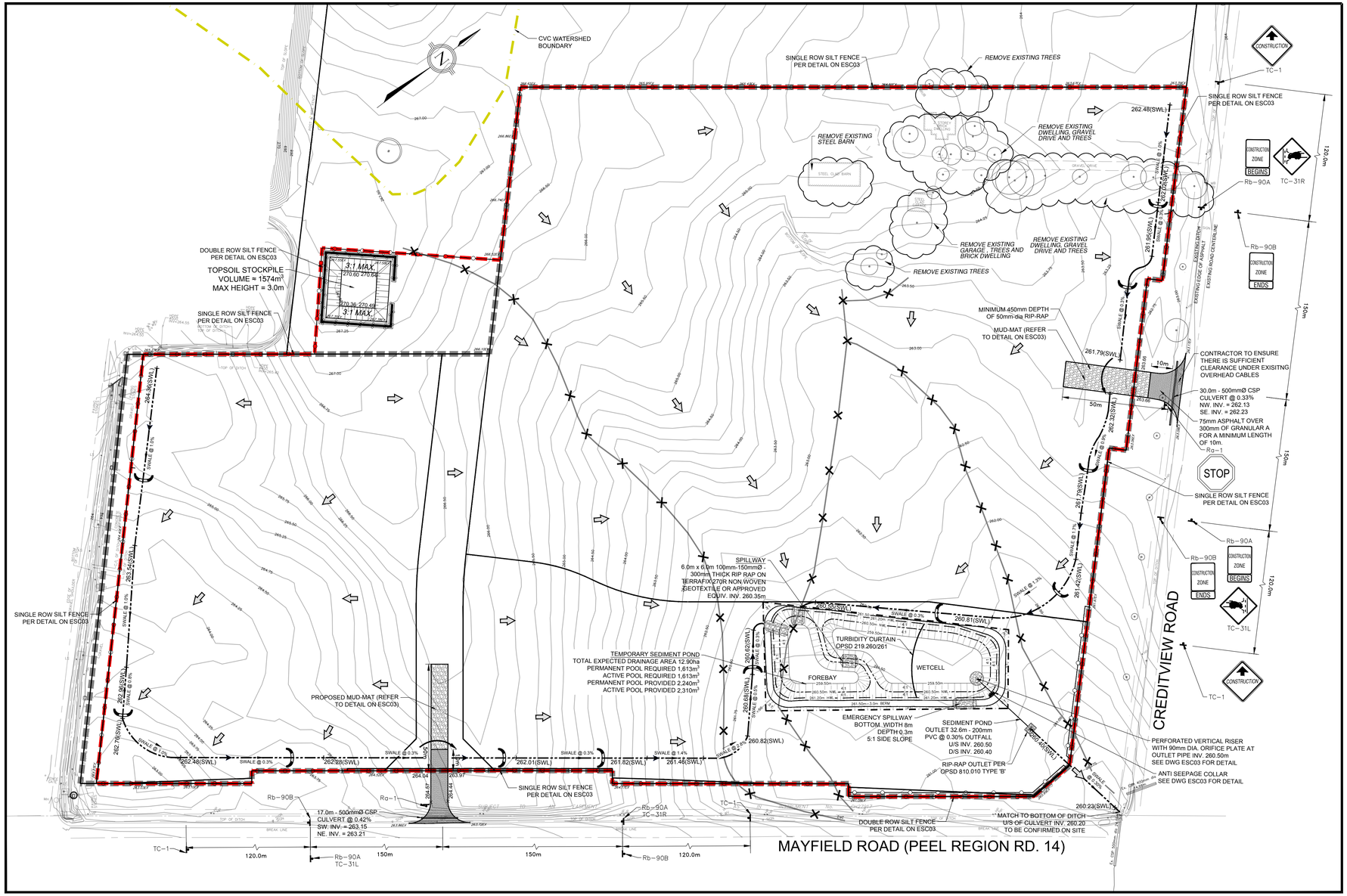
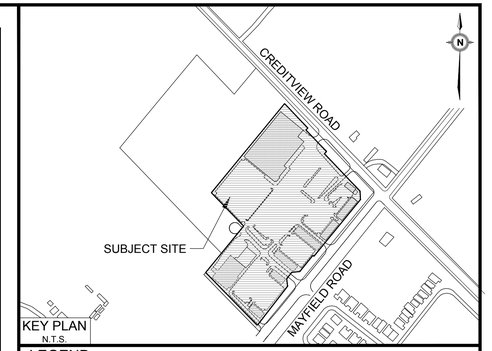
TOWN OF CALEDON
PLANNING
RECEIVED
September 23, 2025





LEGEND

- FILTREXX CHECK DAM AS PER DETAIL (ESC03)
- 265.36 (SWL) — PROPOSED SWALE ELEVATION
- 265.65 EX — EXISTING ELEVATION
- 265 — EXISTING CONTOUR
- STRAW BALES — DOUBLE ROW SILT FENCE (AS PER DETAIL ON ESC03)
- SILT CONTROL FENCE (AS PER DETAIL ON ESC03)
- SWALE @ 1.63% — CUT-OFF SWALE AS PER DETAIL ON ESC03
- OVERLAND FLOW DIRECTION
- EXISTING PROPERTY LIMIT
- CONSTRUCTION LIMIT
- PROPOSED PROPERTY LINE
- CVC/TRCA REGULATION LIMITS
- EXISTING DWELLING, GRAVEL DRIVE, TREES, ETC. TO BE REMOVED
- MUD-MAT (AS PER DETAIL ON ESC03)
- EXISTING HEADWATER DRAINAGE/ SWALE TO BE FILLED
- PUMP STORMWATER RUN-OFF (AS-NEEDED)
- SILTATION CONTROL MEASURES (AS PER DETAIL ON ESC03)

REGION NOTES:

1. THE APPLICANT, APPLICANT'S REPRESENTATIVE CONSULTANT, CONTRACTOR AND SUB CONTRACTOR ARE RESPONSIBLE TO ENSURE THAT THEIR DESIGN AND CONSTRUCTION PRACTICES CONFORM TO THE LATEST REGION OF PEEL STANDARDS, SPECIFICATIONS AND DESIGN CRITERIA, POSTED ON THE REGION OF PEEL'S WEBSITE (www.peelregion.ca/pw/standards).

No.	REVISIONS	Date	By	Approved
2	SECOND SUBMISSION	AUGUST 2025	U.A.	A.A.
1	FIRST SUBMISSION	APRIL 2025	U.A.	A.A.

