



CITY OF TURLOCK INITIAL STUDY CHECKLIST

1. **Project Title:** Planned Development 280 (PD 280), Vesting Tentative Subdivision Map 2021-02 (Balisha Ranch)
2. **Lead Agency Name and Address:** City of Turlock
156 South Broadway, Ste. 120
Turlock, CA 95380
3. **Contact Person and Phone Number:** Katie Quintero
(209) 668-5640
4. **Project Location:** 2930 E. Tuolumne Road
(Stanislaus County APNs 073-16-06)
5. **Project Sponsor's Name and Address:** Woodward Partners, LLC
130 Julia Loop,
Danville, CA 94506
6. **General Plan Designation:** Very Low Density Residential (VLDR)
7. **Master Plan:** East Tuolumne Master Plan
8. **Zoning:** Very Low Density Residential(R-E)
9. **Description of the Project:**

The project applicant proposes to subdivide approximately 17.4 acres into 50 single-family residential lots and one approximately .86-acre storm drainage basin within the East Tuolumne Master Plan (ETMP) Area. A Planned Development is proposed to allow for various deviations from the Very Low-Density Residential development standards in the East Tuolumne Master Plan (ETMP) detailed below. A dual use drainage basin will be installed and landscaped to handle the stormwater for the development as well as provide an open space area. The development will meet the required density of the Very Low-Density Residential Zoning District with a proposed density of 3 units per acre but exceptions to the 14,500 square foot minimum lot size are proposed as follows:

Lots 1 through 6 = 12,000 square feet;

Lots 7 through 15 and 22 through 32= 8,600 square feet

Lots 16 through 21= 8,000 square feet

Lots 33 through 37= 7,500 square feet

Lots 38 through 50= 11,000 square feet

Exceptions to the required setbacks are requested as detailed below:



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Development Standards for all lots

	ETMP Required Standard	Proposed Planned Development
Minimum Lot Width	90' minimum	70' minimum
Cul-De-Sac Minimum Frontage	60' minimum	40' minimum
Corner Yard Setbacks:		
Living Space (1 st Story)	25' minimum	20' minimum
Living Space (2 nd Story)	30' minimum	25' minimum
Garage	35' minimum	25' minimum

Development Standards for lots 7 through 39

	ETMP Required Standard	Proposed Planned Development
Front Yard Setbacks:		
Porch	20' minimum	15' minimum
Living Space (1 st Story)	25' minimum	20' minimum
Living Space (2 nd Story)	30' minimum	25' minimum
Garage	35' minimum	25' minimum

10. Surrounding Land Uses and Setting: (Briefly describe the project's surroundings)

The project site is located within the East Tuolumne Master Plan area that was amended on December 9, 2014. The project site is currently 19.7 acres and is developed with two single family homes as well as an irrigate walnut orchard. A parcel map application is in process to split the 19.7-acre property into three lots. The split will create one 1.18-acre lot with one single family home, one 1-acre lot with one single family home and a 17.4-acre parcel as a remainder. The project is proposed on the 17.4-acre remainder.

The property is bounded on the north by E. Tuolumne Road. Across E. Tuolumne Road to the north are two single family subdivisions currently under construction. To the east of the project site is a 11.42-acre parcel zoned very low density residential within the East Tuolumne Master Plan area currently developed with a single-family home. To the south and west of the project site are developed single family home subdivisions.

11. Other public agencies whose approval is required (e.g. permits, financing approval, or participation agreement).

San Joaquin Valley Air Pollution Control District
Regional Water Quality Control Board

12. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so is there a plan for consultation that includes, for example, the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality?



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The Yokuts tribe was contacted in writing on July 14, 2021 with the project description as part of the Early Public Consultation process. Consultation has not been requested by the Yokuts tribes for this project.

NOTE: Conducting consultation early in the CEQA process allows tribal governments, lead agencies, and project proponents to discuss the level of environmental review, identify and address potential adverse impacts to tribal cultural resources, and reduce the potential for delay and conflict in the environmental review process. (See Public Resources Code section 21080.3.2) Information may also be available from the California Native American Heritage Commission's Sacred Lands File per Public Resources Code section 5097.96 and the California Historical Resources Information System administered by the California Office of Historic Preservation. Please also note that Public Resources Code section 21082.3(c) contains provisions specific to confidentiality.

13. EARLIER ENVIRONMENTAL ANALYSES

Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, one or more effects have been adequately analyzed in an earlier EIR or negative declaration. [Section 15183]

1) Earlier analyses used. (Available for review@ the City of Turlock –Development Services Department, 156 S. Broadway, Suite 120, Turlock, CA).

- City of Turlock General Plan, 2012 (City Council Resolution No. 2012-173)
- Turlock General Plan – EIR, 2012 (Turlock City Council Resolution No. 2012-156)
- City of Turlock, Housing Element, Certified in 2016
- City of Turlock, Water Master Plan Update, 2003 (updated 2009)
- Turlock Parks Master Plan, 1995 (Reviewed in 2003)
- City of Turlock, Waste Water Master Plan, 1991 (Draft Update 2014)
- City of Turlock, Storm Water Master Plan, 2013 (Adopted 2016)
- City of Turlock, Urban Water Management Plan, 2010 (Adopted 2011) (2015 Update Adopted in 2016)
- City of Turlock, Sewer System Master Plan, 2013
- Turlock Municipal Code
- City of Turlock Capital Facilities Fee Nexus Study (Turlock City Council Resolution No. 2013-202)
- Mitigated Negative Declaration for Prezone 2005-01 (East Tuolumne Master Plan).
- Traffic Analysis for East Tuolumne Master Plan – KD Anderson & Associates, Inc., August 2014
- Mitigated Negative Declaration for General Plan Amendment 2014-01, Rezone 2014-01 (East Tuolumne Master Plan Amendment) SCH#201406268 Adopted December 9, 2014, City Council Resolution 2014-205, City Council Resolution 1204-CS.
- *Phase I Environmental Site Assessment May 19, 2021 prepared by Quality Control Southwest, Inc.*



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2) Impacts adequately addressed. (Effects from the checklist below, were within the scope of, and adequately analyzed during an earlier document pursuant to applicable legal standards, and such effects were addressed by mitigation measures based on the earlier analysis).

As identified in the Turlock General Plan Environmental Impact Report (EIR), development in the project area would result in significant, and unavoidable, impacts in the areas of transportation/traffic, noise, regional air quality, and the eventual loss of agricultural land and soil resources. The magnitude of these impacts can be reduced, but not eliminated by the mitigation measures referenced in this initial study. The intensity of the proposed development will result in project level impacts that are equal to, or of lesser severity, than those anticipated in the General Plan EIR, and they would not be different from cumulative effects anticipated by the Turlock General Plan EIR. Potential secondary environmental impacts from the project will be of equal or lesser severity than those identified in the General Plan EIR. Therefore, mitigation measures identified in the General Plan EIR, and their respective Statements of Overriding Considerations (contained in Turlock City Council Resolution No. 2012-156), are adequate to mitigate the impacts from the proposed project where feasible, and are hereby incorporated by reference.

3) Mitigation Measures. (For effects that are “Less than Significant with Mitigation Incorporated,” describe the mitigation measures that were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.

Project-level impacts will be mitigated by application of mitigation measures identified in this initial study, and by appropriate conditions of approval. All cumulative environmental effects related to the ultimate development of the project area will be mitigated through compliance with the policies, standards, and mitigation measures of the Turlock General Plan and the General Plan EIR, as well as the standards in the East Tuolumne Master Plan and the Turlock Municipal Code, that are herein incorporated by reference where not specifically identified.

The project is not located on a site which is included in one or more Hazardous Waste and Substance Site List, compiled pursuant to California Government Code Section 65962.5.

ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:

The environmental factors checked below (X) could be potentially affected by this project. However, these impacts would result in a less than significant on the environment by incorporating appropriate mitigation measures.

	Aesthetics		Hazards & Hazardous Materials	X	Transportation
X	Agricultural and Forestry Resources	X	Hydrology/Water Quality		Tribal Cultural Resources
X	Air Quality		Land Use/Planning	X	Utilities/Service Systems
X	Biological Resources		Mineral Resources		Wildfire
X	Cultural Resources	X	Noise	X	Mandatory Findings of Significance
X	Energy		Population/Housing		



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X	Geology/Soils	X	Public Services		
X	Greenhouse Gas Emissions		Recreation		

RECOMMENDED FINDINGS: Pursuant to Public Resources Code Section 21080(c)(2) and CEQA Guidelines Section 15168(c)(1), the City of Turlock, as lead agency for the proposed project, has prepared an initial study to make the following findings:

1. Pursuant to CEQA Guidelines Section 15162, the proposed activity is adequately described and is within the scope of the General Plan EIR.
2. All feasible mitigation measures developed in the General Plan EIR have been incorporated into the project.
3. Pursuant to Public Resources Code Sections 21080(c)(2) and 21157.5, the initial study prepared for the proposed project has identified potential new or significant effects that were not adequately analyzed in the General Plan EIR, but feasible mitigation measures have been incorporated to revise the proposed subsequent project to avoid or mitigate the identified effects to a point where clearly no significant effects would occur.
4. There is no substantial evidence before the lead agency that the subsequent project, as revised, may have a significant effect on the environment.
5. The analyses of cumulative impacts, growth inducing impacts, and irreversible significant effects on the environment contained in the General Plan EIR are adequate for this subsequent project.
6. Pursuant to CEQA Guidelines Section 15093, a Statement of Overriding Considerations was adopted for the General Plan EIR (City Council Resolution 2012-156). As identified in the Turlock General Plan EIR, development in the project area would result in significant, and unavoidable, impacts in the areas of noise, regional air quality, and the eventual loss of agricultural land. The magnitude of these impacts can be reduced, but not eliminated by the mitigation measures referenced in the initial study prepared for this project and General Plan EIR. Therefore, mitigation measures identified in the General Plan EIR, and its respective Statements of Overriding Considerations, are adequate to mitigate the impacts from the proposed project where feasible, and are hereby incorporated by reference.
7. Pursuant to Public Resources Code Section 21157.6(a), having reviewed the General Plan EIR, the City of Turlock finds and determines that:
 - a. No substantial changes have occurred with respect to the circumstances under which the General Plan EIR was certified, and
 - b. That there is no new available information which was not and could not have been known at the time the General Plan EIR was certified.

DETERMINATION: (To be completed by the Lead Agency)

On the basis of this initial evaluation:

I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.	
I find that although the proposed project could have a significant effect on the environment,	



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<p>there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.</p>	<p>X</p>
<p>I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.</p>	
<p>I find that the proposed project MAY have a "potential significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.</p>	
<p>I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed in an earlier EIR or NEGATIVE DEDCLARATION pursuant to applicable standards and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.</p>	

Katy Luont
7/27/2021

Signature
Date



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EVALUATION OF ENVIRONMENTAL IMPACTS

- 1) A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g. the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors as well as general standards (e.g. the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
- 2) All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- 3) Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
- 4) “Negative Declaration: Potentially Significant Unless Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less Significant Impact.” The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level (mitigation measures from Section 17, “Earlier Analysis,” may be cross-referenced).
- 5) Earlier analysis may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063 (c) (3) (d). In this case, a brief discussion should identify the following:
 - (a) Earlier Analysis Used. Identify and state where they are available for review.
 - (b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
 - (c) Mitigation Measures. For effects that are “Less than Significant with Mitigation Measures Incorporated,” describe the mitigation measures that were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
- 6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g. general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.



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- 7) Supporting Information Sources: A source list should be attached, and other sources used or individuals contacted should be cited in the discussion.
- 8) This is only a suggested form, and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.
- 9) The analysis of each issue should identify: (a) the significance criteria or threshold used to evaluate each question; and (b) the mitigation measure identified, if any, to reduce the impact to less than significance.



