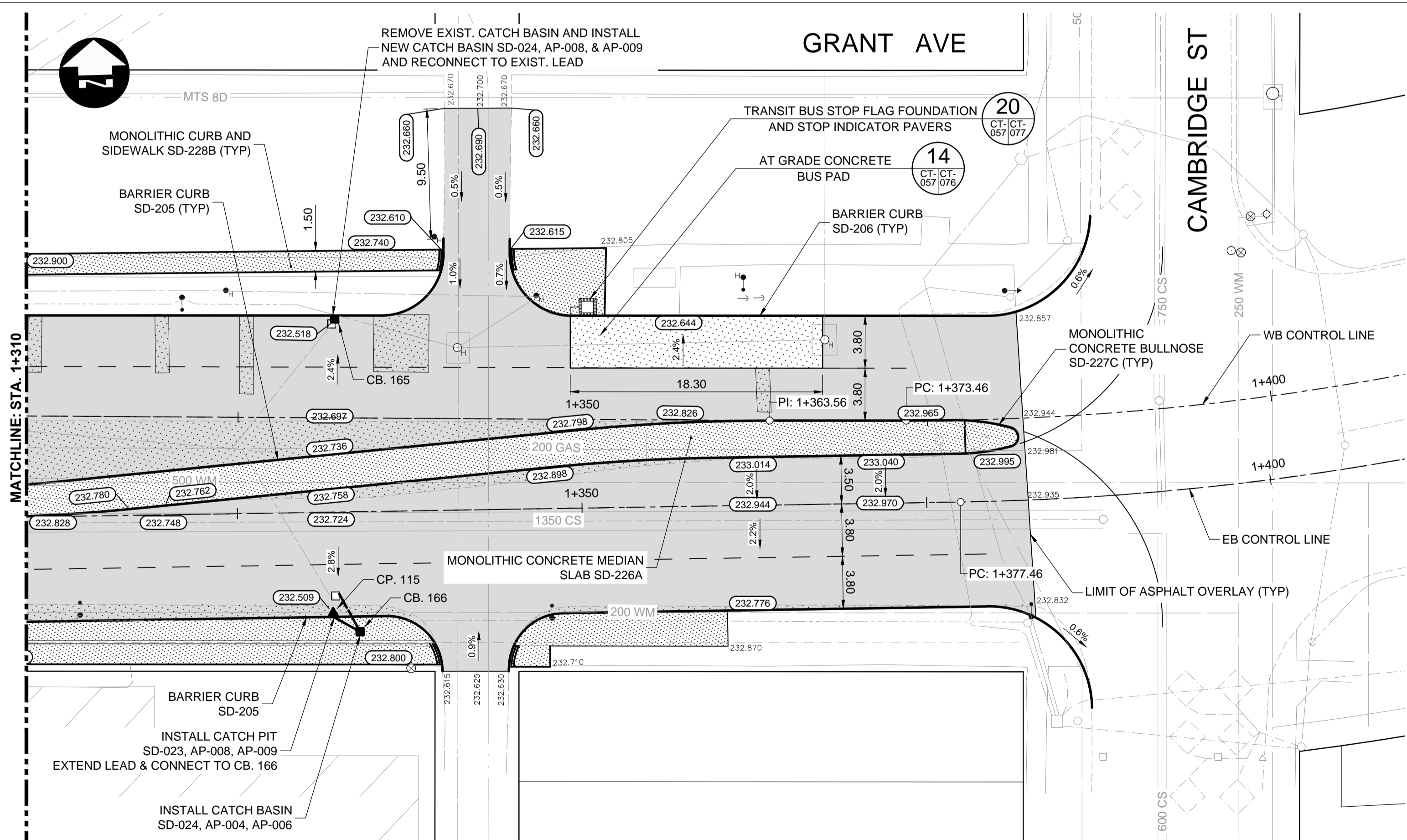


- CONSTRUCTION NOTES:**
- ISOLATE MISCELLANEOUS ITEMS IN NEW CONCRETE WORKS AS PER SD-228C.
