

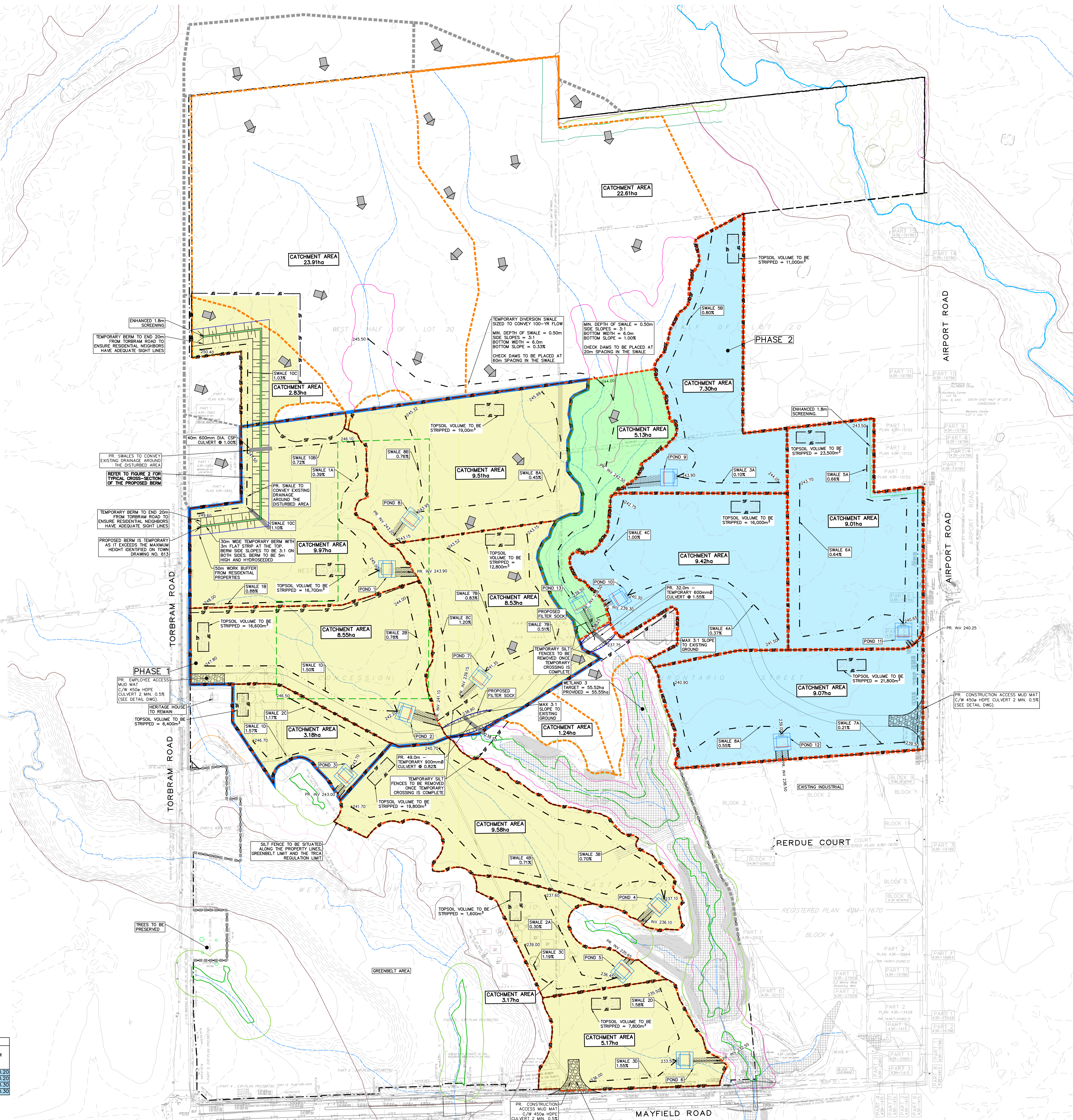
CONSTRUCTION SEQUENCING FOR TEMPORARY CULVERTS:

1. THIS WORK IS ONLY TO BE COMPLETED DURING DRY WEATHER.
2. INSTALL TEMPORARY SILT FENCE 20m UPSTREAM AND DOWNSTREAM OF THE TEMPORARY CULVERT LOCATIONS.
3. FOR NATURALLY OCCURRING STREAM FLOWS INSTALL TEMPORARY PUMP AND HOSE TO ROUTE ANY FLOWS PAST THE CULVERT AREA. NATURALLY OCCURRING STREAM FLOWS WITHIN THE HPS SHOULD BE MAINTAINED AT ALL TIMES, INCLUDING PRIOR TO AND DURING THE PROPOSED DISTURBANCE ASSOCIATED WITH THE INSTALLATION OF THE CULVERTS/TEMPORARY CROSSING, FROM UPSTREAM OF THE PROPOSED DISTURBANCE AREA TO DOWNSTREAM OF IT. THESE FLOWS ARE CLEAN STREAM FLOWS THAT SHOULD NOT BE TREATED.
4. FOR WET WEATHER FLOWS, INSTALL TEMPORARY PUMP AND HOSE TO ROUTE ANY WET WEATHER FLOWS AND WATER ACCUMULATION WITHIN THE DISTURBANCE AREA. THE WORK AREA FLOW WOULD NEED TO BE TREATED THROUGH A TREATMENT TRAIN BEFORE BEING DISCHARGED DOWNSTREAM. DEWATERING TREATMENT TRAIN SYSTEM IS ON DRAWING TSP-02.
5. INSTALL TEMPORARY CULVERT.
6. CONSTRUCT TEMPORARY ROAD ON TOP OF THE CULVERT AND ASSOCIATED MATCH 3:1 GRADING.
7. INSTALL FILTER SOCK AT BASE OF 3:1 GRADING.
8. REMOVE TEMPORARY SILT FENCE UPSTREAM AND DOWNSTREAM OF THE CULVERTS.

TOWN OF CALEDON
PLANNING
RECEIVED
October 31, 2023

| FILTREXX SPACING CALCULATIONS | | | | | |
|-------------------------------|--------------------------------------|-----------------|-------------------------|---|------------------|
| INTERCEPTOR SWALE | LENGTH OF CHANNEL BETWEEN CHECK DAMS | SWALE SLOPE (%) | SWALE/CHANNEL SLOPE m/m | CHANGE IN ELEVATION FROM U/S TO D/S DAM | CHECK DAM HEIGHT |
| A | 65 | 0.30 | 0.0030 | 0.20 | 0.20 |
| B | 28 | 0.70 | 0.0070 | 0.20 | 0.20 |
| C | 27 | 1.10 | 0.0110 | 0.30 | 0.30 |
| D | 20 | 1.50 | 0.0150 | 0.30 | 0.30 |

NOTE: REFER TO DRAWINGS TSP-02 FOR FILTREXX DETAIL



| LEGEND | |
|--------|---|
| --- | PROPERTY LINE |
| --- | PROPOSED SWALE |
| --- | EXISTING CONTOUR (1.0m) |
| --- | EXISTING CONTOUR (3.0m) |
| --- | GREENBELT BOUNDARY |
| --- | CURRENT PHASE TOPSOIL STRIPPING AREA |
| --- | CATCHMENTS |
| --- | SILT FENCE (TOWN STD 304) |
| --- | DOUBLE SILT FENCE (PER DETAIL ON DWD TSP-02) |
| --- | WETLAND LIMIT (30m BUFFER, GEI 2022) |
| --- | WETLAND LIMIT (GEI 2022) |
| --- | EX. WATERCOURSE |
| --- | PR. SEDIMENT CURTAIN (CPSS 219.260 AND CPSS 219.261) |
| --- | FLOODLINE |
| --- | FLOODLINE + 15m BUFFER |
| --- | ENHANCED 1.8m SCREENING |
| --- | 50m WORK BUFFER FROM RESIDENTIAL PROPERTIES |
| --- | DRIPLINE (GEI 2023) |
| --- | WOODLAND + 10m BUFFER (GEI 2023) |
| --- | PROPOSED BUILDING OUTLINE |
| --- | TOPSOIL STRIPPING - BLOCK 1 AREA |
| --- | PROPOSED SLOPE (3:1 MAX.) |
| --- | EXISTING WETLANDS (GEI 2022) |
| --- | EXISTING WOODLANDS (GEI 2022) |
| --- | EXISTING OVERLAND FLOW DIRECTION |
| --- | BELOW PROPOSED SURFACE |
| --- | MATCH EXISTING ELEVATION |
| --- | TEMPORARY POND WITH FOREBAY |
| --- | STOCKPILE LOCATION SURROUNDED BY SILT FENCE (CPSS-219.100) |
| --- | 200mm DEPTH, 200mm DIAMETER RP-RAP UNDERLAD WITH GEOTEXTILE |
| --- | FIRST PHASE OF TOPSOIL STRIPPING WORKS |
| --- | SECOND PHASE OF TOPSOIL STRIPPING WORKS |
| --- | THIRD PHASE OF TOPSOIL STRIPPING WORKS |