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	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
1. Aesthetics – Except as provided in Public Resources Code Section 21099 would the project:				
a) Have a substantial adverse effect on a scenic vista?			X	
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?				X
c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?			X	
d) Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?			X	
Response:				
<p>a) The proposed project is located in a primarily urbanized area surrounded by a mix of residential uses. The General Plan EIR notes that the primary scenic views lie on the City’s boundary, at its agricultural edge. The General Plan recognizes the relatively flat topography of Turlock results in few scenic vistas. The General Plan further concludes within most of the existing urbanized area, infill development and redevelopment would not have a significant effect on the visual quality of the city, because new development would likely be similar in scale and character to existing development. The proposed buildings will not exceed 35-feet in overall height, which is within the maximum height limit allowed in the Low Density and Very Low Zoning Districts. The maximum height limit in the surrounding residential zoning districts is 35-feet, therefore the buildings will be in scale with the surrounding buildings. Pursuant to CEQA §15162, the project will not create any adverse aesthetic impacts that warrant additional environmental documentation over and above the impacts addressed in the Turlock Area General Plan EIR.</p>				



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b) There are no scenic or historic resources on the project site. A site visit conducted by staff on July 28, 2021 confirmed the property currently has no historic buildings, or other distinctive natural or historic resources. State scenic highways refer to those highways that are officially designated by the California Department of Transportation (Caltrans) as scenic. There are currently no highways in the General Plan study area eligible or officially designated as scenic highways by The Master Plan of State Highways Eligible for Official Scenic Highway Designation. The nearest State scenic highway is State Highway 5, which is designated scenic from the Merced county line to the San Joaquin county line. State Highway 5 is located approximately 20 miles from the project site. Due to the distance and intervening topography the project site would not be visible.

c) The project would convert vacant land to urban uses, thereby changing the existing visual character and quality of the site. The proposed project is consistent with the East Tuolumne Master Plan subdivision design and circulation system. The policies contained in the General Plan and the East Tuolumne Master Plan will ensure that residential development within the subdivision will include visual interest and variety and are designed to be compatible with the surrounding neighborhoods. Streetscapes will include landscaping to enhance the visual quality within the project area. To insure compliance with this standard, the project specific mitigation measures have been incorporated into the project to reduce the impact to a less than significant level.

d) The development of the project area with approximately 50 single-family dwellings will produce additional light and glare from street lighting and on-site security lighting. Pursuant to CEQA §15162, the project will not create any impacts that warrant additional environmental documentation over and above the impacts addressed in the Turlock Area General Plan EIR. In accordance with the Turlock Municipal Code, all types of illumination in the master plan area shall not be a source of light and glare upon adjoining developments. To insure compliance with this standard, the project specific mitigation measures have been incorporated into the project to reduce the impact to a less than significant level.

Sources: *City of Turlock, General Plan and MEIR, 2012; Aesthetics and Visual Resources, City Design Element, 2012; City of Turlock, Standard Specifications, Section 18; City of Turlock Beautification Master Plan, 2003; Caltrans Scenic Highway Program;*



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Mitigation:

1. Prior to the issuance of a building permit, the developer shall submit proposed house plans (including both master plans and custom-built homes) to the Planning Division for review and approval to ensure compliance with Chapter 3 (Community Character and Design Guidelines) of the East Tuolumne, and General Plan Policy 3.7-q (Visual interest and compatibility in residential design).
2. Prior to the approval of a grading and/or encroachment permit, the developer shall submit an improvement plan and landscaping plan for review and approval by the Planning Division to ensure that public rights-of-way are developed in accordance with Chapter 2 (Circulation) of the East Tuolumne Master Plan and General Plan Policy 6.3-d (Provide attractive, landscaped streetscapes).
3. Prior to the issuance of a building permit, a lighting plan shall be submitted to the Planning Division for review and approval to ensure that all lighting is designed to confine light spread within the site boundaries. Lighting shall not become a source of glare for adjoining residential properties.
4. Lighting shall be oriented to minimize impacts upon existing and planned residences. Future residential developments shall mitigate the impacts of light and glare sources through project design.
5. Sources of high illumination shall be separated from light-sensitive receptors.

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
<p>2. Agriculture and Forestry Resources - In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the states inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment Project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:</p>				
<p>a) Convert Prime Farmland, Unique Farmland, 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?</p>		X		



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b) Conflict with existing zoning for agricultural use of a Williamson Act contract?				X
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))				X
d) Result in the loss of forest land or conversion of forest land to non-forest use?				X
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?			X	



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Response:

a) The development of this proposed project would result in a loss of Prime Farmland, as identified by the CA Department of Conservation Farmland Mapping and Monitoring Program, however, the loss of farmland within the project area has been analyzed in the General Plan EIR and was considered a significant impact that cannot be mitigated. Consequently, the City Council of the City of Turlock adopted a Statement of Overriding Considerations for the General Plan (Turlock City Council Resolution No. 2012-156), stating that the social and economic benefits of converting the farmland outweighed the adverse environmental effects (CEQA Guidelines § 15093). This Statement of Overriding Considerations included the farmland on the subject site.

The project does not propose any changes to the General Plan, changes in circumstance, or new information that would cause substantial agricultural impacts that were not considered in the 2012 General Plan EIR. The project lies within the municipal boundary of the City of Turlock and the project will develop in accordance with the East Tuolumne Master Plan. General Plan Policy 3.1-g (Master Plan Areas) ensures that agricultural land is utilized and developed in an orderly manner and is not prematurely converted by establishing that master plans shall be developed once 70% of the building permits in a previous master plan area are issued. The East Tuolumne Master Plan area was originally approved in 2003 and amended in 2014 to increase densities to reduce the conversion of farmland to urban uses in accordance with General Plan Policy 7.2-e (Require Compact Development).

Pursuant to CEQA §15162, this project will not create any new significant environmental impacts related to agricultural resources and therefore no additional environmental documentation is warranted. Pursuant to CEQA §15183, this project is consistent with the General Plan and no additional environmental review is needed because there are no agricultural impacts peculiar to the project, no new significant agricultural impacts, no new offsite and cumulative agricultural impacts, or no agricultural impacts that are more significant than described in the prior General Plan EIR.

In addition, new subdivisions in the project area are required to record a Right-to-Farm Notice on all new lots to ensure that residents are aware of the impacts of agricultural operations located in the county.

b) The property is not enrolled in Williamson Act contracts or adjacent to any properties that are enrolled in the Williamson Act. The site is zoned for urbanized uses and will not conflict with any agricultural zoning districts or land held in Williamson Act Contract.

c), d) The project site is located within the City of Turlock in an area designated for urban uses. There are no forest lands or timberlands within the City of Turlock.

e) Agricultural operations in the vicinity of the proposed project may be affected by the development of residential development proposed by the project. To mitigate this impact, the General Plan includes 7.2-J (Support Right to Farm) to ensure compliance with the County's Right to Farm Ordinance. The City has enacted a Right-to-Farm ordinance, consistent with the County's Ordinance to ensure notices are recorded on the deed of each new lot created in the project area.



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Sources: CA Dept. of Conservation Farmland Mapping and Monitoring Program, 2016; City of Turlock, General Plan, Land Use Element, 2012; City of Turlock, General Plan EIR, 2012;

Mitigation:

None required.

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
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3. Air Quality - Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:

a) Conflict with or obstruct implementation of the applicable air quality plan?		X		
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?		X		
c) Expose sensitive receptors to substantial pollutant concentrations?			X	
d) Result in other emissions (such as those leading to odors adversely affecting a substantial number of people)?			X	

Response:

a), b), c) The project will not conflict with, or obstruct, implementation of the 2007 PM10 Maintenance Plan, the 2016 Ozone Plan, or the 2012, 2015 and 2018 PM2.5 Plan or related subsequent progress reports of these plans. SJVAPCD has established thresholds for ROG, NOx, PM 10 & PM 2.5 emissions. The project will be subject to San Joaquin Valley Air District rules and regulations designed to control criteria pollutants, such as Rule 9510 and Regulation VIII. The project is required to obtain these permits to construct and operate. As such, the project is not expected to cause a conflict with, or obstruct implementation of applicable air quality plans.

Based on the CalEEMod 2020.4.0 analysis run on July 27, 2021, the project is located in an urbanized area surrounded by residential uses in Climate Zone 3, wind speeds 2.2 m/s, and 46 days precipitation frequency. When the construction emissions and operational emissions were calculated in the CalEEMOD models, it was found that emissions would not exceed the established Air Quality Thresholds of Significance for both Construction and Operational Emissions for ROG (10 tons per year), NOx (10 tpy), PM 10 (15 tpy) & PM 2.5 (15 tpy) emissions. The construction



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emissions and operational emissions calculated in the CalEEMOD 2020.4.0 model, will not exceeded 5 tons per year for each of the established thresholds for ROG, NOx, PM 10 & PM 2.5.

Overall Construction Emissions

CalEEMOD 2020.4.0: ROG 1.3552 tpy, NOx 2.5079 tpy, CO 2.412 tpy SO2 5.200e-003 tpy, PM₁₀ .4393 tpy and PM_{2.5}0.2369 tpy.

Overall Operational Emissions

CalEEMOD 2020.4.0: ROG 1.1798 tpy, NOx .5158 tpy, CO 5.3989 tpy SO2 .0133 tpy, PM₁₀ .9034 tpy and PM_{2.5}.5281 tpy.

Furthermore, to ensure compliance with District standards the mitigation measures identified below will be incorporated as conditions of approval for the project.

The project will not violate any air quality standards, result in cumulatively considerable net increase of any criteria pollutant, or expose sensitive receptors to substantial pollutant concentrations. Compliance with the General Plan policies and standards, and the SJVAPCD Rules and Regulations is expected to reduce the project impacts; however, the Turlock General Plan EIR found that there would be significant and unavoidable air quality impacts even with implementation of these measures with the build out of the General Plan primarily due to local and regional vehicle emissions generated by future population growth associated with the build out of the proposed plan. A Statement of Overriding Considerations has been adopted as part of that process.

Additionally, the City of Turlock adopted an Air Quality and Greenhouse Gas Emissions Element demonstrating that the General Plan would reduce greenhouse gas emissions. Compliance with the State's greenhouse gas emissions targets for 2030 relied on the adoption of the regional Sustainable Communities Strategy (SCS). StanCOG's SCS has been adopted and was approved by the California Air Resources Board. StanCOG has found that the City of Turlock's General Plan complies with the SCS. This project is consistent with the General Plan; therefore, the project is expected to have a less than significant impact on greenhouse gas emissions.

- d) The proposed residential development will not produce other pollutants such as odors. The proposed development is not expected to expose sensitive receptors to increased pollutants. The project may produce odors during the construction phase, however, these impacts are short-term in nature and are anticipated to be of a less-than-significant impact.



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Sources: *San Joaquin Valley Unified Air Pollution Control District 2016 Plan for the 2008 8-Hour Ozone Standard, 2010 PM-10 Maintenance Plan, 2012 and 2015 PM-2.5 Plan; SJVAPCD's Guide For Assessing and Mitigating Air Quality Impacts (revised March 19, 2015); California Air Resources Board Air Quality and Land Use Handbook; A Community Health Perspective; Turlock General Plan EIR, 2012, Turlock General Plan, Air Quality and Greenhouse Gas Element Section, 2012; Statement of Overriding Considerations (Turlock City Council Resolution 2012-156); StanCOG Regional Transportation plan/Sustainable Communities Strategy Letter of Consistency for the Turlock General Plan dated January 25, 2015; SJVUAPCD (June 2005) Air Quality Guidelines for General Plans; Planned Development 278 CalEEMod Air Quality Analysis report dated July 27, 2021 available upon request;*

Mitigation:

1. The applicant shall comply with all applicable San Joaquin Valley Air Pollution Control District rules and regulations. The applicant shall contact the SJVAPCD prior to submitting an application for a building, grading and/or encroachment permit. Compliance with Rule 9510 shall be demonstrated to the Planning Division prior to the issuance of a building permit.

