51st Annual (2018) NATIONAL DRAFTING CONTEST

Attachment 3

Residential Design Requirements

A-ARES/B-ARES

ENTRIES MUST BE AN ORIGINAL DESIGN BY THE STUDENT

Design a single level residence which meets the criteria listed below

**Style:** Traditional, open floor plan, minimum 80 percent masonry veneer exterior, 6/12 minimum roof pitch and concrete slab floor (16” frost depth)

**Special requirements:** One of the owners is disabled and the residence must utilize universal design principals and be wheelchair accessible

**Square footage:** Approximately 3000 total square feet, including the garage. Note garage is not to be heated.

**Number of bedrooms:** 3

**Number of baths:** 2

**Maximum width:** 50 feet

**Great room:**
- Approximately 250 to 300 square feet
- Wood burning masonry fireplace, gas fireplace optional
- Vaulted ceiling

**Master bedroom:**
- Approximately 225 square feet excluding closet
- Walk in closet
- Vaulted ceiling
Master bath:
- ‘His’ and ‘Her’ vanities
- Walk in/Roll in shower
- Linen storage (optional)

Bedrooms 2 and 3:
- Approximately 120 to 150 square feet including closets

Kitchen/Eating:
- Kitchen, minimum 144 square feet
- Open to eating area, approximately 120 to 144 square feet

Laundry room:
- Washer, dryer and soaking sink

Utility storage:
- Space for hot water heater, HVAC unit and miscellaneous storage

Foyer:
- 48 square feet minimum
- Provide coat closet

Attached garage:
- 576 square minimum (square footage not counted in total heated area)
- Architectural Control Committee requires that garage doors cannot face street

Optional storage space:
- Over garage for storage with stair access (square footage not counted in total heated area)