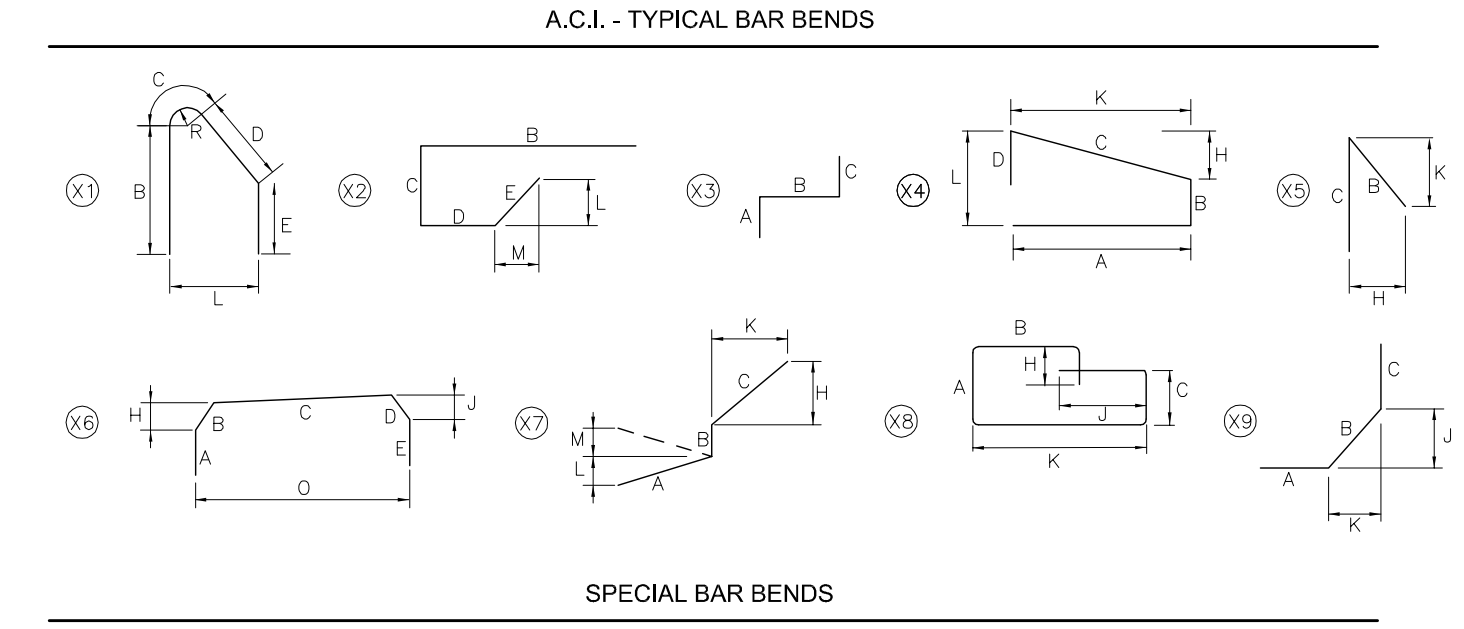
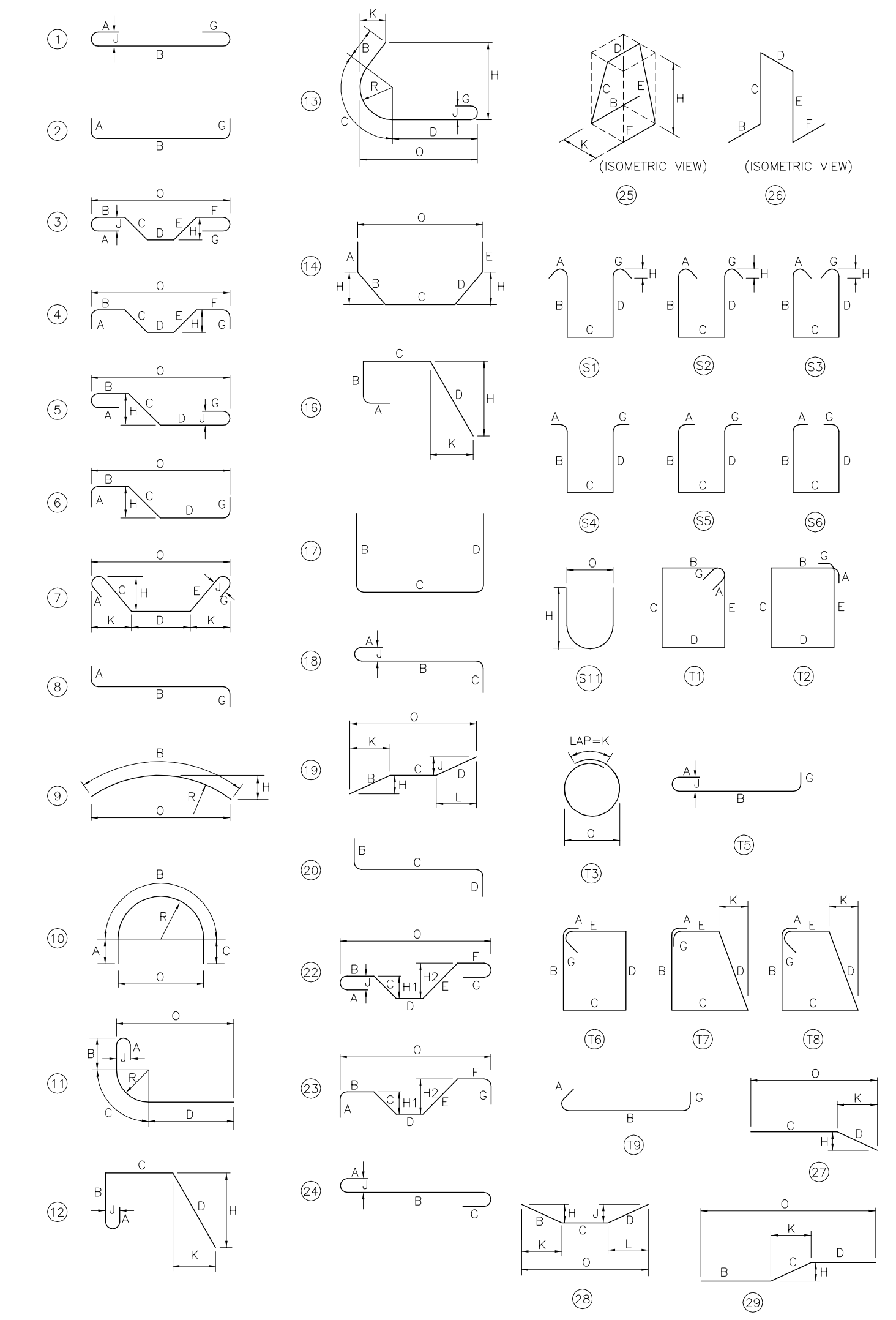


