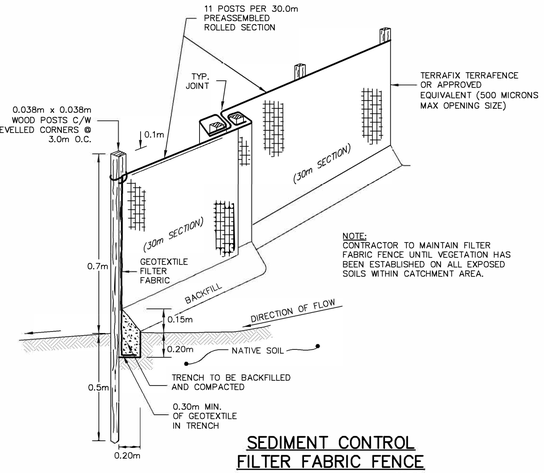
P:\P\49129\100\49129-100-C2

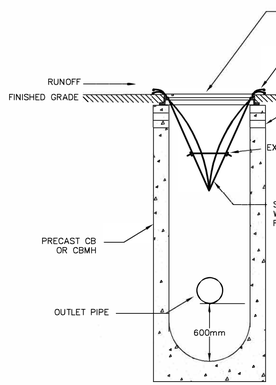
SITE FILE PATH:



NOTE:
CONTRACTOR TO MAINTAIN FILTER FABRIC FENCE UNTIL VEGETATION HAS BEEN ESTABLISHED ON ALL EXPOSED SOILS WITHIN CATCHMENT AREA.

SEDIMENT CONTROL FILTER FABRIC FENCE

N.T.S.

