

EROSION AND SEDIMENT CONTROL

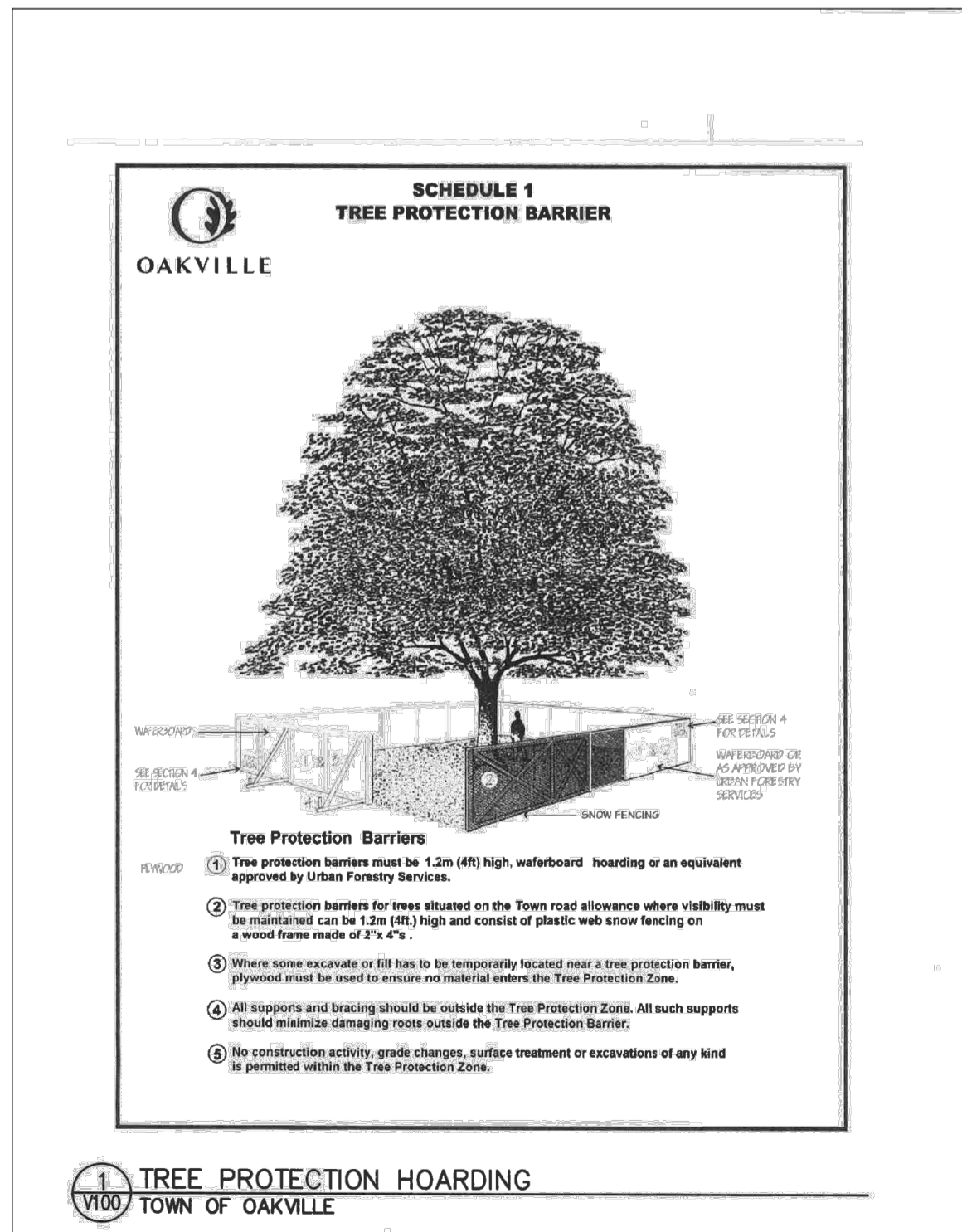
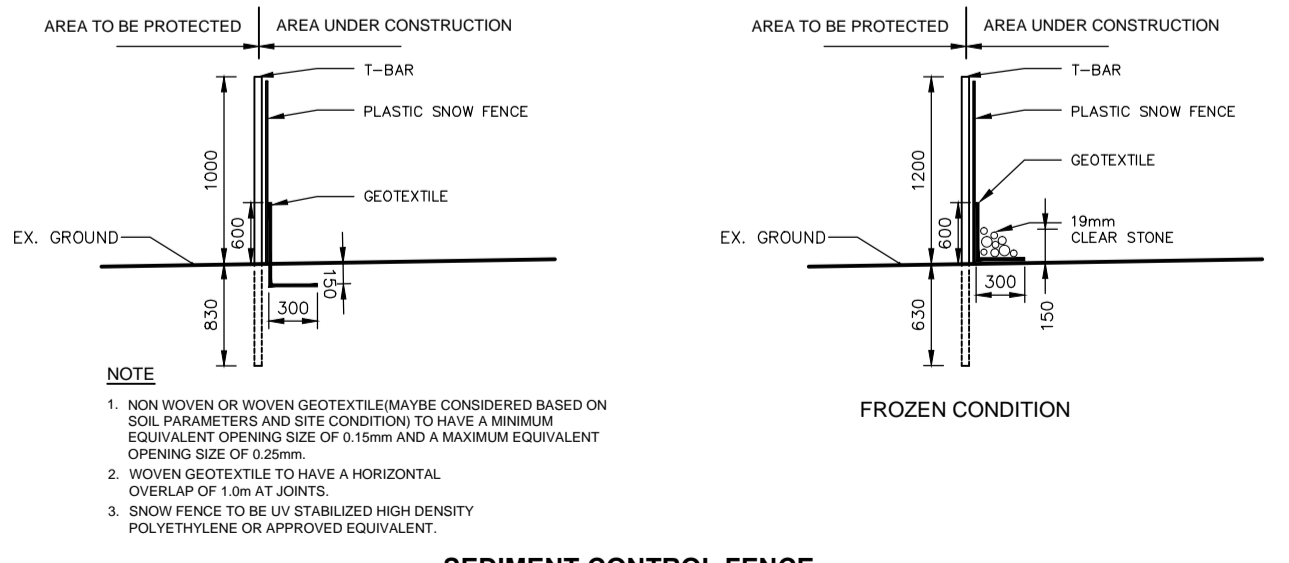
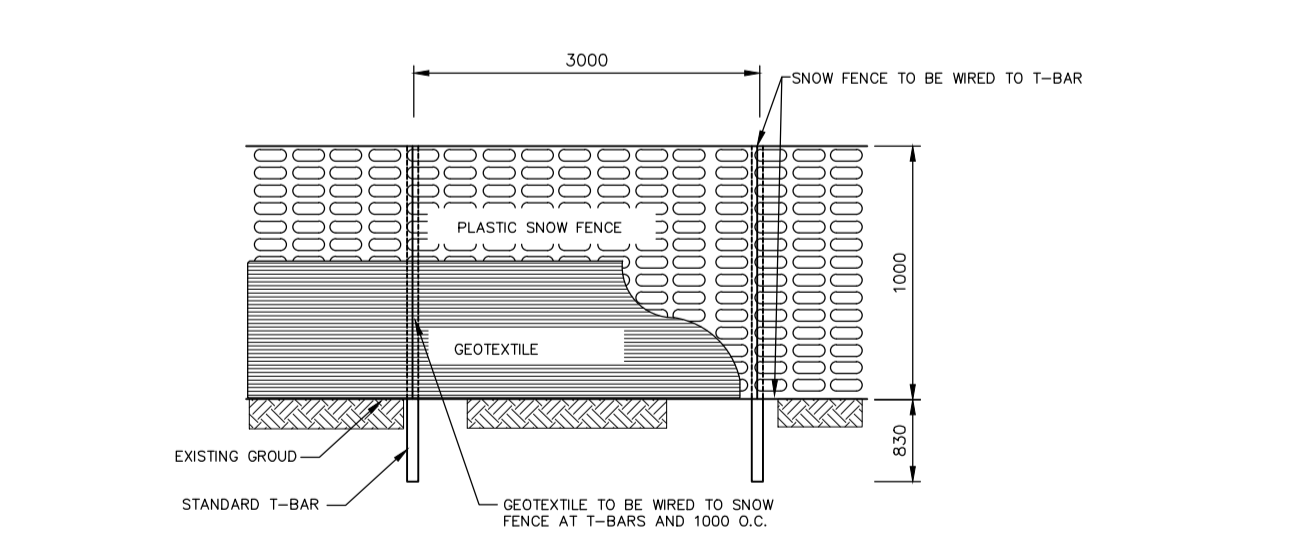
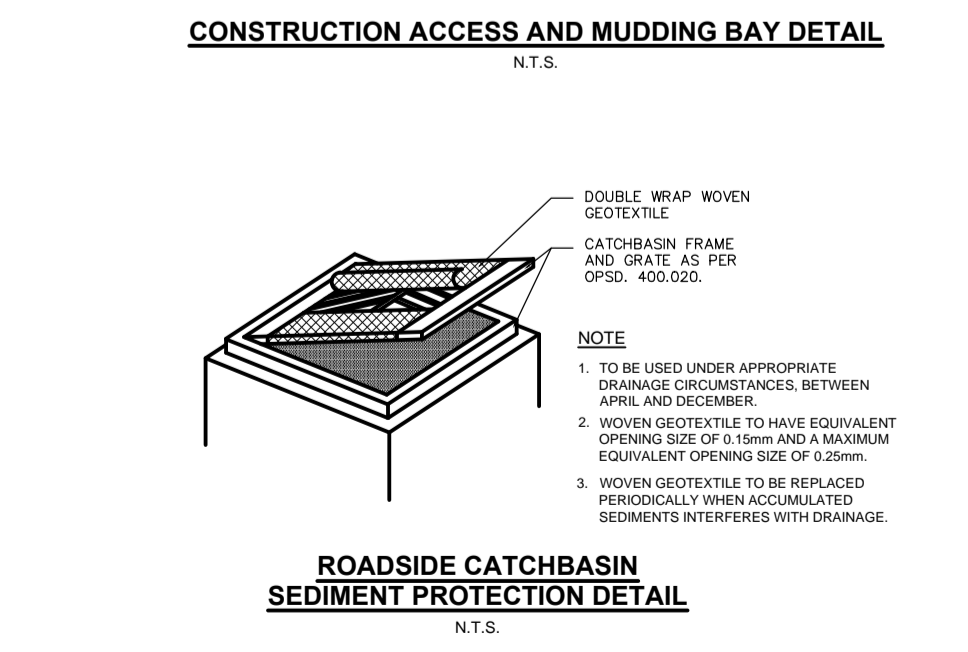
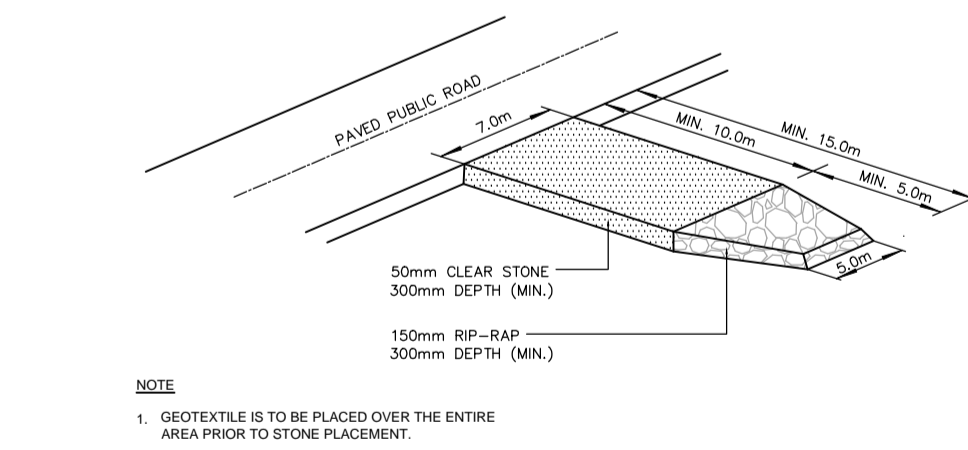
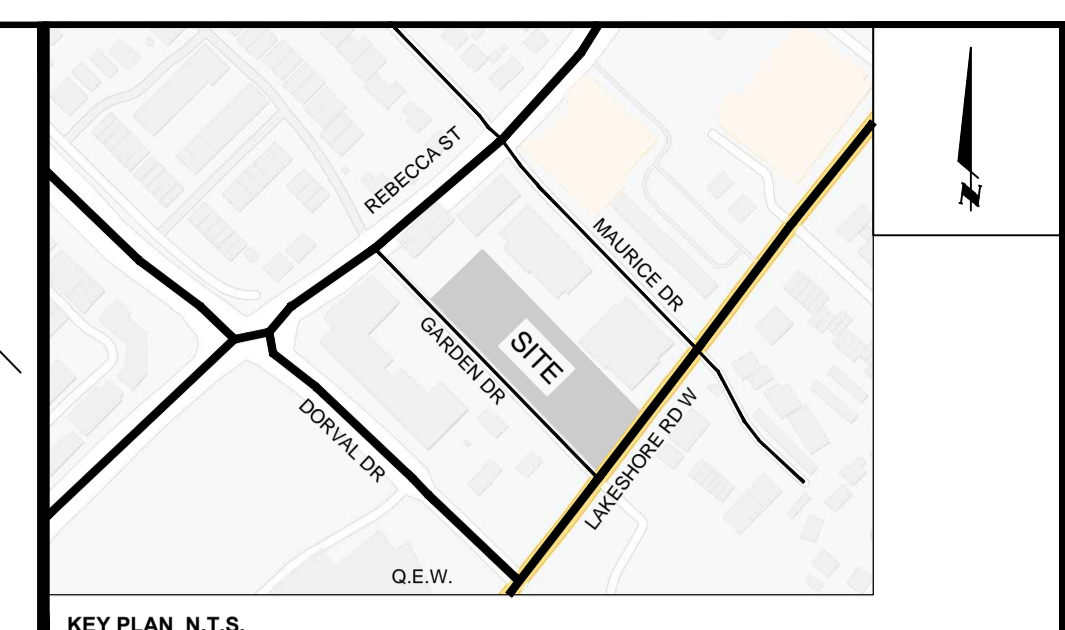
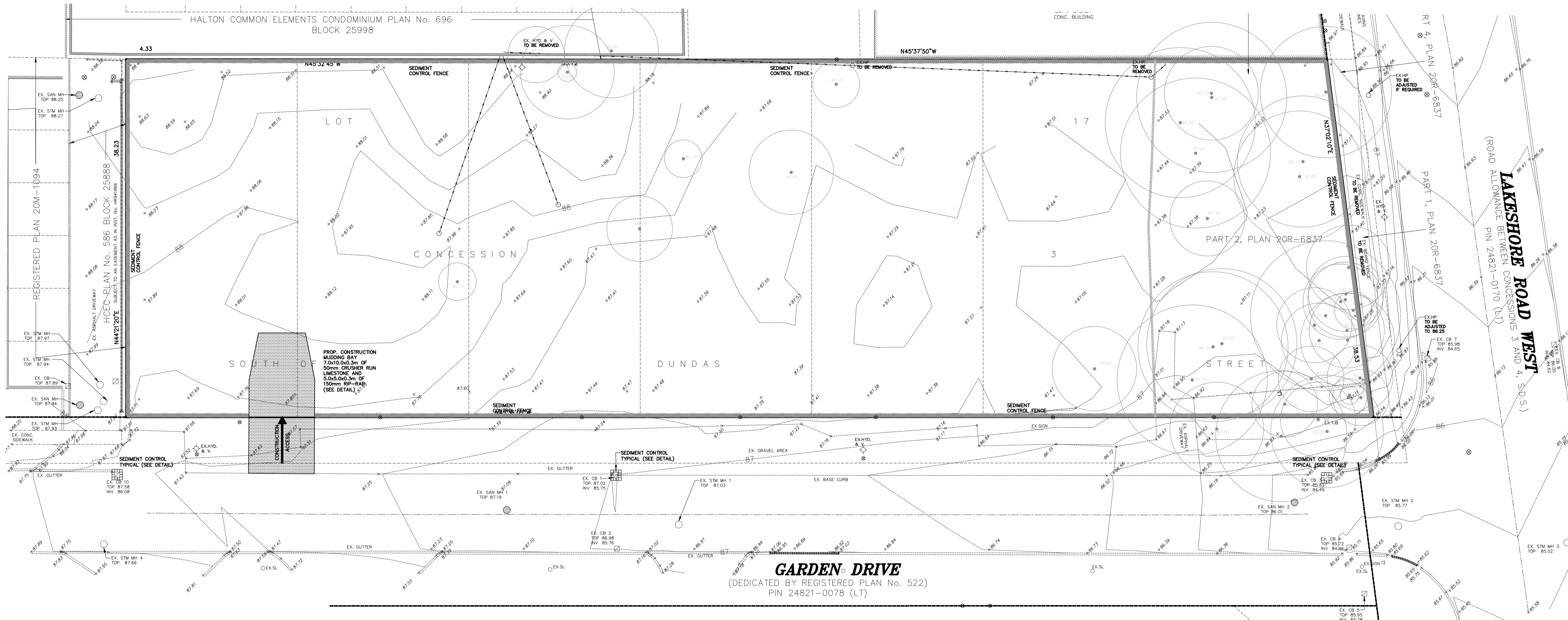
1. ALL EROSION AND SEDIMENT CONTROLS ARE TO BE INSTALLED ACCORDING TO THE APPROVED PLANS PRIOR TO COMMENCEMENT OF ANY EARTHMOVING WORK ON