

CITY OF BURNABY

TRAFFIC AND TRANSPORTATION COMMITTEE
(TRAFFIC SAFETY DIVISION)

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

RE: 2002 LIP SPEED HUMP PROGRAM

RECOMMENDATIONS:

1. **THAT** Council approve the requests for speed humps on all the roads discussed in the *attached* report through the year 2002 LIP, subject to wider resident consultation for the 4th Street program.
2. **THAT** a copy of this report be sent to the residents who requested inclusion of their street in the year 2002 LIP speed hump initiative.

REPORT

The Traffic and Transportation Committee (Traffic Safety Division), at its meeting held on 2002 March 05, received and adopted the *attached* report to review applications for the 2002 Speed Hump Program and recommend streets that could proceed to LIP processing.

Respectfully submitted,

Councillor D. Evans
Chair

Councillor B. Der
Vice Chair

Councillor G. Begin
Member

**: COPY - CITY MANAGER
- DIRECTOR ENGINEERING**

City of Burnaby

INTER-OFFICE COMMUNICATION

TO: TRAFFIC SAFETY COMMITTEE

FROM: ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENGINEERING SYSTEMS

DATE: 2002 02 25

FILE: 70-04-26

SUBJECT: 2002 LIP SPEED HUMP PROGRAM

PURPOSE: To review applications for the 2002 Speed Hump Program and recommend streets that could proceed to LIP processing

RECOMMENDATION:

1. **THAT** the requests for speed humps on all the roads discussed in this report be advanced through the year 2002 LIP, subject to wider resident consultation for the 4th Street program.
2. **THAT** a copy of this report be sent to the residents requesting inclusion of their street in the year 2002 LIP speed hump initiative.

REPORT

1.0 INTRODUCTION

Over the course of 2001, staff have been contacted by a number of Burnaby residents inquiring about the installation of speed humps along their roadways and we have outlined the process for implementation to them. Of those, a total of 7 individuals have expressed a desire to initiate the LIP process through a formal request.

2.0 BACKGROUND

As directed by Council, the installation of speed humps is administered under the existing Local Improvement Program, and subsequently fully resident funded. The placement of speed humps is limited only to local residential streets. The humps are spaced at

approximately 100m intervals. The City consults emergency services prior to installing speed humps and residents are told that these devices will have some impact on response times to affected roadways and adjoining streets. Before a project is included in the program it is also reviewed by the Traffic Safety Committee to ensure that it would not unduly impact other residents in the area.

3.0 REVIEW

The table below indicates the proposed locations for speed hump installations, and the corresponding limits of each.

TABLE 1: 2002 LIP Speed Hump Location Requests

Street	Limits		Diagram	Recommend
Irmin St.	Patterson Ave.	McKay Ave	A	YES
Balmoral St.	Sperling Ave.	Colborne Ave.	B	YES
Stride Ave.	Britton St.	16 th St.	C	YES
14 th Ave.	Cumberland St.	Wright St.	D	YES
4 th St.	13 th Ave.	16 th Ave.	E	YES (following wider resident consultation)
Napier St.	Fell Ave.	Kensington Ave.	F	YES
12 th Ave.	Cumberland St.	Wright St.	G	YES
12 th Ave.	Newcombe St.	Wright St.	H	YES

The proposals along 12th Avenue, both have been added to the list of roads to be considered for speed hump installation in 2002 following a survey in which the majority of respondents expressed support for speed hump installation.

Staff have contacted the Burnaby Fire Department to ensure that any of the proposed location for speed hump installation would not adversely affect Fire Department response. Although they have not expressed unequivocal opposition to any of the proposed speed hump installations listed, they have reiterated their concern regarding the cumulative effect such

devices have on response times, the potential for damage to department vehicles and increased maintenance costs. The proposed 12th Avenue scheme has been identified as slowing East-West response given that parallel higher order streets (10th and 16th Avenue) are quite busy.

4.0 DISCUSSION

The Burnaby Transportation Plan does not identify any of the roads under consideration as higher order collectors. The implementation of speed humps on the majority of roads being considered should have no significant impact on the traffic patterns of the wider neighbourhood given the availability of alternative routes to residents who object to driving over humps.

