ALTHOUSE AND MEADE, INC.
BIOLOGICAL AND ENVIRONMENTAL SERVICES
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August 11, 2020
1234.02

Rich Properties Management Inc.
c/o Scott McKenzie and Steven Herring
198 Cow Meadow Place
Paso Robles, CA 93446
scott@rich.properties
steven@rich.properties,

Re: Spring Botanical Survey Addendum for Rich Properties, San Luis Obispo County

Dear Mr. McKenzie and Mr. Herring:

This report provides the results for a spring season botanical survey completed on April 29 and May 19, 2020 and serves as supplemental information to the Biological Report (A&M 2020). An approximate 130-acre area (Study Area) consisting of three parcels (APN 037-371-001, 037-371-002, 037-351-002) was assessed for biological resources in January 2020. Cannabis cultivation is proposed on each of the three parcels. The Study Area is situated east of and adjacent to Shell Creek Road, north of Highway 58 and south of Highway 46, in San Luis Obispo County, California. Approximate coordinates for the center of the Study Area are 35.49500°N, 120.32143°W (WGS84) in the Camatta Ranch and Camatta Canyon United States Geological Survey (USGS) 7.5-minute topographic quadrangle. The Study Area is currently undeveloped and consists predominantly of fallow cropland and annual grassland habitats, with an existing access road classified as disturbed habitat due to semi-frequent use and lack of vegetation (Figure 1 in Attachment B). The spring botanical survey was conducted in response to Recommendation A of Section 4.3.3 in the Biological Report (A&M 2020) and focused on the portion of Study Area consisting of annual grassland habitat in Project 3 (APN 037-351-002) and areas with suitable conditions for rare plants along the access road, but also covered the development footprints in Projects 1 and 2 (refer to Figure 1).

Methods

Spring botanical surveys were conducted on April 29 and May 19, 2020 by Althouse and Meade, Inc. Principal Biologist Jason Dart and Botanist Kristen Andersen. Spring surveys were conducted on foot to compile a species list and search for potential special status plant species. All areas of the site were reviewed and suitable habitat for each rare plant species was visually examined. One-hundred percent visual cover was achieved by meandering transects through focused areas of the Study Area where special status plant species have potential to occur (Project 3 and access road)

(Photo 1 and Photo 2). Reconnaissance-level surveys were also conducted throughout the upper mesas of the Study Area (Projects 1 and 2) to evaluate any changes in fallow cropland conditions and to document new species. A full list of plants observed during winter and spring 2020 surveys is provided in Table 1. Identification of botanical resources included field observations and laboratory analysis of collected material. Botanical nomenclature used in this document follows the Jepson Manual, Second Edition (Baldwin et al. 2012).

Prior to the botanical survey, in April 2020, Althouse and Meade, Inc. conducted a data search of the California Natural Diversity Database (CNDDB) and the California Native Plant Society (CNPS) On-line Inventory of Rare and Endangered Plants of California to determine what species have potential to occur near the Study Area (CDFW 2020a, CNPS 2020). Other database searches included online museum and herbarium specimen records for locality data San Luis Obispo County, as maintained by the Consortium of California Herbaria (CCH 2020). The data search area included the Camatta Ranch USGS 7.5-minute quadrangle and the 8 surrounding quadrangles (Camatta Canyon, Holland Canyon, La Panza, La Panza Ranch, Pozo Summit, Santa Margarita Lake, Shedd Canyon, and Wilson Corner).

To determine the appropriate bloom period, reference sites within a similar geographic range for La Panza mariposa lily (*Calochortus simulans*), Douglas' spineflower (*Chorizanthe douglasii*), and California spineflower (*Mucronea californica*) were visited to determine phenological status for each species. La Panza mariposa lily was observed in flower at a reference site in Calf Canyon (approximately 3.6 miles southwest of the Study Area) and Douglas' spineflower and California spineflower were observed in flower in the general vicinity along Shell Creek Road.

Photo 1. Grassland habitat along access road, south of Project 3, view west. May 19, 2020.

Photo 2. Survey area with sandy soils along access road, north of exisitng dry stock pond, view south. May 19, 2020.

Results

Botanical surveys identified 106 species, subspecies, and varieties of vascular plant taxa in the Study Area (Table 1). The comprehensive list includes 66 species native to California and 40 introduced (naturalized or planted) species. Native plant species account for approximately 62 percent of the Study Area flora; introduced species account for approximately 38 percent. No special status plant species were identified in the Study Area. Special status plants with potential to occur on the Property are listed in Table 2 with results of spring 2020 surveys. A follow-up discussion is also provided (see Discussion below).

TABLE 1. VASCULAR PLANT LIST

Common Name	Scientific Name	Special Status	Origin
Trees - 2 Species			
Valley oak	*Quercus lobata*	None	Native
Red willow	*Salix laevigata*	None	Native
Shrubs – 2 Species			
Naked buckwheat	*Eriogonum nudum*	None	Native
Woolly blue-curls	*Trichostema lanatum*	None	Native
Forbs - 88 Species			
Blow wives	*Achyrachaena mollis*	None	Native
Short podded lotus	*Acmispon brachycarpus*	None	Native
Giant mountain dandelion	*Agoseris grandiflora* var. *grandiflora*	None	Native
Annual mountain dandelion	*Agoseris heterophylla*	None	Native
Mat amaranth	*Amaranthus blitoides*	None	Native
Common fiddleneck	*Amsinckia menziesii*	None	Native
Bristly fiddleneck	*Amsinckia tessellata*	None	Native
California broomrape	*Aphyllon californicum* subsp. *condensum*	None	Native
Narrow-leaved milkweed	*Asclepias fascicularis*	None	Native
Glandular big tarweed	*Blepharizonia laxa*	None	Native
Golden stars	*Bloomeria crocea*	None	Native
Cabbage	*Brassica oleracea*	None	Introduced
Red maids	*Calandrinia menziesii*	None	Native
Sun cup	*Camissonia strigulosa*	None	Native
Shepherd's purse	*Capsella bursa-pastoris*	None	Introduced
Slender owl's clover	*Castilleja attenuata*	None	Native

Common Name	Scientific Name	Special Status	Origin
Purple owl''s clover	*Castilleja exserta* subsp. *exserta*	None	Native
Tocalote	*Centaurea melitensis*	None	Introduced
Common yellow chaenactis	*Chaenactis glabriuscula*	None	Native
Skeleton weed	*Chondrilla juncea*	None	Introduced
Two lobed spineflower	*Chorizanthe biloba* var. *biloba*	None	Native
Wine cups	*Clarkia purpurea* subsp. *purpurea*	None	Native
Four spot	*Clarkia purpurea* subsp. *quadrivulnera*	None	Native
Bindweed	*Convolvulus arvensis*	None	Introduced
Pygmyweed	*Crassula connata*	None	Native
Doveweed	*Croton setiger*	None	Native
Jimsonweed	*Datura wrightii*	None	Native
Carrot	*Daucus carota*	None	Introduced
Salinas river tarweed	*Deinandra pentactis*	None	Native
Royal larkspur	*Delphinium variegatum* subsp. *variegatum*	None	Native
Yellow tansy mustard	*Descurainia pinnata*	None	Native
Herb sophia	*Descurainia sophia*	None	Introduced
Blue dicks	*Dichelostemma capitatum*	None	Native
Perennial wall rocket	*Diplotaxis tenuifolia*	None	Introduced
Annual willow-herb	*Epilobium brachycarpum*	None	Native
Elongate buckwheat	*Eriogonum elongatum* var. *elongatum*	None	Native
Longbeak stork's bill	*Erodium botrys*	None	Introduced
Redstem filaree	*Erodium cicutarium*	None	Introduced
Seaside heliotrope	*Heliotropium curassavicum* var. *oculatum*	None	Native
Herniaria	*Herniaria hirsuta*	None	Introduced
Bristly goldenaster	*Heterotheca sessiliflora* subsp. *echioides*	None	Native
Wild mustard	*Hirschfeldia incana*	None	Introduced
Smooth cat’s ear	*Hypochaeris glabra*	None	Introduced

