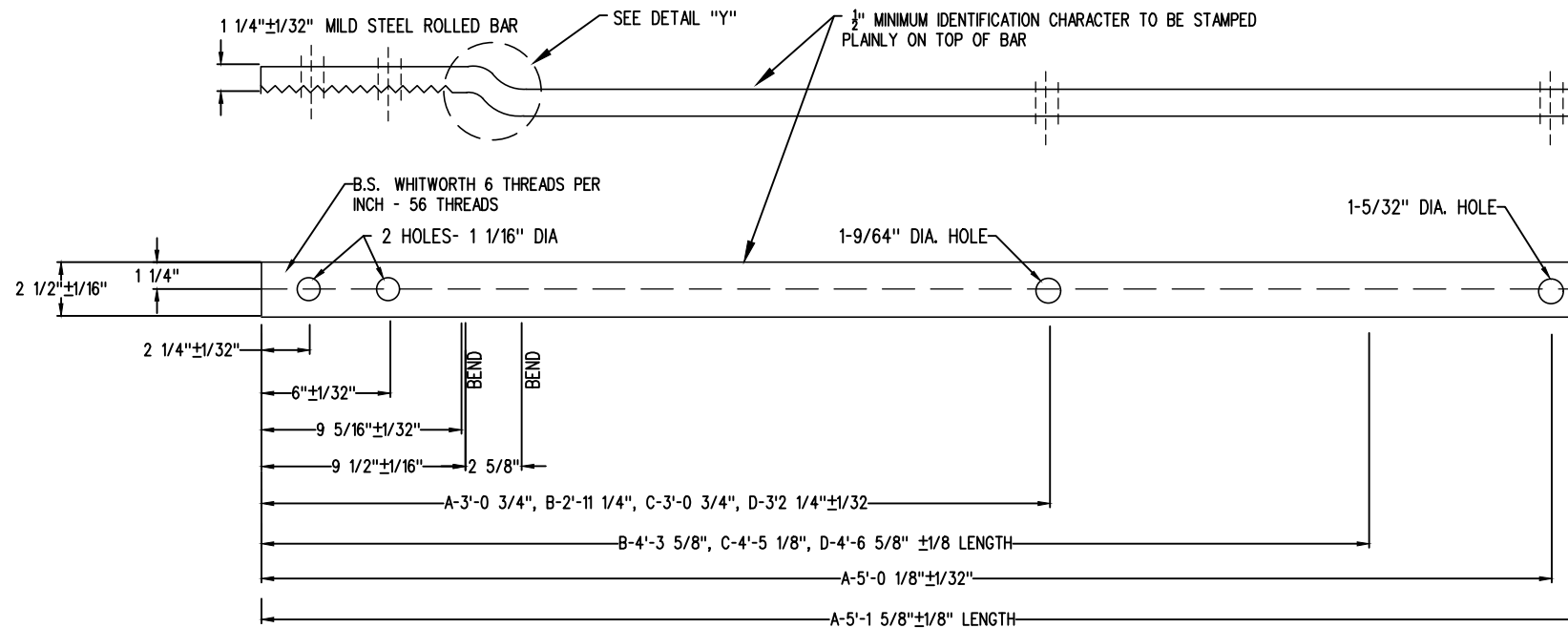
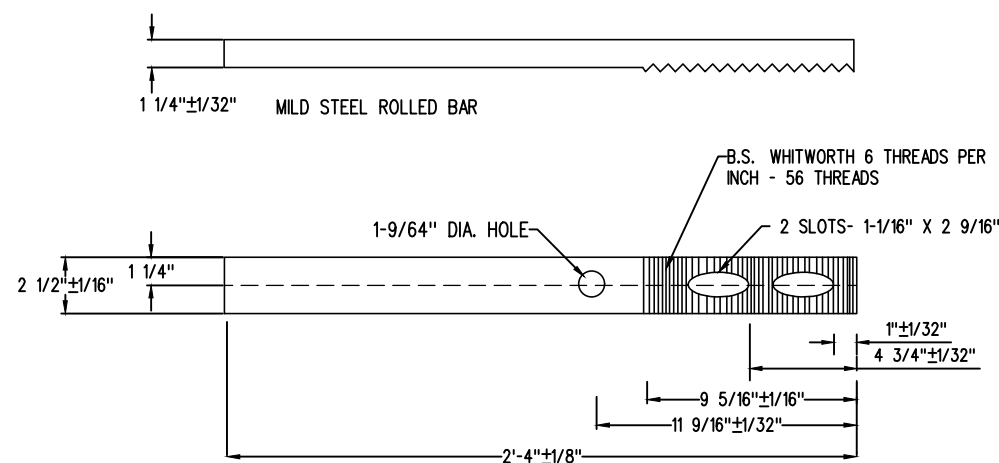


