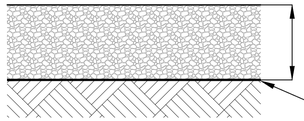
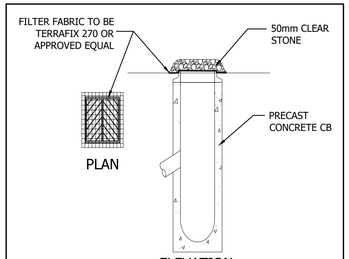


CONTAMINATED CRUSHER-RUN LIMESTONE TO BE REMOVED AND REPLACED, AS REQUESTED BY THE ENGINEER.

TEMPORARY CONSTRUCTION ACCESS ROAD (MUD MAT)
(N.T.S.)



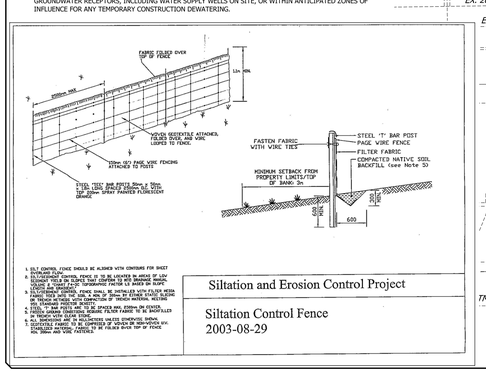
CATCHBASIN SILT PROTECTION
(N.T.S.)

