

BILL OF STEEL

CODE NO.	LOCATION	BAR SIZE	18" PIPE					24" PIPE					30" PIPE					36" PIPE					42" PIPE					48" PIPE										
			BENDING DIMENSIONS				NO. REQ'D	LENGTH	BENDING DIMENSIONS				NO. REQ'D	LENGTH	BENDING DIMENSIONS				NO. REQ'D	LENGTH	BENDING DIMENSIONS				NO. REQ'D	LENGTH	BENDING DIMENSIONS				NO. REQ'D	LENGTH						
			a	b	c	d			a	b	c	d			a	b	c	d			a	b	c	d			a	b	c	d			a	b	c	d		
A400	TOEWALL	4	2'-7"			3	2'-7"	3'-2"				3	3'-2"	3'-9"				3	3'-9"	4'-4"				3	4'-4"	4'-11"				3	4'-11"	5'-6"				3	5'-6"	
A401	WINGWALLS	4	7'-8"			2	7'-8"	10'-0"				2	10'-0"	12'-8"				2	12'-8"	11'-0"				2	11'-0"	13'-0"				2	13'-0"	15'-4"				2	15'-4"	
A402	WINGWALLS	4						6'-0"				2	6'-0"	6'-3"				2	6'-3"	7'-0"				2	7'-0"	9'-0"				2	9'-0"	9'-7"				2	9'-7"	
A403	WINGWALLS	4												4'-8"				2	4'-8"					2	7'-0"	5'-0"				2	5'-0"	7'-4"				2	7'-4"	
A404	WINGWALLS	4																																				
A405	WINGWALLS	4	3'-8"			2	3'-8"																															
A500	WINGWALLS	5	7'-10"			4	7'-10"	10'-3"				4	10'-3"																									
A700	HEADWALL	7																		2'-2"				4	2'-2"	2'-3"				4	2'-3"	2'-6"				4	2'-6"	
A701	HEADWALL	7	1'-5"			2	1'-5"	1'-10"				2	1'-10"	2'-2"				2	2'-2"	2'-6"				2	2'-6"	2'-10"				2	2'-10"	3'-1"				2	3'-1"	
A702	HEADWALL	7	1'-4"			2	1'-4"	1'-9"				2	1'-9"	2'-2"				2	2'-2"	2'-5"				2	2'-5"	2'-9"				2	2'-9"	3'-0"				2	3'-0"	
A703	HEADWALL	7	2'-7"			2	2'-7"	3'-2"				2	3'-2"																									
B400	BOTTOM SLAB & WINGWALL	4	1'-6"	1'-2"		2	2'-8"	2'-6"	1'-0"			2	3'-6"	2'-6"	1'-3"			2	3'-9"	3'-6"	1'-6"			2	5'-0"	3'-6"	1'-10"			2	5'-4"	4'-6"	1'-1"			2	5'-7"	
B401	BOTTOM SLAB & WINGWALL	4	0'-6"	1'-2"		2	1'-8"	1'-6"	1'-0"			2	2'-6"	1'-6"	1'-3"			2	2'-9"	2'-6"	1'-6"			2	4'-0"	2'-0"	1'-10"			2	3'-10"	3'-6"	1'-1"			2	4'-7"	
B402	BOTTOM SLAB & WINGWALL	4						0'-6"	1'-0"			2	1'-6"	0'-6"	1'-3"			2	1'-9"	1'-6"	1'-6"			2	3'-4"	2'-6"	1'-10"			2	3'-4"	2'-6"	1'-1"			2	3'-7"	
B403	BOTTOM SLAB & WINGWALL	4												0'-6"	1'-6"					0'-6"	1'-6"			2	2'-0"	0'-6"	1'-10"			2	2'-4"	1'-6"	1'-1"			2	2'-7"	
B404	BOTTOM SLAB & WINGWALL	4																																				
B405	HEADWALL & WINGWALL	4																		15'-0"	0'-8"			2	15'-8"	17'-0"	0'-10"			2	17'-10"	19'-4"	0'-11"			2	20'-3"	
B406	HEADWALL & WINGWALL	4						2'-0"	0'-9"			2	2'-9"	2'-8"	0'-10"			2	3'-6"	3'-0"	1'-0"			2	4'-0"	1'-0"	1'-8"			2	2'-8"	3'-4"	1'-4"			2	4'-8"	
H400	BOTTOM SLAB & HEADWALL	4	2'-7"	2'-10"		1	8'-3"	3'-2"	3'-4"			1	9'-10"	3'-9"	4'-1"			1	11'-11"	4'-4"	4'-8"			1	13'-8"	4'-11"	5'-2"			1	15'-3"	5'-6"	5'-9"			1	17'-0"	
H401	BOTTOM SLAB & HEADWALL	4	2'-7"	2'-9"		1	8'-1"	3'-2"	3'-3"			1	9'-8"	3'-9"	4'-0"			1	11'-9"	4'-4"	4'-7"			1	13'-6"	4'-11"	5'-1"			1	15'-1"	5'-6"	5'-7"			1	16'-8"	
H402	BOTTOM SLAB & WINGWALL	4	2'-7"	2'-3"		1	7'-1"	3'-2"	2'-9"			1	8'-8"	3'-9"	3'-3"			1	10'-3"	4'-4"	4'-0"			1	12'-4"	4'-11"	4'-6"			1	13'-11"	5'-6"	5'-0"			1	15'-6"	
