

EXHIBIT A



DEPARTMENT OF PUBLIC WORKS
COUNTY OF HUMBOLDT

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	PUBLIC WORKS BUILDING SECOND & L ST., EUREKA FAX 445-7409		
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BUSINESS	445-7652	NATURAL RESOURCES PLANNING	267-9540
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CLARK COMPLEX HARRIS & H ST., EUREKA FAX 445-7388	
LAND USE	445-7205

LAND USE DIVISION INTEROFFICE MEMORANDUM

TO: Steve Lazar, Senior Planner

FROM: Ken Freed, Assistant Engineer 

RE: **SUBDIVISION REQUIREMENTS - IN THE MATTER OF THE FELMLEE, APPLICATION # PLN-2023-18300 PMS, APN 303-121-034, FOR APPROVAL OF A TENTATIVE MAP, CONSISTING OF 7.93 ACRES INTO 3 PARCELS**

DATE: 10/10/2023
02/20/2024 *revised tentative map*

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 Lost Coast Land Surveying – Stephen Drake dated July 2023 and dated as received by the Humboldt County Planning Division on August 15, 2023 and revised January 17, 2024.

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 §326-31. 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 an electronic copy of the subdivision map, in pdf format, as filed by the County Recorder. [Reference: Government Code §66466(f)]

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 §326-13 prior to review of the improvement plans, review of the subdivision map, or the construction of improvements, whichever occurs first.

1.4 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.

1.5 FURTHER SUBDIVISION

At least some of the parcels may be further divided; therefore, the applicant shall conform to Humboldt County Code §323-6(a)(5), Statements to Accompany a Tentative Subdivision Map.

1.6 DEDICATIONS

The following shall be dedicated on the subdivision map, or other document as approved by this Department:

(a) EGGERT ROAD (3J340):

Public Road: Applicant shall cause to be dedicated on the subdivision map to the County of Humboldt an easement for public road purposes lying within 30 feet of the center line 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.

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.

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) 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 an NBU for this project.

1.7 LINES OF OCCUPATION

Applicant shall provide prospective buyers with notice of any fences that are not on the property lines.

2.0 IMPROVEMENTS

2.1 CONSTRUCTION PLANS

Pursuant to County Code §326-3, 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. (See County code §326-3)

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.

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 ACCESS ROADS

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

(a) EGGERT ROAD (County Road No. 3J340)

- If applicant does not require on-street parking, Eggert Road shall be constructed having a typical section comprised of two 10 foot wide travel lanes and a 5 foot paved shoulder along the frontage of the subdivision.
- If applicant requires on-street parking, Eggert Road shall be constructed having a typical section comprised of two 10 foot wide travel lanes, an 8 foot wide parking lane, and a 5 foot wide paved shoulder along the frontage of the subdivision or in a manner satisfactory to this Department.

The widening of Eggert 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.

- (b) Nothing is intended to prevent the applicant from constructing the improvements to a greater standard.
- (c) 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.

- (d) All intersections (including driveways) shall conform to Humboldt County Code §341 regarding visibility.
- (e) The surface of the access road(s) shall conform to the *Structural Section* requirements within this document.

2.5 DRIVEWAYS

All access openings (existing and proposed) shall conform to Humboldt County Code §341 regarding visibility. All access openings (existing and proposed) shall intersect the road at a 90° angle, unless otherwise approved by this Department.

All access openings (existing and proposed) shall be paved with hot mix ("asphalt") for the width of the driveway and a distance of 25 feet from the edge of the County road. The width of the driveway shall be as approved by this Department.

Any proposed access openings to the County road will require encroachment permits from this Department. The proposed access openings will be evaluated after application is received.

That portion of a structure used for the parking of vehicles must be setback a minimum of 20 feet from easements created as a condition of tentative map approval for the purpose of moving automotive vehicles, bicycles, pedestrians, or animals. If a development plan is prepared for this project, the development plan shall note this minimum setback condition and indicate graphically the location of the setback line on the lots. [Source: Humboldt County Code §314-109.1.2.2.5]

All access openings (existing and proposed) shall be shown on the improvement plans.

