

ATTACHMENT 1B

Public Works Subdivision Requirements



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

ADMINISTRATION	445-7491	NATURAL RESOURCES	445-7741
BUSINESS	445-7652	NATURAL RESOURCES PLANNING	267-9540
ENGINEERING	445-7377	PARKS	445-7651
FACILITY MANAGEMENT	445-7493	ROADS	445-7421

CLARK COMPLEX
HARRIS & H ST., EUREKA
FAX 445-7388
LAND USE 445-7205

LAND USE DIVISION INTEROFFICE MEMORANDUM

TO: Steven Lazar, Senior Planner

FROM: Robert W. Bronkall, Deputy Director 

RE: SUBDIVISION REQUIREMENTS - IN THE MATTER OF THE COLLINS,
APPLICATION #PLN-2022-17740 PMS, APN 509-061-025, FOR APPROVAL
OF A TENTATIVE MAP, CONSISTING OF 10 ACRES INTO 4 PARCELS

DATE: 06/30/2022
10/24/2022 revised

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 Green Road Consulting dated 09/06/2022 and dated as received by the Humboldt County Planning Division on 09/06/2022.

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 326-31. 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.

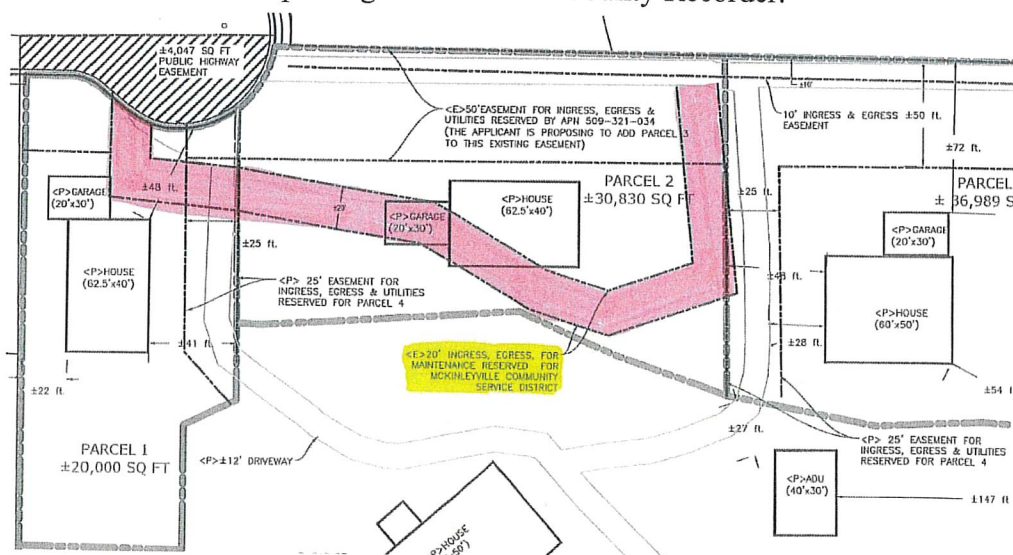
All Department charges associated with this project must be paid in full prior to the subdivision map being submitted to the County Recorder for filing.

Applicant shall submit to this Department a “.pdf” scan 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 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.

The existing 25 foot wide easement of MCSD shall be quitclaimed (and relocated as necessary) prior to the subdivision map being filed with the County Recorder.



Above: Diagram showing the existing MCSD easement in pink.

- 1.5 PARCEL LINES:** The applicant may make adjustments to the proposed parcels lines that will better accommodate building sites, fire safe setbacks, and zoning setbacks. This may include making Parcel 4 a flag lot.
- 1.6 FURTHER SUBDIVISION:** At least some of the parcels may be further divided; therefore, the applicant shall conform to Humboldt County Code Section 323-6(a)(5), Statements to Accompany a Tentative Subdivision Map.
- 1.7 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."

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

(a) SUTTER ROAD (PUBLIC ROAD):

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.

