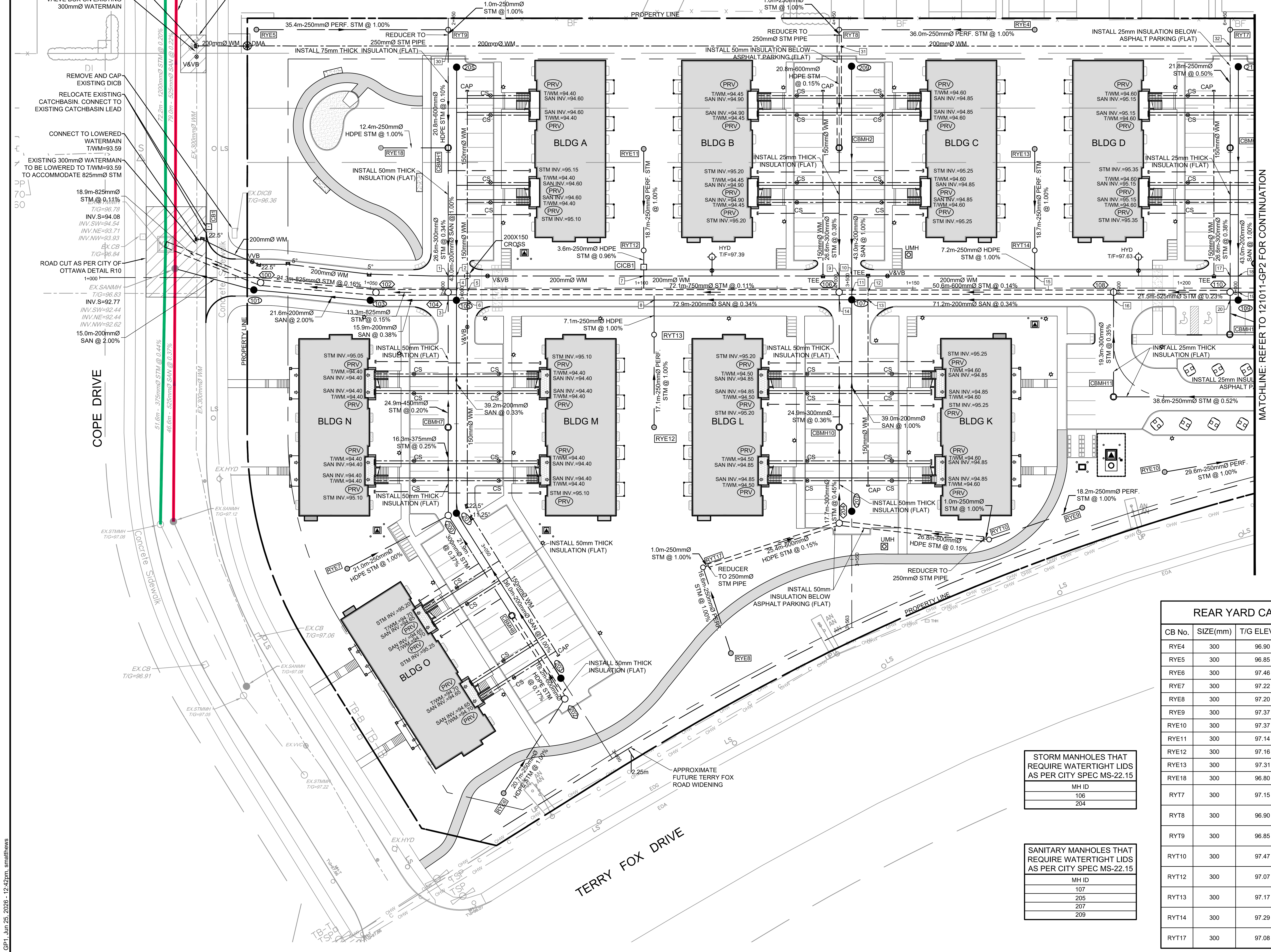
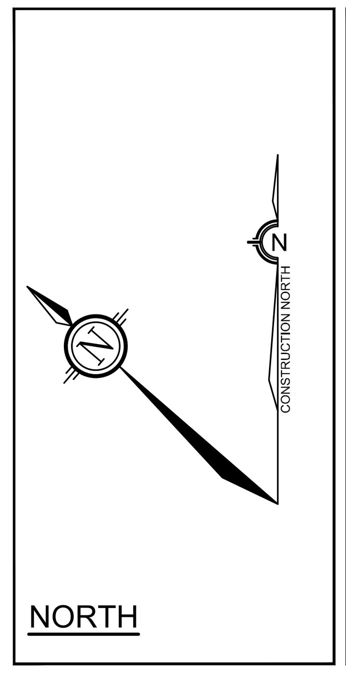
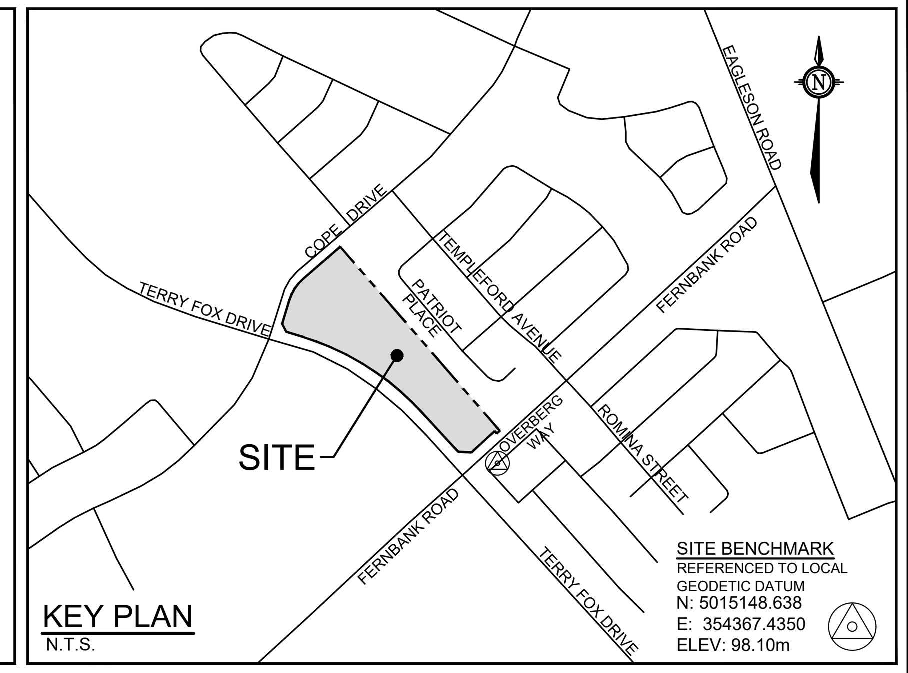
LEGEND

