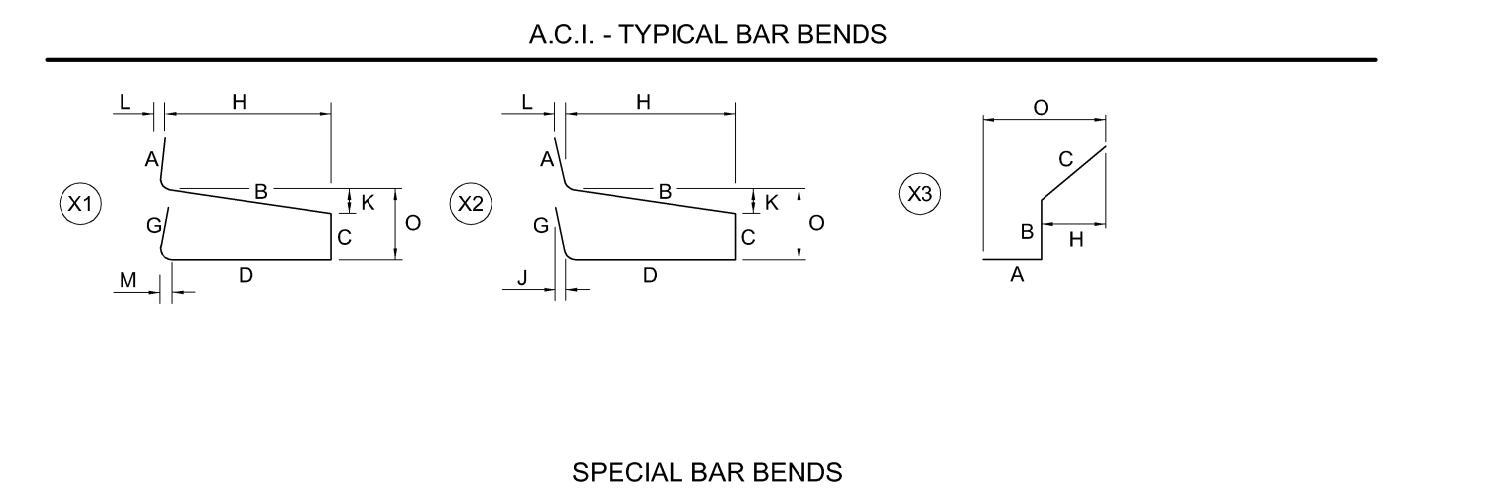
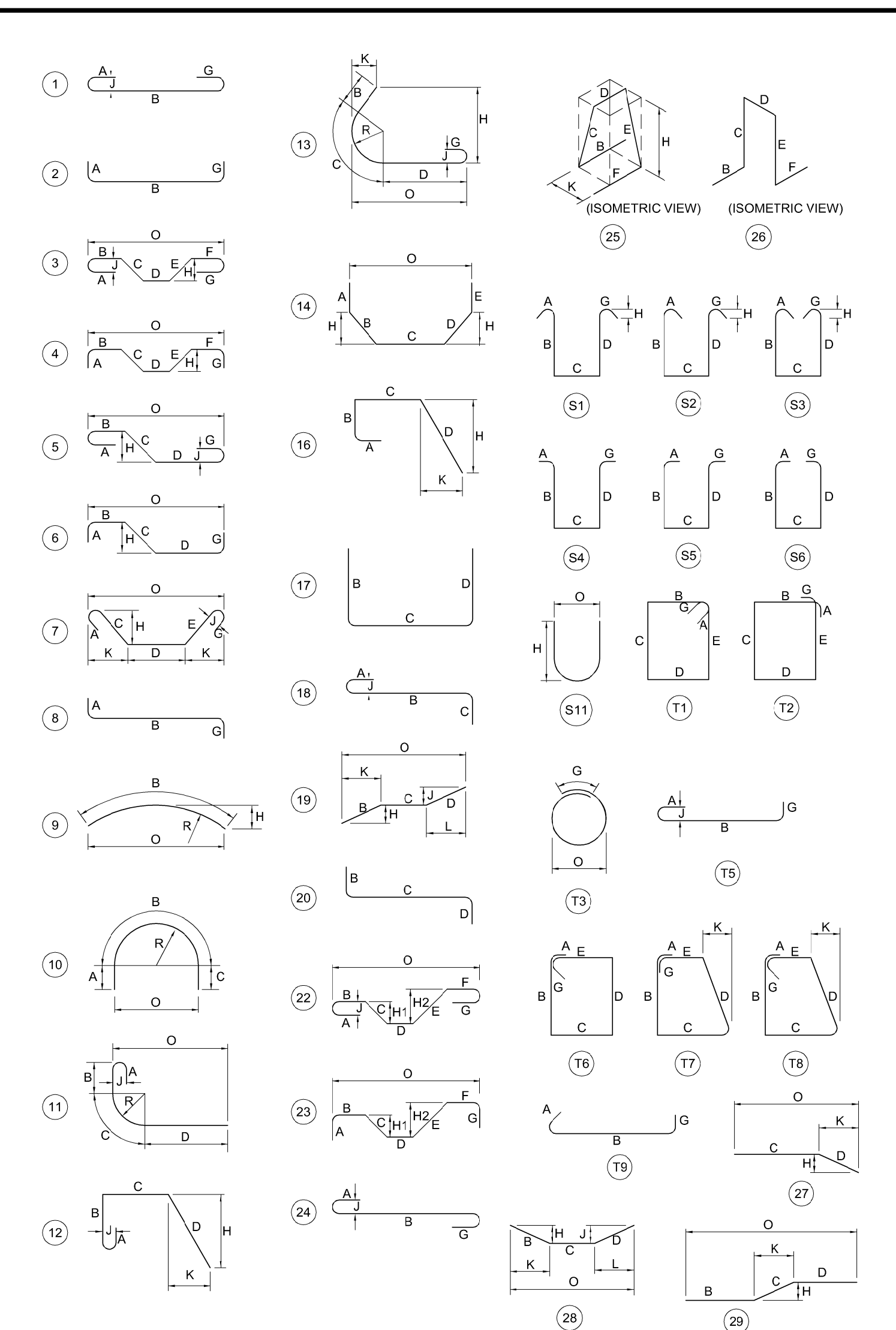


MARKS	NO BARS	SIZE	LENGTH	TYPE	A	B	C	D	E	F	G	H	J	K	L	M	O	R	SHAPE	MASS (kg)
<b>APPROACH</b>																				
S1601S	43	16	2 915	X2	280	265	180	265			1 925	265	195		50			180		197.42
S1602S	58	16	2 385	X2	250	675	160	650			650	650		185				345		217.87
S1603S	58	16	2 385	X1	250	675	160	650			650	650		186				345		217.87
S1604S	58	16	1 105	X3	400	355	350					200						600		100.94
S1605S	58	16	1 145	X3	400	395	350					200						600		104.60
S1606S	48	16	6 630	2	280	6 350														501.23
S1607S	48	16	9 000	STR																680.40
S1608S	46	16	9 280	2	280	9 000														672.34
S1609S	46	16	6 350	STR																460.06
S1610S	94	16	1 550	STR																229.48
S1611S	94	16	5 000	STR																740.25
S1612S	94	16	8 200	STR																1 214.01
S1613S	16	16	6 850	STR																172.62
S1614S	1	16	2 800	X2	280	335	180	335			1 670	335	150		20			180		4.41
S1615S	1	16	2 950	X2	280	410	180	410			1 670	410	110		15			180		4.65
S1616S	1	16	3 090	X2	280	480	180	480			1 670	480	30					180		4.87
S1617S	10	16	3 270	X1	280	555	180	555			1 700	555			17	50		180		51.50
S1618S	47	16	6 850	STR																507.07
S1619S	94	16	5 500	STR																814.28
S1620S	94	16	8 800	STR																1 302.84
S1621S	48	16	8 800	STR																665.28
S1622S	48	16	5 700	1	200	5 500														430.92
S1623S	46	16	5 500	STR																398.48
S1624S	46	16	9 000	1	200	8 800														652.05
S1625S	28	16	710	17		265	180	265												31.31
