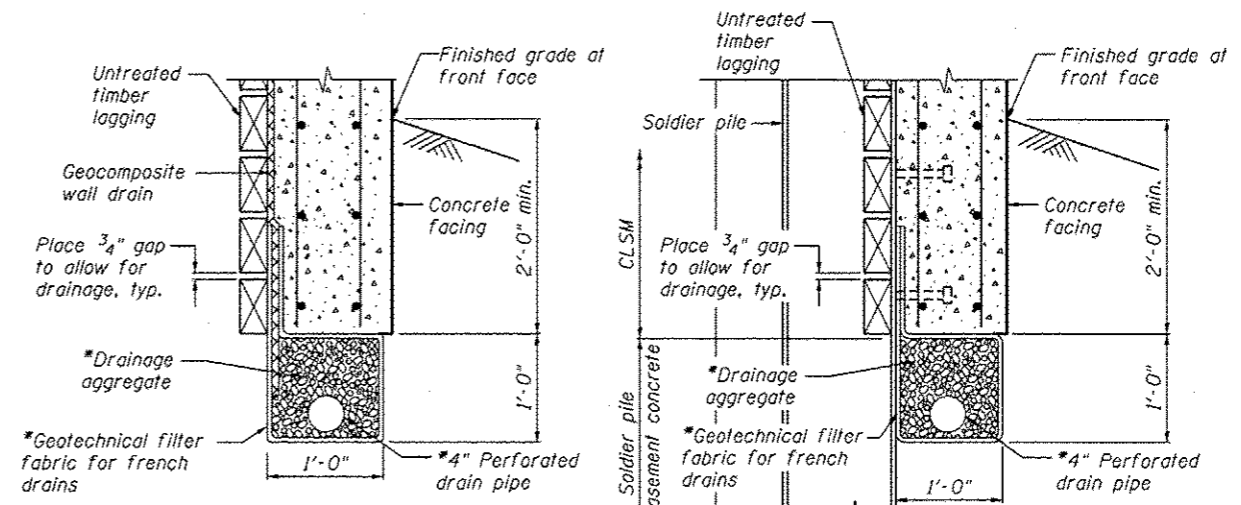


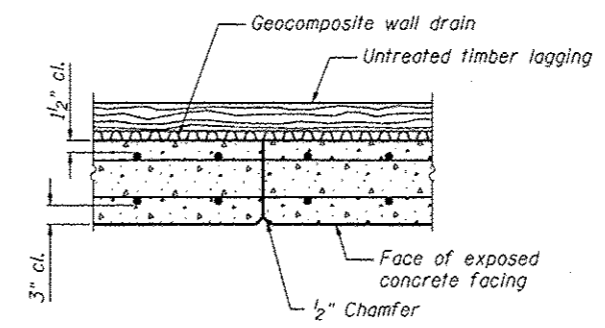
SECTION THRU DRILLED SOLDIER PILE WALL



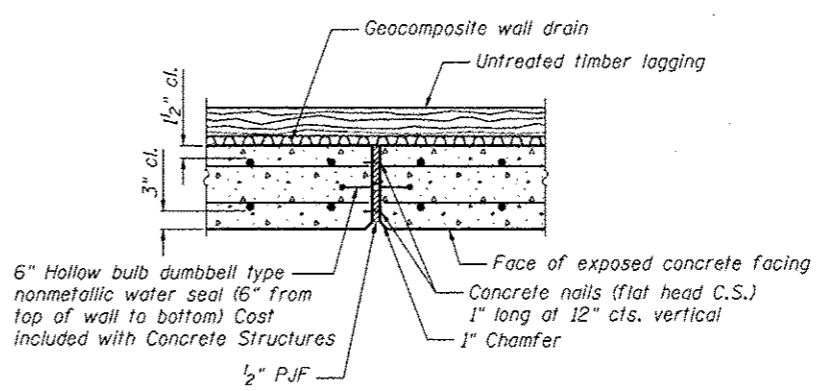
BETWEEN SOLDIER PILES **AT SOLDIER PILES**

PIPE UNDERDRAIN DETAIL

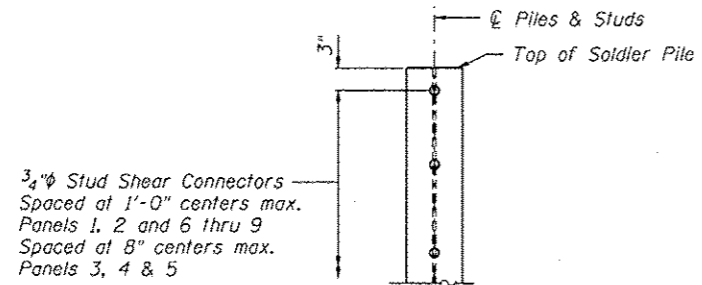
*Included in the cost of "Pipe Underdrains for Structures, 4\"/>



CONSTRUCTION JOINT DETAIL



EXPANSION JOINT DETAIL



DETAIL OF SHEAR STUD PLACEMENT

DETAILS
SN 022-W052

FILE NAME: ...1682-2-252-286-Detail.dgn



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

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