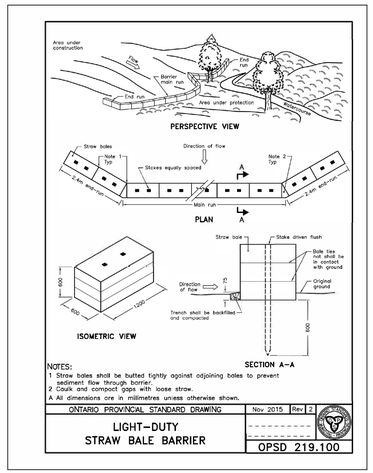


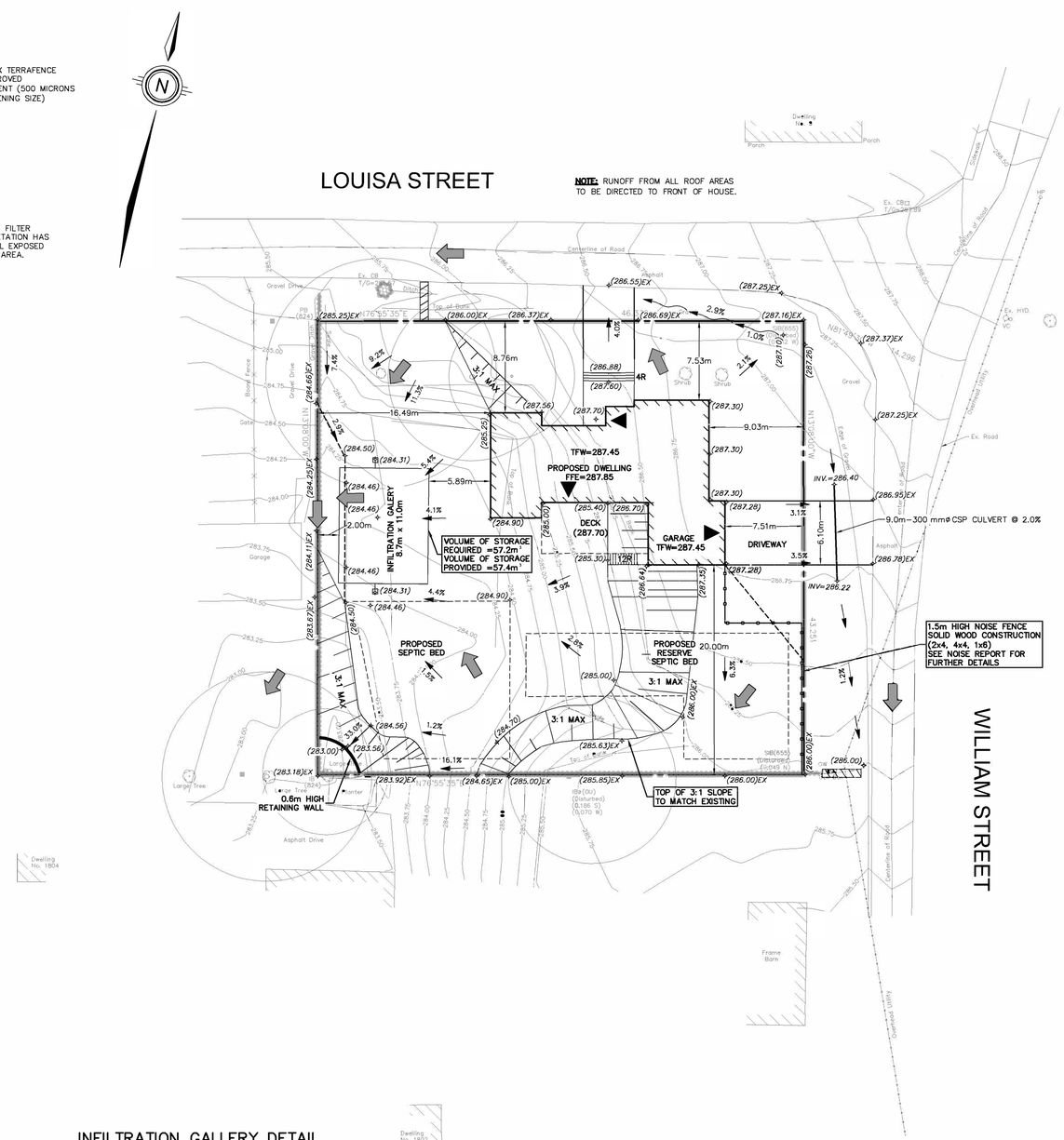
MAINTENANCE SCHEDULE

- INSPECT AFTER EVERY MAJOR RAIN EVENT.
- INSPECT EVERY 3 WEEKS MINIMUM.
- SILTSACK SHOULD NEVER BE OVER HALF FULL.
- FULL BAG CAN BE REMOVED, DUMPED, CLEANED AND REUSED (TO REMOVE INSERT 25mm REBAR INTO REMOVAL FLAP POCKETS) (TO DUMP INSERT 25mm REBAR INTO BOTH DUMPING STRAPS)

TEMPORARY SILTSACK SILTATION CONTROL IN CB

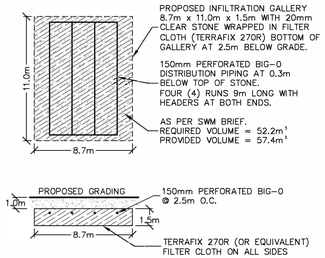
N.T.S.





INFILTRATION GALLERY DETAIL

SCALE: 1:250



1. EROSION AND SEDIMENT CONTROL

1.1. CONTRACTOR TO INSTALL EROSION CONTROL MEASURES AS SHOWN PRIOR TO CONSTRUCTION AND MAINTAIN IN GOOD CONDITION UNTIL CONSTRUCTION IS COMPLETED AND ALL DISTURBED GROUND SURFACES HAVE BEEN RESTABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE COVER.

1.2. ALL SEDIMENT CONTROL FENCING TO BE INSTALLED PRIOR TO ANY AREA GRADING, EXCAVATING OR DEMOLITION COMMENCING.

1.3. EROSION PROTECTION TO BE PROVIDED AROUND ALL STORM AND SANITARY MHs AND CBs.

1.4. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE DEVELOPMENT PROGRESSES. CONTRACTOR TO PROVIDE ALL ADDITIONAL EROSION CONTROL STRUCTURES.

1.5. EROSION CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN RESTABILIZED.

1.6. NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE ENGINEER AND THE LOCAL MUNICIPALITY'S DEPARTMENT OF PUBLIC WORKS.

1.7. CONTRACTOR TO CLEAN ROADWAY AND SIDEWALKS OF SEDIMENTS RESULTING FROM CONSTRUCTION TRAFFIC FROM THE SITE EACH DAY.

1.8. CONTRACTOR MUST REMOVE EROSION AND SEDIMENTATION FENCING PRIOR TO COMPLETION OF PROJECT. CONTRACTOR TO HAVE EROSION AND SEDIMENTATION FENCE INSPECTED WHEN VEGETATION HAS ESTABLISHED, BUT PRIOR TO FENCE BECOMING OVERGROWN. ENGINEER'S REPRESENTATIVE TO DETERMINE IF VEGETATION HAS REACHED THE CRITICAL POINT AND WILL THEN INSTRUCT CONTRACTOR TO REMOVE FENCE.