Common Name	Scientific Name	Special Status	Origin
Rough cat''s-ear	*Hypochaeris radicata*	None	Introduced
Baltic rush	*Juncus balticus* subsp. *ater*	None	Native
Common toad rush	*Juncus bufonius*	None	Native
Prickly lettuce	*Lactuca serriola*	None	Introduced
Common hareleaf	*Lagophylla ramosissima*	None	Native
Leather spineflower	*Lastarriaea coriacea*	None	Native
Common goldfields	*Lasthenia californica*	None	Native
Tidy tips	*Layia platyglossa*	None	Native
Pepperwort	*Lepidium nitidum*	None	Native
Prostrate pepper grass	*Lepidium strictum*	None	Native
Variable linanthus	*Leptosiphon parviflorus*	None	Native
Narrowleaf cottonrose	*Logfia gallica*	None	Introduced
Alkali desertparsley	*Lomatium caruifolium*	None	Native
Miniature lupine	*Lupinus bicolor*	None	Native
Hyssop loosestrife	*Lythrum hyssopifolia*	None	Introduced
Thread-stemmed madia	*Madia exigua*	None	Native
Slender madia	*Madia gracilis*	None	Native
Bull mallow	*Malva nicaeensis*	None	Introduced
Cheeseweed	*Malva parviflora*	None	Introduced
Pineapple weed	*Matricaria discoidea*	None	Native
Annual sweetclover	*Melilotus indicus*	None	Introduced
California saxifrage	*Micranthes californica*	None	Native
Douglas' silverpuffs	*Microseris douglasii* subsp. *douglasii*	None	Native
Elegant silverpuffs	*Microseris elegans*	None	Native
Douglas' sandwort	*Minuartia douglasii*	None	Native
Combseeds	*Pectocarya* sp.	None	Native
Valley popcornflower	*Plagiobothrys canescens* var. *canescens*	None	Native
California plantain	*Plantago erecta*	None	Native
Desert plantain	*Plantago ovata*	None	Native
Cream cups	*Platystemon californicus*	None	Native
Prostrate knotweed	*Polygonum aviculare*	None	Introduced

Common Name	Scientific Name	Special Status	Origin
Curly dock	*Rumex crispus*	None	Introduced
London rocket	*Sisymbrium irio*	None	Introduced
Oriental rocket	*Sisymbrium orientale*	None	Introduced
Prickly sow-thistle	*Sonchus asper* subsp. *asper*	None	Introduced
Common sow thistle	*Sonchus oleraceus*	None	Introduced
Stickwort	*Spergula arvensis*	None	Introduced
Purple sand spurry	*Spergularia rubra*	None	Introduced
Dandelion	*Taraxacum officinale*	None	Introduced
Lacepod	*Thysanocarpus curvipes*	None	Native
Vinegarweed	*Trichostema lanceolatum*	None	Native
Rose clover	*Trifolium hirtum*	None	Introduced
Pinpoint clover	*Trifolium gracilentum*	None	Native
Dobiepod	*Tropidocarpum gracile*	None	Native
Silver puffs	*Uropappus lindleyi*	None	Native
Graminoids - 14 Species			
Slender wild oat	*Avena barbata*	None	Introduced
Ripgut brome	*Bromus diandrus*	None	Introduced
Soft chess brome	*Bromus hordeaceus*	None	Introduced
Red brome	*Bromus rubens*	None	Introduced
Saltgrass	*Distichlis spicata*	None	Native
Annual fescue	*Festuca microstachys*	None	Native
Rattail sixweeks grass	*Festuca myuros*	None	Introduced
Sixweeks grass	*Festuca octoflora*	None	Native
Mediterranean barley	*Hordeum marinum* subsp. *gussoneanum*	None	Introduced
Foxtail barley	*Hordeum murinum*	None	Introduced
Mediterranean hairgrass	*Koeleria gerardi*	None	Introduced
Annual bluegrass	*Poa annua*	None	Introduced
One-sided bluegrass	*Poa secunda*	None	Native
Nodding needlegrass	*Stipa cernua*	None	Native

Table 2 lists 10 special status plant species that have potential to occur in the Study Area (refer to Biological Report, A&M 2020, for full analysis). Federal and California State status, Global and State rank, CRPR, typical blooming periods, habitat preference for each species, and survey results (presence/absence) are provided in the table (CNPS 2020; CNDDB 2020b). Species are listed alphabetically by scientific name.

TABLE 2. SPECIAL STATUS PLANT LIST

	Common Name	Scientific Name	Federal/State Status	Global/State Rank	CA Rare Plant Rank	Blooming Period	Habitat Preference	Survey Results
1.	La Panza mariposa lily	*Calochortus simulans*	-/-	G2/S2	1B.3	Apr-Jun	Sand (often granitic), grassland to yellow-pine forest	**Absent**. Appropriately timed spring botanical surveys determined La Panza mariposa lily does not occur in the Study Area.
2.	Hardham's evening-primrose	*Camissoniopsis hardhamiae*	-/-	G2/S2	1B.2	Mar-May	Sandy soil, limestone, disturbed oak woodland	**Absent**. Appropriately timed spring botanical surveys determined Hardham's evening-primrose does not occur in the Study Area.
3.	Douglas' spineflower	*Chorizanthe douglasii*	-/-	G4/S4	4.3	Apr-Jul	Sand or gravel	**Absent**. Appropriately timed spring botanical surveys determined Douglas' spineflower does not occur in the Study Area.

	Common Name	Scientific Name	Federal/State Status	Global/State Rank	CA Rare Plant Rank	Blooming Period	Habitat Preference	Survey Results
4.	Straight-awned spineflower	*Chorizanthe rectispina*	-/-	G2/S2	1B.3	Apr-Jul	Sand or gravel	**Absent**. Appropriately timed spring botanical surveys determined straight-awned spineflower does not occur in the Study Area.
5.	Paniculate tarplant	*Deinandra paniculata*	-/-	G4/S4	4.2	Mar-Dec	Grassland, open chaparral and woodland, disturbed areas, often in sandy soils	**Absent**. Appropriately timed spring botanical surveys determined paniculate tarplant does not occur in the Study Area.
6.	Kern mallow	*Eremalche parryi* subsp. *kernensis*	FE/-	G3G4T3/S3	1B.2	Jan-May	Eroded hillsides, alkali flats	**Absent**. Appropriately timed spring botanical surveys determined Kern mallow does not occur in the Study Area.
7.	Pale-yellow layia	*Layia heterotricha*	-/-	G2/S2	1B.1	Mar-Jun	Open clayey or sandy soil, sometimes +- alkaline	**Absent**. Appropriately timed spring botanical surveys determined pale-yellow layia does not occur in the Study Area.

