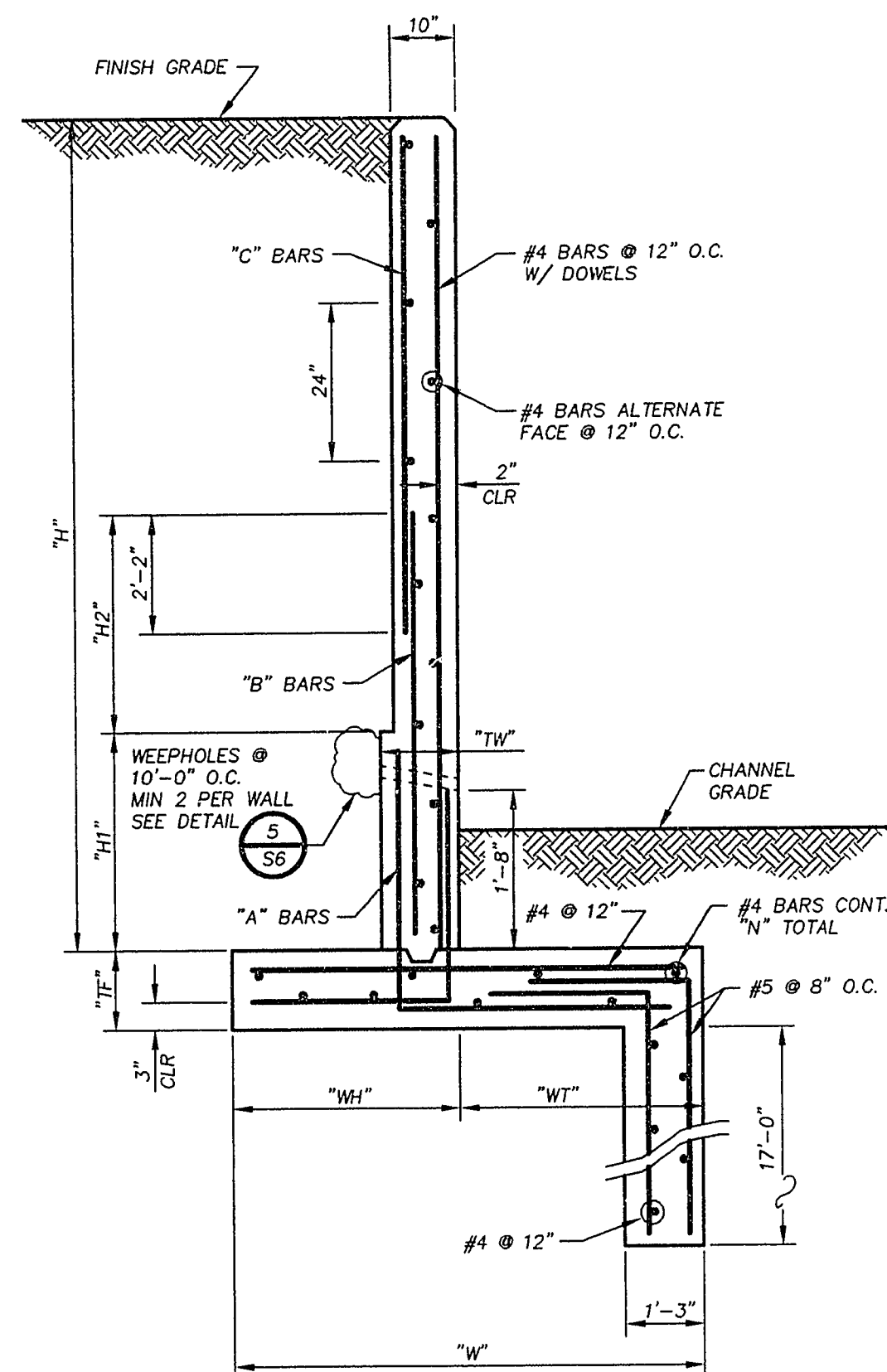
