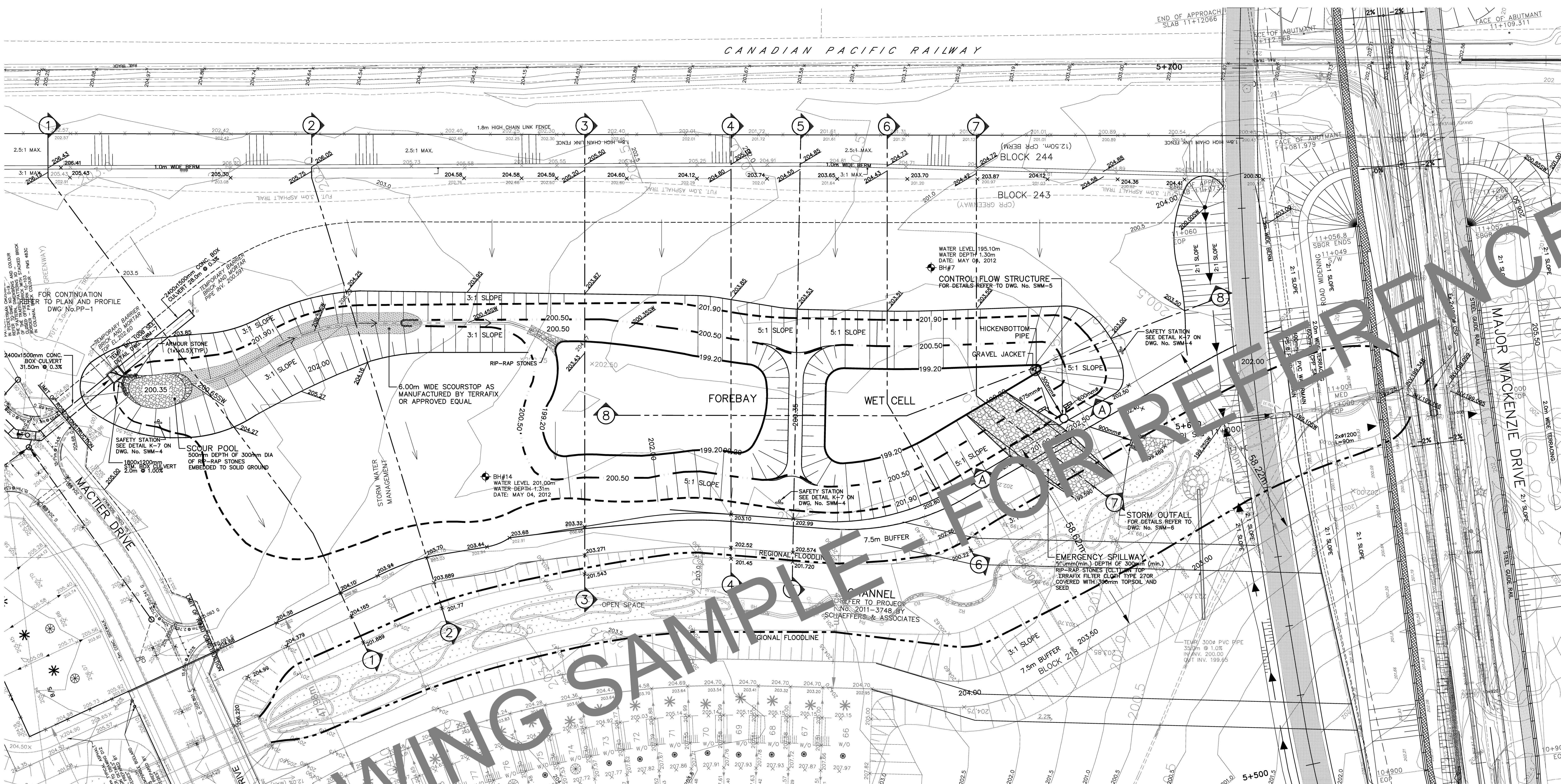
