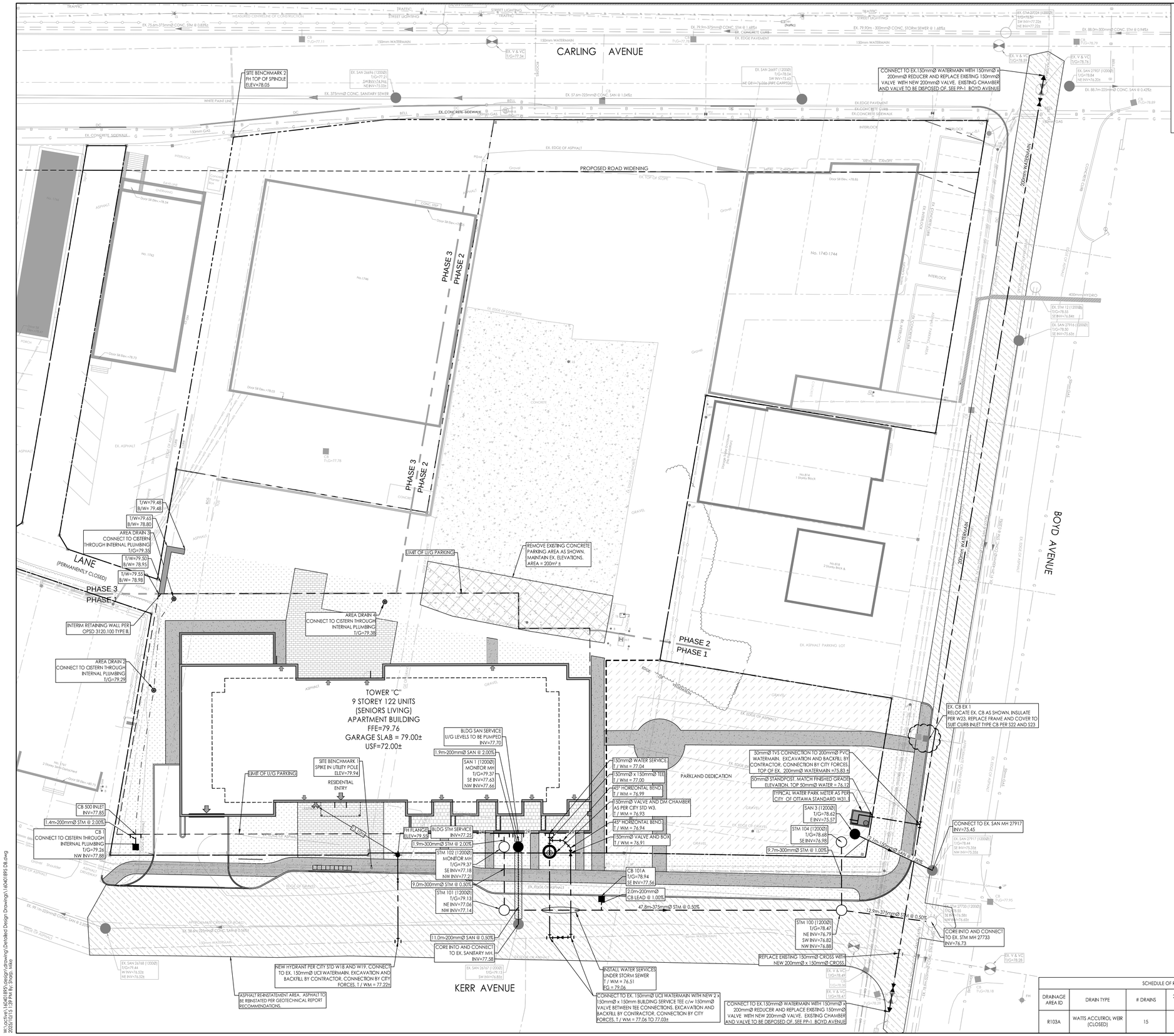

SCHEDULE OF ROOF RELEASE RATES						
DRAINAGE AREA ID	DRAIN TYPE	# DRAINS	2YR HEAD (m)	100 YEAR HEAD (m)	5YR RELEASE RATE (L/s)	100 YEAR RELEASE RATE (L/s)
R103A	WATTS ACCUTROL WEIR (CLOSED)	15	0.09	0.15	4.7	4.7