Symbol	Description
(red line)	PRE- AND POST-CONSTRUCTION SANITARY CCTV REQUIRED (123.8m REQUIRED)
(green line)	PRE- AND POST-CONSTRUCTION STORM CCTV REQUIRED (125.6m REQUIRED)
	SITE BOUNDARY
100	PROPOSED STORM MANHOLE & SEWER
101	PROPOSED SANITARY MANHOLE & SEWER
	PROPOSED WATERMAIN
V&VB	PROPOSED VALVE & VALVE BOX
CS	PROPOSED CURB STOP LOCATION
DMA	PROPOSED DISTRICT METERING AREA (DMA) CHAMBER (AS PER CITY OF OTTAWA DETAIL W3.3)
HYD	PROPOSED HYDRANT C/W VALVE & VALVE BOX
	PROPOSED TWSI AS PER CITY OF OTTAWA DETAIL SC7.2
	PROPOSED TREES
CICB 1	PROPOSED CURB INLET CATCHBASIN
CB 1	PROPOSED CATCHBASIN
CBMH 1	PROPOSED CATCHBASIN MANHOLE
RYE 1	PROPOSED REAR YARD ELBOW
RYT 1	PROPOSED REAR YARD TEE
PRV	PROPOSED PRESSURE REDUCING VALVE
STM MH	EXISTING STORM MANHOLE AND SEWER
SAN MH	EXISTING SANITARY MANHOLE AND SEWER
	EXISTING WATERMAIN
	EXISTING UNDERGROUND GAS
VVB	EXISTING VALVE AND VALE BOX
EX. HYD	EXISTING FIRE HYDRANT
EX.CB	EXISTING CATCHBASIN
T/G	EXISTING TOP OF GRATE
HGL	EXISTING HYDRAULIC GRADE LINE
EX UP	EXISTING UTILITY POLE C/W GUY WIRES
	EXISTING STREETLIGHT

