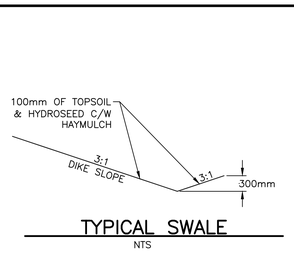

TYPICAL SWALE
NTS

GRID NORTH
UNIVERSAL TRANSVERSE MERCATOR
N.A.D. 83 (CSRS)
ZONE 20

LEGEND

- GRAVEL SURFACE (REFER TO C13 TO C15 FOR THICKNESS)
- GRAVEL SURFACE (REFER TO C13 TO C15 FOR THICKNESS)
- ASPHALT SURFACE (REFER TO C13 TO C15 FOR THICKNESS)

CONNECT TO EXISTING WATER SERVICE WITH REQUIRED COUPLINGS
MATCH TO EXISTING ASPHALT
EXISTING EDGE OF ASPHALT
EXISTING SIGN
EXISTING 450mm ø CONCRETE CULVERT
NEW 50mm ø WATER SERVICE PIPE 47.0m LONG
NEW 450mm ø CULVERT 15.0m LONG @ 4.33%
EXISTING GRAVEL ROAD
EXISTING TREELINE
NEW C2 CLEAR STONE 300mm THICK C/W GEOTEXTILE
NEW 2.5 X 4m REINFORCED CONCRETE PAD FOR GARBAGE BINS (SEE DETAIL SHEET C27)
NEW EROSION CONTROL STRUCTURE (TYP.)
NEW TREELINE
INV.: 144.65m
INV.: 144.0m
NEW C2 CLEAR STONE 300mm THICK C/W GEOTEXTILE
NEW BOLLARDS (TYP.)
NEW 50mm ø CURB STOP
NEW 600mm WIDE DRAINAGE DITCH
RESTORE SIDE SLOPE WITH 100mm OF TOPSOIL & HYDROSEED C/W HAYMULCH
NEW SILT FENCE
BLEND INTO EXISTING DITCH
NEW EROSION CONTROL STRUCTURE (TYP.)
BLEND EXISTING DITCH INTO NEW DITCH ENSURE MIN. 2:1 SLOPE
NEW 600mm WIDE DRAINAGE DITCH
EXISTING TOP OF SLOPE
NEW EROSION CONTROL STRUCTURE (TYP.)
BLEND INTO EXISTING DITCH
EXISTING BOTTOM OF DITCH
NEW SILT FENCE
NEW TREELINE
NEW SECURITY FENCE
RESTORE SIDE SLOPE WITH 100mm OF TOPSOIL & HYDROSEED C/W HAYMULCH
SAMH-3
SAMH-4
SAMH-13
SAMH-14
SAMH-07
SAMH-6
SAMH-5
SAMH-10
SAMH-12
SAMH-11
SAMH-15
SAMH-16
CONCRETE PAD ELEVATION = 146.25
CONCRETE PAD ELEVATIONS = 146.125
NEW OPERATIONS BUILDING FFE: 146.300
BH1
BH2
BH4
NEW FENCE POST AT BUILDING
NEW BY-PASS BAR SCREEN CHAMBER (CH-01)
NEW 3.0 X 1.8m O/H DOOR REINFORCED CONCRETE PAD (SEE DETAIL SHEET C27)
NEW 1.2X1.2m MANDOOR CONCRETE PAD(TYP.)
NEW 2.5 X 4m REINFORCED CONCRETE PAD FOR GARBAGE BINS (SEE DETAIL SHEET C27)
NEW VEHICLE GATE
NEW BY-PASS METERING CHAMBER (CH-02)
NEW LAGOON WATER LEVEL
NEW SECURITY FENCE
NEW TOP OF SLOPE
NEW BOTTOM OF SLOPE
RESTORE SIDE SLOPE WITH 100mm OF TOPSOIL & HYDROSEED C/W HAYMULCH
NEW 300mm DEEP SWALE
NEW EROSION CONTROL STRUCTURE (TYP.)
5 NEW MOVABLE CONCRETE JERSEY BARRIERS 570mm WIDE X 2500mm LONG X 810mm HIGH SPACED NO MORE THEN 2.0m APART
NEW LAGOON WATER LEVEL
NEW AERATED LAGOON 1
TOP OF DIKE: 145.300
TOP OF WATER: 144.300
BOTTOM ELEV.: 141.400
NEW AERATED LAGOON 2
TOP OF DIKE: 145.300
TOP OF WATER: 144.250
BOTTOM ELEV.: 141.400
NEW BOTTOM OF SLOPE
EXISTING BOTTOM OF SLOPE
NEW TOP OF SLOPE
EXISTING TOP OF SLOPE
STMH-01
2H:1V (TYP.)
3H:1V (TYP.)
3:1
26.0 m
16.1 m
11.1 m
10.0 m
5.0 m

SITE PLAN
SCALE : 1:250
0m 5m 10m 15m 20m 25m

Public Works and Government Services Canada
Travaux Publics et Services gouvernementaux Canada

eNGLOBe

REGISTERED PROFESSIONAL ENGINEER PROVINCE OF NOVA SCOTIA
DATE 2022-06-20
L. Cogar
20210786

3	ISSUED FOR TENDER	04/14 2022
2	ISSUED FOR RS4 99% SUBMISSION	10/30 2020
1	ISSUED FOR RS4 66% SUBMISSION	02/28 2020
0	ISSUED FOR RS3 SUBMISSION	08/17 2018
revisions		date

project / projet

SEWAGE TREATMENT UPGRADES SPRINGHILL INSTITUTION SPRINGHILL, NS

drawing / dessin

LAGOON NORTH SITE GRADING & EROSION CONTROL PLAN

designed GMG / conçu
date 2018-08-09
drawn GMG / dessiné
date 2018-08-09
approved pp / approuvé
date 2018-08-14
Tender / Soumission
PWGSC Project Manager / Administrateur de projets TPSGC
project number / no. du projet
R.061876.001
drawing no. / no. du dessin
C07

PWGSC B1 (2004)
0 10 20mm 40 60 80 100 120 140 160 180 200mm
E-DRM/GDD-E: 552799