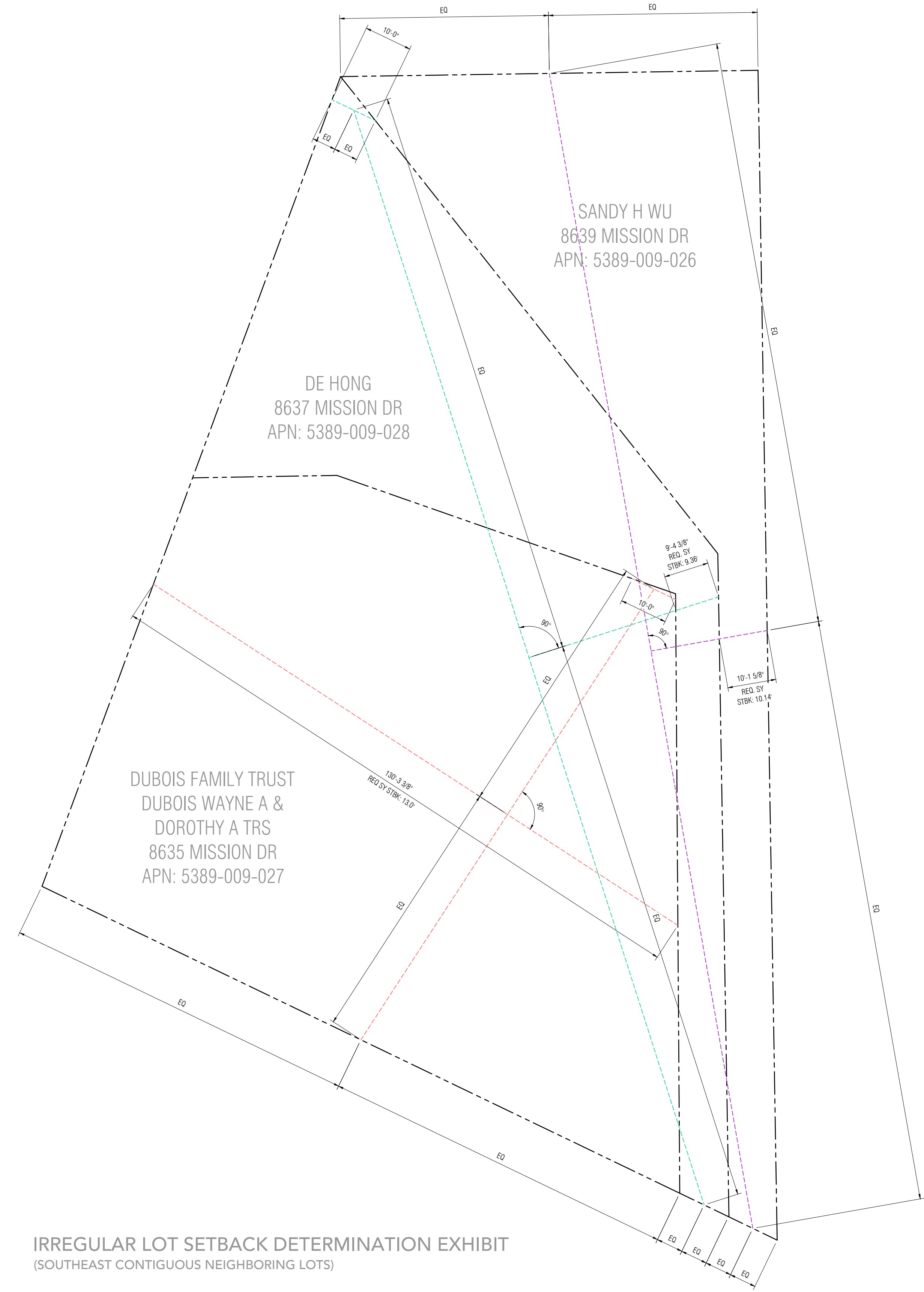
VICINITY MAP



CONSTRUCTION PHASING MAP

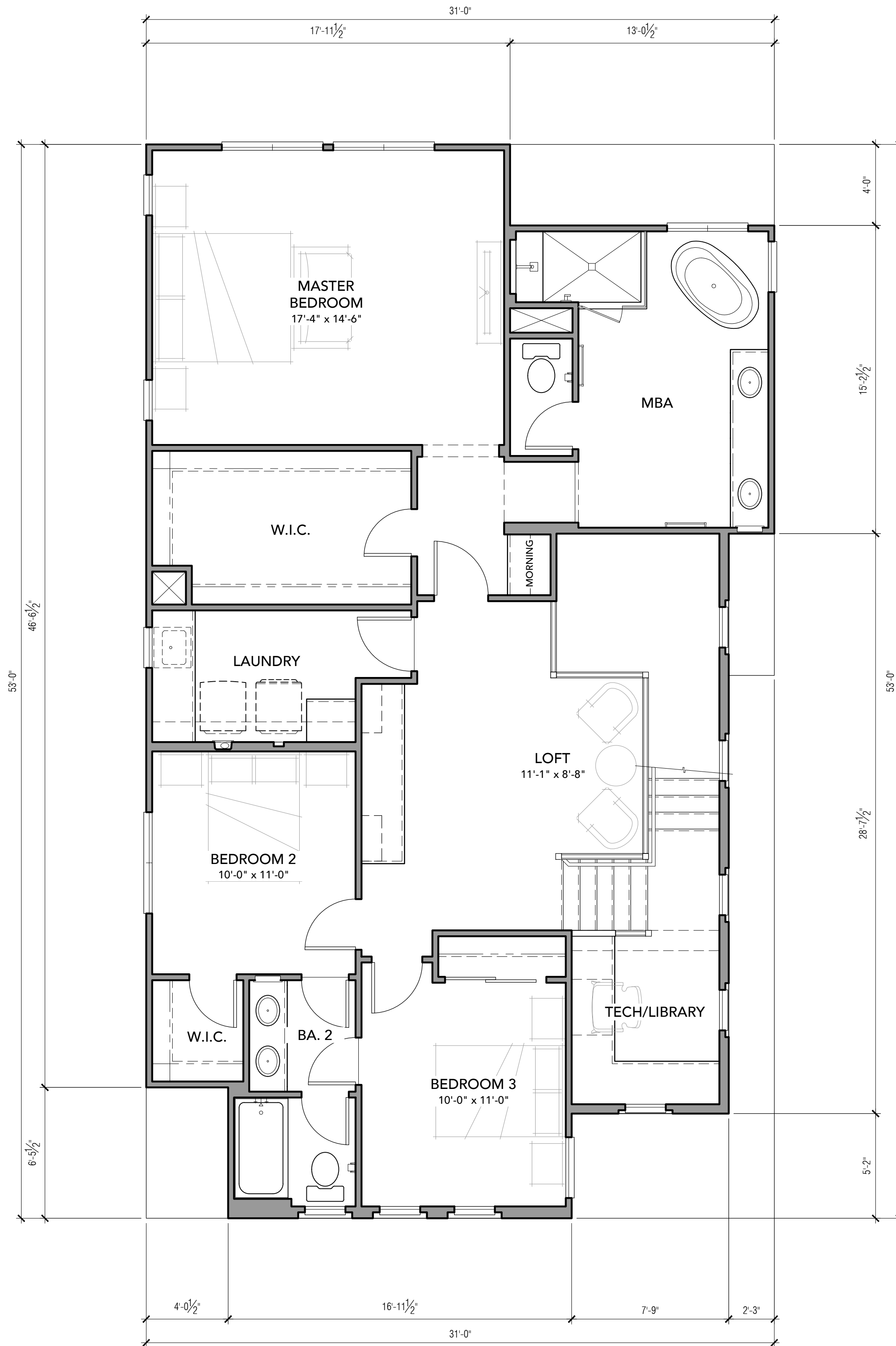
PHASE 1

PHASE 2

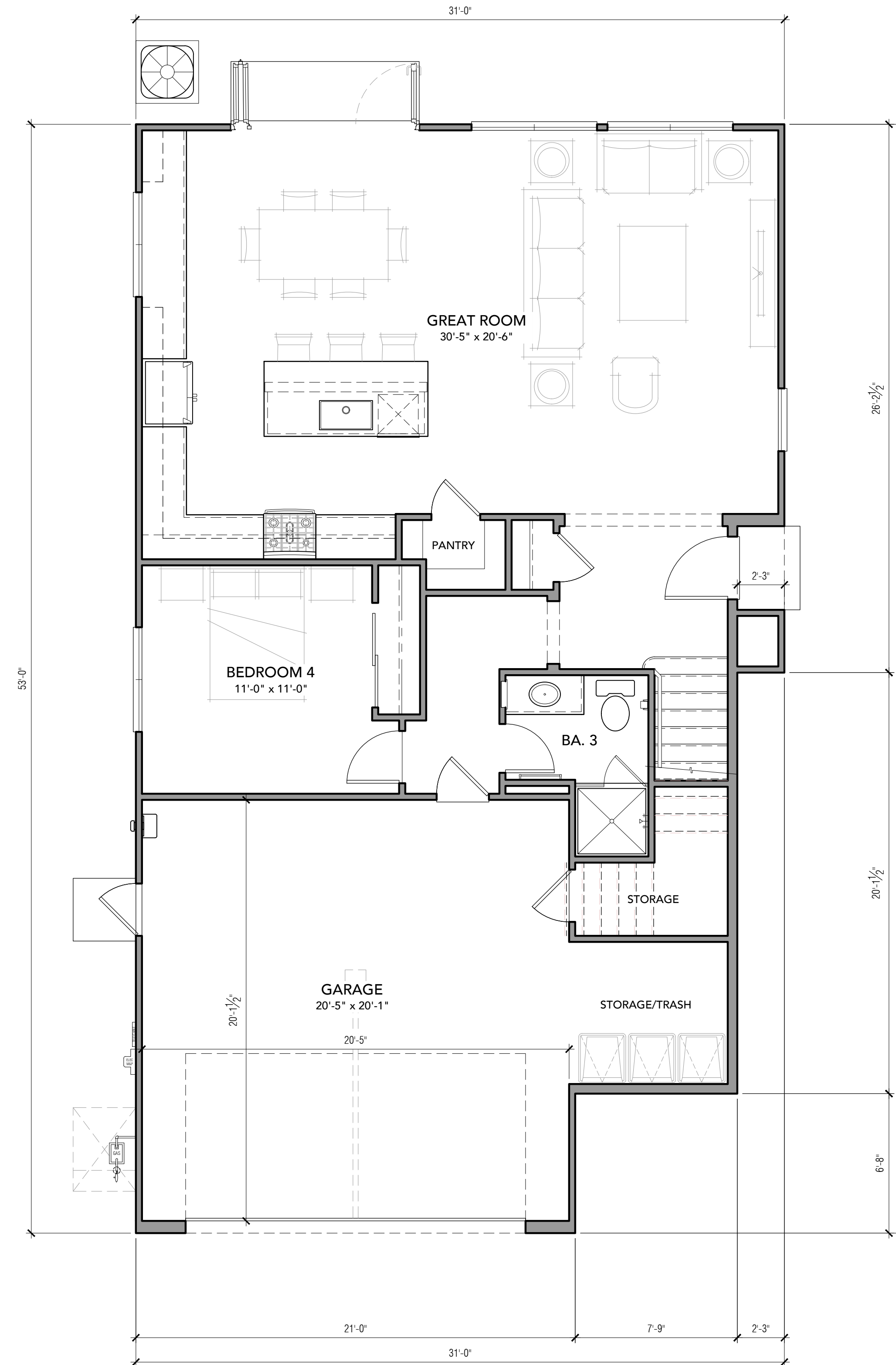


IRREGULAR LOT SETBACK DETERMINATION EXHIBIT
(SOUTHEAST CONTIGUOUS NEIGHBORING LOTS)

JOB NO.	BE-21-001
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SECOND FLOOR PLAN



FIRST FLOOR PLAN

PLAN 1	
AREA TABULATION	
CONDITIONED SPACE (ELEV. A & B)	
FIRST FLOOR:	1026 SF
SECOND FLOOR:	1,325 SF
TOTAL CONDITIONED:	2,351 SF
UNCONDITIONED SPACE (ELEV. A & B)	
GARAGE:	489 SF
COVERED PORCH:	9 SF
TOTAL UNCONDITIONED:	498 SF



JOB NO.	BE-21-001
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DATE	220516

