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Legend

	PROPOSED WATERMAIN
	PROPOSED VALVE AND VALVE BOX
	PROPOSED VALVE CHAMBER
	PROPOSED REDUCER
	PROPOSED FIRE HYDRANT
	PROPOSED SANITARY SEWER
	PROPOSED STORM SEWER
	PROPOSED CATCHBASIN MANHOLE
	PROPOSED CATCHBASIN
	PROPOSED SUBDRAIN CATCHBASIN
	EXISTING WATERMAIN
	EXISTING VALVE AND VALVE BOX
	EXISTING VALVE CHAMBER
	EXISTING FIRE HYDRANT
	EXISTING SANITARY SEWER
	EXISTING STORM SEWER
	EXISTING CATCHBASIN
	EXISTING SUBDRAIN CATCHBASIN
	CIRCULAR ORIFICE (SEE DWG SD-1)

BUILDING SERVICES

	150mm $\varnothing$ SANITARY SEWER PVC SDR 26 @ 1% MIN 3 x 19mm $\varnothing$ PER WATER SERVICE C/W CURB STOP AND SERVICE POST PER STACK UNLESS OTHERWISE SHOWN 200mm $\varnothing$ STORM SERVICE PVC SDR 26 @ 1% MIN
	0.6m BEHIND BACK OF CURB/SIDEWALK AS SHOWN ON PLAN

Notes

- EXISTING SERVICING AND UTILITY INFORMATION SHOWN IS APPROXIMATE. SITE CONDITION, LOCATION, AND ELEVATION OF EXISTING SERVICES AND UTILITIES TO BE CONFIRMED BY THE CONTRACTOR PRIOR TO CONSTRUCTION AND ANY CONFLICTS WITH EXISTING SERVICING MUST BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WITH CONSTRUCTION. INFORMATION HAS BEEN OBTAINED FROM RAINCOCK CRESENT PLAN AND PROFILE SHEET 32 OF TRAILS EDGE WEST SUBDIVISION DATED JANUARY 15, 2015.

3	REVISED AS PER CITY COMMENTS	WAJ	SGG	25.05.26
2	REVISED SITE PLAN	WAJ	SGG	25.01.06
1	ISSUED FOR REVIEW	WAJ	SGG	24.11.04
Revision		By	Appd.	YY.MM.DD

