

W O M E N
I N
S O L A R
E N E R G Y

A JOURNEY INSPIRED
BY AN INCREDIBLE
VARIETY OF
INDIVIDUALS OF ALL
AGES, SEXES, RACES &
CULTURES



DEBBIE RUCKER COLEMAN,
ARCHITECT, SUN PLANS, AUGUST 2023 1



BY ARCHIE K LYNCH

PLEASE, GOD,
DON'T LET THE
SUN GO OUT
(MY 8-YEAR-
OLD PRAYER)

THE SUN IS THE MOST
IMPORTANT ELEMENT THAT
WE CAN SEE.
IT IS LITERALLY THE
CENTER OF OUR WORLD
AND WITHOUT IT THERE
WOULD BE NO LIFE ON
EARTH.



View of Earth's Community Parks. | Moving Sun in Taipei, Taiwan, captured

THANKS, DAD,
FOR YOUR
LOVE OF THE
SKY AND
PLANETARIUMS



IT TAUGHT ME TO LOOK
UP

THANKS, SUN,
FOR BEING
THERE

WATCHING THE MORNING
SKY (WITH OR WITHOUT
THE SUN SHOWING)
MAKES MY DAY



THANKS, MOM,
FOR YOUR
LOVE OF THE
OUTDOORS

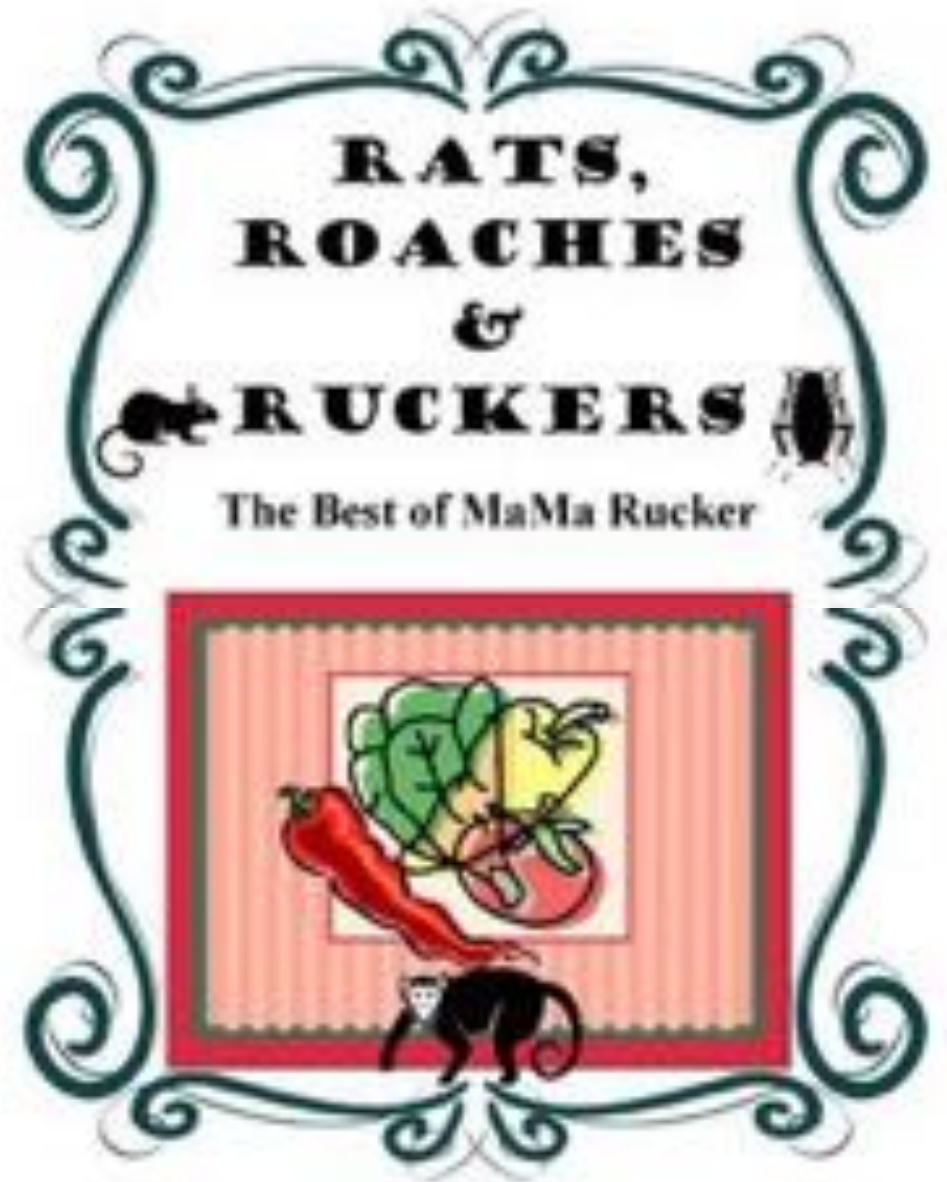


IT TAUGHT ME TO ENJOY
THE OUTDOORS MORE
THAN THE INDOORS

THANKS,
MAWMAW, FOR
YOUR LOVE OF
PEOPLE AND
LAUGHTER



IT TAUGHT ME TO LISTEN
TO OTHERS AND SEE THE
HUMOR IN LIFE



THANKS,
NEIGHBORS,
FOR THE PALM
FRONDS AND
METAL CANOE

THEY ALLOWED ME TO
CREATE PLAYHOUSES
AND SPACESHIPS.



