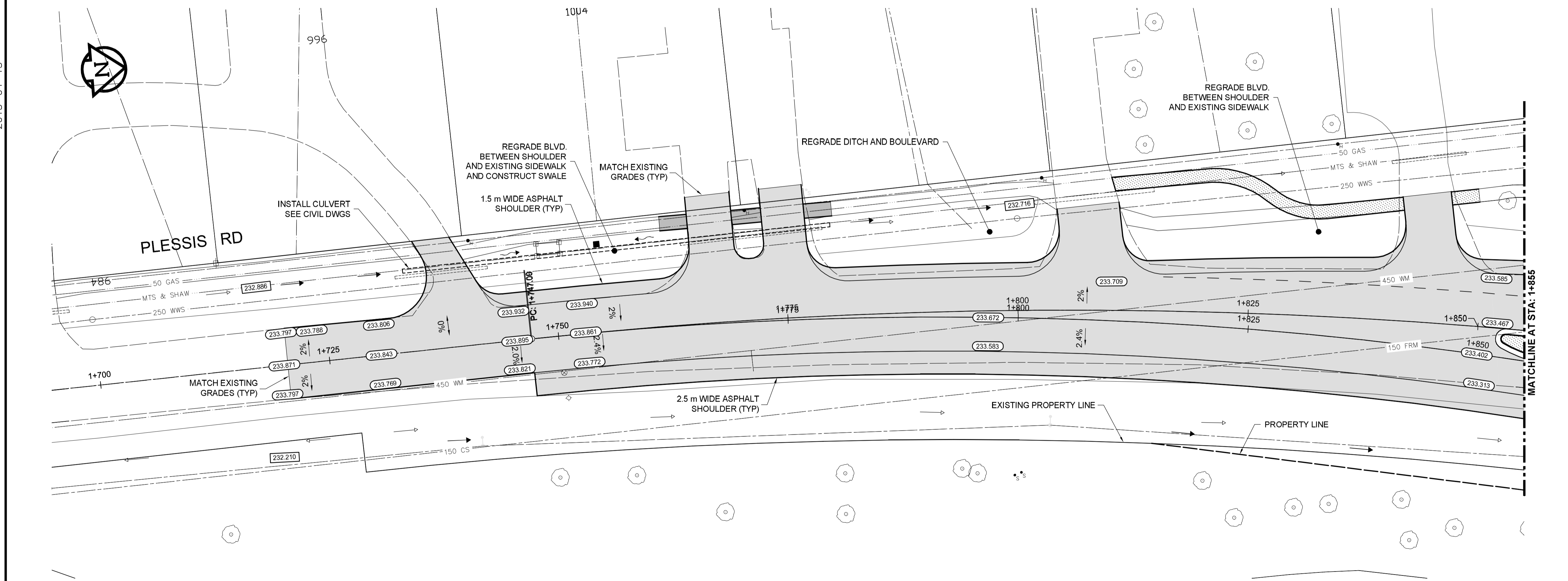


- CONSTRUCTION NOTES:**
1. CONTRACTOR SHALL TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO EXISTING BOULEVARDS AND TREES WITHIN THE LIMITS OF CONSTRUCTION.
  2. LOCATION OF EXISTING SERVICES ARE TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
  3. TIE-INS TO BE VERIFIED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
  4. LIMITS OF SIDEWALK RENEWALS TO BE FINALIZED IN THE FIELD BY THE CONTRACT ADMINISTRATOR.
  5. FOR ADJUSTMENTS AND REMOVALS SEE SHEETS CT-0002 TO CT-0010.
  6. DITCH GRADING TO BE FINALIZED IN FIELD BY CONTRACT ADMINISTRATOR.
  7. INSTALL 18 m OF 150 mm SUB DRAIN TO CATCH BASINS IN BOTH DIRECTIONS PARALLEL TO ROADWAY AS PER SD-245 AND CAP ENDS.
  8. INSTALL 100 m OF 150 mm SUB DRAIN ON EITHER SIDE OF PLESSIS UNDERPASS LOW POINT. (LOWEST PAVEMENT EDGE ONLY)
  9. SEE CIVIL DRAWINGS FOR ALL CATCH BASIN AND CULVERT INFORMATION.
  10. INSTALL MODIFIED BARRIER CURB (SD-203B) ON ALL CONCRETE APPROACH RADII.
  11. EXCAVATION SLOPES ON EITHER SIDE OF THE RAIL SHOFLY SHALL BE AS DIRECTED IN THE GEOTECHNICAL MEMO WITHIN THE BID OPPORTUNITY.
  12. NO VIBRATORY COMPACTION OVER OIL LINES.



**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMAL NUMBERS INDICATE METRES

**WARNING**

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

1. NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2. TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 140/22 FOR DETAILS.
3. OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.



