



A Tradition of Stewardship
A Commitment to Service

Department of Public Works

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Donald G. Ridenhour, P.E.
Director of Public Works

PUBLIC WORKS DEPARTMENT INTER-OFFICE MEMORANDUM

DATE: July 14th, 2009

TO: Ron Gee, Conservation Development and Planning Department

FROM: Jeannette Doss, Assistant Engineer *JD*

SUBJECT: Nustad Revocable Trust Parcel Map, APN 057-152-006, P09-00210, P09-00211

The application will allow the subdivision of an existing 2.55 acre parcel into three separate parcels of 0.8 acres, 0.83 acres, and 0.92 acres with reduced setbacks for the existing buildings. Property has frontage along Camino Oruga, and North Kelly Road. This application does not propose any new development.

EXISTING CONDITIONS:

1. The existing parcel is 2.55 acres.
2. Camino Oruga is a paved County-maintained road built with curbs and gutters.
3. Existing lot has approximately 181 feet of frontage along Camino Oruga and approximately 180 feet of the rear of the property is along North Kelly Road. Both Camino Oruga and North Kelly Road maintain a 60 foot wide right of ways.
4. Existing property is developed primarily with 3 commercial warehouses (approximately 37,010 sq ft, 1,820 sq ft, and 44,442 sq ft in size) and a 570 sq ft shed.
5. Existing access road meets County Road and Street standards for the current use.
6. There are 42 finished and paved parking stalls currently serving this facility.
7. Site is located within the boundaries of the Airport Specific Plan on Camino Oruga.
8. The portion of the frontage along Camino Oruga within the County Right of Way is not landscaped.

9. There is no landscaping in the areas within the parking lot that are shown as landscaped on the site plan provided.
10. The chain link fence along the portion of the property that is adjacent to North Kelly Road is broken.

RECOMMENDED CONDITIONS:

GROUNDWATER

1. See attached groundwater comments dated June 15th, 2009.

PARKING:

2. Any parking proposed by the applicant or required by the Planning Commission as a condition of this permit must have a minimum structural section of two inches of asphalt concrete over 5 inches of Class II Aggregate or equivalent. (County Road and Street Standards, Page 27, Section 19).
3. Parking lot details shall conform to the requirements of the latest edition of the Napa County Road and Street Standards.

NEW PRIVATE ACCESS ROADS AND DRIVEWAYS:

4. The applicant must obtain an encroachment permit for any work performed within the Napa County Right-of-Way.
5. Access drive shall meet the requirements of a common drive providing a 40 ft right of way easement and be a minimum of 18 feet wide with 2 feet of shoulder. Structural section shall be a minimum two inches of asphalt concrete surface over five inches of Class II Aggregate or equivalent. (County Road and Street Standards, Page 9, Par. 12)
6. Any future redevelopment of this property shall conform to the current Road and Street Standards of Napa County at the time of permit submittal.

SITE IMPROVEMENTS:

7. All on site civil improvements proposed after the parcel map has been issued including but not limited to the excavation, fill, general grading, drainage, curb, gutter, surface drainage, storm drainage, parking, and drive isles, shall be constructed according to plans prepared by a registered civil engineer, which will be reviewed and approved by this office prior to the commencement of any on site land preparation or construction. Plans shall be submitted with the building permit documents at the time of building permit application. A plan check fee will apply.
8. Any improvements proposed after the Parcel map has been issued shall be constructed according to applicable ordinances and standards at the time of submittal.

AIRPORT SPECIFIC CONDITIONS

9. Applicant will pay the applicable Napa County Airport Road Improvement and Development Fees prior to receiving any building permits for this project. The applicant should contact the Public Works office to obtain information regarding the determination of this fee.
10. Napa County traffic mitigation fees will apply to any change in tenant use which increases use density of the existing buildings.
11. All Public Works related improvements including any necessary storm drainage improvements shall conform to the latest Napa County Road and Street Standards and the latest Napa County Airport Area Specific Plan.
12. The portion of North Kelly Road adjacent to the property will need to be improved to conform to the latest Napa County Road and Street Standards and the latest Napa County Airport Area Specific Plan.
13. The portion of the frontage along Camino Oruga within the County Right of Way will need to be landscaped in conformance with the Napa County Airport Area Specific Plan. Landscaping shall be no higher than 42".

