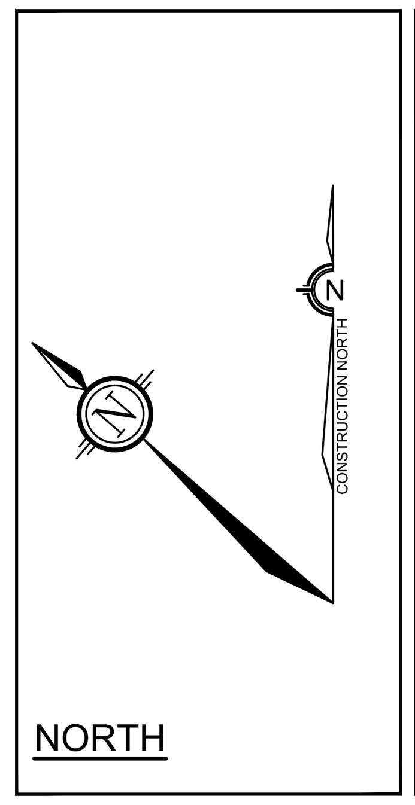
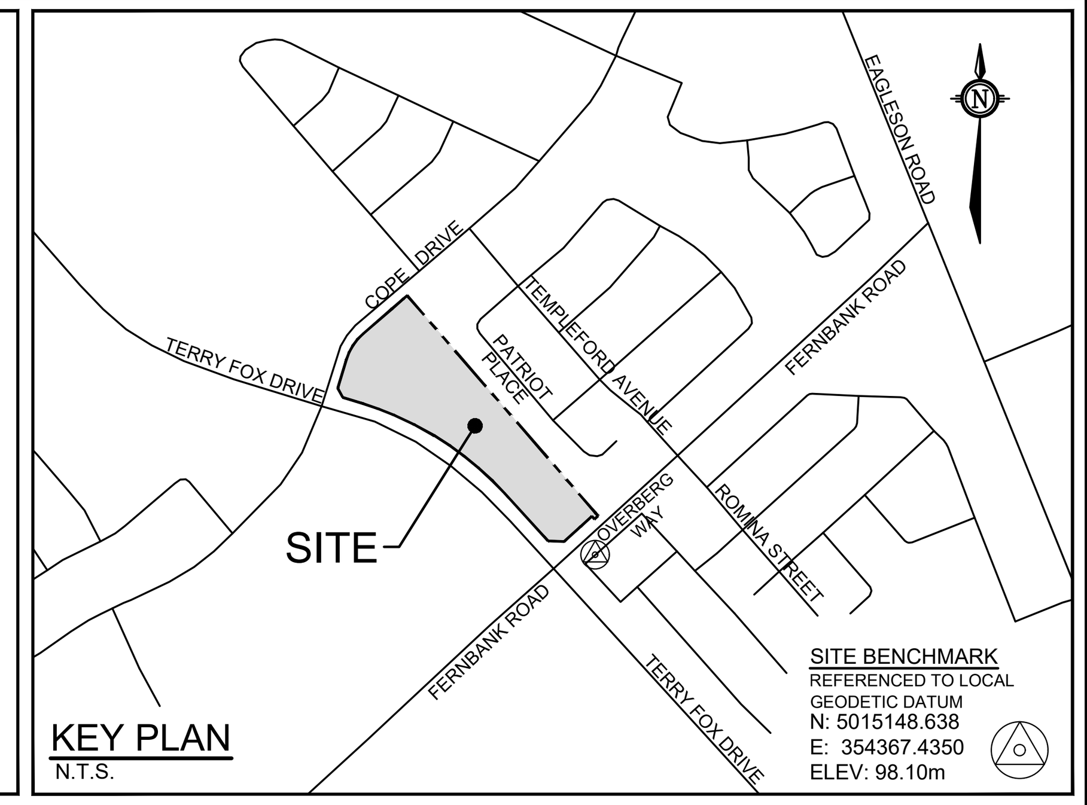
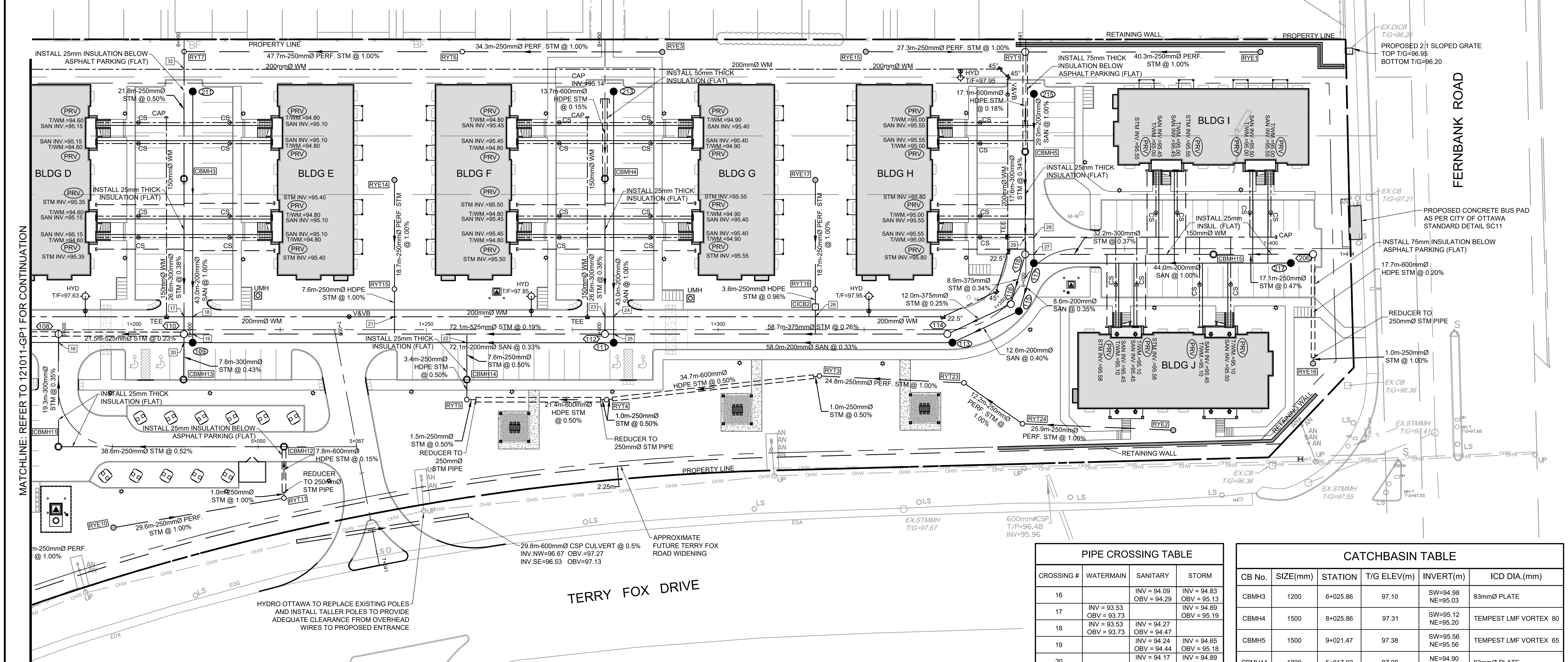
LEGEND

