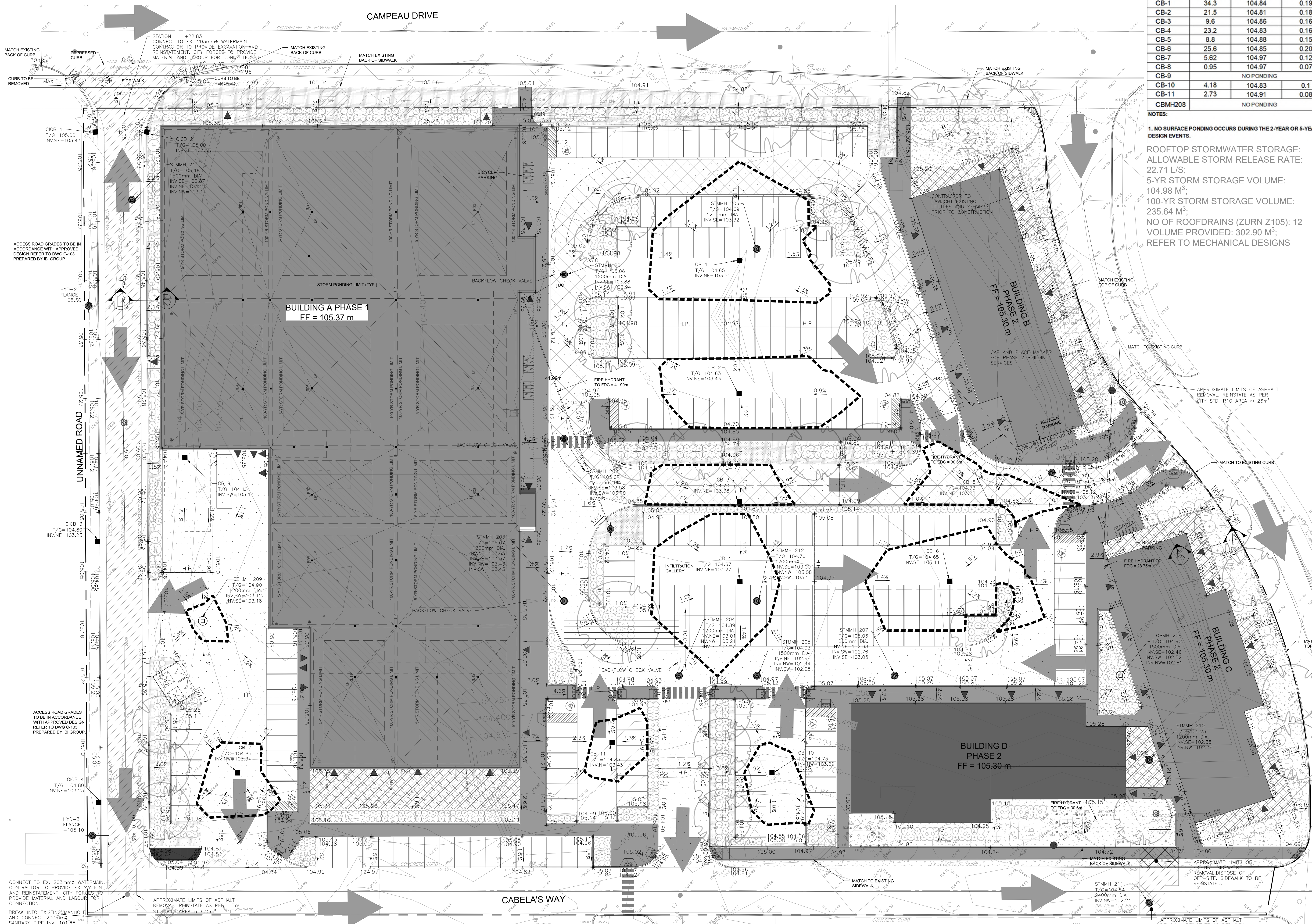


\*NOTE: ALL EXACT SEWER PIPE INVERTS TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR.



STRUCTURE	SURFACE PONDING TABLE		
	PROVIDED STORAGE VOLUME(M <sup>3</sup> )	PONDING ELEVATION(M)	PONDING DEPTH(M)
CB-1	34.3	104.84	0.19
CB-2	21.5	104.81	0.18
CB-3	9.6	104.86	0.16
CB-4	23.2	104.83	0.16
CB-5	8.8	104.88	0.15
CB-6	25.6	104.85	0.20
CB-7	5.62	104.97	0.12
CB-8	0.95	104.97	0.07
CB-9	NO PONDING		
CB-10	4.18	104.83	0.1
CB-11	2.73	104.91	0.08
CBMH208	NO PONDING		

NOTES:  
1. NO SURFACE PONDING OCCURS DURING THE 2-YEAR OR 5-YEAR DESIGN EVENTS.  
ROOFTOP STORMWATER STORAGE:  
ALLOWABLE STORM RELEASE RATE:  
22.71 L/S;  
5-YR STORM STORAGE VOLUME:  
104.98 M<sup>3</sup>;  
100-YR STORM STORAGE VOLUME:  
235.64 M<sup>3</sup>;  
NO OF ROOFDRAINS (ZURN Z105): 12  
VOLUME PROVIDED: 302.90 M<sup>3</sup>;  
REFER TO MECHANICAL DESIGNS