OTHER RECOMMENDATIONS:

14. *As applicable to future development, the Applicant must comply with all associated requirements and exhibits relating to water conditions to be imposed on all parcels as described in Napa County Agreement No. 7070, between the County of Napa and the City of American Canyon. This agreement and all its parts shall be effective as of July 3rd, 2008. (See Attached Exhibits E,F,G,H).*
15. The areas shown on the site plan as landscaped shall be vegetated to prevent erosion prior to final.
16. The chain link fence along the portion of the property that is adjacent to North Kelly Road shall be repaired prior to final.
17. Applicant shall fix any broken curb along the frontage prior to final.
18. Prior to the issuance of any grading or building permit, or the signing of improvement plans, the permittee and County shall survey and document the condition of County roads before construction begins, and then reevaluate conditions at the end of construction. Prior to Occupancy of any buildings or commencement of any use, the permittee shall be responsible for repair of any pavement degraded due to its construction vehicles.
19. The applicant is to submit a Final/Parcel Map to the Department of Public Works for review and approval by the County Surveyor. The applicant is to pay the map checking fee as established by resolution of the Napa County Board of Supervisors in effect at the time of submittal of the map.

20. Developer shall provide all easements/dedications on the Final Map to the satisfaction of the County of Napa Public Works Department and in agreement with the requirements of the Napa County Airport Industrial Area Specific Plan.

CONSTRUCTION STORMWATER REQUIREMENTS

21. All earth disturbing activities shall include measures to prevent erosion, sediment, and waste materials from leaving the site and entering waterways both during and after construction in conformance with the Napa County Stormwater Ordinance. Best Management Practices shall also be implemented to minimize dust at all times.
22. Any construction activity that will result in disturbance of greater than one acre of total land area will require the permittee to obtain coverage in accordance with Napa County's General Permit for Discharges of Storm Water Associated with Construction Activity (Construction General Permit, 99-08-DWQ) issued by the Regional Water Quality Control Board (SRWQCB). To achieve this, the permittee shall file a Notice of Intent with the SRWQCB prior to any grading or construction activity. Construction activity subject to this permit includes but is not limited to clearing, grading and disturbances to the ground such as stockpiling, or excavation.
23. Any construction activity that will result in disturbance of greater than 10,000 sq ft of total land area but less than one acre of total land area will require the permittee to prepare and maintain a Stormwater Quality Management Plan (SQMP) to be submitted with the building permit application. A plan check fee will apply.
24. All hazardous materials stored and used on-site during construction that could cause water pollution (e.g. motor oil, cleaning chemicals, paints, concrete, etc.) shall be stored and used in a manner that will not cause pollution, with secondary containment provided. Such storage areas shall be regularly cleaned to remove litter and debris. Any spills shall be promptly cleaned up and appropriate authorities notified.

POST-CONSTRUCTION RUNOFF MANAGEMENT REQUIREMENTS

25. Any future redevelopment of this property shall conform to all stormwater post construction runoff requirements effective at the time of permit submittal.
26. Project must conform and incorporate all appropriate site design Best Management Practices as required by the Napa County manual for *Post-Construction Runoff Management Requirements* which is available at the Public Works office.
27. Prior to final occupancy the property owner must legally record an "implementation and maintenance agreement" approved by the Public Works department to ensure all post-construction structures on the property remain functional and operational for the indefinite duration of the project.

