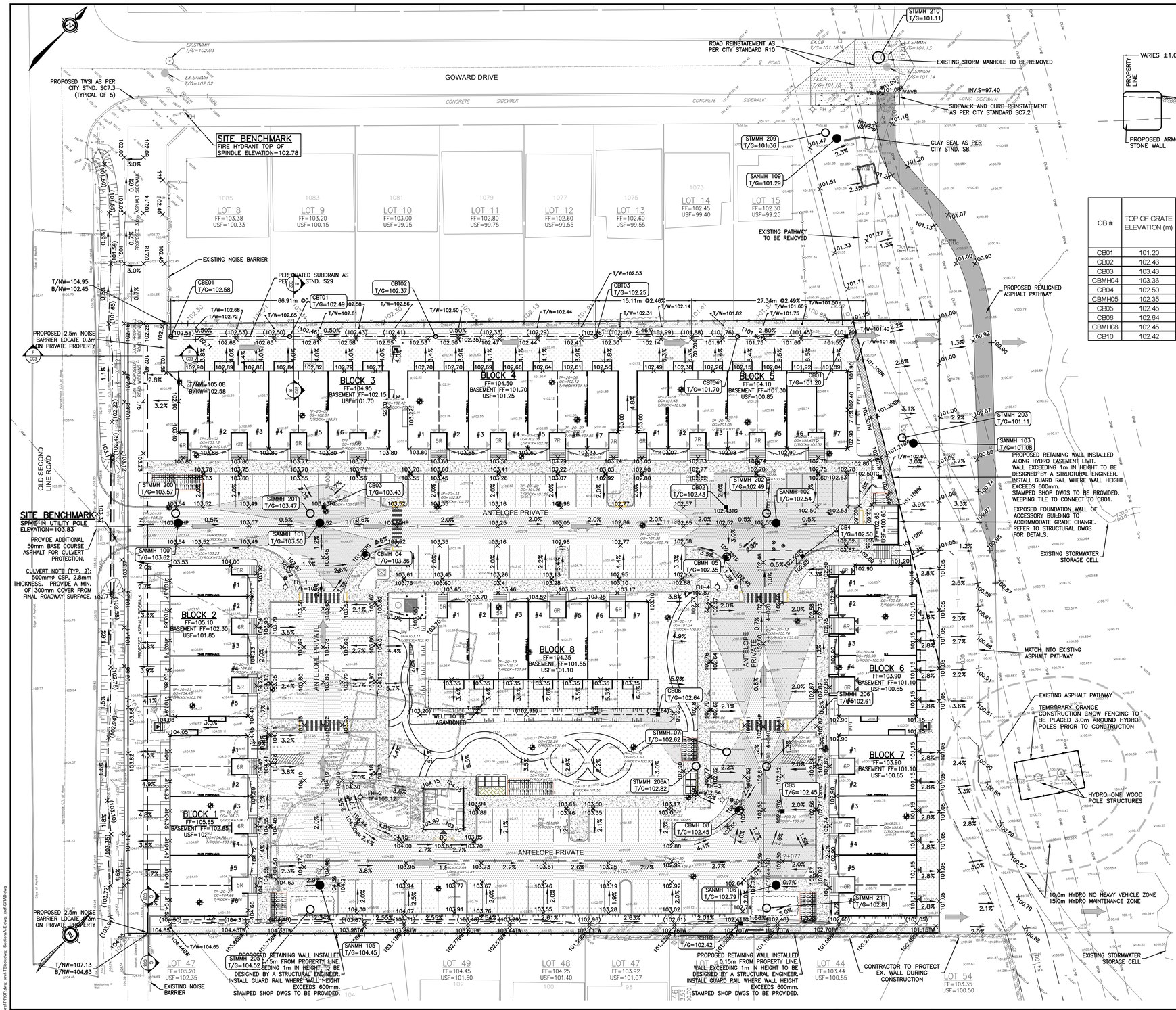
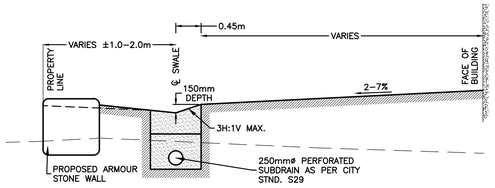
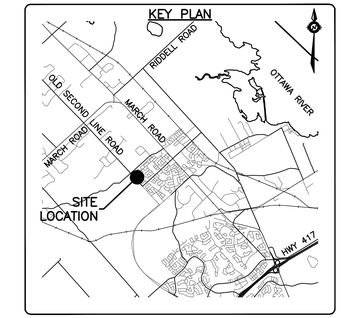