	Common Name	Scientific Name	Federal/State Status	Global/State Rank	CA Rare Plant Rank	Blooming Period	Habitat Preference	Survey Results
8.	California spineflower	*Mucronea californica*	-/-	-/-	4.2	Mar-Aug	Sand	**Absent**. Appropriately timed spring botanical surveys determined California spineflower does not occur in the Study Area.
9.	Large-flowered nemacladus	*Nemacladus secundiflorus* var. *secundiflorus*	-/-	G3T3?/S3?	4.3	Apr-Jun	Dry, gravelly slopes	**Absent**. Appropriately timed spring botanical surveys determined large-flowered nemacladus does not occur in the Study Area.
10.	Mason's neststraw	*Stylocline masonii*	-/-	G1/S1	1B.1	Mar-May	Open loose sand of washes and flats	**Absent**. Appropriately timed spring botanical surveys determined Mason's neststraw does not occur in the Study Area.

Federal/State Rank Abbreviations:

FE: Federally Endangered
FT: Federally Threatened
PE: Proposed Federally Endangered
PT: Proposed Federally Threatened
CE: California Endangered
CR: California Rare
CT: California Threatened
Cand. CE: Candidate for California Endangered
Cand. CT: Candidate for California Threatened

California Rare Plant Ranks:

CRPR 1A: Plants presumed extirpated in California and either rare or extinct elsewhere
CRPR 1B: Plants rare, threatened, or endangered in California and elsewhere
CRPR 2A: Plants presumed extirpated in California, but common elsewhere
CRPR 2B: Plants rare, threatened, or endangered in California, but more common elsewhere
CRPR 4: Plants of limited distribution - a watch list

CRPR Threat Ranks:

0.1 - Seriously threatened in California (over 80% of occurrences threatened / high degree and immediacy of threat)
0.2 - Moderately threatened in California (20-80% occurrences threatened / moderate degree and immediacy of threat)
0.3 - Not very threatened in California (less than 20% of occurrences threatened / low degree and immediacy of threat or no current threats known)

Global/State Ranks

G1/S1 – Critically Imperiled
G2/S2 – Imperiled
G3/S3 – Vulnerable
G4/S4 – Apparently Secure
G5/S5 – Secure

Q – Element is very rare but there are taxonomic questions associated with it.
Range rank – (e.g., S2S3 means rank is somewhere between S2 and S3)
? – (e.g., S2? Means rank is more certain than S2S3 but less certain that S2)

Wildlife observed during spring 2020 surveys were documented and listed in Table 3. Two inactive stick nests were observed in valley oak (*Quercus lobata*) trees along the fence line boundary north of Projects 1 and 2 (Figure 1). Nests were appropriate size for raven (*Corvus corax*) or red-tailed hawk (*Buteo jamaicensis*); several ravens were observed in the vicinity during nest observations. Nests were not a suitable size for large raptors, such as golden eagle (*Aquila chrysaetos*) and golden eagles were not observed near the Study Area during 2020 surveys.

TABLE 3. WILDLIFE LIST.

Common Name	Scientific Name	Special Status	Habitat Type
Reptile – 1 Species			
Side-blotched lizard	*Uta stanisburiana*	--	Grasslands
Birds – 7 Species			
Turkey Vulture	*Cathartes aura*	--	Open country
Killdeer	*Charadrius vociferous*	--	Mud flats, stream banks, grazed fields
Common Raven	*Corvus corax*	--	Riparian, chaparral and woodlands. Variety of habitats
Brewer's Blackbird	*Euphagus cyanocephalus*	--	Open habitats
European Starling	*Sturnus vulgaris*	--	Agricultural, livestock areas
Western Kingbird	*Tyrannus verticalis*	--	Grasslands, savannah
Mourning Dove	*Zenaida macroura*	--	Open and semi-open habitats

Discussion

According to the Biological Report (A&M 2020) and recent review of database information (refer to Methods), sensitive plant species listed in Table 2 were determined to have either a low (La Panza mariposa lily, Hardham's evening primrose, straight-awned spineflower, Kern mallow, pale-yellow layia, and Mason's neststraw), moderate (paniculate tarplant and large-flowered nemacladus), or high (Douglas' spineflower and California spineflower) potential to occur within the Study Area. Spring 2020 botanical surveys were timed according to confirmed bloom records at local reference sites for La Panza mariposa lily, Douglas' spineflower, and California spineflower. Bloom periods for other special status plant species with potential to occur were also incorporated during spring surveys. Though suitable soils and/or habitats for special status plants are present in portions of the Study Area, most of the site is relatively disturbed or recovering farmland that is not likely to support special status plants.

Conclusion

According to the Biological Report (A&M 2020), ten special status plants have potential to occur within the Study Area, and spring botanical surveys were recommended for annual grassland habitat occurring in Project 3 and areas surrounding the existing access road. We conducted appropriately timed botanical surveys in April and May 2020 of the entire Study Area, including focused efforts in grassland habitat in Project 3 and along the access road, and in fallow croplands associated with Projects 1 and 2. No special status plants were detected. No further botanical surveys or additional mitigation measures are recommended.

Sincerely,

Jason Dart
Principal Biologist

Attachments

- **Attachment A. References**
- **Attachment B. Figure 1. Biological Resources and Impacts**
- **Attachment C. Site Plans for APNs 037-371-001, -002 & 037-351-002**

ATTACHMENT A. REFERENCES

[A&M] Althouse and Meade. 2020. Biological Report for Rich Properties, Inc., Camatta Creek Road, APN 037-371-001, -002, & 037-351-002, San Luis Obispo County. February 2020.

Baldwin BG, Goldman DH, Keil DJ, Patterson R, Rosatti TJ, Dieter H. Wilken DH, editors. 2012. The Jepson manual: vascular plants of California. 2nd ed. Berkeley (CA): UC Press.

[CDFW] California Department of Fish and Wildlife. 2018a. Guidelines for assessing the effects of proposed projects on rare, threatened, and endangered plants and natural communities. 2nd ed. Revised May 8, 2000.

[CDFW] California Department of Fish and Wildlife. 2018b. Protocols for surveying and evaluating impacts to special status native plant populations and natural communities. California Department of Fish and Wildlife. March 20, 2018. Available from: https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=18959&inline.

[CDFW] California Department of Fish and Wildlife. 2020a. California Natural Diversity Database (CNDDB) - Commercial. [accessed April 2020].

[CDFW] California Department of Fish and Wildlife, Natural Diversity Database. 2020b. Special vascular plants, bryophytes, and lichens list, periodic publication [Internet]. Sacramento (CA): California Department of Fish and Wildlife. April 2020. Available from http://www.dfg.ca.gov/wildlife/nongame/list.html.

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[CNPS] California Native Plant Society, Rare Plant Program. 2020. Inventory of rare and endangered plants of California. Sacramento (CA): California Native Plant Society; [online edition, v8-03 0.39]. Available from http://www.rareplants.cnps.org. Accessed April 2020.

[CNPS] California Native Plant Society. 2001. CNPS botanical survey guidelines [Internet]. Sacramento (CA): California Native Plant Society. Revised June 2, 2001. Available from https://www.cnps.org/plant-science/field-protocols-guidelines.

[CCH] Consortium of California Herbaria [Internet] 2020. Berkeley (CA): Regents of the University of California; [accessed January 2020]. Available from http://ucjeps.berkeley.edu/consortium/.

