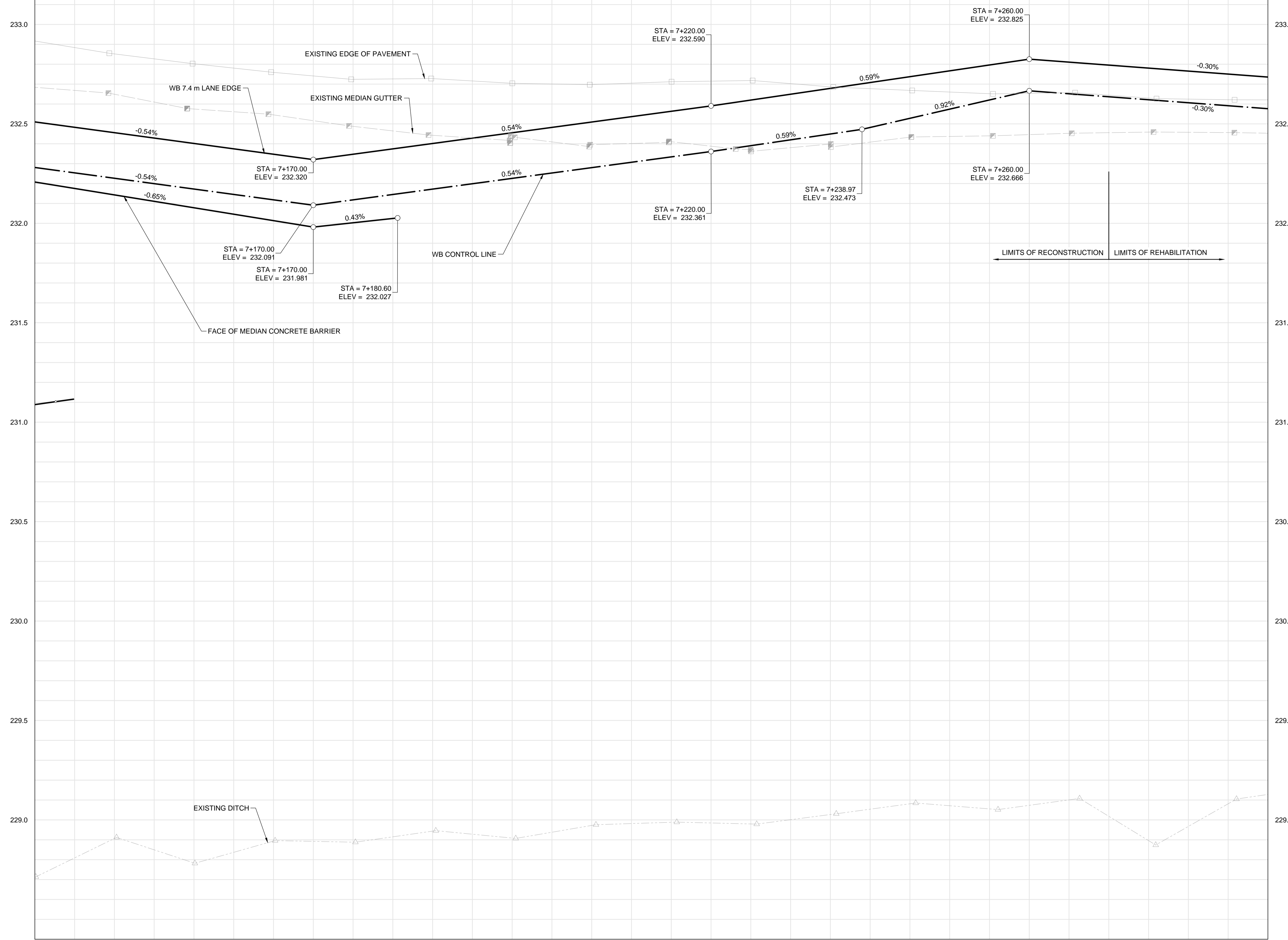


FERMOR AVENUE WESTBOUND



CONSTRUCTION NOTES:

- LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS. CONTRACTOR TO VERIFY ALL UNDERGROUNDS IN THE FIELD.
- ISOLATE MISCELLANEOUS ITEMS IN NEW CONCRETE WORKS AS PER SD-228C.
- CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMIT OF CONSTRUCTION.
- CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO CONTROL EROSION BY USING STRAW WATTLES, AS REQUIRED.
- LOCATION OF ALL EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY CONTRACTOR.
- CONTRACTOR SHALL CONFIRM EXISTING LEAD INVERT ELEVATIONS PRIOR TO INSTALLATION.
- ADJUST MH AND CB RIMS TO NEW GRADES.
- REFER TO LAND DRAINAGE DRAWINGS FOR ADDITIONAL UNDERGROUND INFORMATION REGARDING MANHOLES, CATCH BASINS, CULVERT ELEVATIONS, AND OUTLET DETAILS.
- REFER TO LANDSCAPE DRAWINGS FOR DETAILS ON ISLANDS, AND ADDITIONAL SURFACE WORK DETAILS.

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
- OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.



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<table border="1"> <tr><td>150 WM</td><td>WATERMAIN</td><td>150 WM</td></tr> <tr><td>HYDRANT</td><td>HYDRANT</td><td>HYDRANT</td></tr> <tr><td>VALVE</td><td>VALVE</td><td>VALVE</td></tr> <tr><td>MANHOLE</td><td>MANHOLE</td><td>MANHOLE</td></tr> <tr><td>CATCH BASIN</td><td>CATCH BASIN</td><td>CATCH BASIN</td></tr> <tr><td>CURB INLET</td><td>CURB INLET</td><td>CURB INLET</td></tr> <tr><td>300 LDS</td><td>LAND DRAINAGE SEWER</td><td>300 LDS</td></tr> <tr><td>250 WWS</td><td>WASTE WATER SEWER</td><td>250 WWS</td></tr> <tr><td>HYDRO</td><td>HYDRO</td><td>HYDRO</td></tr> <tr><td>M.T.S.</td><td>M.T.S.</td><td>M.T.S.</td></tr> <tr><td>100 GAS</td><td>GAS</td><td>100 GAS</td></tr> </table>		150 WM	WATERMAIN	150 WM	HYDRANT	HYDRANT	HYDRANT	VALVE	VALVE	VALVE	MANHOLE	MANHOLE	MANHOLE	CATCH BASIN	CATCH BASIN	CATCH BASIN	CURB INLET	CURB INLET	CURB INLET	300 LDS	LAND DRAINAGE SEWER	300 LDS	250 WWS	WASTE WATER SEWER	250 WWS	HYDRO	HYDRO	HYDRO	M.T.S.	M.T.S.	M.T.S.	100 GAS	GAS	100 GAS	<table border="1"> <tr><td>CONCRETE</td><td>CONCRETE</td></tr> <tr><td>ASPHALT</td><td>ASPHALT</td></tr> <tr><td>PLANING</td><td>PLANING</td></tr> <tr><td>SIDEWALK</td><td>SIDEWALK</td></tr> <tr><td>PAVING STONES</td><td>PAVING STONES</td></tr> <tr><td>PARTIAL DEPTH REPAIR</td><td>PARTIAL DEPTH REPAIR</td></tr> <tr><td>PROPERTY LINE</td><td>PROPERTY LINE</td></tr> <tr><td>DRAINAGE ARROW</td><td>DRAINAGE ARROW</td></tr> <tr><td>CURB RAMP (SD-229C)</td><td>CURB RAMP (SD-229C)</td></tr> <tr><td>DETECTABLE WARNING SURFACE TILE (SD-229AA)</td><td>DETECTABLE WARNING SURFACE TILE (SD-229AA)</td></tr> </table>		CONCRETE	CONCRETE	ASPHALT	ASPHALT	PLANING	PLANING	SIDEWALK	SIDEWALK	PAVING STONES	PAVING STONES	PARTIAL DEPTH