<table border="1"> <tr> <td>150 WM</td> <td>WATERMAIN</td> <td>150 WM</td> <td>HYDRO</td> <td>HYDRO</td> <td>150 WM</td> <td>WATERMAIN</td> <td>150 WM</td> </tr> <tr> <td>HYDRANT</td> <td>HYDRANT</td> <td>MTS</td> <td>MTS</td> <td>CONCRETE</td> <td>HYDRANT</td> <td>HYDRANT</td> <td>VALVE</td> </tr> <tr> <td>VALVE</td> <td>VALVE</td> <td>300 LDS</td> <td>300 LDS</td> <td>ASPHALT</td> <td>LAND DRAINAGE SEWER</td> <td>LAND DRAINAGE SEWER</td> <td>LAND DRAINAGE SEWER</td> </tr> <tr> <td>LAND DRAINAGE SEWER</td> <td>LAND DRAINAGE SEWER</td> <td>250 WWS</td> <td>250 WWS</td> <td>PLANING</td> <td>WASTE WATER SEWER</td> <td>WASTE WATER SEWER</td> <td>WASTE WATER SEWER</td> </tr> <tr> <td>WASTE WATER SEWER</td> <td>WASTE WATER SEWER</td> <td>MANHOLE</td> <td>MANHOLE</td> <td>SIDEWALK</td> <td>MANHOLE</td> <td>MANHOLE</td> <td>MANHOLE</td> </tr> <tr> <td>MANHOLE</td> <td>MANHOLE</td> <td>CATCH BASIN</td> <td>CATCH BASIN</td> <td>PAVING STONES</td> <td>CATCH BASIN</td> <td>CATCH BASIN</td> <td>CATCH BASIN</td> </tr> <tr> <td>CATCH BASIN</td> <td>CATCH BASIN</td> <td>CURB INLET</td> <td>CURB INLET</td> <td>PROPERTY LINE</td> <td>CURB INLET</td> <td>CURB INLET</td> <td>CURB INLET</td> </tr> <tr> <td>CURB INLET</td> <td>CURB INLET</td> <td>JUNCTIONS</td> <td>JUNCTIONS</td> <td>DRAINAGE SWALE</td> <td>JUNCTIONS</td> <td>JUNCTIONS</td> <td>JUNCTIONS</td> </tr> <tr> <td>JUNCTIONS</td> <td>JUNCTIONS</td> <td>CULVERT</td> <td>CULVERT</td> <td>DRAINAGE ARROW</td> <td>CULVERT</td> <td>CULVERT</td> <td>CULVERT</td> </tr> <tr> <td>CULVERT</td> <td>CULVERT</td> <td>100 GAS</td> <td>100 GAS</td> <td>CURB RAMP</td> <td>100 GAS</td> <td>100 GAS</td> <td>100 GAS</td> </tr> <tr> <td>100 GAS</td> <td>100 GAS</td> <td>EXISTING</td> <td>EXISTING</td> <td>LEGEND-PLAN</td> <td>LEGEND-PLAN</td> <td>LEGEND-PROFILE</td> <td>LEGEND-PROFILE</td> </tr> <tr> <td>EXISTING</td> <td>LEGEND-PLAN</td> <td>PROPOSED</td> <td>EXISTING</td> <td>PROPOSED</td> <td>EXISTING</td> <td>PROPOSED</td> <td>PROPOSED</td> </tr> </table>		150 WM	WATERMAIN	150 WM	HYDRO	HYDRO	150 WM	WATERMAIN	150 WM	HYDRANT	HYDRANT	MTS	MTS	CONCRETE	HYDRANT	HYDRANT	VALVE	VALVE	VALVE	300 LDS	300 LDS	ASPHALT	LAND DRAINAGE SEWER	LAND DRAINAGE SEWER	LAND DRAINAGE SEWER	LAND DRAINAGE SEWER	LAND DRAINAGE SEWER	250 WWS	250 WWS	PLANING	WASTE WATER SEWER	WASTE WATER SEWER	WASTE WATER SEWER	WASTE WATER SEWER	WASTE WATER SEWER	MANHOLE	MANHOLE	SIDEWALK	MANHOLE	MANHOLE	MANHOLE	MANHOLE	MANHOLE	CATCH BASIN	CATCH BASIN	PAVING STONES	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CATCH BASIN	CURB INLET	CURB INLET	PROPERTY LINE	CURB INLET	CURB INLET	CURB INLET	CURB INLET	CURB INLET	JUNCTIONS	JUNCTIONS	DRAINAGE SWALE	JUNCTIONS	JUNCTIONS	JUNCTIONS	JUNCTIONS	JUNCTIONS	CULVERT	CULVERT	DRAINAGE ARROW	CULVERT	CULVERT	CULVERT	CULVERT	CULVERT	100 GAS	100 GAS	CURB RAMP	100 GAS	100 GAS	100 GAS	100 GAS	100 GAS	EXISTING	EXISTING	LEGEND-PLAN	LEGEND-PLAN	LEGEND-PROFILE	LEGEND-PROFILE	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED	PROPOSED	<p><b>LOCATION APPROVED UNDERGROUND STRUCTURES</b></p> <p>SUPV. U/G STRUCTURES COMMITTEE DATE</p> <p>NOTE: LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN 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>	<p><b>B.M. ELEV.</b></p> <table border="1"> <tr> <td>NO.</td> <td>ISSUED FOR TENDER</td> <td>2013/11/21</td> <td>TJP</td> </tr> <tr> <td>NO.</td> <td>REVISIONS</td> <td>DATE</td> <td>BY</td> </tr> </table>	NO.	ISSUED FOR TENDER	2013/11/21	TJP	NO.	REVISIONS	DATE	BY	<p><b>DILLON CONSULTING</b></p> <table border="1"> <tr> <td>DESIGNED BY</td> <td>RTP</td> <td>CHECKED BY</td> <td>TJP</td> </tr> <tr> <td>DRAWN BY</td> <td>TJH</td> <td>APPROVED BY</td> <td>DPK</td> </tr> <tr> <td>HOR. SCALE:</td> <td>1:250</td> <td>RELEASED FOR CONSTRUCTION BY:</td> <td></td> </tr> <tr> <td>VERTICAL:</td> <td>1:10</td> <td>DATE</td> <td>2013/11/21</td> </tr> </table>	DESIGNED BY	RTP	CHECKED BY	TJP	DRAWN BY	TJH	APPROVED BY	DPK	HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:		VERTICAL:	1:10	DATE	2013/11/21	<p><b>ENGINEER'S SEAL</b></p> <p>PROVINCE OF MANITOBA REGISTERED PROFESSIONAL ENGINEER T.J. PETERS 2013/11/21 Member 22309</p> <p>CONSULTANT DRAWING NO. 12-6576-CT-0022</p>	<p><b>THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT</b></p> <p>PLESSIS ROAD TWINNING AND GRADE SEPARATION AT CN REDDITT SUBDIVISION CONTRACT 3</p> <p>PLAN-PROFILE - PLESSIS - STA. 1+685 TO 1+845 (SOUTHBOUND)</p> <p>CITY DRAWING NUMBER U238-2014-2122 SHEET 22 OF 66</p> <p>CT-0022</p>
