410 HEATHER STREET

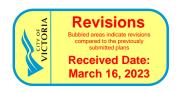
RESUBMITTED FOR: REZONING AND DEVELOPMENT PERMIT

DATE: MARCH 13, 2023

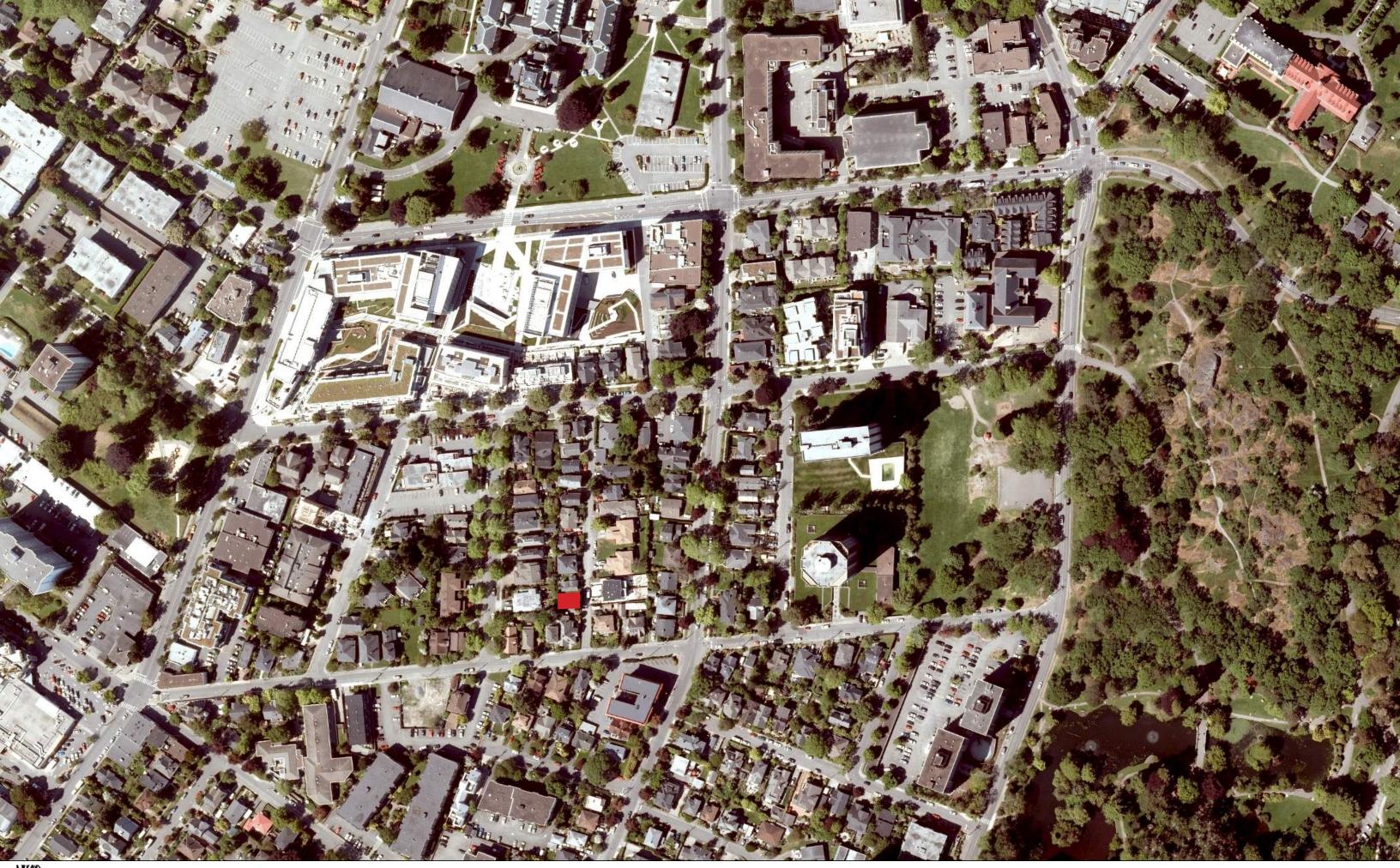
ARCHITECT: LOW HAMMOND ROWE ARCHITECTS INC Roya Darvish, Architect AIBC royadarvish@lhra.ca t: 250-472-8013 x212