BENCHMARK: SET CUT CROSS 0.35m FROM SOUTH FACE OF CONCRETE HEAD WALL ALONG EAST SIDE OF ENTRANCE ROAD. 200m NORTH OF MAYFIELD ROAD. ELEVATION 265.29m

ELEVATION: ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO GEODETIC DATUM AND ARE DERIVED FROM THE CITY OF BRAMPTON HORIZONTAL CONTROL MONUMENT: No. 042200357 AT ELEVATION=260.691m

LICENCED PROFESSIONAL ENGINEER — A.A.AHMADZAI — 100161453 — 2025/09/04 — PROVINCE OF ONTARIO

REGION FILE No: XX

Designed By:

TOWN FILE No: SPA 2024-0092

CVC STANDARD NOTES

1. "EROSION AND SEDIMENT CONTROL (ESC) MEASURES WILL BE IMPLEMENTED PRIOR TO, AND MAINTAINED DURING THE CONSTRUCTION PHASES, TO PREVENT ENTRY OF SEDIMENT INTO THE WATER. ALL DAMAGED EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE REPAIRED AND/OR REPLACED WITHIN 48 HOURS OF THE INSPECTION."
2. "DISTURBED AREAS WILL BE MINIMIZED TO THE EXTENT POSSIBLE, AND TEMPORARILY OR PERMANENTLY STABILIZED OR RESTORED AS THE WORK PROGRESSES."
3. "ALL IN-WATER AND NEAR WATER WORKS WILL BE CONDUCTED IN THE DRY WITH APPROPRIATE EROSION AND SEDIMENT CONTROLS."
4. "THE EROSION AND SEDIMENT CONTROL STRATEGIES OUTLINED ON THE PLANS ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO MINIMIZE SEDIMENT LADEN RUNOFF FROM LEAVING THE WORK AREAS. IF THE PRESCRIBED MEASURES ON THE PLANS ARE NOT EFFECTIVE IN PREVENTING THE RELEASE OF A DELETERIOUS SUBSTANCE, INCLUDING SEDIMENT, THEN ALTERNATIVE MEASURES MUST BE IMPLEMENTED IMMEDIATELY TO MINIMIZE POTENTIAL ECOLOGICAL IMPACTS. CVC ENFORCEMENT OFFICER SHOULD BE IMMEDIATELY CONTACTED. ADDITIONAL ESC MEASURES TO BE KEPT ON SITE AND USED AS NECESSARY."
5. "AN ENVIRONMENTAL MONITOR WILL ATTEND THE SITE TO INSPECT ALL NEW CONTROLS, AS WELL AS ON A WEEKLY BASIS, OR FOLLOWING RAIN/SNOWMELT EVENT, TO MONITOR ALL WORKS, AND IN PARTICULAR WORKS RELATED TO EROSION AND SEDIMENT CONTROLS, DEWATERING OR UNWATERING, RESTORATION AND IN- OR NEAR- WATER WORKS. SHOULD CONCERNS ARISE ON SITE THE ENVIRONMENTAL MONITOR WILL CONTACT THE CVC ENFORCEMENT OFFICER AS WELL AS THE PROPONENT."
6. "ALL ACTIVITIES, INCLUDING MAINTENANCE PROCEDURES, WILL BE CONTROLLED TO PREVENT THE ENTRY OF PETROLEUM PRODUCTS, DEBRIS, RUBBLE, CONCRETE OR OTHER DELETERIOUS SUBSTANCES INTO THE WATER. VEHICULAR REFUELING AND MAINTENANCE WILL BE CONDUCTED A MINIMUM OF 30 METRES FROM THE WATER."
7. "ALL GRADES WITHIN THE REGULATORY FLOOD PLAIN WILL BE MAINTAINED OR MATCHED."
8. "THE PROPONENT/CONTRACTOR SHALL MONITOR THE WEATHER SEVERAL DAYS IN ADVANCE OF THE ONSET OF THE PROJECT TO ENSURE THAT THE WORKS WILL BE CONDUCTED DURING FAVOURABLE WEATHER CONDITIONS. SHOULD AN UNEXPECTED STORM ARISE, THE CONTRACTOR WILL REMOVE ALL UNFIXED ITEMS FROM THE REGIONAL STORM FLOOD PLAIN THAT WOULD HAVE THE POTENTIAL TO CAUSE A SPILL OR AN OBSTRUCTION TO FLOW, E.G., FUEL TANKS, PORTA-POTTIES, MACHINERY, EQUIPMENT, CONSTRUCTION MATERIALS, ETC."
9. "ALL DEWATERING/UNWATERING SHALL BE TREATED AND RELEASED TO THE ENVIRONMENT AT LEAST 30 METRES FROM A WATERCOURSE OR WETLAND AND ALLOWED TO DRAIN THROUGH A ELL-VEGETATED AREA. NO DEWATERING EFFLUENT SHALL BE SENT DIRECTLY TO ANY WATERCOURSE, WETLAND OR FOREST, OR ALLOWED TO DRAIN ONTO DISTURBED SOILS WITHIN THE WORK AREA. THESE CONTROL MEASURES SHALL BE MONITORED FOR EFFECTIVENESS AND MAINTAINED OR REVISED TO MEET THE OBJECTIVE OF PREVENTING THE RELEASE OF SEDIMENT LADEN WATER."
10. "ALL ACCESS TO THE WORK SITE SHALL BE FROM EITHER SIDE OF THE WATERCOURSE. NO EQUIPMENT OR VEHICLES ARE PERMITTED TO CROSS THROUGH THE WATERCOURSE UNLESS APPROVED BY CVC."
11. "IN ORDER TO COMPLY WITH THE MIGRATORY BIRDS CONVECTION ACT, CVC RECOMMENDS THAT TREE REMOVALS BE COMPLETED BETWEEN AUGUST 1 AND APRIL 1."
12. "TO PROTECT LOCAL FISH POPULATIONS DURING THEIR SPAWNING, NURSERY AND MIGRATORY PERIODS, IN-WATER/NEAR-WATER ACTIVITIES, MAY ONLY OCCUR DURING THE FOLLOWING TIME PERIOD. JULY 1 TO SEPT 15.
13. "FISH AND WILDLIFE STRANDED WITHIN THE WORK AREA SHALL BE CAPTURED AND RELEASED LIVE IN SUITABLE HABITAT UPSTREAM OF THE WORK AREA UNDER THE SUPERVISION OF A QUALIFIED AQUATIC BIOLOGIST. A PERMIT FROM THE MINISTRY OF NATURAL RESOURCES IS REQUIRED."
14. "PLEASE NOTIFY CVC ENFORCEMENT OFFICER AND CVC PROJECT MANAGER 48 HOURS PRIOR TO COMMENCING CONSTRUCTION."
15. "AN ENVIRONMENTAL MONITOR WILL BE ON SITE, AND PROVIDE ADVICE, TO ENSURE THAT ACTIVITIES THAT COULD HAVE A NEGATIVE IMPACT TO THE NATURAL ENVIRONMENT ARE EFFECTIVELY MITIGATED AS CONSTRUCTION PROCEEDS. THE ENVIRONMENTAL MONITOR SHALL NOTIFY THE CVC ENFORCEMENT OFFICER AND PROJECT MANAGER IF AN ISSUE ARISES."

