

SECTION 9
ROOTING

0901. A heavy rooter towed by a Size I tractor with CCU and driven by an experienced operator will break up concrete surfacing up to 12 ins thick into fragments of 2 to 6 sqft up ended and mixed with subsoil. The tougher the concrete the larger the fragments and the greater the problem of reinstatement becomes. Steel reinforcement slows down, but does not necessarily defeat, the process.

0902. Macadam with or without soling is converted into 2 ft depth of mixed soil and road material which can easily be compacted again.

0903. The average output of one rooter (3 times), a Size 1 tractor and 2 operators is:

a. Concrete (up to 12 ins thick), 2,400 sq yds in 6 hrs net, 8 hrs gross, or a rooted path $2\frac{1}{2}$ yds wide at the rate of 160 yds per working hour.

b. Other surfaces, 19,000 sq yds in 6 hrs net, 8 hrs gross or a rooted path $2\frac{1}{2}$ yds wide at the rate of 660 yds per working hour.

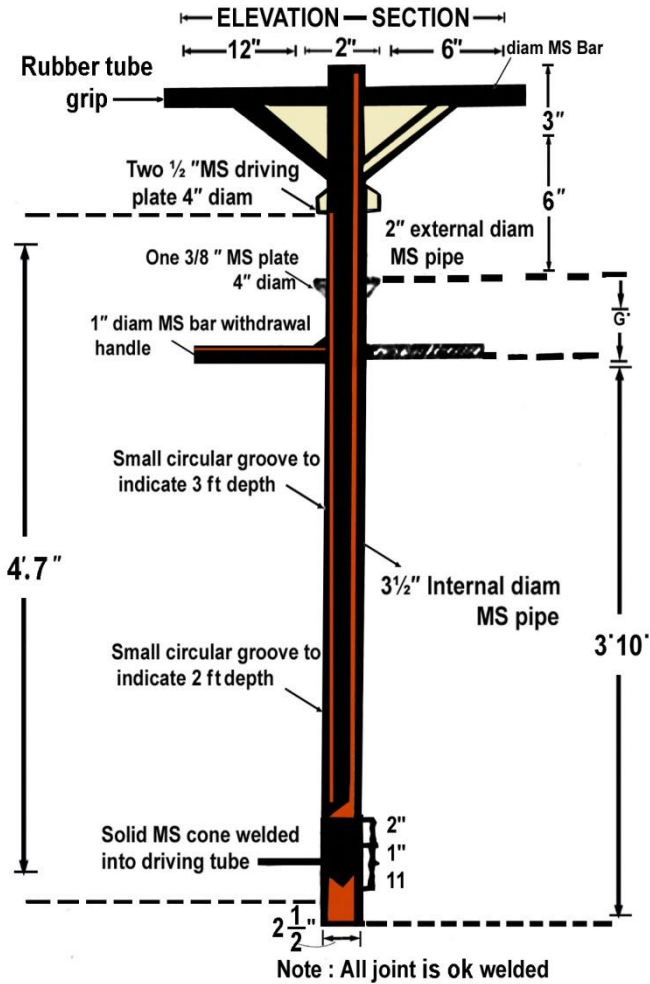


Figure 9-1: Improved dibber