150 WM	WATERMAIN	150 WM	HYDRO	HYDRO	150 WM	WATERMAIN	150 WM																																																																																																																							
HYDRANT	HYDRANT	MTS	MTS	CONCRETE	HYDRANT	HYDRANT	VALVE																																																																																																																							
VALVE	VALVE	300 LDS	300 LDS	ASPHALT	LAND DRAINAGE SEWER	LAND DRAINAGE SEWER	LAND DRAINAGE SEWER																																																																																																																							
LAND DRAINAGE SEWER	LAND DRAINAGE SEWER	250 WWS	250 WWS	PLANING	WASTE WATER SEWER	WASTE WATER SEWER	WASTE WATER SEWER																																																																																																																							
WASTE WATER SEWER	WASTE WATER SEWER	MANHOLE	MANHOLE	SIDEWALK	MANHOLE	MANHOLE	MANHOLE																																																																																																																							
MANHOLE	MANHOLE	CATCH BASIN	CATCH BASIN	PAVING STONES	CATCH BASIN	CATCH BASIN	CATCH BASIN																																																																																																																							
CATCH BASIN	CATCH BASIN	CURB INLET	CURB INLET	PROPERTY LINE	CURB INLET	CURB INLET	CURB INLET																																																																																																																							
CURB INLET	CURB INLET	JUNCTIONS	JUNCTIONS	DRAINAGE SWALE	JUNCTIONS	JUNCTIONS	JUNCTIONS																																																																																																																							
JUNCTIONS	JUNCTIONS	CULVERT	CULVERT	DRAINAGE ARROW	CULVERT	CULVERT	CULVERT																																																																																																																							
CULVERT	CULVERT	100 GAS	100 GAS	CURB RAMP	100 GAS	100 GAS	100 GAS																																																																																																																							
100 GAS	100 GAS	EXISTING	EXISTING	LEGEND-PLAN	LEGEND-PLAN	LEGEND-PROFILE	LEGEND-PROFILE																																																																																																																							
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED	PROPOSED																																																																																																																							
NO.	ISSUED FOR TENDER	2013/11/21	TJP																																																																																																																											
NO.	REVISIONS	DATE	BY																																																																																																																											
DESIGNED BY	RTP	CHECKED BY	TJP																																																																																																																											
DRAWN BY	TJH	APPROVED BY	DPK																																																																																																																											
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:																																																																																																																												
VERTICAL:	1:10	DATE	2013/11/21																																																																																																																											

2013-04-15