



Ready Reference Checklist

DEDICATED PILE DRIVERS

YOU WILL NEED A DEDICATED PILE DRIVER:

- Capable of handling a 12 in. outside diameter pile 25 ft. in length

THE FOLLOWING IS REQUIRED FOR *EACH* DEDICATED PILE DRIVER:

- A cylindrical Test Weight, 12 in. diameter, no more than 28 in. tall.
- Chain sling, 10–12 ft. in length, meeting ASME and OSHA requirements, with a safety latch equipped hook sized for easy attachment to both the Test Weight and Test Pile
- Test Pile, 25 ft. long, 12 in. outside diameter, with one attachment point 4 ft. from top, and a second attachment point 12 ½ ft. from top (see diagram, page 29)
- Three empty steel drums approximately 22 in. outside diameter and 24 in. high (e.g., 55-gallon drum), open at one end
- PVC pipe, white, 1½ in. (SHD 40), sufficient to make 10 three-foot-long poles
- Two 4 ft. × 4 ft. sheets of ¾-inch CDX-grade (or better) plywood, placed under barrels and secured or weighted as necessary to prevent movement
- ¾-inch, CDX-grade (or better) plywood or high density polyethylene (HDPE)*, sufficient to create 42 pole bases, 1½ in. (±½ in.) × 12 in. × 12 in. (nominal)
- 11 tennis balls
- 50 ft. brightly colored string line (for Zigzag Corridor and Test Site layout use) **NOTE: Chalk line may NOT be used**
- Spirit level to verify levelness (minimum 2 ft. length)
- Paint (orange or red) for painting the tops of the poles and chain **NOTE: Red tape may be used for the poles**
- Paint of contrasting color for identifying the barrels, marking the test weight
- Handheld wind speed indicator (anemometer)
- Digital level
- Two 30 ft. tape measures
- Stopwatches and clipboards for Examiner(s) and Proctor(s)
- 2 inclinometers capable of easily display levels of 5 degrees or beyond

*EQUIPMENT SOURCES

NCCCO does not endorse or recommend specific vendors of any equipment, but the following source may help you find required materials and equipment:

- **HDPE bases:** House of Plastics (part number HOP01-055), 2580 S. Orange Blossom Trail, Orlando, FL 32805, 407-843-3290, plastics@hopu.com