

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

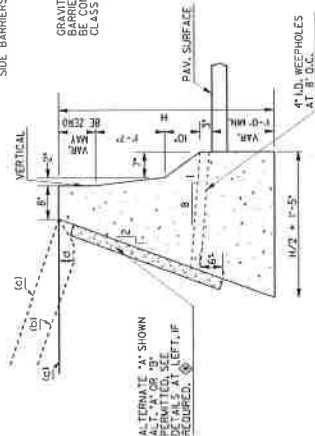
D = DITCH DEPTH, 6'-12" TYPICAL
SEE PLANS FOR DESIGN



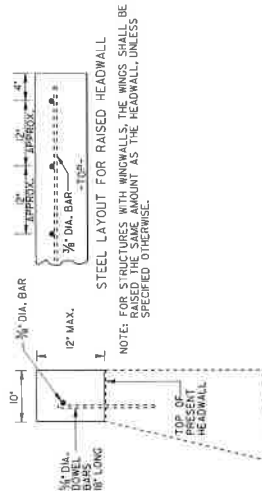
◆ DRAINAGE ALTERNATES MAY BE OMITTED IF "H" DOES NOT EXCEED 6'-0".

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 WALL WITH BARRIER FACE



NOTE: SEE STANDARD 4948 WHERE CONCRETE SIDE BARRIERS ARE DESIRED.



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

TYPICAL PIPE PLUG



SECTION

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 (CL TOS)
12"	6"	0.0594
15"	6"	0.0303
18"	6"	0.0436
24"	8"	0.0176
30"	8"	0.022
36"	8"	0.0145
42"	8"	0.02376
48"	9"	0.3003
54"	12"	0.0590
60"	12"	0.1272
66"	12"	0.0733
96"	12"	0.0733

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
RETAINING WALL TYPICAL SECTIONS,
RAISING HEADWALL, AND
TYPICAL PIPE PLUG.

DATE	REVISION
2-15-81	REV. WALL H. TABLE ADDED
4-30-84	ADD PIPE PLUS DETAILS
6-30-88	REDRAWN

NO. SCALE:	REV. & RED. DECEMBER, 1982
DESIGNED BY: J. A. WILSON	NUMBER
CHECKED BY: J. A. WILSON	9031L
IN CHARGE: J. A. WILSON	SHEET OF 2
APPROVED BY: J. A. WILSON	
DATE: 12/1/82	
STATE HIGHWAY ENGINEER	