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
4. Biological Resources - Would the project:				
a) Have a substantial adverse effect, either 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 Game or U. S. Fish and Wildlife Service?		X		
b) Have a substantially adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or U.S. Wildlife Service?				X



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<p>c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?</p>				X
<p>d) Interfere substantially with the movement of any resident or migratory fish or wildlife species or with established native resident migratory wildlife corridors, or impede the use of native wildlife nursery sites?</p>		X		
<p>e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?</p>				X
<p>f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, other approved local, regional, or state habitat conservation plan?</p>				X



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Response:

a) The General Plan states that the Study Area contains mostly human-modified habitats, with almost all the land being urban (52%) or under agricultural production (46%). The General Plan further states that development proposed under the General Plan would be situated on infill sites or land contiguous to existing development. The proposed residential development is on an underdeveloped parcel currently containing two single family residences and a walnut orchard, surrounded on two sides with existing single-family subdivisions with two new subdivisions under construction across the street. Located in a partially urbanized area the project site is surrounded by a mix of residential uses. The proposed project would not have any direct effects on species, riparian habitat, wetlands, nor would it interfere with the movement of any resident or migratory fish, conflict with policies protecting biological resources or the provisions of an adopted Habitat Conservation Plan. Virtually all of the land within the urban boundaries of Turlock, as well as unincorporated land within the City's Sphere of Influence, have been modified from its native state, primarily converted into urban or agricultural production.

The California Natural Diversity Database has identified two special-status species within the General Plan Study area, the Swainson's Hawk and the Hoary bat. While the General Plan Study Area does not contain land that is typical for the Hawk's breeding and nesting, it is presumed to be present and mitigation measures have been incorporated to address any potential impacts. The proposed project site is underdeveloped. The Hoary bat is not listed as a Species of Special Concern by the California Department of Fish and Wildlife but it is monitored in the CNDDDB. The subject site is out of the area in which the Hoary bat is presumed to be present. Due to the property's proximity to urban development, the property has little habitat value for these species. Mitigation measures identified in the General Plan EIR, (General Plan Policy 7.4-d), consistent with the comments received on the Turlock General Plan, have been added to the project to reduce the impacts of the project to a less than significant level. The General Plan concludes that potential impacts on biological resources would be reduced to less than significant through implementation of General Plan policies, as well as regional, State, and federal regulations.

b) There are no rivers, lakes or streams located within the City of Turlock. There are no irrigation facilities, such as canals, located on or adjacent to the project site. Therefore, the project will have no impact on riparian habitats or species.

c) The General Plan EIR identifies the federally protected wetlands located within the City of Turlock and the surrounding Study Area. These areas are located west of Highway 99 and are not identified on the subject property.

d) The project is located within the City of Turlock in an urbanized and partially developed area. No migratory wildlife corridors have been designated on, near or through the project site; therefore, the project would not impede the movement of any resident or migratory fish or wildlife species. The General Plan identifies mitigation measures that will be incorporated in to the project requiring the investigation of the existence of any wildlife nursery sites on the project site.

e) There are no natural features on the undeveloped property that offer habitat opportunities.



CITY OF TURLOCK INITIAL STUDY CHECKLIST

f) There is no Habitat Conservation Plan, Natural Conservation Community Plan, other approved local or regional conservation plan that encompasses the project site.

Sources: *California Dept. of Fish & Wildlife: Natural Diversity Data Base; California Native Plant Protection Act; U.S. Dept. of Agriculture: Land Capability Classification Maps; California Dept. of Conservation: Important Farmlands Maps & Monitoring Program; Stanislaus County Williamson Act Contract Maps; Turlock General Plan, Conservation Element, 2012; US Fish and Wildlife Service – Recovery Plan for Upland Species of the San Joaquin Valley, 1998*

Mitigation:

1. GP 7.4-e, 7.4-f ; If ground disturbing activities, such as grading, occurs during the typical nesting season for songbirds and raptors, February through mid-September, the developer is required to have a qualified biologist conduct a survey of the site no more than 10 days prior to the start of disturbance activities. If nests are found, no-disturbance buffers around active nests shall be established as follows until the breeding season has ended or until a qualified biologist determines that the birds have fledged and are no longer on the nest for survival: 250 feet for non-listed bird species; 500 feet for migratory bird species; and one-half mile for listed species and fully protected species.
2. GP 7.4-e, 7.4-f; If nests are found, they should be continuously surveyed for the first 24 hours prior to any construction related activities to establish a behavioral baseline. Once work commences the nest shall be continuously monitored to detect any behavioral changes as a result of the project. If behavioral changes are observed, the work causing the change should cease and the Department consulted for additional avoidance and minimization measures.
3. GP 7.4e, If Swainson’s Hawks are found foraging on the site prior to or during construction, the applicant shall consult a qualified biologist for recommended proper action, and incorporate appropriate mitigation measures. Mitigation may include, but are not limited to: establishing a one-half mile buffer around the nest until the breeding season has ended or until a qualified biologist determines that the birds have fledged and are no longer dependent on the nest for survival. Mitigating habitat loss within a 10 mile radius Mitigating habitat loss within a 10 mile radius of known nest sites as follows: providing a minimum of one acre of habitat management land or each acre of development for projects within one mile of an active nest tree. Provide a minimum of .75 acres of habitat management land for each acre of development for projects within between one and five miles of an active nest tree. Provide a minimum of .5 acres of habitat management land for each acre of development for projects within between five and 10 miles of an active nest tree.
4. GP 7.4e, The applicant shall comply with all applicable federal, State, and local laws and regulations related to the protection and preservation of endangered and/or threatened species through consultations with appropriate agencies.

	Potenti	Less	Less	NO
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CITY OF TURLOCK INITIAL STUDY CHECKLIST

	ally Signific ant Impact	Than Significa nt Impact With Mitigatio n	Than Signific ant Impact	Impact
5. Cultural Resources - Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?		X		
b) Cause a substantial adverse change in the significance of an archaeological resources pursuant to Section 15064.5?		X		
c) Disturb any human remains, including those interred outside of formal cemeteries?		X		
<u>Response:</u>				
<p>a) The project would not alter or destroy any historic archaeological site, building, structure, or object, nor would it alter or affect unique ethnic cultural values or restrict religious or sacred uses. The City of Turlock consulted with California Native American tribes as required under SB 18 when developing the General Plan EIR. The closest historic resource identified in the General Plan EIR is located more than 1.5 miles away. In addition, the City has conducted a Cultural Records Search as part of the Turlock General Plan and found no evidence of significant historic or cultural resources on or near this site.</p>				
<p>b) and c) As a result of many years of extensive agricultural production, virtually all of the land in the City of Turlock has been previously altered from its native or riparian state. The project would not alter or destroy any historic archaeological site, building, structure, or object, nor would it alter or affect unique ethnic cultural values or restrict religious or sacred uses. The City of Turlock consulted with California Native American tribes as required under SB 18 when developing the General Plan EIR. The closest historic resource identified in the General Plan EIR is located more than 1.5 miles away. In addition, the City has conducted a Cultural Records Search as part of the Turlock General Plan and found no evidence of significant historic or cultural resources on or near this site. As a result of many years of extensive agricultural production virtually all of the land in the Plan area has been previously altered from its native or riparian state. There are no known sites of unique prehistoric or ethnic cultural value. Mitigation measures have been added in the event anything is discovered during construction.</p>				
<p><u>Sources:</u> <i>Turlock General Plan, Conservation Element, 2012; City of Turlock General Plan EIR, 2012; Cultural Resources Records Search, 2008</i></p>				
<u>Mitigation:</u>				



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1. GP 7.5a, 7.5c, In accordance with State Law, if potentially significant cultural, archaeological, or Native American resources are discovered during construction, work shall halt in that area until a qualified archaeologist can assess the significance of the find, and, if necessary develop appropriate treatment measures in consultation with Stanislaus County, Native American tribes, and other appropriate agencies and interested parties.

2. GP 7.5a, 7.5c , If human remains are discovered, California Health and Safety Code Section 7050.5 states that no further disturbance shall occur until the county coroner has made the necessary findings as to origin and disposition pursuant to Public Resources Code Section 5097.98. If the coroner determines that no investigation of the cause of death is required and if the remains are of Native American origin, the coroner will notify the Native American Heritage Commission, which in turn will inform a most likely descendant. The descendant will then recommend to the landowner appropriate disposition of the remains and any grave goods.

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
6. Energy – Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?		X		
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?		X		
Response:				
a) and b) The residential project is proposed on underdeveloped property surrounded by residential uses and is zoned and planned for the intended use. The project site is easily accessed by the existing roadway infrastructure. The homes will have access to existing electrical and telecommunication services. No new transportation, electrical or telecommunication facilities are required to support the project leading to unnecessary consumption of energy resources. Compliance with the California Green Building Standards Code and the San Joaquin Valley Air Pollution Control District standards during construction and operation of the project will further ensure the efficient consumption of energy resources.				
Sources: <i>Turlock General Plan, Conservation Element, Air Quality & Greenhouse Gases Element, 2012; California Building Standards Code.; San Joaquin Valley Air Pollution Control District</i>				
Mitigation:				
1. The applicant shall comply with all applicable San Joaquin Valley Air Pollution Control District rules and regulations.				
2. The project shall comply with the California Green Building Code Standards (CBC),				



CITY OF TURLOCK INITIAL STUDY CHECKLIST

requirements regulating energy efficiency.				
	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
7. Geology and Soils - Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the 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? Refer to Division of Mines and Geology Special Publication 42.		X		
ii) Strong seismic ground shaking?		X		
iii) Seismic-related ground failure, including liquefaction?		X		
iv) Landslides?				X
b) Result in substantial soil erosion or the loss of topsoil?		X		
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?		X		
d) Be located on expansive soil, as defined in Table 18-a-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?		X		



CITY OF TURLOCK INITIAL STUDY CHECKLIST

<p>e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?</p>				X
<p>f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?</p>			X	
<p>Response:</p> <p>a) Several geologic hazards have a low potential to occur within the Turlock General Plan study area. The greatest seismic hazard identified in the Turlock General Plan EIR is posed by ground shaking from a fault located at least 45 miles away. While no specific liquefaction hazard is located within the Turlock General Plan study area, the potential for liquefaction is recognized throughout the San Joaquin Valley. The risk to people and structures was identified as a less than significant impact addressed through compliance with the California Building Codes. Turlock is located in Seismic Zone 3 according to the State of California and the Alquist-Priolo Special Study Zones Act. All building permits are reviewed to ensure compliance with the California Building Code (CBC) for compliance with standards to reduce the potential damage that could be associated with seismic events. The property is flat and is not located adjacent to areas subject to landslides. In addition, the City enforces the provisions of the Alquist-Priolo Special Study Zones Act that limits development in areas identified as having special seismic hazards.</p>				
<p>b) and c) The General Plan EIR notes that soils on this project site have a “low” susceptibility to soil erosion. Erosion hazards are highest during construction. Chapter 7-4 of the Turlock Municipal Code requires all construction activities to include engineering practices for erosion control. Furthermore, future development projects are required to comply with National Pollutant Discharge Elimination System (NPDES) General Construction Permit requirements. Project applicants are required to prepare a Storm Water Pollution Prevention Plan (SWPP) and comply with the City’s Municipal Separate Storm Sewer System permit (MS4) to minimize the discharge of pollutants during and post-construction. Compliance with existing policies and programs will reduce this impact to less than significant levels.</p>				
<p>d) Less than one percent of the soils located in the General Plan study area are considered to have moderate potential for expansion. As required by the Turlock Municipal Code, building permit applications must be accompanied by a preliminary soil management report that characterizes soil properties in the development area.</p>				
<p>e) Development within the project area will be required to connect to the City of Turlock’s waste water system and will not utilize any type of septic system or alternative wastewater system.</p>				
<p>f) As a result of many years of extensive agricultural production, virtually all of the land in the City of Turlock has been previously altered from its native state.</p>				
<p>Sources: California Uniform Building Code; City of Turlock, Standard Specifications, Grading Practices; City of Turlock Municipal Code, Title 8, (Building Regulations); City of Turlock, General Plan, Safety Element, 2012;</p>				