TOWN OF CALEDON EROSION AND SEDIMENT CONTROL NOTES

1. ALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF WORKS ON SITE AND SHALL BE MAINTAINED DURING ALL CONSTRUCTION PHASES OF THE WORKS.
2. MANAGE CONSTRUCTION EROSION AND SEDIMENT CONTROL THROUGH DEVELOPMENT AND IMPLEMENTATION OF AN EROSION AND SEDIMENT CONTROL (ESC) PLAN. THE ESC PLAN SHALL HAVE REGARD TO:
   - CANADIAN STANDARDS ASSOCIATION (CSA) W202 EROSION AND SEDIMENT CONTROL INSPECTION AND MONITORING STANDARD (AS AMENDED); OR
   - EROSION AND SEDIMENT CONTROL GUIDELINE FOR URBAN CONSTRUCTION 2019 BY TRCA (AS AMENDED).
3. INSTALLATION AND MAINTENANCE OF THE ESC MEASURES SPECIFIED IN THE ESC PLAN SHALL HAVE REGARD TO CSA W208:20 EROSION AND SEDIMENT CONTROL INSTALLATION AND MAINTENANCE (AS AMENDED).
4. THE ESC STRATEGIES OUTLINED ON THIS PLAN ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO PREVENT SEDIMENT RELEASE OUTSIDE THE WORK AREA. THE TOWN IS TO BE ADVISED OF ANY CHANGES TO ESC MEASURES, AND AT THE DISCRETION OF THE TOWN, UPDATED PLANS MAY BE REQUIRED.
5. THE CONTRACTOR IS TO ASSIGN AN ENVIRONMENTAL MONITOR (EM) TO ASSURE CONSTRUCTION ACTIVITIES COMPLY WITH THE ENVIRONMENTAL PROVISIONS AND AGENCY PERMITS. THE EM WILL BE A QUALIFIED PERSON AS DETERMINED BY THE TOWN AND/OR CONSERVATION AUTHORITY. THE EM SHOULD SUBMIT INSPECTION FORMS ELECTRONICALLY TO THE TOWN AND CONSERVATION AUTHORITY UPON REQUEST.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ESC MEASURES IN WORKING CONDITION AT ALL TIMES TO THE SATISFACTION OF THE TOWN AND/OR CONSERVATION AUTHORITY. ALL DAMAGED ESC MEASURES SHOULD BE REPAIRED AND/OR REPLACED WITHIN 48 HOURS OF THE INSPECTION.
7. THE CONTRACTOR SHALL ROUTINELY INSPECT ALL ESC DEVICES TO ENSURE PROPER WORKING ORDER. FREQUENCY OF INSPECTIONS OF ESC MEASURES IS AS FOLLOWS:
   - ONCE PER WEEK DURING EARTHWORKS ACTIVITIES
   - ONCE EVERY TWO WEEKS DURING TIMES OF NO EARTHWORKS
   - PRIOR TO PREDICTED RAINFALL EVENTS OF 10 MM OR MORE OVER 12 HOURS
   - WITHIN 48 HOURS OF EVERY RAINFALL EVENT OF 10 MM OR MORE OVER 12 HOURS
   - PRIOR TO SIGNIFICANT SNOWMELT EVENTS
   - WITHIN 48 HOURS OF SIGNIFICANT SNOWMELT EVENTS; AND
   - DAILY DURING EXTENDED RAIN OR SNOWMELT PERIODS
   - AFTER EXTREME WEATHER EVENTS (FOR EXAMPLE: WIND)
8. RECORD OF ESC INSPECTIONS SHALL BE ROUTINELY SUBMITTED TO THE TOWN AND INCLUDE AT MINIMUM: THE NAME OF THE INSPECTOR, DATE OF INSPECTION, VISUAL OBSERVATIONS, AND THE REMEDIAL MEASURES, IF ANY, UNDERTAKEN TO MAINTAIN THE TEMPORARY ESC MEASURES.
9. ALL CONSTRUCTION VEHICLES MUST ENTER AND EXIT THE SITE ONLY FROM THE APPROVED ACCESS ROUTE(S) AS SHOWN ON THE PLANS. CONSTRUCTION ACCESS WILL BE MAINTAINED TO THE SATISFACTION OF THE TOWN/REGION. STREET SWEEPING IS REQUIRED AS NEEDED.
10. NO CONSTRUCTION ACTIVITY OR MACHINERY SHALL BE ALLOWED BEYOND THE SILT FENCE OR LIMITS OF THE SITE WORKS.
11. THE CONTRACTOR IS RESPONSIBLE TO IMPLEMENT DUST CONTROL MEASURES AND CONSTRUCTION BEST PRACTICE GUIDELINES AS APPROVED BY THE TOWN AND/OR CONSERVATION AUTHORITY.
12. ALL DISTURBED GROUND LEFT INACTIVE FOR 30 DAYS SHALL BE VEGETATED, SUBJECT TO WEATHER CONDITIONS. DISTURBED AREAS ARE TO BE HYDROSEEDED (OR APPROVED EQUIVALENT) TO THE SATISFACTION OF THE TOWN.
13. ALL TOPSOIL STOCKPILES SHALL BE SURROUNDED WITH SEDIMENT CONTROL FENCE. THE MAXIMUM SIDE SLOPE SHALL BE 2:1 (H:V). ONCE TOPSOIL STRIPPING IS COMPLETED THE STOCKPILE SHALL BE VEGETATED, SUBJECT TO WEATHER CONDITIONS, BY HYDROSEEDED, OR AN APPROVED EQUIVALENT, TO THE SATISFACTION OF THE TOWN.
14. CONTRACTOR SHALL TAKE CARE AND CONTROL SPILLS, FLUIDS AND MATERIALS DURING CONSTRUCTION TO MINIMIZE RISK TO THE ENVIRONMENT.

SEED MIXTURE

NATIVE PRAIRIE LOW GROW GRASS MIXTURE	
% OF MIXTURE	*COMPOSITION TYPE*
25%	*FOWL BLUEGRASS (POA PALUSTRIS)*
30%	*CANADA WILD RYE (ELYMUS CANADENSIS)*
15%	*LITTLE BLUESTEM (SCHIZACHYRIUM SCORPARIUM)*
30%	*SAND DROPSEED (SPOROBOLUS CRYPTANDRUS)*

SUMMARY CHART FOR ESC STAGING

ESC MEASURE	TIMING FOR INSTALLATION	INSPECTION MAINTENANCE REQUIREMENTS	TIMING FOR REMOVAL
STAGE 1 – AREA GRADING			
1. Install traffic control signs and construction access to the site. 2. Install silt fences in the areas shown. 3. Clear site of trees and vegetation as required. Clear and grub the area. 4. Construct the temporary sediment pond. 5. Construct the cut-off swales. 6. Strip the topsoil from the site, and stockpile in area shown. Stockpile area to be pre-graded before stockpiling. 7. Install double row silt fence around stockpile area.	Prior to stage 1 works.	- Consultant to arrange inspection with Town staff once installation is complete. - Consultant to undertake weekly inspections and after each rainfall event, including weekly reporting. - Regular maintenance to remove accumulated sediment and repair ESC measures.	Just prior to final grading, replacement with Stage 2 measures.

Region of Peel — Working for you

TOWN OF CALEDON

TYLin
3381 Steeles Avenue East, Suite 315
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M2H 3S8
p: 905.738.5700
f: 905.738.0065

12100 CREDITVIEW DEVELOPMENTS LTD.

EROSION & SEDIMENTATION PLAN STAGE 1 (TOPSOIL STRIPPING)

SCALE: 1:1000	CHECKED BY: A.A.	PROJECT NO.	10376
DESIGNED BY: U.A.	DRAWN BY: U.A./R.P.	DRAWING NO.	ESC01
CHECKED BY: D.M.	DATE: APRIL 2025	SHEET NO.	01

COSTCO STAGING AREA AND CONSTRUCTION ACCESS NOTES

STAGING AREAS

FOR THE BUILDING:
STAGING AREA SHALL BE APPROXIMATELY 150 ft x 200 ft (45.72 m x 60.96m), 30,000 ft² (2,787.09 m²) IN SIZE, WITH AN ALL-WEATHER SURFACE AND SHALL HAVE ACCESS AT ALL TIMES TO THE BUILDING PAD AREA AND ADJACENT ROADWAYS.

FOR THE FUEL FACILITY:
A SEPARATE FUEL FACILITY STAGING AREA SHALL BE PROVIDED THAT IS A MINIMUM 15,000 ft² (1,393.55 m²).

