

ORIGINAL SHEET - ARCH D

ROOF 1B		ABLE	ROSSING	ATERMAIN C	WFR AND W	SE		
ROOF 2B	NOTES	WTR BTM	WTR TOP	SAN OBV*	SAN INV*	STM OBV*	STM INV*	CROSSING
ROOF 3B	ASSUME 0.50 W/M DEFLECTION OVER STORM	63.32	63.52	62.03	61.73	63.02	62.72	\wedge
		62.87	63.070	62.23	61.93			$\underline{\underline{A}}$
		62.89	63.090	62.25	61.95			♪
CATCURACIN	INSULATE TOP OF WATERMAIN PER W22	62.90	63.100	62.40	62.10			A
CATCHBASIN	INSULATE TOP OF WATERMAIN PER W22	62.77	62.970	62.27	61.97			A
L102A		62.57	62.770	62.55	62.25	64.11	63.66	${\mathbin{\land}}$
L103A	INSULATE TOP OF WATERMAIN PER W22	62.79	62.990	62.49	62.19	64.25	63.80	\mathbb{A}
CB-1		62.82	63.020	62.52	62.22			惫
TANK OUTLET		62.54	62.740			64.45	64.00	A
		CRETE PIPE	ESS OF CON	VALL THICKNE	IS DENOTE V	*BRACKE		

		ROOF DRAIN SCHEDULE			
TRIBUTARY AREA ID	# OF DRAINS	DRAIN TYPE	100YR RELEASE RATE (L/s)	100YR PONDING VOLUME (m³)	
ROOF 1B	3	Watts Accuflow, Fully closed	1.9	7.2]
ROOF 2B	3	Watts Accuflow, Fully closed	1.9	2.5	
ROOF 3B	3	Watts Accuflow 25% Open	2.7	9.4	
		ICD TABLE			
CATCHBASIN ID	INVERT	ICD TYPE	ICD SIZE	100YR HEAD (m)	100YR FLO
L102A	63.95	IPEX Tempest HF	108mm	1.16	22.9
L103A	64.03	IPEX Tempest HF	83mm	1.13	13.4
CB-1	63.72	IPEX Tempest HF	95mm	1.54	22.4
			300mm	0.48	85.5

TATION	FINISHED GRADE	TOP OF W/M	ITEM
0+000.0	65.56	65.850	45° HORIZONTAL BEND
0+006.1	65.56	65.850	200mm VALVE AND BOX
0+008.1	65.52	63.120	200mm x 200mm TEE
0+015.4	65.53	63.130	22.5° HORIZONTAL BEND
0+020	65.48	63.080	TOP OF PIPE
0+033.5	65.38	62.980	22.5° HORIZONTAL BEND
0+040	65.38	62.980	TOP OF PIPE
0+058.8	65.40	63.000	22.5° HORIZONTAL BEND
0+061.3	65.40	63.000	200mm VALVE AND BOX
0+063.0	65.40	63.000	200mmØ PLUG

200mmØ WATERMAIN C					
STATION	FINISHED GRADE	TOP OF W/M	ITEM		
0+000.0	65.44	65.850	200mm x 200mm TEE		
0+002.0	65.44	65.850	45° HORIZONTAL BEND		
0+003.6	65.42	63.020	200mm VALVE AND BOX		
0+020	65.18	62.780	TOP OF PIPE		
0+035.6	65.47	63.070	22.5° HORIZONTAL BEND		
0+040	65.45	63.050	TOP OF PIPE		
0+047.8	65.36	62.960	45° HORIZONTAL BEND		
0+049.8	65.36	62.960	45° HORIZONTAL BEND		
0+053.3	65.30	62.900	200mm VALVE AND BOX		
0+056	65.26	62.860	200mmØ PLUG		



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Legend _____ _ __ — \bigcirc _ _()__ _ ____

PROPOSED WATERMAIN PROPOSED VALVE AND VALVE BOX PROPOSED HYDRANT PROPOSED SANITARY SEWER PROPOSED STORM SEWER PROPOSED CATCH BASIN MANHOLE THERMAL INSULATION ABOVE STORM AS PER \$35 CIRCULAR ORIFICE (SEE ICD TABLE) PROPOSED CATCH BASIN PROPOSED WATTS FD-530 (OR EQUIVALENT) TO BE CONNECTED TO INTERNAL PLUMBING EXISTING WATERMAIN EXISTING VALVE AND VALVE BOX EXISTING FIRE HYDRANT **EXISTING SANITARY SEWER** existing storm sewer EXISTING CATCHBASIN PROPOSED WATER METER PROPOSED REMOTE WATER METER EXISTING CABLE **EXISTING BELL** EXISTING TELUS **EXISTING TRAFFIC** EXISTING HYDRO ----- EXISTING STREETLIGHT

1. FINAL SERVICE LATERAL SIZE, LOCATION AND ELEVATION TO BE CONFIRMED BY MECHANICAL CONSULTANT.

CONTRACTOR TO LOCATE EXISTING SERVICES AND ANY CONFLICTS WITH EXISTING SERVICING MUST BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WITH CONSTRUCTION.

3. SITE PLAN PREPARED BY DIAMOND SCHMITT ARCHITECT INC. DATED: JAN. 17, 2025

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4. TOPOGRAPHIC SURVEY SUPPLIED BY STANTEC CONSULTING LTD. DATED APRIL 11, 2022. JOB BENCHMARK: 1. FIRE HYDRANT AT INTERSECTION OF REGINA AND LINCOLN HEIGHTS TOP OF SPINDLE ELEVATION 66.30.

2. FIRE HYDRANT INSIDE PROPERTY TOP OF SPINDLE ELEVATION 66.59.

5. ASBUILT INFORMATION FROM J.G. KNOWLTON LTD. CONSULTING ENGINEERS. REGINA ST & WESTERN PARKWAY. 4372PLAN. DWG# SP-2, DATED SEPT, 1981

3	ISSUED FOR CITY REVIEW	JP	PM	25.02.12
2	ISSUED FOR CITY REVIEW	JP	PM	24.11.28
1	ISSUED FOR CITY REVIEW	JP	PM	24.03.28
Re	evision	Ву	Appd.	YY.MM.DD
Re	evision	 Ву	Appd.	YY.MM.DD
Re	evision	 By	Appd.	YY.MM.DD

Dwn. Chkd. Dsgn. YY.MM.DD

Permit-Seal

Client/Project

WINDMILL DEVELOPMENT GROUP LTD.

2475 REGINA STREET

Ottawa, ON

Title

SITE SERVICING PLAN

