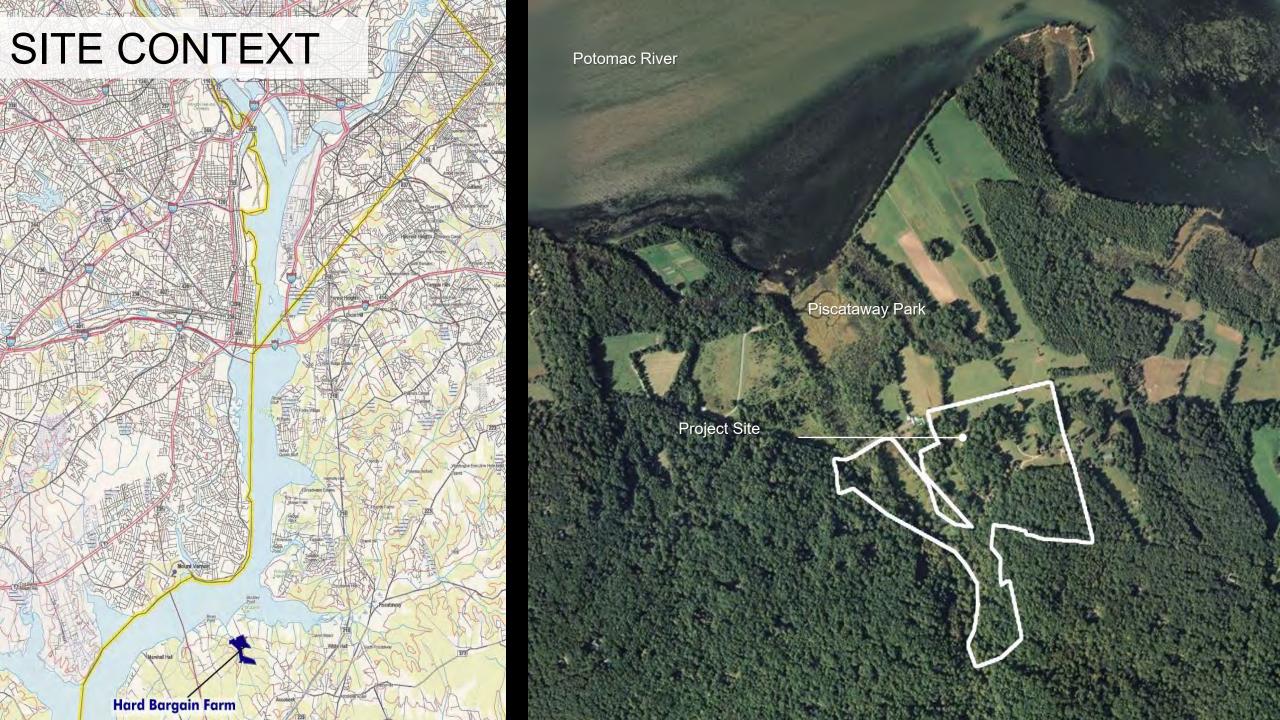
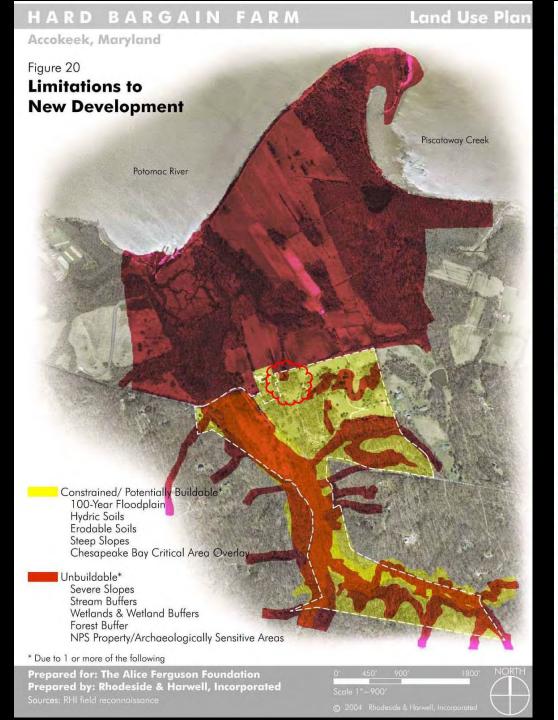


