CATCHBASIN/CATCHBASIN MANHOLE AND ICD DATA TABLE

STRUCTURE ID	AREA ID	STRUCTURE	COVER	TOP OF GRATE	INVERT			DIAMTER	TYPE	HEAD	FLOW	ICD TYPE
					INLET	INLET	OUTLET	(mm)		(m)	(l/s)	
PARCEL 1												
CB101	A101,A-EXT3	OPSD 705.010	S19.1	105.05			102.812	300	PVC SDR-35			
CBMH105	A102	OPSD 701.010	S28.1	104.95			102.656	102.506	450	PVC SDR-35			
CBMH106	A103	OPSD 701.010	S28.1	104.85			102.416	102.266	600	CONC. CL 100-D			
CBMH107	A104	OPSD 701.010	S28.1	104.75			102.203	102.183	600	CONC. CL 100-D			
CBMH108		OPSD 701.011	S28.1	104.88			102.157	102.097	600	CONC. CL 100-D			
CBMH109		OPSD 701.011	S28.1	104.89			101.789	101.729	600	CONC. CL 100-D	1.51	52	150mm Dia.
CBMH111	A111	OPSD 701.011	S28.1	104.75			101.649	101.574	675	CONC. CL 100-D			
RYCB103	A105,A-EXT1	OPSD 705.010	S19.1	104.81			103.610	102.097	375	PVC SDR-35			
DICB102	A112,A-EXT2	OPSD 705.010	OPSD 403.010	105.19				103.053	200	PVC SDR-35			
PARCEL 2												
CB201	B201	OPSD 705.010	S19.1	103.99				101.740	250	PVC SDR-35			
CBMH203	B202	OPSD 701.010	S28.1	103.87			101.548	101.528	250	PVC SDR-35			
CBMH206	B203	OPSD 701.010	S28.1	103.47			100.405	100.385	300	PVC SDR-35			
CBMH207	B204	OPSD 701.010	S28.1	103.11			100.216	100.196	300	PVC SDR-35			
CBMH210		OPSD 701.010	S28.1	101.79			99.367	99.307	300	PVC SDR-35	1.94	28.6	110mm Dia.
CB202	B205	OPSD 705.010	S19.1	104.16				101.960	200	PVC SDR-35			
CB203	B211	OPSD 705.010	S19.1	101.65				99.369	200	PVC SDR-35			
DICB204	B-EXT1,B201	OPSD 705.010	OPSD 403.010	104.00				101.800	200	PVC SDR-35			

STORM STRUCTURE TABLE

STRUCTURE ID	TOP OF GRATE	INVERT				DESCRIPTION		
		INLET	INLET	INLET	OUTLET	SIZE	OPSD	COVER
PARCEL 1								
CB101	105.05				102.812	600X600mm	OPSD 705.010	S19.1
DICB102	105.19				103.053	600X600mm	OPSD 705.010	OPSD 403.010
RYCB103	104.81				103.628	600X600mm	OPSD 705.010	S19.1
STMH101	105.25			102.899	102.839	1200mm DIA.	OPSD 701.010	S24.1
STMH102	105.07			102.600	102.570	1200mm DIA.	OPSD 701.010	S24.1
STMH103	104.91			102.299	102.279	1200mm DIA.	OPSD 701.010	S24.1
STMH104	104.85		102.047	103.063	101.997	1200mm DIA.	OPSD 701.010	S24.1
CBMH105	104.95			102.656	102.506	1200mm DIA.	OPSD 701.010	S28.1
CBMH106	104.85			102.416	102.266	1200mm DIA.	OPSD 701.010	S28.1
CBMH107	104.75			102.203	102.183	1200mm DIA.	OPSD 701.010	S28.1
CBMH108	104.88			102.157	102.097	1500mm DIA.	OPSD 701.011	S28.1
CBMH109	104.89			101.789	101.729	1500mm DIA.	OPSD 701.011	S28.1
STMH110	104.91		102.535	101.726	101.666	1500mm DIA.	OPSD 701.011	S24.1
CBMH111	104.75			101.649	101.574	1500mm DIA.	OPSD 701.011	S28.1
STMH112	104.9		101.545	101.957	101.957	1800mm DIA.	OPSD 701.012	S24.1
PARCEL 2								
CB201	103.99				101.740	600X600mm	OPSD 705.010	S19.1
CB202	104.16				101.960	600X600mm	OPSD 705.010	S19.1
CB203	101.65				99.369	600X600mm	OPSD 705.010	S19.1
DICB204	104.00				101.800	600X600mm	OPSD 705.010	OPSD 403.010
STMH201	104.12			101.737	101.120	1200mm DIA.	OPSD 701.010	S24.1
STMH202	103.39			100.775	100.715	1200mm DIA.	OPSD 701.010	S24.1
CBMH203	103.87			101.548	101.528	1200mm DIA.	OPSD 701.010	S28.1
STMH204	104.49			101.017	100.997	1200mm DIA.	OPSD 701.010	S24.1
STMH205	104.01		100.892	101.430	100.495	1200mm DIA.	OPSD 701.010	S24.1
CBMH206	103.47			100.405	100.385	1200mm DIA.	OPSD 701.010	S28.1
CBMH207	103.11			100.216	100.196	1200mm DIA.	OPSD 701.010	S28.1
STMH208	103.31			100.113	100.053	1200mm DIA.	OPSD 701.010	S24.1
STMH209	102.38			99.732	99.712	1200mm DIA.	OPSD 701.010	S24.1
CBMH210	101.79			99.367	99.307	1200mm DIA.	OPSD 701.010	S28.1
STMH211	101.74	99.283	99.333	99.293	99.233	1200mm DIA.	OPSD 701.010	S24.1
STMH212	101.85		98.947	98.887	98.887	1200mm DIA.	OPSD 701.010	S24.1

