

TOPOGRAPHIC MAP OF
HAUOLI STREET, A PORTION OF
MAALAEA ROAD, TMK: (2) 3-8-005-017
AND A PORTION OF TMK: (2) 3-8-005-003
MAALAEA, MAUI, HAWAII

SCALE: 1 IN. = 200 FT.

DATE: AUGUST 31, 2023

PREPARED FOR:

PREPARED BY:

MAALAEA VILLAGE ASSOCIATION
192 MAALAEA ROAD
WAILUKU, HI 96763

FUKUMOTO ENGINEERING, INC.
1721 WILI PA LOOP, SUITE 203
WAILUKU, HAWAII 96793

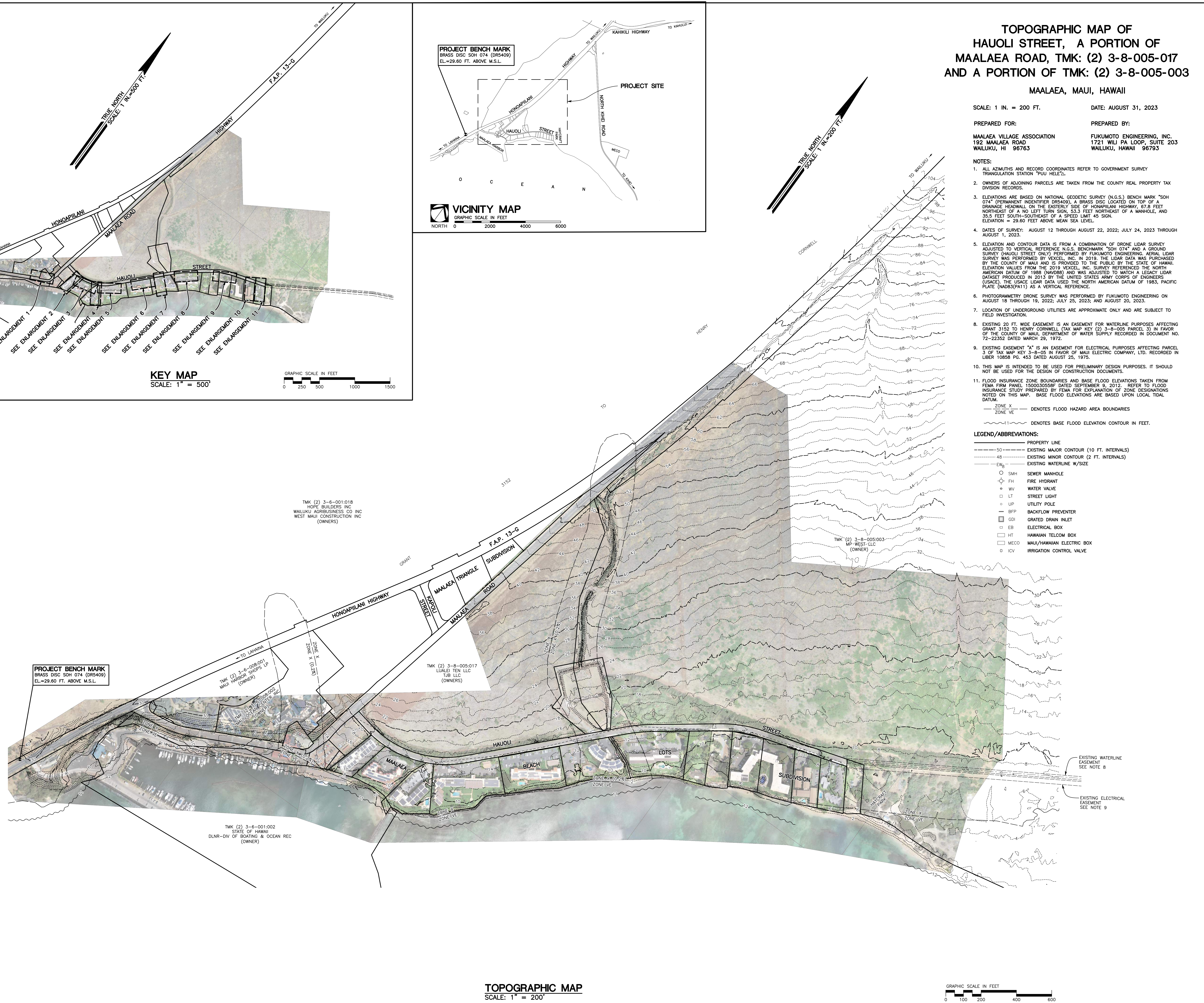
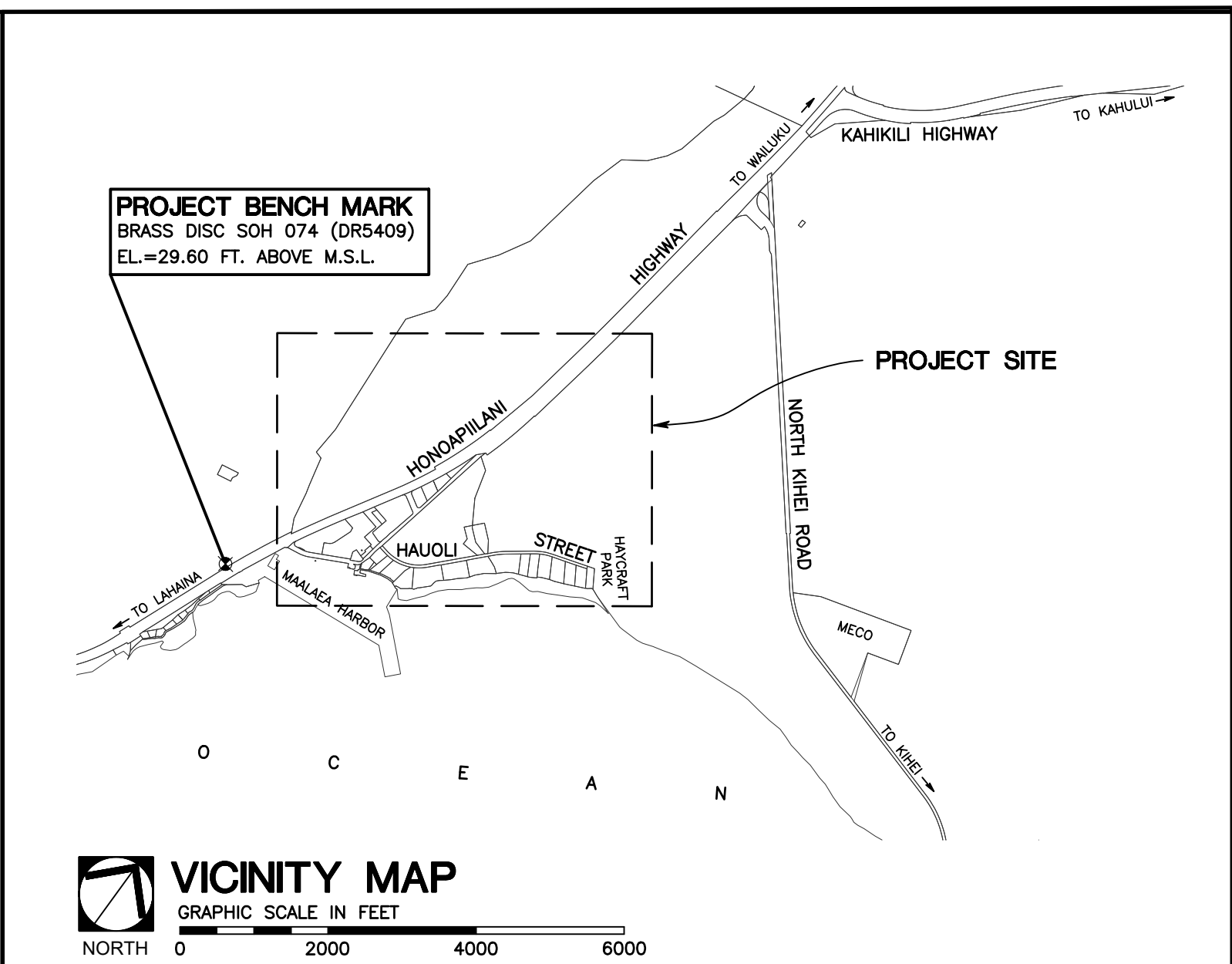
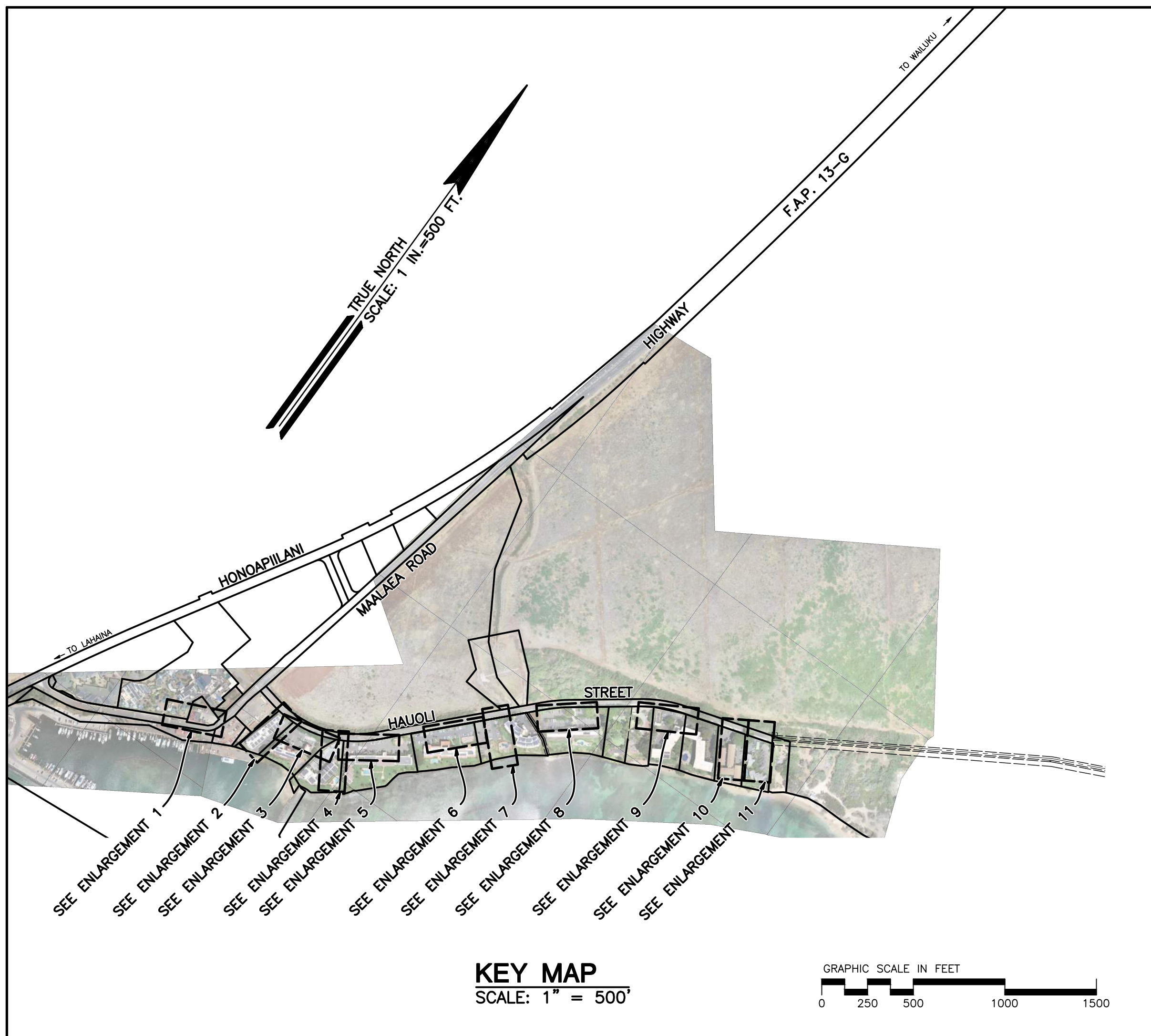
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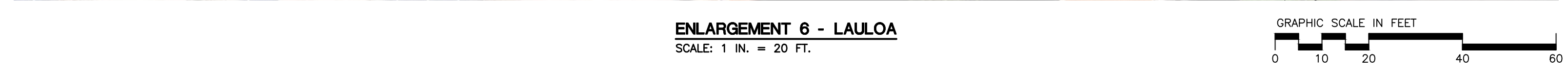
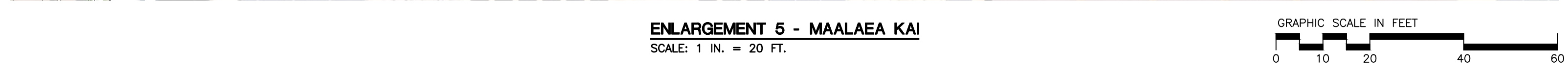
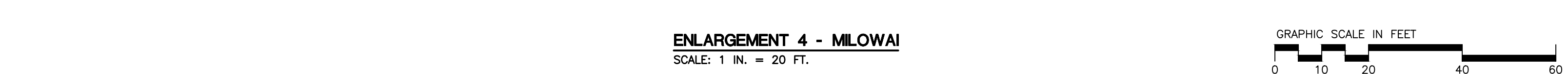
- ALL AZIMUTHS AND RECORD COORDINATES REFER TO GOVERNMENT SURVEY TRIANGULATION STATION "PUU HELE".
