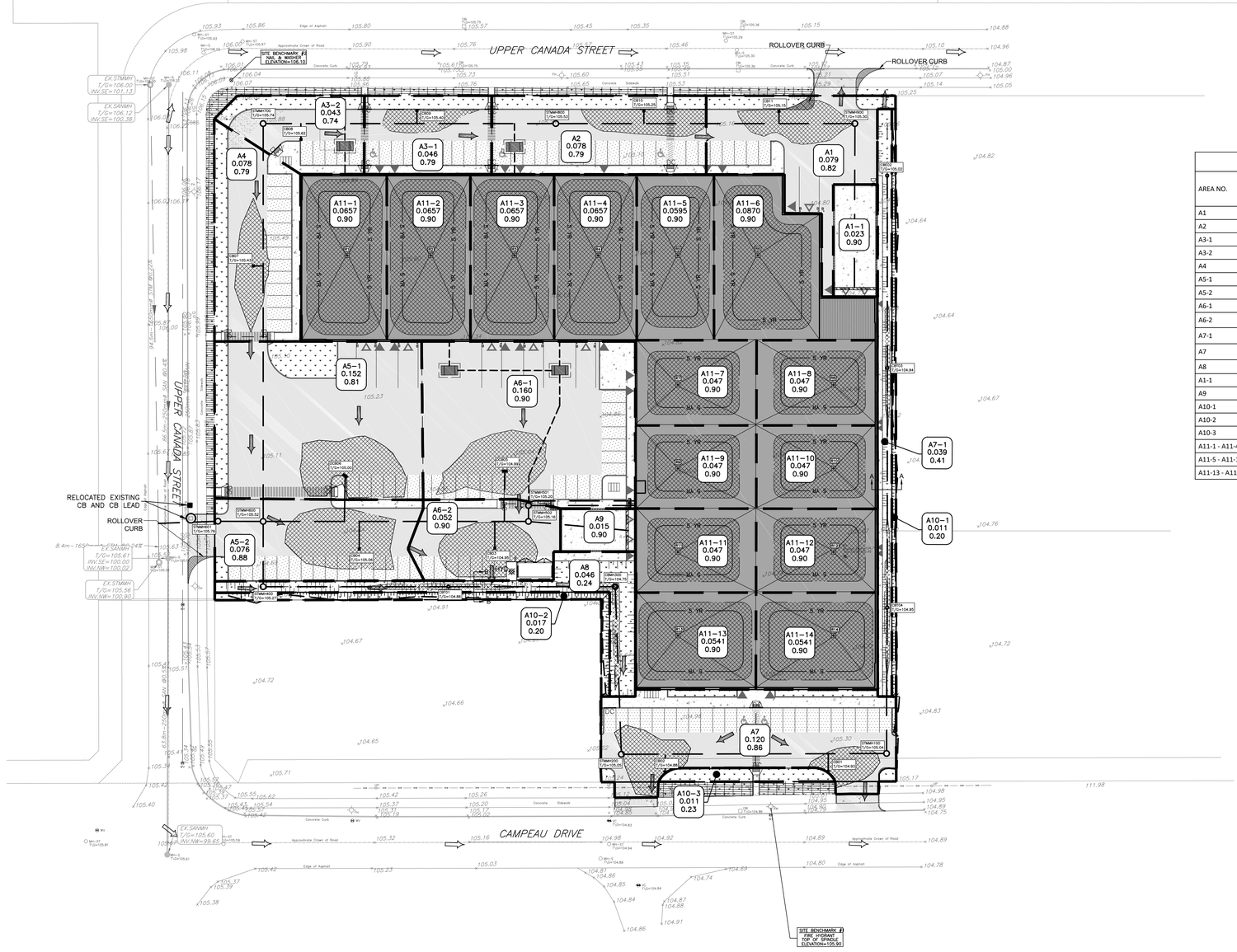
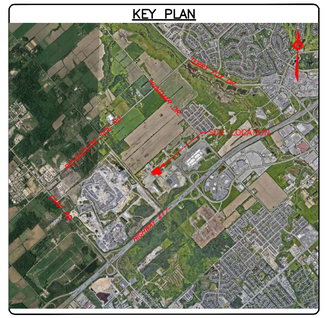


