



**EarthSchool
Hawaii**



EARTH SCHOOL HAWAII

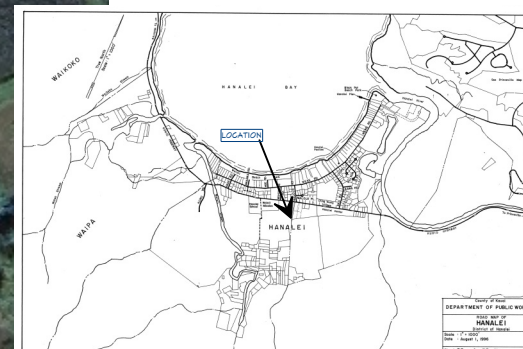
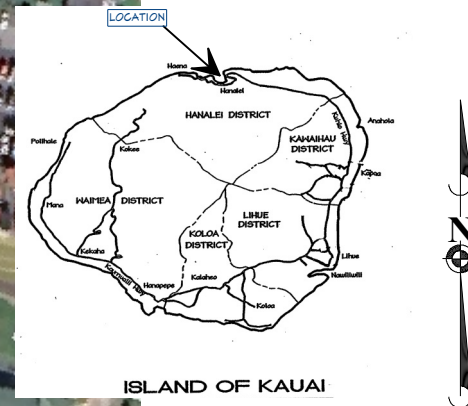
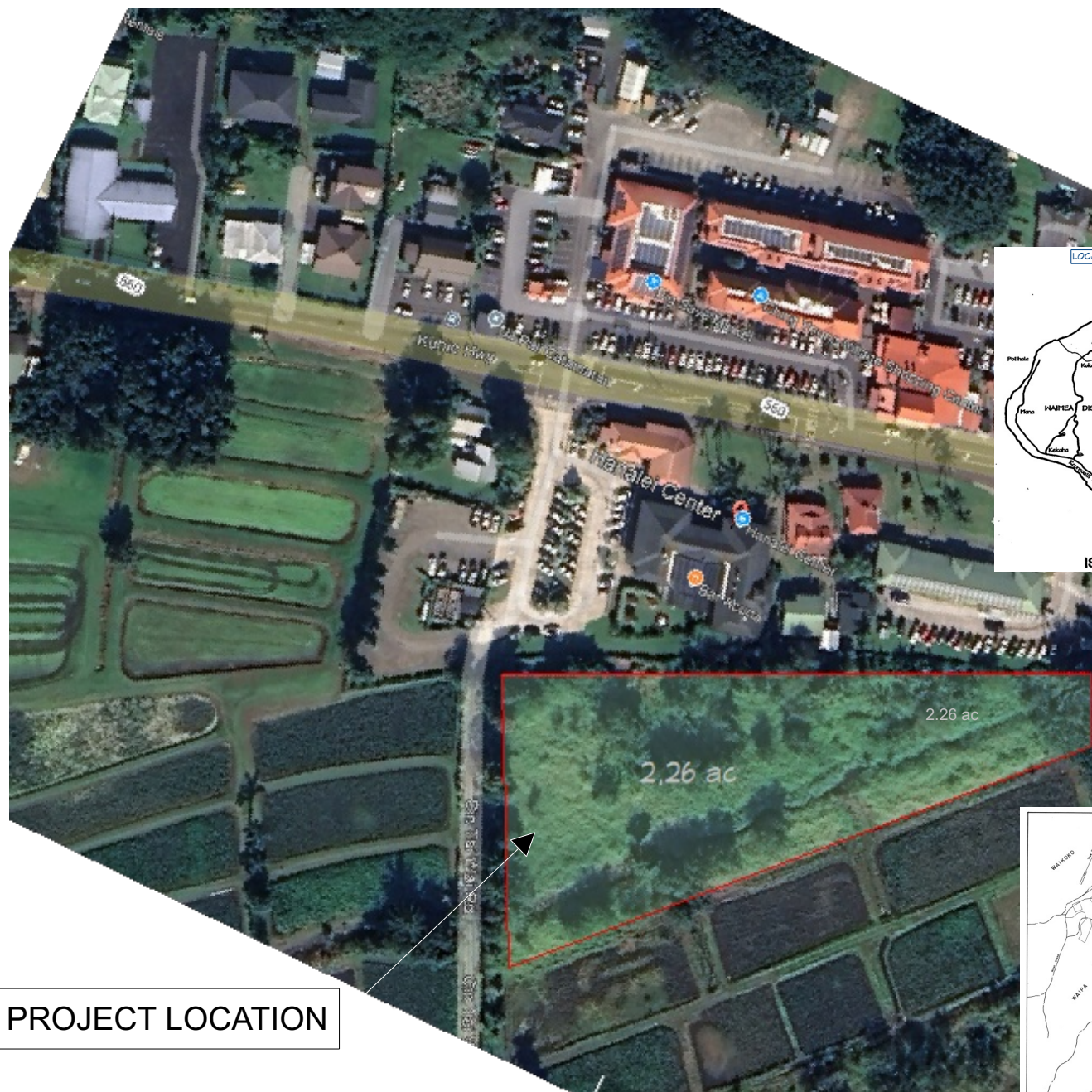
HANALEI, KAUAI, HAWAII

