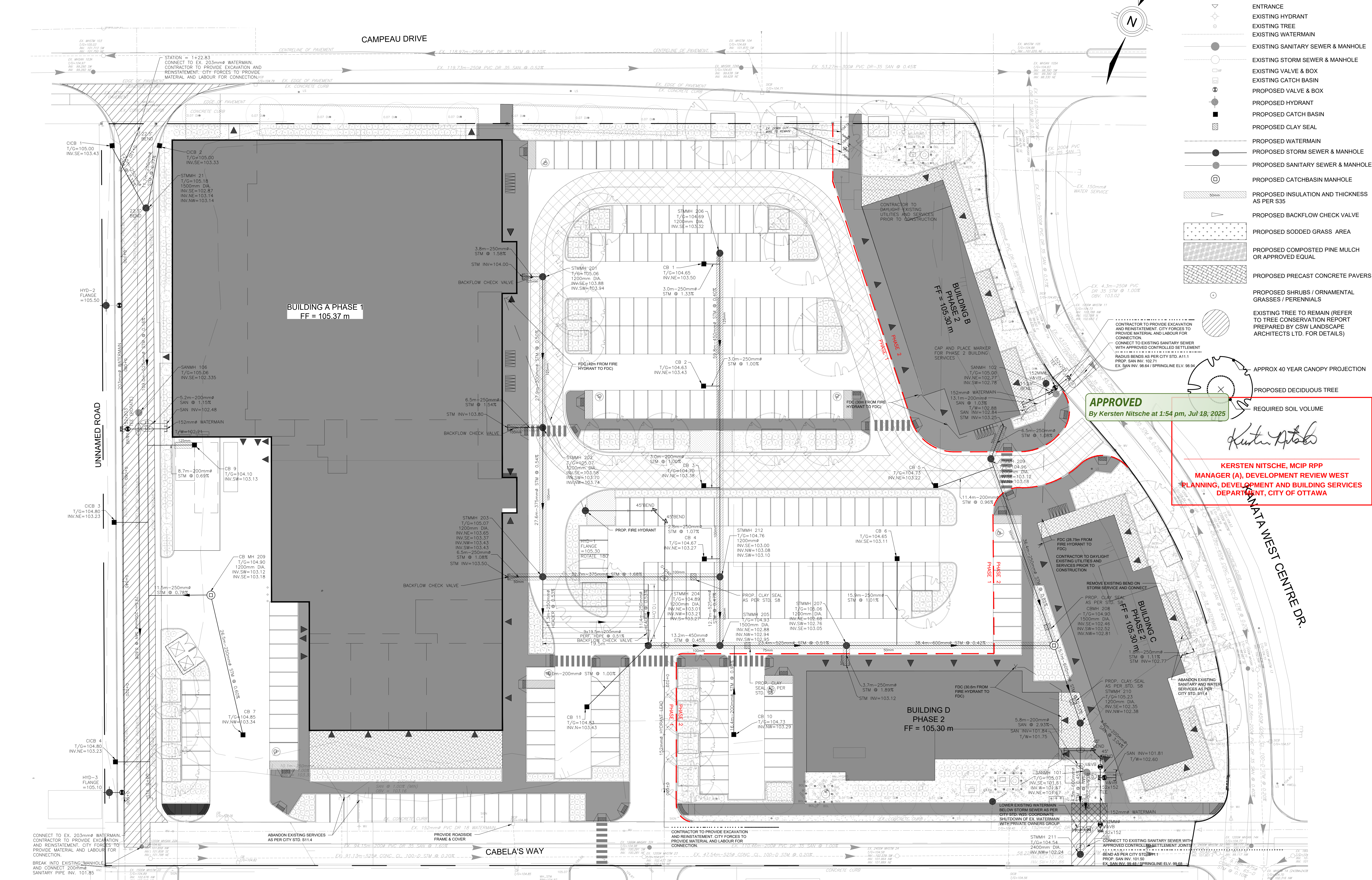


*NOTE: ALL EXACT SEWER PIPE INVERTS TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.