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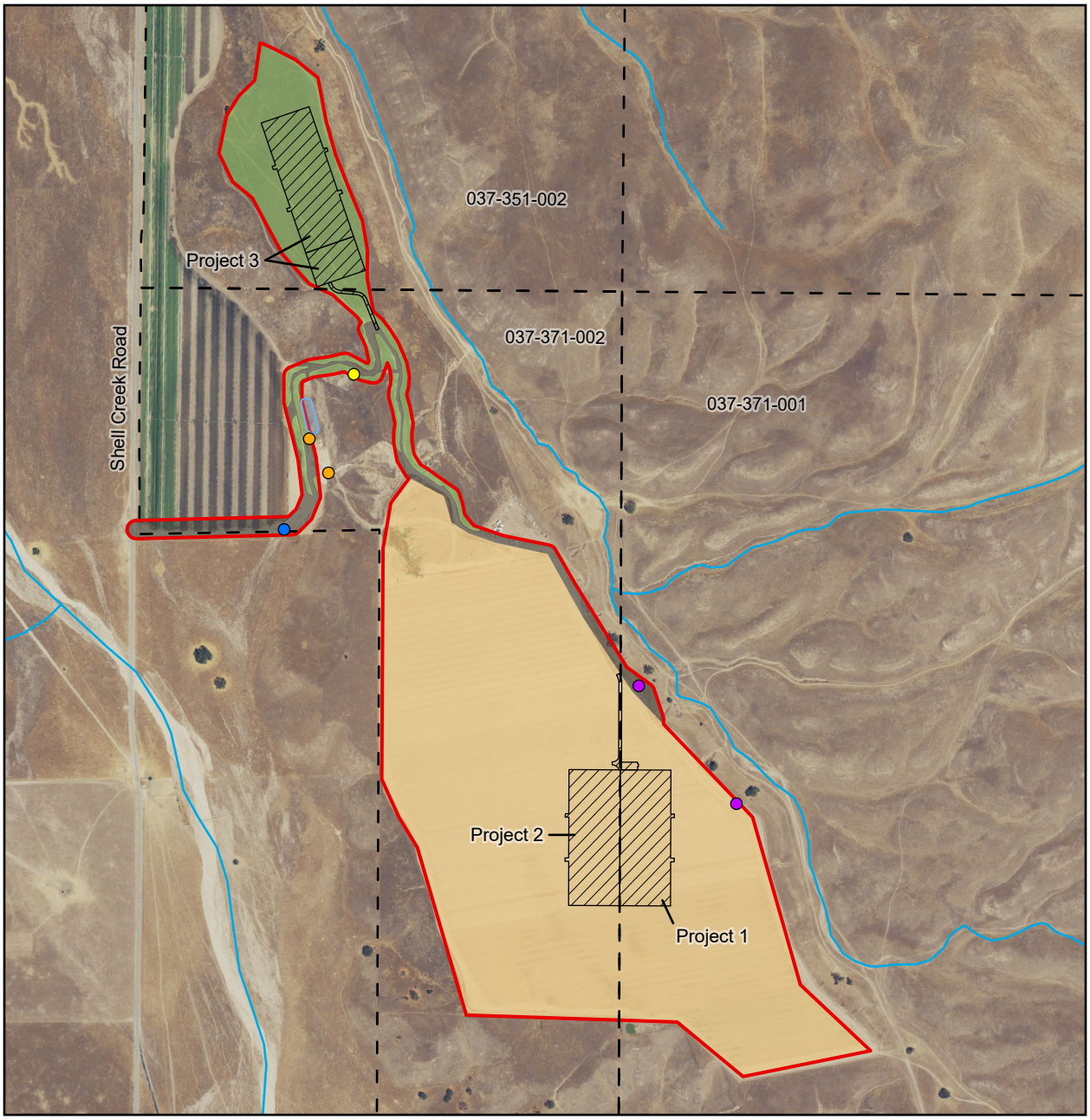
[USFWS] U.S. Fish and Wildlife Service. 2000. Guidelines for conducting and reporting botanical inventories for federally listed, proposed, and candidate plants. Washington (DC): U.S. Fish and Wildlife. April 2000. Available from: https://www.fws.gov/ventura/docs/species/protocols/botanicalinventories.pdf.

ATTACHMENT B. FIGURE 1. BIOLOGICAL RESOURCES AND IMPACTS

Figure 1. Biological Resources and Impacts



Legend

- Study Area (130.0 acres)
- Impact Area (16.3 acres)
- Parcels
- Old stock pond (inactive/dry)
- Drainages
- Existing Well
- Inactive Nest
- Red willow (*Salix laevigata*)
- Valley oak (*Quercus lobata*; potentially dead)

Habitat Type

- Access Road
- Annual Grassland
- Fallow Cropland

N

0 500 1,000 Feet

APNs: 037-351-002, 037-371-001 and 037-371-002
Map Center: 120.32138°W 35.49493°N
San Luis Obispo County

Imagery Source: USDA NAIP, 07/14/2018

ALTHOUSE AND MEADE, INC.
BIOLOGICAL AND ENVIRONMENTAL SERVICES

Map Updated:
August 11, 2020 12:04 PM by SAF

ATTACHMENT C. SITE PLANS FOR APNS 037-371-001, -002 & 037-351-002

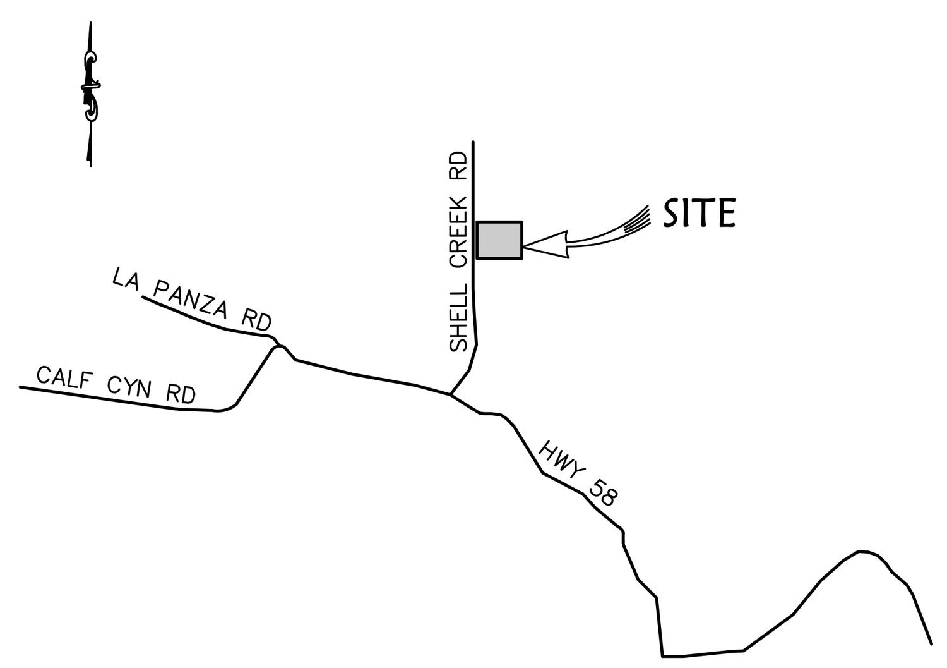
Morrision - 9330 Camatta Creek Road - Santa Margarita - Grow Site 1 Site Plan

Permit Number: DRC 2020-00012

PROJECT DESCRIPTION: Outdoor Cannabis Cultivation (3.75 acres)