CONCEPTUAL PLANS

COVER SHEET

02-20-2025

MATTHEW SCHALLER, ARCHITECT INC.
P.O. BOX 120 HANALEI, KAUAI, HAWAII 96714 (808) 826-4699; FAX 826-9697
EARTH SCHOOL HAWAII
POR. TMK [4] 5-4-003;001; CIN TAI WAI RD, HANALEI KAUAI, HAWAII





PARKING DATA

PERSONS	STALLS PROVIDED	
STAFF	max 10	10
MAINTENANCE	1	1
VISITORS	4	2
RESIDENTS	10	5
SPARE		2
TOTAL STALLS PROVIDED		20

PROJECT DATA

ZONING	AG / O
LOT SIZE	719 ac
SCHOOL FLOOR AREA	8,798 sf.
DECKS / RAMPS	10,493
RESIDENCES	6,000
GREEN HOUSE	864
DRIVEWAY	25,500
PARKING	3,200
TOTAL COVERAGE	54,855 sf.

RENEWABLE FACILITIES DATA

SOLAR PANELS	4,446 sf.
APPROXIMATE POWER	53 KW (@ 12 watts /sf.)
RAIN CATCHMENT	25,000 roof sf.
POSSIBLE VOLUME	6,500 gallons / year @60" per year rainfall

SUSTAINABLE DESIGN FEATURES

- LIGHT FOOTPRINT
- RENEWABLE ENERGY (SOLAR)
- SUSTAINABLE RECYCLABLE MATERIALS
- STORM WATER REUSE
- GREY WATER REUSE
- NATURAL AQUICULTURE
- ON SITE HOUSING

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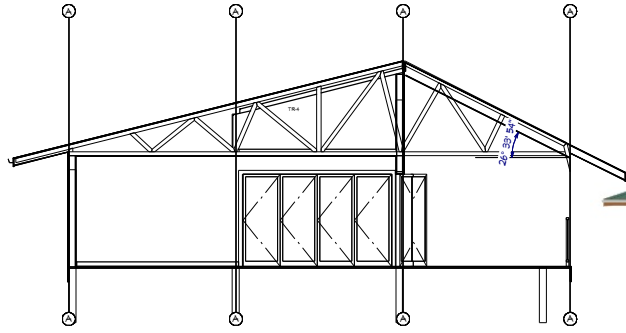
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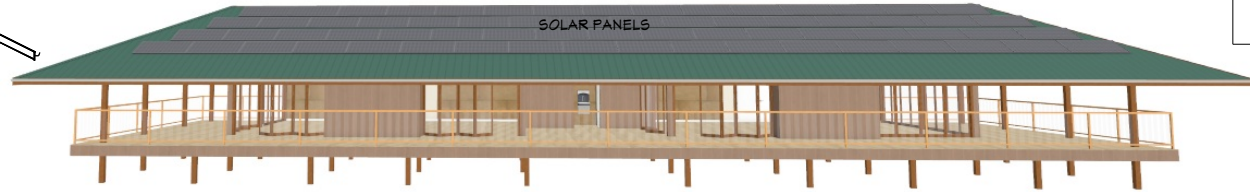
PROPOSED SITE

