English Creek Estates Phase 2

MS-20-06 (Neal)

Initial Study and

Mitigated Negative Declaration



Inside English Creek horseshoe 2014

July 2021

CEQA Lead Agency:

County of Solano

Prepared by:

Department of Resource Management

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CHAPTER 1 - PART II OF INITIAL STUDY OF ENVIRONMENTAL IMPACTS

1.1 INTRODUCTION

The following analysis is provided by the Solano County Department of Resource Management as a review of and supplement to the applicant's completed "Part I of Initial Study". These two documents, Part I and II, comprise the Initial Study prepared in accordance with the California Environmental Quality Act (CEQA) Guidelines, Section 15063.

Project Title:	English Creek Estates Phase 2
Application Number:	MS-20-06
Project Location:	Northeast corner of Cantelow R and English Hills Road
Assessor Parcel No.(s):	0105-110-690
Project Sponsor's Name and Address:	Clifford and Linda Neal

General Information

This Mitigated Negative Declaration (MND) has been prepared by the County of Solano, as lead agency, pursuant to the California Environmental Quality Act (CEQA) (Pub. Resources Code, § 21000 et seq.), to analyze and disclose the environmental effects associated with project. This document discusses the proposed project, the environmental setting for the proposed project, and the potential for impacts on the environment from the proposed project and any measures incorporated which will minimize, avoid and/or provide mitigation measures for the impacts of the proposed project on the environment.

Please review this Initial Study. You may order additional copies of this document from the Solano County Department of Resource Management Planning Services Division at 675 Texas Street, Fairfield, CA, 94533.
We welcome your comments. If you have any comments regarding the proposed project, please send your written comments to this Department by the deadline listed below.
Submit comments via postal mail to: Department of Resource Management Planning Services Division Attn: Nedzlene Ferrario, Senior Planner 675 Texas Street Fairfield, CA 94533
Submit comments via fax to: (707) 784-4805
Submit comments via email to: nnferrario@solanocounty.com

☐ Submit comments by the deadline of August 3, 2021

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Next Steps

Date

After comments are received from the public and any reviewing agencies, the Department may recommend that the environmental review is adequate and that a Mitigated Negative Declaration be adopted or that the environmental review is not adequate and that further environmental review is required.

ENVIRONMENTAL DETERMINATION 1.2 Based on this Initial Study the Solano County Department of Resource Management finds: The proposed project could not have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared. That although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the project proponent has agreed to revise the project to avoid any significant effect. A MITIGATED NEGATIVE DECLARATION will be prepared. The proposed project could have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT (EIR) is required. The proposed project could have a significant effect on the environment, but at least one effect has been (1) adequately analyzed in a previous document pursuant to applicable legal standards, and (2) addressed by mitigation measures based on the previous analysis as described in the attached initial study. An EIR is required that analyzes only the effects that were not adequately addressed in a previous document. That although the proposed project could have a significant effect on the environment, no further environmental analysis is required because all potentially significant effects have been (1) adequately analyzed in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (2) avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are included in the project, and further analysis is not required. Nedzlene Ferrario, Senior Planner Date County of Solano Department of Resource Management INCORPORATION OF MITIGATION MEASURES INTO THE PROPOSED PROJECT By signature of this document, the project proponent amends the project description to include the mitigation measures as set forth in Section 2.

Clifford Neal

1.3 ENVIRONMENTAL SETTING

The subject site is located at the northeast corner of English Hills Road and Cantelow Road. Existing vegetation consists of seasonal grasses, dense grove of willows, heritage sized oaks and walnut trees along the English Creek riparian corridor. The creek runs through the property from the northeast to the southwest. The topography is primarily flat and gently sloping. The property was recently subjected to fire impacting a few small buildings and vegetation.



Figure 1 – Project Location

Background:

In 2002, an Initial Study/Mitigated Negative Declaration (IS/MND) was adopted (Application No. S-01-02 Pippo Ranch) by the Planning Commission. The project consisted of subdividing 148-acres into seven (7) lots which included the subject property. The IS/MND required implementation of the mitigation measures relative to Biological Resources, Cultural Resources, Noise, Traffic and Circulation and Safety that would reduce impacts to a less than significant level.

In 2015, the subject parcel was established as part of a previous subdivision for four parcels; three (3) 2.5-acre parcels and one (1) 14-acre parcel approved in 2015 (Application No.: MS-14-03 Lands of West). A Mitigated Negative Declaration was circulated and adopted. The environmental analysis assumed the potential impacts for eight (8) potential dwellings; however, only four (4) parcels were approved by the Zoning Administrator in 2015 (Resolution No. 15-09).

The current project proposes to subdivide the 14.81-acre parcel into four (4) lots. A new Initial Study is prepared consistent with 2020 CEQA Initial Study requirements and circulated for public review, to disclose the impacts of four (4) additional dwelling units.

1.4 PROJECT DESCRIPTION

The project consists of subdividing 14.81 acres into four (4) lots in the Rural Residential 2.5 acre minimum acre (RR - 2.5) zoning district; Lot 4 - 2.5 acres, Lot 5 - 2.5 acres; Lot 6 - 2.54 acres, Lot 7 - 7.27 acres. Public water service by the Rural North Vacaville Water District and on-site sewage disposal is proposed. Access to the property is proposed via existing English Creek Lane, 60-foot wide public road and Wisteria Court, 50-foot wide private road, built to County improvement standards.

1.5 ADDITIONAL DATA

NRCS Soil Classification:	Class II, Rincon clay loam; Class III San Ysidro sandy loam and Altamont clay; Class IV and VI Corning gravelly loam
Agricultural Preserve Status/Contract No.:	N/A
Non-renewal Filed (date):	N/A
Airport Land Use Referral Area:	N/A
Alquist Priolo Special Study Zone:	N/A
Primary or Secondary Management Area of the Suisun Marsh	N/A
Primary or Secondary Zone identified in the Delta Protection Act of 1992:	N/A

Surrounding General Plan, Zoning and Land Uses

	General Plan	Zoning	Land Use
Property	Rural Residential	RR 2.5	Vacant
North	Rural Residential	RR 5	Single family
South	Rural Residential	A-20	Single family
East	Rural Residential	RR 2.5	Vacant
West	Rural Residential	A-20	Single family

1.6 LAND USE CONSISTENCY ANALYSIS

1.6.1 General Plan

The property is designated Rural Residential which allows densities of 1-10 acres per unit on the Solano County General Plan Land Use Diagram. The project proposes density of 3.5 acres per unit and is consistent with the allowable density.

1.6.2 Zoning

The property is zoned Rural Residential 2.5 acre minimum. The proposed lots are consistent with the required minimum lot size.

1.6.3 Permits and Approvals Required from Other Agencies (Responsible, Trustee and Agencies with Jurisdiction):

Rural North Vacaville Water District, Vacaville Fire Protection District.

1.7 RESPONSIBLE, TRUSTEE, & AGENCIES THAT MAY HAVE JURISDICTION

Agencies that May Have Jurisdiction over the Project

None known

CHAPTER 2 - ENVIRONMENTAL CHECKLIST

This chapter discusses the potential for adverse impacts on the environment. Where the potential for adverse impacts exist, the report discusses the affected environment, the level of potential impact on the affected environment and methods to avoid, minimize or mitigate for potential impacts to the affected environment.

Findings of LESS THAN SIGNIFICANT IMPACT WITH MITIGATION MEASURES

Based on the Initial Study, Part I as well as the review of the proposed project by the Department of Resource Management, the project requires mitigation measures to reduce potential impacts to less than significant levels.

Noise	Cultural Resources
Biological Resources	Tribal Cultural Resources

Findings of LESS THAN SIGNIFICANT IMPACT

Based on the Initial Study, Part I as well as the review of the proposed project by the Department of Resource Management, the following environmental resources were considered and the potential for impact is less than significant. A detailed discussion of the potential effects on environmental resources is provided in the following topics:

Hydrology	&	Water	Quality
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Page 9 **Public Services** Transportation **Utilities and Service Systems** Air Quality Geology & Soils Hazards & Hazardous Materials Wildfire Population & Housing **Aesthetics** Greenhouse Gas Emissions Energy **Findings of NO IMPACT** Based on the Initial Study, Part I as well as the review of the proposed project by the Department of Resource Management, the following environmental resources were considered but no potential for adverse impacts to these resources were identified. A discussion of the no impact finding on environmental resources is provided in the following topics: Agricultural Resources ☐ Greenhouse Gas Emissions Population and Housing Greenhouse Gas Emissions Population & Housing Land Use & Planning Mineral Resources

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Recreation

2.1 Wou	AESTHETICS Id the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Have a substantial adverse effect on a scenic vista?				
b.	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				•
C.	In nonurbanized areas, substantially degrade the existing visual character or quality of the site and its surroundings? If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?				•
d.	Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?				

Surrounding foreground views to the north, east, and south are that of a relatively flat agricultural landscape with gently rolling hills. Lands are predominantly developed with rural residential development surrounding the subject site. English Creek borders the southern property and various heritage sized oaks and riparian vegetation located along the creek.

Impacts Discussion

- 2.1 a,b,c: The site is not located within a Scenic Corridor and the project will not degrade the visual character of the area. **No impacts.**
- 2.1d: The additional residences could introduce additional exterior lighting and cause light or glare into the rural residential neighborhood. However, County Zoning Code requires the exterior lighting to be oriented away from adjacent residences to minimize unwanted glare. Compliance with the Zoning Code standards will result in **less than significant impacts**

	AGRICULTURAL AND FORESTRY uld the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				•
b.	Conflict with existing zoning for agricultural use, or a Williamson Act contract?				
C.	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?				•
d.	Result in the loss of forest land or conversion of forest land to non-forest use?				

