

DRAWING SCHEDULE

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FSR

SITE AREA: 5612.7 m²
TOTAL GFA: 8653.6m²

UNIT MIX

1 BED: 16
2 BED: 71
3 BED: 10

UNITS TOTAL: 97

DEEP SOIL: 1520.17 SQM (27%)

LANDSCAPING: 1751.21 SQM (31%)



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LEPPINGTON

[illegible]

LEVEL 01						
UNIT NO.	UNIT TYPE	INTERNAL AREA	PRIVATE OPEN SPACE	SOLAR ACCESS	CROSS-VENTILATION	STORAGE INC. GARAGE
B07	3 BED	95.35 SQM	14.87 SQM	YES	YES	15.08 M3
B08	2 BED	75.07 SQM	10.00 SQM	YES	NO	9.37 M3
B09	2 BED	77.57 SQM	10.57 SQM	YES	YES	10.39 M3
B10	2 BED	78.10 SQM	11.74 SQM	YES	YES	12.97 M3
B11	2 BED	85.01 SQM	12.42 SQM	YES	YES	11.27 M3

LEVEL 02						
UNIT NO.	UNIT TYPE	INTERNAL AREA	PRIVATE OPEN SPACE	SOLAR ACCESS	CROSS-VENTILATION	STORAGE INC. GARAGE
B12	3 BED	95.35 SQM	14.87 SQM	YES	YES	15.06 M3
B13	2 BED	75.07 SQM	10.00 SQM	YES	NO	9.37 M3
B14	2 BED	77.57 SQM	10.57 SQM	YES	YES	10.39 M3
B15	2 BED	78.10 SQM	11.74 SQM	YES	YES	12.97 M3
B16	2 BED	98.15 SQM	23.70 SQM	NO	YES	11.67 M3
B17	2 BED	85.01 SQM	12.42 SQM	YES	YES	11.27 M3

LEVEL 03						
UNIT NO.	UNIT TYPE	INTERNAL AREA	PRIVATE OPEN SPACE	SOLAR ACCESS	CROSS-VENTILATION	STORAGE INC. GARAGE
B18	3 BED	95.35 SQM	14.87 SQM	YES	YES	15.08 M3
B19	2 BED	75.07 SQM	10.00 SQM	YES	NO	9.37 M3
B20	2 BED	75.57 SQM	10.57 SQM	YES	YES	10.39 M3
B21	2 BED	74.98 SQM	11.74 SQM	YES	YES	9.88 M3
B22	2 BED	85.01 SQM	12.42 SQM	YES	YES	11.27 M3

LEVEL 03

DRAWING NAME	UNIT SCHEDULE BUILDING B	UNWINDING NUMBER H	DA	A 0021
			PROJECT MATCH	DATE
			36.16	

[illegible]

GROUND FLOOR PLAN

[illegible]

LEVEL 01

UNIT NO.	UNIT TYPE	INTERNAL AREA	PRIVATE OPEN SPACE	SOLAR ACCESS	CROSS-VENTILATION	STORAGE INC. GARAGE
C01	3 BED	106.50 SQM	17.13 SQM	YES	NO	16.7 M3
C02	2 BED	75.72 SQM	15.79 SQM	YES	YES	9.5 M3
C03	2 BED	80.70 SQM	15.00 SQM	NO	NO	10.65 M3
C04	1 BED	65.22 SQM	19.57 SQM	NO	NO	8.37 M3
C05	2 BED	75.11 SQM	15.00 SQM	YES	YES	10.95 M3
C06	2 BED	75.18 SQM	15.00 SQM	YES	YES	10.95 M3
C07	1 BED	65.22SQM	19.59 SQM	NO	YES	8.37 M3
C08	2 BED	80.70 SQM	15.68 SQM	NO	NO	10.65 M3
C09	2 BED	75.01 SQM	17.73 SQM	YES	YES	9.6 M3
C10	2 BED	76.99 SQM	16.24 SQM	YES	YES	8.37 M3
C11	3 BE	108.91 SQM	19.17 SQM	YES	NO	16.59M3

