

RANDY BROWN, FAIA, LEED-AP, PRINCIPAL
RANDY BROWN ARCHITECTS
1925 N. 120th STREET
OMAHA, NE 68154
P. (402) 551-7097
F. (402) 551-2033
RANDY@RANDYBROWNSARCHITECTS.COM

RANDY BROWN FOUNDED RANDY BROWN ARCHITECTS IN 1993 (FORMERLY RANDY BROWN INTERIORS, 1989) WITH THE MISSION TO BRING INNOVATIVE AND ARTISTIC ARCHITECTURAL DESIGNS TO HIS HOME STATE OF NEBRASKA. HIS AMBITION: TO DEMONSTRATE TO THE HEARTLAND THAT THE ARCHITECTURAL SOLUTIONS TO THEIR PRAGMATIC NEEDS AND FUNCTIONAL REQUIREMENTS COULD BE CREATIVE AND PROVOKING. FIFTEEN YEARS LATER, RBA CONTINUES TO EDUCATE AND INSPIRE THE PUBLIC BY WEAVING AWARD-WINNING ARCHITECTURE INTO THEIR EVERYDAY LIVES. INSPIRED BY THE RURAL LANDSCAPES AND COMMUNITIES OF NEBRASKA, RANDY BROWN AND HIS TEAM HAVE DEVELOPED A UNIQUE APPROACH TO ARCHITECTURE THAT COUPLES THE BEST OF MODERN, ECOLOGICALLY-SENSITIVE DESIGN WITH AN APPRECIATION OF THE NATURAL LANDSCAPES AND HONEST LIFESTYLES OF MIDDLE AMERICA. HE IS FREQUENTLY RECOGNIZED BY THE NATIONAL AND INTERNATIONAL DESIGN COMMUNITY RESULTING IN SEVERAL PUBLICATIONS AND NUMEROUS STATE, REGIONAL, AND NATIONAL AWARDS. RANDY BROWN WAS HONORED TO RECEIVE THE AIA NATIONAL YOUNG ARCHITECT PRIZE IN 2002 AND AT THE AGE OF 39, RANDY BROWN WAS MADE A FELLOW OF THE AIA.

2. Detailed explanation of the entry

HIDDEN CREEK ECO-VILLAGE

THE CHALLENGE IS TO CREATE A NEW TYPE OF SUBURBAN DEVELOPMENT THAT RESPONDS TO BOTH THE DEMANDS OF SINGLE-FAMILY HOMEBUYERS AND ADDRESSES THE PROBLEMATIC NATURE OF SPRAWLING COOKIE-CUTTER HOUSING COMMON TO MIDWEST CITIES.

CONCEPTS:

- 1. Community** – THE ECO-VILLAGE HAS BEEN PLANNED AS A COMPACT, HIGH-DENSITY, ECO-FRIENDLY DEVELOPMENT WHICH ENCOURAGES INTERACTION AMONGST NEIGHBORS BY INTRODUCING DESIGN FEATURES SUCH AS FRONT PORCHES, SHARED STREETScape, COMMUNITY MAILBOXES, WALKING/BIKING TRAILS, AND CAR PARKS.
- 2. Environmental** – THE ECO-VILLAGE HAS BEEN PLANNED TO TIE INTO ITS NATURAL SURROUNDINGS. ALONG ITS NORTHWEST EDGE, THE DEVELOPMENT IS SITED ADJACENT TO A NATURE PRESERVE WHICH OFFERS WALKING AND BIKING TRAILS, LARGE OPEN GRASS SPACES, AND A LAKE. THE SOUTHWEST BORDER OF THE DEVELOPMENT IS DEFINED BY A MEANDERING CREEK, WHICH FEEDS INTO THE NEARBY LAKE. ALL EFFORTS HAVE BEEN MADE TO LOCATE THE PLANNED HOUSES AROUND EXISTING TREES AND LANDSCAPE. IN CASES WHERE TREES NEED TO BE RELOCATED, THEY WILL BE PLANTED IN OTHER AREAS OF THE SITE. EACH INDIVIDUAL HOUSE WILL BE DESIGNED WITH GREEN TECHNOLOGIES INCLUDING ACTIVE AND PASSIVE SOLAR DESIGN, GREEN ROOFS, AND GREY WATER COLLECTION SYSTEMS. INTERIOR MATERIALS INCLUDE BAMBOO FLOORS AND HANDRAILS, COMPACT FLUORESCENT LIGHTING, EXPOSED CONCRETE FLOORS WITH RADIANT HEATING, LOW-E GLASS, AND RECYCLED STONE COUNTERTOPS.
- 3. Diversity** – THE ECO-VILLAGE RESPONDS TO THE SAMENESS OF TYPICAL BUILDER HOUSES BY OFFERING 11 DIFFERENT CUSTOM, ARCHITECT-DESIGNED HOMES. EACH PLAN WILL BE UNIQUE BASED ON ITS LOCATION ON THE SITE. FURTHERMORE, EACH HOUSE WILL BE DESIGNED TO ALLOW VIEWS TO THE NATURE PRESERVE OR THE TREE-LINED CREEK.

