



LEGEND

STORM DRAINAGE BOUNDARY
SUB-DRAINAGE BOUNDARY
STORM DRAINAGE BOUNDARY (OTHER PHASES)
BOUNDARY (OTHER PHASES)

STORM FREQUENCY
UPSTREAM MH TO DOWNSTREAM MH

AREA IN HECTARES

RUNOFF COEFFICIENT
EXTERNAL 2.78AC =

EXTERNAL TIME OF CONCENTRATION
TC=14.5 MIN

EXTERNAL BLENDED RUNOFF COEFFICIENT
C=0.70 2YR

UPSTREAM MH TO DOWNSTREAM MH

AREA IN OTHER PHASES IN HECTARES

RUNOFF COEFFICIENT

STREET CATCHBASIN & LEAD
STREET CATCHBASIN WITH
CLOSED LID & LEAD
MAINTENANCE HOLE

CURB INLET CATCHBASIN & LEAD
CATCHBASIN/ MAINTENANCE HOLE
INTERCONNECTED CATCH
BASIN & LEADS
CAP

OVERLAND FLOW DIRECTION

EXTERNAL OVERLAND FLOW DIRECTION

EXISTING STORM MAINTENANCE HOLE

NOT FOR CONSTRUCTION

TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY STANTEC GEOMATICS LTD.,
PROJECT No. 161614995-111, SURVEY DATED APRIL 28, 2026.

LEGAL INFORMATION
M-PLAN PROVIDED BY STANTEC GEOMATICS LTD., PROJECT No.
161614995-132, RECEIVED ON JULY 3, 2026.

ELEVATION NOTE
ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO GEODETIC DATUM
AND ARE DERIVED FROM THE CAN-NET VRS NETWORK MONUMENT:
OTTAWA ELEVATION=95.230.

No.	S.M.	DATE	DESCRIPTION
1	S.M.	26-07-13	1st SUBMISSION



PROJECT No. 25-1480

PROFESSIONAL ENGINEER
S. L. MERRICK
100186523
2026-07-13
PROVINCE OF ONTARIO

Tamarack
(Cardinal Creek)
Corporation

CARDINAL CREEK VILLAGE
PHASE 8



STORM DRAINAGE PLAN

DRAWN BY: K.N	CHECKED BY: S.M.	SHEET NO.
DESIGNED BY: C.B	CHECKED BY: S.M.	12
SCALE: 1:750	DATE: JULY 2026	

CITY PLAN No. XXXXXX

CITY FILE No. XXXXXX