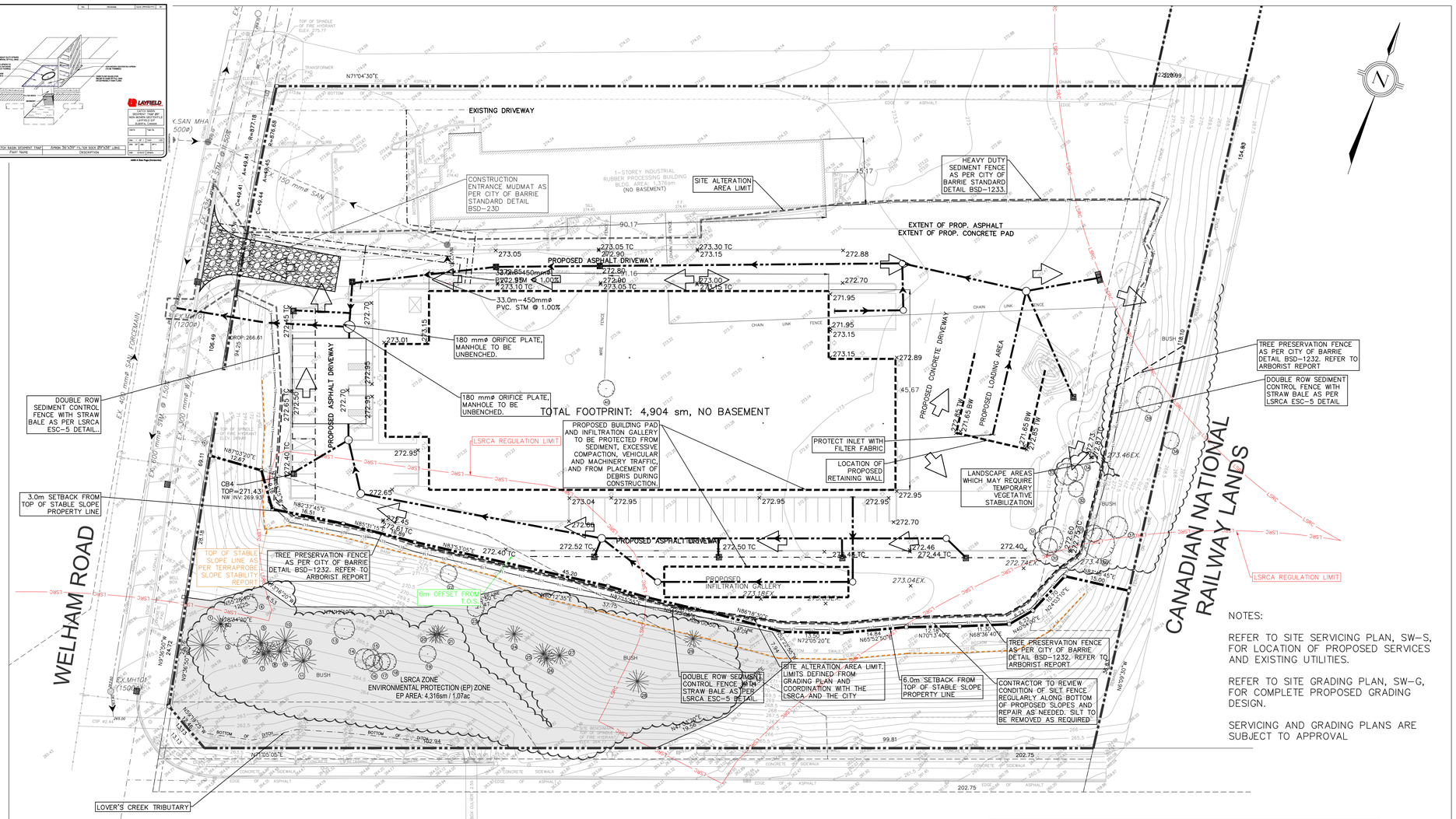


EROSION AND SEDIMENT CONTROL NOTES

1. ALL SEDIMENT CONTROL WORKS MUST BE INSTALLED PRIOR TO COMMENCING CONSTRUCTION.
2. TREE PRESERVATION FENCE IS TO BE INSTALLED AS PER ARBORIST REPORT AND CITY OF BARRIE STANDARD BSD-1232 AND MAINTAINED THROUGHOUT CONSTRUCTION.
3. ACCUMULATED SEDIMENT/DEBRIS IN THE SEDIMENT TRAPS SHALL BE MONITORED DAILY AND REMOVED AS NECESSARY TO THE SATISFACTION OF THE ENGINEER. CONTRACTOR TO INSPECT OUTLET DAILY & REPAIR AS NECESSARY TO THE SATISFACTION OF THE ENGINEER.
4. ALL EROSION AND SEDIMENTATION CONTROLS TO BE REMOVED UPON COMPLETION OF THE WORKS AS DIRECTED BY THE ENGINEER.
5. THE CONTRACTOR SHALL PREVENT MUD TRACKING ONTO EXISTING ROADS, AND SHALL PROVIDE CLEANUP AT THEIR GENDER NEUTRAL OWN EXPENSE, CONTROLLING MEASURES AS DIRECTED BY THE ENGINEER, CITY AND/OR COUNTY.
6. ANY EXTERNAL AREAS DISTURBED DUE TO CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE ENGINEER AND THE CITY BARRIE.
7. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING SEDIMENT & EROSION CONTROLS FOR DURATION OF THE WORK TO THE SATISFACTION OF THE ENGINEER AND THE CITY OF BARRIE.
8. ADDITIONAL ON SITE GRANULAR EROSION DEVICES AND SILT FENCE MAY BE NECESSARY AS REQUIRED BY ENGINEER AND/OR THE CITY OF BARRIE.
9. REFER SW-ESC-1 FOR ADDITIONAL EROSION AND SEDIMENT CONTROL DETAILS.
10. ALL EROSION AND SEDIMENT CONTROLS ARE TO BE INSPECTED BEFORE & AFTER EACH RAINFALL & BI-WEEKLY AND REPORTS TO BE SUBMITTED TO THE CITY OF BARRIE PERSONNEL.
11. EROSION SEDIMENT CONTROL STRATEGIES ARE NOT STATIC AND MAY NEED TO BE UPDATED AS SITE CONDITIONS CHANGE TO PREVENT SEDIMENT RELEASE INTO THE NATURAL ENVIRONMENT.
12. ALL SEDIMENT CONTROL FENCING IS TO BE ERECTED PRIOR TO THE COMMENCEMENT OF ANY SITE GRADING OPERATIONS, AS PER CITY OF BARRIE STANDARD BSD-1233.