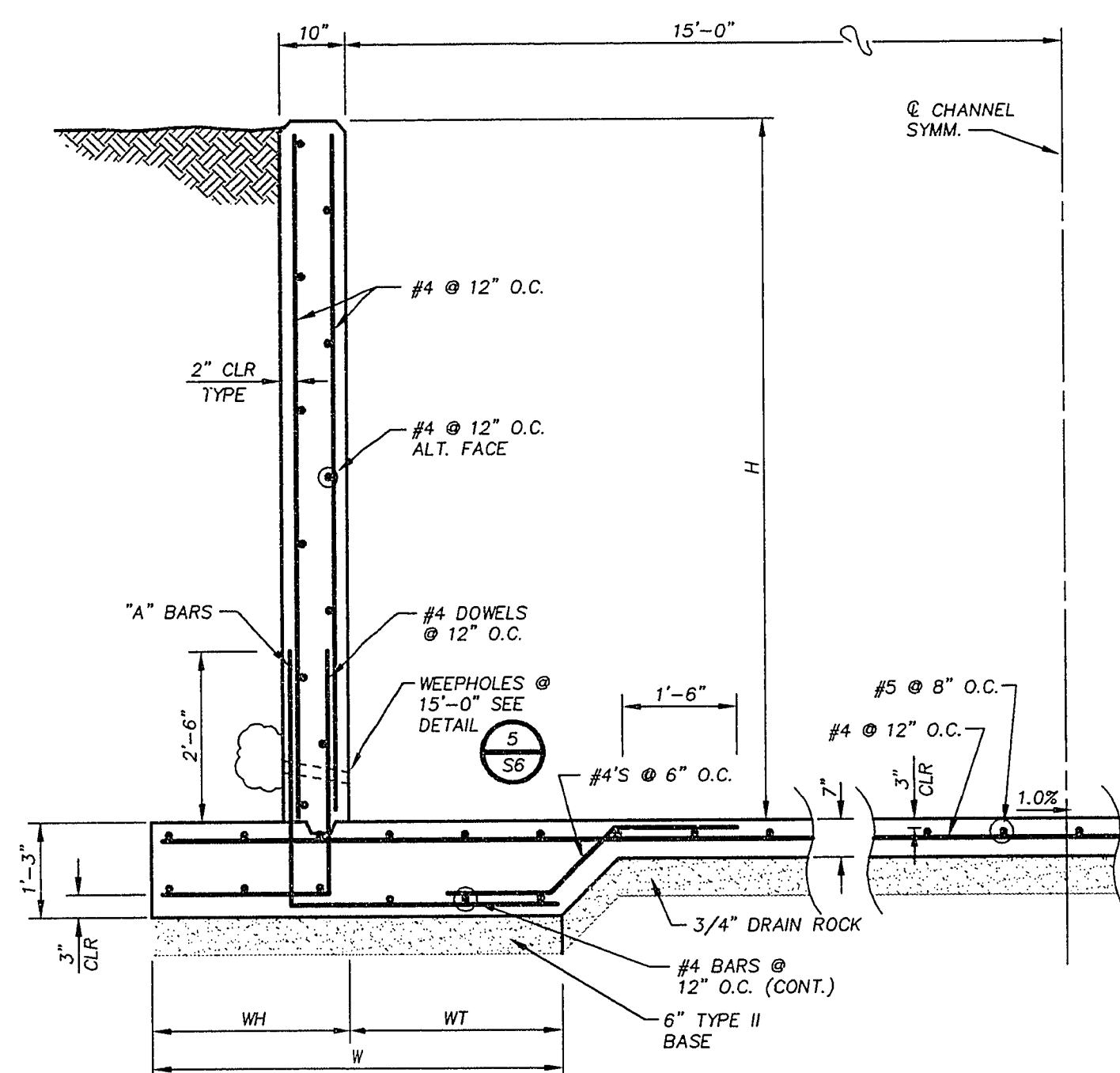