CITY OF TURLOCK INITIAL STUDY CHECKLIST

Mitigation:

1. GP 10.2-a, 10.2-b; The project shall comply with the current California Building Code (CBC) requirements for Seismic Zone 3, which stipulates building structural material and reinforcement.
2. GP 10.2-a, 10.2-b, The project shall comply with California Health and Safety Code Section 19100 et seq. (Earthquake Protection Law), which requires that buildings be designed to resist stresses produced by natural forces caused earthquakes and wind.
3. GP 10.2-1, 10.2-b; The project shall comply with the California Building Code (CBC), requirements regulating grading activities including drainage and erosion control.
4. GP 10.2-h; The project shall comply with the City's NPDES permitting requirements by providing a grading and erosion control plan, including but not limited to the preparation of a Storm Water Pollution Prevent Plan and Erosion and Sediment Control Plan.
5. GP 10.2-a, 10.2-b, 10.2-g; The project shall comply with the California Building Code (CBC) requirements for specific site development and construction standards for specified soils types.

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
8. Greenhouse Gas Emissions - Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?		X		
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			X	



CITY OF TURLOCK INITIAL STUDY CHECKLIST

Response:

a), b) The proposed residential development is proposed on parcels zoned for the intended use, located in an urbanized area surrounded by a mix of residential uses.

Based on the CalEEMod 2020.40.0 analysis run on July 27, 2021, the project is located in an urbanized area surrounded residential uses in Climate Zone 3, wind speeds 2.2 m/s, and 46 days precipitation frequency. When the construction emissions and operational emissions were calculated in the respective CalEEMOD models, it was found that emissions would not exceed the established Air Quality Thresholds of Significance for both Construction and Operational Emissions for ROG (10 tons per year), NOx (10 tpy), PM 10 (15 tpy) & PM 2.5 (15 tpy) emissions.

Overall Construction Emissions

CalEEMOD 2020.4.0: ROG 1.3552 tpy, NOx 2.5079 tpy, CO 2.412 tpy SO2 5.200e-003 tpy, PM₁₀ .4393 tpy and PM_{2.5}0.2369 tpy.

Overall Operational Emissions

CalEEMOD 2020.4.0: ROG 1.1798 tpy, NOx .5158 tpy, CO 5.3989 tpy SO2 .0133 tpy, PM₁₀ .9034 tpy and PM_{2.5}.5281 tpy.

Additionally, the City of Turlock adopted an Air Quality and Greenhouse Gas Emissions Element demonstrating that the General Plan would reduce greenhouse gas emissions. Compliance with the State's greenhouse gas emissions targets for 2030 relied on the adoption of the regional Sustainable Communities Strategy (SCS). StanCOG's SCS has been adopted and was approved by the California Air Resources Board. Furthermore, StanCOG has found that the City of Turlock's General Plan complies with the SCS. This project is consistent with the General Plan and the NWTSP; therefore, the project is expected to have a less than significant impact on greenhouse gas emissions.

Sources: City of Turlock 2012 General Plan, Air Quality and Greenhouse Gases chapter; AB 32 Scoping Plan; 2014 Stanislaus Council of Governments Regional Transportation Plan and Sustainable Communities Strategy; Planned Development 278 CalEEMod Air Quality Analysis report dated July 27, 2021 available upon request.

Mitigation:

1. GP 8.1-b, 8.1-j, 8.1-l; The applicant shall comply with all applicable San Joaquin Valley Air Pollution Control District rules and regulations.

	Potentially Significant Impact	Less Than Significant Impact With	Less Than Significant	No Impact
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CITY OF TURLOCK INITIAL STUDY CHECKLIST

		Mitigation	Impact	
9. Hazards and Hazardous Materials - Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use or disposal of hazardous materials?			X	
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment?			X	
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?			X	
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?			X	
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 or excessive noise for people residing or working in the project area			X	
f) Impair implementation of, or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X	
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?				X
Response:				
a) b) and c) The residential development does not propose any industrial process or commercial operation that would create the risk of explosion or release of hazardous substances through the transport or accidental use of hazardous materials.				



CITY OF TURLOCK INITIAL STUDY CHECKLIST

<p>d) The General Plan EIR does not identify any active cleanup sites located on or near the project site. In addition, the project is not located on a site which is included in one or more Hazardous Waste and Substance Site List, compiled pursuant to California Government Code Section 65962.5. There are no evidence of recognized environmental conditions (REC), controlled RECs or historical RECs in conjunction with the subject site. The Phase I Environmental Site Assessment prepared by Quality Control Southwest Inc. on May 19, 2021 found there were no features and/or conditions indicating the presence or likely presence of hazardous substances.</p>
<p>e) The project site is not located within two miles of a public airport or public use airport and is not located within a planning area boundary for an airport. A private airstrip serving a local pilot is located at 2707 East Zeering Road (APN 073-004-004), approximately 0.75 miles north of the project site. The Stanislaus County Zoning Ordinance has established a 1,000 foot radius around the perimeter of a private strip as a clear area not suitable for most types of development. The project site is located outside of the 1,000 foot radius. Further, the Federal Aviation Administration (FAA) has established regulations for flight operations near built-up areas. Therefore, any future development of the project site with a residential subdivision will not result in a safety hazard for people residing in the area. However, noise generated from the operation of this airstrip may cause some degree of infrequent annoyance to future residents of this project site. Therefore, to disclose this information to future residents, the following notice shall be provided to potential property owners of this subdivision project: "This property is presently located in the vicinity of a private airstrip. For that reason, the property may be subject to some of the annoyances or inconveniences associated with proximity to aircraft operations (for example: noise and vibration). Individual sensitivities to those annoyances can vary from person to person. You may wish to consider what annoyances, if any, are associated with the property before you complete your purchase and determine whether they are acceptable to you."</p>
<p>f) The proposed project will not impair the implementation of an adopted emergency response/evacuation plan. The project generates traffic that is consistent with the projections contained within the Turlock General Plan EIR. The General Plan EIR found that anticipated growth, and the resulting traffic levels, would not impeded emergency evacuation routes or otherwise prevent public safety agencies from responding in an emergency.</p>
<p>g) There are no designated wildland fire areas within or adjoining the project site.</p>
<p>Sources: <i>City of Turlock, Emergency Operation Plan, 2017; Local Hazard Mitigation Plan, 2010-2015; Stanislaus County Airport Land Use Commission Plan, 1978, amended May 20, 2004, updated October 6, 2016; Stanislaus County Multi-Jurisdictional Hazard Mitigation Plan, updated 2016; City of Turlock, General Plan, Safety Element, 2012; City of Turlock, Municipal Code, Title 8, (Building Regulations) Phase I Environmental Site Assessment May 19, 2021</i></p>
<p>Mitigation:</p> <p>None required.</p>

	Potentially	Less Than	Less Than	No
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CITY OF TURLOCK INITIAL STUDY CHECKLIST

	Significant Impact	Significant Impact With Mitigation	Significant Impact	Impact
10. Hydrology and Water Quality – Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?		X		
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?			X	
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?		X		
i) 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?				
d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?			X	
e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?		X		



CITY OF TURLOCK INITIAL STUDY CHECKLIST

Response:

a) The proposed residential development will be required to comply with the Regional Water Quality Control Board's construction requirements to reduce the potential impact of pollution from water runoff at the time of construction and post-construction. Upon development, the project will be required to connect to City utility systems, including water and sewer; therefore, development of the project area would not result in water quality or waste discharge violations.

b) The proposed development lies within the City of Turlock. The City has developed an Urban Water Management Plan (UWMP) that evaluates the long-range water needs of the City including water conservation and other measures that are necessary to reduce the impact of growth on groundwater supplies. The project has been reviewed by the City of Turlock Municipal Services, the water provider for the City of Turlock, and no concerns were raised regarding the ability of the City to provide adequate potable water to the project.

c), d) and e) The City of Turlock requires that all development construct the necessary storm water collection systems to convey runoff to detention basins within the project area. Grading plans for construction within the project area will be reviewed to ensure compliance with the Regional Water Quality Control Board's regulations and the City's NPDES discharge permit. Grading and improvement plans for the project are required and will be reviewed by the Engineering Division to ensure that storm water runoff from the project area is adequately conveyed to the storm water collection system that will be implemented with the project.

The project site is not located in a flood area. The project does not involve property acquisition, management, construction or improvements within a 100 year floodplain (Zones A or V) identified by FEMA maps, and does not involve a "critical action" (e.g., emergency facilities, facility for mobility impaired persons, etc.) within a 500 year floodplain (Zone B). The entire City of Turlock is located in Flood Zone "X", according to FEMA. The City of Turlock's Community Number is 060392; Panel Numbers are: 0570E, 0600E, 0800E, 0825E. Revised update September 26, 2008.

The project site is located outside the Dam Inundation Area for New Don Pedro Dam and for New Exchequer Dam (the two inundation areas located closest to the City of Turlock Municipal Boundary).

Sources: *Federal Emergency Management Agency Floodplain regulations; City of Turlock, Storm Drain Master Plan, 1987; Turlock General Plan EIR, 2012; Turlock General Plan, 2012; City of Turlock, Water Master Plan Update, 2009; City of Turlock, Storm Water Master Plan, 2013; City of Turlock Urban Water Management Plan, 2010 (Adopted 2011), 2015 Updated Adopted in 2016; City of Turlock Sewer System Master Plan, 2013; City of Turlock, Municipal Code, Title 9, Chapter 2, Water Conservation Landscape Ordinance; Central Valley Regional Water Quality Control Board comment letter dated February 27, 2019.*



CITY OF TURLOCK INITIAL STUDY CHECKLIST

Mitigation:

1. GP 3.3-a, 3.3-f, The project shall connect to the City's Master Water and Storm Drainage System.
2. GP 3.3-o, 3.3-ae, 6.4-f, The project shall comply with the Regional Water Control Board's regulations and standards to maintain and improve groundwater and surface water quality. The applicant shall conform to the requirements of the Construction Storm Water General Permit and the Municipal Separate Storm Sewer System (MS4) Permit, including both Best Management Practices and Low Impact Development (post-construction) requirements.
3. If the project includes construction dewatering and it is necessary to discharge the groundwater to water of the United States, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit.
4. Site grading shall be designed to create positive drainage throughout the site and to collect the storm water for the storm water drainage system. If the project will involve the discharge of dredged or fill material in navigable waters or wetlands, a permit pursuant to Section 404 of the Clean Water Act may be needed from the United State Army Corps of Engineers (USACOE). If a USACOE permit or any other federal permit is required for this project due to the disturbance of water of the United States then a Water Quality Certification must be obtained from the Central Valley Water Board prior to the initiation of project activities. If the USCACOE determines that only non-jurisdictional water of the State are present in the proposed project are, the proposed project will require a Waste Discharge Requirements permit to be issued by the Central Valley Water Board.
5. The discharge of oil, gasoline, diesel fuel, or any other petroleum derivative, or any toxic chemical or hazardous waste is prohibited.
6. Materials and equipment shall be stored so as to ensure that spills or leaks cannot enter storm drains, or the drainage ditches or detention basins.
7. A spill prevention and cleanup plan shall be implemented.
8. GP 3.3-ae, The builder and/or developer shall utilize cost-effective urban runoff controls, including Best Management Practices (BMP's), to limit urban pollutants from entering the drainage ditches. A General Construction permit shall be obtained from the State Water Resources Control Board, a Storm Water Pollution Prevention Plan (SWPPP) shall be prepared and implemented as part of this permit.

