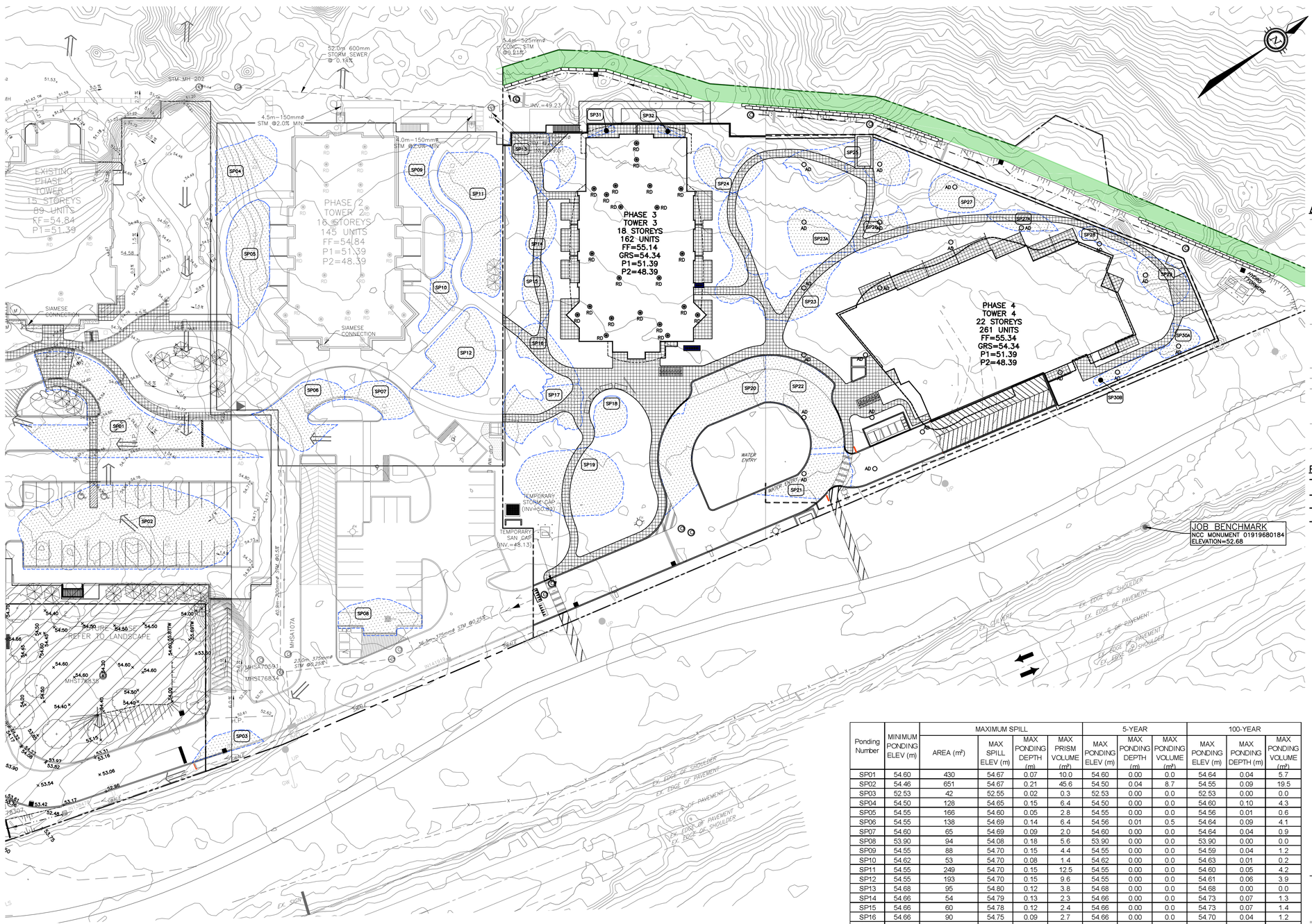

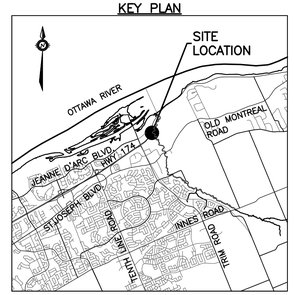

EXISTING LEGEND

- OVERHEAD WIRES
- UTILITY POLE
- LIGHT STANDARD
- CATCHBASIN
- CATCHBASIN ELBOW
- CATCHBASIN TEE
- AREA DRAIN
- TOP OF GRATE
- GAS METER
- MANHOLE (SANITARY OR STORM)
- GAS MAIN
- VALVE AND VALVE BOX
- VALVE AND VALVE CHAMBER
- FIRE HYDRANT
- EX.250mmø SAN — STORM SEWER
- EX.300mmø STM — SANITARY SEWER
- EX.200mmø WM — WATERMAIN
- TREES
- FENCE
- ORIGINAL GROUND ELEVATION
- EXISTING CONTOUR
- OVERLAND FLOW ROUTE

PROPOSED LEGEND

- PROPERTY LINE
- 200mmø SAN — SANITARY SEWER
- 200mmø STM — STORM SEWER
- 200mmø WATERMAIN — WATERMAIN
- CLAY SEAL
- STM MH 211 — STORM MANHOLE
- SAN MH 104 — 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)
- FIRE HYDRANT
- 45° — 45° WATERMAIN BEND
- 22° — 22.5° WATERMAIN BEND
- 11° — 11.25° WATERMAIN BEND
- 200x150 — WATERMAIN TEE (MAIN BRANCH)
- 200x200x200 — WATERMAIN CROSS
- 200x150 — WATERMAIN REDUCER
- WM — WATER METER
- RWM — REMOTE WATER METER READER
- SC — SIAMESE CONNECTION
- FF= — FLOOR ELEVATION
- GRS= — GARAGE FLOOR SLAB ELEVATION
- P1= — PARKING LEVEL FLOOR ELEVATION
- 3.0% — SLOPE AND DIRECTION OF FLOW
- 54.75 — 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 (SC1.1)
- DC — DEPRESSED BARRIER CURB LOCATION
- SWALE AND DIRECTION OF FLOW
- RETAINING WALL
- BUILDING ENTRY LOCATION
- ADJ — STRUCTURE TO BE ADJUSTED
- REL — STRUCTURE TO BE RELOCATED
- SP36 — MAXIMUM SPILL PONDING LIMIT SHOWN (REFER TO TABLE ON DRAWING)