THANKS,
BROTHERS, FOR
THE
ETCH-A-SKETCH
AND LINCOLN
LOGS

THEY ALLOWED ME TO
EXPLORE SHAPES IN 2D
AND 3D



THANKS,
PAWPAW, FOR
SAVING SMALL
BOXES

THEY ALLOWED ME TO
BUILD HOUSES FOR MY
BARBIE DOLLS



THANKS,
PARENTS, FOR
LIVING IN A
MODEST HOUSE
WITH NO AIR
CONDITIONING

AND CHOOSING ONE
THAT COINCIDENTALLY
INTEGRATED SOUTH-
FACING WINDOWS



THANKS, SHAW
BUTTE MIDDLE
SCHOOL, FOR
SWITCHING THE
GIRLS TO SHOP
CLASS FOR ONE
SEMESTER

THAT GAVE ME AN
INTRODUCTION TO
WOOD-WORKING TOOLS



THANKS, MOON
VALLEY HIGH
SCHOOL, FOR
ALLOWING ME
(A GIRL!) TO
TAKE DRAFTING



AND THANKS DAD FOR
PUSHING FOR THE
SPECIAL PERMISSION

THANKS, UNIV.
OF ARIZONA
COLLEGE OF
ARCHITECTURE,
FOR TEACHING
ME TO DESIGN
WITH NATURE



INCLUDING THE LAND, TREES,
AND WIND AS WELL AS THE SUN.



THANKS, PROF.
SAILE, FOR
ADVOCATING
FOR MY
CONTINUATION
IN COLLEGE IN
SPITE OF MY
"D" IN DESIGN

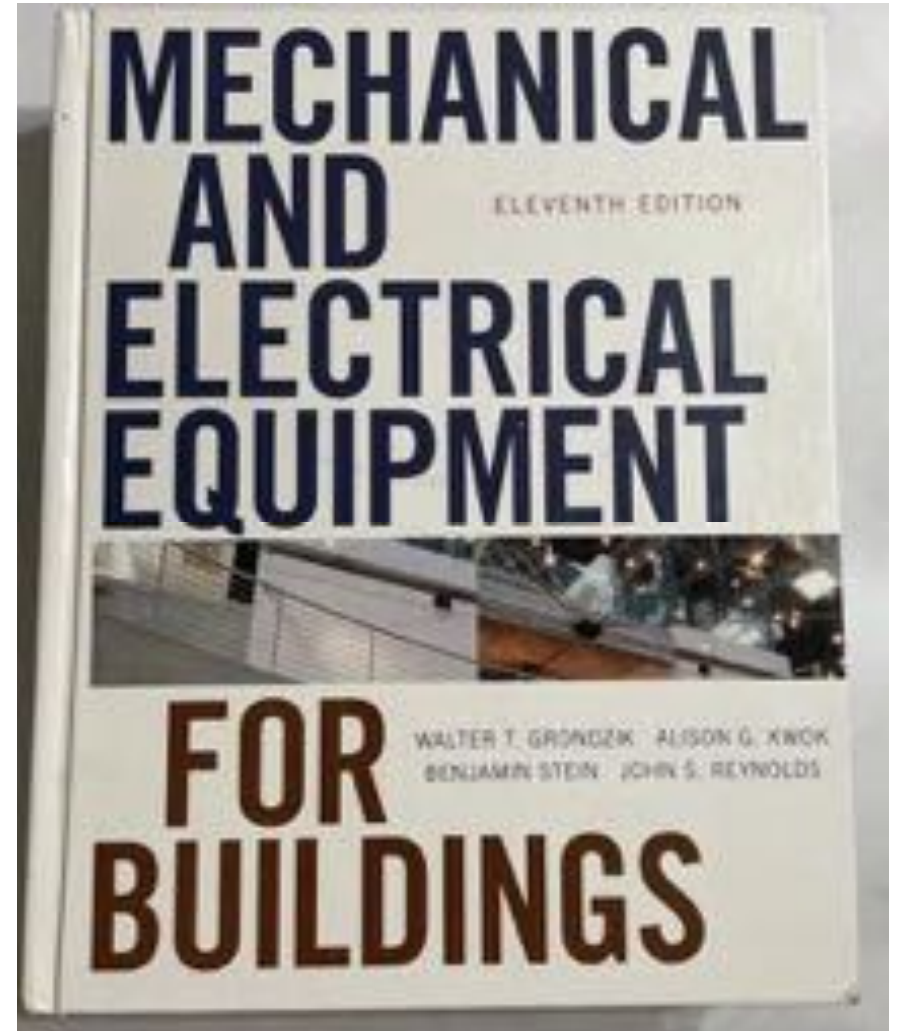
YOU SAID SINCE I WAS SO
YOUNG, I WOULD MATURE



