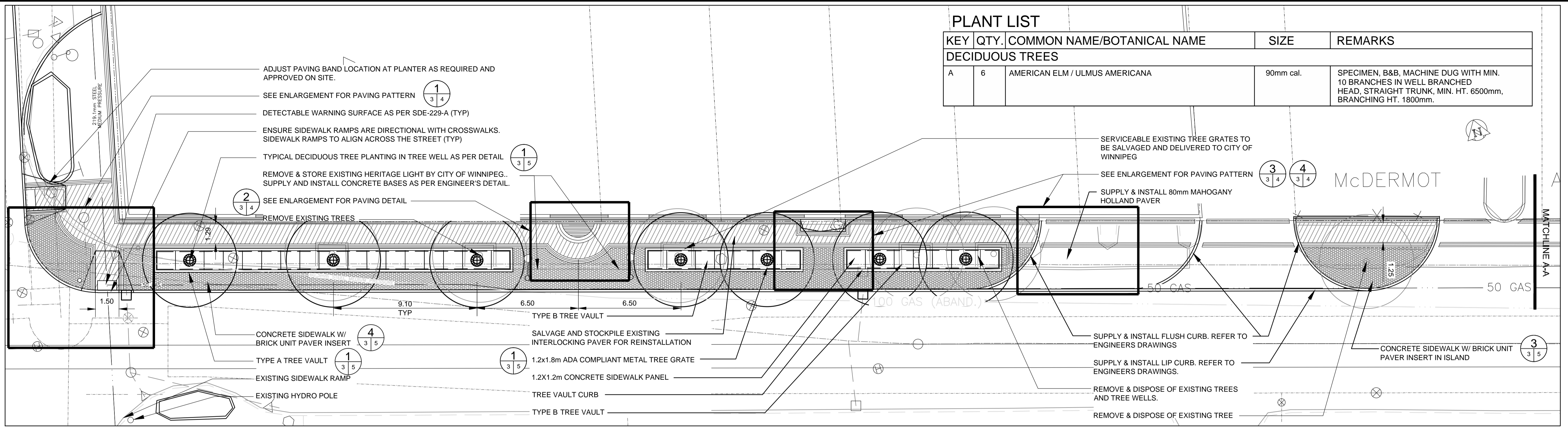
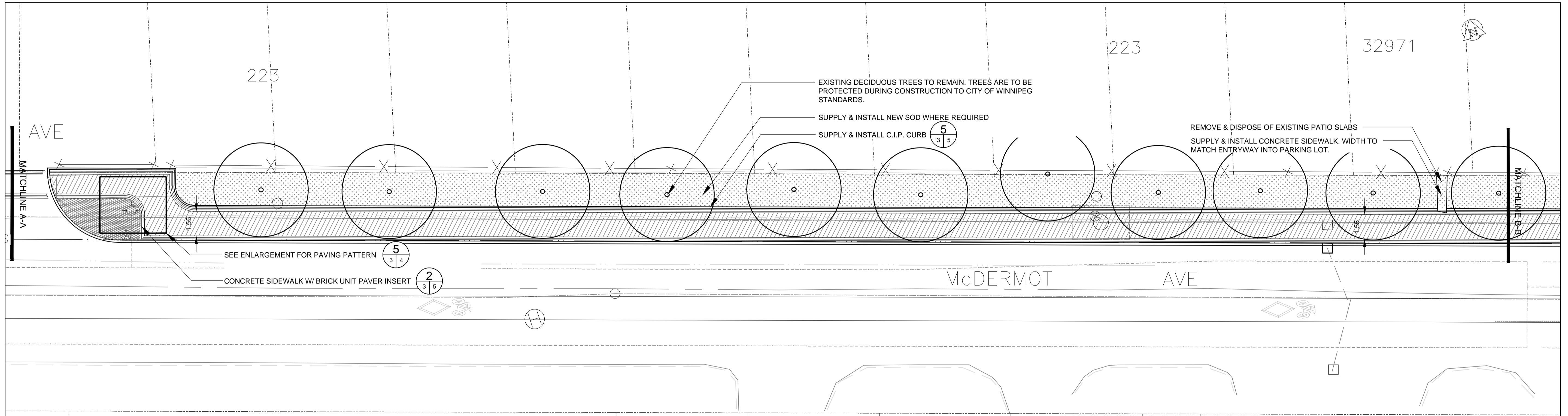


KEY	QTY.	COMMON NAME/BOTANICAL NAME	SIZE	REMARKS
<b>DECIDUOUS TREES</b>				
A	6	AMERICAN ELM / ULMUS AMERICANA	90mm cal.	SPECIMEN, B&B, MACHINE DUG WITH MIN. 10 BRANCHES IN WELL BRANCHED HEAD, STRAIGHT TRUNK, MIN. HT. 6500mm, BRANCHING HT. 1800mm.



