GENERAL NOTES:
1. Breakaway posts are required with the FLEAT.
2. All bolts, nuts, cable assemblies, cable anchors and bearing plates shall be galvanized.
3. The soil tubes shall not protrude more than 4" above ground (measured along a 5' cord). Site grading may be necessary to meet this requirement.
4. The soil tubes may be driven with an approved driving head. Soil tubes should not be driven with the post in the tube. If the tubes are placed in drilled holes, the backfill material must be satisfactorily compacted to prevent settlement.
5. When rock is encountered during excavation, a 12 Dia. post hole, 20' into the rock may be required if approved by the engineer. Granular material will be placed in the bottom of the hole approx. 2.5" deep to provide drainage. The soil tubes will be field cut to length, placed in the hole and backfilled with adequately compacted material excavated from the hole.
6. The breakaway cable assembly must be taut. A locking device, (vice-clips or channel-lock plungers) should be used to prevent the cable from twisting when tightening nuts.
7. The wood blockouts should be "tie-nailed" to the wood posts to prevent them from turning when the wood shrinks.
8. Guardrail splice shall be lapped in the direction of adjacent traffic.

**LEAVEOUT DETAIL**

For posts 3 through 7, leaveout in the asphaltic concrete pavement, as shown in Section B-B and LEAVEOUT DETAIL, around guardrail posts shall be provided where the asphalt thickness exceeds 1.5" nominal (2" max) and where the asphalt extends more than 18" behind the posts. If the FLEAT is installed in concrete, leaveouts shall be provided as shown for the depth of the concrete. The leaveouts shall be used at the post locations indicated and the leaveout material shall consist of a 1-rock granit mix or other non-cohesive material as approved by the state.