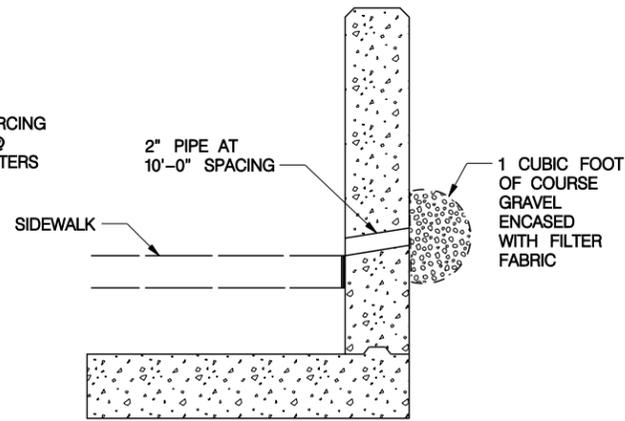


WALL DETAIL



SECTION AT WEEP HOLE

WALL HEIGHT H	BASE LENGTH B	BAR SIZE	CONCRETE CUBIC YARDS	REINFORCING STEEL POUNDS	ADDITIONAL CONCRETE			DAMP PROOFING SQUARE YARDS
					ONE WALL CORNER	ONE WALL CORNER	1-ENTRANCE CORNER	
1'-0"	2'-0"	NO 3	0.107	3.38	0.53	55	11	---
1'-6"	2'-0"	NO 3	0.119	3.95	0.58	58	12	---
2'-0"	2'-0"	NO 3	0.132	4.14	0.64	66	16	---
2'-6"	2'-6"	NO 3	0.156	4.89	0.79	72	17	0.43
3'-0"	2'-6"	NO 3	0.169	5.08	0.84	81	21	0.48
3'-6"	3'-0"	NO 4	0.193	10.4	1.01	88	22	0.54
3'-11"	4'-0"	NO 4	0.230	12.0	1.33	107	26	0.59

NOTE:

ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4".

MINIMUM COVERING, MEASURED FROM THE FACE OF THE CONCRETE TO THE SURFACE OF ANY REINFORCING BAR SHALL BE 3".

EXPANSION JOINT SHALL BE PLACED IN RETAINING WALLS AT NOT MORE THAN 50'-0" INTERVALS OR AT LOCATIONS TO BE DETERMINED BY THE ENGINEER, AND AT 4'-0" FROM WALL CORNERS AND ENTRANCE CORNERS FOR TYPE 'C' WALLS. LONGITUDINAL BARS SHALL BE CUT AT EXPANSION JOINTS.

DUMMY JOINTS SHALL BE PLACED IN THE FACE OF WALLS AT LOCATIONS TO BE DETERMINED BY THE ENGINEER.

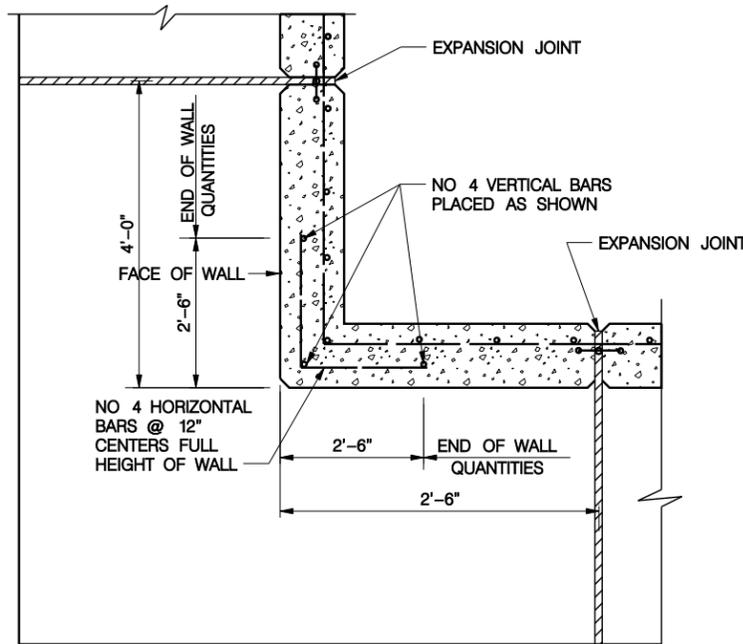
A CONTROL JOINT SHALL BE PLACED MIDWAY BETWEEN EXPANSION JOINTS OR MIDWAY BETWEEN EXPANSION JOINT AND THE END OF THE RETAINING WALL, EXCEPT CONTROL JOINTS WHERE EXPANSION JOINT AND THE END OF THE RETAINING WALL IS 30'-0" OR LESS. FIELD CUT ALTERNATE LONGITUDINAL BARS AT CONTROL JOINTS. TOP LONGITUDINAL BARS IS TO BE CONTINUOUS THROUGH CONTROL JOINT.

