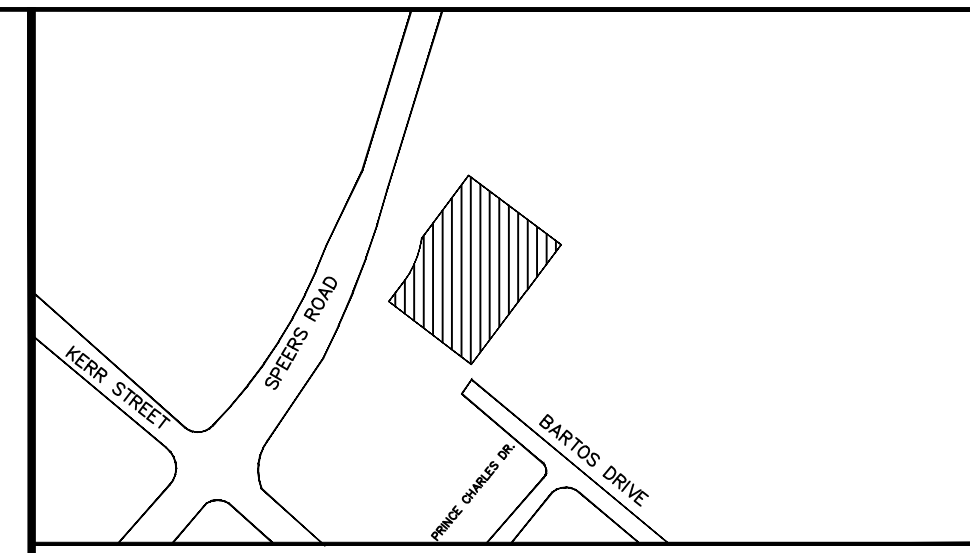


**SERVICING LEGEND:**

- DENOTES EXISTING STORM MANHOLE
- DENOTES PROPOSED STORM MANHOLE
- DENOTES EXISTING CATCH BASIN
- DENOTES PROPOSED CATCH BASIN
- DENOTES EXISTING STORMCEPTOR
- DENOTES PROPOSED INLET CONTROL DEVICE (ICD)
- DENOTES EXISTING STORM SEWER
- DENOTES PROPOSED STORM SEWER
- DENOTES EXISTING SANITARY MANHOLE
- DENOTES PROPOSED SANITARY MANHOLE
- DENOTES EXISTING SANITARY SEWER
- DENOTES PROPOSED SANITARY SEWER
- DENOTES EXISTING WATER MAIN
- DENOTES PROPOSED WATER MAIN
- DENOTES PROPOSED F/D CONNECTION
- DENOTES PROPOSED CAP FOR SANITARY, STORM, AND/OR WATER AS NOTED
- DENOTES PROPOSED ENTRANCE LOCATION
- DENOTES PROPOSED LIMIT OF CONSTRUCTION
- DENOTES PROPOSED BACK FLOW PREVENTOR
- DENOTES PROPOSED DOMESTIC WATER METER
- DENOTES PROPOSED DETECTOR CHECK VALVE



**KEY PLAN**  
Scale : N.T.S.

**NOTES:**  
THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND UNDERGROUND AND ABOVE GROUND UTILITIES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING THE WORK, THE CONTRACTOR SHALL CONFIRM OF THE EXACT LOCATION OF ALL UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

THE CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS ON THE JOB AND REPORT ANY DISCREPANCY TO THE ARCHITECTS/ENGINEERS BEFORE PROCEEDING WITH THE WORKS.

ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND THE PROPERTY OF THE ENGINEER WHICH MUST BE RETURNED AT THE COMPLETION OF WORK.

THIS DRAWING IS NOT TO BE SCALED. CONTRACTOR TO USE DIGITAL FILES FOR LAYOUT PROVIDED BY ENGINEER. THIS PLAN MUST NOT BE USED TO SITE THE PROPOSED BUILDINGS.

THE APPROVAL OF THIS PLAN DOES NOT EXEMPT THE OWNER'S CONTRACTOR FROM OBTAINING, BUT NOT LIMITED TO THE FOLLOWING PERMITS: ROAD CUT, SEWER PERMITS, RELOCATION OF SERVICES, ENCROACHMENT AGREEMENTS, APPROACH APPROVAL PERMITS, ETC.

EXISTING TOPOGRAPHICAL INFORMATION SUPPLIED BY J.D. BARNES LTD. ON JUNE 08, 2022.

**ELEVATION NOTE:**  
ELEVATIONS ARE OF GEODETIC ORIGIN (CGVD-1928:78, AND ARE DERIVED FROM GNSS OBSERVATIONS AND NATURAL RESOURCES CANADA'S GEOID MODEL HTZ.0

**BEARING NOTE:**  
BEARING ARE UTM GR1, DERIVED FROM OBSERVED REFERENCE POINTS A AND B, BY REAL TIME NETWORK (RTN) OBSERVATIONS, UTM ZONE 17, NAD83 (CSRS) (2010.0).

