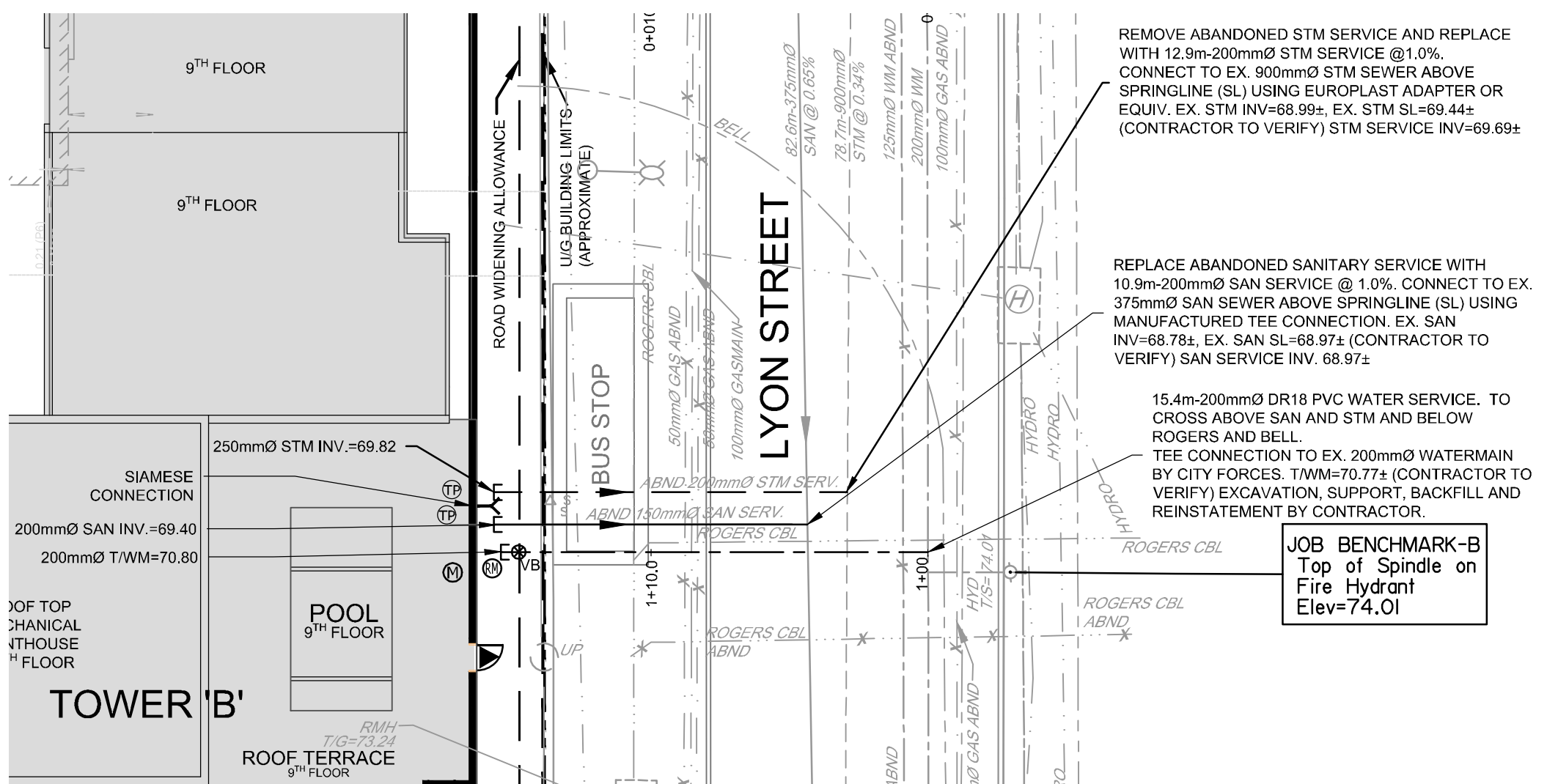
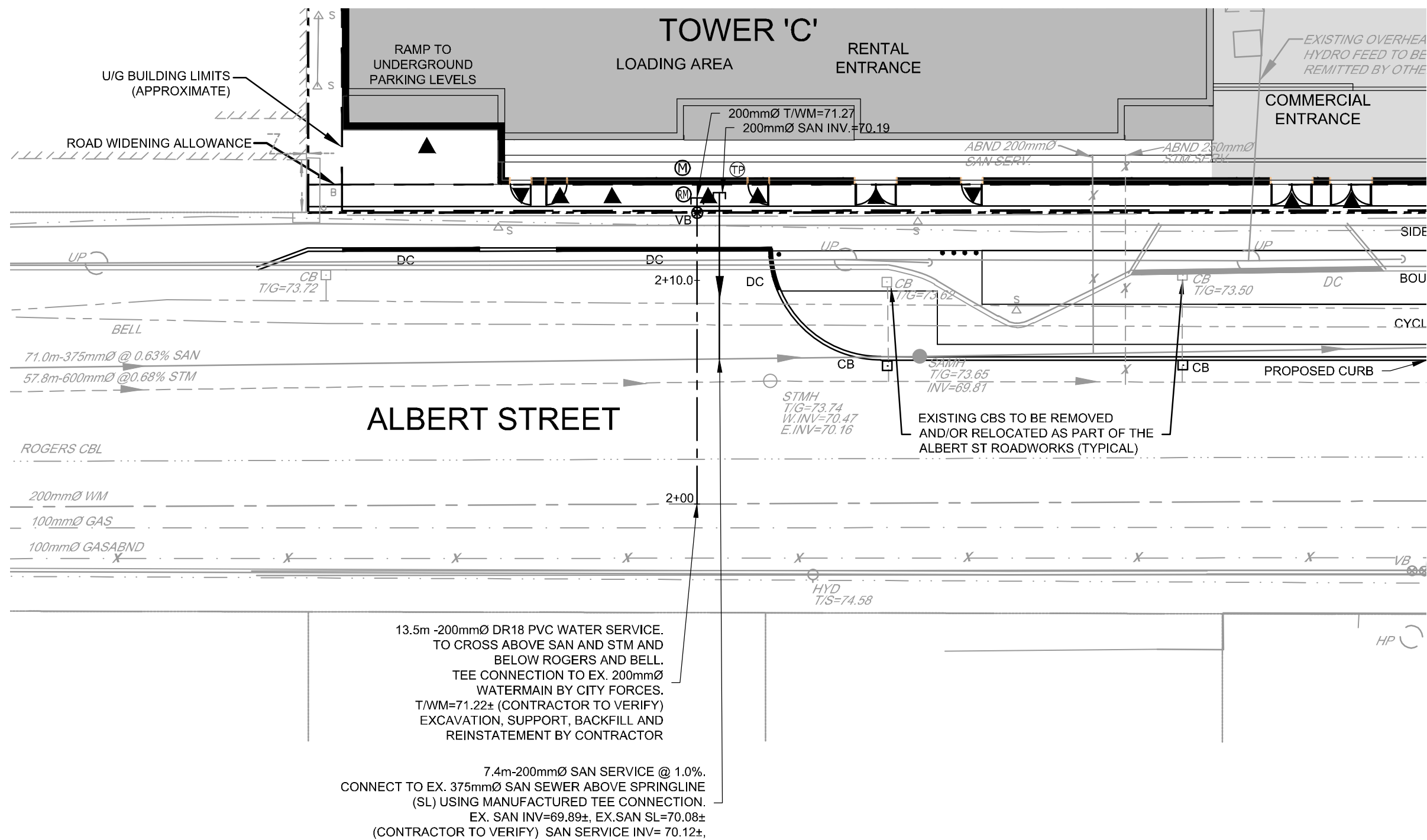