As referenced on the 2018 California Department of Conservation Important Farmland map, the 25.02-acre property is classified as Grazing Land. The property is not encumbered by Williamson Act contract.

Impacts Discussion

2.2 a-d: The property is designated Grazing Land according to the CA Department of Conservation Important Farmland Map and is not encumbered by Williamson Act Contract. The project will not convert to non-agricultural use. **No impacts are anticipated.**

2.3 Wou	AIR QUALITY Id the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Conflict with or obstruct implementation of the applicable air quality plan?			•	
b.	Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?				
C.	Expose sensitive receptors to substantial pollutant concentrations?				
d.	Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?			•	

The English Hills area is located within the Yolo-Solano Air Quality Management District (YSAQMD) which is comprised of northeastern portion of Solano and Yolo County. Projects in this district are subject to the Yolo-Solano AQMD rules and regulations in effect at the time of construction.

Impacts Discussion

2.3a-d: The project has the potential to generate emissions during both construction activities and normal residential use. However, the construction of 4 additional single-family residences does not have the potential to violate ambient air quality standards either short term or long term. The County General Plan has designated the project site for residential buildout; so long-term air quality impacts of residential development have been previously considered by the General plan EIR and impacts are considered to be **less than significant**.

The project does not involve the construction of 4 additional homes simultaneously. Most likely, custom homes will be built at various times. Because of this, short-term air quality impacts will not exceed those of typical single-family development projects. Also, the Yolo-Solano Air Quality Control Board has standard conditions to alleviate short-term air quality impacts from construction activities that will be implemented by the Solano County Building Division at time of construction. Therefore, impacts to short-term air quality will be **less than significant**.

There may be some objectionable odors created during construction, but they are not expected to affect a substantial number of people. After construction, odors may be created from normal rural residential uses but should be no different than those created by rural residential uses on adjacent properties. Therefore, **less than significant impacts are anticipated.**

2.4 BIOLOGICAL RESOURCES Less Than Potentially Significant Less Than No Significant With Significant Impact Impact Mitigation **Impact** Would the project: Incorporated Have a substantial adverse effect, either a. directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service? Have a substantial adverse effect on any b. riparian habitat or other sensitive natural community identified in local or regional П П plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service? C. Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act including, but not П limited to, marsh, vernal pool, coastal, etc., through direct removal, filling, hydrological interruption, or other means? d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native П resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites? Conflict with any local policies or ordinances e. protecting biological resources, such as a П П tree preservation policy or ordinance? f. Conflict with the provisions of an adopted Conservation Plan. Natural Habitat Community Conservation Plan, or other П П П approved local, regional, or state habitat conservation plan?

Environmental Setting

Existing vegetation consists of seasonal grasses, dense grove of willows, heritage sized oaks and walnut trees along the English Creek riparian corridor. The creek runs through the property from the

northeast to the southwest. The topography is primarily flat and gently sloping. The property was recently subjected to fire impacting a few small buildings and vegetation. The proposed homesite, leachfield areas and driveway construction avoid removal of existing trees. A 50-foot development setback along English Creek required by prior subdivision approvals, was recorded to establish a buffer for the riparian corridor.

Impacts Discussion

2.4b,c,d: The southern portion of the property contains the English Creek riparian corridor. Alteration or filling of the creek could cause adverse impacts to the creek; however, the recorded 50-foot wide development setback as a condition of the prior approval minimizes impacts to the riparian habitat. **Less than significant impacts are anticipated**.

2.4a: The 2015 Initial Study/Mitigated Negative Declaration identified the potential for impacts to Swainson Hawk and required mitigation credits for 8 potential units totaling 16.25 acres. On July 22, 2016, mitigation credits suitable for Swainson Hawk foraging habitat were purchased at Burkes Ranch Conservation Bank. Additional Swainson Hawk mitigation credits are not required for the project.

However, there are several mature trees such as cottonwood, oak and eucalyptus trees are located within the vicinity and could provide suitable nesting habitat for Swainson Hawk or other protected migratory avian species. In 2015, CDFW comments included the potential for impacts to Burrowing Owl on the property. Construction activity such as utility construction or home site development, could pose a disturbance for protected species. With incorporation of the following **mitigation measure**, **impacts may be reduced to less than significant level:**

Mitigation Measure Bio – 1: Swain Hawk Pre-construction Surveys

If Project activities are scheduled during the nesting season for Swainson's hawks (March 1 to September 15), prior to beginning work on this Project, a qualified biologist shall conduct surveys according to the Recommended timing and methodology for Swainson's Hawk Nesting Surveys in California's Central Valley.3 Survey methods should be closely followed by starting early in the nesting season (late March to early April) to maximize the likelihood of detecting an active nest (nests, adults, and chicks are more difficult to detect later in the growing season because trees become less transparent as vegetation increases). Surveys shall be conducted: 1) within a minimum 0.5-mile radius of the Project site or a larger area if needed to identify potentially impacted active nests, and 2) for at least the two survey periods immediately prior to initiating Project-related construction activities. Surveys shall occur annually for the duration of the Project. The qualified biologist shall have a minimum of two years of experience implementing the survey methodology resulting in detections. If active Swainson's hawk nests are detected, the Project shall implement a 0.5-mile construction avoidance buffer around the nest until the nest is no longer active as determined by a qualified biologist. If take of Swainson's hawk cannot be avoided, the Project shall consult with CDFW pursuant to CESA and obtain an ITP. CDFW Bay Delta Region staff is available to provide guidance on the ITP application process.

Mitigation Measure Bio-2: Avoidance of Avian Nests and Protected Avian Species

If construction activities are scheduled to occur during the avian breeding season (February 1- August 31), a qualified wildlife biologist shall conduct pre-construction surveys of all potential suitable nesting habitat within 500 feet of active construction areas, including trees, shrubs, grassland and wetland vegetation. The qualified wildlife biologist shall determine the timing of the preconstruction surveys based upon the time of year and habitats that are present. The qualified wildlife biologist shall conduct surveys no more than 7 days prior to

construction. If a lapse in Project-related work of 7 days or longer occurs, another focused survey shall occur before Project work is reinitiated.

Mitigation Measure Bio – 3:

Prior to issuance of construction permits, a burrowing owl habitat assessment and surveys shall be conducted according to the Staff Report on Burrowing Owl Mitigation, Department of Fish and Wildlife, March 2012 (Staff Report). If habitat assessment indicates burrowing owl nesting and/or foraging habitat exists on the site, then in accordance with the Staff Report, a minimum of four survey visits should be conducted within 500 feet of the Project area during the owl breeding season which is typically between February 1 and August 31. A minimum of three survey visits, at least three weeks apart, should be conducted during the peak nesting period, which is between April 15 and July 15, with at least one visit after June 15. Pre-construction surveys should be conducted no-less-than 14 days prior to the start of construction activities with a final survey conducted within 24-hours prior to ground disturbance.

- a. If occupied burrows are found on the Project site, a minimum of 500-meter buffer shall be maintained around the occupied burrows throughout the breeding season (February 1 through August 31). Occupied burrows outside the breeding season shall have a minimum 50-meter buffer. This buffer shall be monitored by a qualified biologist to ensure that buffer is providing sufficient protection for the owls and may be modified through coordination with CDFW.
- b. If the Project will result in the permanent loss of burrowing owl nesting and/or foraging habitat, permanent protection of suitable burrowing owl habitat shall occur. Permanent protection can be accomplished through purchase of suitable land, establishment of conservation easement or other long-term protection mechanisms. Mitigation ratios for Project impacts should be determined based on recommendations in the Staff Report, and in coordination with CDFW, but should consider owl population, natal characteristics, foraging area and quality, dispersal characteristics and other factors influencing the site.

Mitigation Measure Bio-4:

In order to ensure future buyers are aware of the biological resource restrictions, the final map shall include supplemental notes regarding the restrictions pertaining to Bio - 1, 2 and 3.

2.4e,f: The project does not propose to remove any trees and does not conflict with General Plan Tree Preservation Policy or Habitat Conservation Plan. **No impacts are anticipated**.

2.5 Wou	CULTURAL RESOURCES	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Cause a substantial adverse change in the significance of an historical resource as defined in CEQA Guidelines §15064.5?		•		
b.	Cause a substantial adverse change in the significance of an archaeological resource pursuant to CEQA Guidelines §15064.5?		•		
C.	Disturb any human remains, including those interred outside of dedicated cemeteries?				

Environmental Setting & Impact Discussion:

2.5a,b,c: The 2001 Mitigated Negative Declaration analysis indicated that the Northwest Information Center (NWIC) at Sonoma State University determined that the project area was found to contain no recorded archaeological sites; however, there may be potential for unrecorded artifacts. Refer to Section 2.18 Tribal Cultural Resources for discussion on potential impacts and mitigation measure.

	d the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?			•	
b.	Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?				

Impacts Discussion

2.6a: The project will not result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation. Less than significant impacts are anticipated.

2.6b: The project does not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. Less than significant impacts are anticipated.

GEOLOGY AND SOILS Less Than Potentially Significant Less Than No Significant With Significant Impact Impact **Impact** Mitigation Would the project: Incorporated a. Directly indirectly cause potential substantial adverse effects, including the П П П risk of loss, injury or death involving: i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map, issued by the State Geologist for the area or based on other substantial evidence of a known fault? Strong seismic ground shaking? ii) iii) Seismic-related ground failure, including liquefaction? Landslides? iv) b. Result in substantial soil erosion or the loss of topsoil? Be located on a geologic unit or soil that is C. unstable, or that would become unstable as П a result of the project, and potentially result П П in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse? d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property? Have soils incapable of adequately e. supporting the use of septic tanks or alternative wastewater disposal systems П П where sewers are not available for the disposal of wastewater? f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

The project is not within an Alquist-Priolo fault zone. However, according to the Public Health and Safety Element, the property is located within the Marginally Susceptible Area for Landslide Stability, High Shrink Swell Potential and Very Low liquefaction potential.