3. How the entry is manufactured and delivered to its consumers

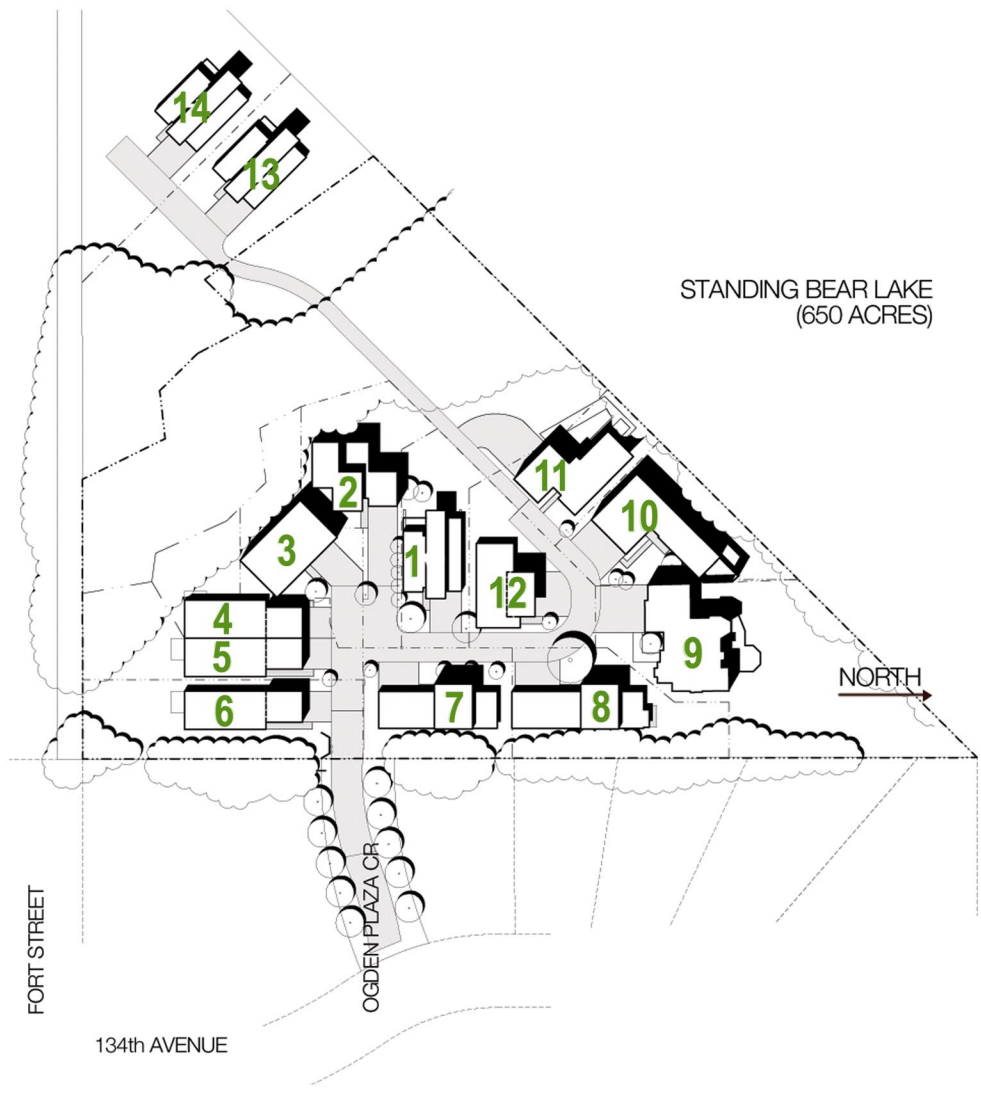
TWO SPEC HOMES WERE CONSTRUCTED BY THE ARCHITECTS TO HELP RAISE AWARENESS IN THE COMMUNITY OF AN ALTERNATIVE TO THE TYPICAL SUBURBAN HOME. THE HOUSES WERE BUILT FOR UNDER \$100 PER SQUARE FOOT AND INCORPORATE MANY SUSTAINABLE ELEMENTS SUCH AS GREEN ROOFS, BAMBOO FLOORING, LOW-E GLASS, AND MORE.

