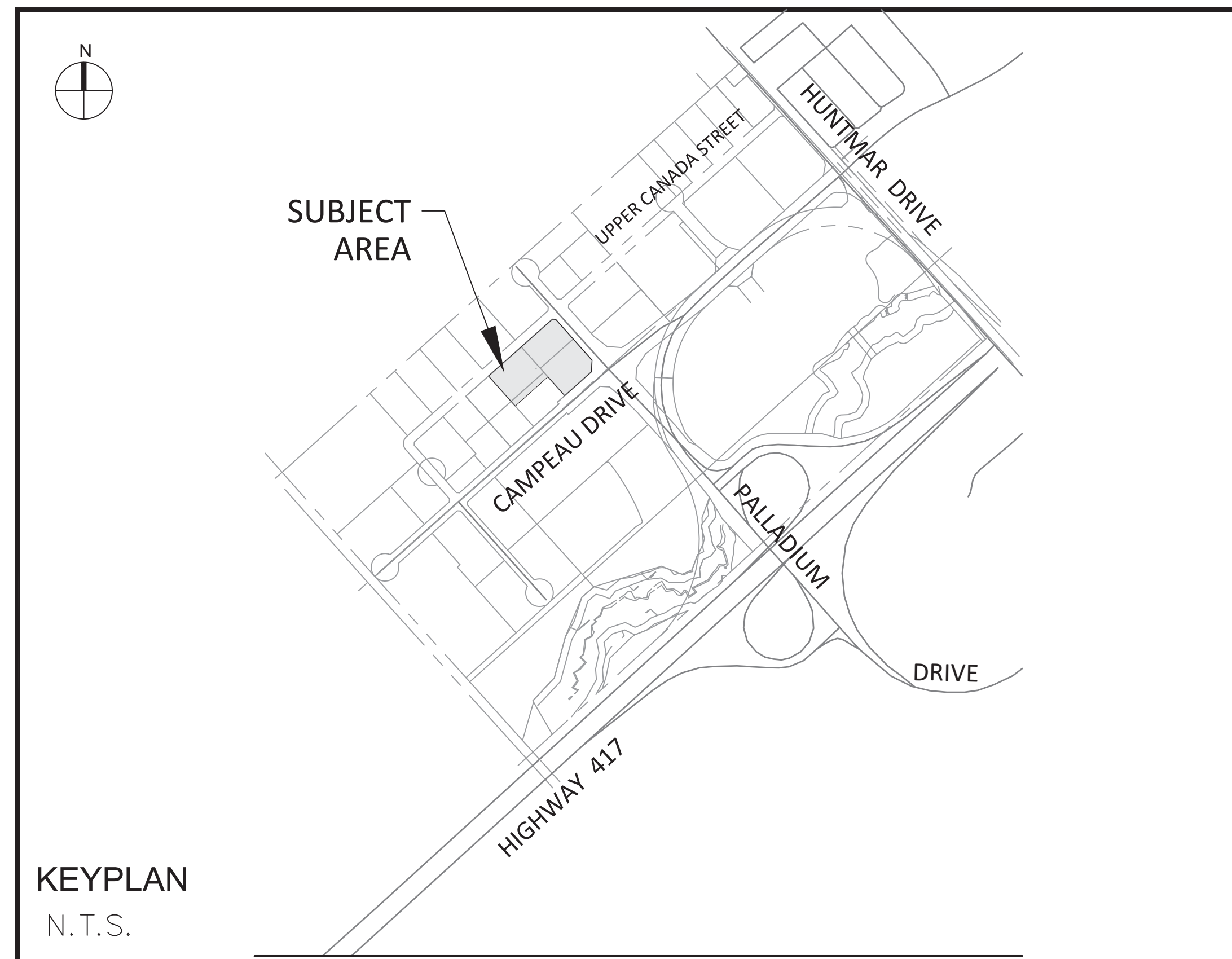


KINAXIS

8700 CAMPEAU DRIVE



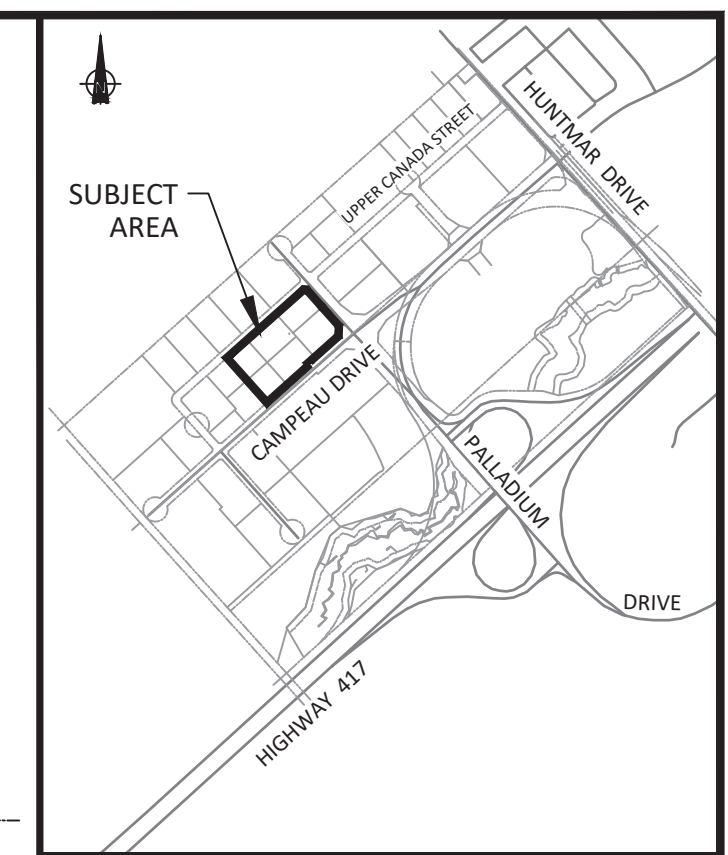
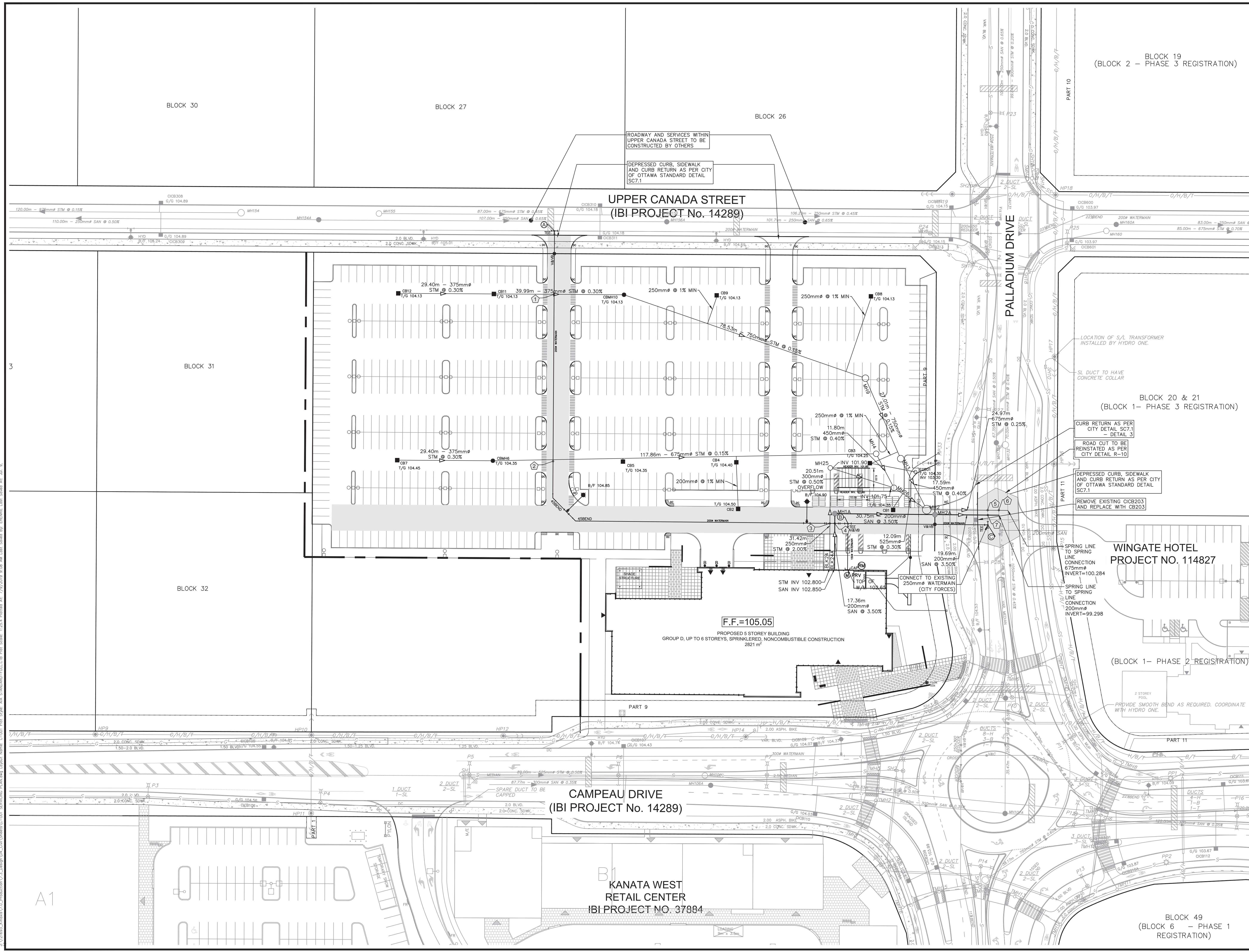
IBI GROUP
400 – 333 Preston Street
Ottawa ON K1S 5N4 Canada
tel 613 225 1311 fax 613 225 9868
ibigroup.com



Sheet List Table	
Sheet Number	Sheet Title
000	COVER
C-001	SERVICING PLAN
C-010	NOTES LEGEND AND CB
C-200	GRADING PLAN
C-201	C-201
C-400	SANITARY DRAINAGE AREA PLAN
C-500	STORM DRAINAGE AREA PLAN
C-600	PONDING PLAN
C-900	EROSION - SEDIMENT PLAN

PC KANATA DEVELOPMENTS INC.

CONTRACT NO. 121693



NOTES:

- SEE DETAIL DRAWING C-010 FOR ADDITIONAL DETAILS AND NOTES.
- SITE BENCHMARK TO BE OBTAINED FROM LEGAL SURVEYOR STANTEC GEOMATICS.

No.	REVISIONS	By	Date
14			
13			
12			
11			
10			
9			
8			
7			
6			
5			
4			
3			
2			
1	ISSUED FOR SPA	T.R.B.	2019-07-09

PC KANATA DEVELOPMENTS INC.

IBI GROUP
 400 - 333 Preston Street
 Ottawa ON K1S 5N4 Canada
 tel 613 225 1311 fax 613 225 9868
 ibigroup.com

Project Title

8700 CAMPEAU DRIVE

PROVIDE SMOOTH BEND AS REQUIRED, COORDINATE WITH HYDRO ONE.

SERVICING PLAN

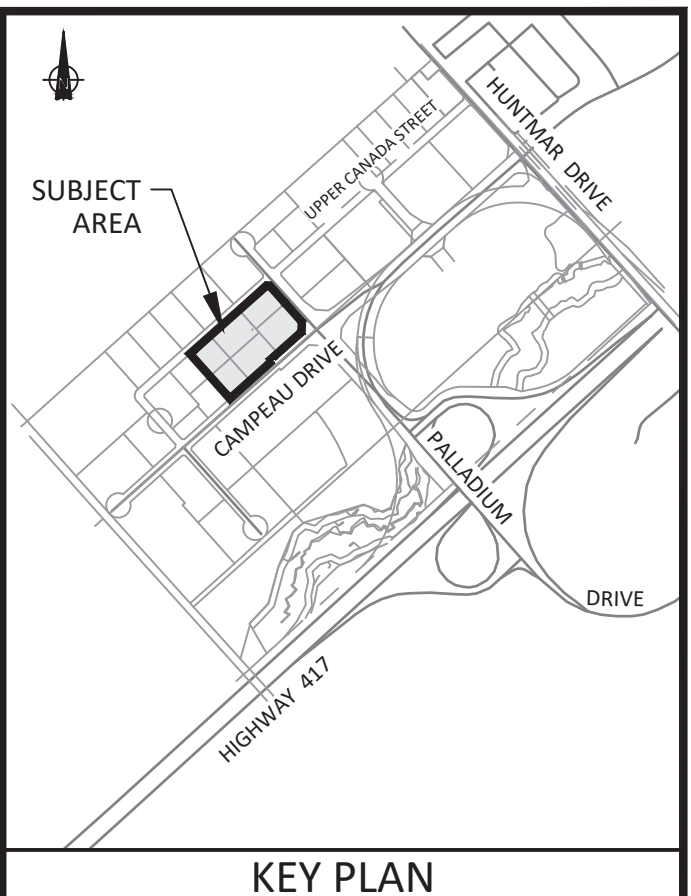
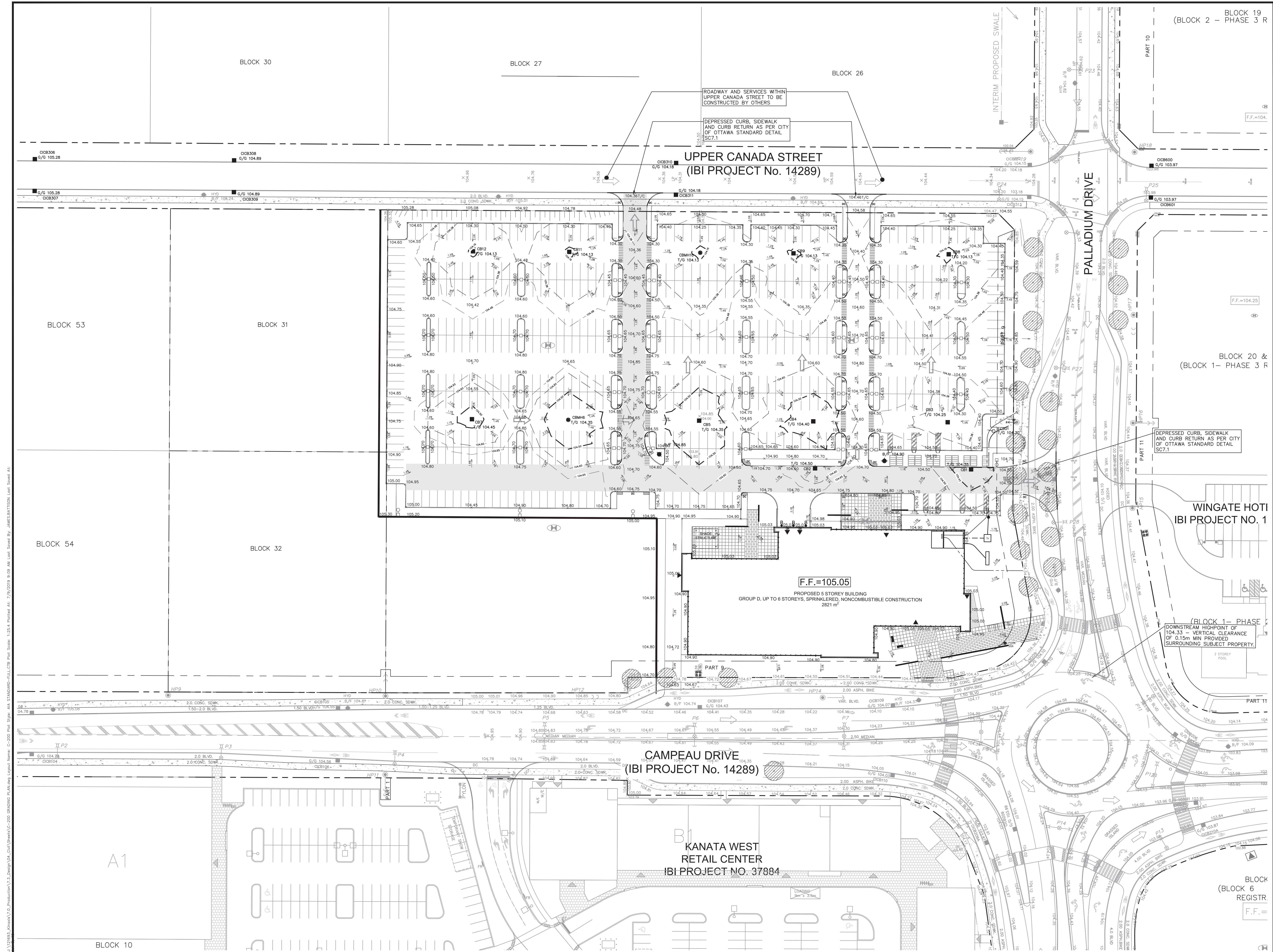
Scale 1:500

Design	JB	Date	JULY 2019
Drawn	DPS/DD/EH	Checked	TRB

Project No.	121693	Drawing No.	C-001
-------------	--------	-------------	-------

J:\121693_Kinaxis\7.0_Production\7.0_Design\04_Civil\Sheets\C-001_SERVICING_PLAN.dwg Layout Name: C-001 Plot Style: AA STANDARD-FULLCOTB Plot Scale: 1:25.4 Printed At: 7/9/2019 9:08 AM Last Saved By: DUBRE, Last Saved At: Jul. 9, 2019 9:08 AM

D07-16-17-XXXX



- NOTES:**
- SEE DETAIL DRAWING C-100 FOR ADDITIONAL DETAILS AND NOTES.
 - SITE BENCHMARK TO BE OBTAINED FROM LEGAL SURVEYOR STANTEC GEOMATICS.

14			
13			
12			
11			
10			
9			
8			
7			
6			
5			
4			
3			
2			
1	ISSUED FOR SPA	T.R.B.	2019-07-09
No.	REVISIONS	By	Date

PC KANATA DEVELOPMENTS INC.

IBI GROUP
400 - 333 Preston Street
Ottawa ON K1S 5N4 Canada
tel 613 225 1311 fax 613 225 9888
ibigroup.com

Project Title
kinaxis
8700 CAMPEAU DRIVE

LI 02580 PROFESSIONAL ENGINEER
T. R. BRULE
2019-07-09
PROVINCE OF ONTARIO

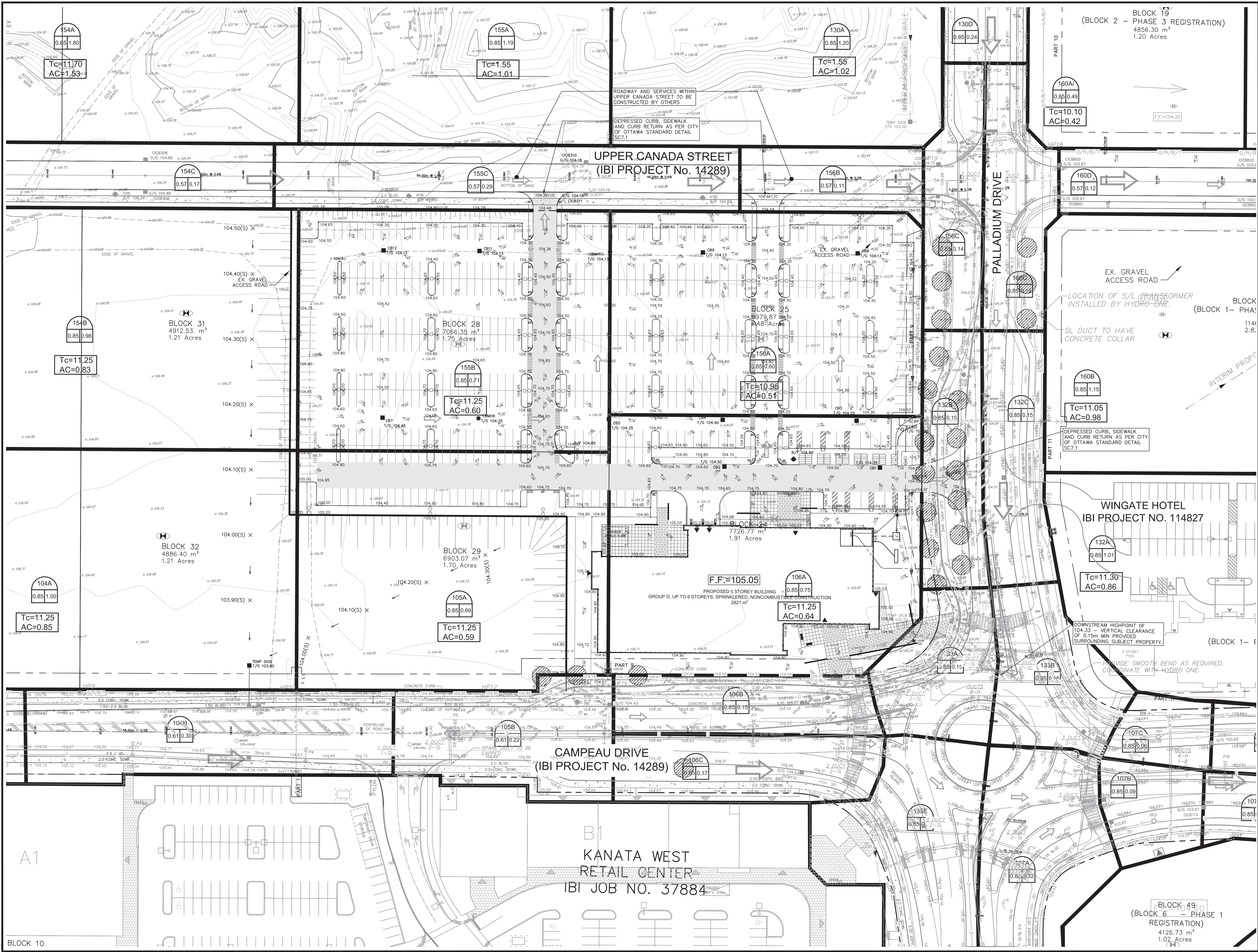
Drawing Title
GRADING PLAN

Scale
1:500

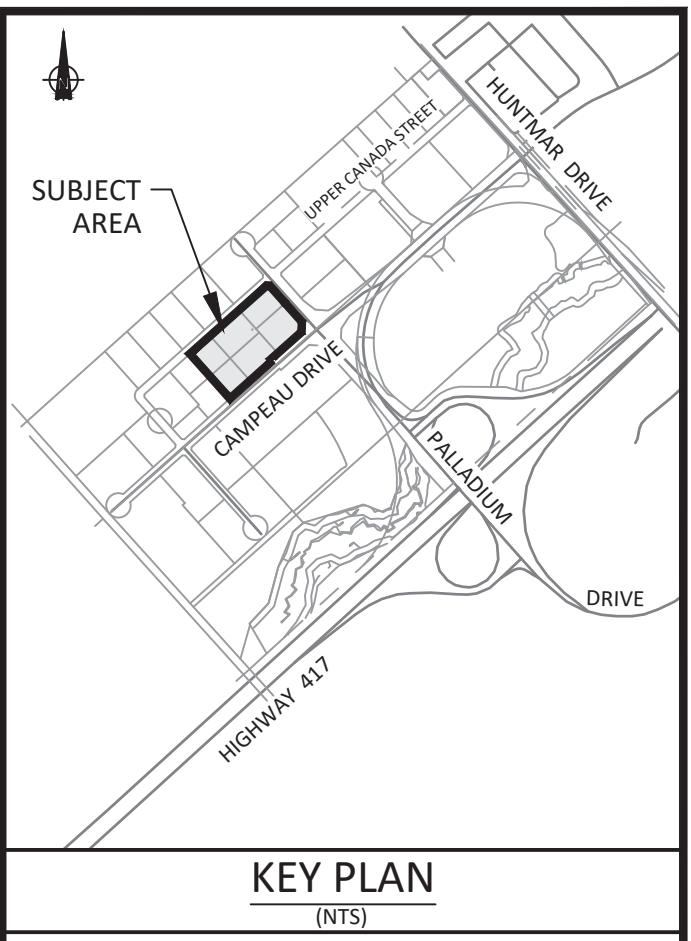
Design	JB	Date	JULY 2019
Drawn	DPS/DD/EH	Checked	TRB
Project No.	121693	Drawing No.	C-200

J:\121693_kinaxis\0_Production\3_0_Production\3_0_Production\3_000 GRADING PLAN.dwg Layout Name: C-200 Part: S:\KINAXIS\Full\3_000 GRADING PLAN.dwg Last Saved By: JAMES BATTISON Last Saved At: 7/9/2019 9:09 AM Last Scale: 1:25.4 Printed At: 7/9/2019 9:09 AM

D07-16-17-XXXX
#17XXX



J:\171893_Kinaxis\171893-FULL-CTB_Plot Scale: 1:250.dwg Printed At: 7/7/2019 9:12 AM Last Saved By: JAMESBATTISON Last Saved At: Jul. 6, 2019 10:54:00 AM



NOTES:
 1. SEE DETAIL DRAWING C-100 FOR ADDITIONAL DETAILS AND NOTES.
 2. SITE BENCHMARK TO BE OBTAINED FROM LEGAL SURVEYOR STANTEC GEOMATICS.

No.	REVISIONS	By	Date
1	ISSUED FOR SPA	T.R.B.	2019-07-09

PC KANATA DEVELOPMENTS INC.

IBI GROUP
 400 - 333 Preston Street
 Ottawa ON K1S 5N4 Canada
 tel 613 225 1311 fax 613 225 9868
 ibigroup.com

Project Title
kinaxis
8700 CAMPEAU DRIVE

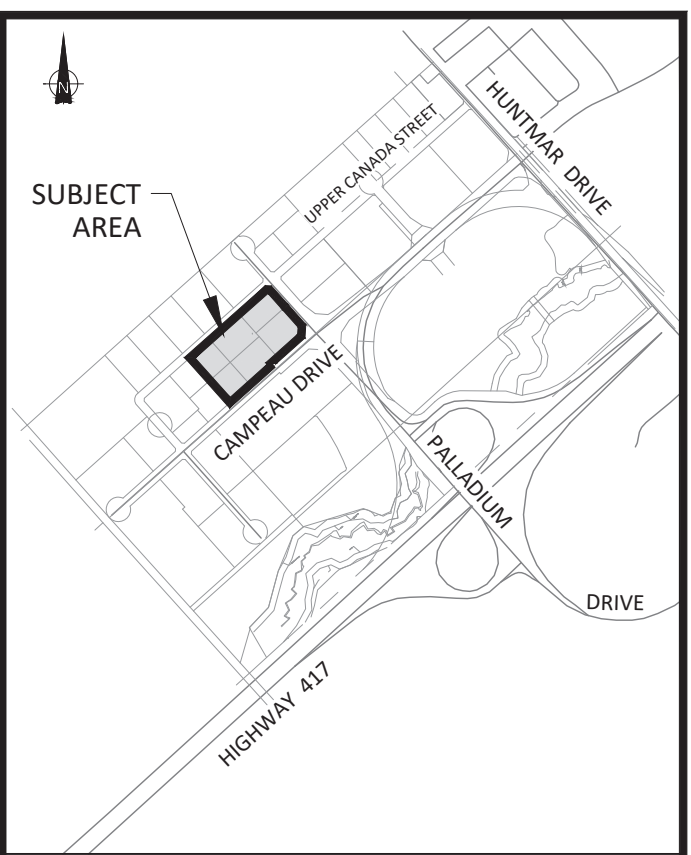
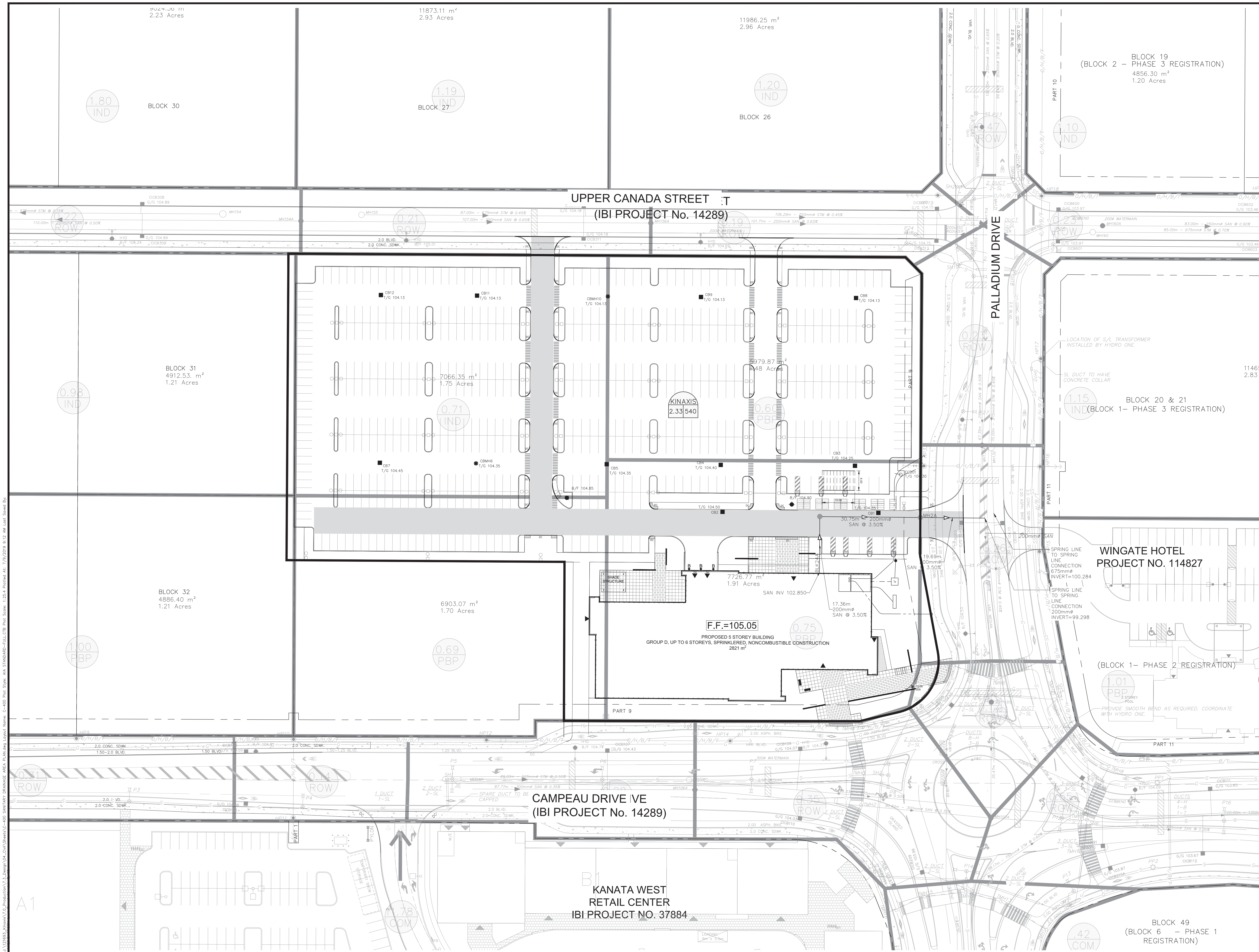
LI-CENSURED PROFESSIONAL ENGINEER
T. R. BRULE
 2019-07-09
 PROVINCE OF ONTARIO

Drawing Title
BLOCK 31, 32 AND 29 SITE GRADING & EXISTING DRAINAGE AREA

Scale	1 : 500		
Design	JB	Date	JULY 2019
Drawn	DPS/DD/EH	Checked	TRB
Project No.	121693	Drawing No.	C-201

D07-16-17-XXXX

#17XXX



KEY PLAN (INTS)

NOTES:
 1. SEE DETAIL DRAWING C-100 FOR ADDITIONAL DETAILS AND NOTES.
 2. SITE BENCHMARK TO BE OBTAINED FROM LEGAL SURVEYOR STANTEC GEOMATICS.

LEGEND:

WH	AREA NUMBER
1.01 0.0	RUNOFF COEFFICIENT
5.14 PBP	AREA IN HECTARES
	LAND USE TYPE
PBP	PRESTIGE BUSINESS PARK - 35 000 l/s/ha
IND	LIGHT INDUSTRIAL - 35 000 l/s/ha
COM	COMMERCIAL - 50 000 l/s/ha
ROW	RIGHT OF WAY (INFILTRATION FLOW ONLY)
---	DRAINAGE AREA LIMITS
---	EXISTING DRAINAGE AREA LIMITS

12			
11			
10			
9			
8			
7			
6			
5			
4			
3			
2			
1	ISSUED FOR SPA	T.R.B.	2019-07-09
No.	REVISIONS	By	Date

PC KANATA DEVELOPMENTS INC.

IBI GROUP
 400 - 333 Preston Street
 Ottawa ON K1S 5N4 Canada
 tel 613 225 1311 fax 613 225 9868
 ibigroup.com

Project Title
kinaxis
8700 CAMPEAU DRIVE

LI-CENSA PROFESSIONAL ENGINEER
 T. R. BRULE
 2019-07-09
 PROVINCE OF ONTARIO

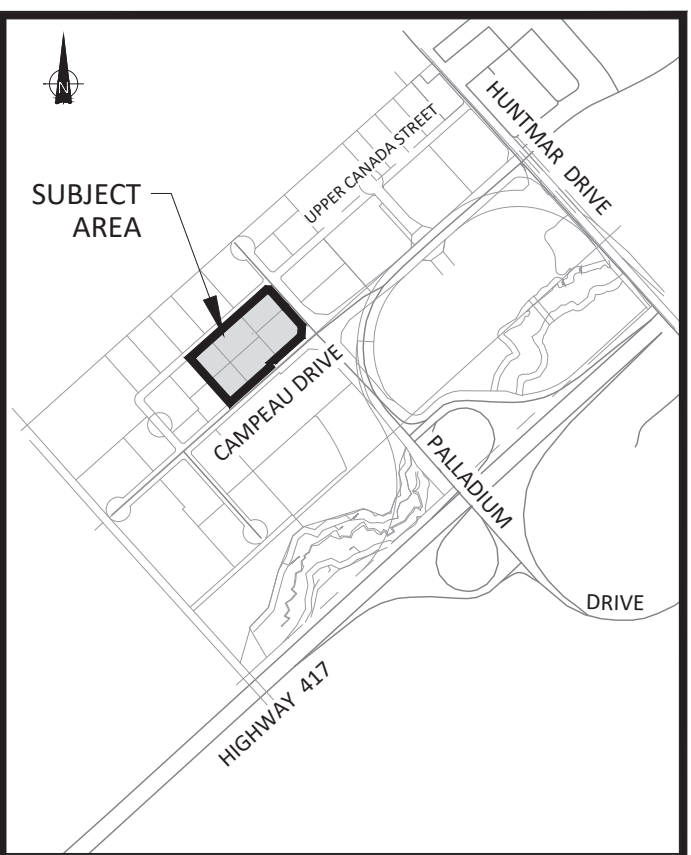
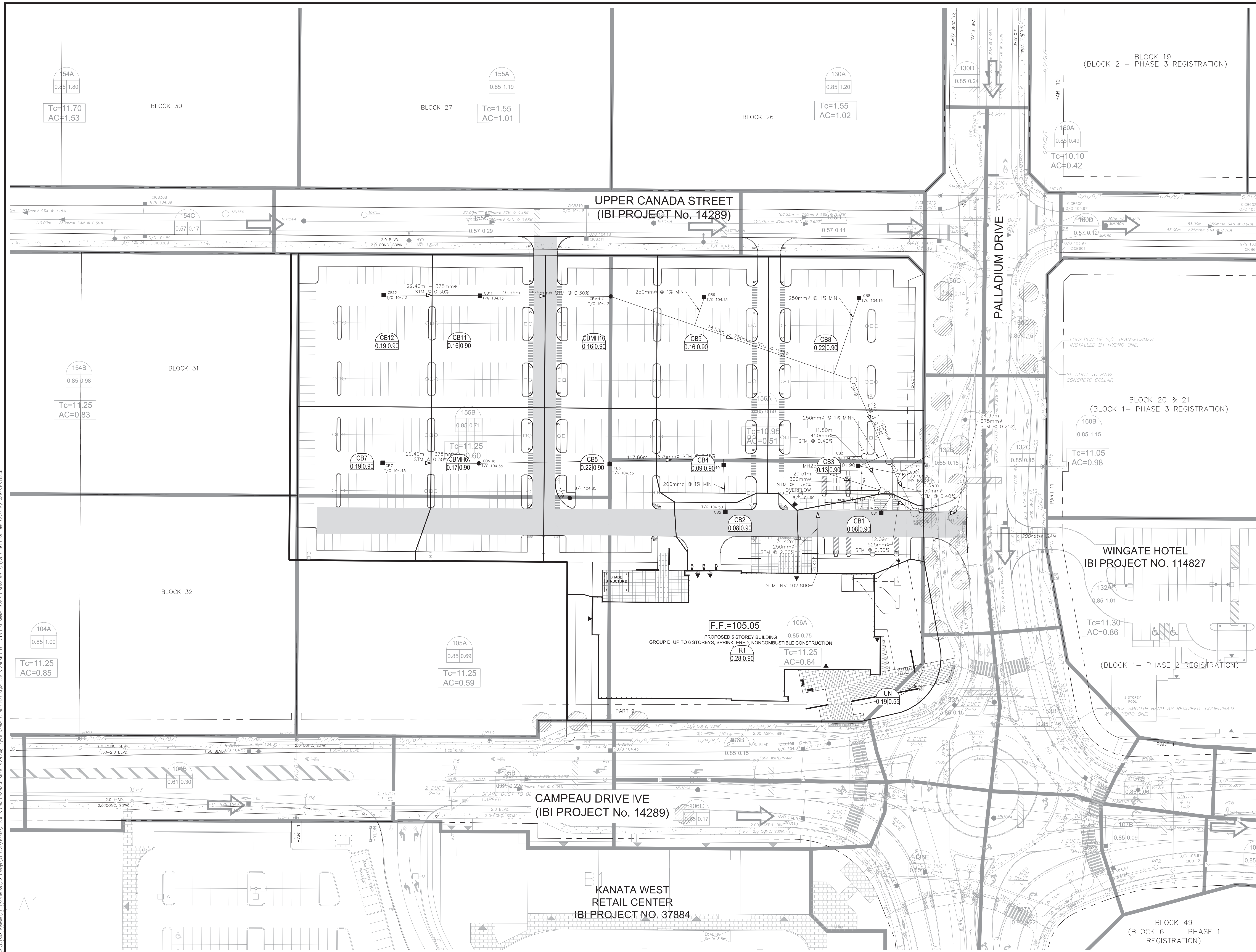
Drawing Title
SANITARY DRAINAGE AREA PLAN

Scale
 1 : 500

Design	JB	Date	JULY 2019
Drawn	DPS/DD/EH	Checked	TRB
Project No.	121693	Drawing No.	C-400

J:\121693_kinaxis\0_Production\03_Design\04_Civil\Sheets\C-400_SANITARY_DRAINAGE_AREA_PLAN\Area_Plan.dwg
 Name: C-400_Plot_Sheet_AIA_STANDARD-HULL.CTB Plot Scale: 1:25.4 Printed At: 7/9/2019 9:12 AM Plot Speed By:

D07-16-17-XXXX



KEY PLAN (INT)

NOTES:
 1. SEE DETAIL DRAWING C-100 FOR ADDITIONAL DETAILS AND NOTES.
 2. SITE BENCHMARK TO BE OBTAINED FROM LEGAL SURVEYOR STANTEC GEOMATICS.

- LEGEND:**
- AREA NUMBER
 - RUNOFF COEFFICIENT
 - AREA IN HECTARES
 - EXISTING AREA NUMBER
 - EXISTING AREA IN HECTARES
 - EXISTING RUNOFF COEFFICIENT
 - ESTIMATED TIME OF CONCENTRATION IN MINUTES
PRODUCT OF AREA AND RUNOFF COEFFICIENT
 - DRAINAGE AREA LIMITS
 - EXISTING DRAINAGE AREA LIMITS
 - EXISTING EMERGENCY OVERLAND FLOW

10		
9		
8		
7		
6		
5		
4		
3		
2		
1	ISSUED FOR SPA	T.R.B. 2019-07-09
No.	REVISIONS	By Date

PC KANATA DEVELOPMENTS INC.

IBI GROUP
 400 - 333 Preston Street
 Ottawa ON K1S 5N4 Canada
 tel 613 225 1311 fax 613 225 9868
 ibigroup.com

Project Title

8700 CAMPEAU DRIVE

PROFESSIONAL ENGINEER

T. R. BRULE
 2019-07-09
 PROVINCE OF ONTARIO

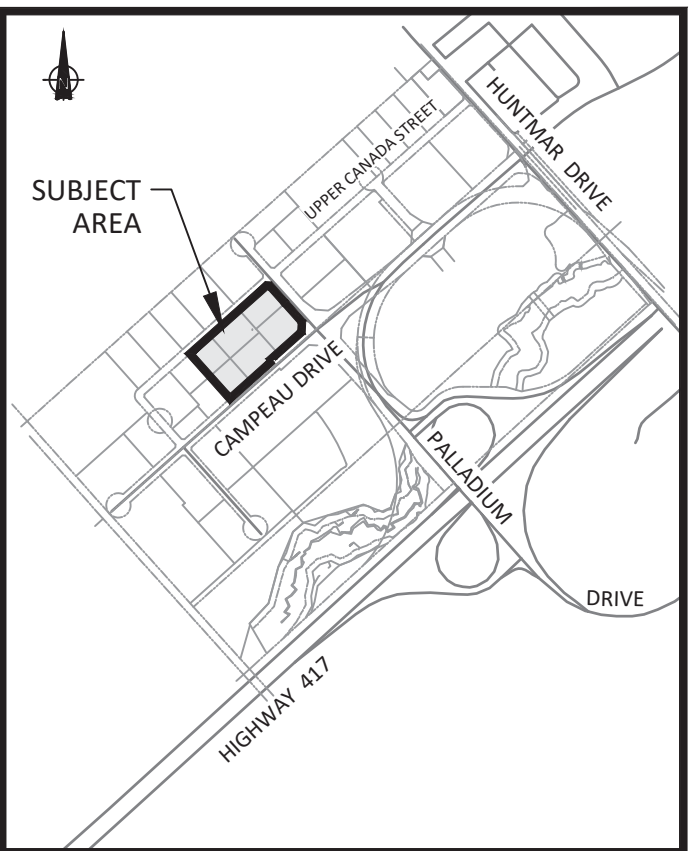
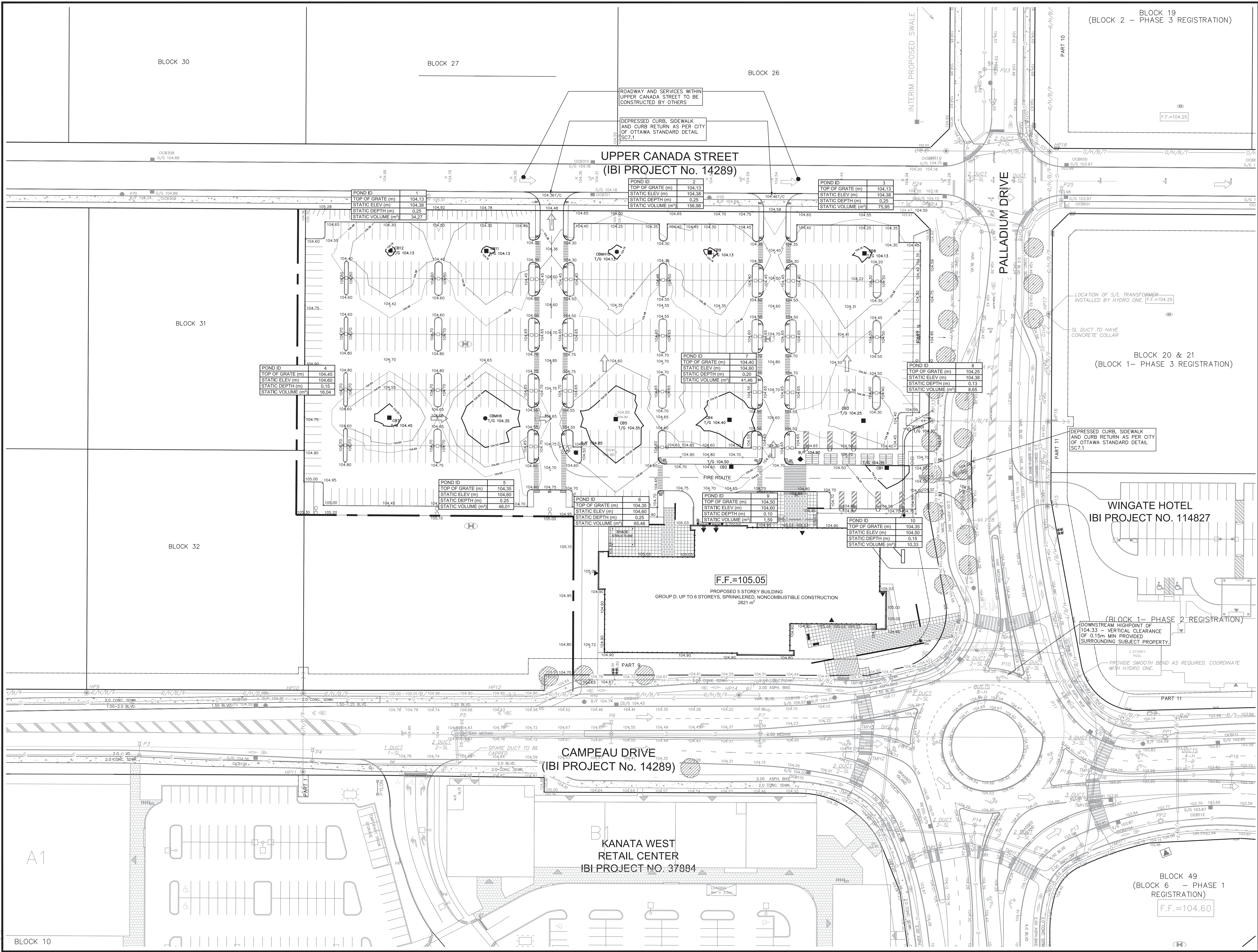
Drawing Title
STORM DRAINAGE AREA PLAN

Scale
 1 : 500

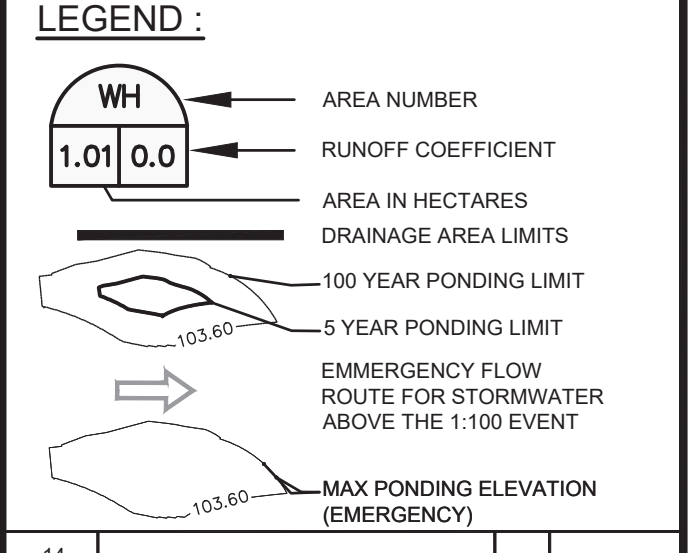
Design	JB	Date	JULY 2019
Drawn	DPS/DD/EH	Checked	TRB
Project No.	121693	Drawing No.	C-500

J:\121693_Kinaxis\0_Production\0_3_Design\04_Civil\Sheets\C-500 STORM DRAINAGE AREA PLAN.dwg Layout Name: C-500 Plot Style: AIA STANDARD - FULL CTB Plot Scale: 1:25.4 Printed At: 7/19/2019 9:13 AM Last Saved By: JAMES BATTISON

D07-16-17-XXXX



NOTES:
 1. SEE DETAIL DRAWING C-010 FOR ADDITIONAL DETAILS AND NOTES.
 2. SITE BENCHMARK TO BE OBTAINED FROM LEGAL SURVEYOR STANTEC GEOMATICS.



No.	REVISIONS	By	Date
14			
13			
12			
11			
10			
9			
8			
7			
6			
5			
4			
3			
2			
1	ISSUED FOR SPA	T.R.B.	2019-07-09

PC KANATA DEVELOPMENTS INC.

IBI GROUP
 400 - 333 Preston Street
 Ottawa ON K1S 5N4 Canada
 tel 613 225 1311 fax 613 225 9868
 ibigroup.com

Project Title
kinaxis
 8700 CAMPEAU DRIVE

PROFESSIONAL ENGINEER
 T. R. BRULE
 2019-07-09
 PROVINCE OF ONTARIO

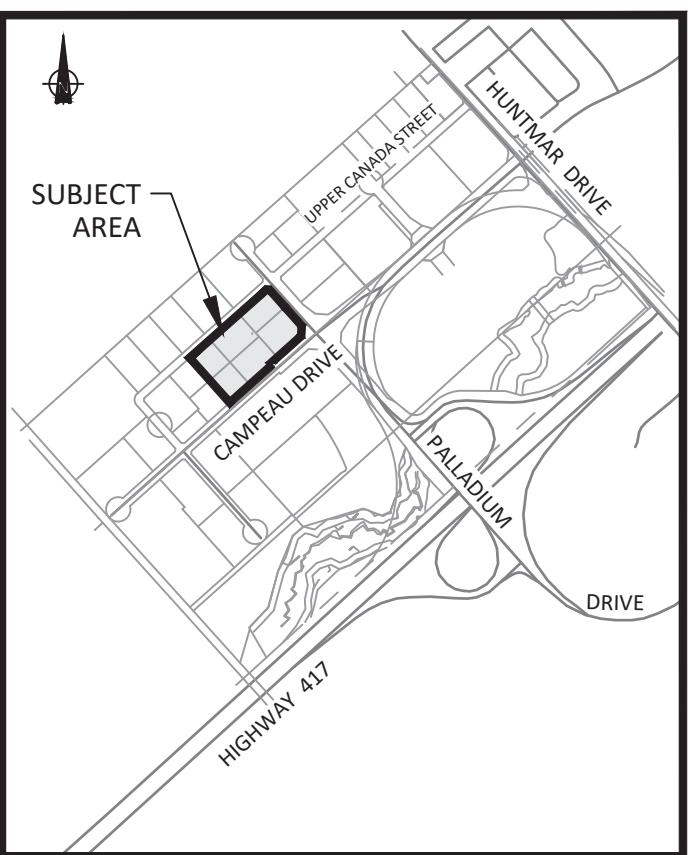
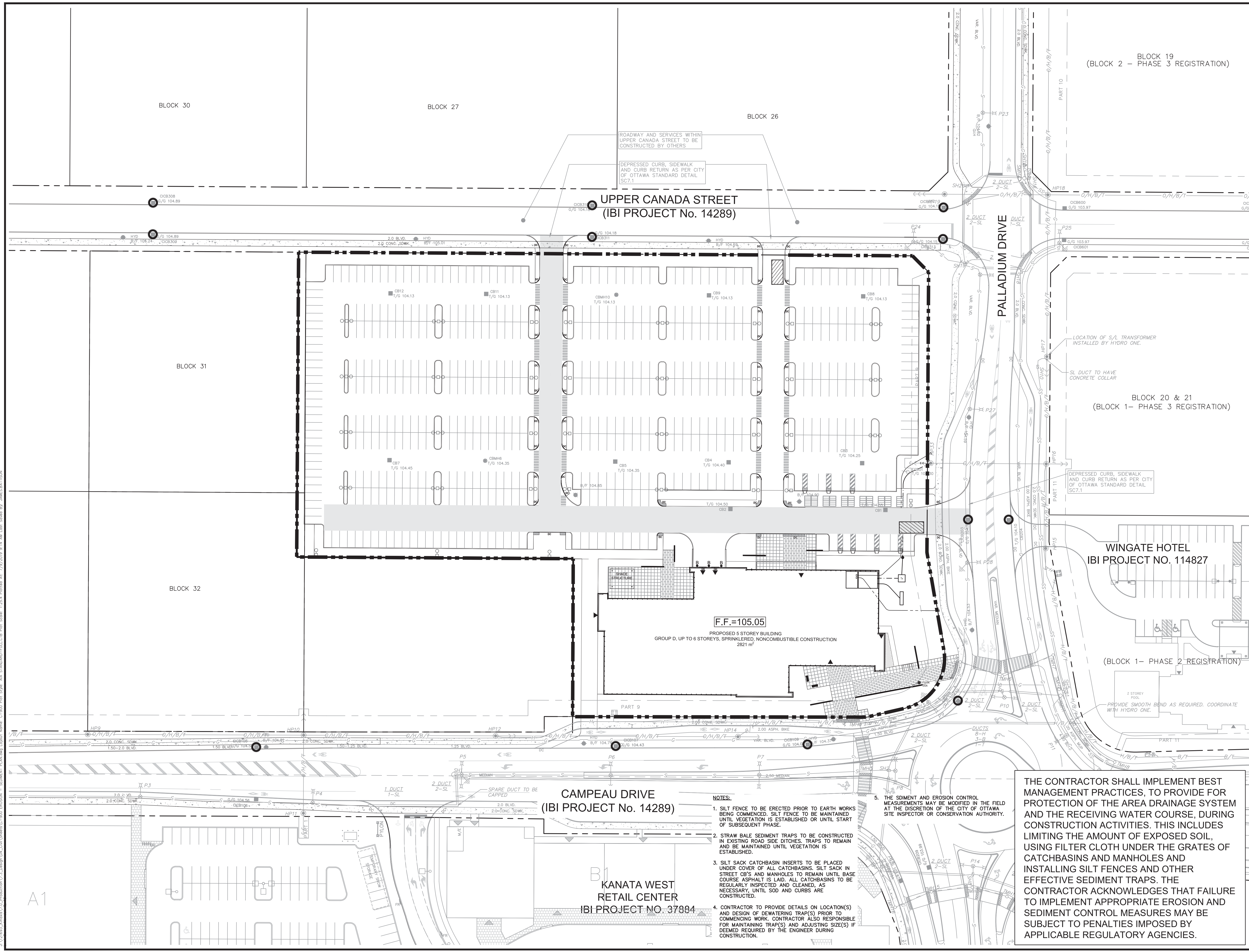
Drawing Title
PONDING PLAN

Scale	1 : 500		
Design	JB	Date	JULY 2019
Drawn	DPS/DD/EH	Checked	TRB
Project No.	121693	Drawing No.	C-600

J:\121693_kinaxis\17_0_Production\17_0_Production_V3_1_Design\04_Civil\Sheets\C-600_PONDING PLAN.dwg Layout Name: C-600_Ponding Plan.dwg Plot Scale: 1:250.0 Printed At: 7/9/2019 9:13 AM Last Saved By: JAMESBARTON Last Saved At: 7/9/2019 8:58:59 AM

D07-16-17-XXXX

#17XXX



KEY PLAN
(NTS)

NOTES:
 1. SEE DETAIL DRAWING C-010 FOR ADDITIONAL DETAILS AND NOTES.
 2. SITE BENCHMARK TO BE OBTAINED FROM LEGAL SURVEYOR STANTEC GEOMATICS.

- LEGEND :**
- LIGHT DUTY SILT FENCE AS PER OFSD-219.110
 - STRAW BALE CHECK DAM AS PER OFSD-219.160
 - SILT SACK CATCHBASIN INSERT PLACED UNDER CB OR MH COVER
 - TEMPORARY MUD MAT 0.15m THICK, 50mm CLEAR STONE ON NON WOVEN FILTER CLOTH

14		
13		
12		
11		
10		
9		
8		
7		
6		
5		
4		
3		
2		
1	ISSUED FOR SPA	T.R.B. 2019-07-09
No.	REVISIONS	By Date

PC KANATA DEVELOPMENTS INC.

IBI GROUP
 400 - 333 Preston Street
 Ottawa ON K1S 5N4 Canada
 tel 613 225 1311 fax 613 225 9868
 ibigroup.com

Project Title

8700 CAMPEAU DRIVE

T. R. BRULE
2019-07-09
PROVINCE OF ONTARIO

EROSION AND SEDIMENT PLAN

Scale 1 : 500

Design	JB	Date	JULY 2019
Drawn	DPS/DD/EH	Checked	TRB
Project No.	121693	Drawing No.	C-900

THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATER COURSE, DURING CONSTRUCTION ACTIVITIES. THIS INCLUDES LIMITING THE AMOUNT OF EXPOSED SOIL, USING FILTER CLOTH UNDER THE GRATES OF CATCHBASINS AND MANHOLES AND INSTALLING SILT FENCES AND OTHER EFFECTIVE SEDIMENT TRAPS. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY APPLICABLE REGULATORY AGENCIES.

- NOTES:**
- SILT FENCE TO BE ERRECTED PRIOR TO EARTH WORKS BEING COMMENCED. SILT FENCE TO BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED OR UNTIL START OF SUBSEQUENT PHASE.
 - STRAW BALE SEDIMENT TRAPS TO BE CONSTRUCTED IN EXISTING ROAD SIDE DITCHES. TRAPS TO REMAIN AND BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED.
 - SILT SACK CATCHBASIN INSERTS TO BE PLACED UNDER COVER OF ALL CATCHBASINS. SILT SACK IN STREET C/B'S AND MANHOLES TO REMAIN UNTIL BASE COURSE ASPHALT IS LAID. ALL CATCHBASINS TO BE REGULARLY INSPECTED AND CLEANED, AS NECESSARY, UNTIL SOD AND CURBS ARE CONSTRUCTED.
 - CONTRACTOR TO PROVIDE DETAILS ON LOCATION(S) AND DESIGN OF DEWATERING TRAP(S) PRIOR TO COMMENCING WORK. CONTRACTOR ALSO RESPONSIBLE FOR MAINTAINING TRAP(S) AND ADJUSTING SIZE(S) IF DEEMED REQUIRED BY THE ENGINEER DURING CONSTRUCTION.
 - THE SEDIMENT AND EROSION CONTROL MEASUREMENTS MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA SITE INSPECTOR OR CONSERVATION AUTHORITY.

J:\121693_Kinaxis\7.0_Production\03_Design\04_Civil\Sheets\C-900_EROSION - SEDIMENT PLAN.dwg Layout Name: C-900 Plot Style: AA_STANDARD-FULL.CTB Plot Scale: 1:254.4 Printed At: 7/9/2019 9:14 AM User: James.Battiston

D07-16-17-XXXX