OWNER: Heather Frankson CIVIL ENGINEER: J.E. Anderson & Associates Ross Tuck, P.Eng rtuck@jeanderson.com t: (250) 727-2214





ARBORIST: Talbot MacKenzie & Asssociates Tom Talbot tom@talmack.ca t: 250-479-8733



CONTEXT PLAN



LOCATION PLAN

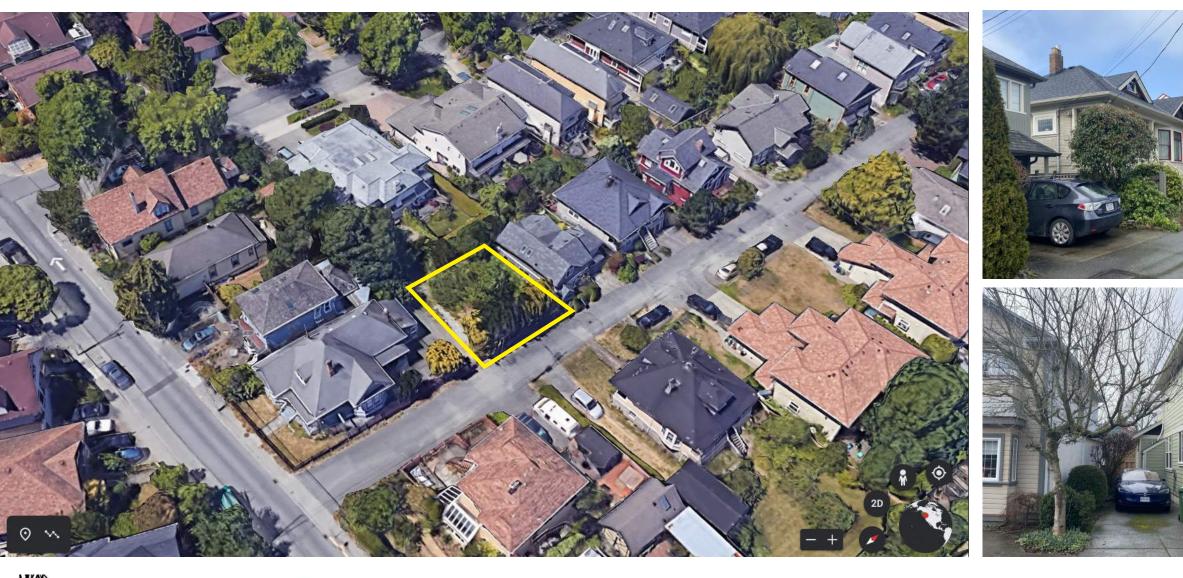




588 TORONTO ST @ HEATHER ST