SITE AND SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH THE INTEREDED GROUND COVER.
2. EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED BY THE BUILDER/DEVELOPER:
 - A. WEEKLY
 - B. BEFORE AND AFTER ANY PREDICTED RAINFALL EVENT
 - C. FOLLOWING AN UNPREDICTED RAINFALL EVENT
 - D. DAILY, DURING EXTENDED DURATION RAINFALL EVENT
 - E. AFTER SIGNIFICANT SNOW MELT EVENTS
3. EROSION AND SEDIMENT CONTROLS SHALL BE MAINTAINED IN PROPER WORKING ORDER AT ALL TIMES. DAMAGED OR CLOGGED DEVICES SHALL BE REPAIRED WITHIN 48 HOURS.
4. WHERE A SITE REQUIRES Dewatering and where the expelled water can be freely released to a suitable receiver, the expelled water shall be treated to capture suspended particles greater than 40 micron in size. The captured sediment shall be disposed of properly. PERMOCOC GUIDELINES. THE CLEAN EXPULSED WATER SHALL FREELY BE RELEASED TO A SUITABLE RECEIVER THAT DOES NOT CREATE DOWNSTREAM ISSUES INCLUDING BUT NOT LIMITED TO EROSION, FLOODING, NUISANCE OR OTHERWISE, INTERFERENCE ISSUES, ETC.
5. EXISTING STORM SEWER AND DRAINAGE DITCHES ADJACENT TO THE WORK SHALL BE PROTECTED AT ALL TIMES FROM THE ENTRY OF SEDIMENT THAT MAY MIGRATE FROM THE SITE. FOR STORM SEWERS: ALL INLETS (REAR LOT CATCHBASINS, REAR CATCHBASINS, PIPE INLETS, ETC.) MUST BE SECURED/FITTED WITH SILTATION CONTROL DEVICES. FOR DRAINAGE DITCHES: THE INSTALLATION OF CHECK DAMS, SILTATION FENCE, SEDIMENT CONTAINMENT DEVICES MUST BE INSTALLED TO TRAP AND CONTAIN SEDIMENT. THESE SILTATION DEVICES SHALL BE INSPECTED AND MAINTAINED PER ITEMS 2 AND 3 ABOVE.
6. IN THE EVENT OF A SPILL, RELEASE OF DELETERIOUS MATERIAL OR EMANATING FROM THE SITE, THE OWNER OR OWNER'S AGENT SHALL IMMEDIATELY NOTIFY MOECC AND FOLLOW ANY PRESCRIBED CLEAN UP PROCEDURE. THE OWNER OR OWNER'S AGENT WILL ADDITIONALLY IMMEDIATELY NOTIFY THE TOWN.

