

**ATTACHMENT 1B**

**Public Works Department Conditions of Approval**

EXHIBIT A



DEPARTMENT OF PUBLIC WORKS  
COUNTY OF HUMBOLDT

MAILING ADDRESS: 1106 SECOND STREET, EUREKA, CA 95501-0579  
AREA CODE 707

ARCATA-EUREKA AIRPORT TERMINAL  
McKINLEYVILLE  
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PUBLIC WORKS BUILDING  
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CLARK COMPLEX  
HARRIS & H ST., EUREKA  
FAX 445-7388

AVIATION 839-5401

ADMINISTRATION 445-7491  
BUSINESS 445-7652  
ENGINEERING 445-7377  
FACILITY MAINTENANCE 445-7493

NATURAL RESOURCES 445-7741  
NATURAL RESOURCES PLANNING 267-9540  
PARKS 445-7651  
ROADS & EQUIPMENT MAINTENANCE 445-7421

LAND USE 445-7205

LAND USE DIVISION INTEROFFICE MEMORANDUM

TO: Trevor Estlow, Senior Planner

FROM: Robert W. Bronkall, Deputy Director *RB*

RE: SUBDIVISION REQUIREMENTS - IN THE MATTER OF THE  
APPLICATION OF USREY, APPLICATION #15181-PMS, APN 510-231-027,  
FOR APPROVAL OF A TENTATIVE MAP, CONSISTING OF 2.5 ACRES  
INTO 4 PARCELS AND A REMAINDER.

DATE: 01/18/2019

*The following requirements and standards are applicable to this project and must be completed to the specifications and satisfaction of the Department of Public Works (Department) before the subdivision map may be filed with the County Recorder. If there has been a substantial change in the project since the last date shown above, an amended report must be obtained and used in lieu of this report. Prior to commencing the improvements indicated below, please contact the Subdivision Inspector at 445-7205 to schedule a pre-construction conference.*

**These recommendations are based on the tentative map prepared by Omsberg & Preston dated December 10, 2018, and dated as received by the Humboldt County Planning Division on December 11, 2018.**

NOTE: All correspondence (letters, memos, faxes, construction drawings, reports, studies, etc.) with this Department must include the Assessor Parcel Number (APN) shown above.

**READ THE ENTIRE REPORT BEFORE COMMENCING WORK ON THE PROJECT**

**1.0 MAPPING**

**1.1 EXPIRATION OF TENTATIVE MAP:** Applicant is advised to contact the Planning & Building Department to determine the expiration date of the tentative map and what time extension(s), if any, are applicable to the project. Applicant is responsible for the timely filing of time extension requests to the Planning & Building Department.

Applicant is responsible for completing all of the subdivision requirements prior to expiration of the tentative map. Applicant is advised to promptly address all of the subdivision requirements in order to avoid the tentative map expiring prior to completion of the subdivision requirements. Applicants are encouraged to contact a land development professional for advice on developing a realistic schedule for the processing of the project.

- 1.2 MAP TYPE:** Applicant must cause to be filed a subdivision map showing monumentation of all property corners to the satisfaction of this Department in compliance with Humboldt County Code Section 326-15. Subdivision map checking fees shall be paid in full at the time the subdivision map is submitted for checking. County Recorder fees shall be paid prior to submittal of the map to the County Recorder for filing. The subdivision map must be prepared by a Land Surveyor licensed by the State of California -or- by a Civil Engineer registered by the State of California who is authorized to practice land surveying.

All Department charges associated with this project must be paid in full prior to the subdivision map being submitted to the County Recorder for filing.

Applicant shall submit to this Department four (4) full-size copies of the subdivision map as filed by the County Recorder.

Prior to submitting the subdivision map to the County Surveyor for map check, applicant shall submit the subdivision map to the utility providers to provide input on necessary public utility easements. Copies of the responses from the utility providers shall be included with the first submittal of the subdivision map to the County Surveyor.