410 HEATHER STREET



414-416 HEATHER STREET



SURROUNDING CONTEXT

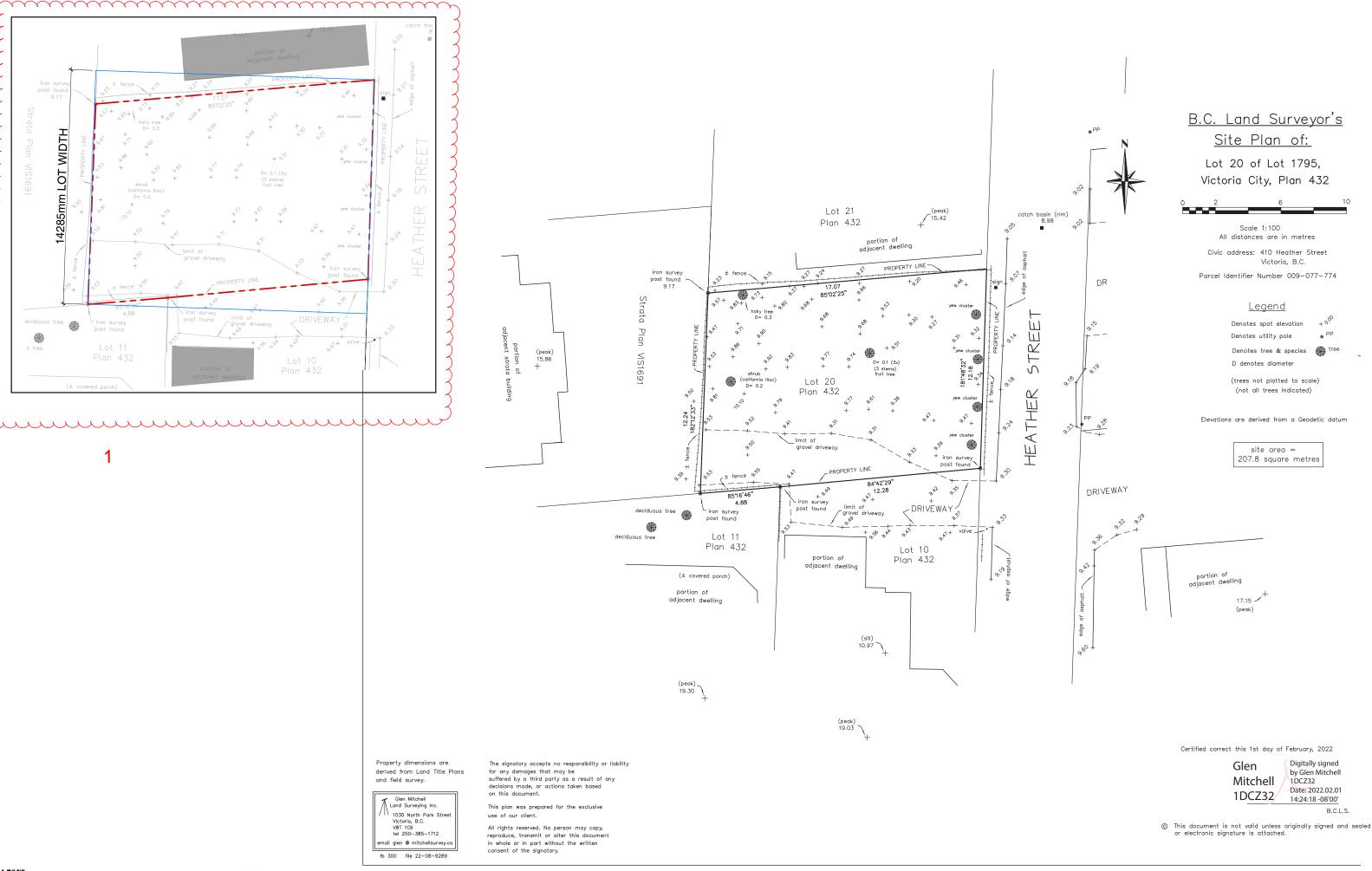


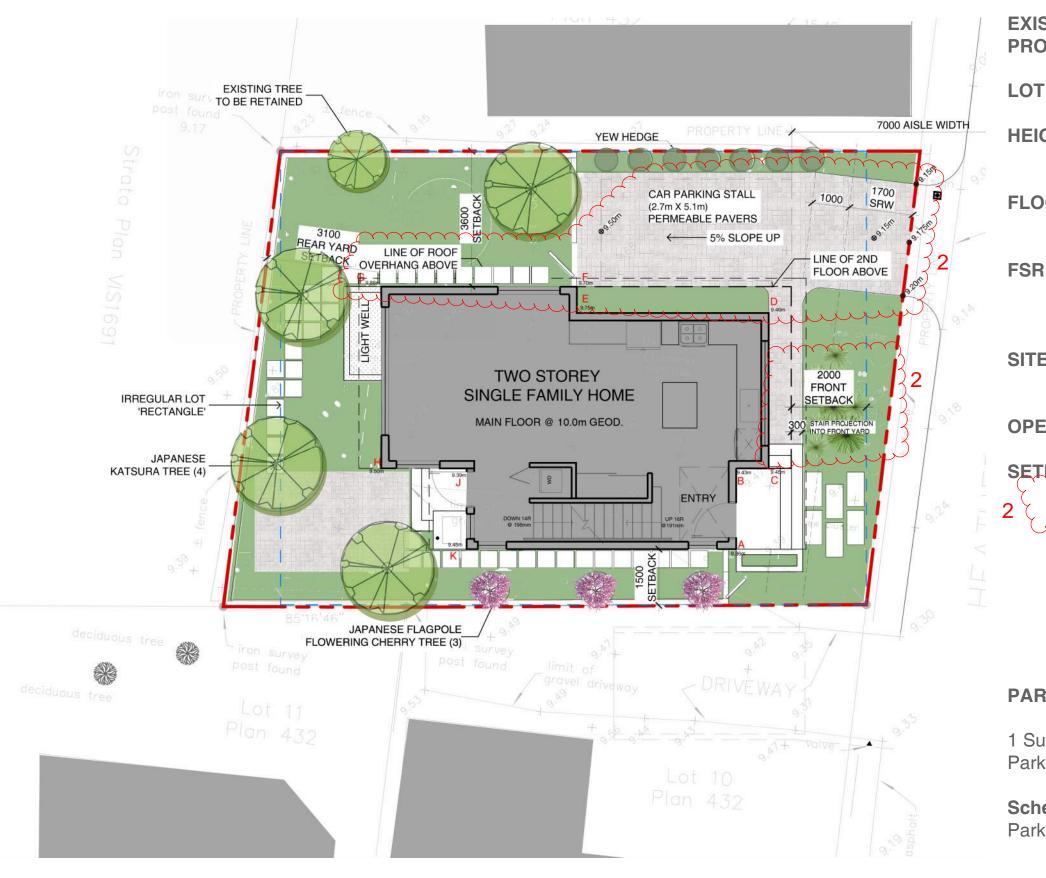
HEATHER STREET - WEST FRONTAGE



HEATHER STREET - EAST FRONTAGE

SURROUNDING CONTEXT





SITE PLAN - LANDSCAPE

LANDSCAPE SITE PLAN & PROJECT DATA