- OWNERS OF ADJOINING PARCELS ARE TAKEN FROM THE COUNTY REAL PROPERTY TAX DIVISION RECORDS.
- ELEVATIONS ARE BASED ON NATIONAL GEODETIC SURVEY (N.G.S.) BENCH MARK "SOH 074" (PERMANENT IDENTIFIER DR5409), A BRASS DISC LOCATED ON TOP OF A DRAINAGE HEADWALL ON THE EASTERLY SIDE OF HONOAPILANI HIGHWAY, 67.8 FEET NORTHEAST OF A NO LEFT TURN SIGN, 53.3 FEET NORTHEAST OF A MANHOLE, AND 35.5 FEET SOUTH-SOUTHEAST OF A SPEED LIMIT 45 SIGN. ELEVATION = 29.60 FEET ABOVE MEAN SEA LEVEL.
- DATES OF SURVEY: AUGUST 12 THROUGH AUGUST 22, 2022; JULY 24, 2023 THROUGH AUGUST 1, 2023.
- ELEVATION AND CONTOUR DATA IS FROM A COMBINATION OF DRONE LIDAR SURVEY ADJUSTED TO VERTICAL REFERENCE N.G.S. BENCHMARK "SOH 074" AND A GROUND SURVEY (HAUOLI STREET ONLY) PERFORMED BY FUKUMOTO ENGINEERING. AERIAL LIDAR SURVEY WAS PERFORMED BY