1.9. INSPECTIONS SHOULD BE WEEKLY AND FOLLOWING MAJOR PRECIPITATION EVENTS.

PART OF
LOTS 116, 119, 120 & 121
AND ALL OF
LOTS 117 & 118
REGISTERED PLAN 330
IN THE
CITY OF HAMILTON

LOT SIZE: 2003.12m²
LOT COVERAGE: 302.84m² (15.1%)
FLOOR AREA: MAIN 149.24m²
GARAGE 70.86m²
UPPER 158.54m²
TOTAL GFA 378.64m² (18.9%)

LEGEND OF EXISTING FEATURES

- SITE BOUNDARY
- EXISTING SPOT ELEVATIONS/CONTOURS
- EXISTING DIRECTION OF DRAINAGE/SWALE
- EXISTING BUILDING
- EXISTING FENCE
- EXISTING EMBANKMENT (SLOPE AS NOTED)

LEGEND OF PROPOSED FEATURES

- (326.00) T/G=326.00 FFE=326.00 — PROPOSED SPOT ELEVATIONS; EX =MAINTAIN EXISTING; T/G =TOP OF CASTING/GRATE; INV =INVERT ELEVATION; FFE =FINISHED FLOOR ELEVATION
- 1.0% 1.0% — DIRECTION OF DRAINAGE/SWALE
- DRAINAGE SPLIT (RIDGE)
- EMBANKMENT (SLOPE AS NOTED)
- PROPOSED BUILDING
- PROPOSED NOISE FENCE
- CONCRETE CURB
- SEDIMENT CONTROL FENCE (SEE DETAIL ON THIS PAGE)
- CATCH BASIN SILT SACK (SEE DETAIL ON THIS PAGE)
- STRAW BALE FILTER AS PER OPSD 219.100 (SEE DETAIL ON THIS PAGE)
- OVERLAND FLOW ROUTE (MAJOR STORM)

1. GRADING NOTES

1.1. ANY CHANGES IN GRADES AND CATCH BASINS REQUIRE THE APPROVAL OF THE DIRECTOR OF DEVELOPMENT ENGINEERING, PLANNING AND ECONOMIC DEVELOPMENT DEPARTMENT.

1.2. FILTER FABRIC TO BE TERRAFIX 270R OR APPROVED EQUAL.

1.3. MAXIMUM GRASSED SLOPE TO BE 3:1. SLOPES GREATER THAN 3:1 TO BE LANDSCAPED WITH LOW MAINTENANCE GROUND COVER.

1.4. MINIMUM ASPHALT GRADE TO BE 1.0%, MINIMUM GUTTERLINE GRADE TO BE 0.5%

1.5. CONTRACTOR TO MATCH EXISTING GRADES AT PROPERTY LINE UNLESS OTHERWISE NOTED.

1.6. ALL DRIVEWAYS FROM PROPERTY LINES FOR THE FIRST 7.5m SHALL BE WITHIN 5% MAX. GRADE, THEREAFTER, ALL DRIVEWAYS SHALL BE WITHIN 10% MAXIMUM GRADES.

1.7. PRIOR TO REMOVING ANY EXCESS SOILS FROM THE SITE, CONTRACTOR TO CONTACT THE ARCHITECT FOR DIRECTION ON CREATING EARTHEN BERMS ON-SITE.

1.8. ALL LANDSCAPED AREAS ARE TO HAVE A MINIMUM 2.0% SLOPE.

1.9. ALL DISTURBED AREAS TO BE STABILIZE WITH HYDROSEED ON 100mm DEPTH OF TOPSOIL FOLLOWING GRADING ACTIVITIES. HYDROSEED SHALL BE MTO STANDARD ROADSIDE MIX AS PER OPSS 572.

1.10. ALL FOOTING FORMWORK ELEVATIONS AND SETBACKS ARE TO BE CONFIRMED BY A REGISTERED PROFESSIONAL ENGINEER OR REGISTERED ONTARIO LAND SURVEYOR PRIOR TO THE PLACING OF ANY CONCRETE.

1.11. PRIOR TO SUPERSTRUCTURE WORKS PROCEEDING AND THE RELEASE OF THE COMPLETION STAGE PERMIT, THE OWNER'S CONSULTANT MUST CERTIFY THAT THE TOP OF FOUNDATIONS ARE IN CONFORMITY WITH THE GRADING PLAN REVIEWED BY THE CITY.

1.12. ALL RAINWATER LEADERS SHALL DISCHARGE ONTO SPLASH PADS AT GROUND LEVEL AT THE LOCATIONS INDICATED ON THE PLAN.

1.13. EXISTING BOUNDARY ELEVATIONS ALONG THE SITE PERIMETER SHALL REMAIN UNDISTURBED. DRAINAGE RECEIVED FROM ADJACENT PROPERTIES SHALL BE ACCOMMODATED AND DRAINAGE FROM THE SUBJECT LANDS SHALL BE SELF CONTAINED.