13. LAYFIELD SEDIMENT TRAPS AS PER DETAIL ON DRAWING THIS DRAWING ARE TO BE INSTALLED ON ALL PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES IMMEDIATELY AFTER INSTALLATION. SEDIMENT TRAPS TO BE MAINTAINED ON A REGULAR BASIS OR TO THE SATISFACTION OF THE CITY OF BARRIE AND ENGINEER OF RECORD.
14. ALL REPAIRS REQUIRED ON ESC MEASURES ARE TO BE COMPLETED WITHIN 24hrs OF NOTED DEFICIENCY.
15. IF SITE CONSTRUCTION ACTIVITIES ARE INTERRUPTED AND/OR INACTIVITY EXCEEDS 30 DAYS, ALL STRIPPED AND/OR BARE SOIL AREAS TO BE STABILIZED BY SODDING/SEEDING/MULCHING OR OTHER APPROVED METHOD, TO THE SATISFACTION OF THE CITY OF BARRIE.
16. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE REGULARLY INSPECTED AND MAINTAINED, AS REQUIRED, TO THE SATISFACTION OF THE CITY OF BARRIE.
17. DURING ALL CONSTRUCTION PHASES, MUD TRACKING CONTROL, CONSISTING OF FLUSHING AND SWEEPING ROADS, IS TO BE PROVIDED FOR ALL ROADS, AS WARRANTED.
18. WHEN SEDIMENT ACCUMULATES TO ONE THIRD THE HEIGHT OF THE SEDIMENT TRAP IT SHOULD BE REMOVED.
19. ALL WASTE AND UNUSED BUILDING MATERIAL (INCLUDING GARBAGE, CLEANING WASTES, WASTEWATER OR ANY HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO MIX WITH THE SOIL OR CARRIED OF BY RUNOFF FROM THE SITE INTO A RECEIVING WATER COURSE OR STORM SEWER.
20. REHABILITATION OF THE LANDSCAPE AREAS AFFECTED BY CONSTRUCTION WILL INCLUDE THE REPLACEMENT OF TOPSOIL WITH A MINIMUM DEPTH OF TEN (10) CM AND STABILIZATION BY SODDING OR HYDRO-SEEDING AND MULCHING.
21. THE DIRECTOR OF ENGINEERING SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY SITE ALTERATION ACTIVITY.
22. RESIDENTS WITHIN 500 METRES RADIUS OF THE SITE SHALL BE NOTIFIED THREE WEEKS BEFORE THE COMMENCEMENT OF SITE ALTERATION.
23. THE DIRECTOR OF ENGINEERING SHALL BE NOTIFIED WITHIN 48 HOURS OF COMPLETION OF ANY EROSION AND SEDIMENT CONTROL MEASURES.
24. THE DIRECTOR OF ENGINEERING SHALL BE NOTIFIED OF REMOVAL OF ANY EROSION AND SEDIMENT CONTROL MEASURES WITHIN 48 HOURS OF DECOMMISSIONING.

