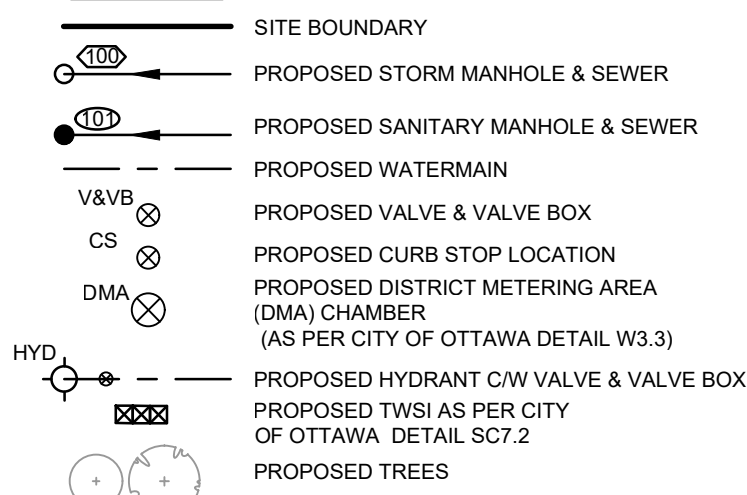
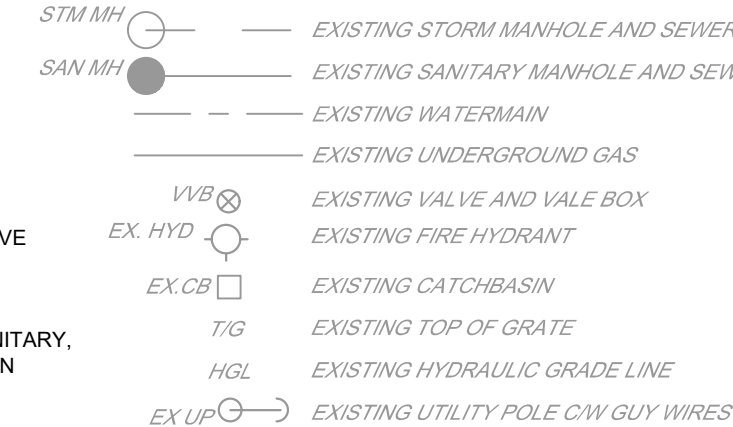


LEGEND



PROPOSED CURB INLET CATCHBASIN
PROPOSED CATCHBASIN
PROPOSED CATCHBASIN MANHOLE
PROPOSED REAR YARD ELBOW
PROPOSED REAR YARD TEE
PROPOSED PRESSURE REDUCING VALVE

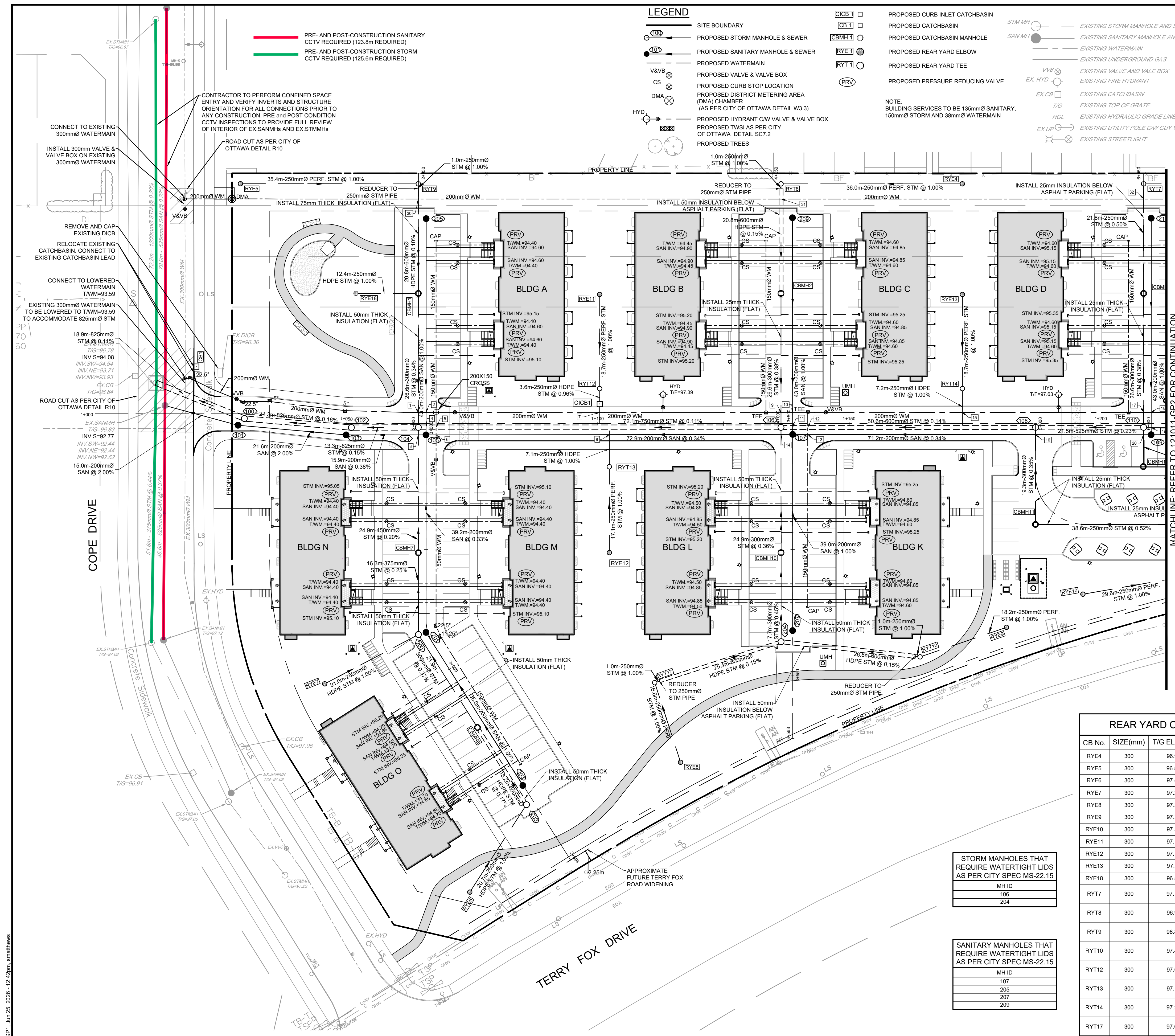
NOTE:
BUILDING SERVICES TO BE 150mmØ SANITARY,
150mmØ STORM AND 38mmØ WATERMAIN



