

LYON STREET SERVICING TOWER 'A' SCALE 1:200

9TH FLOOR

9[™] FLOOR

SIAMESE

CONNECTION

TOWER B'

200mmØ SAN INV.=69.40

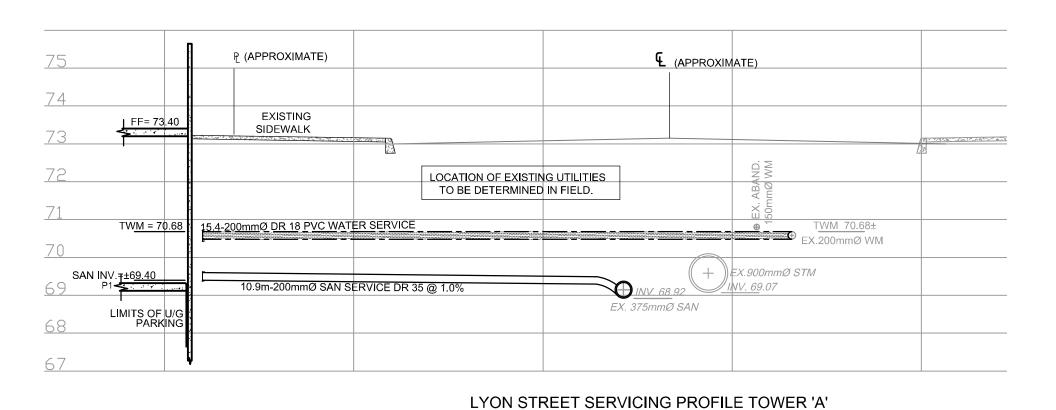
OF TOP

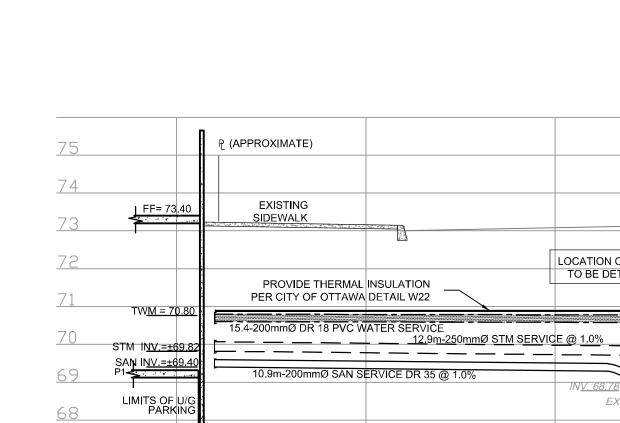
CHANICAL THOUSE H FLOOR

200mmØ T/WM=70.80

250mmØ STM INV.=69.82 —

ROOF TERRACE





LYON STREET SERVICING TOWER 'B' SCALE 1: 200

REMOVE ABANDONED STM SERVICE AND REPLACE

SPRINGLINE (SL) USING EUROPLAST ADAPTER OR EQUIV. EX. STM INV=68.99±, EX. STM SL=69.44±

(CONTRACTOR TO VERIFY) STM SERVICE INV=69.69±

WITH 12.9m-200mmØ STM SERVICE @1.0%.

CONNECT TO EX. 900mmØ STM SEWER ABOVE

REPLACE ABANDONED SANITARY SERVICE WITH

INV=68.78±, EX. SAN SL=68.97± (CONTRACTOR TO

VERIFY) SAN SERVICE INV. 68.97±

ROGERS AND BELL.

10.9m-200mmØ SAN SERVICE @ 1.0%. CONNECT TO EX.

