1. **DESCRIPTION:**
   Specification for hoistway door for Ascension Shaftway wheelchair lifts (16S, 16C, & certain 5442F series lifts).

2. **INTERLOCK SPECIFICATIONS:**
   Parallel or separate contacts for door and lock. Contacts to be closed when door shut and locked.
   24VDC, 0.5A max current draw.

3. **CODE REQUIREMENTS:**
   Hoistway door to comply with all applicable codes and requirements, including ASME A18.1.
   General requirements for reference only:
   - Door must be self-closing
   - Inside of door must form smooth, unperforated surface flush with surrounding faces of enclosure/hoistway
   - Door and interlock must withstand a 125 LBF applied force
   - Door must be fire-rated (if applicable)

4. **RECOMMENDED MANUFACTURER & MODEL:**
   NIAGARA BELCO
   P/N: COM-316 (Contact NIAGARA BELCO or ASCENSION for spec drawing)
   Recommended options:
   - 36" x 80" plain slab door
   - "RH" or "LH" handing
   - 1.5 hour fire rating
   - Atlas ATLock interlock OR Honeyell CDI interlock
     - Parallel/separate contact wiring option
   - Flat checker plate sill (no lip)
   - Standard vision panel
   - Primed and ready for paint
   - Standard closer OR concealed door operator (if required)
   - Weather package (if required)

   Suggested rough opening for recommended model: 44.25" x 86.13"
   (Must fit 44" wide machine cabinet through lower landing opening for 16S & 16C installation)

   **NOTE:** Recommended model has option of concealed door operator. This option to be selected when power door operator required.