

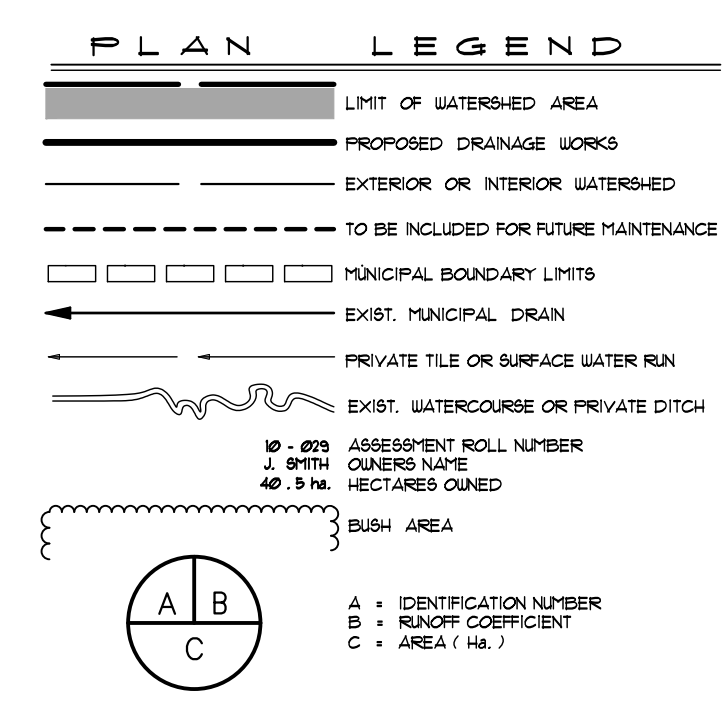
PLAN SCALE 1:2,500

**GENERAL NOTES**

- 1/ OUR SPECIFICATIONS DATED JANUARY 2020 INCLUDING STORM SEWERS AND AFFURTENANCES, APPLY TO THIS PROJECT.
- 2/ THE WORKING SPACE AVAILABLE TO THE CONTRACTOR TO CONSTRUCT THE NEW DRAINS SHALL CONSIST OF THOSE LANDS IMMEDIATELY ADJACENT TO THE DRAIN & CONNECTIONS AND SHALL CONSIST OF THE ROAD ALLOWANCE AND THE ADJACENT LANDS WITHIN THE LIMITS OF THE WORKING AREA DESIGNATED ON THE DRAWINGS. THE WORKING WIDTH FOR PURPOSES OF FUTURE MAINTENANCE SHALL BE THE SAME AS ABOVE EXCEPT FOR THE PORTION ON PRIVATE LANDS SHALL BE 10m.
- 3/ a) ALL UTILITIES TO BE LOCATED AND EXPOSED PRIOR TO CONSTRUCTION SO THAT THE NEW TILE GRADES CAN BE CONFIRMED. IF THERE IS A CONFLICT IN ELEVATION BETWEEN THE PROPOSED DRAIN AND THE UTILITY, THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY.  
 b) CONTRACTOR TO NOTIFY ALL UTILITIES 12 HOURS PRIOR TO HIS SCHEDULED TIME FOR STARTING THE ABOVE WORK.  
 c) THE COST FOR THIS WORK SHALL BE INCLUDED IN THE ITEM ON THE EXTENT OF WORK AND NO EXTRA PAYMENT SHALL BE MADE TO THE CONTRACTOR, EXCEPT IF ROAD RESTORATION IS REQUIRED.  
 d) ENBRIDGE GAS INC. REPRESENTATIVE TO BE PRESENT AT ALL GASMAIN AND SERVICE CROSSINGS.
- 4/ QUARRY STONE RIP-RAP TO BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH "SECTION A.12" IN THE SPECIFICATIONS.
- 5/ TURF REINFORCEMENT MAT SHALL BE "NORTH AMERICAN GREEN C 350 OR S 15 EROSION CONTROL BLANKET" AS NOTED ON DRAWING OR APPROVED EQUAL. MAT SHALL BE INSTALLED ON SEEDED BANK IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS WITH THE FOLLOWING EXCEPTIONS:  
 a) STAPLES TO BE 200mm LONG AND SHALL BE INSTALLED TO MANUFACTURER'S "D" PATTERN  
 b) MAT TO BE KEPT 300mm BELOW DITCH BOTTOM 100mm INTO BANK SLOPE AT UPSTREAM LIMIT AND SHALL BE STAPLED 200mm BELOW TOE OF BANK.