- 1.3 DEPOSIT:** Applicant shall be required to place a security deposit with this Department for inspection and administration fees as per Humboldt County Code Section 326-13 prior to review of the improvement plans, review of the subdivision map, or the construction of improvements, whichever occurs first.
- 1.4 PROOF OF LEGAL ACCESS:** Applicant shall provide, to the satisfaction of this Department, proof of recorded access from a publicly maintained road to the subject property. The width of the access shall be a minimum of 40 feet and shall be shown on the subdivision map. [Reference: Roadway design standards/classification plats in Section 4.2 of Appendix A of the County Subdivision Ordinance]
- 1.5 EASEMENTS:** All easements that encumber or are appurtenant to the subdivision shall be shown graphically on the subdivision map. Those easements that do not have a metes and bounds description shall be noted on the subdivision map and shown as to their approximate location.
- 1.6 PRIVATE ROADS:** Pursuant to County Code Section 324-2(c)(3), the subdivision map shall show the lanes clearly labeled "Non-County Maintained Lane" or "Non-County Maintained Road". Pursuant to County Code Section 324-2(c)(5), the following note shall appear on the map or instrument of waiver, which shall read substantially as follows:

"If the private lane or lanes shown on this plan of subdivision, or any part thereof, are to be accepted by the County for the benefit of the lot owners on such lane rather than the benefits of the County generally, such private lane or lanes or parts thereof shall first be improved at the sole cost of the affected lot owner or owners, so as to comply with the specification as contained in the then applicable subdivision regulations relating to public streets."

- 1.7 **LINES OF OCCUPATION:** Applicant shall provide prospective buyers with notice of any fences that are not on the property line.
- 1.8 **DEDICATIONS:** The following shall be dedicated on the subdivision map, or other document as approved by this Department:

**(a) PRIVATE ROAD (EUCALYPTUS ROAD):**

Public Road (future): Applicant shall cause to be irrevocably dedicated on the subdivision map to the County of Humboldt an easement for public road purposes lying within 25 feet of the center line of the Eucalyptus Road to match the dedication made on Parcel Map No. 2090, 18PM84. The applicant is only responsible to cause to be dedicated lands that are included within the boundary of the proposed subdivision.

Access: Applicant shall cause to be dedicated on the subdivision map a non-exclusive easement for ingress, egress, and public utilities for the benefit of the parcels within the subdivision in a manner approved by this Department. The easement shall be 40 feet in width.

Sidewalks: Applicant shall cause to be dedicated on the subdivision map to the County of Humboldt a 10 foot wide easement for public sidewalk purposes lying adjacent to the right of way of the County road. The applicant is only responsible to cause to be dedicated lands that are included within the boundary of the proposed subdivision. This easement may overlap a public utility easement.

Public Sidewalks (future): Applicant shall cause to be irrevocably dedicated on the subdivision map a non-exclusive 10 foot wide easement for sidewalk purposes lying adjacent to the right of way of the access roads within the subdivision. Said easement shall be for the benefit of the parcels within the subdivision and shall be dedicated in manner, width, and location as approved by this Department. This easement may overlap a public utility easement.

PUE: Applicant shall cause to be dedicated to the County of Humboldt on the subdivision map a 10 foot wide public utility easement (PUE) adjacent to the right of way for the road or as otherwise approved by this Department. Additional PUEs shall be dedicated in a manner, width, and location approved by this Department.

**(b) PRIVATE ROAD (UNNAMED ACCESS ROAD):**

Access: Applicant shall cause to be dedicated on the subdivision map a non-exclusive easement for ingress, egress, and public utilities for the benefit of the parcels/lots within the subdivision in a manner approved by this Department. The easement shall be 40 feet in width.

A turn-around area shall be provided at the end of road.

PUE: Applicant shall cause to be dedicated to the County of Humboldt on the subdivision map a 10 foot wide public utility easement (PUE) adjacent to the right of way for the road or as otherwise approved by this Department. Additional PUEs shall be dedicated in a manner, width, and location approved by this Department.

Sidewalks: Applicant shall cause to be dedicated on the subdivision map a non-exclusive 10 foot wide easement for sidewalk purposes lying adjacent to the right of way of the access roads within the subdivision. Said easement shall be for the benefit of the parcels/lots within the subdivision and shall be dedicated in manner, width, and location as approved by this Department. This easement may overlap a public utility easement.