REPAIR	PARTIAL DEPTH REPAIR	PROPERTY LINE	PROPERTY LINE	DRAINAGE ARROW	DRAINAGE ARROW	CURB RAMP (SD-229C)	CURB RAMP (SD-229C)	DETECTABLE WARNING SURFACE TILE (SD-229AA)	DETECTABLE WARNING SURFACE TILE (SD-229AA)	<table border="1"> <tr><td>150 WM</td><td>WATERMAIN</td><td>150 WM</td></tr> <tr><td>300 LDS</td><td>LAND DRAINAGE SEWER</td><td>300 LDS</td></tr> <tr><td>250 WWS</td><td>WASTE WATER SEWER</td><td>250 WWS</td></tr> <tr><td>HYDRANT</td><td>HYDRANT</td><td>HYDRANT</td></tr> <tr><td>VALVE</td><td>VALVE</td><td>VALVE</td></tr> <tr><td>Q PROFILE</td><td>Q PROFILE</td><td>Q PROFILE</td></tr> <tr><td>NORTH/WEST GUTTER</td><td>NORTH/WEST GUTTER</td><td>NORTH/WEST GUTTER</td></tr> <tr><td>SOUTH/EAST GUTTER</td><td>SOUTH/EAST GUTTER</td><td>SOUTH/EAST GUTTER</td></tr> <tr><td>NORTH/WEST DITCH</td><td>NORTH/WEST DITCH</td><td>NORTH/WEST DITCH</td></tr> <tr><td>SOUTH/EAST DITCH</td><td>SOUTH/EAST DITCH</td><td>SOUTH/EAST DITCH</td></tr> </table>		150 WM	WATERMAIN	150 WM	300 LDS	LAND DRAINAGE SEWER	300 LDS	250 WWS	WASTE WATER SEWER	250 WWS	HYDRANT	HYDRANT	HYDRANT	VALVE	VALVE	VALVE	Q PROFILE	Q PROFILE	Q PROFILE	NORTH/WEST GUTTER	NORTH/WEST GUTTER	NORTH/WEST GUTTER	SOUTH/EAST GUTTER	SOUTH/EAST GUTTER	SOUTH/EAST GUTTER	NORTH/WEST DITCH	NORTH/WEST DITCH	NORTH/WEST DITCH	SOUTH/EAST DITCH	SOUTH/EAST DITCH	SOUTH/EAST DITCH	<p>UNDERGROUND STRUCTURES</p> <p>SUPV. U/G STRUCTURES DATE</p> <p>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.</p>		<table border="1"> <tr><td>B.M. ELEV.</td><td>SEE SHEET CT-001 FOR CONTROL POINT INFORMATION</td></tr> <tr><td>DESIGNED BY</td><td>JAT</td></tr> <tr><td>DRAWN BY</td><td>TJH</td></tr> <tr><td>CHECKED BY</td><td>JNC</td></tr> <tr><td>APPROVED BY</td><td>JNC</td></tr> <tr><td>HOR. SCALE</td><td>1:250</td></tr> <tr><td>VERTICAL</td><td>1:10</td></tr> <tr><td>RELEASSED FOR CONSTRUCTION</td><td>DATE</td></tr> </table>		B.M. ELEV.	SEE SHEET CT-001 FOR CONTROL POINT INFORMATION	DESIGNED BY	JAT	DRAWN BY	TJH	CHECKED BY	JNC	APPROVED BY	JNC	HOR. SCALE	1:250	VERTICAL	1:10	RELEASSED FOR CONSTRUCTION	DATE	<p>ENGINEER'S SEAL</p> <p>PROVINCE OF MANITOBA</p> <p>J.N. CRANG</p> <p>REGISTERED PROFESSIONAL ENGINEER</p> <p>CONSULTANT PROJECT NUMBER</p> <p>17-5932</p>		<p>THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT</p> <p>FERMOR AVENUE BRIDGE OVER SEINE RIVER</p> <p>BRIDGE REHABILITATION, PEDESTRIAN-CYCLIST UNDERPASS STRUCTURE AND ROADWORKS FROM ST. ANNE'S ROAD TO ARCHIBALD STREET</p> <p>FERMOR AVENUE - STA. 5+135 TO 5+290 (WB PROFILE)</p>		<p>CITY DRAWING NUMBER</p> <p>P-3489-2017-CT-027</p> <p>SHEET 027 OF 067</p> <p>CONSULTANT DRAWING NUMBER</p> <p>CT-027</p>	
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