

EROSION AND SEDIMENT CONTROL NOTES:

1. ALL SEDIMENT CONTROL MEASURES SUCH AS SEDIMENT CONTROL FENCE, TEMPORARY PONDS, CONSTRUCTION ACCESS MATS, SEDIMENT TRAPS, SWALES AND CHECK DAMS MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF SITE WORKS.

2. SEDIMENT CONTROLS SHOULD BE INSPECTED ON A REGULAR BASIS AND AFTER EVERY SIGNIFICANT RAINFALL EVENT. REPAIRS TO ESC MEASURES MUST BE COMPLETED IN A TIMELY MANNER TO PREVENT SEDIMENT MIGRATION.

3. ADDITIONAL MATERIALS SUCH AS CLEAR STONE, FILTER FABRIC, PUMPS, HOSES AND SILTSCREENS TO BE KEPT ONSITE AT ALL TIMES FOR CONDUCTING REPAIRS TO SEDIMENT CONTROL MEASURES.

4. ALL DISTURBED AREAS LEFT INACTIVE FOR MORE THAN THIRTY DAYS ARE TO BE STABILIZED.

5. THE STABILIZATION SEED MIXTURE IS TO BE AS SPECIFIED ON THE EROSION AND SEDIMENT CONTROL PLAN.

6. THE STABILIZATION SEED MIXTURE IS TO BE APPLIED AT A MINIMUM RATE OF 25 kg/m².

7. ENGINEERED CHANGES TO THE ESC MEASURES MAY BE NEEDED AS SITE CONDITIONS CHANGE THROUGHOUT THE CONSTRUCTION PROCESS. THESE UPDATES MUST REFLECT BEST MANAGEMENT PRACTICES TO CONTROL SEDIMENT AND EROSION ONSITE AND SHOULD BE COMPLETED BASED ON DIRECTION FROM THE SITE ENGINEER. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY AN ENGINEER THROUGHOUT THE CONSTRUCTION PROCESS.

8. THE CONSTRUCTION ENTRANCE MAT IS TO BE INSTALLED AS THE FIRST STEP IN THE SITE ALTERATION PROCESS.

9. SEDIMENT CONTROL FENCE IS TO BE INSTALLED DOWNSLOPE OF ALL DISTURBED AREAS. A DOUBLE ROW OF SEDIMENT CONTROL FENCE IS TO BE INSTALLED SURROUNDING ALL NATURAL HERITAGE FEATURES AND AS DIRECTED BY THE SITE ENGINEER. SEDIMENT CONTROL FENCE IS TO BE AS PER LSRCA STANDARD ESC-4 OR ESC-5 AS A MINIMUM. LIGHT DUTY SEDIMENT CONTROL FENCE IS NOT ACCEPTABLE.

10. CUT-OFF SWALES OR DITCHES ARE TO BE INSTALLED AS SHOWN ON THE ESC PLANS AND AS NECESSARY BASED ON CHANGING SITE CONDITIONS TO DIRECT OVERLAND FLOW TO THE APPROPRIATE SEDIMENT TRAP OR TEMPORARY SEDIMENT POND.

11. CHECK DAMS ARE TO BE INSTALLED IN ALL SWALES AND DITCHES IN ACCORDANCE WITH DRAWING LSRCA ESC-2, AS A MINIMUM.

12. TEMPORARY SEDIMENT TRAPS ARE TO BE CONSTRUCTED AT THE BEGINNING OF SITE GRADING AND IF THE SITE DRAINAGE CHANGES DURING CONSTRUCTION, IT MAY BE NECESSARY FOR TEMPORARY TRAPS TO BE CONSTRUCTED TO DIRECT SITE FLOWS TO THE TEMPORARY SEDIMENT TRAPS DURING ROUGH GRADING AND AS CONSTRUCTION PROGRESSES.

13. TEMPORARY SEDIMENT PONDS ARE TO BE CONSTRUCTED AT THE BEGINNING OF SITE GRADING AND IF THE SITE DRAINAGE CHANGES DURING CONSTRUCTION, IT MAY BE NECESSARY FOR TEMPORARY SWALES TO BE CONSTRUCTED TO DIRECT SITE FLOWS TO THE TEMPORARY SEDIMENT PONDS DURING ROUGH GRADING AND AS CONSTRUCTION PROGRESSES.

