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March 22, 2024

Rodney Yandell
Humboldt County Planning Department
3015 H Street
Eureka, CA 95501

Re: Tomasini -Rezoning Agriculture Exclusive to Timberland Production Zone.

Dear Mr. Estlow:

Enclosed is the information required by C.G.C. 51004(t) which is necessary for Wayne and Anna Tomasini to add non-TPZ zoned timberland to the existing TPZ lands on their property near Redwood Creek CA.

The property is located in portions of Sections 12; T5N:R3E; Sections 7; T5N:R4E; HB&M. Parcels include Assessor Parcel Numbers 316-195-002, 316-196-004 and 316-196-007. Parcel 316-196-004 is zoned as TPZ with a minor amount of AE-B-5. The remaining 2 parcels within the property (see attached map) are zoned as AE-B-5 and/or unclassified. These parcels consist of Assessor Parcel Numbers 316-195-002 and 316-196-007. The landowner/timberland owner requests to reclassify the parcels from AE/Unclassified to TPZ. Combined, the present parcels proposed for TPZ have a total assessed acreage of 119.50 acres.

APN	+Assessed Acres
316-195-002	38.0
316-196-007	81.5
Total	119.50

C.G.C. 51004(t) states that timberlands to be added must meet the following criteria:

1. Areas to be rezoned TPZ must be in the same ownership and contiguous to TPZ zoned timberlands.

All of the areas to be rezoned are contained within the same ownership and are contiguous with other TPZ parcel 316-196-004 in the ownership.

2. Areas to be rezoned must be "devoted to and used for growing and harvesting timber and compatible uses.

The areas proposed for rezoning have been managed for timber for over since prior to the 1940's. This is the anticipated current use and proposed future use for the property.

3. Areas must be "capable of growing an average annual volume of wood fiber of at least 15 cubic feet per acre"

The subject non-TPZ zoned timberlands have the following named soil types per Natural Resources Conservation Service, Web Soil Survey.

447 – Hullygully-Burroin complex, 50 to 75 percent slopes - This is a timber stand with very gravelly loam to very gravelly silty clay loam, deep (71 inches plus) well drained soil type. The parent material is colluvium and residuum derived from schist. Timber production is indicated as high to very high.

446 – Bagaul-Burroin-Redtop - complex, 15 to 50 percent slopes - This is a timber stand with gravelly loam to gravelly clay loam, deep (61 inches plus) well drained soil type. The parent material is colluvium and residuum derived from schist. Timber production is indicated as high to very high.

Timber Site and Production:

The site class of the non-TPZ timberlands is site III. This is based on California soil/vegetation maps of the area, as well as height and growth measurements of the timber present on the parcels. Trees were measured (Diameter at Breast Height and Total Height) and increment bored to determine ring count. Diameters bored ranged from 16 inches to 24 inches Diameter Breast Height, with ring counts averaging six rings per inch. Growth in relation to height was measured and ranged from 2 ½ to 3 feet per year. Measurements of diameter, height, and age for the Douglas-fir on the areas to be rezoned, indicated a Site Index of 120+/- . These measurements correspond to a site class of site III Douglas-fir land.

Measurements indicated an average conifer Basal Area ranging between 73 to 120 square feet per acre of conifer tree species. Present conifer stocking is above the threshold of satisfactory conifer stocking as per California State Forest Practice Rules.

The growth potential for these parcels, as indicated by published yield table (Bulletin 201), is well in excess of 15 cubic feet of conifer growth per acre per year according to published yield tables for site III Douglas- fir land. Based on estimates from the published tables, the growth should be at a rate of at least 600 board feet per acre per year (70 to 110 cubic feet), or better. The present board foot growth rate for the parcels are approximately 1050 board feet per acre per year. This exceeds the minimum calculated tables. Information derived from 2022 CIFIP Forest Management Plan on file

with Hohman and Associates Forestry Consulting, INC.

Management History:

The Redwood Creek property was originally logged prior to the 1940's, harvesting old growth Douglas-fir across the parcels. The parcels were logged again in the 1950's and the 1980's, removing the remaining residual old growth and clearcutting the second growth. At present, the third growth Douglas-fir stand has a moderate density and would be expected to be harvested within the next ten years. The main road system has been utilized within the last ten years installing new drainage structures and maintaining a solid road base. The landowner has forestry and road projects approved through NRCS and CFIP and is actively improving the timber stands and infrastructure on the property.

