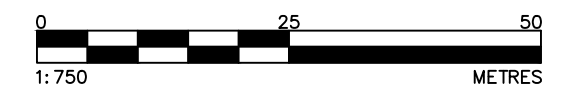




KEY PLAN
NOT TO SCALE

APPROVED
By Adam Brown at 1:37 pm, Oct 04, 2024

Adam Brown
ADAM BROWN
MANAGER, DEVELOPMENT REVIEW - RURAL
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT
DEPARTMENT, CITY OF OTTAWA



PREDEVELOPMENT PLAN
SCALE = 1:750m

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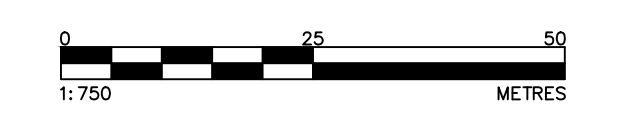
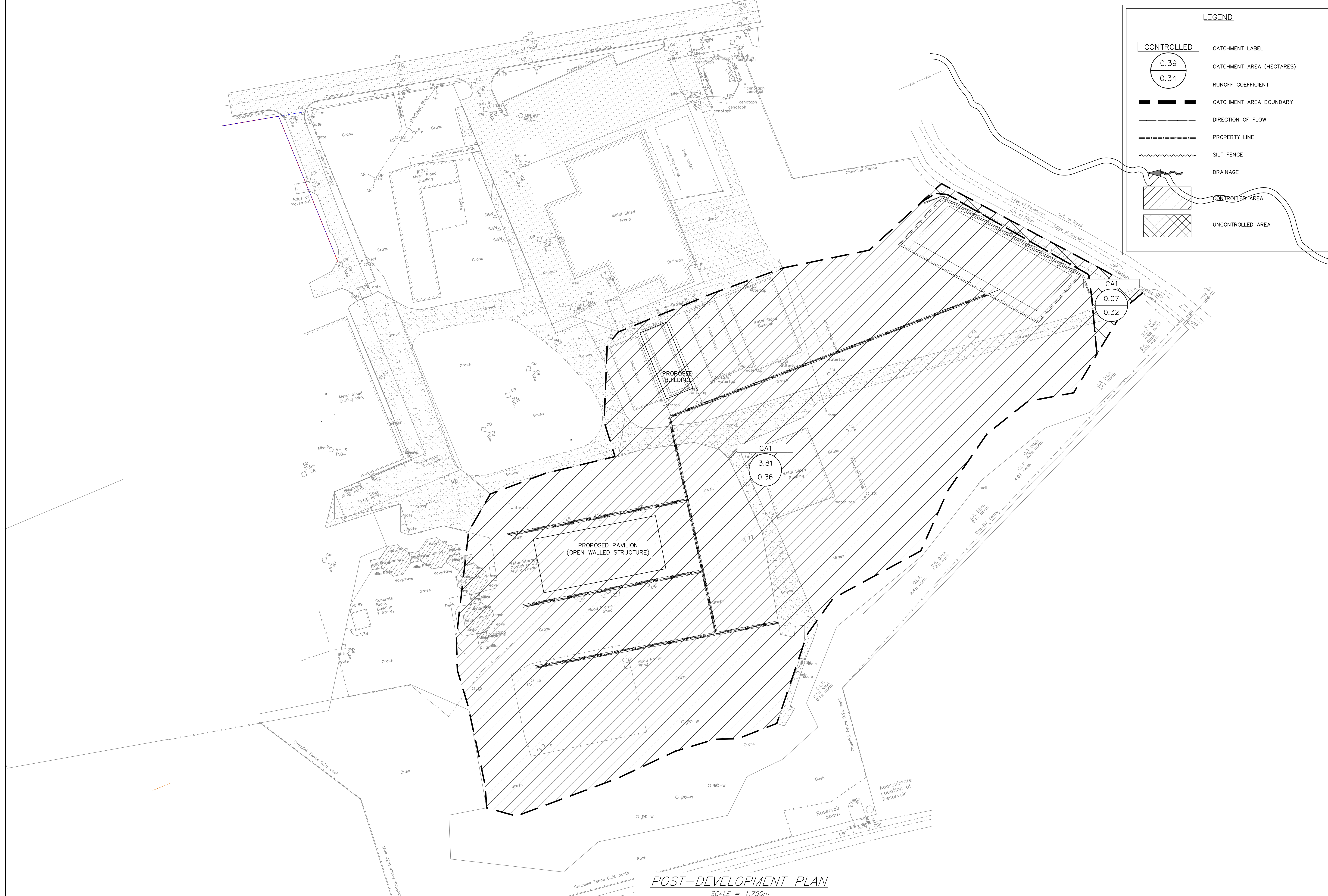
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No.	REVISION	DATE	BY
3.	RESPONSE TO CITY SECOND REVIEW COMMENTS	SEP 24, 2024	NJR
2.	RESPONSE TO CITY REVIEW COMMENTS	AUG 29, 2024	NJR
1.	ISSUED FOR SITE PLAN APPROVAL	JUNE 28, 2024	NJR

