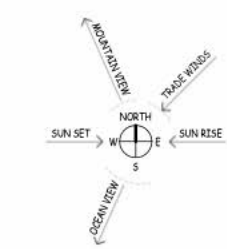


4 DUST SCREEN BARRIER DETAIL
N.T.S



NOTE:
ALL UTILITY, ELECTRIC & SERVICE
LINES SHALL BE PLACED
UNDERGROUND & PIPES CONCEALED
PER COUNTY OF KAUAI GUIDELINES.



KUKONA A LA'A ST.
HALALU STREET

COUNTY OF KAUAI
CHAPTER 12, KAUAI COUNTY BUILDING CODE
KAUAI COUNTY CODE 1987, AS AMENDED
ARTICLE 6 - ENERGY CONSERVATION CODE

To the best of my knowledge, this project's design substantially conforms to the Residential Provisions of:
Section 12-6.3 Adoption of the International Energy Conservation Code (IECC)
Section 12-6.4 Local Amendments to the IECC

COMPLIANCE METHOD

- ☒ Tropical Zone, R401.2.1
- ☒ Prescriptive, R402
 - ☒ Roof and Wall
 - ☒ Insulation R-value, Table R401.1.2
 - ☒ Construction U-factor, Table R402.1.4
 - ☒ Total UA, R402.1.5
 - ☒ Points Option, R407
 - ☒ Simulated Performance Alternative, R405
 - ☒ Energy Rating Index Compliance Alternative, R406

INFORMATION IN CONSTRUCTION DOCUMENTS

	YES	N/A
Envelope		
Roof insulation R-value	☒	☒
Roof insulation type and location	☒	☒
Roof membrane solar reflectance and thermal emittance	☒	☒
Wall insulation R-value	☒	☒
Wall insulation type and location	☒	☒
Window and skylight SHGC	☒	☒
Air leakage testing requirement	☒	☒
Air Conditioning		
Air conditioning equipment capacity and efficiency	☒	☒
Programmable thermostat	☒	☒
Insulation R-value	☒	☒
Duct leakage testing equipment	☒	☒
Electrical		
Lighting fixture locations	☒	☒
Lamp type	☒	☒
Ceiling fans	☒	☒
Whole-house fan	☒	☒

NOTES

SIGNATURE: *Mark Cruz*

DATE: 2 NOV 2023

NAME: MARK CRUZ

TITLE: ARCHITECT

LICENSE NO: 17993

CALCULATIONS FOR LOT COVERAGE UNIT 1

	SF	ZONE
LOWER LIVING	2,475	R-4
LOWER COVERED LANAIS	1,174	OPEN
GARAGE	831	OPEN
DRIVEWAY & FLAT WORK	289	OPEN
UPPER LIVING	990	N/A
UPPER COVERED LANAIS	488	N/A

ALLOWABLE LOT COVERAGE TABLE
(4) 2-8-031:178

	TOTAL AREA	ZONED R-4 AREA	ZONED OPEN AREA	ALLOWED LOT COVERAGE R-4	ALLOWED LOT COVERAGE OPEN	TOTAL ALLOWED LOT COVERAGE
LOT 178	53,616	8,600	45,016	4,300	4,501.6	8,801.6
UNIT-1	35,307	5,000	30,307	2,500	3,031	5,531
UNIT-2 (ADU)	18,309	3,600	14,709	1,800	1,470.9	3,270.9

1. R-4 ZONE ALLOWABLE LOT COVERAGE = 50%
2. OPEN ZONE ALLOWABLE LOT COVERAGE = 10%

PROPOSED LOT COVERAGE TABLE
(4) 2-8-031:178

	PROPOSED LOT COVERAGE R-4	PROPOSED LOT COVERAGE OPEN	TOTAL PROPOSED LOT COVERAGE
UNIT-1	2,475	2,294	4,769
UNIT-2 (ADU)	-	-	-



2 DUST BARRIER PLAN - LOT 178
1" = 50'-0"