A1 SIZE 23.4" x 33.1" (594mm x 841mm) PLOT: 10/03/24 6:01:00 PM AECOM FILE NAME: 0265-412-00_01-S-0802_RX.dwg Saved By: crossmanc

MARKS	NO BARS	SIZE	LENGTH	TYPE	A	B	C	D	E	F	G	H	J	K	L	M	O	R	SHAPE	MASS (kg)
WEST APPROACH - MMFX-2																				
AP1501X	22	15	3500	STR																120.9
AP1502X	3	15	7495	STR																35.3
AP1503X	5	15	7490	STR																58.8
AP1504X	5	15	7510	STR																59.0
AP1505X	3	15	7470	STR																35.2
AP1506X	3	15	7440	STR																35.0
AP1507X	2	15	7415	STR																23.3
AP1508X	51	15	6125	STR																490.4
AP1509X	3	15	8975	STR																42.2
AP1510X	4	15	8665	STR																54.4
AP1511X	3	15	8690	STR																40.9
AP1512X	11	15	8645	STR																149.2
AP1513X	2	15	665	STR																2.1
AP1514X	4	15	3247	X6	223	243	2315	243	223											20.4
AP1515X	4	15	3662	X6	223	243	2330	243	223											23.0
AP1516X	4	15	3277	X6	223	243	2345	243	223											20.6
AP1517X	4	15	3292	X6	223	243	2360	243	223											20.7
AP1518X	4	15	3307	X6	223	243	2375	243	223											20.8
AP1519X	20	15	3400	STR																106.8
AP1538X	52	15	1500	STR																122.5
AP1539X	1	15	6100	STR																9.6
AP2001X	20	20	12190	1	210	11980														574.1
AP2002X	18	20	4740	1	210	4530														200.9
AP2003X	2	20	4970	1	210	4760														23.4
AP2501X	100	25	6545	1	210	6125						210								2568.9
AP2502X	2	25	1080	1	210	660						210								8.5
AP2503X	1	25	6520	1	210	6100						210								25.6
																				TOTAL 4892.5
EAST APPROACH - MMFX-2																				
AP1520X	11	15	3500	STR																60.4
AP1521X	4	15	7300	STR																45.8
AP1522X	4	15	7315	STR																45.9
AP1523X	11	15	7020	STR																121.2
AP1524X	2	15	7010	STR																22.0
AP1525X	1	15	2220	STR																3.5
AP1526X	51	15	5945	STR																476.0
AP1527X	3	15	8740	STR																41.1
AP1528X	10	15	8430	STR																132.3
AP1529X	2	15	8440	STR																26.5
AP1530X	3	15	8450	STR																39.7
AP1531X	3	15	8470	STR																39.8
AP1532X	1	15	670	STR																1.1
AP1533X	4	15	3277	X6	223	243	2315	243	223											25.7
AP1534X	10	15	3282	X6	223	243	2330	243	223											51.5
AP1535X	5	15	3287	X6	223	243	2345	243	223											25.8
AP1536X	20	15	3300	STR																103.6
AP1537X	51	15	1500	STR																120.1
AP2006X	3	20	12190	1	210	11980														86.1
AP2007X	3	20	4580	1	210	4370														32.4
AP2008X	5	20	12190	1	210	11980														143.5
AP2009X	5	20	4300	1	210	4090														50.6
AP2010X	12	20	12190	1	210	11980														344.5
AP2011X	12	20	4040	1	210	3830														114.2
AP2504X	2	20	2635	1	210	2215						210								20.7
AP2505X	100	20	6365	1	210	5945						210								2498.3
AP2506X	2	20	1070	1	210	650						210								8.4
																				TOTAL 4680.7