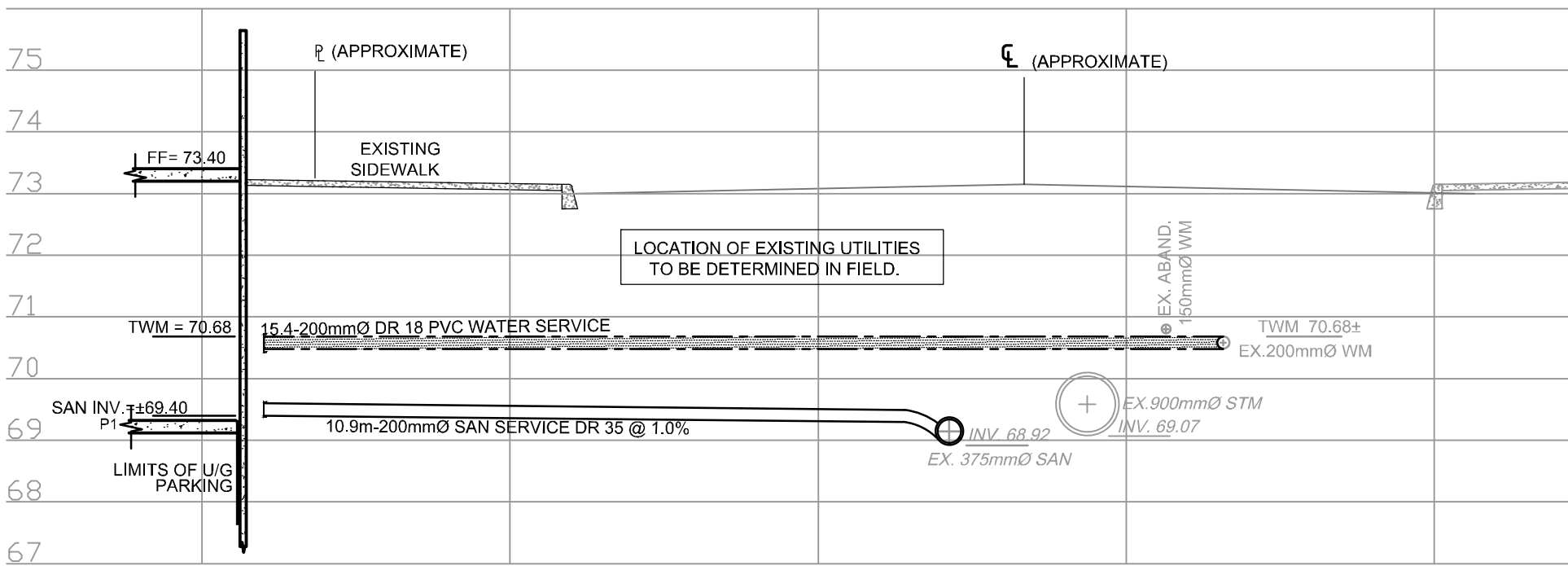
LYON STREET SERVICING TOWER 'A'
SCALE 1 : 200



