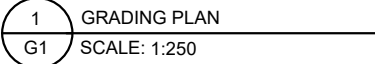


G1



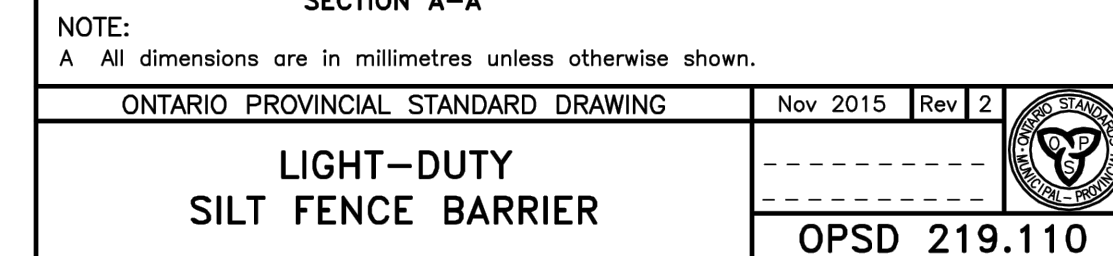
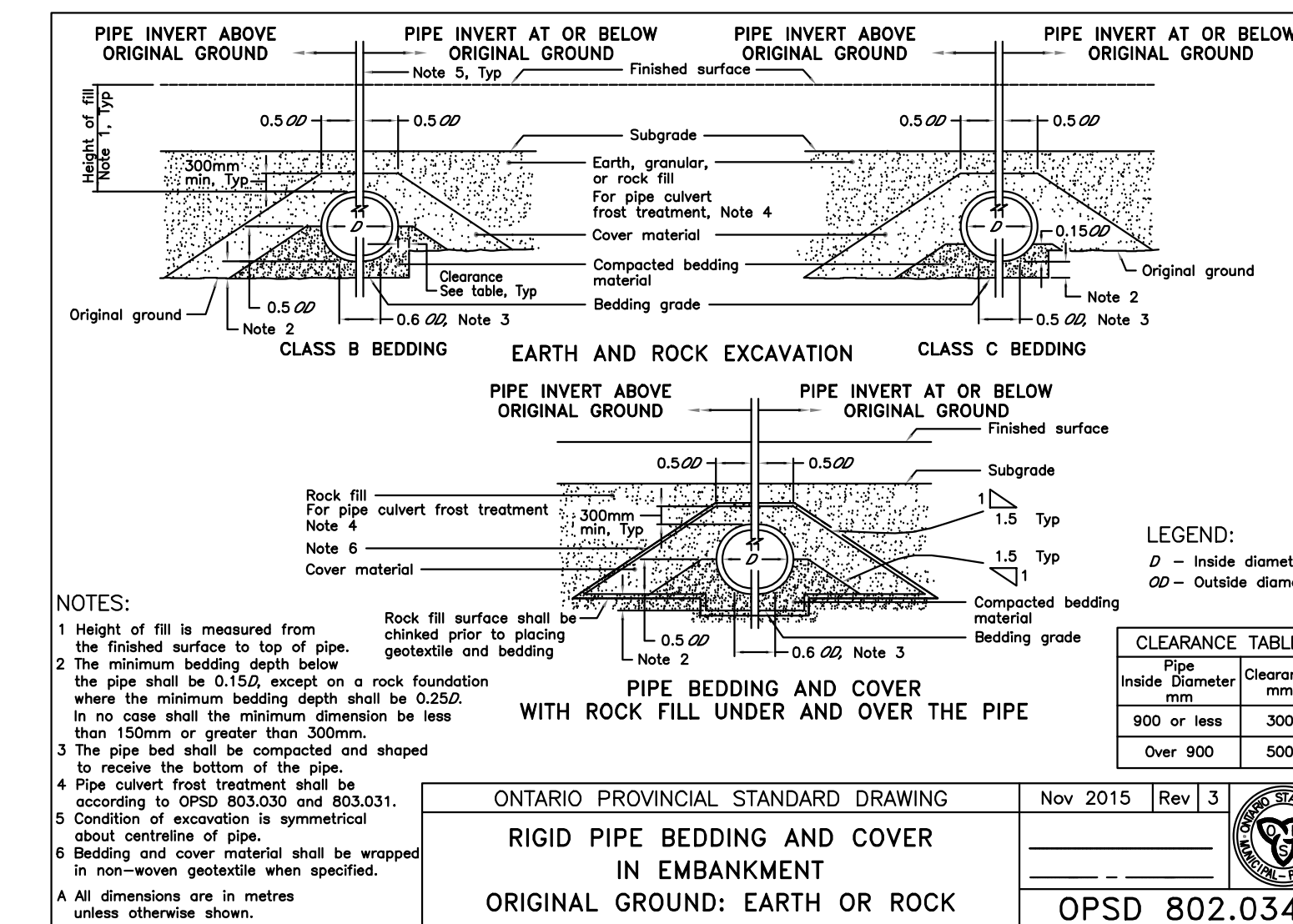
RAWN BY: S.C.	PRINT DATE: 2024-08-16
AGE DESCRIPTION: GRADING PLAN	
SCALE: AS NOTED	
FILE: 8459-1	
AGE NUMBER:	

