INTERCEPT SWALE TO BE CONSTRUCTED WITHIN PARK LANDS (AS SHOWN) TO MAINTAIN EXISTING DRAINAGE CONDITIONS BETWEEN ADJACENT HIGHER PARK GRADES AND PROPOSED SITE GRADING. SWALE IS INTENDED TO INTERCEPT AND SAFELY CONVEY SURFACE RUNOFF ALONG THE INTERFACE WITHOUT ALTERING EXISTING DRAINAGE PATTERNS BEYOND THE LIMIT OF WORK.

GRADING BEYOND THE LIMIT OF WORK SHALL REMAIN UNCHANGED. FINAL SWALE ELEVATIONS SHALL BLEND SMOOTHLY WITH EXISTING PARK GRADES. SIDE SLOPES SHALL NOT EXCEED 3:1 UNLESS OTHERWISE NOTED. SWALE TO BE VEGETATED IMMEDIATELY POST-CONSTRUCTION TO PROVIDE EROSION PROTECTION AND LONG-TERM STABILIZATION. CONTRACTOR SHALL VERIFY EXISTING GRADES IN FIELD AND ADJUST LOCALLY AS REQUIRED TO ENSURE CONTINUOUS POSITIVE DRAINAGE.

INFILTRATION TRENCH AND SUBDRAIN TO BE WRAPPED IN NON-WOVEN GEOTEXTILE. PROVIDE CLEANOUTS AT LOWPOINTS AND AT ALL BENDS AS PER S30, AND S31

PROVIDE A MINIMUM 2.0m WIDE LEVEL BENCH AT TOP OF EMBANKMENT.

CBMH 119C (120020) T/G=88.05

STM 119A T/G=90.49

KISHKABIKA PARK

PROPOSED TERRACING AT MAXIMUM 3:1 SLOPES TO TRANSITION BETWEEN PROPOSED SITE GRADES AND EXISTING PARK TOPOGRAPHY. TERRACED SLOPES TO MATCH ADJACENT PARK GRADES AND MAINTAIN EXISTING DRAINAGE PATTERNS AND POSITIVE OVERLAND FLOW CONDITIONS. EMBANKMENT SIDE SLOPES TO BE VEGETATED IMMEDIATELY POST CONSTRUCTION TO PROVIDE EROSION PROTECTION DURING SEASONAL FLUCTUATIONS AND FROM SURFACE WATER RUNOFF. ALL DISTURBED AREAS TO BE STABILIZED AND REINSTATED TO MATCH EXISTING PARK CONDITIONS.

PROVIDE A MINIMUM 2.0m WIDE LEVEL BENCH AT TOP OF EMBANKMENT.

PROPOSED LIMIT OF WORK TO BE CONFIRMED BY MATTAMY HOMES

EXTENT OF AREA WITHIN PARK LIMITS TO BE REGRADED TO TRANSITION BETWEEN PROPOSED SITE GRADES AND EXISTING PARK TOPOGRAPHY WHILE MAINTAINING EXISTING DRAINAGE INTENT AND PROVIDING POSITIVE DRAINAGE TOWARD THE LOW SIDE OF EMBANKMENT. FINAL GRADES TO TIE INTO APPROX. ELEV. 88.00 AS SHOWN. ALL REGRADING TO BE STABILIZED AND RESTORED TO MATCH ADJACENT PARK CONDITIONS.

EXTENT OF AREA WITHIN PARK LIMITS TO BE REGRADED TO TRANSITION BETWEEN PROPOSED SITE GRADES AND EXISTING PARK TOPOGRAPHY WHILE MAINTAINING EXISTING DRAINAGE INTENT AND PROVIDING POSITIVE DRAINAGE TOWARD THE LOW SIDE OF EMBANKMENT. FINAL GRADES TO TIE INTO APPROX. ELEV. 89.00 AS SHOWN. ALL REGRADING TO BE STABILIZED AND RESTORED TO MATCH ADJACENT PARK CONDITIONS.

INFILTRATION TRENCH AND SUBDRAIN TO BE WRAPPED IN NON-WOVEN GEOTEXTILE. PROVIDE CLEANOUTS AT LOWPOINTS AND AT ALL BENDS AS PER S30, AND S31

PROPOSED GRADING WITHIN HYDRO EASEMENT TO BE COORDINATED WITH HYDRO.

PROPOSED TERRACING AT MAXIMUM 3:1 SLOPES TO TRANSITION BETWEEN PROPOSED SITE GRADES AND EXISTING PARK TOPOGRAPHY. TERRACED SLOPES TO MATCH ADJACENT PARK GRADES AND MAINTAIN EXISTING DRAINAGE PATTERNS AND POSITIVE OVERLAND FLOW CONDITIONS. EMBANKMENT SIDE SLOPES TO BE VEGETATED IMMEDIATELY POST CONSTRUCTION TO PROVIDE EROSION PROTECTION DURING SEASONAL FLUCTUATIONS AND FROM SURFACE WATER RUNOFF. ALL DISTURBED AREAS TO BE STABILIZED AND REINSTATED TO MATCH EXISTING PARK CONDITIONS.