LOW HAMMOND ROWE ARCHITECTS REZONING + DP APPLICATION - RESUBMITTED MARCH 13, 2023

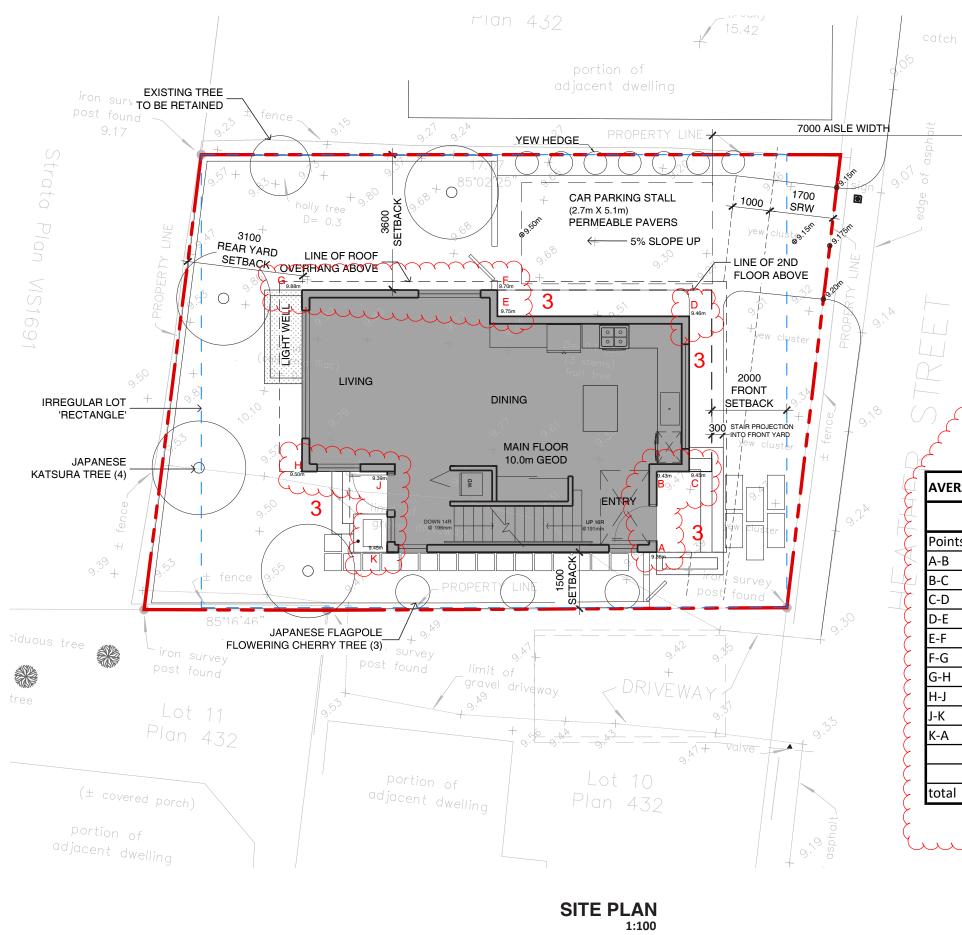
STING ZONE OPOSED ZONE	
FAREA	= 207.8m ² (260m ² MIN)
GHT	= 7.5m MAX = 6.8m
OOR AREA	= 124.68m² MAX = 116.8m²
2	= 0.6 MAX = 116.8/207.8 = 0.56
E COVERAGE	= 40% MAX = 37.86% (78.67/207.8)
EN SITE SPACE	= 50.4% (104.8m²/ 207.8m²)
FRONT REAR	= 6.0m MIN 2 = 2.0m PROPOSED = 6.0m MIN = 3.1m PROPOSED
SIDE 1	= 1.5m MIN = 1.5m PROPOSED
SIDE 2	= 2.4m MIN = 3.6m PROPOSED

PARKING

1 Surface Stall provided in side yard - 5.1m x 2.7m Parking of adjacent property to be relocated.

Schedule C - 2.2.3. Parking to be minimum 1.0m away from street.