REAR YARD SECTION B–B

1:50

CB #	TOP OF GRATE ELEVATION (m)	MAXIMUM SPILL				100-YEAR		
		AREA (m^2)	MAX SPILL ELEV (m)	MAX PONDING DEPTH (m)	MAX PRISM VOLUME (m^3)	MAX PONDING ELEV (m)	MAX PONDING DEPTH (m)	MAX PONDING VOLUME (m^3)
CB01	101.20	3.8	101.40	0.20	0.3	101.21	0.01	0.0
CB02	102.43	187.4	102.60	0.17	10.6	102.58	0.15	9.4
CB03	103.43	100.5	103.52	0.09	3.0	103.51	0.08	2.7
CBMH04	103.36	96.3	103.52	0.16	5.1	103.48	0.12	3.9
CB04	102.50	187.4	102.60	0.10	6.2	102.58	0.08	5.0
CBMH05	102.35	187.4	102.60	0.25	15.6	102.58	0.23	14.4
CB05	102.45	115.7	102.60	0.15	5.8	102.56	0.11	4.2
CB06	102.64	50.5	102.88	0.24	4.0	102.73	0.09	1.5
CBMH08	102.45	115.7	102.60	0.15	5.8	102.56	0.11	4.2
CB10	102.42	24.0	102.60	0.18	1.4	102.48	0.06	0.5



LEGEND

- SITE PLAN PROPERTY LINES
- SITE PLAN BLOCK LINES
- EX.SANMH — EXISTING SANITARY MANHOLE
- EX.STMMH — EXISTING STORM MANHOLE
- EX.CBMH — EXISTING CATCHBASIN MANHOLE
- EX.CB — EXISTING CATCHBASIN
- EX.V&VB — EXISTING VALVE AND VALVE BOX
- EX.V&VC — EXISTING VALVE AND VALVE CHAMBER
- EX.FH — EXISTING FIRE HYDRANT
- 101.54 — EXISTING ELEVATION (FARLEY SMITH & DENIS)
- 100.50 — EXISTING CONTOURS IN HYDRO CORRIDOR FROM DRAFT 2015 DTM
- PROPOSED ELEVATION / EXISTING ELEVATION
- SANMH 100 — PROPOSED SANITARY MANHOLE
- STMMH 200 — PROPOSED STORM MANHOLE
- CBMH 205 — PROPOSED CATCHBASIN MANHOLE
- CB1 — PROPOSED CATCHBASIN
- CICB 5 — PROPOSED CURB INLET CATCHBASIN
- CBT — PROPOSED CATCHBASIN TEE (AS PER CITY STND. S30)
- CBE — PROPOSED CATCHBASIN ELBOW (AS PER CITY STND. S31)
- V&VB — PROPOSED VALVE AND VALVE BOX
- V&VC — PROPOSED VALVE AND VALVE CHAMBER
- FH TF= — PROPOSED FIRE HYDRANT TOP OF FLANGE
- CS — PROPOSED CURB STOP
- PROPOSED WATER METER
- FFL / TF / USF — FINISHED FLOOR LEVEL ELEVATION / TOP OF FOUNDATION ELEVATION / UNDERSIDE OF FOOTING ELEVATION
- BH2 GS=102.23 T/ROCK=100.50 — BOREHOLE LOCATION AND NUMBER / ORIGINAL GROUND ELEVATION / TOP OF ROCK ELEVATION
- TP3 GS=101.83 T/ROCK=101.50 — TESTPIT LOCATION AND NUMBER / ORIGINAL GROUND ELEVATION / TOP OF ROCK ELEVATION
- PROPOSED MOUNTABLE CURB (AS PER CITY STND. SC1.3)
- PROPOSED BARRIER CURB (AS PER CITY STND. SC1.1)
- DC — PROPOSED DEPRESSED BARRIER CURB (AS PER CITY STND. SC1.1)
- PROPOSED SWALE
- OVERLAND FLOW ROUTE
- MAXIMUM SPILL PONDING AREA
- HEAVY DUTY PAVEMENT STRUCTURE: 40mm 12.5mm SUPERPAVE CATEGORY B, PG58–34; 50mm 19.0mm SUPERPAVE CATEGORY B, PG58–34; 150mm GRANULAR 'A'; 400mm GRANULAR 'B' TYPE II
- LIGHT DUTY PAVEMENT STRUCTURE: 40mm 12.5mm SUPERPAVE CATEGORY B, PG58–34; 50mm 19.0mm SUPERPAVE CATEGORY B, PG58–34; 150mm GRANULAR 'A'; 300mm GRANULAR 'B' TYPE II
- PATHWAY PAVEMENT STRUCTURE: 50mm HL3F, PG58–34; 300mm GRANULAR 'A' OVER COMPETENT SUBGRADE