H403	BOTTOM SLAB & WINGWALL	4	2'-7"	2'-0"		1	6'-7"	3'-2"	2'-6"			1	8'-2"	3'-9"	3'-0"			1	9'-9"	4'-4"	3'-9"			1	11'-10"	4'-11"	4'-3"			1	13'-5"	5'-6"	4'-9"			1	15'-0"	
H404	BOTTOM SLAB & WINGWALL	4	2'-7"	1'-9"		1	6'-1"	3'-2"	2'-3"			1	7'-8"	3'-9"	2'-9"			1	9'-3"	4'-4"	3'-6"			1	11'-4"	4'-11"	4'-0"			1	12'-11"	5'-6"	4'-6"			1	14'-6"	
H405	BOTTOM SLAB & WINGWALL	4	2'-7"	1'-6"		1	5'-7"	3'-2"	2'-0"			1	7'-2"	3'-9"	2'-6"			1	8'-9"	4'-4"	3'-3"			1	10'-10"	4'-11"	3'-9"			1	12'-5"	5'-6"	4'-3"			1	14'-0"	
H406	BOTTOM SLAB & WINGWALL	4	2'-7"	1'-3"		1	5'-1"	3'-2"	1'-9"			1	6'-8"	3'-9"	2'-3"			1	8'-3"	4'-4"	3'-0"			1	10'-4"	4'-11"	3'-6"			1	11'-11"	5'-6"	4'-0"			1	13'-6"	
H407	BOTTOM SLAB & WINGWALL	4	2'-7"	1'-0"		1	4'-7"	3'-2"	1'-6"			1	6'-2"	3'-9"	1'-5"			1	6'-7"	4'-4"	2'-9"			1	9'-10"	4'-11"	3'-3"			1	11'-5"	5'-6"	3'-9"			1	13'-0"	
H408	BOTTOM SLAB & WINGWALL	4	2'-7"	0'-9"		1	4'-1"	3'-2"	1'-3"			1	5'-8"	3'-9"	1'-9"			1	7'-3"	4'-4"	2'-6"			1	9'-4"	4'-11"	3'-0"			1	10'-11"	5'-6"	3'-6"			1	12'-6"	
H409	BOTTOM SLAB & WINGWALL	4	2'-7"	0'-6"		1	3'-7"	3'-2"	1'-0"			1	5'-2"	3'-9"	1'-6"			1	6'-9"	4'-4"	2'-1"			1	8'-6"	4'-11"	2'-9"			1	10'-5"	5'-6"	3'-3"			1	12'-0"	
H410	BOTTOM SLAB & WINGWALL	4						3'-2"	0'-9"			1	4'-8"	3'-9"	1'-3"			1	6'-3"	4'-4"	2'-0"			1	8'-4"	4'-11"	2'-0"			1	8'-11"	5'-6"	3'-0"			1	11'-6"	
H411	BOTTOM SLAB & WINGWALL	4						3'-2"	0'-6"			1	4'-2"	3'-9"	1'-0"			1	5'-9"	4'-4"	1'-9"			1	7'-10"	4'-11"	2'-3"			1	9'-5"	5'-6"	2'-9"			1	11'-0"	
H412	BOTTOM SLAB & WINGWALL	4												3'-9"	0'-9"			1	5'-3"	4'-4"	1'-6"			1	7'-4"	4'-11"	2'-0"			1	8'-11"	5'-6"	2'-6"			1	10'-6"	
H413	BOTTOM SLAB & WINGWALL	4												3'-9"	0'-6"			1	4'-9"	4'-4"	1'-3"			1	6'-10"	4'-11"	1'-9"			1	8'-5"	5'-6"	2'-3"			1	10'-0"	
H414	BOTTOM SLAB & WINGWALL	4																		4'-4"	1'-0"			1	6'-4"	4'-11"	1'-6"			1	7'-11"	5'-6"	2'-0"			1	9'-6"	
H415	BOTTOM SLAB & WINGWALL	4																		4'-4"	0'-9"			1	5'-10"	4'-11"	1'-3"			1	7'-5"	5'-6"	1'-9"			1	9'-0"	
H416	BOTTOM SLAB & WINGWALL	4																		4'-4"	0'-6"			1	5'-4"	4'-11"	1'-0"			1	6'-11"	5'-6"	1'-6"			1	8'-6"	
H417	BOTTOM SLAB & WINGWALL	4																								4'-11"	0'-9"			1	6'-5"	5'-6"	1'-3"			1	8'-0"	
H418	BOTTOM SLAB & WINGWALL	4																								4'-11"	0'-6"			1	5'-11"	5'-6"	1'-0"			1	7'-6"	
H419	BOTTOM SLAB & WINGWALL	4																																				
H420	BOTTOM SLAB & WINGWALL	4																																				
S400	BOTTOM SLAB & TOEWALL	4	7'-8"	0'-4"	0'-8"	1'-4"	4	10'-0"	10'-0"	0'-4"	0'-8"	1'-4"	6	12'-4"	12'-8"	0'-4"	0'-8"	1'-4"	6	15'-0"	15'-0"	0'-4"	0'-8"	1'-4"	6	17'-4"	17'-0"	0'-4"	0'-8"	1'-4"	6	19'-4"	19'-4"	0'-4"	0'-8"	1'-4"	8	21'-8"
V500	WINGWALL	5												6'-6"	0'-8"	0'-8"	5'-11"	4	14'-5"	7'-8"	0'-8"	0'-9"	7'-1"	4	17'-0"	8'-9"	0'-8"	0'-9"	8'-1"	4	18'-10"	9'-11"	0'-8"	0'-8"	9'-5"	4	21'-4"	
V700	HEADWALL	7												1'-6"	0'-4"	0'-9"	1'-6"	2	4'-5"	1'-10"	0'-4"	0'-8"	1'-10"	2	5'-0"	2'-1"	0'-4"	0'-9"	2'-1"	2	5'-7"	2'-5"	0'-4"	0'-8"	2'-5"	2	6'-2"	

REINFORCING STEEL LEGEND

