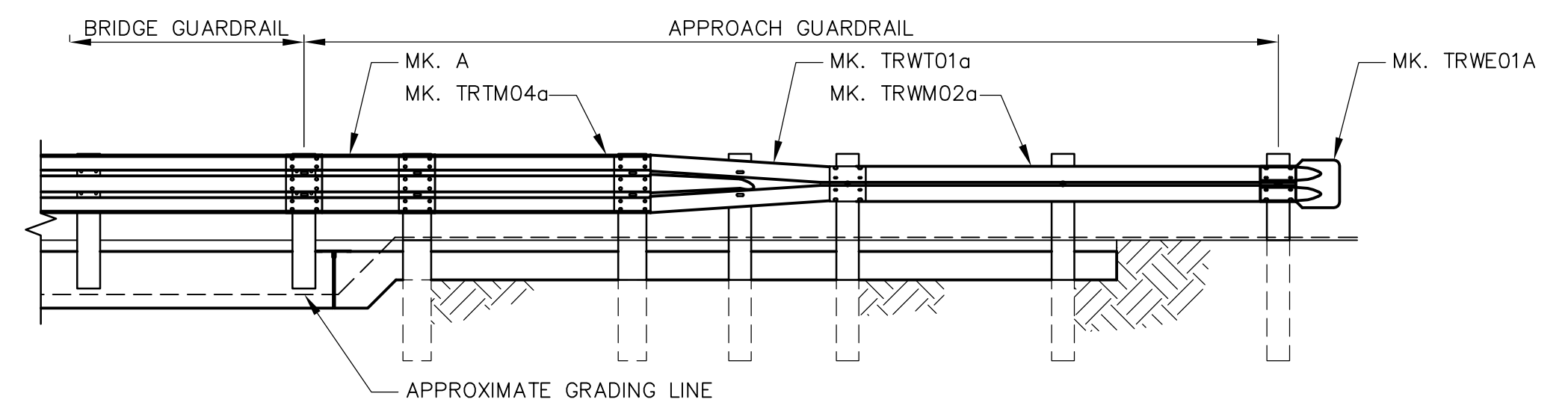
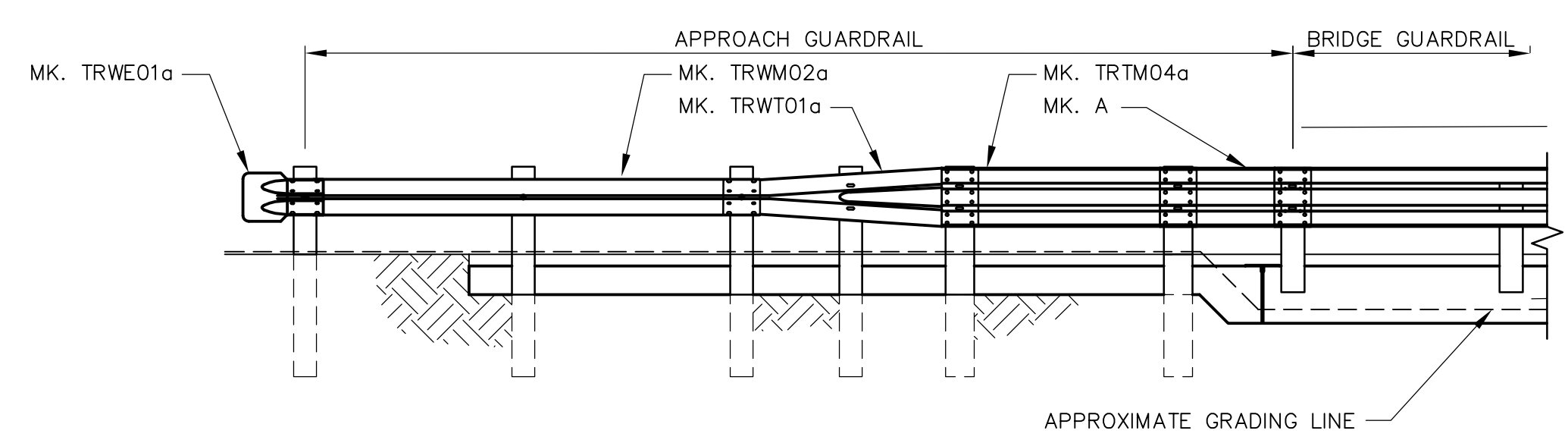


NORTH APPROACH GUARDRAIL PLAN
SCALE 1:50

- NOTES:**
1. THRIE BEAM AND W BEAM SECTIONS SHALL BE JOINED SO THAT THE SPLICES ARE LAPPED TO FLOW WITH THE DIRECTION OF TRAFFIC.
 2. FOR GUARDRAIL DETAILS AND BILL OF MATERIAL SEE WN-S0487.
 3. READ THIS SHEET IN CONJUNCTION WITH THE STANDARD 98PL2 RAIL SYSTEM.
 4. NESTED THRIE BEAM IS TWO SECTIONS OF GUARDRAIL, ONE SET INSIDE THE OTHER.
 5. POST OFFSET DIMENSIONS SHOWN ARE FROM INSIDE FACE OF CURB.
 6. ALL NAILS TO BE GALVANIZED.
 7. ALL SPLICE BOLTS AND HEX. BOLTS (EXCLUDING POST BOLTS) TO BE TORQUED TO 100 Nm.
 8. SEE MTGS GUARDRAIL/POST STANDARD DRAWINGS AT:
www.gov.mb.ca/tgs/TrafEng/Guardrail.html



WEST ELEVATION
SCALE 1:50



EAST ELEVATION
SCALE 1:50

<p>APEGM Certificate of Authorization Earth Tech Canada Inc. No. 730</p>	B.M. ELEV.	<p>Frederickson Cooper ARCHITECTS</p>	<p>A Tyco International Ltd. Company</p>	ENGINEER'S SEAL	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION</p>	
	DESIGNED BY AP/JC			CHECKED BY JC		ORIGINAL SIGNED BY J.N. CRANG
	DRAWN BY KC			APPROVED BY DT		07/11/09
	SCALE: AS NOTED			RELEASED FOR CONSTRUCTION BY: R. SOROKOWSKI		CONSULTANT DRAWING NO. WN-S0486
00 ISSUED FOR TENDER 07/11/09 PAAP	NO. REVISIONS DATE BY	DATE 07/02/14	DATE 07/11/09	STRUCTURAL MIDDLE BRIDGE APPROACH GUARDRAIL LAYOUT AND DETAILS	CITY FILE NUMBER SHEET OF CITY DRAWING NUMBER 1-0601N-A-S0486-001-00D	