375mmØ SAN SEWER ABOVE SPRINGLINE (SL) USING MANUFACTURED TEE CONNECTION. EX. SAN

15.4m-200mmØ DR18 PVC WATER SERVICE. TO

TEE CONNECTION TO EX. 200mmØ WATERMAIN

BY CITY FORCES. T/WM=70.77± (CONTRACTOR TO

VERIFY) EXCAVATION, SUPPORT, BACKFILL AND

| Fire Hydrant

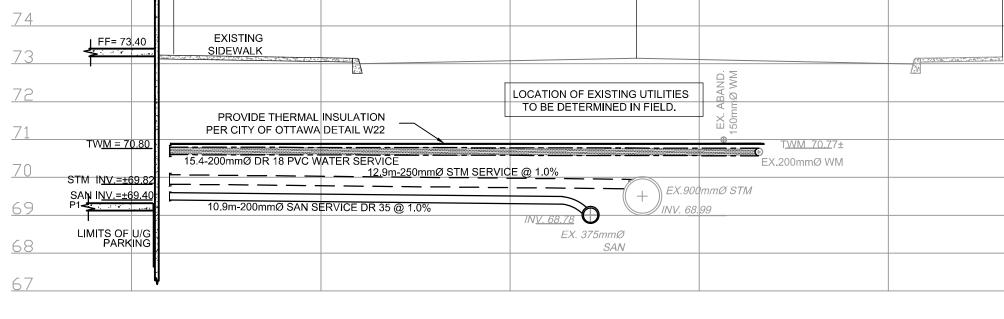
| Elev=74.0I

JOB BENCHMARK-B

Top of Spindle on

CROSS ABOVE SAN AND STM AND BELOW

REINSTATEMENT BY CONTRACTOR.

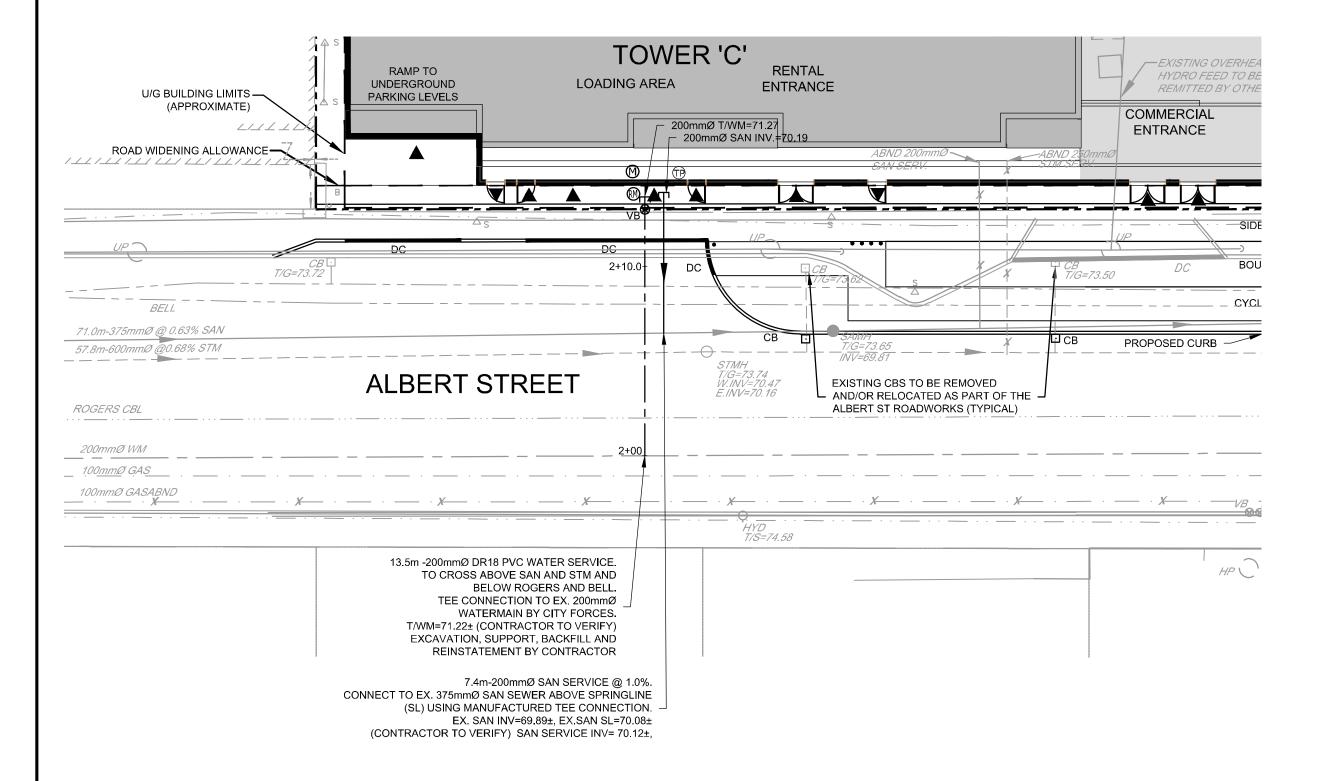


LYON STREET SERVICING PROFILE TOWER 'B' SCALE 1:100

SCALE 1:100

L (APPROXIMATE)