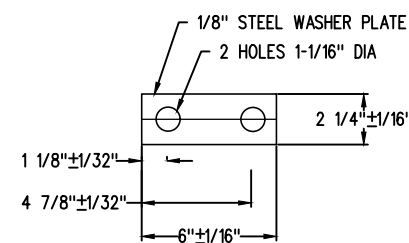
ASSEMBLY OF SWITCH ROD



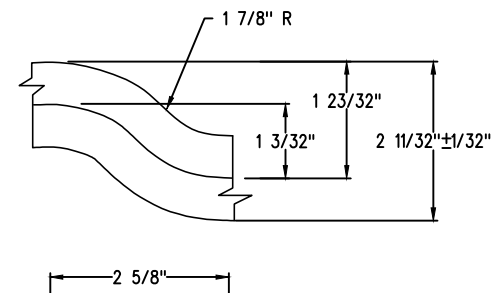
DETAIL OF ITEM 1



DETAIL OF ITEM 2



DETAIL OF ITEM 3



ROD BENDING
DETAIL "Y"

BILL OF MATERIAL							
ITEM NO.	DESCRIPTION	MARK NO.	STANDARD PLAN	QUANTITY FOR ROD 340			
				A	B	C	D
1	BAR ROD 1 1/4" THICK X 2 1/2" WIDE X 5'-1 5/8" LONG	340A	-	1	-	-	-
	BAR ROD 1 1/4" THICK X 2 1/2" WIDE X 4'-3 5/8" LONG	340B	-	-	1	-	-
	BAR ROD 1 1/4" THICK X 2 1/2" WIDE X 4'-5 1/8" LONG	340C	-	-	-	1	-
	BAR ROD 1 1/4" THICK X 2 1/2" WIDE X 4'-6 5/8" LONG	340D	-	-	-	-	1
2	BAR ROD 1 1/4" THICK X 2 1/2" WIDE X 2'-4" LONG	-	-	1	1	1	1
3	FLAT WASHER 1/8" THICK X 2 1/4" WIDE X 6" LONG	-	-	1	1	1	1
4	1" DIA -8 UNC SQ.HD.BOLT X 4 3/4" LONG C/W SQ.NUT	-	GTS-1305/24	2	2	2	2
5	SPRING WASHER FOR 1" DIA BOLT	-	GTS-1301	2	2	2	2
6	1/4" COTTER PIN X 2" LONG	-	-	2	2	2	2

NOTES:

- ITEM 2 AND 3 ALSO USED AND DETAILED ROD DRAWING NO.GTS-341 A/D ALL HOLES SHALL BE DRILLED. THE USE OF ACETYLENE TORCH OR OTHER BURNING METHOD FOR THE CUTTING OR MAKING OF HOLES IN THE MANUFACTURE OF SWITCH RODS IS ABSOLUTELY PROHIBITED. WHEN REFERRING TO SWITCH RODS, DRAWING NUMBER MUST BE STATED AS A, B, C OR D TO INDICATE SPECIFIC ROD REQUIRED.

MATERIAL:

BAR STOCK TO CONFORM TO THE LATEST REVISION OF GO TRANSIT TRACK STANDARD OR IN GENERAL WITH LATEST REVISION OF ASTM SPECIFICATION FOR COMMERCIAL QUALITY HOT ROLLED BAR STEEL A-675 :

	MINIMUM	MAXIMUM
CARBON	0.15%	0.25%
MANGANESE	0.30%	0.60%
PHOSPHORUS		0.04%
SULPHUR		0.05%

NON-ISOLATED SW.RODS SHOWN ARE REPLACED BY INSULATED SW.RODS SHOWN ON GTS-341 A/D

METRIC CONVERSION: 1 inch=25.4mm, 1 foot=304.8mm

1	18/07/27	ADDED IMPERIAL TO METRIC CONVERSION NOTE	
No.	Date	Revision	By Approved
Standard		NON- INSULATED SWITCH RODS 100, 115 AND 132LB. RAIL	
Drawn	MG	Checked	GGS
Approved		VP Engineering & Asset Management	
Date		Plan Number	Rev
DEC 15, 2017		GTS-0340	1

REFERENCE: TS-340 A/D

Sheet 1 OF 1