28. Each year the entity responsible for maintenance is required to complete an annual report that includes copies of completed inspection and maintenance checklists to document that maintenance activities were conducted during the previous year. The annual report shall be retained for a period of at least five years and made available upon request by the County.
29. Post-development runoff volume shall not exceed pre-development runoff volume for the 2-year, 24-hour storm event. Post-development runoff volume shall be determined by the same method used to determine pre-development conditions. If post-development runoff volume exceeds pre-development runoff volume after the site design BMPs are incorporated into the project's overall design, a structural BMP (e.g. bio-retention unit) may be used to capture and infiltrate the excess volume.
30. Provide concrete stamping, or equivalent, of all stormwater conveyance system inlets and catch basins within the project area with prohibitive language (e.g., "No Dumping – Drains to Napa River"). Signage shall identify the receiving water the drain discharges to and include a message in Spanish.
31. Trash storage areas shall be paved with an impervious surface, designed not to allow run-on from adjoining areas, and screened or walled to prevent off-site transport of trash. Trash storage areas must contain a roof or awning to minimize direct precipitation or contain attached lids on all trash containers that exclude rain.

Any changes in use may necessitate additional conditions for approval.

If you have any questions regarding the above items please contact Jeannette Doss or Erich Kroll at 253-4351. For groundwater questions, please contact Anna Maria Martinez.



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Robert J. Peterson, P.E.
Director of Public Works

GROUNDWATER MEMORANDUM

DATE: June 15, 2009

TO: Conservation Development and Planning Department

FROM: Jeannette Doss, Assistant Engineer *JD*
Phone: 707-259-8179
Email: jdoss@co.napa.ca.us

SUBJECT: Nustad Revocable Trust Parcel Map, APN# 057-152-006, File # P09-00210, P09-00211

The application will allow the applicant to subdivide a 2.55 acre parcel into three separate parcels of 0.8 acres, 0.83 acres, and 0.92 acres with reduced setbacks for the existing buildings. Property has frontage along Camino Oruga, and North Kelly Road. This application does not propose any new development.

RECOMMENDED CONDITIONS:

1. The applicant has submitted a will serve letter for each of the three proposed new parcels from the City of American Canyon dated June 4, 2009 for water service. No on site wells shall/will be used to serve this parcel. No further analysis is necessary.

EXHIBIT E

Water Conditions To Be Imposed On All Parcels (City Customers and Outside Customers) For Which New Water Service is Requested

The City of American Canyon ("City") may impose the conditions listed below on new water services for Outside Customers by including these conditions in the "will-serve" letters that the City provides to such Outside Customers, but only if the City also imposes the same conditions on all new water services for parcels with similar uses within the City's limits. The County shall include these same conditions in all new land use development permits for parcels within the Airport Industrial Area Specific Plan area.

1. **City Capacity Fees and Conditions of Approval for Water Service.** Capacity Fees charged for parcels within the City's Water Service Area shall be established by the City and will be periodically reviewed and updated. Capacity Fees (also known as Connection Fees) will be uniform throughout the Water Service Area, regardless of whether the parcel to which the fee applies is inside or outside the City's Limits. The Capacity Fee and any conditions on new water service will be determined based on the Water Supply Report, which shall contain the analysis described in Part II.C. of Exhibit "F" of this Agreement, and which will be consistent with the City's Zero Water Footprint Policy, adopted by the City on October 23, 2007.
2. **Cost of Water Service.** The cost of new water service shall be imposed through the capacity fees in the City's Ordinance 2007-09 or through new capacity fees approved by the County and enacted in a new City ordinance. However, if the Water Supply Report finds, consistent with the City's Zero Water Footprint Policy (see Exhibit F), that the City will have to obtain additional water supplies to meet "dry year" shortfalls, then the cost of water to meet such "dry year" shortfalls will be the sole responsibility of the Applicant. In determining whether or not such "dry year" shortfalls will occur, the City shall include in the base supplies available to the City during "dry years" the new water supplies that have been or will be included in the calculations used to set the City's Capacity Fees and water rates. The City will conclude that "dry year" shortfalls will occur only if such base supplies will not be adequate to meet anticipated "dry year" demands. The City may not impose any costs on the Applicant under this section to reimburse the City for any capital or operating costs that have been or will be included in the calculations used to set the City's Capacity Fees or water rates. The City may impose the additional costs described in the preceding sentence on Outside Customers only if the City also imposes such additional costs uniformly on City Customers.
3. **Maximum Allowable Water Use.** Water received from the City for use on parcels within the Airport Industrial Area Specific Plan area and on parcels with similar uses within the City's limits shall be limited to an average of 650 gallons of water per day per acre (measured monthly), and Applicants for new or increased City water service for all such parcels shall be required to demonstrate to the City while the City is preparing the Water Supply Report for the Applicant the maximum extent to which the Applicant can further reduce its water consumption by applying the following best management practices:

