

NAVFAC CRITERIA

OFFICE

SUSTAINABLE CONCEPTS

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Sustainable Evolution

- Establishes President's Council on Sustainable Development. June 29, 1993

Quote:

“*SUSTAINABLE DEVELOPMENT*” is broadly defined as economic growth that will benefit present and future generations without detrimentally affecting the resources or biological systems of the planet.

ENVIRONMENTAL PERMITTING SITE RESTORATION

**SUPPORTING OUR CLIENTS WE NEED
TO ADD INTEGRATED TEAM FACILITY
ENVIRONMENTAL PERSPECTIVE :**

- MINIMIZE ENERGY CONSUMPTION.
- MINIMIZE GREEN HOUSE GAS EMISSIONS.
- MAXIMIZE “USE” “REUSE” PRINCIPLE
- MINIMIZE IMPACT TO SOLID WASTE STREAM
- WATER CONVERSATION

WE

IMPROVE OCCUPANT PRODUCTIVITY:

- ENHANCED USE OF DAYLIGHTING.
- ENHANCED IN-DOOR/OUTDOOR INTEGRATION.
- IMPROVED IN-DOOR AIR QUALITY.

Minimize Energy Use.	New ?	No
Occupant Productivity	New ?	Yes
“Use, reuse” principle	New ?	Yes
Use of Recycled Material	New ?	Yes
Air Quality.	New ?	No

Impact to Cost



BALANCE

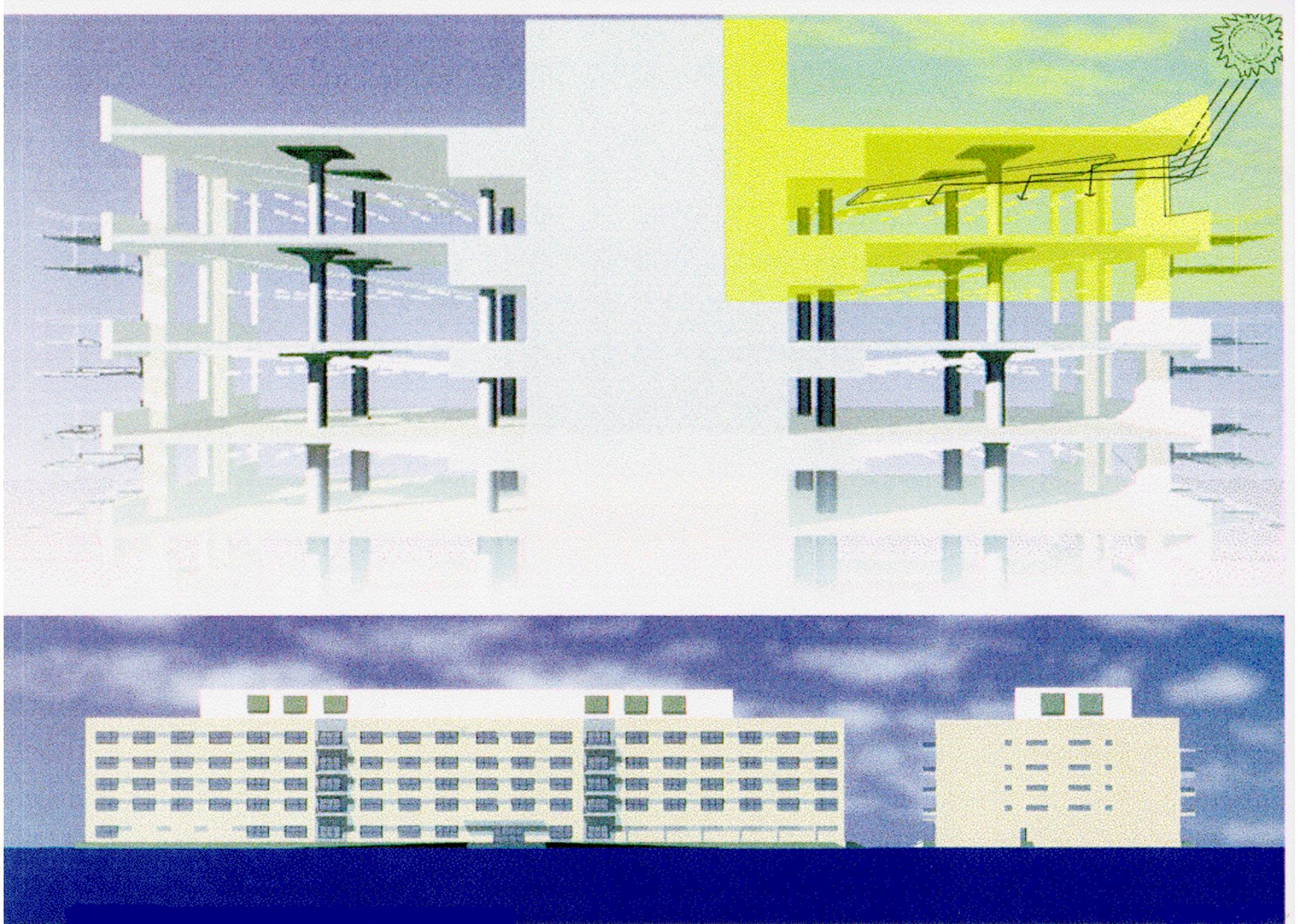
INTEGRATED TEAM OBJECTIVES

YES

**CONCEPT MANDATORY ALL PROJECTS FY00
BEYOND**

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**OPEN LANDSCAPE OFFICE LAYOUT - EXTERIOR WALL
PREDOMINANT OPEN VIEW.**

**FULL TRAVERSE OF NATURAL LIGHT THROUGH
SLOPED REFLECTIVE CEILING.**

DOUBLE ZONE WINDOW TREATMENT

**DEEP DAYLIGHT UPPER PORTION
DIFFUSE LIGHT OCCUPANT LEVEL**

ENERGY USE SLIGHTLY BETTER THAN TARGETED 30% REDUCTION .

