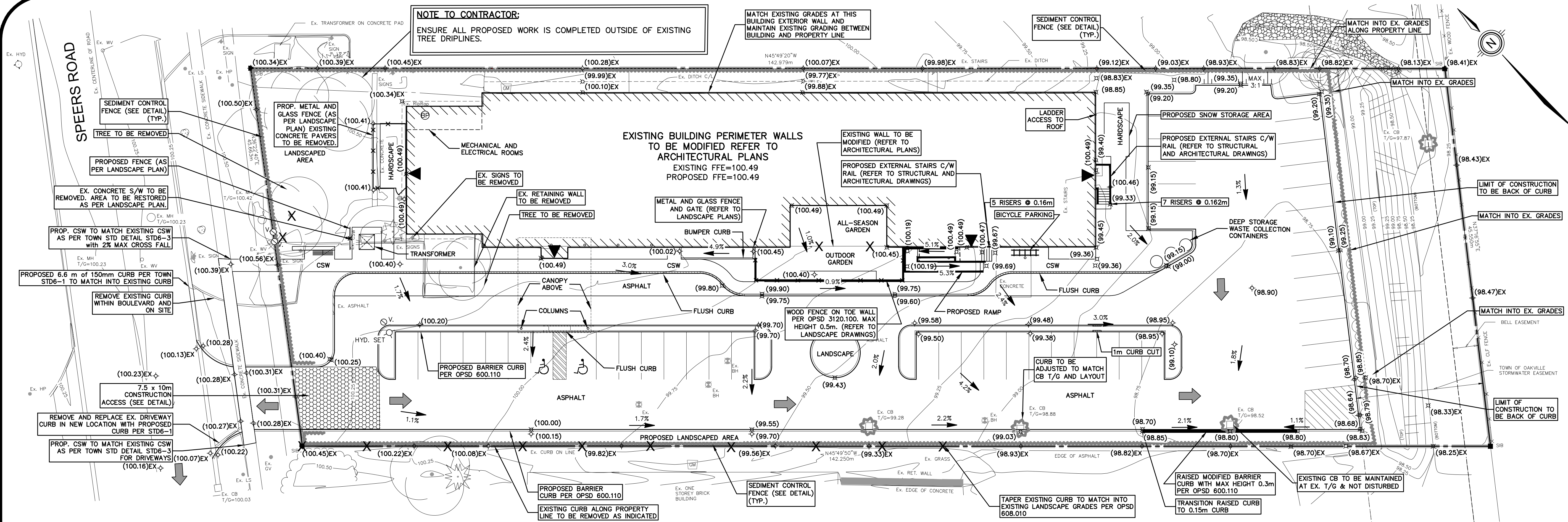




GENERAL CONSTRUCTION NOTES AND SPECIFICATIONS

1. GENERAL

- THIS PLAN NOT FOR CONSTRUCTION UNTIL SIGNED AND SEALED BY ENGINEER AND APPROVED BY THE CITY OF OAKVILLE.
- THIS PLAN IS TO BE USED FOR SERVING AND GRADING ONLY. ANY OTHER INFORMATION SHOWN IS FOR ILLUSTRATION PURPOSES ONLY. THIS PLAN MUST NOT BE USED TO SITE THE PROPOSED BUILDING.
- NO CHANGES ARE TO BE MADE WITHOUT THE APPROVAL OF THE DESIGN ENGINEER.
- THIS PLAN NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE PERMISSION OF MTE CONSULTANTS INC.
- THE APPROVAL OF THIS PLAN DOES NOT EXEMPT THE OWNER'S BONDED CONTRACTOR FROM THE REQUIREMENTS TO OBTAIN THE VARIOUS PERMITS NORMALLY REQUIRED TO COMPLETE A CONSTRUCTION PROJECT, SUCH AS, BUT NOT LIMITED TO THE FOLLOWING:
 - ROAD CUT PERMITS
 - APPROACH APPROVAL PERMITS
 - COMMITTEE OF ADJUSTMENT
 - SEWER PERMITS
 - RELOCATION OF SERVICES
 - ENCROACHMENT AGREEMENTS
- PRIOR TO CONSTRUCTION, THE CONTRACTOR MUST:
 - CHECK AND VERIFY ALL EXISTING CONDITIONS, LOCATIONS AND ELEVATIONS WHICH INCLUDES BUT IS NOT LIMITED TO THE BENCHMARK ELEVATIONS, EXISTING SEWER CONNECTIONS AND EXISTING INVERTS. REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO PROCEEDING.
 - OBTAIN ALL UTILITY LOCATES AND REQUIRED PERMITS AND LICENSES.
 - VERIFY THAT THE FINISHED FLOOR ELEVATIONS AND BASEMENT FLOOR ELEVATIONS (WHICH MAY APPEAR ON THIS PLAN) COMPLY WITH THE FINAL ARCHITECTURAL DRAWINGS.
 - CONFIRM ALL DRAWINGS USED FOR CONSTRUCTION ARE OF THE MOST RECENT REVISION.
- THE CONTRACTOR SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO EXISTING WORKS.
- ALL WORKS ON A MUNICIPAL RIGHT-OF-WAY WILL BE INSTALLED BY THE OWNER'S BONDED CONTRACTOR UPON APPLICATION BY OWNER AT OWNER'S EXPENSE. UNDER THE ROAD CUT PERMIT, THE CONTRACTOR IS TO RESTORE ALL DISTURBED AREAS WITHIN THE RIGHT OF WAY TO EXISTING CONDITIONS OR BETTER.
- CONSTRUCTION OF SEWERS, WATERMAINS AND RELATED APPURTENANCES SHALL BE UNDERTAKEN IN ACCORDANCE WITH THE CURRENT CITY OF BURLINGTON, REGIONAL MUNICIPALITY OF HALTON STANDARDS, THE ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD), AND MINISTRY OF THE ENVIRONMENT GUIDELINES (LATEST EDITION). THE CITY AND REGION DRAWINGS SHALL TAKE PRECEDENT OVER THE OPSD DRAWINGS.