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
11. Land Use Planning – Would the project:				
a) Physically divide an established community?				X



CITY OF TURLOCK INITIAL STUDY CHECKLIST

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?			X	
Response: a) The proposed project will not physically divide an established community. The project is located in an urbanized area and surrounded by a mix of residential uses the project is proposed to be constructed on a parcel zoned for the intended use. The project is located within the East Tuolumne Master Plan area identified in the City of Turlock General Plan and is consistent with that development plan. a)				
b) The proposed project is a residential subdivision proposed to be constructed on a parcel designated for Residential uses. The proposed use and density is consistent with the General Plan and East Tuolumne Master Plan and the RE zoning for the property.				
Sources: <i>Turlock General Plan, 2012 & Adopted Housing Element, 2014-23; City of Turlock General Plan EIR, 2012; Turlock Municipal Code, Title 9, Chapter 3; US Fish and Wildlife Service – Recovery Plan for Upland Species of the San Joaquin Valley, 1998</i>				
Mitigation: None required.				

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
12. Mineral Resources – Would the project:				
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?				X
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?				X



CITY OF TURLOCK INITIAL STUDY CHECKLIST

<p><u>Response:</u> a), b) Any development that may ultimately occur in the City does result in the utilization of natural resources (water, natural gas, construction materials, etc.); however, these resources will not be depleted by this project. The only known mineral resources within the City of Turlock are sand and gravel from the Modesto and Riverbank formations. The project will result in only minor excavation of the site.</p>
<p><u>Sources:</u> <i>City of Turlock, General Plan, Conservation Element, 2012</i></p>
<p><u>Mitigation:</u> None required.</p>

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
13. Noise – Would the project result in:				
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?		X		
b) Generation of excessive groundborne vibration or groundborne noise levels?			X	
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?			X	



CITY OF TURLOCK INITIAL STUDY CHECKLIST

Response:

a) The project area is not located in an existing or future noise contour area as identified by the Turlock Area General Plan EIR. A future expressway connection may be constructed east of the project site near Waring Road but the exact location and timing are unknown at this time. The potential impact and mitigation required for construction of the expressway will be analyzed as part of that project. The proposed residential development is located in a partially urbanized area and is surrounded by residential uses. The residential uses are sensitive receptors and the project will increase existing ambient noise levels associated with development of an undeveloped property. Typical ongoing noise would most likely be generated by mechanical equipment such as heating, ventilation, and air-conditioning equipment. The General Plan and City Noise Ordinance (TMC 5-28-100ART) establish noise standards that must be met for all new development. The proposed residential development is not anticipated to generate noise levels in excess of the standards established in the General Plan or City Noise Ordinance. Furthermore, the project is subject to the City's noise ordinance which prohibits construction on weekdays from 7:00 p.m. to 7:00 a.m., on weekends and holidays from 8:00 p.m. to 9:00 a.m. Turlock's Noise Ordinance (TMC 5-28-100ART) standards and enforcement mechanisms would apply.

b) Project-related construction will result in short-term increases in noise levels and vibration on and immediately surrounding the project site. The standards of Turlock's Noise Ordinance (TMC5-28-100ART) are applicable to the development during construction and occupancy. The City's ordinance addresses both temporary construction-related noise as well as ongoing noise from equipment and other operations of this facility. The project is subject to the City's noise ordinance which prohibits construction on weekdays from 7:00 p.m. to 7:00 a.m., on weekends and holidays from 8:00 p.m. to 9:00 a.m. The project is subject to the City's noise ordinance which requires reduced noise levels from 10:00 p.m. to 7:00 a.m.



CITY OF TURLOCK INITIAL STUDY CHECKLIST

c) The project site is not located within two miles of a public airport or public use airport. Therefore, the project will not be impacted by noise from the operations of any public or airport. A private airstrip serving a local pilot is located at 2707 East Zeering Road (APN 073-004-004), approximately 0.75 miles north of the project site. The Stanislaus County Zoning Ordinance has established a 1,000 foot radius around the perimeter of a private strip as a clear area not suitable for most types of development. The project site is located outside of the 1,000 foot radius. Further, the Federal Aviation Administration (FAA) has established regulations for flight operations near built-up areas. Therefore, any future development of the project site with a residential subdivision will not result in a safety hazard for people residing in the area. However, noise generated from the operation of this airstrip may cause some degree of infrequent annoyance to future residents of this project site. Therefore, to disclose this information to future residents, the following notice shall be provided to potential property owners of this subdivision project: "This property is presently located in the vicinity of a private airstrip. For that reason, the property may be subject to some of the annoyances or inconveniences associated with proximity to aircraft operations (for example: noise and vibration). Individual sensitivities to those annoyances can vary from person to person. You may wish to consider what annoyances, if any, are associated with the property before you complete your purchase and determine whether they are acceptable to you."

Sources: *City of Turlock, General Plan, Noise Element, 2012; City of Turlock, Municipal Code, Title 9, Chapter 2, Noise Regulations; Stanislaus County Airport Land Use Commission Plan, as Amended May 20, 2004, updated October 6, 2016; Merced County Airport Land Use Compatibility Plan, June 12, 2012; Turlock General Plan, Circulation Element, 2012;*

Mitigation:

1. GP 9.4-I, TMC§5-28ART; Compliance with the standards of the City of Turlock's Noise Ordinance (TMC5-28-100ART).

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
14. Population and Housing – Would the project:				
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)?				X



CITY OF TURLOCK INITIAL STUDY CHECKLIST

b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?				X
Response:				
a) The proposed project is a residential development proposed on property currently zoned for Residential uses. The project will develop within the allowed density range. No new expanded infrastructure is proposed that could accommodate additional growth in the area that is not already possible with existing infrastructure, so no indirect population growth will occur. The proposed project would not directly or indirectly cause expansion of the area beyond what is planned in the Turlock General Plan.				
b) The property is currently Master Planned and zoned for Residential use. The proposed project would not displace substantial numbers of existing housing, and would not displace substantial numbers of people necessitating the construction of replacement housing elsewhere. The project site is surrounded by existing urban uses and all roads and infrastructure are immediately available along the property frontage.				
Sources: <i>City of Turlock, General Plan, 2012 & Housing Element, 2016;</i>				
Mitigation:				
None required.				

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
15. Public Services – Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities, need for new or physically altered government 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:				
a) Fire Protection?		X		
b) Police Protection?		X		
c) Schools?			X	
d) Parks?			X	



CITY OF TURLOCK INITIAL STUDY CHECKLIST

e) Other public facilities?		X		
Response:				
<p>a) The residential project is located in an urbanized area. The project site is surrounded by a mix of residential uses. The Turlock Fire Department provides fire and emergency response within the city limits. The Fire Department operates four fire stations located to maximize efficiency and help reduce response times. The Fire Department reviews all development applications to determine the adequacy of fire protection for the proposed development. This project will not have a significant impact on fire response times and will not otherwise create a substantially greater need for fire protection services than already exists. The Fire Department has commented on this project and has not indicated that the development could not be adequately served or would create an impact on the ability of the Department to serve the City as a whole. The Turlock Municipal Code and the State Fire Code establish standards of service for all new development in the City. Those standards and regulations are applicable to the project. The project will also be required to annex into CFD #2 to offset the ongoing costs residential projects have on fire services.</p>				
<p>b) Development of the project will not result in any unique circumstances that cannot be handled with the existing level of police resources. The Police Department was routed the project and did not indicate that the development of the project could not be adequately served. No new or expanded police facilities will need to be constructed as a result of this project. Therefore, it is anticipated the impacts from the development of the property on police services will be less-than-significant. The developer will be required to pay Capital Facilities Fees upon development, a portion of which is used to fund Police Service capital improvements. The project will also be required to annex into CFD #2 to mitigate the ongoing costs the residential development will have on police services.</p>				
<p>c) Under the Leroy F. Greene School Facilities Act of 1998, the satisfaction by the developer of his statutory fee under California Government Code Section 65995 is deemed "full and complete mitigation" of school impacts. Therefore, mitigation of impacts upon school facilities shall be accomplished by the payment of the fees set forth and established by the Turlock Unified School District.</p>				
<p>d) Demand for park and recreational facilities are generally the direct result of residential development. The development is consistent with the number of residential units anticipated in the General Plan for this property and therefore has the demand for park and recreational facilities of these units has been planned for in the General Plan and will not result in a significant increase in the use of existing neighborhood or regional parks beyond what was anticipated in the General Plan EIR.</p>				
<p>e) The City has prepared and adopted a Capital Facility Program that identifies the public service needs of roads, police, fire, and general government that will be required through build-out of the General Plan area. This program includes the collection of Capital Facility Fees from all new development. Development fees are also collected from all new development for recreational lands and facilities. Conditions of development will require payment of these fees and charges, where appropriate and allowed by law.</p>				



CITY OF TURLOCK INITIAL STUDY CHECKLIST

Sources: Stanislaus County, *Public Facilities Plan*; City of Turlock, *Capital Facility Fees Program*, *City of Turlock Capital Improvement Program (CIP)*; Turlock Unified School District, *School Facilities Needs Analysis*; City of Turlock, *General Plan, Parks and Recreational Open Space and Safety Elements, 2012*;

Mitigation:

1. GP 10.4-d; The applicant, developer or successor in interest shall pay all applicable Citywide Capital Facility for public facility service improvements.
2. GP 10.4-d; Prior to the issuance of a building permit, the developer shall pay the applicable development-related school impact fees to fully mitigate its impacts upon school facilities pursuant to California statutes.
3. The property shall annex into CFD #2

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

Response:

a) and b) The proposed residential development is consistent with the Residential zoning and General Plan designation of the property. Park fees will be paid as part of the development. The development of the will not result in a significant increase in use of existing neighborhood or regional parks beyond what has been anticipated in the General Plan EIR.

Sources: City of Turlock General Plan 2012; City of Turlock Parks Master Plan, 2003;

Mitigation:

None required.



CITY OF TURLOCK INITIAL STUDY CHECKLIST

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
17. Transportation —Would the project:				
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?		X		
b) Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?			X	
c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
d) Result in inadequate emergency access?			X	

Response:

a) and b) The proposed residential development is proposed on a parcel currently zoned for Residential use. The project site is surrounded by a mix of residential uses. Access to the project will be provided by the existing roadway system.

The proposed development is consistent with the density allowed and anticipated in the East Tuolumne Master Plan as well as the General Plan.

The City has adopted a Capital Facility Program with traffic improvements planned for build out of the General Plan. The City Engineer has reviewed the proposed traffic circulation pattern for the area and evaluated its potential impact on the operation of the local roadways serving the site, and has determined current roadway improvements can adequately accommodate the vehicular traffic generated by the project.

A condition of each new development is payment of a Citywide Capital Facility Fee, a portion of which is used to fund circulation improvements required for cumulative impacts added by development. The mitigation measures identified in the General Plan EIR and the Statement of Overriding Considerations are adequate to mitigate the transportation and traffic impacts associated with the project. Therefore, no significant traffic issues will be generated by the project.