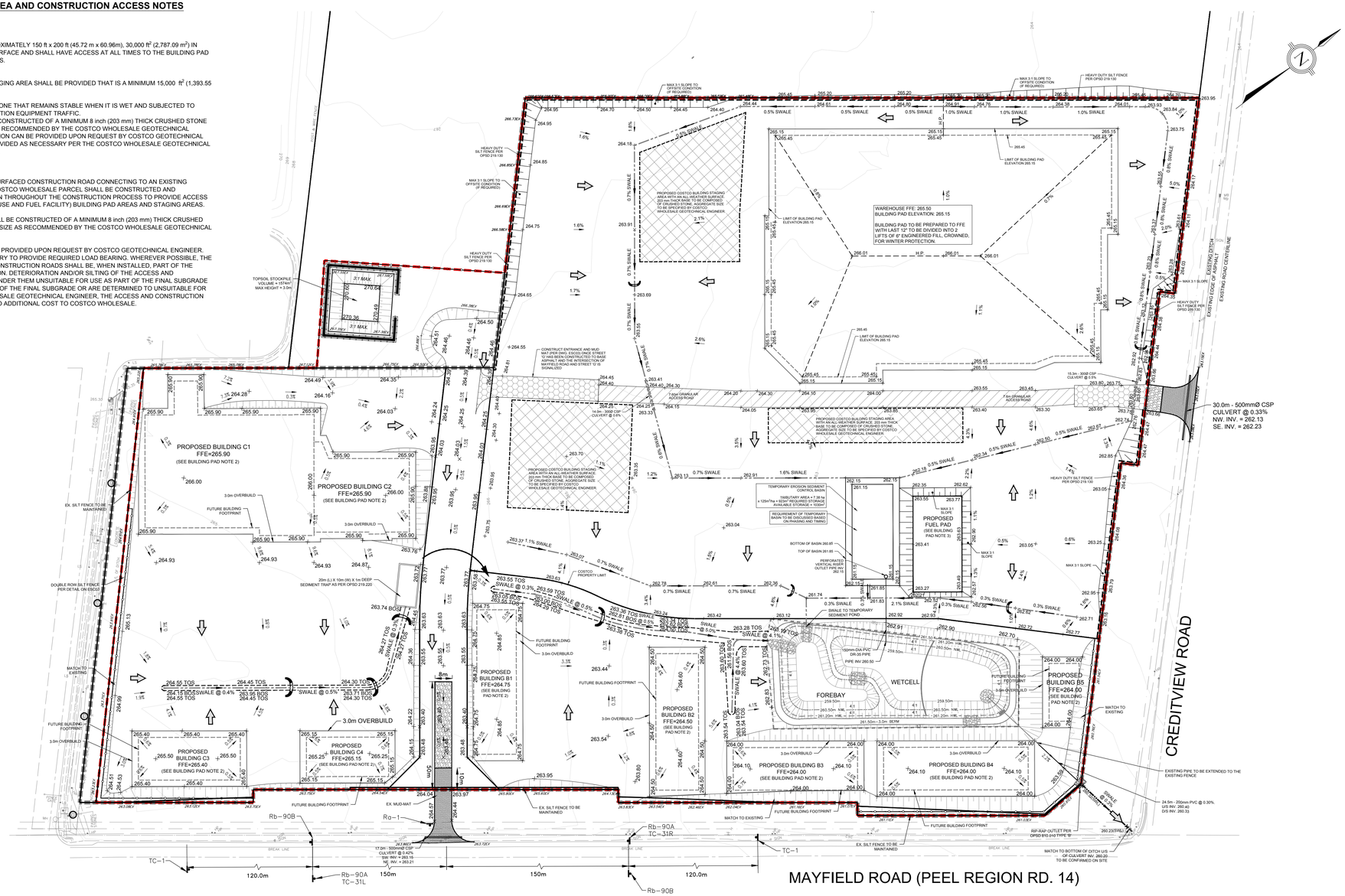
AN "ALL-WEATHER SURFACE" IS ONE THAT REMAINS STABLE WHEN IT IS WET AND SUBJECTED TO HEAVY VEHICLE AND CONSTRUCTION EQUIPMENT TRAFFIC.
THE STAGING AREAS SHALL BE CONSTRUCTED OF A MINIMUM 8 inch (203 mm) THICK CRUSHED STONE BASE WITH AGGREGATE SIZE AS RECOMMENDED BY THE COSTCO WHOLESALE GEOTECHNICAL ENGINEER. TYPICAL SPECIFICATION CAN BE PROVIDED UPON REQUEST BY COSTCO GEOTECHNICAL ENGINEER. GEOGRID TO BE PROVIDED AS NECESSARY PER THE COSTCO WHOLESALE GEOTECHNICAL ENGINEER RECOMMENDATIONS.

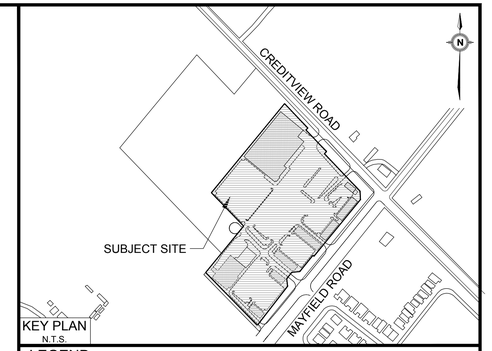
CONSTRUCTION ACCESS

A TEMPORARY ALL-WEATHER SURFACED CONSTRUCTION ROAD CONNECTING TO AN EXISTING ROADWAY ADJACENT TO THE COSTCO WHOLESALE PARCEL SHALL BE CONSTRUCTED AND MAINTAINED IN GOOD CONDITION THROUGHOUT THE CONSTRUCTION PROCESS TO PROVIDE ACCESS TO AND AROUND THE (WAREHOUSE AND FUEL FACILITY) BUILDING PAD AREAS AND STAGING AREAS.

THE CONSTRUCTION ROAD SHALL BE CONSTRUCTED OF A MINIMUM 8 inch (203 mm) THICK CRUSHED STONE BASE WITH AGGREGATE SIZE AS RECOMMENDED BY THE COSTCO WHOLESALE GEOTECHNICAL ENGINEER.

TYPICAL SPECIFICATION CAN BE PROVIDED UPON REQUEST BY COSTCO GEOTECHNICAL ENGINEER. PROVIDE GEOGRID AS NECESSARY TO PROVIDE REQUIRED LOAD BEARING. WHEREVER POSSIBLE, THE DESIGN OF THE ACCESS AND CONSTRUCTION ROADS SHALL BE, WHEN INSTALLED, PART OF THE PERMANENT SUB-GRADE SECTION. DETERIORATION AND/OR SILTING OF THE ACCESS AND CONSTRUCTION ROADS MAY RENDER THEM UNSUITABLE FOR USE AS PART OF THE FINAL SUBGRADE SECTION. IF NOT USED AS PART OF THE FINAL SUBGRADE OR ARE DETERMINED TO UNSUITABLE FOR RE-USE BY THE COSTCO WHOLESALE GEOTECHNICAL ENGINEER, THE ACCESS AND CONSTRUCTION ROAD SHALL BE REMOVED AT NO ADDITIONAL COST TO COSTCO WHOLESALE.





KEY PLAN
N.T.S.