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Engineers
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FACSIMILE (613) 258-0475
(613) 860-0923

DESIGN	NJR
DRAWN	ABD
CHECKED	NJR
APPROVED	SD

CLIENT NAME	CUMBERLAND TOWNSHIP AGRICULTURE SOCIETY	PROJECT No.	240297
PROJECT NAME	PROPOSED BARN AND PAVILION (OPEN WALLED STRUCTURE)	DATE	JUNE 28, 2024
PROJECT LOCATION	1279 COLONIAL ROAD, OTTAWA, ON, K4B 1N1	SCALE	1:750 m
DRAWING	PREDEVELOPMENT PLAN	DRAWING No.	240297-PRE



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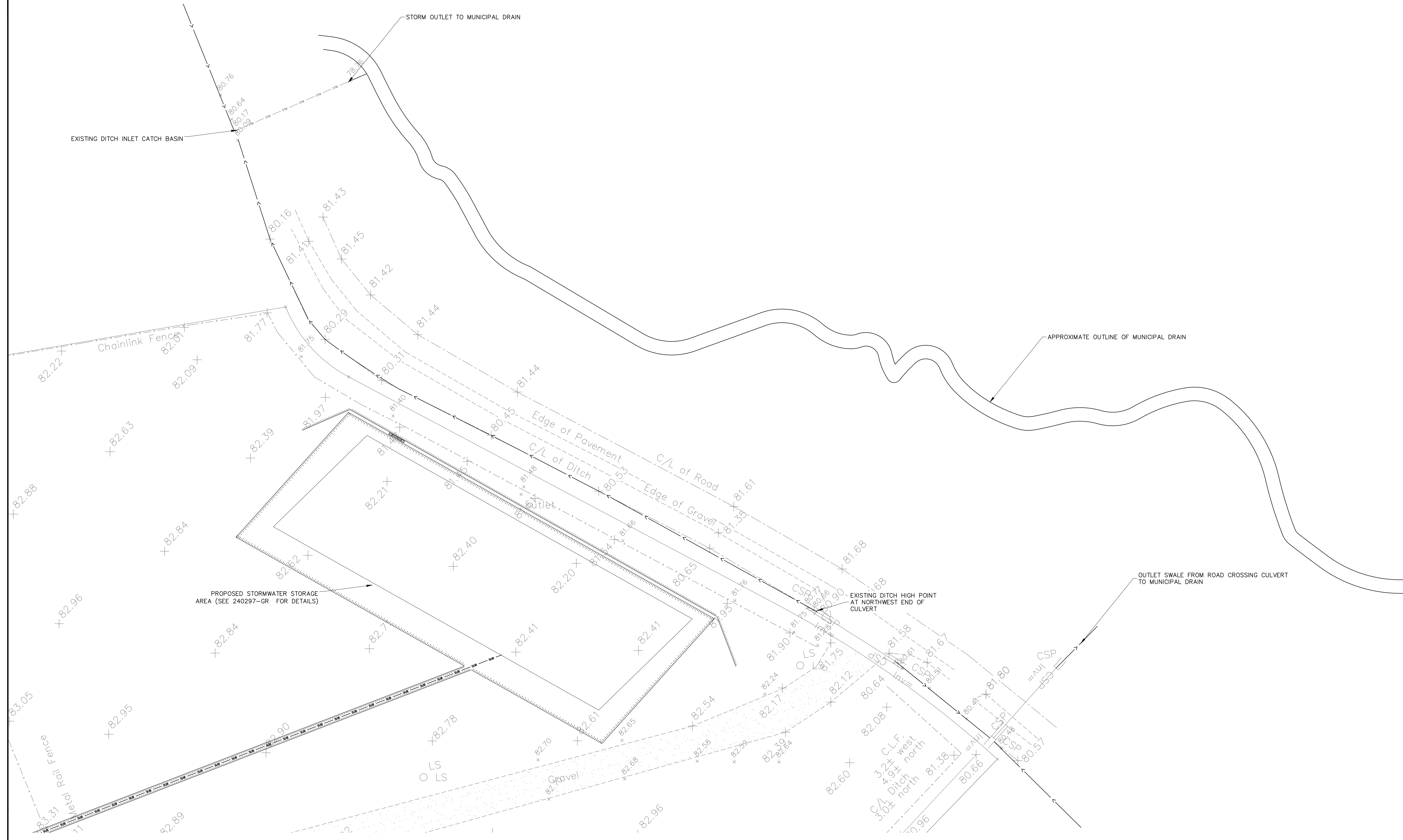
(613) 860-0923