4. How the entry and its function/use maintains excellence in eco-sustainability in an environmentally friendly and responsible manner.

THE 12 HOMES AT HIDDEN CREEK ARE DESIGNED WITH THE FOLLOWING SUSTAINABLE ELEMENTS TO HELP PROMOTE AN ECO-FRIENDLY LIFESTYLE FOR ITS HOMEBUYERS.

- _ COMMUNITY GREEN SPACE
- _ FRONT PORCHES ON ALL HOMES
- _ WALKING/BIKING TRAILS TO ADJACENT NATURE PRESERVE
- _ MATURE TREES AND NATIVE GRASSES
- _ FLOURISHING WILDLIFE INCLUDING DEER, WILD TURKEY, SQUIRRELS, AND VARIOUS BIRDS.
- _ PRESERVATION OF EXISTING TREES AND CREEK
- _ REDUCED PAVEMENT TO ALLOW FOR MORE GREEN SPACE
- _ LOW ENERGY CONSUMPTION THROUGH EFFICIENT, COMPACT CONSTRUCTION
- _ GRASS ROOF GARDENS TO IMPROVE INSULATION AND REDUCE WATER RUN-OFF
- _ OPERABLE WINDOWS LOCATED AT END OF HOMES TO PROMOTE CROSS VENTILATION
- _ LARGE WINDOWS FRAME VIEWS OF NATURE
- _ 1" LOW-E GLASS
- _ FIBER CEMENT SIDING
- _ RUBBER ROOFS WITH 8"+ INSULATION
- _ NATURAL DAYLIGHTING
- _ COMPOSITE WOOD DECKING
- _ ECO-FRIENDLY FINISHES
 - BAMBOO FLOORING AND HANDRAILS
 - POLISHED CONCRETE FLOORS
 - EXPOSED FRAMING, REDUCING THE USE OF DRYWALL
 - ENERGY STAR APPLIANCES
 - COMPACT FLUORESCENT LIGHTING
 - RECYCLED STONE COUNTERTOPS
 - RADIANT HEAT FLOORING
 - FOREST STEWARDSHIP COUNCIL (FSC) CERTIFIED WOOD
 - EXPOSED CONCRETE FOUNDATION WALLS ON LOWER LEVEL
- _ OPTIONAL PHOTOVOLTAIC PANELS
- _ OPTIONAL GREY WATER COLLECTION SYSTEM TO BE STORED FOR FLUSHING TOILETS
- _ OPTIONAL GRASSCRETE DRIVEWAYS
- _ OPTIONAL GEO-THERMAL

5. At least one photograph representing the entry. (It is optional to upload up to 5 additional JPEG images.)



HIDDEN CREEK ECO-VILLAGE
SITE PLAN