MARKS	NO BARS	SIZE	LENGTH	TYPE	A	B	C	D	E	F	G	H	J	K	L	M	O	R	SHAPE	MASS (kg)
BARRIERS AT MSE WALL - MMFX-2																				
BW1501X	120	15	4710	STR																887.4
BW1502X	40	15	4400	STR																276.3
BW1503X	349	15	1780	X4	700	160	720	200				75	715	240						975.3
BW1504X	349	15	1430	X7	675	225	530					435	300	32						783.5
BW1505X	349	15	1020	27			770	250				250	12							558.9
BW1506X	8	15	3930	STR																49.4
																				TOTAL 3530.8
CONCRETE LAYOUT 1 - MMFX-2																				
R15101X	700	15	3200	STR																3516.8
R15102X	336	15	3500	STR																1846.3
R15103X	336	15	1940	STR																1023.3
																				TOTAL 6386.4
CONCRETE LAYOUT 1B - MMFX-2																				
R15101X	47	15	3200	STR																236.1
R15102X	12	15	3500	STR																65.9
R15103X	12	15	1940	STR																36.5
R15104X	6	15	4060	STR																38.2
R15105X	6	15	4000	STR																37.6
R20101X	10	20	4035	STR																63.3
																				TOTAL 604.2
CONCRETE LAYOUT 2 - MMFX-2																				
R15201X	230	15	3155	STR																1139.2
R15202X	24	15	3500	STR																131.8
R15203X	24	15	1600	STR																60.2
																				TOTAL 1331.2
CONCRETE LAYOUT 3 - MMFX-2																				
R15301X	68	15	2900	STR																309.6
R15302X	44	15	3500	STR																241.7
R15303X	44	15	1820	STR																125.7
																				TOTAL 677.0
CONCRETE LAYOUT 3B - MMFX-2																				
R15301X	31	15	2900	STR																141.1
R15302X	11	15	3500	STR																60.4
R15303X	11	15	1820	STR																31.4
R15304X	6	15	3950	STR																37.2
R15305X	5	15	4000	STR																31.4
R20301X	10	20	2900	STR																45.5
																				TOTAL 120.9
R20001X	22	20	1295	2	60	1175						60								120.9
R20002X	11	20	2570	X2		1325	300	520	425						300	300				120.9
																				TOTAL 588.8
DWG TOTAL WEIGHT = 22691.6 kg MMFX-2																				



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 SHOWN TYPES.
- ALL BAR BENDS OTHER THAN THE TYPES SHOWN ABOVE MUST BE DESIGNATED TYPE 'X'.

UNLESS OTHERWISE NOTED DIAMETER D IS THE SAME FOR ALL HOOKS AND BENDS ON A BAR.

ENLARGED VIEW SHOWING BAR BENDING DETAILS

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED UNDERGROUND STRUCTURES		BM 00-000 ELEV 200.000m</
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