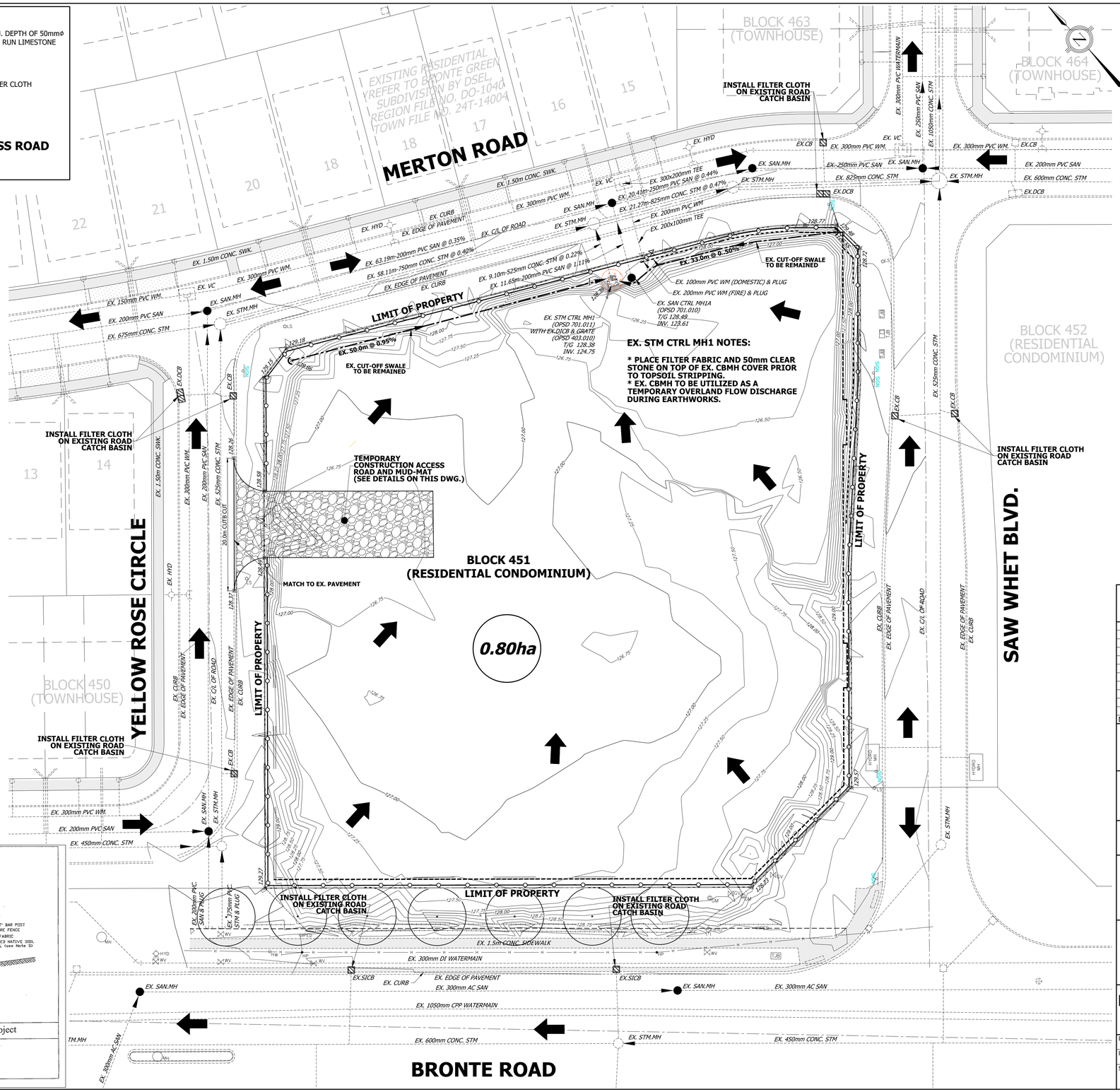
ESC NOTES

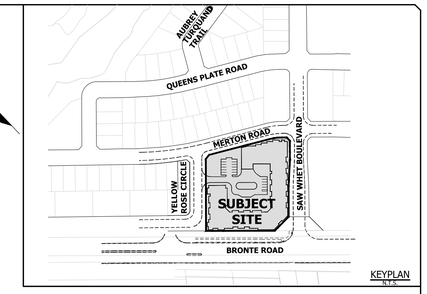
1. THE CONTRACTOR SHALL ENDEAVOUR TO PREVENT MUD TRACKING ONTO EXISTING RIGHTS-OF WAY AND SHALL PROVIDE FOR CLEAN UP AT HIS OWN EXPENSE AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE TO CONTROL DUST IN THE PROJECT AND HE SHALL PROVIDE, AT HIS OWN EXPENSE, CONTROLLING MEASURES AS DIRECTED BY THE ENGINEER AND THE TOWN.
2. ALL EXTERNAL AREAS DISTURBED DUE TO CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE TOWN.
3. PRIOR TO THE COMMENCEMENT OF SITE GRADING WORKS, ALL SILTATION CONTROL DEVICES SHALL BE INSTALLED AND OPERATIONAL. THE EXACT LOCATION TO BE DETERMINED IN THE FIELD AND APPROVED BY THE TOWN OF OAKVILLE. THE CONTRACTOR SHALL MAINTAIN ALL WORKS UNTIL SERVICING CONSTRUCTION IS COMPLETED TO THE SATISFACTION OF THE ENGINEER AND THE TOWN OF OAKVILLE.
4. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE ROUTINELY INSPECTED AND MAINTAINED IN PROPER WORKING ORDER AND CLEANED PERIODICALLY AS REQUIRED BY THE COMISSIONER OF ENGINEERING.
5. ALL CONSTRUCTION VEHICLES SHALL EXIT THE SITE VIA THE TEMPORARY CONSTRUCTION ACCESS.
6. SILT CONTROL FENCE TO REMAIN IN PLACE UNTIL THE WORKING AREA HAS BEEN STABILIZED AND VEGETATED, TO THE SATISFACTION OF THE TOWN OF OAKVILLE.
7. CONTRACTOR TO CLEAN ADJACENT ROADS ON A REGULAR BASIS OF THE SATISFACTION OF THE AFFECTED AUTHORITY.
8. THE LOCATION AND ELEVATION OF ALL EXISTING SERVICES AND UTILITIES ARE TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR AT THEIR EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION AND / OR REPAIR OF EXISTING UTILITIES DISTURBED DURING CONSTRUCTION.
9. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS." THE GENERAL CONTRACTOR SHALL BE DESIGNATED AS THE CONSTRUCTOR AS IN THE ACT.
10. IF ANY AREA OF THE SITE IS SCHEDULED TO REMAIN UNTOUCHED FOR THE MORE THAN 30 DAYS, IT SHOULD BE SEEDED IMMEDIATELY.
11. ALL WORKS TO BE IN ACCORDANCE WITH TOWN OF OAKVILLE BY-LAW 2003-021
12. THE EROSION AND SEDIMENT CONTROLS SHALL BE MODIFIED AS NECESSARY AND IN AN APPROPRIATE FASHION TO ENSURE ADEQUATE PROTECTION OF THE RECEIVING WATERCOURSE AND NATURAL HERITAGE SYSTEM.