THANKS, PROF.
(DEAN)
ALBANESE, FOR
TEACHING ME
MECHANICAL
DESIGN



HEAT LOSS AND HEAT GAIN
CALCULATIONS WERE
ENJOYABLE. ΔT WAS MY FRIEND.



$U \text{ value} \times \text{Wall area} \times \text{Delta T}$

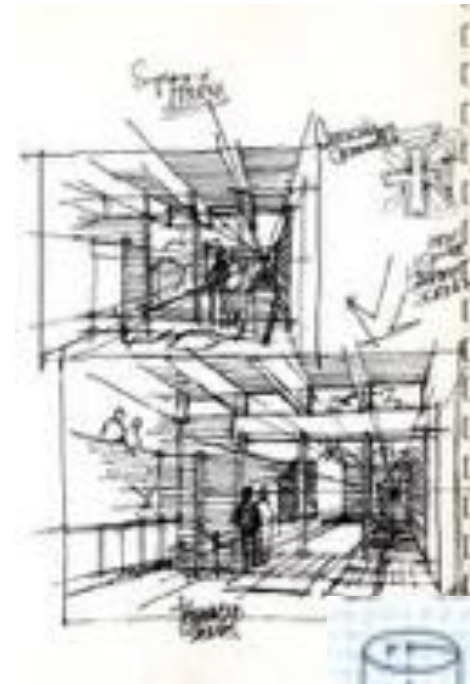
THANKS, PROF.
MCCONNELL,
FOR ALLOWING
ME TO CRY IN
YOUR OFFICE

"I JUST WANT TO BE A GOOD
ARCHITECT, WIFE, AND
MOTHER" (THE LATTER TWO
WERE A COMPLETE SURPRISE
TO ME!)



THANKS, PROF.
KIRBY LOCKARD,
FOR TEACHING
ME HOW TO
THINK WITH
BOTH HALVES
OF MY BRAIN

ARCHITECTURE IS BOTH ART
AND SCIENCE. COMMUNICATING
WITH DRAWINGS AND NUMBERS
IS EASIER THAN WITH WORDS.



THANKS, DEAN
BEST, FOR
HIRING ME FOR
MY FIRST
ARCHITECTURAL
JOB



EVEN THOUGH DURING THE FIRST INTERVIEW YOU
TOLD ME YOU'D NEVER HIRE ANOTHER WOMEN.
IT WAS REWARDING WHEN YOU CALLED THE YEAR
AFTER I'D LEFT AND ASKED ME TO COME BACK.

THANKS,
CLINTON
GRAVELY, FOR
ALLOWING ME
TO DESIGN
AFFORDABLE
HOUSING



YOU SEEMED TO APPRECIATE MY OUTLOOK ON
SITING BUILDINGS AND HARD WORK ETHICS EVEN
THOUGH I WAS OFTEN LATE TO WORK.

**THANKS, HOWARD
CONSTRUCTION,
FOR THE JOBS
FIRST IN THE
FIELD THEN IN
THE SCHEDULING
OFFICE**



THE KNOWLEDGE I GAINED IN WORKING
ALONGSIDE THE CONSTRUCTION WORKERS AND
SUBCONTRACTORS WAS INVALUABLE.

