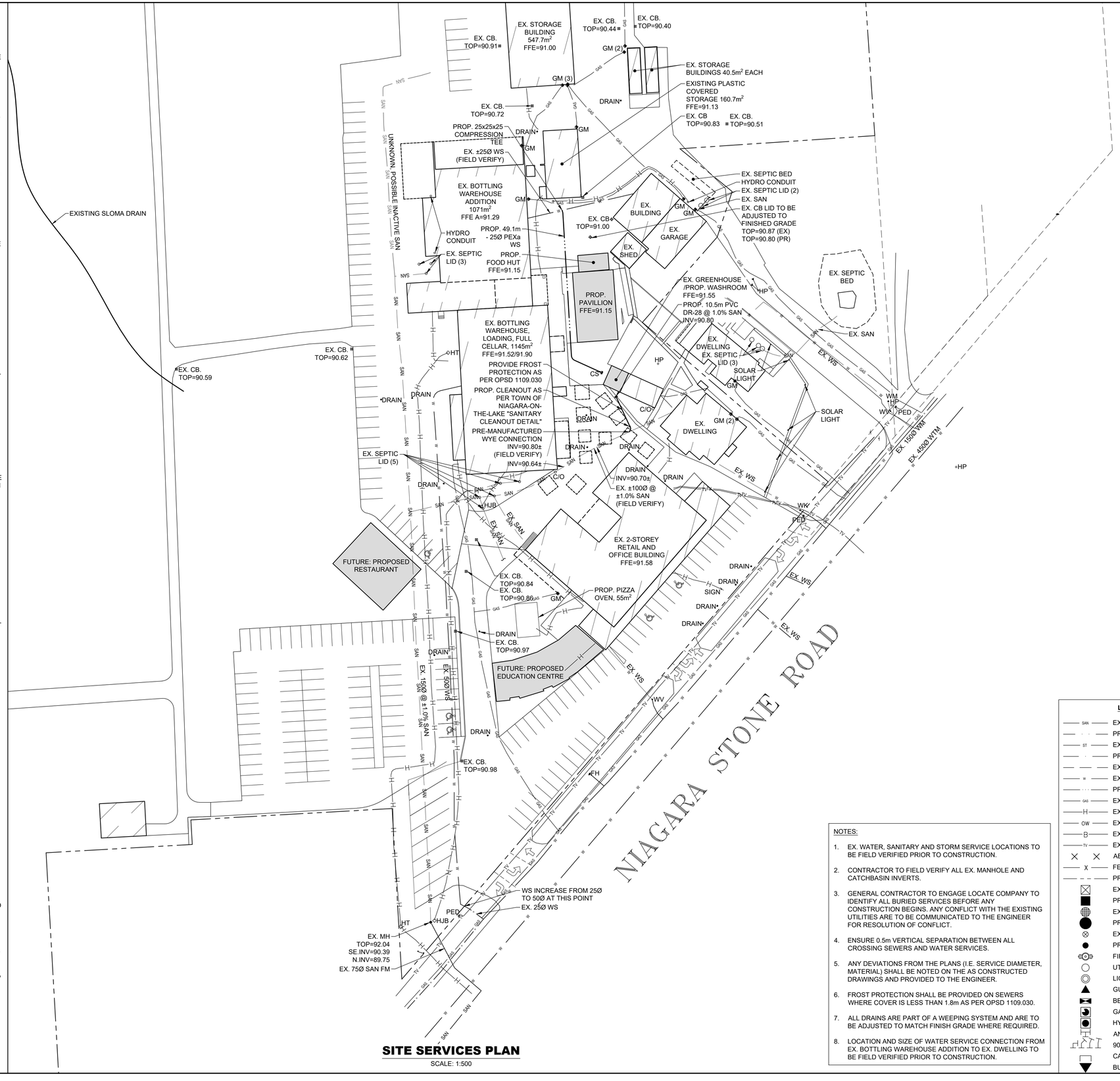
GENERAL NOTES:

1. READ ALL CIVIL DRAWINGS IN CONJUNCTION WITH ALL CONTRACT DOCUMENTS, INCLUDING ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL, LANDSCAPE AND VENDOR DRAWINGS AS APPLICABLE.
2. THE CONTRACTOR FOR ANY PORTION OF WORK SHALL VISIT THE SITE AND SHALL BE THOROUGHLY FAMILIAR WITH ALL THE PHYSICAL FEATURES THAT MAY AFFECT THE WORK IN ANY WAY.
3. GENERAL CONTRACTOR WILL ENGAGE LOCATE COMPANY TO IDENTIFY ALL BURIED SERVICES BEFORE ANY CONSTRUCTION BEGINS.
4. THE CONTRACTOR MUST FIELD CHECK AND VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT PRIOR TO COMMENCEMENT OF ANY WORK.
5. THE CONTRACTOR SHALL KEEP WORK SITES CLEAN AND FREE OF ALL CONSTRUCTION DEBRIS DURING THE PROCESS OF CONSTRUCTION AND LEAVE THE SITE CLEAN UPON COMPLETION OF WORK OR PORTIONS OF THE WORK.
6. THE CONTRACTOR SHALL OBTAIN APPROVED SERVICE CONNECTION PERMITS FROM THE TOWN OF NIAGARA-ON-THE-LAKE PUBLIC WORKS BEFORE CONNECTING TO EXISTING SEWER, OR WATER MAIN.
7. THE CONTRACTOR SHALL NOT OPERATE EXISTING MUNICIPAL WATER SYSTEM VALVES. VALVES CAN ONLY BE OPERATED BY THE TOWN OF NIAGARA-ON-THE-LAKE OPERATIONAL STAFF. THE TOWN REQUIRES A MINIMUM OF 48 HOURS WRITTEN NOTICE PRIOR TO ALL WORKS.
8. CONSULTANT MUST APPROVE ALL DEVIATIONS FROM THE WORKING DRAWINGS. THE CONTRACTOR MUST KEEP AN ACCURATE RECORD OF ALL CHANGES FROM THE ORIGINAL INFORMATION SHOWN ON THE CONSTRUCTION DRAWINGS.
9. FEATURES OF CONSTRUCTION NOT FULLY SHOWN ARE OF THE SAME CHARACTER AS THOSE NOTED FOR SIMILAR CONDITIONS.
10. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE FOLLOWING:
    - OCCUPATIONAL HEALTH AND SAFETY ACT
    - ONTARIO REGULATION 213/91 - CONSTRUCTION PROJECTS
    - THE ONTARIO BUILDING CODE AND THE NATIONAL BUILDING CODE
    - THE ONTARIO PROVINCIAL STANDARD SPECIFICATIONS / DRAWINGS
    - THE NIAGARA PENINSULA STANDARD CONTRACT DOCUMENTS
11. ALL ELEVATIONS AND DIMENSIONS SHOWN ARE IN METERS, UNLESS NOTED OTHERWISE.
12. ALL BUILDING ELEVATIONS (MAIN FINISHED FLOOR, TOP OF FOUNDATION, BASEMENT FINISHED FLOOR) TO BE COORDINATED WITH ARCHITECTURAL DRAWINGS.
13. ALL NEW GRADING AFFECTING EXISTING SITE FEATURES (TREES, FENCES, LANDSCAPING, FOUNDATION WALLS, RETAINING WALLS, SLABS, BELL PEDESTALS, UTILITY POLES ETC.) TO BE COORDINATED WITH ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL, LANDSCAPE AND VENDOR DRAWINGS AS APPLICABLE.
14. PROVIDE APPROPRIATE SHORING FOR TRENCH EXCAVATION IN ACCORDANCE WITH THE LATEST REVISION OF THE OHSA GUIDELINE FOR CONSTRUCTION PROJECTS.
15. SHORING DESIGN FOR TRENCH EXCAVATION (BY OTHERS).
16. MINIMUM HORIZONTAL SEPARATION BETWEEN WATER MAINS AND SEWERS SHALL BE 2.5m. MINIMUM VERTICAL CLEARANCE BETWEEN SEWERS AND WATER MAINS WHICH CROSS IS 500mm.
17. RIGID PIPE TRENCH EXCAVATION AS PER OPSD 802.030 FOR EARTH EXCAVATION AND OPSD 802.033 FOR ROCK EXCAVATION, AS APPLICABLE.
18. FLEXIBLE PIPE TRENCH EXCAVATION AS PER OPSD 802.010 FOR EARTH EXCAVATION AND OPSD 802.013 FOR ROCK EXCAVATION, AS APPLICABLE.