Call before you Dig
1-800-227-2600



HEADWALL SECTION

SCALE: NO SCALE



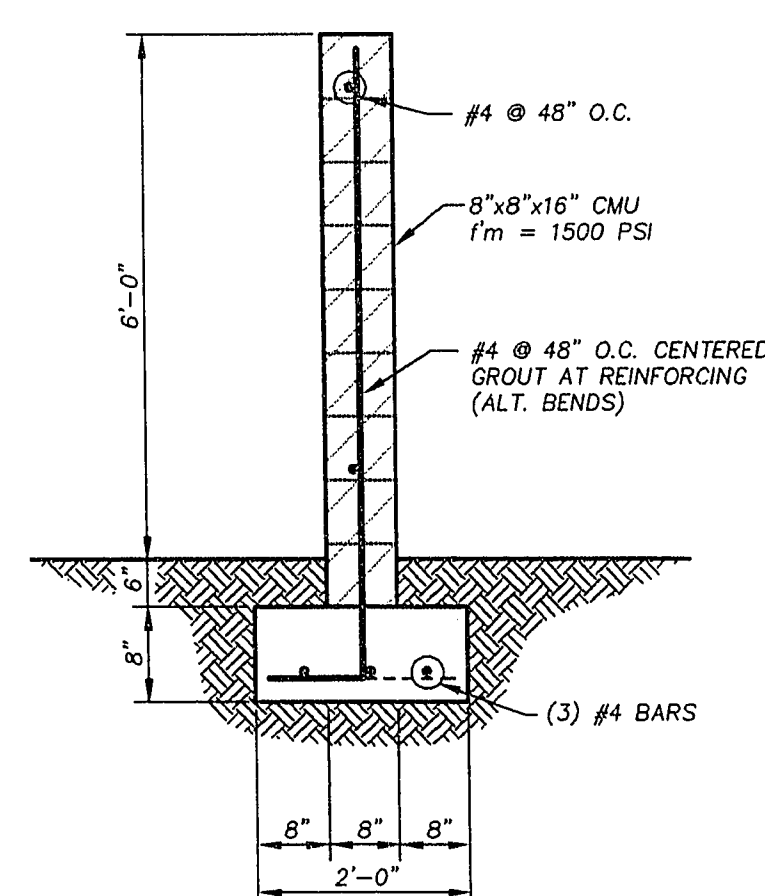
CHANNEL SECTION

SCALE: NO SCALE

H (FT) LESS THAN OR EQUAL TO	W	WH	WT	A	
				SIZE	SPACING
8'	5'-6"	2'-6"	3'-0"	5	12" O.C.