GENERAL NOTES

1. THE CONTRACTOR IS TO CHECK AND VERIFY ALL DIMENSIONS. IF ANY DISCREPANCIES, THEY MUST BE REPORTED TO THE ENGINEER IMMEDIATELY PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION. GAS, HYDRO, TELEPHONE OR ANY OTHER UTILITIES THAT MAY EXIST ON THE SITE OR WITHIN THE STREETS/MAINS MUST BE LOCATED BY ITS OWN UTILITIES AND VERIFIED PRIOR TO CONSTRUCTION.
3. ALL CONNECTIONS SHALL BE INSTALLED AS PER MUNICIPAL STANDARDS AND SPECIFICATIONS.
4. BUILDER IS TO VERIFY TO THE ENGINEER THAT THE FINAL FOOTING ELEVATION AND TOP OF FOUNDATION WALL ELEVATION ARE IN CONFORMITY WITH THE BUILDING CODE AND THE CERTIFIED GRADING PLAN PRIOR TO PROCEEDING.
5. THE ELEVATION OF THE SIDE SLEW AT THE BUILDING LINE SHALL BE A MINIMUM OF 150mm BELOW THE BUILDING LINE AT THE CENTRE OF THE LOT.
6. OUTSIDE FINISHED GRADE TO BE A MINIMUM OF 150mm BELOW BRICK VENEER ELEVATION.
7. PRIOR TO ANY SOILING, THE BUILDER IS TO ENSURE TO THE SOILS CONSULTANT AND/OR THE ENGINEER THAT THE LOT HAS BEEN GRADED AND TOPSOILED AND SOILED COMPLETELY WITH A MINIMUM DEPTH OF 100mm OF TOPSOIL AND NO. 1 NURSERY SOIL AND A MINIMUM DEPTH OF 150mm OF CRUSHED STONE TO BE PRODUCED ON THE ENTIRE LENGTH OF EACH DRIVEWAY ON A FIRM SUBGRADE AND THE DRIVEWAY TO BE PAVED WITH A MINIMUM COMPACTED DEPTH OF 75mm OF ASPHALT BETWEEN THE CURB AND THE GARAGE.
8. NO SOILING ON ANY LOTS IS PERMITTED UNTIL PRELIMINARY INSPECTION IS DONE BY THE ENGINEER AND THE BUILDER.
9. AT ALL ENTRANCES TO THE SITE THE ROAD CURB AND SIDEWALK WILL BE CONTINUOUS THROUGH THE DRIVEWAY. THE DRIVEWAY GRADE SHALL BE COMPATIBLE WITH THE EXISTING OR FUTURE SIDEWALK AND CURB DEPRESSION WILL BE PROVIDED FOR EACH ENTRANCE.
10. DRIVEWAY GRADES SHOULD NOT BE LESS THAN 1% AND NOT GREATER THAN 3%.
11. LAWN AND SHOULDS SHALL HAVE A MINIMUM SLOPE OF 1% (PREFERRED) AND A MAXIMUM SLOPE OF 6%.
12. WHERE GRADES IN EXCESS OF 6% ARE REQUIRED, THE MAXIMUM SLOPE SHALL BE 3%. GRADE CHANGES IN EXCESS OF 1.0m ARE TO BE ACCOMPLISHED BY USE OF A RETAINING WALL. RETAINING WALLS HIGHER THAN 0.9m SHALL HAVE A FENCE INSTALLED ON THE HIGH SIDE.
13. ALL BACKFILL FOR SEWERS, WATERMANS AND UTILITIES ON THE ROAD ALLOWANCE AND THE INTERNAL SITE MUST BE COMPACTED TO MINIMUM 98% S.D. DUCKFIT FOR 300mm WHICH MUST BE COMPACTED TO 98% S.P.D. ON THE ROAD ALLOWANCE UNLESS OTHERWISE NOTED AND UNDER THE DIRECT SUPERVISION OF THE GEOTECHNICAL SOILS CONSULTANT.
14. THE SERVICE CONNECTION TRENCH WITHIN THE TRAVELLED PORTION OF THE ROAD ALLOWANCE SHALL BE BACKFILLED WITH UNDEFORMABLE BACKFILL MATERIAL UNLESS OTHERWISE SPECIFIED PRIOR APPROVAL FOR OTHER BACKFILL MATERIAL HAS BEEN OBTAINED.
15. ALL WATERMANS AND WATER SERVICE MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO CURRENT MUNICIPAL STANDARDS AND SPECIFICATIONS.
16. WATERMANS AND WATER SERVICES ARE TO HAVE A MINIMUM DEPTH OF 1.7m WITH A MINIMUM HORIZONTAL SPACING OF 1.3m FROM THEMSELVES AND OTHER UTILITIES.
17. ANY CHANGES TO THE SERVICE DESIGN, STANDARDS AND SPECIFICATIONS MUST HAVE PRIOR APPROVAL FROM THE SERVICES PERMIT TECHNICIAN AT THE REGION OF HALTOW.