APPROVED
By Kersten Nitsche at 10:10 am, Jul 14, 2025

KERSTEN NITSCHE, MCIP RPP
MANAGER (A), DEVELOPMENT REVIEW WEST
PLANNING, DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

NOTE
PONDING LIMITS SHOWN ON PLAN REFLECT SPILL ELEVATIONS AND ARE NOT STORAGE VOLUMES RESULTING FROM USE OF ICD.

NOTE
ALL FOUNDATION DRAINS SHALL CONNECT TO THE 250mmø STORM SEWER NETWORK

NOTE
ALL COLLECTED ROOFTOP STOMRWATER TO BE CONVEYED TO THE FRONT OF UNITS

CAUTION
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.

REV	REVISION DESCRIPTION	DATE	BY	APPD
2	CITY NUMBER ADDED	03/06/25	AAS	BMT
1	ISSUED FOR CITY APPROVAL	23/05/25	AAS	BMT

SCALE: HORIZONTAL 1:300 (0, 3m, 6m, 12m)
NORTH
DESIGNED BY
REVIEWED BY
LICENSED PROFESSIONAL ENGINEER — B. M. THOMAS — 2025-06-04 — PROVINCE OF ONTARIO

DEVELOPER
CONCORDE PROPERTIES
408 TWEEDSMUIR AVENUE
OTTAWA, ON. K1Z 5N5

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• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

BASEPLAN: SAB
DESIGN: AS
CHECKED:
CAD: SAB
PROJECT MANAGER: BMT
APPROVED:

PROJECT: SECOND LINE ROAD
1158 OLD SECOND LINE ROAD
KANATA, ONTARIO.

TITLE: SITE GRADING PLAN

PROJECT No. OTT–25006292–A0
SURVEY: FSD
DATE: JUNE 2023
DRAWING No. C02

D07-12-23-0086

#19273

Filename: \\exp\data\ottwh\25006292\400-execution\05-drawings\25006292-c02-gp.dwg
Last Saved: 4/24/2025 2:17:56 PM Last Plotted: 6/3/2025 12:15:21 PM Plotted by: SalemA
Layout: C02 Model: Model
References: xref-ARCH.dwg; xref-FSD-TOPO.dwg; xref-PROP.dwg; xref-TBlock.dwg; SectionsA-E.dwg; xref-GRAD.dwg