CITY OF TURLOCK INITIAL STUDY CHECKLIST

c) The project is located in a residential Master Plan area. The project site is accessed using the existing roadway system. Any required frontage improvements must meet current City standards. The proposed project will not increase hazards due to a geometric design feature (e.g. sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment).

d) The Turlock Fire Department reviews all development proposals for adequate emergency access. The project will either meet or exceed the Fire Department needs for emergency vehicle access throughout the project site.

Sources: *City of Turlock, Capital Improvement Program (CIP); City of Turlock, General Plan, 2012; StanCOG, Regional Transportation Plan and Sustainable Communities Strategy, 2014; Stanislaus Assn. of Governments, Congestion Mgmt. Plan, 1992; City of Turlock, Municipal Code, Title 9, Chapter 2, Rental Storage Facility, and California Green Building Code, ITE Trip Generation Manual 10th Edition.*

Mitigation:

1. GP 5.2i - The applicant, developer or successor in interest shall pay all applicable Citywide Capital Facility Fees for transportation improvements. These include the development of new bicycle and pedestrian facilities, traffic calming, traffic management, and other projects to improve air quality and reduce congestion, as well as roadway, intersection and interchange improvements.

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
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18. Tribal Cultural Resources -

a) Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the 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 defined in Public Resources Code section 5020.1(k), or			X	
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CITY OF TURLOCK INITIAL STUDY CHECKLIST

ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 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.			X	
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Response:
 a) The Turlock General Plan EIR found that there are no known Native American cultural resources within the City of Turlock. The property is not listed or eligible for listing on the California Register of Historical Resources. In compliance with AB52 notices were sent to the North Valley Yokuts Tribe on July 14, 2020 with the project description. The Torres Martinez Desert Cahuilla Tribe sent a letter to the City of Turlock on April 19, 2017 formally asking the City to remove them from future project notifications. The City of Turlock has not received comments on the project from the North Valley Yokuts Tribe.

Sources: *Turlock General Plan, Conservation Element, 2012; City of Turlock General Plan EIR, 2012; Cultural Resources Records Search, 2008;*

Mitigation:

 None required.

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
19. Utilities and Service Systems – Would the project:				
a) Require or result in the relocation or 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?		X		
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?		X		



CITY OF TURLOCK INITIAL STUDY CHECKLIST

c) Result in a determination by the wastewater treatment provider which services or may serve the project determined that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?			X	
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?			X	
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?			X	

Response:

a)and b) The project is proposed on parcels zoned and Master Planned for residential uses. The project site has access to existing infrastructure including water, wastewater and storm water drainage facilities. The proposed project will not exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board. Sewer, or wastewater, systems are currently available to the site. The type of wastewater anticipated by the project is readily handled by the current waste water system. The proposed project will not result in the need to construct a new water or wastewater treatment facility. The existing water and wastewater facilities which serve the City of Turlock are sufficient to serve this use. The project site has access to existing electric power, natural gas, and telecommunications and will not require or result in the construction of new or expanded facilities.



CITY OF TURLOCK INITIAL STUDY CHECKLIST

b)and c) The project site is within the boundaries of the City of Turlock's Storm Water Master Plan and Urban Water Management Plan. The project is consistent with the General Plan land use and growth assumptions that were used to update the City's Urban Water Management Plan. The applicant must construct any project-related water infrastructure to ensure adequate water service to City of Turlock standards. Mitigation of the increasing demand for storm water facilities will be through the owner, or successor in interest, paying storm drainage fees, and constructing any project-related storm drain infrastructure to ensure adequate storm drainage, as determined necessary by the City Engineer. Furthermore, mitigation measures requiring the payment of the Specific Plan and City Wide fees is adequate to mitigate a project's impacts upon the storm water collection and treatment system because it ensures adequate capacity and infrastructure is available. This development is consistent with what has been anticipated in the General Plan and planned for in the Storm Water Master Plan.

Mitigation of the need for the alteration to water systems will be through the requirement that the applicant, prior to the issuance of building permits, pay the adopted water connection fees, reflecting the pro rata share of the necessary improvements to the existing City water system for each new water user. This is a standard condition of all development in Turlock. Furthermore, a condition of each new development is payment of a Capital Facility Fee, a portion of which is used to fund water improvements.

d) The project site is within the boundaries of the City of Turlock's Water Master Plan and Urban Water Management Plan. The project is consistent with the General Plan land use and growth assumptions that were used to update the City's Urban Water Management Plan. The applicant must construct any project-related water infrastructure to ensure adequate water service to City of Turlock standards. Mitigation of the need for the alteration to water systems will be through the requirement that the applicant, prior to the issuance of building permits, pay the adopted water connection fees, reflecting the pro rata share of the necessary improvements to the existing City water system for each new water user. This is a standard condition of all development in Turlock. Furthermore, a condition of each new development is payment of a Capital Facility Fee, a portion of which is used to fund water improvements.

e) Solid waste will be of a domestic nature and will comply with all federal, State and local statutes. Upon completion of the project, the property owner(s), or successor(s) in interest shall contract with the City of Turlock's designated waste hauler, Turlock Scavenger, for solid waste disposal. Turlock Scavenger has an adopted waste diversion/recycling program which has resulted in waste diversion exceeding state-mandated California Integrated Waste Management Board timeframes under Public Resources Code 41000 et seq. The project is required to install a trash enclosure that will accommodate recycled materials. Sufficient capacity remains for the additional solid waste needs to support this project.



CITY OF TURLOCK INITIAL STUDY CHECKLIST

Sources: *City of Turlock, Capital Improvement Program (CIP); City of Turlock, General Plan, 2012; City of Turlock, Water Master Plan Update, 2009; City of Turlock, Waste Water Master Plan, 1991; City of Turlock, Storm Water Master Plan, 2013; City of Turlock Urban Water Management Plan, 2016; City of Turlock Sewer System Master Plan, 2013, Central Valley Regional Water Quality Control Board comment letter dated February 27, 2019.*

Mitigation:

1. GP 3.3-k, 3.3-u, 4.3-c; The developer or successor in interest shall pay the City of Turlock's Capital Facility Fee and infrastructure master plan fees.

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
20. Wildfire - If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a) Substantially impair an adopted emergency response plan or emergency evacuation plan?			X	
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?				X
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?				X
d) Expose people or structure to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?				X
Response:				
a) The proposed project will not impair the implementation of an adopted emergency response/evacuation plan. The project generates traffic that is consistent with the projections contained within the Turlock General Plan EIR. The General Plan EIR found that anticipated growth, and the resulting traffic levels, would not impeded emergency evacuation routes or otherwise prevent public safety agencies from responding in an emergency.				
b), c), and d) There are no wildlands or steep slopes in the City of Turlock, making the risk of wildland fire low; likewise, the Turlock General Plan notes the city topography as flat urbanized or agricultural land with a low fire risk. The California Department of Forestry and Fire Protection's Fire and Resource Assessment Program (FRAP) designates the City of Turlock as a				



CITY OF TURLOCK INITIAL STUDY CHECKLIST

Low Risk Area (LRA). There are no rivers, lakes or streams located within the City of Turlock that would expose people or structures to significant risks of flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes.

Sources: *City of Turlock, Emergency Operation Plan, 2017; Local Hazard Mitigation Plan, 2010-2015; Stanislaus County Multi-Jurisdictional Hazard Mitigation Plan, updated 2016 City of Turlock, General Plan, Safety Element, 2012;*

Mitigation:

None

	Potentially Significant Impact	Less Than Significant Impact With Mitigation	Less Than Significant Impact	No Impact
21 Mandatory Findings of Significance				
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?			X	
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 the past projects, the effects of other current projects, and the effects of probable future projects)?			X	
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?			X	



CITY OF TURLOCK INITIAL STUDY CHECKLIST

The proposed residential subdivision is proposed on a property zoned and Master Planned for residential uses within the City surrounded by residential uses, on a property zoned for Very Low Density Residential uses. As discussed in Section 1, no scenic vistas, scenic resources, or the visual character of the area will be substantially impacted and the project will not result in excessive light or glare. The project site is located within an urbanized area and surrounded by urban uses. No evidence of significant historic or cultural resources were identified on or near the project site. As a result of many years of agricultural production virtually all of the land in the General Plan area has been altered.

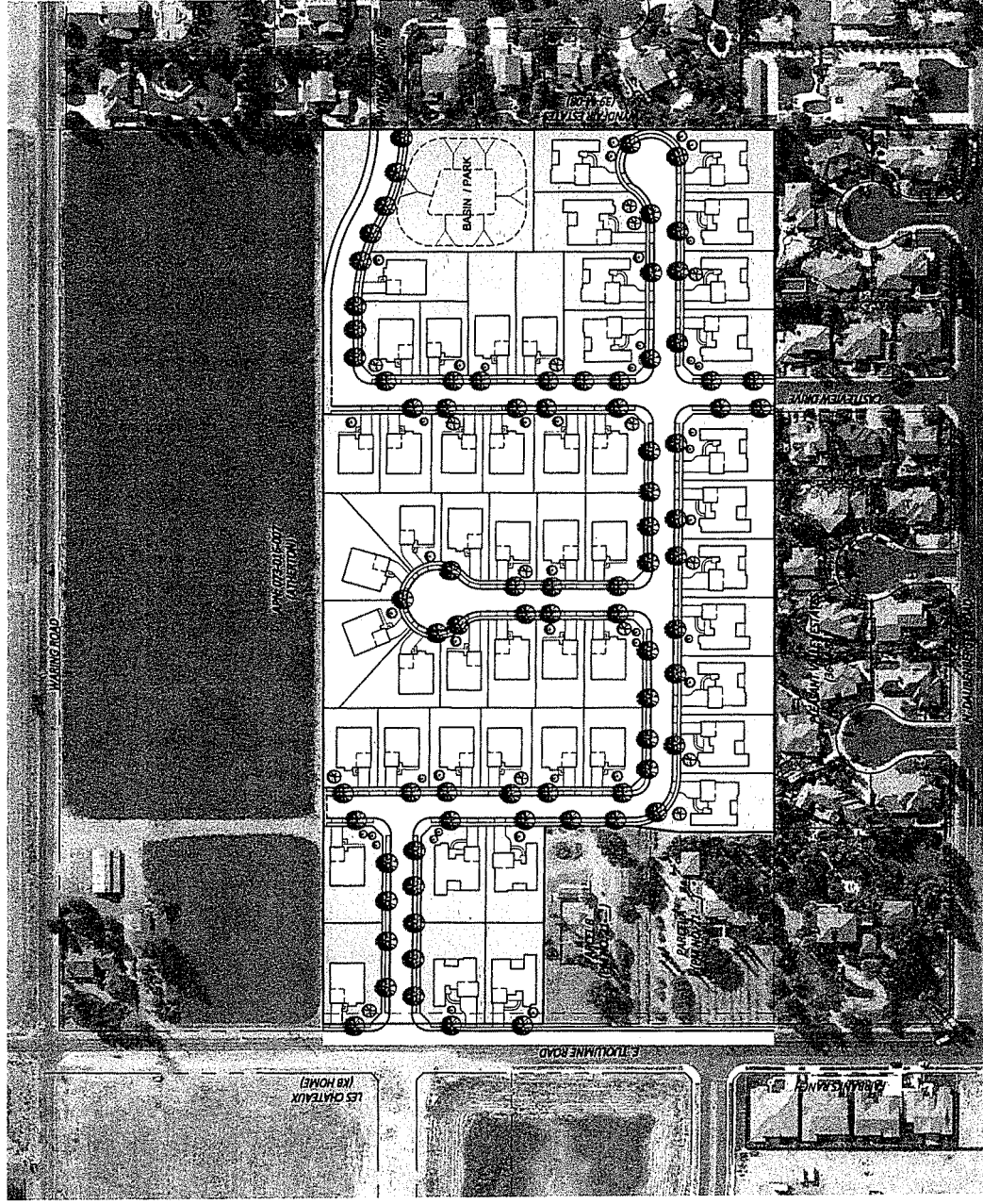
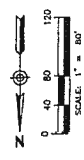
The project site is not known to have any association with an important example of California's history or prehistory. Construction-phase procedures will be implemented in the event an archaeological or cultural resource is discovered consistent with the Mitigation Measures contained in Sections 4. As discussed in Section 4, there are no rivers, lakes or streams located within the City of Turlock; therefore, the project would have no impact on riparian habitats or species.