EXTERIOR ELEVATION MATERIAL LEGEND

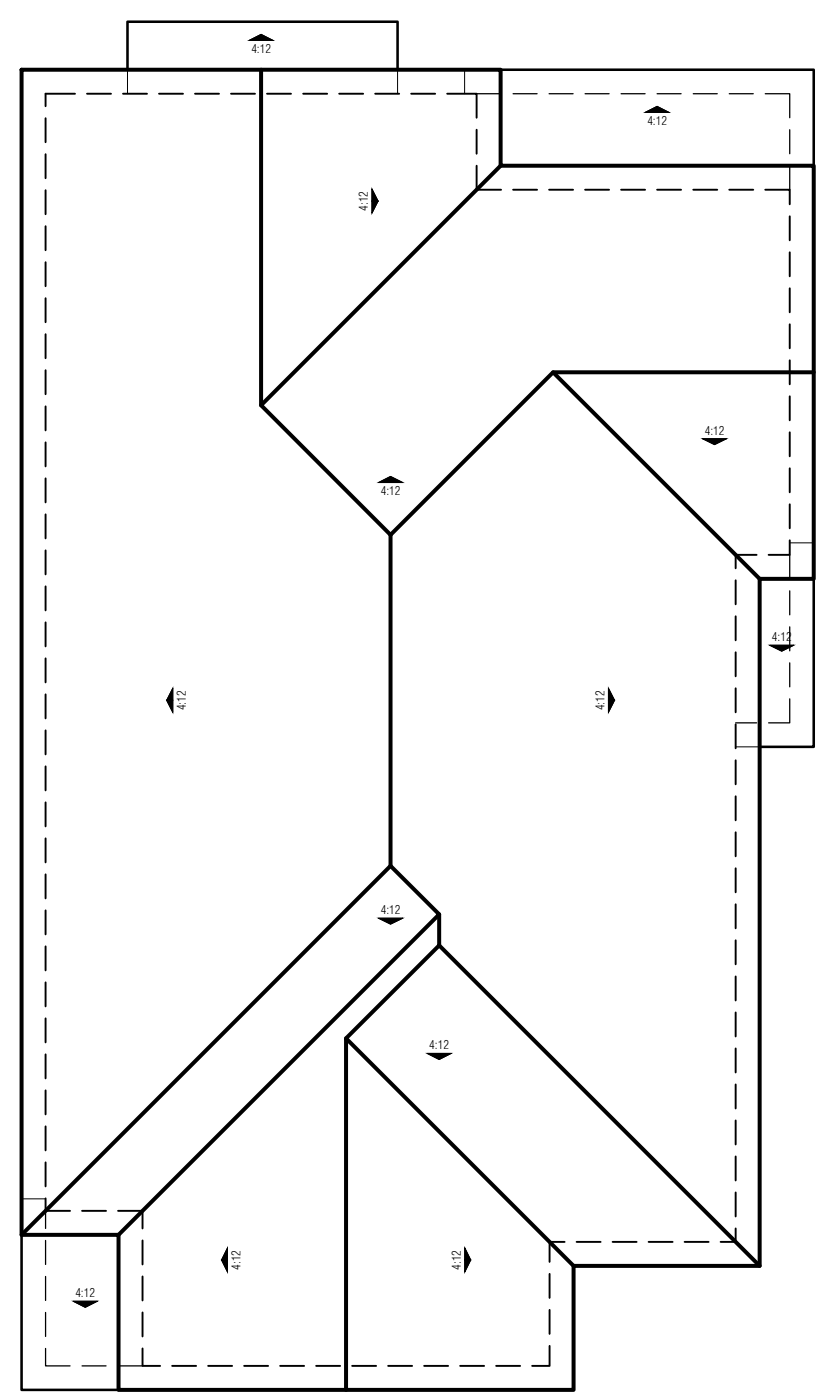
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- 100 CONCRETE 'S' ROOF TILE
- 101 WOOD FASCIA BOARD
- 110 ENTRY DOOR
- 111 METAL SECTIONAL GARAGE DOOR
- 140 BUILDING ADDRESS SIGNAGE
- 200: EXTERIOR STUCCO FINISH
- 200 EXTERIOR STUCCO FINISH
- 210 STUCCO w/ FOAM TRIM
- 215 STUCCO w/ FOAM CORBELS
- 220 STUCCO w/ SHAPED FOAM
- 300: PAINTED DETAILS
- 300 PAINTED SHUTTER
- 305 PAINTED FOAM FAUX GABLE END VENTS
- 400: EXTERIOR WOOD
- 400 RAFTER TAIL
- 405 POT SHELF
- 410 OUTLOOKER / BRACKET
- 415 CORBEL
- 500: EXTERIOR METAL
- 500 POT SHELF
- 600: EXTERIOR VENEERS
- 600 ADHERED MANUFACTURED STONE VENEER
- 700: MISCELLANEOUS
- 700 DECORATIVE CERAMIC TILE
- 710 DECORATIVE PRECAST GABLE END DETAIL



LEFT ELEVATION



REAR ELEVATION



ROOF PLAN



ENTRY ELEVATION



FRONT ELEVATION

0 4 8 12

EXTERIOR ELEVATION MATERIAL LEGEND

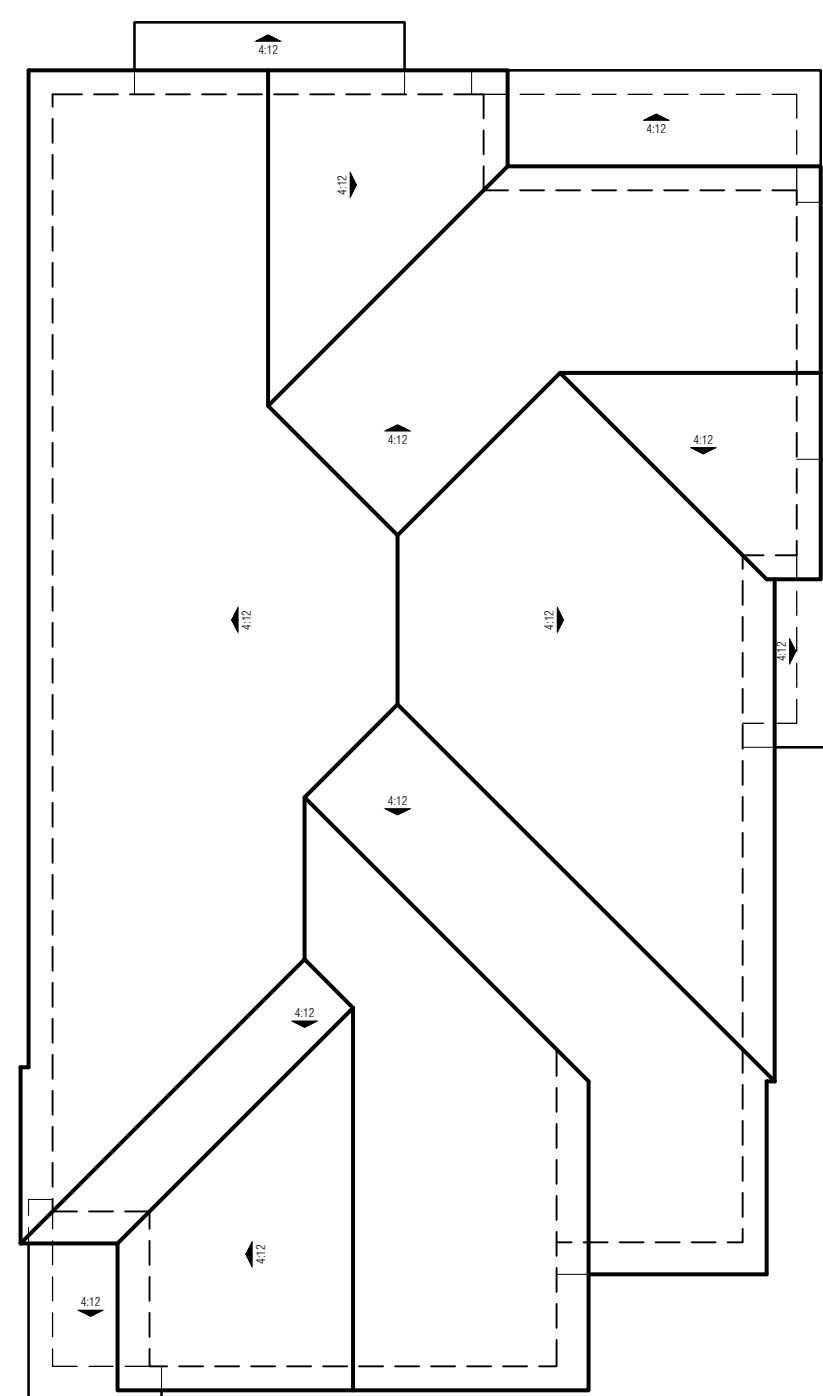
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- 100 CONCRETE S' ROOF TILE
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- 110 ENTRY DOOR
- 111 METAL SECTIONAL GARAGE DOOR
- 140 BUILDING ADDRESS SIGNAGE
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- 500 POT SHELF
- 600: EXTERIOR VENEERS
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- 700: MISCELLANEOUS
- 700 DECORATIVE CERAMIC TILE
- 710 DECORATIVE PRECAST GABLE END DETAIL