13. EROSION & SEDIMENT CONTROLS WITHIN THE REGULATED AREA MUST BE INSTALLED, MAINTAINED AND REMOVED TO THE SATISFACTION OF CONSERVATION AHLTON. CONSERVATION HALTON DOES NOT REQUIRE THAT THE EXACT LOCATION BE DETERMINED IN THE FIELD IN CONSULTATION WITH CH STAFF.
14. ALL EROSION AND SEDIMENT CONTROLS ARE TO BE INSTALLED ACCORDING TO THE APPROVED PLANS PRIOR TO COMMENCEMENT OF ANY EARTH MOVING WORK ON THE SITE AND SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH THE INTENDED GROUND COVER.
15. EROSION AND SEDIMENT CONTROLS SHALL BE INSPECTED BY THE BUILDER/DEVELOPER:
    i. WEEKLY
    ii. BEFORE AND AFTER ANY PREDICTED RAINFALL EVENT
    iii. FOLLOWING AN UNPREDICTED RAINFALL EVENT
    iv. DAILY, DURING EXTENDED DURATION RAINFALL EVENTS
    v. AFTER SIGNIFICANT SNOW MELT EVENTS
16. EROSION AND SEDIMENT CONTROLS SHALL BE MAINTAINED IN PROPER WORKING ORDER AT ALL TIMES. DAMAGED OR CLOGGED DEVICES SHALL BE REPAIRED WITHIN 48 HOURS.
17. 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 PER MOECC GUIDELINES. THE CLEAN EXPELLED WATER SHLAL FREELY RELEASE TO A SUITABLE RECEIVER THAT DOES NOT CREATE DOWNSTREAM ISSUES INCLUDING BUT NOT LIMITED TO EROSION, FLOODING - NUISANCE OR OTHERWISE, INTERFERENCE ISSUES, ETC.
18. EXISTING STORM SEWER AND DRAINAGE DITCHES ADJACENT TO THE WORKS SHALL BE PROTECTED AT ALL TIMES FROM THE ENTRY OF SEDIMENT/SILT THAT MAY MIGRATE FROM THE SITE. FOR STORM SEWERS: ALL INLETS (REAR LOT CATCHBASINS, ROAD CATCHBASINS, PIPE INLETS, ETC.) MUST BE SECURED/FITTED WITH SILTATION CONTROL MEASURES. FOR DRAINAGE DITCHES: THE INSTALLATION OF ROCK CHECK DAMS, SILTATION FENCE, SEDIMENT CONTAINMENT DEVICES MUST BE INSTALLED TO TRAP AND CONTAIN SEDIMENT. THESE SILTATION CONTROL DEVICES SHALL BE INSPECTED AND MAINTAINED PER ITEMS 15 AND 16 ABOVE.
19. IN THE EVENT OF A SPILL (RELEASE OF DELETERIOUS MATERIAL) ON OR EMANATING FROM THE SITE, THE OWNER OR OWNERS AGENT SHALL IMMEDIATELY NOTIFY THE MOECC AND FOLLOW ANY PRESCRIBED CLEAN UP PROCEDURE. THE OWNER OF OWNERS AGENT WILL ADDITIONALLY IMMEDIATELY NOTIFY THE TOWN.