 - LEGAL PLAN AND UNDERGROUND INFORMATION FROM CITY OF WINNIPEG LBIS. CONTRACTOR VERIFY ALL UNDERGROUNDS IN THE FIELD.
 - CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO AVOID DAMAGE FROM CONSTRUCTION ACTIVITIES TO TREES WITHIN THE LIMITS OF CONSTRUCTION.
 - LOCATION OF EXISTING SERVICES TO BE CONFIRMED IN THE FIELD BY THE CONTRACTOR.
 - INSTALL CB LEADS AT MIN. 1.0% SLOPE OR AS DIRECTED BY CONTRACT ADMINISTRATOR.
 - FOR CB LEADS, RIP RAP AND LDS INFORMATION SEE "CU" DRAWINGS.
 - CONTRACTOR SHALL CONFIRM EXISTING LEAD INVERT ELEVATIONS PRIOR TO INSTALLATION.



CATCH BASINS					
CB	STA	AP	RIM	BTM	INV
CB. 165	1+331	AP-008 AP-009	232.518	230.278	230.878
CP. 115	1+331	AP-008 AP-009	232.509		231.659
CB. 166	1+332	AP-004 AP-006	232.695	230.445	231.045

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:
- 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.



<table border="1"> <tr> <td>150 WM</td> <td>WATERMAIN</td> <td>150 WM</td> <td>CONCRETE</td> <td>150 WM</td> <td>WATERMAIN</td> <td>150 WM</td> <td>WATERMAIN</td> </tr> <tr> <td>300 LDS</td> <td>HYDRANT</td> <td>300 LDS</td> <td>ASPHALT</td> <td>300 LDS</td> <td>LAND DRAINAGE SEWER</td> <td>300 LDS</td> <td>LAND DRAINAGE SEWER</td> </tr> <tr> <td>250 WWS</td> <td>VALVE</td> <td>250 WWS</td> <td>PLANING</td> <td>250 WWS</td> <td>WASTE WATER SEWER</td> <td>250 WWS</td> <td>WASTE WATER SEWER</td> </tr> <tr> <td>300 LDS</td> <td>MANHOLE</td> <td>300 LDS</td> <td>SIDEWALK</td> <td>300 LDS</td> <td>HYDRANT</td> <td>300 LDS</td> <td>HYDRANT</td> </tr> <tr> <td>250 WWS</td> <td>CATCH BASIN</td> <td>250 WWS</td> <td>PAVING STONES</td> <td>250 WWS</td> <td>VALVE</td> <td>250 WWS</td> <td>VALVE</td> </tr> <tr> <td>100 GAS</td> <td>CURB INLET</td> <td>100 GAS</td> <td>PARTIAL DEPTH REPAIR</td> <td>100 GAS</td> <td>Q PROFILE</td> <td>100 GAS</td> <td>Q PROFILE</td> </tr> <tr> <td>300 LDS</td> <td>LAND DRAINAGE SEWER</td> <td>300 LDS</td> <td>PROPERTY LINE</td> <td>300 LDS</td> <td>NORTH/WEST GUTTER</td> <td>300 LDS</td> <td>NORTH/WEST GUTTER</td> </tr> <tr> <td>250 WWS</td> <td>WASTE WATER SEWER</td> <td>250 WWS</td> <td>DRAINAGE ARROW</td> <td>250 WWS</td> <td>SOUTH/EAST GUTTER</td> <td>250 WWS</td> <td>SOUTH/EAST GUTTER</td> </tr> <tr> <td>HYDRO</td> <td>HYDRO</td> <td>HYDRO</td> <td>CURB RAMP (SD-229C)</td> <td>HYDRO</td> <td>NORTH/WEST DITCH</td> <td>HYDRO</td> <td>NORTH/WEST DITCH</td> </tr> <tr> <td>MTS</td> <td>M.T.S.