10.5'	6'-0"	2'-10"	3'-2"	7	12" O.C.

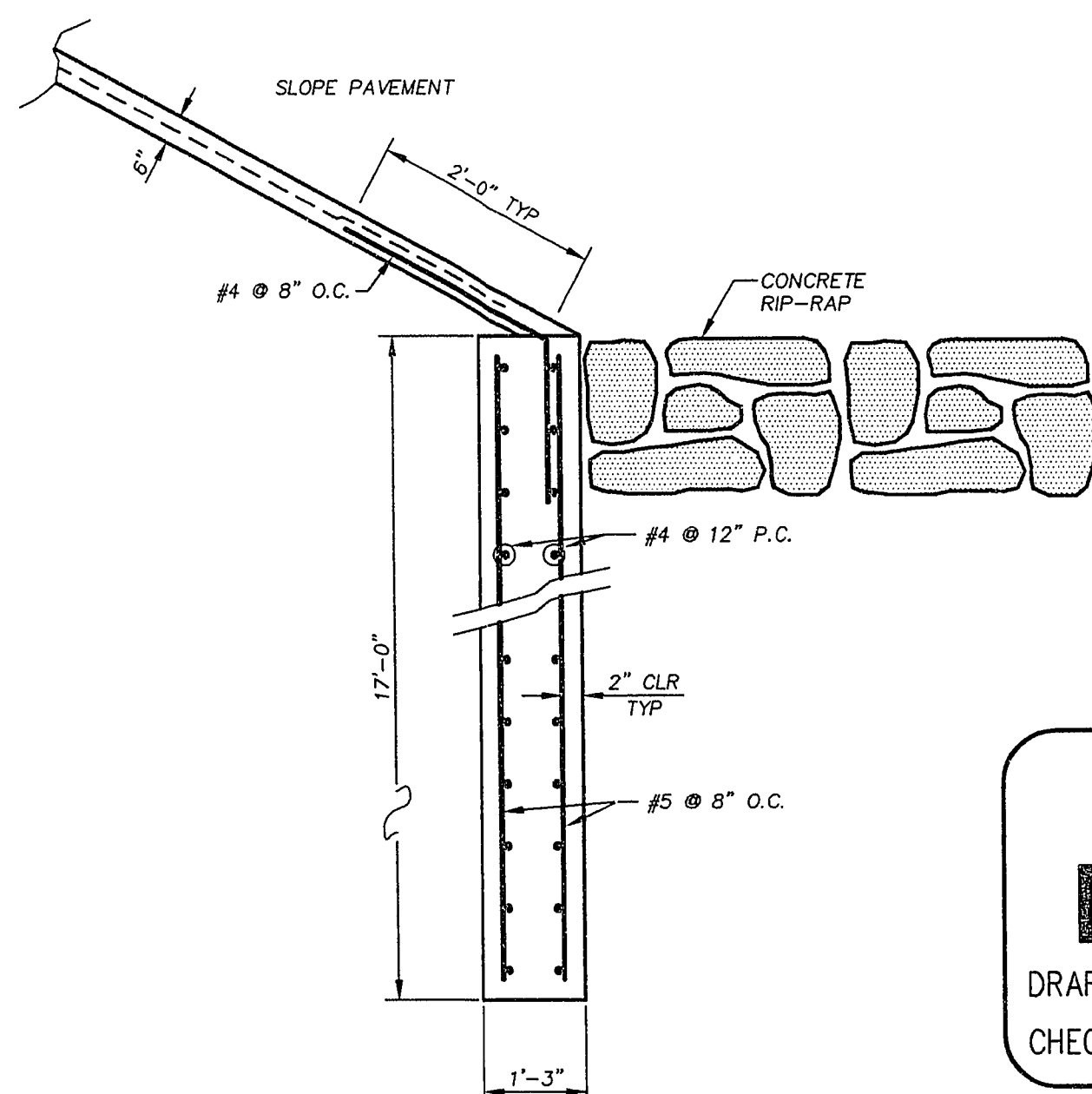
H (FT) LESS THAN OR EQUAL TO	H1	TW	H2	W	WH	WT	TF	N
5'	=H	10"	NA	3'-6"	2'-0"	1'-6"	12"	5
8'	2'-6"	10"	=(H-2.5)	4'-6"	2'-3"	2'-3"	12"	6
11.25'	3'-0"	12"	3"	6'-3"	3'-0"	3'-3"	15"	7