However, some question remains as to the appropriateness of installing humps on the portion of 4th Street. We believe it serves local collector function for the immediate neighbourhood traffic that may not wish to take access to the Major Road network directly via 6th Street. Accordingly, staff recommend that this roadway be considered for inclusion on the 2002 LIP Speed Hump Program only following favourable consultation with residents along the intersecting roadways potentially impacted by speed hump installation. The limits of the proposed survey have been illustrated in the attached Diagram I.

5.0 RECOMMENDATIONS

Staff recommend that all the roadways currently under consideration for inclusion within the 2002 LIP Speed Hump Program be advanced to the next formal stage of the process except for 4th Avenue. This proposal is recommended subject to a successful outcome to the wider area consultation associated with the portion of 4th Street in question.

ASST. DIRECTOR ENGINEERING,
TRAFFIC & ENG. SYSTEMS

AE:

cc: City Manager

PATTERSON AVE.

4109	4129	4149	4169	4189	4209	4225	4241	4257	4275	4291
4110	4130	4150	4170	4190	4208	4226	4240	4258	4278	4292

IRMIN ST.

7426	4125	4141	4157	4175	4191	4203	4209	4229	4251	4269	7441
4120	4132	4150	4170	4190	4208	4224	4238	4250	4264	4278	4292

WATLING ST.

MCKAY AVE.



Irrim St (Patterson - McKay)