- (c) **DRAINAGE EASEMENT:** Applicant shall cause to be dedicated on the subdivision map a non-exclusive easement for drainage purposes for the benefit of the parcels within the subdivision in a manner approved by this Department.
- (d) **DEVELOPMENT RIGHTS:** Applicant shall cause to be conveyed to the County of Humboldt the rights to construct a secondary dwelling unit(s) on Parcels 1 through 4 and the remainder parcel until such time as (Unnamed Access Road) is improved to a minimum Category 4 road standard. This shall be noted on the development plan to be filed with the Planning & Building Department. A notice of the development plan must be recorded. The content of the notice must be in a manner approved by this Department.
- (e) **SUBDIVISION RIGHTS:** Applicant shall cause to be conveyed to the County of Humboldt the rights to further subdivide the parcels created by this subdivision until such time as (insert road name) is improved to a minimum standards outlined in the fire safe regulations. Per Fire Safe Regulations, a category 3 road is required for roads serving 3 to 8 parcels; a category 4 road is required for roads serving 9 or more parcels. This shall be noted on the development plan to be filed with the Planning & Building Department. A notice of the development plan must be recorded. The content of the notice must be in a manner approved by this Department.
- (f) **NEIGHBORHOOD BOX UNIT (NBU) MAILBOXES:** Prior to submittal of the subdivision map, provide a sign-off from the Post Office on the location of the neighborhood box unit. Applicant shall cause to be dedicated on the subdivision map additional sidewalk easements as necessary to accommodate the NBU.

Note: The Post Office may not require a NBU for this project.

## 2.0 IMPROVEMENTS

**2.1 CONSTRUCTION PLANS:** Construction plans shall be submitted for any required road, drainage, landscaping, and pedestrian improvements. Construction plans must be prepared by a Civil Engineer registered by the State of California. Construction plans shall be on a sheet size of 22" x 34", unless approved otherwise by this Department. Construction of the improvements shall not commence until authorized by this Department. This Department will require the submittal of 1 full size (22" x 34") set and 1 reduced (11" x 17") set of the approved construction plans prior to start of work.

The construction plans shall show the location of all proposed new utilities and any existing utilities within 10 feet of the improvements. The plans shall be signed as approved by the local fire response agency and public utility companies having any facilities within the subdivision prior to construction authorization by this Department.

Construction plans shall be tied into elevation datum approved by this Department. Projects located within McKinleyville Community Services District (MCSD) area shall be tied to MCSD elevation datum unless waived by this Department.

Unless otherwise waived by this Department, record drawing ("As-Built") plans shall be submitted for any road, drainage, landscaping, and pedestrian improvements that are constructed as part of this project. Record drawing plans must be prepared by a Civil Engineer registered by the State of California. Once approved by this Department, one (1) set of "wet stamped" record drawings on 22" x 34" mylar sheets shall be filed with this Department.

**2.2 CONSTRUCTION PERIOD:** Construction of improvements for this project will not be allowed to occur between October 15 and April 15 without permission of this Department.

**2.3 ADA FACILITIES:** All pedestrian facilities shall be ADA compliant. This includes, but is not limited to, providing curb ramps at intersections and sidewalks behind driveway aprons (or ADA compliant driveway aprons).

Fire hydrants, neighborhood box units for mail, utility poles (including down guys), street lights, or other obstructions will not be allowed in sidewalks unless approved by this Department.

Applicant shall replace/retrofit to meet current standards any non-ADA compliant pedestrian improvements within the public right of way (or access easements that the subject property has a legal right to use) contiguous to the project.

**2.4 ROAD NAMES:** The access road(s)/street(s) shall be named as approved by the Planning & Building Department - Planning Division.

**2.5 TRAFFIC CONTROL DEVICES & SIGNS:** Traffic control devices and signs may need to be placed as required and approved by this Department. All signs and striping on County maintained roads shall be installed by the County at the expense of the developer, unless otherwise approved by the Department.

(a) A stop sign shall be installed on Unnamed Road at its intersection with Eucalyptus Road. When the road is paved, a "stop" pavement marking and limit line shall be installed.

Pursuant to County Code Section 323-2(c)(4), non-county maintained roads shall be posted with a sign of at least 2 square feet in size containing substantially the following words in 2" high black letters on a yellow background: "Not a County Maintained Road" or "Not a County Maintained Street". The sign shall be approved by the Department prior to installation.

(b) Street name signs shall be provided at all road intersections. In State Responsibility Areas, street name signs shall also comply with County Code Section 3113-11.

(c) Fire hydrants shall be identified with a retroreflective blue colored raised pavement marker. In State Responsibility Areas, street name signs shall also comply with County Code Section 3114-5.

