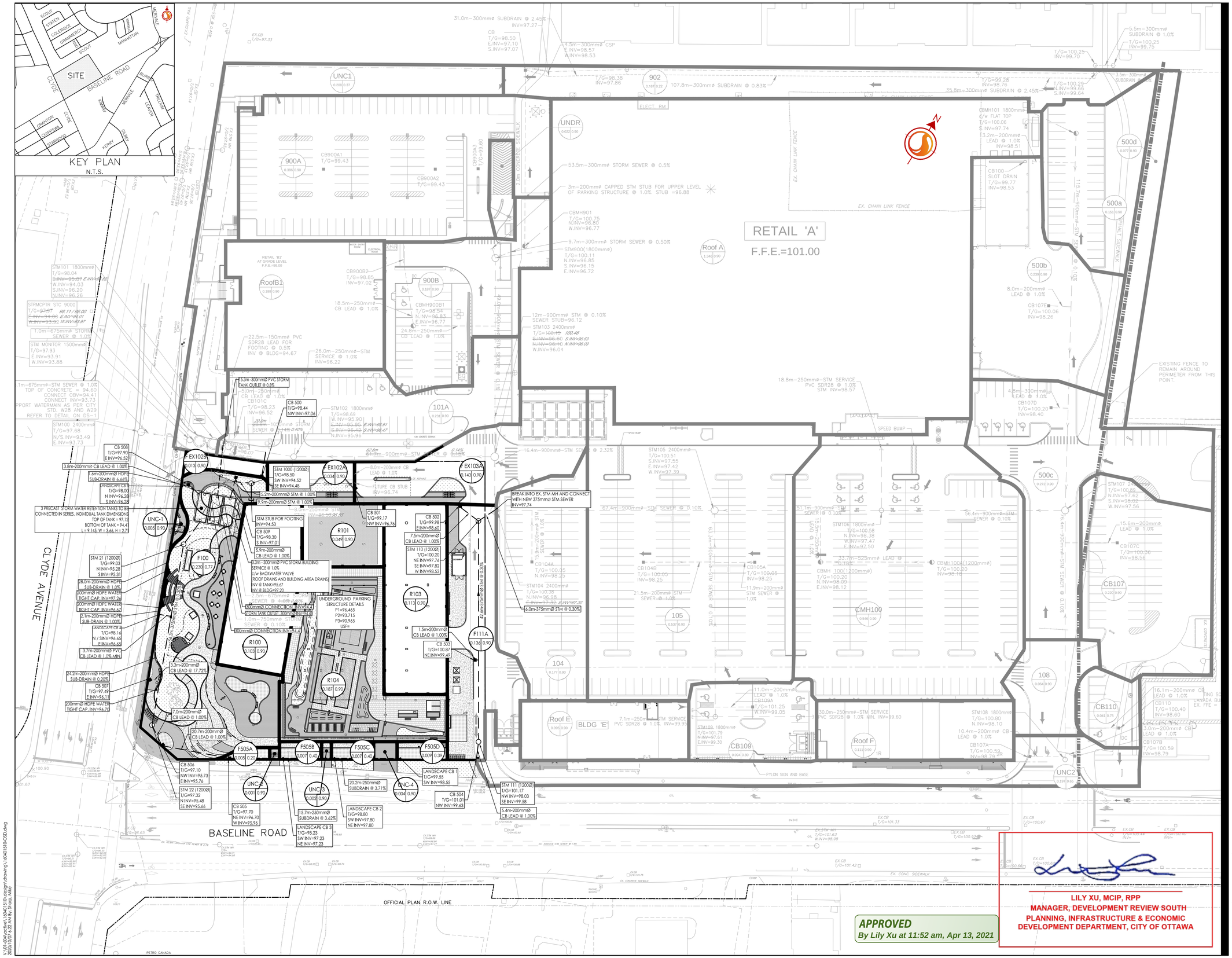

APPROVED
By Lily Xu at 11:52 am, Apr 13, 2021

LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

Stantec

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Legend

- F100A / 0.50 / 0.90 — AREA ID; RUNOFF COEFFICIENT; STORM DRAINAGE AREA ha.
- PROPOSED STORM DRAINAGE BOUNDARY
- F100A / 0.50 / 0.90 — EX. AREA ID; EX. RUNOFF COEFFICIENT; EX. STORM DRAINAGE AREA ha.
- EX. STORM DRAINAGE BOUNDARY
- DIRECTION OF OVERLAND FLOW
- PROPOSED STORM SEWER
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED SUBDRAIN AND LANDSCAPE CATCHBASIN
- EXISTING STORM SEWER
- EXISTING CATCHBASIN MANHOLE
- EXISTING CATCHBASIN
- EXISTING SUBDRAIN AND LANDSCAPE CATCHBASIN
- 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 WZ2.

Notes

SCHEDULE OF INLET CONTROL DEVICES

AREA ID	STRUCTURE ID	TYPE	100YR HEAD (m)	100YR RELEASE RATE (L/s)
F101	STM110	108mmø VERTICAL SLIDING ORIFICE	2.05	32.8
*104	STM104	250mmø VERTICAL SLIDING ORIFICE	3.28	232.9
F100	TANK	150mmø VERTICAL SLIDING ORIFICE	2.51	74.5
*101A	STM101	380mmø VERTICAL SLIDING ORIFICE	3.55	534.6
*CB107	CB107	127mmø VERTICAL SLIDING ORIFICE	2.07	43.75
*CB109	CB109	90mmø VERTICAL SLIDING ORIFICE	2.36	25.77
*900B	900B	154mmø VERTICAL SLIDING ORIFICE	2.00	59.76

* ICD'S THAT REQUIRE REPLACEMENT

1. PROPOSED AREA DRAINS TO BE CONNECTED TO INTERNAL PLUMBING OUTLETTING INTO CISTERN. (REFER TO ARCHITECTURAL AND MECHANICAL PLAN FOR DETAILS)

Revision

		By	Appd.	YY.MM.DD
2	REVISED AS PER CITY COMMENTS	MJS	DT	20.10.07
1	REVISED AS PER CITY COMMENTS	MJS	DT	20.05.15
0	ISSUED TO CITY FOR SPA	MJS	DT	20.01.09

File Name: 160401510-OSD.dwg	MJS	KS	MJS	20.01.07
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

LICENSED PROFESSIONAL ENGINEER
D. C. THIFFAULT
100186107
07/10/2020
PROVINCE OF ONTARIO

Client/Project

SELECTION GROUP INTERNATIONAL INC.
2400 BOUL. DANIEL JOHNSON
LAVAL, QUEBEC
H7T 3A4

1357 BASELINE ROAD
OTTAWA, ON, CANADA

Title

OVERALL STORM DRAINAGE PLAN

Project No.	Scale	Sheet	Revision
160401510	1:500	8 of 8	2
Drawing No.			
OSD-1			

PLAN No. 18117

D07-12-20-0005

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2020/10/07 - 6:22 AM By: Sharp, Mike