The project involves grading to develop access, homesites, septic and leachfield areas. Proposed buildings, and structures would require geotechnical reports prepared by a qualified professional prior to issuance of building permits to ensure each is constructed according to the current Uniform Building Code requirements.

Impacts Discussion

- 2.7a(i)-(iv), c: The property is not located over a known earthquake fault capable of displacement in the near future. However, the Vacaville area is in a seismically active region and earthquake related ground shaking should be expected in the future. Compliance with Uniform Building Code requirements should reduce any damage from ground shaking and impacts are **less than significant.**
- 2.7b: Potential building construction would cause additional runoff that may lead to soil erosion. However, any potential development would be subject to approval of a grading and erosion control permit from Solano County Public Works Engineering Division which would ensure that the building pads are engineered to minimize potential erosion problems. Therefore, **less than significant impacts are anticipated.**
- 2.7d: According to the General Plan the project site is located within High Shrink Swell potential area. Evaluation by geotechnical professional is required prior to issuance of building permits. Compliance with Building Code standards shall minimize the impacts to less than significant level.
- 2.7e: According to the Environmental Health Division, the soils are capable of adequately supporting use of septic systems. Soils testing and report indicate that standard type leachfield is feasible on Lot 6 and 7, and alternative type onsite wastewater systems are required for lot 4 and 5. Compliance with County Code Chapter 6.4 Sewage standards shall minimize **impacts to less than significant level.**
- 2.7f: The project does not directly or indirectly destroy a unique paleontological or geological unique feature. **No impacts anticipated.**

	GREENHOUSE GAS EMISSIONS Id the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?				
b.	Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			•	

Environmental Setting & Impacts Discussion

2.8a: The project is anticipated to generate low traffic levels (refer to Section 2.17 Transportation for discussion); therefore, potential residential development on the subject site would not have a significant impact on greenhouse gas emissions (GhG) as the impact of GhG emissions is global in nature. Less than significant impacts are anticipated.

2.8b. As proposed, the project should not conflict with any goals or policies of the Solano County General Plan, which are intended to reduce or indirectly reduce GhG emissions. Nor would the project conflict with the County's recently adopted Climate Action Plan (June 2011). Less than significant impacts are anticipated.

2.9 Wou	HAZARDS AND HAZARDOUS MATERIALS Id the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?				•
b.	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?				
C.	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				
d.	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				•
e.	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				•
f.	Impair implementation of, or physically interfere with, an adopted emergency response plan or emergency evacuation plan?			•	
g.	Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?				

The project does not involve the transportation, generation, or storage of hazardous materials. As seen on Figure 2A of the Travis Air Force Base Land Use Compatibility Plan, the subject property is located outside of the LUCP Area Influence Zone. The site is located greater than two miles from the Nut Tree Airport, and not within the vicinity of a private airstrip.

The project is located within the Calfire State Responsibility Area. Refer to Section 2.20 for further discussion.

Impacts Discussion

2.9a-e: No hazardous materials should be released into the environment through transport or accidental upset of hazardous materials as a result of this proposal. The project site is not listed on a list of hazardous materials sites, nor located within two miles of an airport. **No impacts are anticipated.**

2.9f,g: The project is located within the Calfire State Responsibility Area and the property is impacted by the recent LNU Complex fire. Compliance with the Fire Safe Regulations standards will result **in less than significant impacts**. Refer to Section 2.20 Wildfire for further discussion.

. 2.10 Would	HYDROLOGY AND WATER QUALITY d the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?				
b.	Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?				
C.	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or through the addition of impervious surfaces, in a manner which would:			•	
	 Result in substantial erosion or siltation on- or off-site; 				
	ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;				
	iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or			•	
	iv) Impede or redirect flood flows?			0	
d.	In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?				•
e.	Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?			•	

The project would utilize an on-site septic system to handle wastewater discharge. As required by County Subdivision regulations, public water service by Rural North Vacaville Water District will be provided to each lot. The project proponent has purchased four water rights and installation of the water lines and meters are required prior to parcel map recordation.

Impacts Discussion

2.10a,c: Water quality is regulated by both state and federal agencies under the authority of the Clean Water Act (CWA). Projects that have the potential to degrade water quality are subject to the regulations of those agencies. Operational activities may involve common urban pollutants such as surface litter, oil, gasoline, grease, paint, fertilizers, pesticides, and herbicides. Construction activities involving soil disturbances such as excavation, demolition, stockpiling, and grading activities could result in increased erosion and sedimentation to surface waters, and could produce contaminated storm water runoff, a major contribution to the degradation of water quality. These activities could result in the discharge of pollutants into the surface water resources that could degrade water quality.

Site development and grading activities will be required to implement Best Management Practices (BMP's) to address construction related surface runoff and vehicle and construction equipment clean out areas. With an approved grading/drainage and erosion control plan utilizing the latest BMP technologies and compliance with the recommended riparian corridor mitigation measures, impacts to on-site and off-site water quality should be reduced to a less than significant level. Less than significant impacts are anticipated

- 2.10b,e. Domestic water supply will be provided by the Rural North Vacaville Water District. Public water infrastructure approved by the Rural North Vacaville Water District shall be installed prior to final map recordation. **Less than significant impacts are anticipated**.
- 2.10d: According to FEMA flood maps, the project site is not located within the Federal Emergency Management Agency's (FEMA) Flood Zone A (100-year flood zone). The site lies within FEMA Flood Zone X according to Firm Panels 06095C 0161F and C0695C 0150E. Zone X is defined as an area of minimal flood hazard. The project site is inland and is not threatened by potential seiche or tsunami. **Therefore, no impacts anticipated.**

2.11	LAND USE AND PLANNING	Potentially Significant	Less Than Significant With	Less Than Significant	No
Wou	ıld the project:	Impact	Mitigation Incorporated	Impact	Impact
a.	Physically divide an established community?				
b.	Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?				

The property is designated and zoned for Rural Residential development. The proposed subdivision is consistent with the surrounding development pattern.

Impacts Discussion

- 2.11a: The proposed project would not physically divide a community. **No impacts are** anticipated.
- 2.11b: This area is planned for this density of residential growth with the necessary infrastructure and public services to support the project is available. The project does not involve the displacement of homes or people and will have **no impact.**

	MINERIAL RESOURCES	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impac
a.	Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				•
b.	Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?				

As indicated on the Mineral Resources map, Figure RS-4 of the Solano County General Plan, there are no active mines or mineral resource zones within the vicinity of the project site.

Impacts Discussion

2.12a,b: The site is not designated with mineral resource importance according to the General Plan. **No impacts are anticipated**.

2.13 Wou	NOISE Ild the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?			0	0
b.	Generation of excessive ground borne vibration or ground borne noise levels?		(F)		
C.	For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				•

Environmental Setting & Impacts Discussion

2.13a,b: The project is located in a valley and in close proximity to sensitive receptors. The project could add ambient noise levels during construction and post construction. Complaints from the community have been received regarding noise levels during residential construction. The additional residences could potentially raise the temporary ambient noise levels in the neighborhood. In order to mitigate for construction level noise, the following mitigation measure is recommended to minimize impacts to **less than significant**

Mitigation measure Noise - 1:

Construction activity is limited to weekdays during the hours of 8 a.m. to 5 p.m., Monday through Friday; and 9 a.m. to 4 p.m. on Saturdays, and no work should occur on Sundays and Federal holidays. In order to ensure future buyers are aware of the noise restrictions, the parcel map shall include a supplemental note statement regarding the noise restriction for construction activities.

However, residential activities are considered normal and would not typically exceed the 65 dB noise standard for residential neighborhood. Noise nuisances are be subject to enforcement actions.

2.13c: The project is not located within the vicinity of an airport or private airstrip. **No impacts are anticipated.**

	d the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?			•	
b.	Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?				

Environmental Setting & Impacts Discussion:

- 2.14a: The proposed project has the potential for 4 additional single-family dwellings. Given that the average household size in the unincorporated County is 2.88 persons per household (State Department of Finance, 2011), the average number of additional persons expected to reside at the project site is 11 persons. This increase alone would create a **less than significant impact**.
- 2.14b: This area is planned for this density of residential growth with the necessary infrastructure and public services to support the project available. The project does not involve the displacement of homes or people and will have **no impact**.

	PUBLIC SERVICES d the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times, or other performance objectives for any of the public services:				
	1. Fire Protection?			•	
	2. Police Protection?			•	
	3. Schools?				
	4. Parks?				
	Other Public Facilities?			•	

Environmental Setting & Impacts Discussion

- 2.15a,1: The project will not cause adverse impacts; however, compliance with Vacaville Fire Protection District Rules and Regulations and Cal Fire State Responsibility Area regulations as recommended in the Hazards Section of this Initial Study, could minimize impacts to **less than significant level.**
- 2.15a,2: The project proposes four (4) additional homesites, in an existing service area of the Sheriff's Department and the relatively small number of new parcels being created would not typically require additional staffing resources by the Sheriff. **Less than significant impacts are anticipated**.
- 2.15a.3: Individual property owners will pay fees prior to issuance of building permits which will help pay for new schools or additional facilities, in the Vacaville Unified School District. **Less than significant impacts are anticipated.**
- 2.15a.4: The project is not anticipated to generate the need or impact for additional recreational or other public facilities. **Less than significant impacts are anticipated.**

	RECREATION d the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				•
b.	Does the project include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?				•

Environmental Setting & Impacts Discussion

2.16a,b: The additional household could utilize existing neighborhood or regional parks in the vicinity of the project. The potential small increase in park use would not cause substantial physical deterioration and, therefore, the project will have **no impact** on recreational facilities.

	TRANSPORTATION Id the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?			•	
b.	Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b) "vehicle miles traveled"?			•	
C.	Substantially increase hazards due to a geometric design feature (e.g. sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?			•	
d.	Result in inadequate emergency access?				

The project will be accessed by existing roads, English Creek Lane and Wisteria Court, both built to County Improvement Standards. Driveway access to Lot 4,5 and 6 is proposed off English Creek Lane and driveway access to Lot 6 is restricted to Wisteria Court. Access rights along English Hills and Cantelow Road were granted to County in 2016.

Impacts Discussion

2.17a-d: The project is anticipated to generate additional 28.8 ADT based upon 9.6 trip generation rate for a single-family residence according to the Institute of Transportation Engineers Trip Generation manual. The increase in traffic would not have significant impacts on the existing traffic load and capacity of the street system and impacts are considered *less than significant*.

California Office of Planning and Research guidelines for Vehicle Mile Traveled (VMT) analysis state that small projects that generate fewer than 110 trips per day may be assumed to cause less than significant impacts. The project generates approximately 28.8 ADT; therefore, **impacts are less than significant**.

The proposed project will not conflict with any circulation plan, result in inadequate emergency access or impact any farm equipment. Traffic impacts are **less than significant**.

2.18 TRIBAL CULTURAL RESOURCES Less Than Potentially Significant Less Than No Significant With Significant **Impact** Impact Mitigation **Impact** Would the project: Incorporated Would the project cause a substantial adverse a. change in the significance of a tribal resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural П П landscape that is geographically defined in terms of size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as П defined in Public Resources Code section 5020.1(k), or ii) A resource determined by the lead agency, its discretion and supported substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code section \Box 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

Environmental Setting & impact discussion:

2.18ai,ii: On June 7, 2021, Yocha Dehe Wintun Nation Cultural Resource Director (Laverne Bill) indicated that the site has potential for significant resource and any ground disturbance related to the project such as utility installation, road, home, septic systems or leachfield construction could uncover significant resource to the Native American Tribe. Yocha Dehe Cultural Resource Director recommends cultural sensitivity training for the construction crew and presence of a Tribal Monitor during construction. Treatment of Native American human remains, or artifacts shall be consistent with the Burial Protocols established by the Yocha Dehe Wintun Nation.

Due to the potential presence of significant resource to Yocha Dehe Wintun Nation, the following mitigation measure is recommended to minimize impacts to less than significant level:

Mitigation Measure TR-1:

To address any potential impacts on cultural, archeological and paleontological resources within the subject property or public road easement, and prior to any ground disturbance for

Initial Study MS-20-06 English Creek Estates Phase 2 Page 33

road/encroachment improvement, utilities, septic system, leachfield, water wells or homesite development, the project proponent shall hire qualified archeologist to monitor construction and contract with Yocha Dehe Wintun Nation to provide cultural sensitivity training to the workers a minimum of 14 days prior to construction, and allow the Yocha Dehe Tribal Monitor access to the project site during excavation activity. If subsurface resources are encountered during project excavation, workers shall avoid altering the artifacts/cultural resource in their context.

If human remains are discovered, work in the vicinity must stop until the County coroner can determine whether the remains are those of a Native American. If they are those of a Native American, the coroner must contact the NAHC. The NAHC will identify the person(s) it believes to be the "Most Likely Descendant" of the deceased Native American. The Most Likely Descendant would be responsible for recommending the disposition and treatment of the remains. The Most Likely Descendant may make recommendations to the project proponent and the County for means of treatments. Treatment of Native American human remains, or artifacts shall be consistent with the Burial Protocols established by the Yocha Dehe Wintun Nation.

For the unanticipated discovery, the archeologist shall immediately notify the Solano County Resource Management Department. Solano County will work with the qualified archaeologist to determine whether the discovered resource can be avoided and, if impacts have not occurred, whether work can continue. Work shall not resume until permission is received from Solano County.

In order to ensure future buyers are aware of the potential impacts to cultural resources, the final map shall include a note regarding the potential impacts to cultural resources, requirement for on-site excavation monitoring & cultural sensitivity training by a qualified archeologist and coordination with the Yocha Dehe Tribal Monitor.

	d the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Require or result in the construction of new or expanded water, wastewater treatment, or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?				•
b.	Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?			٠	
C.	Result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?			•	
d.	Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?			À	
e.	Comply with federal, state, and local statutes and regulations related to solid waste?			•	

Environmental Setting& Impacts Discussion

- 2.19a: No new or expanded utility facilities are required for four (4) additional homes. **No impacts** are anticipated.
- 2.19b. As discussed in the Hydrology & Water Section, the property is located within the Rural North Vacaville Water District and subdivision regulations require public water service for parcels within the Rural Residential 2.5-acre zoning district. The project proposes to provide public water service for the proposed development. Compliance with Rural North Vacaville Water District requirements could mitigate impacts to **less than significant**.
- 2.19c. The applicant submitted a Soils Report prepared by FR Soiltesting, for the subject site. The Environmental Health Services Division reviewed the report and concluded that septic systems are permissible on the property. Compliance with County Code Section 6.4 shall ensure that impacts are **less than significant**.

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2.19d;e: The project is not anticipated to generate solid waste in excess of state or local standards and will comply with federal, state and local statues regulations pertaining to solid waste. The County has more than 15 years of landfill capacity as required by the State of California. **Less than significant impacts are anticipated.**

2.20	WILDFIRE	Potentially Significant	Less Than Significant With	Less Than Significant	No Impact
Would the project:		Impact	Mitigation Incorporated	Impact	mpaot
a.	Substantially impair an adopted emergency response plan or emergency evacuation plan?			٠	
b.	Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?			٠	
C.	Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines, or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?			٠	
d.	Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?			•	

The property is located within the State Responsibility Area of moderate risk, designated by Calfire. The area is predominantly rural residential and grasslands, was impacted by the 2020 Sonoma Lake Napa Unit (LNU) Lightning Fire Complex.

The project is located within the Vacaville Fire Protection District and one-quarter (¼) mile from the existing Fire Station. Fire suppression infrastructure are installed nearby. Existing fire hydrants are located on English Creek Lane and at the intersection of Cantelow and English Hills Road. County Fire Safe Regulations require siting new structures a minimum of 1000 feet from an existing fire hydrant, a minimum of 30-foot wide setback along the property lines and maintain 100-foot wide defensible space/fire break around all buildings. The tentative parcel map complies with the standards, and requirements such as signage, building numbering and addresses, and driveway turnouts will be verified during building construction. Compliance with Fire Safe Regulations could minimize risks to less than significant level.

Impacts Discussion

- 2.20a: Compliance with Fire Safe Regulations Cal Code Regs, Title 14 Section 1270 et seq will not substantially impair an adopted emergency response or emergency evacuation plan. Less than significant impacts are anticipated.
- 2.20b: The project has the potential to expose occupants to pollutant concentrations from wildfire. Compliance with Fire Safe Regulations Cal Code Regs, Title 14 Section 1270 et seq will reduce impacts to less than significant impact
- 2.20c: The project will not require installation of roads or fire hydrants or utilities lines which exacerbate fire risk. Compliance with Fire Safe Regulations Cal Code Regs, Title 14 Section 1270 et seq. could reduce **impacts to less than significant impact**
- 2.20d: The project has the potential to expose additional people to risks related to post fire instability. Compliance with Fire Safe Regulations Cal Code Regs, Title 14 Section 1270 could reduce **impacts to less than significant**.

2.21 Would	MANDATORY FINDINGS OF SIGNIFICANCE d the project:	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
a.	Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?				
b.	Does the project have impacts that are individually limited, but cumulatively considerable? "Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.				
C.	Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?			•	

Impacts Discussion

2.21a: The Solano County General Plan designates this area for rural residential purposes and impacts associated with residential uses are to be expected and have been anticipated in the County General Plan. Environmental impacts attributable to this proposal have been identified that has the potential to degrade the quality of the environment, effect endangered, rare or threatened species or major periods of California history or prehistory. Less than significant impacts are anticipated if recommended mitigation measures are implemented.

2.21b,c: The project does not have impacts that are cumulatively considerable or cause substantially adverse effects on human beings either directly or indirectly. **Less than significant impacts are anticipated.**

CHAPTER 3 – AGENCY COORDINATION AND PUBLIC INVOLVEMENT

3.1 Consultation and Coordination with Public Agencies

The Initial Study is being circulated for public comment and referred to the State Clearinghouse for coordinated review by State and local state agencies. (See Section 3.4 Distribution List)

3.2 Public Participation Methods

The Initial Study is also available at the Solano County Department of Resource Management and online at the Department's Planning Services Division website at: http://www.solanocounty.com/depts/rm/documents/eir/default.asp

Interested parties may contact the planner assigned to this project at the contact points provided below:

Nedzlene Ferrario Senior Planner Solano County Department of Resource Management Planning Services Division 675 Texas Street Fairfield, CA 94533

PHONE: (707) 784-6765 FAX: (707) 784-4805

EMAIL: nnferrario@solanocounty.com

3.3 List of Preparers

Solano County Department of Resource Management

This Initial Study was prepared by the Solano County Department of Resource Management.