(d) Additional signing and striping may be required by the Department upon review of the improvement plans. This includes, but is not limited to, centerline striping, two way left turn lane striping, bicycle lane striping, edge lines, dead end road signs, no outlet signs, speed limit signs, warning signs, etc...

**2.6 ACCESS ROADS:** The access road(s) serving the subdivision shall be constructed to the satisfaction of this Department as follows:

- (a) **UNNAMED ACCESS ROAD (NOT COUNTY MAINTAINED):** The Unnamed Access Road shall be constructed having a 24' wide paved road (16' wide travel lane and 8' wide parking lane) with Caltrans Type A2-6 curb & gutter, a 4 foot wide landscape area/infiltration trench, and a 5' wide sidewalk.

A turnaround area as approved by this Department shall be constructed at the end of the access road serving the subdivision. It shall have the same structural section as the roadway serving the parcels.

- (b) **EUCALYPTUS ROAD (NOT COUNTY MAINTAINED):** Eucalyptus Road shall be constructed having a 28' wide paved road (two 10' wide travel lanes and 8' wide parking lane) with Caltrans Type A2-6 curb & gutter, a 5' wide landscape strip (4.5' useable) and a 5' wide sidewalk.

Existing utility poles within the parking lane may remain and be protected by curb bulb-outs.

- (c) The applicant may design the intersection with Eucalyptus Road with standard curb returns or an Urban Driveway No. 1. If curb returns are provided, intersection corner radii shall be provided at the intersection of roads based upon the following, unless otherwise approved by this Department:

<b>Intersection Corner Radii AASHTO, Chapter 9, "Corner Radii into Local Urban Streets"</b>				
<b>Road Classification – Road "B"</b>	<b>Road Classification – Road "A"</b>			
		<b>local roads</b>	<b>collector roads &amp; arterial roads</b>	<b>collector roads &amp; arterial roads</b>
	<b>local roads</b>	15'	20'	N/A
	<b>collector roads &amp; arterial roads</b>	20'	25'	40'
	<b>industrial use areas &amp; truck routes</b>	N/A	40'	40'

- (d) The widening of Eucalyptus Road, may require the reconstruction of the existing road to provide a uniform centerline grade compatible with the proposed curb grade. This is necessary in order to provide an adequate cross slope to the proposed gutter. Engineering plans showing existing and proposed conditions for both the centerline grade and roadway cross sections will be necessary to ensure proper drainage. In addition, existing utilities may need to be adjusted and/or relocated at the expense of the applicant.
- (e) Nothing is intended to prevent the applicant from constructing the improvements to a greater standard.
- (f) Nothing is intended to prevent this Department from approving alternate typical sections, structural sections, drainage systems, and road geometrics based upon sound engineering principals as contained in, but not limited to, the Humboldt County Roadway Design Manual, Caltrans Highway Design Manual, Caltrans Local Programs Manual, Caltrans Traffic Manual, California Manual on Uniform Traffic Control Devices (MUTCD), and AASHTO's A Policy of Geometric Design of Highways and Streets (AKA "The Green

Book”). Engineering must not be in conflict with Humboldt County Code or County adopted guidelines and policies.

- (g) The surface of the access road(s) shall conform to the *Structural Section* requirements within this document.

**2.7 STRUCTURAL SECTION:** The access road(s) shall be constructed to a structural section recommended in the soils report and as approved by this Department.

- (a) **For paved road surfaces**, the structural section shall include a minimum of 0.2 foot of Caltrans Type B hot mix ("asphalt") over 0.67 foot of Caltrans Class 2 aggregate base. If required by this Department, the structural section of all roads shall be determined by Caltrans R-Value method using a Traffic Index (T.I.) approved by this Department. Based upon soil conditions, this Department may also require a geotextile fabric to be placed on top of the sub grade.

When widening hot mix ("asphalt") roads, the widened road shall be paved with hot mix. A sawcut is required to ensure a uniform joint between the existing and new pavements. The location of the sawcut shall be approved by this Department based upon the condition of the existing road surface.

- (b) Access roads and driveways may include decorative accent treatments such as, but not limited to, stamped concrete or decorative brick pavers. Decorative accent treatments must provide appropriate traction for pedestrians, bicycles, and vehicles. **Decorative access treatments are not permitted within the public right of way**, unless approved in writing by this Department.