CONSTRUCTION NOTES

EROSION AND SEDIMENT CONTROL PLAN IS TO MINIMIZE EROSION AND PROMOTE COLLECTION OF ANY SEDIMENT ON SITE. THE CONTRACTOR IS RESPONSIBLE FOR DRAINAGE OF THE SITE TO ALLOW CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL CONSTRUCT DRAINAGE SWALES REQUIRED BASED ON SITE CONDITIONS.

CONSTRUCTION SEQUENCE:

- INITIAL SEDIMENT CONTROL INSTALLATION INCLUDING SWALES, SILT FENCE, SEDIMENT TRAPS, STORM DRAINAGE PIPES FOR DRAINAGE OF SEDIMENT POND AND MUD MAT.
- SITE ROUGH GRADING OPERATIONS – REWORK SWALES, SILT FENCE AND MUD MAT AS NECESSARY.
- UNDERGROUND SERVICING OPERATIONS AND INSTALLATION OF LAYFIELD SEDIMENT TRAPS ON ALL PROPOSED CATCH BASINS IMMEDIATELY AFTER CONSTRUCTION
- BUILDING CONSTRUCTION
- FINAL GRADING OPERATIONS
- SURFACE STABILIZED THROUGH PAVING, CONCRETE AND LANDSCAPE.
- ESC MEASURES TO BE REMOVED ONCE SITE HAS BEEN STABILIZED.

EMERGENCY RESPONSE PLAN

DURING A RAIN EVENT THAT WILL CAUSE THE INSTALLED EROSION AND SEDIMENT CONTROL DEVICES TO FAIL RESULTING IN SEDIMENT LADEN SHEET FLOW OFF SITE THE CONTRACTOR SHALL:

- CEASE CONSTRUCTION ACTIVITIES.
- NOTIFY THE PROJECT ENGINEER, OWNER, AND ANY APPLICABLE AUTHORITY INCLUDING THE CITY OF BARRIE. CONTACT INFO AS FOLLOWS: MARLENE BARRET, ENVIRONMENTAL 360 SOLUTIONS LTD.: (905) 492-2813; COUNTERPOINT ENGINEERING: (905)-326-1404; : CITY OF BARRIE ENGINEERING DEPARTMENT: (705)-739-4207.
- SITE TO BE GRADED TO ENSURE POSITIVE DRAINAGE TO THE TEMPORARY SEDIMENT BASIN
- ADDITIONAL SILT FENCE, STAKES, FILTER FABRIC AND $\frac{3}{4}$" CLEAR STONE IS TO READILY AVAILABLE FOR REPAIRS ON ESC DEVICES AS REQUIRED.
- SKIMMERS WITH PROPER FILTRATION ARE TO BE READILY AVAILABLE FOR IMPLEMENTATION IN THE SEDIMENT BASIN IF REQUIRED.
- TRAINED CONSTRUCTION PERSONNEL TO BE PRESENT ON SITE.

SPILLS MANAGEMENT PLAN

- ALL HAZARDOUS SUBSTANCES WILL BE STORED IN A SECURE LOCATION, WITH LIDS ON AND PREFERABLY UNDER COVER WHEN NOT IN USE.
- THE MINIMUM PRACTICAL QUANTITY OF ALL SUCH MATERIALS WILL BE KEPT ON SITE.
- A SPILL CONTROL AND CONTAINMENT KIT WILL BE PROVIDED ON SITE AT ALL TIMES.
- MANUFACTURER'S RECOMMEND METHOD FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE.
- IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE ALL HAZARDOUS WASTE DISCOVERED OR GENERATED AT THE PROJECT SITE IS DISPOSED OF PROPERLY BY A LICENSED HAZARDOUS

IN THE EVENT OF A EMERGENCY SPILL THE CONTRACTOR SHALL:

- CONTAIN THE SPILL IMMEDIATELY, ENSURING NO HAZARDOUS SUBSTANCES COME IN CONTACT WITH STORMWATER DISCHARGE OR LEAVE THE SUBJECT SITE
- NOTIFY THE PROJECT ENGINEER, OWNER, AND ANY APPLICABLE AUTHORITY INCLUDING THE CITY OF BARRIE. CONTACT INFO AS FOLLOWS: MARLENE BARRET, ENVIRONMENTAL 360 SOLUTIONS LTD.: (905) 492-2813; COUNTERPOINT ENGINEERING: (905)-326-1404; CITY OF BARRIE: (705)-739-4242
- NOTIFY THE MECP SPILLS ACTION CENTRE AT 1-800-268-6060.

LEGAL & TOPOGRAPHY

PROVIDED BY: RUDY MAK SURVEYING LTD.
89 BIG BAY POINT RD. BARRIE, ON
705-722-3845

BENCHMARK NOTE:

SITE BENCHMARK IS THE TOP OF SPINDLE OF THE THE FIRE HYDRANT AT THE NORTH SIDE OF MAPLEVIEW DRIVE HAVING AN ELEVATION OF 264.77.

DISTANCES

DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.999XXX.

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 SILTSOXX 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/ha.
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 TRAP(S) 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 TRAP(S) DURING ROUGH GRADING AND AS CONSTRUCTION PROGRESSES.
13. TEMPORARY SEDIMENT POND(S) 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 POND(S) DURING ROUGH GRADING AND AS CONSTRUCTION PROGRESSES.
14. FILTREXX SILTSOXX OR APPROVED EQUIVALENT 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 DEWATERING OCCURRING ONSITE MUST BE IN ACCORDANCE WITH AN APPROVED DEWATERING PLAN. ADDITIONAL DEWATERING 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 SEDIMENT TRAP(S) AND 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 TRAP(S) DURING ROUGH GRADING AND AS CONSTRUCTION PROGRESSES.
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 ABSORPTIVE MEDIA S 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 1-800-268-6060.
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.