3.4 Distribution List

State & Local Agencies

California Department of Fish and Wildlife Native American Heritage Commission Cal Fire Vacaville Fire Protection District Rural North Vacaville Water District

CA Native American Tribes

- Yocha Dehe Wintun Nation
- Cachil Dehe Band of Wintun
- Cortina Rancheria Kletsel Dehe Band of Wintun Indians
- Guidiville Indian Rancheria

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APPENDICES

- A. Application Form MS-20-06
- B. Assessor Parcel Map
- C. Tentative Parcel MapD. Public Water System Plans
- E. Rural North Vacaville Will Serve Letter
- F. Yocha Dehe Wintun Nation Burial Treatment Protocols



DEPARTMENT OF RESOURCE MANAGEMENT DEVELOPMENT PERMIT APPLICATION RECEIVED

Planning Services Division

OCT 1 5 2020

675 Texas Street , Suite 5500, Fairfield, CA 94533 Phone (707) 784-6765 Fax (707) 784-4805 www.solanocounty.com

COUNTY OF SOLANO
RESOURCE MANAGEMENT

Application Type: X New Extension (maps)	Minor Revision	Map Modific	ation
General Plan Amendment (G) Mutual Agreement (MA) Major S Perform	Subdivision (MS) Subdivision (S) nance Standards (PS) Plan Overlay (PP) (Z)	Sign Permit (Use Permit (I Variance (V) Waiver (WA)	J)
For office use only: Application No: M 5 - 20 - Hrg: ZA PC BC	Date Filed: 10 15	70 Plnr:	e w
Project Name: English Creek Estates - P			
Subject Site Information		_	
Site Address: English Hills at Cantelow Ro	oads <u>C</u> ity: <u>V</u> acaville	State: <u>CA</u>	<u>z</u> ip: 9 <u>5688</u>
Assessor's Parcel Number (s): 0105-110-690		Size (sq. ft/acre)	:
Preferred Property Access by Staff: X OK to access Call appli	cant before access Call owne	er before access	
Contact Information		2	
Property Owner Name: Clifford and Linda Nea	1CGNEALE	3 Comai	1. Com-
Contact Name: Clifford Neal			
Mailing Address: 4 15 2 Peaceful Glen Road	City: <u>Vacaville</u>	State: CA	Zip: 95694
Architect/Engineer/Land Surveyor Company Name: <u>Foulk</u>	Civil Engineering,	Inc.	
Contact Name: Brad Foulk	Phone:(707)864-07	84 _{Email:} brad	@foulkce.com
Mailing Address: 4777 Mangels Blvd.	City: <u>F</u> airfield	State: <u>CA</u> _	Zip: 94558
Applicant/Company Name: Same as Owner			
Contact Name :	Phone:	Email:	
Mailing Address:	City:	State:	_ Zip:
Other Contacts:			
Name:	Phone:	Email:	
Mailing Address:	City:	State:	7in:

1	Project Narrative			

Describe the type of development, proposed uses/business, phases, chand intent or purpose of your proposal clearly. Attach additional sheet	
Divide existing 14.16-acre parcel into 4 pa	rcels being at lest 2.5-acres
each in gross area.	
2 General Plan, Zoning and Utilities:	
General Plan, Zoning or Williamson Act Contract information is available www.solanocounty.com. Click on the "Interactive Map" icon, then se	, -
Current General Plan Designation: Rural Residential	Current Zoning: RR-2.5
Proposed General Plan Designation: Rural Residential	Proposed Zoning: _RR-2.5
Current Water Provider: Rural VV Water	Current Sewage Disposal: Septic/Leach
Proposed Water Provider: Rural VV Water	Proposed Sewage Disposal: Septic/Leach

3	Williamson <i>I</i>	Act Contract				
A.	Is any portion	n of the propert	ry under Williamson Act Contract?	Yes	X No	
	If yes, Con	tract No	please provide a cop	y.		
	If yes, has a	a Notice of Non-	-Renewal been filed?	Yes	☐ No	
	If yes, plea	ase provide a co	ру.			
В.			onservation, open space or similar ease lude Williamson Act contracts)	ments affecting	the use of the \mid	project site?
[Yes	☐ No	if yes, please list and provide a cop	y.		
4 A	Additional Ba	ackground Info	ormation			
						. 2
A.	Does the pro	posal propose t	the demolition or alteration of any exist	ing structures o	n the subject si	te?
	Yes	X No	If yes, please describe in the proje	ct narrative.		
6	None		and Game permits, etc.)	h. /i o Hao Dayso	:t David Mana	
С.	•		proved projects located on the propert roject and date of approval.	ty (i.e. Use Perm	it, Parcei Maps	, etc). Identify
	Subject	property	is within the the distin	nctive bor	der of Boo	ok 51,
	Parcel	Maps, pag	ge 94 filed in June 2016.			
D.	-	vn professionall naterials, etc.)	y prepared reports for the project (i.e.	biological survey	y, traffic study,	geologic,
E.		ject involve Houng anticipated?	using and Urban Development (HUD) fe	deral funding?	Yes	X No
	•		unding (i.e. CDBG grant, HOME, Investn or application pending and fiscal year o	•		_

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Н. І				
	s this part of a larger p	roject? If yes, please explain. Yes	X No	
5	Existing Conditions			
nforn istor rojec	nation on existing land ical, or scenic aspects	ect site and surrounding properties as uses, unique physical and topographic, and any other information which wing. Clear, representative color photogon the photographs.	features, soil stability, plants and ould assist the Department in u	animals, cultural, nderstanding the
	Project site: The site is se	rviced by English Hills	Road and 2 existing c	ul-de-sac
	streets. Engli	sh Creek runs easterly a	long the Southern bou	ndary of th
		lot was recently subject	ed to fire impacting	a few small
	buildings and	vegetation.		
Б.	Surrounding properties Rural resident south.	tial to the north, fallow	v grazing land to east	t, west and
C.	Existing use of land:			
C.	Existing use of land: Residential,	fallow and cattle grazing	J.	
	Residential,	fallow and cattle grazing	J•	
	Residential,		Square Feet	
	Residential,	ype of existing structures:		
	Residential, Describe number and t	ype of existing structures:		
	Residential, Describe number and t	ype of existing structures:		
	Residential, Describe number and t Residential Agricultural	ype of existing structures:		
	Describe number and t Residential Residential Agricultural Commercial	ype of existing structures:		
D.	Residential, Describe number and to Residential Agricultural Commercial Industrial Other	ype of existing structures: Type/Number	Square Feet	
D.	Residential, Describe number and to Residential Agricultural Commercial Industrial Other Describe existing veget	ype of existing structures: Type/Number ation on site, including number and type	Square Feet Dee of existing trees.	
D.	Residential, Describe number and to Residential Agricultural Commercial Industrial Other Describe existing veget	ype of existing structures: Type/Number	Square Feet Dee of existing trees.	
D.	Residential, Describe number and to Residential Agricultural Commercial Industrial Other Describe existing veget Grass lands with	ype of existing structures: Type/Number ation on site, including number and type	Square Feet De of existing trees. English Creek.	
D.	Residential, Describe number and to Residential Agricultural Commercial Industrial Other Describe existing veget Grass lands with	Type/Number Type/Number ation on site, including number and type ith scorched trees along	Square Feet De of existing trees. English Creek.	

G.	Slope of pro Flat or s Rolling Hilly Steep		(0 - 6% slope) (7 - 15% slope) (16 - 24% slope) (> 24% slope)	12. 2.0 0.4 0.2	ŀ	acresacresacresacres			
H.	Describe exi	sting drainage the parce	conditions on site. In drains towa	ndicat rd t	te directio the cre	n of surface eek to t	flows, adjacent he East o	: parcels affe f the pr	cted. operty
l.	Describe lan	d uses on adja	cent parcels (specify	types	of crops i	f agricultura	l).		
	North	Rural Re	sidential		South	Grazing	g & Reside	ntial	
	East	Grazing	& Residential	L	West	Grazing	y & Reside	ntial	
J.	Distance to	nearest resider	nce(s) or other adjace	ent us	se(s):50) ft	(ft/mi)		
K.	located on o	or adjacent to t d power a	tion of any power lin he property. long English to well on p	Hil	ls Road				
L.	names (if any). Indicate whether ephemeral (brief flows following rains), intermittent (seasonal flows during we season), or perennial (year-round flows). English Creek runs through southern portion property to the East								
M.	boundary. I. Describe number and location of man-made drainage channels through or adjacent to the property. Specify names, if any. None							pecify	
N.	•	•	on-site or adjacent m s) vegetation, etc.:	arshe	es, wetland	ds, vernal po	ols, wet meado	ws, riparian	(i.e.
О.	or located in	n close proximi	itive, rare, threatene ty which may be affe _Don't Know	cted	by the pro	ject?	olants, or habit	ats on the pr	oject site
Р.	Via exi	isting vehicle a sting roa	ccess(s) to property: ds, English (ls Road.	Cree	k Lane	or Wist	eria Cour	t,	

Q.	access, utility, and other public or private easements (see deed or recent preliminary title report).
	None
R.	List and describe any freestanding and attached signage on the property. Describe the dimensions, area and height. Include the location on the site plan. None
6	Proposed Changes to the Site
A.	Topography and grading (attach copy of grading plan showing existing and proposed topography and drainage patterns.)
	i. Percent of site previously graded: N/A %.
	ii. Project area (area to be graded or otherwise disturbed): N/A sq. ft./acres.
	iii. Estimate amount of soil to be moved (cut and/or fill):
	N/A Less than 50 cubic yds ³ More than 50 cubic yds ³ More than 1000 cubic yds ³
	iv. Estimate amount of soil to be:
	Imported N/A yd ³ Exported yd ³ Used on site yd ³ .
В.	Number, size and type of trees, and type and quantity of vegetation to be removed. (size of trees = diameter at 4ft. above grade) N/A
C.	Number, type and use of existing structures to be removed, and removal schedule: None
D.	Describe proposed fencing and/or visual screening (landscaping): $${\rm N/A}$$
Ε.	Proposed access to project site (road name, driveway location, etc.): Existing Wisteria Court from English Hill Road to one proposed parcel and existing English Creek Lane to the other three proposed parcels.
F.	Proposed source and method of water supply: Rural North Vacaville Water District
G.	Proposed method of sewage disposal (specify agency if public sewer): On-site septic and leach field