VICINITY MAP

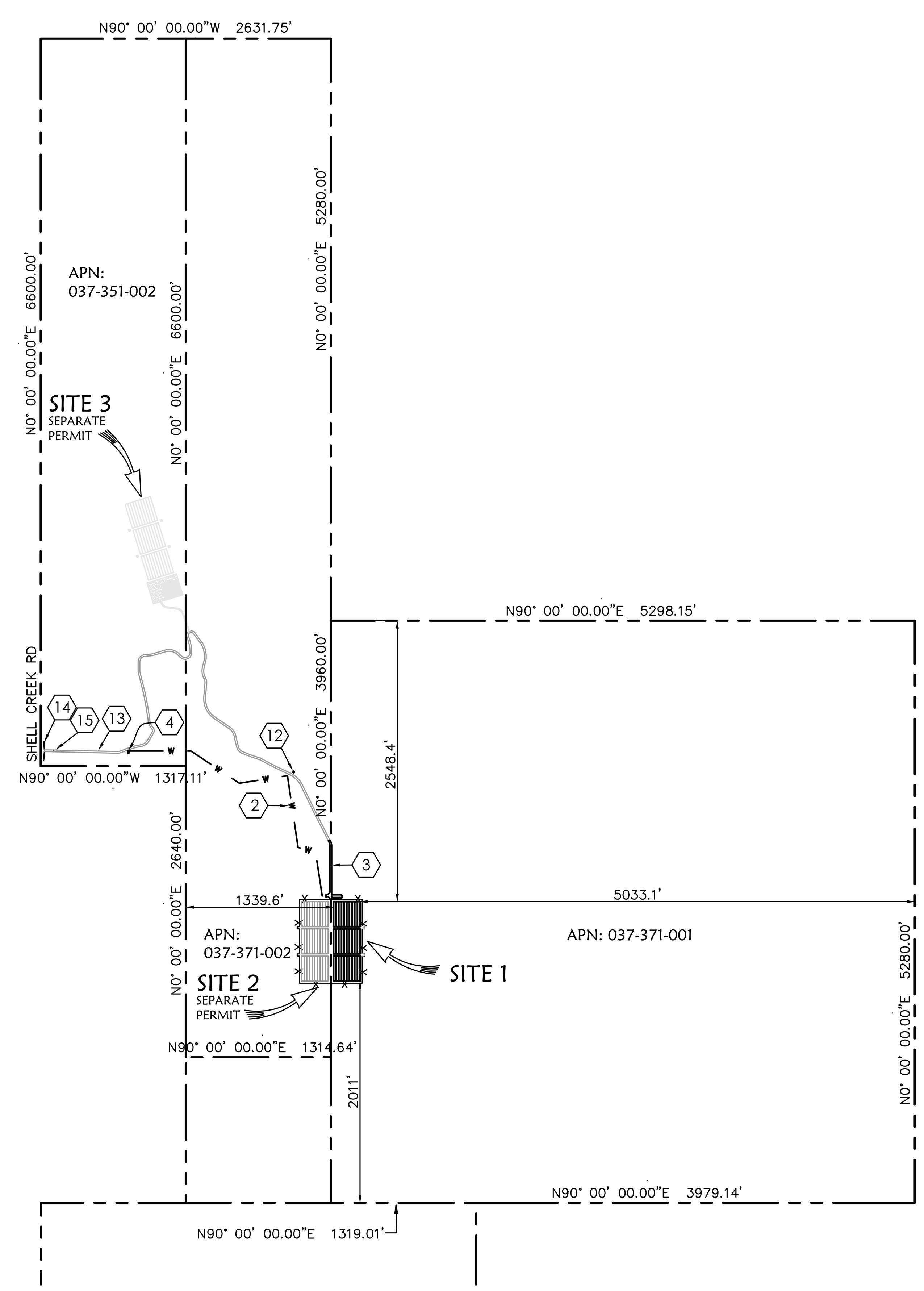
Not to Scale

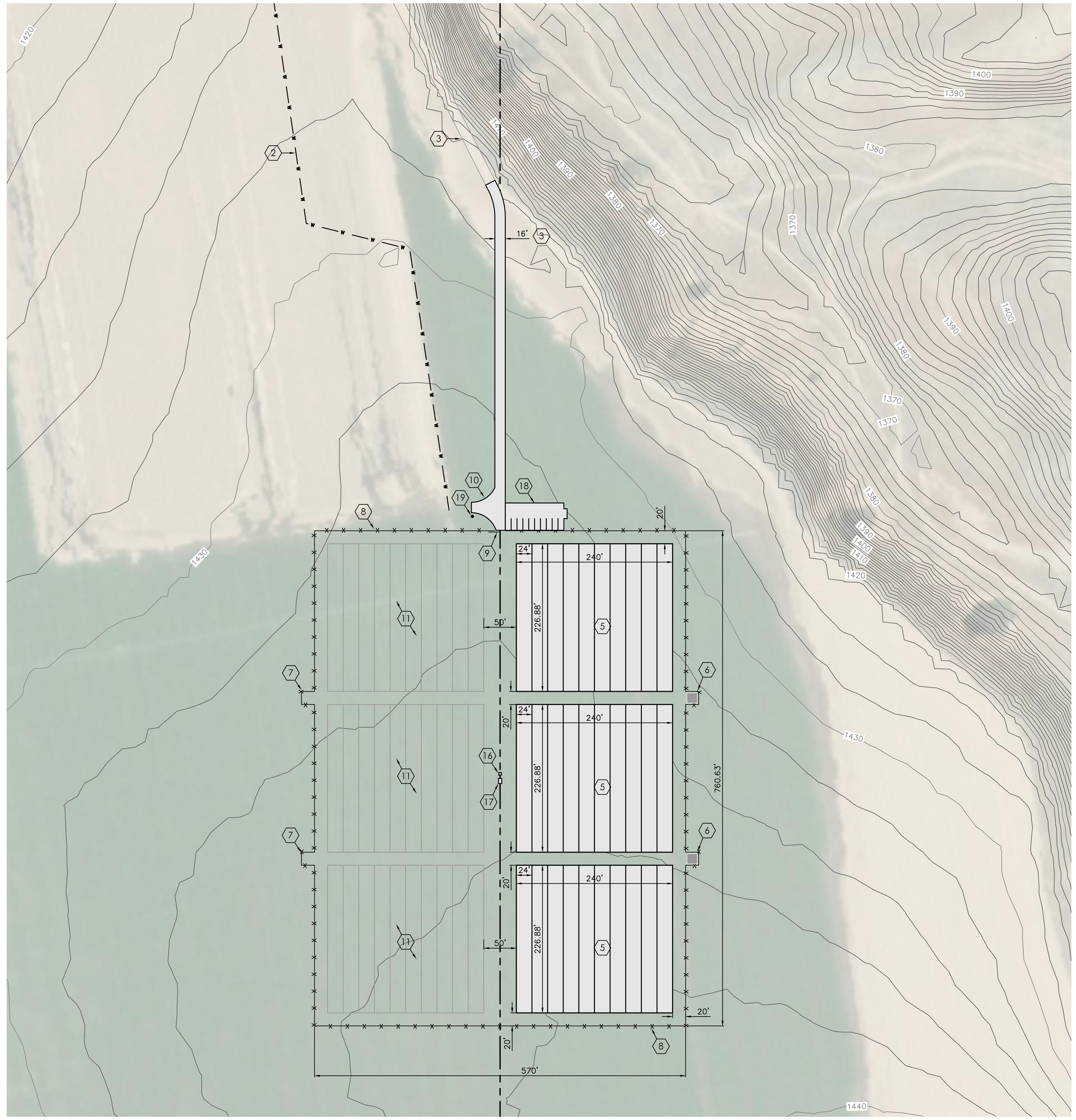


INDEX MAP

SCALE: 1" = 1000'

FOR THE FOLLOWING: P-12 SCHOOL, LIBRARY, PARK, PLAYGROUND, RECREATION OR YOUTH CENTER, LICENSED DRUG OR ALCOHOL RECOVERY FACILITY, OR LICENSED SOBER LIVING FACILITY, ALL THESE FACILITIES ARE GREATER THAN 1,000 FEET FROM THE PROPOSED PROJECT.