- PLAN OF SURVEY SHOWING TOPOGRAPHIC DETAIL OF BLOCK 1 REGISTERED PLAN 4M-1566 CITY OF OTTAWA  
ELEVATIONS ARE GEODETIC AND ARE REFERRED TO PUBLISHED BENCHMARK D0119833001, HAVING A PUBLISHED ELEVATION OF 77.081 METRES (C0002878)
- TOPOGRAPHIC LEGEND  
■ DENOTES SURVEY MONUMENT FOUND  
□ DENOTES SURVEY MONUMENT SET  
C.C. DENOTES CUT CROSS  
SSIB DENOTES SHORT STANDARD IRON BAR  
IB DENOTES IRON BAR  
CP DENOTES CONCRETE PIN  
P DENOTES PLAN 4R - 35309  
P1 DENOTES PLAN 4R - 33025  
JDB DENOTES J.D. BARNES LIMITED  
SG DENOTES STANTEC GEOMATICS LTD.  
• BM DENOTES BENCH MARK  
• BOL DENOTES BOLLARD  
• CB DENOTES CATCHBASIN  
□ CB DENOTES DOUBLE CATCHBASIN  
+ H DENOTES FIRE HYDRANT  
• HUB DENOTES HYDRO JUNCTION BOX  
○ HMH DENOTES HYDRO MANHOLE  
• HP DENOTES HYDRO POLE  
• HPED DENOTES HYDRO PEDESTAL  
HT DENOTES HYDRO TRANSFORMER  
• LS DENOTES LIGHT STANDARD  
• MB DENOTES MAIL BOX  
○ MH DENOTES MANHOLE  
• MW DENOTES MONITORING WELL  
• PED DENOTES TELEPHONE PEDESTAL  
○ MH\_SAN DENOTES SANITARY MANHOLE  
○ MH\_STM DENOTES STORM MANHOLE  
• TC DENOTES TELEPHONE CHAMBER  
□ TJB DENOTES TELEPHONE JUNCTION BOX  
• TL DENOTES TRAFFIC SIGNAL  
• TM DENOTES TELEPHONE CABLE MARKER  
• TMH DENOTES TELEPHONE MANHOLE  
• WV DENOTES WATER VALVE  
○ DENOTES DECIDUOUS TREE DIA=DIA.METER OF TRUNK IN METRES  
○ DENOTES CONIFEROUS TREE DIA=DIA.METER OF TRUNK IN METRES  
• DENOTES ROOF DRAIN  
• DENOTES ROOF DRAIN SLOPE LINE @ 2.00%  
--- STORM PONDING LIMIT (TYP.)

LEGEND

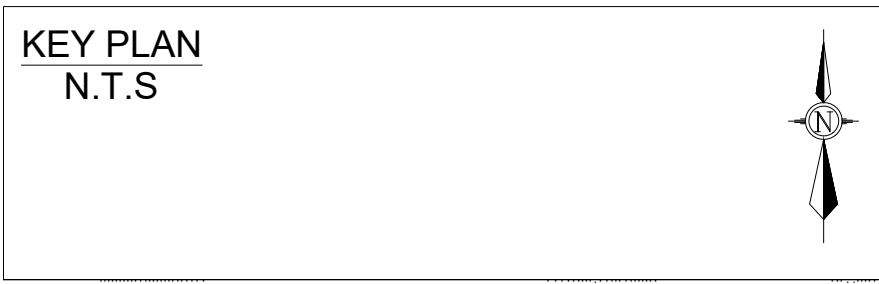
PROPERTY LINE  
ENTRANCE  
DEPRESSED CURB WITH TWSI  
EXISTING HYDRANT  
EXISTING WATER VALVE  
EXISTING TREE  
100 - YEAR PONDING LIMIT  
TERRACING (3H:1V MAX.)  
PROPOSED VALVE & BOX  
PROPOSED HYDRANT  
PROPOSED SPOT ELEVATION  
DRAINAGE SLOPE & DIRECTION  
PROPOSED CATCH BASIN  
PROPOSED CATCH-BASIN MANHOLE  
PROPOSED STORM MANHOLE  
EMERGENCY FLOW ROUTE FOR THE STORM ABOVE THE 1:100 EVENT  
EXISTING CONTOURS  
HEAVY-DUTY ASPHALT  
ASPHALT REINSTATEMENT  
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  
40mm SUPERPAVE 12.5mm ASPHALTIC CONCRETE PG 58-34  
60mm SUPERPAVE 19.0mm ASPHALTIC CONCRETE PG 58-34  
150mm GRANULAR "A"  
300mm GRANULAR "B" TYPE II  
LIGHT DUTY (CAR ONLY PARKING AREAS)  
HEAVY DUTY (ACCESS LANES AND HEAVY TRUCK AREAS)  
NOTE: REFER TO GEOTECHNICAL INVESTIGATION PREPARED BY GEMTEC.  
PAVEMENT STRUCTURE DETAIL N.T.S.  
SECTION A-A N.T.S.  
SECTION B-B N.T.S.

KANATA WEST CENTRE DR.

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

APPROVED  
By Kersten Nitschke at 1:51 pm, Jul 18, 2025

50mm SUPERPAVE 12.5mm ASPHALTIC CONCRETE PG 58-34  
150mm GRANULAR "A"  
300mm GRANULAR "B" TYPE II  
LIGHT DUTY (CAR ONLY PARKING AREAS)  
HEAVY DUTY (ACCESS LANES AND HEAVY TRUCK AREAS)  
NOTE: REFER TO GEOTECHNICAL INVESTIGATION PREPARED BY GEMTEC.  
PAVEMENT STRUCTURE DETAIL N.T.S.  
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SECTION B-B 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 8682  
DESIGN@WPEENGINEERING.COM

SCALE BAR  
1:300  
0 2 4 6 8 10 12m

PROP. COMMERCIAL DEVELOPMENT  
3075 PALLADIUM DRIVE  
CITY OF OTTAWA  
SITE GRADING 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-01