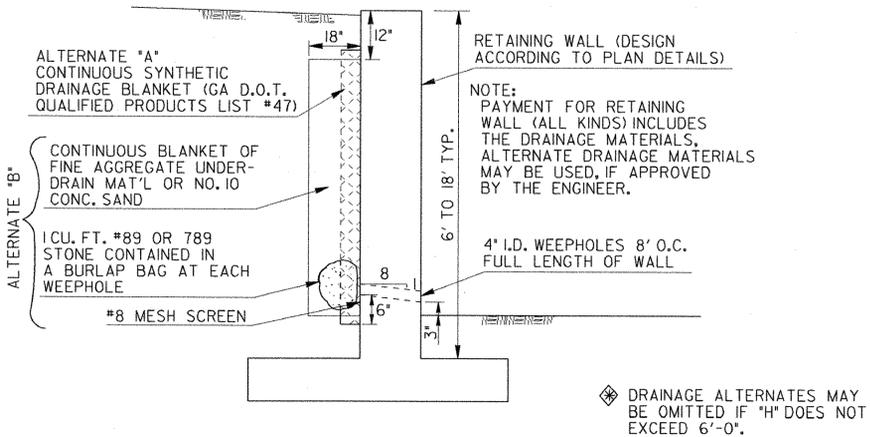
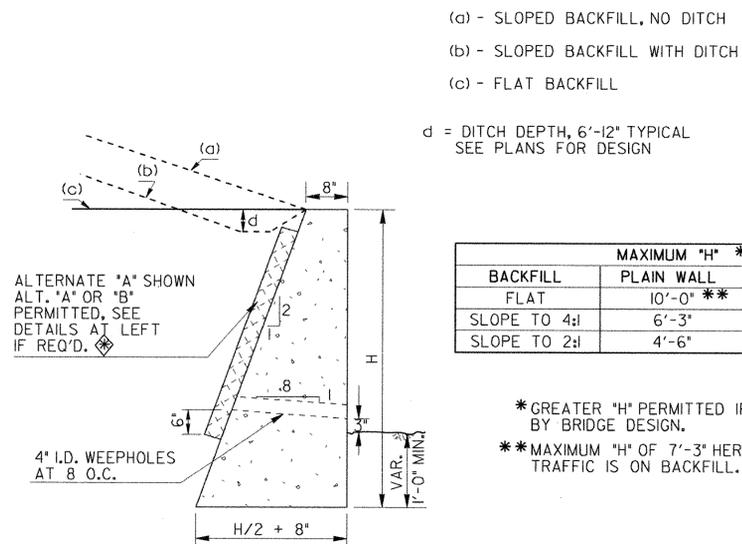


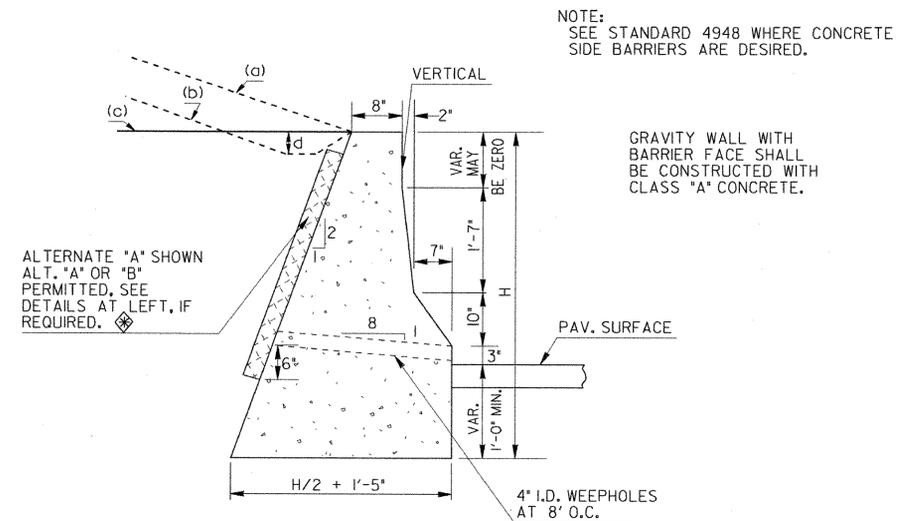
DETAILS OF RETAINING WALL TYPICAL SECTIONS



STANDARD DRAINAGE FOR RETAINING WALLS
(FOR HEIGHTS FROM 6 FT. TO 18 FT. - SPECIAL DESIGN DRAINAGE REQUIRED FOR RETAINING WALLS OVER 18 FT. IN HEIGHT.)