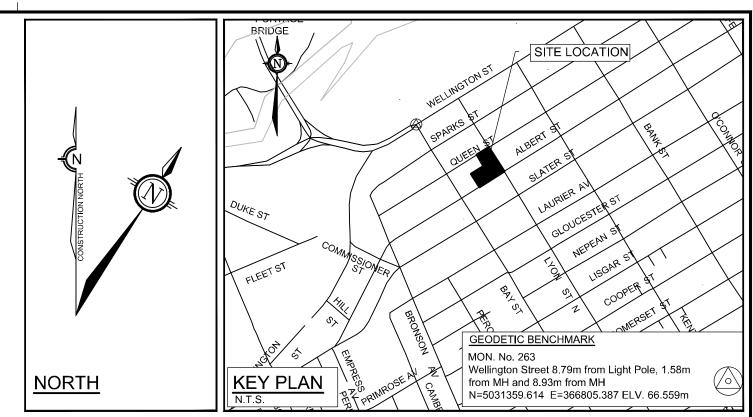
₽ (APPROXIMATE



76							
		은 (APPROXIMATE)		ą.	(APPROXIMATE	P.	(APPROXIMATE)
75							
74		PROPOSED					
	FF= 73.75	SIDEWALK	<u> </u>			ETT -	
73				21/10 THE THE DAME IN 10	LII ATION		
72				OVIDE THERMAL INS R CITY OF OTTAWA D	DETAIL W22 CR	OSS OVER SEWER AS PER	
71	TW <u>M = 71.27</u>	13.5-200mmØ DR 18 PVC W	ATER SERVICE		CIT	Y OF OTTAWA W25.2 TWM 71.22± EX 200mm@ WM	
70	SAN I <u>NV.=±70.19</u>			INV. 70.48		m MIN. CLEARANCE BETWEEN OUTS S STM AND PROPOSED WM SERVICE	
7.0		7.4m-200mmØ SAN SERVICE	DR 35 @ 1.0% EX. 375mmØ SAN)			
69	LIMITS OF U/G PARKING						
68	FARRING						
67		•					

ALBERT STREET SERVICING PROFILE TOWER 'C'

SCALE 1:100



LEGEND — -- PROPERTY LINE PROPOSED UNDERGROUND BUILDING LIMITS (APPROX.) EXISTING LEGAL ADJACENT —— — PROPOSED WATERMAIN SERVICE CONNECTION (WITH CAP)

LSCB_●

— → ☐ PROPOSED STORM SERVICE CONNECTION (WITH CAP) PROPOSED SANITARY SERVICE CONNECTION (WITH CAP) PROPOSED FLOW DIRECTION PROPOSED WATER METER PROPOSED STORM / SANITARY TEST PORT PROPOSED REMOTE WATER METER PROPOSED WATERMAIN SHUT OFF VALVE BOX PROPOSED SIAMESE CONNECTION PROPOSED LANDSCAPED CATCHBASIN

> PROPOSED CATCHBASIN EXISTING SERVICE TO BE ABANDONED PROPOSED BUILDING ENTRANCE / EXIT PROPOSED FINISHED FLOOR ELEVATION

PROPOSED TOWER

SIB/CP EXISTING STANDARD IRON BAR / CONTROL POINT _______ EXISTING DEPRESSED CURB MANHOLE

EXISTING JOINT USE STREET LIGHT EXISTING TRAFFIC LIGHT SL EXISTING STREET LIGHT EXISTING BELL MANHOLE EXISTING HYDRO MANHOLE EXISTING JOINT TELECOMMUNICATIONS EXISTING ROGERS CABLE MANHOLE

EXISTING FIBRE OPTIC CONDUIT ATRIA / TELLUS — · · · — EXISTING ROGERS CABLE EXISTING GAS MAIN — · · — EXISTING HYDRO CONDUIT ----- EXISTING BELL CONDUIT EXISTING HYDRO / UTILITY POLE HP/UP() EXISTING GUY WIRE ----- EXISTING OVERHEAD WIRE TCB EXISTING TRAFFIC CONTROL BOX EXISTING VERTICAL TRAFFIC LIGHT DISCONNECT EXISTING TRAFFIC MANHOLE EXISTING ABANDONED INFRASTRUCTURE BELL / GAS / HYDRO / ROGERS / SANITARY SEWER / TRAFFIC / WATERMAIN EXISTING UNDERGROUND SEWERS CHAMBER - COMBINED / SANITARY /

GV EXISTING GAS VALVE

EXISTING UNDERGROUND UTILITIES CHAMBER - ATRIA / BELL / HYDRO / ROGERS / TELLUS / TRAFFIC

EXISITING FLOW DIRECTION OF SEWERS EXISITING COMBINED SEWER EXISITING SANITARY MANHOLE EXISITING STORM MANHOLE 375mmØ SAN EXISITING SANITARY SEWER EXISITING STORM SEWER VB⊗

EXISITING WATERMAIN VALV E CHAMBER EXISITING WATERMAIN SHUT-OFF VAL VE BOX EXISTING WATERMAIN EXISTING HYDRANT C/W LEAD & SHUT OFF VALVE BOX

1) REFER TO DRAWING 109111-GP1 FOR ALL GENERAL, SEWER AND WATERMAIN NOTES.