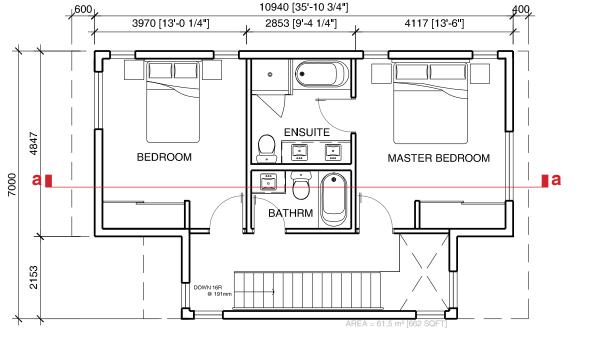


basin (rim) 8.98					
	~~~~	3	~~~~		$\sim$
	$\vee$		existing	proposed	л у С Г
	A		9.36	10.00	12
	B		9.43	10.00	$  \langle$
Â	c		9.45	10.00	13
	D		9.46	9.46	$  \rangle$
	E		9.75	9.75	13
	F		9.70	9.60	12
	G		9.88	9.88	
	н		9.50	9.70	13
£ \$ 3.9	J		9.39	10.00	12
9. ⁹	к		9.45	9.50	{
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#### **AVERAGE GRADE CALCULATIONS - 410 HEATHER ST**

ts	Elev (m)	Elev (m)	Avg (m)	Dist (m)	Total (m)
	9.36	9.43	9.395	2.153	20.22744
	9.43	9.45	9.44	0.9	8.496
	9.45	9.46	9.455	4.147	39.20989
	9.46	9.75	9.605	5.077	48.76459
	9.75	9.7	9.725	0.693	6.739425
	9.60	9.88	9.74	5.235	50.9889
	9.88	9.5	9.69	4.869	47.18061
	9.5	9.39	9.445	2.278	21.51571
	9.39	9.45	9.42	2.153	20.28126
	9.45	9.36	9.405	7.2	67.716
				34.705	331.1198
			Avg Grade (m)		9.540983

SITE PLAN & AVERAGE GRADE





section a-a

TOTAL FLOOR AREA PER ZONING = 116.8 m² (1257 SQ FT)

**LEVEL 2 FLOOR AREA** 

600

4847 [15'-10 3/4"]

7000 [22'-11 1/2"]

5218 [17'-1 1/2"]

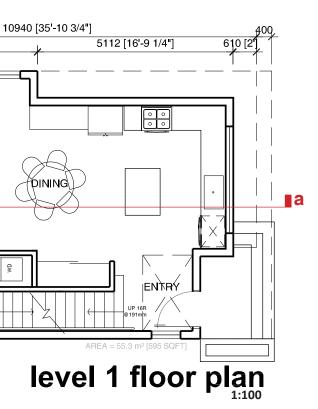
LIVING

FIRE PLACE

7510 6680

Δ

10340 [33'-11"]





