



ONE - GUARDRAIL - 111GR1

BILL OF MATERIAL

Qty.	Unit	Description	Mark	Length	Minor Mark	Steel Grade	Unit Wt.	Total Wt.	Remarks
1	1	PIPE1-1/2SCH40	111GR1	8'-6 1/8"		A53	22.1	22.1	
1	1	PIPE1-1/2SCH40		4'-5 3/16"	m39	A53	12.1	12.1	
1	1	PIPE1-1/2SCH40		0'-1 15/16"	m43	A53	0.4	0.4	
1	1	PIPE1-1/2SCH40		3'-2 5/8"	m45	A53	8.6	8.6	
2	2	PIPE1-1/2SCH40		0'-2 15/16"	m51	A53	0.7	1.3	
1	1	PIPE1-1/2SCH40		13'-1"	m54	A53	35.6	35.6	
1	1	PIPE1-1/2SCH40		0'-2 3/8"	m56	A53	0.5	0.5	
1	1	PIPE1-1/2SCH40		3'-4 5/16"	m58	A53	9.0	9.0	
1	1	PIPE1-1/2SCH40		3'-4 1/16"	m60	A53	9.1	9.1	
1	1	PIPE1-1/2SCH40		4'-0 7/8"	m61	A53	11.1	11.1	
1	1	PIPE1-1/2SCH40		0'-2"	m64	A53	0.5	0.5	
1	1	PIPE1-1/2SCH40		0'-1 3/8"	m65	A53	0.3	0.3	
1	1	PIPE1-1/2SCH40		0'-3"	m66	A53	0.7	0.7	
2	2	PIPE1-1/2SCH40		0'-1 11/16"	m67	A53	0.4	0.8	
2	2	PIPE1-1/2SCH40		0'-3 15/16"	m68	A53	0.8	1.6	
1	1	PIPE1-1/2SCH40		0'-3 1/8"	m70	A53	0.6	0.6	
1	1	ROD1/2"		2'-10 11/16"	r12	A36	1.7	1.7	
1	1	ROD1/2"		2'-11 5/16"	r13	A36	1.8	1.8	
21	21	ROD1/2"		2'-10 1/4"	r16	A36	1.7	35.8	
1	1	ROD1/2"		2'-11 5/16"	r17	A36	1.8	1.8	
3	3	ROD1 1/2"		0'-2"	r18	A36	1.0	2.9	
2	2	ROD1/2"		0'-5 1/2"	r19	A36	0.3	0.6	
1	1	ROD1/2"		0'-5 5/16"	r21	A36	0.3	0.3	