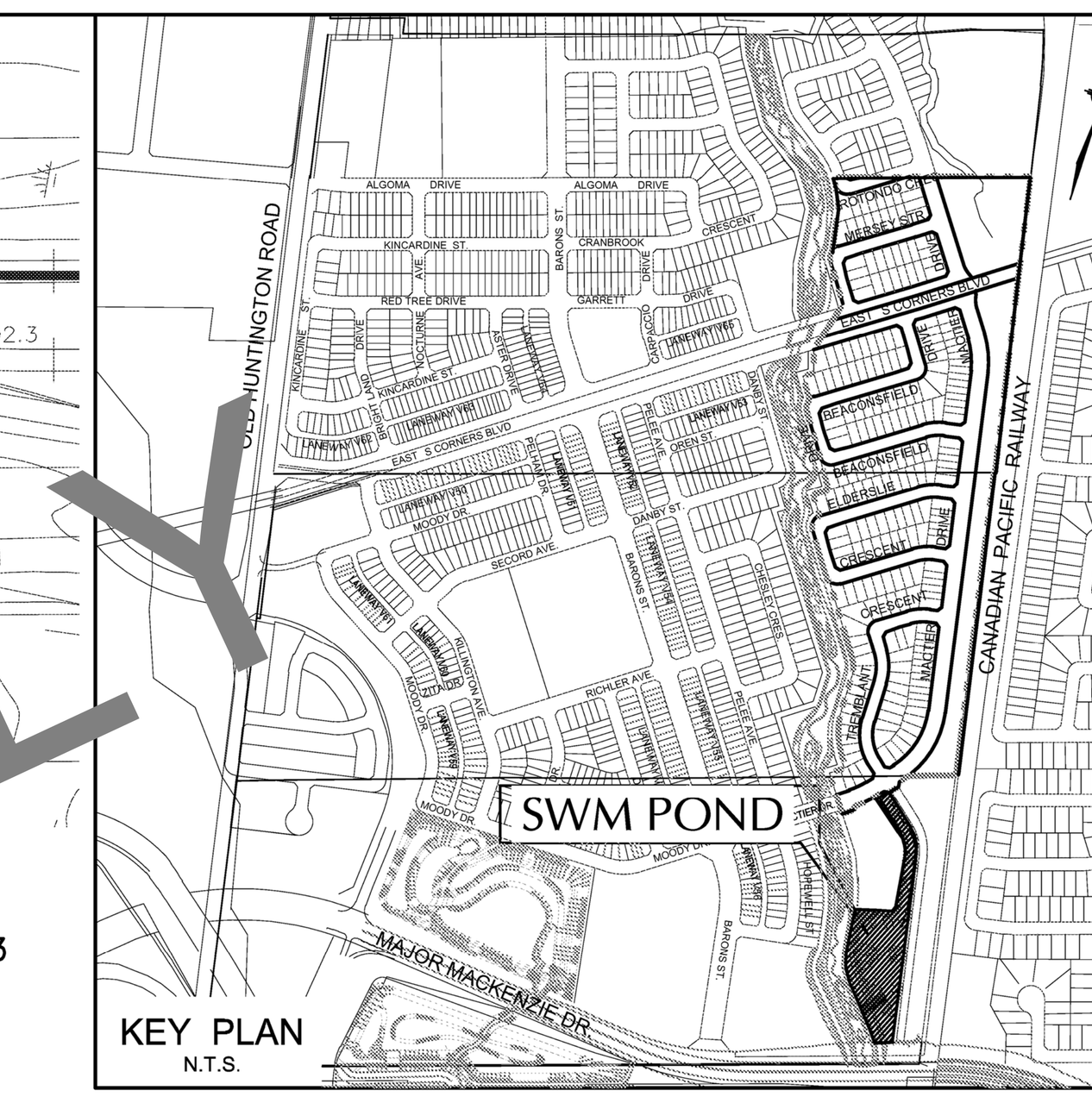