DESIGN	STAMP
NJR	
ABD	
NJR	
SD	

CLIENT NAME	PROJECT No.
CUMBERLAND TOWNSHIP AGRICULTURE SOCIETY	240297
PROJECT NAME	DATE
PROPOSED BARN AND PAVILION (OPEN WALLED STRUCTURE)	JUNE 28, 2024
PROJECT LOCATION	SCALE
1279 COLONIAL ROAD, OTTAWA, ON, K4B 1N1	1:750 m
DRAWING	DRAWING No.
POST-DEVELOPMENT CONDTIONS	240297-POST



KEY PLAN
NOT TO SCALE

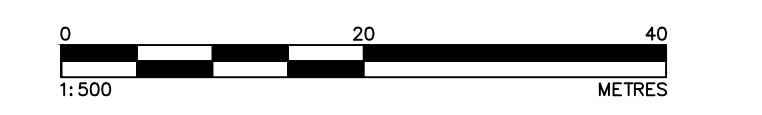


LEGEND

- PROPOSED ELEVATION
- PROPOSED SUBDRAIN ELEVATION
- AUGERHOLE
- PROPOSED SUBDRAIN
- EXISTING STORM PIPE
- TOP OF SLOPE
- TEMPORARY BENCHMARK

PROPOSED STORM AND SUBDRAIN PIPE
 PROPOSED STORM AND SUBDRAIN PIPE TO CONSIST OF 250mm Ø HDPE 320 kPa SMOOTH INNER WALL PERFORATED PIPE IN A FILTER SOCK

- CONSTRUCTION PROCEDURES**
1. IMPLEMENT SITE EROSION CONTROL MEASURES PER DRAWING 240297-ESC.
 2. REMOVE AND STOCKPILE TOPSOIL FROM PROPOSED GRAVEL STORAGE AREA/CLEAR STONE TRENCHES (WHERE APPLICABLE).
 3. IMPLEMENT EROSION CONTROL MEASURES AROUND TOPSOIL STOCKPILE BY INSTALLING A SILT FENCE AROUND THE PERIMETER OF THE TOPSOIL STOCK PILE. THE SILT FENCE SHOULD BE INSTALLED IN ACCORDANCE TO OPSD 209.110.
 4. EXCAVATE THE CLEAR STONE STORAGE AREA. SHOULD THE SUBGRADE ELEVATIONS BE LOWER THAN THE PROPOSED UNDERSIDE OF CLEAR STONE AREA, NATIVE SOIL FROM EXCAVATED AREAS CAN BE USED TO RAISE SUBGRADE TO DESIGN ELEVATION.
 5. INSTALL GEOTEXTILE AS SHOWN ON THE DETAILS.
 6. INSTALL FIRST 0.15m OF CLEAR STONE WITHIN THE GRAVEL STORAGE AREA, AND FIRST 0.10m OF CLEAR STONE WITHIN THE TRENCHES.
 7. INSTALL THE PROPOSED GEOWEB WITHIN THE GRAVEL STORAGE AREA AS SHOWN ON THE DETAILS. INSTALL PERFORATED STORM PIPE/ SUBDRAINS AND PROPOSED RYCBS.
 8. BACKFILL TRENCHES AND GEOWEB WITH REMAINDER OF CLEAR STONE.
 9. FINAL GRADING AND REINSTATE TOPSOIL IN DISTURBED AREAS.
 10. ONLY ONCE DISTURBED VEGETATION IS FULLY ESTABLISHED, AND REMAINING FILL PILES HAVE BEEN REMOVED FROM SITE, CAN EROSION CONTROL MEASURES BE REMOVED FROM SITE.



