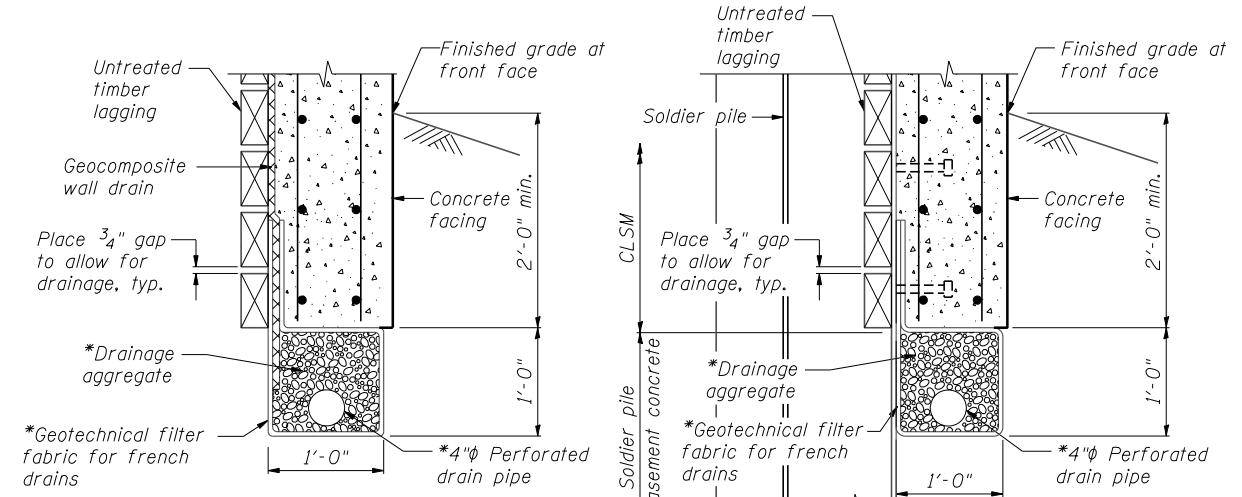


SECTION THRU DRILLED SOLDIER PILE WALL

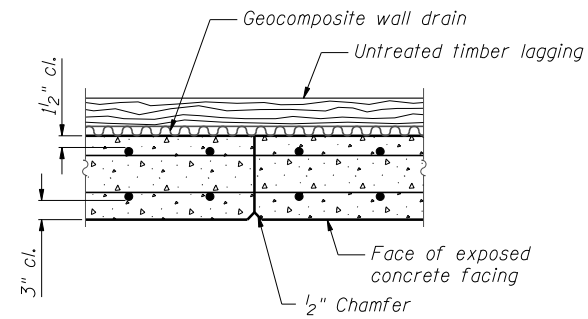


BETWEEN SOLDIER PILES

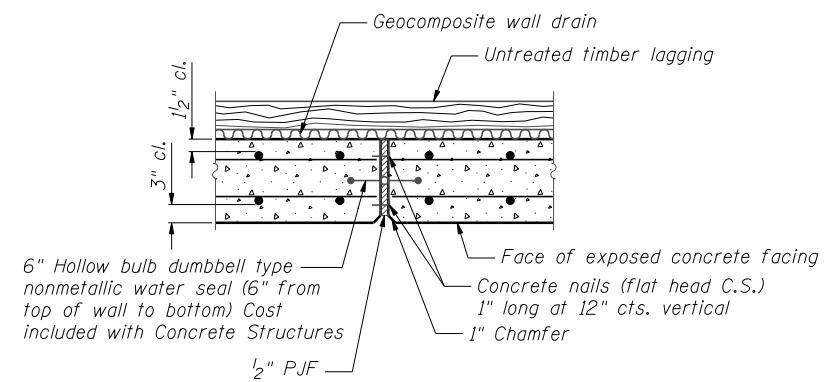
AT SOLDIER PILES

PIPE UNDERDRAIN DETAIL

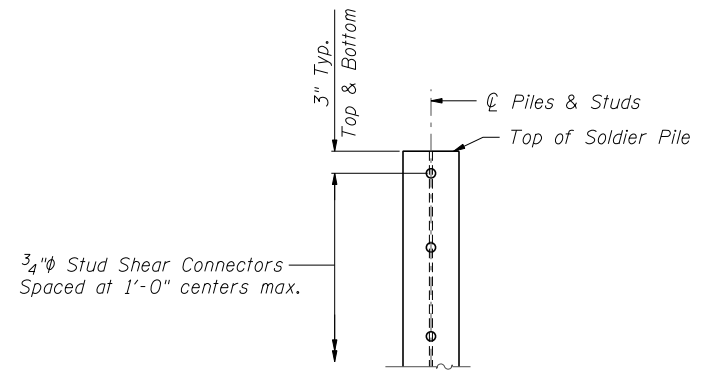
*Included in the cost of "Pipe Underdrains for Structures, 4"
For pipe underdrain outlets, see Drainage Plans.



CONSTRUCTION JOINT DETAIL



EXPANSION JOINT DETAIL



DETAIL OF SHEAR STUD PLACEMENT

FILE NAME = ...GPR30-W047-006-Details.dgn

DESIGNED - LAS	REVISED -
CHECKED - DAZ	REVISED -
DRAWN - SAW	REVISED -
CHECKED - LAS	REVISED -

SCALE - NONE
DATE - 12/14/2012

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	(112 & 113) WRS-7	DUPAGE	1156	852
			CONTRACT NO. 60R30	

ILLINOIS FED. AID PROJECT