NOTE:

DRAWINGS ON MAJOR MACKENZIE DRIVE TAKEN FROM AECOM DWG. No.T-12-010873 SHEET No. 10 AND 48.
(AS PER EMAIL RECEIVED 14-08-2014)

LEGEND

210.07 / (211.05)	DENOTES PROPOSED ELEVATION / DENOTES EXISTING ELEVATION
211.0	DENOTES EXISTING CONTOUR ELEVATION
[208.00]	DENOTES FUTURE CENTRELINE ELEVATION
208.00	DENOTES PROPOSED ELEVATION
200.55SW	DENOTES SWALE
— - —	DENOTES REGIONAL WATER LEVEL
— — —	DENOTES 100 YR. WATER LEVEL
— · —	DENOTES PERMANENT POOL LEVEL
——	DENOTES PROPOSED POND CONTOUR LINE
	DENOTES RIP-RAP STONE
	DENOTES SCOURSTOP
	DENOTES TEMPORARY DIVERSION ROAD TAKEN FROM AECOM DRAWINGS



LICENSED PROFESSIONAL ENGINEER K. R. DEMMINGS DEC. 2017 PROVINCE OF ONTARIO

NOTES:

1. THE LOCATION OF ALL UNDERGROUND AND ABOVE GROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON CONTRACT DRAWINGS, AND WHERE SHOWN THE ACCURACY OF THE LOCATION AND ELEVATION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. PRIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY EXACT LOCATION AND ELEVATION OF SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITIES OF DAMAGE.
2. ALL AREAS DISTURBED DURING CONSTRUCTION OF SEWERS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER, TO THE SATISFACTION OF THE CITY OF VAUGHAN AND REGION OF YORK ENGINEERING DEPARTMENT. GRASSED AREAS TO BE TOPPED WITH 100mm TOPSOIL AND SODDED AS PER OPSS 818.01. ALL EXISTING SERVICES TO BE ADJUSTED TO SUIT NEW GRADES.
3. CUT AREAS OF POND AND FOREBAY TO BE INSPECTED BY THE GEOTECHNICAL INSPECTOR FOR ADVICE ABOUT THE TYPE OF EROSION PROTECTION NEEDED.
4. ALL TOPSOIL AND ORGANIC MATERIALS FROM POND AREAS TO BE STRIPPED BEFORE PLACING ANY FILL.
5. ALL EXISTING STRUCTURES, DRIVEWAYS, CULVERTS, BRIDGES TO BE REMOVED AND DISPOSED OFF SITE.
6. POND SHALL BE STABILIZED IMMEDIATELY IN TERRASEEDING WITH FOLLOW UP SEEDING AS REQUIRED.
7. IF SAND WAS ENCOUNTERED DURING CONSTRUCTION OF POND, THE UPPER LAYER OF THE SIDE SLOPE AND THE BOTTOM OF THE POND SHALL BE REPLACED WITH A LAYER OF SILTY CLAY TILL MATERIAL, THICKNESS TO BE DETERMINED BY SOIL CONSULTANT COMPACTED TO 95% OR + STANDARD PROCTOR DRY DENSITY. AN INTERCEPT SUBDRAIN SYSTEM (SEE DETAIL) SHOULD ALSO BE CONSTRUCTED TO STABILIZE THE SIDE.
8. ASPHALT APRON BETWEEN STREET CURB AND SIDEWALK SHALL BE HEAVY DUTY ASPHALT.
   - -50mm COMPACTED DEPTH HL-3 ASPHALT TOP COURSE
   - -75mm COMPACTED DEPTH HL-8 ASPHALT BASE COURSE
   - -150mm COMPACTED DEPTH OF 20mm DIAMETER CRUSHER RUN LIMESTONE
   - -300mm COMPACTED DEPTH OF 50mm DIAMETER CRUSHER RUN LIMESTONE

DESCRIPTION	PROVIDED STORAGE	REQUIRED STORAGE
PERMANENT POOL EL.199.20–200.50	3,510m³	2,964m³
QUALITY/EROSION EL.200.50–201.15	2,918m³	2,798m³
2 YR. W.L. EL.200.50–201.30	3,729m³	3,140m³
5 YR. W.L. EL.200.50–201.45	4,600m³	4,012m³
10 YR. W.L. EL.200.50–201.60	5,865m³	4,710m³
25 YR. W.L. EL.200.50–201.75	6,568m³	5,594m³
50 YR. W.L. EL.200.50–201.85	7,331m³	6,342m³
100 YR. W.L. EL.200.50–202.00	8,180m³	7,125m³

