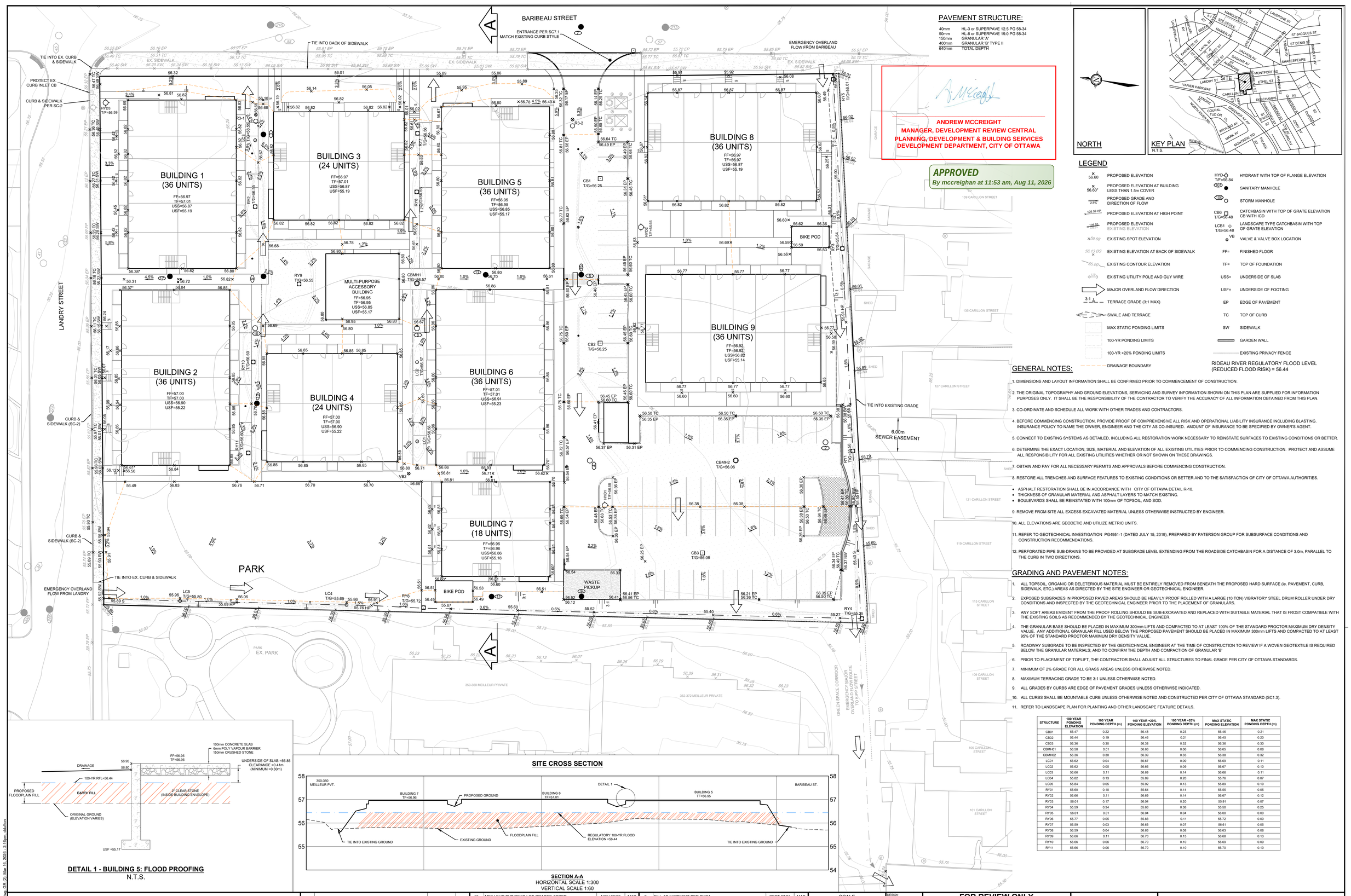


PAVEMENT STRUCTURE:

40mm	HL-3 or SUPERPAVE 12.5 PG 58-34
50mm	HL-8 or SUPERPAVE 19.0 PG 58-34
150mm	GRANULAR 'A'
400mm	GRANULAR 'B' TYPE II
640mm	TOTAL DEPTH

ANDREW MCCREIGHT
MANAGER, DEVELOPMENT REVIEW CENTRAL
PLANNING, DEVELOPMENT & BUILDING SERVICES
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By mccreighan at 11:53 am, Aug 11, 2026

NORTH

KEY PLAN
N.T.S.

LEGEND

- 56.60 — PROPOSED ELEVATION
- 56.60* — PROPOSED ELEVATION AT BUILDING LESS THAN 1.5m COVER
- 2.0% — PROPOSED GRADE AND DIRECTION OF FLOW
- 105.59 HP — PROPOSED ELEVATION AT HIGH POINT
- 105.53 / 105.63 — PROPOSED ELEVATION / EXISTING ELEVATION
- 55.88 — EXISTING SPOT ELEVATION
- 56.13 BS — EXISTING ELEVATION AT BACK OF SIDEWALK
- 55.00 — EXISTING CONTOUR ELEVATION
- EXISTING UTILITY POLE AND GUY WIRE
- MAJOR OVERLAND FLOW DIRECTION
- 3:1 — TERRACE GRADE (3:1 MAX)
- SWALE AND TERRACE
- MAX STATIC PONDING LIMITS
- 100-YR PONDING LIMITS
- 100-YR +20% PONDING LIMITS
- DRAINAGE BOUNDARY
- HYD — HYDRANT WITH TOP OF FLANGE ELEVATION
- MH — SANITARY MANHOLE
- 100 — STORM MANHOLE
- CB6 T/G=56.48 — CATCHBASIN WITH TOP OF GRATE ELEVATION CB WITH ICD
- LCB1 T/G=56.48 — LANDSCAPE TYPE CATCHBASIN WITH TOP OF GRATE ELEVATION
- VB — VALVE & VALVE BOX LOCATION
- FF= FINISHED FLOOR
- TF= TOP OF FOUNDATION
- USS= UNDERSIDE OF SLAB
- USF= UNDERSIDE OF FOOTING
- EP EDGE OF PAVEMENT
- TC TOP OF CURB
- SW SIDEWALK
- GARDEN WALL
- EXISTING PRIVACY FENCE

RIDEAU RIVER REGULATORY FLOOD LEVEL (REDUCED FLOOD RISK) = 56.44

GENERAL NOTES:

1. DIMENSIONS AND LAYOUT INFORMATION SHALL BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE ORIGINAL TOPOGRAPHY AND GROUND ELEVATIONS, SERVICING AND SURVEY INFORMATION SHOWN ON THIS PLAN ARE SUPPLIED FOR INFORMATION PURPOSES ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACCURACY OF ALL INFORMATION OBTAINED FROM THIS PLAN.
3. CO-ORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
4. BEFORE COMMENCING CONSTRUCTION, PROVIDE PROOF OF COMPREHENSIVE ALL RISK AND OPERATIONAL LIABILITY INSURANCE INCLUDING BLASTING. INSURANCE POLICY TO NAME THE OWNER, ENGINEER AND THE CITY AS CO-INSURED. AMOUNT OF INSURANCE TO BE SPECIFIED BY OWNER'S AGENT.
5. CONNECT TO EXISTING SYSTEMS AS DETAILED, INCLUDING ALL RESTORATION WORK NECESSARY TO REINSTATE SURFACES TO EXISTING CONDITIONS OR BETTER.
6. DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME ALL RESPONSIBILITY FOR ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS.
7. OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS BEFORE COMMENCING CONSTRUCTION.
8. RESTORE ALL TRENCHES AND SURFACE FEATURES TO EXISTING CONDITIONS OR BETTER AND TO THE SATISFACTION OF CITY OF OTTAWA AUTHORITIES.
   - ASPHALT RESTORATION SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA DETAIL R-10.
   - THICKNESS OF GRANULAR MATERIAL AND ASPHALT LAYERS TO MATCH EXISTING.
   - BOULEVARDS SHALL BE REINSTATED WITH 100mm OF TOPSOIL, AND SOD.
9. REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL UNLESS OTHERWISE INSTRUCTED BY ENGINEER.
10. ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS.
11. REFER TO GEOTECHNICAL INVESTIGATION PG4951-1 (DATED JULY 15, 2019), PREPARED BY PATERSON GROUP FOR SUBSURFACE CONDITIONS AND CONSTRUCTION RECOMMENDATIONS.
12. PERFORATED PIPE SUB-DRAINS TO BE PROVIDED AT SUBGRADE LEVEL EXTENDING FROM THE ROADSIDE CATCHBASIN FOR A DISTANCE OF 3.0m, PARALLEL TO THE CURB IN TWO DIRECTIONS.