- 6/ CONTRACTOR TO ARRANGE A PRE-CONSTRUCTION MEETING WITH THE ENGINEER, DRAINAGE SUPERINTENDENT, AND THE AFFECTED OWNERS. ALL PARTIES SHALL RECEIVE 48 HOURS NOTICE TO THE MEETING.
- 7/ NEW DRAIN TO BE LOCATED AS SHOWN ON DRAWINGS. EXACT LOCATION TO BE DETERMINED AT TIME OF CONSTRUCTION BY DRAINAGE SUPERINTENDENT OR ENGINEER.
- 8/ a) INSTALLATION OF SEWER AND TRENCH WIDTHS SHALL BE IN ACCORDANCE WITH DETAILS EXCEPT AS NOTED IN 12/ b).  
 b) SEWER PIPE UNDER DRIVEWAYS AND ROADWAYS (INCLUDING SHOULDERS) TO BE INSTALLED IN ACCORDANCE WITH DETAIL.  
 c) EXCESS EXCAVATED MATERIAL (INCLUDING ASPHALT, CONCRETE, GRANULAR, ETC.) SHALL BE HAULED AWAY AND DISPOSED OF OFF-SITE BY THE CONTRACTOR. THIS ITEM IS TO BE INCLUDED AS PART OF THE SEWER SUPPLY AND INSTALLATION & ROAD DITCHING ITEMS IN THE ITEMS IN THE TENDER.
- 9/ a) PAVED AND GRAVEL SURFACES SHALL BE RESTORED IN ACCORDANCE WITH SECTION "A.15" IN THE SPECIFICATIONS.  
 b) ALL NON PAVED AREAS (i.e. BOULEVARDS, ROAD DITCHES & SLOPES) TO BE RESTORED WITH GRASS SEED IN ACCORDANCE WITH "SECTION A.14 & B.11" IN THE SPECIFICATIONS.  
 c) ALL DRIVEWAYS TO BE RESTORED TO ORIGINAL CONDITIONS IN ACCORDANCE WITH A.15 IN THE SPECIFICATIONS.
- 10/ SILT FENCE TO BE PLACED ACROSS DITCH BOTTOM AT STA. 0+000 DURING CONSTRUCTION TO PREVENT SILT FROM FLUSHING DOWNSTREAM. SILT FENCE AND SILT TO BE REMOVED AND DISPOSED OF AFTER CONSTRUCTION.
- 11/ ALL TREES, SCRUB, BRUSH, ETC. TO BE CLEARED AND GRUBBED IN ACCORDANCE WITH "SECTION B.3 AND C.4" SPECIFICATIONS EXCEPT THAT CLEARED AND GRUBBED MATERIALS ARE TO BE DISPOSED OF OFF-SITE BY THE CONTRACTOR.
- 12/ a) MAINTENANCE HOLES SHALL BE PRECAST CONCRETE IN ACCORDANCE WITH THE ONTARIO PROVINCIAL STANDARDS AND THE LOCAL DESIGN AND CONSTRUCTION STANDARDS WHERE APPLICABLE.  
 b) MAINTENANCE HOLES TO BE BENCHED IN ACCORDANCE WITH O.P.S.D. - 101.021 REV. 4  
 c) MANHOLE FRAME AND COVER SHALL BE IN ACCORDANCE WITH O.P.S.D. - 401.01 TYPE 'A'.

