

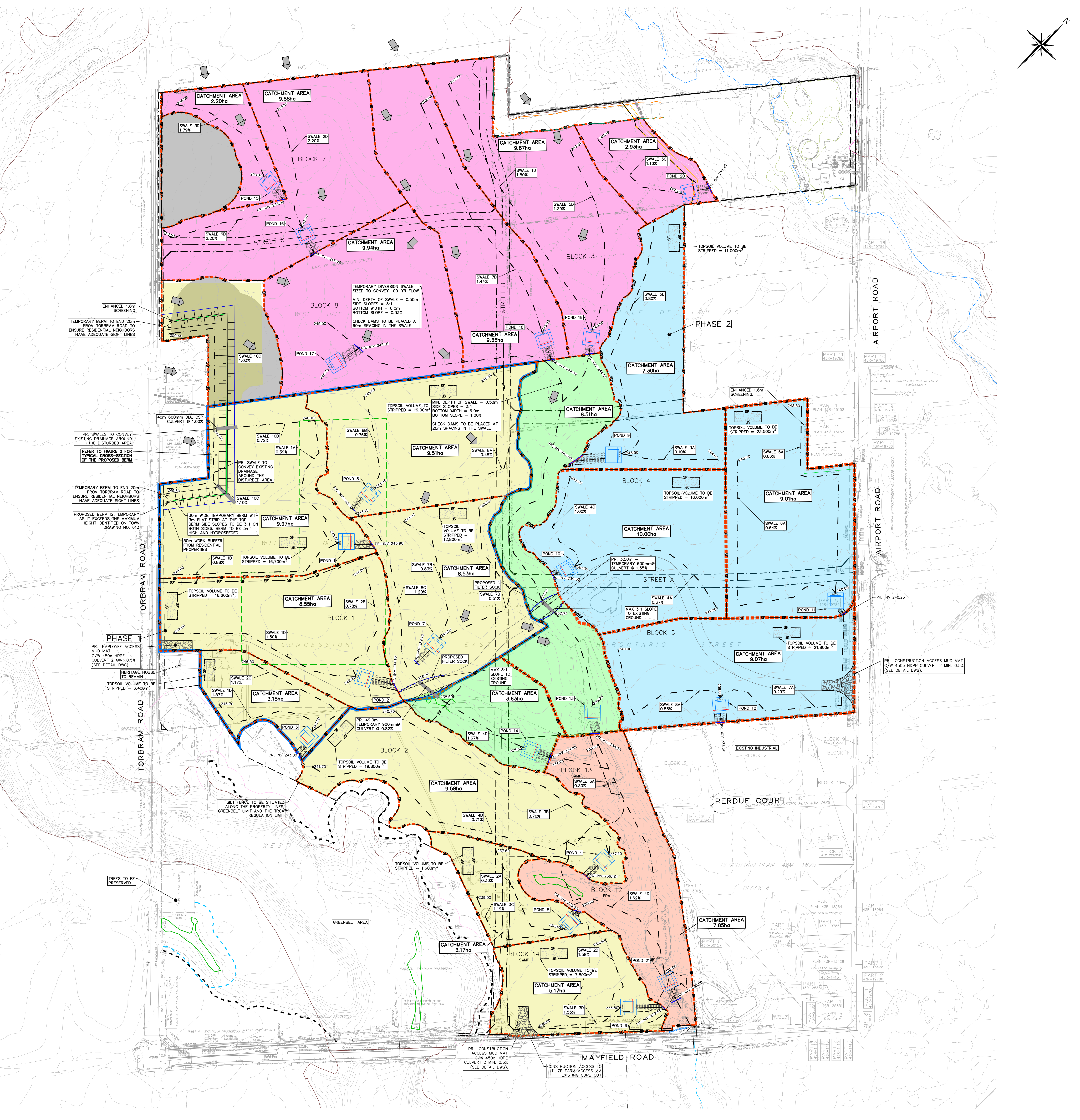
Attachment 6: Proposed Works

- 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 MWS 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.

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**
- 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 DWG TSP-02)
 - WETLAND LIMIT (30m BUFFER, GEI 2022)
 - WETLAND LIMIT (GEI 2022)
 - EX. WATERCOURSE
 - FLOODLINE
 - FLOODLINE + 15m BUFFER
 - ENHANCED 1.8m SCREENING
 - 50m WORK BUFFER FROM RESIDENTIAL PROPERTIES
 - DRIFLINE (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 (SPSD-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
 - FOURTH PHASE OF TOPSOIL STRIPPING WORKS
 - FIFTH PHASE OF TOPSOIL STRIPPING WORKS
 - 50m ARCHAEOLOGICAL BUFFER
 - FILTREXX CHECK DAM

- NOTES:**
1. CONTRACTOR TO ENSURE POSITIVE DRAINAGE FROM EXTERNAL PROPERTIES IS MAINTAINED AND DRAINAGE FROM EXTERNAL PROPERTIES IS NOT BLOCKED
 2. STOCKPILES TO BE STABILIZED USING CROSSON 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

No.	ISSUE / REVISION	DATE
1	ISSUED TO TRCA	2024/AUG/29
2	ISSUED TO TRCA	2024/MAY/24
3	ISSUED TO TRCA	2024/APR/10
4	ISSUED TO TRCA	2023/DEC/13

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

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

SITE BENCHMARKS: 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: 180 PROJECT No: 180

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TULLAMORE LANDS TOWN OF CALEDON

TOPSOIL STRIPPING BLOCK 1, PHASE 1-5 AREAS

CROZIER CONSULTING ENGINEERS

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