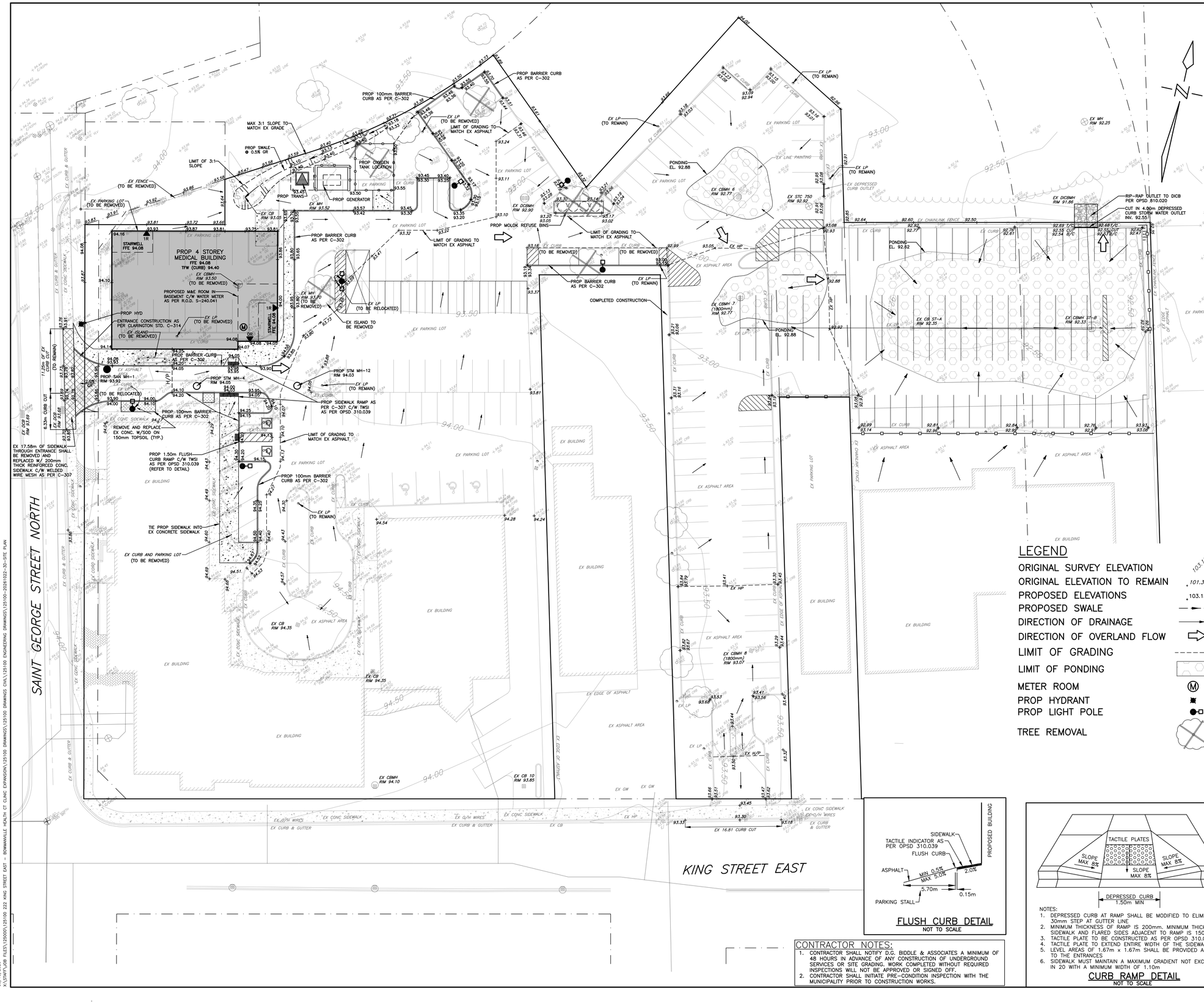
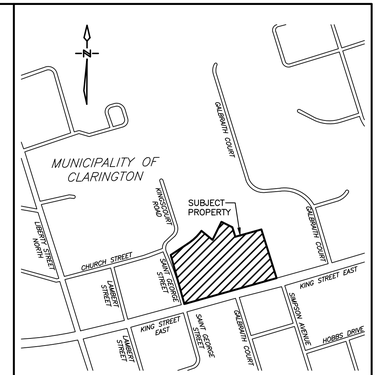




BENCH MARK

TOPOGRAPHIC SURVEY PREPARED BY D.G. BIDDLE & ASSOCIATES. BENCHMARK: BOWMANVILLE – VINCENT MASSEY SCHOOL AT NORTH SIDE OF CHURCH STREET, 0.8km EAST OF POST OFFICE, 60m WEST OF KINGSCOURT ROAD, TABLET IN EAST CONCRETE FOUNDATION WALL, 91cm FROM SOUTHEAST FRONT CORNER, 10cm BELOW BRICK. ELEVATION=95.166m (BENCHMARK #67U032)

