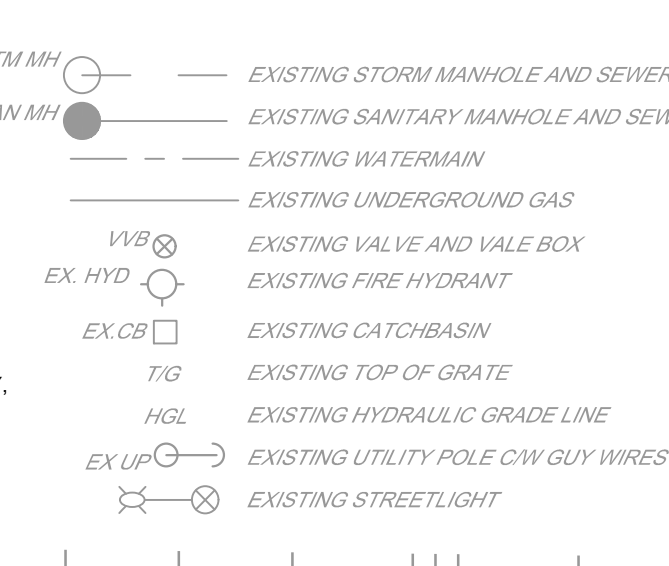
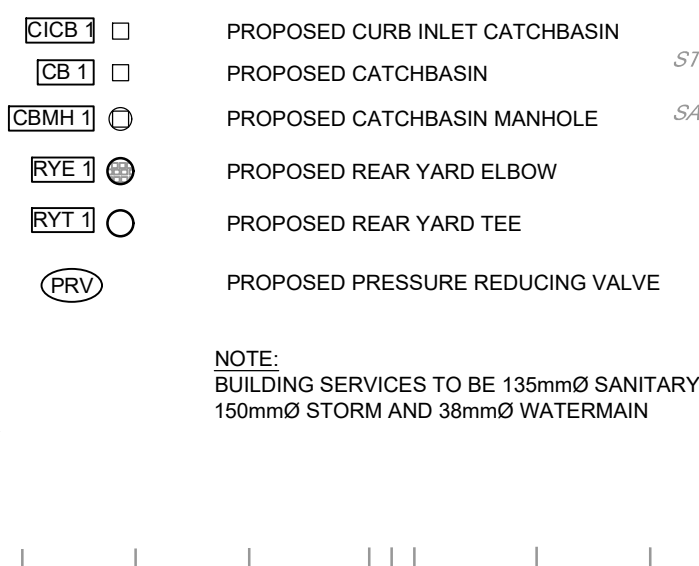
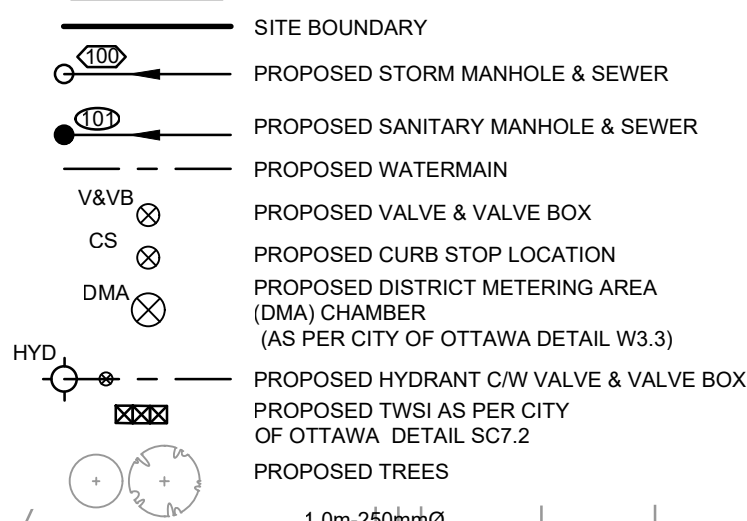
