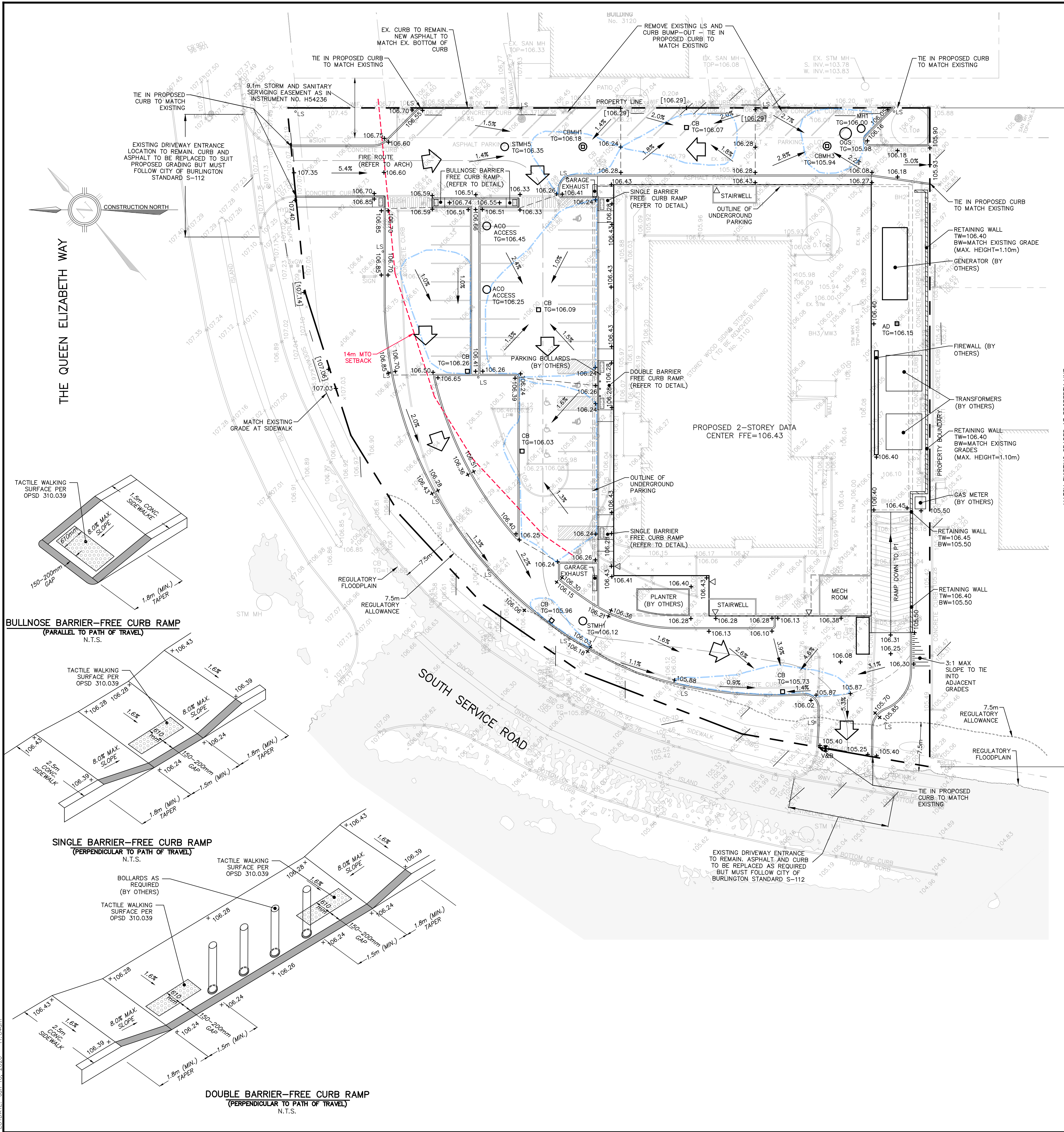


FILENAME: P:\1898 3110 South Service 04-CAD 03-Site Plan\189805.dwg
PLOT DATE: Jun 10, 2026 - 11:44am