- **VALIDATED SEVERAL ENERGY PROGRAMS.**
- **USED DIMMABLE BALLAST FIXTURES.**
- **USED ULTRASONIC & INFRARED SENSORS FOR DAYLIGHT/ ARTIFICIAL LIGHT CONTROL.**
- **USED MOTION DETECTORS FOR OCCUPANCY.**
- **HIGH EFFICIENCY HVAC**
- **REDUCED DESK TOP LIGHTING LEVELS.**

Increased use of materials and products with **RECYCLED CONTENT**.

RECYCLING OF CONSTRUCTION WASTE
and building materials after demolition

Facility **maintenance and operational manuals** will reflect processes that eliminate harmful effects on people and the natural environment

Installed monitoring to provide **data feedback** following occupancy.

CONDUCTING TRAINING COURSE @ EFD/A'S

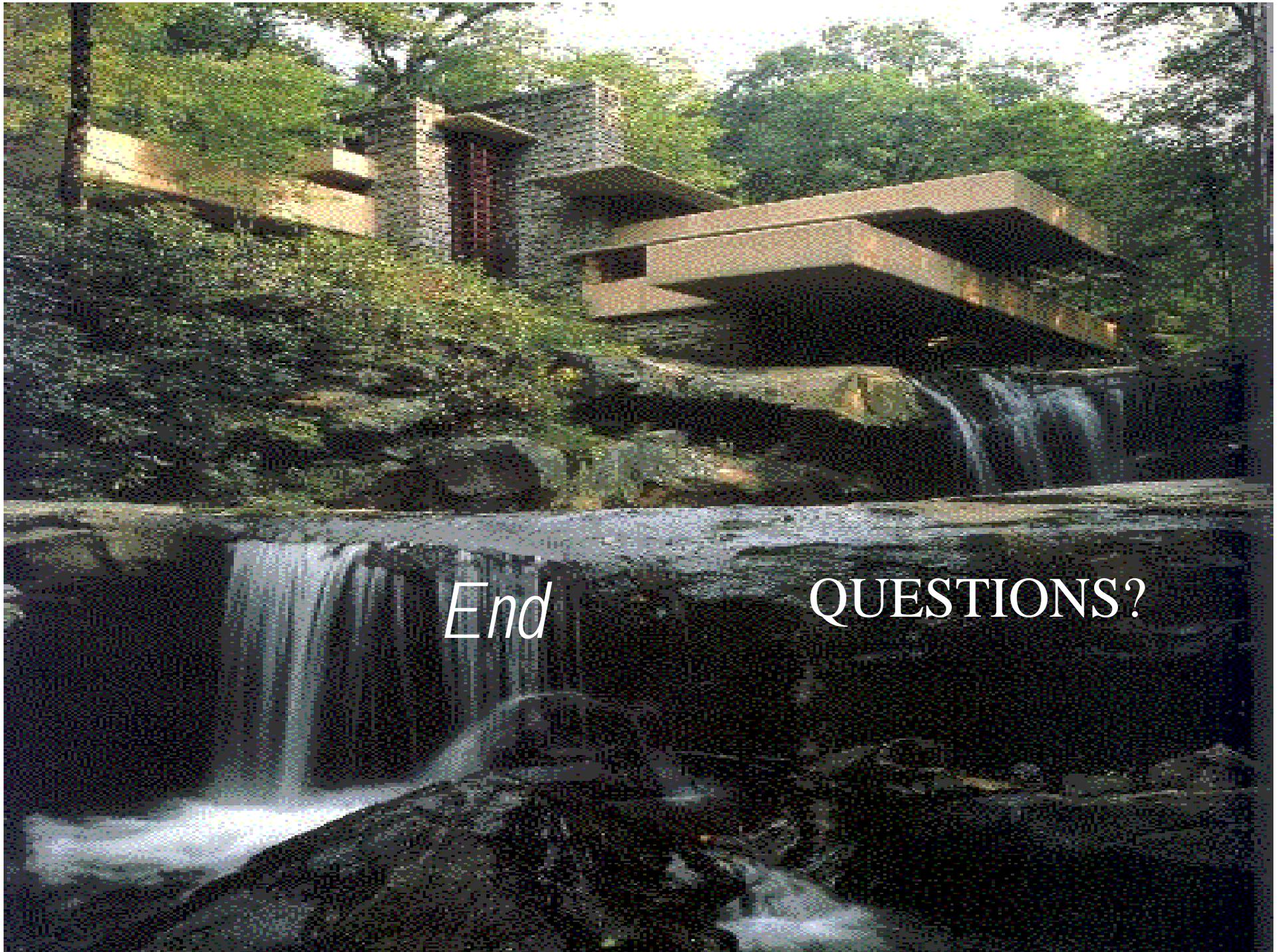
DEVELOPING WEB BASED CRITERIA "WHOLE BUILDING DESIGN GUIDE FROM FEDERAL PERSPECTIVE.

GREENING SPECIFICATIONS FROM TRI SERVICE PERSPECTIVE.

ADDING SUSTAINABLE OBJECTIVES TO CRITERIA UPDATES IN TRI SERVICE ENVIRONMENT.

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QUESTIONS?