Recommended Silviculture:

The parcels have a mix of gentle to steep slopes. They also have a primarily eastern aspect with a general site class that benefits timber production. The timber parcels would be best managed under unevenaged management. This type of silviculture would utilize single tree and group selections. Removing the hardwood as it became merchantable while increasing the conifer component until it reached merchantability. This management plan would utilize artificial conifer regeneration, if natural regeneration did not become established. This would ensure adequate stocking levels of conifers to occupy the site. Group selection units can be no larger than 2.5 acres in size and must be separated by areas of like size. This would mean that only a portion of the area would be harvested at any one time. The use of unevenaged management on this parcel will mean that merchantable volume could be harvested periodically, while maintaining a forested component.

Cutting Cycle, Stand Regulation and Regeneration, and Intermediate Treatments:

Due to the current species composition within the property and the size of the current stand, the initial entry will be a combination of single tree and group selection. This type of harvest would remove about one third of the Douglas-fir and approximately half of the merchantable hardwood, replacing it with conifer regeneration. Artificial regeneration will be used if necessary (conifer seedlings, Douglas-fir and redwood). This harvest will most likely take place within approximately ten years (by year 2034). If artificial regeneration is used the seedlings will be planted to approximately 150 seedlings per acre.

The second entry would occur approximately 10 to 15 years after the first entry. A single tree or group selection will be used to harvest the Douglas-fir and merchantable hardwood. In areas where seedlings are planted approximately 150 trees will be planted per acre.

The third entry would occur approximately ten years following the second entry. This entry will be a single tree and/or group selection removing merchantable Douglas-fir and hardwood. After this entry most of the merchantable hardwood on the parcel should have been harvested. In areas where seedlings are planted approximately 150 trees will be planted per acre.

The fourth entry would-be in approximately ten years following the third entry. This harvest would be a single tree selection and/or thinning on the first area harvested, favoring the best growing most wind firm trees as leave trees. Approximately 30% of the basal area would be removed. The scattered residual conifers in the harvest area would also be removed in conjunction with the thinning of the new age class.

The fifth entry would be approximately ten years following the fourth entry. The harvest would be a single tree selection and/or thinning on the second area harvested, favoring the best growing most wind firm trees as leave trees. Approximately 30% of the basal area would be removed. The scattered residual conifers associated with the second selection area would also be removed in conjunction with this harvest.

This type of harvesting would allow for an area to be entered while still maintaining growth and a forested component. The entries would be staggered due to the initial harvest dates. The initial thinning harvests would occur on any single area over a possible ten -year period at age 35 - 45 years with group selections occurring at approximately age 80.

Condition of Access System:

The appurtenant roads are permanent and seasonal. Non appurtenant roads include private, county and state Highway 299. Future owners of the property will have the right to access the parcels from any point along these roads. The permanent roads have a rocked surface that is in very good condition allowing for year-round access. The parcels contain several seasonal dirt roads. These roads are in good condition and usable for vehicular traffic at this time, with minor blading and brush removal.

Harvesting System:

The slopes on the parcel range from 10% to 75% with an average of 35%. There are numerous existing skid trails and one main truck road that allow access to the property. The recommended yarding system is a combination of tractor within the gentler to moderate slopes with a minor amount of yarder across the steep slopes scattered through the parcels.

Conclusion:

The area for rezoning to Timber Production Zoned lands on the parcels is shown on the attached map. These parcels combined with the existing TPZ parcel will create a 278.50 +/- acre TPZ zoned property. The areas are timbered with Douglas-fir and hardwood. The parcels maintain a conifer and hardwood stand and are stocked as defined by the California Forest Practice Rules. No grassland or nonstocked areas over 3 acres are present within the subject parcels. In summary, the above parcels have the capability of growing well in excess of 15 cubic feet per acre per year and should be placed within the Timber Production zone.


Should you have any further questions, please feel free to contact me.

