



## BOARD OF VARIANCE REFERRAL LETTER

<b>DATE:</b> Jan 13, 2015	<b>DEADLINE:</b> February 9, 2016 for the March 3, 2016 hearing	<i>This is <u>not</u> an application. Please take letter to Board of Variance. (Clerk's office - Ground Floor)</i>
<b>NAME OF APPLICANT:</b> Karmjit Sanghera		
<b>ADDRESS OF APPLICANT:</b> 7069 125A St, Surrey V3W 1T5		
<b>TELEPHONE:</b> 604.537.1851		
<b>PROJECT</b>		
<b>DESCRIPTION:</b> New two family dwelling		
<b>ADDRESS:</b> 7774 / 76 16 <sup>th</sup> Ave		
<b>LEGAL:</b>	<b>LOT:</b> 21	<b>DL:</b> 28
		<b>PLAN:</b> 19626

The above mentioned application, which includes the attached plan of the proposal, has been refused by the Building Department on the basis of contravention of:

**Zone/Section(s) R5 [105.9]**  
of the Burnaby Zoning Bylaw No. 4742

**COMMENTS:**

The applicant is proposing to build a new two family dwelling. The following relaxation is being requested.

- 1) The front yard setback, to the window seats, will be 22.13 feet where a minimum front yard setback of 27.36 feet is required based on front yard averaging. The overhang projects 1.5 feet beyond the window seat.

*Note: The applicant recognizes that should the project contain additional characteristics in contravention of the zoning by-law a future appeal(s) may be required.*

BHS

Peter Kushnir  
Deputy Chief Building Inspector

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JAN 13 2016

## LANE

### BUILDING DEPARTMENT

#### DIVISION B - PART 9

##### NOTES:

1. WRITTEN DRAWINGS SHALL HAVE PREFERENCE OVER SCALLED DIMENSIONS.
2. CONTRACTORS SHALL VERIFY ALL ON-SITE CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK.
3. CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF THE BRITISH COLUMBIA BUILDING CODE, 2012 EDITION.
4. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF C.S.A. 3. A23.1 LATEST EDITION.
5. CONCRETE STRENGTH AT 28 DAYS, MINIMUM.
6. ALL REINFORCING AND WIRING SHALL CONFORM TO C.B.C. BUILDING CODE PART 9 AND DESIGN TO CSA LATEST EDITION.
7. ALL FRAMING LUMBER SHALL BE DOUGLAS FIR #2 OR BETTER. SHALL BE DRY-DIMMED AND SEALED IN WOOD TRAVERSE STRIPS IN C.G.S. DOUGLAS FIR CONFORM TO CSA O.121 LATEST EDITION.
8. OWNER IS RESPONSIBLE FOR THE STRUCTURAL ENGINEERING REQUIREMENTS.
9. ALL DIMENSIONS ARE TO BE CHECKED ON SITE BEFORE WORK COMMENCES.

##### REQUIRED MAXIMUM THERMAL CHARACTERISTICS (CLIMATE ZONE 4)

AS PER BC 3.2 & 7.40.03

ITEM/SECTION	U VALUES W/m²°C	U VALUES W/m²°C	U VALUES W/m²°C
STRUCTURE	0.20	0.20	0.20
DOORS	0.20	0.20	0.20
WINDOWS	0.20	0.20	0.20
ROOF	0.20	0.20	0.20
GARAGE	0.20	0.20	0.20
WALLS	0.20	0.20	0.20
FLOOR	0.20	0.20	0.20
STAIRS	0.20	0.20	0.20
CEILINGS	0.20	0.20	0.20

