

**SAFETY NOTE**

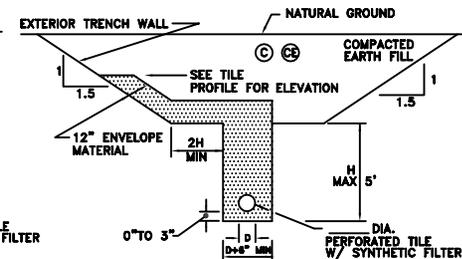
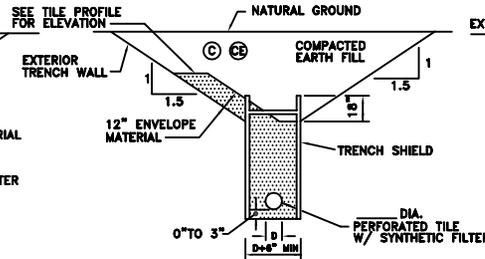
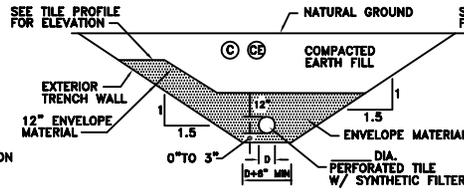
TRENCHES GREATER THAN 5 FEET IN DEPTH SHALL MEET SAFETY STANDARDS AS SHOWN IN THE TILE TRENCH ALTERNATIVES IF PERSONNEL MUST ENTER THE TRENCH.

**MATERIAL NOTES**

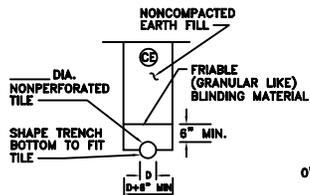
1. THE CORRUGATED THERMOPLASTIC TUBING (TILE) SHALL BE HEAVY DUTY.
2. THE ENVELOPE MATERIAL SHALL CONFORM TO CONSTRUCTION SPECIFICATION MN-250 SECTION 7.

**CONSTRUCTION NOTES**

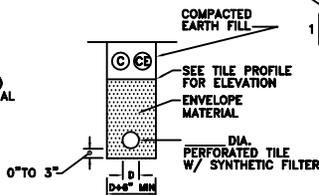
1. THE ENVELOPE MATERIAL SHALL BE COMPACTED BY PLACING THE MATERIAL IN 12 INCH LIFTS, THEN, UNIFORMLY SATURATING EACH LIFT.
2. THE UPPER END OF EACH TILE LINE SHALL BE CAPPED WITH A MANUFACTURED THERMOPLASTIC CAP.
3. THE TUBING SHALL BE INSERTED INTO THE CORRUGATED METAL PIPE OUTLET SECTION A MINIMUM OF 2 FEET AND THE JOINT SHALL BE MORTARED TO FORM A WATERTIGHT SEAL UNLESS A FACTORY TYPE FITTING IS USED TO JOIN THE TILE AND PIPE.



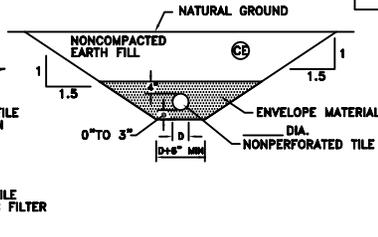
5 FT. < DEPTH OF FILL OVER TILE < 20 FT.  
**POND TILE TRENCH ALTERNATIVES**  
(NOT TO SCALE)



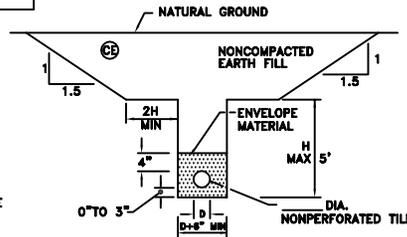
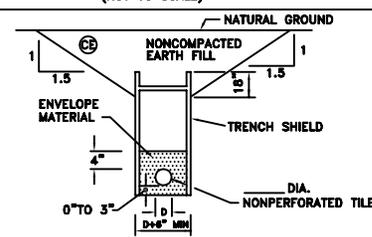
EXCAVATION DEPTH < 5 FT.  
**OUTLET TILE TRENCH**  
(NOT TO SCALE)



EXCAVATION DEPTH < 5 FT.  
**POND TILE TRENCH**  
(NOT TO SCALE)



5 FT. < EXCAVATION DEPTH < 20 FT.  
**OUTLET TILE TRENCH ALTERNATIVES**  
(NOT TO SCALE)



DESIGNED: \_\_\_\_\_  
DRAWN: \_\_\_\_\_  
CHECKED: \_\_\_\_\_  
APPROVED: \_\_\_\_\_

**WASTE MANAGEMENT SYSTEM  
TILE TRENCH ALTERNATIVES**



File No. MN608.dwg  
Drawing No. MN-ENG-608  
5/02

REV	REVISIONS	DATE

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