Р	PROPOSED WATER SERVICE TABLE - TOWER 'A'					
STATION	SURFACE ELEVATION	T/WM ELEVATION	COMMENTS			
0+00	73.08±	70.68± *	TEE CONNECTION TO EXISTING 200mmØ WM			
0+00.9	73.10±	70.68	CROSS BELOW EX. ABND 150mmØ WM (±0.05m CLEARANCE)			
0+02.9	73.12±	70.68	CROSS ABOVE EX. 900mmØ STM (±0.39m CLEARANCE)			
0+04.7	73.12±	70.68	CROSS ABOVE EX. 375mmØ SAN (±1.1m CLEARANCE)			
0+13.8	73.21	70.68	200mmØ VALVE AND VALVE BOX			
0+15.4	73.22	70.68	CAP 1.0m FROM BUILDING FACE			

Р	PROPOSED WATER SERVICE TABLE - TOWER 'B'			
STATION	SURFACE ELEVATION	T/WM ELEVATION	COMMENTS	
1+00	73.07±	70.77± *	TEE CONNECTION TO EXISTING 200mmØ WM	
1+00.9	73.10±	70.77 **	CROSS BELOW EX. ABND 150mmØ WM (±0.15m CLEARANCE)	
1+02.9	73.13±	70.77 **	CROSS ABOVE EX. 900mmØ STM (±0.56m CLEARANCE)	
1+04.3	73.12±	70.77 **	CROSS ABOVE EX. 375mmØ SAN (±1.35m CLEARANCE)	
1+13.9	73.20	70.79	200mmØ VALVE AND VALVE BOX	
1+15.4	73.21	70.80	CAP 1.0m FROM BUILDING FACE	

Р	ROPOSE	D WATER SI	RVICE TABLE - TOWER 'C'		
STATION	SURFACE ELEVATION	T/WM ELEVATION	COMMENTS		
2+00	73.76±	71.22± *	TEE CONNECTION TO EXISTING 200mmØ WM		
2+3.2	73.76±	71.22 **	45° VERTICAL BEND		
2+3.8	73.76±	71.66 **	45° VERTICAL BEND		
2+05.5	73.43±	71.66 **	CROSS ABOVE EX. 600mmØ STM (0.25m CLEARANCE)		
2+06.5	73.42±	71.66 **	CROSS ABOVE EX. 375mmØ SAN (1.15m CLEARANCE)		
2+07.1	73.76±	71.66 **	45° VERTICAL BEND		
2+07.7	73.76±	71.27 **	45° VERTICAL BEND		
2+13.0	73.58	71.27	200mmØ VALVE AND VALVE BOX		
2+13.5	73.58	71.27	CAP 1.0m FROM BUILDING FACE		

* EXACT ELEVATION TO BE FIELD DETERMINED. ** PROVIDE THERMAL INSULATION PER CITY OF OTTAWA STANDARD DETAIL W22 WHERE COVER IS LESS THAN 2.4m.

ALBERT STREET SERVICING TOWER 'C' SCALE 1:200

THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, 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.

CLARIDGE HOMES CLARIDGE HOMES

210 GLADSTONE AVENUE,

OTTAWA , ONTARIO

SUITE 2001,

K2P 0Y6.



NOT FOR CONSTRUCTION

				SCALE
				AS SHOWN
				AS SHOWN
2.	ISSUED WITH DSS & SWM REPORT	AUG 15 / 2018	FST	
1.	ISSUED WITH SITE PLAN APPLICATION	OCT 18/2013	JGR	
No.	REVISION	DATE	BY	

Engineers, Planners & Landscape Architects Suite 200, 240 Michael Cowpland Drive Ottawa, Ontario, Canada K2M 1P6 Telephone Facsimile (613) 254-5867 Website www.novatech-eng.com

FOR REVIEW ONLY

LGB/FST

GJM/FST

MWC/LGB

GJM/FST

LOCATION CITY OF OTTAWA 383 ALBERT STREET / 340 QUEEN STREET ALBERT AND LYON STREET DEVELOPMENT

GENERAL PLAN OF SERVICES

DRAWING NAME

109111-GP2