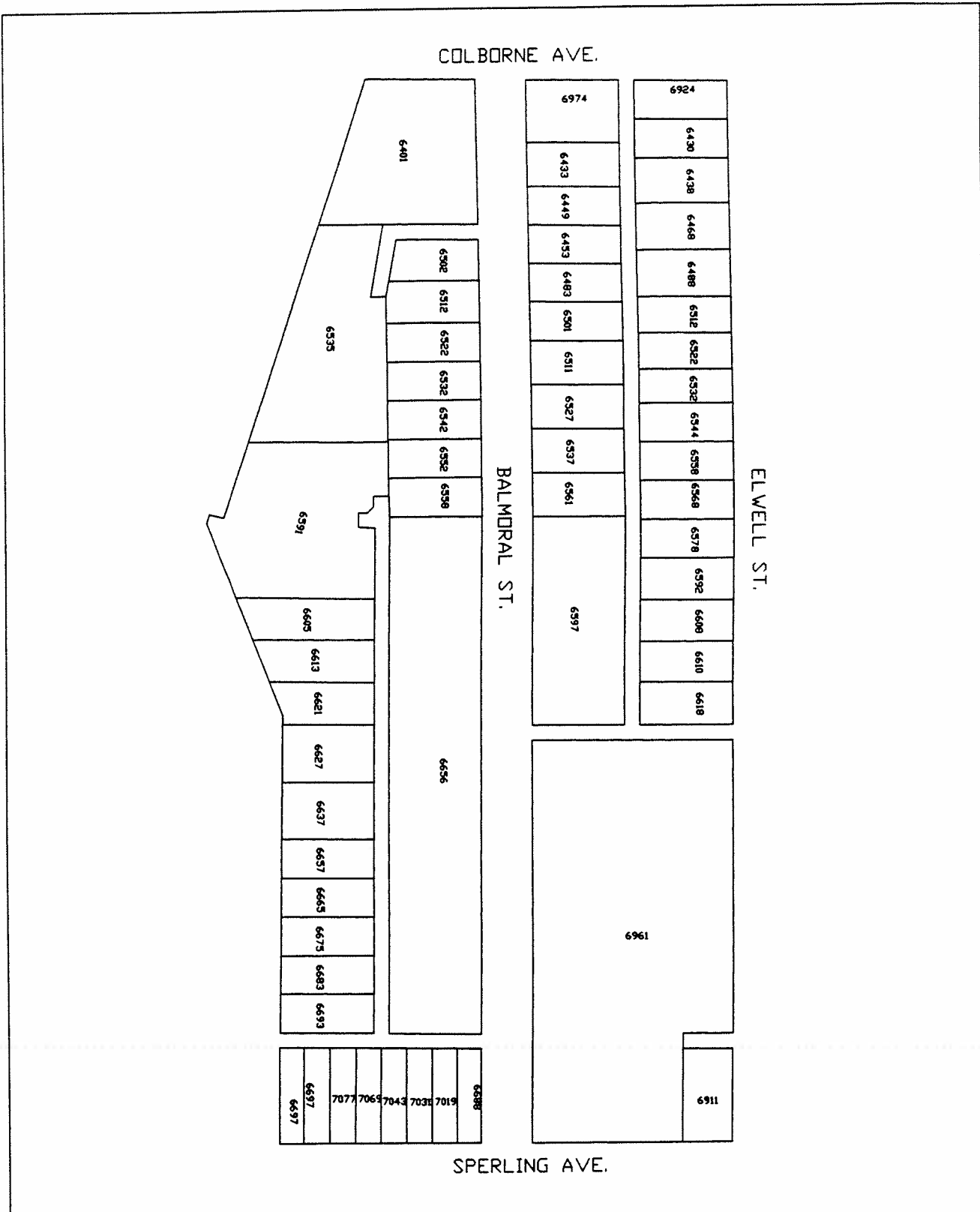
DRAWN BY: A.K.E

SCALE: N.T.S.

APPRV'D BY: P.L.

DATE: 02/02/13

A

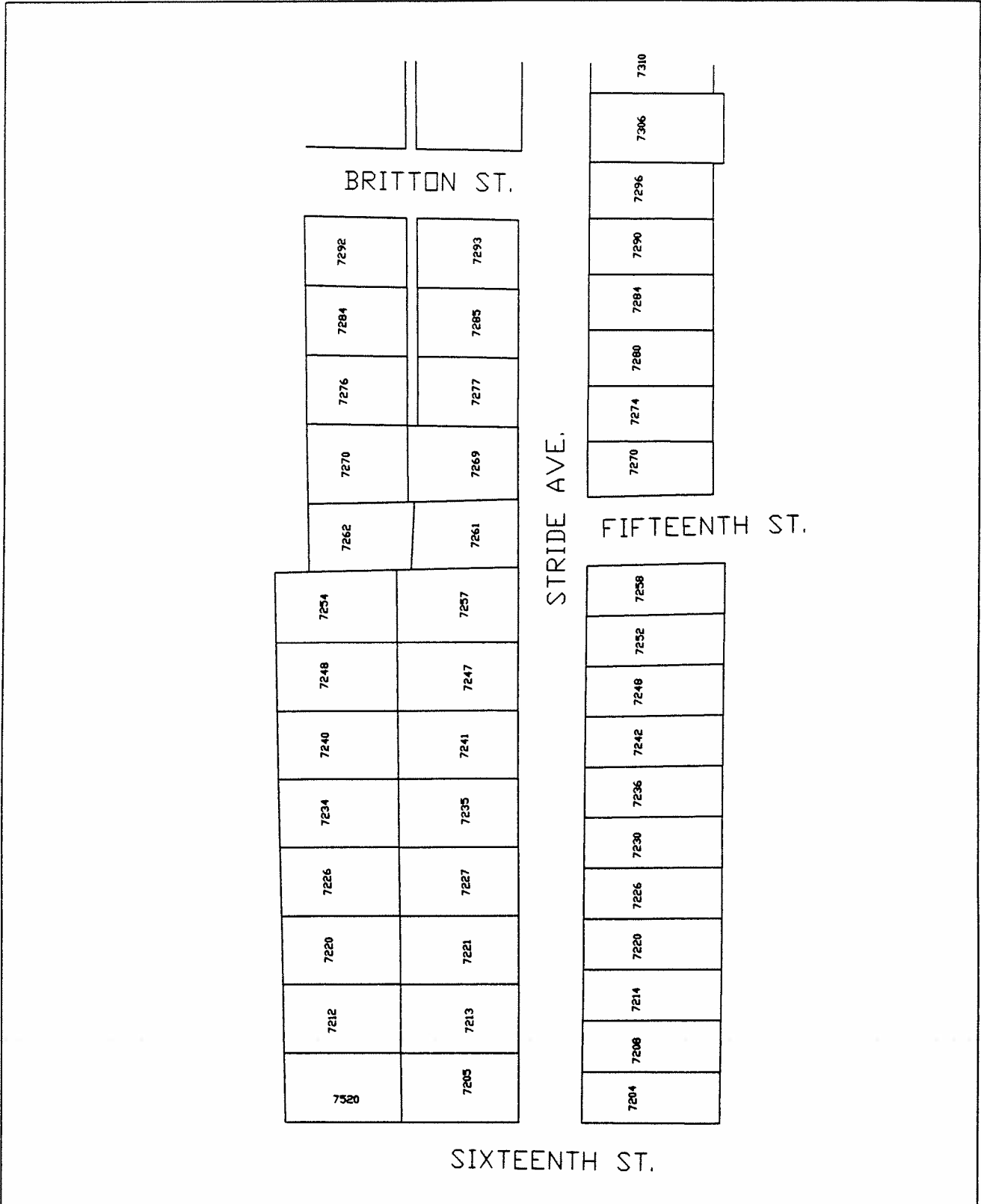


Balmoral St (Colborne Ave - Sperling Ave)

DRAWN BY: A.K.E
APPR'V'D BY: P.L.

