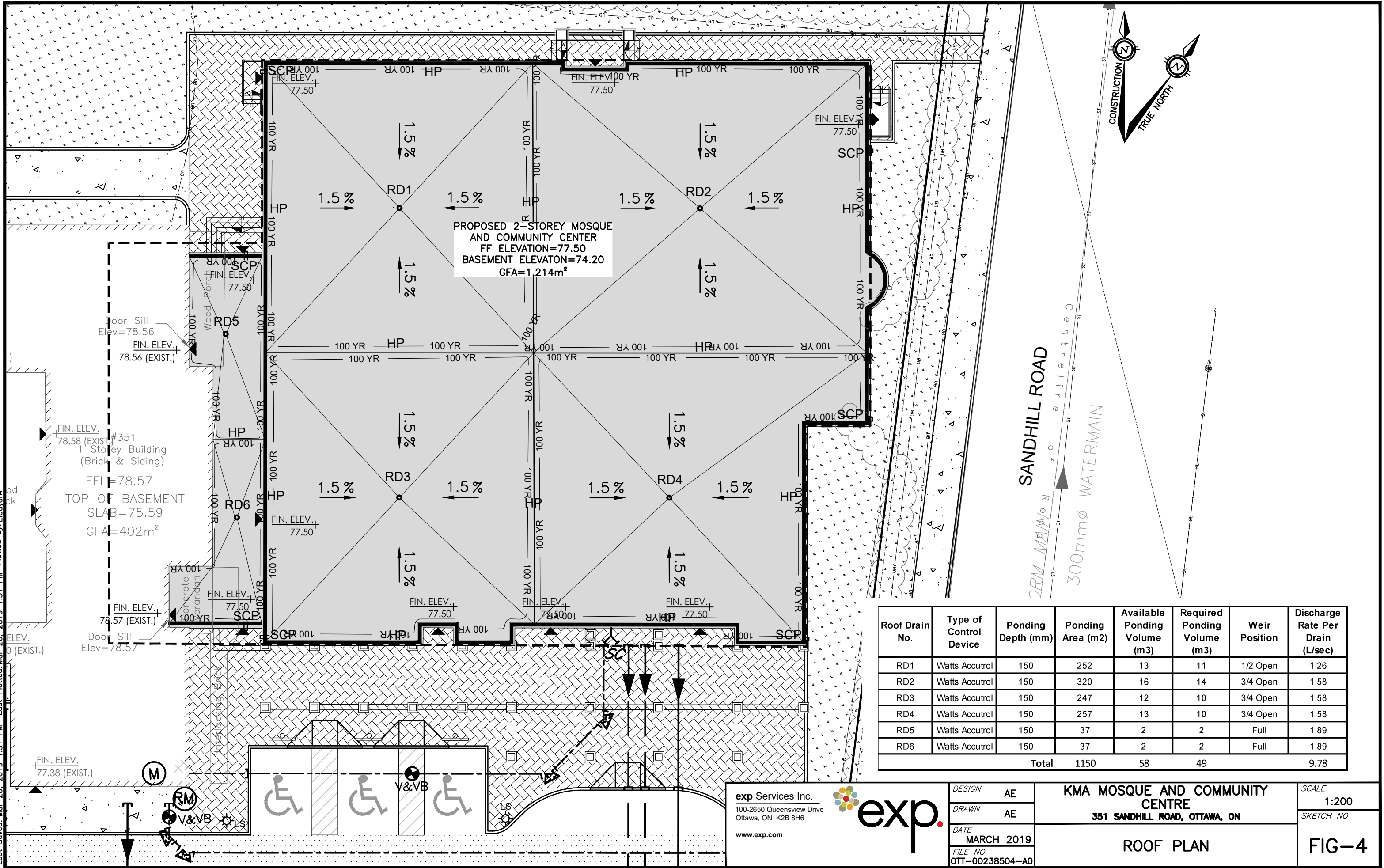


Filename: P:\Projects\Civil Engineering Services\238000\OTT-00238504-A0 - KMA Mosque and Community Centre\60-EXECUTION\64-DWG\Sketches & Figures\FIG-4 - Roof Plan.dwg
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PROPOSED 2-STOREY MOSQUE
 AND COMMUNITY CENTER
 FF ELEVATION=77.50
 BASEMENT ELEVATION=74.20
 GFA=1,214m²

Roof Drain No.	Type of Control Device	Ponding Depth (mm)	Ponding Area (m2)	Available Ponding Volume (m3)	Required Ponding Volume (m3)	Weir Position	Discharge Rate Per Drain (L/sec)
RD1	Watts Accutrol	150	252	13	11	1/2 Open	1.26
RD2	Watts Accutrol	150	320	16	14	3/4 Open	1.58
RD3	Watts Accutrol	150	247	12	10	3/4 Open	1.58
RD4	Watts Accutrol	150	257	13	10	3/4 Open	1.58
RD5	Watts Accutrol	150	37	2	2	Full	1.89
RD6	Watts Accutrol	150	37	2	2	Full	1.89
Total			1150	58	49		9.78

exp Services Inc. 100-2650 Queensview Drive Ottawa, ON K2B 8H6 www.exp.com	DESIGN	AE	KMA MOSQUE AND COMMUNITY CENTRE 351 SANDHILL ROAD, OTTAWA, ON	SCALE	1:200
	DRAWN	AE		DATE	MARCH 2019
exp			FILE NO	OTT-00238504-A0	SKETCH NO FIG-4
ROOF PLAN					