**LOT LEGEND**

ROLL NO.
1) 120-013-05
2) 120-010-03
3) 120-010-05
4) 120-010-02
5) 120-010-10
6) 120-010-01
7) 120-010
8) 120-010-07



**SAULSBURY WEST DRAIN 2022**

Municipality of STRATHROY-CARADOC  
URBAN OPPORTUNITY - RURAL HOSPITALITY

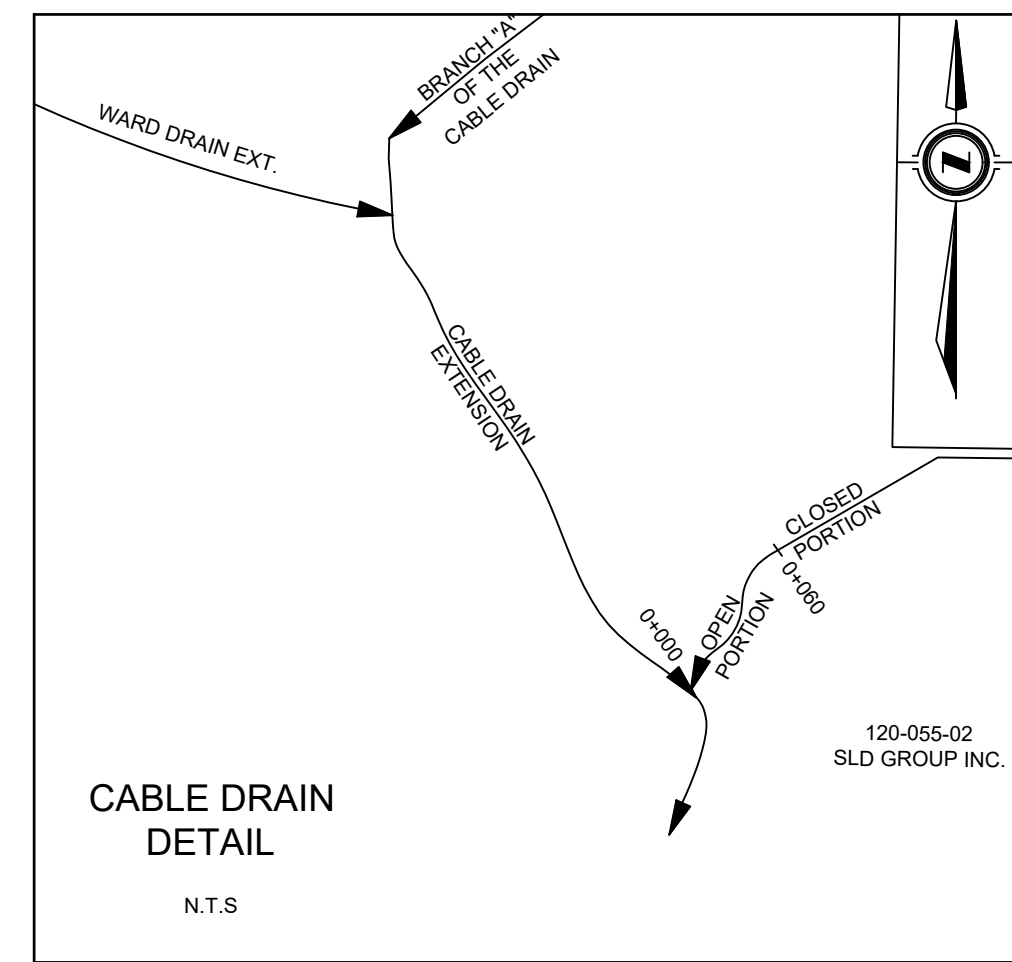
Municipal Contact <b>STEVE MORRIS</b> 519-245-1105 EXT. 248	No. 1	REVISIONS REVISED FOR ADDENDUM	DATE JULY 25, 2023