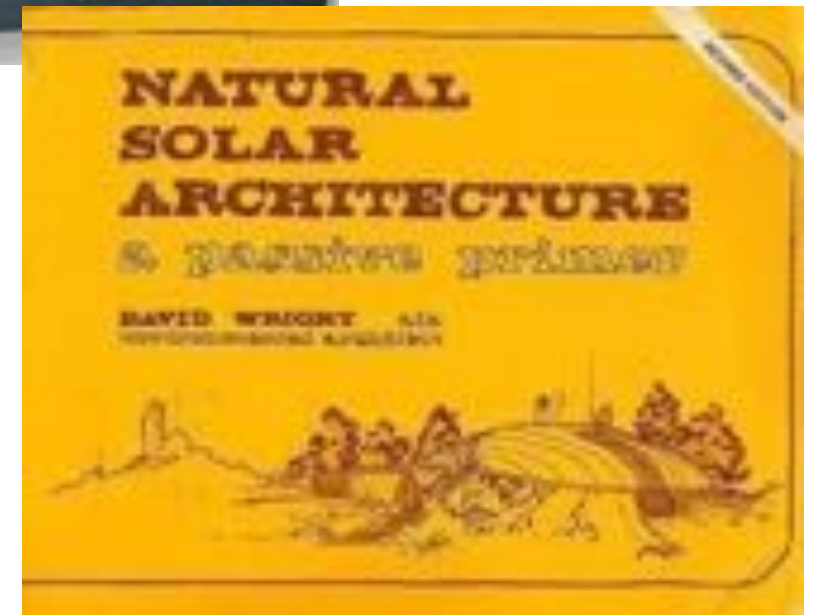
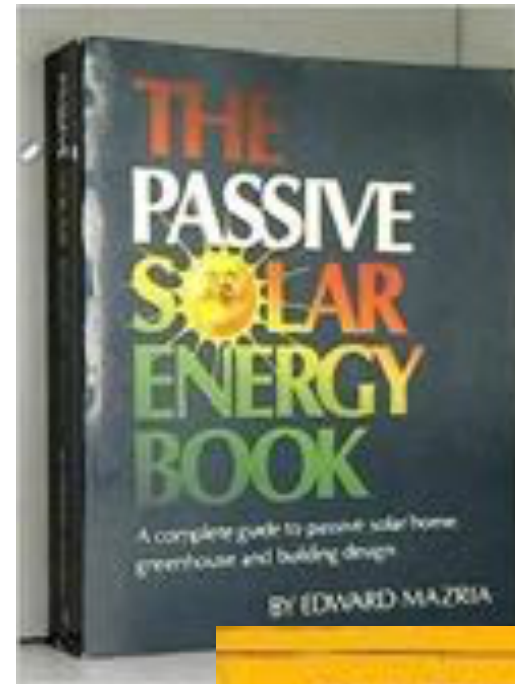
THANKS, MICHAEL
RATCLIFF, FOR
ENCOURAGING ME
TO TAKE THE
ARCHITECTURAL
REGISTRATION
EXAM



MY TWO YEARS OF CONSTRUCTION COUNTED
FOR ONE YEAR OF WORKING FOR AN ARCHITECT.
UNFORTUNATELY, THIS IS NO LONGER ALLOWED.

THANKS,
GUILFORD TECH.
COMMUNITY
COLLEGE, FOR
OFFERING A
"PASSIVE SOLAR"
COURSE

IT EXPANDED MY KNOWLEDGE
OF THIS SEEMINGLY NEW
SUBJECT (THANKS ED MAZRIA)



THANKS, SELF,
FOR THE
COMMITMENT TO
STUDY AND TAKE
(TWO TIMES) THE
ARCHITECTURAL
EXAM

I CAN'T IMAGINE ANOTHER
PROFESSION THAT I'D
ENJOY MORE.



THANKS, PROF.
GREENE, (U OF
A) FOR THE
BUSINESS AND
ETHICS CLASS.



BUSINESS PLAN ASKED FOR 3 MONTHS EXPENSES.
MONTH 1, LOOK FOR WORK
MONTH 2, DO THE WORK
MONTH 3, GET PAID FOR THE WORK!
UNFORTUNATELY, THE BANK STILL SAID NO.

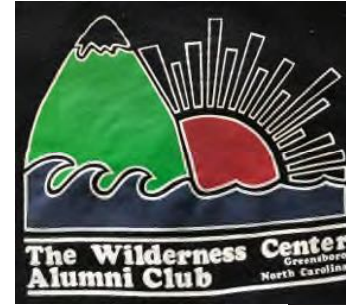
THANKS, DAN
COLEMAN, FOR
CO-SIGNING A
BUSINESS LOAN
SO I COULD
START MY OWN
COMPANY

AND FOR GIVING ME A
DRAFTING TABLE FOR
CHRISTMAS.