SAN STRUCTURE TABLE

STRUCTURE ID	TOP OF GRATE	INVERT				DESCRIPTION		
	ELEVATION	INLET	INLET	INLET	OUTLET	SIZE	OPSD	COVER
PARCEL 1								
SAMH101	104.88				102.925	1200mm DIA.	OPSD-701.010	S24
SAMH102	104.95			102.583	102.563	1200mm DIA.	OPSD-701.010	S24
SAMH103	105.08			102.337	102.317	1200mm DIA.	OPSD-701.010	S24
SAMH104	105.55			102.110	102.050	1200mm DIA.	OPSD-701.010	S24
SAMH105	106.07			101.972	101.970	1200mm DIA.	OPSD-701.010	S24
PARCEL 2								
SAMH201	104.16				100.682	1200mm DIA.	OPSD-701.010	S24
SAMH202	103.95			100.143	100.123	1200mm DIA.	OPSD-701.010	S24
SAMH203	103.22			99.463	99.403	1200mm DIA.	OPSD-701.010	S24
SAMH204	102.47			98.960	98.940	1200mm DIA.	OPSD-701.010	S24
SAMH205	101.89		98.725	98.685	98.665	1200mm DIA.	OPSD-701.010	S24

WATERMAIN SCHEDULE - PARCEL 1

STATION	DESCRIPTION	FINISHED GRADE	TOP OF WATERMAIN	AS-BUILT WATERMAIN
200mm W/M Looping				
0+000	Connect to Ex. 305mm W/M WITH 300x200 TEE	105.000		102.600
0+013.24	Crossing Ex. 750mm STM	105.051	101.661	
0+016.37	Crossing Ex. 250mm SAN	105.330	102.220	
0+024.90	DMA Chamber as per W3	105.197	102.797	
0+043.38	45° Bend	105.046	102.646	
0+044.38	150x200 TEE*	105.067	102.667	
0+046.03	45° Bend	104.896	102.496	
0+051.05	200mm VB	104.896	102.496	
0+053.05	200x200 TEE**	104.895	102.495	
0+135.60	150x200 TEE***	105.125	102.725	
0+164.74	11.25° Bend	105.154	102.754	
0+214.20	200mm VB	105.301	102.901	
0+216.70	200x200 TEE****	105.312	102.912	
0+219.16	45° Bend	105.325	102.925	
0+220.56	45° Bend	105.365	102.965	
0+221.60	150x200 TEE*****	105.511	103.111	
0+240.79	200mm V&VB	106.100	103.700	
0+249.19	Crossing Ex. 250mm SAN	105.980	103.580	
0+265.89	Connect to Ex. 305mm W/M	105.375		102.975
***From 150x200 TEE to Proposed F/HYD (West Private Hydrant)**				
0+000	150x200 TEE*	105.067	102.667	
0+001.66	150mm VB	105.024	102.624	
0+003.20	Proposed F/HYD	104.977	102.577	
****From 200x200 TEE to 200mm w/m Stub (Building A Water Service)**				
0+000	200x200 TEE**	104.895	102.495	
0+001.28	200mm VB	104.856	102.456	
0+002.10	Crossing 200mmØ PVC SAN	104.837	102.437	
0+003.60	Crossing 250mmØ CONC STM	104.830	101.758	
0+004.60	Crossing 600mmØ CONC STM	104.830	101.716	
0+005.96	200mm W/M STUB	104.845	102.445	
*****From 150x200 TEE to Proposed F/HYD (Middle Private Hydrant)**				
0+000	150x200 TEE***	105.125	102.725	
0+000.50	150mm V & VB	105.121	102.721	
0+001.00	Proposed F/HYD	105.117	102.717	
******From 200x200 TEE to 200mm w/m Stub (Building B Water Service)**				
0+000	200x200 TEE****	105.312	102.912	