19. FROST PROTECTION SHALL BE PROVIDED WHERE COVER IS LESS THAN 1.2m BETWEEN TOP OF GROUND AND OBVERT OF PIPE AS PER OPSD 1109.030
20. ALL SANITARY SEWER CONNECTIONS SHALL BE WITH PRE-MANUFACTURED TEES AND SHALL BE INSTALLED AT A MINIMUM GRADE OF 2% UNLESS NOTED OTHERWISE.
21. SANITARY LATERAL INVERTS TO BE CONFIRMED ONCE ARCHITECTURAL BACKGROUNDS ARE PROVIDED AND A BASEMENT FLOOR ELEVATION IS CONFIRMED.
22. ALL WATER SERVICING TO COMPLY WITH CSA B137.5, ANSI/NSF 14&61, AND CURRENT AWWA STANDARDS.
23. ALL WATER SERVICES TO BE INSTALLED WITH TRACER WIRE.
24. ALL WATER SERVICES TO BE INSTALLED WITH A MINIMUM OF 1.8m COVER. SEWERS TO BE INSTALLED WITH A MINIMUM COVER OF 2.20m AT THE PROPERTY LINE BELOW THE FINAL ROAD GRADE OR AT SUCH HIGHER ELEVATION ONLY AS MAY BE NECESSITATED BY THE LEVEL OF THE MAIN SEWER. ON PRIVATE PROPERTY THE MINIMUM COVER IS TO BE NO LESS THAN 1.2m.
25. BUILDING SERVICES SHALL TERMINATE AT 1.5m FROM THE FACE OF THE BUILDING. SITE SERVICES CONTRACTOR TO COORDINATE, WITH THE MECHANICAL CONTRACTOR, THE CONNECTION OF SITE SERVICES, INCLUDING SANITARY STORM AND WATER, TO THE INTERNAL SERVICES.
26. GRADING IS NOT TO ADVERSELY AFFECT ADJACENT PROPERTIES.
27. EXISTING TOPOGRAPHIC SURVEY ELEVATIONS ARE SHOWN USING INFORMATION PROVIDED (BY OTHERS). ALL ELEVATIONS ARE TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION. ANY DISCREPANCIES REGARDING THE SURVEY INFORMATION ARE TO BE SUBMITTED TO THE ENGINEER FOR REVIEW.
28. ALL WORK WITHIN MUNICIPAL RIGHT-OF-WAYS REQUIRES ROAD OCCUP. PERMIT.
29. THE CONTRACTOR SHALL ENSURE ALL NEW AND EXISTING MANHOLES / CATCHBASINS / VALVES AND ANY OTHER APPURTENANCE WITHIN THE CONSTRUCTION AREA, TO MATCH FINISHED GRADE, AS REQUIRED.
30. PRE-CONSTRUCTION SURVEY TO BE COMPLETED BY CONTRACTOR PRIOR TO COMMENCEMENT OF WORK.
31. REMOVAL OF EXISTING FEATURES OF THE SITE ARE TO BE CARRIED OUT IN ACCORDANCE WITH OPSS 510 AS APPLICABLE.
32. ROAD, PAVED AREAS AND GRASSED AREAS TO BE RESTORED TO THEIR ORIGINAL CONDITION OR AS PER THE TOWN OF NIAGARA-ON-THE-LAKE STANDARDS FOR ROAD RESTORATION IF EXISTS. TRENCH BACKFILLS WITHIN MUNICIPAL ROADWAYS TO BE WITH FULL DEPTH GRANULAR 'A'.
33. ALL BARRIER CURBS AS PER OPSD 600.110.
34. SIDEWALKS AS PER OPSD 310.010. IN LOCATIONS WHERE SIDEWALK IS ADJACENT TO CURB AND GUTTER, SIDEWALK TO BE AS PER OPSD 310.020. SIDEWALKS TO BE 150mm THICK AT DRIVEWAYS AND 125mm THICK AT ALL OTHER AREAS, 30MPa CONCRETE COMPLETE WITH 100mm THICK GRANULAR 'A' BASE COMPACTED TO 100% SPMDD. SIDEWALKS ARE TO MEET THE LATEST TOWN OF NIAGARA-ON-THE-LAKE STANDARDS AS WELL AS THE LATEST NPSCD FOR TACTILE SURFACES AND ACCESSIBLE SIDEWALK.
35. ASPHALT AND GRANULAR CROSS SECTION TO BE CONFIRMED BY GEOTECHNICAL ENGINEER. IF CHANGES TO THE ASPHALT CROSS SECTIONS ARE REQUIRED BASED ON GEOTECHNICAL CONSIDERATIONS, THE CONSULTANT SHALL BE NOTIFIED PRIOR TO COMMENCEMENT OF ANY WORK.
36. SEALED COMPACTION TEST REPORTS TO BE PROVIDED BY THE CONTRACTOR THROUGH A THIRD PARTY TESTING AGENCY.