Slopes: When cut and fill slopes adjacent to the road are proposed (or currently exist), applicant shall cause to be dedicated to the County of Humboldt a slope maintenance easement to a point 10 feet beyond the toe of fill slopes or top of cut slopes in a manner approved by this Department. The applicant is only responsible to cause to be dedicated lands that are included within the boundary of the proposed subdivision.

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) UNNAMED ACCESS ROAD: Applicable if the driveway alternative is not used.

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 25 feet in width.

1.9 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 Section 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. 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).

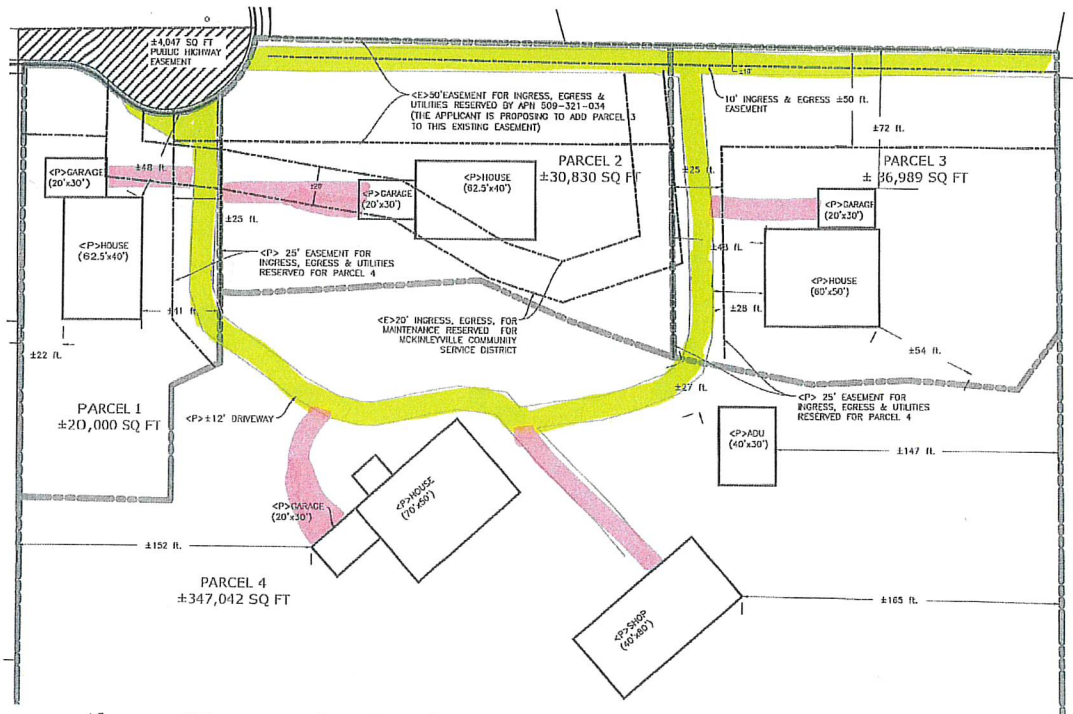
Fire hydrants, neighborhood box units for mail, utility poles (including down guys), street lights, or other obstructions will not be allowed in sidewalks unless approved by this Department.

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

(a) **SUTTER ROAD (County Maintained):** Construct 5 foot wide landscape strip (4.5' useable) and 5' wide PCC sidewalk along the frontage of the subdivision. Repair any damaged curb and gutter. Construct Urban Driveway No. 1.

- (b) **UNNAMED ACCESS ROADS (Not County maintained):** The unnamed access roads shall be constructed to Fire Safe Standards being a Category 4 road, and any Cal-Fire approved exception requests. As an alternative to constructing a road, the applicant may construct a series driveways as set forth in Item 2.6.



Above: Diagram showing the proposed unnamed access road for the subdivision as depicted on the tentative map. Access road in yellow; driveways (approximated) in pink.

- 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 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.