SITE PLAN AND INDEX MAP NOTES

1. EXISTING 16' WIDE DG BASE ACCESS ROAD TO REMAIN.
2. EXISTING 10" TO 6" ABOVE GROUND PVC IRRIGATION PIPE.
3. PROPOSED 16' DG BASE ACCESS ROAD TO CULTIVATION SITE PER CAL FIRE STANDARDS.
4. EXISTING WELL LOCATION = 35.4953093°, 120.3264312°, SEE INDEX MAP FOR LOCATION. WELL OUTPUT = 1000 GPM WITH 175HP PUMP. SEE DETAIL SHEET FOR WATER TREATMENT AND IRRIGATION PLAN.
5. NEW CULTIVATION SITE, 3 SETS OF 10 HOOP HOUSES AT 226.9' L X 240' W X 12' H, FOR 3 ACRES CANOPY IN 3.75 ACRE FOOTPRINT.
6. PROPOSED COMPOST AREA, 20'X20'
7. PROPOSED 10'X20' SEATRAIN FOR EQUIPMENT STORAGE. SEE DETAIL SHEET.
8. 6' HIGH GALVANIZED STEEL FENCE WITH BEIGE PRIVACY SLATS. SEE DETAIL SHEET.
9. CONSTRUCT 16' WIDE SLIDING GATE.
10. CONSTRUCT CAL FIRE TURN AROUND PER CAL FIRE STANDARDS.
11. ADJACENT GROW SITE #2 TO UTILIZE SHARED ACCESS AND FACILITIES.
12. INSTALL NEW 10,000 GALLON METAL WATER TANK ON 8" OF CL II AB COMPACTED TO 90%, TO BE SHARED BY ALL THREE SITES.
13. VENDOR MEETING LOCATION, SEE INDEX MAP.
14. PROPOSED COUNTY STD. B-1a RURAL DRIVEWAY, SEE INDEX MAP.
15. 6' HIGH SECURITY GATE WITH KNOX BOX.
16. PORTABLE TOILET.
17. SOLID WASTE BIN.
18. CLASS II AG BASE PARKING AREA, 10 SPACES, 9'X18'.
19. CAL FIRE APPROVED WHARF HEAD HYDRANT.

OWNER

ROBERT AND GARRETT MORRISON
9110 CAMATTA CREEK ROAD
SANTA MARGARITA, CA 93465
(805) 235-0820

APN: 037-371-001

100' 0' 100' 200'

SCALE: 1"=100'

3/31/2020 2:29 PM

REGISTERED PROFESSIONAL ENGINEER
TIMOTHY P. ROBERTS
35366
Exp. 9/30/21
CIVIL
STATE OF CALIFORNIA

Roberts Engineering
Timothy P. Roberts
Civil Engineer - RCE 35366
2015 Vista de la Vina
Templeton, CA 93465
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Fax (805) 238-6148
Email tim@robertsenginc.com
Website robertsenginc.com

Record Drawings

Timothy P. Roberts, RCE 35366 exp 09/30/21 Date

Revisions This Sheet:
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Roberts Engineering, Inc.

Morrision - 9330 Camatta Creek Road - Santa Margarita

Grow Site 1 Site Plan

Design/Drawn	County Plan Checker	Approved for County Requirements
TR / SEB	.	Development Services Engineer Date
Job # 20-05	County W.O. No. .	3/31/2020 Timothy P. Roberts, RCE 35366 exp 09/30/21 Date
California Coordinates (CCS83, Zone 5) 2373217 N 5870824 E	. .	County Road # .

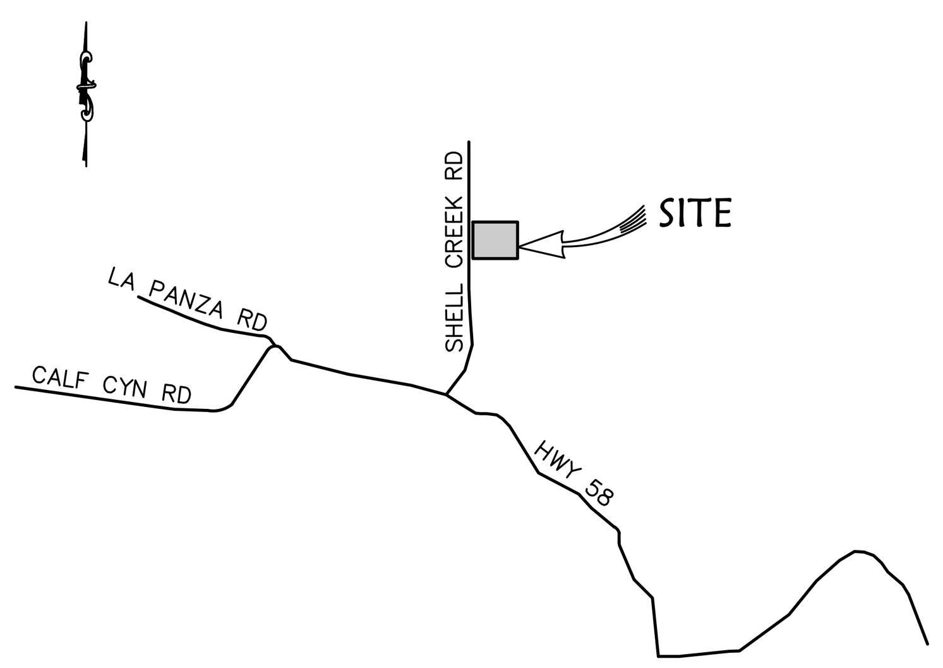
Morrision - 9330 Camatta Creek Road - Santa Margarita - Grow Site 2 Site Plan

Permit Number: DRC 2020-00011

PROJECT DESCRIPTION: Outdoor Cannabis Cultivation (3.75 acres)