14. FILTERSCREEN SILTSCREEN OR APPROVED EQUIVALENT IS TO BE INSTALLED DOWNSTREAM FROM SEDIMENT TRAP AND TEMPORARY SEDIMENT POND OUTLETS TO A MINIMUM HEIGHT OF 300mm.

15. IF STOCKPILES ARE USED ON SITE FOR THE STORAGE OF EXCESS MATERIAL, THEY ARE TO BE IN ACCORDANCE WITH DETAIL DRAWING LSRCA ESC-6 OR BETTER.

16. ANY DOWATERING OCCURRING ONSITE MUST BE IN ACCORDANCE WITH AN APPROVED DOWATERING PLAN. ADDITIONAL DOWATERING REQUIREMENTS MAY BE DEEMED NECESSARY AND SHALL BE IMPLEMENTED AS DIRECTED BY THE ENGINEER, CONTRACT ADMINISTRATOR OR LOCAL MUNICIPALITY.

17. THE SITE TRAILER IS TO BE LOCATED ONLY AT THE DESIGNATED LOCATION SHOWN ON THE PLANS.

18. EQUIPMENT AND HYDROCARBON STORAGE IS TO OCCUR ONLY WITHIN THE DESIGNATED AREA SHOWN ON THE PLANS.

19. REFUELING IS TO TAKE PLACE ONLY WITHIN THE DESIGNATED AREA SHOWN ON THE PLANS AND SHALL BE A MINIMUM OF THIRTY METRES FROM ANY WATERCOURSE OR ENVIRONMENTALLY SENSITIVE AREA.

20. AN APPROVED SPILLS MANAGEMENT PLAN IS TO BE KEPT ONSITE.

21. SPILL CLEANUP EQUIPMENT SUCH AS ABSORBENT MEDIA IS TO BE MAINTAINED ONSITE FOR IMMEDIATE USE IN THE EVENT OF A SPILL.

22. SPILLS ARE TO BE REPORTED IMMEDIATELY TO THE MOECC SPILLS ACTION CENTRE AT 1-800-388-6060.

23. THE CONTRACTOR WILL BE RESPONSIBLE FOR CLEAN-UP AND RESTORATION, INCLUDING ALL COSTS, DUE TO THE RELEASE OF SEDIMENT FROM THE SITE.

24. LOW IMPACT DEVELOPMENT (LID) MEASURES ARE NOT TO BE USED AS SEDIMENT CONTROL DEVICES.

25. ADDITIONAL SEDIMENT CONTROL DEVICES MAY BE DEEMED NECESSARY AND AS SITE CONDITIONS CHANGE AND SHALL BE INSTALLED AS DIRECTED BY THE SITE ENGINEER, CONTRACT ADMINISTRATOR OR LOCAL MUNICIPALITY.

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SWM GUIDELINES UPDATE

06.2016

DATE: 06.2016

SCALE: NTS

EROSION AND SEDIMENT CONTROL PLAN NOTES

LSRCA ESC-1

HEATHWOOD HEIGHTS DRIVE (BY REGISTERED PLAN 65M-2431) PIN 03627-0365(LT)

TILSTON GROVE (BY REGISTERED PLAN 65M-2431) PIN 03628-0040(LT)

CONSTRUCTION ACCESS MATS PER DETAIL ON THIS PLAN

SEDIMENT CONTROL FENCE AS PER LSRCA ESC-4 (REFER TO DETAIL ON THIS PLAN). FENCE TO BE INSTALLED COMPLETELY WITHIN PRIVATE PROPERTY.

TREE PROTECTION FENCING TO BE INSTALLED PRIOR TO ANY LAND DISTURBANCE. REFER TO PLANS BY KUNTZ FORESTRY FOR DETAILS.

CONSTRUCTION MUD MAT DETAIL N.T.S.

INLET SEDIMENT CONTROL N.T.S.