- 2.6 DRIVEWAYS:** All access openings (existing and proposed) shall conform to Humboldt County Code Section 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 constructed to County Urban #1 driveway standards. Surfacing shall be hot mix ("asphalt") or Portland Cement concrete for the width of the driveway.

As an alternative to constructing a category 4 access road, the applicant may wish to construct a series of driveways.

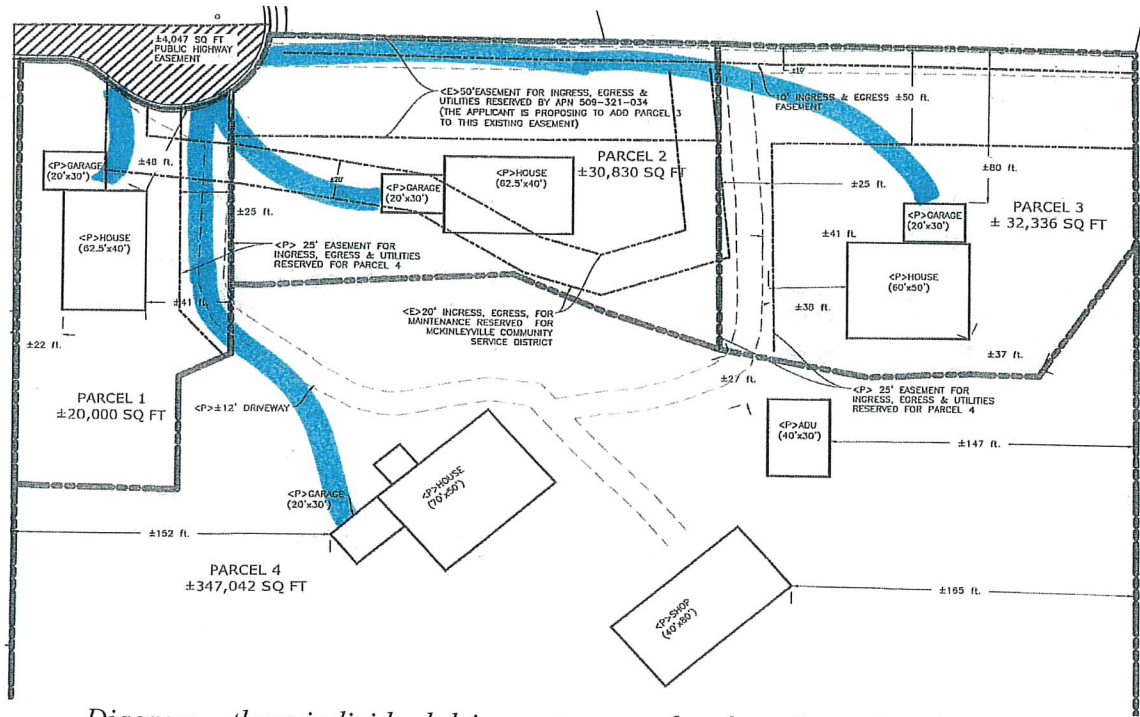


Diagram – three individual driveway approaches from Sutter Road (4L080)

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 Section 314-109.1.2.2.5]

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

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.

- 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:

- 2.13** Pursuant to Government Code section 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:

<NONE>

- 2.14** 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:

- Road Improvements in Item 2.4.
- Consolidated storm water retention/detention facilities in Item 3.4.

- 2.15** 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>

- 2.16** 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 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. 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. In the preparation of drainage plans, applicant shall comply with the Community of McKinleyville County Storm Water Management Program.
- 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.

In McKinleyville, the drainage report shall address increased runoff from all development that occurred after 12/10/2002.

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.

- 3.5 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

<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 Section 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 UNNAMED ACCESS ROAD.
- A maintenance plan for any consolidated storm water retention/detention facilities.

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.

A maintenance plan for projects that contain consolidated 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.

