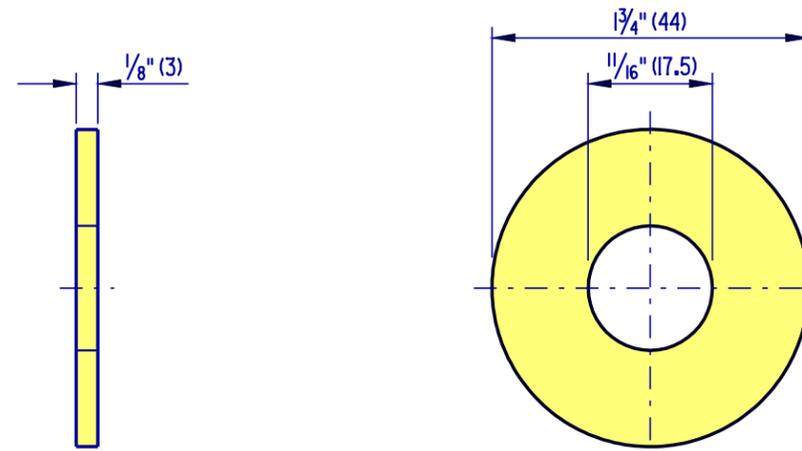
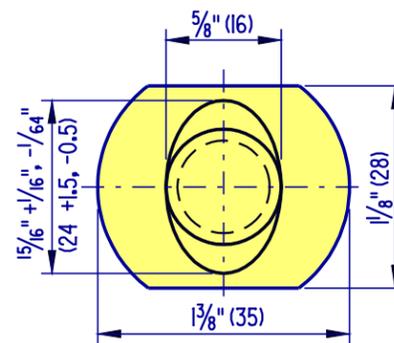
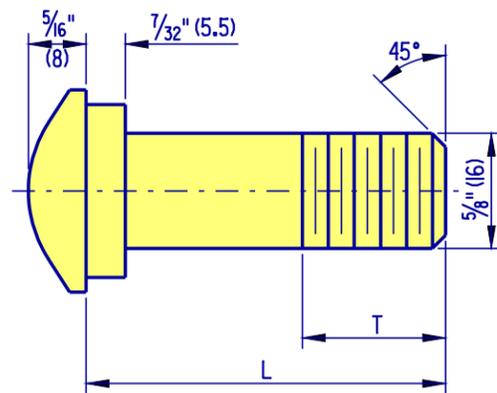


**RECESSED NUT  
(FOR 5/8" (16) GUARDRAIL BOLT)**



**STEEL WASHER (FOR 5/8" (16) GUARDRAIL BOLT)**

NOTE: DIMENSION FOR WASHER THICKNESS IS APPROXIMATE BASED ON METAL THICKNESS.



**GUARDRAIL BOLT**

L	T (MIN.)
1/4" (35)	FULL THREAD LENGTH
2" (50)	FULL THREAD LENGTH
4" (100)	FULL THREAD LENGTH
10" (255)	4" (100) THREAD LENGTH
18" (460)	4" (100) THREAD LENGTH

NOTES : 1. ALL FILLETS SHALL HAVE A MINIMUM RADIUS OF 1/16" (2).  
2. IF THE BOLT EXTENDS MORE THAN 1/2" (12) BEYOND THE NUT, THE BOLT SHALL BE TRIMMED BACK AS PER THE DEPARTMENT'S SPECIFICATIONS.



DELAWARE  
DEPARTMENT OF TRANSPORTATION

**HARDWARE**

STANDARD NO. B-13 (2004) SHT. 10 OF 13

APPROVED *Carolann Wicks* 1/10/05  
CHIEF ENGINEER DATE

RECOMMENDED *Dennis M. O'Flaherty* 1/13/05  
DESIGN ENGINEER DATE