VICINITY MAP

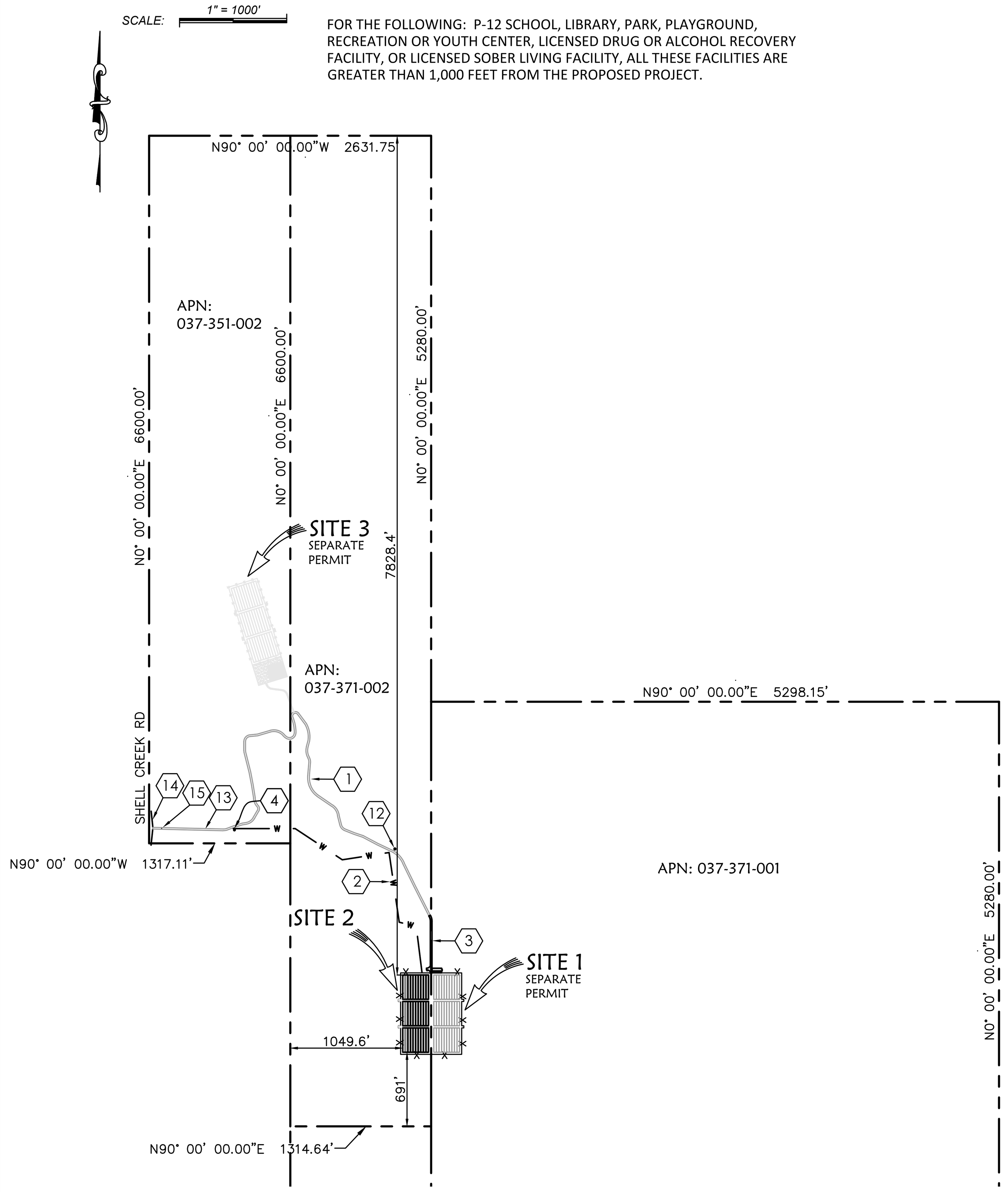
Not to Scale

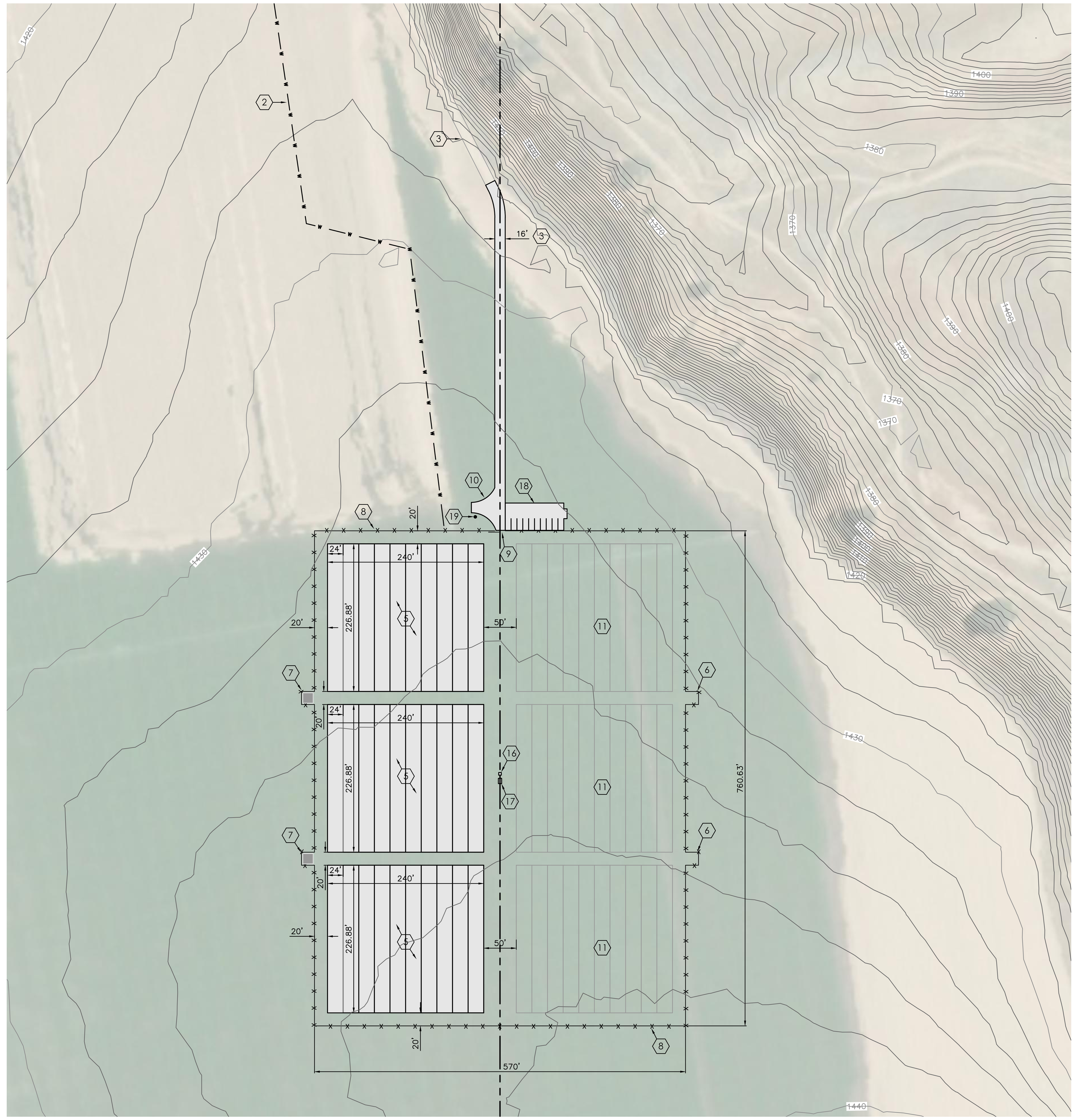


INDEX MAP

SCALE: 1" = 1000'

FOR THE FOLLOWING: P-12 SCHOOL, LIBRARY, PARK, PLAYGROUND, RECREATION OR YOUTH CENTER, LICENSED DRUG OR ALCOHOL RECOVERY FACILITY, OR LICENSED SOBER LIVING FACILITY, ALL THESE FACILITIES ARE GREATER THAN 1,000 FEET FROM THE PROPOSED PROJECT.





