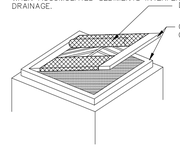
EROSION CONTROL NOTES:

1. PROTECT ALL EXPOSED SURFACES AND CONTROL RUNOFF DURING CONSTRUCTION.
2. ALL EROSION CONTROL MEASURES ARE TO BE PLACE BEFORE STARTING CONSTRUCTION AND REMAIN IN PLACE UNTIL RESTORATION IS COMPLETED.
3. MAINTAIN EROSION CONTROL MEASURES DURING CONSTRUCTION.
4. ALL COLLECTED SEDIMENT MUST BE DISPOSED OFF SITE AT AN APPROVED LOCATION.
5. ALL DEWATERING MUST BE DISPOSED OFF IN AN APPROVED SEDIMENT BASIN.
6. PROTECT ALL CATCH BASINS, MAINTENANCE HOLES, AND PIPE ENDS FROM SEDIMENT INTRUSION WITH GEOTEXTILE (TERRAFIX 270R OR EQUAL).
7. KEEP ALL SUMP CLEAR DURING CONSTRUCTION.
8. STRAW BALES TO BE USED IN LOCALIZED AREAS IF SHOWN ON THE DRAWING OR INDICATED BY THE ENGINEER ON SITE.
9. STRAW BALES TO BE TERMINATED USING ROUNDING BALES TO CONTAIN AND FILTER RUNOFF.
10. EROSION AND SEDIMENT CONTROL DEVICES ARE TO BE INSPECTED MINIMUM WEEKLY, AFTER RAINFALL AND MAINTAINED AND CLEANED AS REQUIRED.

NOTE

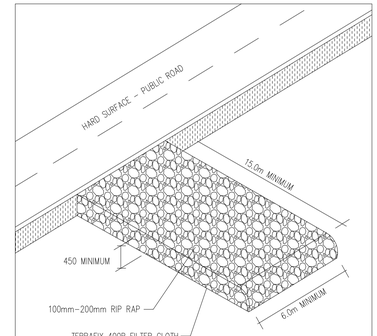
1. TO BE USED UNDER APPROPRIATE DRAINAGE CIRCUMSTANCES, BETWEEN APRIL AND DECEMBER
2. WOVEN GEOTEXTILE TO HAVE EQUIVALENT OPENING SIZE OF 0.15mm AND A MAXIMUM EQUIVALENT OPENING SIZE OF 0.25mm
3. WOVEN GEOTEXTILE TO BE REPLACED PERIODICALLY WHEN ACCUMULATED SEDIMENTS INTERFERES WITH DRAINAGE.



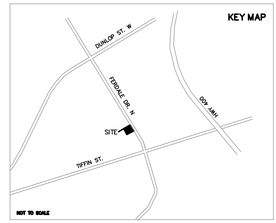
CATCHBASIN SEDIMENT PROTECTION — 1 / SW1

LEGEND

226.96	PROPOSED GROUND ELEVATION	RD	PROPOSED ROOF DRAIN
173.01	EXISTING GROUND ELEVATION	O.G.S.	OIL GRIT SEPERATOR
2.0%	PROPOSED SLOPE	C.M.H.	CONTROL MANHOLE
	LIMIT OF GRADING	TC	TOP OF CURB
SILT	SILT FENCE	BC	BOTTOM OF CURB
STORM STORM	PROPOSED STORM PIPE	H.P.	HIGH POINT
	PROPOSED MANHOLE		
	PROPOSED CATCHBASIN		



TEMPORARY CONSTRUCTION ACCESS (MUD MAT) — NOT TO SCALE — 2 / SW1



CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND MUST REPORT ANY DISCREPANCIES TO THE DESIGNER BEFORE PROCEEDING WITH CONSTRUCTION.

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION PURPOSE UNLESS SIGNED BY THE ARCHITECT/ENGINEER.

DO NOT SCALE DRAWINGS.

