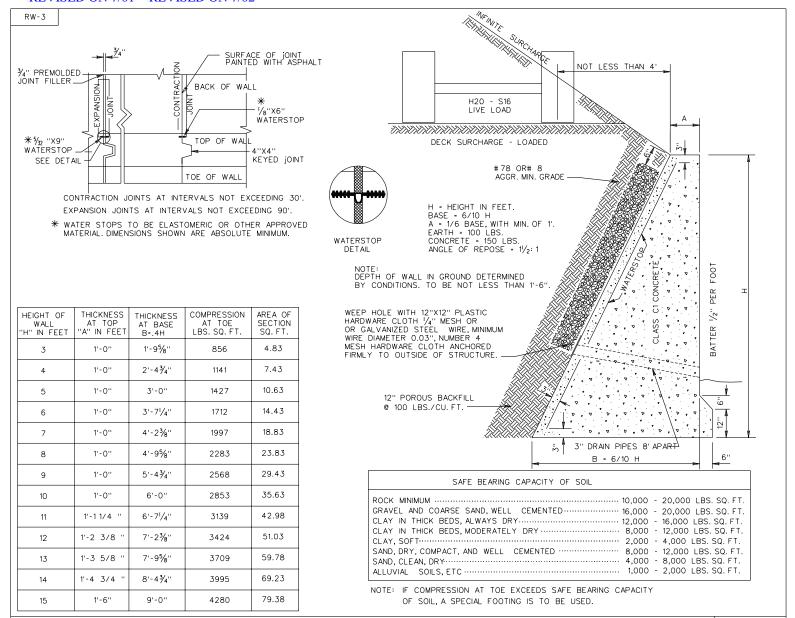


REVISED ON 7/01 REVISED ON 7/02

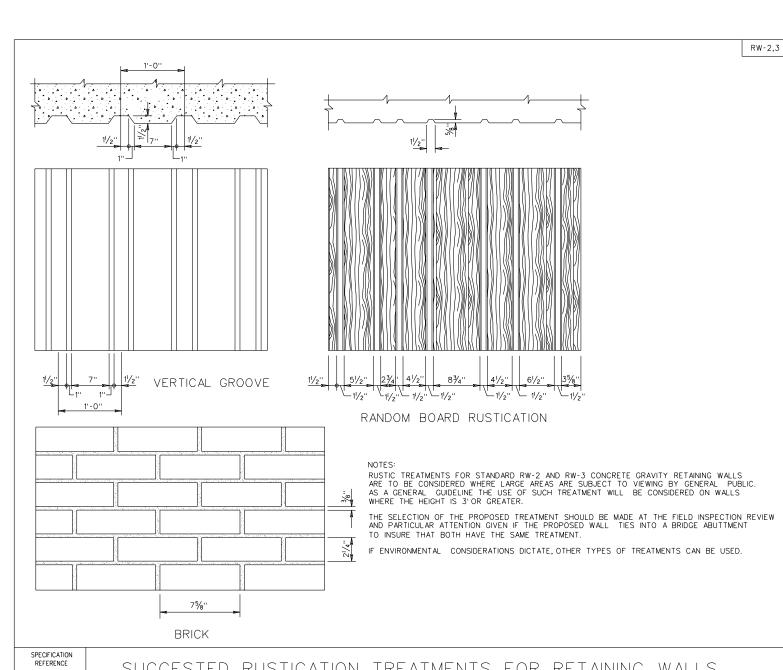


CONCRETE GRAVITY RETAINING WALLS
INFINITE SURCHARGE AND DECK SURCHARGE - LOADED

SPECIFICATION REFERENCE

506

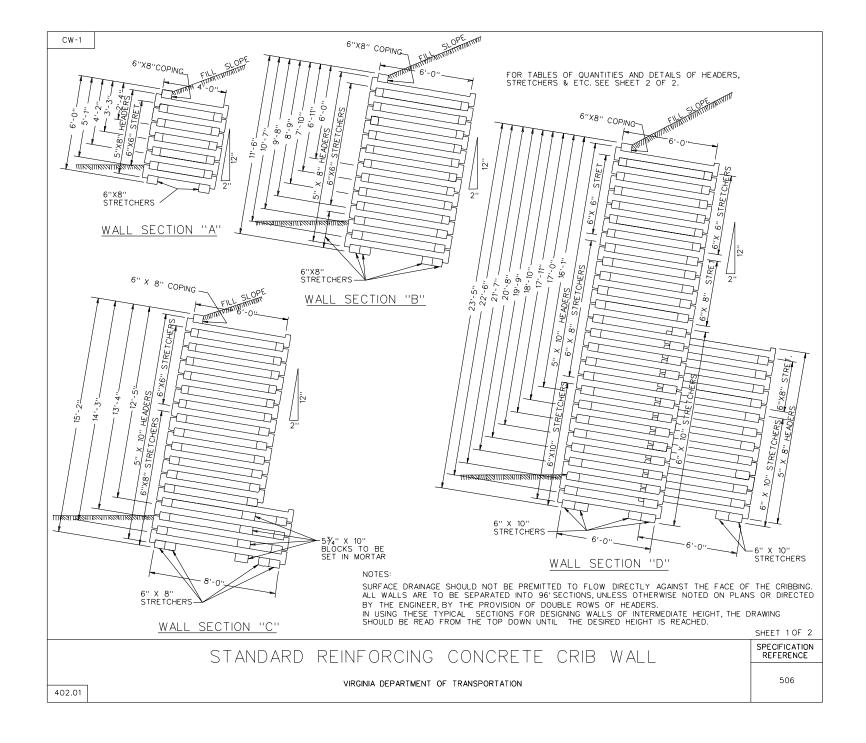
VIRGINIA DEPARTMENT OF TRANSPORTATION



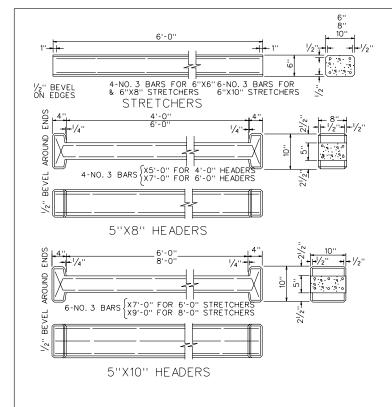
SUGGESTED RUSTICATION TREATMENTS FOR RETAINING WALLS

VIRGINIA DEPARTMENT OF TRANSPORTATION

401.03







UNIT	WEIGHT	CU. FT.		
5"X8"X4'-0" HEADER	235*	1.48		
5"X8"X6'-0" HEADER	325*	2.04		
5"X10"X6'-0" HEADER	405*	2.55		
5"X10"X8'-0" HEADER	515#	3.24		
6"X6"X6'-0" STRETCHER	240*	1.50		
6"X8"X6'-0" HEADER	320*	2.00		
6"X10"X6'-0" HEADER	400*	2.50		
5¾"X10"X10" BLOCK	50*	0.33		

NOTES:

ALL REINFORCING TO BE NO. 3 BARS PLACED 1" CLEAR FROM SURFACE OF CONCRETE.

BARS TO BE HELD IN POSITION BY CHAIRS HAVING NON-CORROSIVE TIPS CLASS A-5 CONCRETE TO BE USED EXCEPT MAXIMUM SIZE AGGREGATE TO BE NO. 7.

HEIGHT	UNITS REQUIRED FOR Typical Wall 96' Long										
OF	HEADERS			STRETCHERS			BL'K'S J &				
WALL	5"X8" X4'-0"	5"X8" X6'-0"		5"X10" X8'-0"	6"X6" X6'-0"	6"X8" X6'-0"		5¾"X 10"X10"	WALL SECTION		
2'-4"	34				32	48			A		
