

----	PROPERTY LINE	○	PROPOSED STORM MANHOLE
----	PROPOSED WATERMAIN	●	PROPOSED SANITARY MANHOLE
----	PROPOSED SANITARY SEWER	□	PROPOSED CATCH BASIN
----	PROPOSED STORM SEWER	◻	PROPOSED CB 'T'
=====)	PROPOSED PERFORATED SUBDRAIN	— — — — —	BREAKS IN BUILDING SLAB FFE
VB	PROPOSED VALVE BOX	-----	OUTLINE OF PARKING GARAGE BELOW
CS	PROPOSED CURB STOP	▨	EXISTING STRUCTURAL SOIL CELL
◆—	PROPOSED FIRE HYDRANT	— 60' 0" — 60' 0" —	EXISTING OVERHEAD HYDRO
—	PROPOSED SIAMSE CONNECTION		
RM	PROPOSED REMOTE WATER METER		
U	PROPOSED WATER METER		

CONTRACTOR TO CONFIRM ELEVATIONS AND LOCATIONS OF EXISTING UNDERGROUND SERVICES AND UTILITIES WITHIN THE RIGHT OF WAY PRIOR TO INSTALLATION OF SITE SERVICING INFRASTRUCTURE.

NOT FOR CONSTRUCTION

SURVEY OF UTILITIES PROVIDED DUFRESNE PILING COMPANY LTD.
 PROJ. NO. 14263-13
 DATED AUGUST 24, 2018

SITE SERVICING AND STORMWATER MANAGEMENT STUDY
SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
PROJ. NO. 16-856
DATED AUGUST, 2018

GEOTECHNICAL REPORT
 GEOTECHNICAL INVESTIGATION PROVIDED BY PATERSON GROUP INC.
 PROJ. NO. PG4377-1 REVISION 1
 DATED AUGUST 10, 2018

6	A.W.T.	18.10.15	ISSUED FOR MUNICIPAL APPROVAL
5	G.G.M	18.09.05	ISSUED FOR MUNICIPAL REVIEW
4	G.G.M	18.08.16	ISSUED FOR BUILDING PERMIT
3	S.L.M.	18.08.02	ISSUED FOR TENDER
2	G.G.M.	18.06.20	ISSUED FOR MUNICIPAL REVIEW
1	S.L.M.	18.01.10	ISSUED FOR MUNICIPAL REVIEW
No.	BY	YY.MM.DD	DESCRIPTION

PROJECT NO. 16-856	303#16-856	
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SITE SERVICING PLAN
890-900 BANK STREET

© DSEL

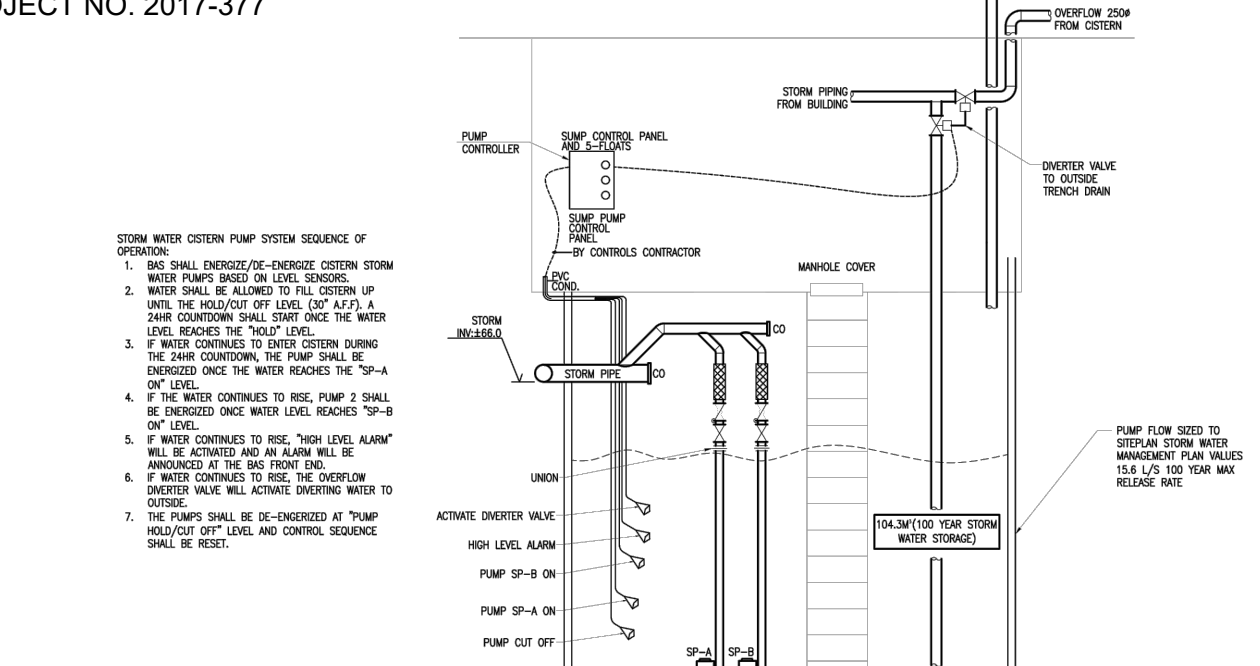
SOUTHBOUND DEVELOPMENTS INC.

