

LEGEND

WV ● EX WATER VALVE
WVC ○ EX WATER VALVE CHAMBER
WMC ○ PROP WATER METER CHAMBER
HYD ○ EX HYDRANT
HYD ● PROP HYDRANT
CB □ EX CATCHBASIN
CB ■ PROP CATCHBASIN
STM ○ EX STORM MANHOLE
MH ● PROP STORM MANHOLE
SAN ○ EX SANITARY MANHOLE
MH ● PROP SANITARY MANHOLE
PLUG □ PROP PLUG
HP ○ EX HYDRO POLE
LS ■ PROP LIGHT POLE
DOOR
FIRE EXIT
100.00 EXISTING ELEVATION
100.00 SW PROPOSED SWALE ELEVATION
100.00 C TOP OF CURB ELEVATION
100.00 PROPOSED ELEVATION
WAT ● EX WATERMAIN
WAT ● PROP WATER LATERAL WITH CURBSTOP
STM ● EX STORM SEWER
STM ● PROP STORM SEWER
SAN ● EX SANITARY SEWER
SAN ● PROP SANITARY LATERAL WITH CLEANOUT
SAN ● PROP SANITARY SEWER
CURB ● PROP CURB
CURB ● PROP DEPRESSED CURB
SILT FENCE
CHAIN-LINK FENCE
WOOD FENCE

NOTES:

- THIS TYPE OF FILTER BARRIER CONSISTS OF GEOTEXTILE FILTER FABRIC SECURELY ATTACHED TO THE UPSTREAM SIDE.
- SILT FENCES SHOULD BE USED ONLY FOR INTERCEPTING SHEET FLOWS OF DRAINAGE AREA NO LONGER THAN 30m AND NO STEEPER THAN 2:1.
- THE FENCE HEIGHT SHOULD BE 0.9m TO 1.0m AND THE LENGTH APPROX. 30m PER 1000m² OF DRAINAGE AREA.
- THE FABRIC IS TO BE RECESSED INTO A TRENCH 0.1m x 0.1m, BACKFILLED, AND COMPACTED.
- FENCE POST SHOULD BE SPACED NO MORE THAN 3.0m APART AND SET INTO THE GROUND AT LEAST 0.6m.

50mm WOOD FENCE POSTS AT 3.0m ON-CENTER MAX
GEOTEXTILE FILTER FABRIC ATTACHED TO POST AND BURIED IN TRENCH
DIRECTION OF SHEET FLOW
TRENCH 0.1x0.1m, BACKFILLED AND COMPACTED
MIN 0.6m IN GROUND

SILT FENCE DETAIL
N.T.S.

3:1 MAX
0.05m MIN
3:1 MAX
PROPERTY LINE
100mm TOPSOIL AND SOD

TYPICAL SWALE CROSS-SECTION (OFFSET FROM PROPERTY LINE)
N.T.S.

CONC CURB PER OPSD 600.110
40mm HL3FINE
50mm HLB
375mm GRAN 'A' COMPACTED TO 100% SPD
COMPACTED SUBGRADE
125mm CONC SIDEWALK
GRAN 'A' COMPACTED TO 100% SPD
ADDITIONAL WIDTH REQUIRED
50mm

TYPICAL BARRIER CURB, SIDEWALK, AND ASPHALT CROSS SECTION
N.T.S.

- NOTES:**
- THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWER, AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.
 - PROPERTY LINES WERE PLOTTED USING REGISTERED PLANS AND BARS LOCATED IN THE FIELD. TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION.
 - ALL CONSTRUCTION MUST COMPLY WITH THE NIAGARA PENINSULA STANDARD CONTRACT DOCUMENT.

DRAFTING
Z.C.
DESIGN
J.S.
CHECKED BY
M.C.
APPROVED BY
J.S.

SITE BENCHMARK:
1. GEODETIC TOP OF HYDRANT NUT
ELEVATION = 182.13

OWNER:

2414920 ONTARIO LIMITED
8 ACME CRESCENT
ETOBICOKE ON, M9R 3B8

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**11 LEWIS STREET, FORT ERIE
SITE SERVICING AND GRADING PLAN**

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REV 1