SCALE: N.T.S.
DATE: 02/02/13

B



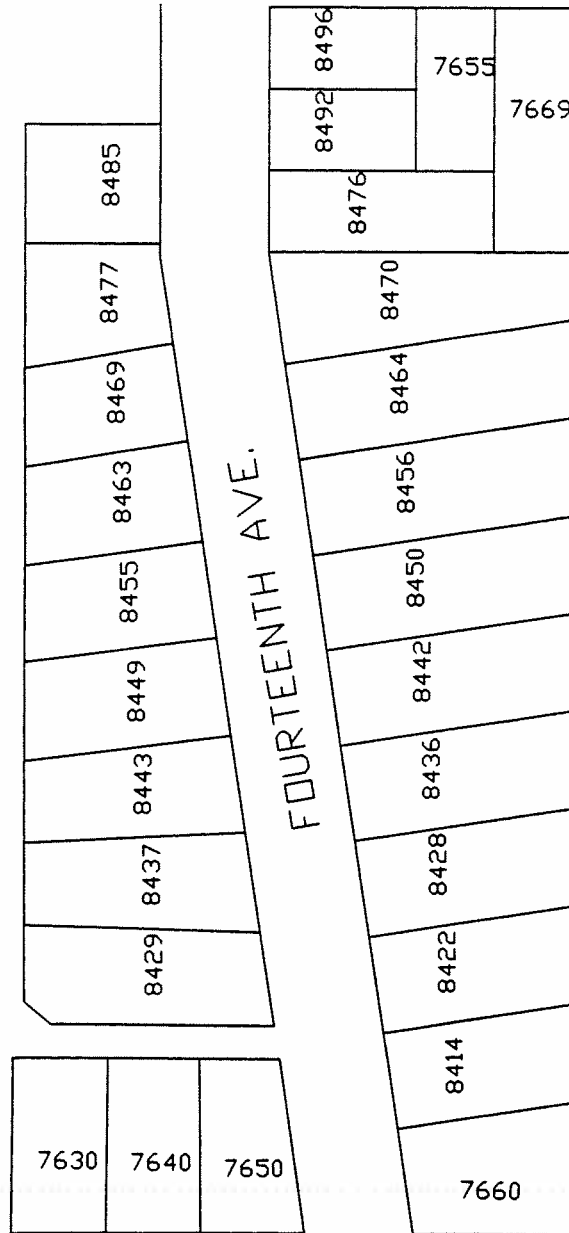
Stride Ave (16th Ave - Britton Ave)

DRAWN BY: A.K.E
APPR'V'D BY: P.L.

SCALE: N.T.S.
DATE: 02/02/13

C

CUMBERLAND ST.



WRIGHT ST.



14th Ave (Cumberland - Wright)

DRAWN BY: A.K.E

SCALE: N.T.S.

APPR'V'D BY: P.L.

DATE: 02/02/13

D

7960	7964	7966	7972	7976	7980	7984	7988	7992
7963	7969	7975	7981	7987	7547			

SIXTEENTH AVE.

8006	8010	8016	8020	8026	8030	8036
7556						

7964	7968	7974	7980	7986	7990	7577
7963	7967	7973	7581			

7578	8019	8023	8027	8029	8031	8035
8005	8011					

FIFTEENTH AVE.

8002	8008	8012	8018	8024	8032	8036
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7964	7968	7974	7980	7986	7992	7998
7963	7967	7973	7979	7985	7991	

8001	8007	8011	8017	8025	8031	8035
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FOURTEENTH AVE.

7656	8012	8018	8024	8032	8036
7666					

7964	7968	7974	7980	7986	7996	7665	
7963	7967	7973	7979	7983	7987	7991	7997

8001	8011	8017	8023	8031	8035
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THIRTEENTH AVE.