S1901S	320	19	6 850	STR																4 927.62
S1902S	94	19	4 842	5	200	3 400	492	750									4 600			1 023.17
S1903S	96	19	3 000	STR																647.42
S2501S	340	25	7 400	1	280	6 840					280									10 157.09
S2502S	12	25	7 489	3	280	3 610			304	3 015	280	215					6 840			362.80
TOTAL MASS: TWO APPROACH SLABS (kg)																				27 494.82
<b>SHOULDER BARRIERS</b>																				
B1001S	95	10	760	16		310	140	310				308		35						40.14
B1601S	602	16	1 510	T7		650	210	650					70							1 431.71
B1602S	304	16	2 865	STR																1 371.76
B1603S	32	16	3 450	STR																173.88
B1604S	32	16	865	STR																43.60
B1605S	16	16	3 140	STR																79.13
B1606S	38	16	3 823	STR																228.81
B2501S	138	25	600	STR																334.26
TOTAL MASS: NORTH & SOUTH SHOULDER BARRIERS (kg)																				3 703.29
<b>MEDIAN BARRIER</b>																				
M1601S	301	16	1 790	14		830	130	830			925							300		848.59
M1602S	152	16	2 865	STR																685.88
M1603S	16	16	3 450	STR																86.94
M1604S	16	16	865	STR																21.80
M1605S	8	16	3 140	STR																39.56
M2501S	69	25	600	STR																65.21
TOTAL MASS: MEDIAN BARRIER (kg)																				1 747.98
TOTAL MASS OF STAINLESS STEEL = 32 946.09 kg																				



- NOTES:**
- ALL DIMENSIONS ARE OUT-TO-OUT OF A BAR EXCEPT 'A' AND 'G' ON STANDARD 180° AND 135° HOOKS.
  - 'J' DIMENSION ON 180° HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE, OTHERWISE STANDARD HOOKS ARE TO BE USED.
