

BACKFLOW PREVENTER

BARRIER CURB

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PROJECT:

GAS STATION AT 12544 HIGHWAY 50 BOLTON, ON.

DRAWING TITLE:

SPA 2015-006 R2 15-08

SERVICING PLAN

SITE PLAN FILE NUMBER: SC 2003 - 0035

DRAWN BY: AZ DATE: 01 FEB. 2019 CHECKED BY: AZ SCALE: 1:300 DRAWING NO .: PROJECT NO.:

13-40

WATERMAIN AND / OR WATER SERVICE MATERIALS 100 MM (4") AND LARGER MUST BE PVC (REFER TO CURRENT MATERIAL SPECS AND INDICATE THE PIPE TO BE USED). SIZE 50 MM (2") AND SMALLER MUST BE COPPER (REFER TO CURRENT MATERIAL SPECS AND

INDICATE THE PIPE TO BE USED). WATERMAINS AND / OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 1.7 M (5'6") WITH A MINIMUM HORIZONTAL SPACING OF 1.2 M (4") FROM THEMSELVES AND ALL OTHER UTILITIES. PROVISIONS FOR FLUSHING WATER LINE PRIOR TO TESTING, ETC. MUST BE PROVIDED WITH AT LEAST A 50 MM (2") OUTLET ON 100 MM (4") AND LARGER LINES. COPPER LINES ARE TO HAVE FLUSHING POINTS AT THE END, THE SAME SIZE AS THE LINE. THEY MUST ALSO BE HOSED OR PIPED TO ALLOW THE WATER TO DRAIN ONTO A

PARKING LOT OR DOWN A DRAIN. ON FIRE LINES, FLUSHING OUTLET TO BE 100 MM (4") DIAMETER MINIMUM ON A HYDRANT. ALL CURB STOPS TO BE 3.0 M (10') OFF THE FACE OF THE BUILDING UNLESS OTHERWISE NOTED. HYDRANT AND VALVE SET TO REGION STANDARD 1 -6 -1 DIMENSION

A AND B, 0.7 M (2') AND 0.9 M (3') AND TO HAVE PUMPER WATERMAINS TO BE INSTALLED TO GRADES AS SHOWN ON APPROVED SITE PLAN. COPY OF GRADE SHEET MUST BE SUPPLIED TO

INSPECTOR PRIOR TO COMMENCEMENT OF WORK, WHERE REQUESTED WATERMAINS MUST HAVE A MINIMUM VERTICAL CLEARANCE OF 0.3 M

(12") OVER / 0.5 M (20") UNDER SEWERS AND ALL OTHER UTILITIES WHEN CROSSING ALL PROPOSED WATER PIPING MUST BE ISOLATED FROM EXISTING

LINES IN ORDER TO ALLOW INDEPENDENT PRESSURE TESTING AND CHLORINATING FROM EXISTING SYSTEMS. ALL LIVE TAPPING AND OPERATION OF REGION WATER VALVES SHALL

BE ARRANGED THROUGH THE REGIONAL INSPECTOR ASSIGNED OR BY CONTACTING THE OPERATIONS AND MAINTENANCE DIVISION. LOCATION OF ALL EXISTING UTILITIES IN THE FIELD TO BE ESTABLISHED BY THE CONTRACTOR.

THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE FOR LOCATES, EXPOSING, SUPPORTING AND PROTECTING OF ALL UNDERGROUND AND OVERHEAD UTILITIES AND STRUCTURES EXISTING AT THE TIME OF CONSTRUCTION IN THE AREA OF THEIR WORK. WHETHER SHOWN ON THE PLANS OR NOT AND FOR ALL REPAIRS AND CONSEQUENCES RESULTING FROM DAMAGE TO SAME.

THE CONTRACTOR(S) SHALL BE SOLELY RESPONSIBLE TO GIVE 72 HOURS WRITTEN NOTICE TO THE UTILITIES PRIOR TO CROSSING SUCH UTILITIES. FOR THE PURPOSE OF INSPECTION BY THE CONCERNED UTILITY. THIS INSPECTION WILL BE FOR THE DURATION OF THE CONSTRUCTION, WITH THE CONTRACTOR RESPONSIBLE FOR ALL COSTS ARISING FROM SUCH INSPECTION.

ALL PROPOSED WATER PIPING MUST BE ISOLATED THROUGH A TEMPORARY CONNECTION THAT SHALL INCLUDE AN APPROPRIATE CROSS-CONNECTION CONTROL DEVICE, CONSISTENT WITH THE DEGREE OF HAZARD. FOR BACKFLOW PREVENTION OF THE ACTIVE DISTRIBUTION SYSTEM, CONFORMING TO REGION OF PEEL STANDARDS 1-7-7 OR 1-7-8.

STANDARDS AND SPECIFICATIONS.

REQUIREMENTS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.

CONSTRUCTION WITHIN THE MUNICIPAL RIGHT OF WAY THE CONTRACTOR MUST CONTACT THE FOLLOWING:

905-584-2272

THE REGION OF PEEL ENBRIDGE CONSUMERS GAS

HYDRO ONE BELL CANADA ROGERS CABLE FIRE AND EMERGENCY SERVICES

4. A RIGHT OF WAY OCCUPANCY PERMIT MUST BE OBTAINED FROM THE TOWN WITHIN THE MUNICIPAL ROAD ALLOWANCE.

APPROVED BY THE TOWN OF CALEDON AND CONSERVATION AUTHORITY PRIOR TO THE ISSUANCE OF A BUILDING PERMIT. SEDIMENT CONTROL DEVICES ARE TO BE INSTALLED PRIOR TO ANY CONSTRUCTION ON THE SITE AND SHALL BE MAINTAINED THROUGHOUT THE

SITE PLAN MUST BE SUBMITTED BY THE ENGINEER TO THE TOWN FOR APPROVAL PRIOR TO CONSTRUCTION.

THE MUNICIPAL RIGHT OF WAY. IF THIS CLEARANCE IS NOT MAINTAINED,

9. STREET CURBS ARE TO BE CONTINUOUS THROUGH THE PROPOSED ENTRANCE.

SHALL BE COMPLETELY REMOVED AND REPLACED WITH A 200MM MINIMUM CONCRETE THICKNESS, 32MPA AND 5% TO 7% AIR ENTRAINMENT AT ALL PROPOSED INDUSTRIAL, COMMERCIAL AND INSTITUTIONAL ENTRANCES.

12. THE MINIMUM PAVEMENT DESIGN FOR THE ASPHALT DRIVEWAY APRON WITHIN THE MUNICIPAL ROAD ALLOWANCE SHALL BE AS FOLLOWS:

40MM HL3 ASPHALT 50MM HL8 ASPHALT

150MM GRANULAR 'A' 300MM GRANULAR 'B'

THE CONSULTANT SHOULD REVIEW THE ABOVE WITH RESPECT TO THE EXPECTED USAGE.

13. STRUCTURAL DESIGN OF THE FIRE ROUTE IS REQUIRED TO SUPPORT AN 18 TON VEHICLE.

ALL CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE

A MINIMUM OF FORTY-EIGHT (48) HOURS PRIOR TO COMMENCING

THE TOWN OF CALEDON

OF CALEDON A MINIMUM 48 HOURS PRIOR TO COMMENCING ANY WORKS

ALL DRAINAGE TO BE SELF-CONTAINED AND DISCHARGED TO A LOCATION

CONSTRUCTION PERIOD TO THE SATISFACTION OF THE TOWN AND THE APPLICABLE CONSERVATION AUTHORITY. ANY CHANGES TO GRADES OR SERVICING FROM THE ORIGINAL APPROVED

3. A MINIMUM OF 1.5M CLEARANCE IS TO BE PROVIDED FROM THE LIMITS OF ALL SIDEWALKS AND DRIVEWAYS TO EXISTING UTILITY STRUCTURES WITHIN

THEY SHALL BE RELOCATED AT THE APPLICANT'S EXPENSE.

10. MUNICIPAL SIDEWALKS SHALL BE CONTINUOUS THROUGH ALL ENTRANCES BEARINGS ARE ASTRONOMIC AND ARE TO THE SITE AND THE CURB SHALL BE TAPERED BACK 600MM. SIDEWALKS REFERRED TO THE SOUTHWESTERLY LIMIT OF HIGHWAY 50, HAVING A BEARING OF N44°49'07"W ACCORDING TO PLAN 1. ALL BOULEVARDS TO BE RESTORED WITH 300MM MINIMUM OF TOPSOIL AND 43R-15539

SOD TO THE SATISFACTION OF THE TOWN.

14. SERVICE CONNECTION BACKFILL TO BE DISCUSSED WITH THE TOWN.

<u>OWNER:</u>

RAGBIR GULATHY 12544 HWY 50 BOLTON, ONTARIO

TOPOGRAPHIC INFORMATION:

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BEARING NOTE:

<u>APPLICANT:</u>

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TOPOGRAPHIC INFORMATION TAKEN FROM GTA GREATER TORONTO ACRES SURVEYING

7003 STEELES AVE. WEST UNIT-12, TORONTO ON M9W 0A2 T.:- (416)679-0572 Fax:- (416)679-0573

ELEVATION NOTE:

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO THE TOWN OF CALEDON BENCHMARK NO. 00819758057, HAVING A PUBLISHED ELEVATION OF 251.929 METRES.

OUTFALL PROTECTION NOTE:

OUTFALL PROTECTION MUST BE IN PLACE PRIOR TO ANY CONVENIENCE OF RUNOFF TROUGH OUTFALL STRUCTURE

MUNICIPAL ADDRESS & LEGAL DESCRIPTION

12544 HIGHWAY 50, BOLTON, ONTARIO

REGISTERED PLAN - PART 1 PLAN OF PART OF LOT 3 CONCESSION 6 (GEOGRAPHIC TOWNSHIP OF ALBION) TOWN OF CALEDON (REGIONAL MUNICIPALITY OF PEEL)

HYDRO POLES AND/OR ANCHORS. 3. MAINTAIN 1.0M CLEARANCE FROM HYDRO ONE PLANT DURING ANY HORIZONTAL DIRECTIONAL DRILLING OPERATIONS. 4. PUCC OWNER IS RESPONSIBLE FOR ADDRESSING CONFLICTS WITH HYDRO ONE PLANT AND REQUESTING RESOLUTION WHEN REQUIRED.

1. UNDERGROUND LOCATES BE OBTAINED

2. NO OPEN TRENCHING WITHIN 1.5M OF

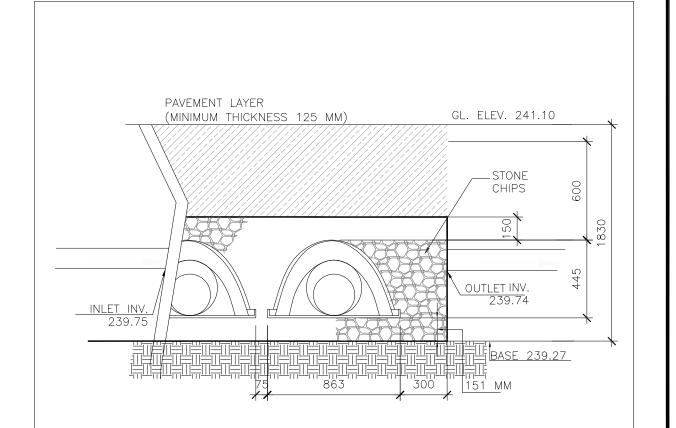
HYDRO ONE NOTES:

PRIOR TO EXCAVATION.

5. ENSURE INDUSTRY STANDARD UTILITY SEPARATIONS AND CLEARANCE MINIMUMS ARE MAINTAINED 6. GRADE CHANGES AFFECTING HYDRO ONE PLANT BE IDENTIFIED AND ADDRESSED PRIOR

COMMENCING WORK. 7. PLANT AFFECTED BY GRADE CHANGES

REQUIRING POST—CONSTRUCTION ADJUSTMENT BY HYDRO ONE WILL BE SUBJECT TO 100% LABOUR AND MATERIAL COSTS (IF NOT IDENTIFIED AND ADDRESSED PRIOR TO COMMENCING WORK)



STORMWATER TANK DETAILS

SCALE-NTS

PIPE CONCRETE ENCASED

AND INSULATION DETAIL

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PROJECT NORTH

n Architecture Inc

PRINCIPAL: NITIN MALHOTRA, ARCHITECT