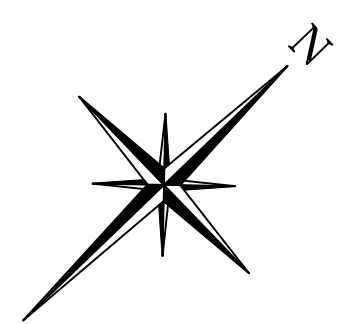
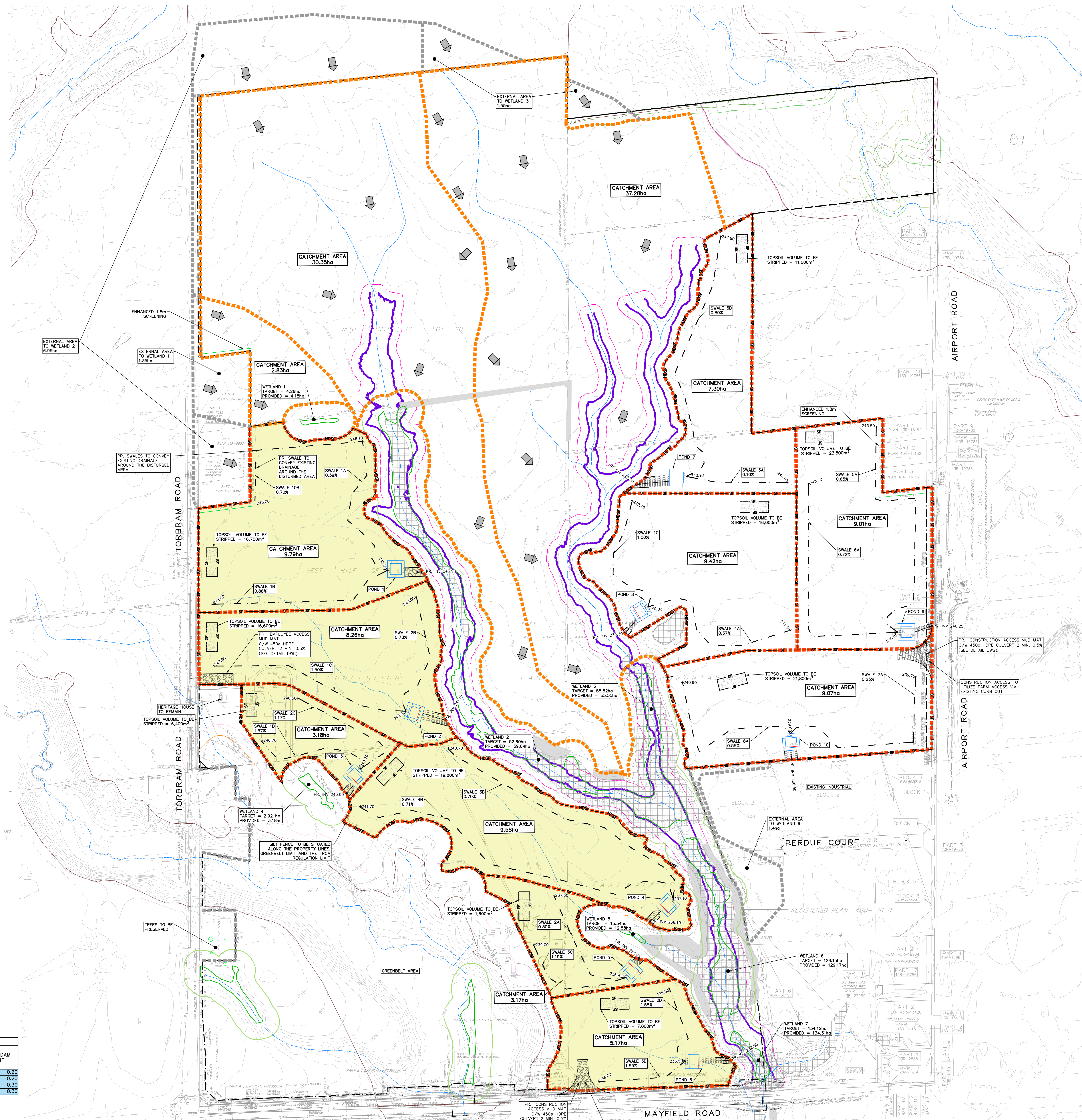


TOWN OF CALEDON
PLANNING
RECEIVED

April 13, 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-03 FROM FILTREXX DETAIL



LEGEND	
---	PROPERTY LINE
---	PROPOSED SWALE
---	EXISTING CONTOUR (1.0m)
---	EXISTING CONTOUR (3.0m)
---	GREENBELT BOUNDARY
---	CURRENT PHASE TOPSOIL STRIPPING AREA
---	EXISTING WETLAND CATCHMENTS
---	EXTERNAL WETLAND CATCHMENTS
---	SILT FENCE (OPSD-219.100)
---	DOUBLE SILT FENCE (PER DETAIL ON DWD TSP-03)
---	WETLAND LIMIT (30m BUFFER, GEI 2022)
---	WETLAND LIMIT (GEI 2022)
---	EX. WATERCOURSE
---	PR. SEDIMENT CURTAIN (OPSS 219.260 AND OPSS 219.261)
---	FLOODLINE
---	FLOODLINE + 15m BUFFER
---	ENHANCED 1.8m SCREENING
---	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 (OPSD-219.100)
---	200mm DEPTH, 200mm DIAMETER RPP-RAP
---	FIRST PHASE OF TOPSOIL STRIPPING WORKS

NOTE:

- CONTRACTOR TO ENSURE POSITIVE DRAINAGE FROM EXTERNAL PROPERTIES IS MAINTAINED AND DRAINAGE FROM EXTERNAL PROPERTIES IS NOT BLOCKED
- 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-03)

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-03)

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-03 FOR POND AND SWALE DESIGN DETAILS

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