G2

1. DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
2. ALL CONSTRUCTION WORK TO BE COMPLETED IN CONFORMANCE WITH ALL APPLICABLE (MOST RECENT) STANDARDS.
3. THE PLANS PREPARED BY STONECREST ENGINEERING INC. ARE NOT TO BE USED FOR CONSTRUCTION UNTIL SIGNED BY THE ENGINEER AND ACCEPTED BY THE APPROVING AGENCY; THESE PLANS ARE NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF STONECREST ENGINEERING INC.
4. THE CONTRACTOR IS TO VERIFY THE EXISTING CONDITION OF THE SITE. THE VERIFICATION INCLUDES AND NOT LIMITED TO THE SERVICE LOCATION, SERVICE ELEVATIONS, UTILITY CONFLICTS AND BENCHMARK ELEVATIONS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY AND PRIOR TO THE CONTINUATION OF CONSTRUCTION.
5. THESE PLANS ARE TO BE USED FOR SERVICING AND GRADING ONLY; ANY OTHER INFORMATION SHOWN IS FOR ILLUSTRATION PURPOSES ONLY. THESE PLANS MUST NOT BE USED TO SITE THE PROPOSED BUILDING.
6. UTILITY LOCATES AND ALL APPLICABLE PERMITS ARE TO BE OBTAINED PRIOR TO THE START OF CONSTRUCTION AND INSPECTION BEING COMPLETED.
7. PIPE BEDDING FOR SEWERS TO BE CLASS "B" PER OPSD 802.010 UNLESS OTHERWISE NOTED.
8. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ALL INSPECTIONS ON ALL SERVICES AND ALL CONNECTIONS TO THE BUILDINGS.
9. ALL SERVICING TO MEET TOWN OF PETAWAWA SPECIFICATIONS, DESIGN GUIDELINES AND SUPPLEMENTARY SPECIFICATIONS FOR MUNICIPAL SERVICES.
10. PARKING LOT GRADES SHOWN ARE TOP OF ASPHALT OR GRAVEL.
11. DISTURBED GRASSED AREAS ON SITE TO BE RENESTATED WITH 300mm OF TOPSOIL, SEED & MULCH. GRASSED AREAS WITHIN THE TOWNSHIP R.O.W. TO BE RESTORED WITH 300mm OF TOPSOIL, SEED & MULCH.
12. TYPICAL PAVEMENT STRUCTURE TO BE CONFIRMED BY A SOILS CONSULTANT.