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GRADING PLAN
SCALE = 1:500m

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CONSULTANTS	

Kollaard Associates Engineers

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(613) 860-0923

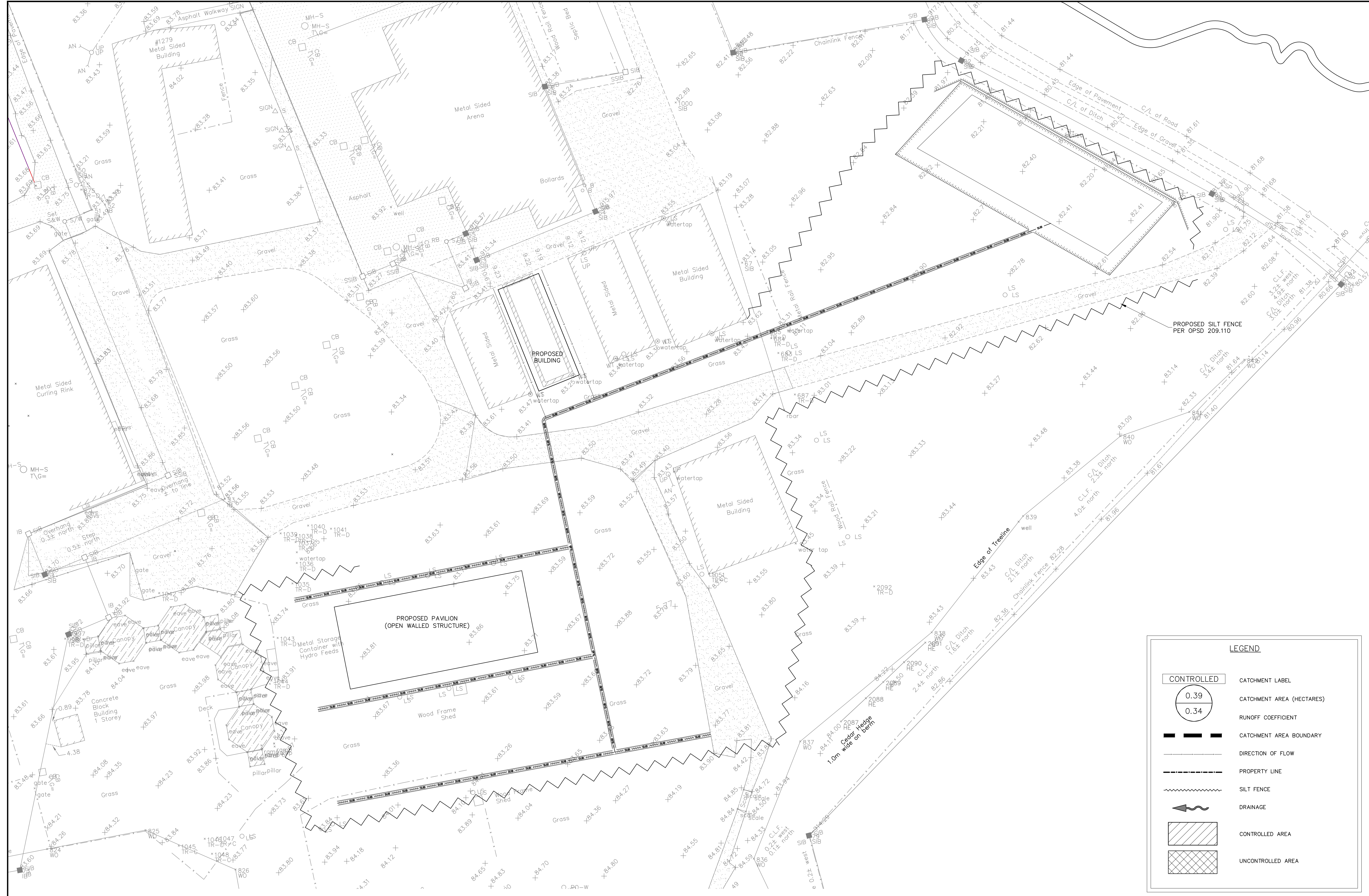
DESIGN: --
 DRAWN: NJR
 CHECKED: NJR
 APPROVED: SD

STAMP: LICENSED PROFESSIONAL ENGINEER
 SEP 24, 2024
 S.E. deWit
 100079612
 PROVINCE OF ONTARIO

CLIENT NAME CUMBERLAND TOWNSHIP AGRICULTURE SOCIETY	PROJECT No. 240297
PROJECT NAME PROPOSED BARN AND PAVILION (OPEN WALLED STRUCTURE)	DATE JUNE 28, 2024
PROJECT LOCATION 1279 COLONIAL ROAD, OTTAWA, ON, K4B 1N1	SCALE AS SHOWN
DRAWING EXISTING DITCH DRAINAGE PATTERNS	DRAWING No. 240297-DITCH



