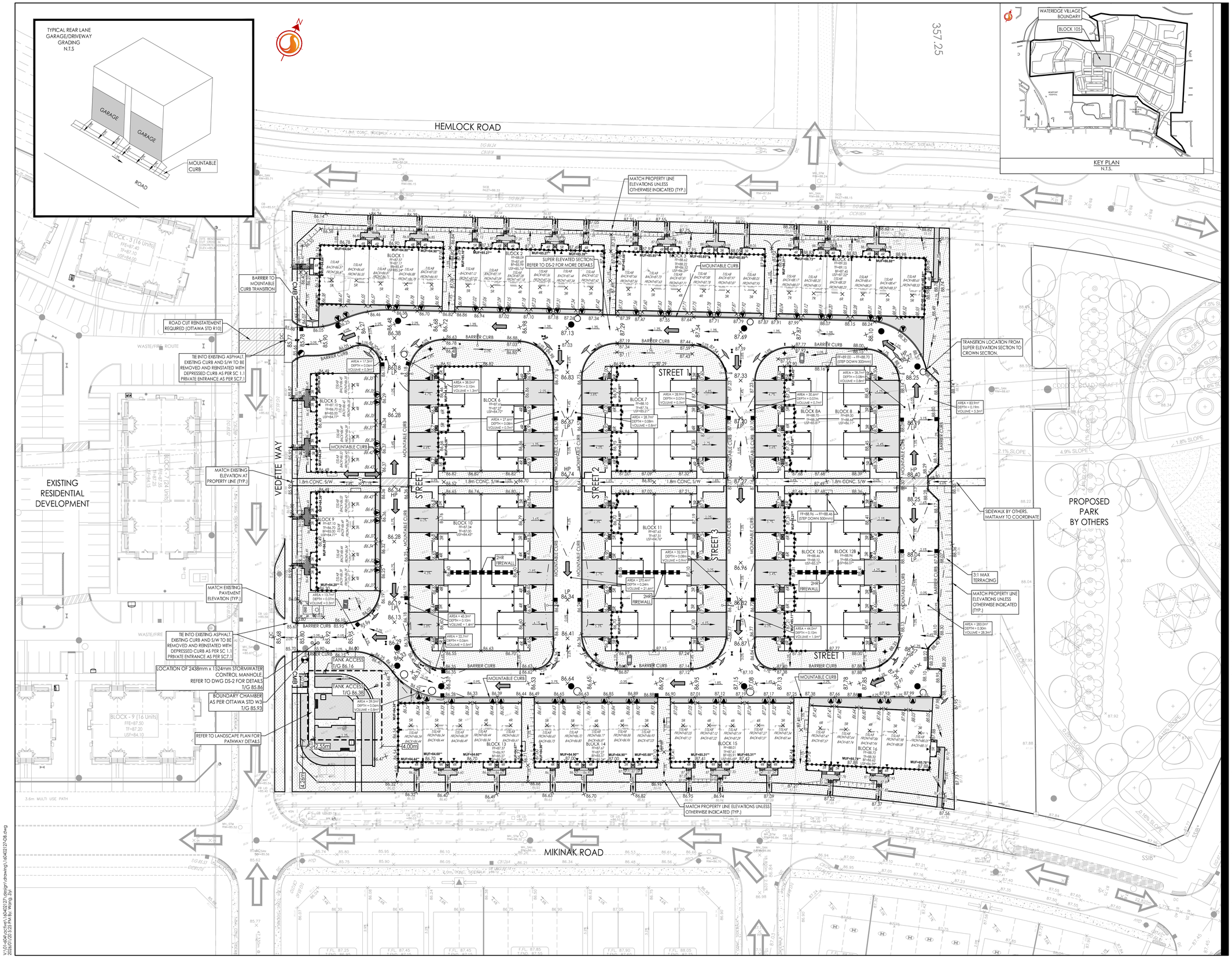

Stantec

Stantec Consulting Ltd.
400 - 1331 Clyde Avenue
Ottawa ON
Tel. 613.722.4420
www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Legend