Stephen Hohman

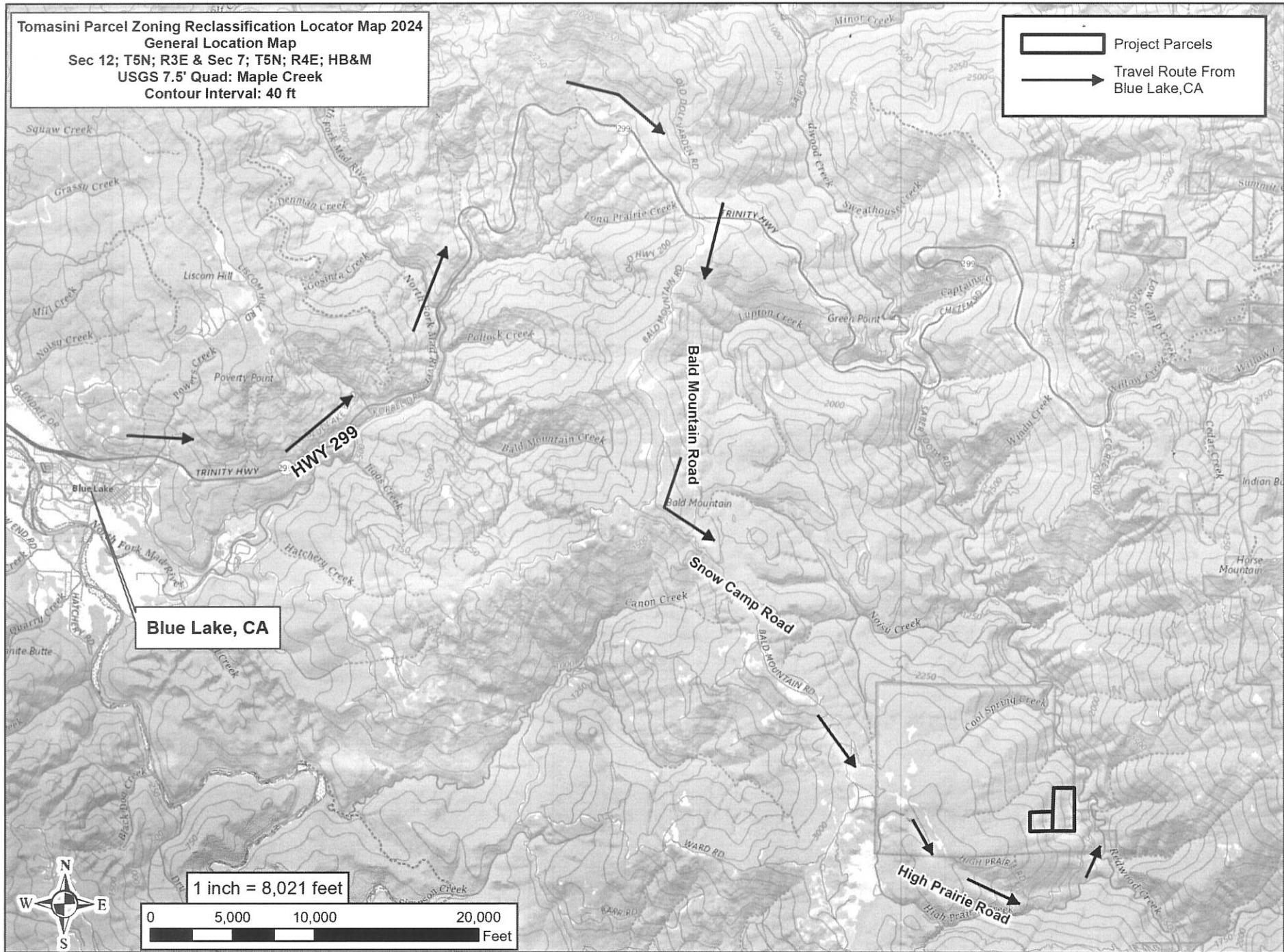
Stephen Hohman, RPF #2652
Hohman and Associates Forestry Consultants, Inc.



Tomasini Parcel Zoning Reclassification Locator Map 2024
 General Location Map
 Sec 12; T5N; R3E & Sec 7; T5N; R4E; HB&M
 USGS 7.5' Quad: Maple Creek
 Contour Interval: 40 ft