VECELL, INC. IN 2019. THE LIDAR DATA WAS PURCHASED BY THE COUNTY OF MAUI AND IS PROVIDED TO THE PUBLIC BY THE STATE OF HAWAII. ELEVATION VALUES FROM THE 2019 VECELL, INC. SURVEY REFERENCED THE NORTH AMERICAN DATUM OF 1988 (NAV88) AND WAS ADJUSTED TO MATCH A LEGACY LIDAR DATASET PRODUCED IN 2013 BY THE UNITED STATES ARMY CORPS OF ENGINEERS (USACE). THE USACE LIDAR DATA USED THE NORTH AMERICAN DATUM OF 1983, PACIFIC PLATE (NAD83(PA11)) AS A VERTICAL REFERENCE.
- PHOTOGRAMMETRY DRONE SURVEY WAS PERFORMED BY FUKUMOTO ENGINEERING ON AUGUST 18 THROUGH 19, 2022; JULY 25, 2023; AND AUGUST 20, 2023.
- LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE ONLY AND ARE SUBJECT TO FIELD INVESTIGATION.
- EXISTING 20 FT. WIDE EASEMENT IS AN EASEMENT FOR WATERLINE PURPOSES AFFECTING GRANT 3152 TO HENRY CORNWELL (TAX MAP KEY (2) 3-8-005 PARCEL 3) IN FAVOR OF THE COUNTY OF MAUI, DEPARTMENT OF WATER SUPPLY RECORDED IN DOCUMENT NO. 72-22352 DATED MARCH 29, 1972.
- EXISTING EASEMENT "A" IS AN EASEMENT FOR ELECTRICAL PURPOSES AFFECTING PARCEL 3 OF TAX MAP KEY 3-8-05 IN FAVOR OF MAUI ELECTRIC COMPANY, LTD. RECORDED IN LIBER 10858 PG. 453 DATED AUGUST 25, 1975.
- THIS MAP IS INTENDED TO BE USED FOR PRELIMINARY DESIGN PURPOSES. IT SHOULD NOT BE USED FOR THE DESIGN OF CONSTRUCTION DOCUMENTS.
- FLOOD INSURANCE ZONE BOUNDARIES AND BASE FLOOD ELEVATIONS TAKEN FROM FEMA FIRM PANEL 1500030587 DATED SEPTEMBER 9, 2012. REFER TO FLOOD INSURANCE STUDY PREPARED BY FEMA FOR EXPLANATION OF ZONE DESIGNATIONS NOTED ON THIS MAP. BASE FLOOD ELEVATIONS ARE BASED UPON LOGICAL TIDAL DATUM.