None	ous materials or wa	istes handled	d on-site:			
Duration of N/A	construction and/o	or anticipate	d phasing:			
	oosed use be affect y, industrial) and d	•		sting noise in the vicini	ty? If so, descril	be source
<u>Propose</u>	d Site Utilization					
RESIDENTIA	AL PROJECTS					
1. Number	of structures:	Single F	amily <u>: N/A</u>	Multi-family:	Accessory:	
If multi-fa	mily, number of u	nits:	Maxin	num height:		
2. Signage:	Freestanding:	N/A	Dimer	nsion(s):	Area:	(sq.ft)
	Attached/Wal	I	Dimer	nsions(s) <u>:</u>	Area:	<u>(</u> sq.ft)
NON-RESIDE	NTIAL PROJECTS (Commercial,	Industrial, A	Agricultural, Other)		
1. Lot cove	erage:					
Building	coverage:	N/A	(sq.ft.)	Surfaced area:		(sq.ft.)
Landsca	ped or open space	e:N/A	(sq.ft.)			
2. Total flo	oor area:	N/A	(sq.ft.)			
3. Numbe	r of stories:	N/A		Maximum height:		(ft.)
	ed hours of operati	on:				
	N/A					
4. Propose						

5.	Proposed construction schedule:
	Daily construction schedule: from <u>N/A</u> a.m./p.m. toa.m./p.m.
	Days of construction:
6.	Will this project be constructed in phases? Describe:
	N/A
7.	Maximum number of people using facilities:
	At any one time: N/A Throughout day:
8.	Total number of employees:N/A
	Expected maximum number of employees on site:
	During a shift:During day:
9.	Number of parking spaces proposed: N/A
10.	Maximum number of vehicles expected to arrive at site:
	At any one time:N/Aday:
11.	Radius of service area:N/A
12.	Type of loading/unloading facilities: ${ m N/A}$
	N/A
13.	Type of exterior lighting proposed:
14.	Describe all anticipated noise-generating operations, vehicles or equipment on-site. ${\rm N/A} \label{eq:noise}$
15.	Describe all proposed uses which may emit odors detectable on or off-site. $$\mathrm{N}/\mathrm{A}$$
16.	Describe all proposed freestanding and wall signage. Include the dimensions, area and height. $$\rm N/A$$

Indicate the following items applicable to the project or its effects. Discuss in Section 9 all items checked "Yes" or "Maybe". *Attach additional sheets as necessary.*

		YES	MAYBE	NO
A.	Change in existing natural features including any bays, tidelands, lakes, streams, beaches, natural landforms or vegetation.			X
B.	Change in scenic views or vistas from existing residential areas, public lands or roads.			X
C.	Change in scale, pattern or character of general area of project.			X
D.	Increased amounts of solid waste or litter.			X
E.	Dust, ash, smoke, fumes or odors on site or in vicinity.			X
F.	Change in ground water quality or quantity.			X
G.	Alteration of existing drainage patterns, or change in surface water quantity or quality.			X
Н.	Change in existing noise or vibration levels.			X
l.	Construction on filled land or construction or grading on slopes of 25% or more.			X
J.	Storage, use or disposal of materials potentially hazardous to man or wildlife, including gasoline and diesel fuel. (See Environmental Health Division for assistance or information).			X
K.	Increase in demand for public services (police, fire, water, sewer, etc.)			X
L.	Increase in fossil fuel consumption (electricity, natural gas, oil, etc.).			X
M.	Change in use of or access to an existing recreational area or navigable stream.			X
N.	Change in traffic or vehicular noise on road system in immediate vicinity.			X
Ο.	Increased hazards for vehicles, bicycles or pedestrians.			X
Р.	Removal of agricultural or grazing lands from production.			X
Q.	Relocation of people.			X

12/10/2

9 Additional Information by Applicant

In order to make this application COMPLETE, please submit any additional data, information or special study reports that may be necessary to determine whether the project may have significant effect on the environment or to evaluate any adverse impacts, and to determine how they may be mitigated. Add additional pages as necessary.

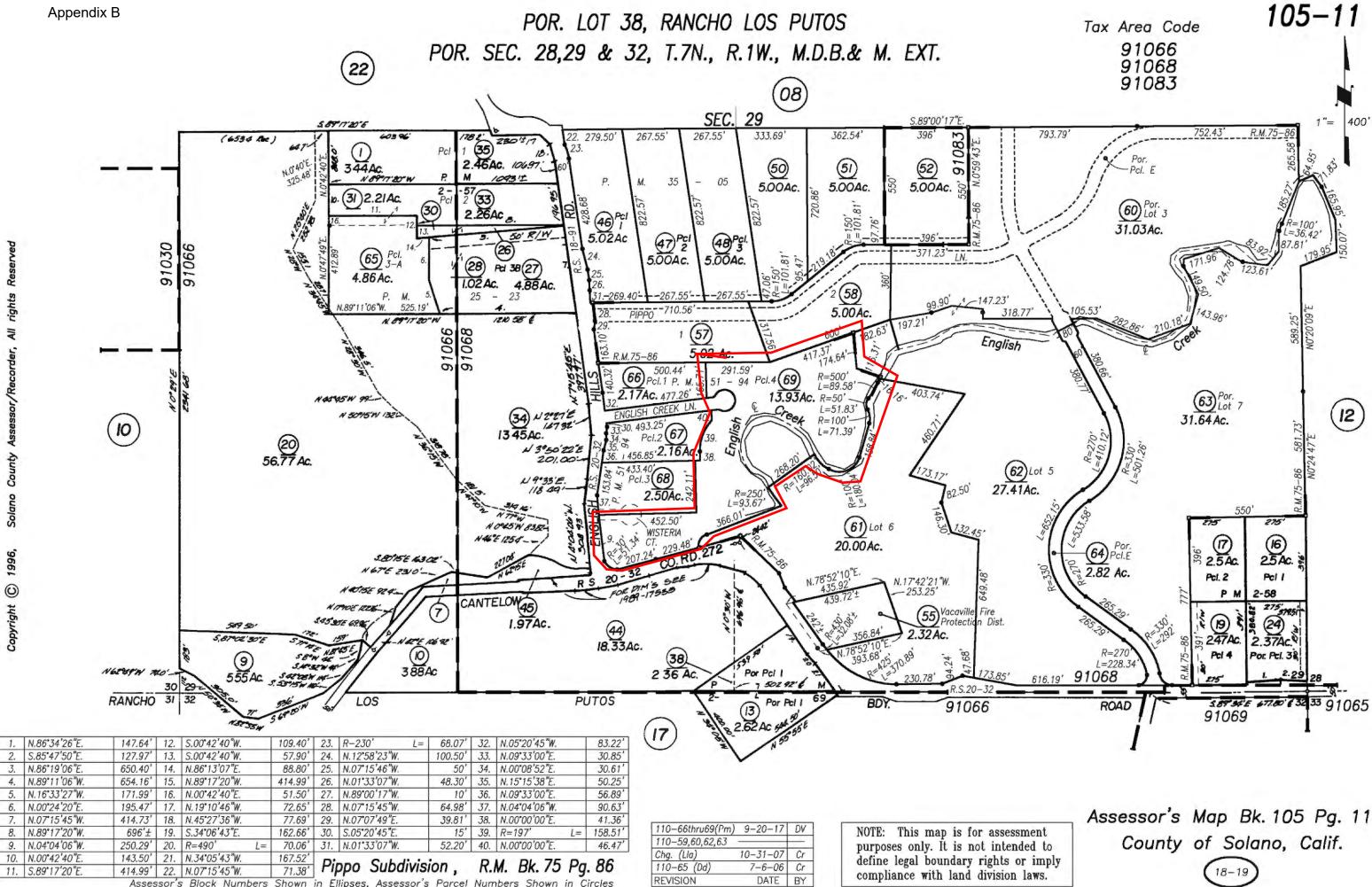
10 Information Verification - Signed by Owner and Applicant