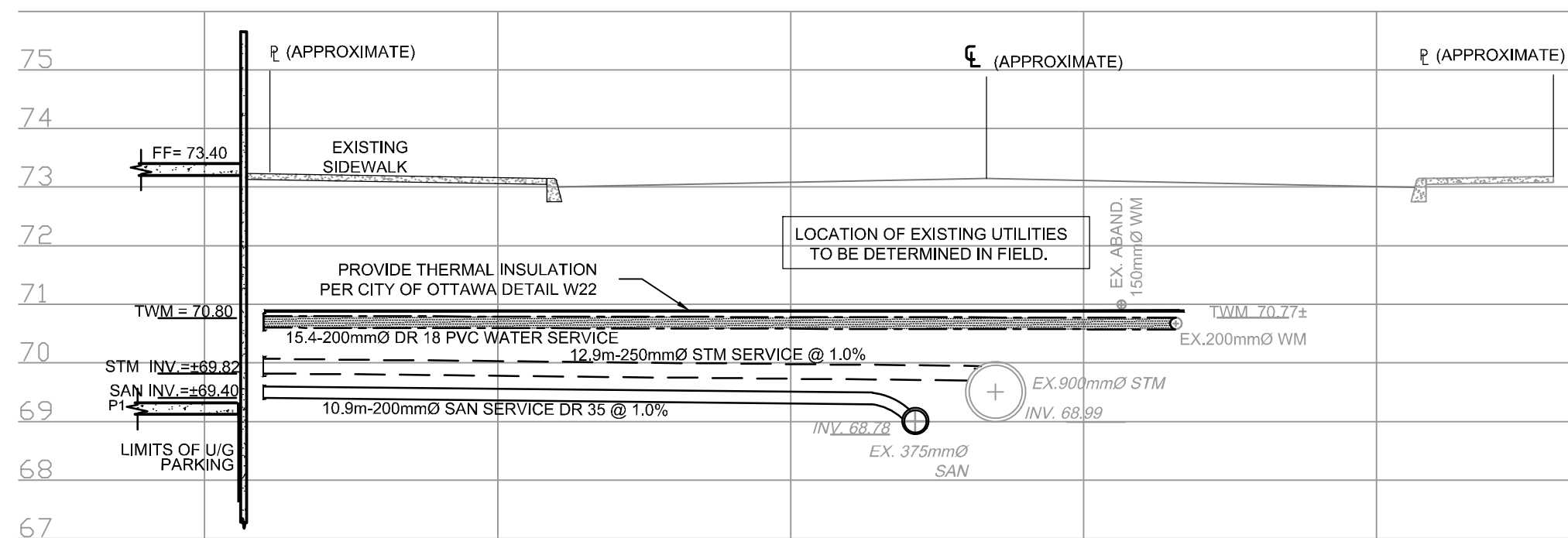
LYON STREET SERVICING TOWER 'B'
SCALE 1 : 200



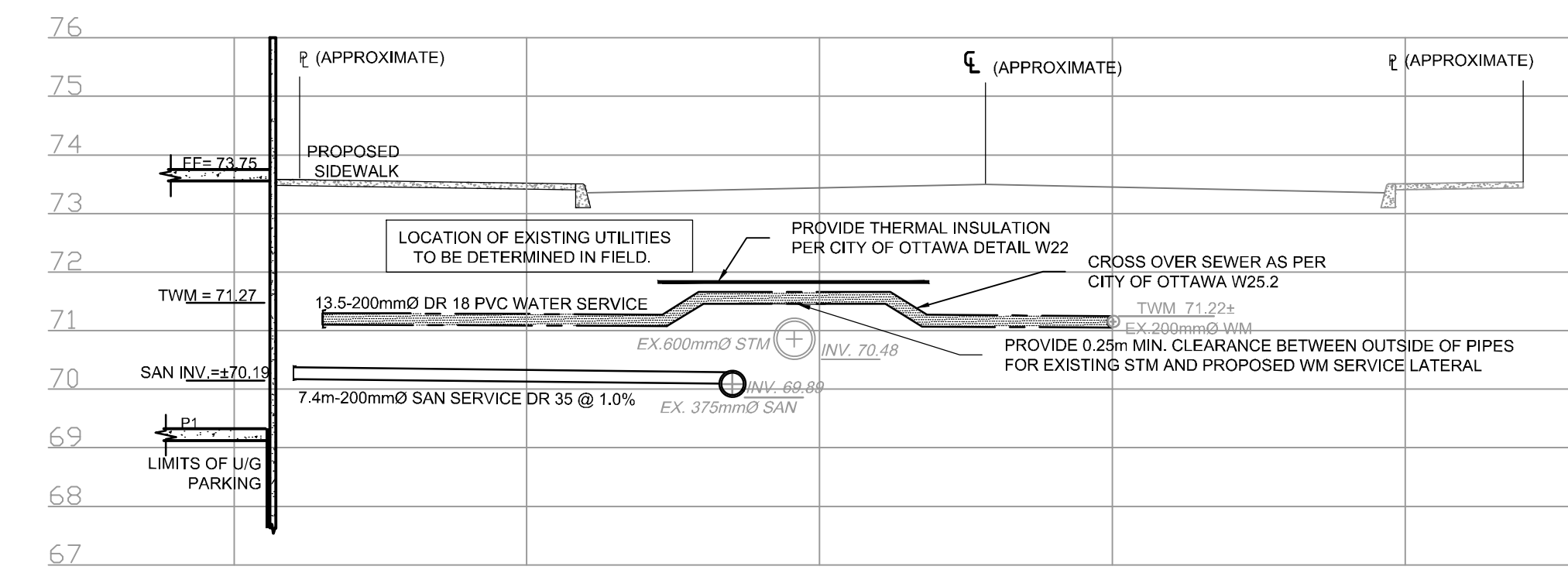
ALBERT STREET SERVICING TOWER 'C'
SCALE 1 : 200