LEGEND

- FILTREXX CHECK DAM AS PER DETAIL (ESC03)
- × 265.11 — PRE-GRADE ELEVATIONS
- × 265.36 TOS — PROPOSED TOP OF SWALE
- × 265.36 BOS — PROPOSED BOTTOM OF SWALE
- × 265.65 EX — EXISTING ELEVATION
- 265 — EXISTING CONTOUR
- STRAW BALES — DOUBLE ROW SILT FENCE (AS PER DETAIL ON ESC03)
- SILT CONTROL FENCE (AS PER DETAIL ON ESC03)
- SWALE @ 1.60% — CUT OFF SWALES AS PER DETAIL ON ESC03
- PROPOSED SWALES
- OVERLAND FLOW DIRECTION
- EXISTING PROPERTY LIMIT
- PROPOSED PROPERTY LINE
- CONSTRUCTION LIMIT – STAGE 2
- MUD-MAT (AS PER DETAIL ON ES03)
- PUMP STORMWATER RUN-OFF (AS-NEEDED)
- SILTATION CONTROL MEASURES (AS PER DETAIL ON ESC03)

REGION NOTES:
1. THE APPLICANT, APPLICANT'S REPRESENTATIVE CONSULTANT, CONTRACTOR AND SUB CONTRACTOR ARE RESPONSIBLE TO ENSURE THAT THEIR DESIGN AND CONSTRUCTION PRACTICES CONFORM TO THE LATEST REGION OF PEEL STANDARDS, SPECIFICATIONS AND DESIGN CRITERIA, POSTED ON THE REGION OF PEEL'S WEBSITE (www.peelregion.ca/pw/standards).

No.	REVISIONS	Date	By	Approved
2	SECOND SUBMISSION	AUGUST 2025	U.A.	A.A.
1	FIRST SUBMISSION	APRIL 2025	U.A.	A.A.

BENCHMARK: SET CUT CROSS 0.35m FROM SOUTH FACE OF CONCRETE HEAD WALL ALONG EAST SIDE OF ENTRANCE ROAD. 200m NORTH OF MAYFIELD ROAD. ELEVATION 265.29m

ELEVATION: ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO GEODETIC DATUM AND ARE DERIVED FROM THE CITY OF BRAMPTON HORIZONTAL CONTROL MONUMENT: No. 042200357 AT ELEVATION=260.691m

LICENSED PROFESSIONAL ENGINEER — A. A. AHMADZAI — 100161453 — 2025/09/04 — PROVINCE OF ONTARIO

REGION FILE No: XX

Designed By:

TOWN FILE No: SPA 2024-0092

Region of Peel — Working for you

TOWN OF CALEDON

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Toronto, ON
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p: 905.738.5700
f: 905.738.0065

12100 CREDITVIEW DEVELOPMENTS LTD.

EROSION & SEDIMENTATION PLAN STAGE 2 (PRE-GRADE)

SCALE: 1:1000	CHECKED BY: A.A.	PROJECT NO.	10376
DESIGNED BY: U.A.	DRAWN BY: U.A./R.P.	DRAWING NO.	ESC02
CHECKED BY: D.M.	DATE: APRIL 2025	SHEET NO.	02

CVC STANDARD NOTES

1. "EROSION AND SEDIMENT CONTROL (ESC) MEASURES WILL BE IMPLEMENTED PRIOR TO, AND MAINTAINED DURING THE CONSTRUCTION PHASES, TO PREVENT ENTRY OF SEDIMENT INTO THE WATER. ALL DAMAGED EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE REPAIRED AND/OR REPLACED WITHIN 48 HOURS OF THE INSPECTION."
2. "DISTURBED AREAS WILL BE MINIMIZED TO THE EXTENT POSSIBLE, AND TEMPORARILY OR PERMANENTLY STABILIZED OR RESTORED AS THE WORK PROGRESSES."
3. "ALL IN-WATER AND NEAR WATER WORKS WILL BE CONDUCTED IN THE DRY WITH APPROPRIATE EROSION AND SEDIMENT CONTROLS."
4. "THE EROSION AND SEDIMENT CONTROL STRATEGIES OUTLINED ON THE PLANS ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO MINIMIZE SEDIMENT LADEN RUNOFF FROM LEAVING THE WORK AREAS. IF THE PRESCRIBED MEASURES ON THE PLANS ARE NOT EFFECTIVE IN PREVENTING THE RELEASE OF A DELETERIOUS SUBSTANCE, INCLUDING SEDIMENT, THEN ALTERNATIVE MEASURES MUST BE IMPLEMENTED IMMEDIATELY TO MINIMIZE POTENTIAL ECOLOGICAL IMPACTS. CVC ENFORCEMENT OFFICER SHOULD BE IMMEDIATELY CONTACTED. ADDITIONAL ESC MEASURES TO BE KEPT ON SITE AND USED AS NECESSARY."
5. "AN ENVIRONMENTAL MONITOR WILL ATTEND THE SITE TO INSPECT ALL NEW CONTROLS, AS WELL AS ON A WEEKLY BASIS, OR FOLLOWING RAINS/SNOWMELT EVENT, TO MONITOR ALL WORKS, AND IN PARTICULAR WORKS RELATED TO EROSION AND SEDIMENT CONTROLS, DEWATERING OR UNWATERING, RESTORATION AND IN- OR NEAR- WATER WORKS. SHOULD CONCERNS ARISE ON SITE THE ENVIRONMENTAL MONITOR WILL CONTACT THE CVC ENFORCEMENT OFFICER AS WELL AS THE PROPONENT."
6. "ALL ACTIVITIES, INCLUDING MAINTENANCE PROCEDURES, WILL BE CONTROLLED TO PREVENT THE ENTRY OF PETROLEUM PRODUCTS, DEBRIS, RUBBLE, CONCRETE OR OTHER DELETERIOUS SUBSTANCES INTO THE WATER. VEHICULAR REFUELING AND MAINTENANCE WILL BE CONDUCTED A MINIMUM OF 30 METRES FROM THE WATER."
7. "ALL GRADES WITHIN THE REGULATORY FLOOD PLAIN WILL BE MAINTAINED OR MATCHED."
8. "THE PROPONENT/CONTRACTOR SHALL MONITOR THE WEATHER SEVERAL DAYS IN ADVANCE OF THE ONSET OF THE PROJECT TO ENSURE THAT THE WORKS WILL BE CONDUCTED DURING FAVOURABLE WEATHER CONDITIONS. SHOULD AN UNEXPECTED STORM ARISE, THE CONTRACTOR WILL REMOVE ALL UNFIXED ITEMS FROM THE REGIONAL STORM FLOOD PLAIN THAT WOULD HAVE THE POTENTIAL TO CAUSE A SPILL OR AN OBSTRUCTION TO FLOW, E.G., FUEL TANKS, PORTA-POTTIES, MACHINERY, EQUIPMENT, CONSTRUCTION MATERIALS, ETC."
9. "ALL DEWATERING/UNWATERING SHALL BE TREATED AND RELEASED TO THE ENVIRONMENT AT LEAST 30 METRES FROM A WATERCOURSE OR WETLAND AND ALLOWED TO DRAIN THROUGH A ELL-VEGETATED AREA. NO DEWATERING EFFLUENT SHALL BE SENT DIRECTLY TO ANY WATERCOURSE, WETLAND OR FOREST, OR ALLOWED TO DRAIN ONTO DISTURBED SOILS WITHIN THE WORK AREA. THESE CONTROL MEASURES SHALL BE MONITORED FOR EFFECTIVENESS AND MAINTAINED OR REVISED TO MEET THE OBJECTIVE OF PREVENTING THE RELEASE OF SEDIMENT LADEN WATER."
10. "ALL ACCESS TO THE WORK SITE SHALL BE FROM EITHER SIDE OF THE WATERCOURSE. NO EQUIPMENT OR VEHICLES ARE PERMITTED TO CROSS THROUGH THE WATERCOURSE UNLESS APPROVED BY CVC."
11. "IN ORDER TO COMPLY WITH THE MIGRATORY BIRDS CONVECTION ACT, CVC RECOMMENDS THAT TREE REMOVALS BE COMPLETED BETWEEN AUGUST 1 AND APRIL 1."
12. "TO PROTECT LOCAL FISH POPULATIONS DURING THEIR SPAWNING, NURSERY AND MIGRATORY PERIODS, IN-WATER/NEAR-WATER ACTIVITIES, MAY ONLY OCCUR DURING THE FOLLOWING TIME PERIOD. JULY 1 TO SEPT 15.
13. "FISH AND WILDLIFE STRANDED WITHIN THE WORK AREA SHALL BE CAPTURED AND RELEASED LIVE IN SUITABLE HABITAT UPSTREAM OF THE WORK AREA UNDER THE SUPERVISION OF A QUALIFIED AQUATIC BIOLOGIST. A PERMIT FROM THE MINISTRY OF NATURAL RESOURCES IS REQUIRED."
14. "PLEASE NOTIFY CVC ENFORCEMENT OFFICER AND CVC PROJECT MANAGER 48 HOURS PRIOR TO COMMENCING CONSTRUCTION."
15. "AN ENVIRONMENTAL MONITOR WILL BE ON SITE, AND PROVIDE ADVICE, TO ENSURE THAT ACTIVITIES THAT COULD HAVE A NEGATIVE IMPACT TO THE NATURAL ENVIRONMENT ARE EFFECTIVELY MITIGATED AS CONSTRUCTION PROCEEDS. THE ENVIRONMENTAL MONITOR SHALL NOTIFY THE CVC ENFORCEMENT OFFICER AND PROJECT MANAGER IF AN ISSUE ARISES."

