



ALUMINUM BALANCED BARRIER BILL OF MATERIALS		
ALL MATERIALS SUPPLIED BY THE CITY OF WINNIPEG EXCEPT FOR WHERE IDENTIFIED BY *. THESE MATERIALS TO BE SUPPLIED BY CONTRACTOR.		
ITEM	QUANTITY (SOUTHBOUND)	QUANTITY (NORTHBOUND)
BARRIER RAIL - 11.43	3	3
BARRIER RAIL - 11.26	1	1
BARRIER RAIL - 11.13	2	2
BARRIER RAIL - 9.46	1	1
BARRIER RAIL - 9.03	1	1
BARRIER POST - 1.60	23	23
RAIL END CAP	4	4
SPLICE BAR	6	6
RAIL CLAMP BAR	92	92
* 13 - 13 X 25 STAINLESS STEEL HEX HEAD CAP SCREWS	184	184
* 27 O.D. X 14 I.D. X 2 THICK STAINLESS STEEL WASHERS	184	184



UNDERGROUND STRUCTURES  SUPV. U/G STRUCTURES DATE	B.M. ELEV.	DESIGNED BY RTP		ENGINEER'S SEAL 		<b>THE CITY OF WINNIPEG</b> PUBLIC WORKS DEPARTMENT	2018 REGIONAL STREET RENEWAL PROJECT McPHILLIPS STREET RECONSTRUCTION AND UNDERPASS STRUCTURAL IMPROVEMENTS LOGAN AVENUE TO JARVIS AVENUE	CITY DRAWING NUMBER U212-18CS-018 -R0
		DRAWN BY TJH						RELEASED FOR CONSTRUCTION DATE
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.		CHECKED BY DRA	CONSULTANT PROJECT NUMBER 17-6152	UNDERPASS-MEDIAN ALUMINUM BARRIER LAYOUT	CONSULTANT DRAWING NUMBER CS-018			
		APPROVED BY TJP				HOR. SCALE AS NOTED VERTICAL AS NOTED		
	0 ISSUED FOR TENDER 18/03/16 TJP							
	NO. REVISIONS DATE BY DATE							

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