



TURNOUT NO.	SWITCH AREA					CLOSURE AREA											FROG AREA								
	LENGTH OF POINT	LEAD	POINT ANGLE	P.S. TO H.S.	HEEL SPREAD	DISTANCE AND OFFSET FOR CLOSURE RAIL ON GAUGE LINES											FROG ANGLE	FROG TOE SPREAD	FROG HEEL SPREAD	LENGTH OF FROG	TOE OF FROG TO 1/2" POINT	1/2" POINT TO HEEL OF FROG	TOE OF FROG TO END OF CHAIR	LENGTH OF GUARD RAIL	MINIMUM RECOMMENDED SPEEDS (MPH)
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
*16 136LB	38'-9"	118'-5"	0°47'33"	26'-5"	6 1/4"	47'-0 3/4"	1'-1 3/4"	67'-8 1/2"	1'-11 33/64"	88'-4 1/4"	2'-11 37/64"	42'-5"	2240.20'	2°33'-20"	66'	66'-1"	3°34'-47"	9 3/4"	1'-3 3/4"	34'-0"	13'-8"	20'-4"	5'-3"	24'-0"	30

LEGEND

P.S. - POINT OF SWITCH
 P.A. - POINT ANGLE
 H.S. - HEEL OF SWITCH
 B.C. - BEGINNING OF CURVE
 E.C. - END OF CURVE
 P.I. - POINT OF INTERSECTION
 T.F. - TOE OF FROG
 H.F. - HEEL OF FROG
 P.F. - POINT OF FROG
 T.P. - THEORETICAL POINT

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

No.	1	Date	18/07/27	Revision	ADDED IMPERIAL TO METRIC CONVERSION NOTE	By Approved
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Standard / **GEOMETRY FOR NO. 16 ALL WLEDED TURNOUTS**

Drawn MG Checked GGS Approved *[Signature]* VP Engineering & Asset Management



Date SEPT 15/2017 Plan Number GTS-0004A Rev 1

REFERENCE: TS-0004A_R2 Sheet 1 OF 1