6.0 DEVELOPMENT PLAN

<NONE>

7.0 LANDSCAPING

7.1 LANDSCAPING PLAN: A landscape plan is required for all landscaping within the public right of way pursuant to Section 13 of the Appendix to Title III, Division 2, Humboldt County Code. The plans must show the proposed irrigation facilities. The plan shall be prepared by a landscape architect or other qualified professional as approved by this Department. Monument signs, if proposed, and landscaping shall be shown on the plan and shall conform with Humboldt County Code Section 341 regarding visibility. All work and materials shall be warranted for a minimum of 1 year from filing of the subdivision map, unless otherwise approved by this Department. The landscape plan shall be approved by this Department. It must include a minimum of the following:

- (a) List of species to be planted (common name and scientific name).
- (b) An irrigation system. All landscaping that is not drought tolerant shall be maintained by a permanent automatic irrigation system.
- (c) Planting and fertilization method
- (d) Maintenance Manual
- (e) Staking Method for trees

- (g) Landscaping within the right of way shall consider appropriate screening for utilities and structures such as gas meters, electrical meters, telephone pedestal-mounted terminal boxes, surface mounted electrical transformers, etc.

7.2 SPECIES: A list of approved trees and shrubs shall be shown on the development plan as the only trees and shrubs permitted in the parkway area, unless otherwise approved by this Department. Utilize native species when appropriate.

7.3 MAINTENANCE: Landscaping along the frontage of public streets is the responsibility of the adjacent lot owner. Landscaping along the frontage of private roads is the responsibility of the road maintenance association for the private road or is the responsibility of the adjacent lot owner.

This Department may maintain landscaping along collector or arterial roads when permanent funding source is made available.