— ZONE X — DENOTES FLOOD HAZARD AREA BOUNDARIES
— ZONE VE —
— 1 — DENOTES BASE FLOOD ELEVATION CONTOUR IN FEET.

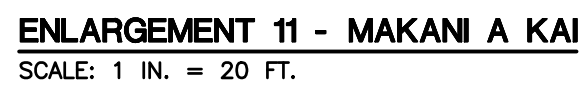
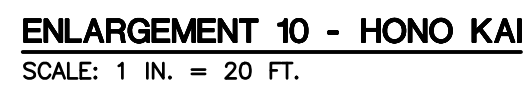
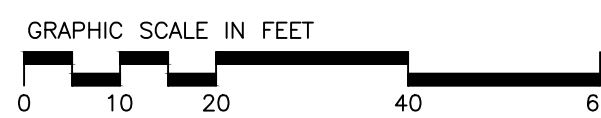
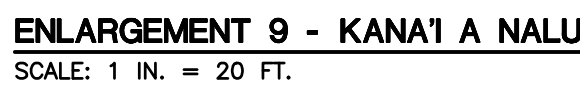
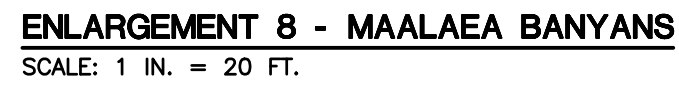
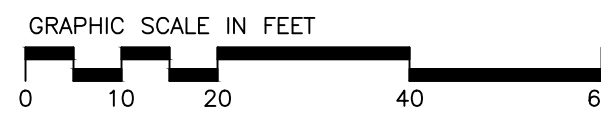
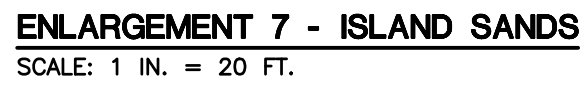
LEGEND/ABBREVIATIONS:

- PROPERTY LINE
— 50 — EXISTING MAJOR CONTOUR (10 FT. INTERVALS)
— 48 — EXISTING MINOR CONTOUR (2 FT. INTERVALS)
— EW — EXISTING WATERLINE W/SIZE
- SMH SEWER MANHOLE
◇ FH FIRE HYDRANT
● WV WATER VALVE
□ LT STREET LIGHT
○ UP UTILITY POLE
— BFP BACKFLOW PREVENTER
— GDI GRATED DRAIN INLET
□ EB ELECTRICAL BOX
□ HT HAWAIIAN TELCOM BOX
□ MECC MAUI/HAWAIIAN ELECTRIC BOX
□ ICV IRRIGATION CONTROL VALVE





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