CONSTRUCTION DEWATERING NOTES

1. GROUNDWATER SEEPAGE INTO OPEN EXCAVATIONS BELOW THE SHALLOW GROUNDWATER TABLE MAY BE CONTROLLED BY OCCASIONAL PUMPING FROM SUMPS WHEN AND WHERE NEEDED DURING CONSTRUCTION.
2. WELL POINTS CAN ALSO BE EMPLOYED TO LOWER THE GROUNDWATER TABLE IF WET SAND, OR UNSTABLE SUBSOILS ARE ENCOUNTERED AND SEEPAGE CANNOT BE CONTROLLED VIA SUMP PIT PUMPING.
3. THE FINAL DESIGNS FOR ANY TEMPORARY DEWATERING SYSTEM WILL BE THE RESPONSIBILITY OF THE CONSTRUCTION CONTRACTORS.
4. THE ZONE OF INFLUENCE FOR ANY CONCEPTUAL DEWATERING WELLS OR DEWATERING ARRAY USED DURING CONSTRUCTION COULD REACH A MAXIMUM OF 0.6m AWAY FROM THE DEWATERING ARRAY AROUND THE EXCAVATION AREAS.
5. THERE ARE NO NATURAL FEATURES, SUCH AS: WATERCOURSES, BODIES OF WATER, WETLAND OR ANY GROUNDWATER RECEPTORS, INCLUDING WATER SUPPLY WELLS ON SITE, OR WITHIN ANTICIPATED ZONES OF INFLUENCE FOR ANY TEMPORARY CONSTRUCTION DEWATERING.







LEGEND

- 147.00 — EXISTING CONTOUR ELEVATION
- EXISTING OVERLAND FLOW ROUTE
- 1.17ha — EXISTING CONTRIBUTING DRAINAGE AREA IN HECTARES
- TEMPORARY SEDIMENT FENCE
- CATCHBASIN SILT PROTECTION (REFER TO DETAIL ON THIS DWG.)

BENCHMARK
ELEVATIONS ARE GEODETIC AND REFERRED TO THE TOWN OF OAKVILLE BENCHMARK 101 HAVING AN ORTHOMETRIC ELEVATION OF 115.838 METRES. ELEVATION OF BENCHMARK ESTABLISHED AT THE IRON BAR SOUTH OF CONCRETE PAD AS SHOWN ON THE TOPOGRAPHIC SURVEY BY J.D. BARNES WITH A GEODETIC ELEVATION OF 126.53.

No.	REVISION	DATE	BY
11	NOTE TO FILE RESUBMISSION	2023-09-13	AM
10	NOTE TO FILE RESUBMISSION	2023-07-18	JO
9	ADJUSTED PATIOS & FRONT ENTRANCE RFI	2023-06-16	JO
8	RFI #5 (SI #6)	2023-05-09	JO
7	ISSUED FOR TENDER	2023-04-12	JO
6	NOTE TO FILE	2023-03-10	JO
5	ISSUED FOR TENDER	2022-10-21	JO
4	FINAL SPA SUBMISSION	2022-09-13	JO
3	THIRD SPA SUBMISSION	2022-05-24	JO
2	SECOND SPA SUBMISSION	2022-02-08	JO
1	FIRST SPA SUBMISSION	2021-09-29	JO

CAIVAN BRONTE GREEN, BLOCK C/BLOCK 451

OAKVILLE

REGIONAL MUNICIPALITY OF HALTON
TOWN OF OAKVILLE

REGION NO. ####
MUNICIPAL PLANNING No. ######## SITE PLAN SP.1530.015/01

MUNICIPAL
APPROVED IN PRINCIPAL SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO TOWN STANDARDS AND SPECIFICATIONS.
SIGNED_____ DATE_____
MANAGER OF DEVELOPMENT ENGINEERING

REGIONAL
DESIGN OF SANITARY AND WATER SERVICES APPROVED SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS & SPECIFICATIONS & LOCATION APPROVAL FROM AREA MUNICIPALITY.
SIGNED_____ DATE_____
LEGISLATIVE & PLANNING SERVICES DEPARTMENT

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A Division of Leighton-Zec Ltd.
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Markham, ON. L3R 3T7
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LICENSED PROFESSIONAL ENGINEER
A.M.R. MCLENNAN
100509390
SEPT 13, 2023
PROVINCE OF ONTARIO

EROSION AND SEDIMENT CONTROL PLAN

DESIGNED:	J.M.	CHECKED:	A.M.	PROJECT No.:	21-696
DRAWN:	J.M.	DATE:	SEPTEMBER 2021	SHEET No.:	
SCALE:	1:300			DRAWING No.:	ESC-1