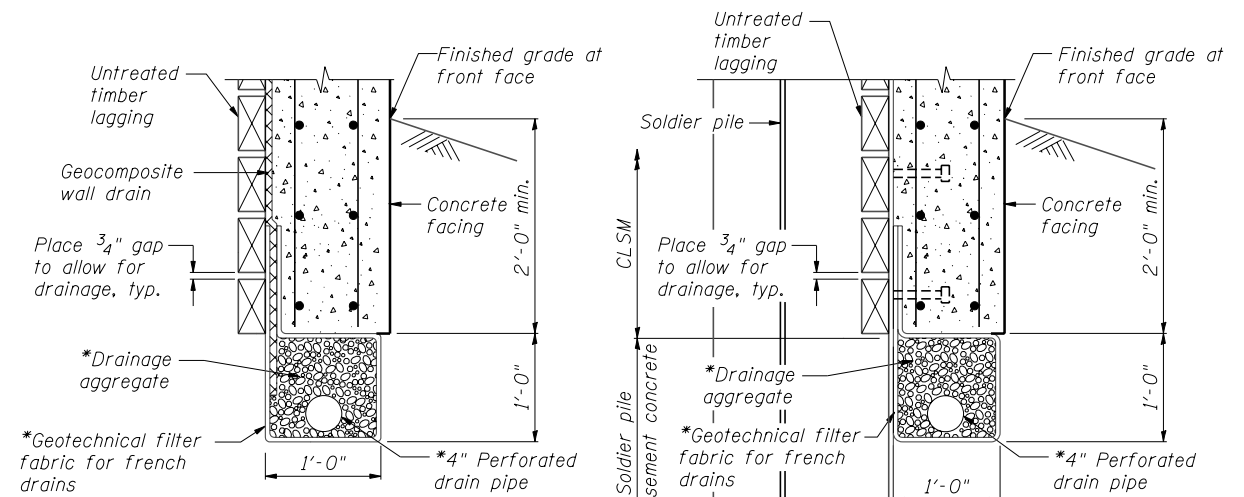


**SECTION THRU DRILLED SOLDIER PILE WALL**



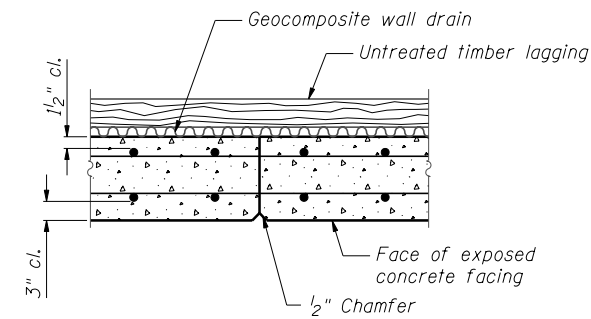
**BETWEEN SOLDIER PILES**

**AT SOLDIER PILES**

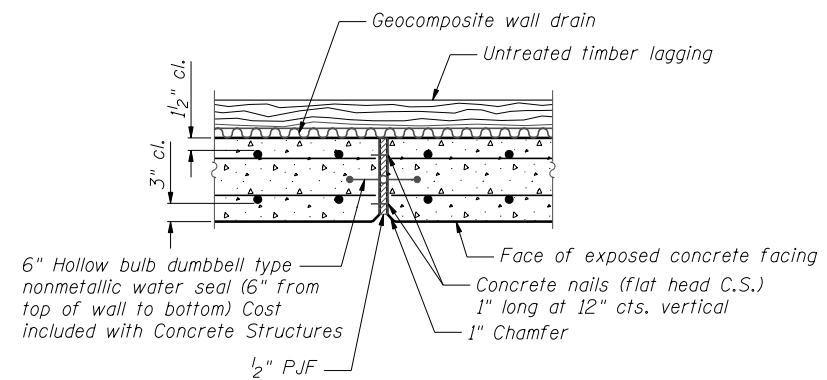
**PIPE UNDERDRAIN DETAIL**

\*Included in the cost of "Pipe Underdrains for Structures, 4"

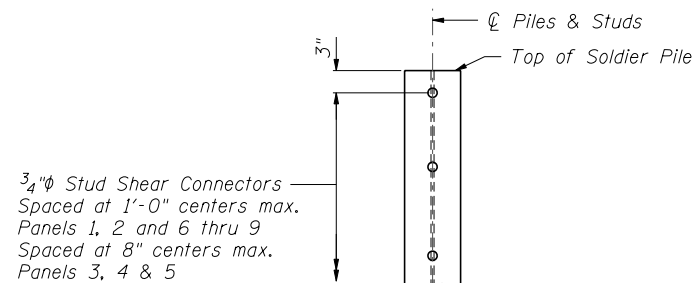
For pipe underdrain outlets, see Civil Plans.



**CONSTRUCTION JOINT DETAIL**



**EXPANSION JOINT DETAIL**



**DETAIL OF SHEAR STUD PLACEMENT**

**DETAILS  
SN 022-W052**

FILE NAME = ...EGP42-WB52-006-Details.dgn



Zroka Engineering, P.C.  
4216 North Hermitage  
Chicago, IL 60613

USER NAME = SAW	DESIGNED - LAS	REVISED -
	CHECKED - DAZ	REVISED -
PLOT SCALE = 5.00' / IN.	DRAWN - SAW	REVISED -
PLOT DATE = 5/4/2012	CHECKED - LAS	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAILS  
STA. 4017+22.00 TO STA. 4023+28.14 SN 022-W052**

SHEET NO. SE-6 OF SE-14 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	2011-036-1	DUPAGE	234	116
CONTRACT NO. 60P42				

ILLINOIS FED. AID PROJECT