NOTE:
BUILDING SERVICES TO BE 135mmØ SANITARY, 150mmØ STORM AND 38mmØ WATERMAIN







PIPE CROSSING TABLE

CROSSING #	WATERMAIN	SANITARY	STORM
1	INV = 92.98 OBV = 93.18		INV = 94.69 OBV = 94.99
2	INV = 92.98 OBV = 93.18	INV = 93.72 OBV = 93.92	
3		INV = 93.62 OBV = 93.82	INV = 94.53 OBV = 94.98
4		INV = 93.69 OBV = 93.89	INV = 94.23 OBV = 94.98
5	INV = 93.00 OBV = 93.10		INV = 94.23 OBV = 94.98
6	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	
7	INV = 94.50 OBV = 94.70		INV = 95.41 OBV = 95.66
8		INV = 93.77 OBV = 93.97	INV = 95.53 OBV = 94.78
9	INV = 93.26 OBV = 93.46		INV = 94.77 OBV = 95.07
10	INV = 93.26 OBV = 93.46	INV = 94.00 OBV = 94.20	
11		INV = 93.97 OBV = 94.17	INV = 94.46 OBV = 95.06
12	INV = 93.30 OBV = 93.40		INV = 94.47 OBV = 95.07
13	INV = 93.30 OBV = 93.40	INV = 93.94 OBV = 94.14	
14		INV = 93.89 OBV = 94.09	INV = 94.76 OBV = 95.06
15	INV = 94.63 OBV = 94.83		INV = 95.68 OBV = 95.93
16		INV = 94.09 OBV = 94.29	INV = 94.83 OBV = 95.13
17	INV = 93.53 OBV = 93.73		INV = 94.89 OBV = 95.19
18	INV = 93.53 OBV = 93.73	INV = 94.27 OBV = 94.47	
19		INV = 94.24 OBV = 94.44	INV = 94.65 OBV = 95.18
20		INV = 94.17 OBV = 94.37	INV = 94.89 OBV = 95.19
30	INV = 94.05 OBV = 94.25		INV = 94.79 OBV = 95.54
31	INV = 94.15 OBV = 94.35		INV = 94.89 OBV = 95.49
32	INV = 94.40 OBV = 94.60		INV = 95.13 OBV = 95.38

* WATERMAIN CROSSING AS PER W25 & W25.2 PROVIDE THERMAL INSULATION AS PER W22 WHERE THERE IS LESS THAN 2.4m COVER.

SAN MANHOLE TABLE

MANHOLE ID	SIZE(mm)	STATION	T/G ELEV(m)	INVERT(m)
101	1200	1+028.42	96.94	SE=93.10 NW=93.07
103	1200	1+050.12	97.04	SE=93.56 NW=93.53
105	1200	1+065.88	97.04	NE=93.68 NW=93.62 SE=93.65 SW=93.68
107	1200	1+138.76	97.10	SE=93.93 NW=93.90 SW=93.96 NE=93.96
109	1200	1+210.01	97.35	SE=94.20 NW=94.17 NE=94.23
201	1200	3+041.42	97.18	S=93.84 NE=93.81
203	1200	3+077.36	97.36	N=94.20
205	1200	2+040.73	97.00	SW=94.11
207	1200	3+080.14	97.11	NE=94.35
209	1200	4+040.90	97.07	SW=94.39
211	1200	6+040.80	97.33	SW=94.66

STM MANHOLE TABLE

MANHOLE ID	SIZE(mm)	STATION	T/G ELEV(m)	INVERT(m)
100	1500	1+029.68	96.96	N=94.10 SE=94.10
102	1500	1+051.06	97.03	NW=94.13 SE=94.13
104	1800	1+064.37	97.03	SE=94.23 SW=94.53 NE=94.68 NW=94.15
106	1500	1+136.45	97.11	SE=94.46 NE=94.76 NW=94.31 SW=94.76
108	1200	1+187.05	97.28	SE=94.60 SW=94.83 NW=94.53
110	1200	1+208.53	97.36	SE=94.65 NE=94.88 NW=94.65 SW=94.88
200	1200	3+041.42	97.18	NE=94.69 S=94.77 W=94.82
202	1500	3+080.96	97.39	N=94.88 W=95.24
204	1200	3+080.77	97.13	NW=94.93 NE=94.93 SE=94.93