**2.8 UNKNOWN IMPROVEMENTS:** Other on-site and/or off-site improvements may be required which cannot be determined from the tentative map and/or preliminary improvement plans at this time. These improvements will be determined after more complete improvement plans and profiles have been submitted to the County for review.

**2.9 UTILITIES:** The proposed improvements may require the undergrounding or relocation of existing facilities at the expense of the applicant. Undergrounding of existing facilities, relocation of existing facilities, or construction of new facilities shall be completed prior to constructing the structural section for the roadway.

If any utilities are required to be installed as a condition of tentative map, the utility work shall be completed prior to constructing the structural section for the road. All laterals shall be extended onto each lot and marked in a manner that they will be easily located at the time of individual hookups. A letter of completion of all work from each involved utility company shall be submitted prior to constructing the roadway structural section. Any utilities that need to be relocated shall be done solely at the subdivider's expense.

Applicant shall remove any abandoned utilities (natural gas, electrical, cable tv, etc.,) within the public right of way fronting the subdivision or within the subdivision as directed by this Department.

**2.10 PERMITS:** An encroachment permit is required to be obtained prior to construction from this Department for all work within the right of way of a County maintained road.



**2.11 NEIGHBORHOOD BOX UNIT (NBU) MAILBOXES.** When clustered mailboxes (neighborhood box units) are required by the Post Office, applicant shall obtain approval for the location of the mailbox unit from the Post Master. The pad for the mailbox unit shall be constructed as part of the subdivision and shall be encompassed by a sidewalk easement or other easement, as approved by this Department. If the NBU's will not be installed by the Post Office, the subdivider shall install the NBUs as part of the subdivision.

Note: The Post Office may not require an NBU for this project.

**2.12 COMPLETION OF SIDEWALK IMPROVEMENTS:** Sidewalk improvements may be deferred until such time as a building permit is pulled. Each building permit pulled will require that an ADA accessible sidewalk be constructed to connect the subject lot to the existing pedestrian network outside of the subdivision. Depending on the lot being built upon, this may include constructing sidewalk in front of numerous vacant lots within the subdivision. Sidewalk improvements must be completed prior to the "final" of the building permit. Any sidewalk damaged during construction will need to be replaced prior to the "final" of the building permit.

**2.13 PARCEL MAP SUBDIVISION AGREEMENT:** When a parcel map is to be filed with the County Recorder and the construction of improvements will be deferred to a later date, the following shall apply:

- (a) For parcel map subdivisions projects with a subdivision agreement, include the following note on the development plan: "This subdivision was approved with requirements to construct improvements. At the time the parcel map was filed, the improvements were not completed. The developer has entered into a subdivision agreement with the County to defer construction of these improvements. **Subdivision improvements must be completed within the timelines specified in the subdivision agreement. In general, building permits cannot be obtained until the required improvements are constructed to the satisfaction of the County.** The improvements required in the subdivision agreement are shown on the improvement plans prepared by \_\_\_\_\_, dated \_\_\_\_\_, and are signed as approved by the County on \_\_\_\_\_. Contact the Land Use Division of the Department of Public Works for details."
- (b) For parcel map subdivisions without a subdivision agreement and improvements have not been constructed prior to the filing of the map, include the following note on the development plan: "This subdivision was approved with requirements to construct improvements. At the time the parcel map was filed, the improvements were not completed. The developer has elected to not enter into a subdivision agreement with the County that would specify the timing of when the deferred improvements must be constructed. **Building permits cannot be obtained until the required improvements are constructed to the satisfaction of the County.** The improvements required in the subdivision are shown on the improvement plans prepared by \_\_\_\_\_, dated \_\_\_\_\_, and are signed as approved by the County on \_\_\_\_\_. Contact the Land Use Division of the Department of Public Works for details."
- (c) The Department shall cause to be recorded at the time of filing of the parcel map with the County Recorder a *Notice of Construction Requirements*.