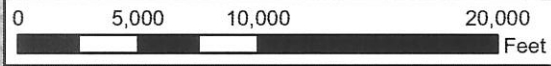


 Project Parcels
 Travel Route From Blue Lake, CA

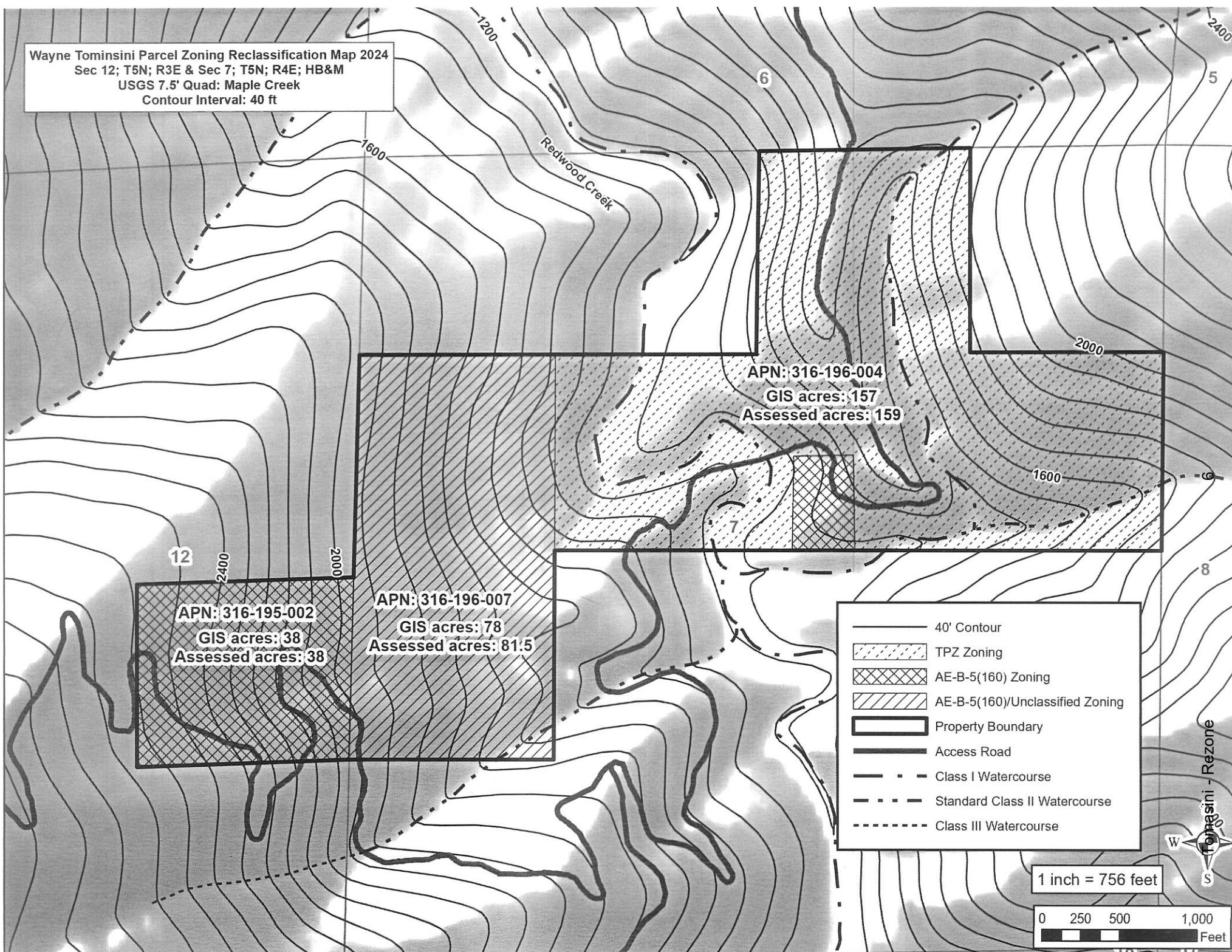


Blue Lake, CA

1 inch = 8,021 feet



Wayne Tominsini Parcel Zoning Reclassification Map 2024
Sec 12; T5N; R3E & Sec 7; T5N; R4E; HB&M
USGS 7.5' Quad: Maple Creek
Contour Interval: 40 ft



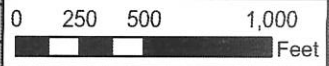
APN: 316-195-002
GIS acres: 38
Assessed acres: 38

