**PENNSYLVANIA SPIDER HUMP STRUCTURE**
**STANDARD DRAWING**

**PLAN VIEW**

6” HEMLOCK POSTS

SECURED WITH SPIKES

4” HEMLOCK POSTS

**SECTION VIEW**

PFBC HABITAT ENHANCEMENT STRUCTURE SIGN

LAKE SUBSTRATE

17’

2’

**PROFILE VIEW**

CENTER REQUIRE’S 3 TONS OF SANDSTONE

NORMAL WATER LEVEL

4” MINIMUM

LAKE SUBSTRATE

17’

**MATERIALS AND SUGGESTED EQUIPMENT**

**MATERIALS:**
- R4 SANDSTONE (9”-18) - 3 TONS
- HEMLOCK POSTS 6” X 8” - 4 TOTAL
- HEMLOCK POSTS 4” X 8” - 12 TOTAL
- ACQ POSTS 6” X 8” - 4 TOTAL
- SPIKES 12” - 20 TOTAL

**SUGGESTED EQUIPMENT:**
- EXCAVATOR
- SKIDSTEER OR FRONTLOADER
- GAS POWERED DRILL
- SLEDGEHAMMER

**NOTES:**
- LUMBER MUST BE TRUE DIMENSIONAL
- LUMBER MUST BE GREEN (FRESH CUT)
- YELLOW POPLAR MAY BE SUBSTITUTED FOR HEMLOCK
- LIMESTONE CAN BE SUBSTITUTE FOR SANDSTONE
- NOT TO SCALE
- ALL SIZES ARE APPROXIMATE
- FIT IN FIELD