<u>ON SITE PAVEMENT</u>	<u>APRON TO ROADWAY</u>
HL 3 - 50mm	HL 3 - 50mm
HL 6 - 50mm	HL 6 - 50mm
GRANULAR 'A' - 150mm	GRANULAR 'A' - 150mm
GRANULAR 'B' 450mm	GRANULAR 'B' 450mm
13. ALL DITCH INLET CATCH BASINS TO BE AS PER OPSD 705.010 WITH OPSD 400.120 FRAME AND GRATE (SRIDGE TYPE) AND TO INCLUDE 0.6m SUMPS.
14. ALL CATCH BASIN MANHOLES TO BE AS PER OPSD 701.010 WITH OPSD 401.010 TYPE 'B' FRAME AND GRATE AND TO INCLUDE 0.6m SUMPS.
15. SANITARY MANHOLES TO BE AS PER OPSD 701.010 WITH OPSD 401.010 TYPE 'A' FRAME AND GRATE AND BENCHED.
16. FOLLOWING COMPLETION OF PROPOSED WORKS AND PRIOR TO OCCUPANCY INSPECTION, ALL STORM AND SANITARY SEWERS ARE TO BE FLUSHED, AND ALL CATCHBASIN AND CATCHBASIN MANHOLE SUMPS ARE TO BE CLEANED OF DEBRIS AND SILT.
17. ALL COLLECTED SEDIMENT TO BE DISPOSED OF AT AN APPROVED LOCATION IN CONFORMANCE TO THE MEOP EXCESS SOIL REGULATION.

1. SITE WORKS ARE TO BE STAGED IN SUCH A MANNER THAT EROSION WILL BE MINIMIZED AND THAT BARRIERS AND SEDIMENTATION FACILITIES WITHIN THE SITE ARE PROVIDED TO CONTROL ANY EROSION THAT DOES OCCUR.
2. ALL SILT FENCING (OPSD 216.110) TO BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY GRADING, EXCAVATING OR DEMOLITION.
3. STOCKPILE OF EARTH OR TOPSOIL ARE TO BE LOCATED AND PROTECTED TO MINIMIZE ENVIRONMENTAL INTERFERENCE. STOCKPILES SHOULD NOT BE LOCATED NEARBY TO ADJACENT TO HIGHWAYS OR ROAD ALLOWANCES. EROSION CONTROL FENCING IS TO BE INSTALLED AROUND THE BASE OF ALL STOCKPILES. A PERMETER DITCH LEADING TO A SETTLING AREA OR SEDIMENTATION TRAP SHOULD BE INSTALLED AROUND THE STOCKPILE.
4. EROSION PROTECTION (SILT FENCE) TO BE PROVIDED AROUND ALL EXISTING DITCHES, SWALES AND WATERCOURSES.
5. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE DEVELOPMENT PROGRESSES. THE CONTRACTOR IS TO PROVIDE ALL ADDITIONAL EROSION CONTROL STRUCTURES.
6. EROSION CONTROL STRUCTURES ARE TO BE MONITORED REGULARLY AND ANY DAMAGE TO STRUCTURES REPAIRED IMMEDIATELY. SEDIMENTS ARE TO BE REMOVED WHEN ACCUMULATIONS REACH A MAXIMUM OF 1/2 THE HEIGHT OF THE FENCE. CLOGGED FILTER MATERIALS SUCH AS CRUSHED STONE, STRAW BALES OR FILTER CLOTH MUST BE REPLACED AS REQUIRED.
7. ALL EROSION CONTROL STRUCTURES ARE TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN RESTABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.
8. NO ALTERNATIVE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE ENGINEER AND APPROVING AUTHORITY.
9. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT MUNICIPAL ROADSWAYS ARE CLEARED OF ALL SEDIMENTS FROM VEHICULAR TRACKING ETC. TO AND FROM THE SITE AT THE END OF EACH WORK DAY.



A	AUG 16/24	ISSUED FOR REVIEW
NO	DATE:	DESCRIPTION:

PROJECT NORTH	TRUE NORTH
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**DRAFT - NOT FOR
CONSTRUCTION**

PROFESSIONAL ENGINEER'S SEAL



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ENGINEERING INC.
EST. 1995

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519-625-8025 ~ info@stonecrestengineering.com

CONTRACTOR TO CHECK ALL DIMENSIONS AND
ELEVATIONS AND REPORT ANY DISCREPANCIES TO
THE ENGINEER BEFORE PROCEEDING WITH THE WORK

DO NOT SCALE THE DRAWINGS

CLIENT:	ANAERGIA
LOCATION:	560 ABBIE LANE, PETAWAWA, ON
PROJECT TYPE:	SECONDARY STORAGE AND STORMWATER DESIGN
PROJECT STATUS AND VERSION:	SITE GRADING

DRAWN BY: S.C.	PRINT DATE: 2024-08-16
PAGE DESCRIPTION: DETAILS	
SCALE: AS NOTED	
FILE: 8459-1	
PAGE NUMBER:	