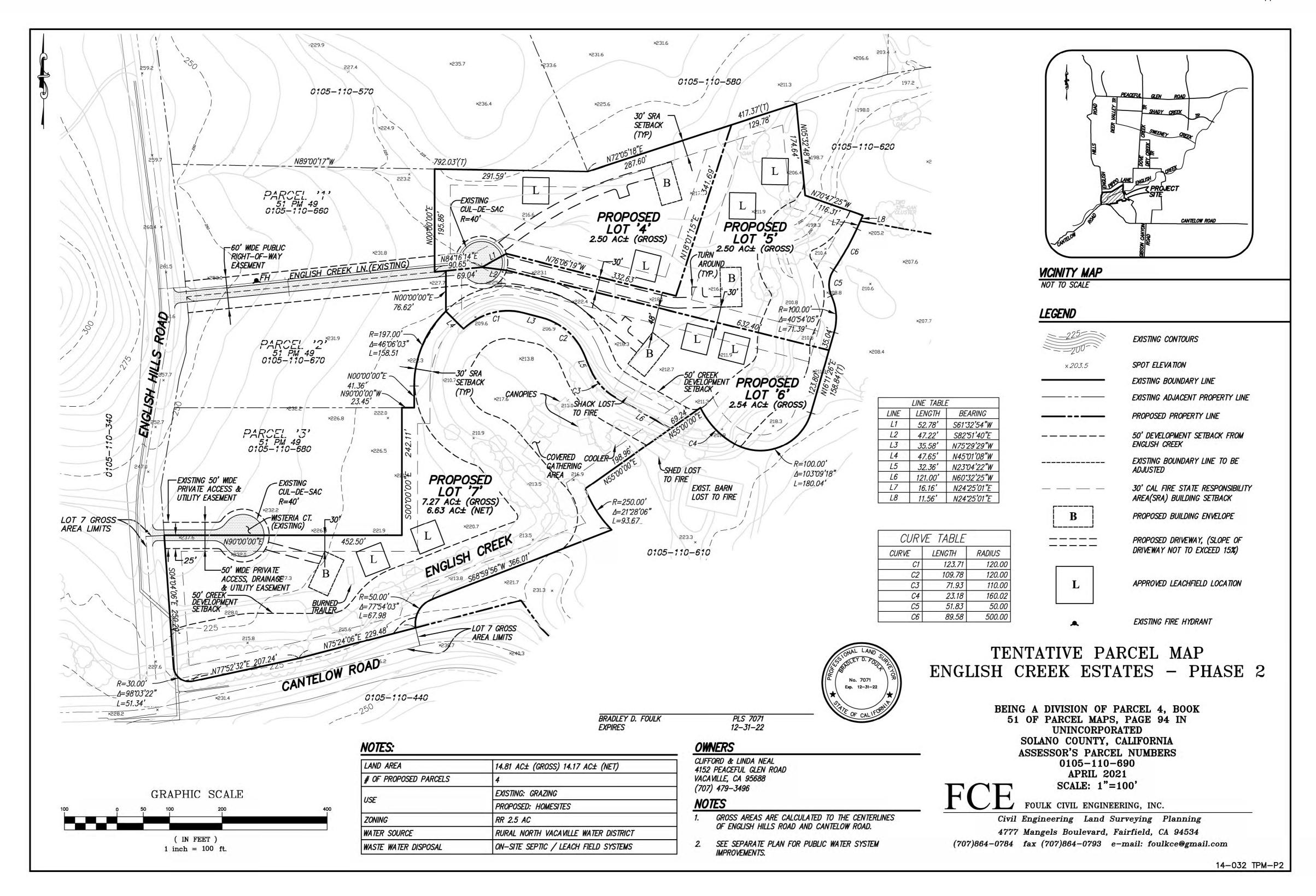
Owner and Applicant must sign below certifying that all information is to the best of his/her knowledge true and correct.

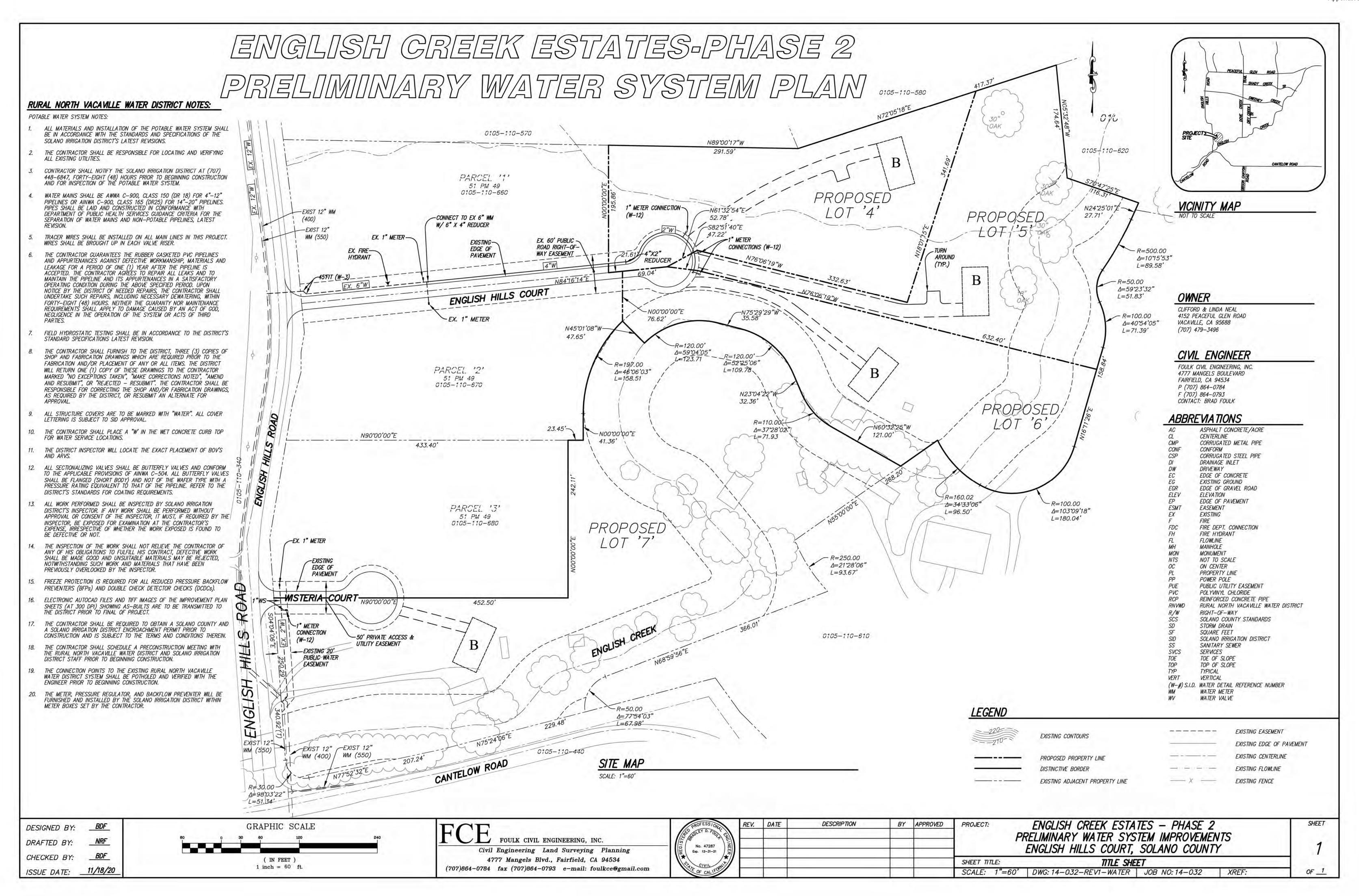
If the applicant is not the owner of record of all property included in this application, the signature given below is certification that the owners of record have knowledge of and consent to the filing of this application and supporting information. Additionally, the undersigned does hereby authorize representatives of the County to enter upon the above mentioned property for inspection purposes and as necessary to evaluate potential environmental impacts of the project. This certification acknowledges that if the project exceeds double that of the application fee, applicants are subject to the hourly billing rate of staff time. You will be notified if the project is approaching this threshold.

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

Applicant signature:	Date:	
PRINTED NAME:		
For Office Use Only		
Planning Permit Fee(s)	Environmental Review Fees	
15-20-06 s 6879	Initial Study \$ Archaeological Study (Sonoma State NWIC) \$	
\$ \$	Initial Study \$	
\$	Initiate EIR \$ Mitigation Monitoring Plan \$	
stal \$ 6819	Total \$	
otal Fees Paid (P + E) \$ 6879	Receipt No.: 13400	
1/2 2 2	4.0	
aff verify: Zoning: KR 12 GP Land L	Jse & Consistency: RR	
ommonts:	St	aff/Date:









RURAL NORTH VACAVILLE WATER DISTRICT

April 23, 2021

Building Official Solano County Department of Resource Management 675 Texas Street, Suite 5500 Fairfield, CA 94533

Subject: Will Serve Confirmation; 4 Lot Subdivision application

Account #: 8202 Contact: Cliff Neal CGNEAL8@gmail.com

Reference Address: Vacaville CA 95688, APN 0105-110-690

Dear Building Official:

This "will serve" letter is written in reference to the above subject property as requested by the property owner Cliff Neal. This property is in the water district and has 4 water rights in good standing with one Base connection with backflow preventer installed and ready to serve and 3 Supplemental connections for new lots.

The District requires all improvements shall be designed, engineered, and installed by the developer in accordance with the requirements of the most recent District Rules and Regulations and Exhibits and that the work be approved and accepted by the District as a condition precedent to the recording of a Final map.

The water district is a rural drinking water system. New residences may need to provide additional onsite storage for in-house fire protection systems. Hydrants within the district are for the filling of fire department tanker trucks (there is no guarantee on flow rate or quantity of water available). The landowner should verify the risks and limitations regarding fire protection in this area.

The developer has posted a \$5,000 deposit for engineering review and district coordination expenses related to review of the proposed development, engineering, and related costs.

Please contact the undersigned if you have any questions.

Sincerely, Sadon Sahowshi

Gordon Stankowski General Manager



Treatment Protocol for Handling Human Remains and Cultural Items Affiliated with the Yocha Dehe Wintun Nation

The purpose of this Protocol is to formalize procedures for the treatment of Native American human remains, grave goods, ceremonial items, and items of cultural patrimony, in the event that any are found in conjunction with development, including archaeological studies, excavation, geotechnical investigations, grading, and any ground disturbing activity. This Protocol also formalizes procedures for Tribal monitoring during archaeological studies, grading, and ground-disturbing activities.

I. Cultural Affiliation

The Yocha Dehe Wintun Nation ("Tribe") traditionally occupied lands in Yolo, Solano, Lake, Colusa and Napa Counties. The Tribe has designated its Cultural Resources Committee ("Committee") to act on the Tribe's behalf with respect to the provisions of this Protocol. Any human remains which are found in conjunction with Projects on lands culturally-affiliated with the Tribe shall be treated in accordance with Section III of this Protocol. Any other cultural resources shall be treated in accordance with Section IV of this Protocol.

II. Inadvertent Discovery of Native American Human Remains

Whenever Native American human remains are found during the course of a Project, the determination of Most Likely Descendant ("MLD") under California Public Resources Code Section 5097.98 will be made by the Native American Heritage Commission ("NAHC") upon notification to the NAHC of the discovery of said remains at a Project site. If the location of the site and the history and prehistory of the area is culturally-affiliated with the Tribe, the NAHC contacts the Tribe; a Tribal member will be designated by the Tribe to consult with the landowner and/or project proponents.