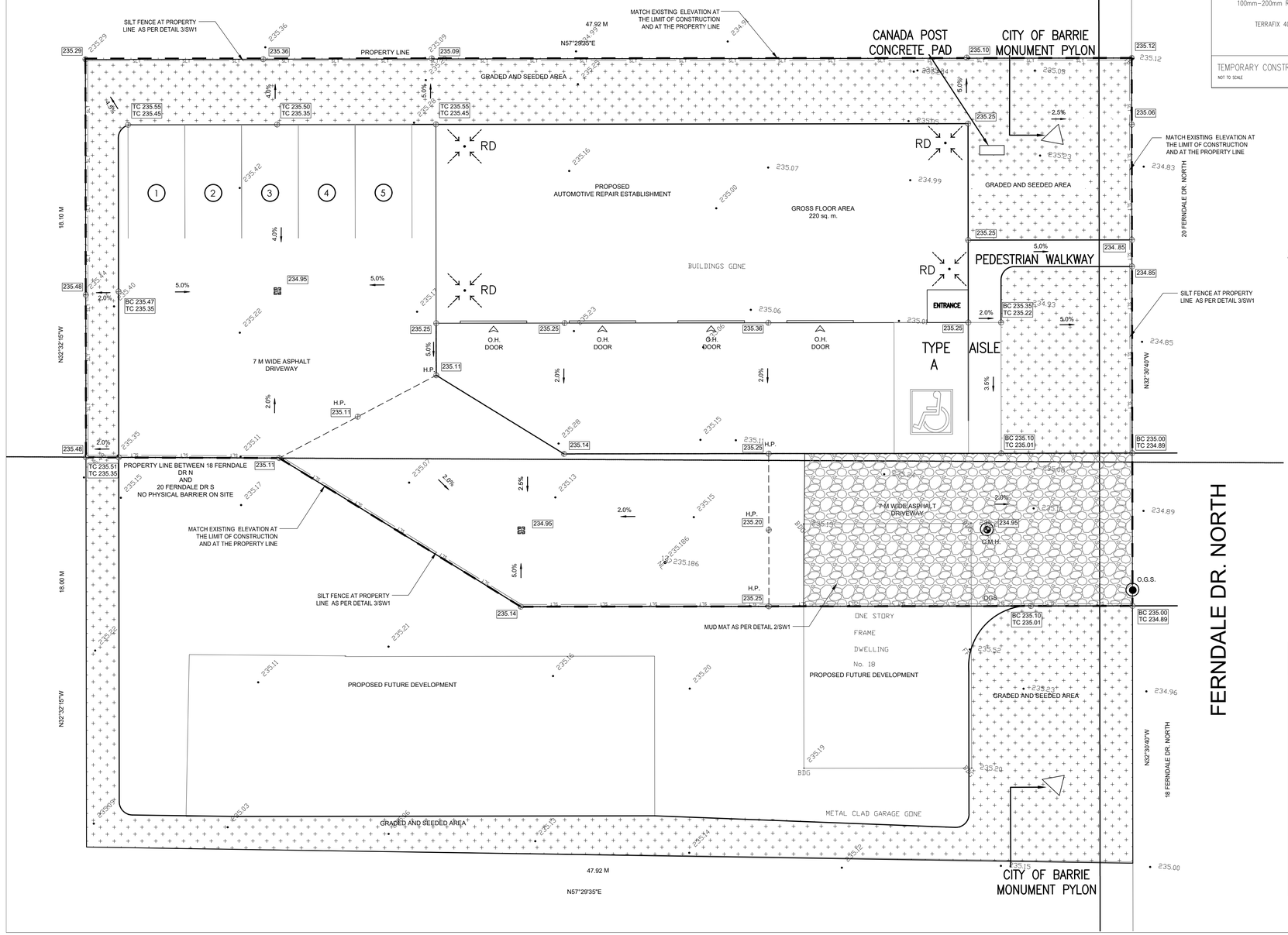
SURVEY NOTE

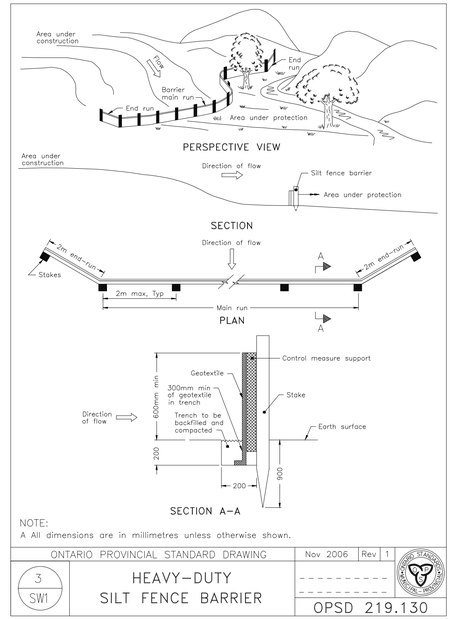
SURVEY WAS COMPLETED BY EPLETT & WOROBEC SURVEYING LTD. JUNE 10, 2008

BEARING NOTE

BEARING ARE ASTRONOMIC AND ARE REFERRED TO PART OF THE WEST LIMIT OF FERNDALE DRIVE AS SHOWN ON PLAN 51R-33865, HAVING A BEARING OF N32°30'40"

NO.	DESCRIPTION	DATE	BY
0	ISSUED FOR PERMIT	04/04/21	HS





NOTE:
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING — Nov 2006 — Rev 1

3 / SW1 — HEAVY-DUTY SILT FENCE BARRIER — OPSD 219.130

GENERAL CONSTRUCTION NOTES:

1. MAINTAIN A COPY OF PERMIT ON THE SITE.
2. NOTIFY ALL SUBCONTRACTORS AND SUPPLIERS OF APPROVED ACCESS ROUTES TO THE SITE AND ENSURE COMPLIANCE WITH THESE INSTRUCTIONS.
3. ALL SURFACE DRAINAGE WILL BE SELF CONTAINED, COLLECTED AND DISCHARGED AT A LOCATION TO BE APPROVED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
4. ALL EXCESS EXCAVATED MATERIAL WILL BE REMOVED FROM THE SITE.
5. THE EXISTING DRAINAGE PATTERN WILL BE MAINTAINED EXCEPT WHERE NOTED.
6. THE APPLICANT WILL BE REQUIRED TO CONTACT ALL UTILITY COMPANIES TO OBTAIN ALL REQUIRED LOCATES PRIOR TO THE INSTALLATION OF HOARDING WITHIN THE MUNICIPAL RIGHT OF WAY.
7. THE APPLICANT WILL BE RESPONSIBLE FOR THE COST OF ANY UTILITY RELOCATIONS NECESSITATED BY THE SITE PLAN.
8. PRIOR TO CONSTRUCTION TAKING PLACE, ALL REQUIRED HOARDING IN ACCORDANCE WITH THE ONTARIO OCCUPATIONAL HEALTH & SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS MUST BE ERECTED AND THEN MAINTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION.
9. DOWNSPOUTS TO DISCHARGE ONTO THE GROUND VIA SPLASH PADS.
10. ALL LANDSCAPING AND GRADING WITHIN CLOSE PROXIMITY TO THE PROPOSED ACCESS POINTS IS TO BE DESIGNED TO ENSURE THAT ADEQUATE SIGHT DISTANCES ARE AVAILABLE FOR ALL APPROACHING AND EXITING MOTORISTS AND PEDESTRIANS.
11. ALL DISTURBED AREAS DURING CONSTRUCTION MUST BE RESTORED TO THE ORIGINAL CONDITION OR BETTER. ALL GRASS OR VEGITATION COVERED AREAS MUST BE RESTORED BY PLACING MINIMUM 100mm APPROVED TOPSOIL AND SEEDED OR SODDED TO THE SATISFACTION OF THE TOWN/CITY.
12. SILT FENCE IS TO BE INSTALLED PRIOR TO STRIPPING TOPSOIL AND TO BE MAINTAINED UNTIL ALL CONSTRUCTION IS COMPLETE.
13. MUD-MAT TO BE CONSTRUCTED PRIOR TO COMMENCING CONSTRUCTION AND TO BE MAINTAINED UNTIL ALL CONSTRUCTION IS COMPLETE.
14. MONITOR AND MAINTAIN ALL EXISTING ROAD AND STORM DRAINAGE SYSTEM
15. MAINTAIN ALL ROADS IN SAME OR BETTER CONDITION THAN EXISTED PRIOR TO COMMENCEMENT OF WORK AND KEEP ALL ROAD FREE FROM ANY MATERIALS OR EQUIPMENT ARISING FROM THE WORK SET OUT IN THE PERMIT.
16. ANY ABOVE GROUND UTILITIES LOCATED WITHIN 1.5M OF A PROPOSED ACCESS ARE TO BE RELOCATED AT THE APPLICANT'S EXPENSE.
17. STANDARD DRAWINGS OF CITY OF BARRIE AND MINISTRY OF TRANSPORTATION ARE PART OF THE WORK.
18. ALL DIMENSIONS MUST BE CHECKED AND CONFIRMED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF THE CONSTRUCTION.
19. ALL CONTRACTORS MUST ROUGH GRADE THE SITE WITHIN 600mm OF FINISHED GRADE PLUS OR MINUS 100mm AS SHOWN ON THE GRADING PLAN.
20. ALL CONSTRUCTION WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENT OF OCCUPATIONAL HEALTH AND SAFETY ACTS AND REGULATIONS FOR CONSTRUCTION PROJECTS.
21. ALL CONSTRUCTION SIGNAGE MUST CONFORM TO M.T.O. MANUAL "UNIFORM TRAFFIC CONTROL DEVICE" LATEST EDITION.

PROPOSED TRACTOR TRAILLER PARKING LOT

20 FERNDALE DR. N, BARRIE, L4N 9V4, ON

MEM ENGINEERING INC
3355 LEHIGH CRES,
MISSISSAUGA, ON, L4T1W9
416-558-6755
Email: harry@memengineering.ca

LICENSED PROFESSIONAL ENGINEER — H. SINGH — 100156144 — 2021-4-4 — PROVINCE OF ONTARIO

CONTRACTOR SHALL CHECK DIMENSIONS

Drawn by	SB
Date	04/04/2021
Scale	1:100
Project Number	21-002-20
DRAWING NAME	LOT GRADING PLAN
SHEET NUMBER	SW1