- INFORMATION REGARDING ANY EXISTING SERVICES AND/OR UTILITIES SHOWN ON THE APPROVED SET OF CONSTRUCTION DRAWINGS IS FURNISHED AS THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL INTERPRET THIS INFORMATION AS HE SEES FIT WITH THE UNDERSTANDING THAT THE OWNER AND HIS AGENTS DISCLAIM ALL RESPONSIBILITY FOR ITS ACCURACY AND/OR SUFFICIENCY.
- NO BLASTING WILL BE PERMITTED.
- ALTERNATIVE MATERIALS WILL NOT BE ALLOWED UNLESS FIRST APPROVED IN WRITING BY THE CONSULTANT AND THE CITY OF BURLINGTON OR REGIONAL MUNICIPALITY OF HALTON.
- APPROVED FILL, FREE OF DELETERIOUS AND ORGANIC MATERIAL AND BOULDERS SHALL BE COMPACTED TO A DRY DENSITY NOT LESS THAN 95% OF THE STANDARD PROCTOR DENSITY. AFTER COMPACTION, SOIL DENSITY TESTS SHALL BE CONDUCTED TO ENSURE ADEQUATE COMPACTION AND STABILITY OF THE FILL AND TEST RESULTS SHALL BE SUBMITTED TO THE ENGINEER.
- CONTRACTOR IS RESPONSIBLE FOR CONTACTING ENGINEER 48 HRS PRIOR TO COMMENCING WORK TO ARRANGE FOR INSPECTION. ENGINEER TO DETERMINE DEGREE OF INSPECTION AND TESTING REQUIRED FOR CERTIFICATION OF UNDERGROUND SERVICE INSTALLATION AS MANDATED BY ONTARIO BUILDING CODE DIVISION C, PART 1, SECTION 1.2.2, GENERAL REVIEW. FAILURE TO NOTIFY ENGINEER WILL RESULT IN EXTENSIVE POST CONSTRUCTION INSPECTION AT CONTRACTORS EXPENSE.
- SITE PLAN INFORMATION TAKEN FROM PLAN PREPARED BY MMMC ARCHITECTS RECEIVED JANUARY 15, 2020.
- EXISTING TOPOGRAPHIC AND LEGAL INFORMATION PREPARED BY MTE CONSULTANTS
- CONTRACTOR TO INSTALL EROSION CONTROL MEASURES AS SHOWN PRIOR TO CONSTRUCTION AND MAINTAIN IN GOOD CONDITION UNTIL CONSTRUCTION IS COMPLETED AND VEGETATIVE COVER IS ESTABLISHED.
- RETAINING WALLS IF REQUIRED ARE TO BE DESIGNED BY OTHERS.
- SITE SERVING CONTRACTOR TO TERMINATE ALL SERVICES 1.0 METER FROM FOUNDATION WALL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD INCLUDING THE SUPPLY, INSTALLATION AND REMOVAL OF ALL NECESSARY SIGNALS, DELINEATORS, MARKERS, AND BARRIERS. ALL SIGNS, ETC SHALL CONFORM TO THE STANDARDS OF THE LOCAL MUNICIPALITY AND THE MTO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT

- CONTRACTOR TO MAINTAIN A 'CONFINED TRENCH CONDITION' IN ALL SEWER AND SERVICE TRENCHES.
- APPROVAL OF THIS DRAWING IS FOR MATERIAL ACCEPTABILITY AND COMPLIANCE WITH MUNICIPAL AND PROVINCIAL SPECIFICATIONS AND STANDARDS ONLY. APPROVAL AND INSPECTION BY THE CITY OF THE WORKS DOES NOT CERTIFY THE LINE AND GRADE OF THE WORKS AND IT IS THE OWNER'S RESPONSIBILITY TO HAVE THEIR ENGINEER CERTIFY THIS ACCORDINGLY.
- GRADING NOTES**
 - ANY CHANGES IN GRADES AND CATCH BASINS REQUIRE THE WRITTEN APPROVAL OF THE CONSULTANT AND THE CITY OF OAKVILLE.
 - FILTER FABRIC TO BE TERRAFIX 270R OR APPROVED EQUAL.
 - MAXIMUM GRASSED SLOPE TO BE 3:1.
 - MINIMUM ASPHALT GRADE TO BE 1.0%, MINIMUM GUTTER LINE GRADE TO BE 0.5% UNLESS OTHERWISE NOTED.
 - CONTRACTOR TO MATCH EXISTING GRADES AT PROPERTY LINE UNLESS OTHERWISE NOTED.
 - 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.
 - PRIOR TO REMOVING ANY EXCESS SOILS FROM THE SITE, CONTRACTOR TO CONTACT THE ARCHITECT FOR DIRECTION ON CREATING EARTHEN BERMS ON-SITE.
 - ALL LANDSCAPED AREAS ARE TO HAVE A MINIMUM 2.0% SLOPE UNLESS OTHERWISE NOTED.
 - DRIVEWAYS TO BE PER CITY OF OAKVILLE STANDARD DRAWINGS STD-10-2
- RESTORATIONS**
 - ALL RESTORATIONS TO CONFORM TO CITY OF OAKVILLE AND REGION OF HALTON STANDARDS.
 - RESTORATIONS OF ROAD OVER UTILITY CUTS TO BE AS PER TOWN STANDARD DRAWINGS. ALL WORKS WITHIN THE MUNICIPAL RIGHT OF WAY MUST BE COMPLETED BY A CONTRACTOR BONDED WITH THE CITY OF OAKVILLE.
 - ALL BOULEVARDS AFFECTED BY CONSTRUCTION ACTIVITIES TO BE RESTORED TO EXISTING CONDITIONS OR BETTER WITH #1 NURSERY SOD ON A MINIMUM 100mm OF SELECT TOPSOIL.
 - ALL FENCES AFFECTED BY CONSTRUCTION SHALL BE REMOVED, TEMPORARILY RELOCATED AND/OR STOCKPILED IF APPROVED BY THE ENGINEER, AND REINSTATED UPON COMPLETION OF CONSTRUCTION.
- EROSION AND SEDIMENT CONTROL**
 - ALL EROSION AND SEDIMENT CONTROL MEASURES (TEMPORARY SEDIMENT CONTROL FENCES, STORM SEWER BULKHEADS, ROCK CHECK DAMS, WORK LIMIT FENCES, SEDIMENT BASINS, ETC.) MUST BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND MAINTAIN IN GOOD CONDITION UNTIL CONSTRUCTION IS COMPLETED AND VEGETATIVE COVER IS ESTABLISHED.
 - TEMPORARY VEHICLE TRACKING CONTROLS TO BE CONSTRUCTED AS PER REQUIREMENTS IN 'EROSION & SEDIMENT CONTROL GUIDELINE FOR URBAN CONSTRUCTION' DATED DECEMBER 2006, AT ALL ACCESS POINTS. CONTRACTOR SHALL MAINTAIN THESE AS REQUIRED AND AS DIRECTED BY THE CITY ENGINEER.
 - ALL SILT FENCING TO BE INSTALLED PRIOR TO ANY AREA GRADING, EXCAVATING OR DEMOLITION COMMENCING.
 - EROSION CONTROL FENCING TO BE INSTALLED AROUND BASE OF ALL STOCKPILES.
 - OVERLAND SHEET FLOW EROSION PROTECTION SHALL BE AS DETAILED. IF EXCESSIVE SEDIMENT BUILDUP/BLOCKAGE OCCURS (VISUAL INSPECTION) THEN REPLACEMENT OF THE FILTER CLOTH IS REQUIRED.
 - CATCH BASIN SEDIMENT CONTROL DEVICE, I.E. "SILTSACK" BY ACF ENVIRONMENT OR APPROVED EQUIVALENT, TO BE PLACED AS PER MANUFACTURER'S RECOMMENDATIONS (SEE DETAIL). REGULAR MAINTENANCE IS REQUIRED "SILTSACK" SUMPS SHALL BE INSPECTED FOR SEDIMENT ACCUMULATION AND FILTER CLOTH BLOCKAGE ON A WEEKLY BASIS. THESE SEDIMENT TRAPS ARE NOT TO BE REMOVED UNTIL THE CURBS AND THE BOULEVARDS SODDED. SEDIMENT TRAPS SHALL ALSO BE PLACED AS PER DETAIL AT ALL CATCH BASIN LOCATIONS IN AREAS TO BE VEGETATED AND MAINTAINED UNTIL DRAINAGE COVER IS ESTABLISHED.

