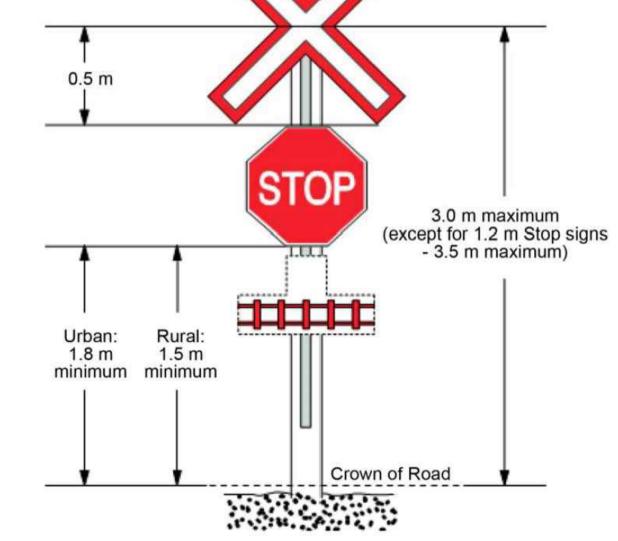
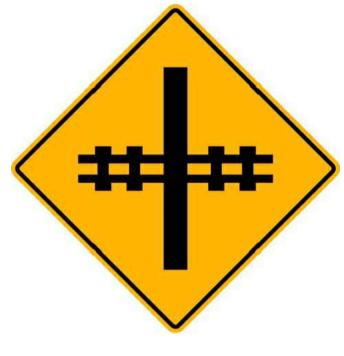




BALLAST -- WOOD TIE FIELD INTERFACE — GAUGE INTERFACE - SLIDER CLAMP DETAIL - MUD RAIL 1:5 (SEE NOTE 2) ,C,



CROSSBUCK DETAIL NOT TO SCALE (SEE NOTE 1)



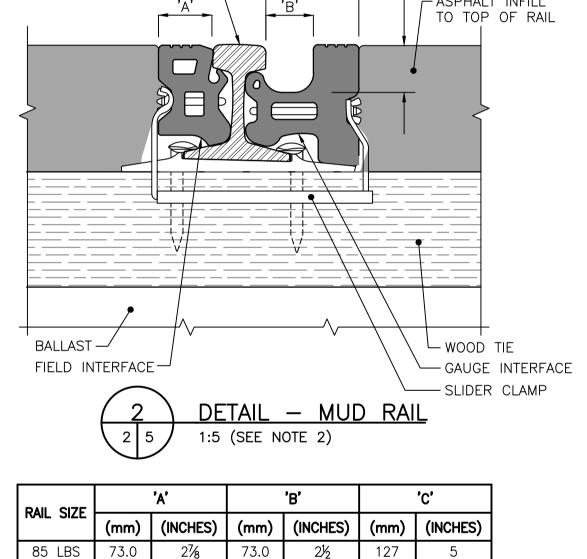
TO INDIAN BAY

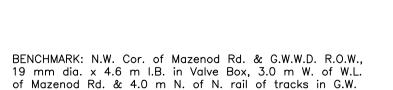
RAILWAY CROSSING SIGNS (WA-18) TO BE INSTALLED 150m NORTH AND SOUTH FROM EDGE OF RAILS IN ACCORDANCE WITH MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA.

RAILWAY CROSSING SIGN (WA-18)

<u>NOTES</u>

- **GENERAL** 1. CROSSING SIGN AS PER CN TS-724.
- 2. THE ASPHALT ROAD-TRACK CROSSING IS TO BE WITH RUBBER MUD RAIL ILF-2212 BY PPI OR APPROVED EQUAL.
- 3. LOCATION OF EACH BUMPING POST DESCRIBED AS FOLLOWS: a.) FACE OF EAST BUMPING POST LOCATED 43.0m FROM CENTERLINE OF ROAD.
- b.) FACE OF WEST BUMPING POST LOCATED 45.0m FROM CENTERLINE OF ROAD. 4. FACE OF BUMPING POST TO BE 15 FEET FROM THE END OF TRACK, WITH 10 TIES IN
- FRONT OF, AND ALL TIES BEHIND IT FULLY ANCHORED. 5. NO CAR IS TO BE SPOTTED WITHIN 30 FEET OF THE BUMPING POST.
- 6. BUMPING POST SHALL BE HAYES TYPE WG OR HD (OR APPROVED EQUAL) FOR THE DESIGNATED RAIL SECTION.
- 7. CONSTRUCTION EQUIPMENT FOR THE PROPOSED TRACK REMOVAL WORK SHALL NOT CROSS OR TRAVEL ALONG EITHER SIDE OF THE AQUEDUCT/FEEDERMAIN WITHIN A LATERAL DISTANCE OF 3.0m OF THE CENTERLINES OF THE AQUEDUCT/FEEDERMAIN.
- 8. REMOVED TRACK MATERIALS (RAILS, TIES, BALLAST, ETC) SHALL NOT BE PLACED ON TOP OF, OR STOCKPILED WITHIN 3.0m OF THE CENTERLINES OF THE AQUEDUCT/FEEDERMAIN.
- 9. DO NOT OPERATE VIBRATORY EQUIPMENT WITHIN 3.0m OF THE AQUEDUCT OR FEEDERMAIN CENTERLINES.







No. 1301

LOCATION APPROVED UNDERGROUND STRUCTURES	B.M. 32-005 ELEV. 231.677			Stantec					
SUPV. U/G STRUCTURES DATE					500 - 311 Portage Avenue, Winnipeg MB Canada www.stantec.com				
NOTE: 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.					DESIGNED BY	E.R.T.	CHECKED BY	S.S.Y.	
					DRAWN BY	J.M.B.	APPROVED BY	E.R.T.	
					HOR. SCALE:	AS NOTED	RELEASED FOR CONSTRUCTION:		
	0	ISSUED FOR TENDER	22.05.17	J.M.B.	VERTICAL:				
	NO.	REVISIONS	DATE	BY	DATE 2022.05.13		DATE		

ENGINEER'S SEAL

CONSULTANT DRAWING NO.

S-104

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT Winnipeg Engineering Division

ST. BONIFACE INDUSTRIAL PARK - PHASE 2 RAY MARIUS ROAD AQUEDUCT BRIDGE

RAIL DETAILS

CAD FILE DRAWING NUMBER 09351s-104-918.dwg CITY DRAWING NUMBER B-254-20-05

19 / 918