1.14. ALL YARD AREAS SHALL RECEIVE A MINIMUM OF 100mm TOPSOIL PLUS SOD.

1.15. THE APPLICANT SHALL CONTACT THE CITY'S ARBORIST FOR CONSENT PRIOR TO ANY TREE BEING REMOVED.

1.16. THE APPLICANT SHALL CONTACT THE OPERATIONS SECTION OF THE ENVIRONMENTAL AND INFRASTRUCTURE SERVICES DEPARTMENT AND MAKE ALL ARRANGEMENT NECESSARY FOR DRIVEWAY ACCESS AND SITE CONDITIONS.

1.17. THE APPLICANT SHALL CONTACT THE CITY'S BUILDING SERVICES DIVISION A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION OF ANY RETAINING WALL DEEMED TO BE A "DESIGNATED STRUCTURE" IN ORDER TO ARRANGE FOR ANY NECESSARY INSPECTIONS.

1.18. THE APPLICANT IS RESPONSIBLE TO ENSURE THAT ALL CONSTRUCTION ACTIVITY AND FINAL PRODUCT CONFORM TO ALL CITY BY-LAWS.

KEY PLAN N.T.S.

GEODETIC BM ELEV. = 290.394m
HAMILTON-WENTWORTH STONE BLOCK ROMAN CATHOLIC CHURCH (OUR LADY OF MOUNT CARMEL) ON WEST SIDE OF OLD HWY 6 IN THE HAMLET OF FREELTON, 0.5km NORTH OF JCT OF HWY 6 AND HWY 97 AT FREELTON, 1.4 KM SOUTH OF EAST FLAMBOROUGH CON XII. THENCE 81.1m WEST ALONG SOUTH ENTRANCE TO FREELTON FROM CENTRELINE OF HWY 6 TO OLD HWY 6 AND 21.0m WEST OF CENTRELINE OF OLD HWY 6. TABLET IS SET HORIZONTALLY IN NORTH FACE OF TOWER, 48cm WEST OF N.E. CORNER AND 46cm ABOVE GROUND.

SITE BENCHMARK ELEV. = 287.69m

NOTE TO CONTRACTOR :

DO NOT SCALE DRAWINGS.

CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.

THE OWNER/ARCHITECT/CONTRACTOR IS ADVISED THAT M.T.E. CONSULTANTS INC. CANNOT CERTIFY ANY COMPONENT OF THE SITE WORKS NOT INSPECTED DURING CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY M.T.E. CONSULTANTS INC. PRIOR TO COMMENCEMENT OF CONSTRUCTION TO ARRANGE FOR INSPECTION.

NOTE:
1. PROPERTY-LINE IS APPROXIMATE ONLY.
2. EXISTING TOPOGRAPHICAL INFORMATION PROVIDED BY A.T. MCLAREN LIMITED DATED JUNE 23, 2021.

No.	REVISION	BY	YYYY-MM-DD
8.			
7.	REISSUED FOR APPROVALS	WAW	2023-08-04
6.	REVISED AS PER CITY COMMENTS	WAW	2023-03-15
5.	REVISED PER CITY COMMENTS	WAW	2022-06-03
4.	REVISED TO AVOID TREES	WAW	2022-06-03
3.	REVISED PER COMMENTS FROM CITY	WAW	2022-05-12
2.	REVISED GRADING FOR EXISTING TREE	WAW	2022-05-03
1.	ISSUED FOR APPROVAL	WAW	2021-08-31

MTE
Engineers, Scientists, Surveyors
905-639-2552

REGISTERED PROFESSIONAL ENGINEER W. A. WILSON Aug 4/23 PROVINCE OF ONTARIO

CLIENT
RYAN KENNEDY
5 BAYVIEW AVE DUNDAS, ON

PROJECT
12 LOUISA STREET SINGLE DETACHED DWELLING
12 LOUISA ST FREELTON, ON

DRAWING
SITE PLAN / PRELIMINARY GRADING AND SEDIMENT EROSION CONTROL PLAN

Project Manager W.WILSON	Project No. 49129-100
Design By SXL	Checked By
Drawn By DXC	Checked By
Surveyed By OTHERS	Drawing No. C3.1
Date April.21/22	
Scale 1:250	

August 8, 2023 - 3:39:22 PM - Plotted By: Reto Jürjees