

GREEN BUILDING?



What is Green Building?

Green buildings are...

Buildings or homes that are more energy efficient, produce less waste and are healthier to be inside



GREEN BUILDING?

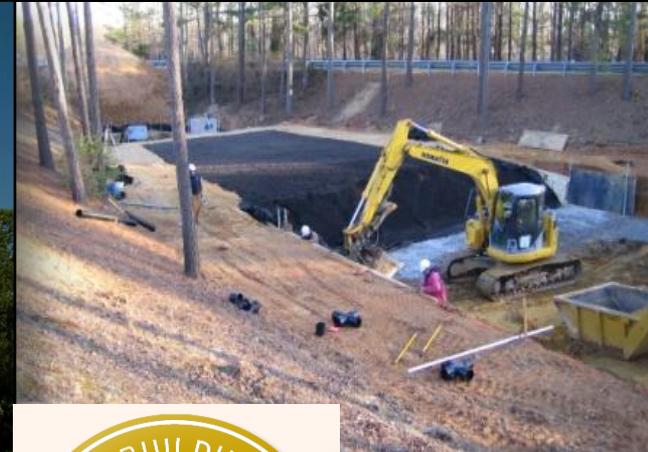


What is it NOT?

Green buildings don't literally mean...
Buildings that produce zero-emissions or totally green or totally environmentally friendly



RATINGS?



Green building certification systems

Certification systems by different organizations/institutions that setup standards to **quantify** how 'green' a building is

Different standards world wide, but similar in concept



DEFINITIONS

- SUSTAINABLE
- REDUCE
- RECYCLE
- REUSE
- LEED (LEADERSHIP IN ENVIRONMENTAL AND ENERGY EFFICIENT DESIGN)
- EARTHCRAFT
- USGBC
- ENERGY STAR



USGBC

LEED stands for...
Leadership in Energy and
Environmental Design



Developed by the U.S. Green Building
Council (USGBC) in 2000

A U.S. green building certification standard
also used by numerous projects outside
the U.S.

One of the most well known standards



USGBC

Less Points

More Points



EARTHCRAFT VIRGINIA

Advancing sustainable, affordable and energy efficient construction through education and technical support.

Need identified in 2004; Committee formed and selected EarthCraft Homes (Southface Energy Institute and Greater Atlanta Homebuilders)

Regional within the Southeastern US.



EARTHCRAFT VIRGINIA

Programs include:

EarthCraft House

EarthCraft Multi-family

EarthCraft Renovation

EarthCraft Light Commercial

EarthCraft Communities



WHEN DO YOU START?

MUST BEGIN THE THINKING FROM THE START!!

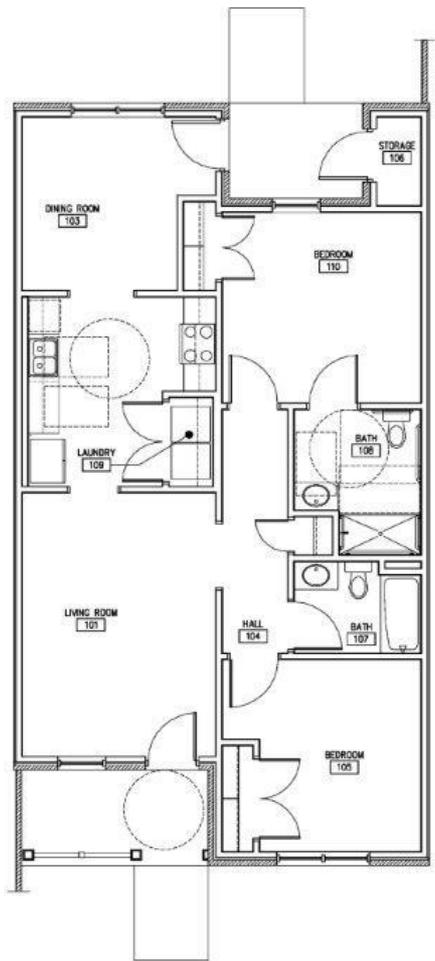
Certification:	LEED (Homes)	EarthCraft
Project Registration:	Design	Prior to start of Construction
# of Reviews:	3	Through Construction
Cost:	\$\$ (\$225+ – over \$1000+)	\$ (\$975 +/-)



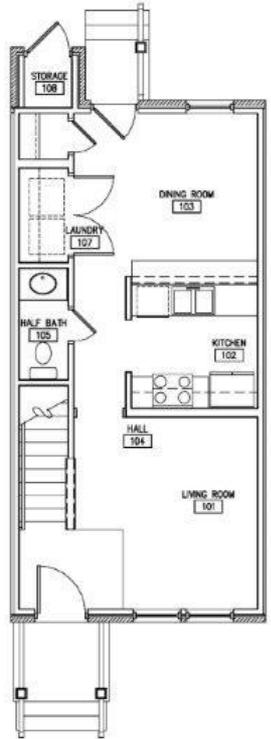
WHAT CAN IT LOOK LIKE?



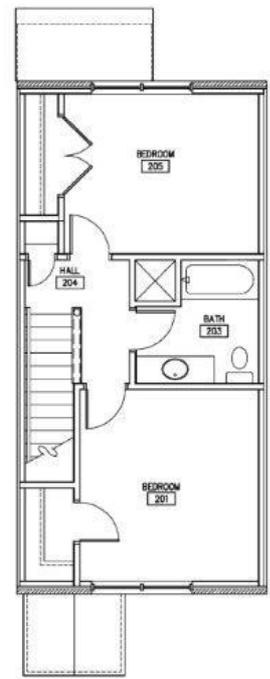
EARTHCRAFT VIRGINIA



UNIT 1- FLOOR PLAN (TYPICAL)
SCALE: 1/4" = 1'-0"



UNIT 2- FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"



UNIT 2- SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

WHAT CAN IT LOOK LIKE?



WHAT CAN IT LOOK LIKE?



QUESTIONS

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