

DAILY FIELD REPORT

Island Geotechnical Engineering

FILE NO. 222217-TM
DFR NO. 02
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PROJECT Mahana Estates Lot #34	LOCATION Lahaina, Maui, Hawaii		
CLIENT Cutting Edge Development Inc. www.cedhawaii.com	DATE 6/15/2023	DAY OF WEEK Thursday	WEATHER Light Rain/Sun
GENERAL CONTRACTOR Cutting Edge Development Inc. www.cedhawaii.com	CONTRACTOR'S SUPERINTENDENT Brad Fitkin (808)205-8445 brad@cedhawaii.com		
TYPE OF WORK Compaction Testing/Proof-roll Observation/Material Sample	PROJECT ENGINEER		
SOURCE AND DESCRIPTION OF FILL MATERIAL Onsite Silt	KEY PERSONS CONTACTED Travis MacDonald (808)269-2202		

TEST NO.	TEST LOCATION	ELEVATION (In Feet)	FIELD TESTING			REFERENCE CURVE			COMMENTS
			DRY DEN. (pcf)	MOIST. CONT. (%)	% OF MAX DRY DEN.	COMP CURVE NO.	MAX DRY DEN (PCF)	R.C. Y/N	
1	Guest Suite	149.5'+msl*	90.2	32.7	95.8	1	94.1	N	Pass
2	Kitchen	149.5'+msl*	92.7	31.9	98.5	1	94.1	N	Pass
3	Elevator	149.5'+msl*	93.9	30.9	99.7	1	94.1	N	Pass
4	Garage	149.5'+msl*	93.5	29.7	99.3	1	94.1	N	Pass

DESCRIBE EQUIPMENT USED

Sakai SV544D

NOTES

Compaction Testing and Proof Roll: IGE is onsite at the request of Cutting Edge Development to observe a proof roll of existing subgrade silt inside the footprint of the proposed building and to 5' beyond the limits of the footings. IGE observes a Sakai SV544D smooth drum roller operating on the existing material at ~149.5'+msl*. No deflection, pumping, loose, or soft areas are detected during the proof roll. IGE performs compaction testing after the proof roll. Compaction tests reveal adequate compaction and moisture. *Elevation is provided by the contractor.

Import Material: Travis MacDonald is importing Select Fill from the Hawaiian Cement Waikapu quarry for use inside the footprint of the building. IGE samples from the stockpile. The sample is transported to IGE labs for processing.



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REPORT BY
J.E. S.E. Tech

EG=Existing Grade	TBC = Top of Base Course	DL = Drain Line	WL = Water Line	DMH = Drain Manhole
FG = Finishing Grade	TSB = Top of Subgrade	EL = Electrical Line	RC = Rock Correction	CB = Catch Basin
FSG = Finishing Subgrade	Sta = Station	SL = Sewer Line	RW = Retaining Wall	BOF = Bottom of Footing