File Name:	160401759-D8.dwg	WAJ	SGG	WAJ	24.09.03
		Dwn.	Chkd.	Dsgn.	YY.MM.DD

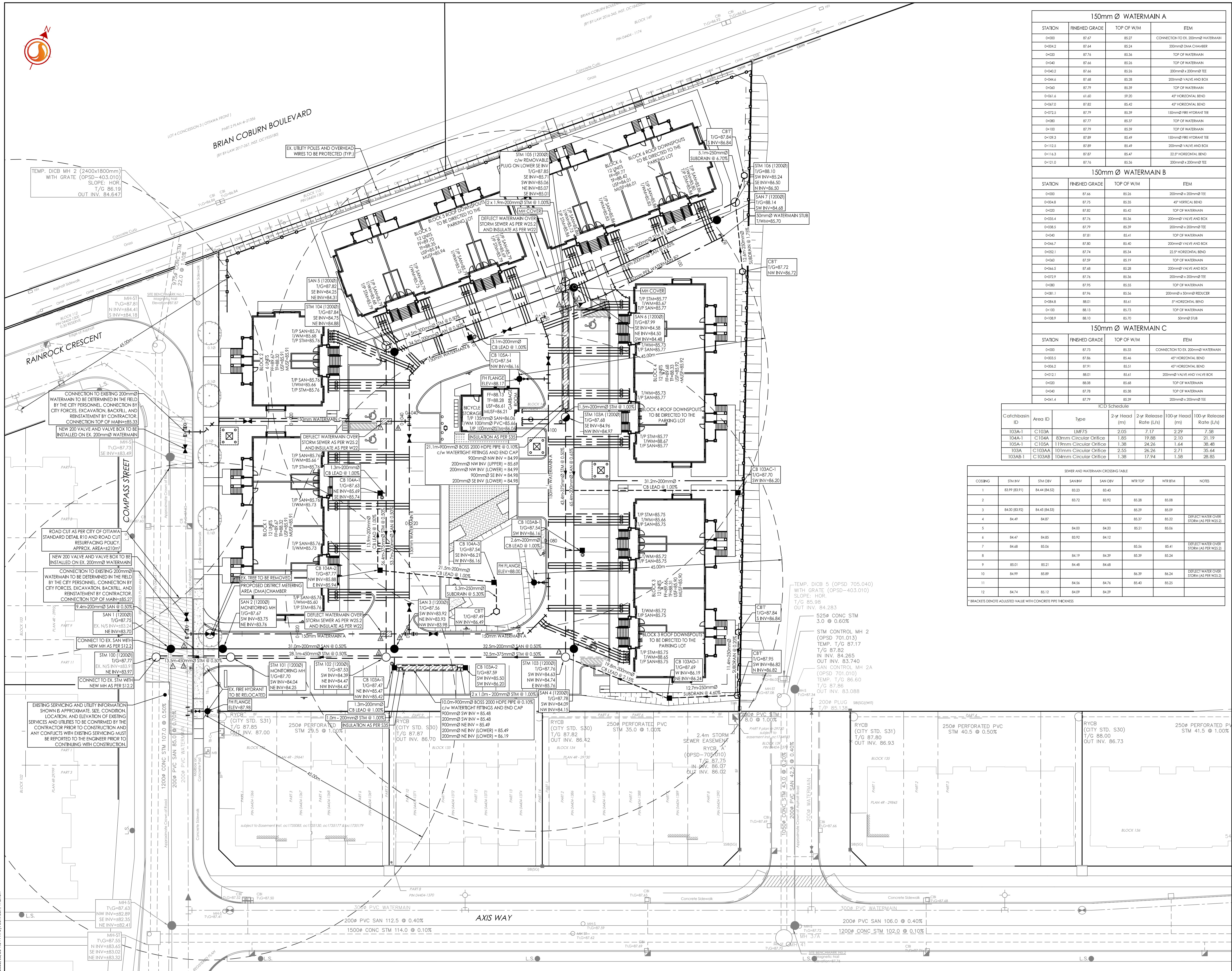
Permit-Seal

Client/Project
RICH CRAFT HOMES LTD.

640 COMPASS STREET
BLOCK 140
OTTAWA, ON

Title
SITE SERVICING PLAN

Project No.	Scale	0 3 9 15m
160401759	1:300	
Drawing No.	Sheet	Revision
SSP-1		



150mm $\varnothing$ WATERMAIN A			
STATION	FINISHED GRADE	TOP OF W/M	ITEM
D+00	87.67	85.27	CONNECTION TO EX. 200mm $\varnothing$ WATERMAIN
D+04.2	87.64	85.24	200mm $\varnothing$ DIA. CHAMBER
D+020	87.76	85.36	TOP OF WATERMAIN
D+040	87.66	85.26	TOP OF WATERMAIN
D+040.2	87.66	85.26	200mm $\varnothing$ x 200mm $\varnothing$ TEE
D+044.6	87.68	85.28	200mm $\varnothing$ VALVE AND BOX
D+060	87.79	85.39	TOP OF WATERMAIN
D+061.6	87.82	85.42	45 $^{\circ}$ HORIZONTAL BEND
D+067.0	87.82	85.42	45 $^{\circ}$ HORIZONTAL BEND
D+073.5	87.79	85.39	150mm $\varnothing$ FIRE HYDRANT TEE
D+080	87.77	85.37	TOP OF WATERMAIN
D+100	87.79	85.39	TOP OF WATERMAIN
D+109.3	87.89	85.49	150mm $\varnothing$ FIRE HYDRANT TEE
D+112.5	87.89	85.49	200mm $\varnothing$ VALVE AND BOX
D+114.3	87.87	85.47	22.5 $^{\circ}$ HORIZONTAL BEND
D+121.0	87.76	85.36	200mm $\varnothing$ x 200mm $\varnothing$ TEE

