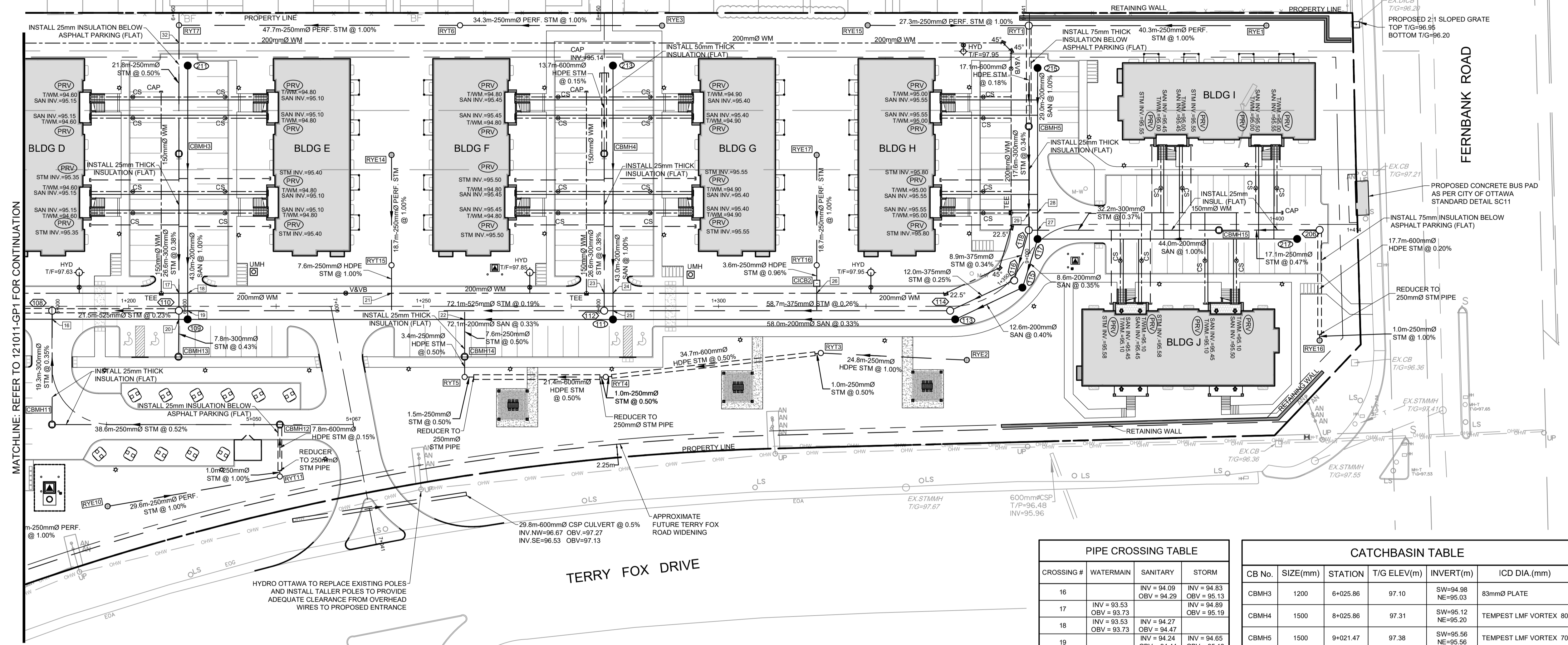
