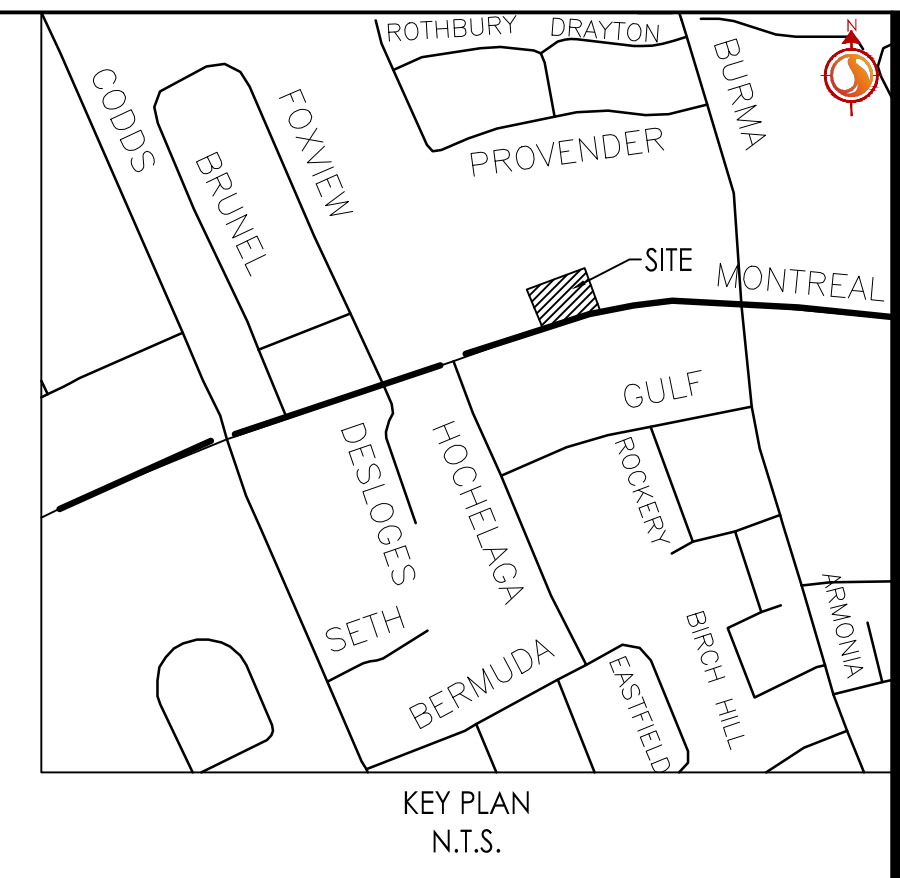




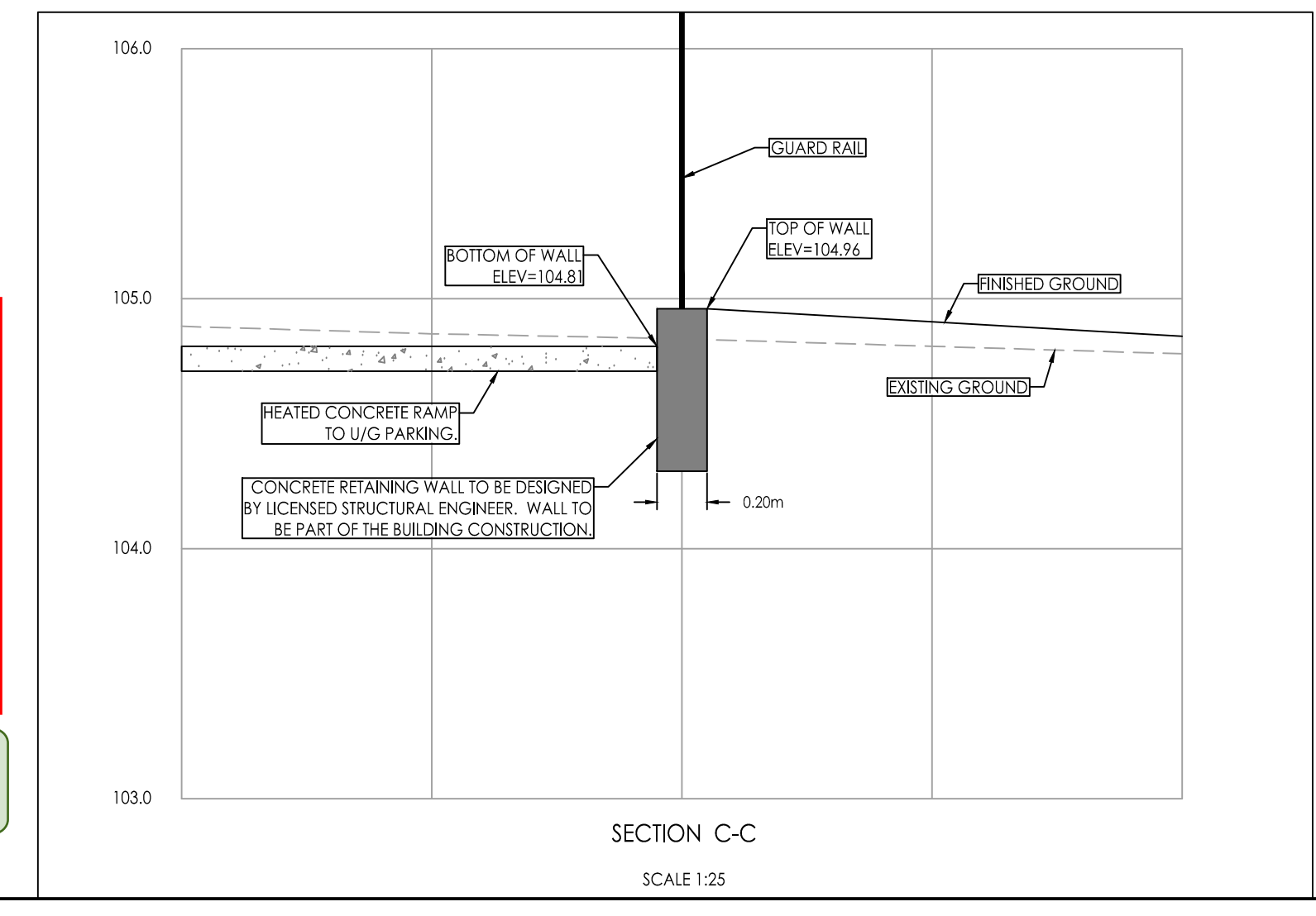