LEFT ELEVATION



REAR ELEVATION



ROOF PLAN

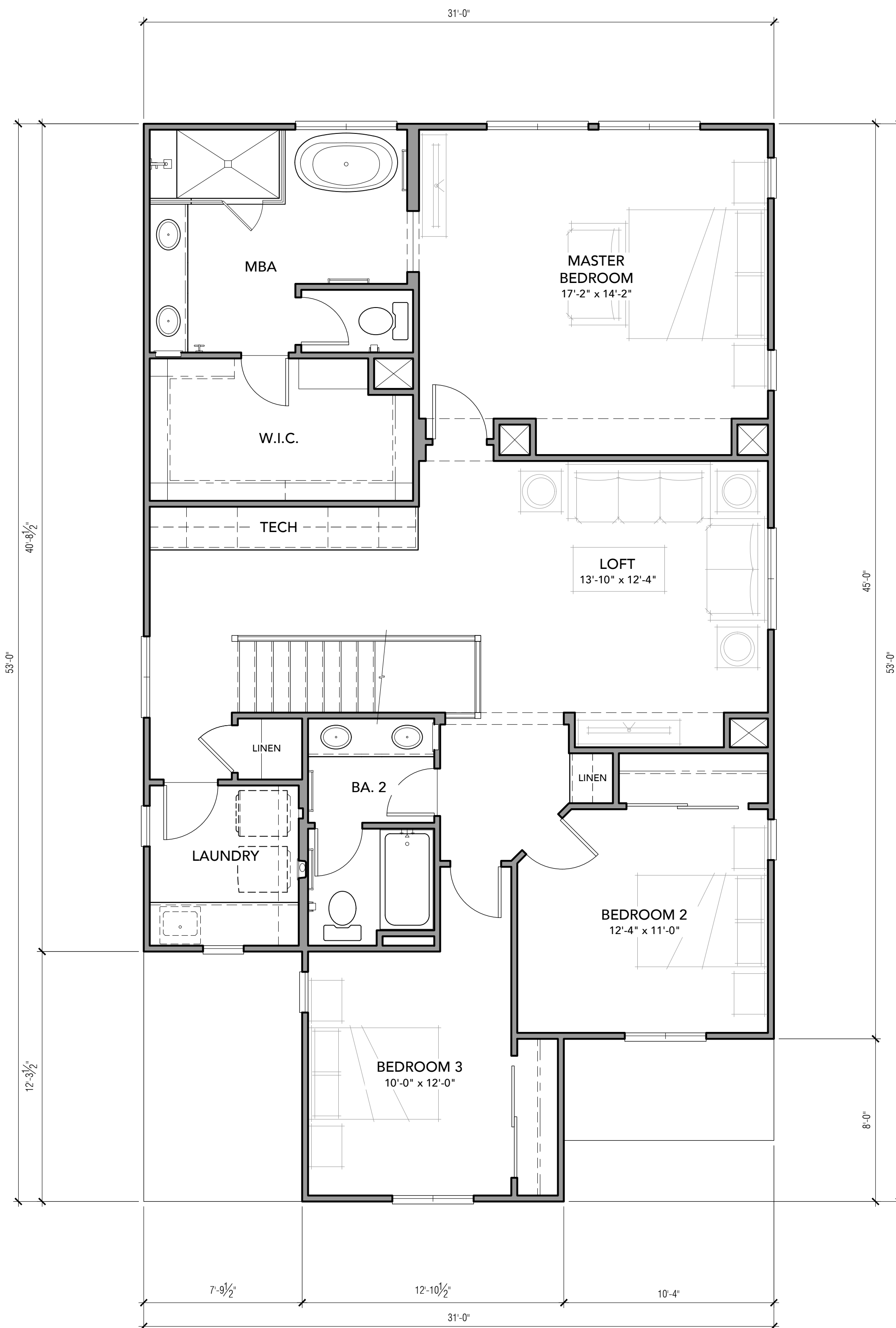


ENTRY ELEVATION

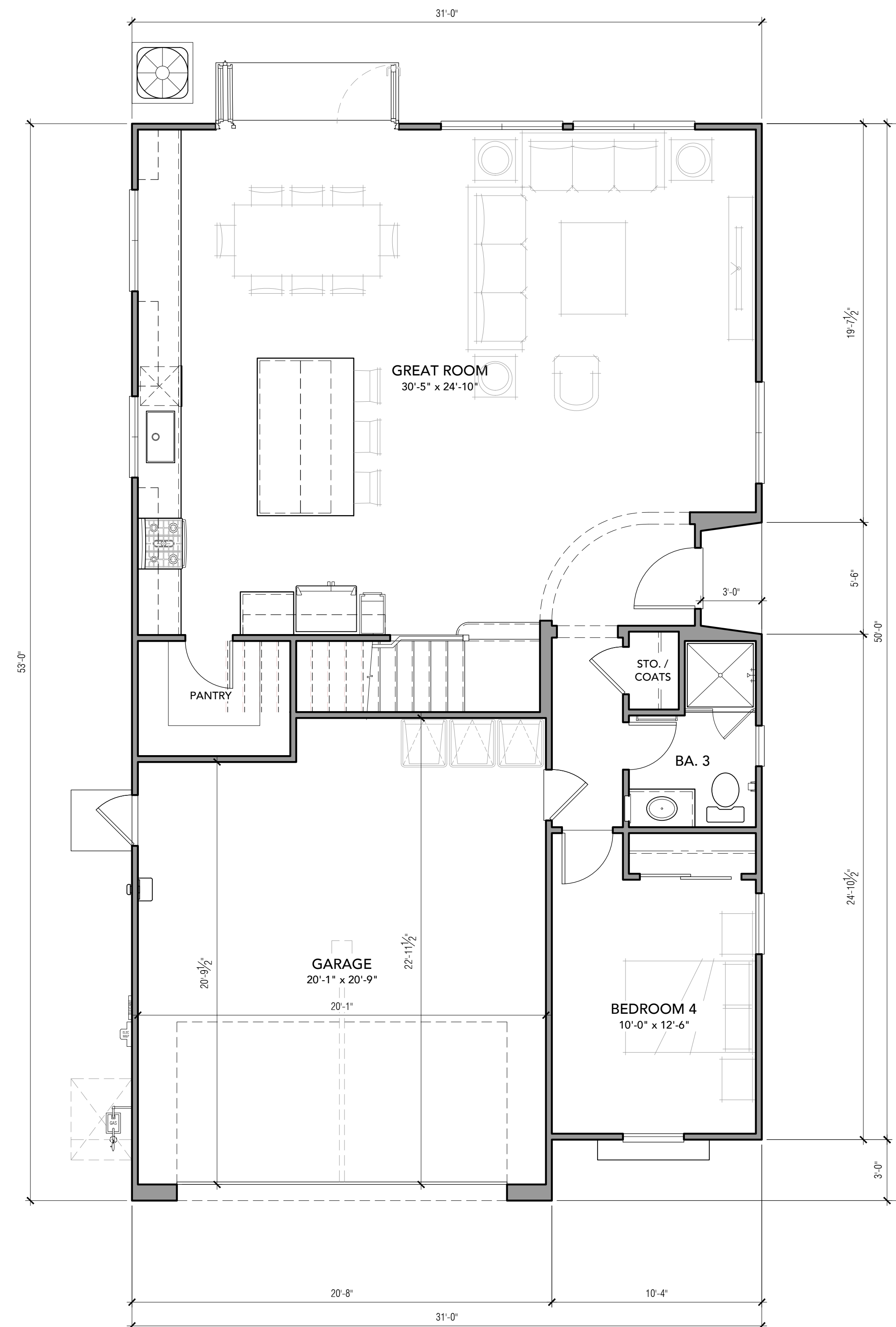


FRONT ELEVATION

0 4 8 12



SECOND FLOOR PLAN



FIRST FLOOR PLAN

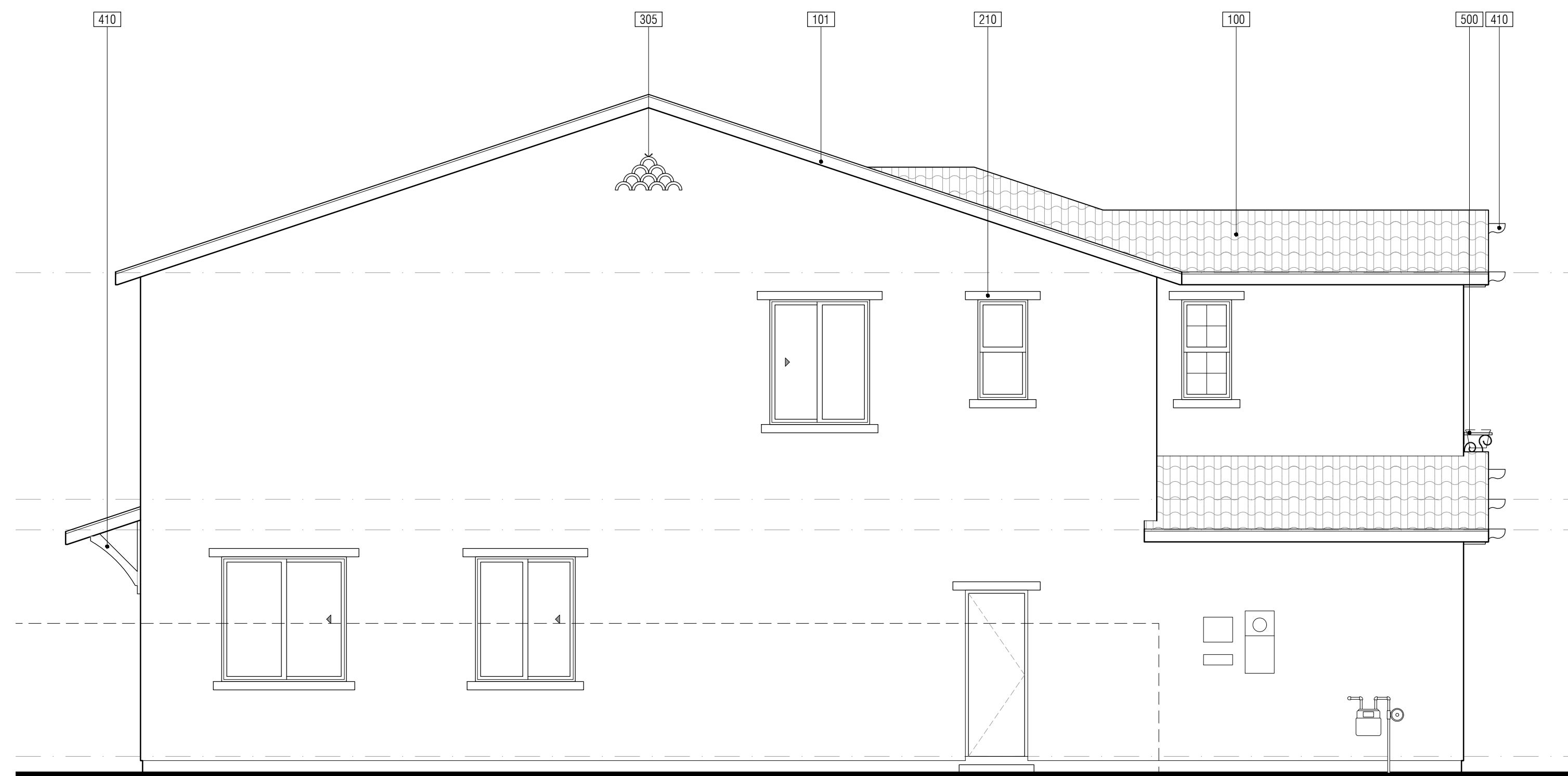
PLAN 2	
AREA TABULATION	
CONDITIONED SPACE	
FIRST FLOOR:	1129 SF
SECOND FLOOR:	1,424 SF
TOTAL CONDITIONED:	2,553 SF
UNCONDITIONED SPACE	
GARAGE:	467 SF
COVERED PORCH:	16 SF
TOTAL UNCONDITIONED:	483 SF



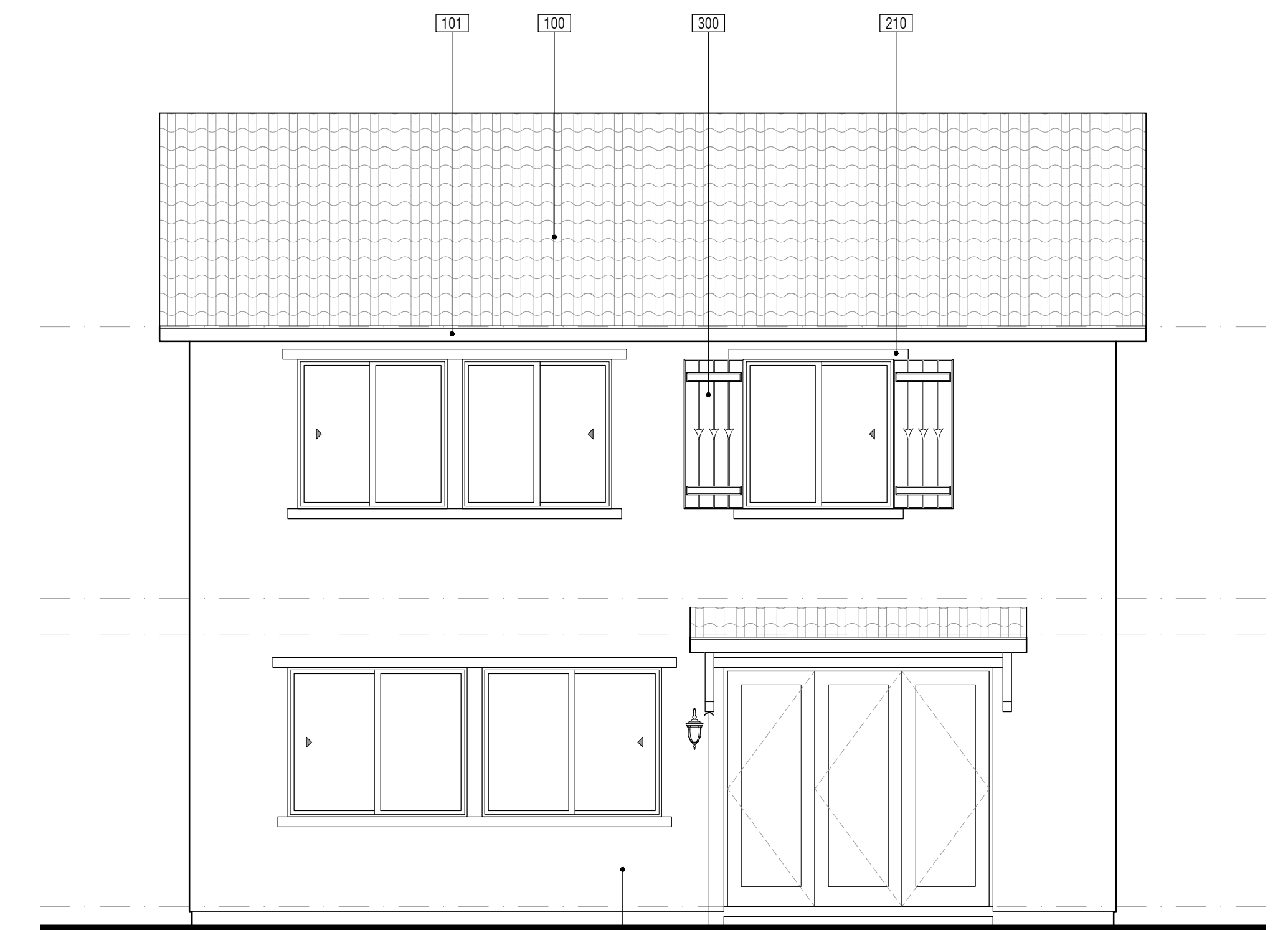
JOB NO.	BE-21-001
SHEET NO.	A2.1.1
DATE	220516

EXTERIOR ELEVATION MATERIAL LEGEND

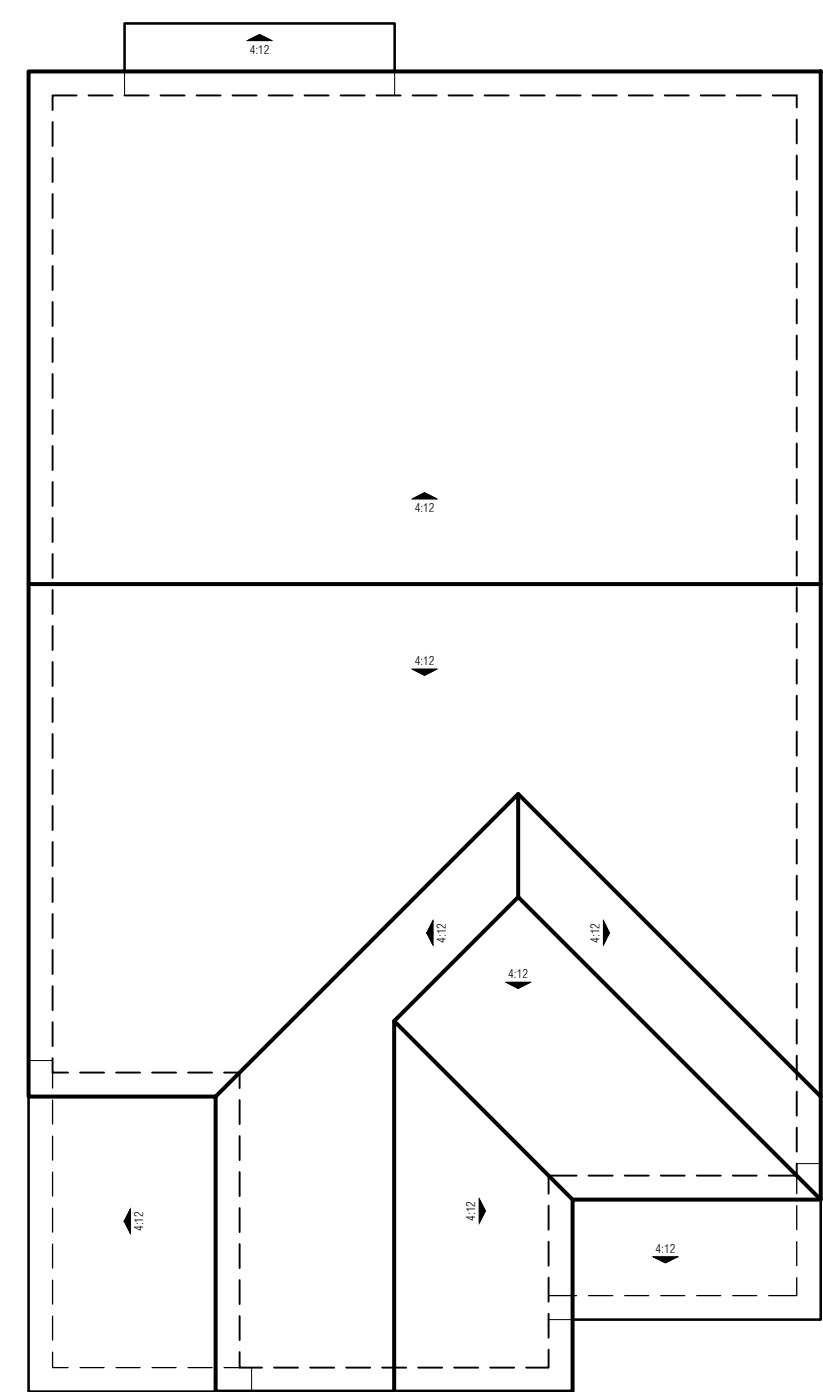
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- 100 CONCRETE S' ROOF TILE
- 101 WOOD FASCIA BOARD
- 110 ENTRY DOOR
- 111 METAL SECTIONAL GARAGE DOOR
- 140 BUILDING ADDRESS SIGNAGE
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- 305 PAINTED FOAM FAUX GABLE END VENTS
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- 410 OUTLOOKER / BRACKET
- 415 CORBEL
- 500: EXTERIOR METAL
- 500 POT SHELF
- 600: EXTERIOR VENEERS
- 600 ADHERED MANUFACTURED STONE VENEER
- 700: MISCELLANEOUS
- 700 DECORATIVE CERAMIC TILE
- 710 DECORATIVE PRECAST GABLE END DETAIL