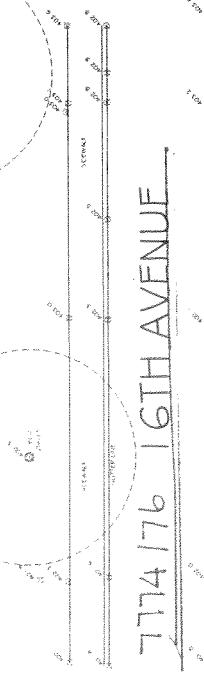
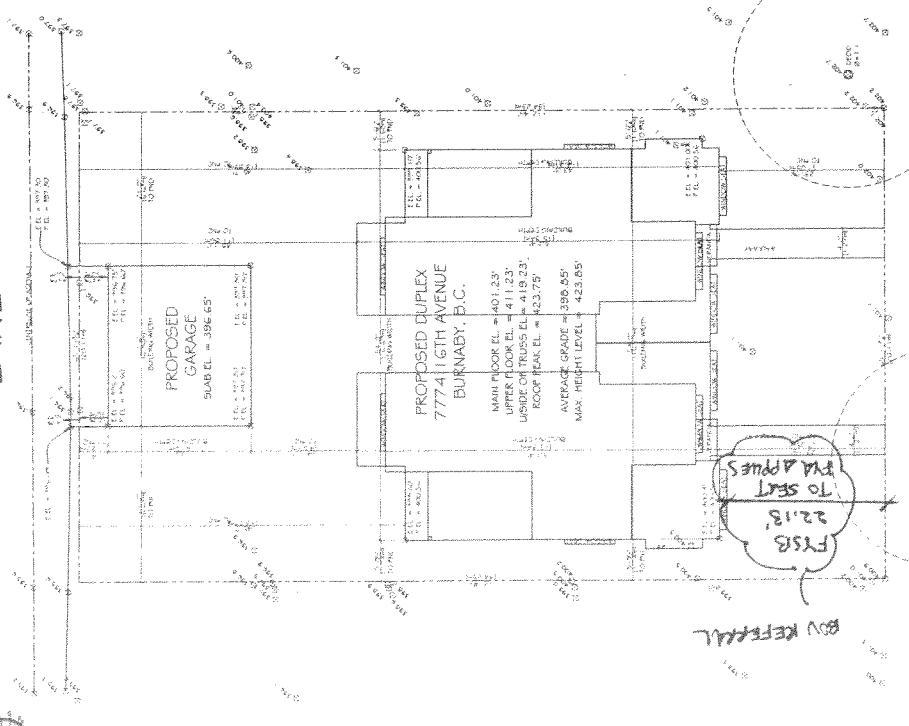
##### REQUIRED MINIMUM EFFECTIVE THERMAL RESISTANCE OF EXISTING FLOORS (CLIMATE ZONE 4)

AS PER BC 3.2 & 7.40.03

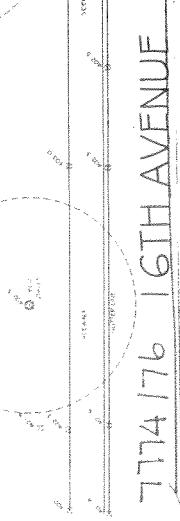
ITEM/SECTION	NET U VALUES W/m²°C	NET U VALUES W/m²°C	NET U VALUES W/m²°C
STRUCTURE	0.20	0.20	0.20
DOORS	0.20	0.20	0.20
WINDOWS	0.20	0.20	0.20
ROOF	0.20	0.20	0.20
GARAGE	0.20	0.20	0.20
WALLS	0.20	0.20	0.20
FLOOR	0.20	0.20	0.20
STAIRS	0.20	0.20	0.20
CEILINGS	0.20	0.20	0.20

##### AREA STATEMENT

LOT AREA: 741.7 SQ. FT.	PROPOSED: 2562 SQ. FT.	PERMITTED: 1166 SQ. FT.	PROPOSED: 1166 SQ. FT.	PERMITTED: 107 AVENUE
LOT COVERAGE: 69.40%				TEL: (604) 511-4343
				FAX: (604) 511-4373
				PROPOSED DUPLEX
				7774 16TH AVENUE BURNABY
				B.C.
				PHONE:
				WEB:
				SITE PLAN • NOTES
				NAME: RAJ TORRA
				DATE: JAN 2016
				A1