FOURTH ST.

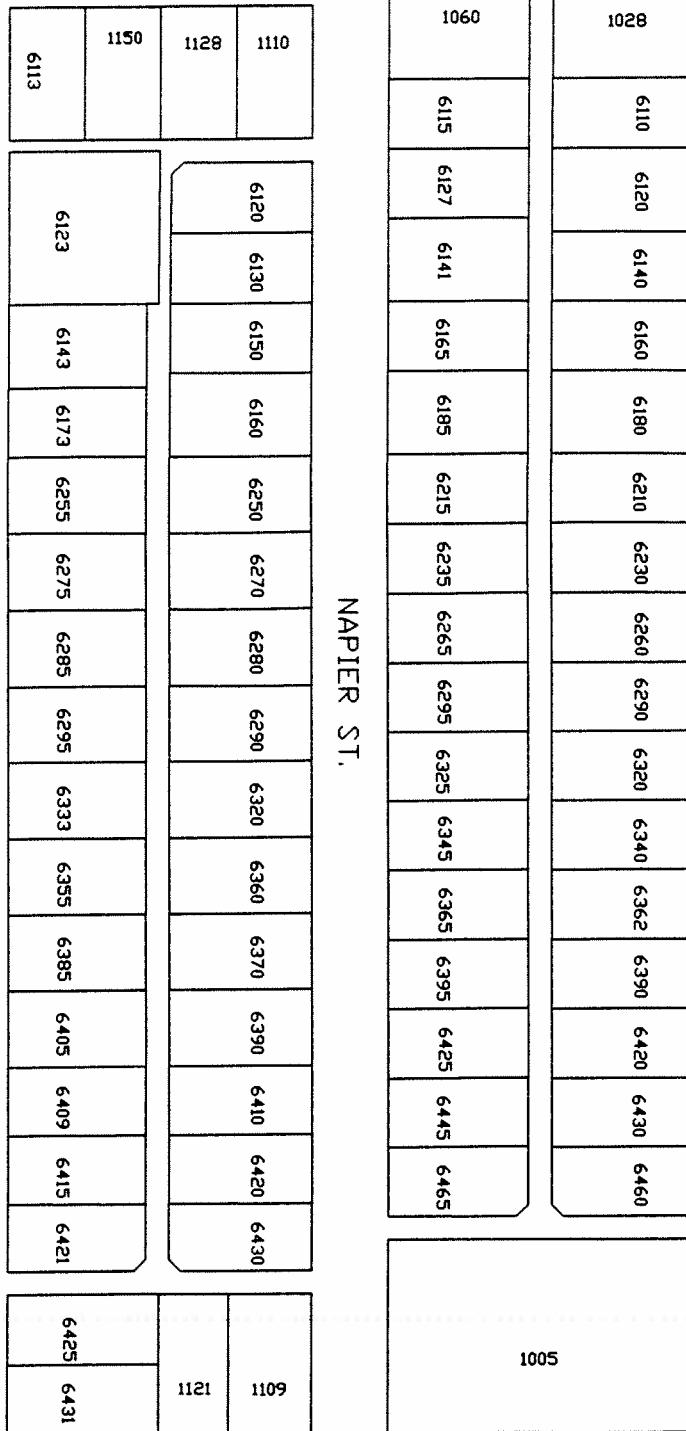


4th St (16th Ave - 13th Ave)

DRAWN BY: A.K.E SCALE: N.T.S.
 APPR'V'D BY: P.L. DATE: 02/02/13

E

FELL AVE.



KENSINGTON AVE.



Napier St (Kensington Ave - Fell Ave)

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APPR'V'D BY: P.L.

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F



WRIGHT ST.

7757	7777	7787
8371		
8365		
8353		
8349		
8339		
8331		
8323		
7766		

8398
8390
8382
8378
8372
8364
8352
8348
8338
8330
8322
8314
8306

NEWCOMBE ST.



City of
Burnaby
ENGINEERING DEPARTMENT

12th Ave
(Newcombe St. to Wright St.)

DRAWN BY: A.K.E

SCALE: N.T.S.

APPRV'D BY: P.L.

DATE: 02/02/13

G

CUMBERLAND ST.