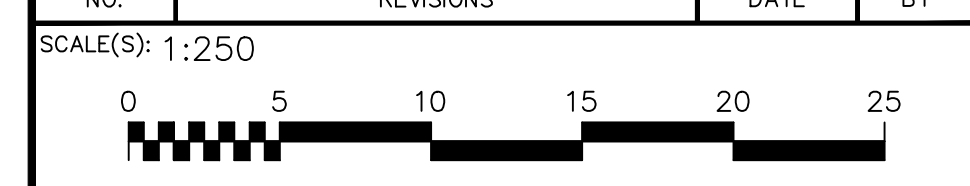
DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999727.

FOR BEARING COMPARISONS, A ROTATION OF 0°50'10" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON D1, D2, D3, P1, P4, P5 & P6.

FOR BEARING COMPARISONS, A ROTATION OF 2°04'40" COUNTER-CLOCKWISE WAS APPLIED TO BEARINGS ON P2 & P7.

**METRIC NOTE:**  
DISTANCES AND ELEVATIONS ON THIS PLAN ARE TYPICALLY SHOWN IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

NO.	REVISIONS	DATE	BY
1	ISSUED FOR REZONING	AUG. 25, 2022	HO



**DRAWING TITLE:**  
**FUNCTIONAL SERVICING PLAN**

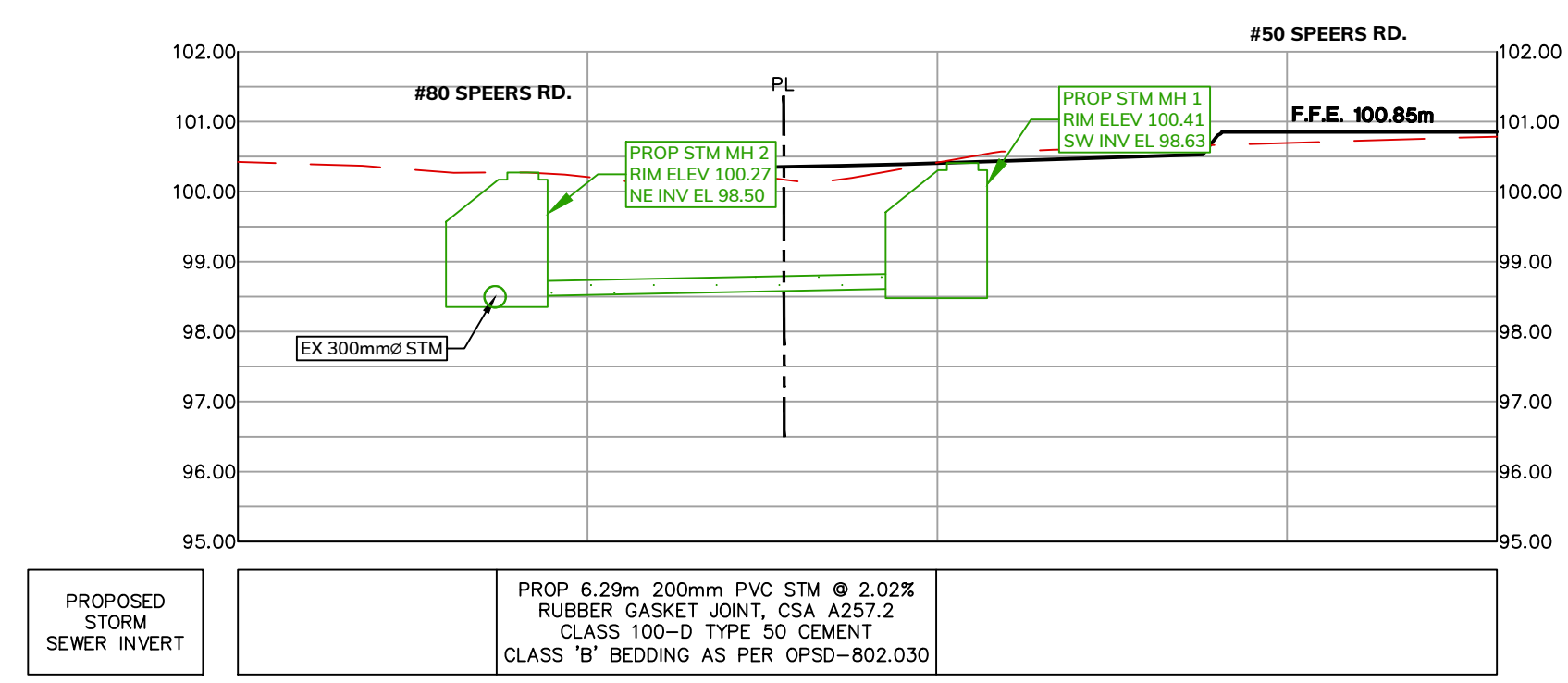
**PROJECT:**  
**PROPOSED 27-STORY APARTMENT BUILDING**  
50 SPEERS ROAD  
OAKVILLE, ON

