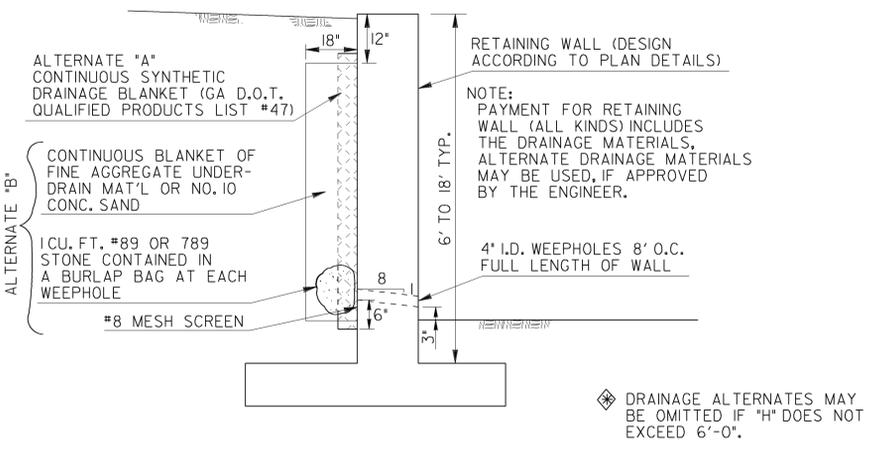


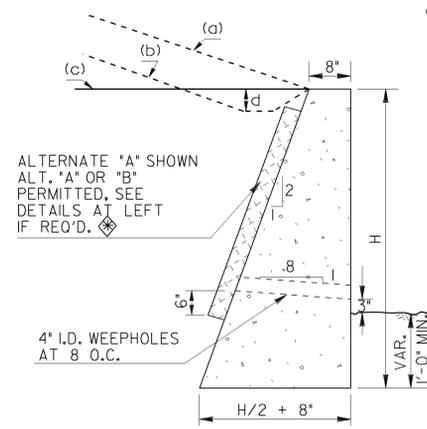
DETAILS OF RETAINING WALL TYPICAL SECTIONS

- (a) - SLOPED BACKFILL, NO DITCH
- (b) - SLOPED BACKFILL WITH DITCH
- (c) - FLAT BACKFILL

d = DITCH DEPTH, 6'-12" TYPICAL  
SEE PLANS FOR DESIGN



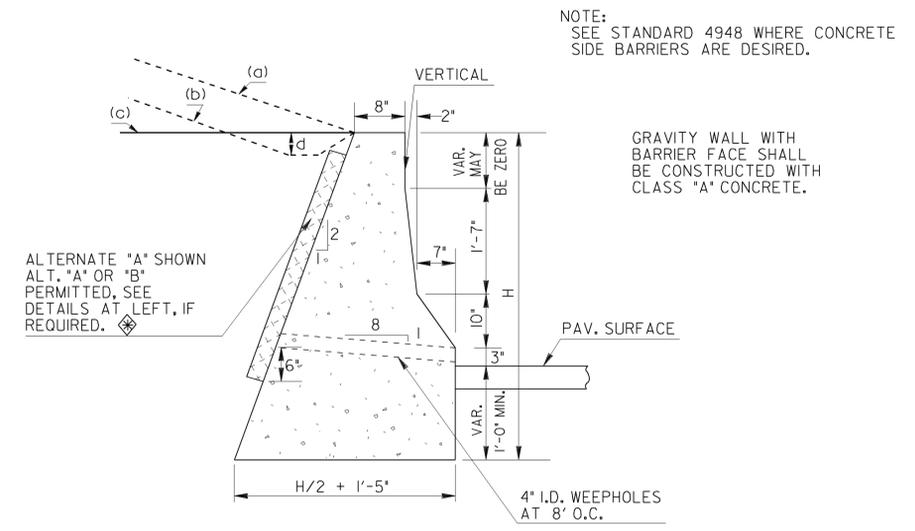
STANDARD DRAINAGE FOR RETAINING WALLS  
(FOR HEIGHTS FROM 6 FT. TO 18 FT. - SPECIAL DESIGN REQUIRED FOR RETAINING WALLS OVER 18 FT. IN HEIGHT.)



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

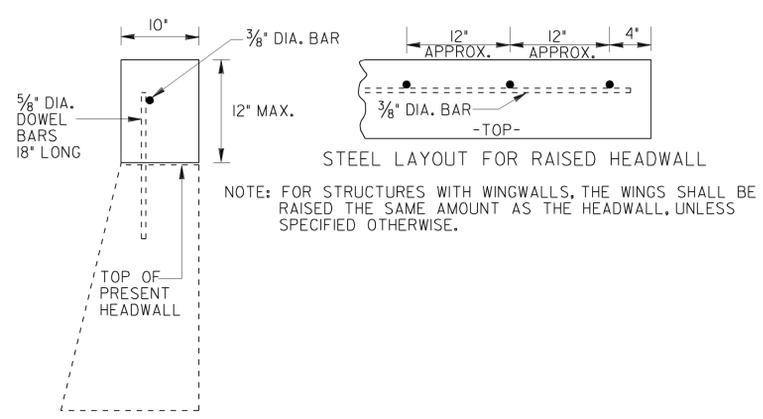
BACKFILL	MAXIMUM "H" *	
	PLAIN WALL	W. BARRIER FACE
FLAT	10'-0" **	10'-0"
SLOPE TO 4:1	6'-3"	7'-0"
SLOPE TO 2:1	4'-6"	4'-9"

\* GREATER "H" PERMITTED IF APPROVED BY BRIDGE DESIGN.  
\*\* MAXIMUM "H" OF 7'-3" HERE IF TRAFFIC IS ON BACKFILL.

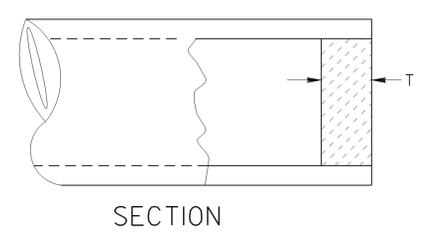


TYPICAL SECTION FOR GRAVITY WALL WITH BARRIER FACE

DETAIL FOR RAISING HEADWALL



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	
NO SCALE:				REV. & REDR. DECEMBER, 1982
G.J.P.	R.M.U.	R.M.U.	BY	REV. & R.M.U. (SUBMITTED) REDR. STATE ROAD & AIRPORT DESIGN ENGR.
				TRA. G.M.E. (APPROVED) CHK. R.K.C. STATE HIGHWAY ENGINEER
				NUMBER 9031L
				SHEET 1 OF 2