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Drawn By: TF & RK	Field Book GFS & RTS	JOB No. 2 2 1 1 2 2	Drawing No. 1 of 1
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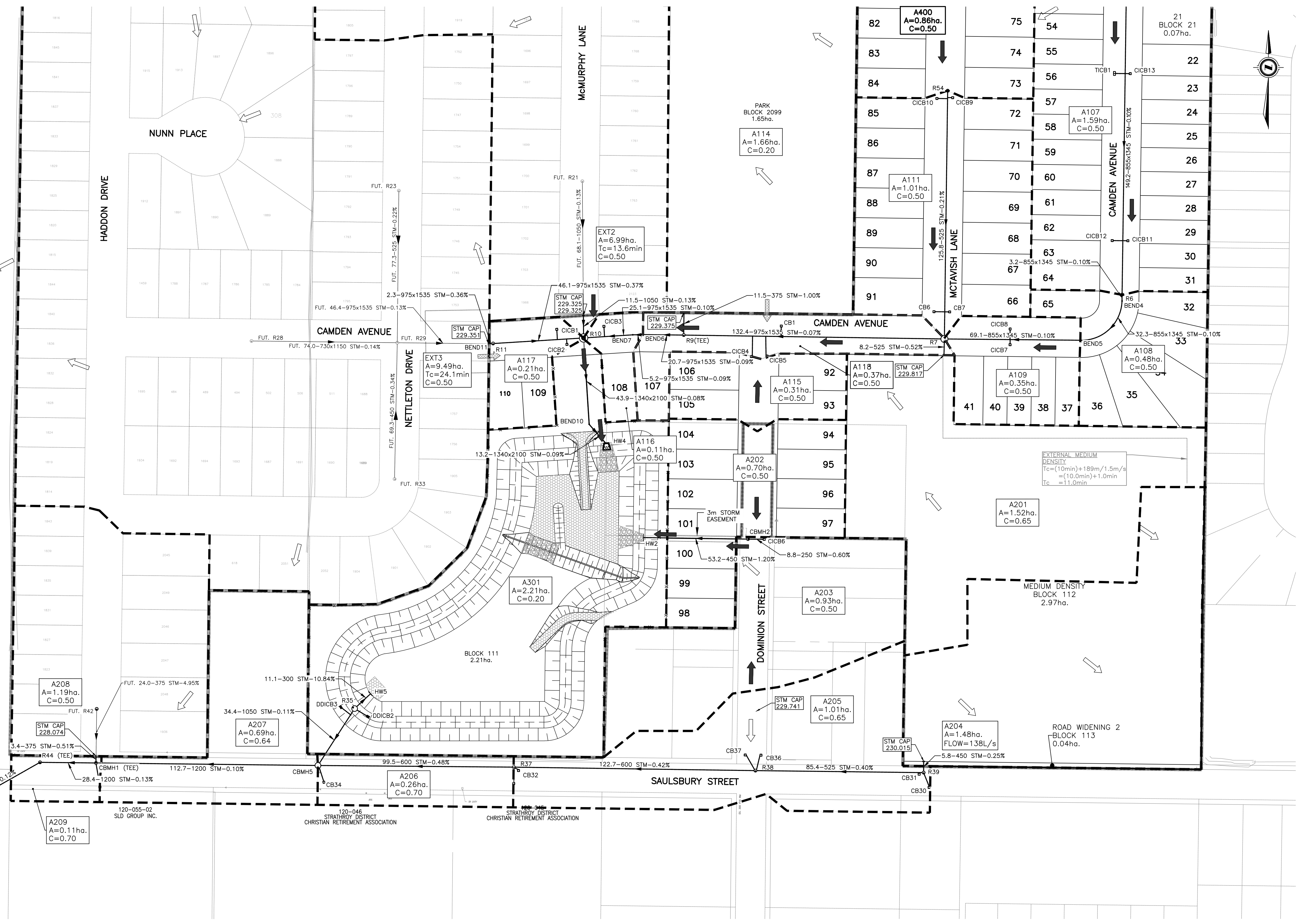
**SPRIET ASSOCIATES**  
 LONDON CONSULTING ENGINEERS LIMITED  
 155 YORK STREET - LONDON (519) 672-4100 - NEA 1A8

