1. METAL MESH RAINSCREEN
2. EXTRUDED ALUMINUM FRAME
3. 30"x30" WOOD PANEL VENEER
4. ALUMINUM STOREFRONT FRAME
5. DOUBLE PANED GLAZING
6. WEATHERSTRIP SEAL
7. BUILT-IN WOOD DESK EXTENSION
UT Zero-Energy House

1. WEATHERTIGHT FOLDING DOOR
2. DOUBLE PANED GLAZING
3. CONCRETE FINISH FLOOR
4. FIBERGLASS DOOR FRAME
5. ADA THRESHOLD
6. CORRUGATED METAL DECKING
7. PEX RADIANT HEAT TUBING
8. SIP FLOOR PANEL
9. STRUCTURAL STEEL TUBE
10. PIERAMID FOUNDATION SYSTEM

SCALE: 1/4" = 1'-0"
UT Zero-Energy House

SCALE: 1/4" = 1'-0"

SCALE: 3/4" = 1'-0"

1. 2" STEEL TUBE FRAME
2. PHOTOVOLTAIC LOUVER
3. STEEL PLATE SUPPORT ARM
4. BUILT-UP ROOF
5. VAPOR RETARDER
6. TAPERED RIGID INSULATION
7. 2x6 WOOD BLOCKING
8. SIP ROOF PLANE
9. METAL FLASHING CAP
10. ALUMINUM STOREFRONT FRAME
11. DOUBLE PANED GLAZING

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1. DOUBLE PANED GLAZING
2. BUILT-IN WOODEN DESK
3. GYPSUM BOARD FINISH
4. ALUMINUM STOREFRONT FRAME
5. FINISHED CONCRETE FLOOR
6. STRUCTURAL WOOD BLOCKING
7. RIGID INSULATION
8. WOOD PANEL VENEER
9. CORRUGATED METAL DECKING
10. PEX RADIANT HEAT TUBING
11. SIP FLOOR PANEL

SCALE: 1/4" = 1'-0"
UT Zero-Energy House

1. BUILT-UP ROOF
2. EXTRUDED ALUMINUM SCREEN FRAME
3. EXTRUDED ALUMINUM GUTTER
4. SIP PANEL
5. METAL MESH RAIN SCREEN
6. WOOD PANEL VENEER

7. ALUMINUM STOREFRONT FRAME
8. GYPSUM BOARD
9. 2x4 FUR-DOWN FRAMING
10. DOUBLE PANED GLAZING
11. METAL GRILLE VENT
12. GYPSUM BOARD

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UT Zero-Energy House

SUN PATH

WOOD

VENTILATION

MATERIAL

ZONE

CIRCULATION

LIVING

SERVICE

SOLAR + SHADING SYSTEM

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