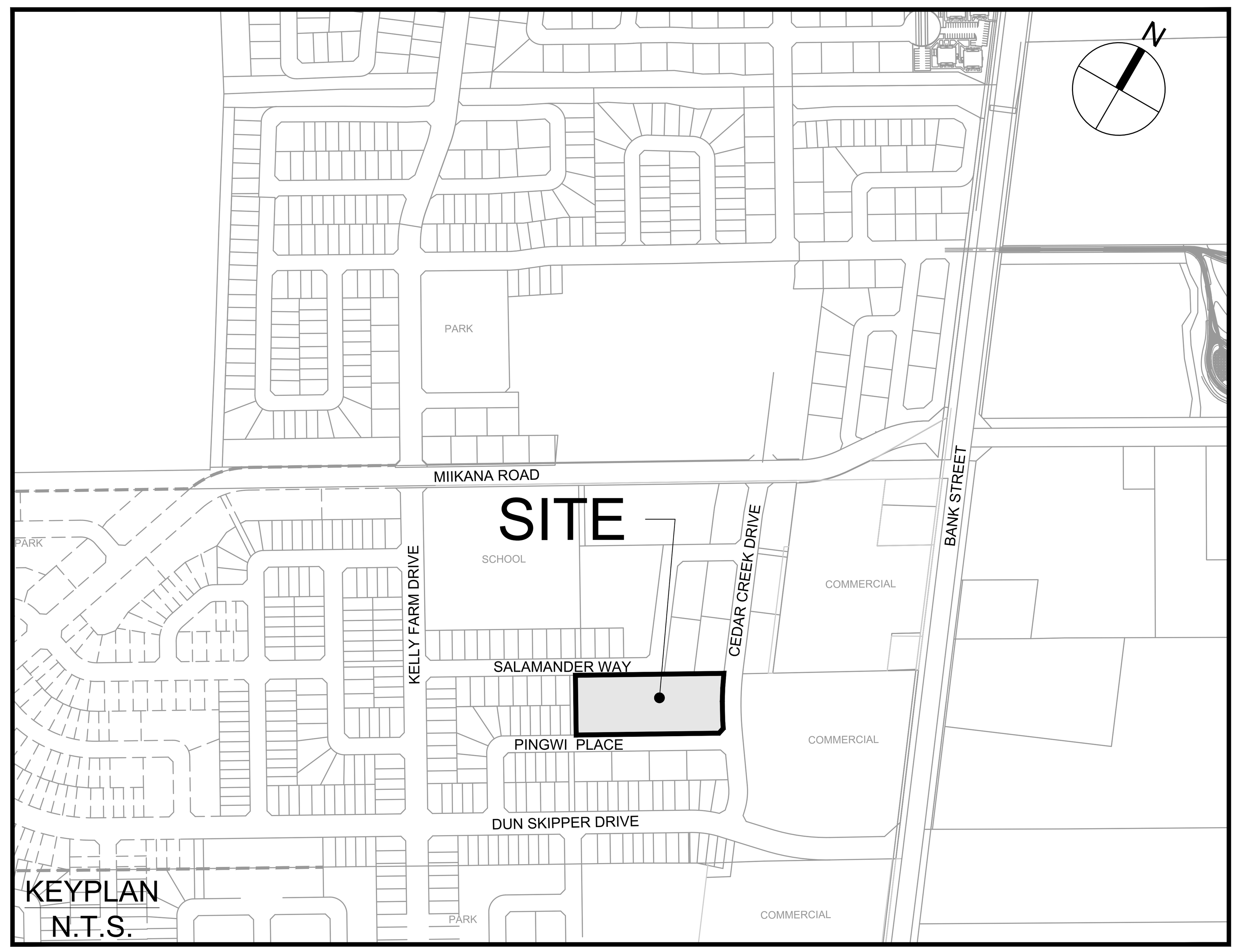
1055 CEDAR CREEK DRIVE

pathways
at FINDLAY CREEK



IBI GROUP
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Sheet List Table		
Sheet Number	Sheet Title	Sheet Description
-	COVER	
001	SITE SERVICING PLAN	
010	GENERAL NOTES, LEGEND AND CB DATA TABLE	
200	SITE GRADING PLAN	
400	SANITARY DRAINAGE AREA PLAN	
500	STORM DRAINAGE AREA PLAN	
600	SITE PONDING PLAN	
900	EROSION AND SEDIMENTATION CONTROL PLAN	

DCR/PHOENIX GROUP OF COMPANIES

CITY OF OTTAWA

CONTRACT NO. 121793

REVISED AS PER CITY COMMENTS - 2020/12/14

D07-12-20-0037

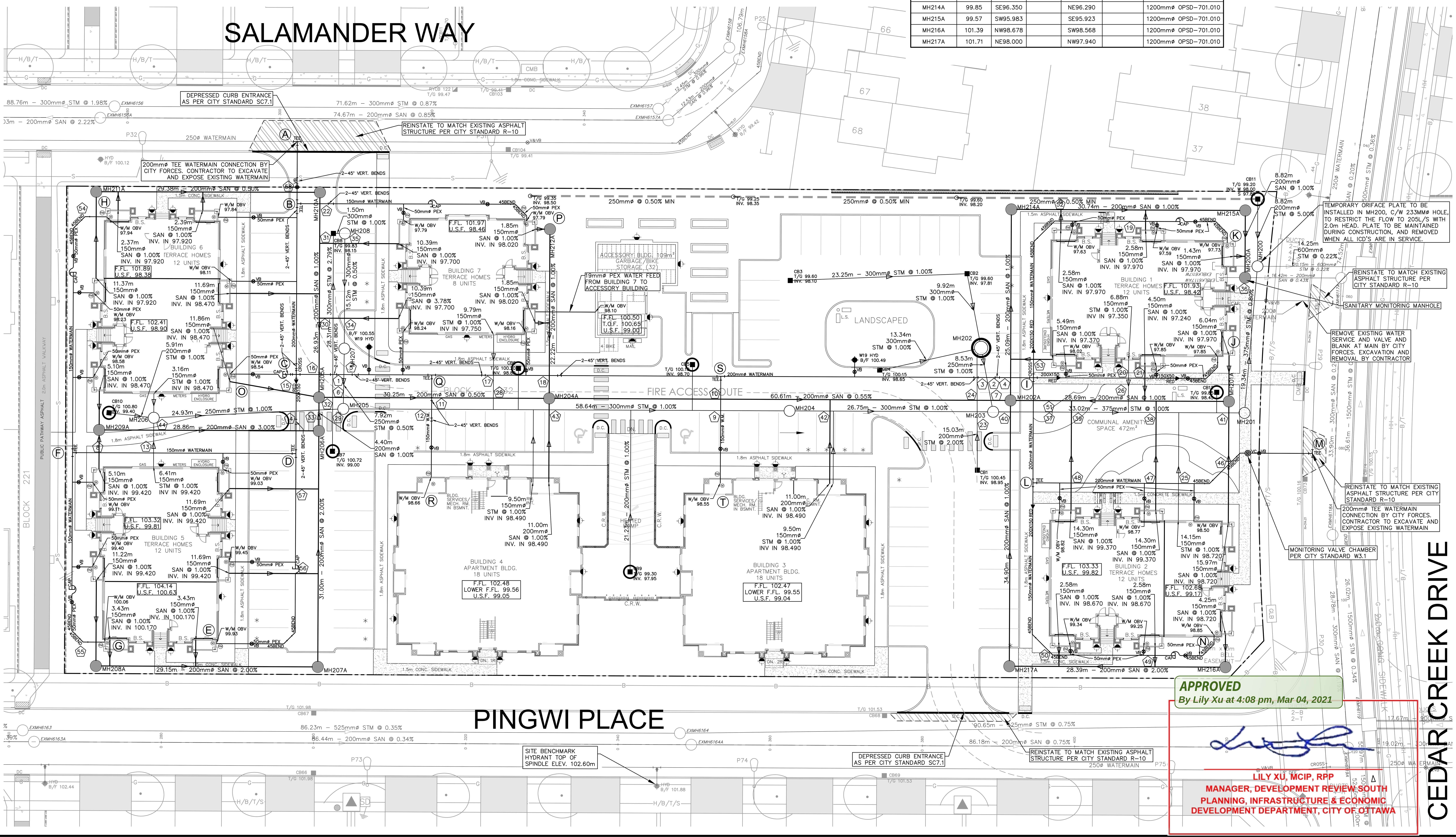
LOCATION	AREA (HA)	RELEASE RATE (L/S)	Head (M)	ICD
MH202	0.081 0.066 0.037 0.038	52	2.037	Custom IPEX MHF 131 mm Diameter
CB5	0.054	17	1.42	Custom IPEX MHF 82 mm Diameter
CB6	0.074	17	1.5	Custom IPEX MHF 81 mm Diameter
CB7	0.1 0.086	58	1.736	Custom IPEX MHF 144 mm Diameter
CB9	0.038	17	1.25	NO ICD - unrestricted
CB10	0.029	10	1.45	Custom HYDROVEX 100 VHV-1 restricted at 10 l/s
CB11	0.119	27	1.48	Standard IPEX MHF 102 mm Diameter
CB12	0.084	7	1.55	Custom HYDROVEX 75 VHV-1 restricted at 7 l/s
TOTAL	**0.806**	**205**	-	

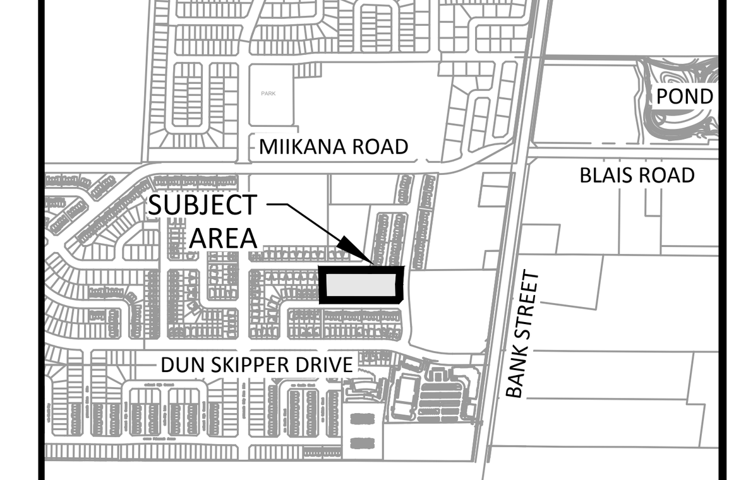
STM STRUCTURE TABLE

NAME	RIM ELEV.	INVERT IN	INVERT IN AS-BUILT	INVERT OUT	INVERT OUT AS-BUILT	DESCRIPTION
EXMH6117	99.46	SE93.050 SW94.435		NW93.010		2438mm x 2438mm RECTANGULAG METRIC
MH200	99.62	SW94.467 SE96.290 NW97.359		NE94.467		1200mmø OPSD-701.010 C/W SAFETY LANDING
MH201	100.31	SW96.505		NW96.445		1200mmø OPSD-701.010
MH202	100.02	NW97.708 SW98.517 S98.649		SE97.688		1200mmø OPSD-701.010
MH203	100.38	SW96.930 NW97.603		NE96.835		1200mmø OPSD-701.010
MH204	100.42	SW97.217		NE97.197		1200mmø OPSD-701.010
MH205	100.67	NW97.939 SW98.030		NE97.804		1200mmø OPSD-701.010
MH206	101.06	SW99.341 NW98.438 SE99.356		NE98.279		1200mmø OPSD-701.010
MH207	100.35	NW97.999		SE97.979		1200mmø OPSD-701.010
MH208	99.80	SW98.135		SE98.075		1200mmø OPSD-701.010

SAN STRUCTURE TABLE

NAME	RIM ELEV.	INVERT IN	INVERT IN AS-BUILT	INVERT OUT	INVERT OUT AS-BUILT	DESCRIPTION
EXMH6117A	99.58	SE93.580 SW95.720		NW93.520		1200mmø OPSD-701.010
MH200A	99.88	NW95.834 SW95.774		NE95.774		1200mmø OPSD-701.010
MH201A	100.20	NW97.910 SE98.560		SW96.948		1200mmø OPSD-701.010
MH202A	100.36	SW96.647 NE96.661 SE97.591		NW96.601		1200mmø OPSD-701.010
MH204A	100.38	SW97.000 SE98.380 NW97.666		NE96.980		1200mmø OPSD-701.010
MH205A	100.67	SE97.172 NW97.212 W98.351		NE97.152		1200mmø OPSD-701.010
MH206A	100.72	SE97.881 SW97.276		NW97.216		1200mmø OPSD-701.010
MH207A	101.89	SW98.561		NW98.501		1200mmø OPSD-701.010
MH208A	102.45	NW99.308		NE99.144		1200mmø OPSD-701.010
MH209A	100.96	SE99.369 NW98.419		NE98.142		1200mmø OPSD-701.010
MH210A	99.85	SW97.541		SE97.481		1200mmø OPSD-701.010
MH211A	100.18	SE97.806		NE97.688		1200mmø OPSD-701.010
MH212A	100.14	SW98.001		SE97.888		1200mmø OPSD-701.010
MH214A	99.85	SE96.350		NE96.290		1200mmø OPSD-701.010
MH215A	99.57	SW95.983		SE95.923		1200mmø OPSD-701.010
MH216A	101.39	NW98.678		SW98.568		1200mmø OPSD-701.010
MH217A	101.71	NE98.000		NW97.940		1200mmø OPSD-701.010





KEY PLAN
N.T.S.

NOTES:

1. SEE DRAWING C-010, C-011 FOR ADDITIONAL DETAILS AND NOTES.
2. SITE BENCHMARK OBTAINED FROM LEGAL SURVEYOR ANNIS O'SULLIVAN VOLLEBEKK LTD. TOP SPINDLE OF HYDRANT ON PINGWI PLACE, ELEV.=102.60m

No.	REVISIONS	By	Date
14			
13			
12			
11			
10			
9			
8			
7			
6			
5			
4			
3	REVISED AS PER CITY COMMENTS	DGY	2020:12:14
2	REVISED AS PER CITY COMMENTS	DGY	2020:09:18
1	ISSUED FOR SPA	DGY	2019:12:18

DCR/PHOENIX GROUP OF COMPANIES

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Project Title

1055 CEDAR CREEK DRIVE

LICENSED PROFESSIONAL ENGINEER
D. G. Yannoulopoulos
2020/12/14
PROVINCE OF ONTARIO

Drawing Title

SITE SERVICING PLAN

Scale 1:250

Design	Date
RM/WZ	SEPT. 2019
Drawn	**Checked**
DPS/WZ	DGY
Project No.	**Drawing No.**
121793	001

D07-12-20-0037

#________

UTILITY LEGEND

- TRANSFORMER
- TRANSFORMER C/W CONCRETE WINGS
- HYDRO SWITCHGEAR
- HYDRO MANHOLE
- BELL PEDESTAL
- GLB — BELL GRADE LEVEL BOX (l=600mm, w=1200mm, d=750mm) C/W 1.5 x 3.0m easement
- FC — BELL FIBER CABINET (l=1200mm, w=750mm, d=500mm)
- CSP — BELL CENTRAL SPLITTING POINTS (l=1175mm, w=1200mm, d=500mm)
- ROGERS PEDESTAL
- ROGERS VAULT (l=1000mm, w=1000mm, d=1200mm) C/W 1m x 2m easement
- P30 — STREET LIGHT
- STREET LIGHT DISCONNECT
- STREET LIGHT GROUNDING
- H/B/T/G/S — JOINT UTILITY TRENCH
- H — HYDRO CABLE AND DUCTS
- B — BELL CABLE
- BB — BELL DUCTS
- T — ROGERS CABLE
- TT — ROGERS DUCTS
- G — GAS
- S — STREET LIGHT CABLE
- UTILITY DROP LOCATIONS
- 10–DUCTS 6–H 4–T — CONCRETE ENCASED DUCT BANK C/W NUMBER OF DUCTS
- CMB — COMMUNITY MAILBOX
- PROPOSED TREE LOCATION
- ROOT MANAGEMENT BARRIER

SEDIMENT EROSION LEGEND

- HEAVY DUTY SILT FENCE
- SNOW FENCE
- STRAW BALE CHECK DAM
- STRAW BALE CHECK DAM WITH FILTER CLOTH
- ROCK CHECK DAM
- SEDIMENT SACK PLACED UNDER EXISTING CB COVER
- TEMPORARY MUD MAT 0.15m THICK 50mm CLEAR STONE ON NON WOVEN FILTER CLOTH

GENERAL LEGEND

- LIMIT OF CONSTRUCTION
- PHASING LINE
- BARRIER CURB
- MOUNTABLE CURB
- DEPRESSED BARRIER CURB
- CONCRETE SIDEWALK
- TACTILE WALKING SURFACE INDICATOR
- ASPHALT SIDEWALK / PATHWAY
- BUS STOP CONCRETE / ASPHALT

ROADWAY STRUCTURE:

LIGHT-DUTY ASPHALT AREA (615mm)

40mm	- SUPERPAVE 12.5 ASPHALTIC CONCRETE
50mm	- SUPERPAVE 19.0 ASPHALTIC CONCRETE
150mm	- OPSS GRANULAR "A" CRUSHED STONE
375mm	- OPSS GRANULAR "B" TYPE II

SERVICING LEGEND

- MH118A — SANITARY MANHOLE
- 200mmø SAN — SANITARY SEWER
- MH109 / MH118 — STORM MANHOLE
- 825mmø STM — STORM SEWER - LESS THAN 900ø
- 900mmø STM — STORM SEWER - 900ø AND GREATER
- 200ø WATERMAIN — WATERMAIN
- CB100 T/G 104.10 — STREET CATCHBASIN C/W TOP OF GRATE
- CICB101 G/G 104.25 — CURB INLET CATCHBASIN C/W GUTTER GRADE
- DCB100 T/G 104.10 — DOUBLE CATCHBASIN C/W TOP OF GRATE
- DICB101 G/G 104.25 — DITCH INLET CATCHBASIN C/W GUTTER GRADE
- CBMH100 T/G 103.59 — CATCHBASIN MANHOLE C/W TOP OF GRATE
- CBMH101 T/G 103.59 — DITCH INLET MANHOLE C/W TOP OF GRATE
- CB100 T/G 104.10 — ICD LOCATION
- RYCB T/G 104.35 — REAR YARD CATCHBASIN IN ROAD CONNECTING STRUCTURE C/W SOLID GRATE
- T/G 104.35 INV 103.35 — REAR YARD "TEE" CATCHBASIN (300ø) C/W TOP OF GRATE AND INVERT OUT
- T/G 104.50 INV 103.50 — REAR YARD "END" CATCHBASIN (300ø) C/W TOP OF GRATE AND INVERT OUT
- T/G 104.35 INV 103.35 — REAR YARD "CUSTOM ANGLED " CATCHBASIN (450ø) C/W TOP OF GRATE AND INVERT OUT
- T/G 104.35 INV 103.35 — REAR YARD "THREE WAY" CATCHBASIN (450ø) C/W TOP OF GRATE AND INVERT OUT
- PERFORATED REAR YARD SUBDRAIN
- 300mmø CSP — CSP CULVERT C/W DIAMETER
- V&VB — VALVE AND VALVE BOX
- V&VC — VALVE AND VALVE CHAMBER
- HYD 104.35 — FIRE HYDRANT C/W BOTTOM OF FLANGE ELEVATION
- 200ø WM RED 150ø WM — WATERMAIN REDUCER
- 2, VBENDS — VERTICAL BEND LOCATION
- SINGLE SERVICE LOCATION
- DOUBLE SERVICE LOCATION
- BH 12 102.00 — INFERRED BEDROCK (SEE GEOTECHNICAL REPORT)
- HGL 101.79 — 100 YEAR STORM HYDRAULIC GRADE LINE AT MANHOLE
- S/T HGL 101.79 — STRESS TEST STORM HYDRAULIC GRADE LINE AT MANHOLE
- 108 102.40 — UNDERSIDE OF FOOTING ELEVATION (WITH LOT #)
- CLAY SEAL IN SEWER / WATERMAIN TRENCH

GRADING LEGEND

- PROPOSED SWALE C/W FLOW DIRECTION
- 0.5% — PROPOSED DITCH C/W FLOW DIRECTION AND SLOPE
- 1.5% — SLOPE C/W FLOW DIRECTION
- MAJOR OVERLAND FLOW ROUTE
- 104.62 — PROPOSED SPOT GRADE
- 104.40 SW — PROPOSED SWALE GRADE
- 104.50 SWHP — PROPOSED SWALE HIGH POINT GRADE
- 104.50 103.59 — LOT CORNER GRADE C/W EXISTING GRADE
- 86.45 EX= — TIE INTO EXISTING GRADE
- 95.79 — FULL STATIC PONDING GRADE
- RETAINING WALL
- 105.30 T/W — TOP OF RETAINING WALL GRADE
- TERRACING 3:1 MAXIMUM UNLESS NOTED OTHERWISE
- 103.50 B/W — PROPOSED BOTTOM OF RETAINING WALL GRADE
- PRESSURE REDUCING VALVE (Based on the higher of the sewer obverts, or hydraulic grade line)
- F.F.L. 96.32 — FINISHED FLOOR ELEVATION
- T.FND. 95.96 — TOP OF FOUNDATION ELEVATION
- U.S.F. 93.36 — UNDERSIDE OF FOOTING ELEVATION
- RISERS 2 — TOTAL NUMBER OF RISERS
- M.U.S.F. — MINIMUM UNDERSIDE OF FOOTING
- M.G.G. — MINIMUM GARAGE GRADE
- WU — WALKUP UNIT
- WO — WALKOUT UNIT
- NS — NON-STANDARD FOUNDATION (Frost cover not provided for standard unit)
- BS — BACKSPLIT UNIT (1.5m frost cover on footings)
- F — NOISE FENCE LOCATION
- F — NOISE FENCE GATE

APPROVED
By Lily Xu at 4:08 pm, Mar 04, 2021

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

WATERMAIN SCHEDULE

	STATION	DESCRIPTION	FINISHED GRADE (m)	TOP OF WATERMAIN	WATERMAIN COVER	AS-BUILT WATERMAIN	COMMENTS
A	0+000.00	CONNECT TO EX. 250Ø W/M WITH 250Ø x 200Ø TEE	99.69	97.38	2.31		
	0+004.77	200Ø – 45° VERTICAL BEND	99.83	97.43	2.40		
	0+005.60	200Ø – 45° VERTICAL BEND	99.86	98.03	1.83		* INSULATE PER W22
	0+006.00	200Ø V&VB	99.87	98.03	1.84		* INSULATE PER W22
B	0+008.17	150Ø x 200Ø TEE	99.81	98.03	1.79		* INSULATE PER W22
	0+008.67	200Ø – 45° VERTICAL BEND	99.80	98.03	1.77		* INSULATE PER W22
	0+009.47	200Ø – 45° VERTICAL BEND	99.77	97.37	2.40		
	0+010.00	50Ø SERVICE CONNECTION BUILDING 6	99.76	97.36	2.40		
	0+018.39	50Ø SERVICE CONNECTION BUILDING 6	100.07	97.67	2.40		
	0+029.19	200Ø – 45° VERTICAL BEND	100.56	98.16	2.40		
	0+029.84	200Ø – 45° VERTICAL BEND	100.58	98.60	1.98		* INSULATE PER W22
C	0+030.59	200Ø x 200Ø CROSS	100.62	98.70	1.91		* INSULATE PER W22
	0+031.47	200Ø x 150Ø REDUCER	100.65	98.77	1.88		* INSULATE PER W22
	0+032.51	-	100.70	98.98	1.71		* INSULATE PER W22
	0+036.48	150Ø – 45° VERTICAL BEND	100.79	98.65	2.14		* INSULATE PER W22
	0+037.13	150Ø – 45° VERTICAL BEND	100.76	98.36	2.40		
D	0+041.00	200Ø x 150Ø TEE	100.83	98.43	2.40		
	0+055.25	50Ø SERVICE CONNECTION BUILDING 5	101.29	98.89	2.40		
	0+056.12	150Ø CAP	101.33	98.93	2.40		
	0+064.50	50Ø – 45° BEND	101.68	99.28	2.40		
	0+066.62	50Ø – 45° BEND	101.82	99.42	2.40		
	0+071.83	50Ø V&VB	102.02	99.62	2.40		
E	0+076.47	50Ø SERVICE CONNECTION BUILDING 5	102.33	99.93	2.40		
D	0+000.00	150Ø x 150Ø TEE	100.83	98.43	2.40		
	0+010.60	50Ø SERVICE CONNECTION BUILDING 5	101.40	97.94	3.46		
	0+017.20	-	101.27	98.88	2.40		
	0+020.20	-	101.27	98.87	2.40		
F	0+029.35	150Ø x 150Ø TEE	101.08	98.68	2.40		
F	0+000.00	150Ø x 150Ø TEE	101.08	98.68	2.40		
	0+003.88	50Ø SERVICE CONNECTION BUILDING 5	101.36	98.96	2.40		
	0+015.00	50Ø SERVICE CONNECTION BUILDING 5	101.81	99.41	2.40		
	0+018.00	150Ø CAP	101.94	99.54	2.40		
	0+020.13	50Ø V&VB	102.03	99.63	2.40		
	0+023.37	50Ø – 45° BEND	102.16	99.76	2.40		
	0+025.49	50Ø – 45° BEND	102.31	99.91	2.40		
G	0+027.47	50Ø SERVICE CONNECTION BUILDING 5	102.46	100.06	2.40		
F	0+000.00	150Ø x 150Ø TEE	101.08	98.68	2.40		
	0+009.88	50Ø SERVICE CONNECTION BUILDING 6	100.84	98.44	2.40		
	0+021.00	50Ø SERVICE CONNECTION BUILDING 6	100.57	98.17	2.40		
	0+023.66	150Ø CAP	100.50	98.10	2.40		
	0+025.82	50Ø V&VB	100.45	98.05	2.40		
	0+029.50	50Ø – 45° BEND	100.36	98.15	2.21		* INSULATE PER W22
	0+031.62	50Ø – 45° BEND	100.33	98.30	2.03		* INSULATE PER W22
H	0+033.44	50Ø SERVICE CONNECTION BUILDING 6	100.34	97.94	2.40		
C	0+000.00	200Ø x 200Ø CROSS	100.62	98.70	1.91		* INSULATE PER W22
	0+004.50	200Ø – 45° VERTICAL BEND	100.52	98.31	2.22		* INSULATE PER W22
	0+005.30	200Ø – 45° VERTICAL BEND	100.51	97.40	3.10		
	0+007.35	200Ø – 45° VERTICAL BEND	100.46	97.44	3.02		
	0+008.15	200Ø – 45° VERTICAL BEND	100.45	98.05	2.40		
	0+009.55	200Ø x 150Ø HYDRANT TEE	100.45	98.05	2.40		
	0+014.00	50Ø SERVICE CONNECTION BUILDING 7	100.45	98.05	2.40		
Q	0+017.80	150Ø SERVICE CONNECTION BUILDING 4	100.49	98.09	2.40		
	0+024.36	200Ø – 45° VERTICAL BEND	100.29	97.89	2.40		
	0+024.84	200Ø – 45° VERTICAL BEND	100.29	98.31	1.98		* INSULATE PER W22
	0+030.18	50Ø SERVICE CONNECTION BUILDING 7	100.25	98.34	1.91		* INSULATE PER W22
	0+034.35	200Ø – 45° VERTICAL BEND	100.34	98.37	1.96		* INSULATE PER W22
	0+034.83	200Ø – 45° VERTICAL BEND	100.35	97.95	2.40		
S	0+055.78	150Ø SERVICE CONNECTION BUILDING 3	100.26	97.86	2.40		
	0+073.36	200Ø x 150Ø HYDRANT TEE	100.28	97.88	2.40		
	0+089.03	200Ø – 45° VERTICAL BEND	100.22	97.82	2.40		
	0+089.59	200Ø – 45° VERTICAL BEND	100.21	98.32	1.89		* INSULATE PER W22
	0+091.84	200Ø – 45° VERTICAL BEND	100.20	98.32	1.88		* INSULATE PER W22
	0+092.40	200Ø – 45° VERTICAL BEND	100.22	97.82	2.40		
I	0+096.86	200Ø x 200Ø CROSS	100.43	98.03	2.40		
	0+100.60	200Ø x 150Ø REDUCER	100.33	97.93	2.40		
	0+101.13	50Ø SERVICE CONNECTION BUILDING 1	100.32	97.92	2.40		
	0+107.35	-	100.18	97.94	2.24		* INSULATE PER W22
	0+110.42	-	100.18	97.94	2.24		* INSULATE PER W22
	0+113.00	50Ø SERVICE CONNECTION BUILDING 1	100.18	97.78	2.40		
	0+115.74	150Ø CAP	100.18	97.78	2.40		
	0+117.15	50Ø V&VB	100.18	97.78	2.40		
	0+119.55	50Ø – 45° BEND	100.18	97.78	2.40		
	0+121.67	50Ø – 45° BEND	100.23	97.83	2.40		
J	0+123.04	50Ø SERVICE CONNECTION BUILDING 1	100.25	97.85	2.40		
I	0+000.00	200Ø x 200Ø CROSS	100.43	98.03	2.40		
	0+003.56	200Ø x 150Ø REDUCER	100.36	97.96	2.40		
	0+017.90	150Ø – 45° BEND	99.94	97.54	2.40		
	0+021.71	150Ø – 45° BEND	99.89	97.29	2.60		
	0+024.03	50Ø SERVICE CONNECTION BUILDING 1	99.89	97.45	2.44		
	0+035.16	50Ø SERVICE CONNECTION BUILDING 1	99.89	97.39	2.49		
	0+038.18	150Ø CAP	99.88	97.48	2.40		
	0+040.20	50Ø V&VB	99.90	97.50	2.40		
	0+042.89	50Ø – 45° BEND	99.86	97.46	2.40		
	0+045.02	50Ø – 45° BEND	100.03	97.63	2.40		
K	0+046.27	50Ø SERVICE CONNECTION BUILDING 1	100.13	97.73	2.40		
L	0+000.00	200Ø x 200Ø TEE	100.91	98.51	2.40		
	0+003.51	50Ø SERVICE CONNECTION BUILDING 2	100.92	98.52	2.40		
	0+014.64	50Ø SERVICE CONNECTION BUILDING 2	100.81	98.41	2.40		
	0+021.18	50Ø SERVICE CONNECTION BUILDING 2	100.69	98.11	2.58		
	0+023.18	200Ø – 45° BEND	100.65	98.25	2.40		
	0+028.87	200Ø – 45° BEND	100.40	98.00	2.40		
	0+029.87	200Ø MONITORING VALVE CHAMBER	100.38	97.98	2.40		
	0+031.37	200Ø V&VB	100.33	97.93	2.40		
M	0+038.37	CONNECT TO EXISTING WITH 250Ø x 200Ø TEE	100.10	97.79	2.31		
I	0+000.00	200Ø x 200Ø CROSS	100.43	98.03	2.40		
L	0+013.81	200Ø x 200Ø TEE	100.91	98.51	2.40		
	0+016.94	200Ø x 150Ø REDUCER	101.12	98.72	2.40		
	0+033.71	150Ø – 45° BEND	101.67	99.27	2.40		
	0+037.52	150Ø – 45° BEND	101.69	99.29	2.40		
	0+039.84	50Ø SERVICE CONNECTION BUILDING 2	101.65	99.25	2.40		
	0+049.46	50Ø SERVICE CONNECTION BUILDING 2	101.62	99.23	2.39		* INSULATE PER W22
	0+053.62	150Ø CAP	101.61	99.22	2.39		* INSULATE PER W22
	0+054.95	50Ø V&VB	101.56	99.16	2.40		
	0+057.21	50Ø – 45° BEND	101.45	99.05	2.40		
	0+059.33	50Ø – 45° BEND	101.29	98.89	2.40		
N	0+060.58	50Ø SERVICE CONNECTION BUILDING 1	101.25	98.85	2.40		
C	0+000.00	200Ø x 200Ø CROSS	100.62	98.70	1.91		* INSULATE PER W22
	0+000.75	200Ø – 45° VERTICAL BEND	100.63	98.70	1.93		* INSULATE PER W22
	0+001.40	200Ø – 45° VERTICAL BEND	100.64	98.24	2.40		
	0+001.72	200Ø CAP	100.65	98.25	2.40		
	0+006.71	50Ø V&VB	100.77	98.37	2.40		
O	0+009.69	50Ø SERVICE CONNECTION BUILDING 5	100.99	98.59	2.40		
B	0+000.00	150Ø x 200Ø TEE	99.81	98.03	1.79		* INSULATE PER W22
	0+004.10	150Ø – 45° VERTICAL BEND	99.81	98.07	1.74		* INSULATE PER W22
	0+004.79	150Ø – 45° VERTICAL BEND	99.81	97.41	2.40		
	0+014.00	50Ø SERVICE CONNECTION BUILDING 7	99.90	97.50	2.40		
	0+017.76	150Ø CAP	99.89	97.49	2.40		
	0+025.03	50Ø V&VB	99.85	97.45	2.40		
	0+028.68	50Ø – 45° BEND	99.83	97.43	2.40		
	0+030.80	50Ø – 45° BEND	100.10	97.70	2.40		
P	0+031.48	50Ø SERVICE CONNECTION BUILDING 7	100.19	97.79	2.40		
Q	0+000.00	200Ø x 150Ø TEE	100.49	98.09	2.40		
	0+002.95	150Ø – 45° VERTICAL BEND	100.46	98.06	2.40		
	0+003.35	150Ø – 45° VERTICAL BEND	100.47	98.46	2.02		* INSULATE PER W22
	0+005.65	150Ø – 45° VERTICAL BEND	100.59	98.46	2.13		* INSULATE PER W22
	0+006.05	150Ø – 45° VERTICAL BEND	100.61	98.21	2.40		
	0+009.53	150Ø V&VB	100.74	98.34	2.40		
R	0+013.38	150Ø SERVICE CONNECTION BUILDING 4	101.06	98.66	2.40		
S	0+000.00	200Ø x 150Ø TEE	100.26	97.86	2.40		
	0+002.95	-	100.46	98.06	2.40		
	0+003.35	-	100.47	98.46	2.02		* INSULATE PER W22
	0+005.65	-	100.59	98.46	2.13		* INSULATE PER W22
	0+006.05	-	100.61	98.21	2.40		
	0+009.53	150Ø V&VB	100.64	98.24	2.40		
T	0+013.38	150Ø SERVICE CONNECTION BUILDING 3	100.95	98.55	2.40		

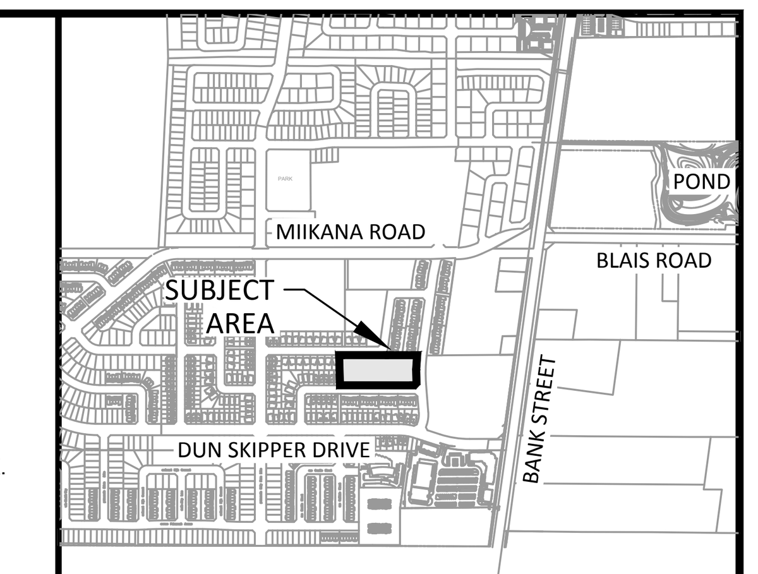
REVISED 2020-08-28

NOTES :

1. ALL MATERIALS AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE CURRENT CITY OF OTTAWA STANDARD DRAWINGS & SPECIFICATIONS OR OPSD/OPSS IF CITY DRAWINGS AND SPECIFICATIONS DO NOT APPLY.
2. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING SERVICES AND UTILITIES PRIOR TO CONSTRUCTION AND SHALL PROTECT AND ASSUME RESPONSIBILITY FOR ALL UTILITIES WHETHER OR NOT SHOW ON THESE DRAWINGS.
3. FOR GEOTECHNICAL INFORMATION REFER TO GEOTECHNICAL REPORT DATED JANUARY, 2020, PREPARED BY GOLDER ASSOCIATES.
4. FOR GEODETIC BENCHMARK AND GEOMETRIC LAYOUT OF STREET AND LOTS, REFER TO TOPOGRAPHICAL SURVEY AND PLAN OF SUBDIVISION PREPARED BY ANNIS O'SULLIVAN VOLLEBEKK LTD. BENCHMARK BASED ON CAN--NET VIRTUAL REFERENCE SYSTEM NETWORK.
5. ROADWAY SECTIONS REQUIRING GRADE RAISE TO PROPOSED SUB GRADE LEVEL TO BE FILLED WITH ACCEPTABLE NATIVE EARTH BORROW OR IMPORTED OPSS SELECTED SUBGRADE MATERIAL IF NATIVE MATERIAL IS DEFICIENT AS PER RECOMMENDATION OF GEOTECHNICAL ENGINEER.
6. IN AREAS WHERE EXISTING GROUND IS BELOW THE PROPOSED ELEVATION OF SEWER AND WATERMAINS, GRADE RAISING AND FILLING IS TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT. AS PER CITY GUIDELINES ALL WATERMAINS IN FILL AREAS ARE TO BE TIED WITH RESTRAINING JOINTS AND THRUST BLOCKS.
7. WHERE 50mm OR LESS FLEXIBLE WATERMAIN CONNECTS TO LARGER DIAMETER WATERMAIN, THE CONNECTION SHALL BE MADE AS PER CITY OF OTTAWA STANDARD W37.2.
8. SILT FENCE TO BE ERECTED PRIOR TO EARTH WORKS BEING COMMENCED. SILT FENCE TO BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED OR UNTIL START OF SUBSEQUENT PHASE.
9. STRAW BALE SEDIMENT TRAPS TO BE PLACED AND MAINTAINED IN EXISTING AND CONSTRUCTED ROAD SIDE DITCHES. TRAPS TO REMAIN AND BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED (IF APPLICABLE).
10. SILT SACK TO BE PLACED AND MAINTAINED UNDER COVER OF ALL CATCHBASINS. GEOTEXTILE SILT SACK IN STREET CBs TO REMAIN UNTIL ALL CURBS ARE CONSTRUCTED. GEOTEXTILE FABRIC IN RYCBs TO REMAIN UNTIL VEGETATION IS ESTABLISHED. ALL CATCHBASINS TO BE REGULARLY INSPECTED AND CLEANED, AS NECESSARY, UNTIL SOD AND CURBS ARE CONSTRUCTED.
11. ALL CONNECTIONS TO EXISTING WATERMAINS ARE TO BE COMPLETED BY CITY FORCES. CONTRACTOR IS TO EXCAVATE, BACKFILL, COMPACT AND REINSTATE.
12. ALL LEADS FOR STREET CB's TO AND CICB's CONNECTED TO MAIN SHALL BE 250mmØ PVC DR35 @ MIN 2% SLOPE UNLESS NOTED OTHERWISE. ALL LEADS FOR RYCB's CONNECTED TO MAIN SHALL BE 200mmØ PVC DR35 @ MIN 1% SLOPE UNLESS NOTED OTHERWISE.
13. THESE DRAWINGS ARE NOT TO BE SCALED OR USED FOR LAYOUT PURPOSES.
14. THE COMPOSITE UTILITY PLAN HAS BEEN REVIEWED BY IBI GROUP FOR CONFORMITY TO THE DESIGN CONCEPT FOR THE DEVELOPMENT AND FOR GENERAL ARRANGEMENT ONLY AND AS SUCH SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN EITHER LAYOUT OR WORKMANSHIP.
15. THIS DRAWING IS A COMPILATION OF OTHER UTILITY DESIGNS AND DOES NOT INDICATE IN ANY WAY THAT THE PARTY SIGNING THIS DRAWING HAS DESIGNED OR APPROVED THE RESPECTIVE UTILITY PLANTS INDICATED ON THIS DRAWING. THE DRAWING WAS PREPARED TO BE USED AS REFERENCE ONLY AS PER REQUIREMENTS OF THE CITY OF OTTAWA. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE IT HAS REVIEWED THE CURRENT AND EXISTING DESIGNS BY HYDRO, STREET LIGHTING, BELL, CANADA POST, O.C. TRANSPO, CABLE TV AND ANY OTHER PARTIES INCLUDED BUT NOT MENTIONED AND COMPLETE THE INSTALLATION IN ACCORDANCE WITH THE REQUIREMENTS OF THE STAKEHOLDER UTILITY DESIGNS.
16. THE HGL PROVIDED IS BASED ON HYDRAULIC MODELING COMPLETED USING XPSWMM AND THE 100 YEAR CHICAGO STORM EVENT (C3H10010).
17. ALL UTILITY BOXES (I.E. PEDESTALS, TRANSFORMERS, ETS) ARE TO BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE CITY OF OTTAWA'S "GUIDELINES FOR UTILITY PEDESTALS WITHIN THE ROAD RIGHT OF WAY"

Pipe Interference Table

Crossing No.	PIPE 1	PIPE 2	Clearance
1	STM Bottom 98.718	WTR Top 97.981	0.737
2	WTR Bottom 98.105	STM Top 97.855	0.250
3	STM Bottom 98.700	WTR Top 98.200	0.500
4	WTR Bottom 97.633	SAN Top 96.777	0.856
5	STM Bottom 97.954	WTR Top 97.453	0.501
6	STM Bottom 97.939	SAN Top 97.342	0.597
7	STM Bottom 97.612	SAN Top 96.867	0.745
8	SAN Bottom 99.394	WTR Top 98.810	0.585
9	WTR Bottom 97.929	STM Top 97.678	0.251
10	WTR Bottom 97.867	SAN Top 97.062	0.805
11	WTR Bottom 97.892	SAN Top 97.284	0.608
12	WTR Bottom 98.308	STM Top 98.058	0.250
13	STM Bottom 99.375	WTR Top 98.876	0.500
14	WTR Bottom 98.600	STM Top 98.350	0.251
15	WTR Bottom 98.780	SAN Top 98.526	0.253
16	WTR Bottom 98.204	SAN Top 97.448	0.756
17	WTR Bottom 98.101	STM Top 97.852	0.250
18	WTR Bottom 98.152	SAN Top 97.902	0.250
19	SAN Bottom 97.955	WTR Top 97.454	0.500
20	WTR Bottom 97.731	STM Top 97.481	0.250
21	WTR Bottom 97.661	SAN Top 97.380	0.282
22	WTR Bottom 97.925	SAN Top 97.672	0.253
23	STM Bottom 98.790	STM Top 97.321	1.469
24	STM Bottom 98.760	SAN Top 96.877	1.883
25	STM Bottom 98.667	WTR Top 98.161	0.506
26	STM Bottom 97.292	SAN Top 97.022	0.269
28	STM Bottom 97.662	SAN Top 97.243	0.419
29	STM Bottom 98.846	STM Top 98.302	0.544
30	STM Bottom 98.512	SAN Top 97.542	0.970
31	STM Bottom 98.237	SAN Top 97.772	0.466
32	STM Bottom 98.802	SAN Top 97.349	1.453
33	STM Bottom 98.054	SAN Top 97.395	0.660
34	STM Bottom 98.010	SAN Top 97.598	0.412
35	STM Bottom 98.059	SAN Top 97.787	0.273
36	STM Bottom 96.226	SAN Top 95.974	0.252
37	WTR Bottom 97.956	STM Top 97.221	0.735
38	SAN Bottom 99.237	STM Top 97.072	2.165
39	SAN Bottom 99.237	STM Top 97.183	2.054
40	SAN Bottom 97.600	STM Top 97.263	0.337
41	SAN Bottom 98.571	STM Top 96.977	1.594
42	SAN Bottom 98.389	STM Top 97.514	0.875
43	SAN Bottom 98.389	STM Top 97.903	0.486
44	STM Bottom 99.345	SAN Top 98.133	1.212
46	SAN Bottom 98.639	WTR Top 98.107	0.532
47	SAN Bottom 99.330	WTR Top 98.215	1.115
48	SAN Bottom 99.330	WTR Top 98.494	0.837
49	WTR Bottom 99.063	SAN Top 98.814	0.250
50	WTR Bottom 99.116	SAN Top 98.814	0.302
51	WTR Bottom 97.900	SAN Top 96.909	0.991
52	SAN Bottom 97.955	WTR Top 97.455	0.500
53	WTR Bottom 97.780	SAN Top 97.512	0.268
54	WTR Bottom 98.243	SAN Top 97.993	0.250
55	WTR Bottom 99.922	SAN Top 99.495	0.427
56	SAN Bottom 99.329	WTR Top 98.928	0.500
57	SAN Bottom 99.319	WTR Top 98.572	0.746
58	WTR Bottom 98.012	SAN Top 97.762	0.250



KEY PLAN
N.T.S.

NOTES:

1. SEE DRAWING C-010, C-011 FOR ADDITIONAL DETAILS AND NOTES.
2. SITE BENCHMARK OBTAINED FROM LEGAL SURVEYOR ANNIS O'SULLIVAN VOLLEBEKK LTD. TOP SPINDLE OF HYDRANT ON PINGWI PLACE, ELEV.=102.60m

No.	REVISIONS	By	Date
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3	REVISED AS PER CITY COMMENTS	DGY	2020:12:14
2	REVISED AS PER CITY COMMENTS	DGY	2020:09:18
1	ISSUED FOR SPA	DGY	2019:12:18

DCR/PHOENIX GROUP OF COMPANIES

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

Project Title
1055 CEDAR CREEK DRIVE

LICENSED PROFESSIONAL ENGINEER
D. G. Yannoulopoulos
2020/12/14
PROVINCE OF ONTARIO

Drawing Title
GENERAL NOTES, LEGEND AND CB DATA TABLE

Scale: N.T.S.

Design	Date
RM/WZ	SEPT, 2019
Drawn	**Checked**
DPS/WZ	DGY
Project No.	**Drawing No.**
121793	010

D07-12-20-0037

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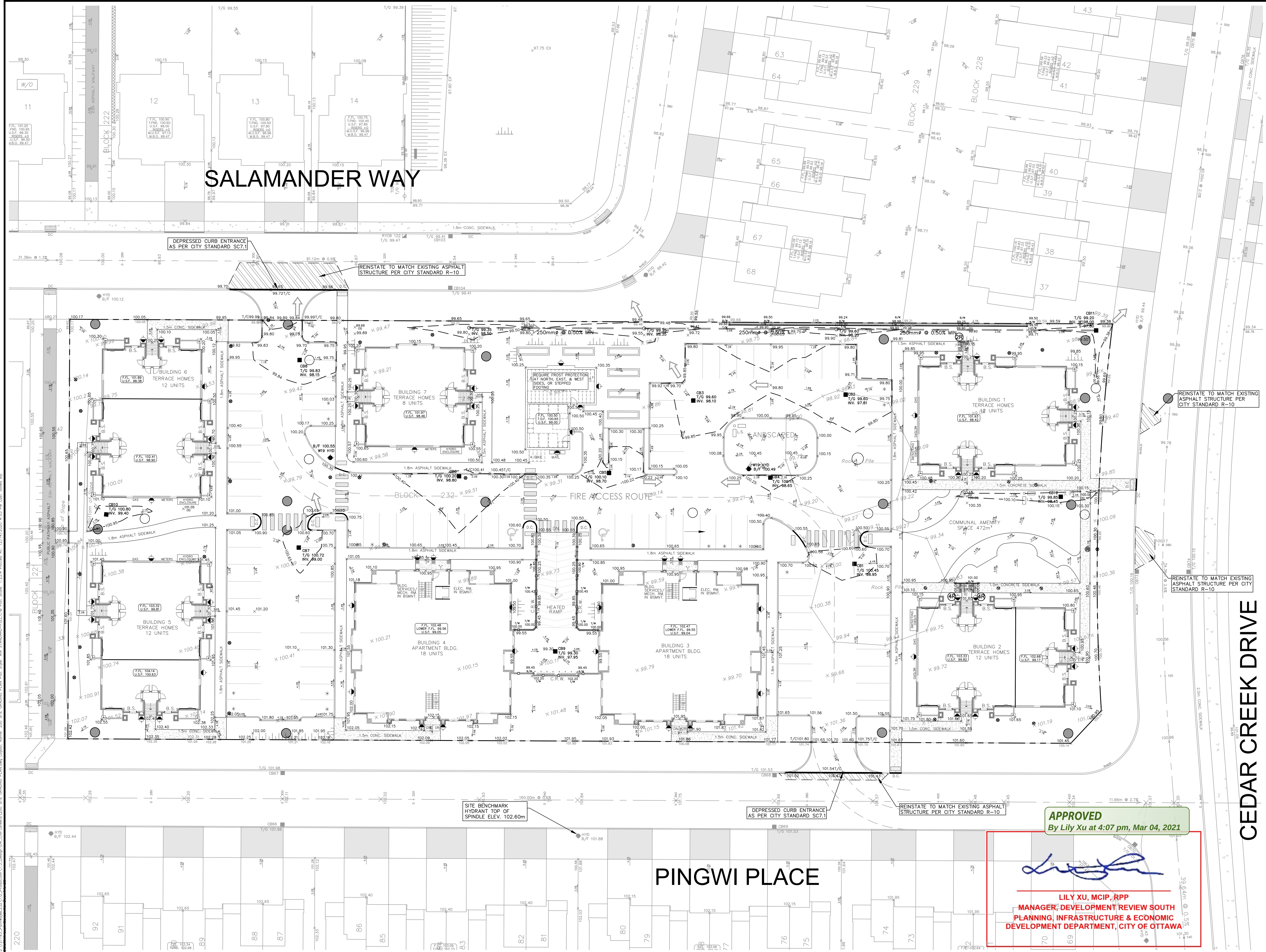

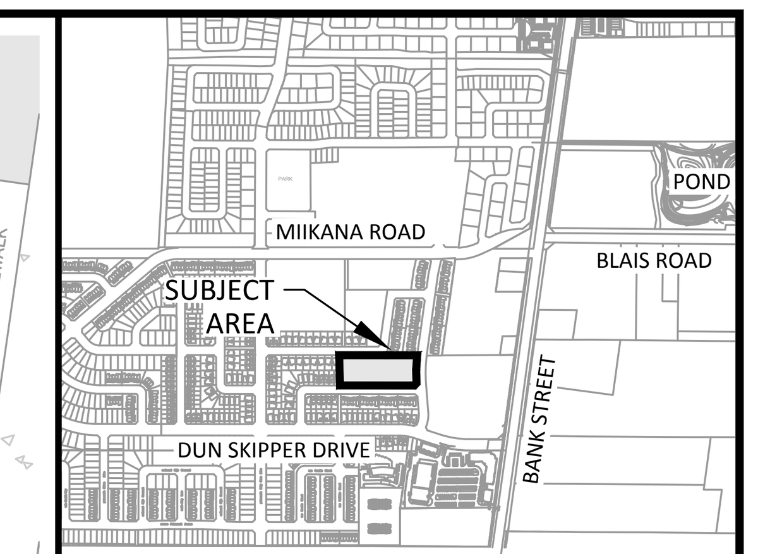

KEY PLAN
N.T.S.

NOTES:
1. SEE DRAWING C-010, C-011 FOR ADDITIONAL DETAILS AND NOTES.
2. SITE BENCHMARK OBTAINED FROM LEGAL SURVEYOR ANNIS O'SULLIVAN VOLLEBEKK LTD. TOP SPINDLE OF HYDRANT ON PINGWI PLACE, ELEV.=102.60m

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1	ISSUED FOR SPA	DGY	2019:12:18

DCR/PHOENIX GROUP OF COMPANIES

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Project Title
1055 CEDAR CREEK DRIVE

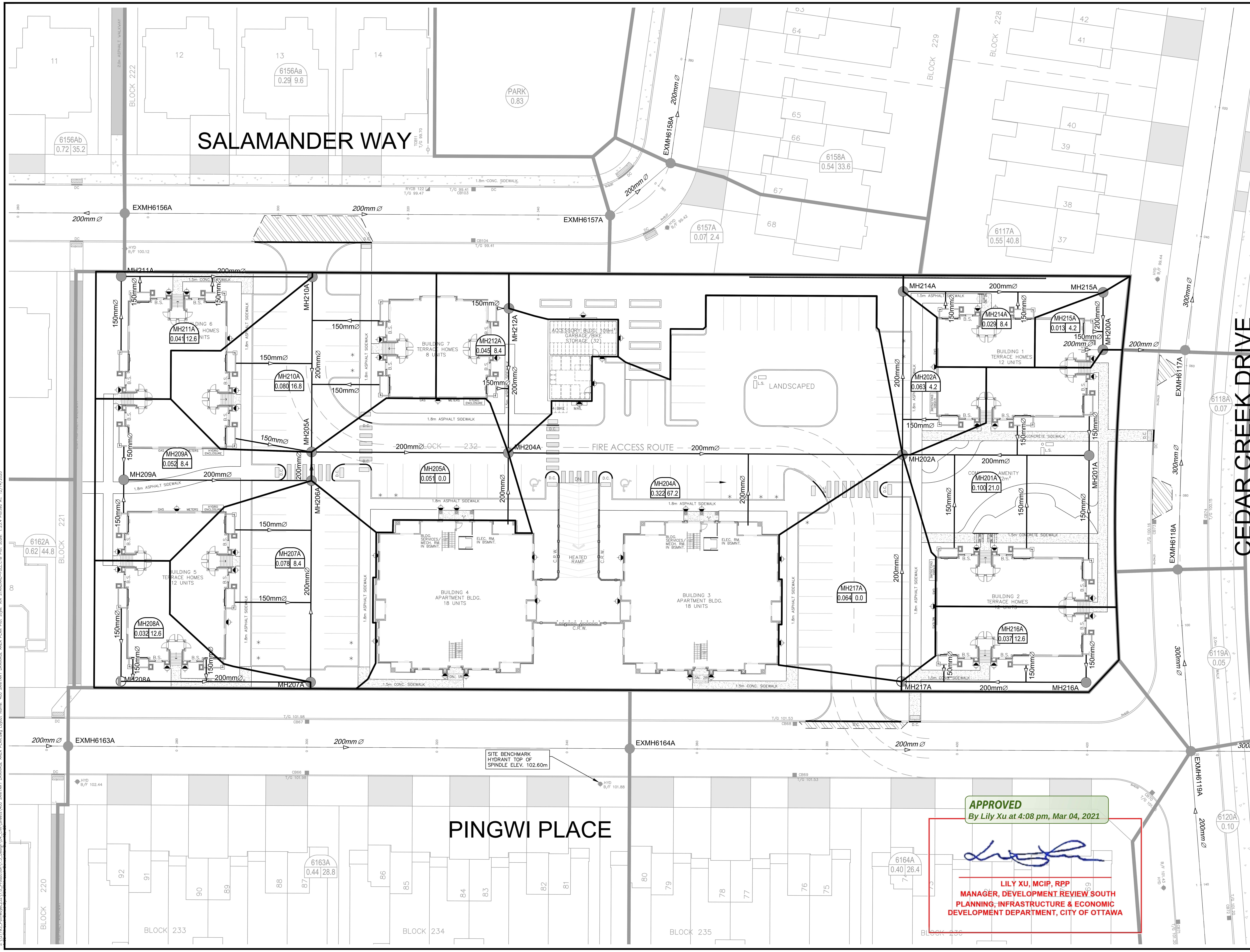
LICENSED PROFESSIONAL ENGINEER D. G. Yannoulopoulos 2020/12/14 PROVINCE OF ONTARIO

Drawing Title
SITE GRADING PLAN

Scale 1:250

Design	Date
RM/WZ	SEPT. 2019
Drawn	Checked
DPS/WZ	DGY
Project No.	Drawing No.
121793	200

D07-12-20-0037



SALAMANDER WAY
PINGWI PLACE
CEDAR CREEK DRIVE
FIRE ACCESS ROUTE
LANDSCAPED
BUILDING 1 TERRACE HOMES 12 UNITS
BUILDING 2 TERRACE HOMES
BUILDING 3 APARTMENT BLDG. 18 UNITS
BUILDING 4 APARTMENT BLDG. 18 UNITS
BUILDING 5 TERRACE HOMES 12 UNITS
BUILDING 7 TERRACE HOMES 8 UNITS
ACCESSORY BLDG. GARBAGE/BIKE STORAGE (32)
HEATED RAMP
EXMH6156A
EXMH6157A
EXMH6158A
EXMH6163A
EXMH6164A
EXMH6117A
EXMH6118A
EXMH6119A
MH211A 0.041 12.6
MH210A 0.080 16.8
MH212A 0.045 8.4
MH209A 0.052 8.4
MH205A 0.051 0.0
MH204A 0.322 67.2
MH207A 0.078 8.4
MH208A 0.032 12.6
MH214A 0.029 8.4
MH215A 0.013 4.2
MH202A 0.063 4.2
MH201A 0.100 21.0
MH216A 0.037 12.6
MH217A 0.064 0.0
6156Aa 0.29 9.6
6156Ab 0.72 35.2
6157A 0.07 2.4
6158A 0.54 33.6
6117A 0.55 40.8
6118A 0.07
6119A 0.05
6120A 0.10
6162A 0.62 44.8
6163A 0.44 28.8
6164A 0.40 26.4
PARK 0.83
SITE BENCHMARK HYDRANT TOP OF SPINDLE ELEV. 102.60m

KEY PLAN
N.T.S.

NOTES:

1. SEE DRAWING C-010, C-011 FOR ADDITIONAL DETAILS AND NOTES.
2. SITE BENCHMARK OBTAINED FROM LEGAL SURVEYOR ANNIS O'SULLIVAN VOLLEBEKK LTD. TOP SPINDLE OF HYDRANT ON PINGWI PLACE, ELEV.=102.60m

LEGEND :

- 6115A — AREA NUMBER
- 43.2 — POPULATION
- 0.81 — AREA IN HECTARES
- FUTURE FLOW DIRECTION
- EXISTING AREA NUMBER
- EXISTING POPULATION
- AREA IN HECTARES
- EXISTING FLOW DIRECTION

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1	ISSUED FOR SPA	DGY	2019:12:18

DCR/PHOENIX GROUP OF COMPANIES

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ibigroup.com

Project Title
1055 CEDAR CREEK DRIVE

LICENSED PROFESSIONAL ENGINEER D. G. Yannoulopoulos 2020/12/14 PROVINCE OF ONTARIO

Drawing Title
SANITARY DRAINAGE AREA PLAN

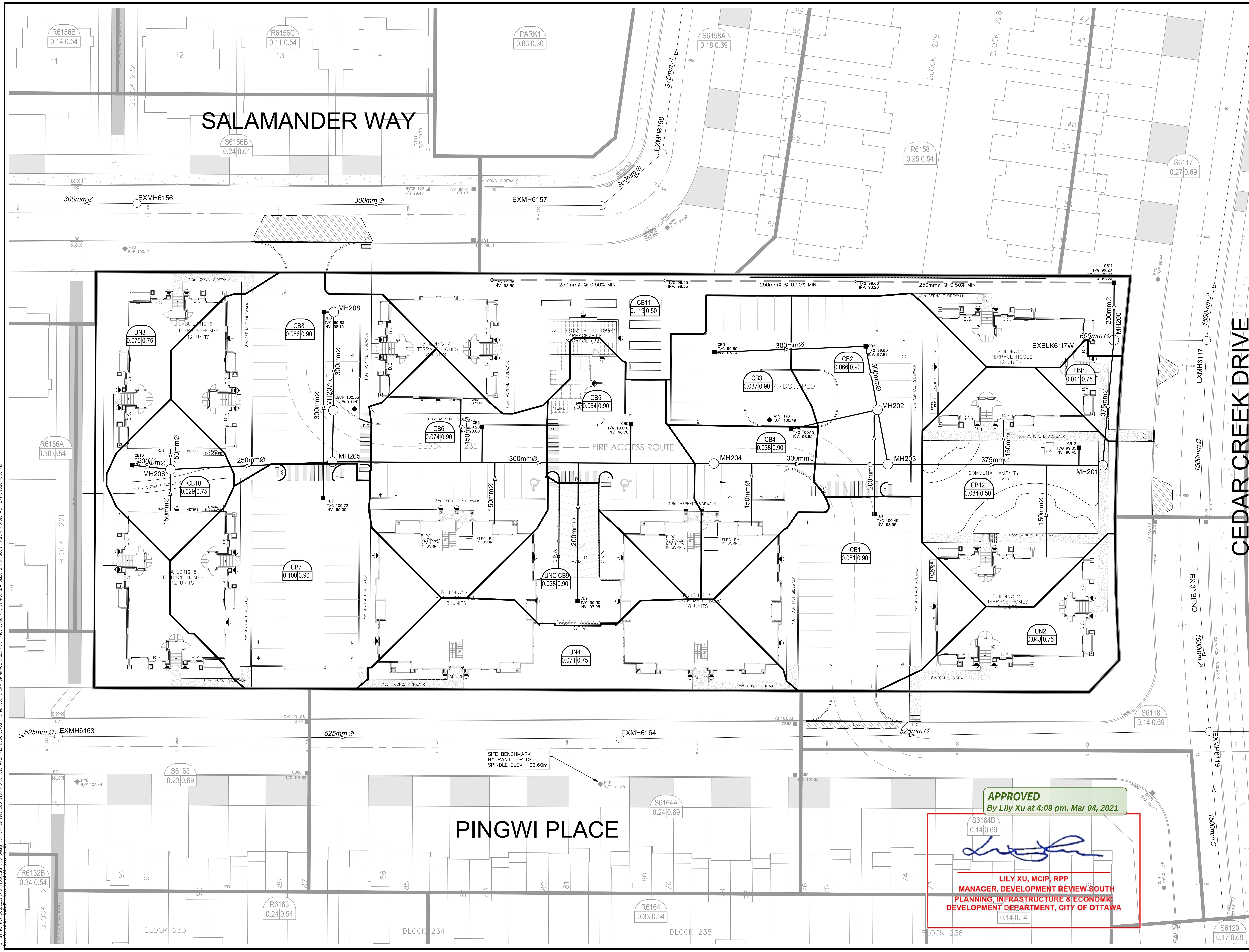
Scale 1:250

Design	Date
RM/WZ	SEPT, 2019
Drawn	Checked
DPS/WZ	DGY
Project No.	Drawing No.
121793	400

D07-12-20-0037

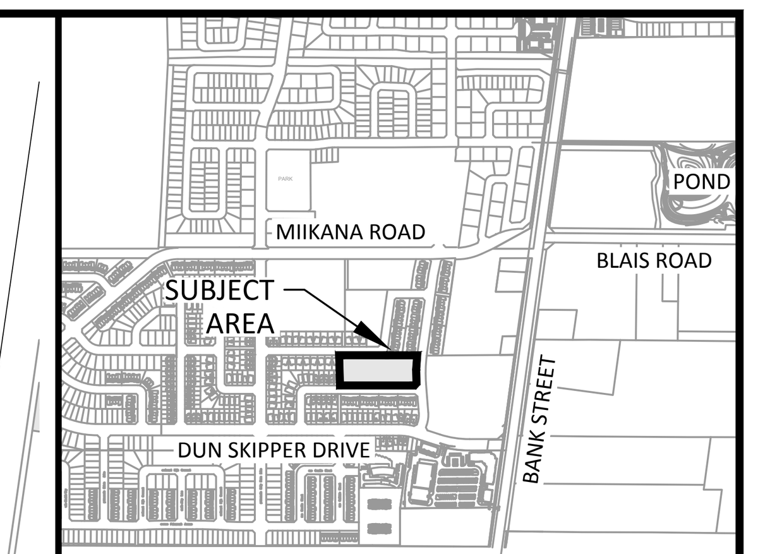
APPROVED
By Lily Xu at 4:08 pm, Mar 04, 2021

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA



APPROVED
By Lily Xu at 4:09 pm, Mar 04, 2021

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA



KEY PLAN
N.T.S.

NOTES:
1. SEE DRAWING C-010, C-011 FOR ADDITIONAL DETAILS AND NOTES.
2. SITE BENCHMARK OBTAINED FROM LEGAL SURVEYOR ANNIS O'SULLIVAN VOLLEBEKK LTD. TOP SPINDLE OF HYDRANT ON PINGWI PLACE, ELEV.=102.60m

LEGEND :
6115A — AREA NUMBER
0.81 | 0.25 — RUNOFF COEFFICIENT; AREA IN HECTARES
FUTURE FLOW DIRECTION
6115A — EXISTING AREA NUMBER
0.81 | 0.35 — EXISTING RUNOFF COEFFICIENT; AREA IN HECTARES
EXISTING FLOW DIRECTION

No.	REVISIONS	By	Date
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3	REVISED AS PER CITY COMMENTS	DGY	2020:12:14
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1	ISSUED FOR SPA	DGY	2019:12:18

DCR/PHOENIX GROUP OF COMPANIES

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

Project Title
1055 CEDAR CREEK DRIVE

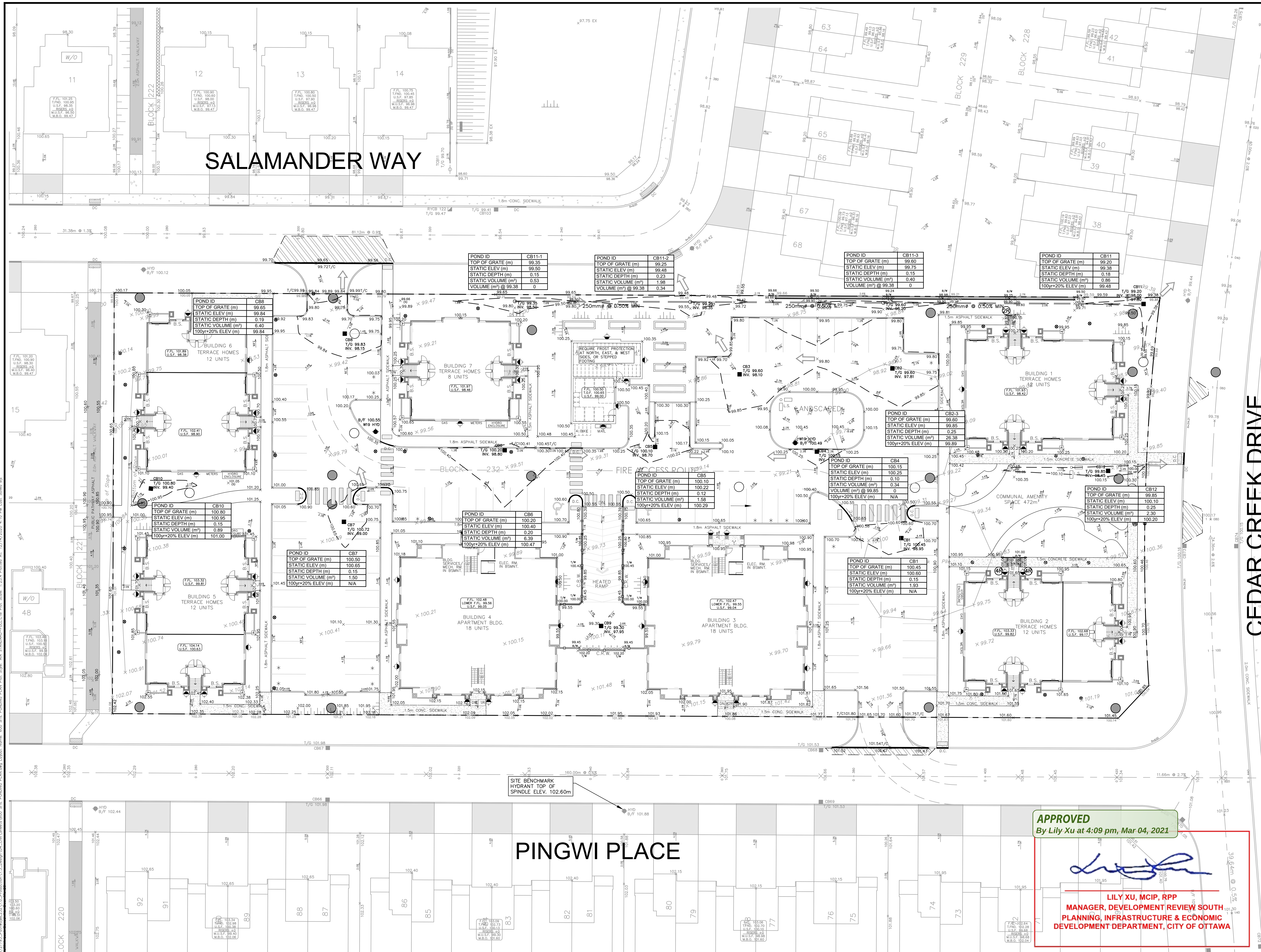
LICENSED PROFESSIONAL ENGINEER
D. G. Yannoulopoulos
2020/12/14
PROVINCE OF ONTARIO

Drawing Title
STORM DRAINAGE AREA PLAN

Scale
1:250

Design	Date
RM/WZ	SEPT, 2019
Drawn	**Checked**
DPS/WZ	DGY
Project No.	**Drawing No.**
121793	500

D07-12-20-0037



POND ID	CB11-1
TOP OF GRATE (m)	99.35
STATIC ELEV (m)	99.50
STATIC DEPTH (m)	0.15
STATIC VOLUME (m³)	0.53
VOLUME (m³) @ 99.38	0

POND ID	CB11-2
TOP OF GRATE (m)	99.25
STATIC ELEV (m)	99.48
STATIC DEPTH (m)	0.23
STATIC VOLUME (m³)	1.98
VOLUME (m³) @ 99.38	0.34

POND ID	CB11-3
TOP OF GRATE (m)	99.60
STATIC ELEV (m)	99.75
STATIC DEPTH (m)	0.15
STATIC VOLUME (m³)	0.40
VOLUME (m³) @ 99.38	0

POND ID	CB11
TOP OF GRATE (m)	99.20
STATIC ELEV (m)	99.38
STATIC DEPTH (m)	0.18
STATIC VOLUME (m³)	0.86
100yr+20% ELEV (m)	99.48

POND ID	CB8
TOP OF GRATE (m)	99.65
STATIC ELEV (m)	99.84
STATIC DEPTH (m)	0.19
STATIC VOLUME (m³)	6.40
100yr+20% ELEV (m)	99.84

POND ID	CB2-3
TOP OF GRATE (m)	99.60
STATIC ELEV (m)	99.85
STATIC DEPTH (m)	0.25
STATIC VOLUME (m³)	26.38
100yr+20% ELEV (m)	99.89

POND ID	CB10
TOP OF GRATE (m)	100.80
STATIC ELEV (m)	100.95
STATIC DEPTH (m)	0.15
STATIC VOLUME (m³)	0.89
100yr+20% ELEV (m)	101.00

POND ID	CB6
TOP OF GRATE (m)	100.20
STATIC ELEV (m)	100.40
STATIC DEPTH (m)	0.20
STATIC VOLUME (m³)	6.39
100yr+20% ELEV (m)	100.47

POND ID	CB5
TOP OF GRATE (m)	100.10
STATIC ELEV (m)	100.22
STATIC DEPTH (m)	0.12
STATIC VOLUME (m³)	1.58
100yr+20% ELEV (m)	100.29

POND ID	CB4
TOP OF GRATE (m)	100.15
STATIC ELEV (m)	100.25
STATIC DEPTH (m)	0.10
STATIC VOLUME (m³)	0.34
VOLUME (m³) @ 99.85	0
100yr+20% ELEV (m)	N/A

POND ID	CB12
TOP OF GRATE (m)	99.85
STATIC ELEV (m)	100.10
STATIC DEPTH (m)	0.25
STATIC VOLUME (m³)	2.30
100yr+20% ELEV (m)	100.20

POND ID	CB7
TOP OF GRATE (m)	100.50
STATIC ELEV (m)	100.65
STATIC DEPTH (m)	0.15
STATIC VOLUME (m³)	1.50
100yr+20% ELEV (m)	N/A

POND ID	CB1
TOP OF GRATE (m)	100.45
STATIC ELEV (m)	100.60
STATIC DEPTH (m)	0.15
STATIC VOLUME (m³)	1.93
100yr+20% ELEV (m)	N/A

KEY PLAN
N.T.S.

NOTES:
1. SEE DRAWING C-010, C-011 FOR ADDITIONAL DETAILS AND NOTES.
2. SITE BENCHMARK OBTAINED FROM LEGAL SURVEYOR ANNIS O'SULLIVAN VOLLEBEKK LTD. TOP SPINDLE OF HYDRANT ON PINGWI PLACE, ELEV.=102.60m

No.	REVISIONS	By	Date
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3	REVISED AS PER CITY COMMENTS	DGY	2020:12:14
2	REVISED AS PER CITY COMMENTS	DGY	2020:09:18
1	ISSUED FOR SPA	DGY	2019:12:18

DCR/PHOENIX GROUP OF COMPANIES

IBI GROUP
400 – 333 Preston Street
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tel 613 225 1311 fax 613 225 9868
ibigroup.com

Project Title
1055 CEDAR CREEK DRIVE

LICENSED PROFESSIONAL ENGINEER D. G. Yannoulopoulos 2020/12/14 PROVINCE OF ONTARIO

Drawing Title
SITE PONDING PLAN

Scale 1:250

Design	RM/WZ	Date	SEPT, 2019
Drawn	DPS/WZ	Checked	DGY
Project No.	121793	Drawing No.	600

APPROVED
By Lily Xu at 4:09 pm, Mar 04, 2021

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

D07-12-20-0037

SALAMANDER WAY

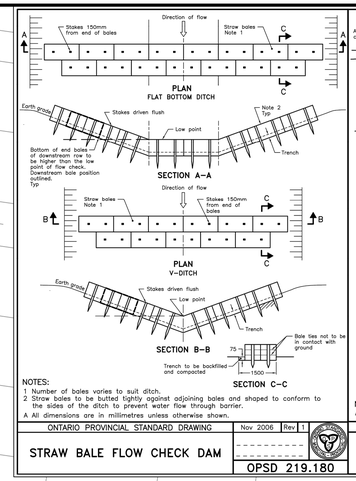
PINGWI PLACE

CEDAR CREEK DRIVE

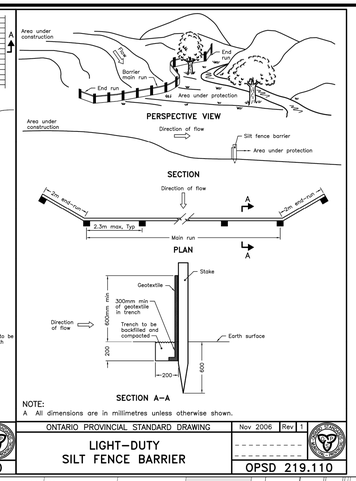
FIRE ACCESS ROUTE

NOTES:

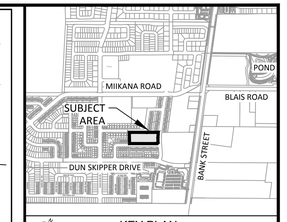
1. SILT FENCE TO BE ERECTED PRIOR TO EARTH WORKS BEING COMMENCED. SILT FENCE TO BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED OR UNTIL START OF SUBSEQUENT PHASE.
2. STRAW BALE SEDIMENT TRAPS TO BE CONSTRUCTED IN EXISTING ROAD SIDE DITCHES. TRAPS TO REMAIN AND BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED.
3. SILT SACK TO BE PLACED AND MAINTAINED UNDER COVER OF ALL CATCHBASINS. GEOTEXTILE SILT SACK IN STREET CBs TO REMAIN UNTIL ALL CURBS ARE CONSTRUCTED. GEOTEXTILE FABRIC IN RYCBs TO REMAIN UNTIL VEGETATION IS ESTABLISHED. ALL CATCHBASINS TO BE REGULARLY INSPECTED AND CLEANED, AS NECESSARY, UNTIL SOD AND CURBS ARE CONSTRUCTED.
4. WORKS NOTED ABOVE ARE TO BE INSTALLED, INSPECTED, MAINTAINED ANNS. ULTIMATELY REMOVED BY SERVICING CONTRACTOR.
5. THIS IS A "LIVING DOCUMENT" AND MAY BE MODIFIED IN THE EVENT THE PROPOSED CONTROL MEASURES ARE INSUFFICIENT



ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2006	Rev 1
STRAW BALE FLOW CHECK DAM		OPSD 219.180



ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2006	Rev 1
LIGHT–DUTY SILT FENCE BARRIER		OPSD 219.110



KEY PLAN
N.T.S.

NOTES:

1. SEE DRAWING C-010, C-011 FOR ADDITIONAL DETAILS AND NOTES.
2. SITE BENCHMARK OBTAINED FROM LEGAL SURVEYOR ANNES O'SULLIVAN VOLLEBEKK LTD. TOP SPINDLE OF HYDRANT ON PINGWI PLACE, ELEV.=102.60m

LEGEND :

- LIGHT DUTY SILT FENCE AS PER OPSD-219.110
- SNOW FENCE
- STRAW BALE CHECK DAM AS PER OPSD-219.180
- ROCK CHECK DAM AS PER OPSD-219.210
- SILT SACK PLACED UNDER EXISTING CB COVER
- TEMPORARY MUD MAT 0.15m THICK 50mm CLEAR STONE ON NON WOVEN FILTER CLOTH

No.	REVISIONS	By	Date
14			
13			
12			
11			
10			
9			
8			
7			
6			
5			
4			
3	REVISED AS PER CITY COMMENTS	DGY	2020:12:14
2	REVISED AS PER CITY COMMENTS	DGY	2020:09:18
1	ISSUED FOR SPA	DGY	2019:12:18

DCR/PHOENIX GROUP OF COMPANIES

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

Project Title
1055 CEDAR CREEK DRIVE

LICENCED PROFESSIONAL ENGINEER
D. G. Yannoulopoulos
2020/12/14
PROVINCE OF ONTARIO

Drawing Title
EROSION AND SEDIMENTATION CONTROL PLAN

Scale
1:250

Design	Date
RM/WZ	SEPT. 2019
Drawn	Checked
DPS/WZ	DGY
Project No.	Drawing No.
121793	900

APPROVED
By Lily Xu at 4:09 pm, Mar 04, 2021

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

D07-12-20-0037

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