

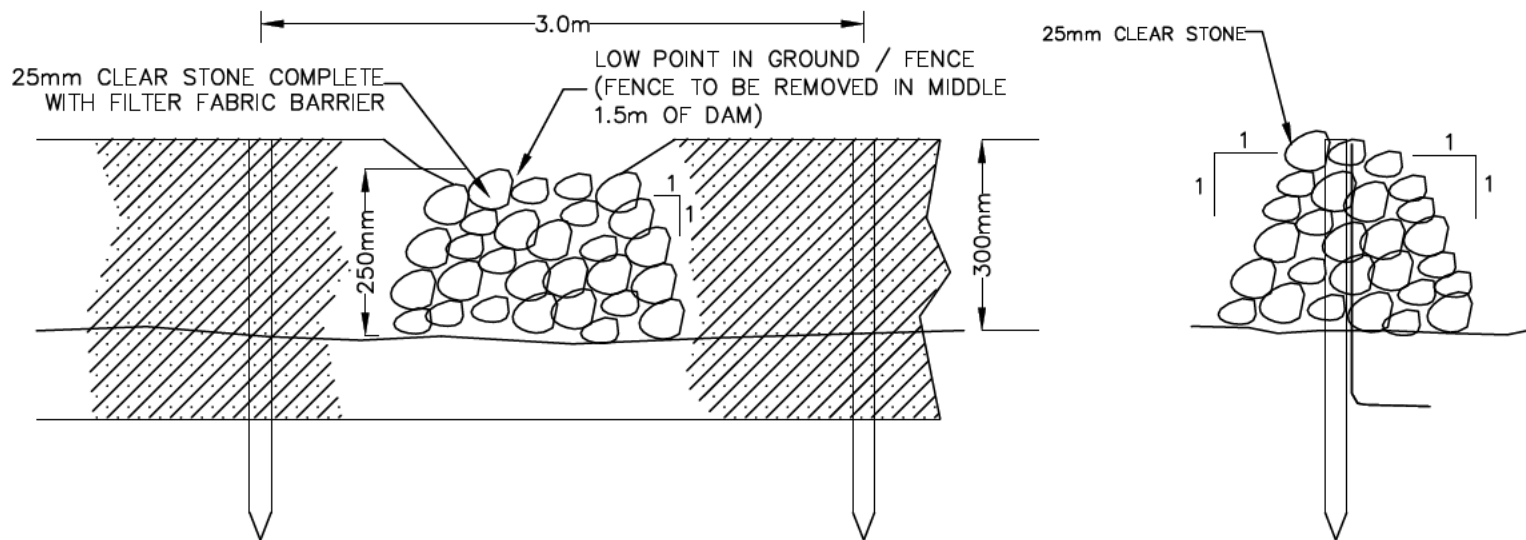
EROSION AND SEDIMENT CONTROL GENERAL NOTES