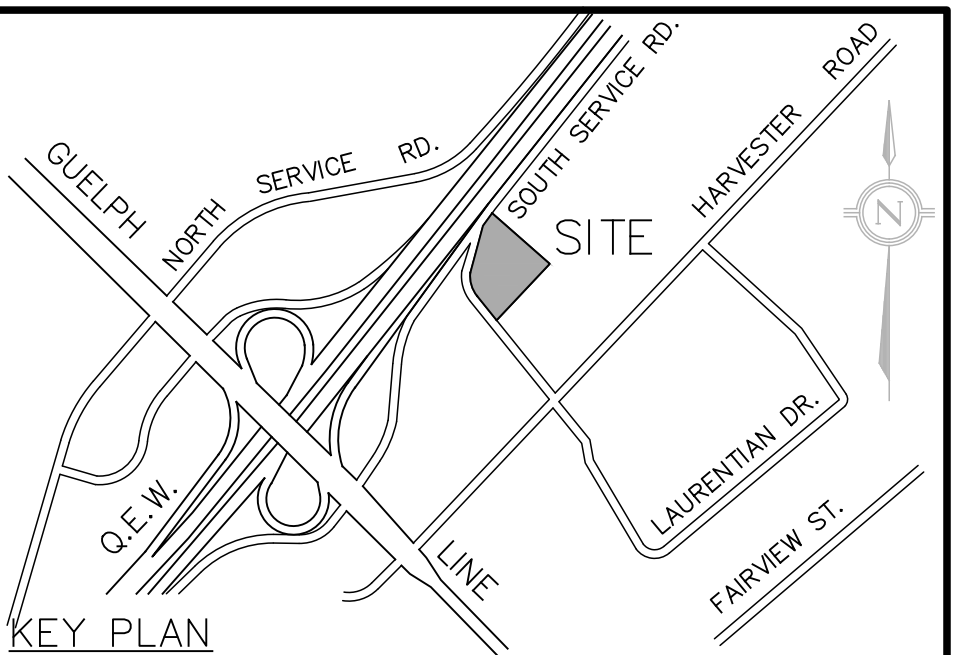


GRADING NOTES

1. ALONG ADJOINING PROPERTIES GRADE TO MEET EXISTING OR PROPOSED ELEVATIONS WITH SODDED SLOPES (MIN. 3H TO 1V) AND/OR RETAINING WALLS AS SPECIFIED.
2. UNLESS OTHERWISE NOTED, THE GROUND BETWEEN PROPOSED ELEVATIONS ON SIDE LOTS SHALL BE GRADED AS A STRAIGHT LINE.
3. ALL FILL PLACED ON LOTS SHALL BE COMPACTED TO A MINIMUM 95% SPD (UNLESS OTHERWISE RECOMMENDED BY THE GEOTECHNICAL ENGINEER). ALL MATERIAL SHALL BE PLACED IN LAYERS NOT EXCEEDING 300mm LIFTS.
4. IF APPLICABLE FOR DELINEATION OF TREE PROTECTION ZONES, BUFFERS, REMOVALS AND PROTECTION SCHEMATICS, ETC., REFER TO TREE PROTECTION PLAN (BY LANDSCAPE ARCHITECT).
5. LOT GRADING SHALL CONFORM STRICTLY WITH THIS PLAN. ANY CHANGES, UNLESS APPROVED PRIOR TO CONSTRUCTION BY THE CITY, SHALL RESULT IN NON ACCEPTANCE BY THE CITY.