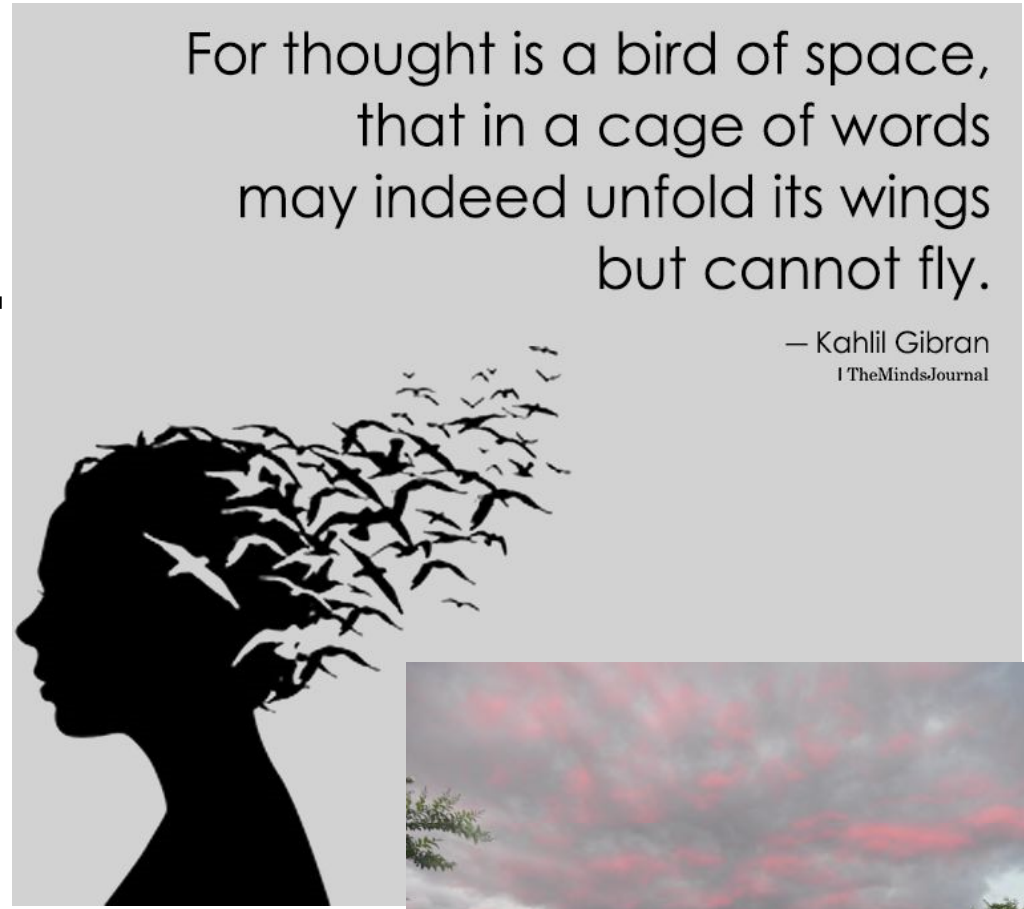


THANKS,
WILDERNESS
CENTER, FOR
CLASSES THAT
CONNECTED ME
FURTHER TO THE
OUTDOORS

IT MADE ME WANT TO
CONNECT THE INTERIOR
OF HOMES TO NATURE.



THANKS, KAHLIL
GIBRAN, FOR
THE WORDS THAT
DESCRIBE MY
FEELINGS ABOUT
SOLITUDE IN
THE OUTDOORS



For thought is a bird of space,
that in a cage of words
may indeed unfold its wings
but cannot fly.

— Kahlil Gibran
| TheMindsJournal



"GOD" AND "NATURE" SEEM INSEPARABLE

THANKS, ASES,
FOR HOSTING
ANNUAL SOLAR
CONFERENCES
(SINCE 1976)



AMERICAN
SOLAR
ENERGY SOCIETY

MY FIRST ASES
CONFERENCE WAS IN
1985!

1991 Denver, CO – Joint with ISES

1990 Austin, TX

1989 Denver, CO

1988 Cambridge, MA

1987 Portland, OR

1986 Boulder, CO

1985 Raleigh, NC

1984 Columbus, OH

1983 Santa Fe, NM

1982 Knoxville, TN

1981 Philadelphia, PA – Annual Portland, OR - Passive

1980 Phoenix, AZ – Annual Amherst, MA - Passive

1979 Atlanta, GA - Annual San Jose, CA, January – Passive Kansas City, MO, October -
Passive

1978 Denver, CO - Annual

1978 Philadelphia, PA

1977 Orlando, FL

1976 Albuquerque, NM

THANKS,
SOUTHFACE, FOR
THE EARTH CRAFT
HOUSE PROGRAM

THROUGH IT I LEARNED
THE IMPORTANCE OF
QUALITY-INSTALLED
INSULATION AND AIR
TIGHTNESS.