- **No Flow or Low Flow Fixtures.** These Applicants shall be required to install no flow or low flow water fixtures, and to implement other reasonable water conservation measures that are described in the City's Water Conservation Guidelines adopted in the City's Resolution No. 2008-08 or in new City water conservation guidelines approved by the County and adopted in a new City ordinance or resolution.
- **Drought Tolerant Landscape & Irrigation with Recycled Water.** These Applicants shall be required to use only drought tolerant landscaping, and they may only irrigate landscaped areas with recycled water, when it is available.
- **Purple Pipe.** These Applicants shall be required to dual plumb their buildings and install "purple pipe" in all landscape areas in anticipation of the availability of recycled water and shall use the recycled water when available.
- These Applicants shall follow the water conservation methods that are described in the Water Conservation Guidelines adopted in the City's Resolution No. 2008-08 or in new City water conservation guidelines approved by the County and adopted in a new City ordinance or resolution.

The City may apply the provisions of this Paragraph 3 to Applicants for new or increased City water service for parcels within the Airport Industrial Area Specific Plan area only if the City also uniformly applies these provisions to all Applicants for new or increased City water service for parcels with similar uses within the City's limits.

4. **Water Offsets.** Applicants for City water service for parcels within the Airport Industrial Area Specific Plan area and for parcels with similar uses within the City's limits that wish to use more than an average of 650 gallons of water per day per acre (measured monthly) shall offset the proposed water use over 650 gallons per day per acre (measured monthly) through the use of one or more options that are made available by the City to the Applicants. These options include, but are not limited to, retrofitting of existing residences with low flow fixtures, purchase of otherwise developable land as permanent open space, or acquisition of other water supply resources as provided for by a water supply analysis that follows the Zero Water Footprint Methodology described in Exhibit F. The City shall make all such options available uniformly to Applicant for City water service for parcels within the Airport Industrial Area Specific Plan area and for parcels with similar uses within the City's limits, and that seek such offsets.

5. **Drought Restrictions.** To the extent permitted by law, the City may curtail or ration the use of water provided by the City below the limit of 650 gallons per day per acre (measured monthly) in dry years through the imposition of drought restrictions that are uniformly applied throughout the City's Water Service Area.

EXHIBIT F

Zero Water Footprint and Water Supply Report Methodology

I. PURPOSE

To implement the Zero Water Footprint Policy adopted by the City Council on October 23, 2007. In this policy, "Zero Water Footprint" is defined as:

"No loss in reliability or increase in water rates for existing water service customers due to requested increased demand for water within the City's Water Service Area."

II. PROCEDURES

- A) **Initial Request.** Applicants for all projects requiring additional water supplies from the City of American Canyon, either inside City limits or in the City's Water Service Area but outside of City limits, shall complete a water supply worksheet estimating average and peak use for indoor and outdoor uses and provide the completed worksheet to the City's Engineering Division.
- B) **Evaluation of Water Footprint.** The Engineering Division shall evaluate the water footprint of the project, using the water supply worksheet provided by the Applicant, to determine whether a Water Supply Report is required. A Water Supply Report will not be required if the project meets the adopted Zero Water Footprint definition. This can be accomplished by projects with no additional water demand or by projects which offset increased water demand by off-site conservation measures.
- C) **Water Supply Report.** A Water Supply Report shall be prepared for all projects that do not meet the adopted Zero Water Footprint definition. The Water Supply Report shall be prepared by the City of American Canyon at the cost of the project applicant. The Water Supply Report shall be substantially in the form of the report approved in the City's Resolution No. 2008-02, or in a new form approved by the County and approved by the City in a new resolution and shall include the following analysis:
- 1) Water service request
 - a) Description of project
 - b) Water service request
 - (i) Average Daily Demand
 - (ii) Peak Day Demand
 - c) Conservation Measures Included in Project
 - 2) Consistency
 - a) Urban Water Management Plan
 - b) Recycled Water Facilities Plan
 - c) Water Conservation Implementation Guidelines
 - 3) Water footprint
 - a) Zero Water Footprint Definition
 - b) Project's impact on reliability
 - c) Project's impact on rates

