

## GENERAL NOTES

- DO NOT LOCATE BUILDING WITH THESE DRAWINGS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE SITE GRADING PLAN, SITE SERVING PLAN, AND THE SITE PLAN.
- EXISTING STRUCTURES ARE NOT TO BE DISTURBED, NOR ENCROACHMENT ON ADJACENT PROPERTIES UNLESS INSTRUCTED BY THE ENGINEER.
- DRAWINGS ARE NOT TO BE SCALED.
- THE APPROVAL OF THIS PLAN DOES NOT EXEMPT THE OWNER'S CONTRACTOR FROM OBTAINING, BUT NOT LIMITED TO THE FOLLOWING PERMITS: ROAD CUT, SEWER PERMITS, RELOCATION OF SERVICES, ENCROACHMENT AGREEMENTS, APPROACH APPROVAL PERMITS, ETC.
- UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE STANDARD CITY OF BURLINGTON, REGION OF HALTON AND OPSD DRAWINGS ARE TO CONSTITUTE PART OF THIS CONTRACT.
- ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON THE SITE PRIOR TO ANY CONSTRUCTION. ANY DISCREPANCIES TO BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
- PRIOR TO CONSTRUCTION, THE ENGINEER IS TO BE NOTIFIED BY THE OWNER AND THE CONTRACTOR AS TO THE EXTENT OF THE CONSTRUCTION LIMITS THEY PROPOSE. THE CITY OF BURLINGTON AND THE REGION OF HALTON ARE TO BE NOTIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUPPLY, INSTALLATION AND REMOVAL OF ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS, AND BARRIERS. ALL SIGNS ETC. SHALL CONFORM TO THE STANDARDS AND SPECIFICATION FOR THE CITY OF BURLINGTON, REGION OF HALTON AND THE MTO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. SEE CONSTRUCTION MANAGEMENT PLAN BY IBI GROUP.
- MUNICIPAL CONSENT IS REQUIRED FOR WORKS WITHIN THE ROW. PLEASE CONTACT DOUG CONWAY 905-815-3338.