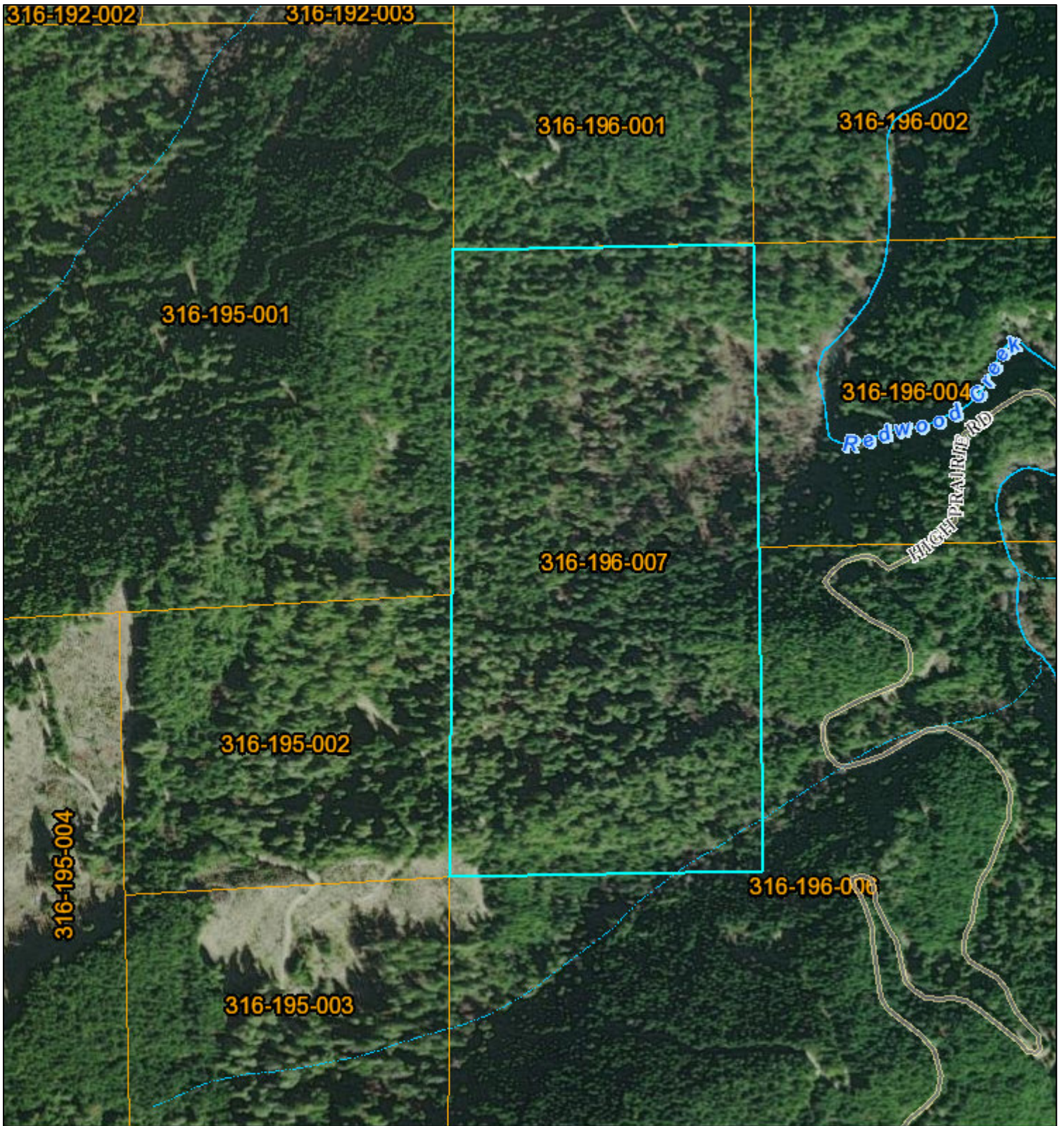
APN: 316-196-007
GIS acres: 78
Assessed acres: 81.5

APN: 316-196-004
GIS acres: 157
Assessed acres: 159

- 40' Contour
- TPZ Zoning
- AE-B-5(160) Zoning
- AE-B-5(160)/Unclassified Zoning
- Property Boundary
- Access Road
- Class I Watercourse
- Standard Class II Watercourse
- Class III Watercourse

1 inch = 756 feet





316-195-002 & 316196-007

Humboldt County Planning and Building Department

- | | | |
|---------------------------|---------------------------|---------------------------|
| Highways and Roads | — Private or Unclassified | — Intermittent |
| Principal Arterials | — Major River or Stream | — Subsurface |
| Minor Arterials | Blue Line Streams | — City Boundary |
| Major Collectors | — Perennial 1-3 | — Counties |
| Minor Collectors | — Perennial >4 | ● Parcels |
| Local Road | | ● Parcels (no APN labels) |

Tomasini - Rezone

0 0.05 0.1 0.2 mi

0 0.05 0.1 0.2 mi

RF= 1:9,028

1 in = 752 ft



3/22/2024, 1:46:35 PM

Web AppBuilder 2.0 for ArcGIS

Map Disclaimer:

While every effort has been made to assure the accuracy of this information, it should be understood that it does not have the force & effect of law, rule, or regulation. Should any difference or error occur, the law will take precedence.

Source: Humboldt County GIS, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community