150mm $\varnothing$ WATERMAIN B			
STATION	FINISHED GRADE	TOP OF W/M	ITEM
D+00	87.66	85.26	200mm $\varnothing$ x 200mm $\varnothing$ TEE
D+004.8	87.75	85.35	45 $^{\circ}$ VERTICAL BEND
D+020	87.82	85.42	TOP OF WATERMAIN
D+035.4	87.76	85.36	200mm $\varnothing$ VALVE AND BOX
D+038.5	87.79	85.39	200mm $\varnothing$ x 200mm $\varnothing$ TEE
D+040	87.81	85.41	TOP OF WATERMAIN
D+046.7	87.80	85.40	200mm $\varnothing$ VALVE AND BOX
D+052.1	87.74	85.34	22.5 $^{\circ}$ HORIZONTAL BEND
D+060	87.59	85.19	TOP OF WATERMAIN
D+066.5	87.68	85.28	200mm $\varnothing$ VALVE AND BOX
D+072.9	87.76	85.36	200mm $\varnothing$ x 200mm $\varnothing$ TEE
D+080	87.95	85.55	TOP OF WATERMAIN
D+081.1	87.96	85.56	200mm $\varnothing$ x 50mm $\varnothing$ REDUCER
D+084.8	88.01	85.61	9 $^{\circ}$ HORIZONTAL BEND
D+100	88.13	85.73	TOP OF WATERMAIN
D+108.9	88.10	85.70	50mm $\varnothing$ STUB

150mm $\varnothing$ WATERMAIN C			
STATION	FINISHED GRADE	TOP OF W/M	ITEM
D+00	87.73	85.33	CONNECTION TO EX. 200mm $\varnothing$ WATERMAIN
D+003.5	87.86	85.46	45 $^{\circ}$ HORIZONTAL BEND
D+004.2	87.91	85.51	45 $^{\circ}$ HORIZONTAL BEND
D+012.1	88.01	85.61	200mm $\varnothing$ VALVE AND VALVE BOX
D+020	88.08	85.68	TOP OF WATERMAIN
D+040	87.78	85.38	TOP OF WATERMAIN
D+041.4	87.79	85.39	200mm $\varnothing$ x 200mm $\varnothing$ TEE

Catchbasin ID	Area ID	Type	2-y Head (m)	2-y Release Rate (L/s)	100-y Head (m)	100-y Release Rate (L/s)
103A-1	C103A	LMF75	2.05	7.17	2.27	7.38
103A-1	C104A	83mm Circular Office	1.85	19.88	2.10	21.19
103A-1	C105A	119mm Circular Office	1.38	24.26	1.64	38.46
103A	C103AA	101mm Circular Office	2.55	26.26	2.71	35.64
103A-1	C103AB	104mm Circular Office	1.38	17.94	1.58	28.85

SEWER AND WATERMAIN CROSSING TABLE							
CROSSING	STM INV.	STM OBV.	SAN INV.	SAN OBV.	WTR TOP	WTR Btm	NOTES
1	83.99 (83.91)	84.44 (84.52)	83.23	83.43			
2			83.72	83.92	85.28	85.08	
3	84.00 (83.92)	84.45 (84.53)			85.29	85.09	
4	84.49	84.87			85.37	85.22	DEFLECT WATER OVER STORM (AS PER W25.2)
5			84.00	84.20	85.21	85.06	
6	84.47	84.85	83.92	84.12			
7	84.68	85.06			85.56	85.41	DEFLECT WATER OVER STORM (AS PER W25.2)
8			84.19	84.39	85.59	85.24	
9	85.01	85.21	84.48	84.68			
10	84.99	85.89			86.39	86.24	DEFLECT WATER OVER STORM (AS PER W25.2)
11			84.56	84.76	85.40	85.25	
12	84.74	85.12	84.09	84.29			

* BRACKETS DENOTE ADJUSTED VALUE WITH CONCRETE PIPE THICKNESS