LEFT ELEVATION



REAR ELEVATION



ROOF PLAN



ENTRY ELEVATION

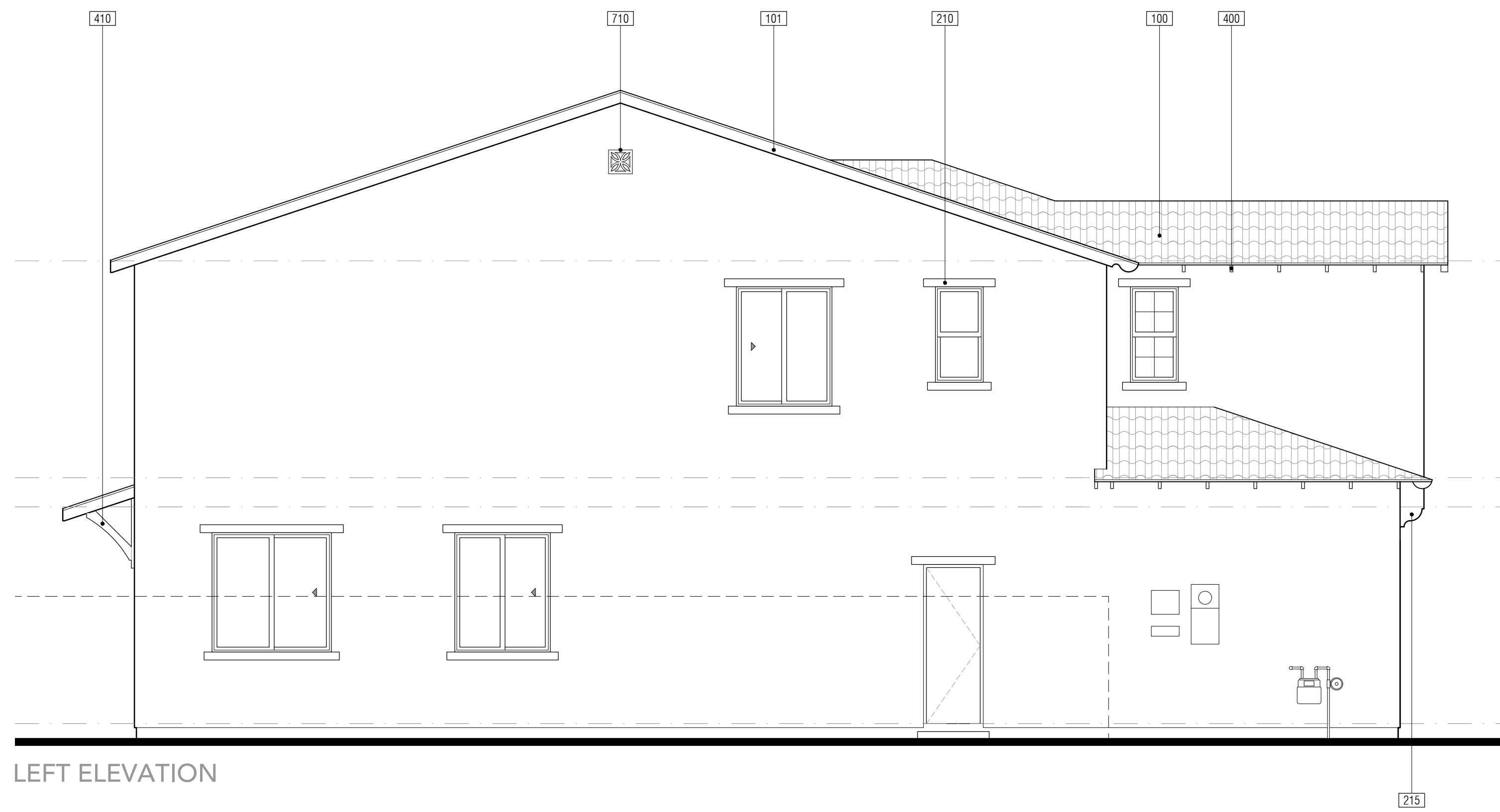


FRONT ELEVATION

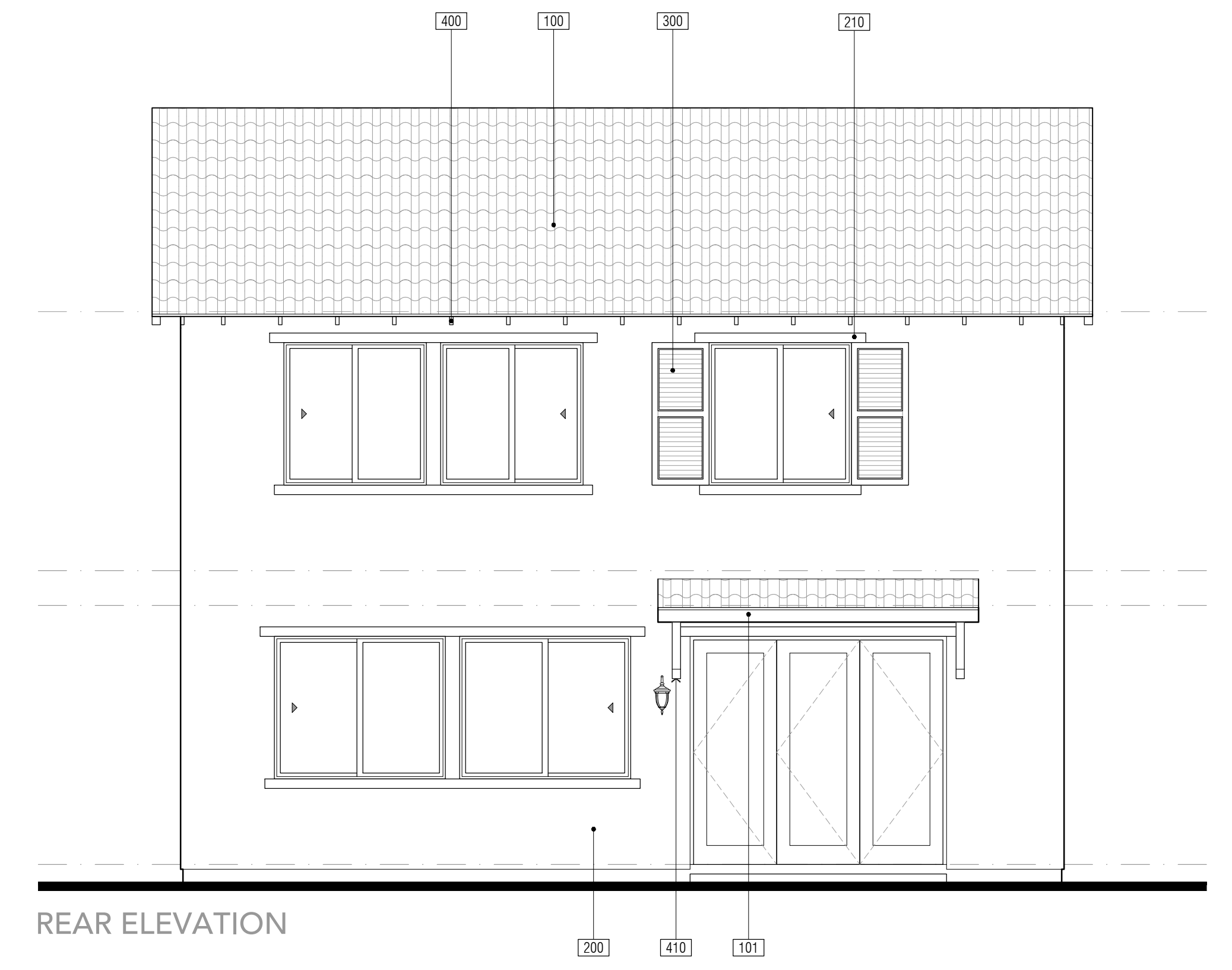
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EXTERIOR ELEVATION MATERIAL LEGEND

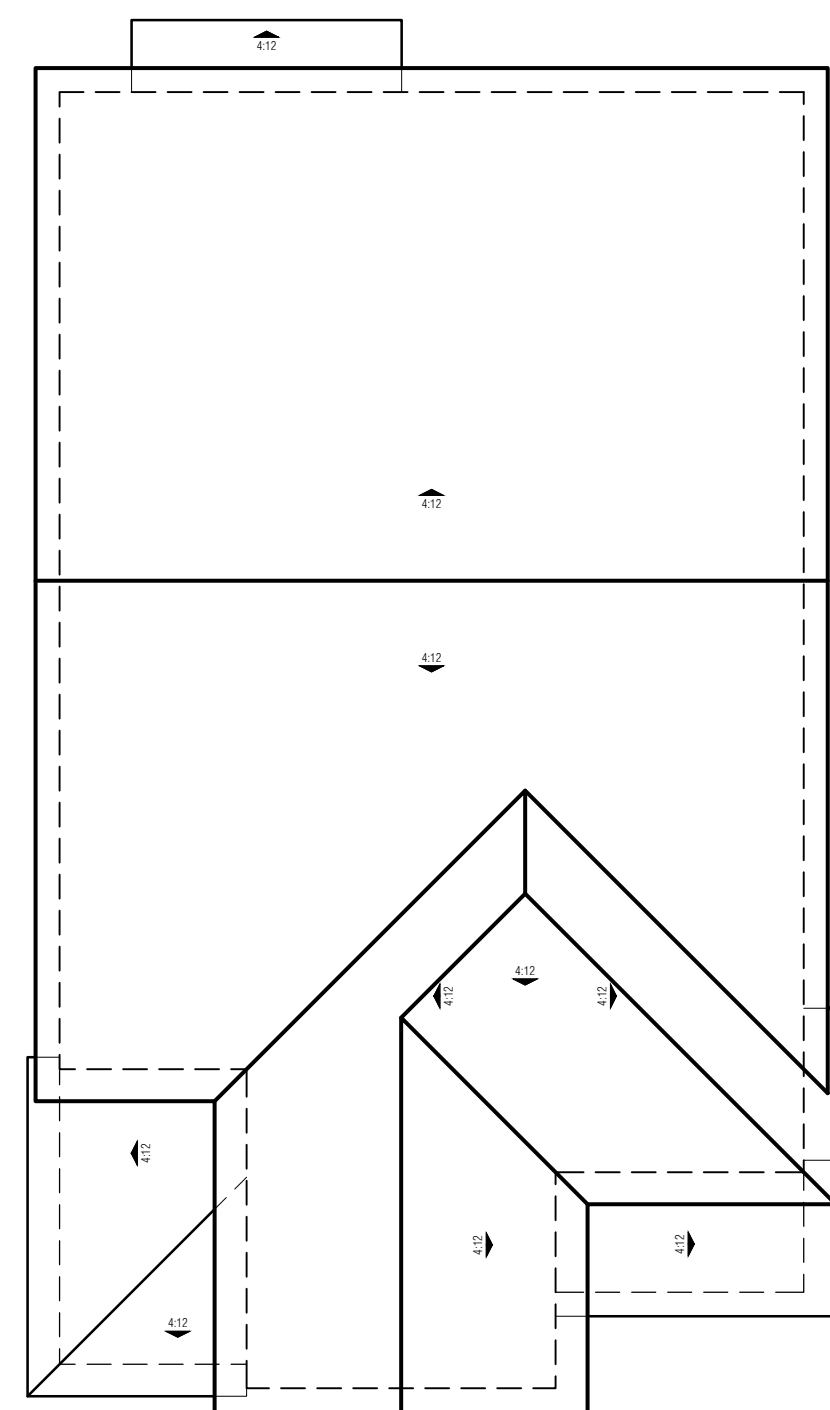
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- 100 CONCRETE S' ROOF TILE
- 101 WOOD FASCIA BOARD
- 110 ENTRY DOOR
- 111 METAL SECTIONAL GARAGE DOOR
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- 410 OUTLOOKER / BRACKET
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- 500 POT SHELF
- 600: EXTERIOR VENEERS
- 600 ADHERED MANUFACTURED STONE VENEER
- 700: MISCELLANEOUS
- 700 DECORATIVE CERAMIC TILE
- 710 DECORATIVE PRECAST GABLE END DETAIL



