

MARK	No. BARS	SIZE	LENGTH	TYPE	A	B	C	D	E	F	G	H	J	K	L	M	O	R	SHAPE	MASS
MEDIAN TRAFFIC BARRIER																				
MB1501	18	15 M	4610	ST.										PANEL TYPE A, J, & K						130.28
MB1502	144		5885											PANEL TYPE B & G						1,330.48
MB1503	12		3910											PANEL TYPE C						73.66
MB1504	12		5240											PANEL TYPE D						98.72
MB1505	12		3500											PANEL TYPE F						65.94
MB1506	6		5485											PANEL TYPE H						51.67
MB1507	12		4075											PANEL TYPE E						76.77
MB1508	367		1545	4			700	145	700			696								890.21
MB1509	734		775	21		300	175	300				246	171							893.09
SIDEWALK																				
S1501	790	15 M	1600	ST.																1,984.48
S1502	144		5885	ST.																1,330.48
S1503	856		850	16		425	425													1,142.33
S1504	88		1075	16		425	650													148.52
S1505	211		6000	ST.																1,987.62
S1506	2		2785																	8.75
S1507	32		5240																	263.26
S1508	3		1200																	5.65
S1509	2		3025																	9.50
S1510	4		1700																	10.68
S1511	2		1885																	5.92
S1512	2		1975																	6.20
S1513	4		4775	21			1246	3529				3500	457							30.00
S1514	168		2200	ST.																580.27
S1515	580		790	19		300	190	300												719.37
RETAINING WALL (HANDRAIL PARAPET)																				
RW1501	319	15 M	1100	16		450	200	450												550.91
RW1502	32		6000	ST.																301.44
RW1503	28		5240	ST.																230.35
RW1504	112		1400	16		600	200	600												246.18
RW1505	52		1600	16		700	200	700												130.62
RW1506	48		5800	ST.																437.09
RW1507	60		1200	16		500	200	500												113.04
RW1508	52		*			*	200	*	*											80.98
RW1509	2		2700	ST.																6.48
RW1510	2		1950																	6.12
RW1511	2		3050																	9.58
RW1512	2		1850																	5.81
RW1513	18		1100	16		200	700	200												31.09
RW1514	4		2800	ST.																17.58
RW1515	60		960	16		380	200	380												90.43
RW1516	120		700	16		250	200	250												131.88
CATCH BASIN																				
CB1001	8	10 M	2100	16		625	850	625												13.19
CB1002	12		3200	T2	100	650	850	650	850	100										30.14
CB1003	12		1900	16		625	850	625												17.90
CB1004	4		1855			300	1110	445												5.82
CB1005	10		1590			445	700	445												12.48
CB1006	6		3820	T2	100	700	1110	700	1110	100										17.99
CB1007	20		700	16		300	400													10.99

MARK	No. BARS	SIZE	LENGTH	TYPE	A	B	C	D	E	F	G	H	J	K	L	M	O	R	SHAPE	MASS
DRAINAGE CHANNEL																				
DC1001	3	10 M	6300	21		200	400	5700											(NOT USED)	14.84
DC1002	3		6500			200	400	5900												15.31
DC1003	3		1560			200	400	960											(NOT USED)	3.67
DC1004	3		1060			200	400	460											(NOT USED)	2.50
DC1005	29		1400			200	1100	150											(NOT USED)	31.87
SLOPE PROTECTION																				
SP1001	6	10 M	7150	ST															(NOT USED)	33.68
SP1002	25		750	18		350	400					160	320						(NOT USED)	14.72
SP1003	6		11500	ST															(NOT USED)	54.17
SP1004	40		1250	ST										(FIELD BEND TO SUIT)					(NOT USED)	39.25
SP1005	12		7500	ST																70.65
SP1006	3		12300	ST																28.97
SP1007	62		1690	15	175	150	550	600	215			535	272							82.25
SP1008	66		5175	ST										(FIELD BEND TO SUIT)						268.12
SP1009	28		1350	2	150	1050						150	150							29.67
SP1010	40		1900	4		800	212	600	212	75										59.66
SP1011	10		9300	ST										(FIELD BEND TO SUIT)						73.00
SP1012	10		9000	ST										(FIELD BEND TO SUIT)						70.65
SP1013	12		8000	ST																75.36
SP1014	12		11375	ST																107.15
SP1015	12		10850	ST																102.21
SP1016	6		11700	ST																55.11
SP1017	66		1124	4		200	212	300	212	200										58.23
																			TOTAL	15 635 kg