// END //



DEPARTMENT OF PUBLIC WORKS
COUNTY OF HUMBOLDT
MAILING ADDRESS: 1106 SECOND STREET, EUREKA, CA 95501-0579
AREA CODE 707

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

PUBLIC WORKS BUILDING
SECOND & L ST., EUREKA
FAX 445-7409

ADMINISTRATION
BUSINESS
ENGINEERING
FACILITY MANAGEMENT

445-7491
445-7652
445-7377
445-7493

NATURAL RESOURCES
NATURAL RESOURCES PLANNING
PARKS
ROADS

445-7741
267-9540
445-7651
445-7421

CLARK COMPLEX
HARRIS & H ST., EUREKA
FAX 445-7388
LAND USE 445-7205

LAND USE DIVISION INTEROFFICE MEMORANDUM

TO: Steve Lazar, Senior Planner

FROM: Robert W. Bronkall, Deputy Director

[Handwritten signature]
FIL

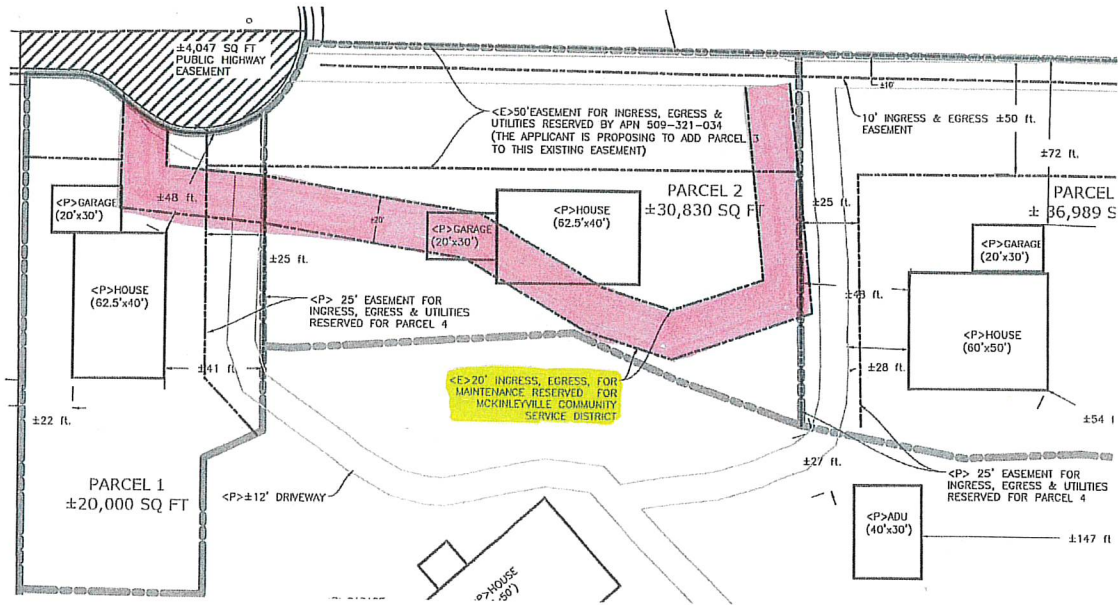
DATE: 10/24/2022

RE: COLLINS, APN 509-061-025, PLN-2022-17740 PMS

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

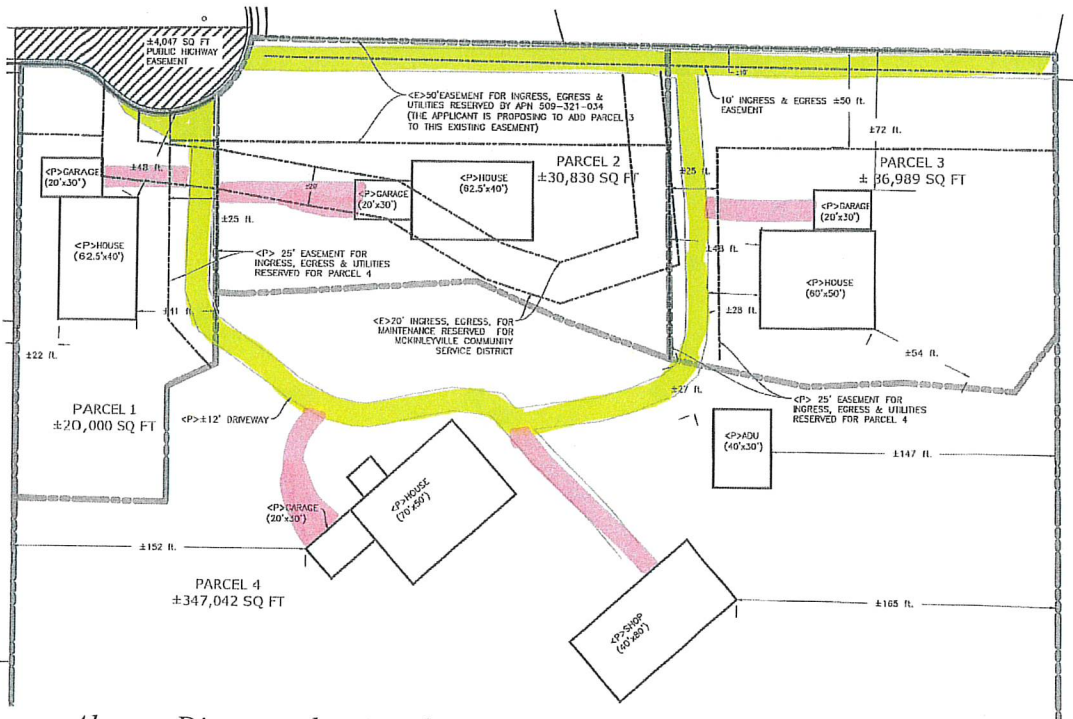
PARCEL LINES: The proposed parcel lines shown on the tentative map will need to be adjusted to create adequate building sites that comply with Fire Safe setbacks and County Zoning setbacks. Public Works has conditioned the project (Item 1.5) to allow the applicant may make adjustments with the proposed parcels lines to better accommodate building sites, fire safe setbacks, and zoning setbacks. This may include making Parcel 4 a flag lot.

