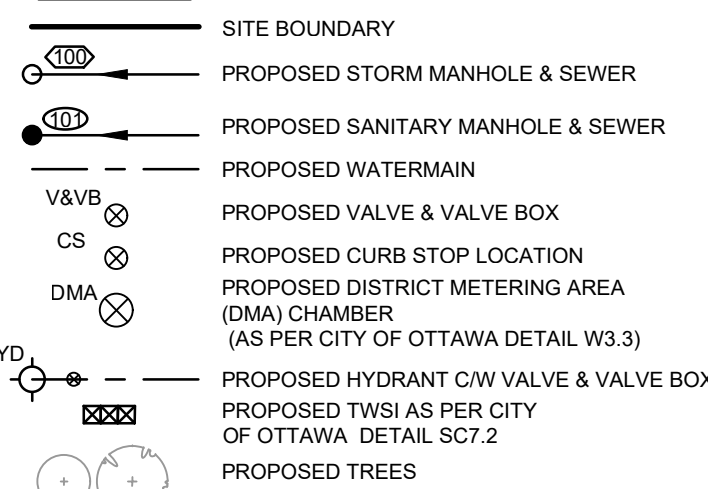
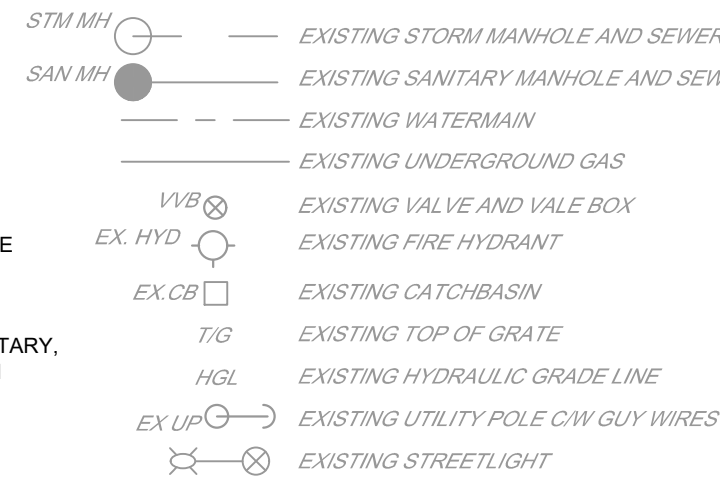


LEGEND



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 135mmØ SANITARY,
 150mmØ STORM AND 38mmØ WATERMAIN
 OF OTTAWA DETAIL SC7.2
 PROPOSED TREES
 PROPOSED RETAINING WALL



NORTH

KEY PLAN
N.T.S.

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=94.53 NW=94.53
110	1200	1+208.53	97.36	SE=94.65 NE=94.88 NW=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=95.08
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

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 SE=95.64	
RYT24	300	97.60	SE=95.76 NE=95.76	

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 = 94.89 OBV = 95.19
18		INV = 94.24 OBV = 94.44	INV = 94.65 OBV = 95.18
19		INV = 94.17 OBV = 94.37	INV = 94.89 OBV = 95.19
20		INV = 94.17 OBV = 94.37	INV = 94.89 OBV = 95.19
21	INV = 94.78 OBV = 94.98	INV = 94.36 OBV = 94.56	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 = 94.54 OBV = 94.74	INV = 95.03 OBV = 95.33
24	INV = 93.80 OBV = 94.00	INV = 94.51 OBV = 94.71	INV = 94.94 OBV = 95.32
25		INV = 94.51 OBV = 94.71	INV = 96.03 OBV = 96.28
26	INV = 94.87 OBV = 95.07	INV = 94.84 OBV = 95.04	INV = 95.16 OBV = 95.46
27		INV = 94.87 OBV = 95.07	INV = 95.51 OBV = 95.81
28	INV = 94.25 OBV = 94.35	INV = 94.25 OBV = 94.35	INV = 95.13 OBV = 95.38
29	INV = 94.25 OBV = 94.35	INV = 94.25 OBV = 94.35	INV = 95.13 OBV = 95.38
32	INV = 94.40 OBV = 94.60		