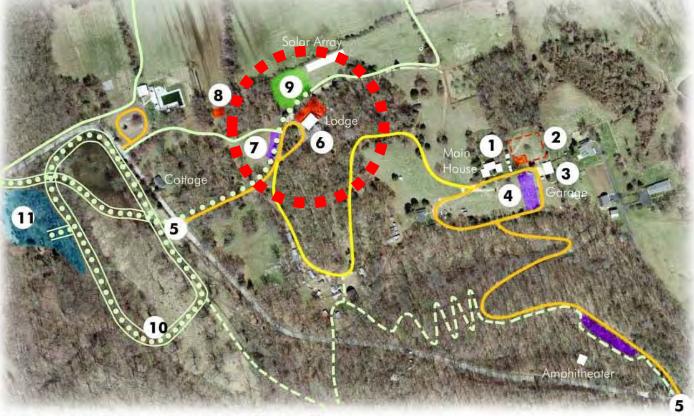


Alice Ferguson Foundation's Mission

To connect people to the natural world, sustainable agricultural practices and the cultural heritage of their local watershed through education, stewardship and advocacy







Structures

Camping

Problem-

Solving

Course

Parking

External Circulation

Internal Circulation

Existing Trail

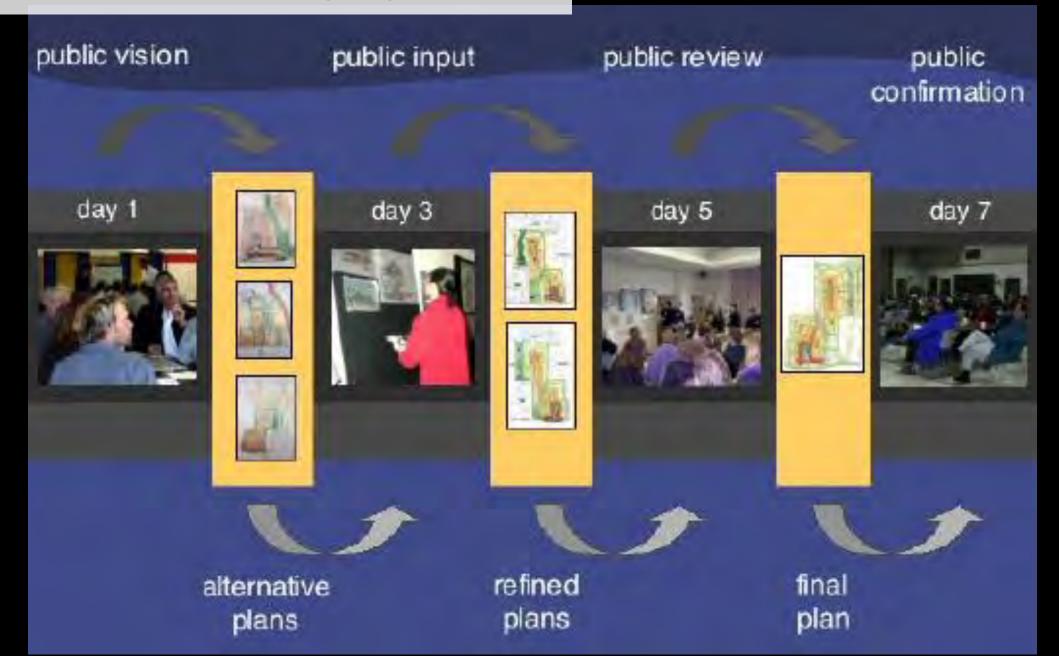
ADA Trail

Boardwalk

Proposed Trail

- 1. Renovate Main House as a House Museum/ Meeting Place/ Conference Facility (small).
- 2. Develop new state-of-the-art administrative facility.
- 3. Rehabilitate Garage for storage functions.
- 4. New parking lot (approximately 30 vehicles) with overflow parking areas.
- 5. Current circulation/entrance configuration.
- 6. Renovate and expand Lodge.
- 7. Create new parking lot (approximately 18 vehicles)
- 8. Develop Day Use Pavilion on HBF Property. Discuss with Moyane Association use of their parking lot for Day Use Program drop-off.
- 9. Develop site for camping.
- 10. Develop ADA-compliant loop trail around emergent wetland.
- 11. Expand area for Problem-Solving Course.

CHARRETTE APPROACH















grass





moss



Symbiotic Approach Rather than working independently, the sunny "Grass" and shady "Moss" buildings were designed to work together to achieve **net-zero energy** and **water** targets.



Nestled The building nestles on the woodland edge and opens to the sun.