Stantec

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Legend

- PROPOSED WATERMAIN
- PROPOSED VALVE AND VALVE BOX
- PROPOSED VALVE CHAMBER
- PROPOSED W3 CHAMBER
- PROPOSED REDUCER
- PROPOSED FIRE HYDRANT
- PROPOSED SANITARY SEWER
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED CB T AND SUBDRAIN
- PROPOSED AREA DRAIN TO CONNECT TO INTERNAL PLUMBING
- EXISTING WATERMAIN
- EXISTING VALVE AND VALVE BOX
- EXISTING VALVE CHAMBER
- EXISTING REDUCER
- EXISTING FIRE HYDRANT
- EXISTING STORM SEWER
- EXISTING CATCHBASIN MANHOLE
- EXISTING CATCHBASIN
- PROPOSED DEPRESSED CURB LOCATIONS
- PROPOSED BARRIER CURB
- THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 2.0m AND ON SANITARY SEWER WHERE COVER IS LESS THAN 2.5m AS PER S35.
- WATER METER
- REMOTE WATER METER
- ASPHALT REINSTATEMENT AREA

Notes

1. ALL CATCH BASINS AND TRENCH DRAINS TO BE CONNECTED TO INTERNAL PLUMBING AND COLLECTED IN STORM WATER MANAGEMENT CISTERN. INSTALLATION BY OTHERS. CISTERN DESIGN BY THE STRUCTURAL CONSULTANT. CISTERN PUMP AND EMERGENCY OVERFLOW DESIGN BY THE MECHANICAL CONSULTANT.
2. FINAL METER AND REMOTE METER LOCATIONS TO BE CONFIRMED BY MECHANICAL CONSULTANT.
3. THE LOCATION AND ELEVATION OF SEWERS, WATERMAIN AND UTILITIES IS APPROXIMATE ONLY AND THE EXACT LOCATION AND ELEVATIONS SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION AND ELEVATION OF SEWERS, WATERMAINS AND UTILITIES AND SHALL BE RESPONSIBLE FOR THEIR PROTECTION AND THE IMPLEMENTATION OF ANY NECESSARY PROCEDURES CALLED FOR IN THE APPROPRIATE STANDARD AND REGULATIONS. ANY DISCREPANCY WITH THE INFORMATION SHOWN ON THESE PLANS SHALL BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WITH CONSTRUCTION.
4. INTERNAL PLUMBING AND SUMP PUMPS TO BE DESIGNED BY THE MECHANICAL CONSULTANT.
5. STORMWATER MANAGEMENT TO BE PROVIDED THROUGH A 90m³ CISTERN LOCATED IN THE UNDERGROUND PARKING.
6. MAX. CISTERN RELEASE RATE TO STORM SEWER = 6.1L/s
7. BOOSTER PUMPS TO BE PROVIDED TO MAINTAIN MINIMUM PRESSURES FOR TOWERS 6-STOREYS AND HIGHER.
8. SUMP PUMP REQUIRED TO DISCHARGE UNDERGROUND PARKING LEVELS TO INTERNAL SANITARY SEWER. (REFER TO MECHANICAL DRAWINGS FOR DETAILS)
9. FLOOR DRAINS LOCATED INSIDE PARKING GARAGE TO BE CONNECTED TO BUILDING INTERNAL SANITARY SEWER.
10. USF TO BE CONFIRMED BY THE STRUCTURAL CONSULTANT. SUMP PUMP REQUIRED TO DISCHARGE FOUNDATION DRAINAGE SYSTEM. (REFER TO MECHANICAL DRAWINGS FOR DETAILS)

Revision	By	Appd.	YY.MM.DD
0 ISSUED FOR SPA	MJS	DT	25.10.17

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Permit-Seal

LICENSED PROFESSIONAL ENGINEER
D. C. THIFFAULT
100186107
2025-10-23
PROVINCE OF ONTARIO

Client/Project

THE PROPERTIES GROUP

1746 CARLING AVENUE
9 STOREY APARTMENT BUILDING
OTTAWA, ON, CANADA

Title

SITE SERVICING PLAN

Project No. 160401895

Scale 1:250 (0 2.5 7.5 12.5m)

Drawing No. SSP-1

Sheet 3 of 11

Revision 0

ORIGINAL SHEET - ARCH D

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2025/10/15 1:39 PM By: Shrajh, Mike