LEGEND

- PROPERTY LINE
- PHASING LIMIT
- ENTRANCE
- EXISTING HYDRANT
- EXISTING TREE
- EXISTING WATERMAIN
- EXISTING SANITARY SEWER & MANHOLE
- EXISTING STORM SEWER & MANHOLE
- EXISTING VALVE & BOX
- EXISTING CATCH BASIN
- PROPOSED VALVE & BOX
- PROPOSED HYDRANT
- PROPOSED CATCH BASIN
- PROPOSED CLAY SEAL
- PROPOSED WATERMAIN
- PROPOSED STORM SEWER & MANHOLE
- PROPOSED SANITARY SEWER & MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED INSULATION AND THICKNESS AS PER S35
- PROPOSED BACKFLOW CHECK VALVE
- PROPOSED SODDED GRASS AREA
- PROPOSED COMPOSTED PINE MULCH OR APPROVED EQUAL
- PROPOSED PRECAST CONCRETE PAVERS
- PROPOSED SHRUBS / ORNAMENTAL GRASSES / PERENNIALS
- EXISTING TREE TO REMAIN (REFER TO TREE CONSERVATION REPORT PREPARED BY CSW LANDSCAPE ARCHITECTS LTD. FOR DETAILS)
- APPROX 40 YEAR CANOPY PROJECTION
- PROPOSED DECIDUOUS TREE
- REQUIRED SOIL VOLUME

APPROVED
By Kersten Nitsche at 1:54 pm, Jul 18, 2025

Kersten Nitsche
KERSTEN NITSCHKE, MCIP RPP
MANAGER (A), DEVELOPMENT REVIEW WEST
PLANNING, DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

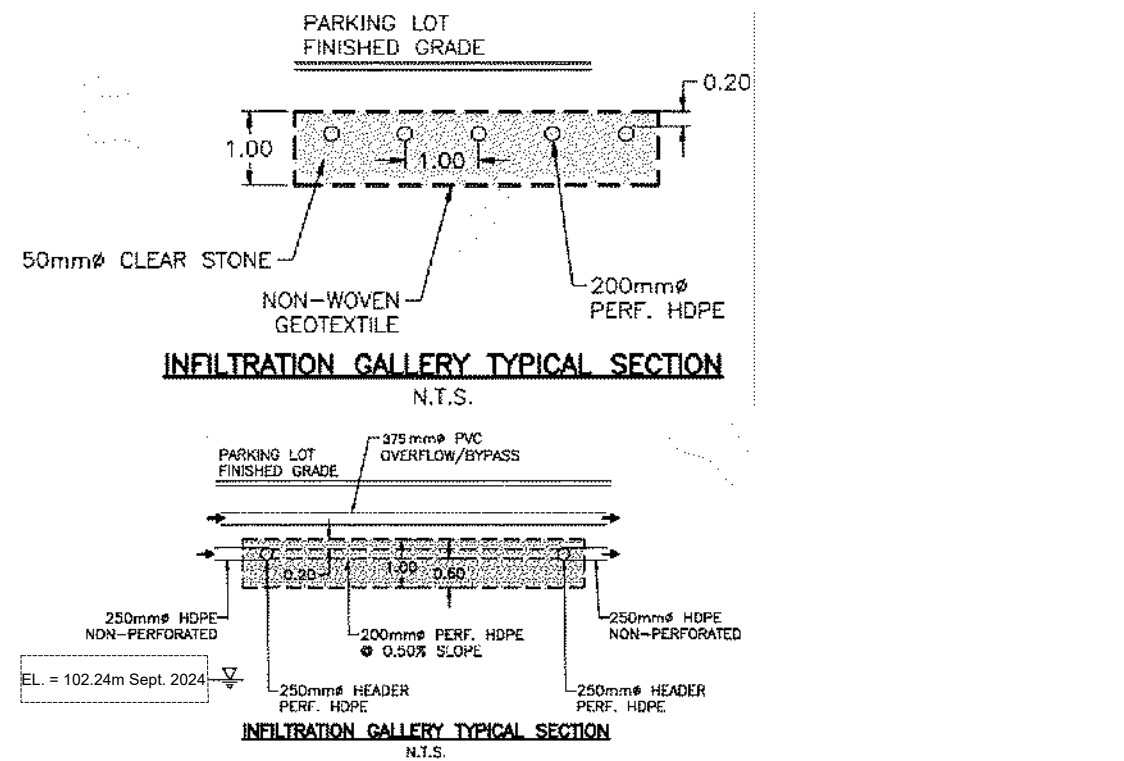
ACCESS ROAD WATERMAIN				
STATION	FINISHED GRADE(M)	TOP OF WATER(M)	COVER DEPTH(M)	COMMENTS
0+000	104.88	102.46	2.4	CONNECT TO EXISTING
0+001	104.87	102.47	2.4	HYDRANT
0+006.6	104.82	102.42	2.4	TOP OF WATERMAIN
0+020	104.97	102.57	2.4	TOP OF WATERMAIN
0+027.9	105.07	102.67	2.4	TOP OF WATERMAIN
0+040	104.94	102.54	2.4	TOP OF WATERMAIN
0+050.9	104.83	102.43	2.4	TOP OF WATERMAIN
0+060	104.91	102.51	2.4	TOP OF WATERMAIN
0+068.1	105.00	102.6	2.4	152 OFF 203 TEE
0+080	105.14	102.74	2.4	TOP OF WATERMAIN
0+091	105.28	102.88	2.4	HYDRANT
0+095.4	105.33	102.93	2.4	TOP OF WATERMAIN
0+100	105.27	102.87	2.4	TOP OF WATERMAIN
0+116.2	105.07	102.67	2.4	22.5° BEND
0+120	105.02	102.62	2.4	TOP OF WATERMAIN
0+123.5	105.00	102.67	2.4	22.5° BEND (EXISTING)