Rating systems help keep you on the right track

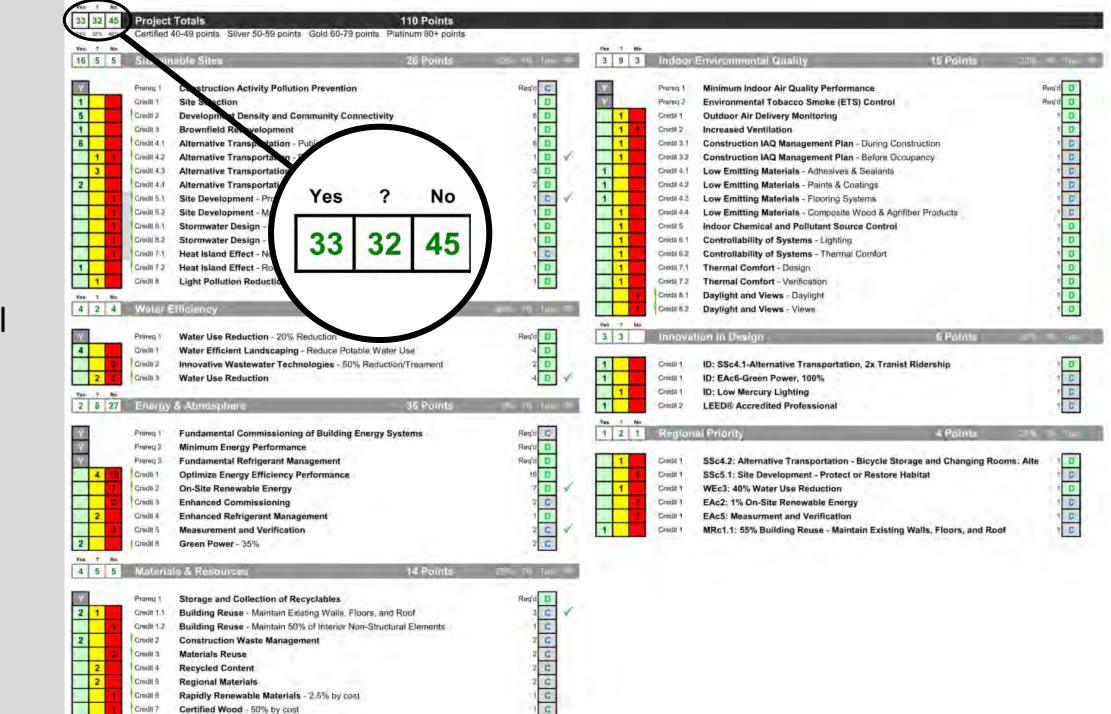


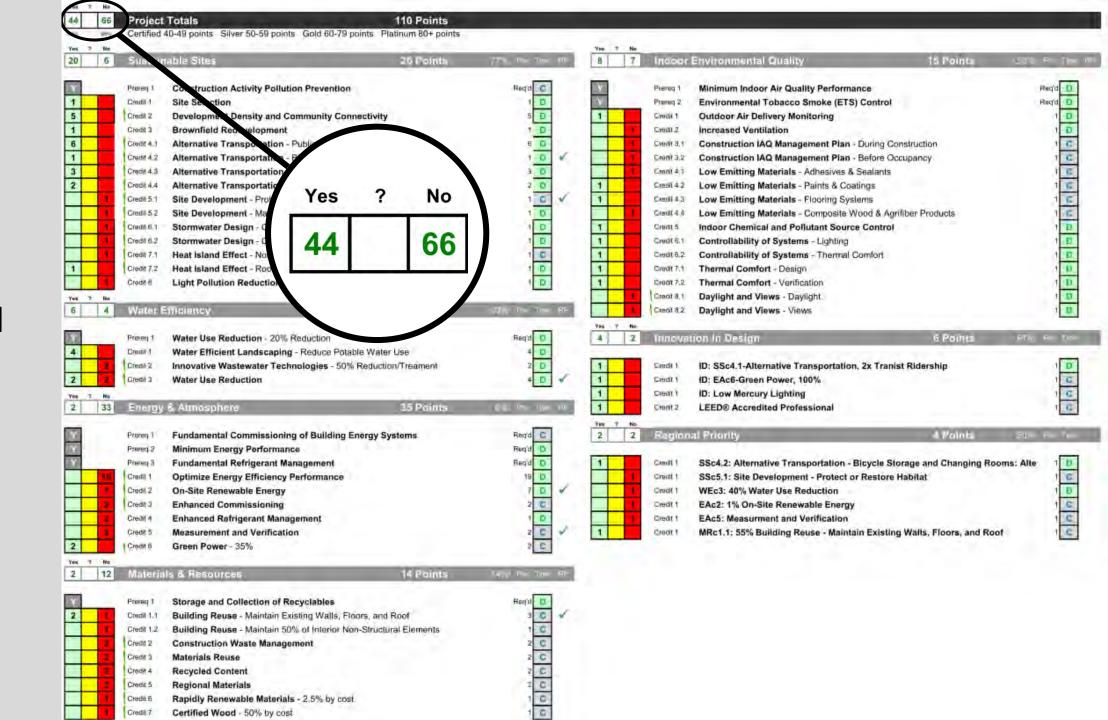


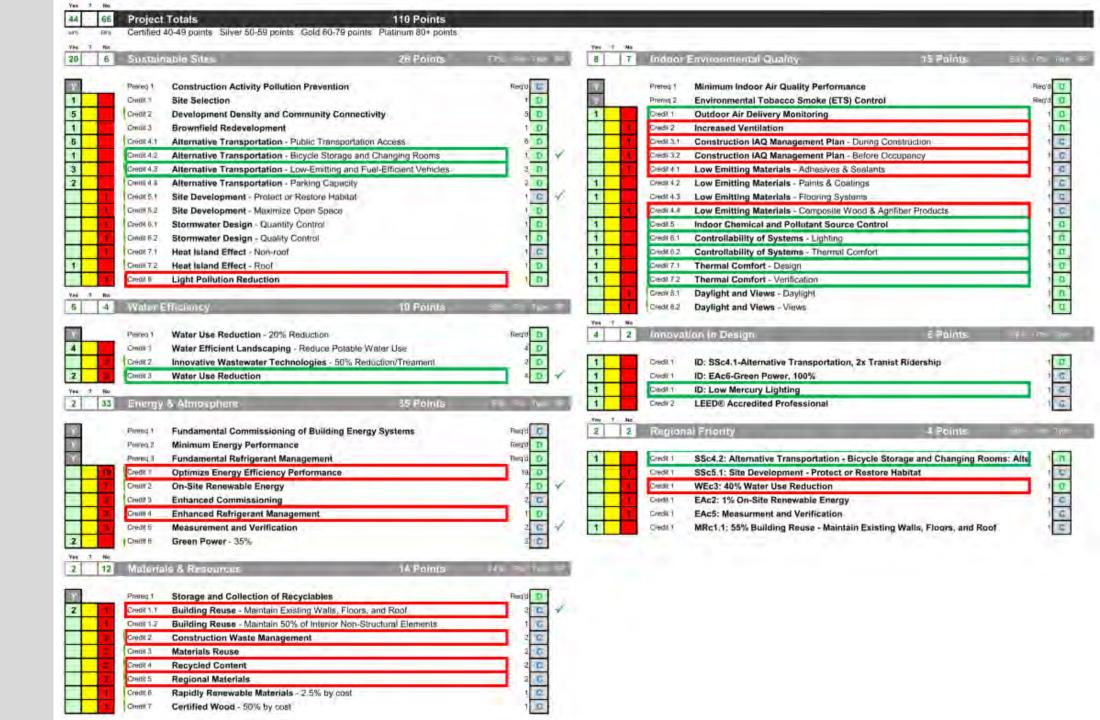










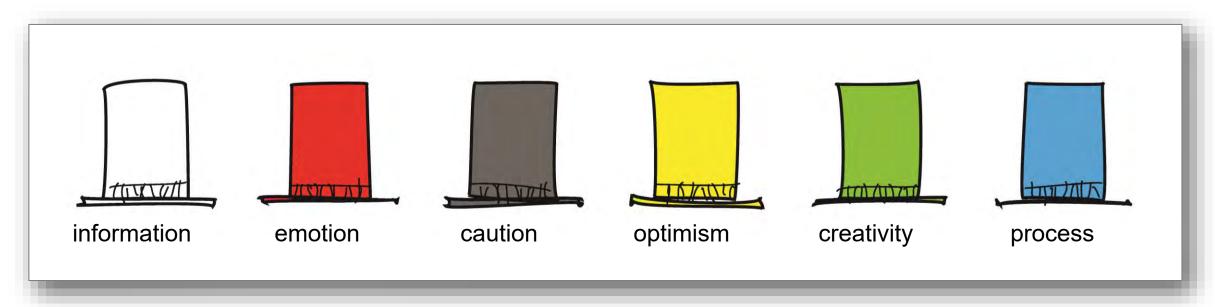


Lessons Learned:



DO RATING SYSTEMS REALLY WORK?

Draw conclusions concentrating on how rating systems work, what they can do for operations, their limitations, and why they are important or irrelevant.



PARALLEL THINKING