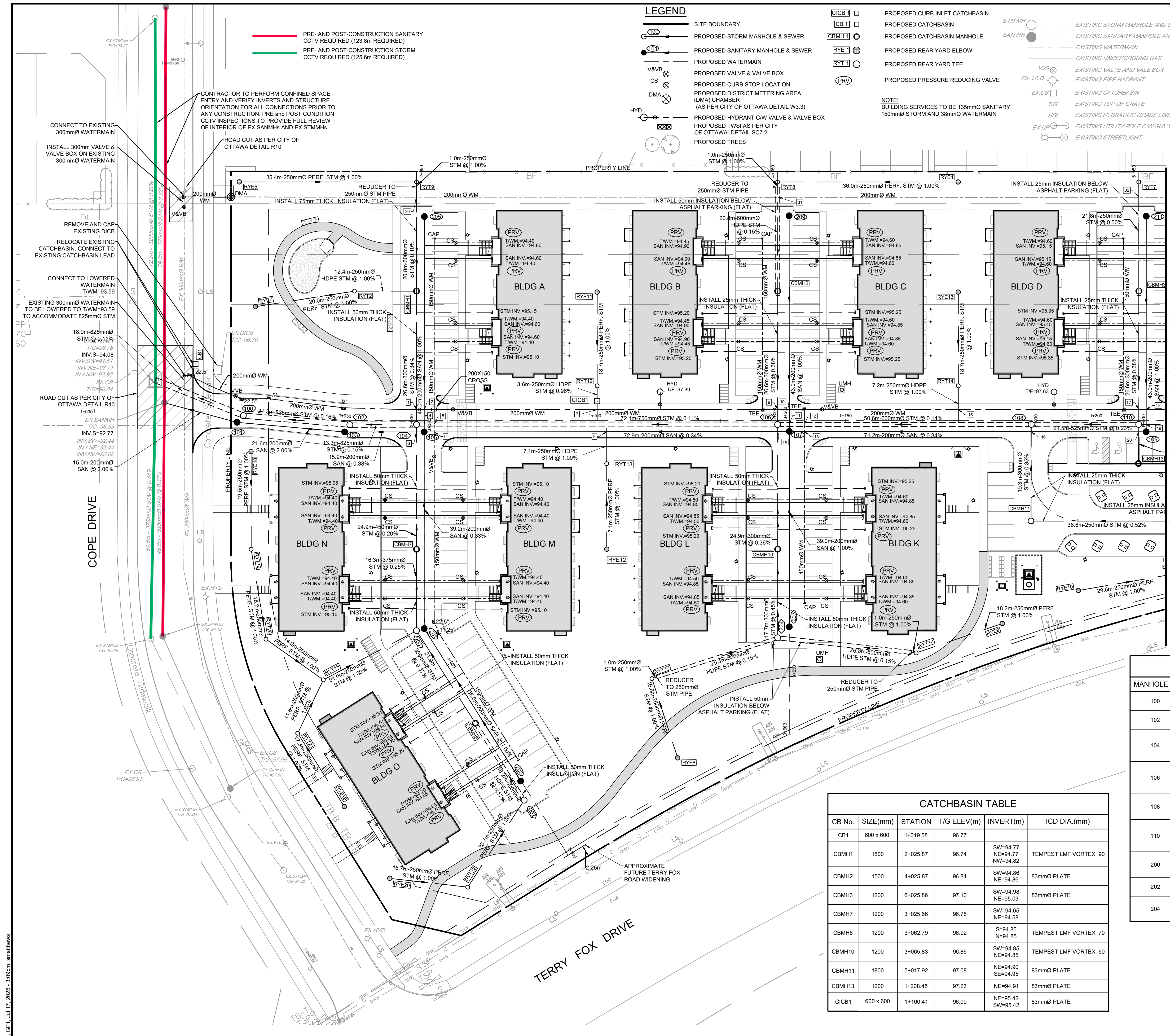
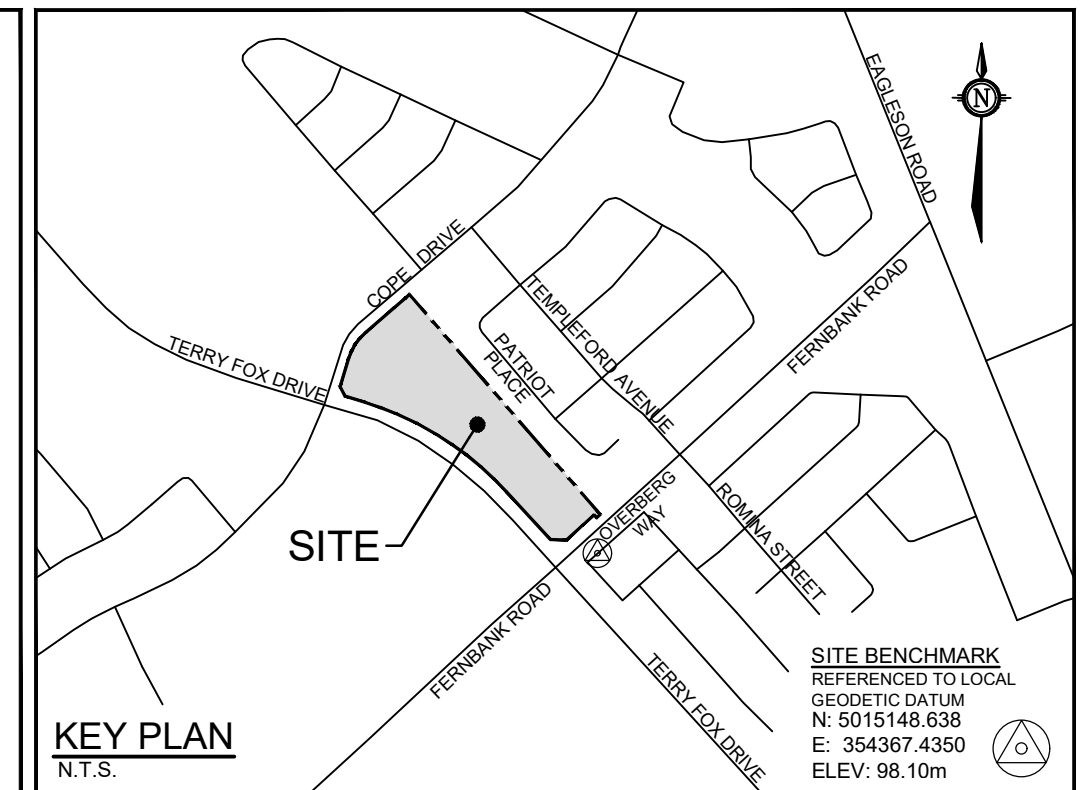
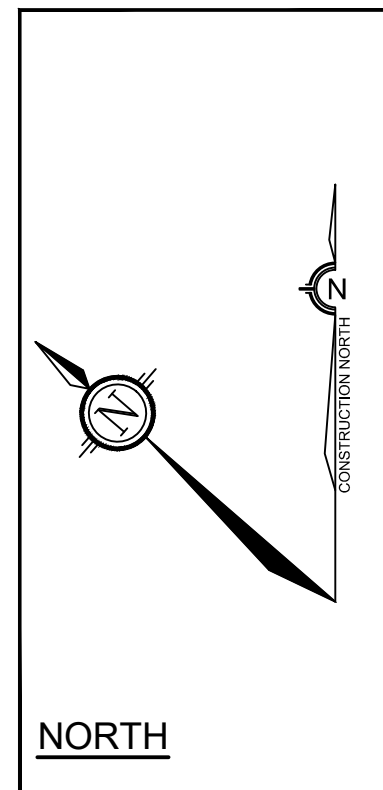