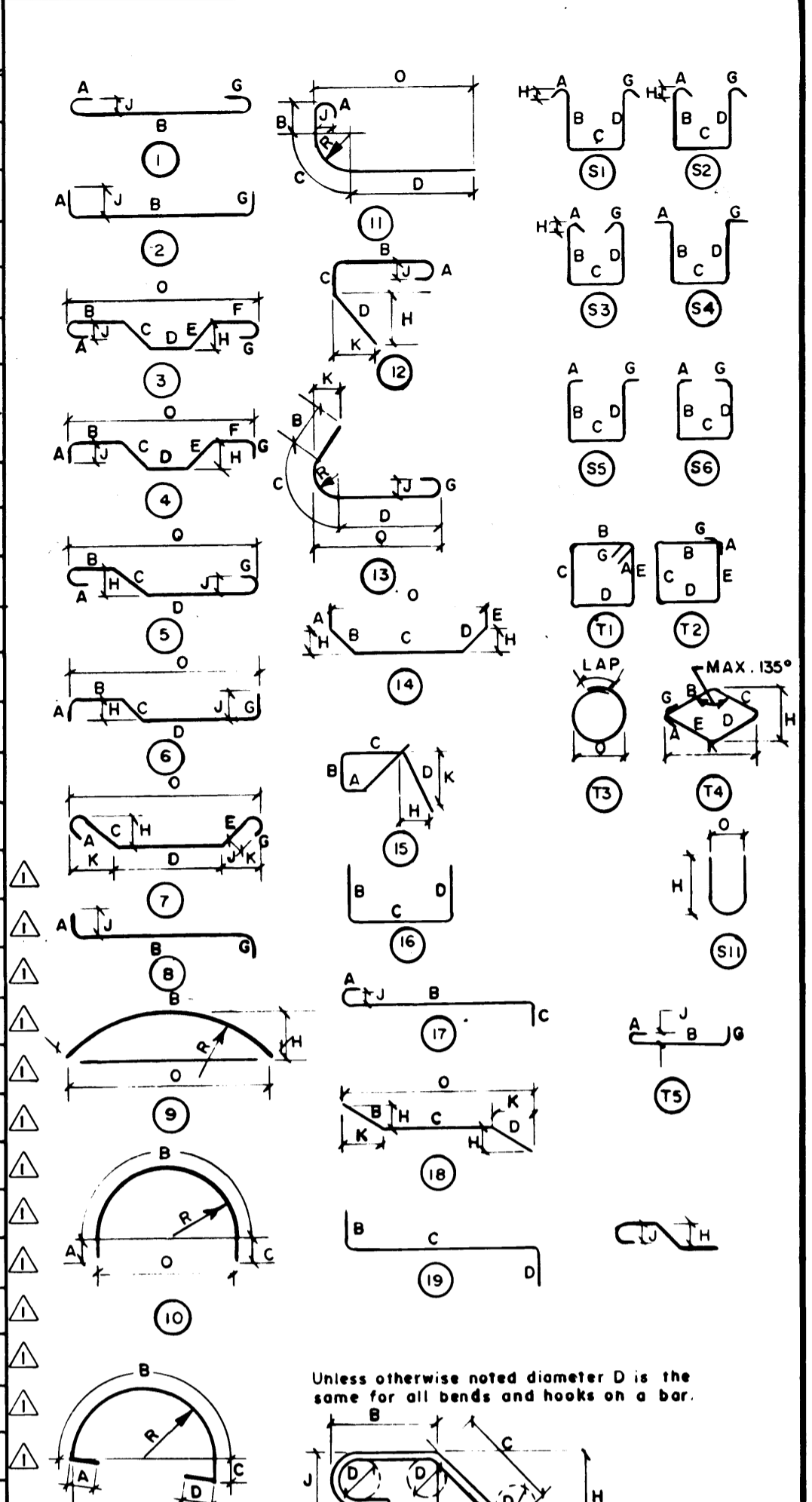
REID, CROWTHER & PARTNERS LIMITED
WINNIPEG

AS CONSTRUCTED

SIC: [Signature] DATE: 12-18-85

ENGINEER'S SEAL

DESIGNED BY:	B. E.	DRAWN BY:	R. C. S.
CHECKED BY:	W. J. M.	DATE:	85 04 30
APPROVED BY:	[Signature]	JOB NO.:	60709-18
		DATE:	85/04/30



- NOTES:**
1. ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180 AND 135 DEG. HOOKS.
 2. "J" DIMENSION ON 180 DEG. HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE OTHERWISE STANDARD HOOKS ARE TO BE USED.
 3. WHERE "J" IS NOT SHOWN "J" WILL BE KEPT EQUAL TO OR LESS THAN "H" ON TRUSS BARS. WHERE "J" CAN EXCEED "H", IT SHOULD BE SHOWN.
 4. "H" DIMENSION ON STIRRUPS TO BE SHOWN WHERE NECESSARY TO FIT WITHIN CONCRETE.
 5. WHERE BARS ARE TO BE BENT MORE ACCURATELY THAN STANDARD BENDING TOLERANCES, BENDING DIMENSIONS WHICH REQUIRE CLOSER SHOULD HAVE LIMITS INDICATED.
 6. FIGURES IN CIRCLES SHOW TYPES.
 7. NO ALLOWANCE FOR BEND CURVATURE HAS BEEN MADE EXCEPT FOR STANDARD HOOK AND RADI IN EXCESS OF SAME.
 8. SPACERS TO BE PROVIDED WITH ALL SPIRALS AS SPECIFIED IN A.C.I. 315-57.
 9. WEIGHT OF SPIRALS, SUPPORT BARS AND SPACERS NOT INCLUDED ON THIS DRAWING.

B-5539-17

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

THE CITY OF WINNIPEG WORKS & OPERATIONS DIVISION STREETS & TRANSPORTATION DEPARTMENT	REINFORCING STEEL SCHEDULE AUTHORIZED BY: [Signature] 1985-04-30 STREETS & BRIDGES ENGINEER DATE
	ACCEPTED BY: [Signature] 1985-04-30 BRIDGE ENGINEER DATE
SCALE:	DRAWING NO. U205-85-17

* VARIES FROM 784 TO 1200

* * VARIES FROM 292 TO 500 IN INCREMENTS OF 16, FOUR OF EACH

NO.	REVISIONS	DATE	APP.
2	AS CONSTRUCTED	OCT. 1985	[Signature]
	BARS ADDED	JULY 20th 82	[Signature]