



## Ready Reference Checklist

### ANCHOR/MICROPILE DRILL RIGS

#### YOU WILL NEED A DRILL RIG:

- Capable of handling a 2 $\frac{3}{8}$  in. API right regular pin connection drilling rod

#### THE FOLLOWING IS REQUIRED FOR *EACH* DRILL RIG:

- One empty steel drum approximately 22 in. outside diameter (e.g., 55-gallon drum), open at one end
- PVC pipe, white, 1 $\frac{1}{2}$  in. (SCH 40), sufficient to make 11 standard 36 in. poles (see page 24)
- PVC pipe, white, 1 in. (SCH 40), sufficient to make 1 non-standard 36 in. pole (see page 36)
- $\frac{3}{4}$ -inch, CDX-grade (or better) plywood or high density polyethylene (HDPE)\*, sufficient to create 13 pole bases, 1 $\frac{1}{2}$  in. ( $\pm\frac{1}{2}$  in.)  $\times$  12 in.  $\times$  12 in. (nominal)
- 13 tennis balls
- 500 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 to mark drill rod
- Handheld wind speed indicator (anemometer)
- Digital level
- Two 100 ft. tape measures
- Stopwatches and clipboards for Examiner(s) and Proctor(s)

#### \*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](mailto:plastics@hopu.com)