0+002.00	Crossing 200mmØ PVC SAN	105.271	102.871	
0+003.50	Crossing 250mmØ PVC STM	105.242	102.529	
0+008.79	200mm VB	104.828	102.428	
0+010.72	200mm W/M STUB	105.213	102.813	
*******From 150x200 TEE to Proposed F/HYD (East Private Hydrant)**				
0+000	150x200 TEE*****	105.511	103.111	
0+001.18	150mm V & VB	105.561	103.161	
0+002.00	Crossing 200mmØ PVC SAN	105.596	103.196	
0+003.25	Proposed F/HYD	105.648	103.248	

WATERMAIN SCHEDULE - PARCEL 2

STATION	DESCRIPTION	FINISHED GRADE	TOP OF WATERMAIN	AS-BUILT WATERMAIN
200mm W/M Looping				
0+000	Connect to Ex. 305mm W/M WITH 300x200 TEE	104.976		102.576
0+024.62	DMA Chamber as per W3	105.331	102.931	
0+050.79	45° Bend	104.280	101.484	
0+051.20	Crossing 200mmØ PVC STM	104.297	101.484	
0+057.95	45° Bend	104.295	101.895	
0+082.17	Crossing 300mmØ PVC STM	104.106	101.706	
0+095.07	200mm VB	103.918	101.518	
0+097.07	200x200 TEE*	103.829	101.429	
0+099.07	200mm VB	103.748	101.348	
0+135.67	Crossing 300mmØ PVC STM	103.260	100.860	
0+136.67	Crossing 250mmØ PVC STM	103.244	100.262	
0+138.17	Crossing 200mmØ PVC SAN	103.190	100.790	
0+138.77	200mm V&VB	103.170	100.770	
0+153.49	Connect to Ex. 203mm W/M	103.180		100.780
***From 200x200 TEE to 200mm w/m Stub (Building C Water Service)**				
0+000	200x200 TEE*	103.829	101.429	
0+005.26	150x200 TEE**	104.003	101.603	
0+013.18	22.5° Bend	104.467	102.067	
0+020.26	200mm VB	104.559	102.159	
0+021.59	200mm W/M STUB	104.613	102.213	
****From 150x200 TEE to Proposed F/HYD (Middle Private Hydrant)**				
0+000	150x200 TEE**	104.003	101.603	
0+001.16	150mm V & VB	104.033	101.633	
0+002.98	Proposed F/HYD	104.130	101.730	

PIPE CROSSING TABLE - PARCEL 1

		Obvert			Invert	
1	200mmØ W/M	101.661	0.300	Clearance Under	101.961	750mmØ CONC STM
2	200mmØ W/M	102.220	0.300	Clearance Under	102.520	*EXISTING 250mmØ PVC SAN*
3	*EXISTING 250mmØ PVC SAN*	102.780	0.150	Clearance Under	102.930	650mmØ CONC STM
4	600mmØ CONC STM	102.762	0.311	Clearance Under	103.073	300mmØ PVC STM
5	200mmØ W/M	102.437	0.446	Clearance Under	102.883	200mmØ PVC SAN
6	200mmØ W/M	101.758	0.300	Clearance Under	102.058	250mmØ PVC STM
7	200mmØ W/M	101.716	0.451	Clearance Under	102.167	600mmØ CONC STM
8	200mmØ PVC SAN	102.356	0.460	Clearance Under	102.816	250mmØ PVC STM
9	200mmØ PVC SAN	102.330	0.341	Clearance Under	102.671	200mmØ W/M
10	200mmØ W/M	102.529	0.300	Clearance Under	102.829	250mmØ PVC STM
11	200mmØ PVC SAN	102.235	0.811	Clearance Under	103.046	150mmØ W/M
12	*EXISTING 250mmØ PVC SAN*	102.190	1.390	Clearance Under	103.580	200mmØ W/M

