

EXHIBIT A



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


ON-LINE
WEB: CO.HUMBOLDT.CA.US

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| | PUBLIC WORKS BUILDING SECOND & L ST., EUREKA FAX 445-7409 | | |
| ADMINISTRATION | 445-7491 | NATURAL RESOURCES | 445-7741 |
| 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: Trevor Estlow, Senior Planner

FROM: Kenneth Freed, Assistant Engineer 

RE: SUBDIVISION REQUIREMENTS - IN THE MATTER OF THE HORNSTEIN, PLN-2024-18941 FMS, APN 500-091-064, FOR APPROVAL OF A TENTATIVE MAP, CONSISTING OF 12.3 ACRES INTO 2 PARCELS

DATE: 06/03/2024

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 John Henry Hornstein dated March 6, 2024 and received by the Humboldt County Planning Division on March 11, 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 County Code §326-21. 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 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 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 50 feet and shall be shown on the subdivision map.

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 §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 §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."
(use this paragraph private roads are within the distinctive border.)

1.7 DEDICATIONS

<NONE>

1.8 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 sensitive areas and required mitigation measures.

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 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 Splinter Road at its intersection with Idylbear Lane (a Non- County Maintained road). When the road is paved and has sufficient width, a "stop" pavement marking and limit line shall be installed.
- (b) Pursuant to County Code §324-2(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.
- (c) Street name signs shall be provided at all road intersections. In State Responsibility Areas, street name signs shall also comply with and SFSR §1274.02 [Formerly County Code §3113-11].

Note: Cal Fire has decertified the County's Fire Safe Regulations (FSR) codified in County Code Section §3111-1, et seq., as a result State's Fire Safe Regulations (SFSR) set forth in §1270.05, et seq apply. Because the County has not repealed County Code Section §3111-1, et seq, County Code requirements also apply. When there is a conflict between the County's FSR and the State's SFSR, the code affording the greatest fire protection applies. [As an example, if County FSR requires a minimum 16 foot wide road and State SFSR requires a minimum 20 foot wide road, the State's requirement for a 20 foot wide road applies as it provides the greatest fire protection.]

- (d) Fire hydrants shall be identified with a retroreflective blue colored raised pavement marker. In State Responsibility Areas, street name signs shall also comply with SFSR §1275.04 and County Code §3114-5.

2.4 ACCESS ROADS

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

- (a) **SPLINTER LANE (NOT COUNTY MAINTAINED):** Splinter Lane shall be constructed to 20 feet in width, the minimum standards in the Fire Safe Regulations (and any approved exception) and the Subdivision Ordinance based upon the total number of parcels using the road, both within and outside of the subject property. Category 3: 16' wide gravel road with 2' wide bladed shoulders on each side
- (b) 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 lots. The access road(s) from a County maintained road to the subject property; and all access road(s) (including driveways) within the subject property shall be certified by a Civil Engineer registered by the State of California to be in conformance with SFSR; and in conformance with any exceptions approved by Cal Fire. Conformance shall include but is not limited to: width of traveled way; roadway grade; curve radius; roadway surface; turnouts; turnaround areas; and maximum length of dead-end road. Certification shall be made in a manner approved by this Department.
- (e) In the event that the Civil Engineer is unable to certify that the road(s) are in conformance, the applicant shall cause construction plans to be prepared by a Civil Engineer that show

what improvements need to be constructed to bring the road(s) into conformance. The plans shall be submitted for review by this Department. Once the construction plans are authorized for construction by this Department and the applicant constructs the improvements, the engineer shall certify that the road(s) are in conformance.

- (f) Note: Off-site improvements to access roads (such as curve realignments, grade realignments, and turnouts) may require acquisition of easement(s) to construct the proposed road improvements. The applicant is responsible for acquiring any easements and permits that may be necessary to construct the improvements.
- (g) Nothing is intended to prevent the applicant from constructing the improvements to a greater standard.
- (h) 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.
- (i) The surface of the access road(s) shall conform to the *Structural Section* requirements within this document.

2.5 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.

- (c) **For unpaved road surfaces**, the structural section shall include a minimum, of 0.5 foot of Caltrans Class 2 aggregate base. Paved surfaces are required for grades in excess of 16%.

2.6 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.

2.7 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.

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.

4.0 GRADING

<NONE>

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 § 324-2 (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.

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 Idylbear Lane and Splinter Lane.

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 is not required for driveways; as driveways serve only one parcel. A maintenance plan is *optional* for roads that serve only two parcels. A maintenance plan is required for roads serving three or more parcels.

6.0 DEVELOPMENT PLAN

<NONE>

7.0 LANDSCAPING

<NONE>

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