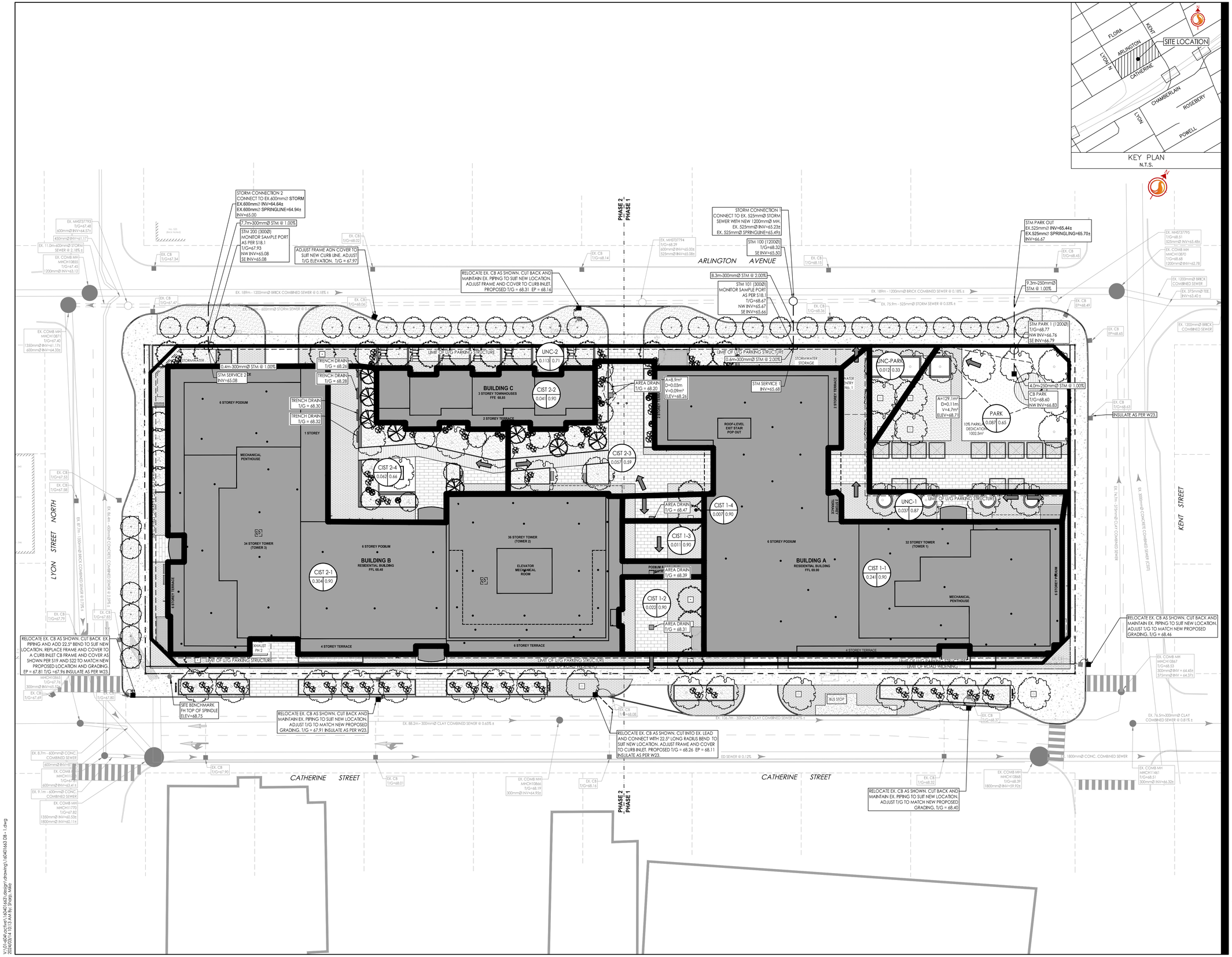

Stantec

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Legend

- CIST 1-1 (1.00 / 0.85): AREA ID TO CISTERN 1; RUNOFF COEFFICIENT; STORM DRAINAGE AREA ha.
- STORM DRAINAGE BOUNDARY
- CIST 2-1 (1.00 / 0.85): AREA ID TO CISTERN 2; RUNOFF COEFFICIENT; STORM DRAINAGE AREA ha.
- STORM DRAINAGE BOUNDARY
- EXT-1 (1.00 / 0.50): AREA ID; EXTERNAL RUNOFF COEFFICIENT; EXTERNAL STORM DRAINAGE AREA ha.
- EXTERNAL STORM DRAINAGE BOUNDARY
- DIRECTION OF OVERLAND FLOW
- PROPOSED STORM MH AND SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- EXISTING STORM MH AND SEWER
- EXISTING CATCHBASIN
- EXISTING COMBINED MH AND SEWER
- THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m. THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22.
- MAXIMUM STATIC PONDING LIMITS

Notes

1. ALL CATCH BASINS AND TRENCH DRAINS TO BE CONNECTED TO INTERNAL PLUMBING AND COLLECTED IN STORM WATER MANAGEMENT CISTERN. INSTALLATION BY OTHERS.
2. STORMWATER MANAGEMENT TO BE PROVIDED THROUGH 2 CISTERNS. ONE CISTERN PER DEVELOPMENT PHASE.
   PHASE 1 CISTERN = 110.0m³
   PHASE 2 CISTERN = 170.0m³
   MAX. CISTERN RELEASE RATE TO STORM SEWER
   PHASE 1 CISTERN RELEASE RATE = 14.3L/s
   PHASE 2 CISTERN RELEASE RATE = 23.6L/s

Revision	By	Appd.	YY.MM.DD
1 REVISED AS PER CITY COMMENTS	MJS	DT	24.03.13
0 ISSUED FOR SPA	MJS	MF	23.05.15

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	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
D. C. THIFFAULT
100186107
2024-03-14
PROVINCE OF ONTARIO

Client/Project
BRIGIL

265 CATHERINE STREET

OTTAWA, ONTARIO, CANADA

Title
STORM DRAINAGE PLAN

Project No. 160401663

Scale 1:300 (0 3 9 15m)

Drawing No. SD-1

Sheet 6 of 7

Revision 1

ORIGINAL SHEET - ARCH D

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2024-03-14 10:13 AM By: Sharp, Mikki