THANKS, NC
BUILDERS AND
DEVELOPERS,
FOR THE HOME
DESIGN
CONTRACTS

BUYERS VALUED THE
SUNLIGHT AND LOWER
PRICES WITH GREATER
LAND USE EFFICIENCY



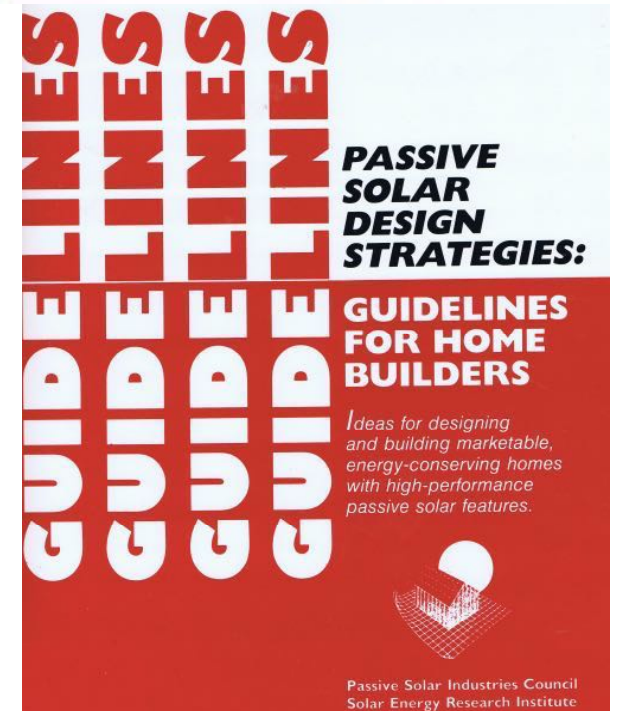
THANKS, NORTH
CAROLINA SOLAR
CENTER, FOR
COORDINATING
WORKSHOPS ON
SOLAR ENERGY

I WENT ON TO TEACH
PASSIVE SOLAR CLASSES
WITH THEM.



THANKS, DOUG
BALCOMB (LANL),
SERI (NREL),
NAHB, ETC. FOR
THE PASSIVE
SOLAR DESIGN
STRATEGIES

THE RULES OF THUMB ARE
STILL APPLICABLE TODAY



THANKS, GORDON
PLUMBLEE, FOR
BEING MY FIRST
CUSTOM PASSIVE
SOLAR CLIENT IN
1990

THE HOME IS STILL
COMFORTABLE WITH LOW
ENERGY USE.



THANKS, *FINE*
HOMEBUILDING,
FOR PUBLISHING
"PRACTICAL
SOLAR DESIGN"
1993, # 84

THE EDITOR, SCOTT
GIBSON, STILL WRITES
ENERGY-RELATED
ARTICLES FOR THEM
TODAY.



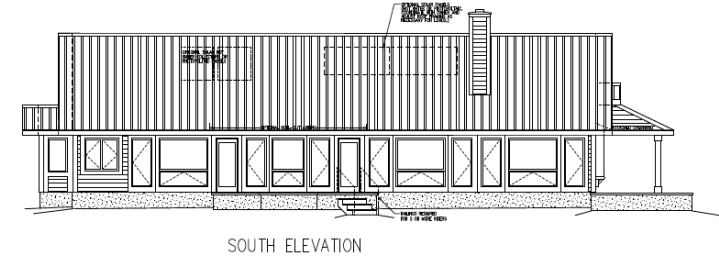
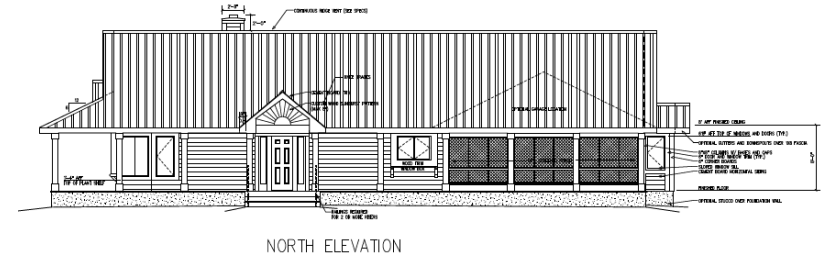
THANKS, CIBA
(BASF), FOR
OFFERING DAN A
JOB OVERSEAS

AND THE OPPORTUNITY TO
LIVE IN A PASSIVE SOLAR
APARTMENT



THANKS, TRASCO,
FOR KEEPING MY
DRAWINGS FOR
ON-DEMAND
BLUEPRINTING

I COULD KEEP WORKING
FROM SWITZERLAND AND
BEYOND



THANKS, SELF,
FOR THE COURAGE
TO CROSS THE
ATLANTIC AND
LIVE OFF-GRID
FOR 5 YEARS

WHO KNEW WE COULD LIVE
ON SO LITTLE ENERGY AND
WATER CONSUMPTION!



THANKS,
GABRIEL, FOR
COMING INTO
OUR LIVES AND
HELPING US
BUILD A SUN-
INSPIRED HOUSE

MY CAREER TOOK SECOND
PLACE FOR A WHILE.



