





_



MANITOBA	SHEET NO: 3 OF 4	DATE: 2020 - 08
CONSTRAINED WIDTH	DESIGNED BY:	H. LARSEN
CONSTANT SLOPE	DRAWN BY:	L. LIEBRECHT
BARRIER - MEDIAN	REVIEWED BY:	ENJOYABLE
TL-5 AT 1075	TSGM98d	

				MASS					
MARK	TYPE	PIN DIAMETER (mm)		(mm)	kg	INTERIOR	END	BENDING DIAGRAM	
						SEC.	SEC.		
1003	BENT	65		548	0.43	0.36	0.36		
1501	BENT	65		1439		5.65	7.53	51 320 61E E02 422	
1502	BENT	65		604		4.75	6.33		
2001	BENT	125	4173		9.83	24.58			
2002	BENT	125		2285	5.38	13.45	_		
2003	BENT	125		2883	6.79	16.98	22.63		
2005	BENT	125		2196	5.17	12.93	17.23	937 937 925	
		LONGITUDINA	L REINFOR	CING - MASS	(kg/m)				
BAR	11 2		END SECTION	OPTION 1	FO OP	OTING TION 2 OF	PTION 3		
10M		8.24	8.24					6000 	
			-						
15M				19.78		9.89		6000 ↓↓	
20M							19.78	6000	
NOTES								·· · · · · · · · · · · · · · · · · · ·	
 NOTES: ALL DIMENSIONS GIVEN IN BENDING DIAGRAM ARE OUT TO OUT, EXCEPT RADII AND EXTENSIONS ON 90°, 135° & 180° HOOKS. EXTENSIONS ON 90°, 135° & 180° HOOKS ARE THE "A" OR "G" DIMENSIONS FOR THE STANDARD 90°, 135° & 180° HOOKS REFERENCED FROM THE RSIC "MANUAL OF STANDARD PRACTICE". RADII ARE INSIDE DIMENSIONS. ALL REINFORCING STEEL BENDS AND HOOKS SHALL CONFORM TO CLAUSE 6.6.2 OF CSA A23.1 UNLESS NOTED OTHERWISE IN THE BILL OF REINFORCING STEEL. ALL REINFORCING STEEL SHALL BE DEFORMED STEEL UNLESS NOTED OTHERWISE IN THE BILL OF REINFORCING STEEL. ALL REINFORCING STEEL SHALL CONFORM TO CSA G30.18-M92 "BILLET STEEL BARS FOR CONCRETE REINFORCEMENT" GRADE 400W, UNLESS NOTED OTHERWISE IN THE BILL OF REINFORCING STEEL. LIKE BARS SHALL BE BUNDLED, SECURELY TIED, AND IDENTIFIED AS TO MARK NO. BY APPROPRIATE MEANS. ALL OTHER ITEMS TO BE IDENTIFIED IN A SIMILAR FASHION. BARS MARKED WITH THE SUFFIX "P" SHALL BE PLAIN UNDEFORMED BARS IN ACCORDANCE WITH CAN/CSA G40.21-M92 GRADE 300W. ALL BARS SHALL BE BENT IN ACCORDANCE WITH THE FOLLOWING DETAIL: 									
REVISIONS DATE DESCRIPTION BY Infrastru Traffic Engi				Manito Infrastruct Traffic Engine	ba ture ering	REGISTER OF	H.P. ARSEN	MANITOBA CONSTRAINED WIDTH CONSTANT SLOPE BARRIER - MEDIAN TL-5 AT 1075	