NOTES TO CONTRACTOR:

1. INSPECTION

CONTRACTOR IS RESPONSIBLE FOR CONTACTING ENGINEER 48 HRS PRIOR TO COMMENCING WORK TO ARRANGE FOR INSPECTION ENGINEER TO DETERMINE DEGREE OF INSPECTION AND TESTING REQUIRED FOR CERTIFICATION OF UNDERGROUND SERVICE INSTALLATION AS MANDATED BY ONTARIO BUILDING CODE DIVISION C, PART 1, SECTION 1.2.2, GENERAL REVIEW. FAILURE TO NOTIFY ENGINEER WILL RESULT IN EXTENSIVE POST CONSTRUCTION INSPECTION AT CONTRACTORS EXPENSE.

2. CONFIRMATION OF EXISTING INVERTS

72 HOURS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS TO LOCATE, EXPOSE AND VERIFY INVERTS OF EXISTING SEWERS AT CONNECTION POINTS WITH THE ENGINEER PRESENT. SHOULD THE CONTRACTOR PROCEED WITHOUT COMPLETING THESE LOCATES, EXTRA COSTS RESULTING FROM DELAYS AND STANDBY TIME WILL NOT BE CONSIDERED.

3. SHOP DRAWINGS

CONTRACTOR TO PROVIDE SHOP DRAWINGS TO THE ENGINEER FOR REVIEW AND APPROVAL FOR ALL CHAMBERS, TANKS AND STRUCTURES PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO ORDERING ANY STRUCTURES OR PARTS.

- REGULAR MAINTENANCE FOR ALL CATCH BASINS (ON THE PUBLIC ROADWAY AND ON PRIVATE PROPERTY) AND INLET CHAMBERS IS REQUIRED (SEDIMENT TRAPS AND SLUMPS SHALL BE INSPECTED FOR SEDIMENT ACCUMULATION, TRASH BUILDUP AND FILTER CLOTH BLOCKAGE ON A WEEKLY BASIS AND AFTER ANY MAJOR RAINFALL EVENT). ACCUMULATED SEDIMENT SHALL BE REMOVED BY MECHANICAL MEANS. FLUSHING OF SEDIMENT INTO THE STORM SEWER SYSTEM IS PROHIBITED. IF STANDING WATER REMAINS IN THE CATCH BASIN 24 HOURS (MINIMUM) AFTER A STORM THEN CLEANING OR REPLACEMENT CLOTH IS REQUIRED.

