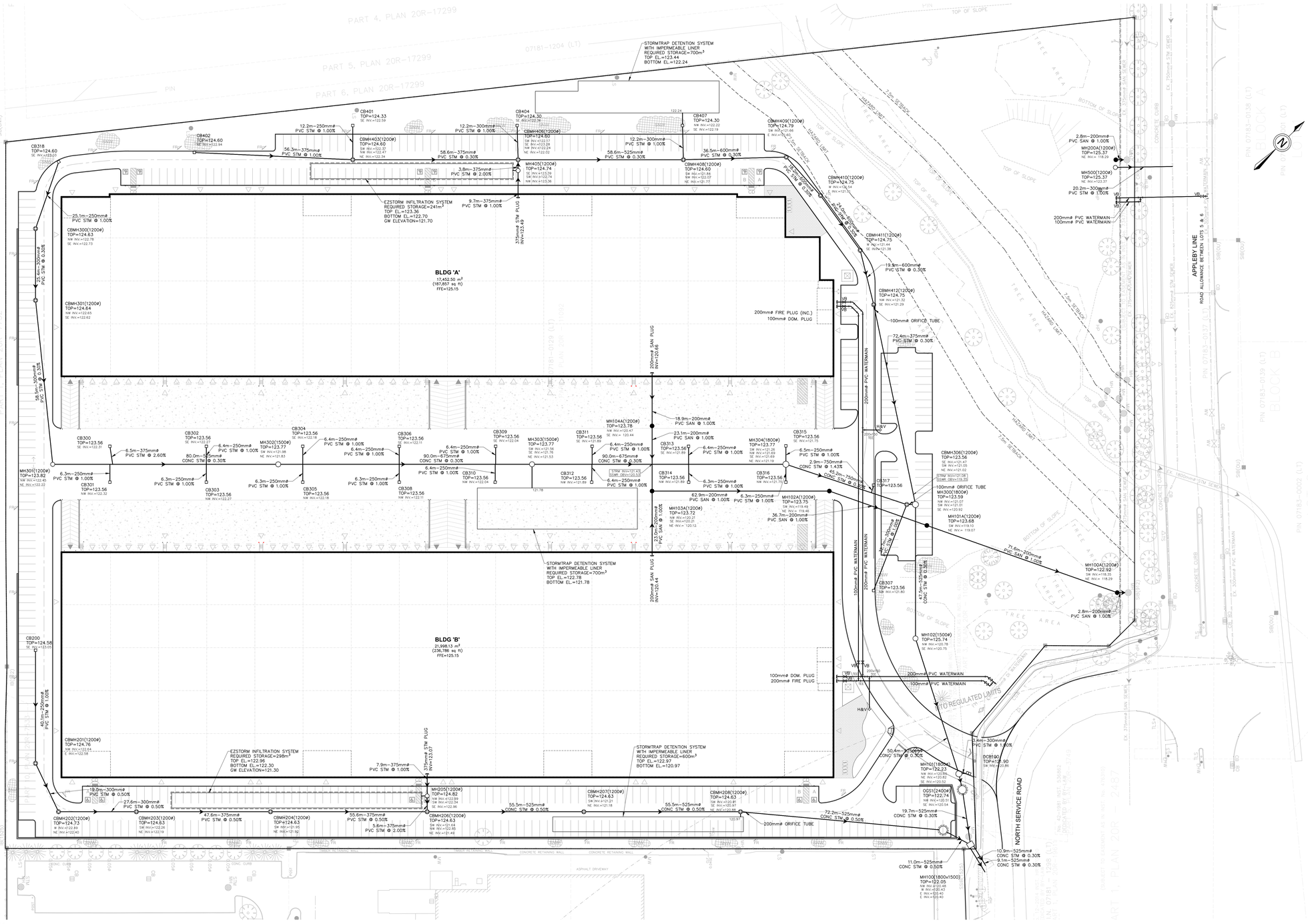
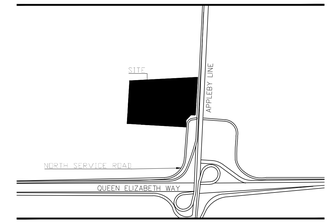


KEY PLAN

BURLINGTON, ON — N.T.S.