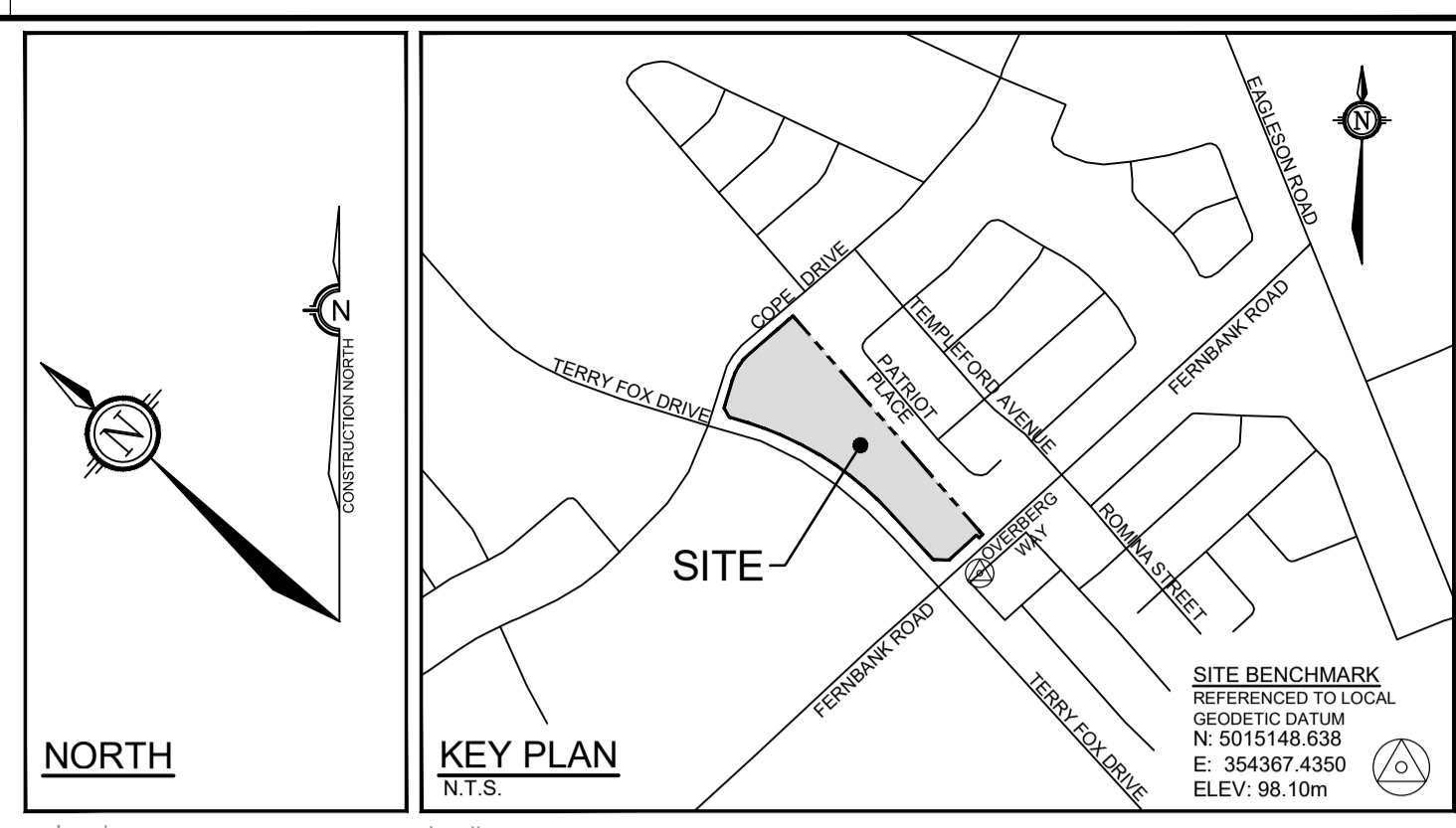