TIE INTO EXISTING ASPHALT ELEVATION

MATCH PROPERTY LINE ELEVATIONS UNLESS OTHERWISE INDICATED (TYP.)

TIE INTO EXISTING ASPHALT, EXISTING CURB AND S/W TO BE REMOVED AND REINSTATED WITH DEPRESSED CURB AS PER SC 1.1 PRIVATE ENTRANCE AS PER SC7.1

REINSTATE ROAD CUT AS PER OTTAWA STD R10. DAMAGES TO SIDEWALKS, CURBS, TWSIS TO BE REINSTATED TO ORIGINAL OR BETTER CONDITIONS TO THE SATISFACTION OF THE CITY INSPECTOR.

TIE INTO EXISTING ASPHALT, EXISTING CURB AND S/W TO BE REMOVED AND REINSTATED WITH DEPRESSED CURB AS PER SC 1.1 PRIVATE ENTRANCE AS PER SC7.1

MATCH PROPERTY LINE ELEVATIONS UNLESS OTHERWISE INDICATED (TYP.)

TANAKIWIN NATURAL PARK

CODD'S ROAD

BAREILLE SNOW STREET

MICHAEL STOQUA STREET

STREET 1 STREET 2 STREET 3 STREET 4 STREET 5 STREET 6 STREET 7

BLOCK AREA = 3,248 sqm
RETAIL AREA = 2,312 sqm

SITE LOCATION

WATERIDGE VILLAGE BOUNDARY

KEY PLAN
N.T.S.

Legend

- 99.99 — ORIGINAL GROUND ELEVATION
- 99.99 — PROPOSED ELEVATION
- 99.99 / 88.88 — PROPOSED LOT CORNER ELEVATION / EXISTING ELEVATION AT LOT CORNER
- 2.0% — FLOW DIRECTION AND GRADE
- FFE=100.00 — FINISHED FIRST FLOOR ELEVATION
- TF=97.00 — TOP OF FOUNDATION WALL ELEVATION
- BF=97.00 — BASEMENT FLOOR ELEVATION
- USF=97.00 — UNDERSIDE OF FOOTING ELEVATION
- EF — ENGINEERED FILL REQUIRED
- 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/MOUNTABLE CURB
- 100 YR PONDING AREA
- PROPOSED 2 HR FIREWALL LOCATION
- TWSI LOCATION AS PER CITY STD
- EXISTING ROADSIDE OVERLAND FLOW ROUTE
- BARRIER CURB / MOUNTABLE CURB — PROPOSED MOUNTABLE/BARRIER CURB TRANSITIONS

Notes

1. SITE PLAN PREPARED BY KORSIAK URBAN PLANNING, DATED 2026-03-13, TITLED: SITE PLAN, DRAWING No.A.
2. REFER TO GEOTECHNICAL REPORT PG6331-1, REV 01 (DATED AUGUST 20, 2024)
3. ACCESS LANES AND LOCAL ROADWAYS
   40mm HL3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
   50mm HL8 OR SUPERPAVE 19.0 ASPHALTIC CONCRETE
   150mm OPSS GRANULAR A BASE
   450mm OPSS GRANULAR B TYPE I OR II

   CAR ONLY PARKING AREAS
   50mm HL3 OR SUPERPAVE 12.5 ASPHALTIC CONCRETE
   150 OPSS GRANULAR 'A' BASE
   300 OPSS GRANULAR 'B' TYPE I OR II
4. GRADING RELATIONSHIPS

   B28 TOWNS
   FFE - TFW = 0.34m
   FFE - USF = 2.89m

   REAR LANE TOWNS
   FFE - TFW = 0.40m
   FFE - USF = 2.33m

1	ISSUED FOR CITY REVIEW	JP	PM	26.03.23
Revision		By	Appd.	YY.MM.DD
File Name: 160402276-D8		JP	PM	JP 26.02.05
		Dwn.	Chkd.	Dsgn. YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER — P.MOROZ — 90493552 — 2026-03-24 — PROVINCE OF ONTARIO

Client/Project
MATTAMY HOMES

WATERIDGE VILLAGE
BLOCK 23
OTTAWA, ON, CANADA

Title
GRADING PLAN

Project No. 160402276
Scale 1:500 (0 5 15 25m)
Drawing No. GP-1
Sheet 4 of 14
Revision 1
PLAN # XXXXX

D07-XX-XX-XXXX

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2026/03/24 2:35 PM By: Padraig Jupiter
ORIGINAL SHEET - ARCH D