LAYOUT 1



LAYOUT 2

**GENERAL NOTES**

- REFER TO ENGINEER'S DRAWINGS FOR ALL GRADE INFORMATION.
- ALL DIMENSIONS SHOWN IN METRIC UNITS. NUMBERS WITH DECIMALS INDICATE METERS. WHOLE NUMBERS INDICATE MILLIMETERS.
- ALL UTILITIES ARE SHOWN AS INFORMATION ONLY. CONTRACTOR TO CONFIRM LOCATION OF ALL UTILITIES ON SITE PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE A QUALIFIED CREW TO LAYOUT STREETS/SCAPING ELEMENTS. THE CREW SHALL BE EQUIPPED WITH ALL THE NECESSARY EQUIPMENT TO PROVIDE HORIZONTAL AND VERTICAL LAYOUT IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- CONTRACTOR TO STAKE LOCATION OF STITTSVILLE LIGHT STANDARDS ON SITE FOR REVIEW AND APPROVAL BY MANITOBA HYDRO.
- CONTRACTOR TO INSTALL CONCRETE FOUNDATIONS (INCLUDING CONDUIT) FOR STITTSVILLE LIGHT STANDARDS USING DETAIL PROVIDED BY STRUCTURAL ENGINEER. REFER TO DETAIL ON ENGINEER'S DRAWINGS.
- MANITOBA HYDRO TO INSTALL CONDUIT, WIRING AND POWER REQUIREMENTS FOR STITTSVILLE LIGHT STANDARDS. CONDUIT AND WIRING TO BE INSTALLED FOLLOWING EXCAVATION AND REMOVALS WORK BY CONTRACTOR AND PRIOR TO PAVING WORKS BY CONTRACTOR. CONTRACTOR TO COORDINATE WITH MANITOBA HYDRO, PATRICK WACH, 992-7530
- STITTSVILLE LIGHT STANDARDS WITH COMPACT FLUORESCENT LUMINAIRE TO BE SUPPLIED BY CITY OF WINNIPEG (127 PACIFIC AVE.) AND INSTALLED BY MANITOBA HYDRO.
- CONTRACTOR TO STAKE OUT LOCATION OF ALL WORKS FOR APPROVAL BY CONTRACT ADMINISTRATOR PRIOR TO ANY CONSTRUCTION OR REMOVALS.
- CONTRACTOR TO CONFIRM ALL DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE CONTRACT ADMINISTRATOR PRIOR TO CONSTRUCTION.
- DURING CONSTRUCTION, CONTRACTOR TO PROTECT TO CITY OF WINNIPEG STANDARDS ALL EXISTING TREES, SIDEWALKS, CURBS, SOD, UTILITIES, AND PAVING TO REMAIN. AREAS DAMAGED DURING CONSTRUCTION TO BE REPAIRED TO CITY OF WINNIPEG STANDARDS AT CONTRACTOR'S COST.
- CONTRACTOR IS RESPONSIBLE FOR ALL REMOVALS AS REQUIRED TO CONSTRUCT ALL WORKS AS SHOWN ON PLANS AND DETAILS. ALL ITEMS TO BE REMOVED MUST BE DISPOSED OF LEGALLY OFF SITE. ALL REUSABLE PAVING STONE TO BE STOCKPILED FOR REINSTALLATION. DISPOSE OF EXCESS AND UNSUITABLE MATERIAL.
- CONTRACTOR TO SURVEY AND INSTALL SQUARE CONCRETE COLLARS FOR ALL SURFACE UTILITIES IN SIDEWALK, WHERE COLLAR EXTENDS INTO PAVING BANDS CONTRACTOR TO ENSURE CONCRETE EXTENDS TO NEAREST LINE OF PAVER OR BRICK.
- CONTRACTOR TO REPAIR ALL ON AND OFF SITE SODDED AREAS, SHRUB BEDS, TREES, CONCRETE, ROAD PAVING AND CURBS ETC., DAMAGED DURING CONSTRUCTION TO CONTRACT ADMINISTRATOR'S SATISFACTION AND TO THE CITY OF WINNIPEG STANDARDS AT HIS/HER OWN COST.
- ALL WORK TO BE DONE IN ACCORDANCE WITH CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS UNLESS OTHERWISE NOTED.
- REFER ALSO TO WRITTEN SPECIFICATIONS.
- CONSTRUCTION ACCESS TO BE LIMITED TO THE ROUTES SPECIFIED ON SITE BY CONTRACT ADMINISTRATOR.
- CONTRACTOR TO ADJUST GRADES OF ALL SERVICES WITHIN LIMIT OF WORK AS REQUIRED INCLUDING ALL MANHOLES, CATCH BASINS, FIRE HYDRANT, CURB STOPS, ETC
- REMOVAL OF STREET SIGNAGE BY TRAFFIC SERVICES AS REQUIRED. CONTRACTOR TO INSTALL SIGN POST CLAMPS SUPPLIED BY TRAFFIC SERVICES IN LOCATIONS INDICATED BY TRAFFIC SERVICES. CONTACT: GREG SKINNER 794-4294