TOWN OF CALEDON EROSION AND SEDIMENT CONTROL NOTES

1. ALL EROSION AND SEDIMENT CONTROL (ESC) MEASURES MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF WORKS ON SITE AND SHALL BE MAINTAINED DURING ALL CONSTRUCTION PHASES OF THE WORKS.
2. MANAGE CONSTRUCTION EROSION AND SEDIMENT CONTROL THROUGH DEVELOPMENT AND IMPLEMENTATION OF AN EROSION AND SEDIMENT CONTROL (ESC) PLAN. THE ESC PLAN SHALL HAVE REGARD TO:
   - CANADIAN STANDARDS ASSOCIATION (CSA) W202 EROSION AND SEDIMENT CONTROL INSPECTION AND MONITORING STANDARD (AS AMENDED); OR
   - EROSION AND SEDIMENT CONTROL GUIDELINE FOR URBAN CONSTRUCTION 2019 BY TRCA (AS AMENDED).
3. INSTALLATION AND MAINTENANCE OF THE ESC MEASURES SPECIFIED IN THE ESC PLAN SHALL HAVE REGARD TO CSA W208:20 EROSION AND SEDIMENT CONTROL INSTALLATION AND MAINTENANCE (AS AMENDED).
4. THE ESC STRATEGIES OUTLINED ON THIS PLAN ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO PREVENT SEDIMENT RELEASE OUTSIDE THE WORK AREA. THE TOWN IS TO BE ADVISED OF ANY CHANGES TO ESC MEASURES, AND AT THE DISCRETION OF THE TOWN, UPDATED PLANS MAY BE REQUIRED.
5. THE CONTRACTOR IS TO ASSIGN AN ENVIRONMENTAL MONITOR (EM) TO ASSURE CONSTRUCTION ACTIVITIES COMPLY WITH THE ENVIRONMENTAL PROVISIONS AND AGENCY PERMITS. THE EM WILL BE A QUALIFIED PERSON AS DETERMINED BY THE TOWN AND/OR CONSERVATION AUTHORITY. THE EM SHOULD SUBMIT INSPECTION FORMS ELECTRONICALLY TO THE TOWN AND CONSERVATION AUTHORITY UPON REQUEST.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ESC MEASURES IN WORKING CONDITION AT ALL TIMES TO THE SATISFACTION OF THE TOWN AND/OR CONSERVATION AUTHORITY. ALL DAMAGED ESC MEASURES SHOULD BE REPAIRED AND/OR REPLACED WITHIN 48 HOURS OF THE INSPECTION.
7. THE CONTRACTOR SHALL ROUTINELY INSPECT ALL ESC DEVICES TO ENSURE PROPER WORKING ORDER. FREQUENCY OF INSPECTIONS OF ESC MEASURES IS AS FOLLOWS:
   - ONCE PER WEEK DURING EARTHWORKS ACTIVITIES
   - ONCE EVERY TWO WEEKS DURING TIMES OF NO EARTHWORKS
   - PRIOR TO PREDICTED RAINFALL EVENTS OF 10 MM OR MORE OVER 12 HOURS
   - WITHIN 48 HOURS OF EVERY RAINFALL EVENT OF 10 MM OR MORE OVER 12 HOURS
   - PRIOR TO SIGNIFICANT SNOWMELT EVENTS
   - WITHIN 48 HOURS OF SIGNIFICANT SNOWMELT EVENTS; AND
   - DAILY DURING EXTENDED RAIN OR SNOWMELT PERIODS
   - AFTER EXTREME WEATHER EVENTS (FOR EXAMPLE: WIND)
8. RECORD OF ESC INSPECTIONS SHALL BE ROUTINELY SUBMITTED TO THE TOWN AND INCLUDE AT MINIMUM: THE NAME OF THE INSPECTOR, DATE OF INSPECTION, VISUAL OBSERVATIONS, AND THE REMEDIAL MEASURES, IF ANY, UNDERTAKEN TO MAINTAIN THE TEMPORARY ESC MEASURES.
9. ALL CONSTRUCTION VEHICLES MUST ENTER AND EXIT THE SITE ONLY FROM THE APPROVED ACCESS ROUTE(S) AS SHOWN ON THE PLANS. CONSTRUCTION ACCESS WILL BE MAINTAINED TO THE SATISFACTION OF THE TOWN/REGION. STREET SWEEPING IS REQUIRED AS NEEDED.
10. NO CONSTRUCTION ACTIVITY OR MACHINERY SHALL BE ALLOWED BEYOND THE SILT FENCE OR LIMITS OF THE SITE WORKS.
11. THE CONTRACTOR IS RESPONSIBLE TO IMPLEMENT DUST CONTROL MEASURES AND CONSTRUCTION BEST PRACTICE GUIDELINES AS APPROVED BY THE TOWN AND/OR CONSERVATION AUTHORITY.
12. ALL DISTURBED GROUND LEFT INACTIVE FOR 30 DAYS SHALL BE VEGETATED, SUBJECT TO WEATHER CONDITIONS. DISTURBED AREAS ARE TO BE HYDROSEEDED (OR APPROVED EQUIVALENT) TO THE SATISFACTION OF THE TOWN
13. ALL TOPSOIL STOCKPILES SHALL BE SURROUNDED WITH SEDIMENT CONTROL FENCE. THE MAXIMUM SIDE SLOPE SHALL BE 2:1 (H:V). ONCE TOPSOIL STRIPPING IS COMPLETED THE STOCKPILE SHALL BE VEGETATED, SUBJECT TO WEATHER CONDITIONS, BY HYDROSEEDED, OR AN APPROVED EQUIVALENT, TO THE SATISFACTION OF THE TOWN.
14. CONTRACTOR SHALL TAKE CARE AND CONTROL SPILLS, FLUIDS AND MATERIALS DURING CONSTRUCTION TO MINIMIZE RISK TO THE ENVIRONMENT.

