

Architectural

A1.1 Site Plan
A1.2 Site Elevation - North & South
A1.3 Site Elevation - East & West
A2.1 Architectural Floor Plan
A2.2 Roof Plan
A2.3 Minimum Conditioned Area
A2.4 Max. Allowable Footprint
A3.1 South Elevation
A3.2 North Elevation
A3.3 End Elevations
A4.1 Longitudinal Section South
A4.2 Longitudinal Section North
A4.3 Transverse Sections
A4.4 Wall Detail
A5.1 Deck Plan
ADA1A ADA Accessible Tour Route
ADA1B ADA Accessible Tour Route
ADA2 Elevation Changes
ADA3 ADA Door Approaches
ADA4 ADA Details

Structural

S1 Cover Page
S2.1 Foundation
S3.1 Chassis
S3.2 Battery Rack
S4.1 Flooring Platform
S4.2 Warmboard
S5.1 Superstructure Column
S5.2 Superstructure Grid D
S5.3 Superstructure Grid C
S5.4 Superstructure Grid B
S5.5 FasWall
S6.1 Fixed Roof - East
S6.2 Fixed Roof - West
S7.1 Raised Roof
S8.1 Super Structure
S8.2 Roof Hardware Shop Drawings
S8.3 Roof Hardware Shop Drawings
S8.4 Roof Hardware Shop Drawings
S8.5 Roof Hardware Shop Drawings
S8.6 Roof Hardware Shop Drawings

DRAWING INDEX

Construction

C1 Bio-SIP Layout Plan
C2 Assemble 7 Disassembly
C3.1 Pier Layout
C3.2 Raising the House
C4 Deck
C4.1 North Deck Mods 1
C4.2 North Deck Mods 2
C4.3 North Deck and Stair Mods
C4.4 South Deck Mods
C4.5 South Deck Handrail Mods
C4.6 North Deck Handrail Mods 1
C4.7 North Deck Handrail Mods 2
C4.8 Decking Structural Details

Fire Protection and Safety

F1 Fire Protection - Equipment Location
F2 Fire Protection - Egress Routes

Mechanical

M1 Mechanical Systems Drawing Legend
M2 Ventilation
M3 AC Installation
M4 Solar Thermal Schematic
M5 Control logic for Radiant System (1)
M6 Control logic for Radiant System (2)
M7 Mechanical Equipment Schedule
M8 Layout for Mechanical Room
M9 Solar Thermal/ Roof Layout
M10 Solar Thermal/ South Elevation
M11 Solar Thermal/ South Elevation

Plumbing

P1 Isometric View of Plumbing System
P2 Plan View of Water Tank Locations
P3 Water Tanks
P4 Schedule of Water Requirements

Electrical

E1 PV System Schematic
E2 Branch Circuit Schedule
E3 Branch Circuit Layout
E4 Lighting Circuit Design
E5 Lighting Equipment Schedule



**University of Colorado -
Denver/Boulder**

College of Architecture and Planning,
College of Engineering and Applied Science, and
Leeds School of Business

University of Colorado at Boulder • 422 UCB • Boulder, CO 80309
Phone: 303-492-2536 • Fax: 303-492-6163, ATTN: Solar-D



2005 National Solar Decathlon - Washington, DC

Drawing

Title: DRAWING INDEX

Revisions (Name/Date):

Date: 08/15/05

Drawn by:

Checked By:

