

LEGEND	
HYD	EX HYDRANT
SAN	EX SANITARY MANHOLE
MH	PROP SANITARY MANHOLE
CO	PROP SANITARY CLEANOUT
+	EXISTING ELEVATION
x	PROPOSED ELEVATION
---	EX WATERMAIN
---	PROP WATER LATERAL
---	EX SANITARY SEWER
---	PROP SANITARY LATERAL WITH CLEANOUT
---	PROP SANITARY SEWER

SANITARY NOTES:

- SANITARY SERVICE LATERAL TO BE 125mm PVC DR28, @ 2.0% MIN.
- BEDDING FOR SANITARY SEWER PER OPSD 802.010.
- SANITARY SEWER SHALL BE PVC DR35 CSA 182.7 AND FITTINGS PER CSA 182.2.
- SANITARY MANHOLE SHALL BE 1200mm PER OPSD 701.010 FRAME & GRATE PER OPSD 401.010 (CLOSED) AND BENCHING PER OPSD 701.021 AND KOR'N SEAL BOOTS FOR SEWER AND LATERAL CONNECTIONS.

WATER NOTES:

- WATER SERVICE MATERIAL MUST CORRESPOND TO CURRENT SPECIFICATIONS FOR THE MUNICIPALITY.
- WATER SERVICE TO HAVE MINIMUM COVER OF 1.7m WITH A MINIMUM VERTICAL SPACING OF 0.5m FROM OTHER SERVICES.
- WATER SERVICE TO BE 25mm TYPE "K" INCLUDING MAIN @ CURB STOP & BOX. BEDDING FOR WATER SERVICE PER OPSD 802.010.

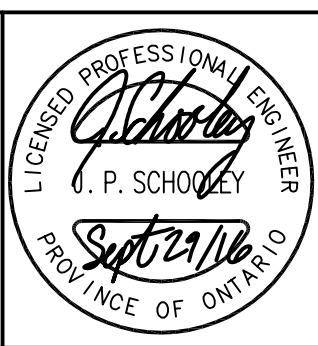
GENERAL NOTES:

- THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS, AND OTHER UNDERGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN, AND WHERE SHOWN, THE ACCURACY OF THE LOCATION SHOWN OF SUCH UTILITIES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONTACT ALL SUCH UTILITIES INVOLVED AND INFORM THEMSELVES AS TO THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME LIABILITY FOR DAMAGE TO THEM.
- DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
- ALL TRENCHES, EXCEPT IN DRIVEWAYS AND ROADWAYS, TO BE BACKFILLED WITH SELECT NATIVE BACKFILL UNLESS OTHERWISE NOTED. ALL TRENCHES IN DRIVEWAYS AND ROADWAYS SHALL BE BACKFILLED WITH GRANULAR 'A'.
- ALL GRANULAR MATERIAL TO BE COMPACTED TO 100% STANDARD PROCTOR DENSITY AND ALL NATIVE BACKFILL TO BE COMPACTED TO 95% SPD UNLESS OTHERWISE NOTED.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE RELEVANT SECTIONS OF THE NIAGARA PENINSULA STANDARD CONTRACT DOCUMENT, THE ONTARIO PROVINCIAL SECTIONS SPECIFICATIONS AND ONTARIO PROVINCIAL STANDARD DRAWINGS UNLESS OTHERWISE NOTED.
- WHERE DISTURBED OR DAMAGED, EXISTING ROADS TO BE REINSTATED WITH 450mm GRANULAR 'A' BASE, 50mm HL8 HOT MIX ASPHALT BASE COURSE. PAVEMENT REINSTATEMENT SHALL COMPLY WITH OPSD 509.070 AND TYPICAL DETAILS SHOWN.
- REMOVE AND REINSTATE STREET FURNITURE, SIGNS, MAIL BOXES, GUIDE RAILS, CULVERTS, HEADWALLS, ETC. AS NECESSARY. REINSTATEMENT TO BE TO EXISTING CONDITION OR BETTER, AND TO THE SATISFACTION OF THE ENGINEER.
- SHOULDERS OF ROADS SHALL BE REINSTATED WITH MIN. 75mm GRANULAR 'M' TO THE SATISFACTION OF THE OWNER. THIS MAY INCLUDE SCARIFICATION AND PLACEMENT OF NEW GRANULAR MATERIAL WHERE SURFACE IS CONTAMINATED.
- CONTRACTOR TO ASSUME RESPONSIBILITY FOR PROTECTION OF ALL UTILITY POLES ALONG ALIGNMENT INCLUDING COST OF SUPPORT OF POLES BY THE UTILITY COMPANY OR BY OTHER PARTY ACCEPTABLE TO THE UTILITY, AS REQUIRED.

NO.	REVISION	DATE	INIT.
3	REVISED PER TOWN COMMENTS	2016-09-29	J.S.
2	REVISED PER TOWN COMMENTS	2016-07-29	T.A.
1	PER TOWN COMMENTS	2014-07-30	T.A.
0	ISSUED FOR APPROVAL	2014-06-11	T.A.

NOTES/LEGEND	
1.	THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, 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.
2.	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.
3.	ALL CONSTRUCTION MUST COMPLY WITH THE NIAGARA PENINSULA STANDARD CONTRACT DOCUMENT.

DRAFTING	T.A.
DESIGN	J.S.
CHECKED BY	J.S.
APPROVED BY	J.S.



#1334 PELHAM STREET
SITE GRADING PLAN AND
PLAN & PROFILE
LAWRENCE SCHILSTRA

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