SITE GRADING & PARKING LOT NOTES

1. REFER TO TURNER FLEISCHER ARCHITECTS INC SITE PLAN FOR DETAILS AND SPECIFICATIONS FOR WALKWAYS, SIDEWALKS, CURBS AND ISLANDS AS WELL AS LAYOUT DIMENSIONS.
2. ALL DIMENSIONS AND ELEVATIONS TO BE VERIFIED PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES FOUND PRIOR TO OR DURING CONSTRUCTION SHALL BE CLARIFIED WITH THE ENGINEER
3. THIS PLAN SHOULD BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANT'S PLANS. ANY DISCREPANCIES SHALL BE CLARIFIED PRIOR TO CONSTRUCTION. INFORMATION RELATED TO DIMENSIONS FOR PRIVATE ROAD, PARKING, CURBING AND SETBACKS SHALL BE TAKEN FROM THE SITE PLAN PREPARED BY TURNER FLEISCHER ARCHITECTS INC.
4. HEIGHT OF CURB IS TO BE 150mm AS PER STANDARD DETAILS UNLESS OTHERWISE SHOWN ON GRADING PLAN
5. ALL ASPHALTIC MATERIAL FOR PAVEMENT DESIGN SHALL CONFORM WITH OPSS 1150 AND ALL GRANULAR MATERIAL FOR PAVEMENT DESIGN SHALL CONFORM WITH OPSS 1010.
6. HEAVY DUTY PAVEMENT DESIGN (FIRE/TRUCK ROUTES AND TRUCK PARKING)
 - 50mm HL3 SURFACE
 - 65mm HL8 BINDER
 - 150mm 19mm CRUSHER RUN LIMESTONE
 - 300mm 50mm CRUSHER RUN LIMESTONE
7. LIGHT DUTY PAVEMENT DESIGN (CAR PARKING AREAS)
 - 30mm HL3 SURFACE
 - 40mm HL8 BINDER
 - 150mm 19mm CRUSHER RUN LIMESTONE
 - 300mm 50mm CRUSHER RUN LIMESTONE
8. GRANULAR SUB-BASE AND BASE MATERIALS SHOULD BE UNIFORMLY COMPACTED TO AT LEAST 100% S.P.M.D.D. IN LIFTS OF 150mm OR LESS.
9. ASPHALTIC MATERIALS SHOULD BE COMPACTED TO AT LEAST 97% MARSHALL BULK DENSITIES.
10. THE CONTRACTOR SHALL FOLLOW THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT (INCLUDING ANY AMENDMENT) PREPARED FOR THIS PROJECT.
11. THE SUBGRADE SHALL BE CAREFULLY PROOF ROLLED TO A SMOOTH SURFACE AND SLOPED TOWARDS THE CATCHBASINS TO PREVENT PONDING OR ENTRAPMENT OF WATER IN THE SUB-BASE.
12. PERFORATED CONTINUOUS SUBDRAINS ARE TO BE PLACED ALONG THE SIDES OF THE HEAVY DUTY PAVEMENT TO PROMOTE DRAINAGE OF THE GRANULAR MATERIAL AND SHALL BE CONNECTED TO THE STORM SEWER SYSTEM. CONTRACTOR IS TO ENSURE POSITIVE DRAINAGE IN THE SUBDRAINS.
13. PERFORATED SUB DRAINS ARE TO BE CONNECTED TO INTERNAL CATCHBASINS IN A QUADRANT FORMATION AND SHOULD EXTEND AT LEAST 3 METERS IN ALL DIRECTIONS EXCEPT IN THE BOULEVARD AREAS.
14. ALL PERFORATED SUBDRAINS AND SUB DRAINS SHALL BE PLACED AT LEAST 300mm BELOW THE BOTTOM OF THE SUB-BASE AND CONNECTED TO THE CATCHBASINS TO PROVIDE POSITIVE DRAINAGE. SUBDRAIN PIPE TO BE 100mm PERFORATED, CORRUGATED, PLASTIC ENCASED IN FILTER FABRIC "SOCK" AS PER OPSS 405 AND 1860. BACKFILL WITH HL6 STONE.
15. ALL BOULEVARDS SHALL BE SODDED ON 150mm TOPSOIL.
16. FOR SLEEVING INFORMATION OF IRRIGATION SYSTEM REFER TO LANDSCAPE ARCHITECTS PLAN.



LEGEND

- PROPOSED CATCHBASIN
- PROPOSED DOUBLE CATCHBASIN
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED AREA DRAIN
- PROPOSED STORM MANHOLE
- PROPOSED SANITARY MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED VALVE & BOX
- EXISTING ELEVATION
- EXISTING ELEVATION TO REMAIN
- PROPOSED FINISHED ELEVATION
- EXISTING ELEVATION (INTERPOLATED)
- PROPOSED DRAINAGE DIRECTION
- PROPOSED OVERLAND FLOW DIRECTION
- PROPOSED SLOPE
- PROPOSED RETAINING WALL
- PROPERTY BOUNDARY
- PROPOSED STREET LIGHT (BY OTHERS)
- EMERGENCY PONDING LIMITS (SPILL)

ISSUED FOR SITE PLAN APPLICATION

NOT FOR CONSTRUCTION

NO.	DATE	BY/DRAWN	REVISIONS
1	26/06/10	MW/NH	ISSUED FOR 1ST SITE PLAN APPLICATION
CAD FILE:	189805.dwg	PLOT SCALE:	1:1
		PLOT DATE:	Jun 10, 2026

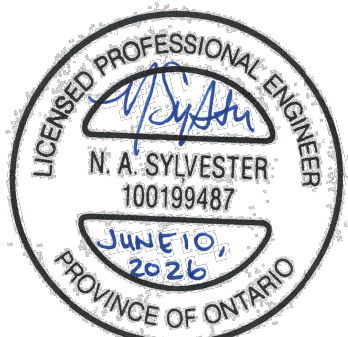
BENCHMARK

ELEVATIONS ARE REFERRED TO THE CITY OF BURLINGTON BENCHMARK NO. 477, HAVING AN ELEVATION OF 103.576 m.

NOTE

THE SURVEY WAS COMPLETED ON THE 7TH DAY OF SEPTEMBER, 2021 BY J.H. GELBLOOM SURVEYING LIMITED, ONTARIO LAND SURVEYOR. PROJECT NO. 21-265

SCALE 1:300



DESIGNED BY

APPROVED BY

CONSULTANT

TRAFALGAR ENGINEERING
#201-481 MORDEN ROAD, OAKVILLE, ON, L6K 3W6
www.trafalgareng.com

PROJECT TITLE

DATA CENTER

LOCATION

3110 SOUTH SERVICE ROAD
BURLINGTON, ON

DRAWING TITLE

GRADING PLAN

SCALE	1:300	DESIGN BY	MW	PROJECT No.	1898
DRAWN BY	NH	CHECKED BY	NS	PLAN No.	G1
DATE	2026-05-13	SHEET	1 OF 1		