KEY PLAN
NOT TO SCALE



EROSION AND SEDIMENT CONTROL NOTES:

1. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE STORM SEWER SYSTEM, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
2. THE OWNER (AND/OR CONTRACTOR) AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN AT LEAST EQUAL TO THE STATED MINIMUM REQUIREMENTS AND TO THE SATISFACTION OF THE TOWNSHIP OF NORTH DUNDAS, APPROPRIATE TO THE SITE CONDITIONS, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) AND DURING ALL PHASES OF SITE PREPARATION AND CONSTRUCTION IN ACCORDANCE WITH THE CURRENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL.
3. THE CONTRACTOR IS TO ENSURE THAT THE SITE ACCESS POINTS AND ADJACENT STREETS TO THE ACCESS POINTS ARE MAINTAINED AND KEPT CLEAN OF CONSTRUCTION MATERIALS SUCH AS, BUT NOT LIMITED TO MUD, DIRT, CLAY AND GRANULARS ON A DAILY BASIS OR AS NECESSARY, TO THE SATISFACTION OF THE CITY OF OTTAWA.
4. EVERY EFFORT WILL BE MADE TO ENSURE THAT ALL DISTURBED AREAS ARE TOPSOILED AND SEEDED AS SOON AS REASONABLY POSSIBLE.
5. THE SEDIMENT AND EROSION CONTROL PLAN IS A LIVING DOCUMENT WHICH MAY BE AMENDED BY ONSITE REQUIREMENTS AT THE APPROVAL OF THE MUNICIPALITY AND THE CONSERVATION AUTHORITY.
6. ALL SEDIMENT AND EROSION CONTROL MEASURES TO BE INSPECTED/CLEANED AFTER RAIN EVENTS.
7. MUD MAT OR MECHANICAL TRACKOUT PLATE TO BE INSTALLED AT CONSTRUCTION SITE ENTRANCE.

MINIMUM EROSION AND SEDIMENT CONTROL PLAN REQUIREMENTS:

- TIME THE DEMOLITION AND EXCAVATION ACTIVITIES SO THAT THEY OCCUR NO SOONER THAN IS NECESSARY FOR SUBSEQUENT CONSTRUCTION ACTIVITIES.
- LANDSCAPE THE SITE AS SOON AS PRACTICALLY POSSIBLE.
- USE SILT FENCES AROUND ANY STOCKPILES OF SOIL.
- PRIOR TO CONSTRUCTION, SILT FENCE BARRIERS (OPSD 219.110) WILL BE PLACED ALONG THE PROPERTY LINES AS ON THE DRAWING.
- THE SILT FENCE SHOULD BE REMOVED ONLY WHEN THE SITE IS STABILIZED.
- FILTER SOCKS SHOULD BE INSTALLED ACROSS EXISTING STRUCTURE MANHOLE AND CATCH BASIN LIDS, AS WELL, FILTER SOCKS SHOULD BE INSTALLED ACROSS THE PROPOSED CATCH BASIN AND MANHOLE LIDS IMMEDIATELY AFTER THE STRUCTURES ARE PLACED. THE FILTER SOCKS SHOULD ONLY BE REMOVED ONCE THE ASPHALTIC CONCRETE IS INSTALLED AND THE SITE IS CLEARED.

LEGEND

	CATCHMENT LABEL
	CATCHMENT AREA (HECTARES)
	RUNOFF COEFFICIENT
	CATCHMENT AREA BOUNDARY
	DIRECTION OF FLOW
	PROPERTY LINE
	SILT FENCE
	DRAINAGE
	CONTROLLED AREA
	UNCONTROLLED AREA



EROSION AND SEDIMENT CONTROL PLAN
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CLIENT NAME: CUMBERLAND TOWNSHIP AGRICULTURE SOCIETY	PROJECT NO.: 240297
PROJECT NAME: PROPOSED BARN AND PAVILION (OPEN WALLED STRUCTURE)	DATE: 2024 MAY 28
PROJECT LOCATION: 1279 COLONIAL ROAD, OTTAWA, ON, K4B 1N1	SCALE: AS SHOWN
DRAWING: EROSION AND SEDIMENT CONTROL PLAN	DRAWING No.: 240297-ECS