WHAT ARE SOME OF THE GREATEST "OPTIMISMS" you have about rating systems?

(Please come to the microphone to share for as little as 15 seconds and up to 90 seconds. This can be a point or a story.)

DREW, HOW DO WE MAKE THIS SO WE CAN EDIT IT?

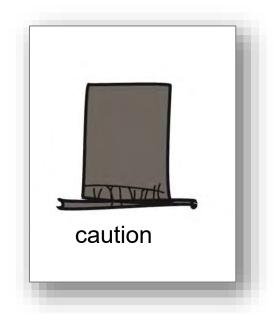


PARALLEL THINKING

WHAT ARE SOME OF THE GREATEST "CAUTIONS" you have about rating systems?

(Please come to the microphone to share for as little as 15 seconds and up to 90 seconds. This can be a point or a story.)

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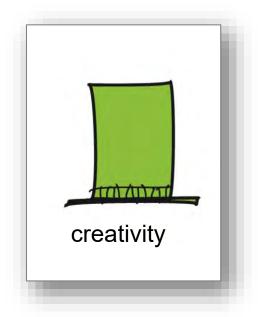


PARALLEL THINKING

NOW LET'S GET CREATIVE! How can you address the cautions in the rating systems with creativity?

(Please come to the microphone to share for as little as 15 seconds and up to 90 seconds. This can be a point or a story.)

DREW, HOW DO WE MAKE THIS SO WE CAN EDIT IT?



