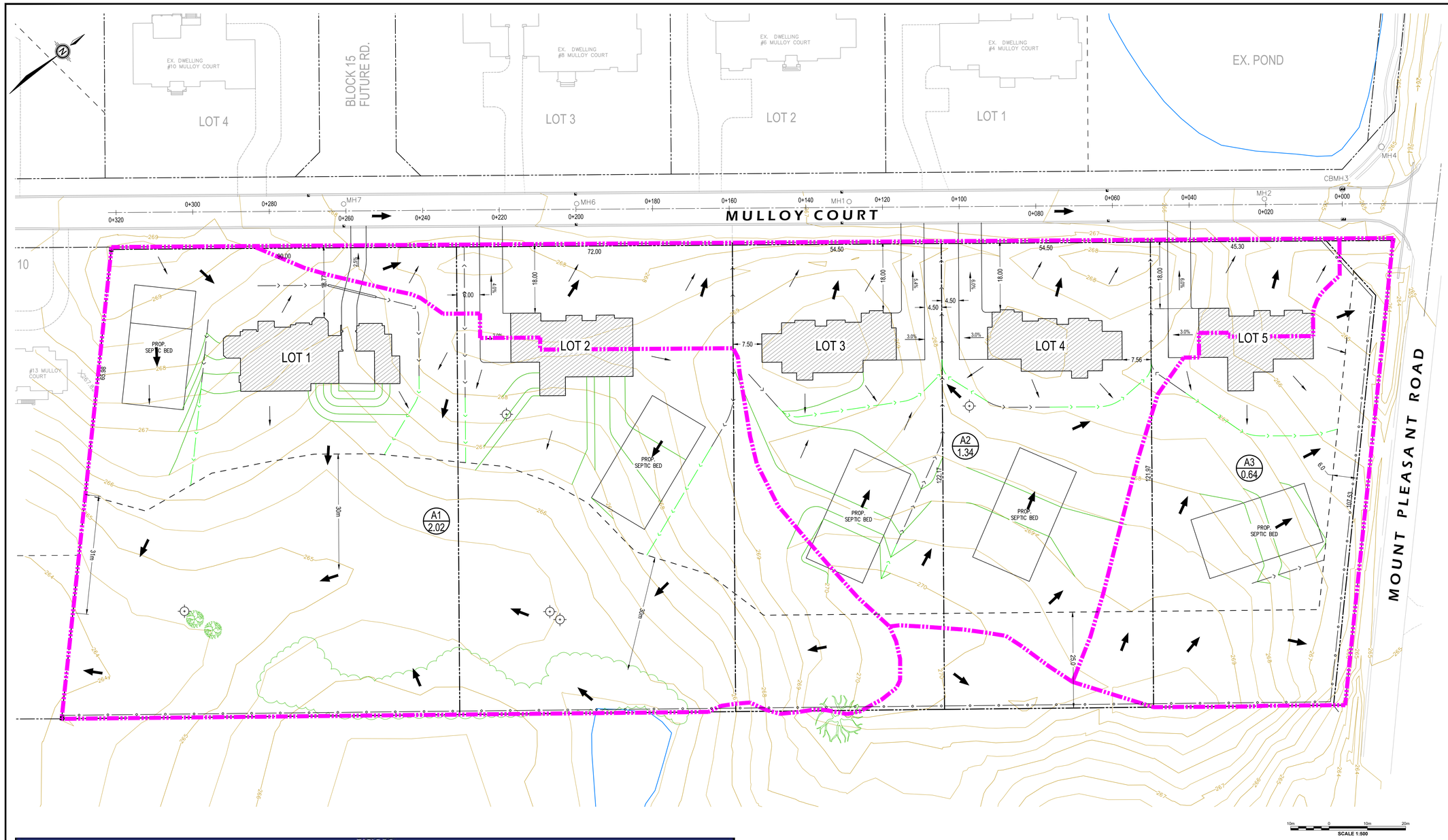
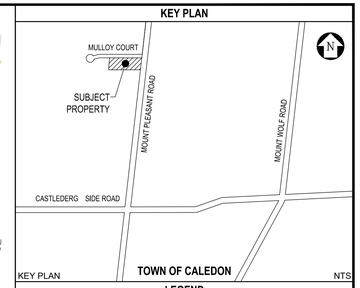


TABLE B.3
2-YEAR STORM SEWER DESIGN SHEET

Location			Drainage Area				Runoff			Pipe Flow						
Catchment	From MH	To MH	A (ha)	C	A x C	Acc. A x C	Tc (min)	I (mm/hr)	Q (L/s)	Pipe Length (m)	Pipe Diameter (m)	Pipe Slope (%)	Full Flow Capacity (L/s)	Full Flow Velocity (m/s)	Time of flow (min.)	% full
A	MH1	MH2	0.6500	0.40	0.26	0.26	15.58	67.55	48.78	108.0	0.300	0.93	93.3	1.32	1.36	52.3%
B + 404a	MH2	CBMH3	1.4900	0.31	0.46	0.72	16.94	64.28	128.90	20.0	0.375	0.30	96.0	0.87	0.38	134.2%
	CBMH3	MH4	0.0000	0.00	0.00	0.72	17.33	63.42	127.18	15.5	0.375	0.30	96.0	0.87	0.30	132.4%
	MH4	MH5	0.0000	0.00	0.00	0.72	17.62	62.77	125.88	58.0	0.375	0.30	96.0	0.87	1.11	131.1%
	MH5	OUTFALL	0.0000	0.00	0.00	0.72	18.74	60.47	121.25	7.0	0.375	0.30	96.0	0.87	0.13	126.3%

KEY PLAN



LEGEND

- PROPERTY LINES (PROPOSED)
- PROPERTY LINES (EXISTING)
- KEY NATURAL HERITAGE FEATURE
- LIMIT OF STRUCTURE ENVELOPE (PROPOSED)
- PROP. GRASSED SWALE
- PROP. INFILTRATION SWALE, MIN. 50.0m / LOT
- PROP. STORM DRAINAGE BOUNDARY
- PROP. DRAINAGE DIRECTION
- A1 / 1.93 — PROP. CATCHMENT ID / PROP. DRAINAGE AREA (HECTARES)

LOCATION OF RESIDENTIAL UNITS AND SEPTIC FIELDS ARE CONCEPTUAL ONLY.
FINAL LOCATIONS TO BE DETERMINED AT THE SITE PLAN APPROVAL / BUILDING PERMIT APPLICATION STAGE

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DESIGNED BY | APPROVED BY

N°	Date	Revisions	Dwn.	Dsg'd.	Chk'd.
1	17/JAN/2025	SECOND SUBMISSION	AAF	AAF	RJW
0	26/JAN/2024	DPA APPLICATION	AAF	AAF	RJW

Client: **STELLAR HOMES INC.**

Project Name: **STELLAR ESTATES PHASE 2**
MULLOY COURT, TOWN OF CALEDON

Title Name: **STORM DRAINAGE PLAN**

Drawing N°: **22-3001-05**
Sheet N°: 5 OF 9
Scale: 1:500
Rev. N°: 1