CROSSING TABLE			
CROSSING NO.	SERVICE	INVERT/OBVERT	SEPARATION (m)
1	SANITARY	102.73	0.3
2	EX WATER	102.43	
3	STORM	102.15	2.61
4	EX SAN	99.54	
5	STORM	102.16	0.5
6	EX WATER	101.66	
7	SANITARY	102.57	0.3
8	WATER	101.7	
9	SANITARY	102.45	0.53
10	STORM	101.92	
11	SANITARY	102.21	0.27
12	STORM	101.94	
13	WATER	102.23	0.5
14	STORM	101.73	
15	WATER	102.92	0.56
16	STORM	102.36	
17	WATER	102.27	0.98
18	STORM	102.29	
19	WATER	102.21	0.5
20	STORM	102.81	0.18
21	SANITARY	102.64	
22	WATER	102.45	
23	SANITARY	102.03	0.42

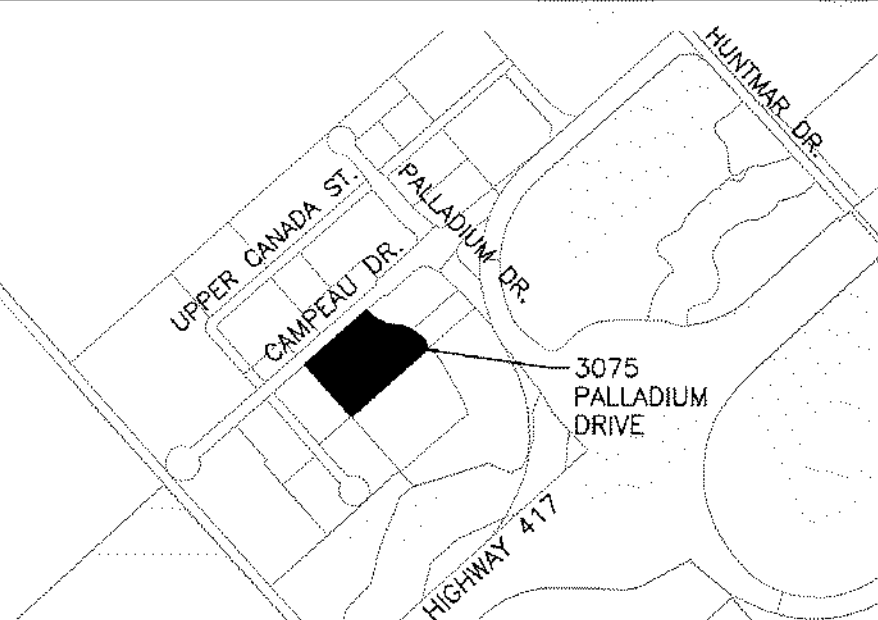
BUILDING C-D WATER SERVICE				
STATION	FINISHED GRADE(M)	TOP OF WATER(M)	COVER DEPTH(M)	COMMENTS
0+000	104.59	102.19	2.4	152 OFF 203 TEE
0+001	104.56	102.16	2.4	VALVE & VALVE BOX
0+009.7	104.99	102.59	2.4	152 OFF 203 TEE
0+11.7	105.1	102.7	2.4	VALVE & VALVE BOX
0+013.3	105.17	102.77	2.4	45° BEND (ROTATE)
0+015.2	105.19	102.25	2.94	45° BEND (ROTATE)
0+020.3	105.28	101.75	3.53	CAP