3'-3''	51				64	48					
4'-2"	68				96	48					
5'-1"	85				128	48					
6'-0''	102				160	48					
6'-0''		102			224	16			B.:		
6'-11''		119			256	16					
7'-10''		136			288	16					
8'-9"		153			320	16					
9'-8''		170			288	80					
10'-7''		187			288	112					
11'-6''		204			288	14 4					
12'-5''			204	17	192	272		17			
13'-4''			204	34	192	304		34			
14'-3''			204	51	192	336		51			
15'-2''			204	68	192	368		68			
16'-1''		68	289		192	336	144		Q.,		
17'-0''		85	306		192	320	208				
17'-11''		102	323		192	320	256				
18'-10''		119	340		192	320	304				
19'-9''		136	357		192	320	352				
20'-8"		153	374		192	320	400				
21'-7''		170	391		192	320	448				
22'-6''		187	408		192	320	496				
23'-5''		204	425		192	320	544				

CRIBBING IS TO BE PLACED ON A FOUNDATION OF FIRM BEARING MATERIAL MEETING THE APPROVAL OF THE ENGINEER.

THIS FOUNDATION IS TO BE AT LEAST 3'BELOW THE SURFACE OF THE GROUND, BEYOND ALL DANGER OF FROST, UNLESS ON SOLID ROCK.

FOR DETAILS NOT SHOWN ON THIS SHEET, SEE SHEET 1 OF 2. BLOCKS SHALL BE SET IN MORTAR.

SHEET 2 OF 2

SPECIFICATION REFERENCE 506

STANDARD REINFORCED CONCRETE CRIB WALL

VIRGINIA DEPARTMENT OF TRANSPORTATION

402.02