LEGEND

- SITE BOUNDARY
- PROPOSED STORM MANHOLE & SEWER
- PROPOSED SANITARY MANHOLE & SEWER
- PROPOSED WATERMAIN
- PROPOSED VALVE & VALVE BOX
- PROPOSED CURB STOP LOCATION
- PROPOSED DISTRICT METERING AREA (DMA) CHAMBER (AS PER CITY OF OTTAWA DETAIL W3.3)
- PROPOSED HYDRANT C/W VALVE & VALVE BOX
- PROPOSED TREES
- PROPOSED CURB INLET CATCHBASIN
- PROPOSED CATCHBASIN
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED REAR YARD ELBOW
- PROPOSED REAR YARD TEE
- PROPOSED PRESSURE REDUCING VALVE
- PROPOSED RETAINING WALL
- EXISTING STORM MANHOLE AND SEWER
- EXISTING SANITARY MANHOLE AND SEWER
- EXISTING WATERMAIN
- EXISTING UNDERGROUND GAS
- EXISTING VALVE AND VALVE BOX
- EXISTING FIRE HYDRANT
- EXISTING CATCHBASIN
- EXISTING TOP OF GRATE
- EXISTING HYDRAULIC GRADE LINE
- EXISTING UTILITY POLE C/W GUY WIRES
- EXISTING STREETLIGHT

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



SAN MANHOLE TABLE				
MANHOLE ID	SIZE(mm)	STATION	T/G ELEV(m)	INVERT(m)
109	1200	1+210.01	97.35	SE=94.20 NW=94.17 NE=94.23
111	1200	1+282.11	97.52	SE=94.47 NW=94.44 NE=94.50
113	1200	1+340.05	97.54	NW=94.66 SE=94.69
115	1200	1+351.12	97.60	NE=94.77 NW=94.74
117	1200	1+359.04	97.67	SW=94.80 SE=94.86 NE=94.83
211	1200	6+040.80	97.33	SW=94.66
213	1200	8+040.80	97.50	SW=94.93
215	1200	9+031.37	97.51	SW=95.12
217	1200	1+403.45	97.70	NW=95.30

STM MANHOLE TABLE				
MANHOLE ID	SIZE(mm)	STATION	T/G ELEV(m)	INVERT(m)
108	1200	1+187.05	97.28	SE=94.60 NW=94.83 NE=94.53
110	1200	1+208.53	97.36	SE=94.65 NE=94.88 NW=94.65 SW=94.68
112	1200	1+280.61	97.50	SE=94.94 NE=95.02 NW=94.79
114	1200	1+339.26	97.55	NW=95.09 SE=95.09
116	1200	1+351.13	97.61	NE=95.12 NW=95.12
118	1200	1+358.97	97.67	SE=95.23 NE=95.50 SW=95.15
206	1200	1+407.25	97.76	NW=95.48 SW=95.75

PIPE CROSSING TABLE			
CROSSING #	WATERMAIN	SANITARY	STORM
16		INV = 94.09 OBV = 94.29	INV = 94.83 OBV = 95.13
17	INV = 93.53 OBV = 93.73	INV = 94.27 OBV = 94.47	INV = 94.65 OBV = 95.15
18	INV = 93.53 OBV = 93.73	INV = 94.17 OBV = 94.37	INV = 94.89 OBV = 95.19
19		INV = 94.36 OBV = 94.56	INV = 95.06 OBV = 95.31
20	INV = 94.78 OBV = 94.98	INV = 94.36 OBV = 94.56	INV = 95.06 OBV = 95.31
21	INV = 93.80 OBV = 94.00	INV = 94.54 OBV = 94.74	INV = 95.03 OBV = 95.33
22	INV = 93.80 OBV = 94.00	INV = 94.54 OBV = 94.74	INV = 95.03 OBV = 95.33
23	INV = 94.87 OBV = 95.07	INV = 94.51 OBV = 94.71	INV = 94.94 OBV = 95.32
24	INV = 94.87 OBV = 95.07	INV = 94.51 OBV = 94.71	INV = 94.94 OBV = 95.32
25	INV = 94.87 OBV = 95.07	INV = 94.51 OBV = 94.71	INV = 94.94 OBV = 95.32
26	INV = 94.87 OBV = 95.07	INV = 94.51 OBV = 94.71	INV = 94.94 OBV = 95.32
27	INV = 94.87 OBV = 95.07	INV = 94.51 OBV = 94.71	INV = 94.94 OBV = 95.32
28	INV = 94.25 OBV = 94.35	INV = 94.87 OBV = 95.07	INV = 95.16 OBV = 95.38
29	INV = 94.25 OBV = 94.35	INV = 94.87 OBV = 95.07	INV = 95.16 OBV = 95.38
32	INV = 94.40 OBV = 94.60	INV = 94.87 OBV = 95.07	INV = 95.16 OBV = 95.38