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DRAWN BY: A.W.T		CHECKED BY: A.D.F	DRAWING NO.	SHEET NO.
DESIGNED BY: S.L.M.		CHECKED BY: A.D.F.	SSP-1	3 of 4
SCALE:	1:250	DATE: AUGUST 2018		

CISTERN DETAIL EXTRACTED FROM MECHANICAL
PLUMBING PARKING LEVEL DRAWING (M202) PREPARED
BY GOODKEY WEEDMARK CONSULTING ENGINEERS,
DATED OCTOBER 2018,
PROJECT NO. 2017-377



1 STORM WATER CISTERN DETAIL

[illegible]

1. ALL WATERMAIN INSTALLATION SHALL CONFORM TO THE LATEST REVISIONS OF THE CITY OF OTTAWA AND THE ONTARIO PROVINCIAL STANDARD DRAWINGS (SPSD) AND SPECIFICATIONS (SPSS).
2. ALL WATERMAIN SHALL BE ANNA C-900 CLASS 150, SDR 18 OR APPROVED EQUIVALENT.
3. WATERMAIN TRENCH AND BEDDING SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD W21, UNLESS SPECIFIED OTHERWISE.
4. ALL PVC WATERMAINS SHALL BE INSTALLED WITH A 10 GAUGE STRANDED COPPER TUB OR RWI TRACER WIRE IN ACCORDANCE WITH CITY OF OTTAWA STD. W-36.
5. CATHODIC PROTECTION IS REQUIRED ON ALL METALLIC FITTINGS PER CITY OF OTTAWA STD. W23 AND W40 AND W42.
6. VALVE BOXES SHALL BE INSTALLED PER CITY OF OTTAWA STD. W24.
7. WATERMAIN IN FILL AREAS TO BE INSTALLED WITH RESTRAINED JOINTS PER CITY OF OTTAWA STD. W25.5 AND W25.6.
8. THROUGH BURIED WATERMAINS TO BE INSTALLED PER CITY OF OTTAWA STD. W25.5 AND W25.6.
9. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY COPS, PLUGS, BLOW-OFFS, AND NOZZLES REQUIRED FOR TESTING AND DISINFECTION OF WATERMAINS.
10. WATERMAIN CROSSING OVER AND BELOW SEWERS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STD. W25.2 AND W25, RESPECTIVELY.
11. WATER SERVICES ARE TO BE INSULATED PER CITY STD. W23 WHERE SEPARATION BETWEEN SERVICES AND MAINTENANCE HOLES ARE LESS THAN 150mm.
12. THE MINIMUM VERTICAL CLEARANCE BETWEEN WATERMAIN AND SEWER / UTILITY IS 0.50m: PER ROE GUIDELINES. FOR CROSSING UNDER WATERMAINS, THE MINIMUM VERTICAL CLEARANCE BETWEEN WATERMAIN AND SEWER / UTILITY SHALL BE 0.75m PER ROE GUIDELINES. THE LENGTH OF WATER PIPE SHALL BE CENTRED AT THE POINT OF CROSSING SUCH THAT THE JOINTS WILL BE EQUIDISTANT AND AS FAR FROM THE CROSSING AS POSSIBLE.
13. ALL WATERMAINS SHALL HAVE A MINIMUM COVER OF 2.4m, OTHERWISE THERMAL INSULATION IS REQUIRED AS PER STD W02 W22.
14. GENERAL WATER PLANT TO UTILITY CLEARANCE AS PER STD R20
15. ALL WATERMAIN SHALL BE PROTECTED BY AN OVERHEAD PROTECTIVE FLANGE ELEVATIONS TO BE INSTALLED 0.10m ABOVE PROPOSED FINISHED GRADE AT UTILITY: PIPE UTILITY LOCATION AS PER STD W02 W19 UNLESS OTHERWISE NOTED.
16. BUILDING FOUNDATION TO BE CAPPPED 1.0m OFF THE FACE OF THE BUILDING UNLESS OTHERWISE NOTED AND MUST BE RESTRAINED A MINIMUM OF 12m BACK FROM FOUNDATION.
17. ALL WATERMAINS SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH THE CITY OF OTTAWA AND ONTARIO GUIDELINES UNLESS OTHERWISE NOTED.
18. ALL WATERMAINS SHALL BE BACTERIOLOGICALLY TESTED IN ACCORDANCE WITH THE CITY OF OTTAWA AND ONTARIO GUIDELINES, ALL WATERMAINS SHALL BE DISINFECTED AND PROTECTED BY AN OVERHEAD PROTECTIVE FLANGE ELEVATIONS TO BE INSTALLED 0.10m ABOVE PROPOSED FINISHED GRADE AT UTILITY: PIPE UTILITY LOCATION AS PER STD W02 W19 UNLESS OTHERWISE NOTED.
19. ALL WATERMAIN STUBS SHALL BE TERMINATED WITH A PLUG AND 50mm Blow Off UNLESS OTHERWISE NOTED.

SANITARY

11. ALL SANITARY SEWER INSTALLATION SHALL CONFORM TO THE LATEST REVISIONS OF THE CITY OF OTTAWA AND THE ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) AND SPECIFICATIONS (OPSS).

12. ALL SANITARY GRAVITY SEWER SHALL BE PVC 300 JS, 16" PEY "RING-TITE" (OR APPROVED EQUIVALENT) PER CSA STANDARD B182.0 LATEST AMENDMENT, UNLESS SPECIFIED OTHERWISE.

13. EXISTING MAINTENANCE STRUCTURES TO BE RE-BEDDING WHERE A NEW CONNECTION IS MADE.

14. SANITARY GRAVITY SEWER TRENCH AND BEDDING SHALL BE PER CITY OF OTTAWA STD. 56 AND S7, CLASS "B" BEDDING, UNLESS SPECIFIED OTHERWISE.

15. SANITARY MAINTENANCE STRUCTURE FRAME AND COVERS SHALL BE PER CITY OF OTTAWA STD. S24 AND S25.

16. SANITARY MAINTENANCE STRUCTURES SHALL BE BEDDING PER OPSD 701.021.

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