THE BACK FACE OF ALL RETAINING WALLS OVER TWO FEET HIGH SHALL BE DAMP PROOFED ABOVE THE TOP OF THE FOOTING.

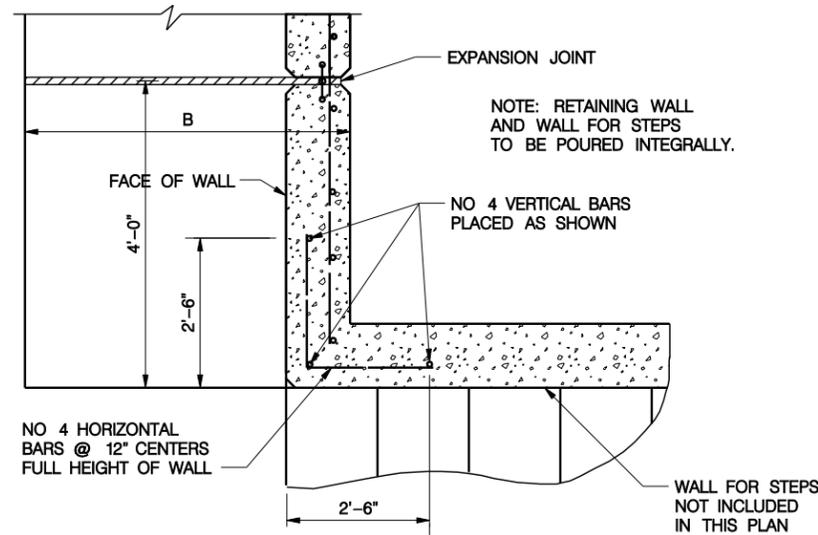
WEENP HOLES SHALL BE PLACED AT 10'-0" CENTERS IN ALL RETAINING WALL. ALL EXPOSED FACES OF RETAINING WALLS SHALL BE BUILT WITH FORMS TO SIMULATE A BRICK FACE.

ALL REINFORCING STEEL SHALL BE EPOXY COATED.

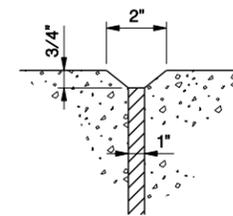
ALL CONCRETE SHALL BE L3500



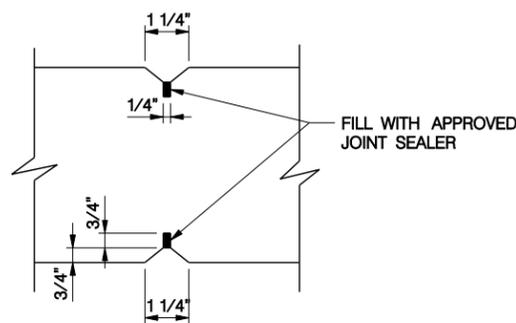
DETAIL OF WALL CORNER



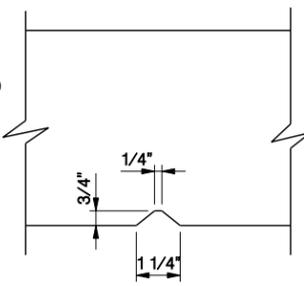
DETAIL OF ENTRANCE CORNER



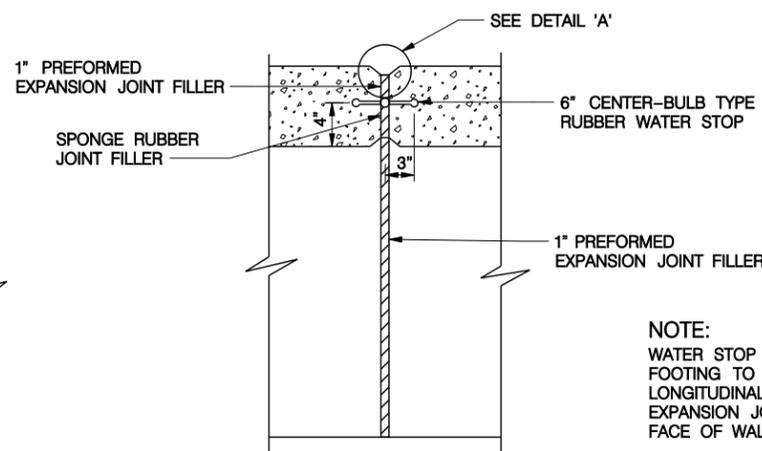
DETAIL 'A'



DETAIL OF CONTROL JOINT



DETAIL OF DUMMY JOINT



DETAIL OF EXPANSION JOINT

NOTE:

WATER STOP TO EXTEND FROM BOTTOM OF FOOTING TO 3" BELOW TOP WALL. ALL LONGITUDINAL STEEL SHALL BE CUT AT EXPANSION JOINTS. GROVE FRONT AND BACK FACE OF WALL.



EFFECTIVE JULY 1, 2011
REINFORCED CONCRETE RETAINING WALL TYPE 'C'
L.S.P. 611