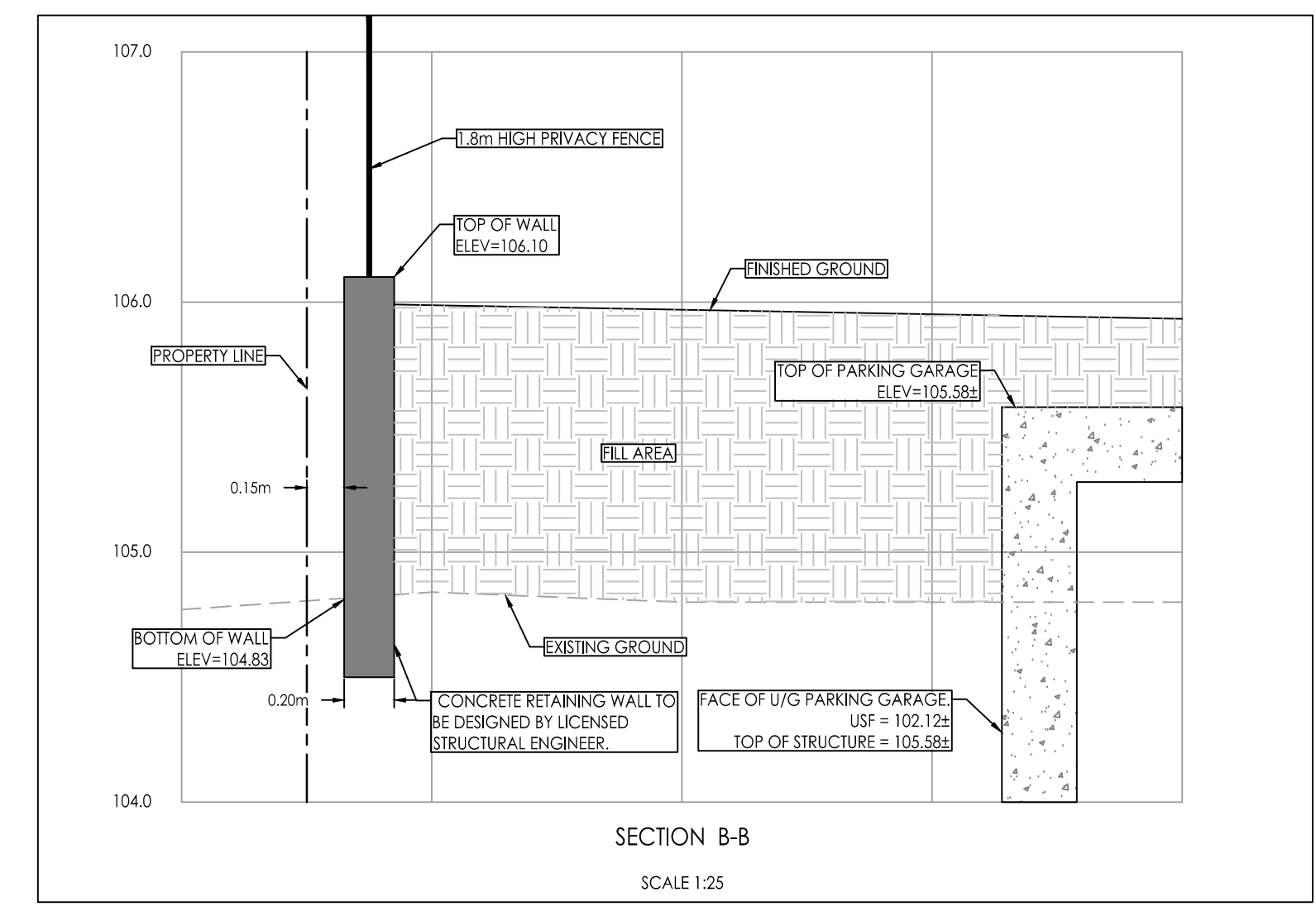
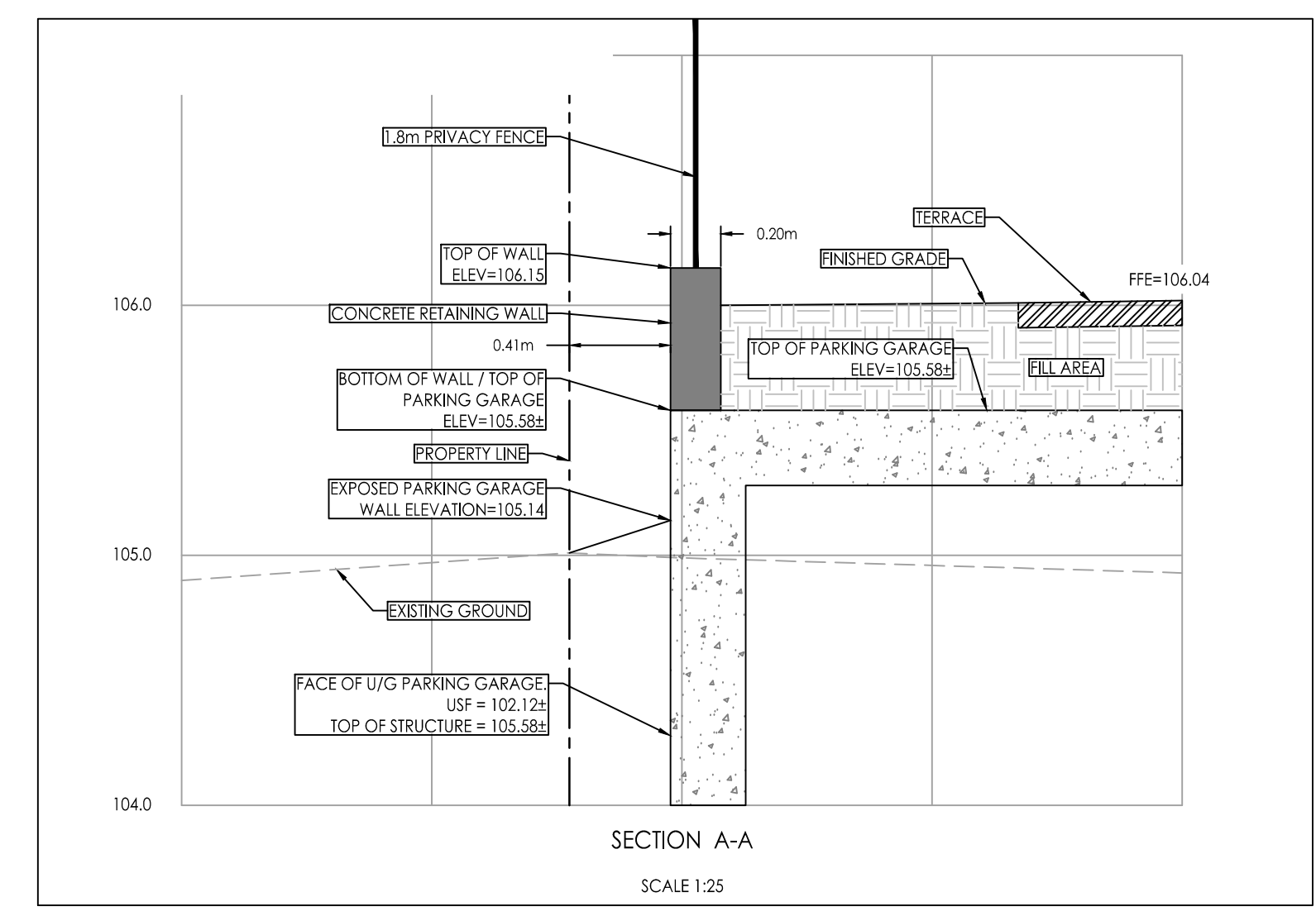