SITE PLAN  
SCALE: 1:64

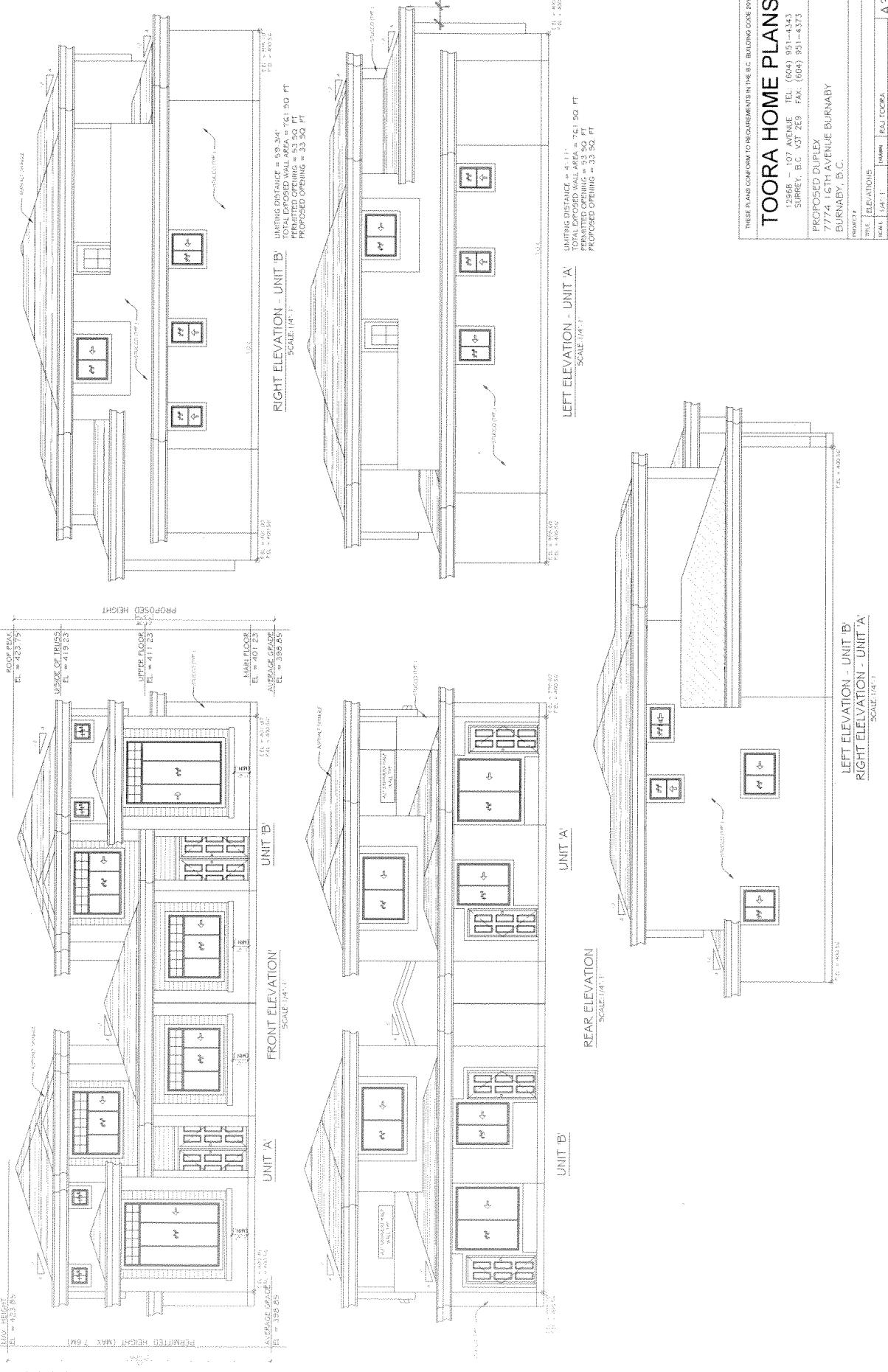


COMPLIANCE PATH CHOSEN:	
PREScriptive METHOD AS PER SECTION 9.36.2.9.36.4 of B.C.C.	
HEATING: IN-FLOOR RADIANT HEAT SYSTEM WITH HEV FOR VENTILATION	