LEGEND

- STORM MANHOLE
- STORM CATCHBASIN
- SANITARY MANHOLE
- VALVE
- HYDRANT AND VALVE
- EXISTING STORM MANHOLE
- EXISTING SANITARY MANHOLE
- EXISTING VALVE
- EXISTING HYDRANT
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED WATERMAIN
- EXISTING SANITARY SEWER

BEARING NOTE:
BEARINGS SHOWN HEREON ARE GRID BEARINGS AND ARE DERIVED FROM OBSERVED REFERENCE POINTS A AND B HAVING A BEARING OF N43°56'55"E BY REAL TIME NETWORK (RTK) OBSERVATION, ZONE 17, CENTRAL MERIDIAN 81° 00' WEST LONGITUDE.

ELEVATION NOTE:
ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO CITY OF BURLINGTON BENCH MARK NO.375, HAVING AN ELEVATION = 121.252 METRES.

No.	REVISION	DATE
1.	ISSUED FOR ZBA	2026/06/25

30 Great Gulf Drive, Unit 20 | Concord ON | L4K 0K7
T. 905.660.0722 | **www.baldassarra.ca**

HUSSON
ENGINEERING + MANAGEMENT
P 905.709.5825
200 CACHET WOODS COURT, SUITE 204
MARKHAM, ON L6C 0Z8
HUSSON.CA

OWNERS INFORMATION:

4495 NORTH SERVICE ROAD

4495 NORTH SERVICE ROAD
BURLINGTION, ON

SITE SERVICING PLAN

DATE:	DRAWN BY:	CHECKED:	SCALE:
JUNE 25, 2026	HP	EM	1:500

PROJECT No. 221385

DRAWING No. SW-2

GENERAL NOTES:

1. ALL WORK TO CONFORM WITH MOE, CITY OF BURLINGTON, THE REGIONAL MUNICIPALITY OF HALTON, ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS, AND ONTARIO BUILDING CODE.
2. PRIOR TO CONSTRUCTION IS IT THE CONTRACTORS RESPONSIBILITY TO SATISFY THEMSELVES WITH THE LOCATION OF ALL EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED RESTORATION AS A RESULT OF DAMAGE CAUSED TO UTILITIES DURING CONSTRUCTION.
3. 100MM AND LARGER WATERMAIN SHALL BE POLYVINYL CHLORIDE (PVC) SHALL BE CERTIFIED TO CAN/CSA-B137.3 STANDARDS CLASS 150 SDR 18 PIPE, MANUFACTURED IN ACCORDANCE WITH THE LATEST EDITION OF AWWA C900. COPPER WATERMAIN K-SOFT AS PER ASTM B88. TRACER WIRE AS PER OBC 7.2.11.3
4. ALL WATERMAIN SHALL HAVE MINIMUM COVER OF 1.70M.
5. ALL WATERMAIN BEDDING AND TRENCH DETAIL, SHALL BE AS PER REGION OF HALTON. AS A MINIMUM REQUIREMENT, WATERMAIN SHALL BE LAID ON 150mm OF GRANULAR 'A' BEDDING AND SHALL CONFORM TO OPSS MUNI. 401/OPSD 802.010 AS PER REGION OF HALTON STANDARDS.
6. PHYSICAL SEPERATION FROM LIVE WATER SERVICES IS REQUIRED FOR TESTING PURPOSES.
7. THRUST BLOCKS MUST BE INSTALLED ON ALL WATERMAINS, VERTICAL AND HORIZONTAL, BENDS, TEES AND REDUCERS AS PER OPSD 1103.010 AND 1103.020.
8. ALL WATERMAIN CROSSINGS TO HAVE MINIMUM 0.5M VERTICAL CLEARANCE FROM SEWER LINES AS PER OBC DIV. B 7.3.5.6. PIPE JOINTS TO BE PLACED 2.4M FROM CROSSOVER.
9. TRACER WIRE TO BE INSTALLED AS PER OBC DIV. B 7.2.11.3.
10. FIRE HYDRANTS SHALL BE AS PER FIRE DEPARTMENT AND HALTON STANDARDS.
11. ALL FIRE HYDRANT INSTALLATION SHALL BE AS PER OPSD 1105.01 AND HALTON STANDARDS.
12. VALVES SHALL BE IN ACCORDANCE WITH AWWA STD.C500 WITH IRON BODY, BRONZE-MOUNTED NON-RISING STEM.
13. MANHOLES TO BE AS PER OPSD 701.010(12002), 701.011(15002), 701.012(18002) WITH GRATES AS PER OPSD 401.01, UNLESS OTHERWISE SPECIFIED. (TYPE'A' TOP FOR SANITARY MH. TYPE'B' TOP FOR STORM MH.)
14. ALL CATCHBASINS TO BE PRECAST AS PER OPSD 705.010(SINGLE B) WITH GRATES AS PER OPSD 400.11.
15. SEWER PIPE BEDDING AS PER OPSD 802.010 (PVC), 802.030 (CONCRETE) TO BE CLASS ' B' BEDDING WITH BACKFILL COMPACTED 95% STANDARD PROCTOR DENSITY.
16. ALL STORM SEWER PIPES NOT CONNECTED AT A MANHOLE TO BE CONNECTED TO THE MAIN LINE STORM SEWER AS PER OPSD 708.030.
17. ALL PVC STORM SEWER PIPES UP TO AND INCLUDING 375MM DIAMETER SHALL BE EQUAL TO C.S.A. B 182.2, B 182.4, ASTM D 3034, F 679, F 794 AND C.S.A. A257.1 AND UNI-B-5, B-6 AND B-9. THE PIPE MUST BE MANUFACTURED WITH FACTORY ASSEMBLED SPIGOT GASKET AND INTEGRAL BELL JOINTS.
18. ALL CONCRETE SEWER PIPES 450MM DIAMETER AND LARGER SHALL BE EQUAL TO C.S.A. SPECIFICATIONS A-257 REINFORCED CLASSES (50-D, 65-D, 100-D, 140-D) OR LATEST AMENDMENT UNLESS OTHERWISE NOTED.
19. ALL SANITARY PVC GRAVITY SEWER PIPES (SDR 28) SHALL BE CAN/CSA 181.2 OR LATEST AMENDMENT UNLESS OTHERWISE NOTED.
20. ALL STORM MANHOLES TO BE BENCHED TO SPRINGLINE.
21. ALL SANITARY MANHOLES SERVING UP TO 300MM SEWER LINES SHALL BE BENCHED TO SPRINGLINE.
22. ALL MANHOLE AND CATCHBASIN EXCAVATIONS TO BE BACKFILLED WITH GRANULAR 'B' COMPACTED TO 95% STANDARD PROCTOR DENSITY.
23. "MODULOC" OR APPROVED MANHOLE AND CATCHBASIN ADJUSTERS TO BE USED IN LIEU OF BRICKING, TO A MAX HEIGHT OF 300MM.
24. ALL DISTURBED GRASSED AREAS TO BE RESTORED WITH SEED ON 150MM TOPSOIL.
25. ALL BARRIER CURB ON SITE TO BE CONSTRUCTED AS PER OPSD 600.11, UNLESS OTHERWISE SPECIFIED.
26. ALL CURBING AROUND ISLANDS TO BE 150MM ABOVE FINISHED ASPHALT, UNLESS OTHERWISE SPECIFIED ON GRADING PLAN.
27. FOR ALL CONSTRUCTION DETAILS NOT SHOWN ON PLANS, REFERENCE SHALL BE MADE TO THE CITY OF BURLINGTON STANDARD DRAWINGS AND ONTARIO PROVINCIAL STANDARD DRAWINGS.
28. PROVIDE SEWER VIDEO INSPECTION UPON COMPLETION OF UNDERGROUND SERVICING, 2 DVDS OR VIDEOTAPES REQUIRED. CONTRACTOR TO SUPPLY CONSULTANT WITH ALL TOPOGRAPHICAL AND ASBUILT INFORMATION IN ORDER TO VERIFY THE THOROUGHNESS OF ALL WORK.
29. ALL WATERMAIN TO BE MECHANICALLY RESTRAINED WITHIN FILL SECTIONS AS PER OBC 7.3.4.9.
30. FROST PROTECTION IS REQUIRED ON ALL PIPES AS PER OBC 7.3.5.4.
31. DRIVEWAY INSTALLATIONS AS PER S-110 AND S-112
32. ROAD ALLOWANCE RESTORATION AS PER S-114, S-114-A, AND S-114-B
33. PRIOR TO ANY CONSTRUCTION WITHIN THE ROAD ALLOWANCE CONTACT THE UTILITY COORDINATOR FOR A PERMIT FOR CONSTRUCTION ON PUBLIC PROPERTY AT ENGPERMITREQUESTS@BURLINGTON.CA.

LICENSED PROFESSIONAL ENGINEER
E. J. MCGRISKIN
100151243
June 25, 2026
PROVINCE OF ONTARIO