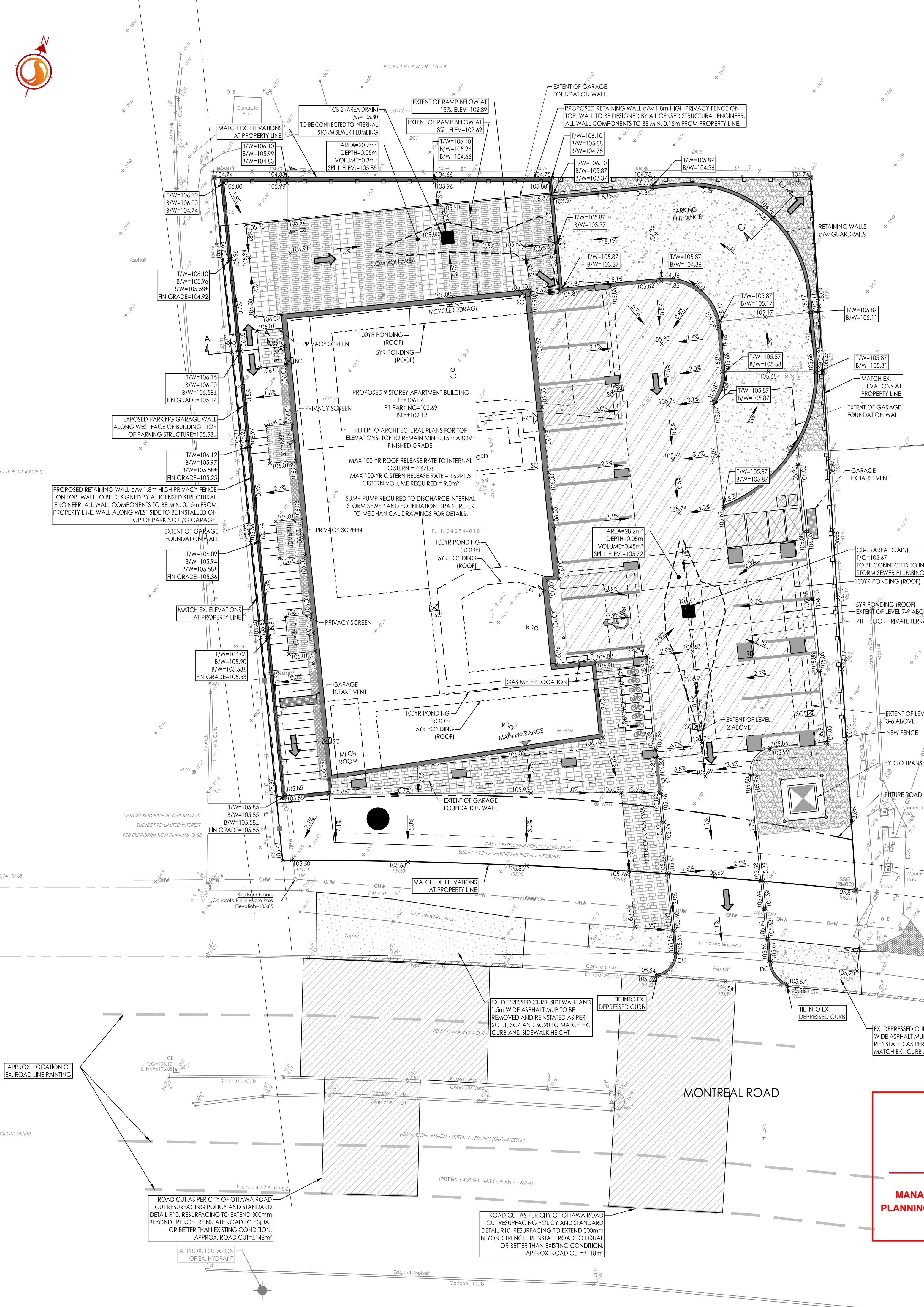
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**Legend**

