

**TRENCH SHORE RENTALS**  
A Division of Woudenberg Industries

3020 S. 19th Ave. Phoenix AZ 85009  
Phone: (602)-253-3311

**TRENCH SHIELD  
CERTIFICATION**

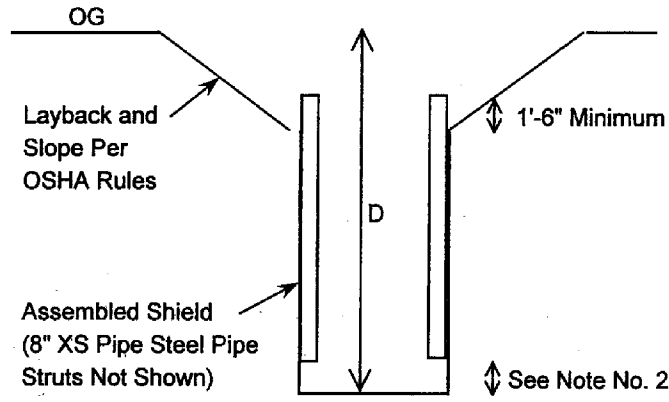
**MODEL**

**10' high x 8' long x 4" Wall**

**SERIAL #**

**108DW401**

**REFERENCE TO OCCUPATIONAL SAFETY AND HEALTH RULES  
AND REGULATIONS, VOL. 54, NO. 209, SUBPART P**

| SHIELD SIZE   |                  | PSF RATING  | MAXIMUM ALLOWABLE DEPTH ( D ) OF EXCAVATION IN<br>SOIL TYPE TO BE EXCAVATED (FEET)   |  |  |
|---|------------------|---|--|--|--|
| HEIGHT<br>(FEET)  | LENGTH<br>(FEET) | MAXIMUM LATERAL<br>EARTH PRESSURE<br>'@ TRENCH BASE<br>IN PSF | TYPE A<br>Stiff, Cohesive Soil<br>25 PSF per<br>foot of depth  | TYPE B<br>Medium Cohesive Soil<br>45 PSF per<br>foot of depth  | TYPE C<br>Soft Cohesive Soil<br>60 PSF per<br>foot of depth  |
| <b>10</b>   | <b>8</b>         | <b>1417</b>   | <b>53.8</b>  | <b>29.9</b>  | <b>22.4</b>  |
| <b>LIMITATIONS IN USE TABLE</b><br><br>1. Trench shield to be assembled and installed in accordance with Manufacture's instructions.<br><br>2. Excavation 2 feet below bottom of shield is permitted when no loss of soil from behind or below shield occurs.<br><br>3. Shields may be stacked with no reduction of PSF rating.<br><br>4. Excavation depths are based on types of soil. Verify soil type prior to shield use.<br><br>5. All modifications and/or alterations must be approved in writing by a Registered Engineer.<br><br>6. Depth certifications are based on soil load duration not exceeding 24 hours. |                  |   | <b>DESCRIPTION</b><br>Clay, silty clay, sandy clay, clay loam<br>Unconfined compressive strength of 1.5 tps or greater                         | <b>DESCRIPTION</b><br>Clay, cohesionless gravel, sands and silt<br>Unconfined compressive strength of 0.5 tps to 1.5 tps | <b>DESCRIPTION</b><br>Clay, submerged gravel, sands and silt<br>Unconfined compressive strength of less than 0.5 tps |
|   |                  |   |  <p style="text-align: center;"><b>TYP EXC SECTION</b></p> |  |  |



**CERTIFIED BY:**  
EGW ENGINEERING, P. C.  
4220 E. San Remo Avenue  
Higley, Arizona 85236

**FOR:**  
Trench Shore Rentals

**USE THIS PRODUCT ONLY IN ACCORDANCE WITH ALL  
APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS**

**Caution:** Any use of this product not described on this certificate could cause collapse resulting in serious injury or death.