THANKS,
NATIONAL SOLAR
TOUR, FOR THE
PROGRAM TO
SHARE & EDUCATE
ABOUT OUR
HOUSE

LOCAL MEDIA AND
ORGANIZATIONS HELPED
PROMOTE THE TOUR

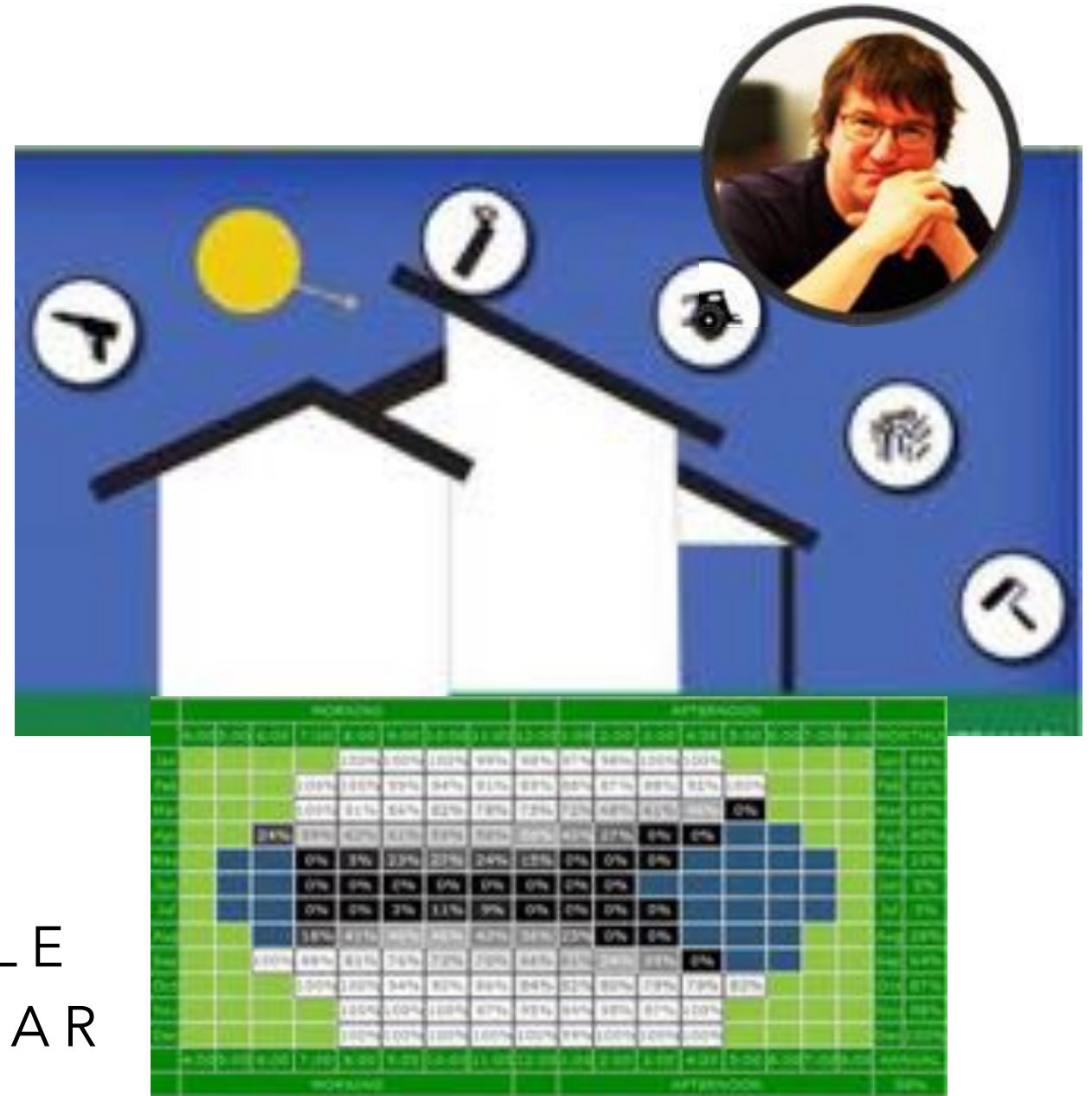


THANKS, SOLAR
DECATHLON, FOR
THE NATIONAL
MALL DISPLAYS
OF STUDENT
SOLAR HOMES

PERFECT FOR A
MOTHER/SON TRAIN TRIP
WITH THE KID-FRIENDLY
HANDS-ON ACTIVITIES



THANKS,
CHRISTOPHER
GRONBECK,
FOR SOLAR
DESIGN TOOLS



THEY ARE AN INVALUABLE
ASSET FOR PASSIVE SOLAR
DESIGN.

THANKS,
CLIENTS, FOR
TRUSTING ME
TO DESIGN THE
SPACES WHERE
YOU SPEND
MOST OF YOUR
TIME

YOU HAVE IDEAS. IT'S MY JOB TO HELP
"BIRTH" THEM INTO A HOME DESIGN.



THANKS, SCOTT
SKLAR, FOR
ENCOURAGING
MY ASES
INVOLVEMENT



ASES TECHNICAL DIVISIONS

ASES Technical Divisions:
Photovoltaics Division
Solar Buildings Division
Solar Thermal Division
Grid Modernization and Storage Division
Energy Economics Division
Sustainability Division
Policy Division
Resource Applications Division



PASSIVE SOLAR INFO SEEMED WEAK IN THE EVENTS.
WHEN YOU SPEAK UP, ASES LISTENS.

THANKS, ROBERT
FOSTER, FOR
INVITING ME TO
RUN FOR THE
ASES BOARD



WOW, WHAT A PASSIONATE
GROUP OF PEOPLE!