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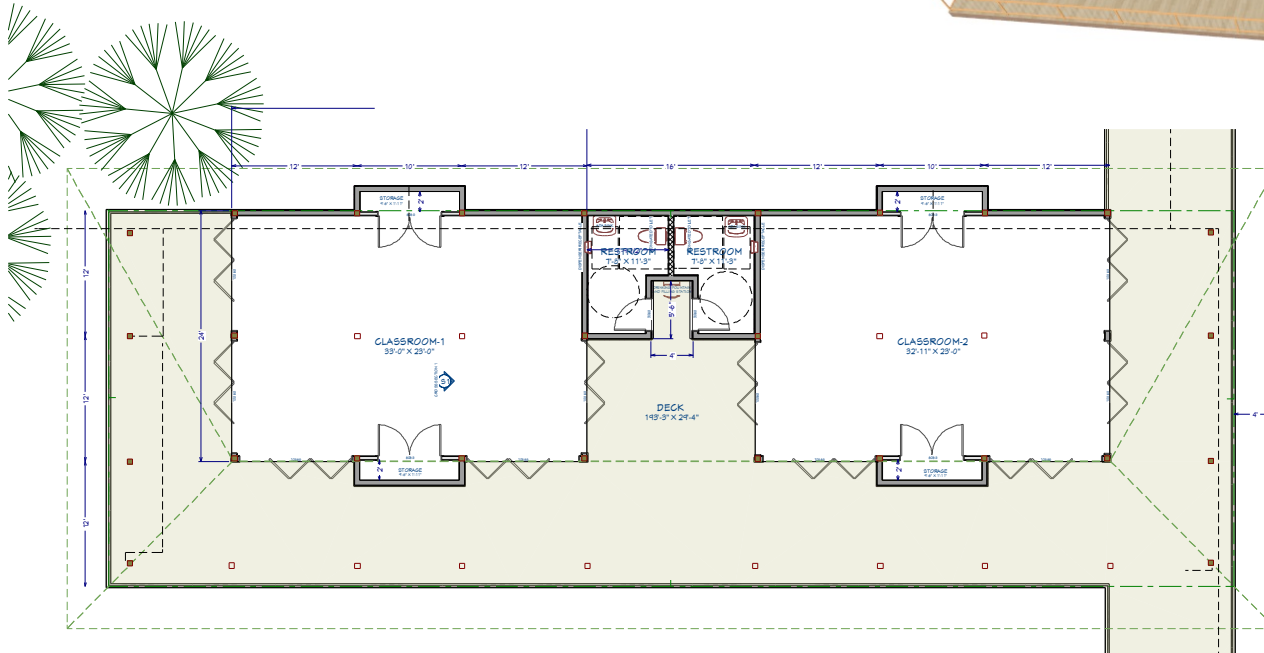
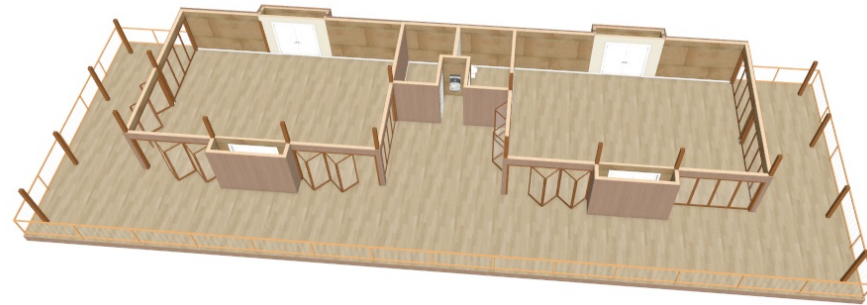
SP02



TYPICAL SECTION



EXTERIOR ELEVATION



FLOOR PLAN
OVERVIEW

TYPICAL CLASSROOM POD FLOOR PLAN
SCALE 3/16"=1'-0"

