HUMBOLDT COUNTY DEPARTMENT OF PUBLIC WORKS
ROAD EVALUATION REPORT

PART A: *Part A may be completed by the applicant*

Applicant Name: _Empress Farms LK_ APN: _104.-321-001_

Planning & Building Department Case/File No.: _____

Road Name: _Private Drive_ *(complete a separate form for each road)*

From Road (Cross street): _Mattole Rd_

To Road (Cross street): _End_

Length of road segment: _0.35_ miles Date Inspected: _4/22/25_

Road is maintained by: ☐ County ☐ Other _____
(State, Forest Service, National Park, State Park, BLM, Private, Tribal, etc)

Check one of the following:

Box 1 ☐ The entire road segment is developed to Category 4 road standards (20 feet wide) or better. If checked, then the road is adequate for the proposed use without further review by the applicant.

Box 2 ☐ The entire road segment is developed to the equivalent of a road category 4 standard. If checked, then the road is adequate for the proposed use without further review by the applicant.

An equivalent road category 4 standard is defined as a roadway that is generally 20 feet in width, but has pinch points which narrow the road. Pinch points include, but are not limited to, one-lane bridges, trees, large rock outcroppings, culverts, etc. Pinch points must provide visibility where a driver can see oncoming vehicles through the pinch point which allows the oncoming vehicle to stop and wait in a 20 foot wide section of the road for the other vehicle to pass.

Box 3 ☒ The entire road segment is not developed to the equivalent of road category 4 or better. The road may or may not be able to accommodate the proposed use and further evaluation is necessary. Part B is to be completed by a Civil Engineer licensed by the State of California.

The statements in PART A are true and correct and have been made by me after personally inspecting and measuring the road. A map showing the location and limits of the road being evaluated in PART A is attached.

_____ Signature

_5/1/25_ Date

Marvin Chapman
Name Printed

Important: Read the instructions before using this form. If you have questions, please call the Dept. of Public Works Land Use Division at 707.445.7205.

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PART B: Only complete Part B if Box 3 is checked in Part A. *Part B is to be completed by a Civil Engineer licensed by the State of California. Complete a separate form for each road.*

Road Name: _Private Dam_ Date Inspected: _4/25/25_ APN: _104-321-001_

From Road: _Mattole Rd_ (Post Mile _15.0_) Planning & Building Department Case/File No.:

To Road: _end_ (Post Mile _0.50_) _____

1. What is the Average Daily Traffic (ADT) of the road (including other known cannabis projects)?
   Number of other known cannabis projects included in ADT calculations:
   (Contact the Planning & Building Department for information on other nearby projects.)

   ADT: _10_ Date(s) measured: _4/25/25_ _____

   Method used to measure ADT: ☐ Counters ☒ Estimated using ITE *Trip Generation* Book

   Is the ADT of the road less than 400? ☒ Yes ☐ No

   > If **YES**, then the road is considered very low volume and shall comply with the design standards outlined in the American Association of State Highway and Transportation Officials (AASHTO) *Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT ≤400). Complete sections 2 and 3 below.*
   >
   > If **NO**, then the road shall be reviewed per the applicable policies for the design of local roads and streets presented in AASHTO *A Policy on Geometric Design of Highways and Streets*, commonly known as the "Green Book". Complete section 3 below.

2. Identify site specific safety problems with the road that include, but are not limited to: (Refer to Chapter 3 in AASHTO *Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT ≤400)* for guidance.)

   A. Pattern of curve related crashes.
      Check one: ☒ No. ☐ Yes, see attached sheet for Post Mile (PM) locations.

   B. Physical evidence of curve problems such as skid marks, scarred trees, or scarred utility poles
      Check one: ☒ No. ☐ Yes, see attached sheet for PM locations.

   C. Substantial edge rutting or encroachment.
      Check one: ☒ No. ☐ Yes, see attached sheet for PM locations.

   D. History of complaints from residents or law enforcement.
      Check one: ☒ No. ☐ Yes (☐ check if written documentation is attached)

   E. Measured or known speed substantially higher than the design speed of the road (20+ MPH higher)
      Check one: ☒ No. ☐ Yes.

   F. Need for turn-outs.
      Check one: ☐ No. ☒ Yes, see attached sheet for PM locations.
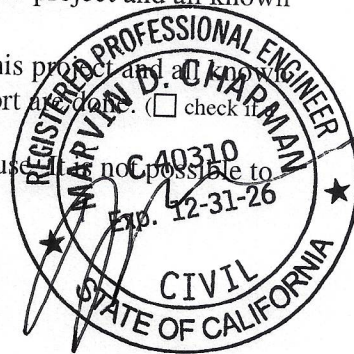
3. Conclusions/Recommendations per AASHTO. Check one:

   ☒ The roadway can accommodate the cumulative increased traffic from this project and all known cannabis projects identified above.

   ☐ The roadway can accommodate the cumulative increased traffic from this project and all known cannabis projects identified above, if the recommendations on the attached report are done. (☐ check if a *Neighborhood Traffic Management Plan* is also required and is attached.)

   ☐ The roadway cannot accommodate increased traffic from the proposed use. It is not possible to address increased traffic.

A map showing the location and limits of the road being evaluated in PART B is attached. The statements in PART B are true and correct and have been made by me after personally evaluating the road.

_____ _5/1/25_
Signature of Civil Engineer Date

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Chapman Engineering
P.O. Box 2756
McKinleyville, CA 95519
707-839-0298
Chapman@Tidepool.com

Owner	Empress Farms LLC
Address	37593 Mattole Rd Petrolia,
AP #	104-321-001
Date	May 1, 2025

I have visited the site and evaluate the road accessing this parcel as well as the adjacent parcel north.