## SERVICING NOTES

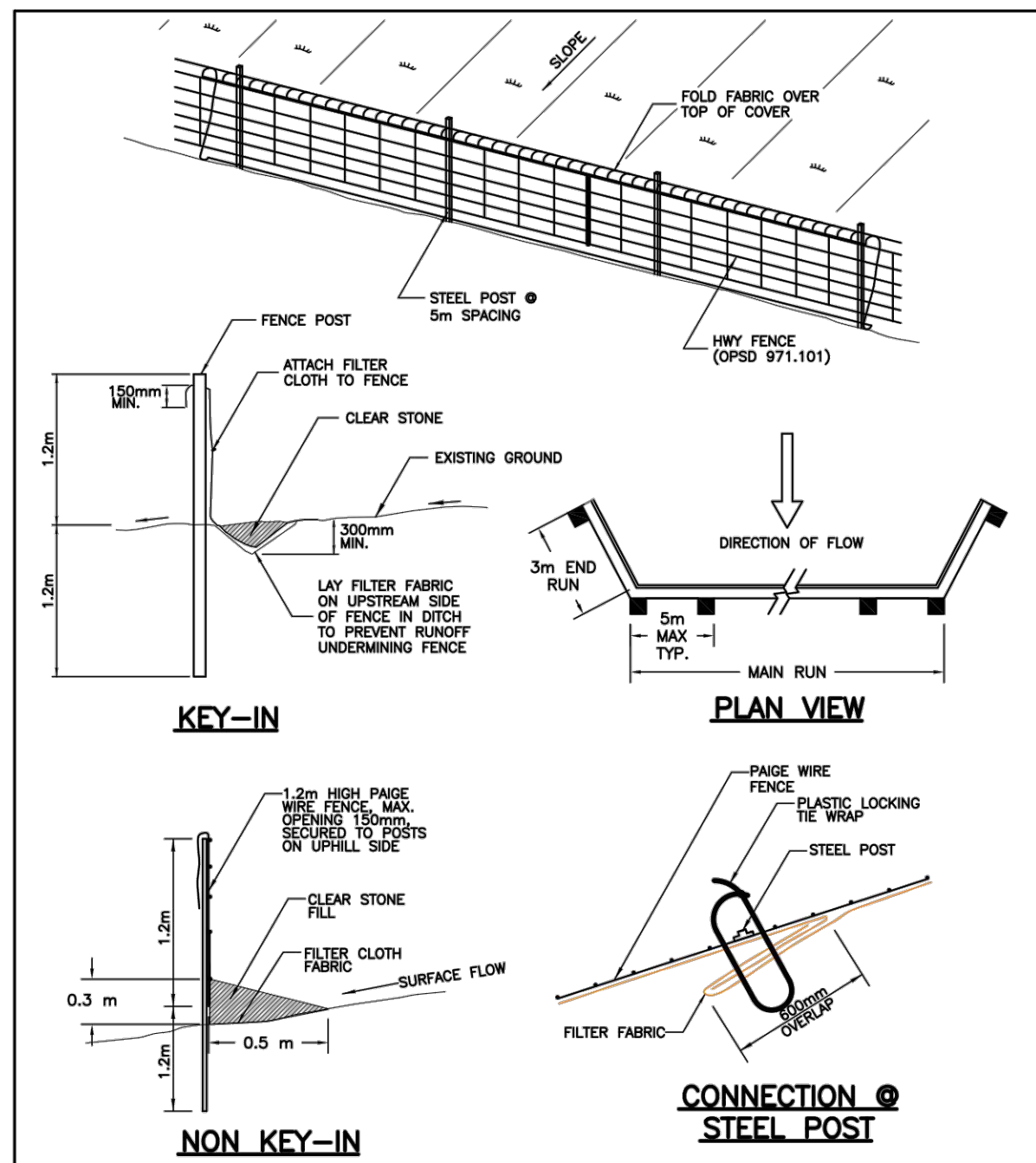
- WATER SERVICE CONNECTIONS TO BE AS PER RH 409.01. PIPE FOR ALL SERVICES CONNECTIONS UP TO 50mm SHALL BE TYPE "K" SOFT COPPER TUBING.
- WATER SERVICE CONNECTIONS TO PROPERTY LINE CURB STOP AND SERVICE BOX REQUIRE THE INSTALLATION OF STAINLESS STEEL RODS AND STAINLESS STEEL COTTER PINS.
- STAINLESS STEEL SERVICE SADDLES SHALL BE USED WHEN TAPPING WATER SERVICES.
- SANITARY SEWER CONNECTION LATERALS SHALL BE POLYVINYL CHLORIDE (PVC) PIPE DR28 ASTM-D3034 WITH INTEGRAL BELL AND SPIGOT UTILIZING FLEXIBLE ELASTOMERIC SEALS.
- CONSTRUCTION OF SANITARY SEWERS SHALL BE IN ACCORDANCE WITH REGION OF HALTON SPECIFICATIONS AND THE ONTARIO BUILDING CODE (LATEST EDITION).
- WATERMAIN SERVICE TAPPING, AND SANITARY SEWER TAPPING, TO BE BY HALTON REGION FORCES ONLY.
- SANITARY SERVICE CONNECTIONS SHALL BE 125mm DIAMETER, PVC DR28 (GREEN IN COLOR) FOR SINGLE FAMILY, SEMI-DETACHED AND ROW TOWNHOUSE RESIDENTIAL CONNECTIONS (SHARED SERVICE LATERALS ARE NOT PERMITTED).
- INSTALLATION OF PROPOSED SANITARY SERVICES TO BE AS PER OPSD 1006.010, AS AMENDED BY THE REGION OF HALTON.

## SILTATION AND EROSION CONTROL

- SILTATION CONTROL BARRIERS SHALL BE PLACED AS DETAIL.
- ALL SILTATION CONTROL MEASURES SHALL BE CLEANED AND MAINTAINED AFTER EACH RAINFALL AS DIRECTED AND TO THE SATISFACTION OF THE CITY OF BURLINGTON.
- ADDITIONAL SILT CONTROL LOCATIONS MAY BE REQUIRED AS DETERMINED BY THE CITY OF BURLINGTON.

## RESTORATIONS:

- ALL TRENCH EXCAVATIONS WITHIN EXISTING ROAD ALLOWANCES SHALL BE BACKFILLED WITH GRANULAR "A" COMPACTED TO 98% SPD. PAVEMENT RESTORATION SHALL CONSIST OF FULL DEPTH GRANULAR "A" 80mm OF HLB BASE ASPHALT AND 40mm OF TOP COURSE ASPHALT, COMPACTED TO CITY OF BURLINGTON STANDARDS.
- EXISTING PRIVATE FENCE IS TO BE MAINTAINED THROUGHOUT CONSTRUCTION. WHERE REMOVAL OR RELOCATION OF FENCING IS NECESSARY IT SHALL BE RESTORED OR REPLACED TO ORIGINAL CONDITIONS OR BETTER UNDER THE DIRECTION OF THE ENGINEER.
- DAMAGED CURB, GUTTER AND SIDEWALK TO BE REPLACED WITH 28 MPa CONCRETE TO EXISTING CONDITIONS OR BETTER.
- CONTRACTOR TO RE-INSTALL ANY DAMAGED CURB AND SIDEWALK AS PER THE CITY OF BURLINGTON STD S-120, S-125A.
- ROAD RESTORATION WORK SHOULD REFER TO S-114, S-114A, S-114B PER THE CITY OF BURLINGTON.
- UN-SHRINKABLE FILL MAY BE REQUIRED AS BACKFILL FOR TRENCHES WITHIN THE ROW, TO BE DETERMINED AT CONSTRUCTION STAGE BY CITY INSPECTION STAFF.



