

IM-93-7

July 13, 1993

Jack Nelson
Associated General Contractors
9450 SW Commerce Circle
Wilsonville, OR 97070

Dear Mr. Nelson:

We have reviewed your final document "Alternate Sheeting for Shallow Trench Excavations" prepared for you by Bill B. Zubeck and W.L. Schroeder of the Civil Engineering Department of Oregon State University. As we discussed in the meetings to initiate this project, the excavation standard at 1926-652 provides, as one option for the protective system in an excavation, that they be based on designs using other tabulated data. The option for the use of other tabulated data must include in written form the identification of the parameters that affect the selection of the system, the limits of the use of the data, and an adequate explanation for the user of the data as to how to select the elements of the system.

The design tables in this document are considered acceptable by Oregon OSHA to satisfy the requirements for other tabulated data when used to design a system where steel plate and steel or aluminum sheet pile are used for uprights in lieu of timber and for use with aluminum hydraulic shoring. It is limited to use in excavations less than 20 feet deep and when the user is following all of the other limitations and specifications detailed in the tables and accompanying documentation. When these tables are being relied upon to design a protective system under option 3 of 1926.652, a copy of the tabulated data must be on the jobsite during construction of the protective system.

We appreciate your efforts to develop this information and make it available to the construction community. If you have any questions please feel free to call me at 378-3272.

Sincerely,

Marilyn K. Schuster, Manager
Standards and Technical Resources Section
Oregon Occupational Safety & Health Division
378-3272

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