SITE SERVICES PLAN

SCALE: 1:500

NOTES:

1. EX. WATER, SANITARY AND STORM SERVICE LOCATIONS TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
2. CONTRACTOR TO FIELD VERIFY ALL EX. MANHOLE AND CATCHBASIN INVERTS.
3. GENERAL CONTRACTOR TO ENGAGE LOCATE COMPANY TO IDENTIFY ALL BURIED SERVICES BEFORE ANY CONSTRUCTION BEGINS. ANY CONFLICT WITH THE EXISTING UTILITIES ARE TO BE COMMUNICATED TO THE ENGINEER FOR RESOLUTION OF CONFLICT.
4. ENSURE 0.5m VERTICAL SEPARATION BETWEEN ALL CROSSING SEWERS AND WATER SERVICES.
5. ANY DEVIATIONS FROM THE PLANS (I.E. SERVICE DIAMETER, MATERIAL) SHALL BE NOTED ON THE AS CONSTRUCTED DRAWINGS AND PROVIDED TO THE ENGINEER.
6. FROST PROTECTION SHALL BE PROVIDED ON SEWERS WHERE COVER IS LESS THAN 1.8m AS PER OPSD 1109.030.
7. ALL DRAINS ARE PART OF A WEEPING SYSTEM AND ARE TO BE ADJUSTED TO MATCH FINISH GRADE WHERE REQUIRED.
8. LOCATION AND SIZE OF WATER SERVICE CONNECTION FROM EX. BOTTLING WAREHOUSE ADDITION TO EX. DWELLING TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

LEGEND

- EX. SANITARY SEWER
- PR. SANITARY SEWER
- EX. STORM SEWER
- PR. STORM SEWER
- EX. COMBINED SEWER
- EX. WATER MAIN
- PR. WATER MAIN
- EX. GAS SERVICE
- EX. HYDRO SERVICE
- EX. OVERHEAD WIRES
- EX. BELL SERVICE
- EX. TELECOMMUNICATION
- ABANDONED MAIN
- FENCE
- PROPERTY LINE
- EX. CATCHBASIN
- PR. CATCHBASIN
- EX. MANHOLE
- PR. MANHOLE
- EX. VALVE
- PR. VALVE
- FIRE HYDRANT
- UTILITY POLE
- LIGHT STANDARD
- GUY WIRE ANCHOR
- BELL/COGECO PEDESTAL
- GAS METER
- HYDRO METER
- ANCHOR TEE
- 90°/45°/22.5°/11.25° BEND
- CAPPED SERVICE
- BUILDING ENTRANCE

LICENSED PROFESSIONAL ENGINEER
J. D. HALUCHA
Feb. 23, 2026
PROVINCE OF ONTARIO

Do not scale drawings. Report any discrepancies to Hallex Civil Engineering Ltd. before proceeding.

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All construction shall be in accordance with latest edition of the Ontario Building Code and all applicable Ontario regulations.

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REV.	ISSUED FOR:	YYYY/MM/DD
0	APPROVAL	2026/02/20
1	APPROVAL	2026/02/23

CLIENT:
PILLITTERI ESTATES WINERY
1696 NIAGARA STONE ROAD
NIAGARA-ON-THE-LAKE, ON

PROJECT:
PILLITTERI ESTATES WINERY
HOSPITALITY AREA &
BOUNDARY ADJUSTMENTS

SHEET TITLE:
GENERAL NOTES,
& SITE SERVICES PLAN

JOB NUMBER:	250443
DATE:	JUN/2025
DRAWN BY:	JSo
DESIGNED BY:	JSo
CHECKED BY:	JS/JH
SCALE:	1:500
DWG.	C2
REV.	1