

- LEGEND:**
- EXISTING GROUND ELEVATION
 - PROPOSED GROUND ELEVATION
 - PROPOSED SWALE ELEVATION
 - PROPOSED ELEVATION TO MATCH EXISTING
 - PROPOSED ELEVATION BY OTHERS
 - PROPOSED DIRECTION OF SHEET FLOW
 - EXISTING CATCHBASIN
 - EXISTING STORM/SANITARY MANHOLE
 - PROPOSED STORM/SANITARY LOT CATCHBASIN
 - PROPOSED STORM/SANITARY MANHOLE
 - PROPOSED CATCHBASIN MANHOLE
 - PROPOSED EMERGENCY OVERLAND FLOW ROUTE
 - PROPOSED SILTATION CONTROL FENCE
 - PROPOSED CATCHBASIN SILT SACK
 - PROPOSED DOUBLE CATCHBASIN
 - PROPOSED DRIVEWAY ENTRANCE

BENCH MARK NOTE:
 MONUMENT 1011767000
 MOUNT HOPE SCHOOL, ALONG AIRPORT ROAD,
 0.6m WEST OF INTERSECTION WITH HIGHWAY NO.
 6, TABLE IN EAST CONCRETE FOUNDATION, 27cm
 NORTH OF CONCRETE STEPS FOR SIDE DOOR, 36cm
 BELOW BROWCHING.
 ELEVATION: 233.03m COVD-1928

NO.	DATE	BY	CHK'D	REVISIONS
2	NOV/18	BB		REVISED PER NEW DRAFT PLAN
1	MAY/18	BB		REVISED PER CITY COMMENTS
DESIGN	BB	CHK'D	SF	DATE
DRAWN	BB	CHK'D	SF	Nov. 1, 17

APPROVALS

STAMP: PROFESSIONAL ENGINEER, CIVIL, S. FRANKOVIC, 1910

STAMP: S. LLEWELLYN & ASSOCIATES LIMITED CONSULTING ENGINEERS

S. LLEWELLYN & ASSOCIATES LIMITED
 CONSULTING ENGINEERS
 3228 South Service Road, Suite #100 East Wap, Burlington, Ont. L7N 3H8
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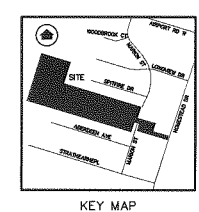
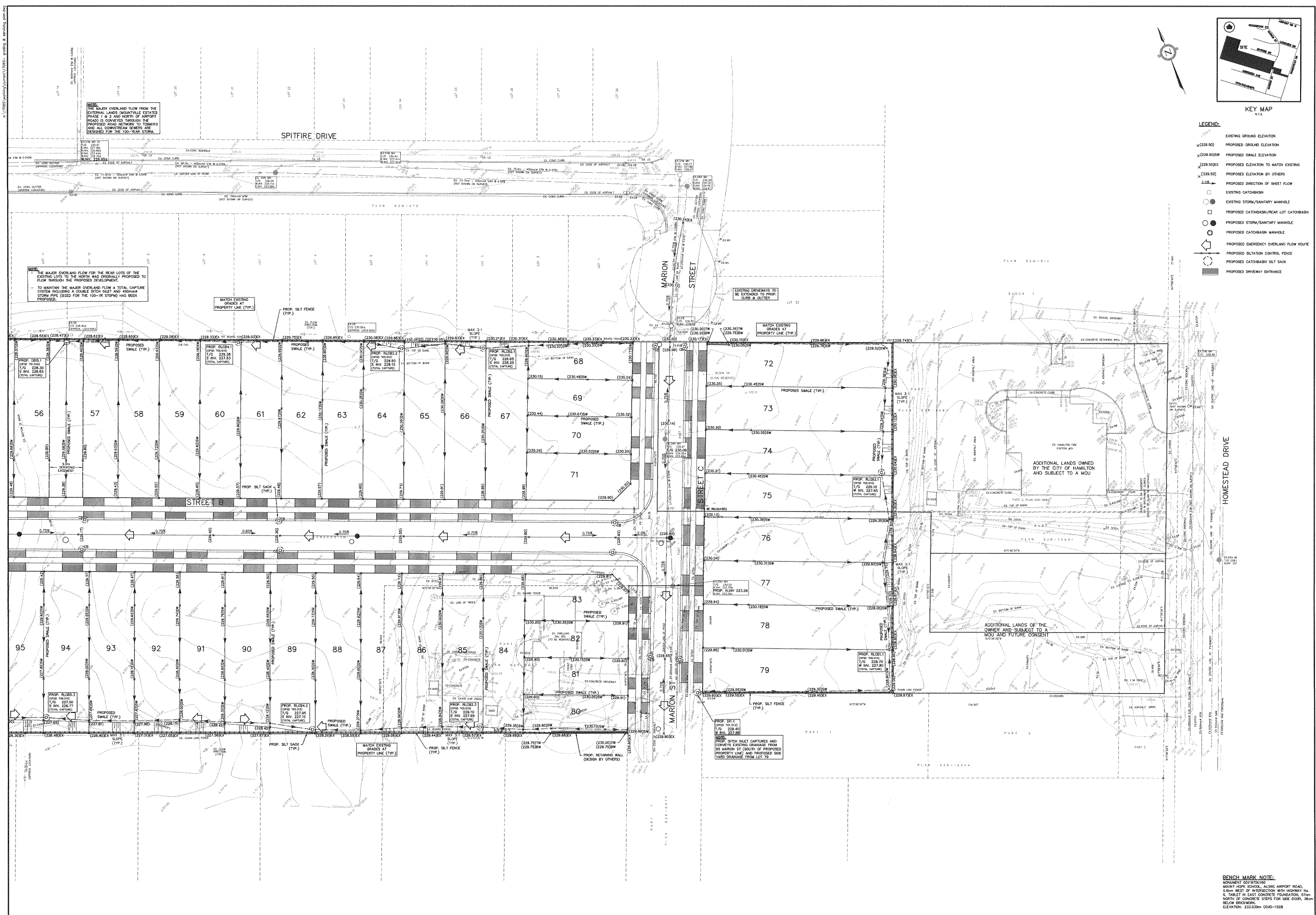
CLIENT:
 BRANTHAVEN MOUNT HOPE INC.
 720 OVAL COURT
 BURLINGTON, ONTARIO

PROJECT NAME:
 MOUNT HOPE DEVELOPMENT
 80 MARION ST & 3306 HOMESTEAD DR
 HAMILTON, ONTARIO

TITLE:
 GRADING & EROSION CONTROL PLAN
 1 OF 2

PROJECT No.: 16108
DRAWING No.: C101

SCALE: 1:300



NO.	DATE	BY	REVISIONS
2	NOV/18	BB	REVISED PER NEW DRAFT PLAN
1	MAY/18	BB	REVISED PER CITY COMMENTS

DESIGN	BB	CHK'D	SF	DATE
DESIGN	BB	CHK'D	SF	Nov. 1, 17
DRAWN	BB	CHK'D	SF	

APPROVALS

(Professional Engineer Seal: S.V. FRANKOVICH, P. ENG., 10000, 10000, 10000)

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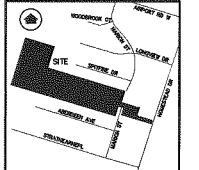
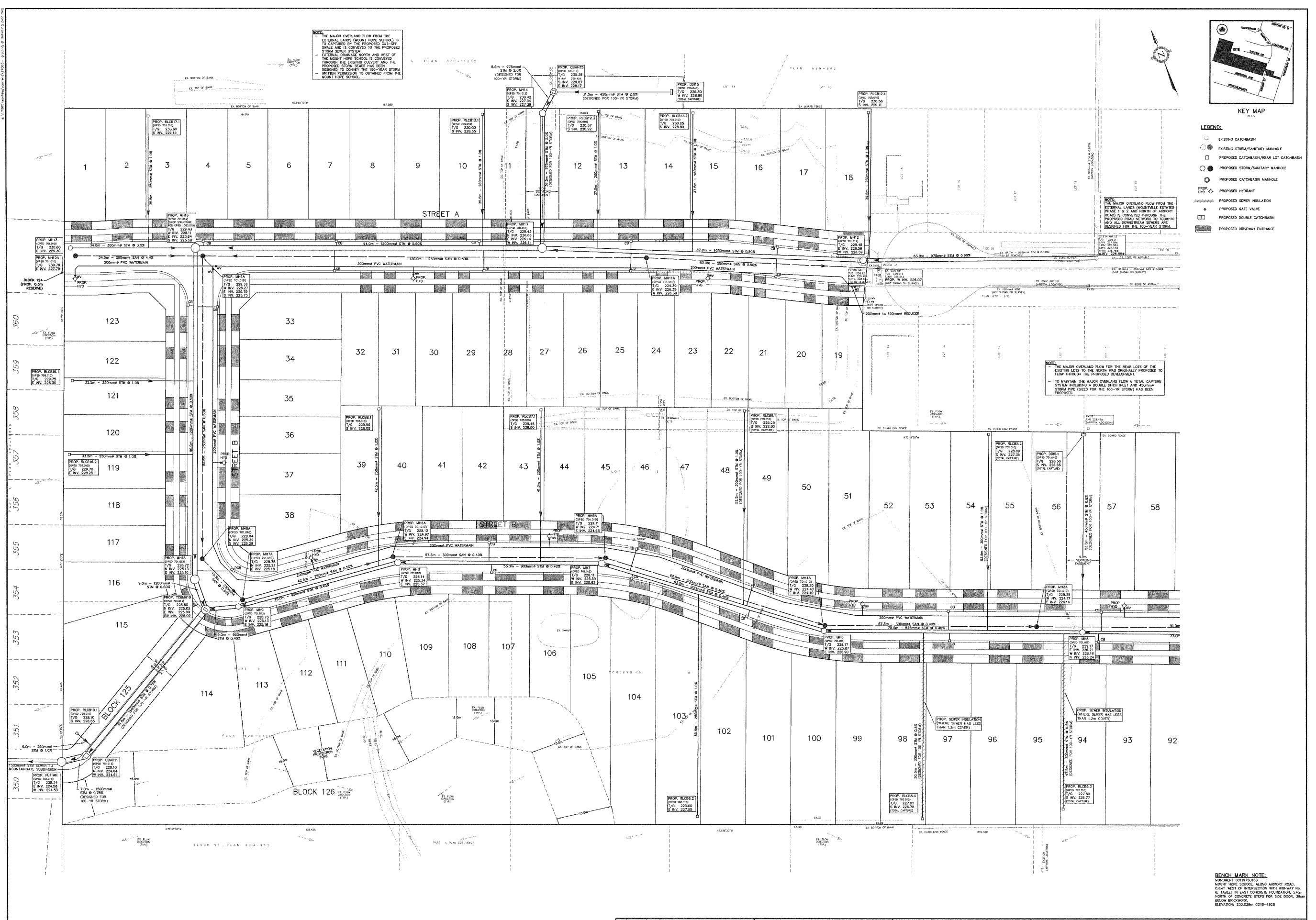
BRANTHAVEN MOUNT HOPE INC.
 720 OVAL COURT
 BURLINGTON, ONTARIO

PROJECT NAME:
MOUNT HOPE DEVELOPMENT
 80 MARION ST. & 3306 HOMESTEAD DR
 HAMILTON, ONTARIO

GRADING & EROSION CONTROL PLAN
 2 OF 2

PROJECT No: 16108
 DRAWING No: C102

SCALE: 1:300



- LEGEND:**
- EXISTING CATCHBASIN
 - EXISTING STORM/SANITARY MANHOLE
 - PROPOSED CATCHBASIN/REAR LOT CATCHBASIN
 - PROPOSED STORM/SANITARY MANHOLE
 - PROPOSED CATCHBASIN MANHOLE
 - PROPOSED HYDRANT
 - PROPOSED SEWER INSULATION
 - PROPOSED GATE VALVE
 - PROPOSED DOUBLE CATCHBASIN
 - PROPOSED DRIVEWAY ENTRANCE

BENCH MARK NOTE:
 MONUMENT COT1767150
 MOUNT HOPE SCHOOL, ALONG AIRPORT ROAD,
 0.8M WEST OF INTERSECTION WITH HIGHWAY No. 8,
 6. TABLE IN EAST CONCRETE FOUNDATION, 57cm
 NORTH OF CONCRETE STEPS FOR SIDE DOOR, 35cm
 BELOW BROWWORK.
 ELEVATION: 233.038m CGVD-1928

NO.	DATE	BY	REVISIONS
2	NOV/18	BB	REVISED PER NEW DRAFT PLAN
1	MAY/18	BB	REVISED PER CITY COMMENTS

APPROVALS

DESIGN	BB	CHK'D	SF	DATE	Nov. 1, 17
DRAWN	BB	CHK'D	SF		

S. LLENGLIN & ASSOCIATES LIMITED
 CONSULTING ENGINEERS

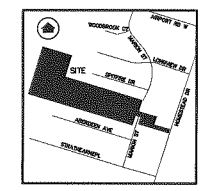
3228 South Service Road, Suite #105 East Wap. Burlington, ON, L7N 3H8
 Tel: (905) 631-6978
 Fax: (905) 631-6927
 email: info@slenglin.ca

BRANTHAVEN MOUNT HOPE INC.
 720 OVAL COURT
 BURLINGTON, ONTARIO

PROJECT NAME
MOUNT HOPE DEVELOPMENT
 80 MARION ST & 3306 HOMESTEAD DR
 HAMILTON, ONTARIO

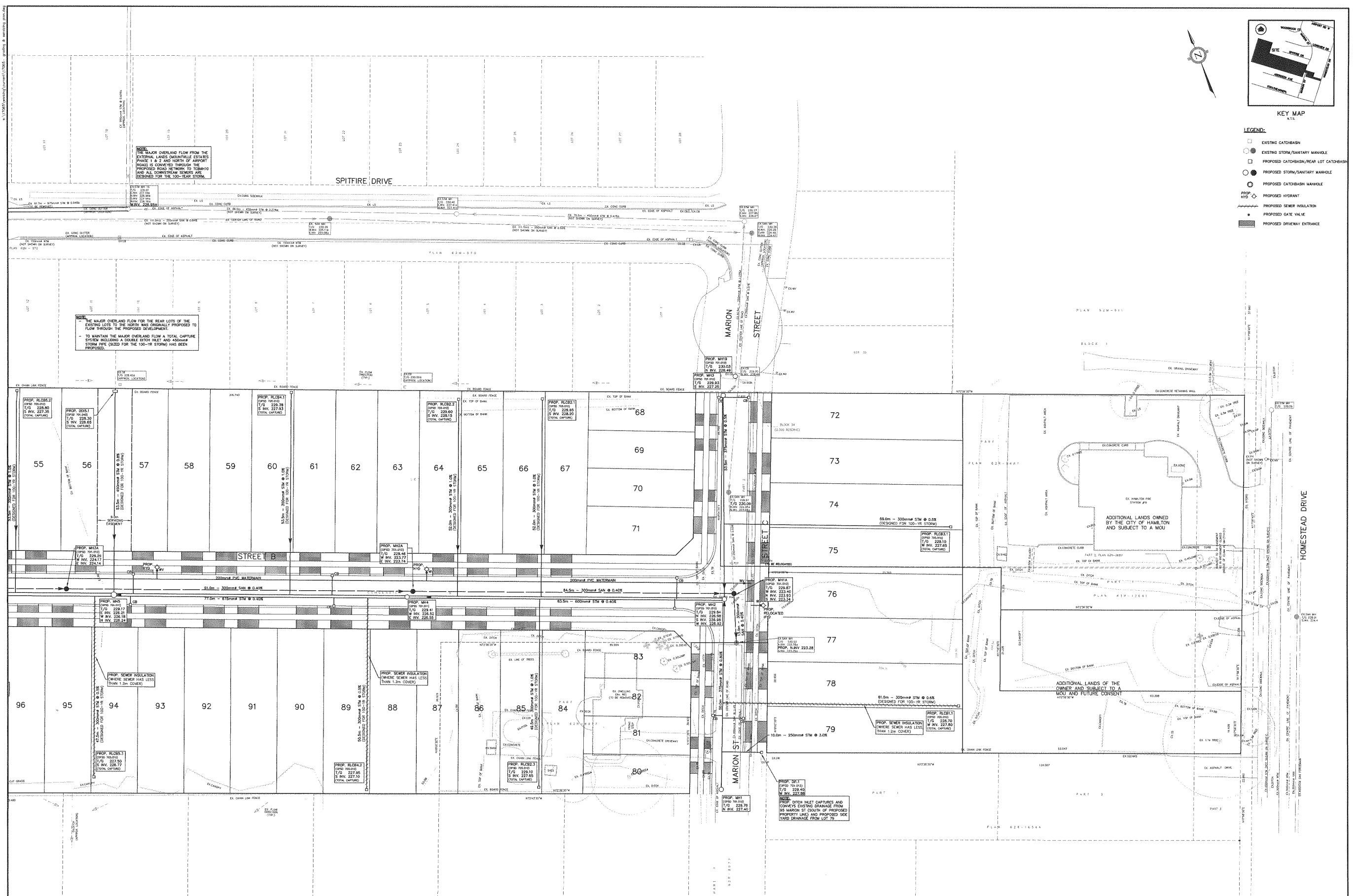
PROJECT No. 17065
 DRAWING No. C103

SCALE: 1:300



KEY MAP

- LEGEND:**
- EXISTING CATCHBASIN
 - EXISTING STORM/SANITARY MANHOLE
 - PROPOSED CATCHBASIN/REAR LOT CATCHBASIN
 - PROPOSED STORM/SANITARY MANHOLE
 - PROPOSED CATCHBASIN MANHOLE
 - PROPOSED HYDRANT
 - PROPOSED SEWER INSULATION
 - PROPOSED GATE VALVE
 - ▬ PROPOSED DRIVEWAY ENTRANCE



BENCH MARK NOTE:
 MONUMENT 001975/160
 MOUNT HOPE SCHOOL ALONG AIRPORT ROAD,
 0.6m WEST OF INTERSECTION WITH HIGHWAY No. 8,
 5. TABLE IN EAST CONCRETE FOUNDATION, 57cm
 NORTH OF CONCRETE STEPS FOR SIDE DOOR, 36cm
 BELOW DRAINAGE.
 ELEVATION: 233.03m CGVD-1985

NO.	DATE	BY	REVISIONS
2	NOV/18	BB	REVISED PER NEW DRAFT PLAN
1	MAY/18	BB	REVISED PER CITY COMMENTS

APPROVALS

STAMP: S.V. FRANKOVICH PROFESSIONAL ENGINEER

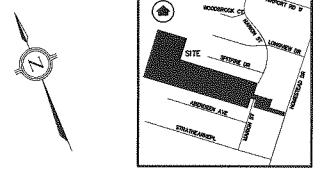
DATE: Nov. 1, 17

S. LLEWELLYN & ASSOCIATES LIMITED
 CONSULTING ENGINEERS

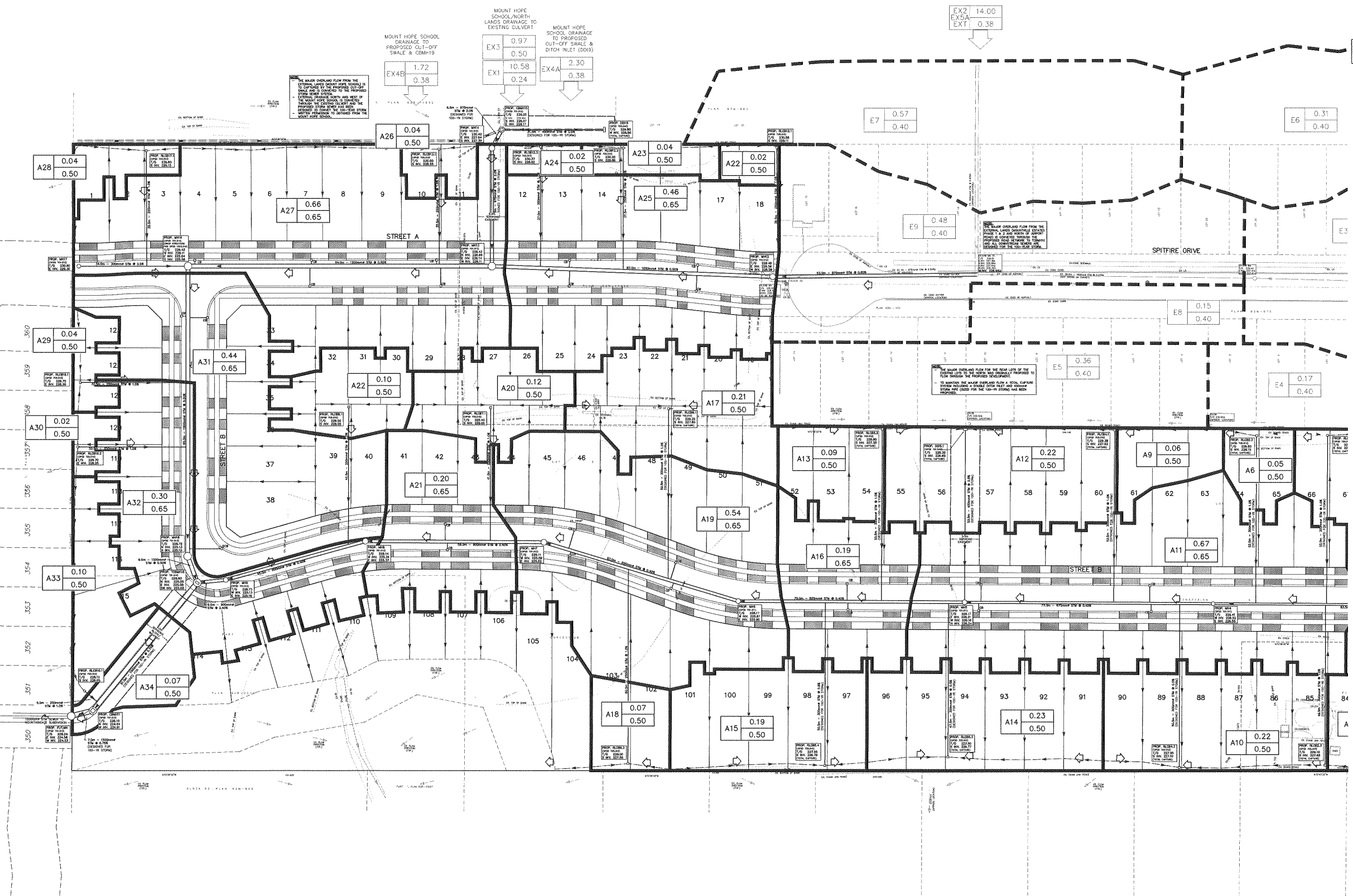
3228 South Service Road, Suite #105 East Wex, Burlington, Ont., L7R 3H8

TEL: (905) 631-8878
 FAX: (905) 631-8827
 WWW: SLEWELLYN.COM

CLIENT BRANTHAVEN MOUNT HOPE INC. 720 OVAL COURT BURLINGTON, ONTARIO	PROJECT No. 16108	DRAWING No. C104
PROJECT NAME MOUNT HOPE DEVELOPMENT 80 MARION ST & 3306 HOMESTEAD DR HAMILTON, ONTARIO	SCALE 1:300	TITLE SERVICING PLAN 2 OF 2



- LEGEND:**
- AREA IN HECTARES
 - RUN-OFF CO-EFFICIENT
 - AREA NUMBER
 - PROPOSED STORM AREA DRAINAGE BOUNDARY
 - EXISTING STORM AREA DRAINAGE BOUNDARY
 - EMERGENCY OVERLAND FLOW ROUTE



BENCH MARK NOTE:
 MONUMENT E011701610
 MOUNT HOPE SCHOOL, ALONG AIRPORT ROAD,
 0.8M WEST OF INTERSECTION WITH HIGHWAY No.
 6, TABLET IN EAST CONCRETE FOUNDATION, 37M
 NORTH OF CONCRETE STEPS FOR SIDE DOOR, 35cm
 BELOW BROOKWORK.
 ELEVATION: 233.039m COVD-1928

NO.	DATE	BY	REVISIONS
2	NOV/18	BB	REVISED PER NEW DRAFT PLAN
1	MAY/18	BB	REVISED PER CITY COMMENTS

DESIGN	CHK'D	SF	DATE
BB	CHK'D	SF	Oct. 25, 17
BB	CHK'D	SF	

APPROVALS

Stamp: PROFESSIONAL ENGINEER, S. LLEWELLYN & ASSOCIATES LIMITED, S.V. FRANKOVICH, PROFESSIONAL ENGINEER OF ONTARIO

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 Fax: (905) 831-8827
 email: info@slae.ca
 3228 South Service Road, Suite #105 East Wap, Burlington, Ont. L7M 3H4

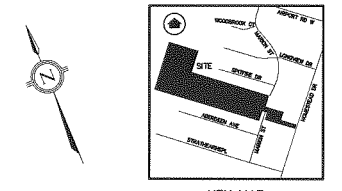
CLIENT:
 BRANTHAVEN MOUNT HOPE INC.
 720 OVAL COURT
 BURLINGTON, ONTARIO

PROJECT NAME:
 MOUNT HOPE DEVELOPMENT
 80 MARION ST & 3306 HOMESTEAD OR
 HAMILTON, ONTARIO

TITLE:
 STORM DRAINAGE AREA PLAN
 1 OF 2

PROJECT No.: 17055
DRAWING No.: DAP-1

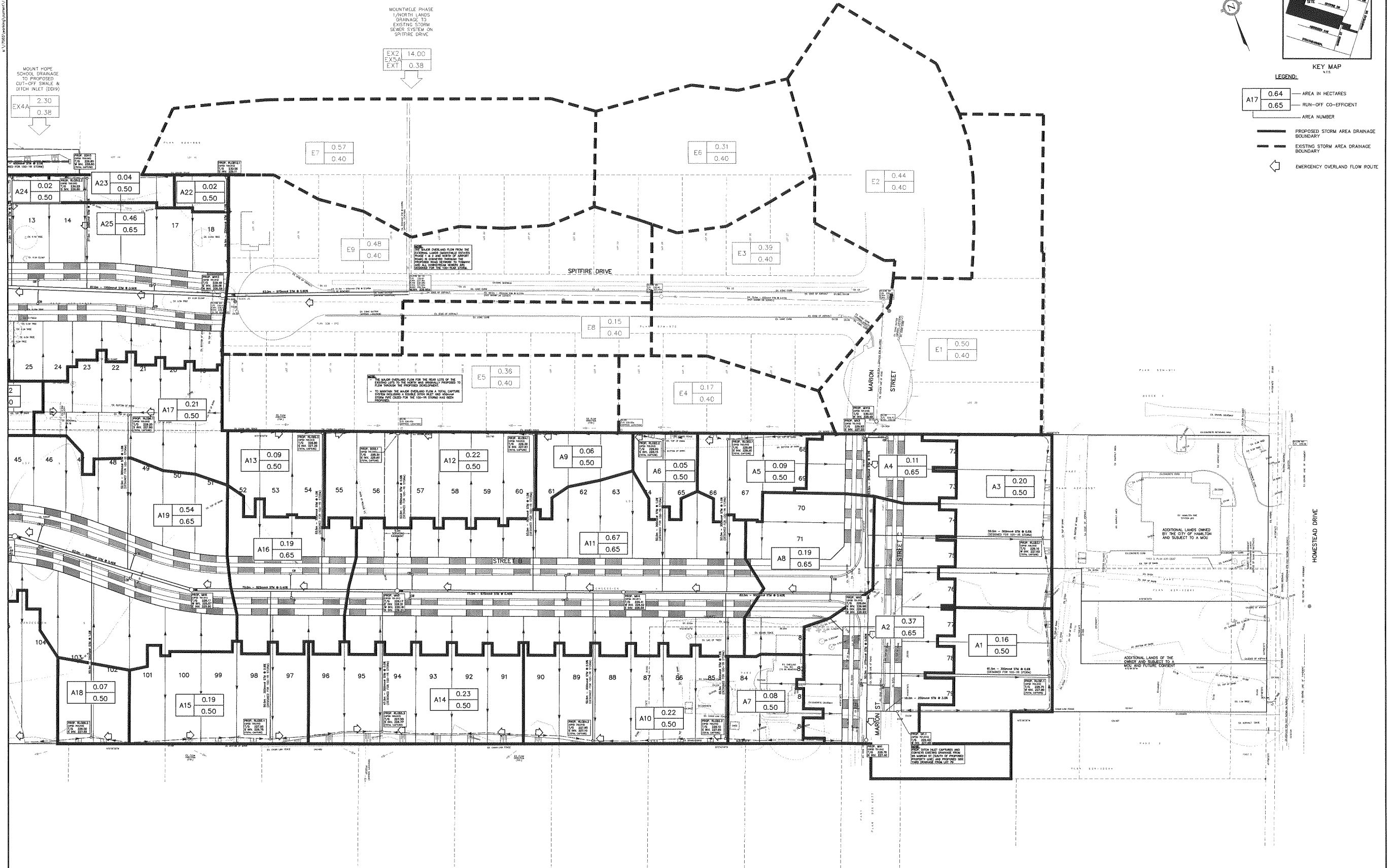
SCALE: 1:400



LEGEND:

A17	0.64	AREA IN HECTARES
	0.65	RUN-OFF CO-EFFICIENT
		AREA NUMBER

PROPOSED STORM AREA DRAINAGE BOUNDARY
 EXISTING STORM AREA DRAINAGE BOUNDARY
 EMERGENCY OVERLAND FLOW ROUTE



BENCH MARK NOTE:
 MONUMENT 2019/75160
 MOUNT HOPE SCHOOL, ALONG AIRPORT ROAD,
 0.4km WEST OF INTERSECTION WITH HIGHWAY No. 8,
 TABLE IN EAST CONCRETE FOUNDATION, 57cm
 NORTH OF CONCRETE STEPS FOR SIDE DOOR, 36cm
 BELOW BROWNING.
 ELEVATION: 233.03m CGVD-1928

NO.	DATE	BY	CHK'D	REVISIONS
2	NOV/18	BB		REVISED PER NEW DRAFT PLAN
1	MAY/18	BB		REVISED PER CITY COMMENTS

DESIGN: BB CHK'D: SF DATE: Oct. 25, 17
 DRAWN: BB CHK'D: SF

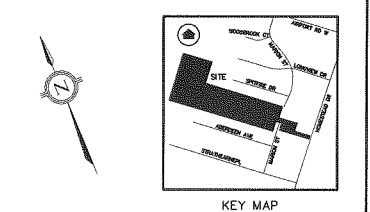
APPROVALS

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BRANTHAVEN MOUNT HOPE INC.
 720 OVAL COURT
 BURLINGTON, ONTARIO

MOUNT HOPE DEVELOPMENT
 80 MARION ST & 3306 HOMESTEAD DR
 HAMILTON, ONTARIO

PROJECT No. 17065
 SCALE: 1:400
 TITLE: STORM DRAINAGE AREA PLAN 2 OF 2
 DRAWING No. DAP-2



LEGEND:

S1	0.10	AREA IN HECTARES
	60	POPULATION DENSITY (PERSON PER HECTARE)
		AREA NUMBER

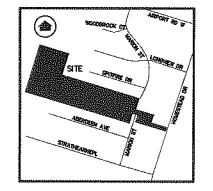
——— PROPOSED SANITARY AREA DRAINAGE BOUNDARY
 - - - - - EXISTING SANITARY AREA DRAINAGE BOUNDARY



BENCH MARK NOTE:
 MONUMENT 0011975/160
 MOUNT HOPE SCHOOL, ALONG AIRPORT ROAD,
 0.6m WEST OF INTERSECTION WITH HIGHWAY No. 4,
 TABLE IN EAST CONCRETE FOUNDATION, 57cm
 NORTH OF CONCRETE STEPS FOR SEE DOOR, 36cm
 BELOW BENCHMARK.
 ELEVATION: 233.03m COVID-1928

APPROVALS 2. NOV/18 BB REVISED PER NEW DRAFT PLAN 1. MAY/18 BB REVISED PER CITY COMMENTS NO. DATE BY REVISIONS DESIGN BB CHK'D SF DATE DRAWN BB CHK'D SF Oct. 25, 17				CLIENT: BRANTHAVEN MOUNT HOPE INC. 720 OVAL COURT BURLINGTON, ONTARIO PROJECT NAME: MOUNT HOPE DEVELOPMENT 80 MARION ST. & 3306 HOMESTEAD DR HAMILTON, ONTARIO PROJECT No: 17065 DRAWING No: DAP-3 SCALE: 1:300	TITLE SANITARY DRAINAGE AREA PLAN 1 OF 2
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DRAINAGE FROM MOUNTVILLE PHASE 1