### 3.0 DRAINAGE

- 3.1 DRAINAGE ISSUES:** Applicant shall be responsible to correct any involved drainage problems associated with the subdivision to the satisfaction of this Department.
- 3.2 DRAINAGE REPORT:** Applicant must submit a complete hydraulic report and drainage plan regarding the subdivision for review and approval by this Department. This may require the construction of drainage facilities on-site and/or off-site in a manner and location approved by this Department.
- 3.3 STORM WATER QUALITY:** Applicant shall include within the project site the implementation of Best Management Practices (BMPs) to prevent storm water pollution. BMPs include, but are not limited to, stenciling drainage inlets.
- 3.4 DETENTION FACILITIES:** Pursuant to McKinleyville Community Plan Policy 3310 (5), this project is required to construct detention facilities in a manner and location approved by this Department. In general, storm flows from the 100-year ( $Q_{100}$ ) storm shall be detained so as to release water from the site at a rate no greater than the predevelopment 2-year ( $Q_2$ ) storm flows. Contact this Department regarding any questions.

If the site conditions do not allow for detention, then infiltration may be considered by the Department as an alternative.

- 3.5 DRAINAGE FEES:** Applicant must conform to Humboldt County Code Section 328.1-16 regarding McKinleyville Drainage Area Fees.
- 3.6 LOW IMPACT DEVELOPMENT (LID):** The subdivision is required to comply with County Code Section 337-13. The applicant shall submit a Storm Water Information Sheet for review and approval by the County. The improvement plans must incorporate LID strategies for the entire subdivision, including roads, lots, and other areas.

At the time that the subdivision improvements are constructed, the LID elements related to an individual lot may be deferred until such time as the lot is developed. It is intended that any deferred LID strategies shown on the improvement plans for a lot are conceptual in nature and subject to adjustment/refinement at the time that the building permit is applied for. Any deferred LID improvements must be shown and identified on the Development Plan.

When there will be deferred LID improvements, a separate sheet in the improvement plans shall be provided for the LID concepts proposed for the individual lots. It is intended that this sheet will be attached to the development plan to facilitate issuance of a building permit at a later time.

Each lot in the subdivision is considered a regulated project

### 4.0 GRADING

- 4.1 GRADING PLAN:** Pursuant to Humboldt County Code Section 331-14 (H)(6)(b)(1), the applicant shall submit an engineered preliminary (rough) grading plan addressing the entire project construction area to this Department for review and approval. The purpose of the grading plan is to establish building pads that will drain to the roads (or other approved drainage course) without creating lot drainage from one lot to flow across the buildable area of adjacent lots.

**4.2 GRADING CRITERIA:** Each lot shall have a building pad graded to a maximum of 2% per Humboldt County Code Section 331-14 (H)(3)(d), unless waived by this Department. Building pads shall be of a sufficient size to accommodate anticipated future structures.

The elevation of the building pad shall be established so that a driveway from the building pad to the back of sidewalk will have a minimum slope of 1% and a maximum slope of 16%.

If sidewalk is not required, then the driveway slope will be measured to the back of driveway apron.

**4.3 CONSTRUCTION TIMING:** Grading within the subdivision or off-site rights of way shall **not** occur prior to approval of a grading plan by this Department. Construction of improvements or grading for this project will not be allowed to occur between October 15 and April 15 without permission of this Department.

**4.4 DATUM:** Grading plans shall be tied into elevation datum approved by this Department. Projects located within McKinleyville Community Services District (MCSD) area shall be tied to MCSD elevation datum unless waived by this Department.

**4.5 EROSION CONTROL:** Pursuant to Humboldt County Code Section 331-14 (H)(6)(d)(1) and 337-13(c), an erosion control plan (aka, sediment control plan, Storm Water Pollution Prevention Plan, etc.) addressing erosion from storm water runoff and wind shall accompany the grading plan.

For construction sites equal to or greater than one (1) acre of ground disturbance, a Notice of Intent (NOI) and permit registration documents are required to be filed with the State Water Quality Control Board. A copy of the State's receipt of the approved NOI shall be provided to this Department prior to the start of construction.

## **5.0 MAINTENANCE**

**5.1 MAINTENANCE OF IMPROVEMENTS:** The improvements to be constructed as part of this subdivision will not be maintained by the County. Pursuant to Humboldt County Code Section 323-2\* (b) regarding Private Lanes, the Applicant must provide a permanent maintenance plan acceptable to this Department for all improvements including, but not limited to, the following: roads, drainage systems (pipes, drainage inlets, detention basins), pedestrian facilities, and landscape areas. An engineer's estimate for the cost of yearly maintenance must be approved by this Department. Maintenance shall be provided by a maintenance association, district, or other means as approved by this Department. More than one maintenance plan may be required. [\*Section 323-2 is listed in County Code after Section 324-1]

Based upon the tentative map, it appears that the following will need to be maintained by a maintenance plan:

A maintenance plan for the non-county maintained road known as Unnamed Access Road

A maintenance plan for the non-county maintained road known as Eucalyptus Road.