THE REGIONAL MUNICIPALITY OF HALTON  
PUBLIC WORKS DEPARTMENT

HEAVY DUTY  
SILT FENCE BARRIER

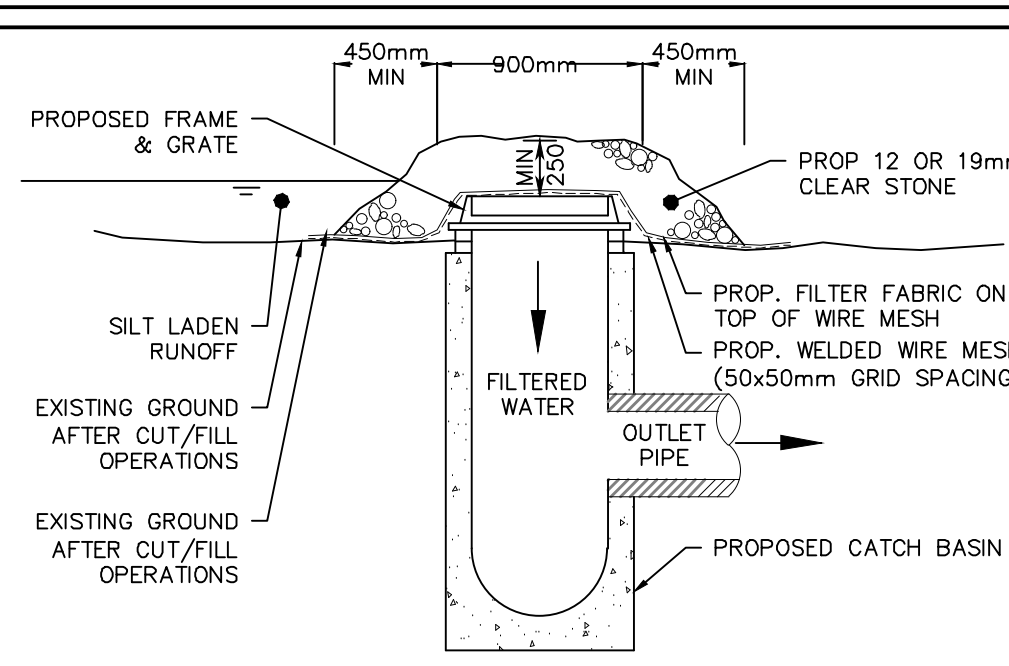
ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE NOTED