NORTH

KEY PLAN
N.T.S.

SITE BENCHMARK
REFERENCED TO LOCAL
GEODETIC DATUM
N 5015148.638
E 354367.4250
ELEV: 98.10m



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 = 93.00 OBV = 93.10	INV = 93.62 OBV = 93.82	INV = 94.53 OBV = 94.98
4	INV = 93.00 OBV = 93.10	INV = 93.69 OBV = 93.89	INV = 94.23 OBV = 94.98
5	INV = 93.00 OBV = 93.10	INV = 93.66 OBV = 93.86	
6	INV = 94.50 OBV = 94.70	INV = 95.41 OBV = 95.66	INV = 95.07 OBV = 95.07
7	INV = 93.26 OBV = 93.46	INV = 93.77 OBV = 93.97	INV = 94.46 OBV = 95.06
8	INV = 93.26 OBV = 93.46	INV = 94.00 OBV = 94.20	INV = 94.77 OBV = 95.07
9	INV = 93.30 OBV = 93.40	INV = 93.97 OBV = 94.17	INV = 94.46 OBV = 95.06
10	INV = 93.30 OBV = 93.40	INV = 93.94 OBV = 94.14	INV = 94.79 OBV = 95.54
11	INV = 93.30 OBV = 93.40	INV = 93.89 OBV = 94.09	INV = 94.89 OBV = 95.19
12	INV = 94.63 OBV = 94.83	INV = 94.27 OBV = 94.47	INV = 94.65 OBV = 95.18
13	INV = 94.63 OBV = 94.83	INV = 94.17 OBV = 94.37	INV = 94.89 OBV = 95.19
14	INV = 94.05 OBV = 94.25	INV = 94.15 OBV = 94.35	INV = 94.79 OBV = 95.54
15	INV = 94.40 OBV = 94.60	INV = 94.80 OBV = 95.00	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	SE=93.84 NW=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=94.88
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=95.84	
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 NE=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

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	No.	REVISION	DATE	BY
8.	RE-ISSUED FOR TENDER	APR 15/26	DOB	12.	ISSUED FOR SITE PLAN APPROVAL	JUNE 25/26	DOB
7.	REVISED PER CITY COMMENTS	MAR 18/26	DOB	11.	RE-ISSUED FOR TENDER	JUN 18/26	DOB
6.	REVISED SITE PLAN SUBMISSION	NOV 14/25	DOB	10.	REVISED SITE PLAN	JUNE 5/26	DOB
5.	RE-ISSUED FOR TENDER	JAN 18/24	DOB	9.	ISSUED WITH TENDER ADDENDUM CHANGES	MAY 6/26	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				

SCALE	DESIGN
1:400	BM
	CHECKED
	DDB
	DRAWN
	ATE
	CHECKED
	BM
	APPROVED
	DDB

FOR REVIEW ONLY



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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

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