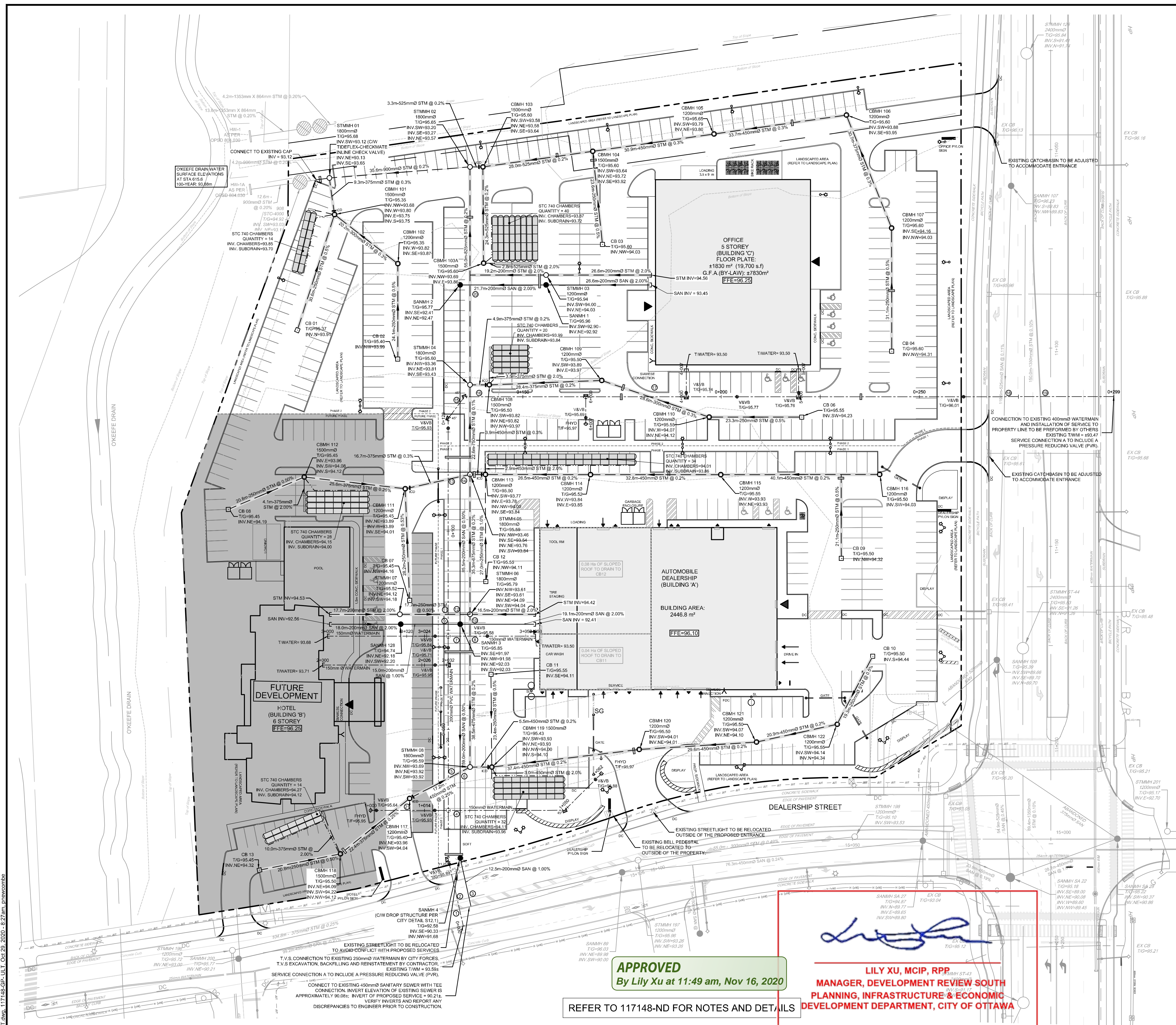


PIPE CROSSINGS				
CROSSING NO.	SANITARY INVERT	STORM INVERT	TOP OF WATERMAIN	CLEARANCE
1	90.55	83.24	93.32	2.77
2	90.23	83.15	92.54	0.70
3	91.74	-	93.36	1.27
4	-	93.93	93.33	0.60
5	92.48	93.91	-	1.23
6	91.95	-	93.30	1.00
7	92.06	93.62	93.30	0.62
8	92.08	-	93.41	0.95
9	92.08	93.60	-	1.52
10	-	94.18	93.45	0.73
11	91.99	94.20	-	2.21
12	92.17	-	93.92	0.67
13	92.26	93.94	93.30	1.77
14	-	93.43	92.80	0.63
15	-	93.92	93.40	0.63
16	89.77	-	93.36	0.52
17	-	91.33	93.46	2.13
18	92.52	93.85	93.35	1.46
19	-	94.05	93.11	0.94