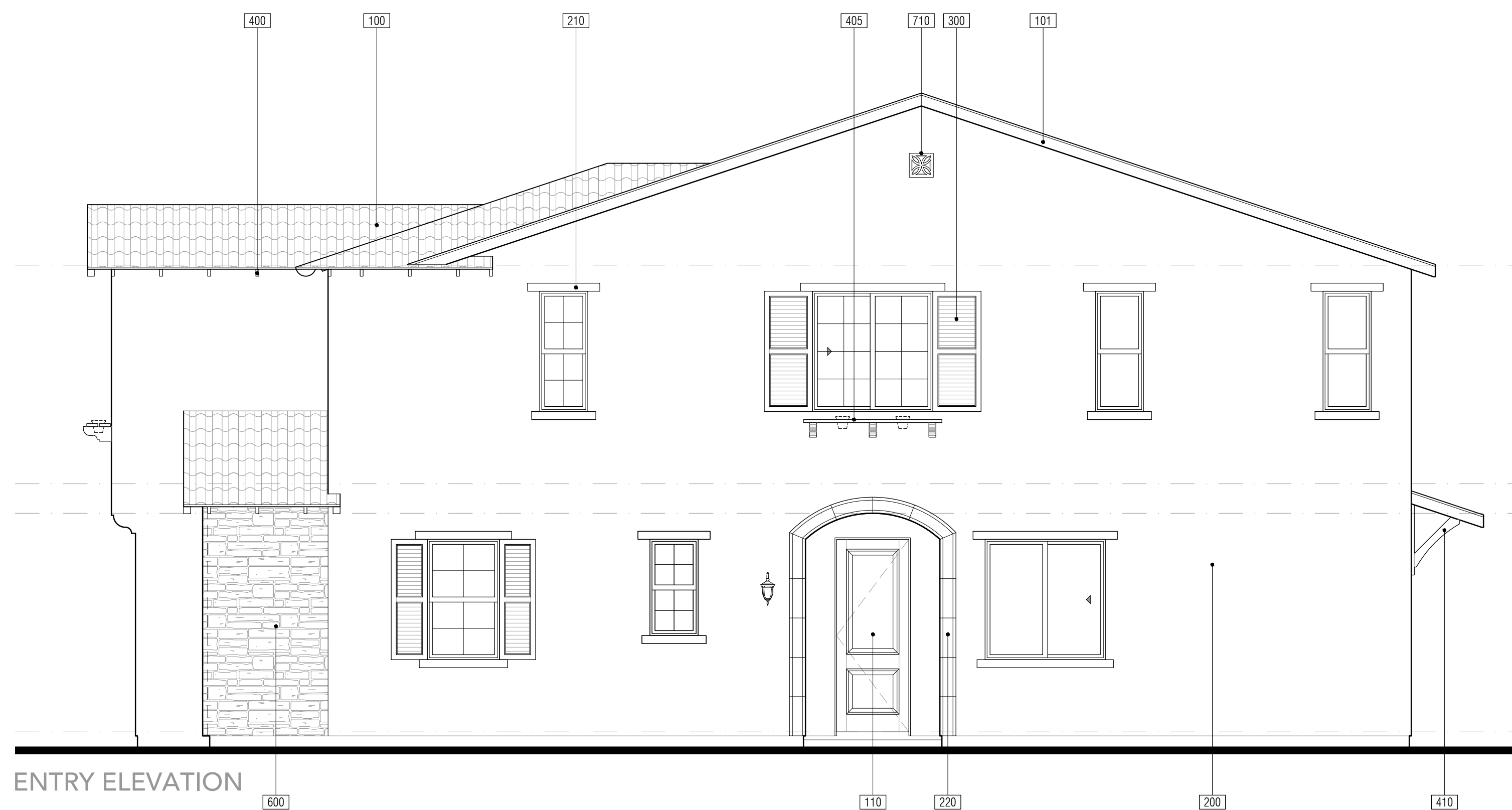
LEFT ELEVATION



REAR ELEVATION



ROOF PLAN

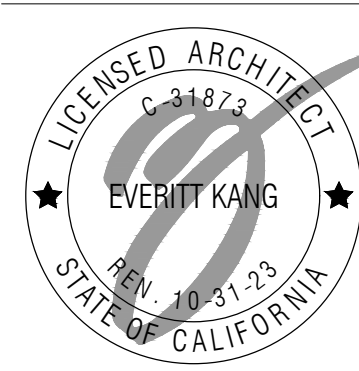


ENTRY ELEVATION



FRONT ELEVATION

0 4 8 12



JOB NO.	BE-21-001
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D.U. PLAN 1
AREA TABULATION

CONDITIONED SPACE	
FIRST FLOOR:	586 SF
SECOND FLOOR:	960 SF
TOTAL CONDITIONED:	1,546 SF
UNCONDITIONED SPACE	
GARAGE:	475 SF
COVERED PORCH:	12 SF
TOTAL UNCONDITIONED:	487 SF

D.U. PLAN 2
AREA TABULATION

CONDITIONED SPACE	
FIRST FLOOR:	716 SF
SECOND FLOOR:	1,152 SF
TOTAL CONDITIONED:	1,868 SF
UNCONDITIONED SPACE	
GARAGE:	488 SF
COVERED PORCH:	17 SF
TOTAL UNCONDITIONED:	505 SF

PLAN 1

PLAN 2

FIRST FLOOR DUPLEX BUILDING PLAN

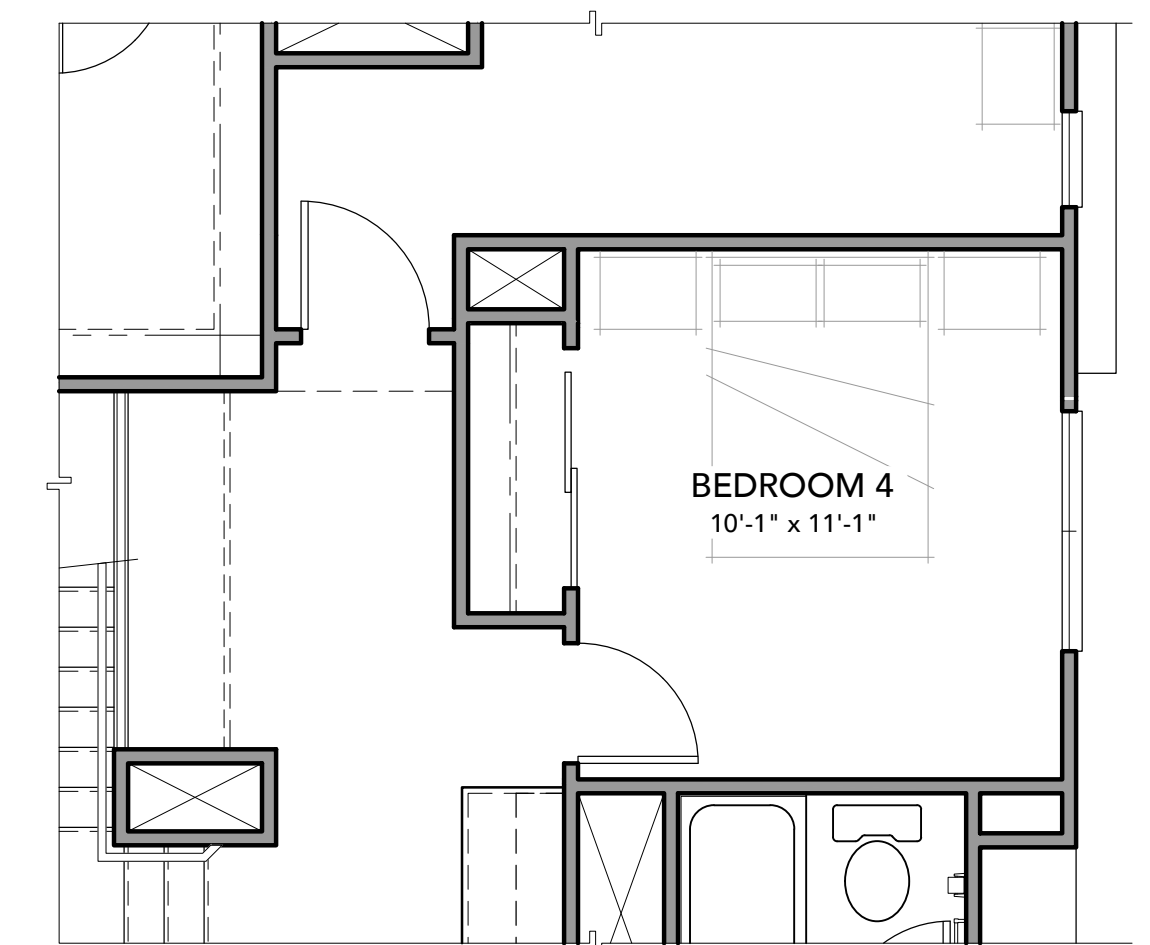
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PLAN 1

PLAN 2

SECOND FLOOR DUPLEX BUILDING PLAN



PLAN 2 BEDROOM 4 OPT.



JOB NO.	BE-21-001
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DATE	220516



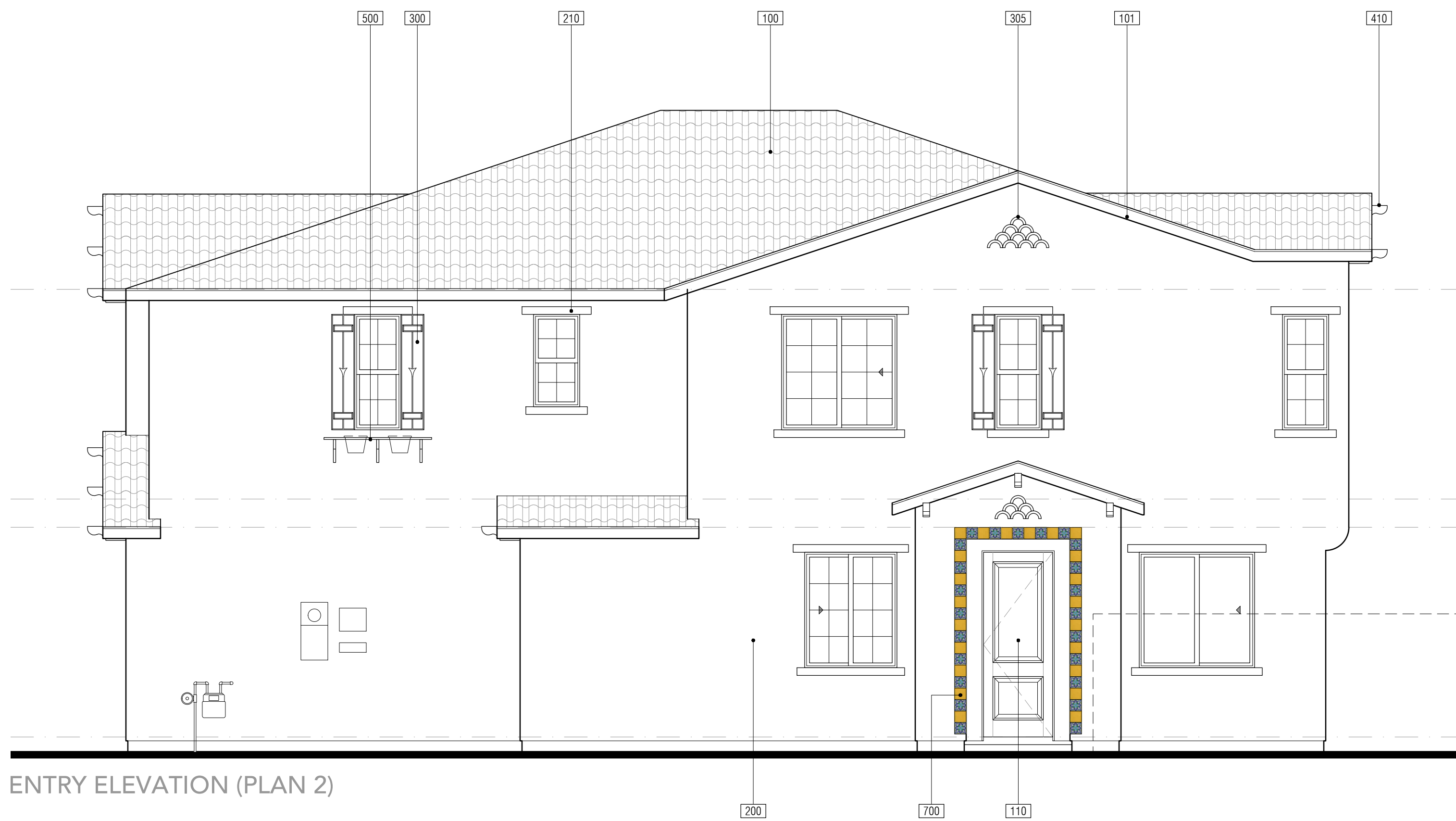
ENTRY ELEVATION (PLAN 1)

EXTERIOR ELEVATION MATERIAL LEGEND

- 100: BUILDING COMPONENTS
- 100 CONCRETE S' ROOF TILE
- 101 WOOD FASCIA BOARD
- 110 ENTRY DOOR
- 111 METAL SECTIONAL GARAGE DOOR
- 140 BUILDING ADDRESS SIGNAGE
- 200: EXTERIOR STUCCO FINISH
- 200 EXTERIOR STUCCO FINISH
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- 405 POT SHELF
- 410 OUTLOOKER / BRACKET
- 415 CORBEL
- 500: EXTERIOR METAL
- 500 POT SHELF
- 600: EXTERIOR VENEERS
- 600 ADHERED MANUFACTURED STONE VENEER
- 700: MISCELLANEOUS
- 700 DECORATIVE CERAMIC TILE
- 710 DECORATIVE PRECAST GABLE END DETAIL



REAR / MISSION DRIVE ELEVATION



ENTRY ELEVATION (PLAN 2)



FRONT ELEVATION

0 4 8 12



ENTRY ELEVATION (PLAN 1)

EXTERIOR ELEVATION MATERIAL LEGEND

- 100: BUILDING COMPONENTS
- 100 CONCRETE S' ROOF TILE
- 101 WOOD FASCIA BOARD
- 110 ENTRY DOOR
- 111 METAL SECTIONAL GARAGE DOOR
- 140 BUILDING ADDRESS SIGNAGE
- 200: EXTERIOR STUCCO FINISH
- 200 EXTERIOR STUCCO FINISH
- 210 STUCCO w/ FOAM TRIM
- 215 STUCCO w/ FOAM CORBELS
- 220 STUCCO w/ SHAPED FOAM
- 300: PAINTED DETAILS
- 300 PAINTED SHUTTER
- 305 PAINTED FOAM FAUX GABLE END VENTS
- 400: EXTERIOR WOOD
- 400 RAFTER TAIL
- 405 POT SHELF
- 410 OUTLOOKER / BRACKET
- 415 CORBEL
- 500: EXTERIOR METAL
- 500 POT SHELF
- 600: EXTERIOR VENEERS
- 600 ADHERED MANUFACTURED STONE VENEER
- 700: MISCELLANEOUS
- 700 DECORATIVE CERAMIC TILE
- 710 DECORATIVE PRECAST GABLE END DETAIL