CATCHBASIN TABLE					
CB No.	SIZE(mm)	STATION	T/G ELEV(m)	INVERT(m)	ICD DIA.(mm)
CBM3	1200	6+025.86	97.10	SW=94.98 NE=95.03	83mmØ PLATE
CBM4	1500	8+025.86	97.31	SW=95.12 NE=95.20	TEMPEST LMF VORTEX 80
CBM5	1500	9+021.47	97.38	SW=95.56 NE=95.56	TEMPEST LMF VORTEX 70
CBMH11	1800	5+017.92	97.08	NE=94.90 SE=94.95	83mmØ PLATE
CBMH12	1200	5+054.40	97.55	NW=95.15 SW=95.15	
CBMH13	1200	1+208.45	97.23	NE=94.91	83mmØ PLATE
CBMH14	1200	1+256.96	97.24	NE=95.09 SW=95.09	TEMPEST LMF VORTEX 70
CBMH15	1200	1+390.18	97.50	SE=95.40 NW=95.35	TEMPEST LMF VORTEX 70
CICB2	600Ø600	1+316.65	97.44	NE=96.04 SW=96.04	83mmØ PLATE

REAR YARD CATCHBASIN TABLE				
CB No.	SIZE(mm)	T/G ELEV(m)	INVERT(m)	ICD SIZE (mm)
RYE1	300	97.47	NW=95.99	
RYE2	300	97.50	NW=95.64	
RYE3	300	97.40	NW=95.96	
RYE10	300	97.37	SE=95.47	
RYE14	300	97.50	SW=96.10	
RYE15	300	97.38	SE=95.86	
RYE16	300	97.58	NE=95.79	
RYE17	300	97.66	SW=96.26	
RYT1	1200	97.35	SW=95.59 SE=95.59 NW=95.59	
RYT3	300	97.44	SE=96.39 NW=95.41	
RYT4	300	97.26	SE=95.23 NW=95.23	
RYT5	300	97.23	NE=95.11 SE=95.11	
RYT6	300	97.18	NW=95.62 SE=95.62	
RYT7	300	97.15	SW=95.14 SE=95.14	
RYT11	300	97.58	NW=95.17 SE=95.17	
RYT15	300	97.48	NE=95.91 SW=95.91	83mmØ PLUG
RYT16	300	97.64	SW=96.07 NE=96.07	

SANITARY MANHOLES THAT REQUIRE WATERTIGHT LIDS AS PER CITY SPEC MS-22.15	
MH ID	
109	
113	
115	
215	

STORM MANHOLES THAT REQUIRE WATERTIGHT LIDS AS PER CITY SPEC MS-22.15	
MH ID	
110	
114	
116	

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

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

No.	REVISION	DATE	BY
12.	ISSUED FOR SITE PLAN APPROVAL	JUNE 25/26	DOB
11.	RE-ISSUED FOR TENDER	JUN 18/26	DOB
10.	REVISED SITE PLAN	JUNE 9/26	DOB
9.	ISSUED WITH TENDER ADDENDUM CHANGES	MAY 6/26	DOB

FOR REVIEW ONLY

SCALE: 1:400

DESIGN: BM

CHECKED: DDB

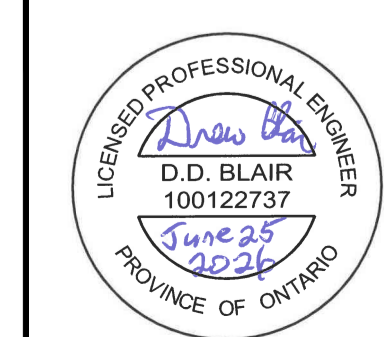
DRAWN: ATE

CHECKED: BM

APPROVED: DDB

1:400

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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-GP2

#18539

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