The context for assessing air quality impacts is the immediate project vicinity with respects to emissions generated by the construction and operation of the proposed project. The environmental analysis provided in Section 3 concludes that operational and construction emissions would not exceed the air quality thresholds established by the San Joaquin Valley Air Pollution Control District (SJVAPCD).

Furthermore, Mitigation Measures identified in Sections 3 & 8 would reduce potential impacts to less-than-significant levels.

Mitigation measures for any potentially significant project-level impacts have been included in this document and will reduce the impacts to less-than-significant levels. Based on the analysis above, the City finds that impacts related to environmental effects that could cause adverse effects on human beings would be less than significant.

PLANNED DEVELOPMENT FOR:
BALISHA RANCH
 CITY OF TURLOCK, STANISLAUS COUNTY, CALIFORNIA

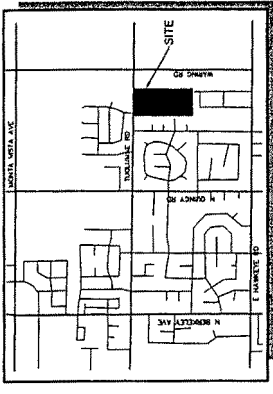


MAY 2021

PLANNED DEVELOPMENT
 SITE PLAN & DEVELOPMENT STANDARDS
BALISHA RANCH
 CITY OF TURLOCK, STANISLAUS COUNTY, CALIFORNIA

WOODWARD PARTNERS, LLC

130 AKIA LOOP - DANVILLE, CA 94522
 925.393.8111 - COLTA@WOODWARD.COM



VICINITY MAP

PLANNED DEVELOPMENT STANDARDS	
EXISTING ZONING (VALDR)	PROPOSED ZONING (PD)
3	3
GENERAL DEVELOPMENT	
MAX. DENSITY (DU/AC)	7500 (10,643 AVG)
MIN. LOT AREA	90 (62.9 AVG)
MIN. LOT WIDTH	100 (127.8 AVG)
MIN. LOT DEPTH	60
CUL-DE-SAC FRONTAGE	30%
LANDSCAPE COVERAGE	30%
SETBACKS	
FRONT	20
LIVING SPACE (1ST STORY)	20 (24 AVG)
LIVING SPACE (2ND STORY)	25
GARAGE	25 (29 AVG)
INTERIOR SIDE	
PORCH	10
LIVING SPACE	10
GARAGE	10
REAR	
LIVING SPACE (1ST STORY)	20
LIVING SPACE (2ND STORY)	20
GARAGE	30
REAR	20 (27.4 AVG)
LIVING SPACE	10
GARAGE	20

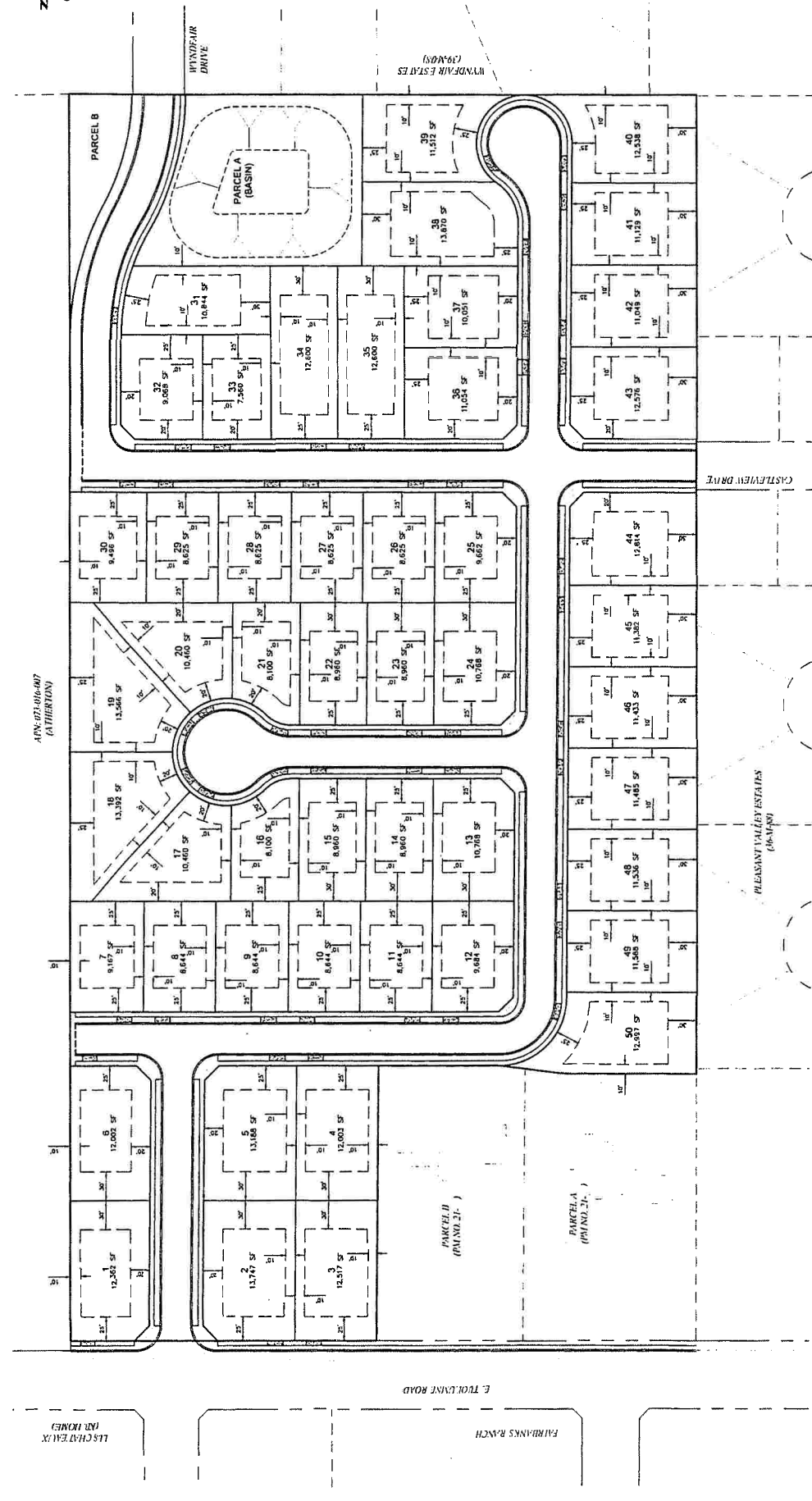
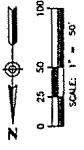
PLANNED DEVELOPMENT NOTES

1. ARCHITECTURAL HOUSE FOOTPRINTS ARE SHOWN FOR REFERENCE ONLY. PROJECT SHALL BE CONDITIONED TO DESIGN REVIEW PRIOR TO BUILDING PERMIT ISSUANCE.
2. INDIVIDUAL LOT SETBACKS SHALL BE SUBJECT TO PRECISE SETBACKS SHOWN ON SHEET PD02.
3. LANDSCAPING SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY AND SHALL BE SUBJECT TO DESIGN REVIEW PRIOR BUILDING PERMIT ISSUANCE.

SHEET INDEX

PD01 SITE PLAN & DEVELOPMENT STANDARDS
 PD02 LOT SPECIFIC SETBACKS

PD0



APN 071-016-007
(GATHERTON)

LS CHATEAU
(N. HOME)

FAIRBANKS RANCH

PLEASANT VALLEY ESTATES
(CANYON)

MAY 2021

**PLANNED DEVELOPMENT
LOT SPECIFIC MINIMUM SETBACK PLAN**

BALISHA RANCH
CITY OF TURLOCK, STANISLAUS COUNTY, CALIFORNIA

**WOODWARD
PARTNERS, LLC**

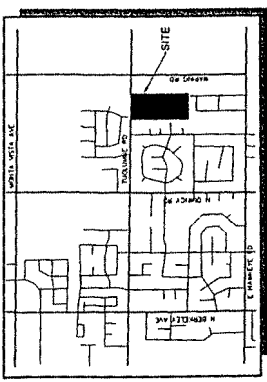
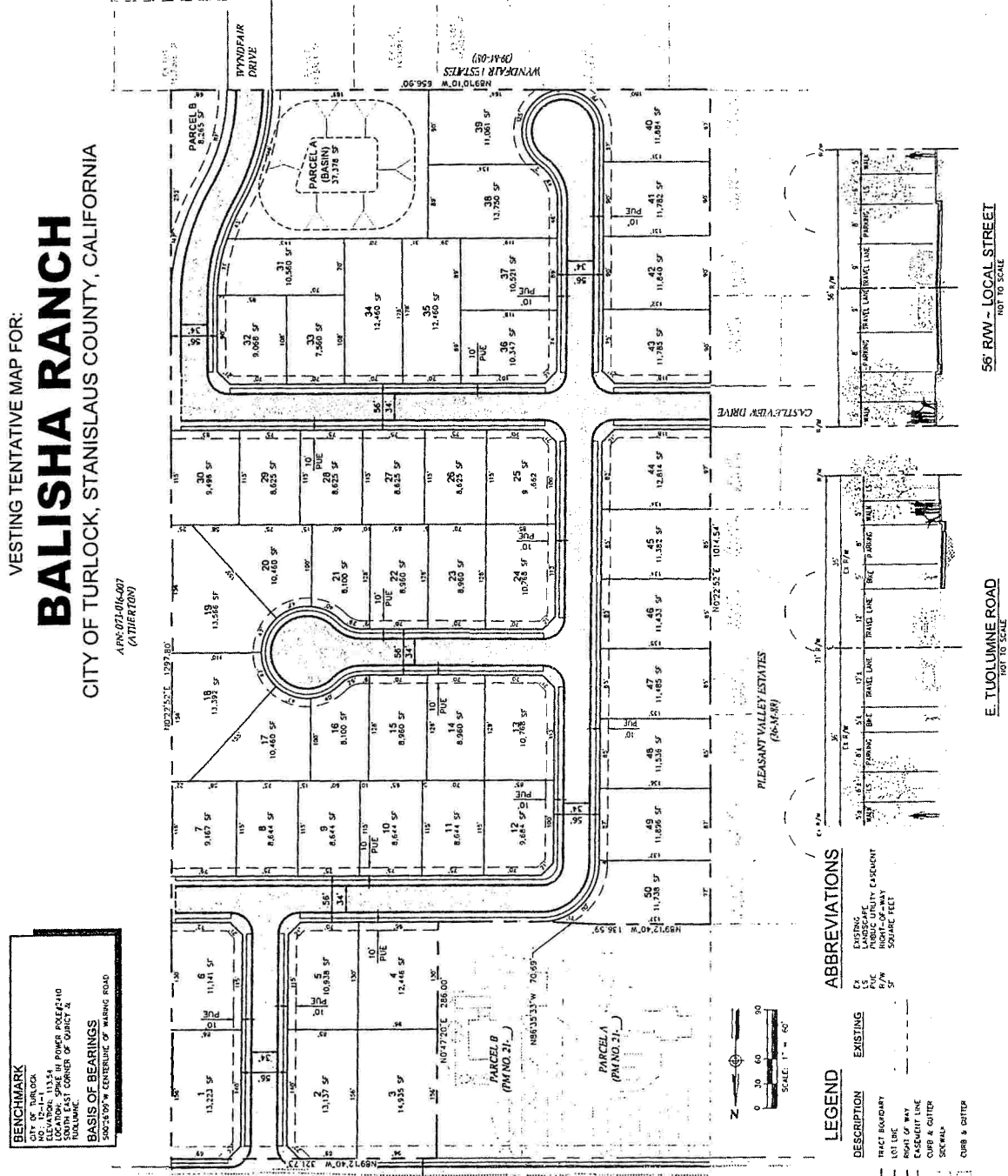
100 JARVIS DRIVE - DANVILLE, CA 94526
925.352.3811 - CONTACT@WOODWARD.COM