NO.	REVISION	DATE
1	SWM GUIDELINES UPDATE	06.2016

EROSION AND SEDIMENT CONTROL PLAN NOTES

DATE: 06.2016
SCALE: NTS
LSRCA ESC-1

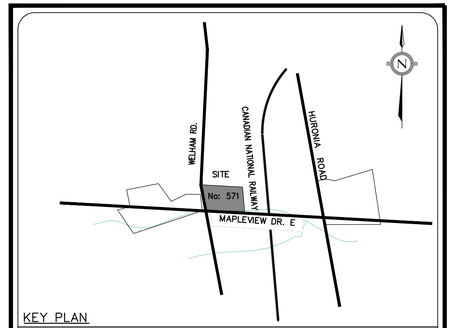
CONTROL MONUMENTS

COMBINED 00119713848: THE HORIZONTAL MONUMENT IS LOCATED ON THE WEST SIDE OF HURONIA ROAD JUST SOUTH OF ELLIS DRIVE, APPROX. 350m SOUTH OF BIG BAY POINT ROAD. NOTE: A PROTECTIVE WATER VALVE COVER HAS BEEN PLACED OVER MONUMENT CAP. (ELEVATION=261.68, NORTHING 4911611.018 METRES, EASTING 606450.422 METRES).

HORIZONTAL 03120040012: THE HORIZONTAL MONUMENT IS LOCATED ON THE NORTH SIDE OF SAUNDERS ROAD AT TOP OF BANK AND SOUTH SIDE OF DITCH, OPPOSITE THE DRIVEWAY TO #231 SAUNDERS ROAD AND APPROXIMATELY 0.5 KM EAST OF BAYVIEW DRIVE. NOTE: A PROTECTIVE WATER VALVE COVER HAS BEEN PLACED OVER MONUMENT CAP. (NORTHING 4909810.870 METRES, EASTING 605984.432 METRES)

VERTICAL 03120030030: BARRIE MOLSON CENTRE – 555 BAYVIEW DR. THE VERTICAL CONTROL MONUMENT IS SET FLUSH IN THE CONCRETE FOUNDATION TO BUILDING VENTILATION SHAFT AT THE SOUTH-EAST CORNER OF THE BARRIE MOLSON CENTRE. THE TABLET IS 230 mm BELOW THE TOP OF THE FOUNDATION SHAFT WALL AND 110 mm WEST OF THE EAST SIDE OF THE SOUTH-EAST CORNER OF THE VENTILATION SHAFT WALL. (ELEVATION=287.04, NORTHING 4910231 METRES, EASTING 605468 METRES).

NOTE: THE HORIZONTAL COORDINATE SYSTEM IS NAD-1983 ORIGINAL AND VERTICAL SYSTEM IS CGVD28: 78.



KEY PLAN

SITE STATISTICS:

- SITE ADDRESS: 571 WELHAM ROAD, BARRIE, ONTARIO
- NEAREST MAJOR INTERSECTION:MAPLEVIEW DR E. AND HURONIA RD.
- SITE TOTAL AREA: 2.46 HECTARES
- TOTAL SITE ALTERATION AREA:1.63 HECTARES
- EXISTING LAND USE: RUBBER PROCESSING
- FUTURE LAND USE: CRUMB RUBBER MANUFACTURING
- EXISTING BUILDING AREA: 1,376 SQUARED METERS.
- PROPOSED BUILDING AREA: 4,904 SQUARED METERS.
- PREDOMINANT SOIL TYPE: A TOP LAYER OF TOPSOIL/PAVEMENT/GRANULAR MATERIAL. UNDERLAIN WITH AN EARTH FILL MATERIAL IN MOST BOREHOLES WHICH CONSISTS OF A MIXED COMPOSITION OF SAND, SILTY SAND, GRAVEL AND SAND, AND CLAYEY SILTY SAND WITH TRACE AMOUNTS OF CLAY AND ORGANICS. THIS FILL LAYER IS IN TURN UNDERLAIN BY AN UNDISTURBED NATIVE SOIL DEPOSIT WHICH GENERALLY CONSISTS OF COHESIONLESS SANDS AND SILTS. REFER TO GEOTECHNICAL INVESTIGATION BY TERRAPROBE INC. FOR LOCATION OF SOIL TYPES AND LOCATION OF BOREHOLES.