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE VISUALLY INSPECTED AFTER EACH WORKING DAY AND MAINTAINED WHEN REQUIRED AS DIRECTED BY THE CONSULTANT AND TO THE SATISFACTION OF THE CITY/CONSERVATION AUTHORITY. THE CONSULTANT SHALL KEEP A DAILY RECORD OF INSPECTION, MAINTENANCE, ETC. AND PRESENT THE CITY WITH A COPY OF REPORT ON A MONTHLY BASIS.

- EROSION CONTROL STRUCTURES TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN RESTABLISHED.

- ADDITIONAL EROSION AND SEDIMENT CONTROL LOCATIONS/ MEASURES MAY BE REQUIRED AS DETERMINED BY THE CITY/CONSERVATION AUTHORITY.

- NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE ENGINEER AND THE DEPARTMENT OF PUBLIC WORKS.

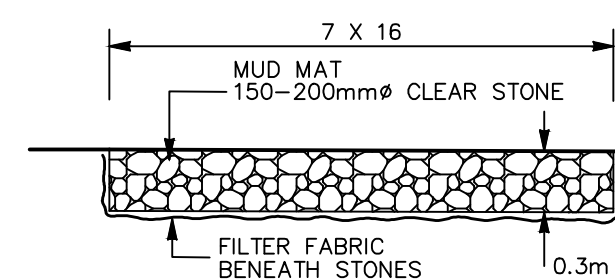
- CONTRACTOR TO CLEAN ROADWAY AND SIDEWALKS OF SEDIMENTS RESULTING FROM CONSTRUCTION TRAFFIC FROM THE SITE EACH DAY.

5. MAINTENANCE RECOMMENDATIONS

- EROSION CONTROL STRUCTURES TO BE MONITORED REGULARLY AND ANY DAMAGE REPAIRED IMMEDIATELY. SEDIMENTS TO BE REMOVED WHEN ACCUMULATIONS REACH A MAXIMUM OF 1/3 THE HEIGHT OF THE FENCE.
- REPRESENTATION TO MONITOR EROSION CONTROL STRUCTURES TO ENSURE FENCING IS INSTALLED AND MAINTENANCE IS PERFORMED TO CITY REQUIREMENTS.

DESIGNATED ACCESS FOR ALL CONSTRUCTION TRAFFIC.

INSTALL "MUD MAT" AS PER DETAIL BELOW, PRIOR TO ANY OTHER CONSTRUCTION. MAT TO BE MAINTAINED IN GOOD WORKING ORDER UNTIL GRADING WORKS ARE COMPLETED AND GRANULAR "A" & "B" HAVE BEEN PLACED.



CONSTRUCTION ACCESS DETAIL

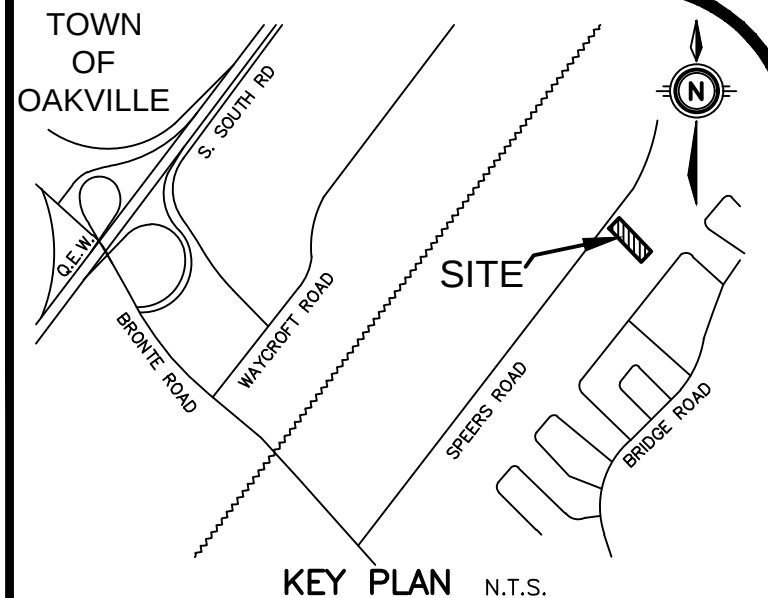
N.T.S.

