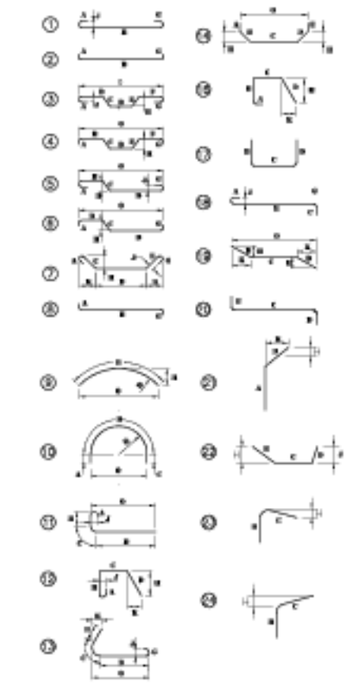
MARK NO.	QUAN.	SIZE	LENGTH	TYPE	A	B	C	D	E	F	G	H	J	K	SHAPE	WEIGHT
WEST SIDEWALK RETAINING WALL																
*WS00001	280	25	950	21		300	1200					225		410		71.4
*WS00002	280	20	1300	ST												1164.4
*WS00003	22	20	1600	ST												91.7
*WS00004	22	20	1375	2												87
*WS00005	4	20	1450	ST												105.1
*WS00006	24	20	750	2												89.2
*WS00007	4	20	1450	ST												105.1
*WS00008	24	20	1175	2												85.1
*WS00009	36	20	1250	ST												136.4
*WS00010	20	20	1375	2												66.1
*WS00011	20	20	1100	ST												54.4
*WS00012	24	20	1375	2												107.1
*WS00013	4	20	1450	ST												105.1
*WS00014	22	20	1375	2												89.2
*WS00015	22	20	1450	ST												105.2
*WS00016	28	20	1775	2												143.6
*WS00017	28	20	1850	ST												139.7
*WS00018	20	20	1775	2												115.8
*WS00019	20	20	1850	ST												106.8
*WS00020	28	20	1775	2												79.3
*WS00021	280	15	2225	17		300	1775	1200								2419.2
*WS00022	4	15	2350	ST												85.1
*WS00023	14	15	1775	2												79.7
*WS00024	4	15	2350	ST												113.2
*WS00025	14	15	1775	2												80.7
*WS00026	4	15	2350	ST												96.5
*WS00027	12	15	1775	2												79.2
*WS00028	2	15	2350	ST												85.5
*WS00029	10	15	2175	2												82.9
*WS00030	8	15	2350	ST												85.1
*WS00031	8	15	2775	2												86.7
*WS00032	4	15	2850	ST												85.1
*WS00033	4	15	2775	2												69.7
*WS00034	4	15	2350	ST												102.5
*WS00035	38	15	1700	17	300	700										60.9
*WS00036	36	15	1375	17	300	800										55.1
*WS00037	20	15	1700	17	300	700										68.0
*WS00038	68	15	1750	17	300	800	225									185.2
*WS00039	38	15	2000	17	700	800										106.9
*WS00040	8	10	2375	2												39.7
*WS00041	6	10	2450	ST												15.2
*WS00042	30	10	2000	2												208.5
*WS00043	186	10	1875	ST												277.2
*WS00044	8	10	2000	2												66.3
*WS00045	10	10	450	ST												11.2
*WS00046	4	10	4250	2												15.2
*WS00047	11	10	14275	ST												139.5
*WS00048	30	10	3450	2												66.4
*WS00049	4	10	2350	ST												9
TOTAL WEST SIDEWALK RETAINING WALL (HOT DIP GALVANIZED)																4,193.7
TOTAL WEST SIDEWALK RETAINING WALL (PLAIN)																1022.2

MARK NO.	QUAN.	SIZE	LENGTH	TYPE	A	B	C	D	E	F	G	H	J	K	SHAPE	WEIGHT
EAST SIDEWALK RETAINING WALL																
ES20001	242	25	2350	21		300	1000					225		410		695.5
ES20002	22	25	850	ST												208.2
ES20003	28	20	1600	ST												96.6
ES20004	22	20	1450	41												88.1
ES20005	22	20	1700	ST												4.8
ES20006	22	20	1750	41												106.2
ES20007	32	20	1850	ST												177.0
ES20008	22	20	1750	41												107.0
ES20009	32	20	1850	ST												177.1
ES20010	22	20	1750	41												107.0
ES20011	32	20	1850	ST												177.0
ES20012	42	20	1750	41												257.4
ES20013	32	20	1850	ST												177.0
ES20014	42	20	1750	41												257.4
ES15001	242	15	1775	1		225	75	225								331.0
ES15002	28	15	2350	ST												171.2
ES15003	4	15	1850	41												169.0
ES15004	24	15	1775	41												261.1
ES15005	4	15	2350	ST												171.2
ES15006	24	15	1850	41												282.8
ES15007	4	15	2350	ST												685.5
ES15008	24	15	1775	41												261.1
ES15009	4	15	2350	ST												342.8
ES15010	8	15	2350	ST												342.8
ES15011	4	15	1775	41												261.1
ES15012	24	15	2350	ST												171.2
ES15013	4	15	1850	41												282.8
ES15014	4	15	2350	ST												342.8
ES15015	4	15	1775	41												261.1
ES15016	24	15	2350	ST												171.2
ES15017	11	15	1850	1		450	450					150		510		346.6
ES15018	22	15	2350	17		300	600									171.1
ES10001	16	10	2350	ST												96.1
*LS10002	24	10	1850	41												170.0
*ES10003	170	10	2350	ST												70.1
LS10004	4	10	1850	41												20.1
ES10005	4	10	1850	ST												13.1
ES10006	32	10	650	ST												11.3
ES10007	4	10	2350	ST												9.2
LS10008	11	10	1850	41												19.2
TOTAL EAST SIDEWALK RETAINING WALL (HOT DIP GALVANIZED)																7,281.8
TOTAL WEST SIDEWALK RETAINING WALL (PLAIN)																4.04

BAR TYPES



NOTE:
MARK NO. WITH * IMPLIES PLAIN STEEL.

2	ISSUED FOR TENDER	07/07/07	MHD
1	ISSUED FOR CITY REVIEW	07/06/07	NBS
NO.	REVISIONS	BASE	BY

DESIGNED BY	NBS/MHD
DRAWN BY	NBS
CHECKED BY	RAW/MHD
REVIEWED BY	SSR
ENG. WORK	N/A
TECHNICAL	
DATE	APRIL 2007

DILLON CONSULTING

RELEASED FOR CONSTRUCTION
ORIGINAL SIGNED BY S. A. KORNIK
DATE

PROVINCE OF MANITOBA — ORIGINAL STAMPED BY S.S. RIHAL 8611707 — REGISTERED PROFESSIONAL ENGINEER

PROVINCE OF MANITOBA — ORIGINAL STAMPED BY A.S. DERAJ 8511707 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NO.
06-7122-2000

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

2007 CAPITAL PROGRAM
ANNABELLA STREET UNDERPASS
RETAINING WALL REHABILITATION
AND ROADWORKS

CITY DRAWING NUMBER: U223-07-12
SHEET: 12 OF 12

REINFORCING STEEL SCHEDULE

BID OPP NO. 291-2007