LEGEND

- EXISTING CATCH BASIN
- EXISTING MANHOLE
- PROPOSED CATCHBASIN AND CATCHBASIN MANHOLE
- STORM MANHOLE
- LAYFIELD SEDIMENT CONTROL FOR CATCHBASINS
- PROPOSED STORM SEWER AND MANHOLE
- POST-DEVELOPMENT DRAINAGE PATH
- SILT FENCE AS PER CITY OF BARRIE STANDARD DETAIL BSD-1233
- DOUBLE ROW SEDIMENT CONTROL FENCE AS PER LSRCA ESC-5
- 268.00 EXISTING CONTOUR
- LIMIT OF BUILDING PAD AND INFILTRATION GALLERY
- LSRC LSRCA REGULATION LIMIT
- TOP OF STABLE SLOPE
- 6.0 m OFFSET LINE FROM TOP OF STABLE SLOPE
- TREE PRESERVATION FENCE
- PROPERTY LINE
- EROSION PROTECTION (EP) ZONE
- TREE LABEL IN ARBORIST REPORT

NOTES:

REFER TO SITE SERVICING PLAN, SW-S, FOR LOCATION OF PROPOSED SERVICES AND EXISTING UTILITIES.

REFER TO SITE GRADING PLAN, SW-G, FOR COMPLETE PROPOSED GRADING DESIGN.

SERVICING AND GRADING PLANS ARE SUBJECT TO APPROVAL

I have reviewed the plans for the construction of proposed crumb rubber manufacturing facility located at 571 Welham Road, in the City of Barrie, Ontario, and have prepared this plan to indicate the compatibility of the proposal to the existing adjacent properties and municipal services. It is my belief that the adherence to the proposed grades as shown will produce adequate surface drainage and proper facility of municipal services without any detrimental effect to the existing drainage patterns or adjacent properties.

Jake Howkins, P.Eng.

No.	REVISIONS/ISSUED	DATE	BY	CITY
6.	ISSUED FOR SPA #3	JAN. 28/20	GR	
5.	ISSUED TO LSRCA FOR ROUGH EARTHWORKS PERMIT	JAN. 21/21	GR	
4.	ISSUED FOR SPA #2	NOV. 19/20	GR	
3.	RE-ISSUED FOR SITE ALTERATION PERMIT	OCT. 30/20	GR	
2.	ISSUED SITE ALTERATION PERMIT	OCT. 9/20	GR	
1.	ISSUED FOR SPA	JUNE 25/20	BJ	

counterpoint ENGINEERING
COUNTERPOINT ENGINEERING INC.
8395 Jane St., Suite 100, Vaughan, ON L4K 5Y2 Phone 905.326.1404 Fax 905.326.1405

LICENSED PROFESSIONAL ENGINEER G.ROUBY 90202940 Jun. 17, 2021 PROVINCE OF ONTARIO
ENGINEER'S STAMP

APPLICANT:
JNC ARCHITECT INC.
10 BUR OAK AVENUE, UNIT 3
MARKHAM, ON
L6C 0A2

SITE LOCATION:
PROPOSED INDUSTRIAL DEVELOPMENT
CRUMB MANUFACTURING FACILITY
571 WELHAM ROAD
BARRIE, ON
SITE PLAN FILE No.:

EROSION AND SEDIMENT CONTROL PLAN (POST-SERVICING)

DESIGNED BY: GR	CHECKED BY: JY	DATE: JANUARY 2020
DRAWING BY: BJ	CHECKED BY: JY	PROJECT NO. 20005
SWM BY: GR	CHECKED BY: JY	
SCALE: 1:500m (0m 5m 10m 20m 30m)		DRAWING NO. SW-ESC-2