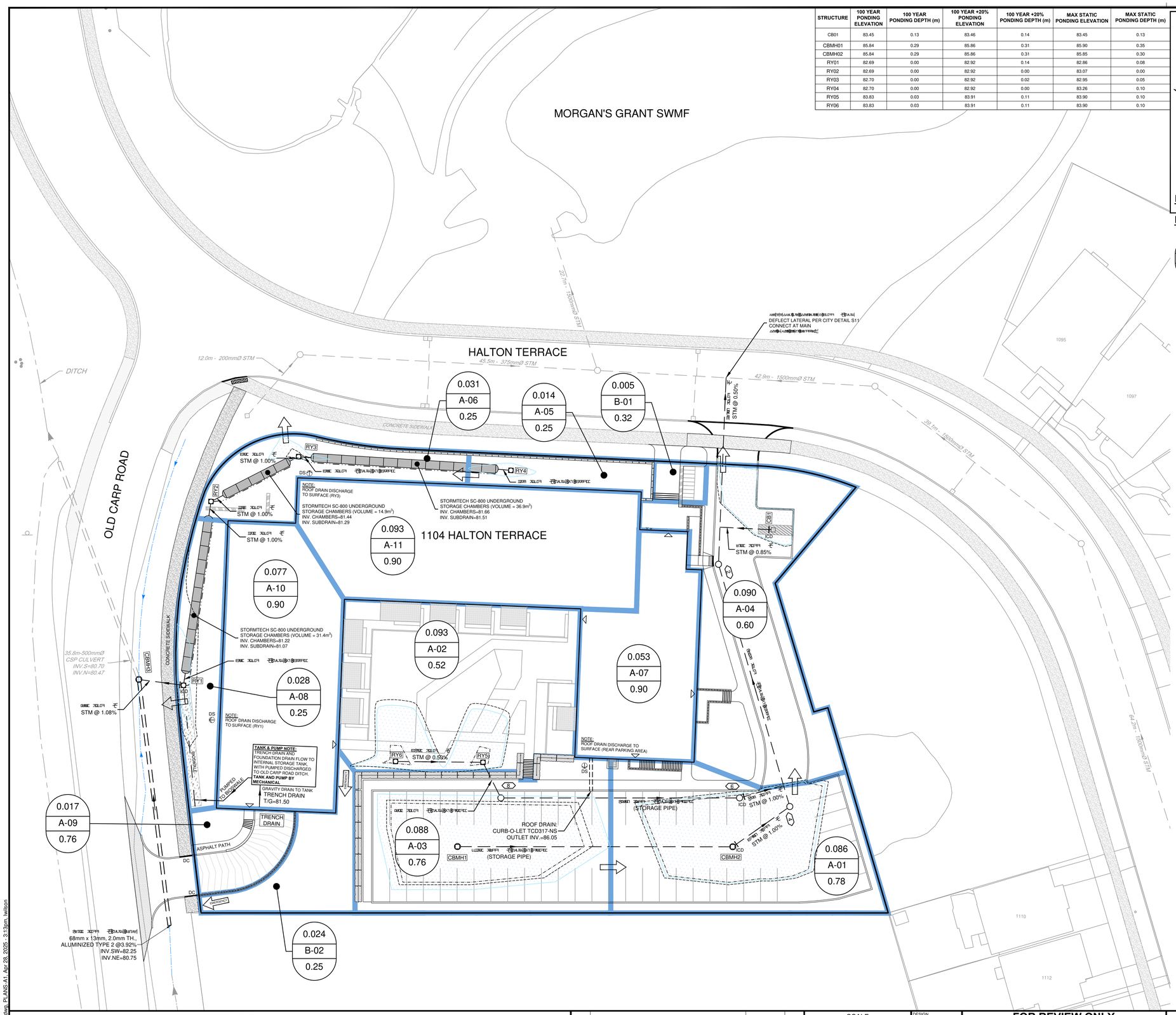
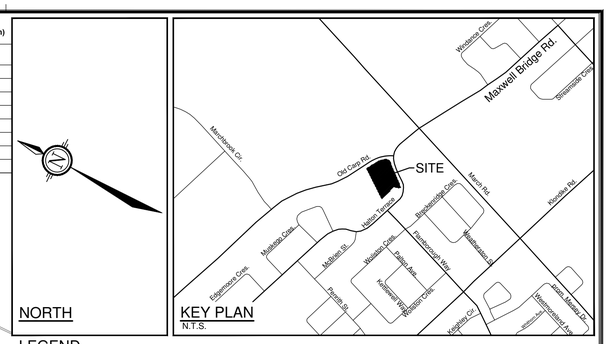
STRUCTURE	100 YEAR PONDING ELEVATION	100 YEAR PONDING DEPTH (m)	100 YEAR +20% PONDING ELEVATION	100 YEAR +20% PONDING DEPTH (m)	MAX STATIC PONDING ELEVATION	MAX STATIC PONDING DEPTH (m)
CB01	83.45	0.13	83.46	0.14	83.45	0.13
CBMH01	85.84	0.29	85.86	0.31	85.90	0.35
CBMH02	85.84	0.29	85.86	0.31	85.85	0.30
RY01	82.69	0.00	82.92	0.14	82.86	0.08
RY02	82.69	0.00	82.92	0.00	83.07	0.00
RY03	82.70	0.00	82.92	0.02	82.95	0.05
RY04	82.70	0.00	82.92	0.00	83.26	0.10
RY05	83.83	0.03	83.91	0.11	83.90	0.10
RY06	83.83	0.03	83.91	0.11	83.90	0.10





LEGEND

- 0.24 ha / A-01 / 0.65 — AREA (hectares); AREA ID; RUN-OFF COEFFICIENT
- PROPOSED STORM DRAINAGE AREA BOUNDARY
- 106 — PROPOSED STORM MANHOLE / SEWER AND FLOW DIRECTION
- CB1 — PROPOSED ROAD CATCHBASIN
- CBMH1 — CATCHBASIN MANHOLE
- RY1 — REAR YARD CATCH BASIN
- MAJOR SYSTEM FLOW ROUTE
- MAX STATIC PONDING LIMITS
- 100-YR PONDING LIMITS
- 100-YR +20% PONDING LIMITS
- DS — ROOFTOP DOWNSPOUT LOCATION

ICD TABLE				
STRUCTURE ID	ICD TYPE	INVERT (m)	100-YR HEAD (m)	100-YR PEAK FLOW (L/s)
RY1	TEMPEST LMF	E=81.23 N=81.06	1.63	12.2
CB1	106mm	NW=82.32	1.13	21.2
CBMH2	TEMPEST LMF	SE=82.88 NW=83.48	2.96	7.4
6	TEMPEST LMF	NW=82.70 SE=82.70	1.12	8.0

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

No.	REVISION	DATE	BY
4.	CITY SUBMISSION	APR 25/25	MAB
3.	CITY SUBMISSION	SEP 18/24	MAB
2.	CITY SUBMISSION	NOV 3/23	MAB
1.	CITY SUBMISSION	OCT 19/21	MAB

SCALE 1:300

DESIGN DTD
CHECKED LWR
DRAWN DTD
CHECKED MAB
APPROVED JGR

FOR REVIEW ONLY

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LICENSED PROFESSIONAL ENGINEER M.A. BISSETT 2025.04.25 PROVINCE OF ONTARIO

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CITY OF OTTAWA
1104 HALTON TERRACE

STORM DRAINAGE AREA PLAN

PROJECT No. 119024
REV REV # 4
DRAWING No. 119024-STM2

PLAN #18654 D07-12-21-0186

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