

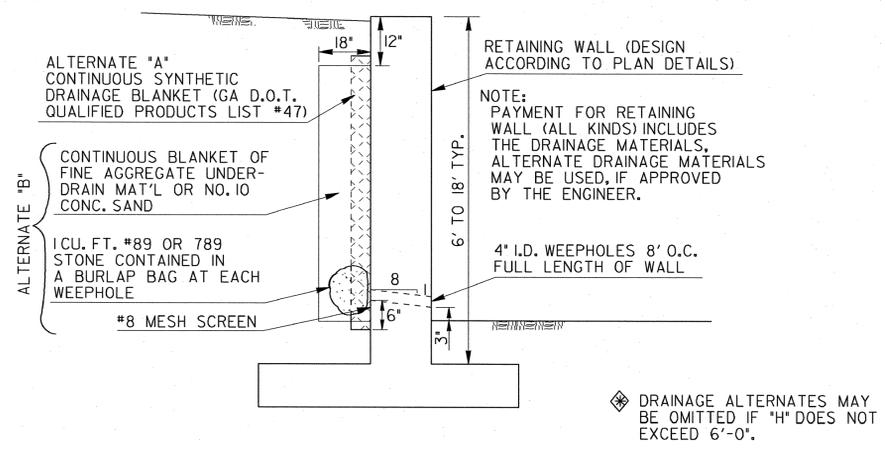
DETAILS OF RETAINING WALL TYPICAL SECTIONS

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

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

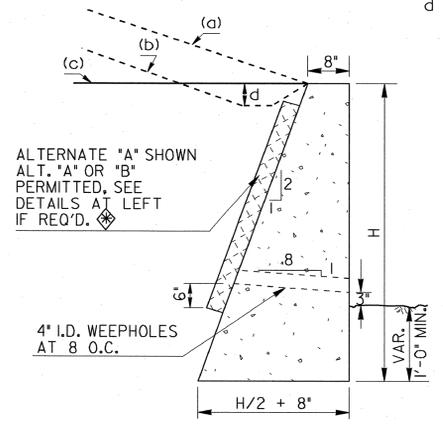
BACKFILL	MAXIMUM "H" *	
	PLAIN WALL	W. BARRIER FACE
FLAT	10'-0" **	10'-0"
SLOPE TO 4:1	6'-3"	7'-0"
SLOPE TO 2:1	4'-6"	4'-9"

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

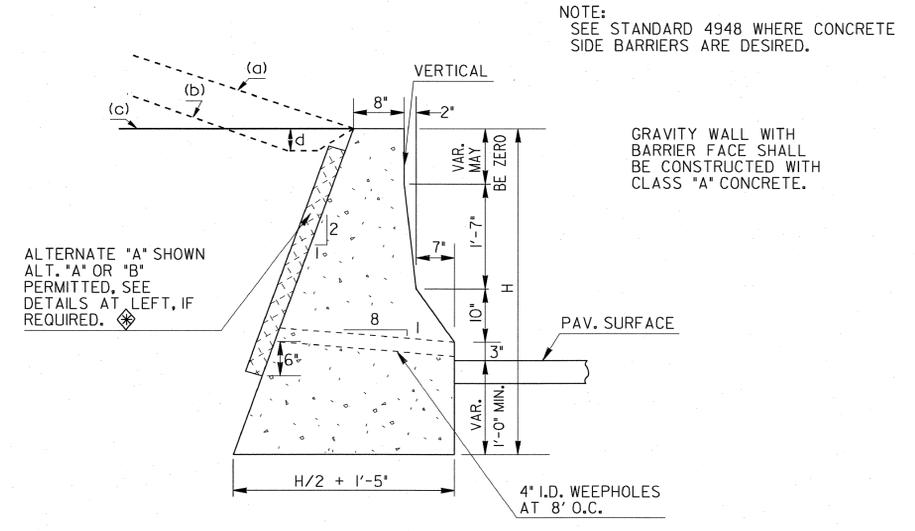


◆ DRAINAGE ALTERNATES MAY BE OMITTED IF "H" DOES NOT EXCEED 6'-0".

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.)

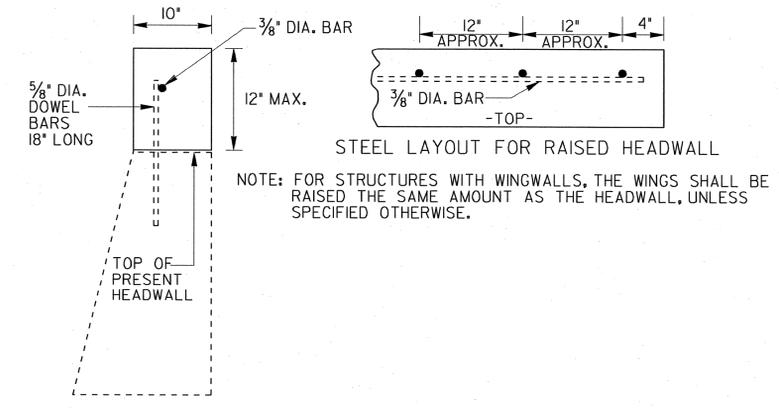


TYPICAL SECTION FOR GRAVITY TYPE WALL
MATERIALS: CLASS "B" CONC. OR MORTAR RUBBLE MASONRY.

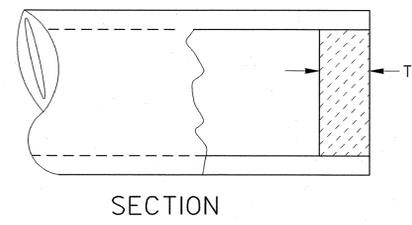


TYPICAL SECTION FOR GRAVITY WALL WITH BARRIER FACE

DETAIL FOR RAISING HEADWALL



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