- X 99.99 ORIGINAL GROUND ELEVATION
- X 99.99 PROPOSED ELEVATION
- X 99.99 PROPOSED LOT CORNER ELEVATION
- X 99.99 EXISTING ELEVATION AT LOT CORNER
- 2.0% FLOW DIRECTION AND GRADE
- FF=99.99 FINISHED FIRST FLOOR ELEVATION
- TOP=99.99 TOP OF FOUNDATION ELEVATION
- USF=99.99 UNDERSIDE OF FOOTING ELEVATION
- TERRACING 3:1 SLOPE MAXIMUM (UNLESS OTHERWISE SHOWN)
- PROPOSED SWALE
- PROPOSED VALVE BOX
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM SEWER MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED DEPRESSED CURB LOCATION
- MAX PONDING LIMITS
- SC APPROXIMATE LOCATION OF PROPOSED SCUPPER. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- RD APPROXIMATE LOCATION OF PROPOSED ROOF DRAIN. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
- CONCRETE PAVING OVER U/G PARKING GARAGE  
150mm - CONCRETE LAYER  
100mm - (2 x 50mm) EXTRUDED POLYSTYRENE INSULATION SHIPLAPPED  
10mm - DRAINAGE BOARD  
6mm - MONOLITHIC MEMBRANE SYSTEM  
266mm TOTAL THICKNESS