**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 140/92 FOR DETAILS

**APEGM**  
 Certificate of Authorization  
 Stantec Consulting Ltd.  
 No. 1301 Date: \_\_\_\_\_

<table border="1"> <tr> <td>150 WM</td> <td>WATERMAIN</td> <td>150 WM</td> <td>HYDRO</td> <td>150 WM</td> <td>WATERMAIN</td> </tr> <tr> <td>+</td> <td>HYDRANT</td> <td>+</td> <td>M.T.S.</td> <td>+</td> <td>HYDRANT, VALVE</td> </tr> <tr> <td>⊗</td> <td>VALVE</td> <td>⊗</td> <td>CONCRETE</td> <td>+</td> <td>LAND DRAINAGE SEWER</td> </tr> <tr> <td>300 LBS</td> <td>LAND DRAINAGE SEWER</td> <td>300 LBS</td> <td>SOD</td> <td>+</td> <td>WASTE WATER SEWER</td> </tr> <tr> <td>250 WWS</td> <td>WASTE WATER SEWER</td> <td>250 WWS</td> <td>SIDEWALK</td> <td>+</td> <td>PROFILE</td> </tr> <tr> <td>○</td> <td>MANHOLE</td> <td>○</td> <td>PROPERTY LINE</td> <td>+</td> <td>NORTH OR WEST GUTTER</td> </tr> <tr> <td>□</td> <td>CATCH BASIN</td> <td>+</td> <td>SURVEY BAR</td> <td>+</td> <td>SOUTH OR EAST GUTTER</td> </tr> <tr> <td>▽</td> <td>CURB INLET</td> <td>→</td> <td>DITCH</td> <td>+</td> <td>NORTH OR WEST R</td> </tr> <tr> <td>+</td> <td>JUNCTIONS</td> <td>(31.334)</td> <td>ELEVATION</td> <td>(32.23)</td> <td>SOUTH OR EAST R</td> </tr> <tr> <td>+</td> <td>CULVERT</td> <td>+</td> <td>SIDEWALK RAMP</td> <td>+</td> <td>NORTH OR WEST DITCH</td> </tr> <tr> <td>+</td> <td>GAS</td> <td>+</td> <td></td> <td>+</td> <td>SOUTH OR EAST DITCH</td> </tr> <tr> <td>EXISTING</td> <td>LEGEND-PLAN</td> <td>PROPOSED</td> <td>EXISTING</td> <td>LEGEND-PLAN</td> <td>PROPOSED</td> </tr> <tr> <td>EXISTING</td> <td>LEGEND-PROFILE</td> <td>PROPOSED</td> <td>EXISTING</td> <td>LEGEND-PROFILE</td> <td>PROPOSED</td> </tr> </table>			150 WM	WATERMAIN	150 WM	HYDRO	150 WM	WATERMAIN	+	HYDRANT	+	M.T.S.	+	HYDRANT, VALVE	⊗	VALVE	⊗	CONCRETE	+	LAND DRAINAGE SEWER	300 LBS	LAND DRAINAGE SEWER	300 LBS	SOD	+	WASTE WATER SEWER	250 WWS	WASTE WATER SEWER	250 WWS	SIDEWALK	+	PROFILE	○	MANHOLE	○	PROPERTY LINE	+	NORTH OR WEST GUTTER	□	CATCH BASIN	+	SURVEY BAR	+	SOUTH OR EAST GUTTER	▽	CURB INLET	→	DITCH	+	NORTH OR WEST R	+	JUNCTIONS	(31.334)	ELEVATION	(32.23)	SOUTH OR EAST R	+	CULVERT	+	SIDEWALK RAMP	+	NORTH OR WEST DITCH	+	GAS	+		+	SOUTH OR EAST DITCH	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	EXISTING	LEGEND-PROFILE	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 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.</p>		<p><b>Stantec Consulting Ltd.</b>          905 Waverley Street, Winnipeg, Manitoba          Tel 204-489-5900 Fax 204-453-9012</p> <p>DESIGNED BY MD/SR CHECKED BY JW/SR          DRAWN BY MD/JW APPROVED BY SR</p> <p>HOR. SCALE: 1:300          VERTICAL: N/A</p> <p>0 ISSUE FOR TENDER 10.08.19 MRG          NO. REVISIONS DATE BY</p>		<p><b>THE CITY OF WINNIPEG</b>          PUBLIC WORKS DEPARTMENT          ENGINEERING DIVISION</p> <p>BANNATYNE / MCDERMOT          RORIE STREET TO WATERFRONT DRIVE          RORIE ST TO MATCHLINE B-B          BIKE BOULEVARD</p>		<p>SHEET 3 OF 5          CAD FILE DRAWING NUMBER 05400c-202-xxx.dwg          CITY DRAWING NUMBER W-380-03</p>	
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