If a maintenance association currently exists for the access road, applicant shall attempt to the satisfaction of this Department to annex the subdivision into the existing road maintenance association. That portion of this condition regarding road maintenance may be waived if the applicant provides evidence satisfactory to this Department that the subject property already belongs to a maintenance association for the access road(s).

A maintenance plan for projects that contain detention facilities shall include, but is not limited to, the following:

- (a) A schedule for the periodic monitoring of the detention facilities. At a minimum, the detention facilities shall be monitored at least once each year between April 15 and October 15.
- (b) A system to monitor the basins in a timely manner after significant rain fall events.
- (c) Monitoring shall be done by a qualified professional as approved by this Department.
- (d) Monitoring shall include an annual written report identifying (1) the condition of the facilities; (2) the recommended maintenance needed for the facilities to function as originally constructed or as required by subsequent regulation; and (3) certification that the maintenance was completed to the satisfaction of a qualified professional. The report shall be submitted no later than October 31 of each year to this Department.
- (e) A financially secured procedure that will ensure that maintenance is identified and subsequently performed in a timely manner.
- (f) For infiltration basins, wet weather testing of the percolation rate of the basin consistent with Department of Environmental Health standards for determining the percolation rates for septic systems. Percolation rate testing shall be done every five (5) years.

**5.2 MAINTENANCE AGREEMENTS:** Any agreements regarding the maintenance of the detention facilities between the applicant and a public entity or Homeowners Association may be required to be approved by County Counsel and the County Risk Manager.

**6.0 DEVELOPMENT PLAN:**

<NONE>

**7.0 LANDSCAPING:**

<NONE>

// END //



DEPARTMENT OF PUBLIC WORKS  
**C O U N T Y O F H U M B O L D T**

MAILING ADDRESS: 1106 SECOND STREET, EUREKA, CA 95501-0579  
AREA CODE 707

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**LAND USE DIVISION INTEROFFICE MEMORANDUM**

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TO: Trevor Estlow, Senior Planner

FROM: Robert W. Bronkall, Deputy Director 

DATE: 01/18/2019

RE: URSEY, APN 510-231-027, APPS# 15181-PMS

**EUCALYPTUS AVENUE:** Section BB shown on the tentative map points the wrong direction and does not show the relationship of the improvements to the right of way lines. It is not known how the roadway will fit in with the existing improvements. The Department recommends that this be addressed prior to the project being presented to the Planning Commission.

**PROPOSED UNNAMED ACCESS ROAD:** The tentative map does not show a curb along the unnamed access road. The Department's subdivision requirements call for a Caltrans Type A2-6 curb and gutter. The curb and gutter will need to have periodic gaps in it to allow water to enter the adjacent infiltration area.

The applicant is proposing permeable pavement for the access road. The applicant may choose to not construct permeable pavement and instead provide additional infiltration areas on the parcels.

**LOW IMPACT DEVELOPMENT (LID):** The subject property is located within the municipal separate storm sewer system (MS4) boundary area. The applicant has not submitted any documentation showing the project has met and can meet MS4 requirements. Due to the size of the lots (0.5 acre), it appears that the subdivision will be able to meet LID requirements.

**PRELIMINARY SUBDIVISION REPORT:** A *preliminary report* was submitted in lieu of a *preliminary subdivision report* as specified in County Code Section 323-6(c).

**EXCEPTION REQUEST FOR RIGHT OF WAY WIDTH (UNNAMED ACCESS ROAD):** The Department can support the proposed exception request.

**EXCEPTION REQUEST FOR RIGHT OF WAY WIDTH (EUCALYPTUS ROAD):** The Department can support the proposed exception request to reduce the width of the travel lanes from 11 feet to 10 feet. A dedication of a non-vehicular access strip is not required.

**NON-COUNTY MAINTAINED ROAD NOTE:** The project will be taking access from an existing non-county maintained road. If a road maintenance association currently exists, this Department recommends that the applicant secure an agreement for annexation prior to the project being presented to the Planning Commission. If an agreement for annexation cannot be reached, then the issue of road maintenance should be discussed/addressed at the Planning Commission meeting.

// END //