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Proof. The domains $\tilde{\Omega}_n = \{Z \in R^{N+1}; \text{ dist}(Z, \Omega) < \frac{1}{2}(d_n + d_{n+1})\}$ fulfil (4,4) (i)—(iii); it is now sufficient to construct smooth approximations of these domains with the help of the previous lemmas of this section.

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