- d) Project's water footprint
- 4) Project's contribution
 - a) Capacity fee
 - b) Reimbursable improvements
- 5) Capital program status
 - a) Summary
 - b) System planning status
 - c) Water supply
 - (i) Water supply implementation status
 - (ii) Water supply alternatives
 - d) Water treatment
 - (i) Water treatment implementation status
 - (ii) Water treatment alternatives
 - e) Water storage, transmission, and distribution status
 - f) Water capital program financial status
- 6) Vineyards analysis
 - a) Vineyards decision
 - b) Facts with respect to solutions to water supply problems
 - c) Water supply over the life of the project
 - d) Impacts of likely future water sources
 - e) Possible replacement sources and their impacts
- 7) Recommended mitigations
 - a) Long term water mitigations
 - b) Short term water mitigations
- 8) Opportunities to reduce project's water footprint
 - a) On-site conservation opportunities
 - b) Off-site conservation opportunities

D) Applicant Review of Water Supply Report. The Water Supply Report, once approved by the City, will be furnished to the project applicant. If the applicant elects to revise the project to reduce the water footprint, the Water Supply Report may be revised at the applicant's cost.

E) Water Will Serve Letter. Water will-serve letters are required for projects outside of the Napa Valley Gateway project limits that are requesting increased water services from the City. The Napa Valley Gateway project is subject to the terms and conditions of a will-serve letter for the entire project agreed upon between the City of American Canyon and Charles Slutzkin of Napa Valley Gateway Limited in a will-serve letter agreement dated December 13, 2002. So long as the terms and conditions of that will-serve letter agreement are complied with, developments of parcels within the Napa Valley Gateway project limits will not require any Water Supply Report or additional will-serve letters.

EXHIBIT G

Appeal Procedure: Zero Water Footprint Methodology

1. **Grounds for Appeal- Conditions of Approval.** If the water service application is for a parcel outside the City's limits, then the City shall, within 30 days of receipt of such application, provide to the Applicant and the County any conditions of approval that the City proposes to impose on the parcel at least 90 days before imposing the conditions of approval.

Conditions of approval that result from the Water Supply Report and that the City proposes to include in a water service will-serve letter that will be issued by the City for a parcel outside of the City's limits may be appealed by an Applicant under the process described in Section 3 below.

2. **Exceptions:** An appeal may not challenge water rates imposed by the City that are consistent with *Hansen v. City of San Buenaventura* (1986) 42 Cal.3d 1172, and the City's Ordinance 2007-13. An appeal also may not challenge Capacity Fees that are set pursuant to the City's Ordinance 2007-09, or new capacity fees approved by the County and enacted in a new City ordinance.

3. **Appeal Process and Appeal Panel.** An appeal of water service conditions of approval that the City proposes for a parcel outside the City's limits may be filed within ninety (90) days after the proposed conditions are forwarded to the Applicant and the County for inclusion in a development permit. The appeal will be heard by the panel described in the following paragraph, and this panel will determine whether any of the conditions under appeal is inconsistent with any provision of this Agreement.

The Appeal Panel will be made up of one member selected by the County Executive Officer, one member selected by the City Manager and one member selected by the two appointed members. If the two appointed members cannot agree on the third member, the name of each candidate shall be placed in a hat to be drawn for selection. The decision of the Appeal Panel will be final, but subject to judicial review pursuant to Code of Civil Procedure section 1094.5. The reasonable cost of the Appeal Panel shall be borne by the Applicant.

City's Water Service Area