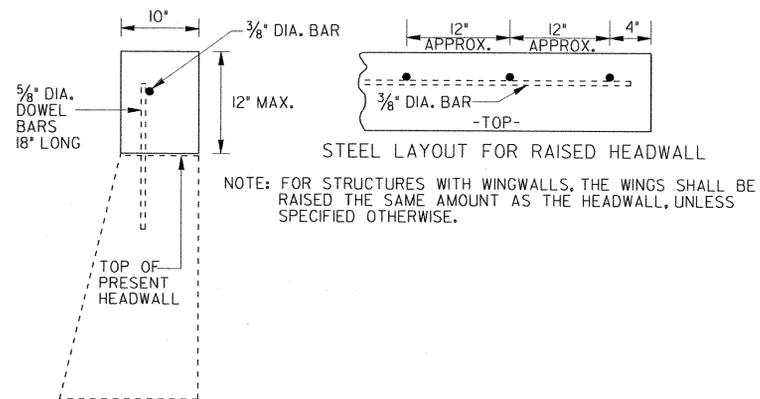


TYPICAL SECTION FOR GRAVITY TYPE WALL
MATERIALS: CLASS "B" CONC. OR MORTAR RUBBLE MASONRY.



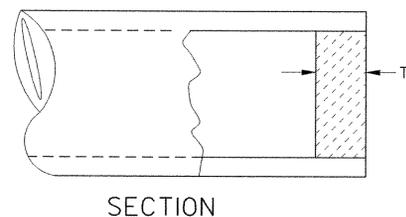
TYPICAL SECTION FOR GRAVITY WALL WITH BARRIER FACE

DETAIL FOR RAISING HEADWALL



NOTE: FOR STRUCTURES WITH WINGWALLS, THE WINGS SHALL BE RAISED THE SAME AMOUNT AS THE HEADWALL, UNLESS SPECIFIED OTHERWISE.

TYPICAL PIPE PLUG



NOTE: PLAN PAY QUANTITIES ARE TO REFLECT PIPE PLUGS AS CU. YDS. OF CL. A OR CL. B CONCRETE. ON CONSTRUCTION PLUGS MAY BE BUILT WITH BRICK MASONRY, MORTAR RUBBLE MASONRY, CL. A CONC., OR CL. B CONC. WITH NO ADJUSTMENT IN PAYMENT MADE FOR ALTERNATES.

D	T (MIN)	PIPE PLUG (CU. YDS.)
12"	8"	0.0194
15"	8"	0.0303
18"	8"	0.0436
24"	8"	0.0776
30"	8"	0.1212
36"	8"	0.1745
42"	8"	0.2376
48"	8"	0.3103
54"	12"	0.5890
60"	12"	0.7272
66"	12"	0.8799
72"	12"	1.0472

6-30-98	4-30-84	2-15-83	DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REDRAWN	ADD PIPE PLUG DETAILS	RET. WALL "H" TABLE ADDED	REVISION	STANDARD RETAINING WALL TYPICAL SECTIONS, RAISING HEADWALL, AND TYPICAL PIPE PLUG.	
G.J.P.	R.M.L.J.	R.M.L.J.	BY		
NO SCALE:			REV. & REDR. DECEMBER, 1982	NUMBER 9031L	
G.J.P. (SUBMITTED)			REV. & R.M.L.J. (APPROVED)	STATE ROAD & AIRPORT DESIGN ENGR.	
TRA. G.M.E.			CHK. R.K.C.	STATE HIGHWAY ENGINEER	
				SHEET 1 OF 2	