

PHASE II: RESEARCH, DEVELOPMENT AND FIELD TESTING

Input Led to Three Designs

With Some Features Common to All:

- ▶ Accessible door and doorway
- ▶ Usable vestibule space, large enough for a wheelchair and commode with headroom
- ▶ Secondary use as a screen room
- ▶ Easier to stand up in for dressing or transfers

Combination Tent/Vestibule

- ▶ Includes sleeping space and usable, accessible vestibule
- ▶ Accessible door windows in sleeping area for side transfer to cot



Universal Vestibule

- ▶ Three walls can have couplings to attach tents or vehicle
- ▶ Can be used as standalone shelter
- ▶ Optional floor for use as tent for sleeping
- ▶ Coupling can be used to store bags



UV-Lite

- ▶ Can be used as a standalone accessible shelter
- ▶ Can attach to a single tent and provide a vestibule or second room
- ▶ Can provide shelter over picnic table



PHASE III: COMMERCIALIZATION

- ▶ Designed for manufacturing
- ▶ Patents filed (2 Utility, 2 Design)
- ▶ Licensing to manufacturers
 - Eureka! Freedom (Combined Tent/Vestibule) 2005
- ▶ Additional licenses available for:
 - Universal Vestibule
 - UV-Lite
 - Doors (3 accessible designs)
 - Hardware



MARKET RESEARCH/POTENTIAL

- ▶ Baby boomers
- ▶ People with disabilities and their families
- ▶ Campers who want more space
- ▶ Camping programs

PUBLICITY

- ▶ Minneapolis StarTribune article
- ▶ Goldstein Museum
- ▶ Rehabilitation Engineering and Assistive Technology Society of North America (papers presented in 2003, 2004)
- ▶ inTents magazine (2003)
- ▶ Fabric Architecture (2004)

Built functional, more aesthetic and weatherproof prototypes



Field tests by BSD staff, select groups and individuals