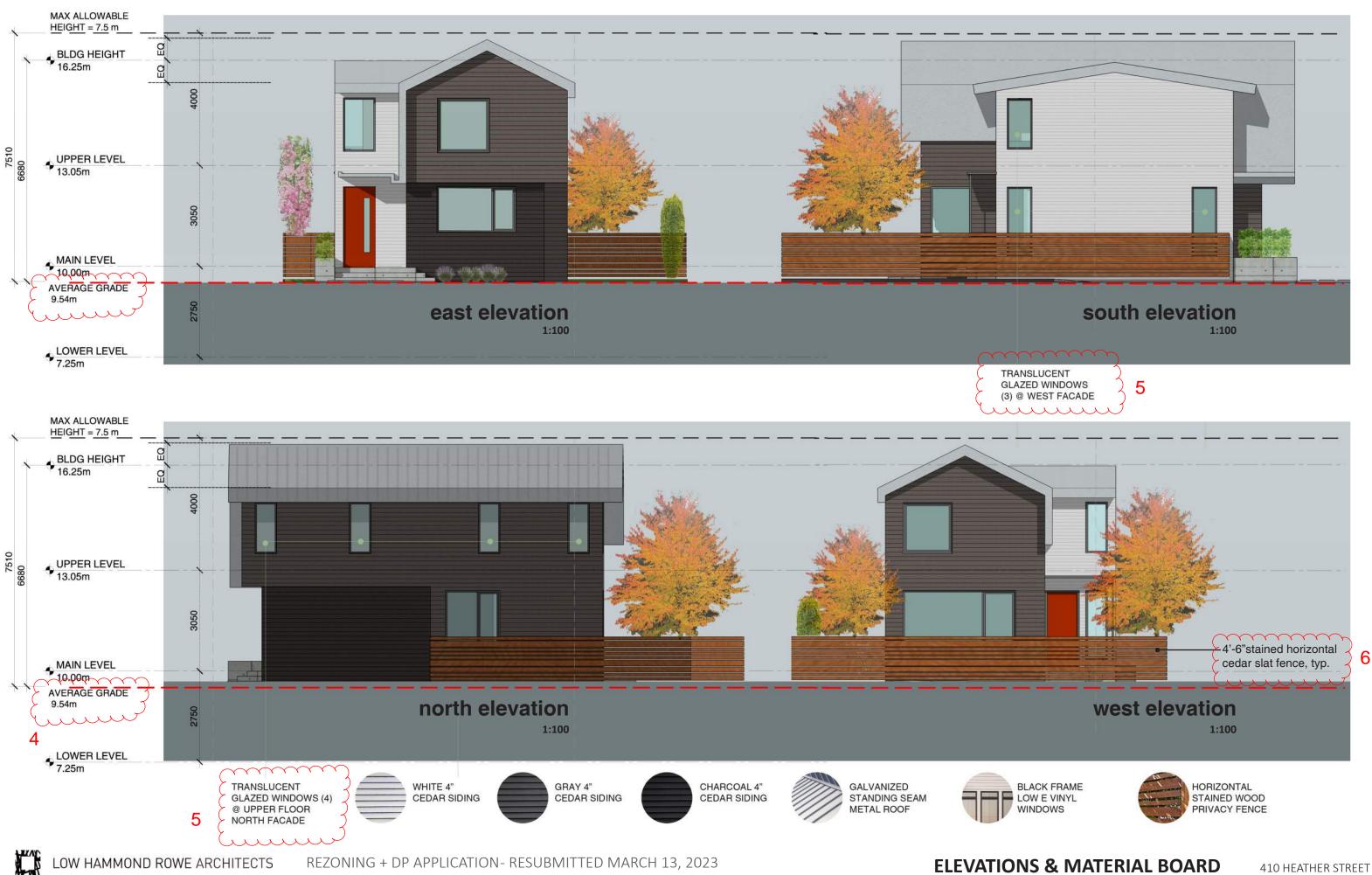
# basement floor plan

1:100

- = 55.3 m² (595 SQ FT)  $= 61.5 \text{ m}^2 (662 \text{ SQ FT})$ BASEMENT FLOOR AREA = 58.4 m² (629 SQ FT)



#### **FLOOR PLANS & SECTION**



## **ELEVATIONS & MATERIAL BOARD**

PART 3, SECTION 3.2.3 used to determine spatial separation and unprotected opening limits. Building is sprinklered. Table 3.2.3.1.-D is used to calculated percentage of openings allowed.

Exposing Building Face			Area	of Unprotect	ted Opening	for Groups A	, B, C, D and	F, Division	3 Occupanc	ies, %		
Max. Area, m ²		Limiting Distance, m										
	0	1.2	1.5	2.0	2.5	3	.4	5	6	7	8	9
10	0	16	24	42	66	100						
15	0	16	20	34	50	74	100					
20	0	16	20	30	42	60	100					
25	0	16	18	26	38	52	90	100				2
30	0	14	18	24	34	46	78	100				i.
40	0	14	16	22	30	40	64	96	100			
50	0	14	16	20	28	36	56	82	100			
60	0	14	16	20	26	32	50	72	98	100		
80	0	14	16	18	22	28	42	58	80	100		
100	0	14	16	18	22	26	36	50	68	88	100	1
150 or more	0	14	14	16	20	22	30	40	52	66	82	100

# Table 3.2.3.1.-D I Opening Limits for a Building or Fire Compartment that is Sprinklered Through Forming Part of Article 3.2.3.1.

#### EAST ELEVATION:

limiting distance: 5.462m (to centre line of street) area of exposing building face: 36.37m² permitted openings: 97.8% = 35.57m² proposed openings: 1.55+2.53+3.22+2.6 = 9.72m²

SOUTH ELEVATION: limiting distance: 1.5m area of exposing building face: 57.77m² permitted openings:  $16\% = 9.24m^2$ proposed openings: 1.6+1.6+1.15+2.15 = 6.5m²





#### NORTH ELEVATION: limiting distance: 3.6m

area of exposing building face: 60.25m² permitted openings:  $42.8\% = 25.79m^2$ proposed openings: 0.99+0.99+0.99+0.99+2.92 = 6.88m²

#### WEST ELEVATION:

limiting distance: 3.1m area of exposing building face: 36.37m² permitted openings:  $43.822\% = 15.94m^2$ proposed openings: 2.32+6.03+1.03+1.4+2.49 = 13.27m²

## **SPATIAL SEPARATION**

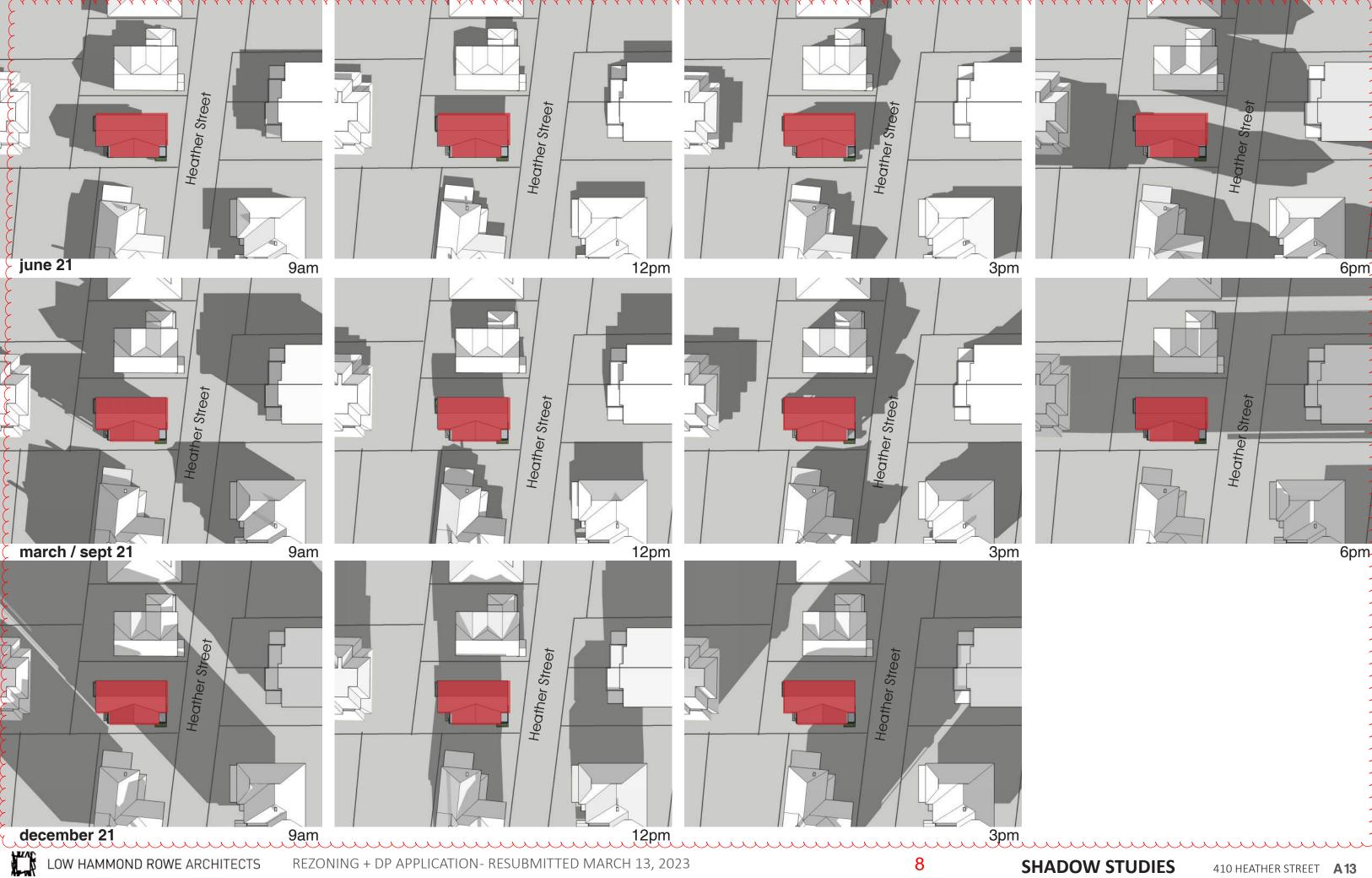




#### **HEATHER STREET - IMMEDIATE NEIGHBOURS - ELEVATION**

STREET CONTEXT ELEVATIONS

**HEATHER STREET ELEVATION** 



## **SHADOW STUDIES**





LOW HAMMOND ROWE ARCHITECTS REZONING + DP APPLICATION- RESUBMITTED MARCH 13, 2023

### **PERSPECTIVE VIEWS**