



- EXISTING LEGEND**
- OH OH OVERHEAD WIRES
 - UP UTILITY POLE
 - LS LIGHT STANDARD
 - CB CATCHBASIN
 - CBE CATCHBASIN ELBOW
 - CBT CATCHBASIN TEE
 - AD AREA DRAIN
 - T/G TOP OF GRATE
 - GM GAS METER
 - MH MANHOLE (SANITARY OR STORM)
 - G GAS MAIN
 - V&VB VALVE AND VALVE BOX
 - V&VC VALVE AND VALVE CHAMBER
 - FH FIRE HYDRANT
 - EX-250mm SAN STORM SEWER
 - EX-300mm STM SANITARY SEWER
 - EX-200mm WM WATERMAIN
 - TREES
 - FENCE
 - ORIGINAL GROUND ELEVATION
 - EXISTING CONTOUR
 - OVERLAND FLOW ROUTE

- PROPOSED LEGEND**
- PROPERTY LINE
 - SANITARY SEWER
 - STORM SEWER
 - WATERMAIN
 - CLAY SEAL
 - STORM MANHOLE
 - SANITARY MANHOLE
 - CB1 CATCHBASIN
 - CBE CATCHBASIN ELBOW
 - CBT CATCHBASIN TEE
 - AD AREA DRAIN AND DECK DRAIN
 - RD ROOF DRAIN
 - V&VB VALVE AND VALVE BOX
 - V&VC VALVE AND VALVE CHAMBER (W3)
 - FH FIRE HYDRANT
 - 45° 45° WATERMAIN BEND
 - 22° 22.5° WATERMAIN BEND
 - 11° 11.25° WATERMAIN BEND
 - 200x150 WATERMAIN CROSS (MAIN BRANCH)
 - 200x200x200 WATERMAIN CROSS
 - 200x150 WATERMAIN REDUCER
 - WM WATER METER
 - SC REMOTE WATER METER READER
 - SC SIAMISE CONNECTION
 - FF FLOOR ELEVATION
 - GRS GARAGE FLOOR SLAB ELEVATION
 - P1 PARKING LEVEL FLOOR ELEVATION
 - 3.0% SLOPE AND DIRECTION OF FLOW
 - 5.75 FINAL GRADE
 - H.P. HIGH POINT
 - TERRACING
 - T/G TOP OF GRATE ELEVATION
 - T/F TOP OF FLANGE
 - OVERLAND FLOW ROUTE
 - PHASING LIMITS
 - SILT FENCE
 - BARRIER CURB (SC.1.1)
 - DC DEPRESSED BARRIER CURB LOCATION
 - SWALE AND DIRECTION OF FLOW
 - RETAINING WALL
 - BUILDING ENTRY LOCATION
 - STRUCTURE TO BE ADJUSTED
 - STRUCTURE TO BE RELOCATED

SUMMARY OF STORM WATER MANAGEMENT (ROOF & AREA DRAINS)

Phase	TOWER #	LOCATION	TYPE	FLOW CONTROL	FLOW CONTROL METHOD	NO. WEIR SLOTS PER DRAIN	WEIR POSITON	COMMENT
Existing Phase 1	Tower 1	HIGH ROOF	WATTS RD-100	YES	ACCUTROL ADJ	1	OPEN	MAX 30 GPM PER DRAIN
		PARKING DECK - Hard Surfaces	JR SMITH Model 1005	YES	75mm LEADER			
Existing Phase 2	Tower 2	HIGH ROOF	WATTS RD-100	YES	ACCUTROL ADJ	1	OPEN	MAX 30 GPM PER DRAIN
		AMMENITITES ROOF	WATTS RD-100-BEM	YES	ACCUTROL ADJ	1	OPEN	MAX 30 GPM PER DRAIN
		AMMENITITES ROOF	WATTS RD-100-BEM	NONE				
		PENTHOUSE ROOF	WATTS RD-100-BEM	NONE				
Proposed Phase 3	Tower 3	PARKING DECK - Hard Surfaces	WATTS FD-463P-AF-4	YES	75mm LEADER			
		PARKING DECK - Landscaping	WATTS FD-870-TG	YES	75mm LEADER			
		HIGH ROOF	WATTS RD-100	YES	ACCUTROL ADJ	1	50% Open	MAX 20 GPM PER DRAIN
		AMMENITITES ROOF	WATTS RD-CP-85	YES	ACCUTROL ADJ	1	CLOSED	MAX 5 GPM PER DRAIN
Future Phases 4, 5A, 5B	Towers 4, 5A, 5B	HIGH ROOF	WATTS RD-100	YES	ACCUTROL ADJ	1	50% Open	MAX 20 GPM PER DRAIN
		AMMENITITES ROOF	WATTS RD-CP-85	YES	ACCUTROL ADJ	1	50% Open	MAX 20 GPM PER DRAIN
		AMMENITITES ROOF	WATTS RD-CP-85	NONE				
		PARKING DECK - Hard Surfaces	WATTS FD-460-AF	YES	75mm ORIFICE			

WATERMAIN / SEWER CROSSING TABLE (PHASES 3 & 4)

LOCATION	SANITARY SEWER			STORM SEWER			WATERMAIN			CLEARANCES (mm)
	INVERT ELEV (m)	DIA (mm)	OBV ELEV (m)	INVERT ELEV (m)	DIA (mm)	OBV ELEV (m)	INVERT ELEV (m)	DIA (mm)	OBV ELEV (m)	
1										540
2	48.65	250	48.9	51.75	250	52.00	52.14	200	52.34	3240
3	48.53	250	48.74	51.75	250	52.00	52.14	200	52.34	3260
4				53.12	200	53.32	51.93	200	52.13	990
5				53.08	200	53.28	51.93	200	52.13	990
6				51.16	375	51.54	52.1	200	52.30	560
7	48.38	250	48.63				52.12	200	52.32	3490
8				52.56	200	52.76	51.38	200	51.58	980
9				52.52	200	52.72	51.38	200	51.58	940

WATERMAIN TABLE - TOWERS 3 & 4

STATION	WEST DESCRIPTION	EAST DESCRIPTION	GROUND ELEVATION	DESIGN TOP OF WATERMAIN	ASBUILT TOP OF WATERMAIN
1+000	CONNECTION TO EXISTING CAP	CONNECTION TO EXISTING CAP	53.98	51.33	
1+004.6	CB LEAD STORM CROSSING	CB LEAD STORM CROSSING	53.98	51.58	
1+010			54.20	51.80	
1+020			54.50	52.10	
1+023	200x200 TEE		54.52	52.12	
	200 VALVE & VALVE BOX		54.52	52.12	
	200X150 REDUCER		54.80	52.40	
	FIRE HYDRANT		54.80	52.40	
1+028	CB LEAD STORM CROSSING	CB LEAD STORM CROSSING	54.53	52.13	
1+030			54.58	52.18	
1+048.8	200 VALVE AND VALVE BOX		54.70	52.30	
1+048.5	200x200 TEE		54.70	52.30	
	200 VALVE & VALVE CHAMBER (W3)		54.72	52.32	
1+047.2	TEMP 200 CAP & THRUST BLOCK		54.75	52.35	
	200 VALVE AND VALVE BOX		54.70	52.30	
1+048	TWO 45-DEG BENDS	200x200x200 CROSS	54.70	52.30	
		200X150 REDUCER	54.70	52.30	
		150 VALVE & VALVE BOX	54.70	52.30	
1+050		FIRE HYDRANT	54.70	52.30	
1+051		VALVE & VALVE CHAMBER (W3)	54.72	52.32	
1+051.5		45-DEG BEND	54.75	52.35	
		TEMP 200 CAP & THRUST BLOCK	54.75	52.35	

TOPOGRAPHIC INFORMATION
 PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
 DATED JULY 20, 2018

JOB BENCHMARK
 PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD.
 NCC MONUMENT 01919680184
 NTM-NAD83 ZONE 9
 NORTHING=5040610.15
 EASTING=384736.57
 ELEVATION=52.68

exp SERVICES INC.
 2650 Queenview Drive, Unit 100, Ottawa, ON, K2B 8H6
 T 613 688 1999 F 613 225 7330 www.exp.com

NEUF architect(e)s GENERAL
 630, rue Notre-Léopold O. 5^{ème} étage, Montréal, QC H3B 1S6
 T 514 847 1117 NEUFArchitectes.com

exp Services Inc.
 L: +1 613 688 1999 | F: +1 613 225 7337
 2650 Queenview Drive, Suite 100
 Ottawa, ON K2B 8H6
 Canada
 www.exp.com

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 T 819 243 7392 www.brigil.com

PETRIE'S LANDING I - PHASES 3-5

EMPLACEMENT Location NO PROJECT NO
 OTTAWA, ON. OTT-00247308-A0

NO REVISION DATE (as mm.jj)

1	ISSUED FOR REVIEW	18.08.03
2	ISSUED FOR SITE PLAN APPROVAL	18.09.14
3	ISSUED FOR CLIENT REVIEW	19.04.05
4	ISSUED FOR SITE PLAN APPROVAL	19.05.10
5	ISSUED FOR SITE PLAN APPROVAL	19.05.22
6	ISSUED FOR SPA-CITY COMMENTS	19.07.22
7	REVISED PER CITY COMMENTS	19.07.30
8	UPDATED TOWER 4	20.02.12
9	PRE-IFC FOR BRIGIL REVIEW	20.09.14
10	ISSUED FOR CONSTRUCTION	20.11.10
11	ISSUED FOR TOWER 4 BUILDING PERMIT	21.12.10
12	ISSUED FOR TENDER	22.02.25
13	ISSUED FOR PERMIT UPDATE	22.03.14
14	ISSUED FOR POST TENDER ADDENDUM 1	22.10.28
15	ISSUED FOR TENDER	22.12.05
16	ISSUED FOR CONSTRUCTION	22.12.16
17	ISSUED FOR COORDINATION	23.11.08
18	ISSUED FOR SI-009	23.11.17
19	ISSUED FOR APPROVAL	24.06.24
20	UPDATED CITY NUMBER	25.02.10

DESIGNED BY: S.BUTLER
 CHECKED BY: B.THOMAS

DATE (as mm.jj) 18.07.18
 ECHELLE Scale 1:400

SITE SERVICING PLAN TOWERS 3 & 4

REVISION Revision NO DESSIN Dwg Number

C100
 #14602