SITE GRADING NOTES

1. A ROAD OCCUPANCY PERMIT WILL BE REQUIRED FOR ANY WORKS WITHIN THE MUNICIPAL RIGHT OF WAY.
2. ALL WORKS OR RESTORATION WITHIN THE MUNICIPAL RIGHT OF WAY SHALL BE COMPLETED AS PER THE MUNICIPAL'S FIELD STAFF DIRECTION.
3. THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES AND SERVICES TO BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. CONCERNED UTILITIES TO BE GIVEN ADVANCED NOTICE FOR STAKE OUT. THE CONSULTANT ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE UTILITIES SHOWN ON THE DRAWINGS.
4. QUANTITIES, DIMENSIONS AND ELEVATIONS TO BE VERIFIED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR COMMENCING CONSTRUCTION.
5. ALL SLOPES SHALL BE CONSTRUCTED AT 3:1 (MAXIMUM) UNLESS OTHERWISE NOTED ON THE DRAWINGS.
6. ALL SWALES SHALL BE CONSTRUCTED WITH 2% MINIMUM GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
7. ALL SLOPES, SWALES AND OPEN SPACE AREAS SHALL BE SODDED ON A MINIMUM OF 300mm OF TOPSOIL.
8. ALL DISTURBED AREAS WITHIN ABUTTING MUNICIPAL RIGHT OF WAYS SHALL BE SODDED ON A MINIMUM OF 150mm OF TOPSOIL.
9. THE PROPOSED ENTRANCE ON KING STREET EAST MUST COMPLY WITH THE MUNICIPALITY OF CLARINGTON STANDARDS AS OUTLINED BELOW.
   - SURFACE ASPHALT – 40mm HL3
   - BASE ASPHALT – 50mm HL8
   - 150mm GRANULAR A
   - 300mm GRANULAR B
   - ENTRANCE WIDTH: 6.0 – 9.0 METRES
   - ENTRANCE RADIUS: 9.0 – 12.0 METRES
   - BARRIER CURB AS PER C–302
10. HEAVY DUTY FIRE ROUTE SHALL CONSIST OF THE FOLLOWING (MINIMUM) UNLESS OTHERWISE APPROVED BY THE ENGINEER:
    - 40mm HL3 (OR APPROVED EQUIVALENT)
    - 60mm HL8 (OR APPROVED EQUIVALENT)
    - 150mm GRANULAR A (OR 20mm CRUSHER–RUN)
    - 300mm GRANULAR B (OR 50mm CRUSHER–RUN)
11. LIGHT DUTY PARKING SHALL CONSIST OF THE FOLLOWING (MINIMUM) UNLESS OTHERWISE APPROVED BY THE ENGINEER:
    - 65mm HL3 (OR APPROVED EQUIVALENT)
    - 150mm GRANULAR A (OR 20mm CRUSHER–RUN)
    - 200mm GRANULAR B (OR 50mm CRUSHER–RUN)

LEGEND

- ORIGINAL SURVEY ELEVATION 103.15
- ORIGINAL ELEVATION TO REMAIN +101.35
- PROPOSED ELEVATIONS +103.15
- PROPOSED SWALE
- DIRECTION OF DRAINAGE
- DIRECTION OF OVERLAND FLOW
- LIMIT OF GRADING
- LIMIT OF PONDING
- METER ROOM (M)
- PROP HYDRANT
- PROP LIGHT POLE
- TREE REMOVAL

NO.	SUBMISSION	DATE
5.	ISSUED FOR FIFTH SUBMISSION	OCT/2026
4.	ISSUED FOR FOURTH SUBMISSION	JULY/2026
3.	ISSUED FOR THIRD SUBMISSION	JUNE/2025
2.	ISSUED FOR SECOND SUBMISSION	MAR/2025
1.	ISSUED FOR FIRST SUBMISSION	OCT/2024

222 KING STREET EAST, BOWMANVILLE

FLUSH CURB DETAIL
NOT TO SCALE

CONTRACTOR NOTES:
1. CONTRACTOR SHALL NOTIFY D.G. BIDDLE & ASSOCIATES A MINIMUM OF 48 HOURS IN ADVANCE OF ANY CONSTRUCTION OF UNDERGROUND SERVICES OR SITE GRADING. WORK COMPLETED WITHOUT REQUIRED INSPECTIONS WILL NOT BE APPROVED OR SIGNED OFF.
2. CONTRACTOR SHALL INITIATE PRE–CONDITION INSPECTION WITH THE MUNICIPALITY PRIOR TO CONSTRUCTION WORKS.

NOTES:
1. DEPRESSED CURB AT RAMP SHALL BE MODIFIED TO ELIMINATED 30mm STEP AT GUTTER LINE
2. MINIMUM THICKNESS OF RAMP IS 200mm. MINIMUM THICKNESS OF SIDEWALK AND FLARED SIDES ADJACENT TO RAMP IS 150mm
3. TACTILE PLATE TO BE CONSTRUCTED AS PER OPSD 310.039
4. TACTILE PLATE TO EXTEND ENTIRE WIDTH OF THE SIDEWALK RAMP
5. LEVEL AREAS OF 1.67m x 1.67m SHALL BE PROVIDED ADJACENT TO THE ENTRANCES
6. SIDEWALK MUST MAINTAIN A MAXIMUM GRADIENT NOT EXCEEDING 1 IN 20 WITH A MINIMUM WIDTH OF 1.10m

CURB RAMP DETAIL
NOT TO SCALE

SITE GRADING PLAN

D.G. BIDDLE & ASSOCIATES
CONSULTING ENGINEERS & PLANNERS
96 King Street East
Oshawa, Ontario, L1H 1B6
Phone: 905-576-8500
info@dgbiddle.com
dgbiddle.com

LICENSED PROFESSIONAL ENGINEER
C. J. FLAMMINIO
100544401
OCT 30/2026
PROVINCE OF ONTARIO

SCALE:	1:300
DESIGNED BY:	B.K.Y.
CHECKED BY:	C.J.F.
PROJECT NO.:	125807
DRAWING NO.:	SG–1

30/10/2026
X:\STAFF\DB FILES\125000\125100 222 KING STREET EAST – BOWMANVILLE HEALTH CT CLINIC EXPANSION\125100 DRAWINGS\125100 ENGINEERING DRAWINGS\CIVIL\125100 DRAWINGS CIVIL\125100–2026\1022–3D–SITE PLAN