BUILDING PAD NOTES

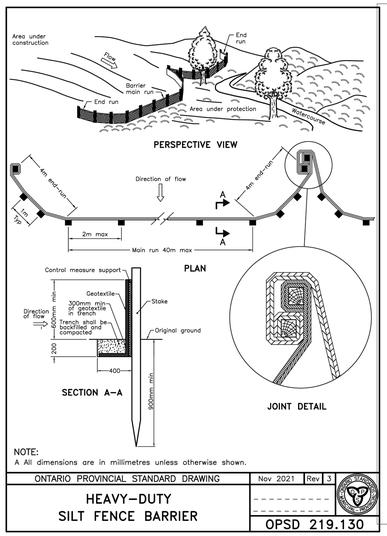
1. ALL BUILDING PADS AND FUEL PAD TO BE COMPACTED TO 98% OF STANDARD PROCTOR MAXIMUM DRY DENSITY.
2. BUILDING PADS FOR PROP. BUILDINGS A, B1, B2, B3, B4, B5, C1, C2, C3, C4 TO BE PREPARED TO FFE WITH LAST 12" TO BE DIVIDED INTO 2 LIFTS OF 6" ENGINEERED FILL, CROWNED, FOR WINTER PROTECTION.
3. COSTCO FUEL PAD TO BE PREPARED TO FFE. LAST 12" SHOULD BE DIVIDED INTO 2 LIFTS OF 6" ENGINEERED FILL.

SEED MIXTURE

NATIVE PRAIRIE LOW GROW GRASS MIXTURE	
% OF MIXTURE	*COMPOSITION TYPE*
25%	*FOWL BLUEGRASS (POA PALUSTRIS)*
30%	*CANADA WILD RYE (ELYMUS CANADENSIS)*
15%	*LITTLE BLUESTEM (SCHIZACHYRIUM SCORPARIUM)*
30%	*SAND DROPSEED (SPOROBOLUS CRYPTANDRUS)*

SUMMARY CHART FOR ESC STAGING

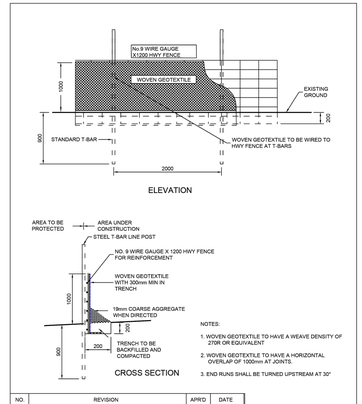
ESC MEASURE	TIMING FOR INSTALLATION	INSPECTION MAINTENANCE REQUIREMENTS	TIMING FOR REMOVAL
STAGE 2 – PRE-GRADING			
1. Install cut-off swales where shown. 2. Fill existing stage 1 swales. 3. Pre-grade site to elevations shown. 4. Maintain ESC measures as required.	Prior to site servicing.	- Consultant to arrange inspection with Town staff once installation is complete. - Consultant to undertake weekly inspections and after each rainfall event, including weekly reporting. - Regular maintenance to remove accumulated sediment and repair esc measures.	Prior to final topsoil and sodding of lot/block areas.



NOTE:
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2021	Rev 3
HEAVY–DUTY SILT FENCE BARRIER		
OPSD 219.130		

✳ GEOTEXTILE TO BE 270R TERRAFIX OR APPROVED EQUIVALENT. GEOTEXTILE USED SHOULD NOT HAVE A PLASTIC MESH LAYER.



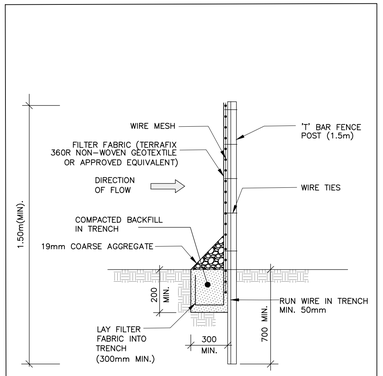
NOTES:
1. WOVEN GEOTEXTILE TO HAVE A WEAVE DENSITY OF 270R OR EQUIVALENT
2. WOVEN GEOTEXTILE TO HAVE A HORIZONTAL OVERLAP OF 1000mm AT JOINTS.
3. END RUNS SHALL BE TURNED UPSTREAM AT 30°

NO.	REVISION	APR'D	DATE
2	NAME CHANGED, STANDARD No. 325.01 NOW 304		JUNE 08
1	SUPPORT FENCING CHANGED TO HWY FENCE		Oct 02

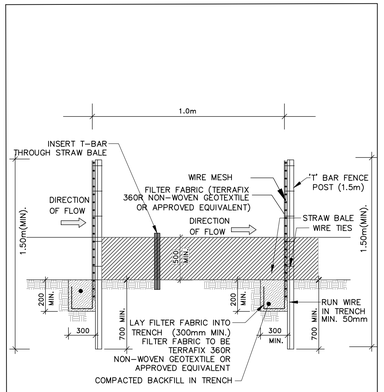
TOWN OF CALEDON

SEDIMENT CONTROL FENCE

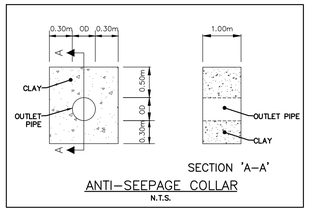
APR'D: C.C. DATE: APRIL 2000
DRAWN: BJM SCALE: N.T.S.
STANDARD No. 304



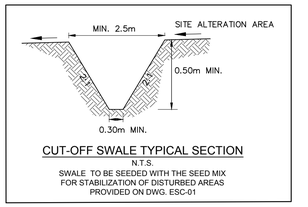
SIDE VIEWSEDIMENT CONTROL FENCE
AS PER TOWN OF CALEDON STD. 304 (MODIFIED)
N.T.S.



SIDE VIEW DOUBLE SILT FENCE
AS PER OPSD 219.130
N.T.S.

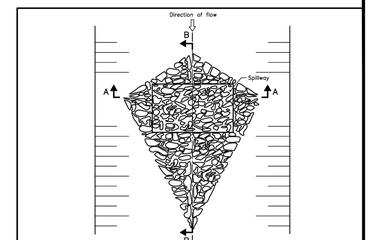


ANTI–SEEPAGE COLLAR
N.T.S.



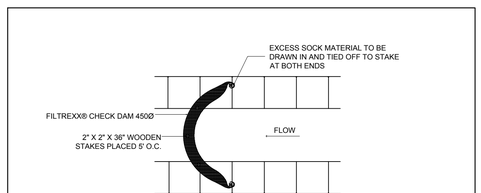
CUT–OFF SWALE TYPICAL SECTION
N.T.S.
SWALE TO BE SEEDED WITH THE SEED MIX FOR STABILIZATION OF DISTURBED AREAS PROVIDED ON DWG. ESC-01

SWALE SLOPE	FILTER SOCK CHECK DAM SPACING
0 - 1%	45m
1 - 2%	20m
2 - 3%	15m
3 - 4%	10m
4 - 5%	9m



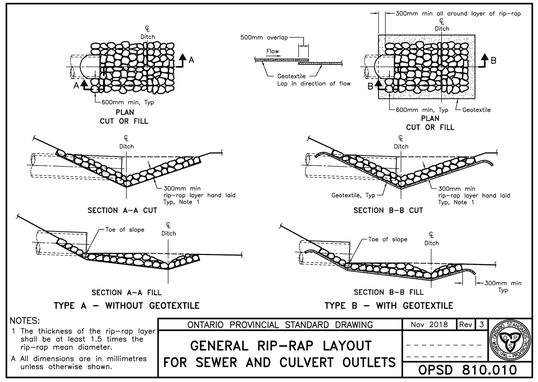
NOTE:
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2006	Rev 1
ROCK FLOW CHECK DAM V–DITCH		
OPSD 219.210		



