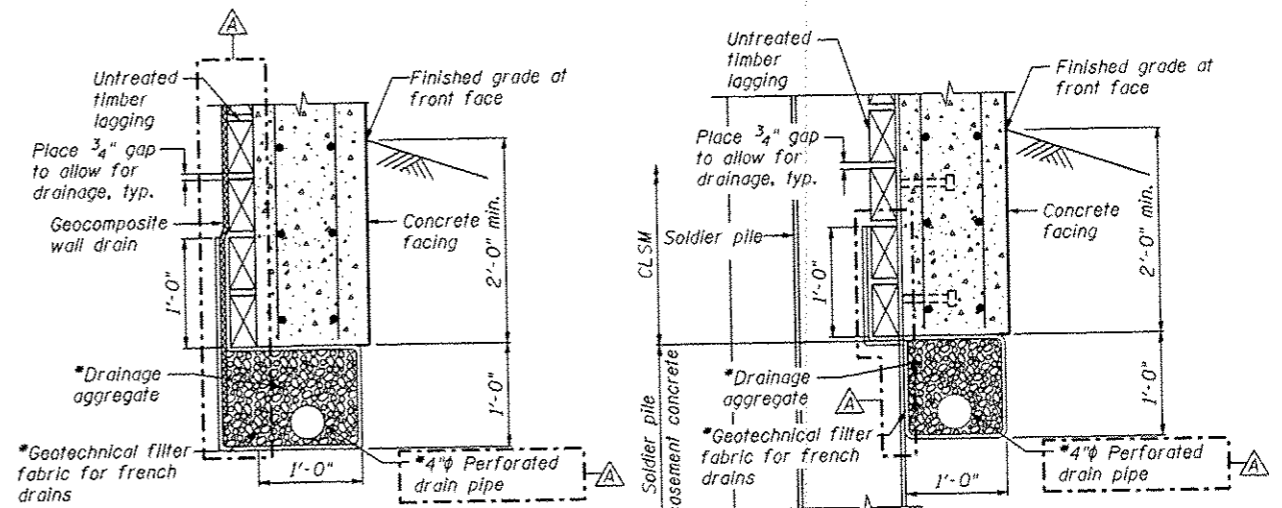


SECTION THRU DRILLED SOLDIER PILE WALL

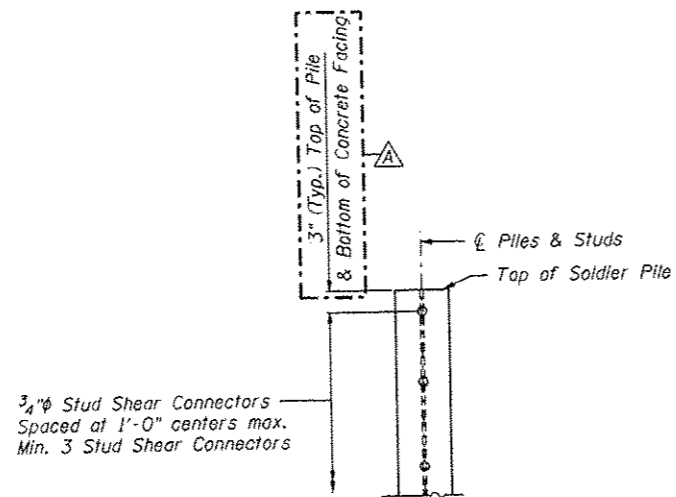


BETWEEN SOLDIER PILES

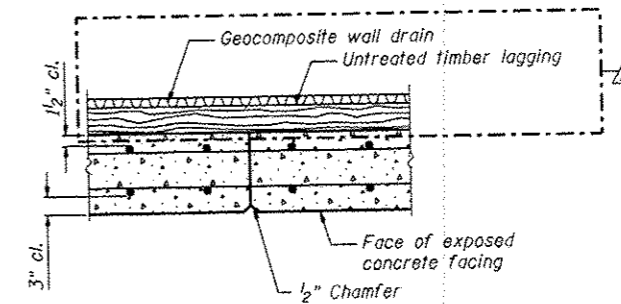
AT SOLDIER PILES

PIPE UNDERDRAIN DETAIL

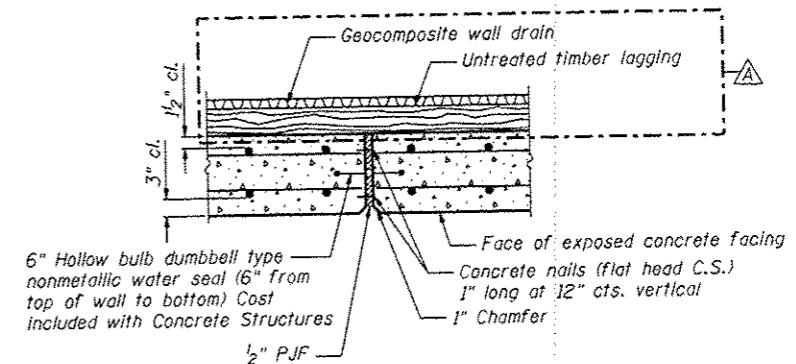
*Included in the cost of "Pipe Underdrains for Structures"



DETAIL OF SHEAR STUD PLACEMENT



CONSTRUCTION JOINT DETAIL



EXPANSION JOINT DETAIL

FILE NAME: \\168131-8065-806-Civil-14.dgn



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

USER NAME - SAW	DESIGNED - LAS	REVISED 12/17/2012 L.A.S.
PLOT SCALE - 5/8" = 1' IN.	CHECKED - DAZ	REVISED
PLOT DATE - 12/12/2012	DRAWN - SAW	REVISED
	CHECKED - JLA	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS
STRUCTURE NUMBER 022-W066

SHEET NO. SE-5 OF SE-11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-5	DUPAGE	963	677
				CONTRACT NO. 60131

ILLINOIS FED. AID PROJECT