ROADS

1. ALL FILL WITHIN ROAD ALLOWANCE IS EASEMENT TO BE COMPACTED TO MINIMUM 98% STANDARD PROCTOR DENSITY & THE UTILITY AND COMPACTED OF ALL MATERIALS TO BE CONFIRMED BY RECOGNIZED SOIL CONSULTANT TO THE CITY ENGINEER PRIOR TO THE INSTALLATION OF ANY ROAD BASE MATERIAL.
2. THE CONTRACTOR MUST ENSURE THAT A SUBGRADE CERTIFICATE IS ISSUED BY THE SOIL CONSULTANT TO THE ENGINEER AND DAILY UPON VERIFICATION AND APPROVAL OF THE SUBGRADE BY THE LOCAL AUTHORITY INSPECTION DEPARTMENT WILL COMMENCEMENT OF ANY ROAD BASE MATERIALS TO BE PLACED. FAILURE TO FOLLOW THIS PROCEDURE WILL MEAN THE REMOVAL OF ROAD BASE MATERIALS AND/OR ADDITIONAL TESTING THAT PROPER COMPACTION HAS BEEN ACHIEVED AT THE SUBGRADE (AT CONTRACTOR'S EXPENSE).
3. ALL UNDERGROUND SERVICE CONNECTIONS WITHIN PAVED PORTION OF ANY EXISTING ROAD TO BE BACKFILLED WITH UNDEFORMABLE BACKFILL MATERIAL.



ALL INTERNAL EXISTING SERVICES AND APPURTENANCES NOT UTILIZED FOR SERVICES OF THIS PROJECT ARE TO BE REMOVED OFF SITE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

INFORMATION SHOWN HEREON REGARDING THE SIZE AND LOCATION OF EXISTING SERVICES AND/OR UTILITIES IS FURNISHED AS THE BEST AVAILABLE INFORMATION AND SHALL BE INTERPRETED AS THE CONTRACTOR SEES FIT WITH THE UNDERSTANDING THAT THE OWNER DISCLAIMS ALL RESPONSIBILITY FOR ITS SUFFICIENCY AND/OR ACCURACY.

LEGEND
 x 000.00 - EXISTING ELEVATION TO REMAIN
 x 000.00 - EXISTING ELEVATION
 - - - - - DIRECTION OF SURFACE FLOW
 [Symbol] - EXISTING CATCHBASIN WITH TEMPORARY SEDIMENT CONTROL

No.	DATE	REVISION	INIT.
1			



BENCHMARK
 No. 30 ELEVATION: 89.817m
 DESCRIPTION: ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO GEODETIC DATUM AND HAVE BEEN DERIVED FROM TOWN OF OAKVILLE BENCHMARK NO. 30, WITH A PUBLISHED ELEVATION 89.817

SKIRA & ASSOCIATES LTD.
 CONSULTING ENGINEERS
 3464 Semenyk Court, Suite 100, Mississauga, Ontario L5C 4P8
 Tel: (905) 276-5100 Fax: (905) 270-1936 Email: info@skiraconsult.ca

PROPOSED MIXED USE DEVELOPMENT
 PART OF LOT 17, CONCESSION 3, SOUTH OF DUNDAS STREET
 TOWN OF OAKVILLE, REGIONAL MUNICIPALITY OF HALTOW

109 GARDEN DRIVE
PLAZA CORP
 109 GARDEN DRIVE



EROSION AND SEDIMENT CONTROL PLAN

S.P.
 REGION FILE: 224-OK30
 DATE: MAY 2024 AREA: OAKVILLE DWG No. 224-OK30
 SCALE: 1:250 DRAWN BY: D.W.