

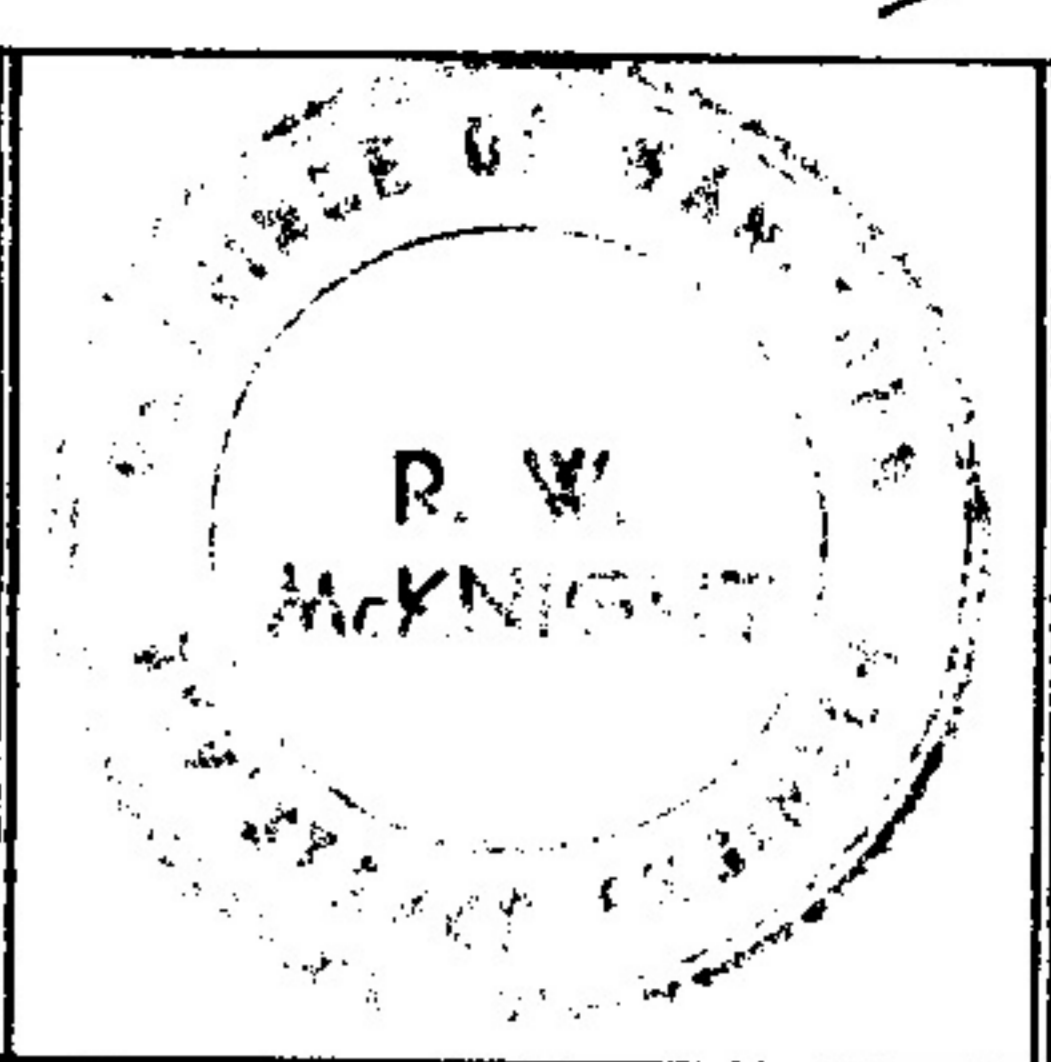
B-5072-54

W. L. WARDROP & ASSOCIATES
 (MANAGEMENT) LTD.
ENGINEERING CONSULTANTS
WINNIPEG PORT ARTHUR

CLIENT: CITY OF WINNIPEG

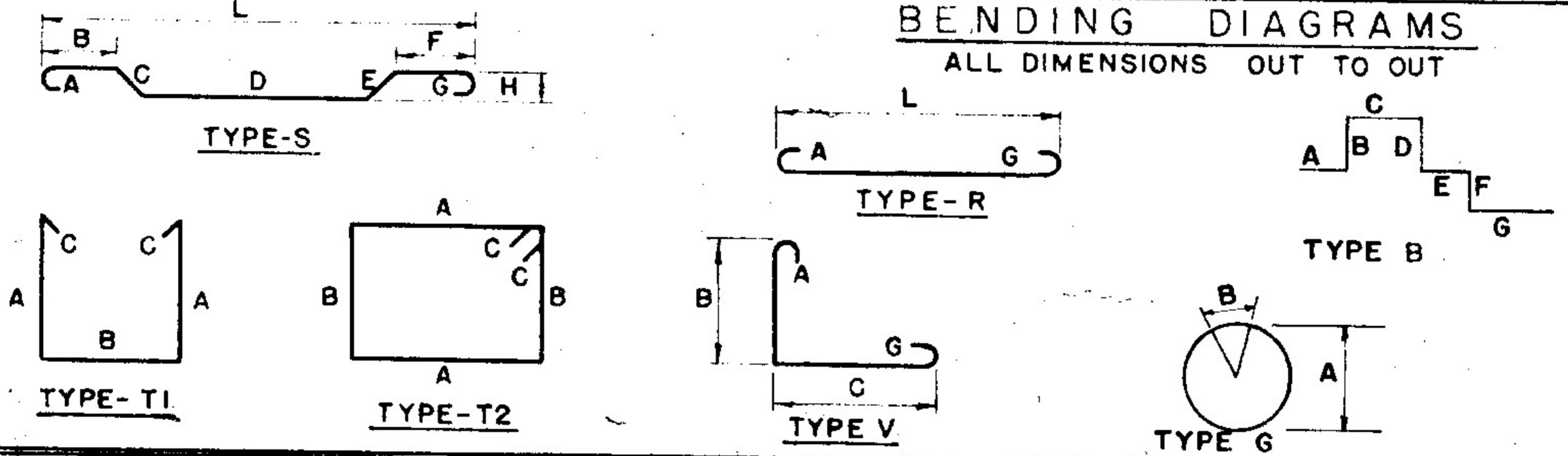
JOB: PORTAGE AVENUE OVERPASS
 POLO PARK DEVELOPMENT

DATE	LISTED BY	CHECKED BY	JOB NO.	SHEET NO.
JULY 31/58	R.W.MPK	H.B.MCL.	5868	4 OF 4
MATERIAL FOR:		PIER COLUMNS & FOOTINGS		
		3 PIERS		
REFER TO DWGS.		NO. 5		
REVISED:				



PLAN NO

BENDING DIAGRAMS
 ALL DIMENSIONS OUT TO OUT



MARK	SIZE	NO. BARS	LENGTH	TYPE	A	B	C	D	E	F	G	H	L	REMARKS OR SHAPE	WEIGHT
PIER COLUMNS															
P-902	#9	240	17'-3"	ST.										—	14076.0
SPIRAL REINF.															
P-410	#4	120	8'-7"	G	*4 AT 2 3/4" PITCH		DIAMETER 2'-4"		HEIGHT 14'-6"					○	4005.0
P-901	#9	240	8'-9"	V		1'-3"	7'-6"							└─	687.8
PIER FOOTINGS															
P-501	#5	123	10'-8"	B		4'-3"	2'-2"	4'-3"						┌─	7140.0
P-801	#8	222	9'-8"	R	10"	8'-0"					10"			┌─	1368.8
P-802	#8	54	26'-0"	ST.										┌─	5731.8
P-803	#8	54	36'-0"	ST.										┌─	3748.8
P-502	#5	123	13'-6"	B		2'-9"	8'-0"	2'-9"						┌─	5190.5
															1731.9
															SHEET TOTAL = 43680.6