H (FT) LESS THAN OR EQUAL TO	"A" BARS		"B" BARS		"C" BARS	
	SIZE	SPACING	SIZE	SPACING	SIZE	SPACING
5'	4	12	-	-	-	-
8'	5	12	4	12	-	-
11.25'	7	12	5	12	4	12



CMU WALL

SCALE: NO SCALE



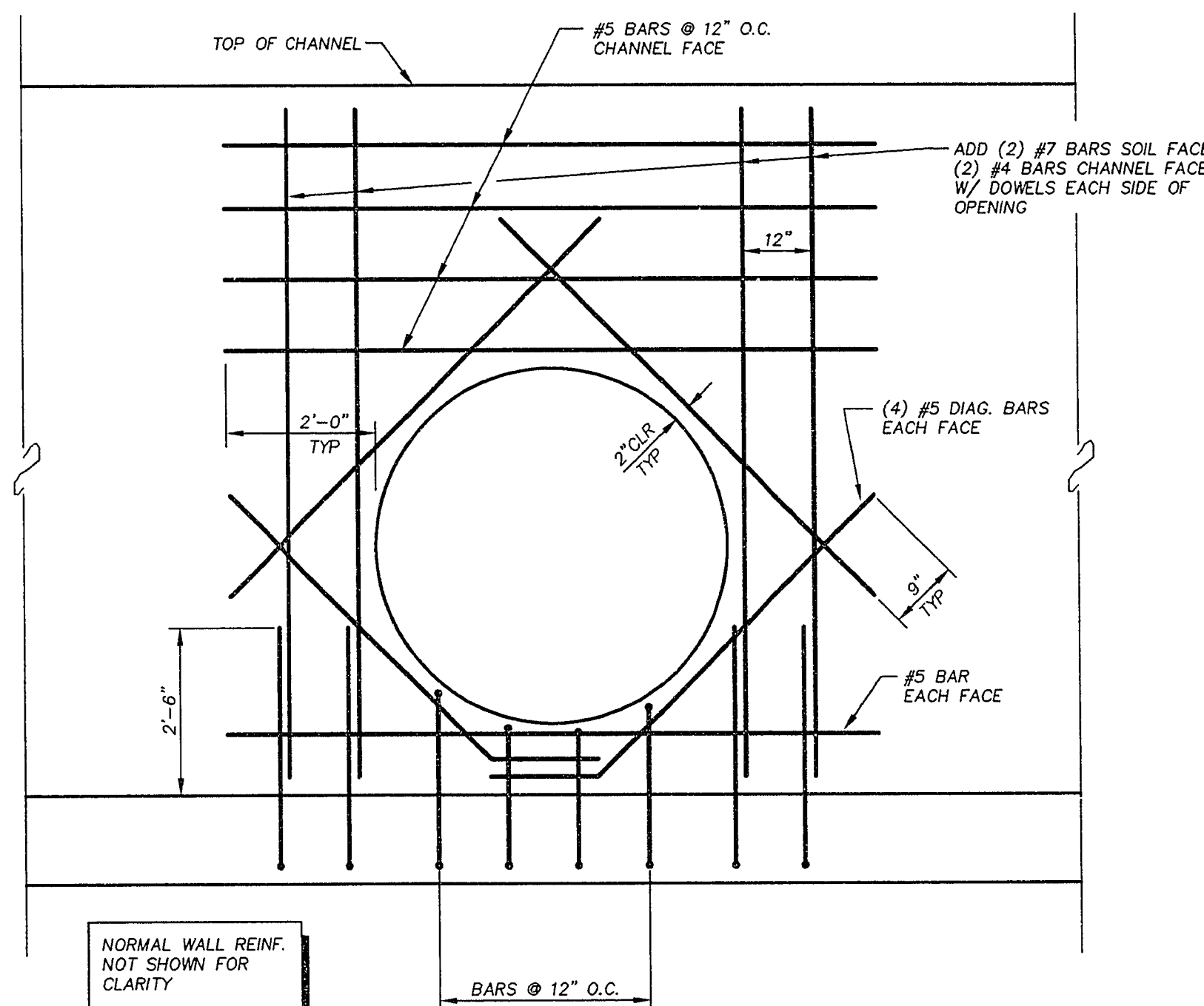
CUT-OFF WALL DETAIL

SCALE: NO SCALE

RECORD
DRAWINGS

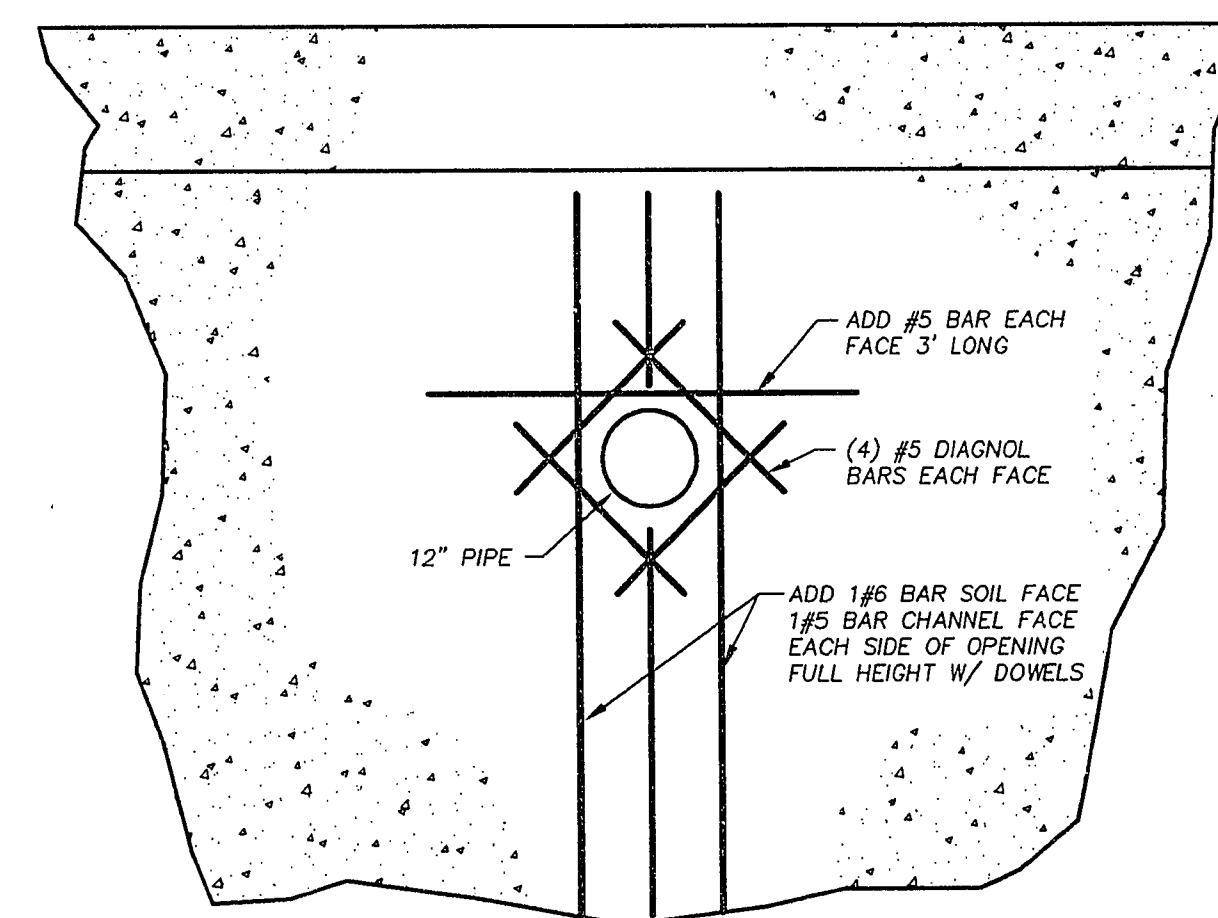
DRAFTED BY: JMA DATE 2-2-95

CHECKED BY: DTA DATE 2-2-95