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

CATCHBASIN TABLE

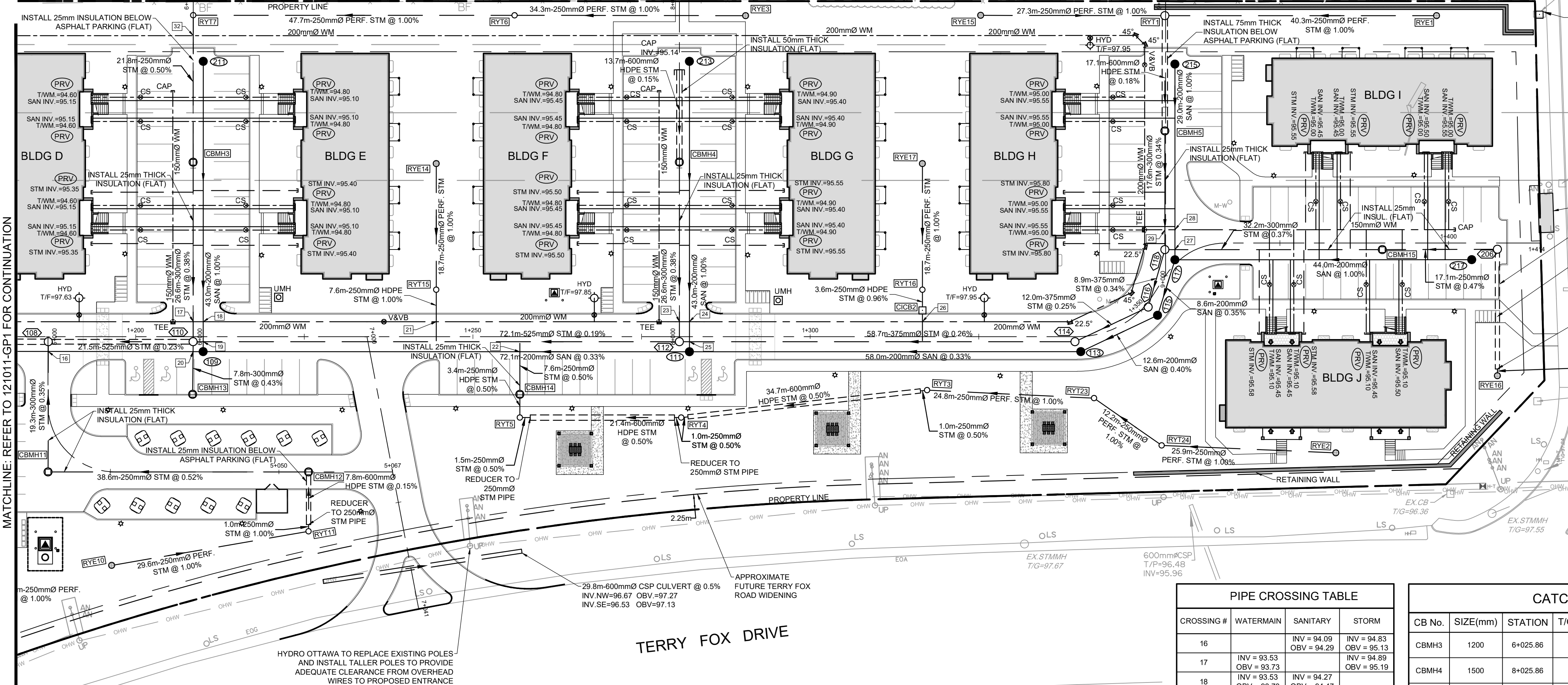
CB No.	SIZE(mm)	STATION	T/G ELEV(m)	INVERT(m)	ICD DIA.(mm)
CBMH3	1200	6+025.86	97.10	SW=94.98 NE=95.03	83mmØ PLATE
CBMH4	1500	8+025.86	97.31	SW=95.12 NE=95.20	TEMPEST LMF VORTEX 80
CBMH5	1500	9+021.47	97.38	SW=95.56 NE=95.56	TEMPEST LMF VORTEX 65
CBMH11	1800	5+017.92	97.08	NE=94.90 SE=94.95	83mmØ PLATE
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

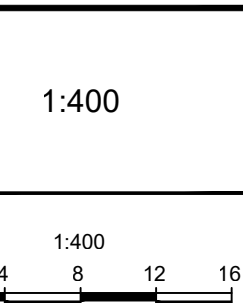
MH ID
110
114
116



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.

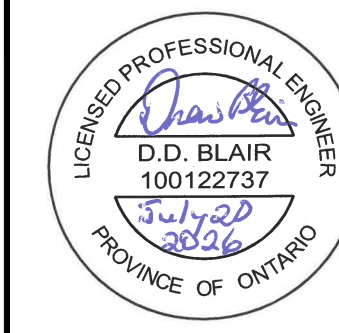
No.	REVISION	DATE	BY	No.	REVISION	DATE	BY
14.	RE-ISSUED FOR SITE PLAN APPROVAL	JULY 20/26	DD	8.	RE-ISSUED FOR TENDER	APR 15/26	DD
6.	REVISED PER TENDER ADDENDUM #1	JUNE 29/26	DD	7.	REVISED PER CITY COMMENTS	MAR 18/26	DD
12.	ISSUED FOR SITE PLAN APPROVAL	JUNE 25/26	DD	6.	REVISED SITE PLAN SUBMISSION	NOV 14/25	DD
11.	RE-ISSUED FOR TENDER	JUN 18/26	DD	5.	RE-ISSUED FOR TENDER	JAN 18/24	DD
10.	REVISED SITE PLAN	JUNE 5/26	DD	4.	ISSUED FOR TENDER	MAY 20/22	DD
9.	ISSUED WITH TENDER ADDENDUM CHANGES	MAY 6/26	DD	3.	REVISED PER CITY COMMENTS	FEB 17/22	DD
				2.	REVISED PER CITY COMMENTS	NOV 5/21	DD
				1.	ISSUED FOR CITY OF OTTAWA REVIEW	JUN 2/21	DD

SCALE



FOR REVIEW ONLY

DESIGN	BM
CHECKED	DD
DRAWN	ATE
CHECKED	BM
APPROVED	DD



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 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

#18539