TOORA HOME PLANS	
12568 - 107 AVENUE, BURNABY, B.C.	
PROPOSED DUPLEX	
7774 16TH AVENUE BURNABY, B.C.	
PHONE: 604-511-4343	
FAX: 604-511-4373	

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BUILDING DEPARTMENT



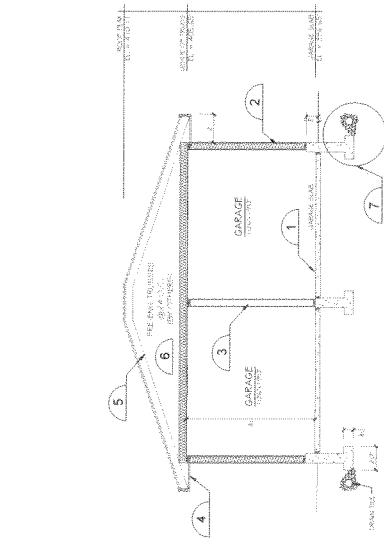
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BUILDING DRAFTKMENT

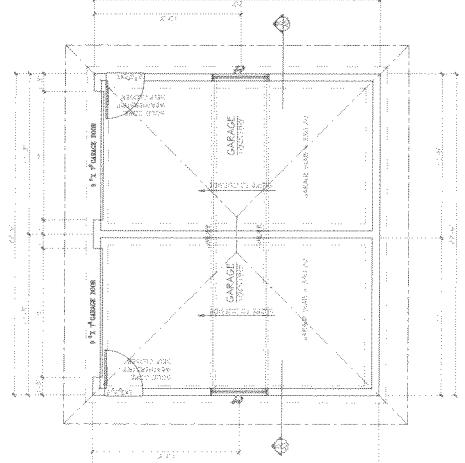
CONSTRUCTION SPECIFICATIONS

1. MAIN ROOF SLAB  
Overall thickness 4" to 6" concrete or equivalent. Slope 1:12. Maximum thickness 6". Minimum thickness 4".
2. EXTERIOR WALLS  
Structural frame with exterior insulation and finish system (EIFS) or similar. Maximum height 15'. Maximum wall thickness 12".
3. INTERIOR PARTITIONS  
Structural frame with drywall or gypsum board. Maximum height 10'.
4. TRUSS ROOF  
Truss roof system with a minimum pitch of 1:12. Maximum height 10'.
5. EAVES  
Minimum eave height 6' above grade. Maximum overhang 4'.
6. GUTTER SYSTEM  
Gutter system with downspouts. Maximum height 10'.
7. FOUNDATION  
Poured concrete foundation with a minimum thickness of 8" and a maximum height of 10'.



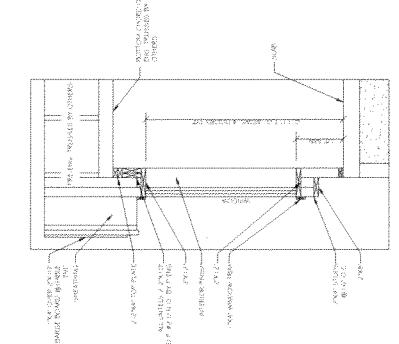
GARAGE SECTION

NOTE: SEE FIG. A4 FOR CONSTRUCTION DETAILS.



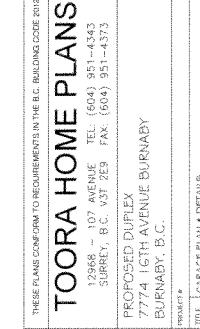
GARAGE PLAN

SCALE: 1/4"



WINDOW SEAT DETAIL

SCALE: 1/2"