PARALLEL THINKING

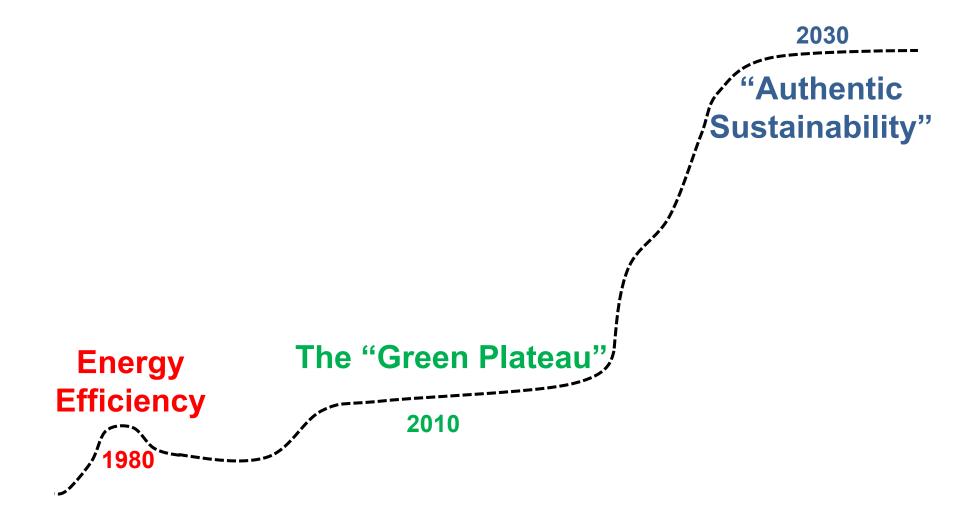








How do these rating systems get us above the green plateau?



Closing thoughts:

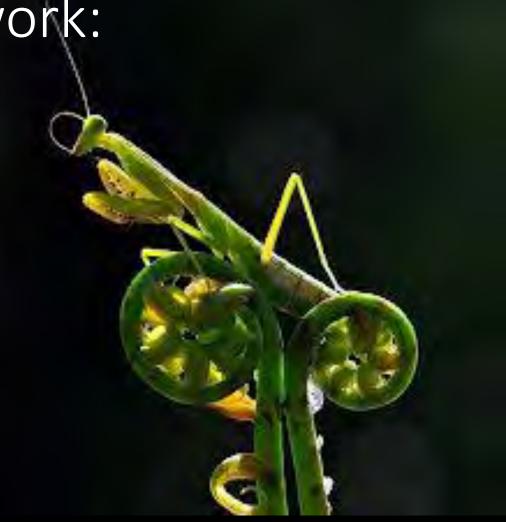
Do rating systems really work?

How to get rating systems to work:

- Pick the right rating system to match your goals
- Manage the process
- Play a role in shaping the rating system

Why stop there?

- Use BMPs from other rating systems
- Why wait for the client to tell you?
- It is bigger than CO2































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A comparison of the 2018 IECC to other standards

MEASURE	2018 IECC / 90.1-2016	ENERGY STAR	LEED BD+C	LEED	LEED MIDRISE	EGC 5.18	PHIUS	NGBS	GREEN
ENERGY MODEL ASHRAE 90.1-2013 as base	8%	15%	3%	15%	3%	15%	WUFI ~25%	=-	- 3%
ENVELOPE INSPECTION	✓	✓.	No	✓	✓	1	1	~	No
BLOWER DOOR TESTING	No	1	No	1	1	No	V	No	No
MANUAL J	No	✓.	No	V	√	√	V	~	No
KITCHEN EXHAUST	No	1	1	1	1	1	1	No	No
IN-UNIT VENTILATION	1	✓	√	√	V	1	1	No	No
IN-UNIT DUCT TESTING	No	1	No	1	1	1	1	No	No
COMMISSIONING	1	No	√	?	V	1	?	No	No





