EXISTING SERVICES NOTE:

AT THE TIME OF PREPARING THIS DRAWING, THE CITY OF BURLINGTON STAFF COULD NOT VERIFY IF THE EXISTING STORM SEWER, BELL CABLE & GAS LINES HAVE BEEN ABANDONED OR ARE STILL ACTIVE

100YR PONDING ELEV=104.75 AREA=245m² VOLUME=24.5m³

PROPOSED SILT FENCE PER OPSD 219.130

MATCH TO EX. PROPERTY LINE GRADES

PROPOSED "MUD-MAT" PER DETAIL

13.3m 450mmø PVC STORM @ 1.0%

STM. INV. OUT=101.93

MH1 T/C

MH2 T/C 103.75

STC T/C 103.69

13.3m 450mmø STORM @ 0.5%

5.0m 300mmø PVC STORM @ 1.0%

95mmø ORIFICE PLATE

19.0m DROPPED CURB PER OPSD 600.040

CBMH3 T/G 103.55

23.1m 450mmø STORM @ 0.5%

CBMH4 T/C 103.45

27.2m 250mmø STORM @ 0.5%

CB1 T/G 103.48

GARBAGE ENCLOSURE

16.5m 450mmø STORM @ 0.5%

CBMH5 T/C 103.45

22.5m 450mmø STORM @ 0.5%

EXISTING BUILDING

NEW 2 STOREY BUILDING F.F.E.= 104.00

PROPOSED 150mmø PVC SANITARY SERVICE @ 2.0%

150mmø SANITARY CLEAN-OUT

15.9m/150mmø PVC SANITARY @ 3.0%

PROPOSED SIAMESE CONNECTION

150mmø FIRE LINE

50mmø DOMESTIC LINE

25.0m 150mmø PVC STORM @ 0.8%

MH4 T/C 103.67

MH3 T/C 103.54

150mmø STORM CLEAN-OUT

SAN. INV. OUT=100.70

14.4m 200mmø PVC SANITARY @ 3.0%

MHA2 T/C=103.54

200mmø PVC WATERMAIN

CONNECT TO EXISTING 300mmø SANITARY CONNECTION TO BE PERFORMED BY HALTON REGION FORCES

CONNECT TO EX. 300mmø WATERMAIN CONNECTION TO BE PERFORMED BY HALTON REGION FORCES

PROPOSED CATCH BASIN SEDIMENT PROTECTION PER DETAIL

100YR PONDING ELEV=103.75 AREA=870m² VOLUME=87.0m³

QUEENSWAY DRIVE

GLENWOOD SCHOOL DRIVE

GUELPH LINE

EX.ST-MH

EX.SAN MH

EX.300mmø SAN SEWER

EX.375mmø CONC. STM @ 0.80%(DWJAN)

EX.525mmø STM SEWER (PLAN)

EX.150mmø WATERMAIN (PLAN)

EX.BELL (PLAN)

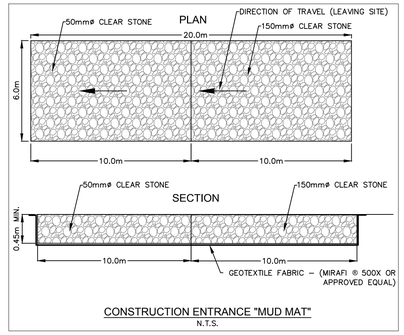
EX.GAS (PLAN)

EX.HYD SEWER ASSUMED ABANDONED (PLAN)

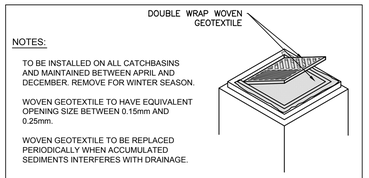
EX.BUILDING ABANDONED (PLAN)

EX.WATERMAIN ABANDONED (PLAN)

HYD



CONSTRUCTION ENTRANCE "MUD MAT"
N.T.S.



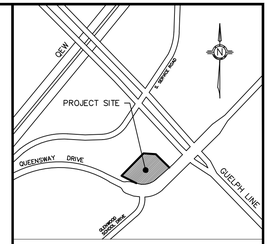
NOTES:

TO BE INSTALLED ON ALL CATCHBASINS AND MAINTAINED BETWEEN APRIL AND DECEMBER. REMOVE FOR WINTER SEASON.

WOVEN GEOTEXTILE TO HAVE EQUIVALENT OPENING SIZE BETWEEN 0.15mm AND 0.25mm.

WOVEN GEOTEXTILE TO BE REPLACED PERIODICALLY WHEN ACCUMULATED SEDIMENTS INTERFERES WITH DRAINAGE.

CATCHBASIN SEDIMENT PROTECTION



KEYMAP - NTS

No.	DATE	DRAWING ISSUE DESCRIPTION
1	JUNE 10/16	FIRST SUBMISSION TO CITY

LEGEND

- EXISTING FIRE HYDRANT
- 103.64 EXISTING ELEVATION
- 103.67 PROPOSED ELEVATION
- 1.9% PROPOSED SLOPE
- STC PROPOSED OIL GRIT SEPARATOR
- CB PROPOSED CATCH BASIN
- CBMH PROPOSED CB MANHOLE
- MH PROPOSED STORM MANHOLE
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED WATERMAIN
- WV PROPOSED WATER VALVE
- PROPOSED CATCH BASIN SEDIMENT PROTECTION
- PROPOSED MAJOR OVERLAND FLOW

BENCHMARK:

ELEVATIONS ARE GEODETIC, DERIVED BY DIFFERENTIAL GPS OBSERVATIONS, AND ARE REFERRED TO THE CAN-NET REFERENCE STATION, HAVING AN ELEVATION OF 200.044m. UTM-17 NORTH CANADA NAD 83 CSRS

ALL DISTANCES & ELEVATIONS SHOWN HEREON ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048.

REGISTERED PROFESSIONAL ENGINEER M. L. STAIRS JUNE 10, 2016 PROVINCE OF ONTARIO

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www.mgm.on.ca

CLIENT:

Riepma CONSULTANTS INC.

PROJECT:

SITE DEVELOPMENT
2477 QUEENSWAY DRIVE,
BURLINGTON ONTARIO

DRAWING:

PRELIMINARY GRADING & SERVICING PLAN

DRAWN BY:	CHECKED BY:	JOB CAPTAIN:
BN	AP	MS
SCALE:	PROJECT NO.:	DATE:
1:200	2016-023	MAY 2016
CURRENT ISSUE:	CURRENT REV:	SHEET NO.:
1	0	CV-1