MCSD EASEMENT: An existing 20 foot wide MCSD easement affects the ability for Parcel 2 to be developed. It also affects Parcel 1 to a lesser degree. The easement will need to be quitclaimed by MCSD and re-established in a more geographically convenient location that will allow the subdivision to be built. Public Works has conditioned the project (Item 1.4) to require that quitclaim and relocation of the easement (if needed) prior to the subdivision map being filed with the County Recorder.

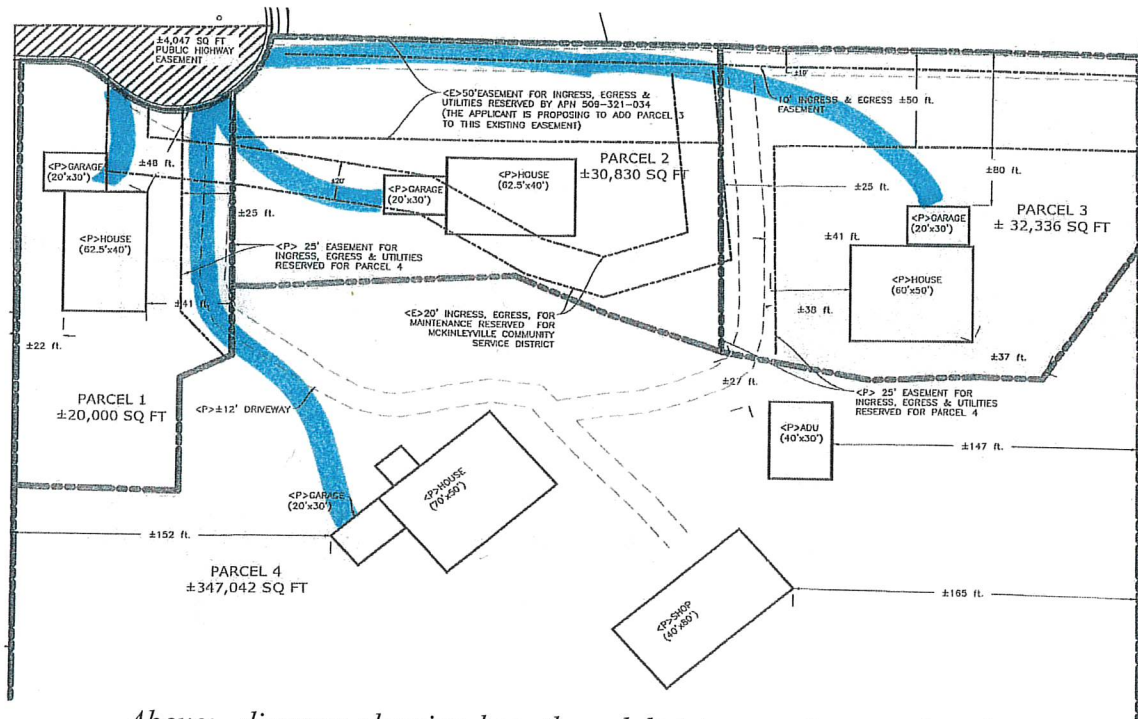


Above: Diagram showing the existing MCS D easement in pink.

DRIVEWAYS VERSUS ACCESS ROADS: In lieu of constructing an access road that complies with Fire Safe Regulations (Category 4 standards), Public Works has conditioned the subdivision with an option to allow the applicant to develop a series of driveways to serve the parcels. This will eliminate the need for a category 4 access road. Driveways serve one parcel; roads serve more than one parcel.



Above: Diagram showing the proposed access road for the subdivision as depicted on the tentative map. Access road in yellow; driveways (approximated) in pink.



Above: diagram showing how the subdivision can be served with a series of driveways in lieu of an access road.

EXCEPTION REQUEST: Public Works can support a County Code 325-9 Exception Request to reduce the width of the proposed access easement across Parcel 1 for the benefit of Parcel 4. To 25 feet as shown on the tentative map.

// END //