Ponding Number	MINIMUM PONDING ELEV (m)	MAXIMUM SPILL				5-YEAR			100-YEAR		
		AREA (m²)	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)
SP01	54.60	430	54.67	0.07	10.0	54.60	0.00	0.0	54.64	0.04	5.7
SP02	54.46	651	54.67	0.21	45.6	54.50	0.04	8.7	54.55	0.09	19.5
SP03	52.53	42	52.55	0.02	0.3	52.53	0.00	0.0	52.53	0.00	0.0
SP04	54.50	128	54.65	0.15	6.4	54.50	0.00	0.0	54.60	0.10	4.3
SP05	54.55	166	54.60	0.05	2.8	54.55	0.00	0.0	54.56	0.01	0.6
SP06	54.55	138	54.69	0.14	6.4	54.56	0.01	0.5	54.64	0.09	4.1
SP07	54.60	65	54.69	0.09	2.0	54.60	0.00	0.0	54.64	0.04	0.9
SP08	53.90	94	54.08	0.18	5.6	53.90	0.00	0.0	53.90	0.00	0.0
SP09	54.55	88	54.70	0.15	4.4	54.55	0.00	0.0	54.59	0.04	1.2
SP10	54.62	53	54.70	0.08	1.4	54.62	0.00	0.0	54.63	0.01	0.2
SP11	54.55	249	54.70	0.15	12.5	54.55	0.00	0.0	54.60	0.05	4.2
SP12	54.55	193	54.70	0.15	9.6	54.55	0.00	0.0	54.61	0.06	3.9
SP13	54.68	95	54.80	0.12	3.8	54.68	0.00	0.0	54.68	0.00	0.0
SP14	54.66	54	54.79	0.13	2.3	54.66	0.00	0.0	54.73	0.07	1.3
SP15	54.66	60	54.78	0.12	2.4	54.66	0.00	0.0	54.73	0.07	1.4
SP16	54.66	90	54.75	0.09	2.7	54.66	0.00	0.0	54.70	0.04	1.2
SP17	54.66	128	54.75	0.09	3.8	54.66	0.00	0.0	54.68	0.02	0.9
SP18	54.75	26	54.80	0.05	0.4	54.79	0.04	0.3	54.77	0.02	0.2
SP19	54.60	241	54.68	0.08	6.4	54.61	0.01	0.8	54.67	0.07	5.6
SP20	54.65	139	54.80	0.15	7.0	54.68	0.03	1.4	54.77	0.12	5.6
SP21	54.64	101	54.76	0.12	4.0	54.64	0.00	0.0	54.64	0.00	0.0
SP22	54.56	180	54.78	0.22	13.2	54.56	0.00	0.0	54.56	0.00	0.0
SP23	54.75	228	54.84	0.09	6.8	54.75	0.00	0.0	54.79	0.04	3.0
SP23A	54.75	87	54.88	0.13	3.8	54.75	0.00	0.0	54.79	0.04	0.4
SP24	54.80	82	54.87	0.07	1.9	54.80	0.00	0.0	54.80	0.00	0.0
SP25	54.90	156	54.95	0.05	2.6	54.90	0.00	0.0	54.91	0.01	0.5
SP26	54.75	67	54.88	0.13	2.9	54.75	0.00	0.0	54.82	0.07	1.6
SP27	54.90	74	54.94	0.04	1.0	54.90	0.00	0.0	54.93	0.03	0.7
SP27A	54.90	44	54.96	0.06	0.9	54.90	0.00	0.0	54.93	0.03	0.5
SP28	54.90	31	54.98	0.08	0.8	54.90	0.00	0.0	54.91	0.01	0.1
SP29	54.95	71	55.02	0.07	1.7	54.95	0.00	0.0	54.95	0.00	0.0
SP30A	55.00	31	55.04	0.04	8.2	55.00	0.00	0.0	55.00	0.00	0.0
SP30B	55.00	20	55.05	0.05	9.2	55.00	0.00	0.0	55.00	0.00	0.0
SP31	54.91	4	54.99	0.08	0.1	54.91	0.00	0.0	54.91	0.00	0.0
SP32	54.91	5	54.99	0.08	0.1	54.91	0.00	0.0	54.91	0.00	0.0

GRADING NOTE:

ALL GROUND SURFACES SHALL BE EVENLY GRADED WITHOUT PONDING AREAS AND WITHOUT LOW POINTS EXCEPT WHERE APPROVED CATCHBASINS AND AREA DRAINS 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.

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
MTM–NAD83 ZONE 9
NORTHING=5040610.15
EASTING=354736.57
ELEVATION=52.68

0 4m 8m 16m
HORIZONTAL 1:400

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OUVRAGE Project

PETRIE'S LANDING I - PHASES 3-5

EMPLACEMENT Location: OTTAWA, ON.
NO PROJET No.: OTT-00247308-A0

NO	RÉVISION	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/5B	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 SI-009	23.11.17
22	UPDATED CITY NUMBER	25.02.10
23	ISSUED FOR SITE PLAN APPROVAL	25.11.17

DESSINÉ PAR Drawn by: S.BUTLER
VÉRIFIÉ PAR Checked by: B.THOMAS
DATE (aa.mm.jj): 18.07.18
ÉCHELLE Scale: 1:400

TITRE DU DESSIN Drawing Title

STORM PONDING PLAN TOWERS 3 & 4

RÉVISION Revision
NO. DESSIN Dwg Number: C401
D-07-12-24-01115
#14602