

MEKA VINEYARD

VEGETATION CANOPY COVER EXHIBIT

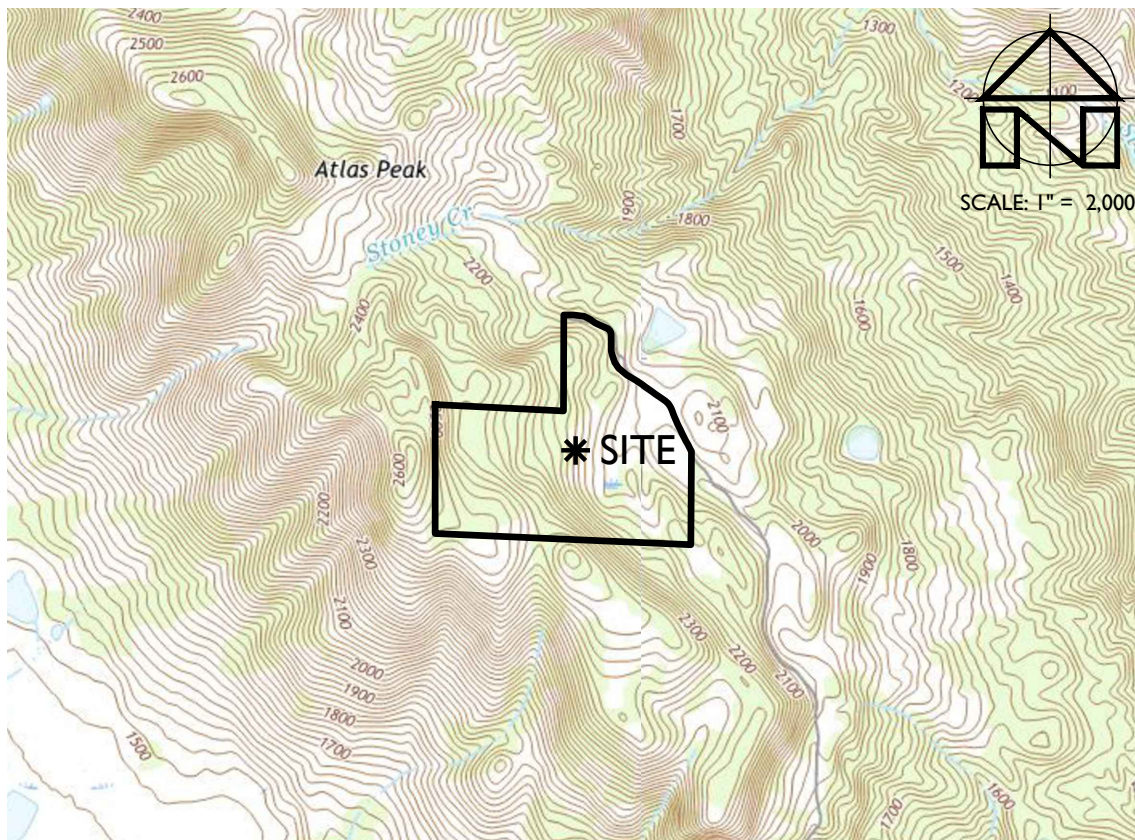
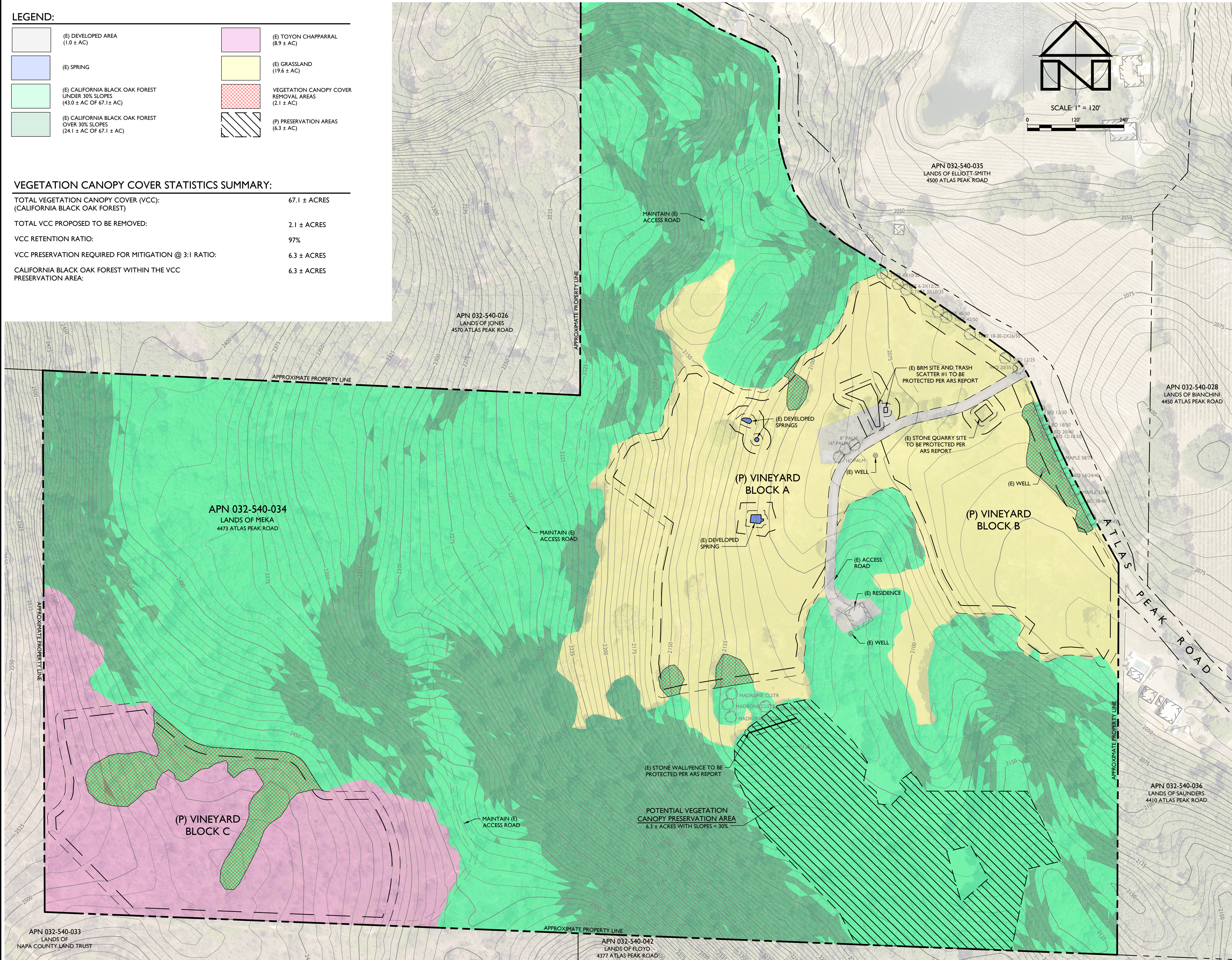
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LEGEND:

(E) DEVELOPED AREA (1.0 ± AC)	(E) TOYON CHAPPARRAL (8.9 ± AC)
(E) SPRING	(E) GRASSLAND (19.6 ± AC)
(E) CALIFORNIA BLACK OAK FOREST UNDER 30% SLOPES (43.0 ± AC OF 67.1 ± AC)	VEGETATION CANOPY COVER REMOVAL AREAS (2.1 ± AC)
(E) CALIFORNIA BLACK OAK FOREST OVER 30% SLOPES (24.1 ± AC OF 67.1 ± AC)	(P) PRESERVATION AREAS (6.3 ± AC)

VEGETATION CANOPY COVER STATISTICS SUMMARY:

TOTAL VEGETATION CANOPY COVER (VCC): (CALIFORNIA BLACK OAK FOREST)	67.1 ± ACRES
TOTAL VCC PROPOSED TO BE REMOVED:	2.1 ± ACRES
VCC RETENTION RATIO:	97%
VCC PRESERVATION REQUIRED FOR MITIGATION @ 3:1 RATIO:	6.3 ± ACRES
CALIFORNIA BLACK OAK FOREST WITHIN THE VCC PRESERVATION AREA:	6.3 ± ACRES



PROJECT INFORMATION:

PROPERTY OWNER & APPLICANT:
MUKTHESWARA RAO MEKA
4473 ATLAS PEAK ROAD
NAPA, CA 94558
SITE ADDRESS:
4473 ATLAS PEAK ROAD
NAPA, CA 94558
ASSESSOR'S PARCEL NUMBER:
032-540-034
PARCEL SIZE:
96.6 ± ACRES
ZONING:
AGRICULTURAL WATERSHED (AW)

NOTES:

- FADED BACKGROUND REPRESENTS EXISTING TOPOGRAPHIC FEATURES. TOPOGRAPHIC INFORMATION WAS TAKEN FROM ELEVATION DATA DERIVED FROM BARE-EARTH SURFACE DIGITAL ELEVATION MODELS (DEMS) CREATED FROM LIDAR DATA FLOWN IN 2018 IN RESPONSE TO THE WIDESPREAD 2017 FIRES IN NORTHERN CALIFORNIA AS PART OF ONGOING NATIONWIDE 3DEP (U.S. GEOLOGICAL SURVEY 3D ELEVATION PROGRAM) EFFORTS. APPLIED CIVIL ENGINEERING INCORPORATED ASSUMES NO LIABILITY REGARDING THE ACCURACY OR COMPLETENESS OF THE TOPOGRAPHIC INFORMATION.
- AERIAL PHOTOGRAPHS WERE OBTAINED FROM THE NAPA COUNTY GEOGRAPHIC INFORMATION SYSTEM (GIS) DATABASE, TAKEN JUNE 2018 AND MAY NOT REPRESENT CURRENT CONDITIONS.
- CONTOUR INTERVAL: FIVE (5) FEET, HIGHLIGHTED EVERY TWENTY FIVE (25) FEET.
- VERTICAL DATUM: NAVD 88
- THE PROPERTY LINES SHOWN ON THESE PLANS DO NOT REPRESENT A BOUNDARY SURVEY. THEY ARE APPROXIMATE AND ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

VEGETATION MAPPING NOTE:

ALL VEGETATION MAPPING IS BASED ON THE BIOLOGICAL RESOURCE RECONNAISSANCE SURVEY REPORT FOR "1729 INVESTMENTS, LLC" BY WRA, INC, DATED FEBRUARY 2024.

APPLIED
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VEGETATION CANOPY COVER EXHIBIT

PREPARED UNDER THE
DIRECTION OF:



DRAWN BY:

CHECKED BY:

DATE:

REVISIONS:

RESPONSE TO
COMMENTS

JOB NUMBER:

FILE:

ORIGINAL SIZE:

SHEET NUMBER:

OF