Date: January 2014 Rev. 0 NTS

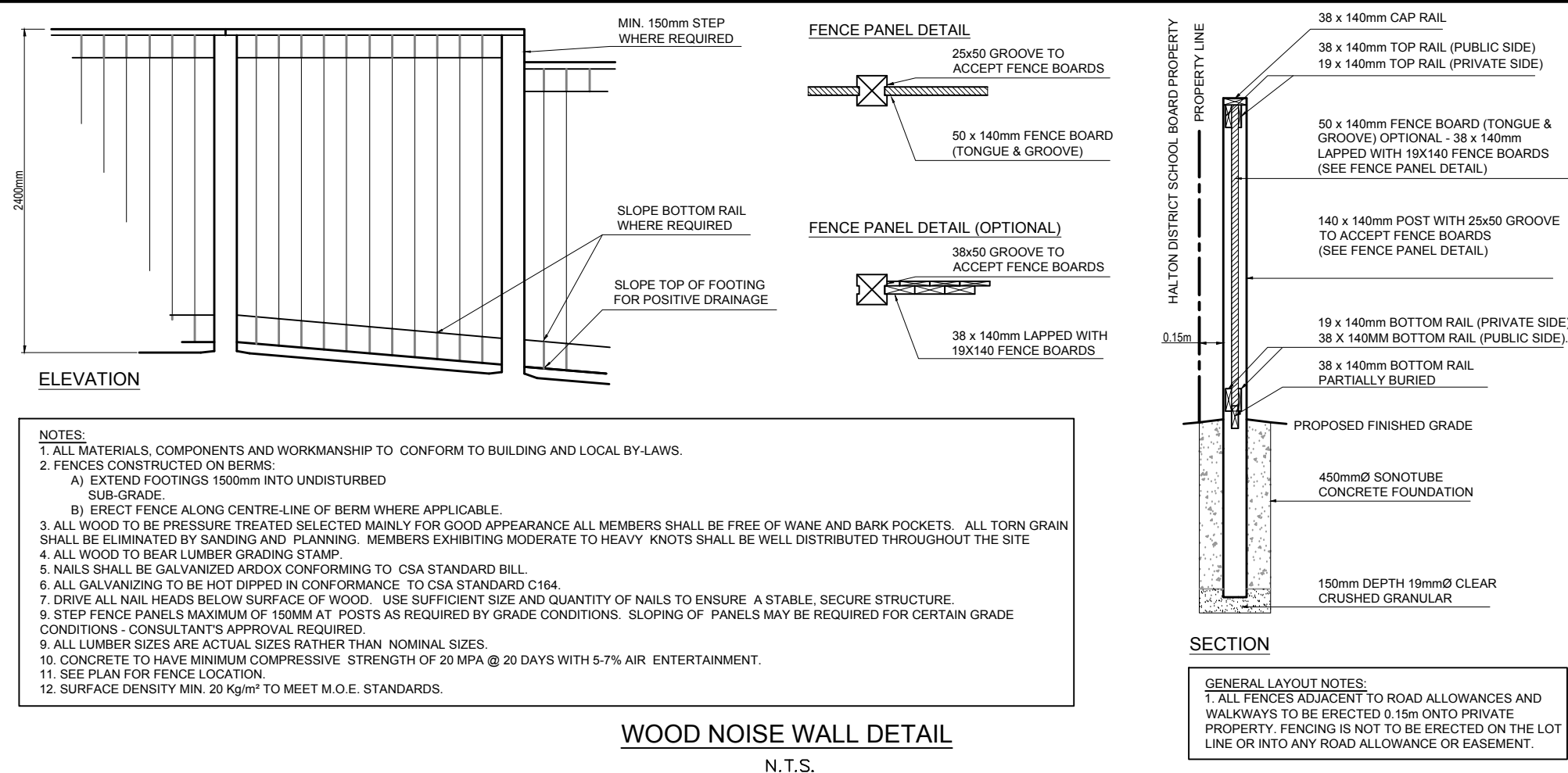
REGION STANDARD RH 200.040

## NOTE TO CONTRACTOR

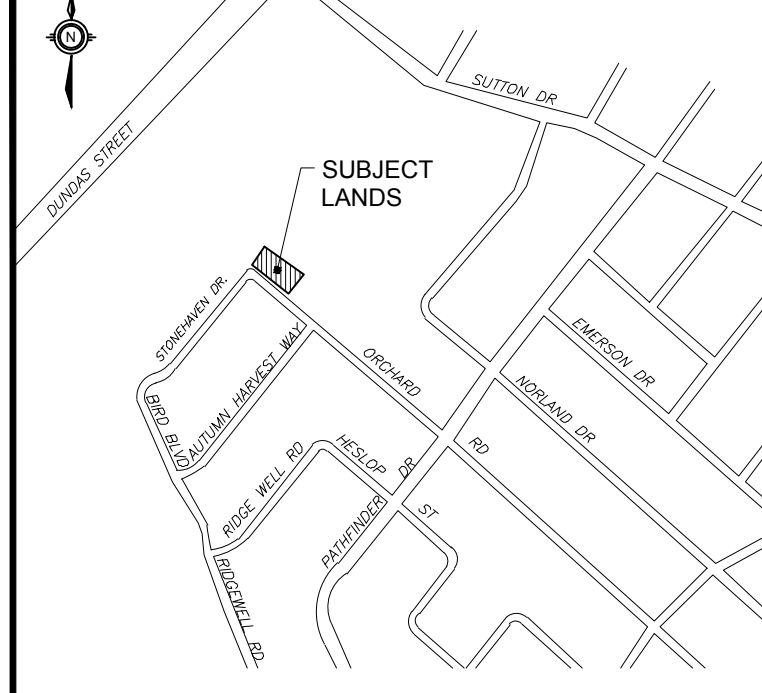
- THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THIS CONTRACT DRAWING, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES IS NOT GUARANTEED. BEFORE STARTING WORK THE CONTRACTOR SHALL INFORM THEMSELVES OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



YARD CATCH BASIN SILT CONTROL - DETAIL 'C'  
GRASSED AREAS N.T.S.