REAR YARD CATCHBASIN TABLE

CB No.	SIZE(mm)	T/G ELEV(m)	INVERT(m)	ICD SIZE (mm)
RYE4	300	96.90	NW=95.26	
RYE5	300	96.85	SE=95.15	
RYE6	300	97.46	E=95.45	
RYE7	300	97.22	E=95.03	94mmØ PLUG
RYE8	300	97.20	NE=95.15	
RYE9	300	97.37	NW=95.16	
RYE10	300	97.37	SE=95.47	
RYE11	300	97.14	SW=95.64	
RYE12	300	97.16	NE=95.76	
RYE13	300	97.31	SW=95.91	
RYE18	300	96.80	SE=94.94	
RYT7	300	97.15	SW=95.14 SE=95.14	
RYT8	300	96.90	SW=94.90 SE=94.90	
RYT9	300	96.85	SW=94.80 NW=94.80	
RYT10	300	97.47	NW=94.98 SE=94.98	
RYT12	300	97.07	NE=95.45 SW=95.45	
RYT13	300	97.17	SW=95.59 NE=95.59	83mmØ PLUG
RYT14	300	97.29	NE=95.72 SW=95.72	83mmØ PLUG
RYT17	300	97.08	SW=94.98 SE=94.98	

CATCHBASIN TABLE

CB No.	SIZE(mm)	STATION	T/G ELEV(m)	INVERT(m)	ICD DIA.(mm)
CB1	600 x 600	1+019.58	96.77		
CBMH1	1500	2+025.87	96.74	SW=94.77 NE=94.77 NW=94.82	TEMPEST LMF VORTEX 70
CBMH2	1500	4+025.87	96.84	SW=94.86 NE=94.86	83mmØ PLATE
CBMH3	1200	6+025.86	97.10	SW=94.98 NE=95.03	83mmØ PLATE
CBMH7	1200	3+025.66	96.78	SW=94.65 NE=94.58	
CBMH8	1200	3+062.79	96.92	S=94.85 N=94.85	TEMPEST LMF VORTEX 70
CBMH10	1200	3+065.83	96.86	SW=94.85 NE=94.85	94mmØ PLATE
CBMH11	1800	5+017.92	97.08	NE=94.90 SE=94.95	83mmØ PLATE
CBMH13	1200	1+208.45	97.23	NE=94.91	83mmØ PLATE
CICB1	600 x 600	1+100.41	96.99	NE=95.42 SW=95.42	83mmØ PLATE

STORM MANHOLES THAT REQUIRE WATERTIGHT LIDS AS PER CITY SPEC MS-22.15
MH ID
106
204

SANITARY MANHOLES THAT REQUIRE WATERTIGHT LIDS AS PER CITY SPEC MS-22.15
MH ID
107
205
207
209

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

No.	REVISION	DATE	BY
12.	ISSUED FOR SITE PLAN APPROVAL	JUNE 25/26	DDB
11.	RE-ISSUED FOR TENDER	JUN 18/26	DDB
10.	REVISED SITE PLAN	JUNE 5/26	DDB
9.	ISSUED WITH TENDER ADDENDUM CHANGES	MAY 6/26	DDB
8.	RE-ISSUED FOR TENDER	APR 15/26	DDB
7.	REVISED PER CITY COMMENTS	MAR 18/26	DDB
6.	REVISED SITE PLAN SUBMISSION	NOV 14/25	DDB
5.	RE-ISSUED FOR TENDER	JAN 18/24	DDB
4.	ISSUED FOR TENDER	MAY 20/22	DDB
3.	REVISED PER CITY COMMENTS	FEB 17/22	DDB
2.	REVISED PER CITY COMMENTS	NOV 5/21	DDB
1.	ISSUED FOR CITY OF OTTAWA REVIEW	JUN 2/21	DDB

SCALE 1:400

1:400 — 0 4 8 12 16

DESIGN BM | CHECKED DDB | DRAWN ATE | CHECKED BM | APPROVED DDB

FOR REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER
D.D. BLAIR
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June 25 2026
PROVINCE OF ONTARIO

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CITY OF OTTAWA
5331 FERNBANK ROAD
IRON VALLEY 2

DRAWING NAME
GENERAL PLAN OF SERVICES

PROJECT No. 121011-00
REV REV # 12
DRAWING No. 121011-GP1

PLANA1.DWG - 841mmx594mm

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