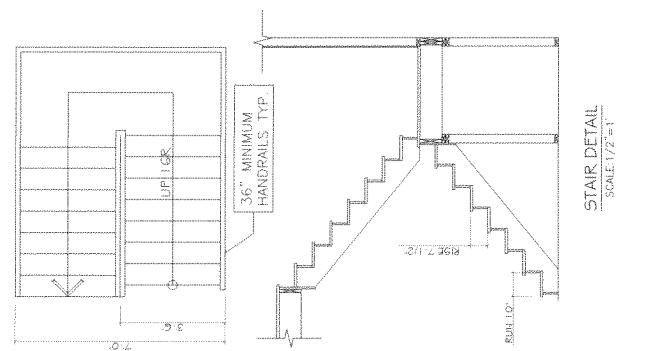


TOORA HOME PLANS

12668 - 107 AVENUE TEL: (604) 551-4343  
SURREY, B.C. V3T 2E9 FAX: (604) 551-4373

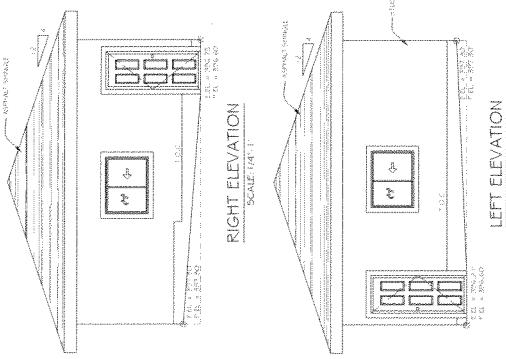
PROPOSED DUPLEX  
BURNABY, B.C.

FIGURE	NAME	SCALE	DETAIL	NOTE
A5	TOORA	1/4"		



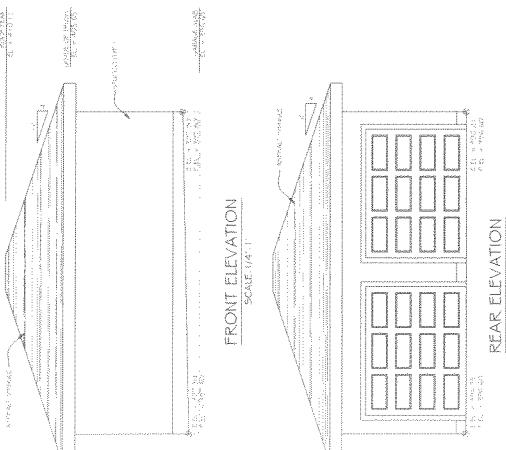
STAIR DETAIL

SCALE: 1/2"



LEFT ELEVATION

SCALE: 1/4"



REAR ELEVATION

SCALE: 1/4"

THESE PLANS CONFORM TO REQUIREMENTS IN THE B.C. BUILDING CODE 2012

**BRITISH COLUMBIA LAND SURVEYOR'S SITE SURVEY PLAN OF  
LOT 21 DISTRICT LOT 28 GROUP 1 N.W.D. PLAN 19626**

P.I.D. 003-091-333

For Building Design Purposes  
Scale: 1 inch = 16 feet

Current Civic Address:  
7774 Sixteenth Avenue  
Burnaby, B.C.

**LEGEND**

- (IP) ● ....denotes iron post
- (LP) ■ ....denotes lead plug
- (g) ....denotes gutter

Notes:

- All dimensions are in feet.
- Property line dimensions are based on legal field survey.
- This Site Plan adheres to city's Tree By-law.

- Elevations are based on City of Burnaby integrated monument 94H1417 elevation = 391.33 ft (119.278m).

**Building Envelope in R5 zoning:**

adjacent lot average:

House 7533 setback = 28.12 ft  
House 7754/7758 setback = 26.13 ft  
House 7768/7770 setback = 26.97 ft  
House 7788/7790 setback = 28.23 ft