My observations are as follows.

The road is a single track minimum 10' wide with adequate wide places that serve as turnouts. The road surface is native material with no gravel. The road surface is moderately rutted but not to the point where it is difficult to drive. The surrounding terrain is well vegetated and no runoff from the road is to be expected. The entire site is flat and the tendency is for water to stand in low areas for a few days until it either evaporates or infiltrates.

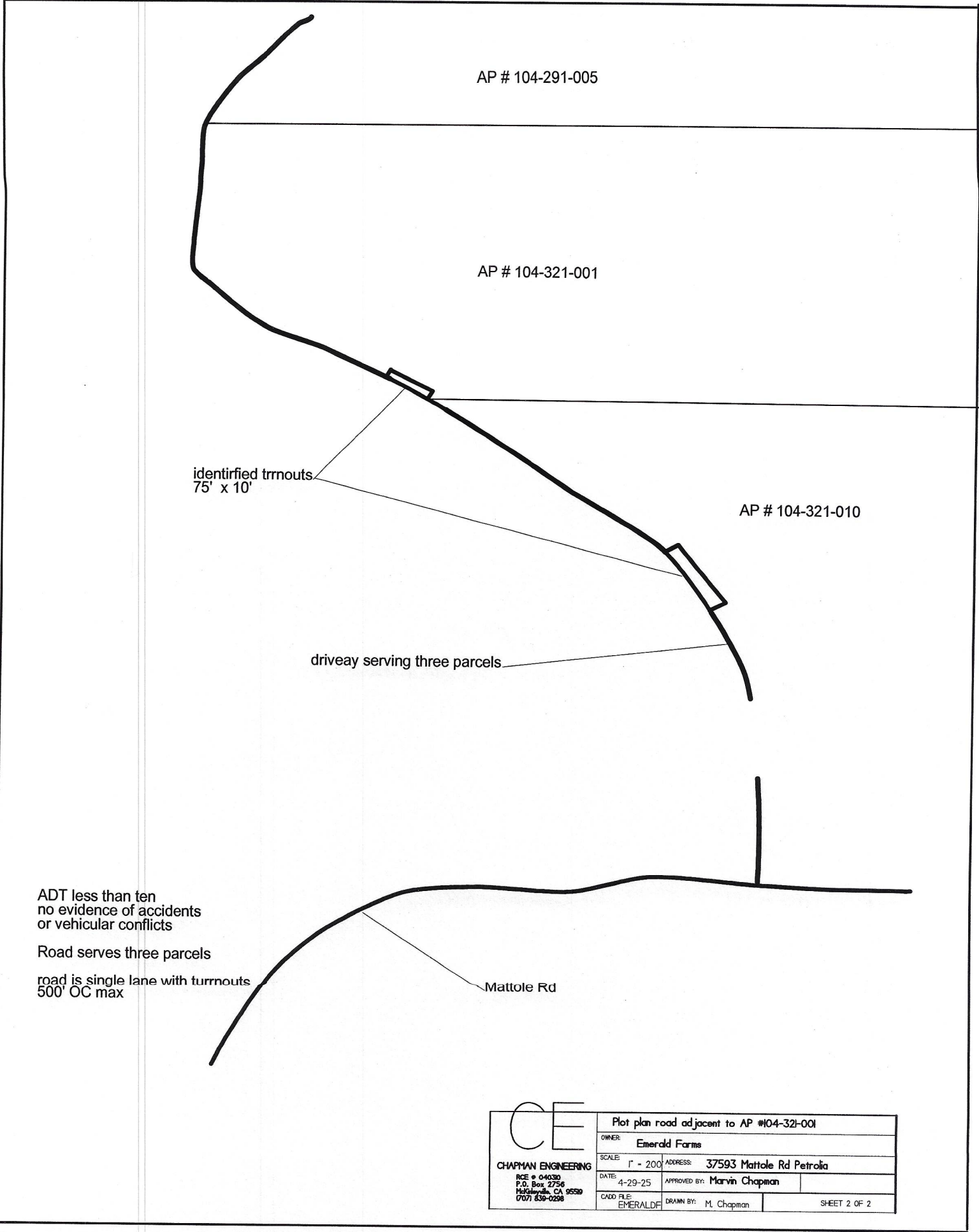I would expect no surface runoff to leave the property from the road prism.

There is no evidence of wetland dependent vegetation of wildlife associated with any portion of this road.

The expected daily ADT from all three parcels served by this road starting at Mattole Rd is less than ten.

If you have any questions, please call me.

Thank You

Marvin Chapman

AP # 104-291-005

AP # 104-321-001

AP # 104-321-010

identirfied trrnouts
75' x 10'

driveay serving three parcels

ADT less than ten
no evidence of accidents
or vehicular conflicts

Road serves three parcels

road is single lane with turrnouts
500' OC max

Mattole Rd

CE	Plot plan road adjacent to AP #104-321-001		
CHAPMAN ENGINEERING	OWNER: Emerald Farms		
RCE # 046030 P.O. Box 2756 Middleville, CA 95559 (707) 838-0298	SCALE: 1" = 200'	ADDRESS: 37593 Mattole Rd Petrolia	
	DATE: 4-29-25	APPROVED BY: Marvin Chapman	
	CADD FILE: EMERALDF	DRAWN BY: M. Chapman	SHEET 2 OF 2