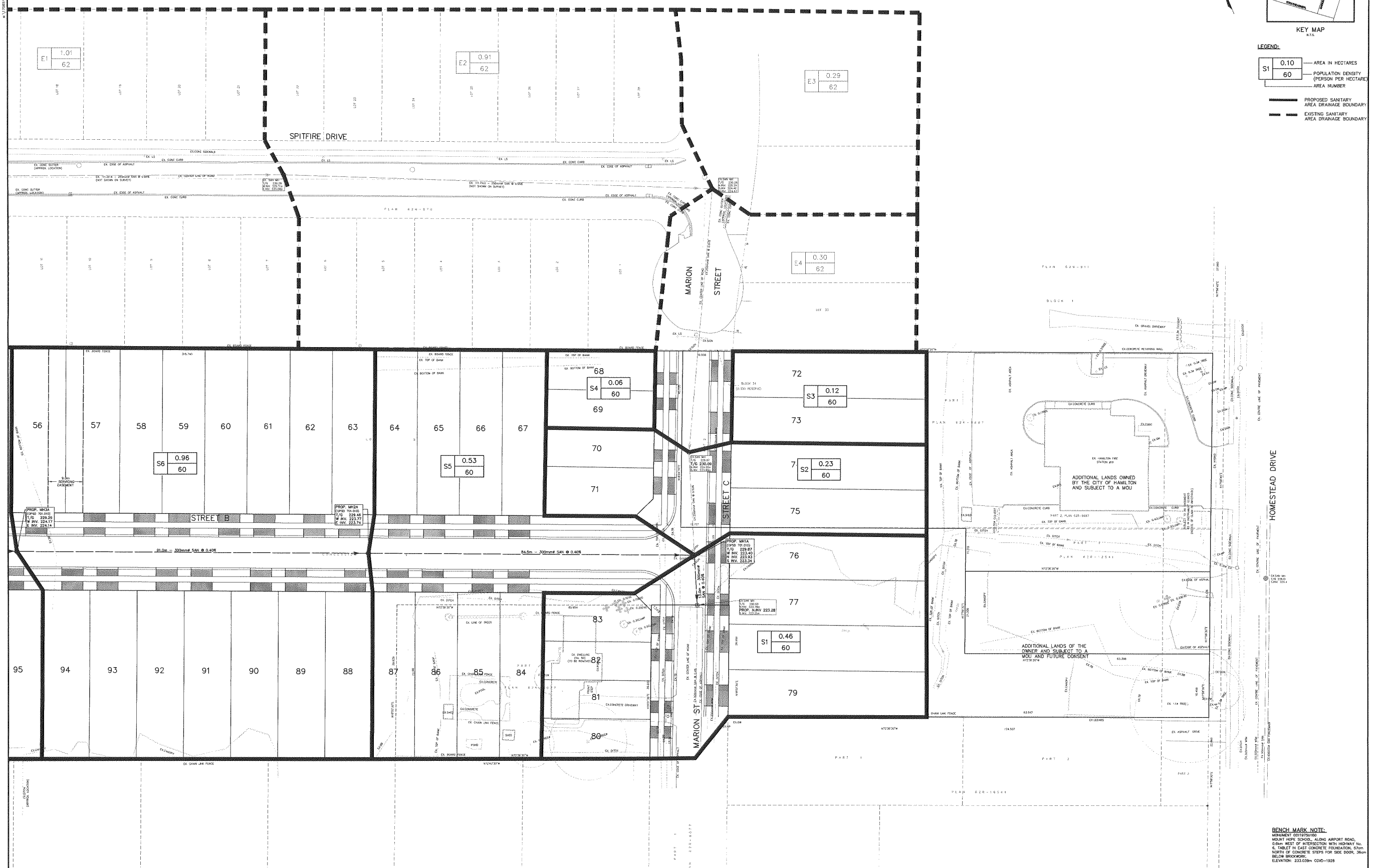


KEY MAP

LEGEND:

S1	0.10	AREA IN HECTARES
	60	POPULATION DENSITY (PERSON PER HECTARE)
		AREA NUMBER

— PROPOSED SANITARY AREA DRAINAGE BOUNDARY
 - - - EXISTING SANITARY AREA DRAINAGE BOUNDARY



BENCH MARK NOTE:
 MONUMENT 0019750160
 MOUNT HOPE SCHOOL, ALONG AIRPORT ROAD,
 0.6m WEST OF INTERSECTION WITH HIGHWAY No. 8,
 8' TABLE IN EAST CONCRETE FOUNDATION 57cm
 NORTH OF CONCRETE STEPS FOR SIDE DOOR, 35cm
 BELOW BROOMWORK
 ELEVATION: 233.03m CGVD-1928

NO.	DATE	BY	CHK'D	REV.	REVISIONS
2	NOV/18	BB			REVISED PER NEW DRAFT PLAN
1	MAY/18	BB			REVISED PER CITY COMMENTS

DESIGN	BB	CHK'D	SF	DATE
DRAWN	BB	CHK'D	SF	Oct. 25, 17

APPROVALS

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 CONSULTING ENGINEERS
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 Tel: (905) 431-6976
 Fax: (905) 431-8027
 www.sllaw.com

CLIENT: BRANTHAVEN MOUNT HOPE INC.
 720 OVAL COURT
 BURLINGTON, ONTARIO

PROJECT NAME: MOUNT HOPE DEVELOPMENT
 80 MARION ST & 3306 HOMESTEAD DR
 HAMILTON, ONTARIO

PROJECT No. 17065
 DRAWING No. DAP-4

SCALE: 1:300