PD002

VESTING TENTATIVE MAP FOR:
BALISHA RANCH
 CITY OF TURLOCK, STANISLAUS COUNTY, CALIFORNIA

BENCHMARK
 CITY OF TURLOCK
 LOCATION: 11334
 ELEVATION: 113.54
 LOCATION: POSE IN POWER POLE #210
 LOCATION: POSE IN CORNER OF QUARTY 4
 TURLOCK
BASIS OF BEARINGS
 S90°25'09"W CENTRELINE OF WASHINGTON ROAD

APP: 071-014-007
 (ATTHERTON)



PROJECT NOTES:

- OWNER/DEVELOPER: CHARLIE BALISHA & CAIL BALLAS
 2335 E. TUOLUMNE ROAD
 TURLOCK, CA 95234
 WOODWARD PARTNERS, LLC
 100 ALBA LOOP
 DANVILLE, CA 94506
- DEVELOPER/APPLICANT: CONTACT: COYI ALVAREZ, (925) 301-2811
 CONTACT: BEN BAZAR, (925) 606-4479
 COYI ALVAREZ, PE #75750
 LLO ALBA LOOP
 DANVILLE, CA 94506
 (925) 393-2811
- CIVIL ENGINEER: PROPOSED: 50 AND 2 PARCELS
 GROSS: 17.4 ACRES
 NET: 17.4 ACRES
 2.87 DU/AC
 10,745 SF (AVERAGE)
 EXISTING: AGRICULTURE & 2 HOMES
 PROPOSED: SINGLE FAMILY RESIDENTIAL
 EXISTING: VERY LOW DENSITY RESIDENTIAL
 (0.2-3 UNITS/ACRE)
 PROPOSED: VERY LOW DENSITY RESIDENTIAL
 (0.2-3 UNITS/ACRE)
 EXISTING: ETWP VERT; LOW DENSITY RESIDENTIAL
 PROPOSED: PLANNED DEVELOPMENT
 WATER - CITY OF TURLOCK
 SEWER - CITY OF TURLOCK
 STORM DRAIN - CITY OF TURLOCK
 GAS - POSE
 ELECTRIC - TURLOCK IRRIGATION DISTRICT
 TELEPHONE - TURLOCK IRRIGATION DISTRICT
 CABLE TV - CHARTER COMMUNICATIONS
- TOTAL LOTS: 071-016-006
- SITE AREA: THE BALISHA RANCH, 17.4 ACRES, IS THE SUBJECT PARCEL OF PARCEL MAP NO. 21-1, RECORDED IN BOOK 10, PAGE 10, STANISLAUS COUNTY RECORDS.
- DENSITY: EXISTING TOPOGRAPHY SHOWN IS BASED ON A FIELD SURVEY PERFORMED BY R. BEHREND, REGISTERED PROFESSIONAL SURVEYOR, AND DATE 08/11/2006.
- LOT AREA: EXISTING TOPOGRAPHY
- USE: C.O.D.
- GENERAL PLAN: LOTTING PLAN
- ZONING: PRELIMINARY GRADING, DRAINAGE & UTILITY PLAN
- UTILITIES: PRELIMINARY STORMWATER CONTROL PLAN
- LEGAL DESCRIPTION: 071-016-006
- EXISTING TOPOGRAPHY: EXISTING TOPOGRAPHY SHOWN IS BASED ON A FIELD SURVEY PERFORMED BY R. BEHREND, REGISTERED PROFESSIONAL SURVEYOR, AND DATE 08/11/2006.

SHEET INDEX

C.O.D. LOTTING PLAN
 C.0.0 PRELIMINARY GRADING, DRAINAGE & UTILITY PLAN
 C.0.1 PRELIMINARY STORMWATER CONTROL PLAN

C.O.0

WOODWARD PARTNERS, LLC
 100 ALBA LOOP - DANVILLE, CA 94506
 925.393.2811 - CDD@WOODWARD.COM

LEGEND

PROPOSED	DESCRIPTION	EXISTING
(Symbol)	TRACT BOUNDARY	(Symbol)
(Symbol)	LOT LINE	(Symbol)
(Symbol)	ROAD OF WAY	(Symbol)
(Symbol)	EASEMENT LINE	(Symbol)
(Symbol)	CURB & GUTTER	(Symbol)
(Symbol)	SEWER	(Symbol)
(Symbol)	CURB & DITCH	(Symbol)

ABBREVIATIONS

ES	EXISTING
LS	LANDSCAPE
PL	PLANTING
PA	PROPAGANDA
SA	SQUARE FEET

56' R/W - LOCAL STREET
 NOT TO SCALE

E. TUOLUMNE ROAD
 NOT TO SCALE

APRIL 2021

VESTING TENTATIVE MAP
 LOTTING PLAN

BALISHA RANCH
 CITY OF TURLOCK, STANISLAUS COUNTY, CALIFORNIA

FLOOD CONTROL STORMWATER ANALYSIS
 Storm Drainage Retention/Infiltration Analysis

Project: [Redacted]
 Date: 03/21/2021
 Designer: [Redacted]

VCMA/11
 A₁₀₀ = 1.04 (IMAP/ISN)

100 Year Return Period
 C (Impervious) = 0.4
 C (Pervious) = 0.1
 V (Volume, InCH) = 1.78
 V (Volume, Feet) = 73.794

50 Year Return Period
 C (Impervious) = 0.4
 C (Pervious) = 0.1
 V (Volume, InCH) = 1.39
 V (Volume, Feet) = 56.231

Basin Analysis
 Top Area (SQ) = 16,000
 Bottom Area (SQ) = 5,311
 Volume (CU) = 10,689
 V (Volume, Feet) = 73.794

Retention Rate (C) = 0.22
 Precipitation Rate (C) = 0.09
 Surface Area of V₁₀₀ = 15,476
 Percolation Time (V₁₀₀) = 14.51 < 48

Retention Rate (C) = 0.22
 Precipitation Rate (C) = 0.09
 Surface Area of V₅₀ = 15,476
 Percolation Time (V₅₀) = 14.51 < 48

NATS

CONSTRUCTION
 IMPROVEMENTS
 FLOOD CONTROL

North American Technical Services

April 30, 2021

Client: Mr. Tom Lash
 Woodward Partners LLC
 13500 Wilshire Blvd.
 Los Angeles, CA 90049

Subject: Updated Precipitation Test Report - 2018 E. Tuolumne Rd., Turlock, California

The 2018 ATC 201 - Area of North American Technical Services conducted two (2) precipitation tests at the site. The tests were performed in accordance with Standard County requirements for preparing and presenting the test in the test book. After presentation, we determined the test results were as follows:

At the completion of the test, a depth of 1.31 feet below the existing grade. Groundwater was not encountered.
 Precipitation test results are as follows:

Time	Depth	Precipitation Rate	Observed Absorption Rate
P1	1.00 ft	10.0 in/hr	19.2 gal./sq.ft./day
P2	0.50 ft	5.0 in/hr	12.2 gal./sq.ft./day
P3	0.25 ft	2.5 in/hr	12.2 gal./sq.ft./day

The Observed Absorption Rate at the measured time and date did not include any collection factor.
 Design Depth = 1.00 ft
 Design Absorption Rate = 19.2 gal./sq.ft./day

Design Absorption Rate is the average of the observed test measured.
 Monthly Infiltration = 1.31 ft

North American Technical Services

Tom Lash
 Senior Project Manager

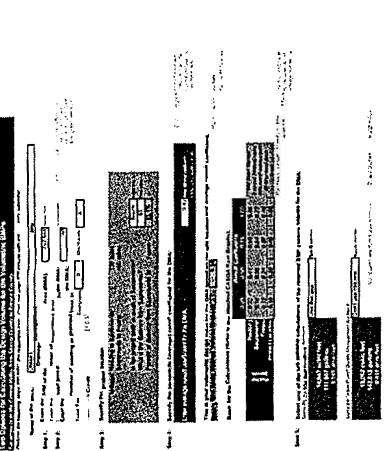
6733 CENTERWAY WAY • SUITE 4 • MODOCITO, CALIFORNIA 95354 • 916-545-1108

C2.0

WOODWARD PARTNERS, LLC

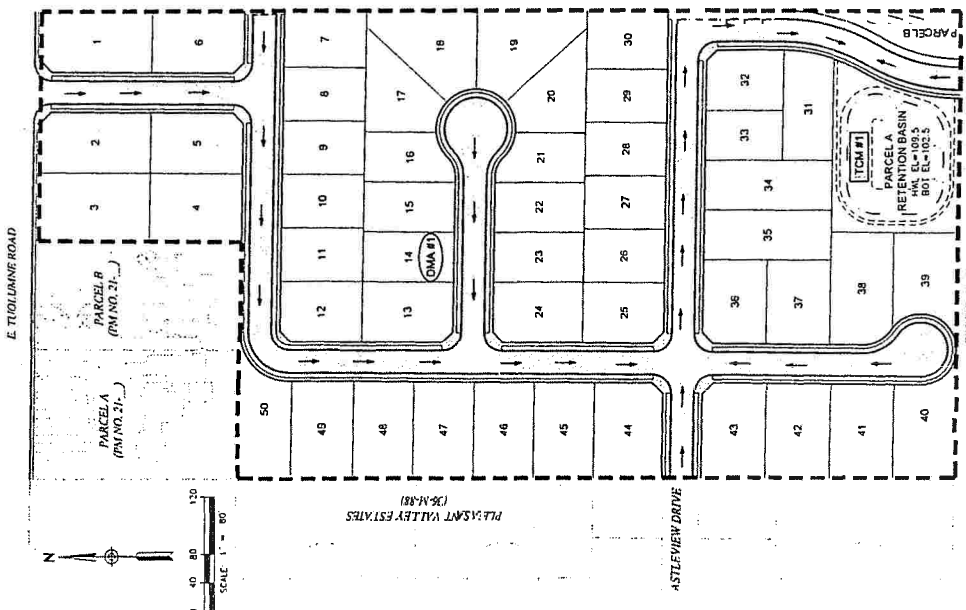
13500 WILSHIRE BLVD., SUITE 400
 LOS ANGELES, CA 90049
 916-545-1108

POST-CONSTRUCTION LID STORMWATER MANAGEMENT



LES CHATEAUX (N/B HUNTER)

FAIRBANKS RANCH



PARCEL B

PARCEL A

WYNDHUR DRIVE

LEGEND:

- OMA #5 DRAINAGE MANAGEMENT AREA #5
- TOM #5 TREATMENT CONTROL MEASURE IDENTIFICATION BASH
- DRAINAGE MANAGEMENT AREA BOUNDARY

EXISTING SITE NOTES:

1. EXISTING SURVEYS AREA - 0.5'
2. SOIL INFILTRATION RATE (MATS PERCOLATION TEST, APRIL, 2021)
3. 16.7 GAL/SQ/IN (TEST OBSERVATION)

APRIL 2021

**VESTING TENTATIVE MAP
 PRELIMINARY STORMWATER MANAGEMENT PLAN**

BALISHA RANCH
 CITY OF TURLOCK, STANISLAUS COUNTY, CALIFORNIA