REAR / MISSION DRIVE ELEVATION

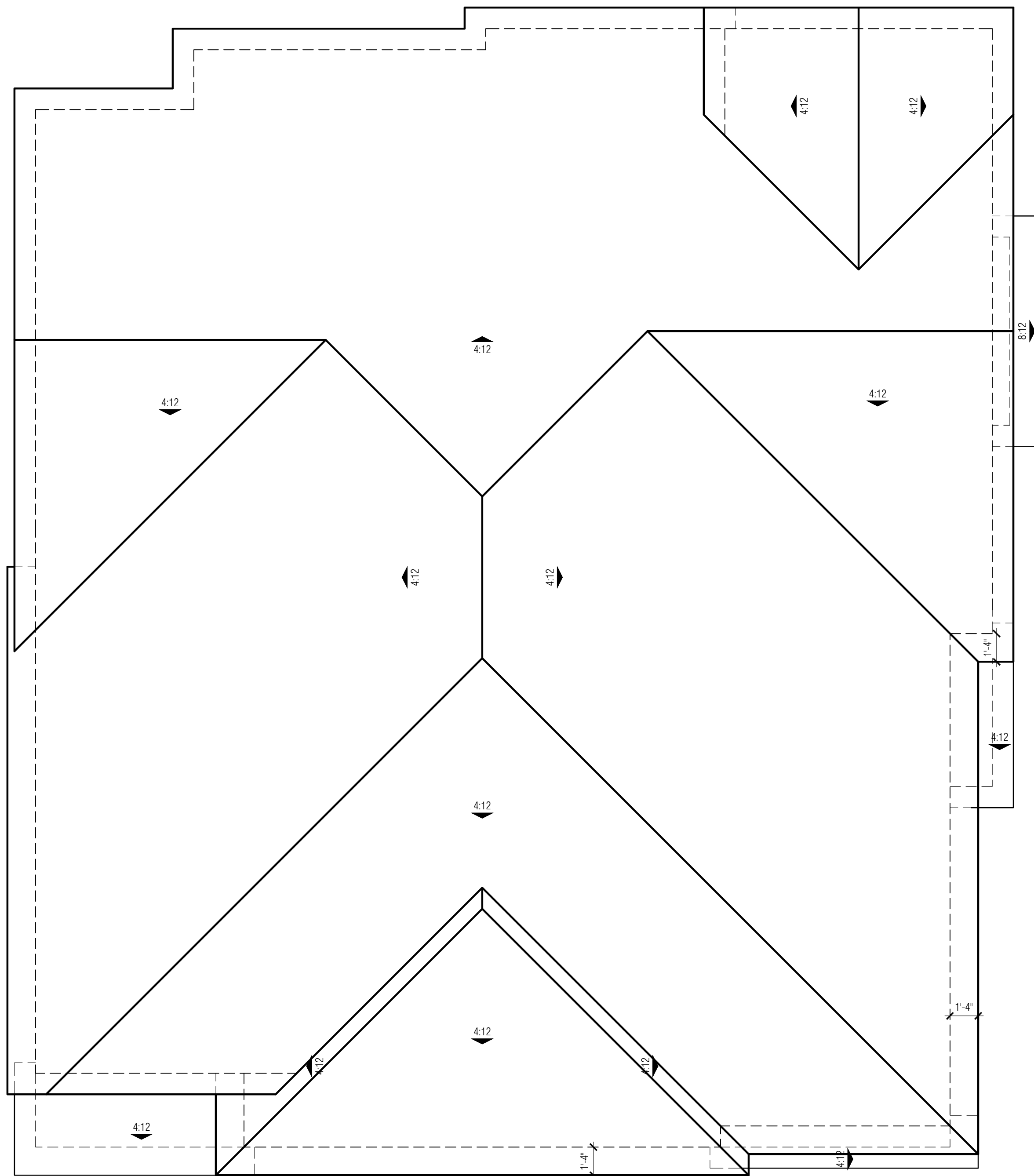


ENTRY ELEVATION (PLAN 2)

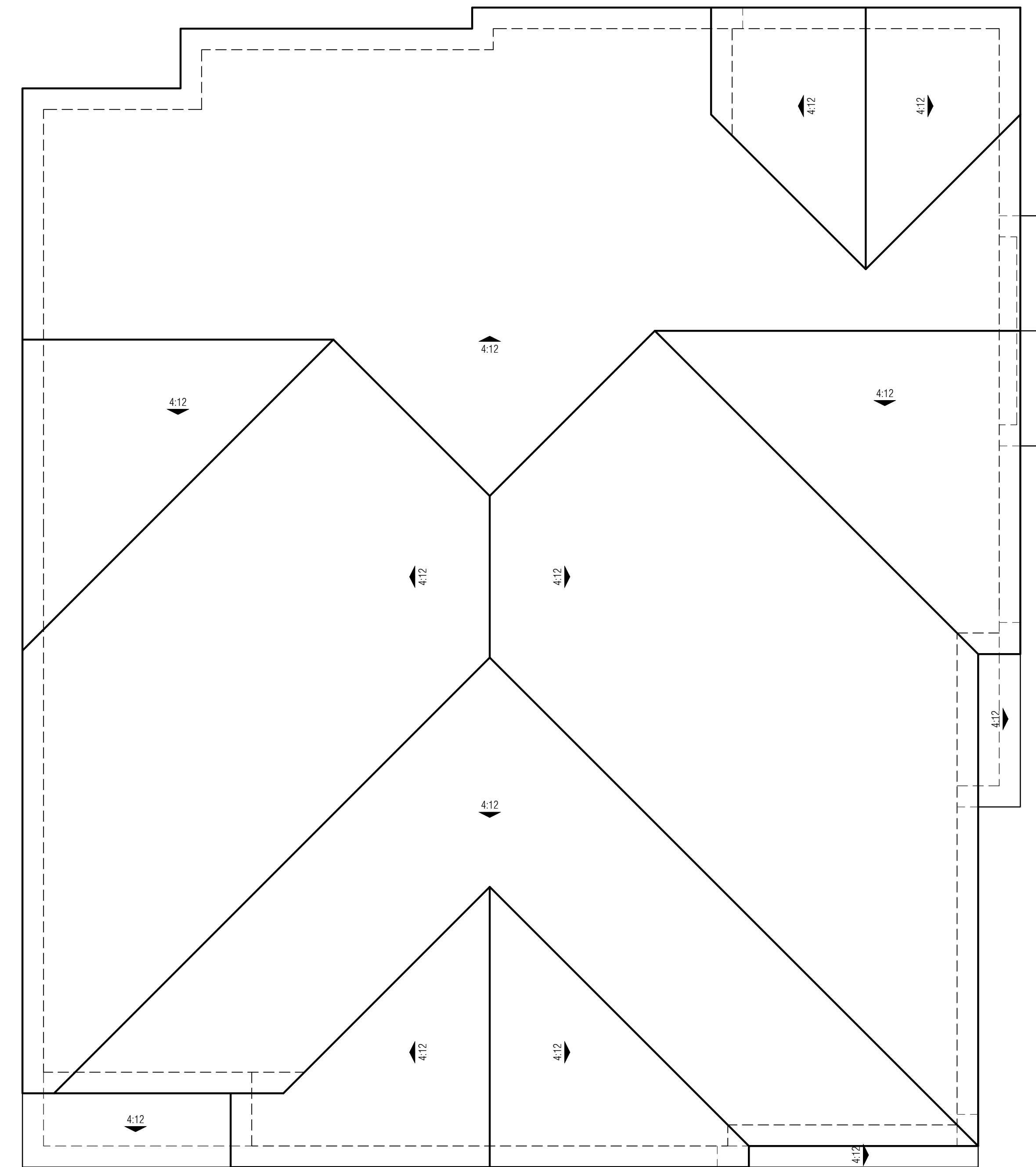


FRONT ELEVATION

0 4 8 12



HACIENDA ROOF PLAN



SPANISH COLONIAL ROOF PLAN

0 4 8 12



JOB NO.	BE-21-001
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FIGURE 4



Figure 4
Habitat Map
APNs 5389-009-029, -030, & -031
City of Rosemead, Los Angeles County, California

Legend



-  Project Site Boundary
-  Ruderal Habitat (3.44 Ac.)



FIGURE 5



Figure 5
 Impact Map
 APNs 5389-009-029, -030, & -031
 City of Rosemead, Los Angeles County, California

- Legend**
- Project Site Boundary
 - Ruderal Habitat (3.44 Ac.)



APPENDIX A

Observed Species List

Plant List

Scientific Name	Common Name
<i>Acmispon americanus</i>	Spanish clover
<i>Ailanthus altissima</i>	Tree of heaven
<i>Bromus madritensis</i>	Red brome
<i>Chenopodium album</i>	White goosefoot
<i>Cynodon dactylon</i>	Bermuda grass
<i>Erodium cicutarium</i>	Redstem filaree
<i>Euphorbia maculate</i>	Spotted spurge
<i>Ficus pumila</i>	Creeping fig
<i>Heterotheca grandiflora</i>	Telegraphweed
<i>Hirschfeldia incana</i>	Shortpod mustard
<i>Lactuca serriola</i>	Prickly lettuce
<i>Ligustrum lucidum</i>	Glossy privet
<i>Malva parviflora</i>	Cheeseweed
<i>Nerium oleander</i>	Oleander
<i>Plumbago auriculata</i>	Cape leadwort
<i>Salsola tragus</i>	Tumbleweed
<i>Schinus terebinthifolia</i>	Brazilian peppertree
<i>Tribulus terrestris</i>	Puncture vine
<i>Ulmus parvifolia</i>	Chinese elm
<i>Vitis californica</i>	California wild grape
<i>Washingtonia robusta</i>	Mexican fan palm

Wildlife List

Scientific Name

Common Name

Aphelocoma californica

California scrub jay

Bombus sp.

