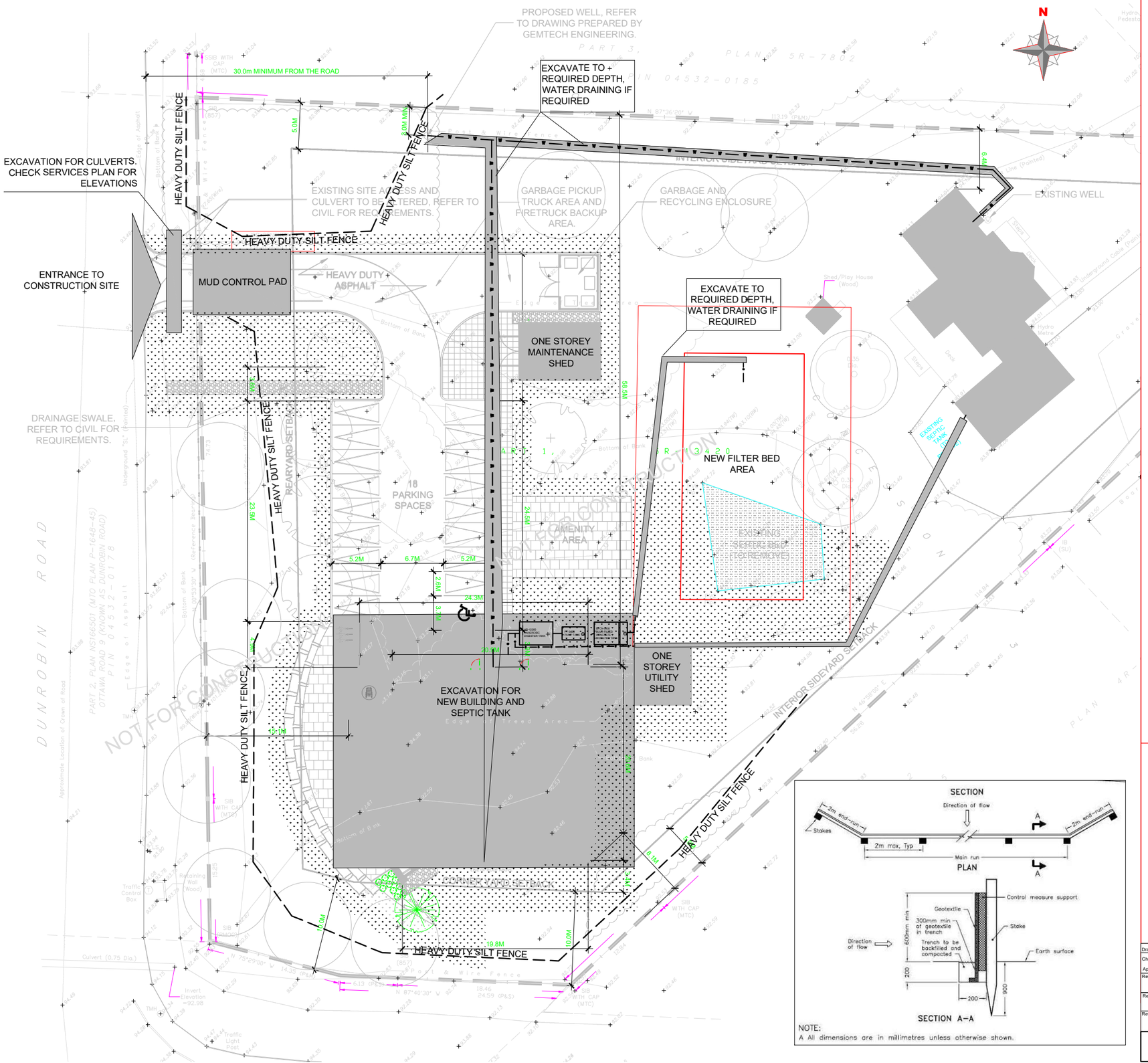


APPROVED

By Adam Brown at 10:13 am, Feb 16, 2024

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

1. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THIS INCLUDES LIMITING THE AMOUNT OF EXPOSED SOIL, USING FILTER CLOTH UNDER THE GRATES OF CATCH BASINS AND MANHOLES AND INSTALLING SILT FENCES AROUND PERIMETER OF THE SITE AND OTHER EFFECTIVE SEDIMENT TRAPS. 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. EROSION CONTROL MEASURES SHOWN ON PLANS SHALL NOT BE MOVED OR MODIFIED WITHOUT THE APPROVAL OF THE INSPECTOR OR CONSERVATION AUTHORITY.

3. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES IN WORKING ORDER TO THE SATISFACTION OF THE CITY ENGINEER THROUGHOUT THE CONSTRUCTION PHASE OF THE PROJECT AND UNTIL PERMANENT GROUND COVER AND LANDSCAPING IS ESTABLISHED.

4. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL MEASURES AS MAY BE REQUIRED BY THE CITY ENGINEER DUE TO COMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES WHICH MAY ARISE.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS ONTO AREAS WHERE IMPOUNDED WATERS CREATE A HAZARDOUS CONDITION.

6. DUST CONTROL BEST MANAGEMENT PRACTICES SHALL BE USED TO STABILIZE SOIL FROM WIND EROSION, AND REDUCE DUST GENERATED BY CONSTRUCTION ACTIVITIES AND MAY INCLUDE STABILIZATION OF UNPAVED CONSTRUCTION ROADS AND PARKING AND STAGING AREAS; WATER SPRAYING, MULCHING, COVERING STOCKPILES WITH TARPS, RAPID CLEANUP OF SEDIMENT DEPOSITED ON PAVED ROADS AND STABILIZATION OF SITE ENTRY/EXIT WITH MUD MATS.

7. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED BEFORE AND AFTER ALL STORMS TO ENSURE MEASURES ARE FUNCTIONING PROPERLY. QUALIFIED PERSONNEL SHALL CONDUCT INSPECTION OF CONSTRUCTION SITE PRIOR TO ANTICIPATED STORM EVENT, DURING STORM EVENT AND AFTER ACTUAL STORM EVENT TO IDENTIFY AREAS CONTRIBUTING TO A DISCHARGE OF WATER ASSOCIATED TO CONSTRUCTION ACTIVITIES.

8. DEWATERING TRAP SHALL BE EQUIPPED WITH DEWATERING PUMP. PUMP INTAKE SHALL BE EQUIPPED WITH FILTER TO PREVENT SILT AND SEDIMENT TO ENTER INTO THE PUMP AND FURTHER TO STORMWATER SYSTEM. DEWATERING TRAP BOTTOM SHALL BE OF PLASTIC FABRIC.

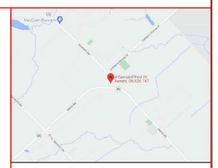
9. DEWATERING SWALES SHALL BE COMBINED WITH STRAW BALES TO CAPTURE SEDIMENT AND FINE SILT PARTICLES. EXCESS OF ACCUMULATED MATERIAL SHALL BE REMOVED AND DEPOSITED AS PER INSPECTOR'S INSTRUCTIONS.

10. ENTRANCE/EXIT SHALL BE PROTECTED WITH MUD MAT TO PREVENT EXCESSIVE DIRT AND MATERIAL DEPOSIT ON STREETS. MUD MAT SHALL BE MAINTAINED OPERATIONAL FOR DURATION OF CONSTRUCTION.

11. PERSONNEL ON CONSTRUCTION SITE SHALL BE INFORMED ON SEDIMENT AND EROSION CONTROL MEASURES IMPLEMENTED, THE LOCATION OF SWALES, TRAPS, FENCES AND PUMP(S), EMERGENCY OPERATION AND MAINTENANCE OF EQUIPMENT.

12. ALL ROAD CUTS TO BE REINSTATED WITH ASPHALT OVERLAY TO THE STANDARDS OF CITY OF OTTAWA. ALL FILTER FABRICS AND SAND BAGS TO BE REMOVED AFTER THE CONSTRUCTION AND DISPOSED PROPERLY.

13. CONTRACTOR IS RESPONSIBLE FOR KEEPING ROADS FREE AND CLEAN FROM MUD OR DEBRIS.



4 Campbell Reid.: KEY MAP

LEGEND

- INLET PROTECTION COVER
- EXCAVATION FOR BUILDING
- TRENCH EXCAVATION
- HEAVY DUTY SILT FENCE TRENCH EXCAVATION
- PROPERTY LINE

0 1 2 3 4 5 10 m

Drawn by:	Z.M.	
Checked by		
Approved by	Z.M.	
Rev 1	Date: Dec 2022	Description: City comments
Rev 2	Date: April 2023	Description: City comments
Rev 3	Date:	Description:

ARCH-NOVA Design Inc.
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Erosion & Sediment Control

Location	4 Campbell Reid Crt, Donrobin, ON
Owner	Dr. Andrzej Olender 1405 Houston Cres., Ottawa, ON, K2W 1B6
Project No	CW-01-20
Date	August 2023
Drawing No	W-02
Scale	1:200

LICENSED PROFESSIONAL ENGINEER — 18.08.2023 — Z. MRDJA — PROVINCE OF ONTARIO — # 100859

City of Ottawa File No: D07-12-23-0140