LEGEND



NOTE:
BUILDING SERVICES TO BE 150mmØ SANITARY,
150mmØ STORM AND 38mmØ WATERMAIN
PROPOSED TWSI AS PER CITY
OF OTTAWA DETAIL SGT.2
PROPOSED TREES



CROSSING #	WATERMAIN	SANITARY	STORM
1	INV = 92.98 OBV = 93.18	INV = 93.72 OBV = 93.92	INV = 94.69 OBV = 94.99
2	INV = 92.98 OBV = 93.18	INV = 93.72 OBV = 93.92	INV = 94.69 OBV = 94.99
3	INV = 93.00 OBV = 93.10	INV = 93.62 OBV = 93.82	INV = 94.53 OBV = 94.83
4	INV = 93.00 OBV = 93.10	INV = 93.69 OBV = 93.89	INV = 94.23 OBV = 94.53
5	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
6	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
7	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
8	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
9	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
10	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
11	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
12	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
13	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
14	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
15	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
16	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
17	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
18	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
19	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
20	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
21	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
22	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
23	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
24	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
25	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
26	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
27	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
28	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
29	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
30	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
31	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53
32	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	INV = 94.23 OBV = 94.53

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

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	
RYE7	300	95.72	SE=95.15	
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	97.00	SW=95.54	
RYE19	300	97.48	N=95.32	
RYE20	300	97.58	SE=95.61	
RYT2	300	96.80	SE=94.94 NW=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	SE=94.98 NE=94.98 SW=94.98	
RYT18	750	97.22	E=95.03 N=95.03 W=95.03	83mmØ PLUG
RYT19	300	97.25	SW=95.35 NE=95.35	
RYT20	300	97.23	NE=95.17 S=95.17	
RYT21	300	97.38	S=95.15 E=95.15	

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 90
CBMH2	1500	4+025.87	96.84	SW=94.86 NE=95.03	83mmØ PLATE
CBMH3	1200	6+025.86	97.10	SW=94.98 NE=94.58	83mmØ PLATE
CBMH7	1200	3+025.66	96.78	S=94.85 N=94.85	TEMPEST LMF VORTEX 70
CBMH8	1200	3+062.79	96.92	SW=94.85 NE=94.85	TEMPEST LMF VORTEX 60
CBMH10	1200	3+065.83	96.86	SW=94.85 NE=94.85	83mmØ 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

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 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	NE=94.93 NW=94.93 SE=94.93
204	1200	3+080.77	97.13	

MH ID
106
110
204

MH ID
106
109
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
14.	RE-ISSUED FOR TENDER	JULY 20/26	DDB
13.	RE-ISSUED FOR SITE PLAN APPROVAL	JUNE 29/26	DDB
12.	RE-ISSUED PER TENDER ADDENDUM #1	JUNE 29/26	DDB
11.	ISSUED FOR SITE PLAN APPROVAL	JUNE 29/26	DDB
10.	RE-ISSUED FOR TENDER	JUN 18/26	DDB
9.	RE-ISSUED SITE PLAN	JUN 5/26	DDB
8.	ISSUED WITH TENDER ADDENDUM CHANGES	MAY 6/26	DDB

No.	REVISION	DATE	BY
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

FOR REVIEW ONLY

DESIGN
BM
CHECKED
DDB
DRAWN
ATE
CHECKED
BM
APPROVED
DDB

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-GP1

#18539