**LEGEND**

	LIMIT OF SUBDIVISION
	DRAINAGE AREA
	EX. STORM SEWER
	PROPOSED STORM SEWER
	FUTURE STORM SEWER
	PROPOSED STORM MANHOLE
	PROPOSED CATCHBASIN MANHOLE
	PROPOSED CATCHBASIN
	PROPOSED TWIN INLET CATCHBASIN
	PROPOSED DITCH INLET CATCHBASIN
	EX. MANHOLE
	FUTURE MANHOLE
	EX. CATCHBASIN
	BY OTHERS
	DENOTES REGISTERED PLAN LOT/BLOCK NUMBERS
	DENOTES DRAFT PLAN LOT/BLOCK NUMBERS
	DIRECTION OF MAJOR AND MINOR FLOW
	DIRECTION OF EXISTING FLOW
	DIRECTION OF ULTIMATE FLOW



CATCHMENT 1000 - 10.83 HA, PRIMARILY COMPRISED OF EXTERNAL AGRICULTURAL LANDS (AND 0.16 HA OF PROPOSED REAR LOTS) THAT WILL DRAIN TO A CATCHBASIN AT THE NORTHERN SITE LIMIT. FLOWS UP TO 0.156 M<sup>3</sup>/S (156L/S) WILL BE CAPTURED BY THE CATCHBASIN AND CONVEYED VIA SITE STORM SEWERS TO THE NORTH INLET OF THE STORMWATER MANAGEMENT FACILITY (SWMF). EXCESS FLOWS WILL BE CONVEYED WESTWARD VIA SHEET FLOWS TO THE WARD AND THEN CABLE DRAIN EXTENSIONS, AS UNDER EXISTING CONDITIONS.



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 120-055-02 SLD GROUP INC.

EXISTING SERVICES	DRAWING #, SOURCE	DATE	CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT
					DESIGN	JC/ZK			
					DRAWN BY	JC/ZK			
					CHECKED	DV			
					APPROVED	DV			
					DATE	2022-08-05			

CONSULTANT OR DIVISION

400-111 Queen's Avenue  
London, ON N6A 5J7  
www.stantec.com

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ENGINEER'S SEAL

D. VUCETIC  
100208129  
PROVINCE OF ONTARIO

**STRATHROY-CARADOC**  
URBAN OPPORTUNITY - RURAL HOSPITALITY

SCALE

HORZ - 1 : 1000  
10 0 20m

TITLE

**STORM DRAINAGE AREA PLAN PART 1**

PROJECT No.

SHEET No.

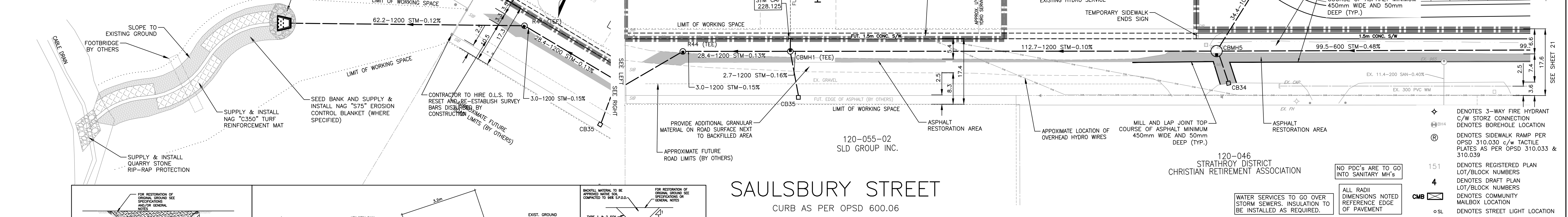
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PLAN FILE No.