Front yard = average = 27.36 ft

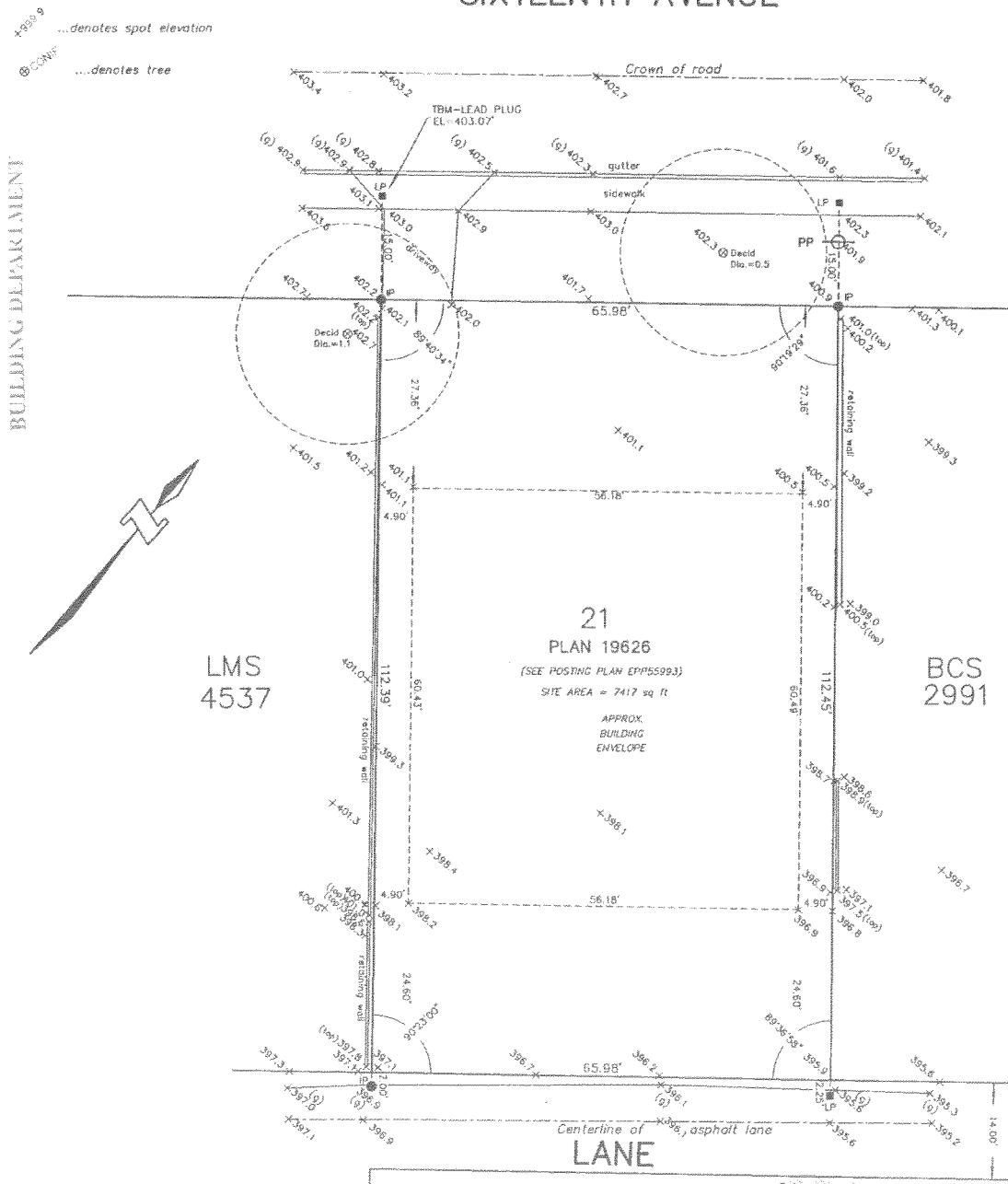
Rear yard = minimum = 24.6

Building depth = remainder = 60.68 feet

Side yard = 4.9 ft. min.

It is the contractor's responsibility  
to verify applicable zoning category  
and setback requirements.

# SIXTEENTH AVENUE



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DHALIWAL AND ASSOCIATES  
LAND SURVEYING INC.  
216-12899 76th Avenue  
Surrey, B.C. V3W 1E6  
Phone: 604 501-6189  
Fax: 604 501-6189  
File: 1506111-T01

HOUSE DESIGNER TO CONFIRM  
BUILDING ENVELOPE

THIS DOCUMENT IS NOT VALID UNLESS  
ORIGINAL SIGN AND SEALED

LORIN LEVAG B.C.L.S. 881