TEMPORARY SILTSACK SILTATION CONTROL IN CB

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)



GEODETIC BM ELEV. = 90.284m
ELEVATIONS SHOWN ARE GEODETIC AND REFERRED TO A CONCRETE MONUMENT AT THE EASTERLY CORNER OF INTERSECTION OF 3RD LINE AND REBECCA ST. 1.0km NW OF LAKE SHORE RD. 14.8km SE OF TELEPHONE POLE, 3.7km NW OF HYDRO POLE, 60km NE OF EDGE OF 3RD LINE, TABLET ON TOP OF MONUMENT AT GROUND LEVEL.

SITE BENCHMARK ELEV. = m

NOTE TO CONTRACTOR :

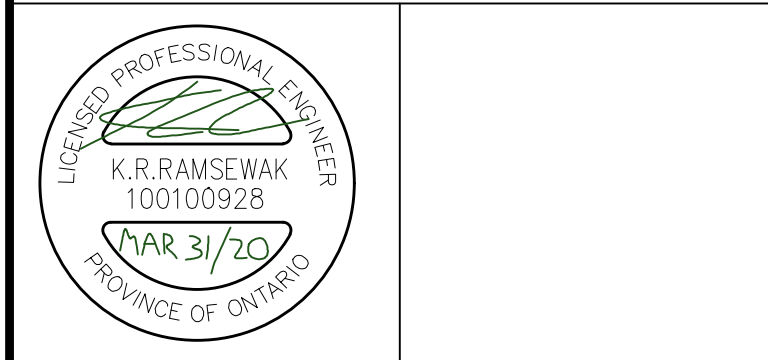
- DO NOT SCALE DRAWINGS.
 - CONTRACTORS MUST CHECK AND VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
 - ALL DRAWINGS REMAIN THE PROPERTY OF THE ENGINEER AND SHALL NOT BE REPRODUCED OR REUSED WITHOUT THE ENGINEER'S WRITTEN PERMISSION.
- THE OWNER/ARCHITECT/CONTRACTOR 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:

- PROPERTY-LINE IS APPROXIMATE ONLY.
- EXISTING TOPOGRAPHICAL INFORMATION PROVIDED BY MTE DLS DATED NOVEMBER 28, 2018.
- INVERTS DENOTED WITH "+" ARE TAKEN FROM AS-RECORDED PLAN AND PROFILE DRAWINGS COMPLETED BY HALTON REGION (W-25270-10) AND ARE CONSIDERED APPROXIMATE ONLY. CONTRACTOR TO FIELD VERIFY AND REPORT ANY DISCREPANCIES TO ENGINEER.
- UTILITY LOCATES PROVIDED BY MARK-IT LOCATES, DATED MAY 11, 2018 AND JANUARY 16, 2020.
- THIS PLAN IS PART OF A SET OF PLANS WHICH COMPRISE OF THE FOLLOWING: C2.1, C2.2 AND THE FSR AND SWM REPORT.

8.	THIRD SUBMISSION FOR SPA	KRR	MAR 31/20
7.	SECOND SUBMISSION FOR SPA	KRR	JAN 17/20
6.	ISSUED FOR BUILDING PERMIT	KRR	DEC 18/19
5.	RE-ISSUED FOR SPA	KRR	NOV 14/19
4.	ISSUED FOR SPA	KRR	OCT 16/19
3.	ISSUED FOR COORDINATION/REVIEW	KRR	SEP 18/19
2.	ISSUED FOR ZONING APPROVAL	KRR	MAY 30/19
1.	DRAFT FOR REVIEW	KRR	FEB 22/19
NO.	REVISION	BY	DATE

MTE
Engineers, Scientists, Surveyors
905-639-2552 www.mte85.com



CLIENT
MMMC INC. ARCHITECTS
127 BRANT AVE BRANTFORD, ON
PROJECT
ACCLAIM HEALTH DEMENTIA CARE CENTRE
2250 SPEERS RD OAKVILLE, ON
DRAWING
SITE GRADNG AND SEDIMENT & EROSION CONTROL PLAN AND GENERAL DETAILS

Project Manager	K. RAMSEWAK	Project No.	44954-200
Design By	JFR/EXK	Checked By	KRR
Drawn By	LXQ/HXM	Checked By	KRR
Surveyed By	MTE / OLS	Drawing No.	C1.1
Date	NOV.12/19	Scale	1:250
Sheet	1 of 2		