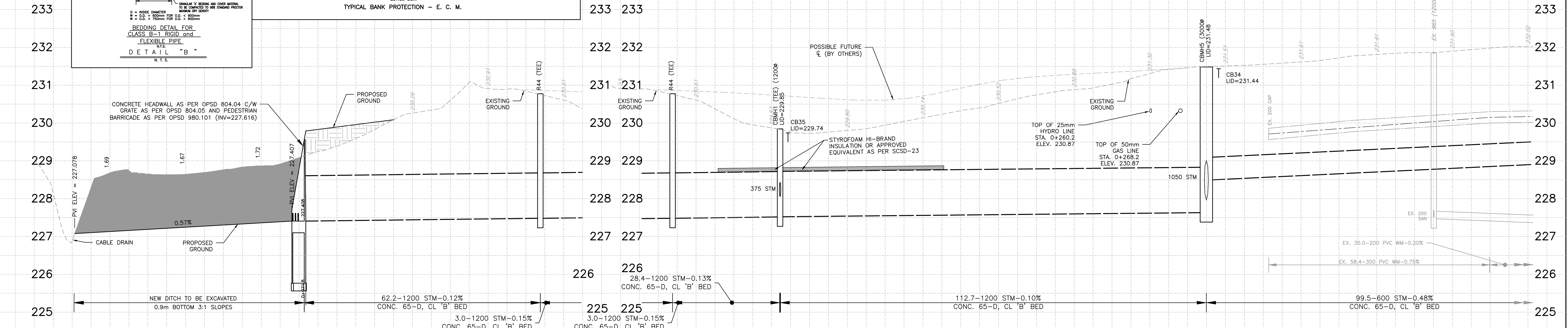
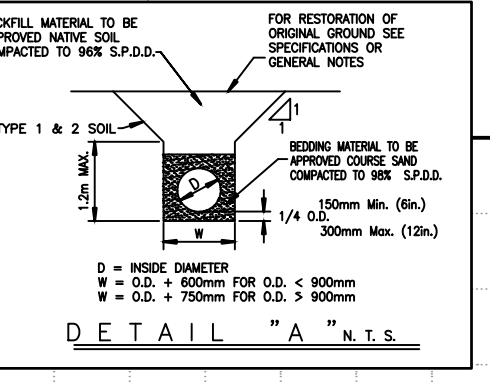
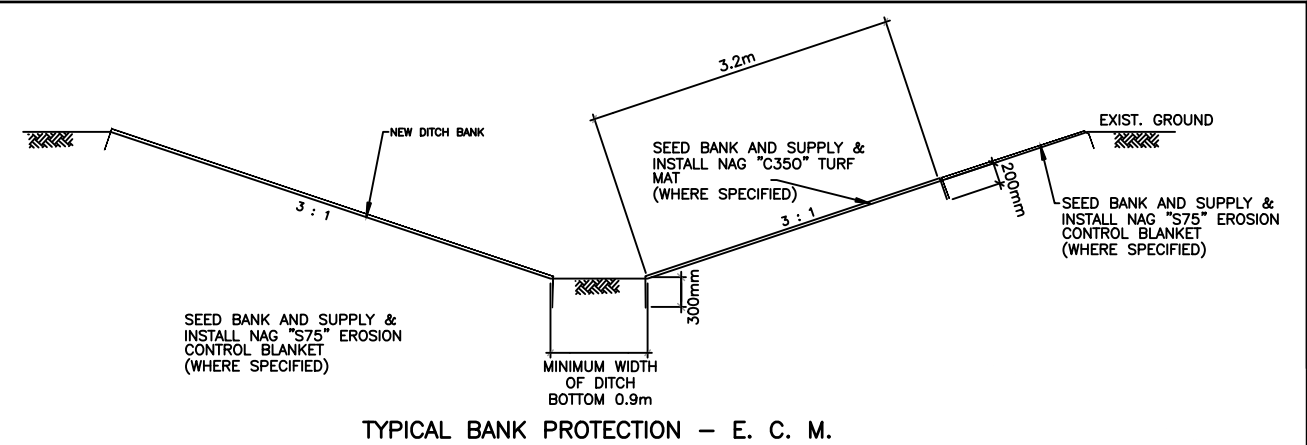
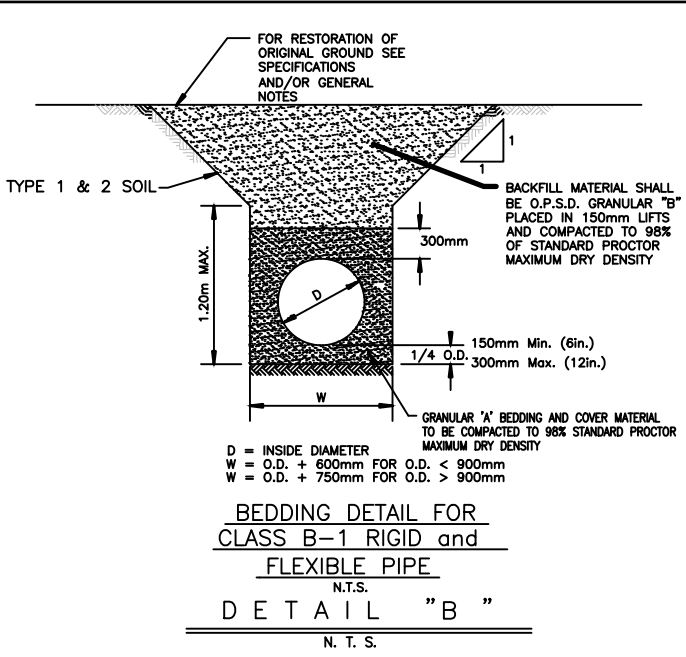