- 99.99 — ORIGINAL GROUND ELEVATION
- 99.99 — PROPOSED ELEVATION
- 99.99 / 99.89 — PROPOSED LOT CORNER ELEVATION / EXISTING ELEVATION AT LOT CORNER
- 2.0% — FLOW DIRECTION AND GRADE
- FFE=97.00 — FINISHED FIRST FLOOR ELEVATION
- TF=97.00 — TOP OF FOUNDATION ELEVATION
- BF=97.00 — BASEMENT FLOOR ELEVATION
- USF=97.00* — (*)UNDERSIDE OF FOOTING ELEVATION - ENTIRE BLOCK
- MUIF=97.00** — (**)MITIGATED UNDERSIDE OF FOOTING ELEVATION
- FOOTING SEGMENT SUBJECT TO TREE PROTECTION MITIGATION. REFER TO GEOTECHNICAL REPORT PG7353-1, MEMO.01
- 3:1 — TERRACING 3:1 SLOPE MAXIMUM (UNLESS OTHERWISE SHOWN)
- DIRECTION OF OVERLAND FLOW
- PROPOSED VALVE BOX
- PROPOSED VALVE CHAMBER
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM SEWER MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- D.C. — PROPOSED DEPRESSED CURB LOCATION
- PROPOSED BARRIER CURB
- HEAVY DUTY ASPHALT.
- OVERLAND SPILL LOCATION
- TWSI LOCATION AS PER CITY STD
- EXISTING LOT SIDE OVERLAND FLOW ROUTE
- EXISTING ROADSIDE OVERLAND FLOW ROUTE
- BARRIER CURB / MOUNTABLE CURB — PROPOSED MOUNTABLE/BARRIER CURB TRANSITIONS

Notes

1. TOPOGRAPHIC SURVEY SUPPLIED BY J.D BARNES LTD. DATED APRIL 24, 2025.
2. SITE PLAN PREPARED BY KORSIAK URBAN PLANNING, DATED 2025-09-30, TITLED: SITE PLAN, DRAWING No.A.
3. REFER TO GEOTECHNICAL REPORT PG7353-1, MEMO 01 (DATED OCTOBER 30, 2025) FOR TREE PROTECTION RECOMMENDATIONS AND MITIGATION RELATED TO PROPOSED BUILDING FOUNDATIONS
6. MUF (MITIGATED UNDERSIDE OF FOOTING): REPRESENTS THE MAXIMUM ALLOWABLE USF ELEVATION FOR FOUNDATIONS WITHIN 10m OF PROPOSED TREES. USE MUF ELEVATIONS TO SET SANITARY, STORM, AND WATER SERVICE INVERTS AT THESE LOCATIONS. FOR ALL OTHER AREAS, USE THE STANDARD USF ELEVATIONS SHOWN ON THE DRAWINGS.
7. ACCESS LANES AND LOCAL ROADWAYS
   40mm ML3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
   50mm HL8 OR SUPERPAVE 19.0 ASPHALTIC CONCRETE
   150mm OPSS GRANULAR A BASE
   400mm OPSS GRANULAR B TYPE I OR II
   CAR ONLY PARKING AREAS
   50mm ML3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
   150 OPSS GRANULAR 'A' BASE
   300 OPSS GRANULAR 'B' TYPE I OR II
8. GRADING RELATIONSHIPS
   B2B TOWNS
   FFE - TFW = 0.34m
   FFE - USF = 2.89m
   REAR LANE TOWNS
   FFE - TFW = 2.40m
   FFE - USF = 2.33m

Revision

		By	Appd.	YY.MM.DD
5	ISSUED FOR THIRD SUBMISSION SPA	ZW	PM	26.01.20
4	REVISED W3 CHAMBER	JP	PM	25.11.25
3	ISSUED FOR CITY REVIEW	JP	PM	25.11.03
2	ISSUED FOR CITY REVIEW	JP	PM	25.07.04
1	ISSUED FOR CITY REVIEW	JP	PM	25.04.04

File Name: 160402127-DB	JP	PM	JP	25.03.24
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
P.MOROZ
90493552
2026-01-21
PROVINCE OF ONTARIO

Client/Project

MATTAMY HOMES

WATERIDGE VILLAGE
BLOCK 105
OTTAWA, ON, CANADA

Title

GRADING PLAN

Project No.	Scale	
160402127	1:400 (0 4 12 20m)	
Drawing No.	**Sheet**	**Revision**
GP-1	4 of 11	4

PLAN # 19303

D07-12-25-0063

V:\01-60\active\160402127\design\drawings\160402127-DB.dwg
2026/01/20 5:53 PM By: Wang, Ivy

ORIGINAL SHEET - ARCH D