APPLICATION METHOD: TERRASEEDING BY APPROVED CONTRACTOR

SEED MIX TYPE "A" TO BE USED IN AND VALLEY AREAS ON SLOPES & UPLAND

CUSTOM MEADOW MIX
BY ONTARIO SEED COMPANY (519) 886-0557
OR APPROVED EQUAL

- 25% BIG BLUE STEM (ANDROPOGON GERARDII)
- 25% LITTLE BLUE STEM (SCHIZACHYRUM SCOPARIUS)
- 15% FOX SEDGE (CAREX VULPINOIDEA)
- 25% CANADIAN WILD RYE (ELYMUS CANADENSIS)
- 10% POVERTY OAT GRASS (DANTHONIA SPICATA)

100% SEED RATE: 200Kg/Ha

SEED MIX TYPE "B" TO BE USED IN VALLEY AREAS IN THE FLOOD PLAIN

CUSTOM WET MEADOW MIX
BY ONTARIO SEED COMPANY OR APPROVED EQUAL

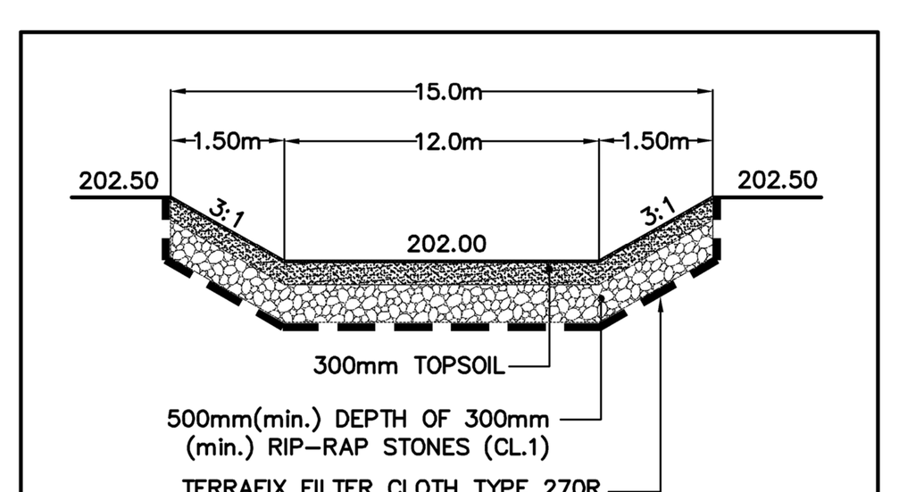
- 10% JOE PYE WEED (EUPATORIUM MACULATUM)
- 15% CANADA BLUEJOINT (CALAMAGROSTIS CANADENSIS)
- 25% FOX SEDGE (CAREX VULPINOIDEA)
- 15% SOFT RUSH (JUNCUS EFFUSUS)
- 10% JOINTED RUSH (JUNCUS ARTICULATUS)
- 15% PORCUPINE SEDGE (CAREX HYSTERICINA)
- 10% BLUE VERVAIN (VERBENA HASTATA)

100% SEED AT 200kg/Ha.

WILDFLOWER MIX SUPPLEMENT BY ONTARIO SEED COMPANY OR APPROVED EQUAL.
SEED RATE: 2.0-5.0 kg/ha (WITH COVER CROP)

PERENNIALS
CANADA ANEMONE (ANEMONE CANADENSIS)
WILD COLUMBINE (AQUILEGIA CANADENSIS)
COMMON MILKWEED (ASCLEPIAS SYRIACA)
NEW ENGLAND ASTER (ASTER NOVAE - ANGLIAE)
SHOWY TICK-TREFOIL (DESMODIUM CANADENSE)
WILD BERGAMOT (MONARDA FISTULOSA)
WHITE BEARD-TONGUE (PENSTEMON DIGITALIS)
BLACK-EYED SUSAN (RUDBECKIA HIRTA)

COVER CROP SEED MIX
ANNUAL RYE SEED MIXTURE
SEED RATE: 22Kg/Ha



EMERGENCY SPILLWAY
SECTION 'A'–'A'
N.T.S.