2.6 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 feet of Caltrans Type A 1/2" 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.
- (b) 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.

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.

2.7 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.

2.8 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.

2.9 PERMITS

Pursuant to County Code §411-11 (a)&(b), 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.

2.10 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 NBUs 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. (Use this note when it is questionable whether or not an NBU will be required by the post office.)

2.11 GATES

Gates are not permitted on County right of way for public roads without authorization of the Board of Supervisors. Gates must not create a traffic hazard and must provide an appropriate turnaround in front of the gate. Existing gates shall be evaluated for conformance.

2.12 COMPLETION OF IMPROVEMENTS ON PARCEL MAP SUBDIVISION

When improvements are not constructed before the subdivision map is filed with the County Recorder, the following apply:

- (a) Pursuant to Government Code §66411.1 (improvement timing), fulfillment of reasonable on-site and off-site construction requirements may be imposed prior to Parcel Map filing

with the County Recorder if found necessary for the public health or safety or orderly development of the area. The following improvements are necessary for the public health or safety or orderly development of the area and shall be completed: (1) within two (2) years after the filing date of the Parcel Map, or (2) prior to issuance of a building permit on any property subject to this notice, or (3) prior to any other grant of approval for any property subject to this notice, whichever occurs first:

NONE

- (b) The following improvements shall be completed: (1) prior to issuance of a building permit on any property subject to this notice, or (2) prior to any other grant of approval for any property subject to this notice, whichever occurs first:

See Item 2.4 (a)

- (c) The following improvements shall be completed: (1) within two (2) years after the issuance of a Building Permit on any property subject to this notice, or (2) prior to issuance of an Occupancy Permit for any property subject to this notice, whichever occurs first:

NONE

2.13 DEVELOPMENT PLAN

The following note shall be placed 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 subdivision improvements must be completed within the timelines specified in the *Notice of Construction Requirements*. Building permits or other development permits cannot be obtained until the required improvements are constructed to the satisfaction of the County. The improvements required in the *Notice of Construction Requirements* 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."

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 PRELIMINARY DRAINAGE REPORTS

Any submitted reports have not been through a thorough engineering review. Detailed review and approval will be provided after the tentative map has been approved. This also applies to low impact development submittals.

3.2 DRAINAGE ISSUES

Applicant shall be responsible to correct any involved drainage problems associated with the subdivision to the satisfaction of this Department.

3.3 DRAINAGE REPORT

Applicant must submit a complete hydraulic report and drainage plan regarding the subdivision for review and approval by this Department. The report and plan must be prepared by a Civil Engineer registered by the State of California. This may require the construction of drainage facilities on-site and/or off-site in a manner and location approved by this Department.

3.4 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.

3.5 DETENTION FACILITIES

Pursuant to Humboldt County General Plan Policy WR-P37, 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.

Applicant may construct individual facilities on each lot or may provide a consolidated facility to serve the entire subdivision.

3.6 LOW IMPACT DEVELOPMENT (LID)

The subdivision is required to comply with County Code §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 PRELIMINARY SOILS AND GEOLOGIC ENGINEERING REPORT

Any submitted reports have not been through a thorough engineering review. Detailed review and approval will be provided after the tentative map has been approved.

4.2 GRADING PLAN

Pursuant to Humboldt County Code §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.

4.3 GRADING CRITERIA

Each lot shall have a building pad graded to a maximum of 2% per Humboldt County Code §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.

4.4 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.

4.5 DATUM

Grading plans shall be tied into elevation datum approved by this Department.

4.6 EROSION CONTROL

Pursuant to Humboldt County Code §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

<NONE>

6.0 DEVELOPMENT PLAN

<NONE>

7.0 LANDSCAPING

<NONE>

// END //