

**\*\*\*\*THIS IS A NEW APPENDIX. – PLEASE READ CAREFULLY.\*\*\*\***

**MINIMUM TORQUE REQUIREMENTS  
FOR ANCHOR BOLTS**

Grade Design.	Tensile Strength Minimum	Yield Strength Min. ksi	7/16 in.	1/2 in.	9/16 in.	5/8 in.	3/4 in.	7/8 in.	1.0 in.	1 1/8 in.	1 1/4 in.	1 3/8 in.	1 1/2 in.	1 5/8 in.	1 3/4 in.	1 7/8 in.	2.0 in.	2 1/4 in.	2 1/2 in.	2 3/4 in.	3.0 in.
ASTM F1554 Grade 36	58-80 ksi	36	6	9	13	19	30	41	60	95	132	177	212	290	377	467	544	623	876	1462	1891
ASTM F1554 Grade 55	75-95 ksi	55	9	14	21	29	47	74	110	175	242	325	389	532	692	932	1085	1445	1610	2690	3510
ASTM F1554 Grade 105	125-150 ksi	105	11	16	24	35	54	85	129	200	278	374	447	610	796	1091	1150	1660	1851	3093	4035

**NOTE 1:** Torque figures are in foot-pounds unless otherwise noted.