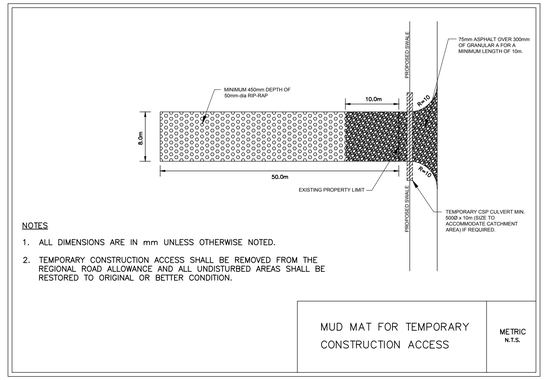
NOTES:
1. ALL MATERIAL TO MEET FILTREXX® SPECIFICATIONS.
2. CHECK DAM SHOULD BE USED IN AREAS THAT DRAIN 10 ACRES OR LESS.
3. SEDIMENT SHOULD BE REMOVED FROM BEHIND CHECK DAM ONCE THE ACCUMULATED HEIGHT HAS REACHED ½ THE HEIGHT OF THE CHECK DAM.
4. CHECK DAM CAN BE DIRECT SEEDED AT THE TIME OF INSTALLATION.
5. CONTRACTOR IS REQUIRED TO BE A FILTREXX CERTIFIED™ INSTALLER.

FILTREXX® CHECK DAM
NTS



NOTES:
1 The thickness of the rip–rap layer shall be at least 1.5 times the rip–rap mean diameter.
A All dimensions are in millimetres unless otherwise shown.

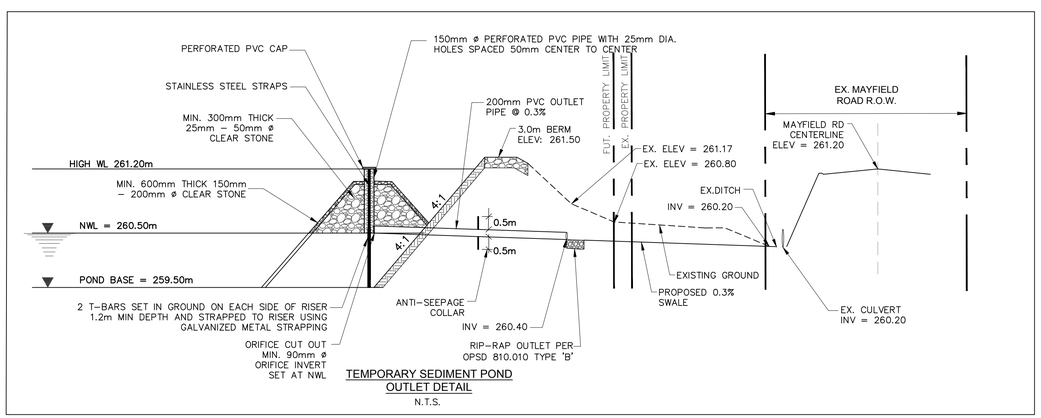
ONTARIO PROVINCIAL STANDARD DRAWING	Nov 2018	Rev 3
GENERAL RIP–RAP LAYOUT FOR SEWER AND CULVERT OUTLETS		
OPSD 810.010		



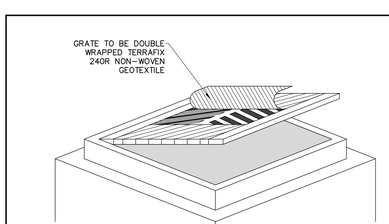
NOTES
1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
2. TEMPORARY CONSTRUCTION ACCESS SHALL BE REMOVED FROM THE REGIONAL ROAD ALLOWANCE AND ALL UNDISTURBED AREAS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION.

MUD MAT FOR TEMPORARY CONSTRUCTION ACCESS

METRIC N.T.S.



TEMPORARY SEDIMENT POND OUTLET DETAIL
N.T.S.



NOTES:
- NON-WOVEN GEOTEXTILE TO HAVE A MINIMUM EQUIVALENT OPENING SIZE OF 0.15mm AND A MAXIMUM EQUIVALENT OPENING SIZE OF 0.25mm.
- NON-WOVEN GEOTEXTILE TO BE MAINTAINED AND REINSTATED PERIODICALLY WHEN ACCUMULATED SEDIMENTS INTERFERES WITH DRAINAGE.
- CLEAR STONE TO BE PLACE ON TOP OF WRAPPED CATCHBASIN TO PROTECT GEOTEXTILE FROM LARGE OBJECTS.
- FILTERCLOTH (TERRAFENCE OR EQUIVALENT) FOLDED IN HALF AT OUTLET, WEIGHTED DOWN WITH REBAR.

INLET SEDIMENT CONTROL
N.T.S.

THE SILTATION CONTROL PLAN IS INTENDED TO ASSIST THE CONTRACTOR IN THE LAYOUT AND CONSTURCTION OF THE SILTATION CONTROL FEATURES ONLY. THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OF SITE SERVICES

ALL CONTROL WORKS SHALL BE IN PLACE PRIOR TO THE START OF STRIPPING OPERATIONS

NO IN-WATER WORKS ALLOWED BETWEEN APRIL 1ST TO JUNE 30TH, UNLESS AUTHORIZED BY DFO, MNR AND CH.

SILT / ENVIRONMENTAL CONTROL MEASURES TO BE INSPECTED AS REQUIRED, BY THE PROJECT ENVIRONMENTAL CONSULTANT DURING ALL PHASES OF CONSTRUCTION.

No.	REVISIONS	Date	By	Approved
2	SECOND SUBMISSION	AUGUST 2025	U.A.	A.A.
1	FIRST SUBMISSION	APRIL 2025	U.A.	A.A.

BENCHMARK: SET CUT CROSS 0.35m FROM SOUTH FACE OF CONCRETE HEAD WALL ALONG EAST SIDE OF ENTRANCE ROAD. 200m NORTH OF MAYFIELD ROAD. ELEVATION 265.29m

ELEVATION: ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO GEODETIC DATUM AND ARE DERIVED FROM THE CITY OF BRAMPTON HORIZONTAL CONTROL MONUMENT: No. 042200357 AT ELEVATION=260.691m

LICENSED PROFESSIONAL ENGINEER
A.A.AHMADZAI
100161453
2025/09/04
PROVINCE OF ONTARIO

REGION FILE No: XX
Designed By:
TOWN FILE No: SPA 2024-0092

Region of Peel
Working for you

TOWN OF CALEDON

TYLin
3381 Steeles Avenue East,
Suite 315
Toronto, ON
M2H 3S8
p: 905.738.5700
f: 905.738.0065

12100 CREDITVIEW DEVELOPMENTS LTD.

EROSION & SEDIMENTATION PLAN DETAILS

SCALE: AS SHOWN	CHECKED BY: A.A.	PROJECT NO.	10376
DESIGNED BY: U.A.	DRAWN BY: U.A./R.P.	DRAWING NO.	ESC03
CHECKED BY: D.M.	DATE: APRIL 2025	SHEET NO.	03