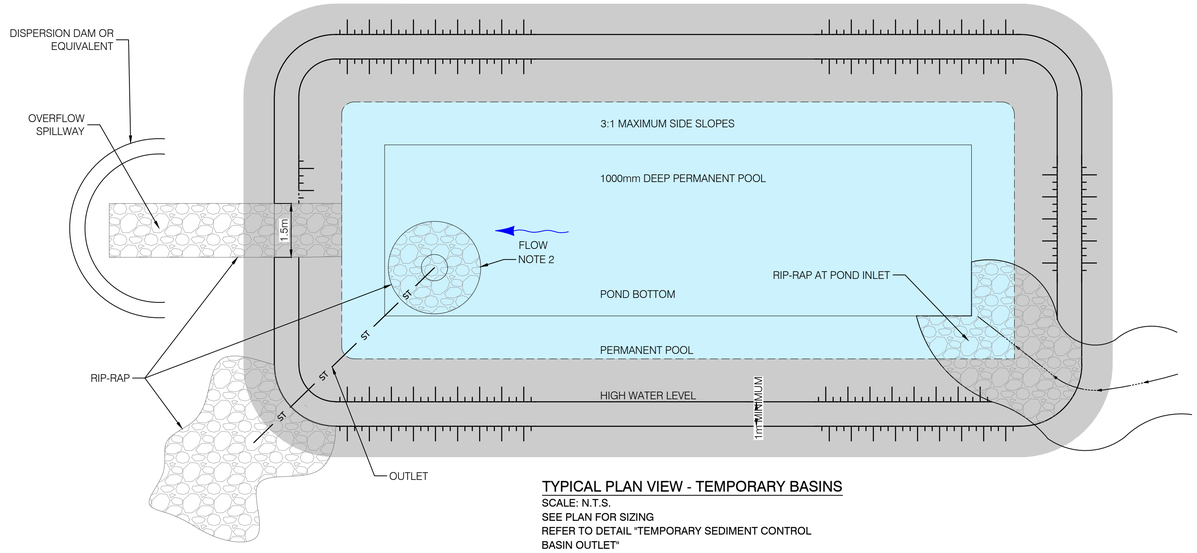
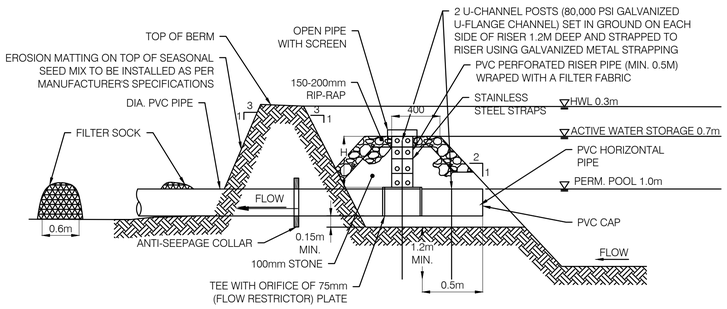
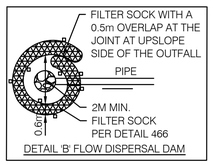


TYPICAL PLAN VIEW - TEMPORARY BASINS

SCALE: N.T.S.
SEE PLAN FOR SIZING
REFER TO DETAIL "TEMPORARY SEDIMENT CONTROL BASIN OUTLET"



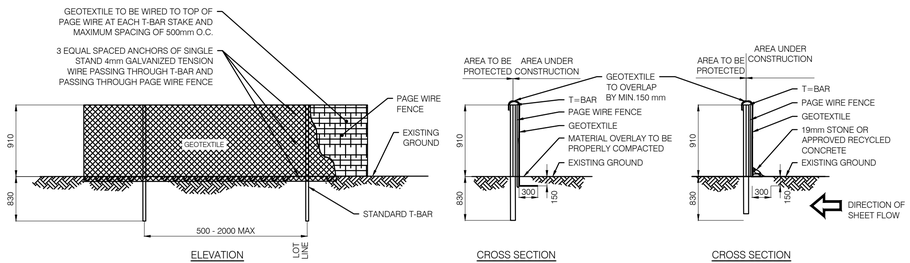
ELEVATION



NOTES:
1. POND SIDE SLOPES TO BE STABILIZED IMMEDIATELY;
2. MINIMUM 48 HOUR DRAWDOWN TIME WITH MINIMUM 75mm DIAMETER ORIFICE;
3. ACTIVE STORAGE VOLUME: DESIGNED WITH MINIMUM OF 185m³/ HECTARE CONTRIBUTING DRAINAGE AREA. (MINIMUM 75MM ORIFICE)
4. PERMANENT POOL VOLUME: DESIGNED WITH MINIMUM 185m³/HECTARE DRAINAGE AREA.