THANKS, CARLY
RIXHAM, ASES
EXECUTIVE
DIRECTOR, FOR
THE STEADY
HAND ON THE
ASES HELM



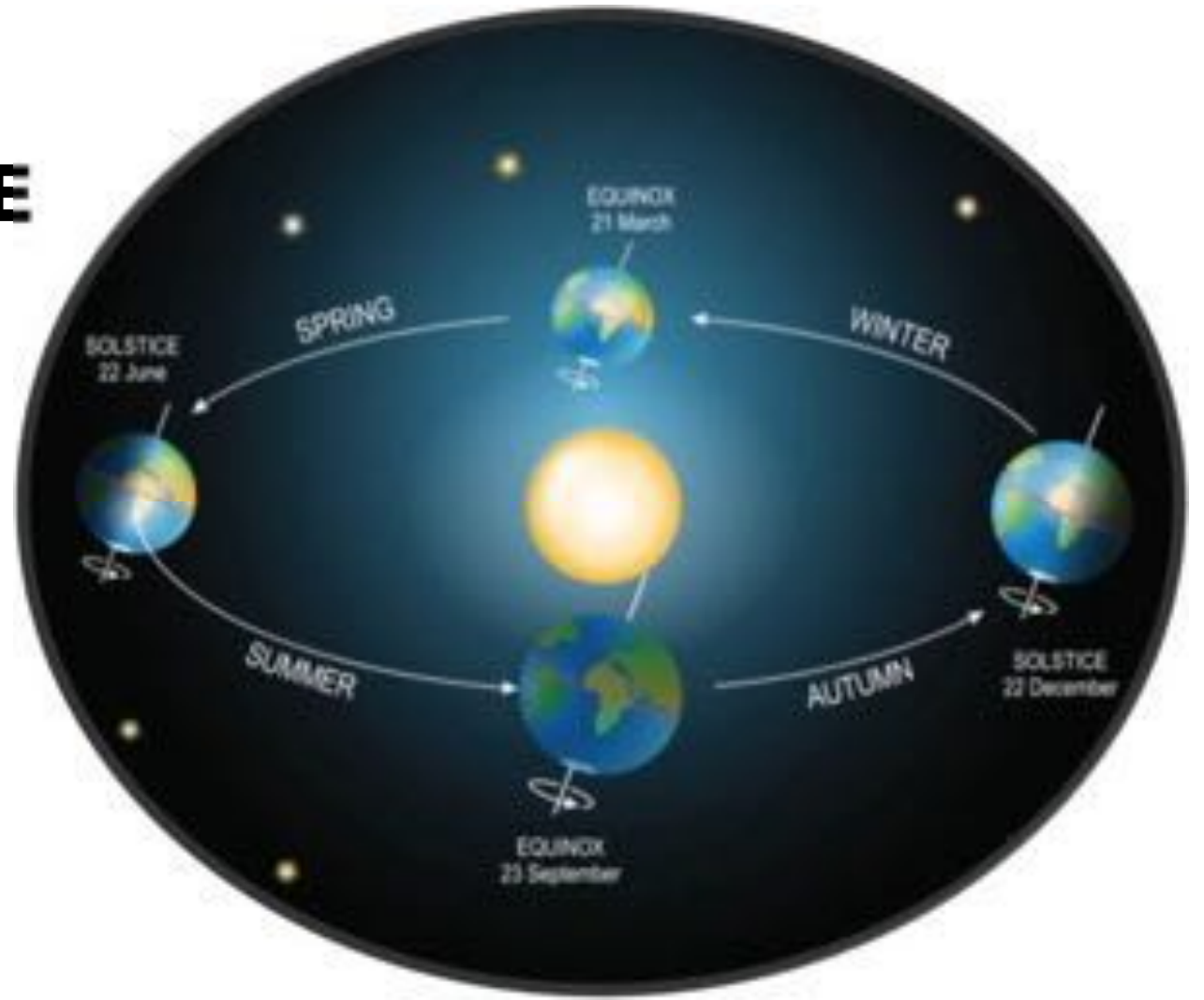
AND THE STAFF, INTERNS & VOLUNTEERS FOR
SOLAR 2023, THE NATIONAL SOLAR TOUR, SOLAR
TODAY, FINANCES, AND DAILY OPERATIONS.

THANK YOU FOR
SUPPORTING
ASES THROUGH
PARTICIPATION,
MEMBERSHIP,
SPONSORSHIP,
AND DONATIONS



IT'S WHAT YOU MAKE IT. THROUGH THE ONLINE
COMMUNITY & EVENTS, YOU INSPIRE, EDUCATE,
AND DEMONSTRATE SOLAR ENERGY & OTHER
SUSTAINABLE BUILDING STRATEGIES.

SO, THANKS
AGAIN, TO THE
INCREDIBLE
VARIETY OF
INDIVIDUALS
WHO INSPIRE
MY ANNUAL
TRIP AROUND
THE SUN



PLEASE,
WORLD,
LET THE
SUNSHINE
IN

THE EARTH IS
DEPENDING
UPON US