TOP 300 mm OF TEE BAR SPRAY PAINTED FLOURESCENT ORANGE

FABRIC FOLDED OVER TOP OF FENCE

NON-WOVEN GEOTEXTILE ATTACHED, FOLDED OVER, AND WIRE LOOPED TO FENCE

GALVANIZED FIELD FENCE 1047-12-14.8 OR 14H GALVANIZED WELDED WHITE FENCE (4"x4" OPENINGS) 1200 mm ATTACHED TO POSTS

STEEL "TEE" BAR FENCE POSTS 60 mm x 60 mm x 1800 mm LONG SPACED 2000 mm O.C.

STEEL "TEE" BAR POST

FENCING AS NOTED ABOVE

FASTEN FABRIC WITH WIRE TIES

FILTER FABRIC

COMPACTED NATIVE MATERIAL

300 mm (MIN)

600 mm

NOTES:

1. SEDIMENT CONTROL FENCE SHOULD BE ALIGNED WITH CONTOURS FOR SHEET OVERLAND FLOW.

2. SEDIMENT CONTROL FENCE IS TO BE LOCATED IN AREAS OF LOW SEDIMENT YIELD ON SLOPES THAT CONFORM TO MITO DRAINAGE MANUAL VOLUME 2 CHART F4-3C TOPOGRAPHIC FACTOR IS BASED ON SLOPE LENGTH AND GRADIENT.

3. SEDIMENT CONTROL FENCE SHALL BE INSTALLED WITH FILTER MEDIA FABRIC TIED INTO THE SOIL A MINIMUM OF 300 mm BY EITHER STATIC SLICING OR TRENCH METHODS WITH COMPACTION OF TRENCH MATERIAL MEETING 95% STANDARD PROCTOR DENSITY.

4. STEEL "T" BAR POSTS ARE TO BE SPACED A MAXIMUM DISTANCE OF 2000 mm ON CENTER.

5. FROZEN GROUND CONDITIONS REQUIRE FILTER FABRIC TO BE BACKFILLED IN TRENCH WITH CLEAR STONE.

6. GEOTEXTILE FABRIC TO BE COMPRISED OF NON-WOVEN U.V. STABILIZED MATERIAL FABRIC TO BE FOLDED OVER TOP OF FENCE A MINIMUM OF 300 mm AND WIRE FASTENED.

7. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION IS MINIMIZED.

8. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE SHOWN.

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SWM GUIDELINES UPDATE

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SEDIMENT CONTROL FENCE

LSRCA ESC-4

LOCATION PLAN N.T.S.

LEGEND

TEMP. CB SEDIMENT TRAP

TREE PROTECTION FENCE

TREE REMOVAL

SILT FENCE

MUD MAT

DEVNEX

Real estate development manager

SURVEY INFO.

MANDARIN SURVEYORS
2400 MIDLAND AVE.
UNIT 121
SCARBOROUGH, ON
M1S 5C1
PHONE: (416) 990-3001

BENCHMARK

ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE RELATED TO TOWN OF AURORA BENCHMARK NO. 4755 HAVING A PUBLISHED ELEVATION OF 264.209 METERS.

SITE PLAN INFO.

ARCICA INC.
326 SHEPPARD AVE. E.
SUITE 200
TORONTO, ON
M2N 5B4
PHONE: (416) 821-3960

LIST OF DRAWINGS

001 - NOTES AND DETAILS
002 - DETAILS AND SECTIONS
101 - SERVING PLAN
401 - GRADING PLAN
601 - ESC PLAN

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ISSUED FOR REZONING

04/30/25

LPM

NO.

ISSUE

MM/DD/YY

BY

SITEPLANT INC.
50 ST CLEMENTS AVENUE
TORONTO, ON M4R 1G9
PHONE: (416) 270-7515

APR 30, 2025

APPROVED BY OFFICIAL ENGINEER

1000679027 ONTARIO INC.
161 HEATHWOOD HEIGHTS DRIVE
AURORA, ON

PRELIMINARY EROSION & SEDIMENTATION CONTROL PLAN

PROJECT NO.: 25-002

DRAWING: 601

Apr 24, 2025-11:57am By: p.mccord
P:25-002 - 161 Heathwood Heights Dr. - Aurora (Reports and Drawings) (Drawings) (Production Drawings) (25-002 - BSE.dwg (601))