- NOTE:**
- ALL CATCHBASINS TO BE INSTALLED 0.6m FROM THE ENDPOINT OF CURVATURE.
  - CURB INLET CATCHBASINS TO BE INSTALLED AS PER OPSD 400.090
  - PROPOSED LID ELEVATIONS FOR CB's & CIB's ARE SET TO EDGE OF PAVEMENT GRADES
  - ALL WATER SERVICES WILL BE 25mm IN SIZE, (TYPICAL)
  - SANITARY PRIVATE DRAIN CONNECTIONS ARE TO HAVE A MIN. OF 500mm CLEARANCE UNDER/OVER MAINS
  - REMOVE AND DECOMMISSION ALL OUTLETS WHEN FLUSHING DEVICE IS NO LONGER IN USE
  - ALL CURB STOPS ARE TO OPEN COUNTER-CLOCKWISE
  - SANITARY CLEANOUT INSTALLATION IS REQUIRED FOR ALL SANITARY PDC'S AS PER SCSD-16.
  - MANHOLE INSERTS ARE TO BE INSTALLED IN ALL SANITARY MH'S DURING CONSTRUCTION.



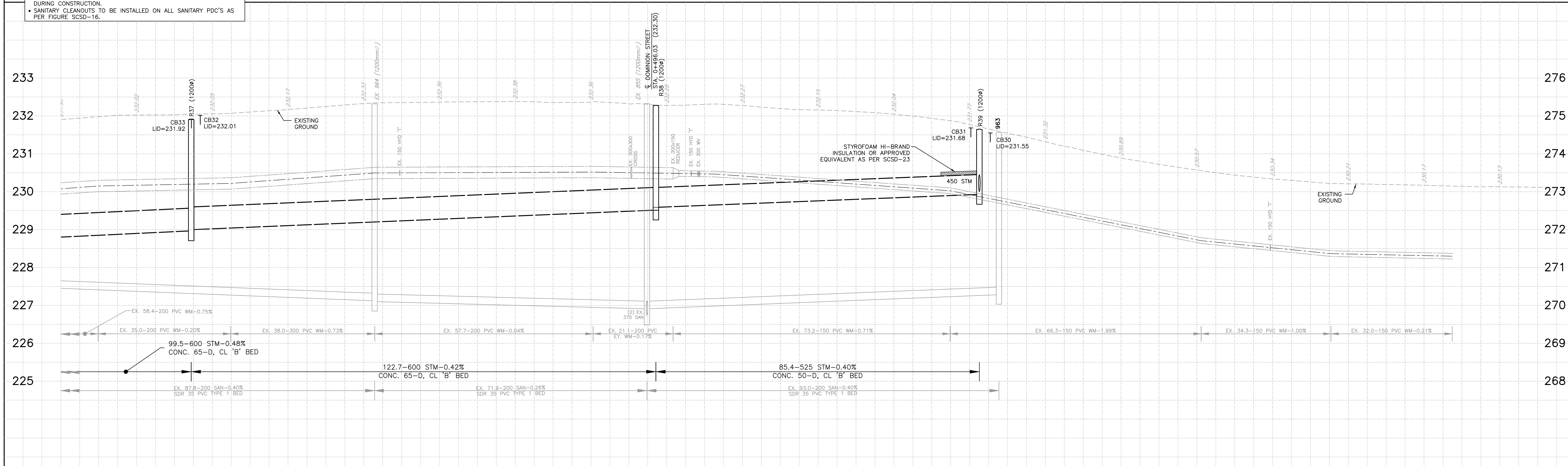
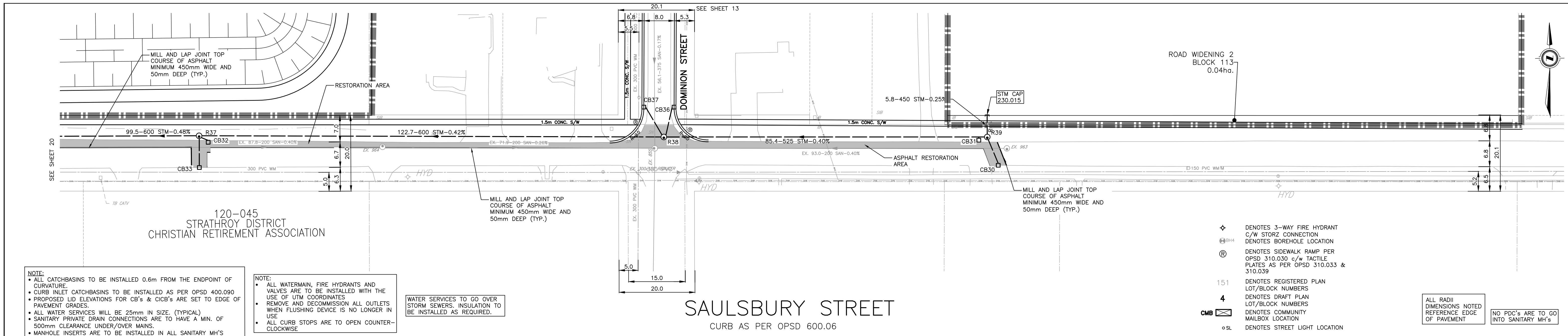
**SAULSBURY STREET**  
CURB AS PER OPSD 600.06



