

## POLYLOK TRENCH DRAIN PL-90860 H-20 INSTALLATION INSTRUCTIONS

1. Determine location & length of required trench drain.  
Also determine drain outlet location.
2. Layout & excavate for trench drain. Allowing for a minimum of 6" on all sides and 6" on the bottom (17.5" wide X 11 3/4" deep). (see diagram 2)
3. Determine which style of outlet is to be used, end outlet or bottom outlet.  
Excavate for drain outlet pipe.
4. If bottom outlet is to be used, use a 3 1/2" hole saw to cut outlet opening.  
If end outlet is used no cutting is necessary. (see diagram 3)
5. Install end cap and or outlet cap on determined ends. Assemble all required sections together at grade level. Make sure all grates are screwed in place.  
Attach outlet pipe to trench drain.
6. Using duct tape, cover all grate openings. Carefully place assembled trench drain into bottom of trench.
7. Using some temporary supports, bring drain up to within app. 1" of grade.  
Center trench drain in trench.
8. Using # 4 rebar, drive in 4 pcs. of vertical rebar through holes on trench drain at each corner per section. Make sure rebar is driven in deep enough to provide a firm footing and to prevent floating once the concrete is poured.
9. Raise trench drain so that top of drain is even with finish grade. Wire tie trench drain to rebar at the 4 corners of each section. Be sure to wire tie above and below at each corner hole position. Check drain elevation frequently while tying. (see diagram 5)
10. Wire tie #3 rebar loops to #4 vertical rebars (see diagram 5)
11. Wire tie #4 horizontal rebars to # 3 rebar loops at all intersections.  
(see diagrams 2 & 5)
12. Wire tie remaining #3 rebar loops to #4 horizontal rebars. Space evenly in between already tied #3 rebar loops at all intersections. (see diagram 1)
13. Cross tie #4 vertical rebars at all drain joints. (see diagram 4)
14. Check that trench drain is still at proper elevation. Also check that drain outlet pipe is secured to trench drain and that it has the required pitch.
15. Using a 5,000 psi air entrained concrete mix, pour concrete using proper vibration and consolidation practices.
16. Trowel finish flush with top of trench drain and even with grade. Edger tool may be used if desired.
17. After concrete begins to set, remove all duct tape from grates promptly.