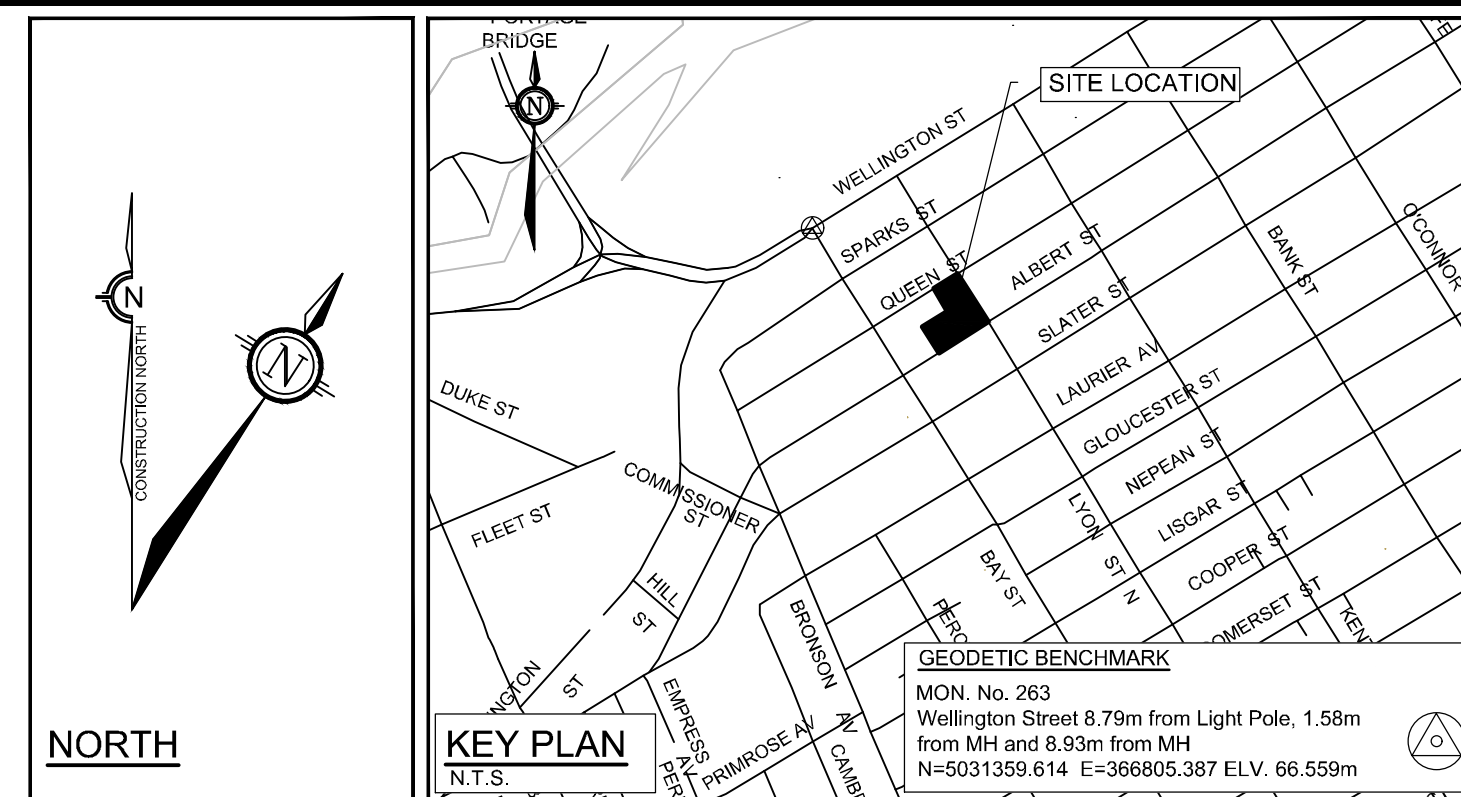
LYON STREET SERVICING PROFILE TOWER 'A'
SCALE 1 : 100



