ROAD A PROFILE

H 1:500
V 1:50

HIGH POINT STA = 0+012.597
HIGH POINT ELE = 162.361
PVI STA = 0+040.309
PVI ELE = 161.807
K = 92.088
A.D. 0.60%
L=55.425

BVCS 0+012.597
BVCE 162.361

EVCS 0+067.622
EVCE 161.559

ORIGINAL GROUND AT 10m RHS
FINISHED CENTERLINE GRADE
ORIGINAL GROUND AT CENTERLINE
ORIGINAL GROUND AT 10m LHS
2.00%
525ø CONCRETE CULVERT
START LHS AND RHS DITCH @ STA 0+008.000
RHS DITCH INVERT
LHS DITCH INVERT

FINISHED CENTERLINE GRADE
ORIGINAL GROUND AT 10m LHS
ORIGINAL GROUND AT CENTERLINE
ORIGINAL GROUND AT 10m RHS
-2.60%
LHS DITCH INVERT
RHS DITCH INVERT

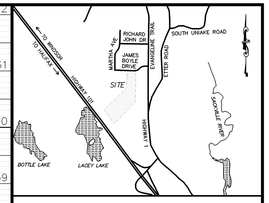
LOW POINT STA = 0+343.647
LOW POINT ELEV = 154.629
PVI STA = 0+318.647
PVI ELE = 154.565
K = 108.700
A.D. = 0.46%
L=50.000

BVCS 0+293.647
BVCE 155.515

EVCS 0+343.647
EVCE 154.629

525ø CONCRETE CULVERT
END LHS DITCH @ STA. 0+310.992

0+000	0+050	0+100	0+150	0+200	0+250	0+300
162.60 / 162.613	161.43 / 162.105	161.26 / 161.537	160.86 / 160.904	159.72 / 160.254	157.76 / 159.603	156.66 / 158.953
157.28 / 158.302	156.91 / 157.652	155.81 / 157.000	154.56 / 156.351	154.02 / 155.701	153.53 / 155.052	153.26 / 154.445



Key Plan NOT TO SCALE

PLAN LEGEND

- POWER POLE
- POWER POLE WITH LIGHT FIXTURE
- ANCHOR ON LIGHT POLE
- CHECK DAM
- DITCH RIP-RAP LINING
- ASPHALT
- GUARD RAIL
- PROPERTY LINE
- EXISTING PROPERTY LINE
- DESIGN GRADE TICK
- TOP OF SLOPE
- TOE OF SLOPE
- SILT FENCE
- LIMIT OF DISTURBANCE
- MINOR CONTOUR LABEL
- MAJOR CONTOUR LABEL
- WETLAND

PROFILE LEGEND

- PROPOSED ℄ FINISHED GRADE
- PROPOSED DITCH GRADE (RT. SIDE)
- PROPOSED DITCH GRADE (LEFT SIDE)
- EXISTING CENTERLINE GRADE
- EXISTING GRADE (RT. SIDE R.O.W.)
- EXISTING GRADE (LEFT SIDE R.O.W.)

NOTES:

1. Existing contours shown at 1.0m interval and are based on topographical information collected by Strum Consulting in July and August 2019. Information collected in ATS-77 Zone 5 and referenced to NSCM 227372 with a published elevation of 161.879m. (CGVD28 Vertical Reference Frame)
2. Existing wetland locations and shapes provided by MacCallum Engineering. Refer to report titled "Mount Uniacke Business Park: Wetland and Watercourse Delineation", dated September 18, 2018.
3. All work in and around existing wetlands to be completed in accordance with approvals and applicable N.S.E regulations.
4. For additional notes and details see drawing 18-6683-F05.

INSTALL NEW ANCHOR ON EXISTING POLE
EXISTING TOP OF SLOPE
EXISTING APPROX. POLE LOCATION
EXISTING TOE OF SLOPE
EXISTING TOP OF SLOPE
BLEND EDGE OF GRAVEL TO EXISTING SHOULDER
R=10.0m

EXISTING LOT
PID 45367539
7 RALSTON HOLDINGS LTD

EXISTING LOT
PID 45339930
BEVERLY ANN VERGE
LEWIS ALLAN VERGE

EXISTING LOT
PID 45365335
JODY ALLAN VERGE

EXISTING PROPERTY LINE

EXISTING JAMES BOYLE DRIVE
EXISTING EASEMENT
EXISTING TOP OF SLOPE
EXISTING ROW
EXISTING TOE OF SLOPE
APPROX. EDGE OF EXISTING ASPHALT
EXISTING TOP OF SLOPE
EXISTING TOE OF SLOPE
EXISTING ROW
EXISTING EASEMENT

PROPERTY BOUNDARY / ROW
TOP OF SLOPE
DITCH
EDGE OF SHOULDER
EDGE OF ASPHALT
EDGE OF ASPHALT
EDGE OF SHOULDER
DITCH
ROW
TOE OF SLOPE

PP01
PP02
PP03
PP04
PP05
PP06
PP07
PP08
PP09

CULVERT #1
525ø CONCRETE CULVERT @ 1.30%
C/W PRECAST CONC. HEADWALLS
INV IN = 162.03
INV OUT = 161.70

BLEND EDGE OF GRAVEL TO EXISTING SHOULDER
EXISTING TOP OF SLOPE
CHECK DAM (TYP.)
REFER TO DETAIL #5 ON 18-6683-F05
RIP-RAP LINING (TYP.)
REFER TO DETAIL #6 ON 18-6683-F05

NOTE:
CONTRACTOR TO AVOID DISTURBANCE TO EXISTING LOTS.

LIMIT OF DISTURBANCE (TYPICAL)

℄ Curve Data
PI: N 4969520.044
E 5554818.310
I = 12° 59' 13"
T = 19.918m
R = 175.000m
L = 39.666m
PC STA: 0+128.186
PT STA: 0+167.852

ROAD A

LOT 1
LOT 2
LOT 3
LOT R-1
LOT LINE

WET AREA
WET AREA
WET AREA

PRIVATE LAND
EXISTING LOT
PID 45336070
3303755 NOVA SCOTIA LIMITED

RIP-RAP LINING (TYP.)
REFER TO DETAIL #6 ON 18-6683-F05
CHECK DAMS (TYP.)
REFER TO DETAIL #5 ON 18-6683-F05

NOTE:
CONTRACTOR TO AVOID DISTURBANCE TO EXISTING LOTS.

LIMIT OF DISTURBANCE (TYPICAL)

INSTALL SILT FENCE
REFER TO DETAIL #3
ON 18-6683-F05

TOP OF SLOPE
LIMIT OF DISTURBANCE (TYPICAL)

CULVERT #2
525ø CONCRETE CULVERT @ 1.00%
INV IN = 152.330
INV OUT = 152.120

(FOR CONTINUATION, SEE DWG #18-6683-F03)

No	Description	Date	By
0.	Issued For Tender	Aug 29, 2019	CNB

Revision or Issue

Strum CONSULTING

Project
UNIACKE BUSINESS PARK
EXPANSION
PHASE 1

Drawing
PLAN-PROFILE
0+000 TO STA. 0+300

Scale 1:500

REGISTERED PROFESSIONAL ENGINEER
PROVINCE OF NOVA SCOTIA
DATE: 08/29/19
C. N. BOUDREAU
7511

Date	Drawn
Aug 29, 2019	RAW
Design: RAW	Check: CNB
Approv.: CNB	
Project No.: 18-6683	Sheet: 2 Of 5
Drawing No.: F02	Rev.: 0