GRADING AND PAVEMENT NOTES:

1. ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED HARD SURFACE (ie. PAVEMENT, CURB, SIDEWALK, ETC.) AREAS AS DIRECTED BY THE SITE ENGINEER OR GEOTECHNICAL ENGINEER.
2. EXPOSED SUBGRADES IN PROPOSED PAVED AREAS SHOULD BE HEAVILY PROOF ROLLED WITH A LARGE (10 TON) VIBRATORY STEEL DRUM ROLLER UNDER DRY CONDITIONS AND INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO THE PLACEMENT OF GRANULARS.
3. ANY SOFT AREAS EVIDENT FROM THE PROOF ROLLING SHOULD BE SUB-EXCAVATED AND REPLACED WITH SUITABLE MATERIAL THAT IS FROST COMPATIBLE WITH THE EXISTING SOILS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
4. THE GRANULAR BASE SHOULD BE PLACED IN MAXIMUM 300mm LIFTS AND COMPACTED TO AT LEAST 100% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE. ANY ADDITIONAL GRANULAR FILL USED BELOW THE PROPOSED PAVEMENT SHOULD BE PLACED IN MAXIMUM 300mm LIFTS AND COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE.
5. ROADWAY SUBGRADE TO BE INSPECTED BY THE GEOTECHNICAL ENGINEER AT THE TIME OF CONSTRUCTION TO REVIEW IF A WOVEN GEOTEXTILE IS REQUIRED BELOW THE GRANULAR MATERIALS; AND TO CONFIRM THE DEPTH AND COMPACTION OF GRANULAR 'B'
6. PRIOR TO PLACEMENT OF TOPLIFT, THE CONTRACTOR SHALL ADJUST ALL STRUCTURES TO FINAL GRADE PER CITY OF OTTAWA STANDARDS.
7. MINIMUM OF 2% GRADE FOR ALL GRASS AREAS UNLESS OTHERWISE NOTED.
8. MAXIMUM TERRACING GRADE TO BE 3:1 UNLESS OTHERWISE NOTED.
9. ALL GRADES BY CURBS ARE EDGE OF PAVEMENT GRADES UNLESS OTHERWISE INDICATED.
10. ALL CURBS SHALL BE MOUNTABLE CURB UNLESS OTHERWISE NOTED AND CONSTRUCTED PER CITY OF OTTAWA STANDARD (SC1.3).
11. REFER TO LANDSCAPE PLAN FOR PLANTING AND OTHER LANDSCAPE FEATURE DETAILS.