- LEGEND**
- PROPERTY LINE
  - PROPOSED CURB
  - DC PROPOSED DEPRESSED CURB AS PER CITY DETAIL SC1.1
  - PROPOSED WATER SERVICE
  - PROPOSED HYDRANT c/w LEAD & VALVE
  - V&VB PROPOSED VALVE AND VALVE BOX
  - Y PROPOSED SIAMESE CONNECTION
  - ⊕ PROPOSED CAP
  - PROPOSED SANITARY SERVICE c/w MANHOLE
  - ⊕ PROPOSED STORM SEWER AND MANHOLE
  - PROPOSED STORM SEWER WITH INSULATION
  - PROPOSED STORMTECH STC-740 UNDERGROUND STORAGE SYSTEM (REFER TO 117148-ND FOR DETAILS)
  - PROPOSED INLET CONTROL DEVICE (REFER TO DWG. 117148-ND FOR SPECIFIC SIZES AND DETAILS)
  - PROPOSED BUILDING ENTRANCE
  - PROPOSED DRIVE IN ENTRANCE
  - PROPOSED PAVEMENT MARKINGS
  - PROPOSED DECORATIVE RETAINING WALL
  - PROPOSED LIGHT STANDARD (REFER TO PHOTOMETRIC PLAN DRAWINGS FOR MORE INFO)
  - PROPOSED CATCHBASIN MANHOLE
  - PROPOSED CATCHBASIN
  - PROPOSED SEEPAGE BARRIER (REFER TO GEOTECH REPORT FOR DETAILS)
  - PROPOSED SECURITY GATE (REFER TO LANDSCAPE DRAWINGS)
  - DECORATIVE SECURITY FENCE (REFER TO LANDSCAPE DRAWINGS)
  - FFE-96.10 PROPOSED FINISH FLOOR ELEVATION
  - PHASE LIMITS
  - EXISTING UTILITY POLE c/w GUY WIRES
  - EXISTING WATERMAIN c/w VALVE & VALVE CHAMBER
  - EXISTING HYDRANT c/w VALVE & LEAD
  - EXISTING SANITARY MANHOLE & SEWER
  - EXISTING STORM MANHOLE & SEWER
  - EXISTING STORMCEPTOR MH
  - EXISTING CATCHBASIN
  - EXISTING GAS MAIN
  - EXISTING OVERHEAD WIRES
  - EXISTING BELL LINE
  - EXISTING HYDRO
  - EXISTING STREET LIGHT WALL



**APPROVED**  
By Lily Xu at 11:49 am, Nov 16, 2020

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

REFER TO 117148-ND FOR NOTES AND DETAILS

**NOT FOR CONSTRUCTION**

No.	REVISION	DATE	BY
5.	REVISED PER CITY COMMENTS AND ISSUED FOR FINAL APPROVAL	OCT 28/20	CJR
4.	PHASE LIMIT ADDED	OCT 8/20	CJR
3.	REVISED SITE PLAN	AUG 21/20	CJR
2.	REVISED PER CITY COMMENTS	MAR 04/20	CJR
1.	ISSUED FOR SITE PLAN APPLICATION	NOV 06/19	CJR

SCALE: 1:500

FOR REVIEW ONLY

ARM C.J.R. (Checked)

ARM C.J.R. (Checked)

C.J.R. (Approved)

J.L.S. (Approved)

**C.J. RUDDLE**  
LICENSED PROFESSIONAL ENGINEER  
PROVINCE OF ONTARIO  
OCT 28/20

**NOVATECH**  
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Ottawa, Ontario, Canada K2M 1P6  
Telephone: (613) 254-9643  
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LOCATION 4149 STRANDHERD DRIVE, CITY OF OTTAWA	PROJECT No. 117148
DRAWING NAME GENERAL PLAN OF SERVICES - ULTIMATE	REV # 5
DRAWING No. 117148-GP	

**NOTE:**  
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

M:\2017\117148\CD\Drawings\117148-GP-ULT.dwg, 117148-GP-ULT, Oct 29, 2020, 8:27 am, rhencombu

07-12-19-0782 #18069