NOTE: CONTRACTOR TO ENSURE POSITIVE DRAINAGE FROM EXTERNAL PROPERTIES IS MAINTAINED AND DRAINAGE FROM EXTERNAL PROPERTIES IS NOT BLOCKED

NOTE: STOCKPILE TO BE STABILIZED USING EROSION CONTROL MATS AND TERRA SEED WITH 50mm DEPTH OF MULCH

NOTE: PLANT MATERIAL AND LEAF LITTER, EXCEPT FOR INVASIVE SPECIES, THAT ARE GENERATED BY CLEARING THE SITE, ARE TO BE CHIPPED AND REMOVED FROM THE SITE

NOTE: ANY TOPSOIL STOCKPILED FOR OVER 6 MONTHS SHOULD BE AMENDED WITH COMPOST

NOTE: STABILIZE STOCKPILE AND ANY OTHER EXPOSED SOILS ON AREAS INACTIVE FOR 30 DAYS (REFER TO TSP-02)

NOTE: SEED MIX AND COIR MATTING WILL BE REQUIRED TO STABILIZE DISTURBED SURFACES THAT ARE LEFT EXPOSED FOR 30 DAYS OR MORE (REFER TO TSP-02)

NOTE: TOPSOIL STOCKPILES ARE NOT TO EXCEED 3.0m IN HEIGHT, IF APPLICABLE

NOTE: CATCHMENT AREAS & BLOCKS CAN BE PRE-GRADED AT DIFFERENT TIMES

NOTE: REFER TO DRAWINGS TSP-02 FOR POND AND SWALE DESIGN DETAILS

SCALE: 1:2500

| No. | ISSUE / REVISION | DATE |
|-----|------------------|-------------|
| 2 | ISSUED TO TOWN | 2023/OCT/30 |
| 1 | ISSUED TO TRCA | 2023/JUN/29 |
| No. | ISSUE / REVISION | DATE |
| 1 | ISSUED TO TOWN | 2023/OCT/30 |
| 1 | ISSUED TO TRCA | 2023/JUN/29 |

BEARING NOTE:
BEARINGS ARE UTM GRID DERIVED FROM GPS OBSERVATION USING THE "TORNET" GPS NETWORK OBSERVATIONS, UTM ZONE 17, NAD83 (CSRS) (1997.0)

ELEVATION NOTE:
ELEVATIONS HEREON ARE GEODETIC IN ORIGIN AND WERE DERIVED FROM GPS OBSERVATION USING THE "TORNET" GPS NETWORK AND REFERRED TO THE CGVD-1928 1987 DATUM

SITE BENCHMARK:
A CUT CROSS HAVING ELEVATION 242.51 m WAS SET ON THE NORTHEAST CORNER OF THE INTERSECTION BETWEEN MAYFIELD ROAD AND TORBRAM ROAD

DRAFT PLAN NOTES:
DESIGN ELEMENTS ARE BASED ON SITE PLAN BY WESTON CONSULTING INC. DRAWING No. 180 PROJECT No. 180

DRAWING NOTES:
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TULLAMORE LANDS
TOWN OF CALEDON

TOPSOIL STRIPPING BLOCK 1, PHASE 2 & 3 AREAS

CROZIER CONSULTING ENGINEERS

2800 HIGH POINT DRIVE
SUITE 100
MILTON, ON L7T 6P4
905-875-0020
905-875-4431 (F)
WWW.CFCROZIER.CA

Drawn: L.E. Design: I.C. Project No: 2022-5842
Check: I.C. Date: J.S. Scale: 1:2500 TSP-01