SITE BOUNDARY	
PROPOSED STORM MANHOLE & SEWER	
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	PROPOSED CURB INLET CATCHBASIN
CB	PROPOSED CATCHBASIN
CBMH	PROPOSED CATCHBASIN MANHOLE
RYE	PROPOSED REAR YARD ELBOW
RYT	PROPOSED REAR YARD TEE
PRV	PROPOSED PRESSURE REDUCING VALVE
	PROPOSED RETAINING WALL
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







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 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
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 = 94.89 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
21	INV = 94.78 OBV = 94.98		INV = 95.87 OBV = 96.12
22		INV = 94.36 OBV = 94.56	INV = 95.06 OBV = 95.31
23	INV = 93.80 OBV = 94.00		INV = 95.03 OBV = 95.33
24	INV = 93.80 OBV = 94.00	INV = 94.54 OBV = 94.74	
25		INV = 94.51 OBV = 94.71	INV = 94.94 OBV = 95.32
26	INV = 94.87 OBV = 95.07		INV = 96.03 OBV = 96.28
27		INV = 94.84 OBV = 95.04	INV = 95.16 OBV = 95.46
*28	INV = 94.25 OBV = 94.35	INV = 94.87 OBV = 95.07	
*29	INV = 94.25 OBV = 94.35		INV = 95.51 OBV = 95.81
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.

CATCHBASIN TABLE

CB No.	SIZE(mm)	STATION	T/G ELEV(m)	INVERT(m)	ICD DIA.(mm)
CBMH3	1200	6+025.86	97.10	SW=94.98 NE=95.03	83mmØ PLATE
CBMH4	1500	8+025.86	97.31	SW=95.12 NE=95.20	TEMPEST LMF VORTEX 80
CBMH5	1500	9+021.47	97.38	SW=95.56 NE=95.56	TEMPEST LMF VORTEX 65
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 75
CICB2	600x600	1+316.65	97.44	NE=96.04 SW=96.04	83mmØ PLATE

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

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	97.75	NW=96.02	
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=95.39 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 NE=95.17	
RYT15	300	97.48	NE=95.91 SW=95.91	83mmØ PLUG
RYT16	300	97.64	SW=96.07 NE=96.07	
RYT23	300	97.50	NW=95.64 S=95.64	
RYT24	300	97.60	SE=95.76 N=95.76	

SEAN MOORE MCIP, RPP
MANAGER, DEVELOPMENT REVIEW - WEST
PLANNING, INFRASTRUCTURE & ECONOMIC DEVEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
By Sean Moore at 10:29 am, Aug 06, 2026

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
14.	RE-ISSUED FOR SITE PLAN APPROVAL	JULY 20/26	DDB
13.	REVISED PER TENDER ADDENDUM #1	JUNE 29/26	DDB
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

DESIGN BM
CHECKED DDB
DRAWN ATE
CHECKED BM
APPROVED DDB

FOR REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER
D.D. BLAIR
100122737
July 20 2026
PROVINCE OF ONTARIO

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Facsimile (613) 254-5867
Website www.novatech-eng.com

CITY OF OTTAWA
5331 FERNBANK ROAD
IRON VALLEY 2

DRAWING NAME
GENERAL PLAN OF SERVICES

PROJECT No. 121011-00
REV: REV # 14
DRAWING No. 121011-GP2

D07-12-25-0151
#18539