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



ALBERT STREET SERVICING PROFILE TOWER 'C'
SCALE 1 : 100



LEGEND

---	PROPERTY LINE	GV	EXISTING GAS VALVE
- - -	PROPOSED UNDERGROUND BUILDING LIMITS (APPROX.)	---	EXISTING UNDERGROUND UTILITIES CHAMBER / ATTRA / BELL / HYDRO / ROGERS / TELLU / TRAFFIC
- - -	EXISTING LEGAL ADJACENT	---	EXISTING FIBRE / OPTIC CONDUIT ATTRA / TELLU
- - -	PROPOSED WATERMAIN SERVICE CONNECTION (WITH CAP)	---	EXISTING ROGERS CABLE
- - -	PROPOSED STORM SERVICE CONNECTION (WITH CAP)	---	EXISTING GAS MAIN
- - -	PROPOSED SANITARY SERVICE CONNECTION (WITH CAP)	---	EXISTING HYDRO CONDUIT
- - -	PROPOSED FLOW DIRECTION	---	EXISTING BELL CONDUIT
- - -	PROPOSED WATER METER	---	EXISTING HYDRO / UTILITY POLE
- - -	PROPOSED STORM / SANITARY TEST PORT	---	EXISTING GUY WIRE
- - -	PROPOSED REMOTE WATER METER	---	EXISTING OVERHEAD WIRE
- - -	PROPOSED WATERMAIN SHUT OFF VALVE BOX	---	EXISTING TRAFFIC CONTROL BOX
- - -	PROPOSED SIAMESE CONNECTION	---	EXISTING VERTICAL TRAFFIC LIGHT DISCONNECT
- - -	PROPOSED LANDSCAPED CATCHBASIN	---	EXISTING TRAFFIC MANHOLE
- - -	PROPOSED CATCHBASIN	---	EXISTING ABANDONED INFRASTRUCTURE BELL / GAS / HYDRO / ROGERS
- - -	EXISTING SERVICE TO BE ABANDONED	---	EXISTING UNDERGROUND SEWERS CHAMBER - COMBINED / SANITARY / STORM
- - -	PROPOSED BUILDING ENTRANCE / EXIT	---	EXISTING FLOW DIRECTION OF SEWERS
- - -	PROPOSED FINISHED FLOOR ELEVATION	---	EXISTING COMBINED SEWER
- - -	PROPOSED TOWER	---	EXISTING SANITARY MANHOLE
- - -	EXISTING STANDARD IRON BAR / CONTROL POINT	---	EXISTING STORM MANHOLE
- - -	EXISTING DEPRESSED CURB	---	EXISTING SANITARY SEWER
- - -	EXISTING JOINT USE STREET LIGHT	---	EXISTING STORM SEWER
- - -	EXISTING TRAFFIC LIGHT	---	EXISTING STORM SEWER
- - -	EXISTING STREET LIGHT	---	EXISTING WATERMAIN VALVE CHAMBER
- - -	EXISTING BELL MANHOLE	---	EXISTING WATERMAIN SHUT OFF VALVE BOX
- - -	EXISTING HYDRO MANHOLE	---	EXISTING WATERMAIN
- - -	EXISTING JOINT TELECOMMUNICATIONS MANHOLE	---	EXISTING HYDRANT C/W LEAD & SHUT OFF VALVE BOX
- - -	EXISTING ROGERS CABLE MANHOLE	---	

NOTES:

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

PROPOSED WATER SERVICE TABLE - TOWER 'A'				
STATION	SURFACE ELEVATION	TWM 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 (±0.15m CLEARANCE)	
0+02.9	73.12±	70.68	CROSS ABOVE EX. 900mmØ STM (±0.30m 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	

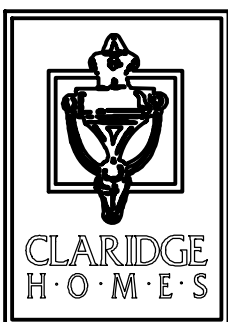
PROPOSED WATER SERVICE TABLE - TOWER 'B'				
STATION	SURFACE ELEVATION	TWM ELEVATION	COMMENTS	
1+00	73.07±	70.77± *	TEE CONNECTION TO EXISTING 200mmØ WM	
1+00.9	73.10±	70.77 **	CROSS BELOW EX. ABND 150mmØ WM (±0.15m CLEARANCE)	
1+02.9	73.13±	70.77 **	CROSS ABOVE EX. 900mmØ STM (±0.56m CLEARANCE)	
1+04.3	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	

PROPOSED WATER SERVICE TABLE - TOWER 'C'				
STATION	SURFACE ELEVATION	TWM 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.

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.

CLARIDGE HOMES
SUITE 2001,
210 GLADSTONE AVENUE,
OTTAWA, ONTARIO
K2P 0Y6.



NOT FOR
CONSTRUCTION

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

SCALE	DESIGN
AS SHOWN	LGB/FST
	GJM/FST
	MWC/LGB
	GJM/FST
	GJM

FOR REVIEW ONLY	

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Website www.novatech-eng.com

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

DRAWING NAME
GENERAL PLAN OF SERVICES

PROJECT No. 109111
REV. REV #2
DRAWING No. 109111-GP2