

NOTES:
 1. This map is based from a survey performed on April 18, 2006.
 2. Coordinates are based Government survey Triangulation station "Launiupoko" and its meridian was established from found boundary corner monuments of this lot and adjoining lots.
 3. Elevation shown hereon is based from an assumed Bench Mark as shown on this map.

EARTHWORK
 EXCAVATION/CUT: 200 CU.YDS.
 EMBANKMENT/FILL: 2,000 CU. YDS.
 AREA OF GRADING: 38,000 sq.ft.
 AREA OF GRUBBING: 3 acres

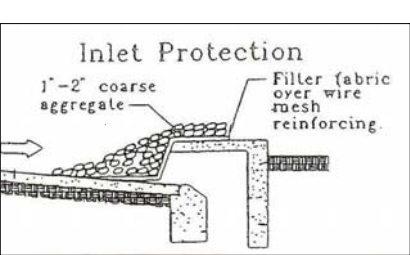
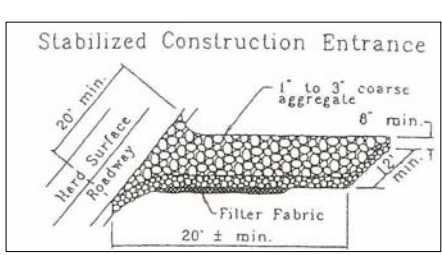
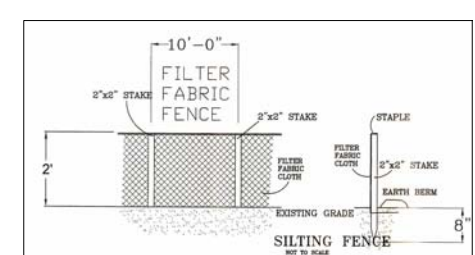
UPDATED GRADING. NOTE:
 Subcontractor to verify earthwork amounts.

- BEST MANAGEMENT PRACTICE [BMP] PLAN
- MINIMUM BEST MANAGEMENT PRACTICES
- DRAINAGE: HANDLE DRAINAGE TO CONTROL EROSION, PREVENT DAMAGE TO DOWNSTREAM PRESERVES AND RETURN WATERS TO THE NATURAL DRAINAGE COURSE IN A MANNER WHICH MINIMIZES SEDIMENTATION OR OTHER POLLUTION TO THE MAXIMUM EXTENT PRACTICABLE.
- STOCKPILES: STOCKPILES SHALL NOT BE LOCATED IN DRAINAGE WAYS OR OTHER AREAS OF CONCENTRATED FLOWS. SEDIMENT TRAPPING DEVICES SUCH AS FENCES OR BARRIERS SHALL BE USED AROUND THE BASE OF ALL STOCKPILES.
- DUST CONTROL: CONTROL DUST EMISSIONS TO THE MAXIMUM EXTENT PRACTICABLE THROUGH BMPS SUCH AS WATER SPRINKLING, DUST FENCES, LIMITING AREA OF DISTURBANCE AND TIMELY GRASSING OF FINISHED AREAS.
- SLOPE PROTECTION: SURFACE FLOW FROM ABOVE AN EXPOSED SLOPE SHALL NOT BE ALLOWED TO FLOW OVER THE SLOPE WITHOUT PROTECTION. SLOPE PROTECTION SHALL BE USED ON AREAS WITH SLOPES GREATER THAN 50% AND ON AREAS OF MODERATE SLOPES THAT ARE PRONE TO EROSION. USE ANCHORED PLASTIC, GEOTEXTILE FABRIC, ETC. ON SLOPED AREA.
- INLET PROTECTION: ALL STORM DRAIN INLETS ON SITE, AND THOSE OFFSITE WHICH MAY RECEIVE RUNOFF FROM THE SITE SHALL USE AN INLET PROTECTION DEVICE.
- VEGETATION: RETAIN NATURAL VEGETATION, ESPECIALLY GRASSES, WHEREVER FEASIBLE. AVOID STORAGE OF GRUBBED MATERIAL NEAR WATERCOURSES.
- MATERIAL AND WASTE MANAGEMENT: PROPERLY STORE TOXIC MATERIAL AND PREVENT THE DISCHARGE OF POLLUTANTS ASSOCIATED WITH CONSTRUCTION MATERIALS.
- TIMING OF CONTROL MEASURE IMPLEMENTATION: TIMING OF CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE APPROVED EROSION CONTROL PLAN. DISTURBED AREAS OF CONSTRUCTION SITES THAT WILL NOT BE REDISTURBED FOR TWENTY-ONE DAYS OR MORE WILL BE STABILIZED (GRASSED OR GRAVELED) BY NO LATER THAN THE FOURTEENTH DAY AFTER THE LAST DISTURBANCE.

3520 SF. Driveway -
 1030 SF. Lanai / Pool Deck
 2080 SF. Foundation -
 43.4 cubic yards concrete
 12.7 cubic yards
 35.2 cubic yards
 91.3 cubic yards x \$140 = \$12,782
 Note: Subcontractor to verify concrete amounts

LOT 23 Area=3.237 Acres
 T.M.K : (2) 4-7-09:69

Future Building
 under separate
 Permit



GRADING PLAN AND BEST
 MANAGEMENT PRACTICE PLAN

Hawaii Home Design dba
 G & D International LLC
 Project Management &
 Development

363 Kai Malu Pl.
 Kihei, HI 96753
 Phone (808) 875-4419
 FAX (808) 442-0972



THIS WORK WAS PREPARED
 BY ME OR UNDER MY
 SUPERVISION. CONSTRUCTION
 OF THIS PROJECT WILL BE
 UNDER MY OBSERVATION.

A NEW SECONDARY FARM DWELLING FOR
 DIETMAR RITTNER - GOVINDA LEOPOLD
 11 PUA NIU WAY, LOT 23
 MAHANALUANI PH IV, LAHAINA
 T.M.K.: 4 - 7 - 9:69

DRAWN BY: DR Rittner
 DATE: 04/23/09
 SCALE: 1 1/4" - 60'-0"
 FILE No. 3100 - 3
 FILE NAME: HHD Launipoko

REVISIONS	SHEET
	2A
	OF: