



Ponding Number	MINIMUM PONDING ELEV (m)	AREA (m²)	MAXIMUM SPILL			5-YEAR			100-YEAR		
			MAX SPILL ELEV (m)	MAX PONDING DEPTH (m)	MAX PRISM VOLUME (m³)	MAX PONDING ELEV (m)	MAX PONDING DEPTH (m)	MAX PONDING VOLUME (m³)	MAX PONDING ELEV (m)	MAX PONDING DEPTH (m)	MAX PONDING VOLUME (m³)
SP35	53.50	88	53.7	0.20	4.4	53.53	0.03	0.9	53.70	0.20	5.9
SP36	54.20	47	54.40	0.20	2.3	54.20	0.00	0.0	54.22	0.02	0.3
SP99	51.89	45	52.04	0.15	5	51.92	0.03	0.5	52.02	0.12	1.8

GRADING NOTE:

ALL GROUND SURFACES SHALL BE EVENLY GRADED WITHOUT PONDING AREAS AND WITHOUT LOW POINTS EXCEPT WHERE APPROVED CATCHBASINS AND AREA DRAIN INLETS ARE PROVIDED. THE SURFACE SHALL BE GRADED TO ONLY THE AREA DRAINS AND CATCHBASINS SHOWN ON THE GRADING PLANS. NO DECK DRAINS SHALL BE USED AS SURFACE INLETS.

KEY PLAN

EXISTING LEGEND

- 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 BM - WATERMAIN
- Trees
- Fence
- Original Ground Elevation
- Existing Contour
- Overland Flow Route

PROPOSED LEGEND

- STM MH 211
- SAN MH 104
- CB1
- CBE
- CBT
- AD
- RD
- V&VB
- V&VC
- 45°
- 22°
- 11°
- 200x150
- 200x200x200
- 200x150
- SC
- FF=
- GRS=
- P1=
- 3.0%
- 54.75
- H.P.
- T/G=
- T/F=
- OVERLAND FLOW ROUTE
- PHASING LIMITS
- SILT FENCE
- BARRIER CURB (SC1.1)
- DEPRESSED BARRIER CURB LOCATION
- SWALE AND DIRECTION OF FLOW
- RETAINING WALL
- BUILDING ENTRY LOCATION
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE RELOCATED
- MAXIMUM SPILL PONDING LIMIT SHOWN (REFER TO TABLE ON DRAWING)

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

ARCHITECTURE DE PAYSAGE Landscape architect

CIVIL Civil
exp SERVICES INC.
2650 Queensview Drive, Unit 100, Ottawa, ON K2B 8H6
T 613 688 1899 F 613 225 7337 www.exp.com

ARCHITECTES Architect
NEUF architect(e)s GENCL
630, boulevard René-Lévesque O. 3^e étage, Montréal QC H3B 1S6
T 514 847 1117 NEUFArchitectes.com

SCEAU Seal



exp Services Inc.
T: +1 613 688 1899 | F: +1 613 225 7337
2650 Queensview Drive, Suite 100
Ottawa, ON K2B 8H6
Canada
www.exp.com



• BUILDINGS • EARTH & ENVIRONMENT • ENERGY •
• INDUSTRIAL • INFRASTRUCTURE • SUSTAINABILITY •

CLIENT Client



98 Rue Lait, Gatineau QC J8Y 3R7
T 819 243 7392 www.brigil.com

Ouvrage Project

PETRIE'S LANDING I - PHASES 3-5

EMPLACEMENT Location NO PROJET No
OTTAWA, ON. OTT-00247308-A0
NO REVISION DATE (aa.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	UPDATE TO OVERLAND FLOW ROUTE AT TOWER 5A/B	20.06.12
10	PRE-IFC FOR BRIGIL REVIEW	20.09.14
11	ISSUED FOR CONSTRUCTION	20.11.10
12	ISSUED FOR TOWER 4 BUILDING PERMIT	21.12.10
13	ISSUED FOR PERMIT UPDATE	22.03.14
14	ISSUED FOR 80% REVIEW	22.04.21
15	ISSUED FOR PERMIT	22.07.15
16	ISSUED FOR POST TENDER ADDENDUM 1	22.10.28
17	ISSUED FOR TENDER	22.12.05
18	ISSUED FOR CONSTRUCTION	22.12.16
19	ISSUED FOR RE-TENDER	23.03.10
20	ISSUED FOR COORDINATION	23.11.08
21	ISSUED FOR SH-009	23.11.17
22	UPDATED CITY NUMBER	25.02.10

DESIGNER PAR Drawn by
S.BUTLER
DATE (aa.mm.jj) 18.07.18
VERIFIER PAR Checked by
B.THOMAS
Echelle: Scale 1:400

STORM PONDING PLAN TOWERS 5 & 6

REVISION Revision NO. DESSIN Dwg Number

C402

#14602