  - ON TRUSS BARS 'J' WILL BE KEPT EQUAL TO OR LESS THEN 'H'. WHERE 'J' CAN EXCEED 'H' IT SHOULD BE SHOWN.
  - THE STIRRUPS 'H' DIMENSION SHOULD BE SHOWN ONLY WHERE NECESSARY TO FIT WITHIN CONCRETE.
  - CRITICAL DIMENSIONS ARE TO BE IDENTIFIED WHERE BARS ARE TO BE BENT MORE ACCURATELY THAN STANDARD BENDING TOLERANCES.
  - ON TYPE T3 'G' DIMENSION IS EQUAL TO CLASS C SPLICE.
  - FIGURES SHOWN IN CIRCLES SHOW TYPES.
  - ALL BAR BENDS OTHER THAN THE TYPES SHOWN ABOVE MUST BE DESIGNATED TYPE 'X'.
  - 'a' DENOTES LONGER BARS AND SHOULD BE USED FOR THE TOP BECAUSE EXTRA LAP REQUIRED ON TOP.
- UNLESS OTHERWISE NOTED DIAMETER 'D' IS THE SAME FOR ALL HOOKS AND BENDS ON A BAR.
- 
- ENLARGED VIEW SHOWING BAR BENDING DETAILS

G:\CAD\175932\Drawings\Structural\Contract\BRIDGE\CON-REIN\BRIDGE-CON-REIN-SCHEDULE 2.dwg

 Certificate of Authorization <b>Dillon Consulting Limited (MB)</b> No. 1789 Date: 2018/02/09	KGW		 DESIGNED BY: DRA      CHECKED BY: SSR DRAWN BY: CLO / DB      APPROVED BY: MBL HOR. SCALE: AS SHOWN      RELEASED FOR CONSTRUCTION VERTICAL: AS SHOWN		ENGINEER'S SEAL  CONSULTANT PROJECT NUMBER: 17-5932	 <b>THE CITY OF WINNIPEG</b> PUBLIC WORKS DEPARTMENT		CITY DRAWING NUMBER B-118-2017-CS-050
	RCB					<b>FERMOR AVENUE BRIDGE OVER SEINE RIVER</b> BRIDGE RE-HABILITATION, PEDESTRIAN-CYCLIST UNDERPASS STRUCTURE AND ROADWORKS FROM ST. ANNE'S ROAD TO ARCHIBALD STREET		SHEET 050 OF 100
	0 ISSUED FOR TENDER      18/02/09 DRA					BRIDGE STRUCTURE REINFORCING STEEL SCHEDULE 2 OF 2		CONSULTANT DRAWING NUMBER CS - 050
	NO. REVISIONS      DATE BY					DATE: 2018/02/09      DATE:		