Bumblebee

Corvus brachyrhynchos

American crow

Danaus plexippus

Monarch butterfly

Falco sparverius

American kestrel

Melospiza crissalis

California towhee

Mimus polyglottos

Northern mockingbird

Pontia protodice

Checkered white butterfly

Streptopelia decaocto

Eurasian collared dove

APPENDIX B

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
<i>Arctostaphylos glandulosa</i> ssp. <i>gabrielensis</i>	San Gabriel manzanita	Dicots	None	None	1B.2	Chaparral	Chaparral.	Rocky outcrops; can be dominant shrub where it occurs. 960-2015 m.	No habitat for this species is present on the project site. This species is not present.
<i>Astragalus brauntonii</i>	Braunton's milk-vetch	Dicots	Endangered	None	1B.1	Chaparral Coastal scrub Limestone Valley & foothill grassland	Chaparral, coastal scrub, valley and foothill grassland.	Recent burns or disturbed areas; usually on sandstone with carbonate layers. Soil specialist; requires shallow soils to defeat pocket gophers and open areas, preferably on hilltops, saddles or bowls between hills. 3-640 m.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
Atriplex parishii	Parish's brittle scale	Dicots	None	None	1B.1	Alkali playa Chenopod scrub Meadow & seep Vernal pool Wetland	Vernal pools, chenopod scrub, playas.	Usually on drying alkali flats with fine soils. 4-1420 m.	No habitat for this species is present on the project site. This species is not present.
Atriplex serenana var. davidsonii	Davidson's salt scale	Dicots	None	None	1B.2	Coastal bluff scrub Coastal scrub	Coastal bluff scrub, coastal scrub.	Alkaline soil. 0-480 m.	No habitat for this species is present on the project site. This species is not present.
Berberis nevinii	Nevin's barberry	Dicots	Endangered	Endangered	1B.1	Chaparral Cismontane woodland Coastal scrub Riparian scrub	Chaparral, cismontane woodland, coastal scrub, riparian scrub.	On steep, N-facing slopes or in low grade sandy washes. 90-1590 m.	No habitat for this species is present on the project site. This species is not present.
California Walnut Woodland	California Walnut Woodland	Woodland	None	None		Cismontane woodland			Not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
Calochortus clavatus var. gracilis	slender mariposa-lily	Monocots	None	None	1B.2	Chaparral Coastal scrub Valley & foothill grassland	Chaparral, coastal scrub, valley and foothill grassland.	Shaded foothill canyons; often on grassy slopes within other habitat. 210-1815 m.	No habitat for this species is present on the project site. This species is not present.
Calochortus plummerae	Plummer's mariposa-lily	Monocots	None	None	4.2	Chaparral Cismontane woodland Coastal scrub Lower montane coniferous forest Valley & foothill grassland	Coastal scrub, chaparral, valley and foothill grassland, cismontane woodland, lower montane coniferous forest.	Occurs on rocky and sandy sites, usually of granitic or alluvial material. Can be very common after fire. 60-2500 m.	No habitat for this species is present on the project site. This species is not present.
Calochortus weedii var. intermedius	intermediate mariposa-lily	Monocots	None	None	1B.2	Chaparral Coastal scrub Valley & foothill grassland	Coastal scrub, chaparral, valley and foothill grassland.	Dry, rocky calcareous slopes and rock outcrops. 60-1575 m.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
<i>Calystegia felix</i>	lucky morning-glory	Dicots	None	None	1B.1	Meadow & seep Riparian scrub	Meadows and seeps, riparian scrub.	Sometimes alkaline, alluvial. 9-205 m.	No habitat for this species is present on the project site. This species is not present.
Canyon Live Oak Ravine Forest	Canyon Live Oak Ravine Forest	Riparian	None	None		Riparian forest			Not present.
<i>Centromadia parryi</i> ssp. <i>australis</i>	southern tarplant	Dicots	None	None	1B.1	Marsh & swamp Salt marsh Valley & foothill grassland Vernal pool Wetland	Marshes and swamps (margins), valley and foothill grassland, vernal pools.	Often in disturbed sites near the coast at marsh edges; also in alkaline soils sometimes with saltgrass. Sometimes on vernal pool margins. 0-975 m.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
<i>Centromadia pungens</i> ssp. <i>laevis</i>	smooth tarplant	Dicots	None	None	1B.1	Alkali playa Chenopod scrub Meadow & seep Riparian woodland Valley & foothill grassland Wetland	Valley and foothill grassland, chenopod scrub, meadows and seeps, playas, riparian woodland.	Alkali meadow, alkali scrub; also in disturbed places. 5-1170 m.	No habitat for this species is present on the project site. This species is not present.
<i>Chorizanthe parryi</i> var. <i>parryi</i>	Parry's spineflower	Dicots	None	None	1B.1	Chaparral Cismontane woodland Coastal scrub Valley & foothill grassland	Coastal scrub, chaparral, cismontane woodland, valley and foothill grassland.	Dry slopes and flats; sometimes at interface of 2 vegetation types, such as chaparral and oak woodland. Dry, sandy soils. 90-1220 m.	No habitat for this species is present on the project site. This species is not present.
<i>Cladium californicum</i>	California saw-grass	Monocots	None	None	2B.2	Alkali marsh Freshwater marsh Meadow & seep Wetland	Meadows and seeps, marshes and swamps (alkaline or freshwater).	Freshwater or alkaline moist habitats. -40-2150 m.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
<i>Cuscuta obtusiflora</i> var. <i>glandulosa</i>	Peruvian dodder	Dicots	None	None	2B.2	Marsh & swamp Wetland	Marshes and swamps (freshwater).	Freshwater marsh. 15-280 m.	No habitat for this species is present on the project site. This species is not present.
<i>Dodecahema leptoceras</i>	slender-horned spineflower	Dicots	Endangered	Endangered	1B.1	Chaparral Cismontane woodland Coastal scrub	Chaparral, cismontane woodland, coastal scrub (alluvial fan sage scrub).	Flood deposited terraces and washes; associates include <i>Encelia</i> , <i>Dalea</i> , <i>Lepidospartum</i> , etc. Sandy soils. 200-765 m.	No habitat for this species is present on the project site. This species is not present.
<i>Dudleya cymosa</i> ssp. <i>crebrifolia</i>	San Gabriel River dudleya	Dicots	None	None	1B.2	Chaparral	Chaparral.	On granite cliffs and outcrops, surrounded by scrub. 365-1250 m.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
Dudleya densiflora	San Gabriel Mountains dudleya	Dicots	None	None	1B.1	Chaparral Cismontane woodland Coastal scrub Lower montane coniferous forest Riparian forest	Chaparral, coastal scrub, cismontane woodland, lower montane coniferous forest, riparian forest.	In crevices and on decomposed granite on cliffs and canyon walls. 270-1100 m.	No habitat for this species is present on the project site. This species is not present.
Dudleya multicaulis	many-stemmed dudleya	Dicots	None	None	1B.2	Chaparral Coastal scrub Valley & foothill grassland	Chaparral, coastal scrub, valley and foothill grassland.	In heavy, often clayey soils or grassy slopes. 1-910 m.	No habitat for this species is present on the project site. This species is not present.
Galium grande	San Gabriel bedstraw	Dicots	None	None	1B.2	Broadleaved upland forest Chaparral Cismontane woodland Lower montane coniferous forest	Cismontane woodland, chaparral, broadleaved upland forest, lower montane coniferous forest.	Open chaparral and low, open oak forest; on rocky slopes; probably undercollected due to inaccessible habitat. 425-1450 m.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
<i>Helianthus nuttallii</i> ssp. <i>parishii</i>	Los Angeles sunflower	Dicots	None	None	1A	Freshwater marsh Marsh & swamp Salt marsh Wetland	Marshes and swamps (coastal salt and freshwater).	35-1525 m.	No habitat for this species is present on the project site. This species is not present.
<i>Horkelia cuneata</i> var. <i>puberula</i>	mesa horkelia	Dicots	None	None	1B.1	Chaparral Cismontane woodland Coastal scrub	Chaparral, cismontane woodland, coastal scrub.	Sandy or gravelly sites. 15-1645 m.	No habitat for this species is present on the project site. This species is not present.
<i>Imperata brevifolia</i>	California satintail	Monocots	None	None	2B.1	Chaparral Coastal scrub Meadow & seep Mojavean desert scrub Riparian scrub Wetland	Coastal scrub, chaparral, riparian scrub, mojavean desert scrub, meadows and seeps (alkali), riparian scrub.	Mesic sites, alkali seeps, riparian areas. 3-1495 m.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	Coulter's goldfields	Dicots	None	None	1B.1	Alkali playa Marsh & swamp Salt marsh Vernal pool Wetland	Coastal salt marshes, playas, vernal pools.	Usually found on alkaline soils in playas, sinks, and grasslands. 1-1375 m.	No habitat for this species is present on the project site. This species is not present.
<i>Lepidium virginicum</i> var. <i>robinsonii</i>	Robinson's pepper-grass	Dicots	None	None	4.3	Chaparral Coastal scrub	Chaparral, coastal scrub.	Dry soils, shrubland. 4-1435 m.	No habitat for this species is present on the project site. This species is not present.
<i>Linanthus concinnus</i>	San Gabriel linanthus	Dicots	None	None	1B.2	Chaparral Lower montane coniferous forest Upper montane coniferous forest	Lower montane coniferous forest, upper montane coniferous forest, chaparral.	Dry rocky slopes, often in Jeffrey pine/canyon oak forest. 1310-2560 m.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
Muhlenbergia californica	California muhly	Monocots	None	None	4.3	Chaparral Coastal scrub Lower montane coniferous forest Meadow & seep	Coastal scrub, chaparral, lower montane coniferous forest, meadows and seeps.	Usually found near streams or seeps. 100-2000 m.	No habitat for this species is present on the project site. This species is not present.
Navarretia prostrata	prostrate vernal pool navarretia	Dicots	None	None	1B.2	Coastal scrub Meadow & seep Valley & foothill grassland Vernal pool Wetland	Coastal scrub, valley and foothill grassland, vernal pools, meadows and seeps.	Alkaline soils in grassland, or in vernal pools. Mesic, alkaline sites. 3-1235 m.	No habitat for this species is present on the project site. This species is not present.
Open Engelmann Oak Woodland	Open Engelmann Oak Woodland	Woodland	None	None		Cismontane woodland			Not present.
Orcuttia californica	California Orcutt grass	Monocots	Endangered	Endangered	1B.1	Vernal pool Wetland	Vernal pools.	10-660 m.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
<i>Orobanche valida</i> ssp. <i>valida</i>	Rock Creek broomrape	Dicots	None	None	1B.2	Chaparral Pinon & juniper woodlands	Chaparral, pinyon and juniper woodland.	On slopes of loose decomposed granite; parasitic on various chaparral shrubs. 975-1985 m.	No habitat for this species is present on the project site. This species is not present.
<i>Phacelia stellaris</i>	Brand's star phacelia	Dicots	None	None	1B.1	Coastal dunes Coastal scrub	Coastal scrub, coastal dunes.	Open areas. 3-370 m.	No habitat for this species is present on the project site. This species is not present.
<i>Pseudognaphalium leucocephalum</i>	white rabbit-tobacco	Dicots	None	None	2B.2	Chaparral Cismontane woodland Coastal scrub Riparian woodland	Riparian woodland, cismontane woodland, coastal scrub, chaparral.	Sandy, gravelly sites. 35-515 m.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
<i>Ribes divaricatum</i> var. <i>parishii</i>	Parish's gooseberry	Dicots	None	None	1A	Riparian woodland	Riparian woodland.	Salix swales in riparian habitats. 65-300 m.	No habitat for this species is present on the project site. This species is not present.
Riversidian Alluvial Fan Sage Scrub	Riversidian Alluvial Fan Sage Scrub	Scrub	None	None		Coastal scrub			Not present.
<i>Scutellaria bolanderi</i> ssp. <i>austromontana</i>	southern mountains skullcap	Dicots	None	None	1B.2	Chaparral Cismontane woodland Lower montane coniferous forest	Chaparral, cismontane woodland, lower montane coniferous forest.	In gravelly soils on streambanks or in mesic sites in oak or pine woodland. 425-2000 m.	No habitat for this species is present on the project site. This species is not present.
<i>Sidalcea neomexicana</i>	salt spring checkerbloom	Dicots	None	None	2B.2	Alkali playa Chaparral Coastal scrub Lower montane coniferous forest Mojavean desert scrub Wetland	Playas, chaparral, coastal scrub, lower montane coniferous forest, Mojavean desert scrub.	Alkali springs and marshes. 3-2380 m.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
Southern California Arroyo Chub/Santa Ana Sucker Stream	Southern California Arroyo Chub/Santa Ana Sucker Stream	Inland Waters	None	None					Not present.
Southern Coast Live Oak Riparian Forest	Southern Coast Live Oak Riparian Forest	Riparian	None	None		Riparian forest			Not present.
Southern Sycamore Alder Riparian Woodland	Southern Sycamore Alder Riparian Woodland	Riparian	None	None		Riparian woodland			Not present.
Symphyotrichum defoliatum	San Bernardino aster	Dicots	None	None	1B.2	Cismontane woodland Coastal scrub Lower montane coniferous forest Marsh & swamp Meadow & seep Valley & foothill grassland	Meadows and seeps, cismontane woodland, coastal scrub, lower montane coniferous forest, marshes and swamps, valley and foothill grassland.	Vernally mesic grassland or near ditches, streams and springs; disturbed areas. 3-2045 m.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Rare Plant Rank	Habitats	General Habitat	Micro Habitat	Presence/Absence
<i>Symphotrichum greatae</i>	Greata's aster	Dicots	None	None	1B.3	Broadleaved upland forest Chaparral Cismontane woodland Lower montane coniferous forest Riparian woodland	Chaparral, cismontane woodland, broadleaved upland forest, lower montane coniferous forest, riparian woodland.	Mesic canyons. 335-2015 m.	No habitat for this species is present on the project site. This species is not present.
<i>Thelypteris puberula</i> var. <i>sonorensis</i>	Sonoran maiden fern	Ferns	None	None	2B.2	Meadow & seep Wetland	Meadows and seeps.	Along streams, seepage areas. 60-930 m.	No habitat for this species is present on the project site. This species is not present.
Walnut Forest	Walnut Forest	Forest	None	None		Broadleaved upland forest			Not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Accipiter cooperii	Cooper's hawk	Birds	None	None	CDFW_WL-Watch List IUCN_LC-Least Concern	Cismontane woodland Riparian forest Riparian woodland Upper montane coniferous forest	Woodland, chiefly of open, interrupted or marginal type.	Nest sites mainly in riparian growths of deciduous trees, as in canyon bottoms on river flood-plains; also, live oaks.	No habitat for this species is present on the project site. This species is not present.
Aimophila ruficeps canescens	southern California rufous-crowned sparrow	Birds	None	None	CDFW_WL-Watch List	Chaparral Coastal scrub	Resident in Southern California coastal sage scrub and sparse mixed chaparral.	Frequents relatively steep, often rocky hillsides with grass and forb patches.	No habitat for this species is present on the project site. This species is not present.
Ammodramus savannarum	grasshopper sparrow	Birds	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	Valley & foothill grassland	Dense grasslands on rolling hills, lowland plains, in valleys and on hillsides on lower mountain slopes.	Favors native grasslands with a mix of grasses, forbs and scattered shrubs. Loosely colonial when nesting.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Anaxyrus californicus	arroyo toad	Amphibians	Endangered	None	CDFW_SSC-Species of Special Concern IUCN_EN-Endangered	Desert wash Riparian scrub Riparian woodland South coast flowing waters South coast standing waters	Semi-arid regions near washes or intermittent streams, including valley-foothill and desert riparian, desert wash, etc.	Rivers with sandy banks, willows, cottonwoods, and sycamores; loose, gravelly areas of streams in drier parts of range.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Anniella stebbinsi	Southern California legless lizard	Reptiles	None	None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	Broadleaved upland forest Chaparral Coastal dunes Coastal scrub	Generally south of the Transverse Range, extending to northwestern Baja California. Occurs in sandy or loose loamy soils under sparse vegetation. Disjunct populations in the Tehachapi and Piute Mountains in Kern County.	Variety of habitats; generally in moist, loose soil. They prefer soils with a high moisture content.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Antrozous pallidus	pallid bat	Mammals	None	None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFS_S-Sensitive WBWG_H-High Priority	Chaparral Coastal scrub Desert wash Great Basin grassland Great Basin scrub Mojavean desert scrub Riparian woodland Sonoran desert scrub Upper montane coniferous forest Valley & foothill grassland	Deserts, grasslands, shrublands, woodlands and forests. Most common in open, dry habitats with rocky areas for roosting.	Roosts must protect bats from high temperatures. Very sensitive to disturbance of roosting sites.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Arizona elegans occidentalis	California glossy snake	Reptiles	None	None	CDFW_SSC-Species of Special Concern		Patchily distributed from the eastern portion of San Francisco Bay, southern San Joaquin Valley, and the Coast, Transverse, and Peninsular ranges, south to Baja California.	Generalist reported from a range of scrub and grassland habitats, often with loose or sandy soils.	No habitat for this species is present on the project site. This species is not present.
Aspidoscelis tigris stejnegeri	coastal whiptail	Reptiles	None	None	CDFW_SSC-Species of Special Concern		Found in deserts and semi-arid areas with sparse vegetation and open areas. Also found in woodland and riparian areas.	Ground may be firm soil, sandy, or rocky.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Athene cunicularia	burrowing owl	Birds	None	None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	Coastal prairie Coastal scrub Great Basin grassland Great Basin scrub Mojavean desert scrub Sonoran desert scrub Valley & foothill grassland	Open, dry annual or perennial grasslands, deserts, and scrublands characterized by low-growing vegetation.	Subterranean nester, dependent upon burrowing mammals, most notably, the California ground squirrel.	No habitat for this species is present on the project site. This species is not present.
Bombus crotchii	Crotch bumble bee	Insects	None	None			Coastal California east to the Sierra-Cascade crest and south into Mexico.	Food plant genera include Antirrhinum, Phacelia, Clarkia, Dendromecon, Eschscholzia, and Eriogonum.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Buteo swainsoni	Swainson's hawk	Birds	None	Threatened	BLM_S-Sensitive IUCN_LC-Least Concern	Great Basin grassland Riparian forest Riparian woodland Valley & foothill grassland	Breeds in grasslands with scattered trees, juniper-sage flats, riparian areas, savannahs, and agricultural or ranch lands with groves or lines of trees.	Requires adjacent suitable foraging areas such as grasslands, or alfalfa or grain fields supporting rodent populations.	No habitat for this species is present on the project site. This species is not present.
Campylorhynchus brunneicapillus sandiegensis	coastal cactus wren	Birds	None	None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive USFWS_BCC-Birds of Conservation Concern	Coastal scrub	Southern California coastal sage scrub.	Wrens require tall opuntia cactus for nesting and roosting.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Catostomus santaanae	Santa Ana sucker	Fish	Threatened	None	AFS_TH- Threatened IUCN_VU- Vulnerable	Aquatic South coast flowing waters	Endemic to Los Angeles Basin south coastal streams.	Habitat generalists, but prefer sand-rubble-boulder bottoms, cool, clear water, and algae.	No habitat for this species is present on the project site. This species is not present.
Coccyzus americanus occidentalis	western yellow-billed cuckoo	Birds	Threatened	Endangered	BLM_S- Sensitive NABCI_RWL- Red Watch List USFS_S- Sensitive	Riparian forest	Riparian forest nester, along the broad, lower flood-bottoms of larger river systems.	Nests in riparian jungles of willow, often mixed with cottonwoods, with lower story of blackberry, nettles, or wild grape.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Corynorhinus townsendii	Townsend's big-eared bat	Mammals	None	None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFS_S-Sensitive WBWG_H-High Priority	Broadleaved upland forest Chaparral Chenopod scrub Great Basin grassland Great Basin scrub Joshua tree woodland Lower montane coniferous forest Meadow & seep Mojavean desert scrub Riparian forest Riparian woodland Sonoran desert scrub Sonoran thorn woodland Upper montane coniferous	Throughout California in a wide variety of habitats. Most common in mesic sites.	Roosts in the open, hanging from walls and ceilings. Roosting sites limiting. Extremely sensitive to human disturbance.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
<i>Cypseloides niger</i>	black swift	Birds	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern NABCI_YWL-Yellow Watch List USFWS_BCC-Birds of Conservation Concern		Coastal belt of Santa Cruz and Monterey counties; central and southern Sierra Nevada; San Bernardino and San Jacinto mountains.	Breeds in small colonies on cliffs behind or adjacent to waterfalls in deep canyons and sea-bluffs above the surf; forages widely.	No habitat for this species is present on the project site. This species is not present.
<i>Empidonax traillii extimus</i>	southwestern willow flycatcher	Birds	Endangered	Endangered	NABCI_RWL-Red Watch List	Riparian woodland	Riparian woodlands in Southern California.		No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Emys marmorata	western pond turtle	Reptiles	None	None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_VU-Vulnerable USFS_S-Sensitive	Aquatic Artificial flowing waters Klamath/North coast flowing waters Klamath/North coast standing waters Marsh & swamp Sacramento/San Joaquin flowing waters Sacramento/San Joaquin standing waters South coast flowing waters South coast standing waters Wetland	A thoroughly aquatic turtle of ponds, marshes, rivers, streams and irrigation ditches, usually with aquatic vegetation, below 6000 ft elevation.	Needs basking sites and suitable (sandy banks or grassy open fields) upland habitat up to 0.5 km from water for egg-laying.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Eumops perotis californicus	western mastiff bat	Mammals	None	None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern WBWG_H-High Priority	Chaparral Cismontane woodland Coastal scrub Valley & foothill grassland	Many open, semi-arid to arid habitats, including conifer and deciduous woodlands, coastal scrub, grasslands, chaparral, etc.	Roosts in crevices in cliff faces, high buildings, trees and tunnels.	No habitat for this species is present on the project site. This species is not present.
Falco peregrinus anatum	American peregrine falcon	Birds	Delisted	Delisted	CDF_S-Sensitive CDFW_FP-Fully Protected		Near wetlands, lakes, rivers, or other water; on cliffs, banks, dunes, mounds; also, human-made structures.	Nest consists of a scrape or a depression or ledge in an open site.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Gila orcuttii	arroyo chub	Fish	None	None	AFS_VU-Vulnerable CDFW_SSC-Species of Special Concern USFS_S-Sensitive	Aquatic South coast flowing waters	Native to streams from Malibu Creek to San Luis Rey River basin. Introduced into streams in Santa Clara, Ventura, Santa Ynez, Mojave and San Diego river basins.	Slow water stream sections with mud or sand bottoms. Feeds heavily on aquatic vegetation and associated invertebrates.	No habitat for this species is present on the project site. This species is not present.
Glyptostoma gabrielense	San Gabriel chestnut	Mollusks	None	None			Terrestrial.		No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Gonidea angulata	western ridged mussel	Mollusks	None	None		Aquatic	Primarily creeks and rivers and less often lakes. Originally in most of state, now extirpated from Central and Southern California.		No habitat for this species is present on the project site. This species is not present.
Icteria virens	yellow-breasted chat	Birds	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	Riparian forest Riparian scrub Riparian woodland	Summer resident; inhabits riparian thickets of willow and other brushy tangles near watercourses.	Nests in low, dense riparian, consisting of willow, blackberry, wild grape; forages and nests within 10 ft of ground.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Lasionycteris noctivagans	silver-haired bat	Mammals	None	None	IUCN_LC-Least Concern WBWG_M-Medium Priority	Lower montane coniferous forest Oldgrowth Riparian forest	Primarily a coastal and montane forest dweller, feeding over streams, ponds and open brushy areas.	Roosts in hollow trees, beneath exfoliating bark, abandoned woodpecker holes, and rarely under rocks. Needs drinking water.	No habitat for this species is present on the project site. This species is not present.
Lasiurus blossevillii	western red bat	Mammals	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern WBWG_H-High Priority	Cismontane woodland Lower montane coniferous forest Riparian forest Riparian woodland	Roosts primarily in trees, 2-40 ft above ground, from sea level up through mixed conifer forests.	Prefers habitat edges and mosaics with trees that are protected from above and open below with open areas for foraging.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Lasiurus cinereus	hoary bat	Mammals	None	None	IUCN_LC-Least Concern WBWG_M-Medium Priority	Broadleaved upland forest Cismontane woodland Lower montane coniferous forest North coast coniferous forest	Prefers open habitats or habitat mosaics, with access to trees for cover and open areas or habitat edges for feeding.	Roosts in dense foliage of medium to large trees. Feeds primarily on moths. Requires water.	No habitat for this species is present on the project site. This species is not present.
Lasiurus xanthinus	western yellow bat	Mammals	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern WBWG_H-High Priority	Desert wash	Found in valley foothill riparian, desert riparian, desert wash, and palm oasis habitats.	Roosts in trees, particularly palms. Forages over water and among trees.	No habitat for this species is present on the project site. This species is not present.
Lepus californicus bennettii	San Diego black-tailed jackrabbit	Mammals	None	None		Coastal scrub	Intermediate canopy stages of shrub habitats and open shrub / herbaceous and tree / herbaceous edges.	Coastal sage scrub habitats in Southern California.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Nyctinomops femorosaccus	pocketed free-tailed bat	Mammals	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern WBWG_M-Medium Priority	Joshua tree woodland Pinon & juniper woodlands Riparian scrub Sonoran desert scrub	Variety of arid areas in Southern California; pine-juniper woodlands, desert scrub, palm oasis, desert wash, desert riparian, etc.	Rocky areas with high cliffs.	No habitat for this species is present on the project site. This species is not present.
Nyctinomops macrotis	big free-tailed bat	Mammals	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern WBWG_MH-Medium-High Priority		Low-lying arid areas in Southern California.	Need high cliffs or rocky outcrops for roosting sites. Feeds principally on large moths.	No habitat for this species is present on the project site. This species is not present.
Onychomys torridus ramona	southern grasshopper mouse	Mammals	None	None	CDFW_SSC-Species of Special Concern	Chenopod scrub	Desert areas, especially scrub habitats with friable soils for digging. Prefers low to moderate shrub cover.	Feeds almost exclusively on arthropods, especially scorpions and orthopteran insects.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Ovis canadensis nelsoni	desert bighorn sheep	Mammals	None	None	BLM_S-Sensitive CDFW_FP-Fully Protected USFS_S-Sensitive	Alpine Alpine dwarf scrub Chaparral Chenopod scrub Great Basin scrub Mojavean desert scrub Montane dwarf scrub Pinon & juniper woodlands Riparian woodland Sonoran desert scrub	Widely distributed from the White Mtns in Mono Co. to the Chocolate Mts in Imperial Co.	Open, rocky, steep areas with available water and herbaceous forage.	No habitat for this species is present on the project site. This species is not present.
Palaeoxenus dohrni	Dohrn's elegant eucnemid beetle	Insects	None	None					No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Phrynosoma blainvillii	coast horned lizard	Reptiles	None	None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	Chaparral Cismontane woodland Coastal bluff scrub Coastal scrub Desert wash Pinon & juniper woodlands Riparian scrub Riparian woodland Valley & foothill grassland	Frequents a wide variety of habitats, most common in lowlands along sandy washes with scattered low bushes.	Open areas for sunning, bushes for cover, patches of loose soil for burial, and abundant supply of ants and other insects.	No habitat for this species is present on the project site. This species is not present.
Polioptila californica californica	coastal California gnatcatcher	Birds	Threatened	None	CDFW_SSC-Species of Special Concern NABCI_YWL-Yellow Watch List	Coastal bluff scrub Coastal scrub	Obligate, permanent resident of coastal sage scrub below 2500 ft in Southern California.	Low, coastal sage scrub in arid washes, on mesas and slopes. Not all areas classified as coastal sage scrub are occupied.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Rana boylei	foothill yellow-legged frog	Amphibians	None	Endangered	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_NT-Near Threatened USFS_S-Sensitive	Aquatic Chaparral Cismontane woodland Coastal scrub Klamath/North coast flowing waters Lower montane coniferous forest Meadow & seep Riparian forest Riparian woodland Sacramento/San Joaquin flowing waters	Partly-shaded, shallow streams and riffles with a rocky substrate in a variety of habitats.	Needs at least some cobble-sized substrate for egg-laying. Needs at least 15 weeks to attain metamorphosis.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Rana muscosa	southern mountain yellow-legged frog	Amphibians	Endangered	Endangered	CDFW_WL-Watch List IUCN_EN-Endangered USFS_S-Sensitive	Aquatic	Disjunct populations known from southern Sierras (northern DPS) and San Gabriel, San Bernardino, and San Jacinto Mtns (southern DPS). Found at 1,000 to 12,000 ft in lakes and creeks that stem from springs and snowmelt. May overwinter under frozen lakes.	Often encountered within a few feet of water. Tadpoles may require 2 - 4 yrs to complete their aquatic development.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Rhinichthys osculus ssp. 8	Santa Ana speckled dace	Fish	None	None	AFS_TH- Threatened CDFW_SSC- Species of Special Concern USFS_S- Sensitive	Aquatic South coast flowing waters	Headwaters of the Santa Ana and San Gabriel rivers. May be extirpated from the Los Angeles River system.	Requires permanent flowing streams with summer water temps of 17-20 C. Usually inhabits shallow cobble and gravel riffles.	No habitat for this species is present on the project site. This species is not present.
Riparia riparia	bank swallow	Birds	None	Threatened	BLM_S- Sensitive IUCN_LC-Least Concern	Riparian scrub Riparian woodland	Colonial nester; nests primarily in riparian and other lowland habitats west of the desert.	Requires vertical banks/cliffs with fine-textured/sandy soils near streams, rivers, lakes, ocean to dig nesting hole.	No habitat for this species is present on the project site. This species is not present.
Spea hammondi	western spadefoot	Amphibians	None	None	BLM_S- Sensitive CDFW_SSC- Species of Special Concern IUCN_NT-Near Threatened	Cismontane woodland Coastal scrub Valley & foothill grassland Vernal pool Wetland	Occurs primarily in grassland habitats, but can be found in valley-foothill hardwood woodlands.	Vernal pools are essential for breeding and egg-laying.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Taricha torosa	Coast Range newt	Amphibians	None	None	CDFW_SSC- Species of Special Concern		Coastal drainages from Mendocino County to San Diego County.	Lives in terrestrial habitats and will migrate over 1 km to breed in ponds, reservoirs and slow moving streams.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Taxidea taxus	American badger	Mammals	None	None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	Alkali marsh Alkali playa Alpine Alpine dwarf scrub Bog & fen Brackish marsh Broadleaved upland forest Chaparral Chenopod scrub Cismontane woodland Closed-cone coniferous forest Coastal bluff scrub Coastal dunes Coastal prairie Coastal scrub Desert dunes Desert wash Freshwater marsh Great Basin grassland Great Basin	Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils.	Needs sufficient food, friable soils and open, uncultivated ground. Preys on burrowing rodents. Digs burrows.	No habitat for this species is present on the project site. This species is not present.