- SITE GRADING**
- ALL GRANULAR BASE & SUB BASE COURSE MATERIALS SHALL BE COMPACTED TO 100% STANDARD PROCTOR MAX. DRY DENSITY.
  - ALL DISTURBED GRASSED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER, WITH SOO ON MIN. 100mm TOPSOIL. THE RELOCATION OF TREES AND SHRUBS SHALL BE SUBJECT TO APPROVAL BY THE PROJECT LANDSCAPE ARCHITECT OR ENGINEER.
  - INSPECTIONS: ALL WORK ON THE MUNICIPAL RIGHT OF WAY AND EASEMENTS TO BE INSPECTED BY THE MUNICIPALITY PRIOR TO BACKFILLING. ALL WORK RELATING TO WATERMAINS AND SEWERS TO BE INSPECTED BY THE MUNICIPALITY WHEN REQUIRED.
  - REFER TO ARCHITECTURAL SITE PLAN FOR DIMENSIONS AND SITE DETAILS.
  - CONTRACTOR TO OBTAIN A ROAD OCCUPANCY PERMIT 48 HOURS PRIOR TO COMMENCING ANY WORK WITHIN THE MUNICIPAL ROAD ALLOWANCE IF REQUIRED BY THE MUNICIPALITY.
  - EMBANKMENTS TO BE SLOPED AT MIN. 3:1, UNLESS OTHERWISE SPECIFIED.
  - ALL TREES ON THE RIGHT-OF-WAY ARE TO BE MAINTAINED BEFORE AND AFTER CONSTRUCTIONS AND ALL TREES WITHIN THE PROPERTY SHALL BE PROTECTED AS PER THE MUNICIPAL TREES AND NATURAL AREAS PROTECTION BY-LAW AND THE URBAN TREES CONSERVATION BY-LAW AS AMENDED FROM TIME TO TIME.
  - ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. REVIEW WITH ARCHITECT AND THE CITY OF OTTAWA PRIOR TO TREE CUTTING.
  - SUB-EXCAVATE SOFT AREAS & FILL WITH GRANULAR B' COMPACTED IN 0.15m LAYERS.
  - NO ALTERATION TO EXISTING GRADES OR DRAINAGE PATTERN ON PROPERTY LINE MAY BE MADE WHERE NO PERMISSION TO ENTER ADJACENT PROPERTY EXISTS.
  - NO EXCESS DRAINAGE DURING AND AFTER CONSTRUCTION. IS TO BE DIRECTED TOWARDS NEIGHBOURING PROPERTIES.
  - UNDERSIDE OF FOOTING TO HAVE MINIMUM COVER OF 1.5m. WHERE SUFFICIENT COVER IS NOT PROVIDED, FOOTINGS ARE TO BE INSULATED TO PROVIDED EQUIVALENT INSULATION.
  - PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH OPSD 509.010 AND OPSD 310.
  - ALL RETAINING WALLS GREATER THAN 1.0m IN HEIGHT ARE TO BE DESIGNED, APPROVED, AND STAMPED BY STRUCTURAL ENGINEER.
  - FENCES OR RAILINGS ARE REQUIRED FOR RETAINING WALLS GREATER THAN 0.6m IN HEIGHT.
  - PAVEMENT CONSTRUCTION AS PER GEOTECHNICAL INVESTIGATION 200543 PREPARED BY KOLLAR ASSOCIATES DATED FEBRUARY 8, 2022.



