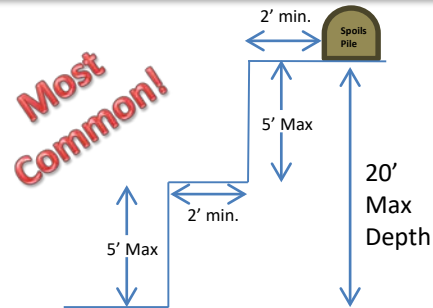


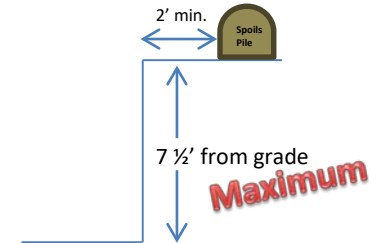
Residential Excavation Safety "Cheat Sheet"

This "Cheat Sheet" is for Residential Foundation Excavations only. This is based on an OSHA Memo dated June 30, 1995. This allows the diagrams shown to the right to be used for residential foundation excavations. If those cannot be attained, the 3 options below can be used as detailed in CFR 1926 Subpart P. These are not the only options, just the most common. Refer to Subpart P for more info.

"Stanley Memo" 'A' or 'B' Soil Type over 7 1/2' from Grade (Benching)

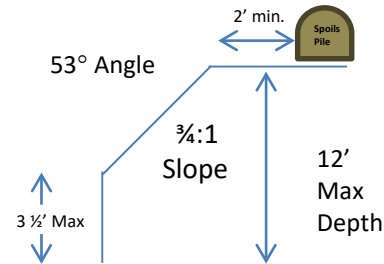


"Stanley Memo" Residential Foundation Excavation Only

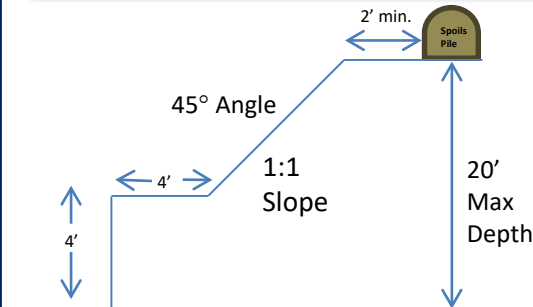


-only 'A' or 'B' Type Soil
-No Fissures / Cracks & No Moisture

'A' Soil Type—over 7 1/2' from Grade (Sloping)

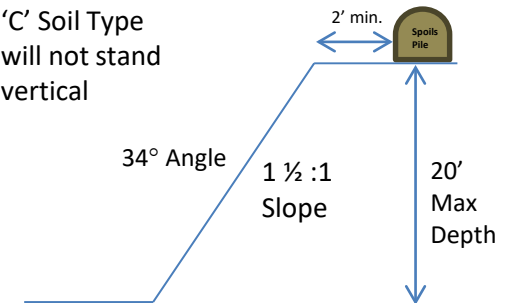


'B' Soil Type—over 7 1/2' from Grade (Single Bench/Slope)



'C' Soil Type

'C' Soil Type will not stand vertical



Excavations 20' deep and greater:

Cave-In Protection must be designed by a Registered Professional Engineer.

Other Types of Cave-In Protection:

- Timber Shoring*
- Shot-Crete*
- Shoring Piers(Caisson) *
- Sheet Pile Shoring*

*All must be engineered systems

If you are unsure, call for help: SFI Compliance, Inc.

Toll Free: 800-727-5051
Colorado: 303-649-1304
Texas: 214-646-1496
Washington DC: 202-417-3923

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