**CLIENT:**  
**HELBERG PROPERTIES LIMITED**

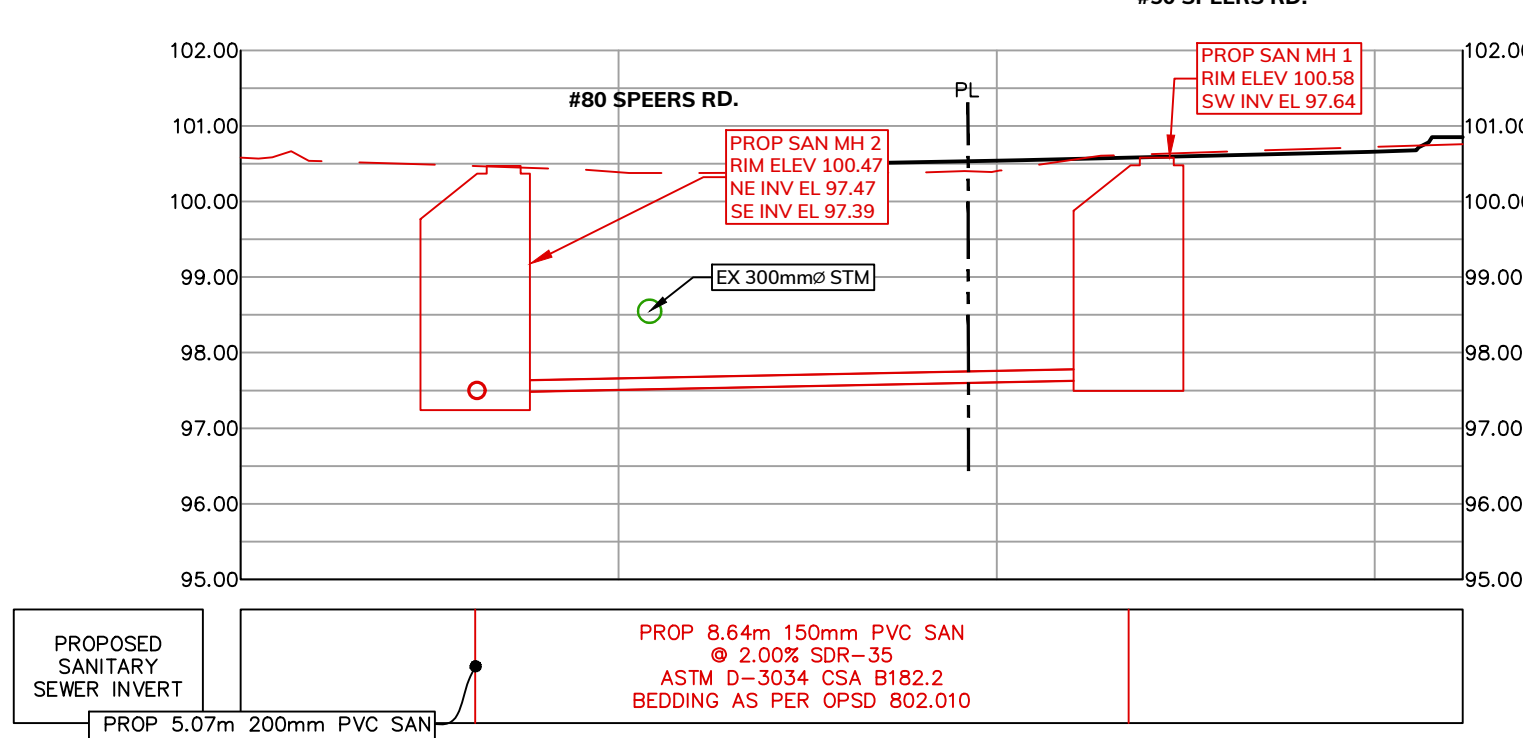
**ODAN-DETECH**  
CONSULTING ENGINEERS

The Odan/Detech Group Inc. P. (905) 632-3811 F. (905) 632-3363  
5230 SOUTH SERVICE ROAD, BURLINGTON, ONTARIO, L7L 5K2

DESIGNED BY:	PROJECT No.:
HO	22211
DRAWN BY:	CHECKED BY:
HO	KO
CHECKED BY:	DATE:
KO	AUG 2022
APPROVED BY:	DRAWING No.:
ENGINEER	JK
	1 OF 2



**SECTION A-A**  
**PROP. STORM CONNECTION**  
SCALE 1:100



**SECTION B-B**  
**PROP. SANITARY CONNECTION**  
SCALE 1:100

PROPOSED STORM SEWER INVERT

PROP 6.29m 200mm PVC STM @ 2.02%  
RUBBER GASKET JOINT, CSA A257.2  
CLASS 100-D TYPE 50 CEMENT  
CLASS 'B' BEDDING AS PER OPSD-802.030

PROPOSED SANITARY SEWER INVERT

PROP 8.64m 150mm PVC SAN @ 2.00% SDR-35  
ASTM D-3034 CSA B182.2  
BEDDING AS PER OPSD 802.010