**Notes**

5	REVISED AS PER CITY COMMENTS	WAJ	KJK	23.02.13
4	REVISED AS PER CITY COMMENTS	WAJ	KJK	22.07.28
3	REVISED AS PER CITY COMMENTS	MJS	DT	22.03.07
2	ISSUED TO ARCHITECTURE FOR COORDINATION	MJS	KJK	22.02.03
1	ISSUED FOR REVIEW	WAJ	KJK	21.06.18

**Revision**

By	Appd.	YY.MM.DD

File Name: 160401667-DB.dwg  
Dwn. Chkd. Dgn. YY.MM.DD

**Permit-Seal**

WAJ	KJK	WAJ	21.04.22
Dwn.	Chkd.	Dgn.	YY.MM.DD

Client/Project  
12318407 CANADA INC.

971 MONTREAL ROAD  
OTTAWA, ON

Title  
GRADING PLAN

Project No. 160401667  
Scale 0 1.5 4.5 7.5m  
1:150

Drawing No. GP-1  
Sheet 3 of 5  
Revision 5  
D07-12-21-0094  
PLAN # 18536

*Andrew McCreight*

**ANDREW MCCREIGHT  
MANAGER (A), DEVELOPMENT REVIEW CENTRAL  
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT  
DEPARTMENT, CITY OF OTTAWA**

**APPROVED**  
By Andrew McCreight at 3:47 pm, Jan 03, 2024