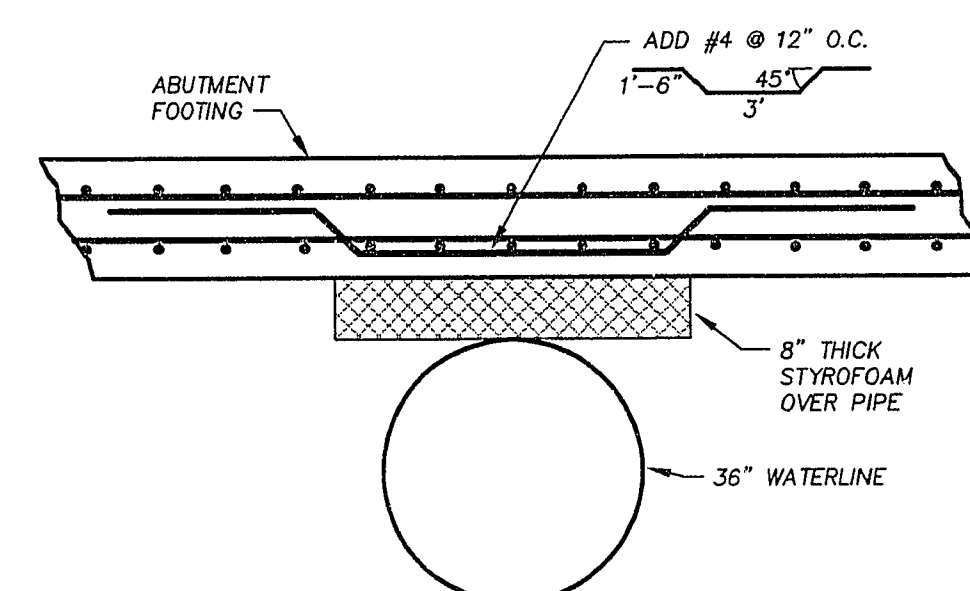
TYPICAL PIPE OPENING DETAIL

SCALE: 1/2" = 1'-0" IN CHANNEL WALL



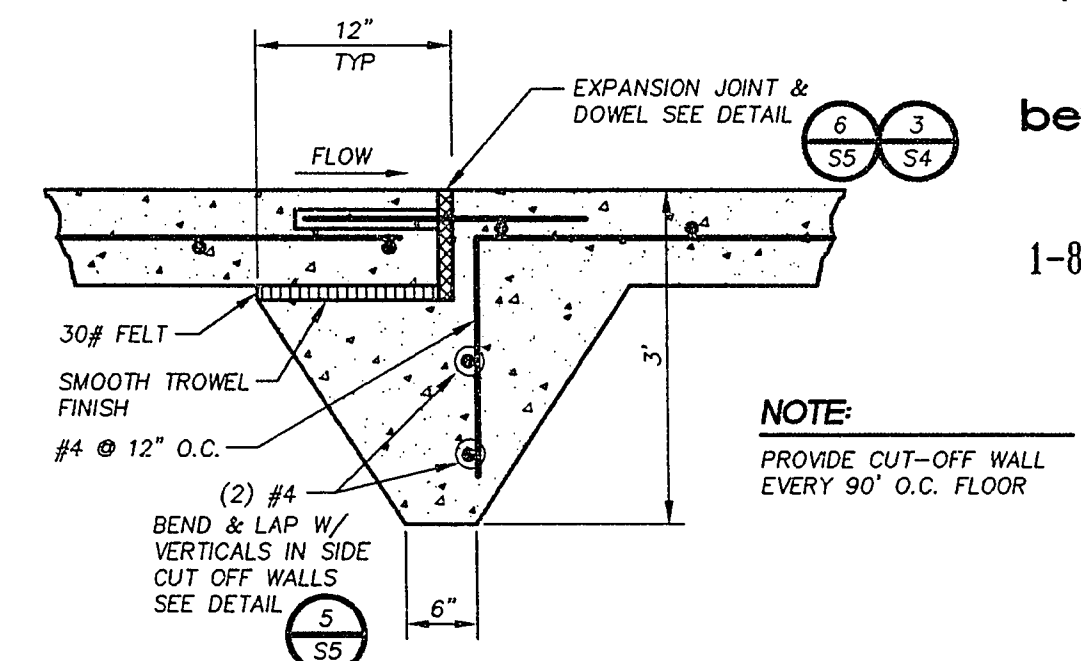
12" PIPE OPENING DETAIL

SCALE: NO SCALE IN ABUTMENT WALL



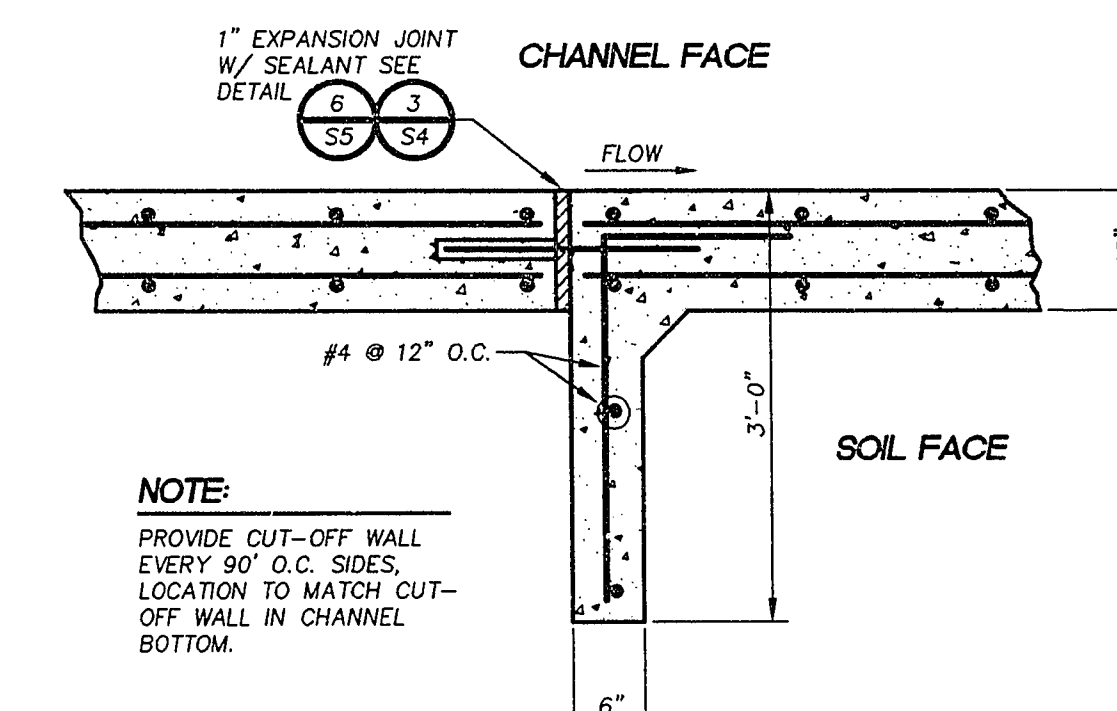
ABUTMENT FTG. OVER WATERLINE

SCALE: NO SCALE



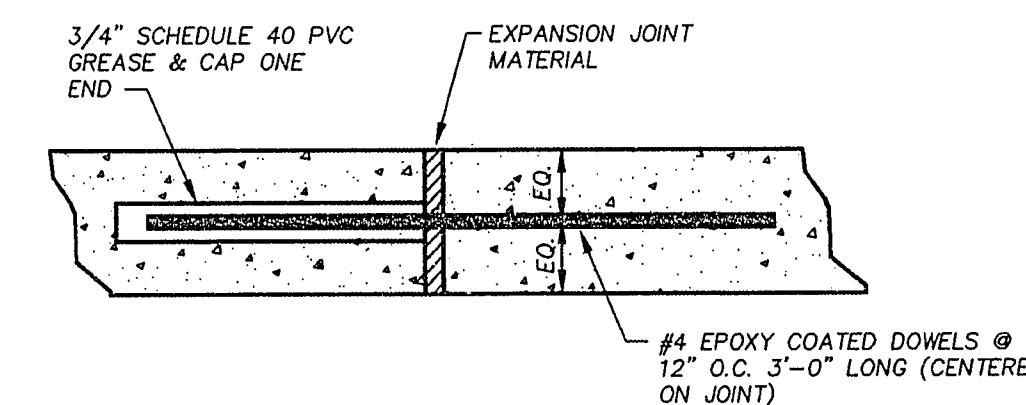
SECTION CUT-OFF WALL

SCALE: NO SCALE - CHANNEL BOTTOM