STRUCTURE	100 YEAR PONDING ELEVATION	100 YEAR PONDING DEPTH (m)	100 YEAR +20% PONDING ELEVATION	100 YEAR +20% PONDING DEPTH (m)	MAX STATIC PONDING ELEVATION	MAX STATIC PONDING DEPTH (m)
CB01	56.47	0.22	56.48	0.23	56.46	0.21
CB02	56.44	0.19	56.46	0.21	56.45	0.20
CB03	56.36	0.30	56.38	0.32	56.36	0.30
CBMH01	56.58	0.01	56.63	0.06	56.65	0.08
CBMH02	56.36	0.30	56.39	0.33	56.38	0.32
LC01	56.62	0.04	56.67	0.09	56.69	0.11
LC02	56.62	0.05	56.66	0.09	56.67	0.10
LC03	56.66	0.11	56.69	0.14	56.66	0.11
LC04	55.82	0.13	55.89	0.20	55.76	0.07
LC05	55.84	0.05	55.92	0.13	55.89	0.10
RY01	55.60	0.10	55.64	0.14	55.55	0.05
RY02	56.66	0.11	56.69	0.14	56.67	0.12
RY03	56.01	0.17	56.04	0.20	55.91	0.07
RY04	55.59	0.34	55.63	0.38	55.50	0.25
RY05	56.01	0.01	56.04	0.04	56.00	0.00
RY06	55.77	0.05	55.83	0.11	55.72	0.00
RY07	56.59	0.03	56.63	0.07	56.61	0.05
RY08	56.59	0.04	56.63	0.08	56.63	0.08
RY09	56.66	0.11	56.70	0.15	56.68	0.13
RY10	56.66	0.06	56.70	0.10	56.69	0.09
RY11	56.66	0.06	56.70	0.10	56.70	0.10

DETAIL 1 - BUILDING 5: FLOOD PROOFING
N.T.S.

SITE CROSS SECTION

SECTION A-A
HORIZONTAL SCALE 1:300
VERTICAL SCALE 1:60

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

No.	REVISION	DATE	BY
20.	MINOR DESIGN UPDATES	MAR 13/26	MAB
19.	SITE PLAN UPDATE	FEB 26/26	MAB
18.	SITE PLAN UPDATE	OCT 9/24	MAB
17.	CONCEPT UPDATE	JUN 27/24	MAB
16.	MEILLEUR PVT REAR LOT GRADES ADDED	NOV 30/22	MAB
15.	MINOR UPDATES TO BLOCKS 1-4, 9	NOV 16/22	MAB
14.	USF LOWERED BLOCK 1, 2, 3, 4 & 9	JUL 20/22	MAB
13.	SITE PLAN UPDATE	JUL 15/22	MAB
12.	ISSUED FOR ECA	MAR 24/22	MAB
11.	ISSUED FOR BUILDING PERMIT	MAR 2/22	MAB
10.	CITY SUBMISSION - PARK UPDATE	FEB 15/22	MAB
9.	CITY SUBMISSION	OCT 21/21	MAB
8.	FILL ADJUSTMENT PER RVCA	SEPT 27/21	MAB
7.	CITY SUBMISSION	AUG 3/21	MAB
6.	CITY SUBMISSION	JUN 8/21	MAB
5.	CITY SUBMISSION	FEB 5/21	MAB
4.	STORM OUTLET VIA 127 CARILLION	OCT 23/20	MAB
3.	SITE PLAN APPLICATION	AUG 24/20	MAB
2.	RVCA APPROVAL IN PRINCIPAL APPLICATION	MAY 28/20	MAB
1.	ISSUED FOR RVCA REVIEW	MAR 26/20	MAB

SCALE 1:250

DESIGN DTD
CHECKED LRW
DRAWN DTD
CHECKED LRW
APPROVED MAB

FOR REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER — L. R. WILSON — 100160065 — PROVINCE OF ONTARIO

LICENSED PROFESSIONAL ENGINEER — M.A. BISSETT — 2026.03.13 — PROVINCE OF ONTARIO

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CITY OF OTTAWA
DOMINION VILLAGE - 200 BARIBEAU STREET

GRADING PLAN

PROJECT No. 119068
REV REV # 20
DRAWING No. 119068-GR

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