INLET CONTROL DEVICE (ICD) TABLE				
STRUCTURE	100-YR HEAD(M)	100-YR OUTFLOW(L/S)	ORIFICE DIAMETER (MM)	ORIFICE TYPE
CB-1	1.21	65.3	167.1	CIRCULAR SLIDE
CB-2	1.25	43.2	134.9	CIRCULAR SLIDE
CB-3	1.38	21.3	92.4	CIRCULAR SLIDE
CB-4	1.43	42.4	129.2	CIRCULAR SLIDE
CB-5	1.56	21.0	89.1	CIRCULAR SLIDE
CB-6	1.61	42.7	125.9	CIRCULAR SLIDE
CB-8	1.72	49.0	132.6	CIRCULAR SLIDE
CB-10	1.44	20.7	90.2	CIRCULAR SLIDE
CB-11	1.38	20.6	90.9	CIRCULAR SLIDE
ICB-2	1.64	13.0		TEMPEST LHF
ICB-3	1.44	23.5		TEMPEST HF
ICB-4	1.44	15.6		TEMPEST HF

152mm HYDRANT LEAD				
STATION	FINISHED GRADE(M)	TOP OF WATER(M)	COVER DEPTH(M)	COMMENTS
0+000	104.92	102.52	2.4	CONNECT TO EXISTING
0+010	105.02	102.62	2.4	TOP OF WATERMAIN
0+020	104.93	102.42	2.51	TOP OF WATERMAIN
0+030	104.83	102.42	2.41	TOP OF WATERMAIN
0+039.8	104.75	102.35	2.4	45° BEND
0+042.6	104.77	102.37	2.4	46° BEND
0+057.9	105.15	102.75	2.4	HYDRANT



KEY PLAN
N.T.S.



No.	Issued	Date	By
5	REVISED PER CITY COMMENTS	2025-06-18	MD
4	REVISED COMMENTS	2025-06-13	MD
3	REVISED COMMENTS	2024-12-18	MD
2	REVISED COMMENTS	2024-09-27	MD
1	ISSUED FOR SPA	2024-07-15	MD

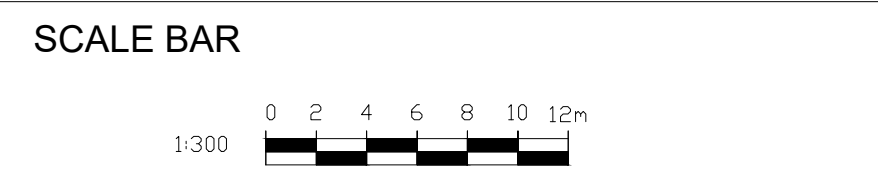
THE LOCATION OF ALL UNDER- / ABOVE-GROUND UTILITIES AND SERVICES IS APPROXIMATE ONLY AND WHERE SHOWN ON THE DRAWING(S) THE ACCURACY OF THE UTILITIES AND SERVICES IS NOT GUARANTEED. THE OWNER AND / OR HIS REPRESENTATIVE SHALL DETERMINE THE LOCATION OF ALL UTILITIES AND SERVICES BEFORE COMMENCING ANY CONSTRUCTION ACTIVITIES.

CONTRACTOR MUST CHECK & VERIFY ALL DIMENSIONS ON SITE.
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION.

LICENSED PROFESSIONAL ENGINEER
Z. DU
2025-06-18
PROVINCE OF ONTARIO

WPE
ENGINEERING LTD.

222 - 7250 KEELE STREET
VAUGHAN, ON L4K 1Z8
T: (416) 578 8662
DESIGN@WPEENGINEERING.COM



PROP. COMMERCIAL
DEVELOPMENT

3075 PALLADIUM DRIVE
CITY OF OTTAWA

SITE SERVICING PLAN

CITY FILE NO.D07-12-24-0076

Design	A.M.	Scale	1:300
Checked	Z.D	Date	2024-06-24
Project No.	2034	Drawing No.	C-03