



EXHIBIT A

DEPARTMENT OF PUBLIC WORKS COUNTY OF HUMBOLDT

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FACILITY MANAGEMENT	445-7493	ROADS	445-7421

LAND USE 445-7205

LAND USE DIVISION INTEROFFICE MEMORANDUM

TO: Kimberly Clark, Planner

FROM: Brenda Howell, Associate Civil Engineer *BH*

RE: SUBDIVISION REQUIREMENTS - IN THE MATTER OF THE BUSH,
APPLICATION # PLN-2023-18104 PMS, APN 204-152-041, FOR APPROVAL
OF A TENTATIVE MAP, CONSISTING OF 6.3 ACRES INTO 2 PARCELS

DATE: 03/23/2023

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 Ontiveros & Associates dated February 9, 2023, and dated as received by the Humboldt County Planning Division on February 17, 2023.

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 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. [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 §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."

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

- (a) 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 Chuckhole Lane is improved to minimum standards outlined in the State Fire Safe Regulations, California Code of Regulations (CCR), Title 14 natural Resources, Division 1.5 Department of Forestry, Chapter 7 – Fire Protection, Subchapter 2 SRA Fire Safe Regulations, which have been established pursuant to California Public resource Code §4290 et seq. Per §1273.01, a minimum 20 foot wide road is required. 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.
- (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.

1.8 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 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.

The construction plan submittal requirement may be waived if an exception request for the existing road width is approved by CalFire.

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) 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. (last paragraph for private roads)
- (b) Street name signs shall be provided at all road intersections. In State Responsibility Areas, street name signs shall also comply with State Minimum Fire Safe Regulations CCR §1274.02. [Formerly County Code §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 State Minimum Fire Safe Regulations §1275.04.
- (d) Note: Fire Safe Regulations set forth in County Code §3111-1, et seq. have been superseded by the 01/01/2020 CCR since County Code has not been recertified by the Department of Forestry pursuant to §1270.04.
- (e) 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.

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

- (a) **CHUCKHOLE LANE:** Construct a 20 foot wide road per SFSR §1273.01 from the northeast corner of APN 204-152-043 to the subject parcels.
- (b) 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.

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

- 2.8 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 Postmaster. 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.

- 2.9 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.

- 2.10 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 twenty-four (24) months 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:

See Item 2.4(a).

- (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:

<NONE>

- (c) The following improvements shall be completed: (1) within twenty-four (24) months 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>

2.11 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.

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 Chuckhole 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

The following are required for all development plans:

<NONE>

7.0 LANDSCAPING

<NONE>

// END //



EXHIBIT A

DEPARTMENT OF PUBLIC WORKS COUNTY OF HUMBOLDT

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LAND USE 445-7205

LAND USE DIVISION INTEROFFICE MEMORANDUM

TO: Kimberly Clark, Planner

FROM: Brenda Howell, Associate Civil Engineer 

DATE: 03/23/2023

RE: 204-152-041 BUSH PLN-2023-18104 PMS

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

CALFIRE EXCEPTION: Fire Safe Regulations set forth in County Code §3111-1 et seq. have been superseded by the 01/01/2020 California Code of Regulations (CCR), since County Code has not been recertified by the Department of Forestry pursuant to CCR Section 1270.04. CCR Title 14, Division 1.5, Chapter 7, Subchapter 2 shall be used instead of County Code.

The project has applied for and received an exception for CCR §1273.08 [formerly County Code §3112-11] Dead-end Roads.

A 20 foot wide road is required per State Minimum Fire Safe Regulations CCR §1273.01. The existing road section (approximately 450 feet length) starting from the easterly boundary line of APN 204-152-043 to the subject parcel is a twelve to thirteen foot (12'-13') wide paved roadway. Applicant may wish to apply for an exception request to CalFire for a reduced road width.

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//