7735	8489
	8481
	8475 8475
	8469 8469
	8463 8463
	8455 8455
	8454 8454
	8448 8448
	8444 8444
	8432 8432
	8424 8424
	8418 8418
	8412 8412
	8406 8406

← GEORGE H LEAF PARK →

TWELFTH AVE.

7811
8488
8480
8474
8468
8462
8454
8448
8444
8432
8424
8418
8412
8406

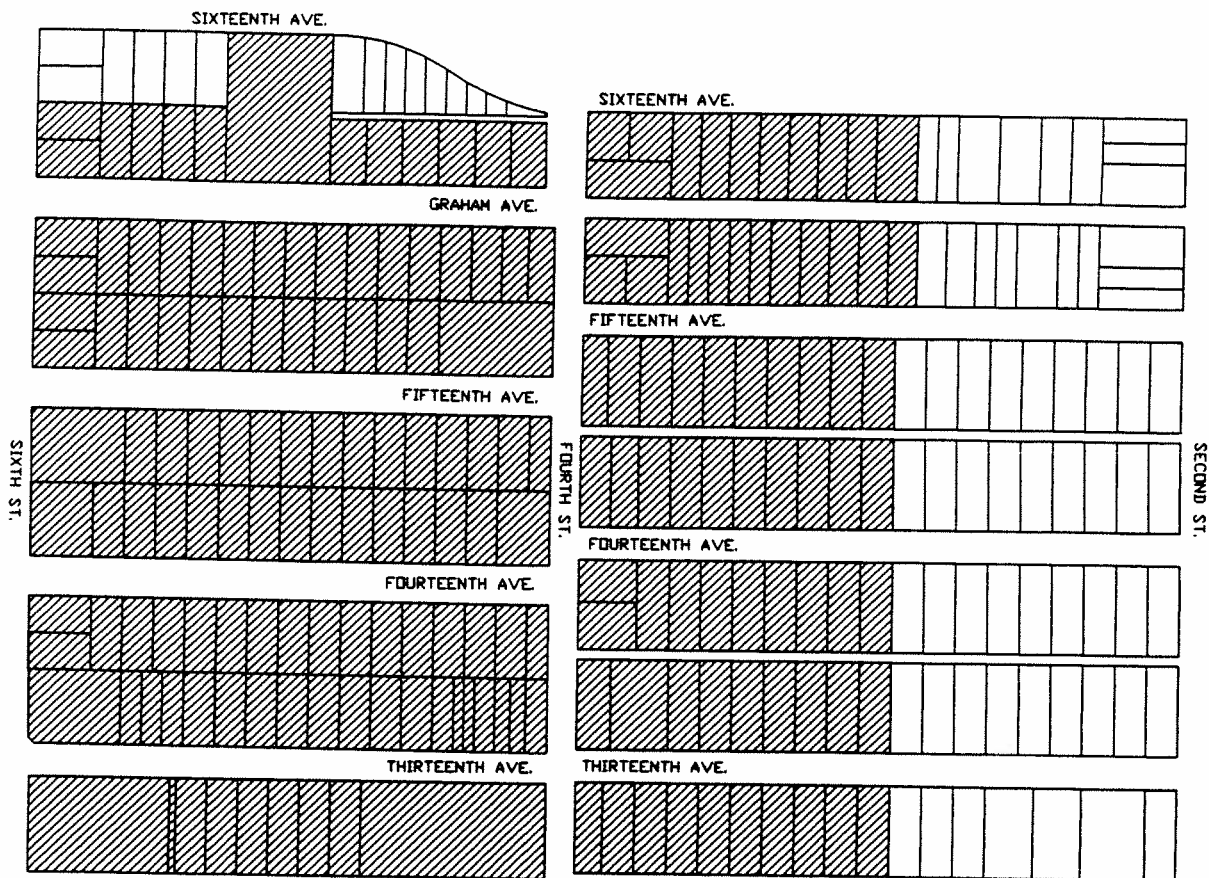
WRIGHT ST.




12th Ave
(Cumberland St. to Wright St.)

DRAWN BY: A.K.E	SCALE: N.T.S.
APPRV'D BY: P.L.	DATE: 02/02/13

H



 Resident Consultation Area



4th Street Resident Consultation
Area Boundaries

DRAWN BY: A.K.E

SCALE: N.T.S.

APPR'V'D BY: P.L.

DATE: 02/02/13

I