STATION	EXISTING SERVICES	DRAWING #, SOURCE	DATE	CONSTRUCTED SERVICES	COMPLETION	DETAILS	No.	REVISIONS	DATE	CONSULTANT
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0+020						DRAWN BY	JC/SK			
0+040						CHECKED	DV			
0+050.0						APPROVED	DV			
0+071.3						DATE	2022-08-05			
0+080										
0+100										
0+120										
0+133.8										
0+140										
0+150										
0+164.3										
0+162.2										
0+180										
0+200										
0+220										
0+240										
0+260										
0+014.3										
0+278.2										
0+280										
0+291.4										
0+300										
0+320										
0+335.1										
0+340										
0+355.8										
0+360										

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STATION	SANITARY INVERT	STORM INVERT	C.L. WATERMAIN ELEVATION
0+130	227.500	228.967	230.150
0+134	227.470	228.971	230.150
0+374.4	227.500	228.967	230.150
0+378.8	227.470	228.971	230.150
0+400	227.500	228.967	230.150
0+420	227.470	228.971	230.150
0+440	227.500	228.967	230.150
0+460	227.470	228.971	230.150
0+480	227.500	228.967	230.150
0+500	227.470	228.971	230.150
0+520	227.500	228.967	230.150
0+540	227.470	228.971	230.150
0+560	227.500	228.967	230.150
0+580	227.470	228.971	230.150
0+600	227.500	228.967	230.150
0+620	227.470	228.971	230.150
0+640	227.500	228.967	230.150
0+660	227.470	228.971	230.150
0+680	227.500	228.967	230.150
0+700	227.470	228.971	230.150
0+720	227.500	228.967	230.150

<p>DESIGN: JC/SK DRAWN BY: JC/SK CHECKED: DV APPROVED: DV DATE: 2022-08-05</p>	<p>CONSULTANT OR DIVISION</p> <p><b>Stantec</b></p> <p>600 - 171 Queens Avenue London, ON N6A 3J7 www.stantec.com</p>	<p>ENGINEER: D. VUCETIC 100209129 PROVINCE OF ONTARIO</p>	<p>SCALE</p> <p>HORIZ - 1 : 500 VERT - 1 : 50</p>	<p>TITLE</p> <p><b>SAULSBURY STREET</b> STA. 0+330 TO 0+720</p>	<p>PROJECT No.</p> <p>SHEET No.</p> <p>21 of 38</p> <p>PLAN FILE No.</p>
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