Should the NAHC determine that a member of an Indian tribe other than Yocha Dehe Wintun Nation is the MLD, and the Tribe is in agreement with this determination, the terms of this Protocol relating to the treatment of such Native American human remains shall not be applicable; however, that situation is very unlikely.

III. Treatment of Native American Remains

In the event that Native American human remains are found during development of a Project and the Tribe or a member of the Tribe is determined to be MLD pursuant to Section II of this Protocol, the following provisions shall apply. The Medical Examiner shall immediately be notified, ground disturbing activities in that location shall cease and the Tribe shall be allowed, pursuant to California Public Resources Code Section 5097.98(a), to (1) inspect the site



of the discovery and (2) make determinations as to how the human remains and grave goods should be treated and disposed of with appropriate dignity.

The Tribe shall complete its inspection and make its MLD recommendation within forty-eight (48) hours of getting access to the site. The Tribe shall have the final determination as to the disposition and treatment of human remains and grave goods. Said determination may include avoidance of the human remains, reburial on-site, or reburial on tribal or other lands that will not be disturbed in the future.

The Tribe may wish to rebury said human remains and grave goods or ceremonial and cultural items on or near the site of their discovery, in an area which will not be subject to future disturbances over a prolonged period of time. Reburial of human remains shall be accomplished in compliance with the California Public Resources Code Sections 5097.98(a) and (b).

The term "human remains" encompasses more than human bones because the Tribe's traditions call for the burial of associated cultural items with the deceased (funerary objects), and/or the ceremonial burning of Native American human remains, funerary objects, grave goods and animals. Ashes, soils and other remnants of these burning ceremonies, as well as associated funerary objects and unassociated funerary objects buried with or found near the Native American remains are to be treated in the same manner as bones or bone fragments that remain intact.

IV. Non-Disclosure of Location of Reburials

Unless otherwise required by law, the site of any reburial of Native American human remains shall not be disclosed and will not be governed by public disclosure requirements of the California Public Records Act, Cal. Govt. Code § 6250 et seq. The Medical Examiner shall withhold public disclosure of information related to such reburial pursuant to the specific exemption set forth in California Government Code Section 6254(r). The Tribe will require that the location for reburial is recorded with the California Historic Resources Inventory System ("CHRIS") on a form that is acceptable to the CHRIS center. The Tribe may also suggest that the landowner enter into an agreement regarding the confidentiality of site information that will run with title on the property.

V. Treatment of Cultural Resources

Treatment of all cultural items, including ceremonial items and archeological items will reflect the religious beliefs, customs, and practices of the Tribe. All cultural items, including ceremonial items and archeological items, which may be found at a Project site should be turned over to the Tribe for appropriate treatment, unless otherwise ordered by a court or agency of competent jurisdiction. The Project Proponent should waive any and all claims to ownership of



Tribal ceremonial and cultural items, including archeological items, which may be found on a Project site in favor of the Tribe. If any intermediary, (for example, an archaeologist retained by the Project Proponent) is necessary, said entity or individual shall not possess those items for longer than is reasonably necessary, as determined solely by the Tribe.

VI. Inadvertent Discoveries

If additional significant sites or sites not identified as significant in a Project environmental review process, but later determined to be significant, are located within a Project impact area, such sites will be subjected to further archeological and cultural significance evaluation by the Project Proponent, the Lead Agency, and the Tribe to determine if additional mitigation measures are necessary to treat sites in a culturally appropriate manner consistent with CEQA requirements for mitigation of impacts to cultural resources. If there are human remains present that have been identified as Native American, all work will cease for a period of up to 30 days in accordance with Federal Law.

VIII. Work Statement for Tribal Monitors

The description of work for Tribal monitors of the grading and ground disturbing operations at the development site is attached hereto as Addendum I and incorporated herein by reference.



ADDENDUM I

Yocha Dehe Wintun Nation Tribal Monitors Description of Work and Treatment Protocol

I. Preferred Treatment

The preferred protocol upon the discovery of Native American human remains is to (1) secure the area, (2) cover any exposed human remains or other cultural items, and (3) avoid further disturbances in the area.

II. Comportment

All parties to the action are strongly advised to treat the remains with appropriate dignity, as provided in Public Resource Code Section 5097.98. We further recommend that all parties to the action treat tribal representatives and the event itself with appropriate respect. For example, jokes and antics pertaining to the remains or other inappropriate behavior are ill advised.

III. Excavation Methods

If, after the Yocha Dehe Tribal representative has been granted access to the site and it is determined that avoidance is not feasible, an examination of the human remains will be conducted to confirm they are human and to determine the position, posture, and orientation of the remains. At this point, we recommend the following procedures:

- (A) Tools. All excavation in the vicinity of the human remains will be conducted using fine hand tools and fine brushes to sweep loose dirt free from the exposure.
- (B) Extent of Exposure. In order to determine the nature and extent of the grave and its contents, controlled excavation should extend to a full buffer zone around the perimeter of the remains.
- (C) Perimeter Balk. To initiate the exposure, a perimeter balk (especially, a shallow trench) should be excavated, representing a reasonable buffer a minimum of 10 cm around the maximum extent of the known skeletal remains, with attention to counterintuitive discoveries or unanticipated finds relating to this or other remains. The dirt from the perimeter balk should be bucketed, distinctly labeled, and screened for cultural materials.
- (D) Exposure Methods. Excavation should then proceed inward from the walls of the balk as well as downward from the surface of the exposure. Loose dirt should be scooped out and brushed off into a dustpan or other collective device. Considerable care should be



given to ensure that human remains are not further impacted by the process of excavation.

(E) Provenience. Buckets, collection bags, notes, and tags should be fully labeled per provenience, and a distinction should be made between samples collected from: (1) **Perimeter Balk** (described above), (2) **Exposure** (dirt removed in exposing the exterior/burial plan and associations, and (3) **Matrix** (dirt from the interstices between bones or associations). Thus, each burial may have three bags, "Burial 1 Perimeter Balk," "Burial 1 Exposure Balk," "Burial 1 Matrix."

Please note the provisions below with respect to handling and conveyance of records and samples.

- (*F*) *Records*. The following records should be compiled in the field: (1) a detailed scale drawing of the burial, including the provenience of and full for all human remains, associated artifacts, and the configuration of all associated phenomena such as burial pits, evidence for preinterment grave pit burning, soil variability, and intrusive disturbance, (2) complete a formal burial record using the consultants proprietary form or other standard form providing information on site #, unit or other proveniences, level depth, depth and location of the burial from a fixed datum, workers, date(s), artifact list, skeletal inventory, and other pertinent observations, (3) crew chief and worker field notes that may supplement or supercede information contained in the burial recording form, and (4) photographs, including either or standard photography or high-quality (400-500 DPI or 10 MP recommended) digital imaging.
- (G) Stipulations for Acquisition and Use of Imagery. Photographs and images may be used only for showing location or configuration of questionable formation or for the position of the skeleton. They are not to be duplicated for publication unless a written release is obtained from the Tribe.
- (*H*) Association. Association between the remains and other cultural materials should be determined in the field in consultation with an authorized Tribal representative, and may be amended per laboratory findings. Records of provenience and sample labels should be adequate to determine association or degree of likelihood of association of human remains and other cultural materials.
- (I) Samples. For each burial, all **Perimeter Balk** soil is to be 1/8"-screened. All **Exposure** soil is to be 1/8"-screened, and a minimum of one 5-gallon bucket of excavated but unscreened Exposure soil is to be collected, placed in a plastic garbage bag in the bucket. All **Matrix** soil is to be carefully excavated, screened as appropriate, and then collected in plastic bags placed in 5-gallon buckets.



- (*J*) Human remains are not to be cleaned in the field.
- (K) Blessings. Prior to any physical action related to human remains, a designated tribal representative will conduct prayers and blessings over the remains. The archaeological consultant will be responsible for insuring that individuals and tools involved in the action are available for traditional blessings and prayers, as necessary.

IV. Lab Procedures

No laboratory studies are permitted without consultation with the tribe. Lab methods are determined on a project-specific basis in consultation with Yocha Dehe Wintun Nation representatives. The following procedures are recommended:

- (A) Responsibility. The primary archaeological consultant will be responsible for insuring that all lab procedures follow stipulations made by the Tribe.
- (B) Blessings. Prior to any laboratory activities related to the remains, a designated tribal representative will conduct prayers and blessings over the remains. The archaeological consultant will be responsible for insuring that individuals and tools involved in the action are available for traditional blessings and prayers, as necessary.
- (C) Physical Proximity of Associations. To the extent possible, all remains, associations, samples, and original records are to be kept together throughout the laboratory process. In particular, **Matrix** dirt is to be kept in buckets and will accompany the remains to the lab. The primary archaeological consultant will be responsible for copying all field records and images, and insuring that the original notes and records accompany the remains throughout the process.
- (E) Additional Lab Finds. Laboratory study should be done making every effort to identify unanticipated finds or materials missed in the field, such as objects encased in dirt or human remains misidentified as faunal remains in the field. In the event of discovery of additional remains, materials, and other associations the tribal representatives are to be contacted immediately.

V. Re-internment without Further Disturbance

No laboratory studies are permitted on human remains and funerary objects. The preferred treatment preference for exhumed Native American human remains is reburial in an area not subject to further disturbance. Any objects associated with remains will be reinterred with the remains.



VI. Curation of Recovered Materials

Should all, or a sample, of any archaeological materials collected during the data recovery activities — with the exception of Human Remains — need to be curated, an inventory and location information of the curation facility shall be given to tribe for our records.