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TYPICAL
CLASSROOM
MODULE

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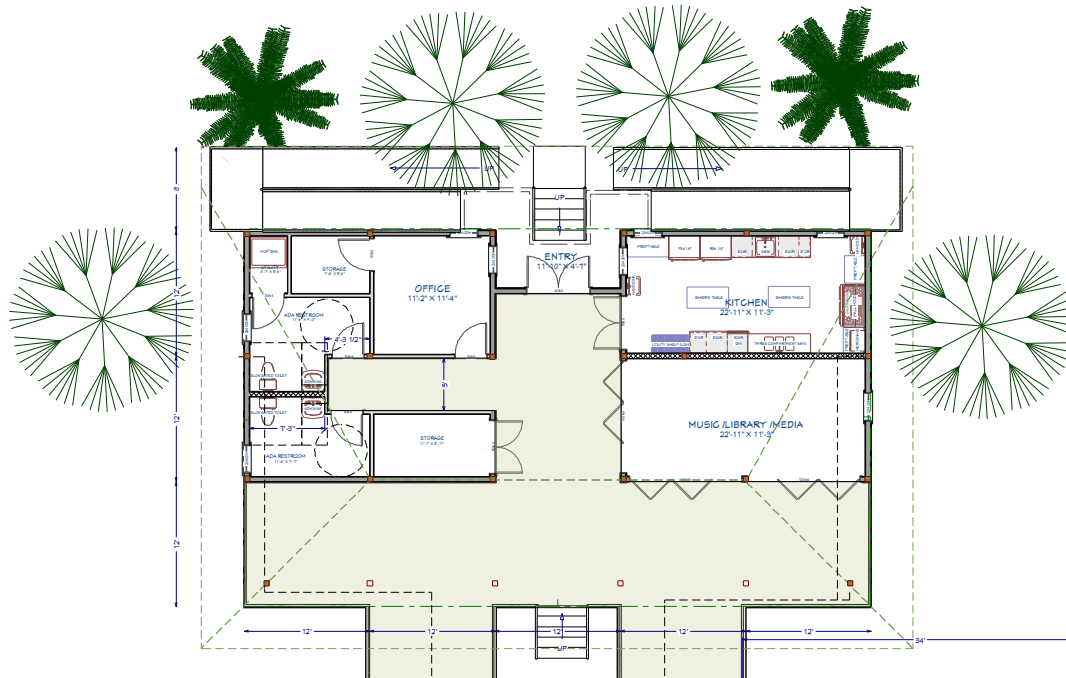
A01



EXTERIOR ELEVATION
SIDE



EXTERIOR ELEVATION
REAR



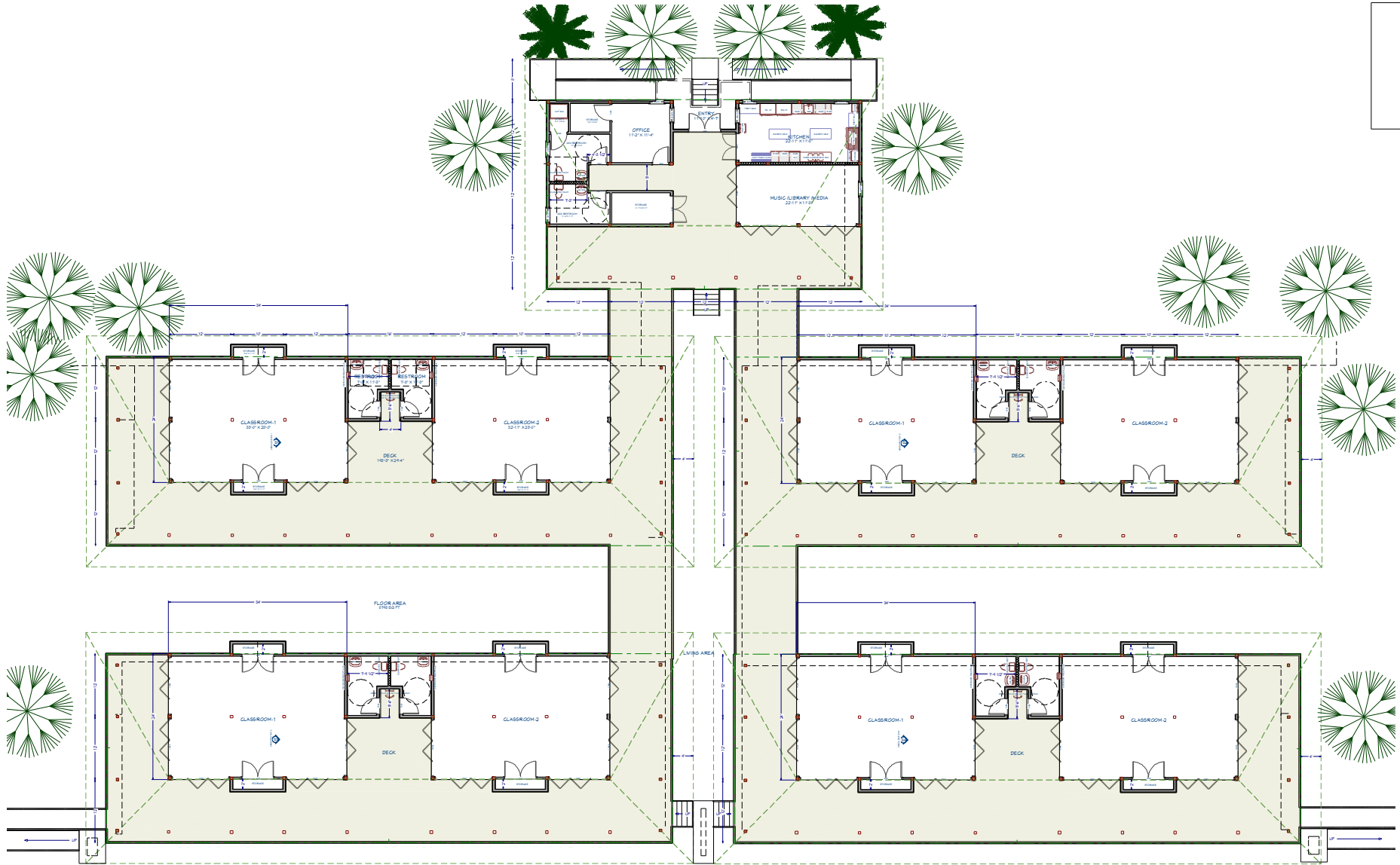
ADMINISTRATION POD FLOOR PLAN
SCALE 3/16"=1'-0"