</td> <td>MTS</td> <td>DETECTABLE WARNING</td> <td>MTS</td> <td>SOUTH/EAST DITCH</td> <td>MTS</td> <td>SOUTH/EAST DITCH</td> </tr> <tr> <td>100 GAS</td> <td>GAS</td> <td>100 GAS</td> <td>SURFACE TILE (SD-229AA)</td> <td>100 GAS</td> <td></td> <td>100 GAS</td> <td></td> </tr> <tr> <td>EXISTING</td> <td>LEGEND-PLAN</td> <td>PROPOSED</td> <td>EXISTING</td> <td>LEGEND-PLAN</td> <td>PROPOSED</td> <td>EXISTING</td> <td>LEGEND-PROFILE</td> </tr> </table>	150 WM	WATERMAIN	150 WM	CONCRETE	150 WM	WATERMAIN	150 WM	WATERMAIN	300 LDS	HYDRANT	300 LDS	ASPHALT	300 LDS	LAND DRAINAGE SEWER	300 LDS	LAND DRAINAGE SEWER	250 WWS	VALVE	250 WWS	PLANING	250 WWS	WASTE WATER SEWER	250 WWS	WASTE WATER SEWER	300 LDS	MANHOLE	300 LDS	SIDEWALK	300 LDS	HYDRANT	300 LDS	HYDRANT	250 WWS	CATCH BASIN	250 WWS	PAVING STONES	250 WWS	VALVE	250 WWS	VALVE	100 GAS	CURB INLET	100 GAS	PARTIAL DEPTH REPAIR	100 GAS	Q PROFILE	100 GAS	Q PROFILE	300 LDS	LAND DRAINAGE SEWER	300 LDS	PROPERTY LINE	300 LDS	NORTH/WEST GUTTER	300 LDS	NORTH/WEST GUTTER	250 WWS	WASTE WATER SEWER	250 WWS	DRAINAGE ARROW	250 WWS	SOUTH/EAST GUTTER	250 WWS	SOUTH/EAST GUTTER	HYDRO	HYDRO	HYDRO	CURB RAMP (SD-229C)	HYDRO	NORTH/WEST DITCH	HYDRO	NORTH/WEST DITCH	MTS	M.T.S.	MTS	DETECTABLE WARNING	MTS	SOUTH/EAST DITCH	MTS	SOUTH/EAST DITCH	100 GAS	GAS	100 GAS	SURFACE TILE (SD-229AA)	100 GAS		100 GAS		EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	<p>UNDERGROUND STRUCTURES</p> <p>SUPPLY: 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>	<p>B.M. ELEV. SEE SHEET C2-CT-007 FOR CONTROL POINT INFORMATION</p>	<p>DILLON CONSULTING</p> <p>DESIGNED BY: PMW CHECKED BY: RTP</p> <p>DRAWN BY: PMW APPROVED BY: DBW</p> <p>HOR. SCALE: 1:250 RELEASED FOR CONSTRUCTION</p> <p>VERTICAL: 1:10</p>	<p>ENGINEER'S SEAL</p> <p>PROVINCE OF MANITOBA</p> <p>D.B. WIEBE</p> <p>Member 22480</p> <p>REGISTERED PROFESSIONAL ENGINEER</p> <p>CONSULTANT PROJECT NUMBER: 16-3353</p>	<p>THE CITY OF WINNIPEG</p> <p>PUBLIC WORKS DEPARTMENT</p> <p>Waverley Street Underpass at CN Mile 3.89 Rivers Sub Structures, Railworks, Roadworks, Land Drainage Sewer, Pumping Station and Landscaping Works</p> <p>GRANT AVENUE - STA. 1+310 TO END (PLAN-PROFILE)</p>	<p>CITY DRAWING NUMBER: U-239-2016-C2-CT-057</p> <p>SHEET 057 OF 081</p> <p>CONSULTANT DRAWING NUMBER: C2-CT-057</p>
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