SPECIFICATION FOR CLASS I RIP-RAP STONE:

100% SMALLER THAN 450mm OR 130kg
at least 20% LARGER THAN 350mm OR 70kg
at least 50% LARGER THAN 300mm OR 40kg
at least 80% LARGER THAN 200mm OR 10kg

REFER TO:

DWG. No. SWM-2	FOR SECTIONS 1-1 TO 4-4
DWG. No. SWM-3	FOR SECTIONS 5-5 TO 7-7
DWG. No. SWM-4	FOR SECTION 8-8 AND STANDARD DETAILS
DWG. No. SWM-5	FOR CONTROL FLOW STRUCTURE DETAIL
DWG. No. SWM-6	FOR STORM OUTFALL DETAILS ø 900mm CONCRETE PIPE
DWG. No. SWM-7	FOR STORM MH-100B DETAILS 3000mm x 3800mm PRECAST MH

AS CONSTRUCTED OCT0BER 2019

REVISIONS

No.	DESCRIPTION	By	Date
1.	UPDATED TEMPORARY SWM POND 1 GRADING DESIGN IN ACCORDANCE WITH PRELIMINARY GRADING DESIGN OF FUTURE AREA SOUTH OF MACTIER DRIVE.	R.M.	04–20–15
2.	RECORD UPDATED AS PER AS BUILT INFO	A.R.	DEC. 2017
3.	AS CONSTRUCTED	R.D.	DEC. 2017
4.	AS CONSTRUCTED	R.M.	01/14/2020

BENCH MARK No. 60–2
THREE HYDRO TOWERS ON NORTH SIDE OF RUTHERFORD ROAD, 0.4 KM EAST OF HUNTINGTON ROAD. TOP SOUTH–WEST CONCRETE BASE ON LEG #E5 10V TOWER. 0.20m SOUTHEAST AND 0.35m OF STEEL FOOT PLATE. ELEVATION OF 195.009 METRES.

BENCH MARK No. 64–3
0.6m NORTH OF WEST LEG OF LANGSTAFF ROAD, WEST SIDE OF HUNTINGTON ROAD. TRAINING AND REHABILITATION CENTRE, L.I.U.N.A. LOCAL 183. SOUTH–EAST CORNER AND 0.100m ABOVE WALK ON SOUTH FACE. ELEVATION OF 197.218 METRES.

BENCH MARK No. 66–2
HYDRO TOWERS 0.5KM WEST OF HUNTINGTON ROAD ON NORTH SIDE OF MAJOR MACKENZIE DRIVE. MOST EASTERN HYDRO TOWER IS APPROXIMATE 180m NORTH OF MAJOR MACKENZIE DRIVE SOUTH–EAST CORNER OF CONCRETE BASE OF LEG #26 V71R. ELEVATION OF 204.731 METRES.

LICENSED PROFESSIONAL ENGINEER M. NINKOVIC OCT. 2015 PROVINCE OF ONTARIO

APPROVED AS TO FORM IN RELIANCE, UPON THE PROFESSIONAL SKILL AND ABILITY OF SCHAEFFERS CONSULTING ENGINEERS AS TO DESIGN AND SPECIFICATION.
FOR PHASE 2 ONLY

ANDREW D. PEARCE, C.E.T. — MARCH 4, 2016
DIRECTOR OF DEVELOPMENT/ TRANSPORTATION ENGINEERING — DATE

NASHVILLE DEVELOPMENTS INC.
NASHVILLE HEIGHTS RESIDENTIAL SUBDIVISION
PHASE 2

SCHAEFFERS
CONSULTING ENGINEERS
6 Ronrose Drive, Concord,
Ontario L4K 4R3
Tel: (905) 738-6100
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E-mail: design@schaeffers.com
SCHAEFFER & ASSOCIATES LTD.

PROJECT No. 2012-3921 DRAWING No. SWM-1

SCALE 0 5 10 15 20 25 30 35 40 45 50m

VAUGHAN

PHASE 1 SWM POND (TEMPORARY)

D19 10.008V 65M–4489 19T–10V004

DESIGNED BY: A.O.	DATE: NOVEMBER 2014	CHECKED BY: M.N.
DRAWN BY: R.M.M.		APPROVED BY: P.S.
SCALE: 1:500		DWG. No.

H:\As Constructed\3921-AC\3921AC SWM\3921AC SWM-1.dwg, 2020-01-15 3:33:36 PM, RMallare