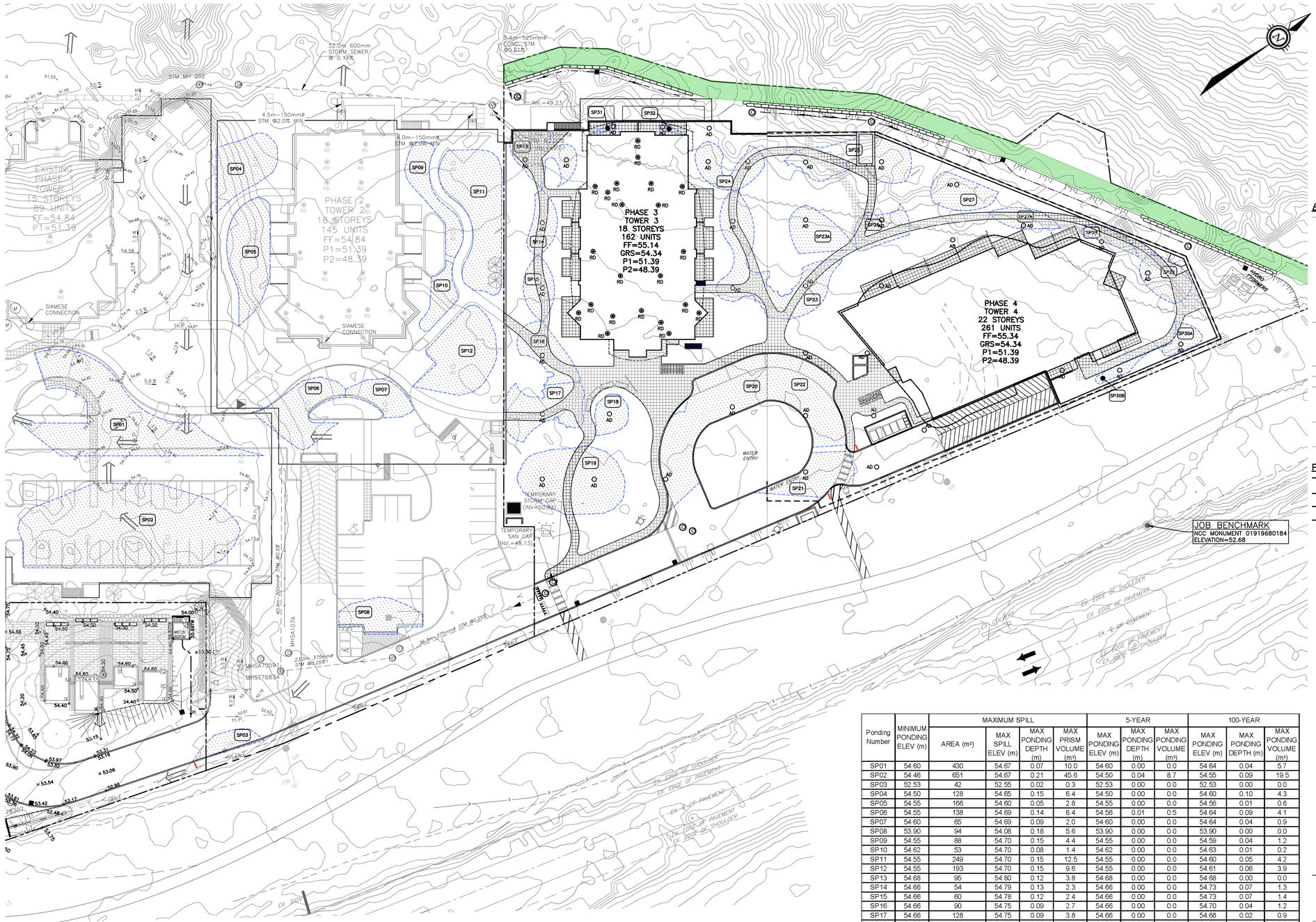
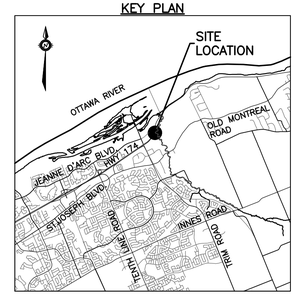


KEY PLAN



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.250mmø SAN	STORM SEWER
EX.300mmø STM	SANITARY SEWER
EX.200mmø WM	WATERMAIN
	TREES
X — X	FENCE
54.75% 54.75	ORIGINAL GROUND ELEVATION
55.00	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
W	WATER METER
RM	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)

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.

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
SP35	53.5	88	53.65	0.15	4.4	53.53	0.03	0.9	53.70	0.20	5.9
SP36	54.3	86	54.4	0.10	2.9	54.30	0.00	0.0	54.32	0.02	0.6
SP99	51.89	45	52.04	0.15	5	51.92	0.03	0.5	52.02	0.12	1.8

TOPOGRAPHIC INFORMATION

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JOB BENCHMARK

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NCC MONUMENT 01919680184
MTM–NAD83 ZONE 9
NORTHING=5040610.15
EASTING=354736.57
ELEVATION=52.68

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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	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

DESSINÉ PAR Drawn by
S.BUTLER

VERIFIÉ 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