WOOD NOISE WALL DETAIL  
N.T.S.



## KEY MAP - N.T.S.

## LEGEND

- 78.22 - PROPOSED ELEVATION
- 78.22 EXIST - MATCH EXISTING ELEVATION
- 78.22 - EXISTING ELEVATION
- 2.0% - PROPOSED SLOPE
- - EXISTING DIRECTION OF FLOW
- - PROPOSED SILT FENCE OPSD 219.130
- - PROPOSED SOUND BARRIER WALL/ NOISE WALL
- CB - PROPOSED CATCH BASIN
- - EXISTING STORM FLOW DIRECTION
- - PROPOSED SANITARY SERVICE LATERAL
- - EXISTING SANITARY MANHOLE
- - EXISTING SANITARY FLOW DIRECTION
- CS - PROPOSED CURB STOP
- - PROPOSED WATER SERVICE LATERAL
- - EXISTING WATERMAIN
- - PROPOSED WATER METER
- - PROPOSED SUMP PUMP
- - EXISTING HYDRANT
- - EXISTING CATCH BASIN
- - EXISTING STORM MANHOLE
- - EXISTING DOUBLE CATCH BASIN
- - EXISTING CB MANHOLE
- - EXISTING SANITARY MANHOLE
- - EXISTING HYDRANT
- - EXISTING WATER VALVE
- - EXISTING VALVE CHAMBER
- - EXISTING BELL BOX
- - EXISTING CABLE TV BOX
- - EXISTING DECIDUOUS TREE
- - PROPOSED SILT SACK
- - SEWER CROSSING
- F.F.E. - FINISH FLOOR ELEVATION (\*BASED ON 2.75m BASEMENT HEIGHT, IF BUILDING PLANS DIFFER, CONTACT ENGINEER FOR REVIEW)
- T.F.E. - TOP OF FOUNDATION ELEVATION
- G.F.E. - GARAGE FLOOR ELEVATION
- B.F.E. - BASEMENT FLOOR ELEVATION
- 3R - NUMBER OF RISERS
- - RELOCATED TREE

## NOT FOR CONSTRUCTION

SOURCE:  
- TOPOGRAPHIC SURVEY INFORMATION OBTAINED BY MACKAY MACKAY & PETERS LIMITED, DRAWING NO. 17-092  
- JOHN WILLIAM BOCH PARKETTE GRADING AND SERVING INFORMATION OBTAINED BY A.J. CLARKE AND ASSOCIATES LTD.

BENCHMARK  
- CITY OF BURLINGTON BENCHMARK NO. 443  
ELEVATION = 152.32m (CGVD-1928: 1978 ADJUSTMENT)  
MTO BM PLaque #18102 SET ON TOP OF CONCRETE BOX CULVERT LOCATED ON SOUTHEAST CORNER OF APPELEY LINE AND DUNDAS STREET.

SCALE  
1 0 1 2 4  
1:100 m

DESIGN BY: C. CAO CHECKED BY: B. ENTER  
DRAWN BY: C. CAO DATE: 2017-05-24

LOCATION	INVERT	OBVERT	ELEV. DIFFERENCE
1	152.84 STM	152.20 WM*	0.64

NOTE: EXISTING ELEVATIONS ARE APPROXIMATE, CONTRACTOR TO CONFIRM

## DRAWING ISSUE RECORD

NO.	DATE	BY	DESCRIPTION
5	2020-09-22	M.B.	ISSUED FOR REGIONAL SERVING PERMIT
4	2020-09-16	M.B.	REVISED PER CITY OF BURLINGTON COMMENTS
3	2019-06-10	C.C.	REVISED PER CONSENT AGREEMENT
2	2017-10-30	C.C.	THIRD ENGINEERING SUBMISSION
1	2017-09-28	C.C.	SECOND ENGINEERING SUBMISSION
0	2017-05-25	C.C.	FIRST ENGINEERING SUBMISSION
01			

## APPROVALS

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ibigroup.com

## CITY OF BURLINGTON REGION OF HALTON

DAWN VICTORIA HOMES  
2445, 2447, 2449 ORCHARD ROAD  
CONSENT FILE # B17005B

## GRADING & SERVING PLAN

FILE NUMBER: 123369 SHEET NUMBER: GSP

FILE: T:\123369\_Orchard\_Constr\03\_Desig\04\_Civil\123369-3-015.dwg LAYOUT: GSP

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