- CONTRACTOR TO PROVIDE EROSION AND CONTROL PLAN TO LOCAL AUTHORITY HAVING JURISDICTION. THIS SUBMISSION MUST BE STAMPED AND SIGNED BY A GEOTECHNICAL ENGINEER REGISTERED TO PRACTICE IN NOVA SCOTIA.
- CONSTRUCTION ACTIVITY TO BE CARRIED OUT BASED ON THE PRINCIPLE THAT PREVENTION OF SEDIMENT LADEN RUN-OFF IS THE FOCUS RATHER THAN RELYING ON TREATMENT AT OUTFALL. THIS IS TO BE ACCOMPLISHED BY MINIMIZING EXPOSED SOIL. ONCE EXCAVATION HAS BEGUN IN A PARTICULAR AREA, THE WORK IS TO BE COMPLETED IN THAT AREA, INCLUDING FINAL GRADING AND STABILIZATION. ON THIS PROJECT IT WILL BE UNACCEPTABLE TO CONSTRUCT THE ENTIRE PROJECT AND THEN DO ALL STABILIZATION WORK. SOIL STABILIZATION WORK ON THIS PROJECT WILL BE AN ONGOING PROCESS HEAVILY INFLUENCED BY WEATHER FORECASTS.
- ALL WORKS TO BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF NOVA SCOTIA ENVIRONMENT.
- CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS TO PERFORM WORKS, AND COMPLY WITH ALL PERMIT REQUIREMENTS AND CONDITIONS INCLUDING THE PROVISION OF SECURITY.
- CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF NATURAL WATERCOURSES FROM DAMAGE DUE TO SILTATION RUN-OFF FROM THE CONSTRUCTION SITE. ACCEPTABLE CONSTRUCTION PROCEDURES MAY BE OBTAINED FROM THE "EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION SITES", CURRENT EDITION BY NOVA SCOTIA ENVIRONMENT.
- CONTRACTOR TO MONITOR ENVIRONMENT CANADA'S 5 DAY FORECAST ON A DAILY BASIS. WHEN RAIN IS FORECAST, CONTRACTOR TO ENSURE THAT ALL EXPOSED AREAS ARE STABILIZED PRIOR TO RAINFALL EVENT. ENVIRONMENT CANADA'S WEATHER LINE 426-9090.
- CONTRACTOR TO INSPECT SEDIMENT CONTROL STRUCTURES AND MAKE NECESSARY REPAIRS ON A WEEKLY BASIS AND BEFORE AND AFTER EACH RAINFALL EXCEEDING 10mm. CONTRACTOR TO KEEP A LOG DOCUMENTING INSPECTIONS, REMEDIATION ACTION AND WEEKLY REPORT OF EXPOSED AREAS.
- TRIBUTARY STORMWATER FROM SITE TO BE DIRECTED TO SEDIMENTATION CONTROL DEVICES AT ALL TIMES DURING CONSTRUCTION.
- CONTRACTOR TO INSTALL AND MAINTAIN DIVERSION DITCHES AROUND AND THROUGH THE SITE AS NECESSARY TO KEEP CLEAN WATER CLEAN.
- CONTRACTOR TO HAVE ADDITIONAL SILT FENCE, BALED HAY AND LOOSE HAY AND/OR MULCH ON SITE FOR MAINTENANCE AND INSTALLATION OF ADDITIONAL MEASURES AS REQUIRED.
- COVER EXPOSED SURFACES WITH HAY, MULCH OR WOOD CHIPS AS REQUIRED TO PREVENT SEDIMENT RUN-OFF. MAINTAIN COVERAGE THROUGHOUT CONSTRUCTION PERIOD.
- WHERE SILT FENCE IS SHOWN AND GROUND IS TOO ROCKY TO INSTALL REGULAR SILT FENCE, CONTRACTOR MAY SUBSTITUTE WITH WOODCHIP BERM.
- CONTRACTOR TO LEAVE SEDIMENTATION BERMS AND PONDS IN SERVICE UNTIL PROJECT ENGINEER REQUESTS THAT THEY BE TAKEN OUT OF SERVICE.
- ALL LOT DRAINAGE EASEMENTS TO BE HYDROSEEDED AND MULCHED AT COMPLETION OF GRADING ACTIVITY.
- ALL EXPOSED AREAS NOT FINISHED WITH ASPHALT, CONCRETE, GRAVEL, OR SOD TO HAVE TOP SOIL AND BE HYDROSEEDDED.
- MAINTAIN CLEAN GRAVEL ACCESS ROAD TO SITE, PERIODICALLY APPLYING ADDITIONAL GRAVEL TO COVER MUD SURFACES. CONTRACTOR RESPONSIBLE TO CLEAN ADJACENT STREETS AS DIRECTED BY THE ENGINEER.
- RESTRICT VEHICLE ACCESS TO SITE AT CONSTRUCTION ENTRANCES.
- STOCKPILED MATERIALS ON-SITE MUST BE STABILIZED USING APPROPRIATE MEASURES INCLUDING SILT FENCE, HAY AND TARPS.
- ALL SEDIMENT CONTROL MEASURES TO BE FUNCTIONAL AT ALL TIMES DURING CONSTRUCTION.
- THE SEDIMENTATION AND EROSION CONTROL MEASURES OUTLINED ON THIS PLAN ARE RECOMMENDATIONS ONLY. DEPENDING ON SITE CONDITIONS DURING CONSTRUCTION, ADDITIONAL MEASURES MAY BE REQUIRED.
- INSTALL SILT SACKS IN DOWNSTREAM CATCHBASINS.