PIPE CROSSING TABLE - PARCEL 2

		Obvert			Invert	
13	200mmØ W/M	101.484	0.300	Clearance Under	101.784	200mmØ PVC STM
14	200mmØ PVC SAN	100.366	0.534	Clearance Under	100.900	300mmØ PVC STM
15	300mmØ PVC STM	101.216	0.290	Clearance Under	101.506	200mmØ W/M
16	200mmØ PVC SAN	99.701	0.338	Clearance Under	100.039	300mmØ PVC STM
17	300mmØ PVC STM	100.318	0.342	Clearance Under	100.660	200mmØ W/M
18	200mmØ PVC SAN	99.686	0.938	Clearance Under	100.624	250mmØ PVC STM
19	200mmØ W/M	100.262	0.300	Clearance Under	100.562	250mmØ PVC STM
20	200mmØ PVC SAN	99.573	1.017	Clearance Under	100.590	200mmØ W/M
21	200mmØ PVC SAN	98.981	0.312	Clearance Under	99.293	300mmØ PVC STM
22	200mmØ PVC SAN	98.923	0.362	Clearance Under	99.285	250mmØ PVC STM

GENERAL NOTES:

THE ENGINEER WAIVES ANY AND ALL RESPONSIBILITY AND LIABILITY FOR PROBLEMS WHICH ARISE FROM FAILURE TO FOLLOW THE PLANS, SPECIFICATIONS AND THE DESIGN INTENT THEY CONVEY, OR FOR PROBLEMS WHICH ARISE FROM OTHERS' FAILURE TO OBTAIN AND/OR FOLLOW THE ENGINEER'S GUIDANCE WITH RESPECT TO ANY ERRORS, OMISSIONS, INCONSISTENCIES AMBIGUITIES OR CONFLICTS WHICH ARE ALLEGED.

CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES BEFORE WORK COMMENCES. DO NOT SCALE DRAWINGS.

KEY PLAN
(N.T.S)

No.	REVISIONS	BY	DATE
01	ISSUED FOR SPA	D.Y.	2020-12-04

HORIZONTAL SCALE:
5m 2 0 5 10m
SCALE: 1:300

DISTANCES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

REGISTERED PROFESSIONAL ENGINEER
D. B. YANG
100230568
2020-12-04
PROVINCE OF ONTARIO

REGISTERED PROFESSIONAL ENGINEER
I. M. JAFFERJEE
100164153
2020-12-04
PROVINCE OF ONTARIO

NOT VALID UNLESS SIGNED AND DATED

2611 Queensview Dr. Ottawa, ON Canada K2B 8K2
t: 613.829.2800 f: 613.829.8299 www.wspgroup.com

CLIENT

BHG BAYVIEW HOSPITALITY GROUP

SAI SAPLYS ARCHITECTS | API | FABIANI

ANNIS,O'SULLIVAN, VOLLEBEKK
Ontario Land Surveyors
14 CONCOURSE GATE, SUITE 500, NEPEAN, ONTARIO, K2E 7S6
TEL.(613)727-0850 FAX(613)727-1079

DESIGNED BY:	DRAWN BY:	APPROVED BY:
D.Y.	D.Y.	D.Y./I.J.

PROJECT

6301 CAMPEAU DRIVE
RESIDENTIAL DEVELOPMENT

DRAWING TITLE

NOTES AND DETAILS - 2

PROJECT NO. 201-03048-00

DRAWING NO. C01B

D07-XX-XX-XXXX

#XXXX

FILENAME: V:\10-13 MLD - 2020 Projects\201-03048-00 - 6301 Campeau Drive\3. Drawings\Working drawings\Working drawings\201-03048.00_C.dwg
PLOTDATE: Dec 04, 2020 - 3:25pm, carwj69741