KEY PLAN



STORMWATER STORAGE AND CONTROL TABLE

AREA NO.	CONTROL METHOD (LOCATION)	CONTROL PRODUCT	100-YR PONDING DEPTH (m) (PONDING LOCATION)	MAX. PONDING AVAILABLE (m) (PONDING LOCATION)
A1	ICD (CB11)	Hydrovex 150 VHV-2	0.15 (CB11)	0.18 (CB11)
A2	ICD (CB10)	Hydrovex 150 VHV-2	0.13 (CB10)	0.13 (CB10)
A3-1	ICD (CB09)	Hydrovex 100 VHV-1	0.19 (CB09)	0.20 (CB09)
A3-2	UNCONTROLLED	-	-	-
A4	ICD (CB07)	Hydrovex 125 VHV-2	0.15 (CB07)	0.17 (CB07)
A5-1	ICD (DCB06)	Hydrovex 200 VHV-2	0.18 (DCB06)	0.18 (DCB06)
A5-2	ICD (CB04)	Hydrovex 125 VHV-2	0.08 (CB04)	0.14 (CB04)
A6-1	ICD (DCB05)	Hydrovex 200 VHV-2	0.17 (DCB05)	0.18 (DCB05)
A6-2	ICD (CB03)	Hydrovex 100 VHV-1	0.08 (CB03)	0.20 (CB03)
A7-1 A7 A8	ICD (STMMH400)	Hydrovex 150 VHV-2	0.16 (CBT01) 0.27 (CBMH300) 0.09 (CB01) 0.14 (CB02) 0.08 (CBT03, CBT04)	0.16 (CBT01) 0.27 (CBMH300) 0.09 (CB01) 0.14 (CB02) 0.08 (CBT03, CBT04)
A1-1	UNCONTROLLED	-	-	-
A9	UNCONTROLLED	-	-	-
A10-1	UNCONTROLLED	-	-	-
A10-2	UNCONTROLLED	-	-	-
A10-3	UNCONTROLLED	-	-	-
A11-1 - A11-4	ROOF DRAIN	1-WATTS ACCUTROL ROOF DRAIN WITH 2 WIER (FOR INFILTRATION)	0.15 (R1,R2,R3,R4)	0.15 (R1,R2,R3,R4)
A11-5 - A11-12	ROOF DRAIN	1-WATTS ACCUTROL ROOF DRAIN WITH 3 WIERS (FLOW TO STM SEWER)	0.15 (R5 - R12)	0.15 (R5 - R12)
A11-13 - A11-14	ROOF DRAIN	1-WATTS ACCUTROL ROOF DRAIN WITH 2 WIERS (FLOW TO STM SEWER)	0.15 (R13, R14)	0.15 (R13, R14)

APPROVED
By Kersten Nitsche at 10:07 am, Dec 02, 2024

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

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
3	RE-ISSUED FOR SPC	12/15/23	AJ	AJ
2	RE-ISSUED FOR SPC	09/12/23	AJ	AA
1	ISSUED FOR SPC	04/06/23	AJ	AA

SCALE: 0 5m 10m 20m — HORIZONTAL 1:500
NORTH
DESIGNED BY
REVIEWED BY
A. K. JARIW 100562090 2023/12/15 — LICENSED PROFESSIONAL ENGINEER — PROVINCE OF ONTARIO

CLIENT: DOLYN CONSTRUCTION LTD.
1-888 LADY ELLEN PLACE
OTTAWA, ON. K1Z 5L5

exp Services Inc.
T +1 613 688 1899 | F +1 613 225 7337
2650 Queensview Drive, Unit 100
Ottawa, ON K2B 8H6
Canada
www.exp.com
• BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

BASEPLAN: AJ
DESIGN: AJ
CHECKED: AA
CAD: AJ
PROJECT MANAGER: AA
APPROVED: AA

PROJECT: KONSON WAREHOUSE
1485 UPPER CANADA STREET
OTTAWA, ONTARIO.

TITLE: POST-DEVELOPMENT STORM DRAINAGE PLAN

PROJECT No.: OTT-22023462-A0
SURVEY: AOV
DATE: 01/10/2023
DRAWING No.: C400

D07-12-23-0051

#18973

Filenames:\ott\dfs-2023462-a0\60 execution\AS drawings\2023462 - all civil.dwg
Last Saved:12/13/2023 3:45:13 PM by Phillip.Hall
Last Plotted:12/15/2023 10:23:49 AM by SylvainsonAle
References: xref-Survey.dwg; xref-Site Plan.dwg; xref-Roof Plan.dwg; xref-Serv.dwg