Scientific Name	Common Name	Taxon Group	Federal List	State List	Other Status	Habitats	General Habitat	Micro Habitat	Presence/Absence
Thamnophis hammondi	two-striped gartersnake	Reptiles	None	None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFS_S-Sensitive	Marsh & swamp Riparian scrub Riparian woodland Wetland	Coastal California from vicinity of Salinas to northwest Baja California. From sea to about 7,000 ft elevation.	Highly aquatic, found in or near permanent fresh water. Often along streams with rocky beds and riparian growth.	No habitat for this species is present on the project site. This species is not present.
Vireo bellii pusillus	least Bell's vireo	Birds	Endangered	Endangered	IUCN_NT-Near Threatened NABCI_YWL-Yellow Watch List	Riparian forest Riparian scrub Riparian woodland	Summer resident of Southern California in low riparian in vicinity of water or in dry river bottoms; below 2000 ft.	Nests placed along margins of bushes or on twigs projecting into pathways, usually willow, Baccharis, mesquite.	No habitat for this species is present on the project site. This species is not present.

APPENDIX C



Ruderal habitat on the project site. Disturbed areas of rocks and pavement. Facing north.



Ruderal habitat on the project site. Appears to be previously disturbed. Sparse vegetation present.



Ruderal habitat on the project site. Single-family residence adjacent but offsite. Facing northwest.



Ruderal habitat on the project site. Facing west. Power lines offsite.



Ruderal habitat on the project site. Facing south. Mission Drive exists south of the site.



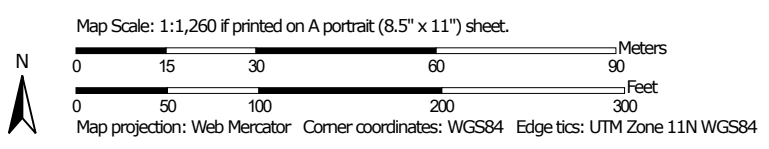
Ruderal habitat on the project site. Appears to be previously disturbed. Sparse vegetation present. Mexican fan palm (*Washingtonia robusta*) in the distance.

APPENDIX D

Soil Map—Los Angeles County, California, Southeastern Part
(Property Line)



Soil Map may not be valid at this scale.



Soil Map—Los Angeles County, California, Southeastern Part
(Property Line)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Los Angeles County, California, Southeastern Part
Survey Area Data: Version 8, Sep 13, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Dec 5, 2020—Feb 6, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
1002	Urban land-Palmview-Tujunga complex, 0 to 5 percent slopes	3.4	100.0%
Totals for Area of Interest		3.4	100.0%