TEMPORARY SEDIMENT CONTROL BASIN OUTLET

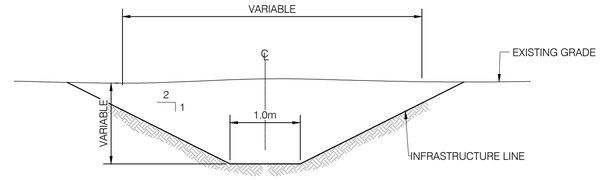
SCALE: N.T.S.



NOTES:
1. GEOTEXTILE TO HAVE A MINIMUM TEAR RESISTANCE OF 200 N. WATER FLOW THROUGH RATE MINIMUM 4000 L/MIN/M² AND UV STABILITY MIN 70% AT 500H.
2. GEOTEXTILE TO HAVE A HORIZONTAL OVERLAP OF 1000mm AT JOINTS.
3. PAGE WIRE FENCE OR APPROVED EQUIVALENT AS BACKING FOR GEOTEXTILE FILTER FABRIC.
4. GEOTEXTILE TO BE FASTENED TO T-BAR AND PAGE WIRE FENCE VIA METAL ZIP-TIES, 4mm GALVANIZED TENSION WIRE, OR EQUIVALENT.
5. MIN. 1.5m OFFSET FOR DOUBLE ROW SEDIMENT CONTROL FENCE.

TEMPORARY SINGLE AND DOUBLE ROW SEDIMENT CONTROL FENCE

SCALE: N.T.S.



TYPICAL SECTION - DITCH
N.S.

NOTES:
1. ALL STONE AND GEOTEXTILE TO BE REMOVED WHEN SWALE BACKFILLED.
2. COLLECTED SEDIMENT MUST BE REMOVED AND SWALE REBUILT WITH CLEANED STONE AND NEW GEOTEXTILE ONCE SEDIMENT REACHES HALFWAY TO THE LOW POINT OF THE SPILLWAY.
3. TEMPORARY CHECK DAM TO BE PLACED EVERY 50m

TEMPORARY ROCK CHECK DAM FLAT BOTTOM DITCH

SCALE: N.T.S.

ADAM BROWN
MANAGER , DEVELOPMENT REVIEW RURAL
PLANNING, DEVELOPMENT & BUILDING SERVICES DEPARTMENT, CITY OF OTTAWA

APPROVED
By Adam Brown at 1:49 pm, Nov 23, 2026

FOR PERMITTING

NOTE:
1. ALL RIP-RAP IN TEMPORARY WORKS MUST BE INSTALLED OVER A GEOTEXTILE TEXEL 7618 OR APPROVED EQUIVALENT

DRAWING No.	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
REFERENCE DRAWINGS		REVISIONS				
		AE	FOR PERMITTING	B. THOMAS	V. BRUNELLE P.E.O NO. 100617887	2026-11-18
		AD	FOR PERMITTING	B. THOMAS	V. BRUNELLE P.E.O NO. 100617887	2025-11-05
		AC	FOR PERMITTING	E. AMELI	M. SHAHRAKI	2025-06-19
		AB	FOR COMMENTS	E. AMELI	M. SHAHRAKI	2025-06-06
		AA	FOR COMMENTS	E. AMELI	M. SHAHRAKI	2025-03-03

SEAL:
LICENSED PROFESSIONAL ENGINEER
V. BRUNELLE
100617887
PROVINCE OF ONTARIO
2026-11-18

CLIENT: Evolugen by Brookfield Renewable

PROJECT: SOUTH MARCH BESS
2555 AND 2625 MARCHURST RD, OTTAWA

TITLE: CIVIL
EROSION AND SEDIMENT CONTROL DETAILS

DESIGNED BY:	DRAFTED BY:
B. THOMAS	G. NORMAND
PREPARED BY:	CHECKED BY:
V. BRUNELLE	V. BRUNELLE
SCALE: AS SHOWN	DATE: 2025-02-27

DRAWING No.: 7154023-100000-41-D70-0002 | SHEET: 01 | SIZE: A1 | REV. AE

0 1 2 3 4 5 6 7 8 9 10 cm

CITY FILE no.: D07-12-25-0096 PLAN no.: 19401

BY:BOURGUIGNON, EMILY
PRINTED:2026-11-18 11:57:32