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CORE
FUNCTION
MODULE

02-20-2025

A02



COMPLETE FLOOR PLAN
SCALE 1/8"=1'-0"

AREA SUMMARY:	
FLOOR AREA	8,790 SF
DECK AREA	10,013 SF
TOTAL	18,821 SF

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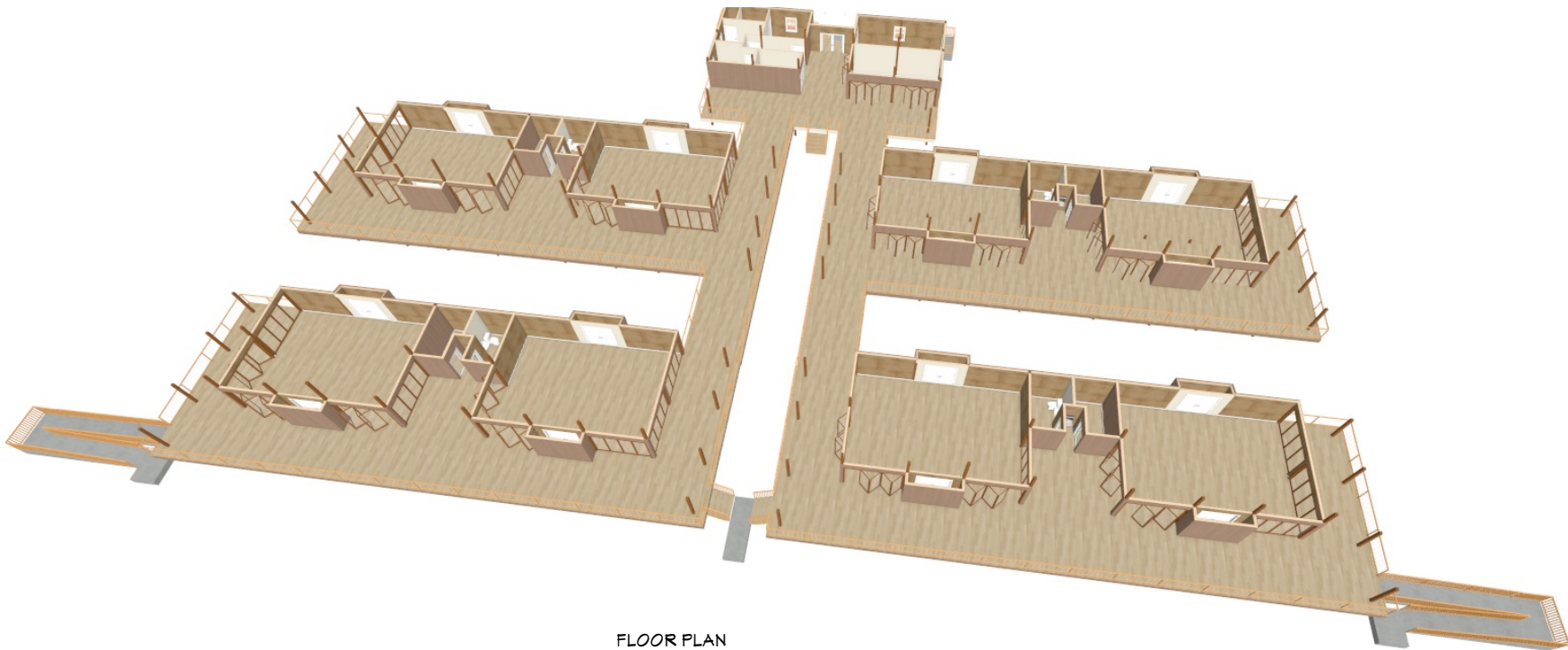
FLOOR PLAN