A SILT FENCE DETAIL 1

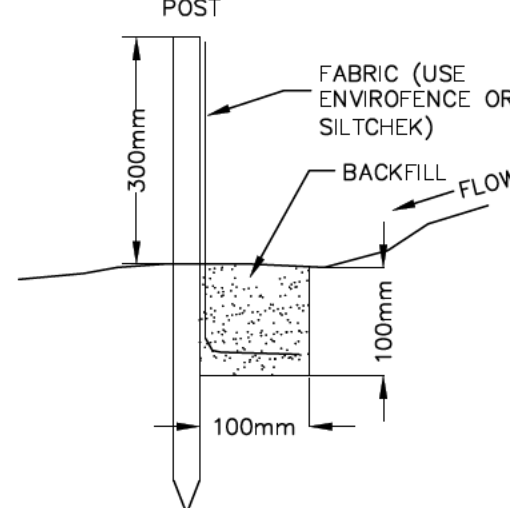
NTS

(USE THIS DETAIL FOR ANY LOCAL LOW POINTS IN THE SILT FENCE.)

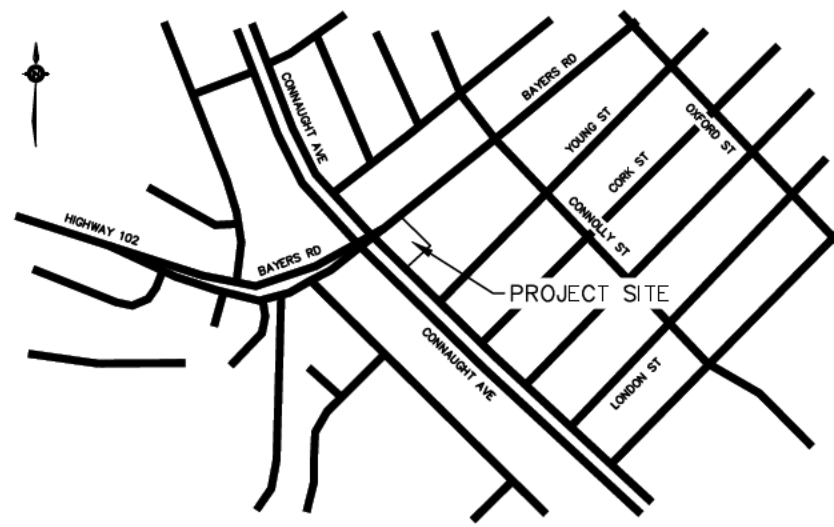


B SILT FENCE DETAIL 2

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KEYPLAN

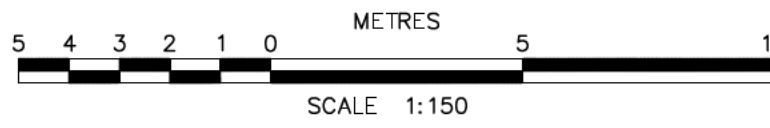


LEGEND

	PROPOSED	EXISTING
SPOT ELEVATION	23.45	x 23.89
TOP OF SLOPE	-----	-----
SWALE / DITCH	-----	-----
BOTTOM OF SLOPE	-----	-----
EDGE OF PAVEMENT	-----	-----
CURB	=====	=====
LOTLINE	-----	-----
UTILITY POLE & LINES	-----	-----
CATCH BASIN	-----	-----
FIRE HYDRANT	-----	-----
SHRUB/TREE	-----	-----
SILT FENCE	-----	-----
LIGHT STANDARD	-----	-----
ROAD SIGN	-----	-----
CULVERT	-----	-----
HEADWALL	-----	-----
FENCE	-----	-----
SIDEWALK	-----	-----

NOTES

DRAWINGS SUBJECT TO APPROVAL
PRIOR TO CONSTRUCTION.



3	ISSUED FOR REGULATORY REVIEW	18/11/2022
2	SITE PLAN ISSUED FOR APPROVAL	17/11/2022
1	ISSUED FOR COORDINATION	02/11/2022
0	ISSUED FOR REVIEW	28/10/2022

NO.	DESCRIPTION	CHK'D	DATE
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SEAL

HGE Engineering Inc.
Land Surveyors
Consulting Engineers

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Phone: (902) 880-1354
www.hge-inc.ca



CLIENT NAME & ADDRESS



Saint John, New Brunswick

PROJECT NAME & ADDRESS

**IRVING OIL
GAS BAR**

Bayers Road, Halifax, Nova Scotia

SHEET DESCRIPTION

GRADING PLAN

SHEET NO.	NUMBER OF SHEETS
C103	5
DRAWN BY: MLP	CHECKED BY: DTH
DATE: 18/11/2022	SCALE: 1:150 PROJECT NO. H22173