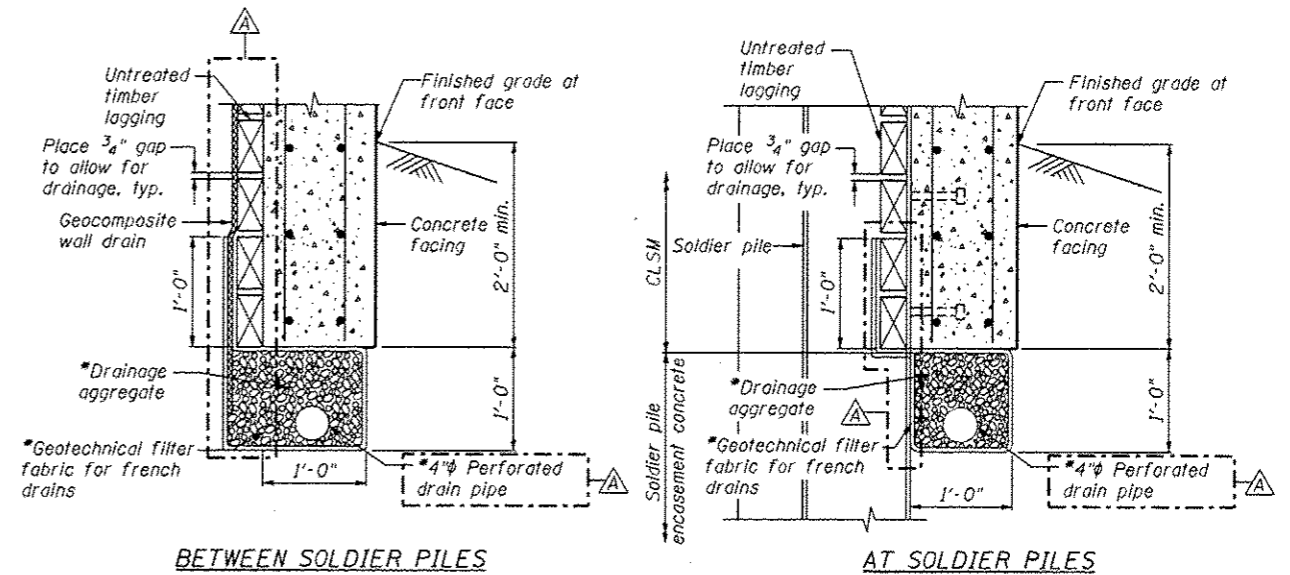
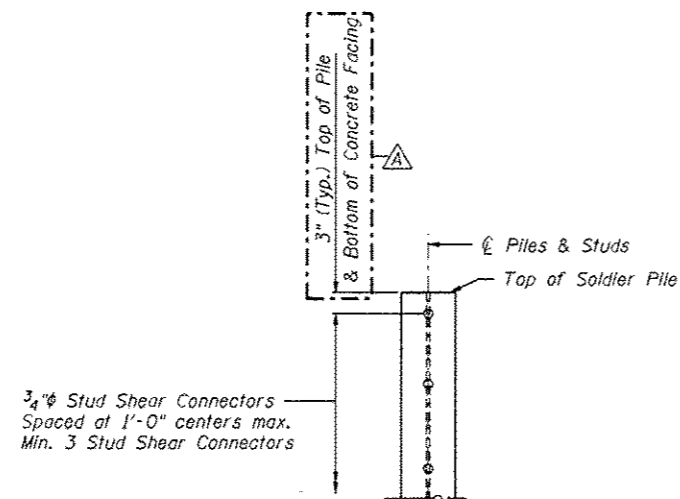


SECTION THRU DRILLED SOLDIER PILE WALL

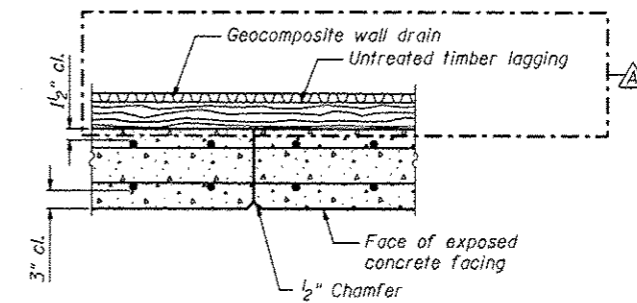


PIPE UNDERDRAIN DETAIL

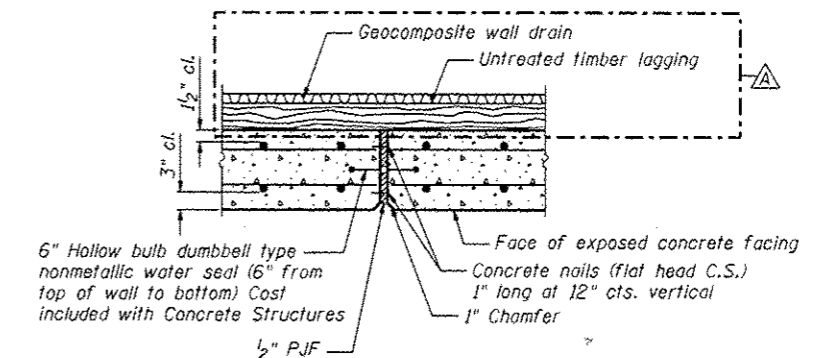
*Included in the cost of "Pipe Underdrains for Structures"



DETAIL OF SHEAR STUD PLACEMENT



CONSTRUCTION JOINT DETAIL



EXPANSION JOINT DETAIL

FILE NAME: \168131-W065-005-Details.dwg

ZROKA engineering
Zroka Engineering, P.C.
4216 North Horanage
Chicago, IL 60613

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS
STRUCTURE NUMBER 022-W065

SHEET NO. SD-5 OF SE-11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338/IL 59	(112 & 113) WRS-5	DUPAGE	963	666
CONTRACT NO. 60131			[ILLINOIS] FED. AID PROJ.ECT	