02-20-2025

A03



EXTERIOR ELEVATION



FLOOR PLAN
OVERVIEW

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FLOOR
OVERVIEW
FRONT
ELEVATION

02-20-2025

A04

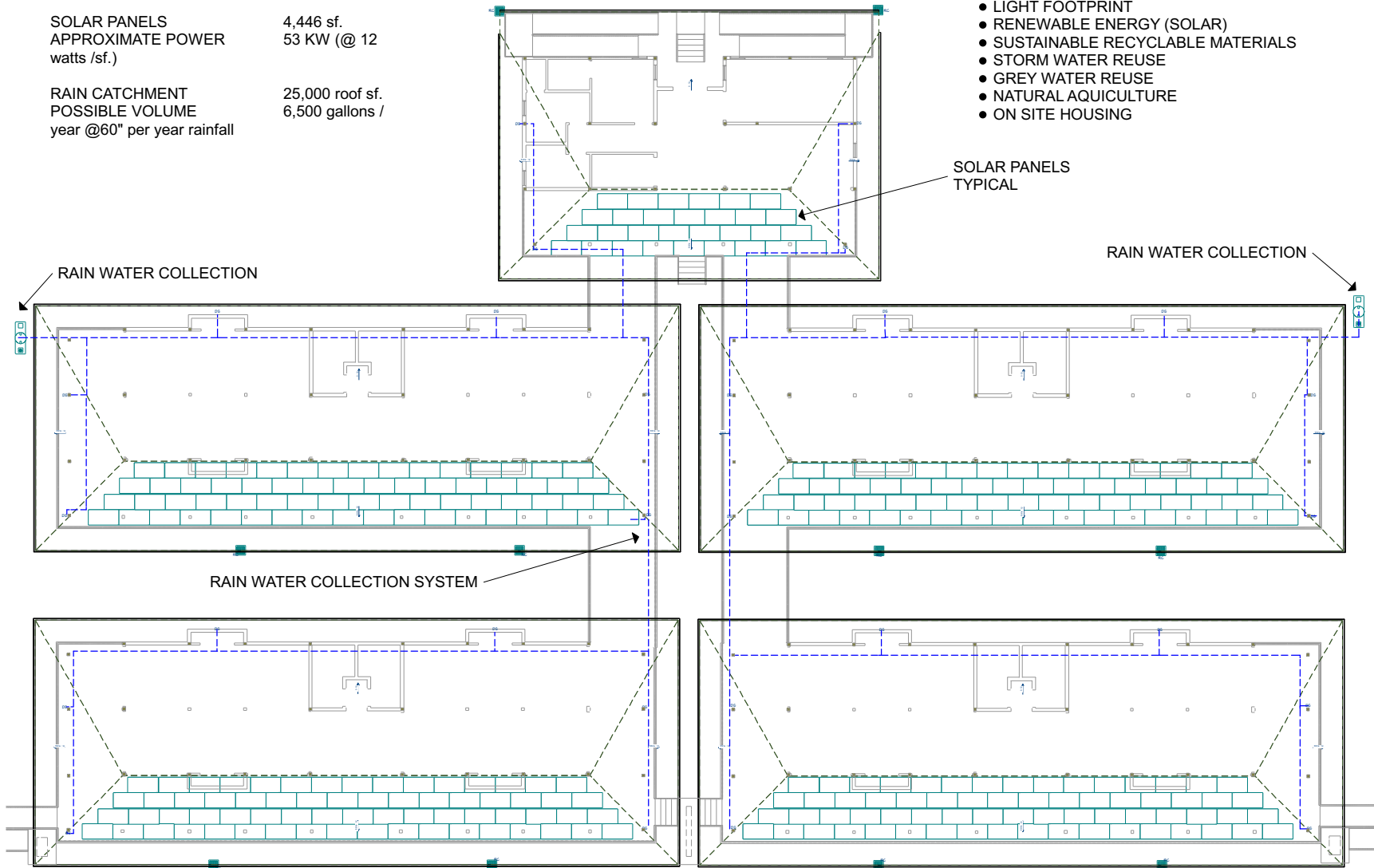
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SUSTAINABLE DESIGN PLAN
 SCALE 1/8"=1'-0"

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SUSTAINABLE
 DESIGN PLAN

02-20-2025

A05