



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. diameter, 34 in. tall (e.g., 55-gallon drums cut to proper height), 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 1-inch high density polyethylene (HDPE)*, sufficient to create 13 pole bases, 12 in. \times 12 in. (nominal); must weigh 5 lb. \pm 10%
- 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