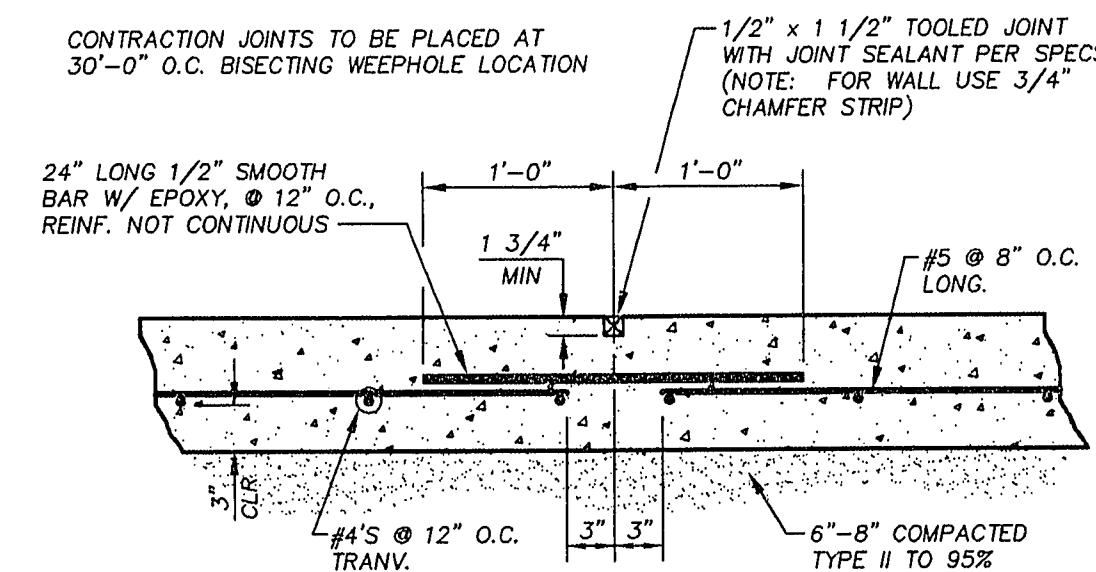
SECTION CUT-OFF WALL

SCALE: NO SCALE - CHANNEL SIDES



DOWELED EXPANSION JOINT

SCALE: NO SCALE



TYPICAL CONTRACTION JOINT DETAIL

SCALE: NO SCALE

REVISIONS				
REV.	DESCRIPTION	BY	DATE	APPROVAL

Scale	Horizontal : AS SHOWN
Vertical :	
Job No.	7158.514

Church Engineering	6600 West Charleston Blvd. Suite 140 Las Vegas, Nevada 89102 Telephone: 702/878-6244 Fax: 702/878-7758
A Division of	POST, BUCKLEY, SCHULZ & JERMAN
ENGINEERING • PLANNING • SURVEYING • CONSTRUCTION SERVICES	

Designed by : PLK	Date : 12/21/93
Drawn by : AAS	Date : 12/21/93
Checked by : PAA	Date : 12/21/93
File No. : 514IMP	Dwg No. : 514-S5

City of Las Vegas	CHEYENNE CHANNEL IMPROVEMENTS
BID No. 94.1730.12	STRUCTURAL DETAILS
CITY OF LAS VEGAS DRAWING No. 731-58	SHEET S5