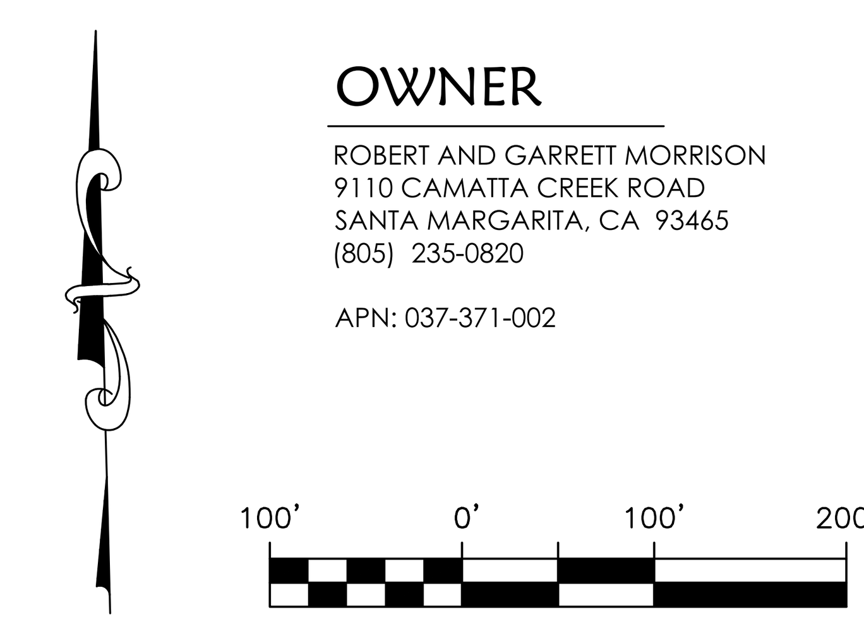
SITE PLAN AND INDEX MAP NOTES

1. EXISTING 16' WIDE DG BASE ACCESS ROAD TO REMAIN.
2. EXISTING 10" TO 6" ABOVE GROUND PVC IRRIGATION PIPE.
3. PROPOSED 16' DG BASE ACCESS ROAD TO CULTIVATION SITE PER CAL FIRE STANDARDS.
4. EXISTING WELL LOCATION = 35.4953093°, 120.3264312°, SEE INDEX MAP FOR LOCATION. WELL OUTPUT = 1000 GPM WITH 175HP PUMP. SEE DETAIL SHEET FOR WATER TREATMENT AND IRRIGATION PLAN.
5. NEW CULTIVATION SITE, 3 SETS OF 10 HOOP HOUSES AT 226.9' L X 240' W X 12' H, FOR 3 ACRES CANOPY IN 3.75 ACRE FOOTPRINT.
6. PROPOSED COMPOST AREA, 20'X20'
7. PROPOSED 10'X20' SEATRAIN FOR EQUIPMENT STORAGE. SEE DETAIL SHEET.
8. 6' HIGH GALVANIZED STEEL FENCE WITH BEIGE PRIVACY SLATS. SEE DETAIL SHEET.
9. CONSTRUCT 16' WIDE SLIDING GATE.
10. CONSTRUCT CAL FIRE TURN AROUND PER CAL FIRE STANDARDS.
11. ADJACENT GROW SITE #2 TO UTILIZE SHARED ACCESS AND FACILITIES.
12. INSTALL NEW 10,000 GALLON METAL WATER TANK ON 8" OF CL II AB COMPACTED TO 90%, TO BE SHARED BY ALL THREE SITES.
13. VENDOR MEETING LOCATION, SEE INDEX MAP.
14. PROPOSED COUNTY STD. B-1a RURAL DRIVEWAY, SEE INDEX MAP.
15. 6' HIGH SECURITY GATE WITH KNOX BOX.
16. PORTABLE TOILET.
17. SOLID WASTE BIN.
18. CLASS II AG BASE PARKING AREA, 10 SPACES, 9'X18'.
19. CAL FIRE APPROVED WHARF HEAD HYDRANT.

OWNER

ROBERT AND GARRETT MORRISON
9110 CAMATTA CREEK ROAD
SANTA MARGARITA, CA 93465
(805) 235-0820

APN: 037-371-002



SCALE: 1"=100'

3/31/2020 2:30 PM

REGISTERED PROFESSIONAL ENGINEER
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35366
Exp. 9/30/21
CIVIL
STATE OF CALIFORNIA

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Record Drawings

Timothy P. Roberts, RCE 35366 exp 09/30/21 Date

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Roberts Engineering, Inc.

Morrision - 9330 Camatta Creek Road - Santa Margarita

Grow Site 2 Site Plan

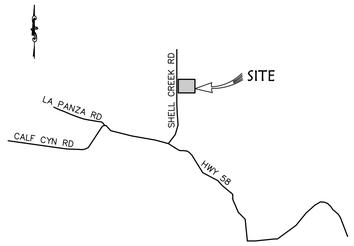
Design/Drawn	County Plan Checker	Approved for County Requirements
TR / SEB	.	Development Services Engineer Date
Job # 20-05	County W.O. No. .	3/31/2020 Timothy P. Roberts, RCE 35366 exp 09/30/21 Date
California Coordinates (CCS83, Zone 5) 2373217 N 5870824 E	. .	County Road # .

Morrision - 9330 Camatta Creek Road - Santa Margarita - Grow Site 3 - Site Plan

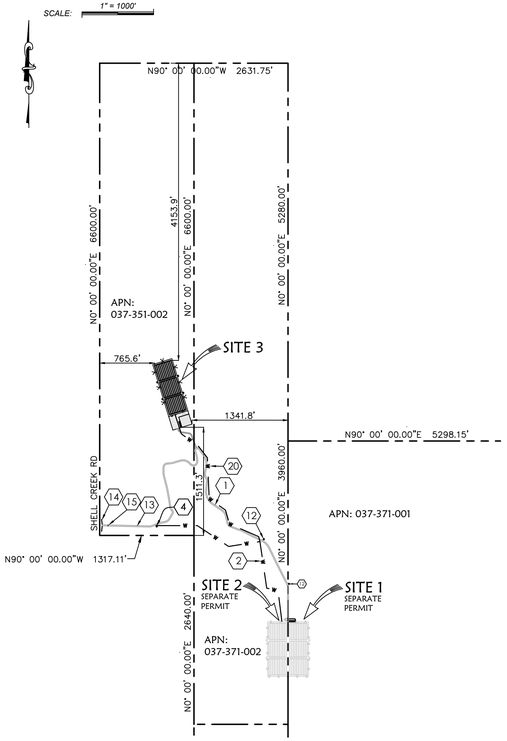
PROJECT DESCRIPTION: Outdoor Cannabis Cultivation (3.75 acres) and Greenhouse Construction

VICINITY MAP

Not to Scale



INDEX MAP



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16. PORTABLE TOILET.
17. SOLID WASTE BIN.
18. CLASS II AG BASE PARKING AREA, 10 SPACES, 9'X18'.
19. CAL FIRE APPROVED WHARF HEAD HYDRANT.
20. PROPOSED 3" SCH 40 PVC WATERLINE IN 18" DEEP TRENCH

OWNER

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APN: 037-351-002

100' 0' 100' 200'

SCALE:1"=100'

3/31/2020 2:32 PM

REGISTERED PROFESSIONAL ENGINEER
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Morrision - 9330 Camatta Creek Road - Santa Margarita

Grow Site 3 Site Plan

Design/Drawn	County Plan Checker	Approved for County Requirements
TR / SEB	.	Development Services Engineer Date
Job # 20-05	County W.O. No. .	3/31/2020 Timothy P. Roberts, RCE 35366 exp 09/30/21 Date
California Coordinates (CCS83, Zone 5) 2373217 N 5870824 E	.	County Road # .