UNIT NO.	UNIT TYPE	INTERNAL AREA	PRIVATE OPEN SPACE	SOLAR ACCESS	CROSS-VENTILATION	STORAGE INC. GARAGE
C12	2 BED	76.46 SQM	10.06 SQM	YES	YES	12.22 M3
C13	1 BED	55.02 SQM	10.78 SQM	YES	NO	9.65 M3
C14	2 BED	71.86 SQM	10.01 SQM	YES	YES	9.5 M3
C15	2 BED	72.20 SQM	10.23 SQM	YES	YES	11.78 M3
C16	2 BED	75.37 SQM	10.00 SQM	NO	NO	9.95 M3
C17	1 BED	65.22 SQM	12.70 SQM	NO	NO	6.00 M3
C18	2 BED	81.35 SQM	11.10 SQM	YES	YES	10.95 M3
C19	2 BED	81.12 SQM	11.10 SQM	YES	YES	10.95 M3
C20	1 BED	65.22 SQM	12.54 SQM	NO	NO	9.88 M3
C21	2 BED	80.16 SQM	10.00 SQM	NO	NO	10.13 M3
C22	2 BED	77.66 SQM	12.07 SQM	YES	YES	11.4 M3
C23	2 BED	78.23 SQM	10.23 SQM	YES	YES	9.37 M3
C24	1 BED	57.04 SQM	12.08 SQM	YES	NO	9.37 M3
C25	2 BED	76.13 SQM	10.67 SQM	YES	YES	12.22 M3

LEVEL 02

The floor plan for Level 02 is a complex, symmetrical layout. It features a central corridor system that divides the space into two main wings. The left wing contains several large conference rooms, including Room 201 (1,200 sq ft) and Room 202 (1,200 sq ft), as well as smaller offices and meeting rooms. The right wing mirrors this layout with rooms like Room 203 (1,200 sq ft) and Room 204 (1,200 sq ft). A central area, likely a lounge or reception area, is located between the wings. The plan also includes numerous smaller rooms, corridors, and service areas, each labeled with its specific number and square footage. The overall design is functional and organized, typical of a professional office environment.

LEVEL 03

UNIT NO.	UNIT TYPE	INTERNAL AREA	PRIVATE OPEN SPACE	SOLAR ACCESS	CROSS-VENTILATION	GARAGE INC. GARAGE
C40	2 BED	76.46 SQM	10.06 SQM	YES	YES	12.22 M3
C41	1 BED	55.02 SQM	10.78 SQM	YES	NO	9.68 M3
C42	2 BED	71.86 SQM	10.01 SQM	YES	YES	9.5 M3
C43	2 BED	72.20 SQM	10.23 SQM	YES	YES	11.76 M3
C44	2 BED	75.37 SQM	10.00 SQM	NO	YES	9.55M3
C45	1 BED	65.22 SQM	12.70 SQM	NO	YES	6.00 M3
C46	2 BED	81.35 SQM	11.10 SQM	YES	YES	10.95 M3
C47	2 BED	81.12 SQM	11.10 SQM	YES	YES	10.95 M3
C48	1 BED	65.22 SQM	12.54 SQM	NO	YES	9.88 M3
C49	2 BED	80.16 SQM	10.00 SQM	NO	YES	10.13 M3
C50	2 BED	77.06 SQM	12.07 SQM	YES	YES	11.4 M3
C51	2 BED	78.23 SQM	10.23 SQM	YES	YES	9.37 M3
C52	1 BED	58.20 SQM	12.08 SQM	YES	NO	9.37 M3
C53	2 BED	76.13 SQM	10.67 SQM	YES	YES	12.22 M3

[illegible]



DRAWING LEGEND

- PROPOSED DEVELOPMENT
- CAR PARK ENTRY
- PEDESTRIAN ACCESS
- MAIN TRAFFIC DIRECTION
- SUMMER SUN SOLSTICE
- WINTER SUN SOLSTICE

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DA A 1000

PROJECT
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HERITAGE
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ACoustic
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STORMWATER
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TRAFFIC
GHAZI AL ALI

ACCESS
GHAZI AL ALI

INGLEBURN RD

NO.47

BASIX REQUIREMENTS:

Unit	Additional Requirements	Notes
A01	R1 0 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
A02	R10 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
A03	R10 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
A04	R10 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
A05	R20 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
A06	R20 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
B01	R1 0 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
B02	R10 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
B03	R10 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
B04	R20 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
B05	R20 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
B06	R20 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
B07	R20 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
B08	R20 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
B09	R20 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
B10	R20 insulation in floor	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;
B11	R10 insulation in kitchen floor above non-conditioned space	Aluminum DG Air Fill Low Solar Gain b+w-E Clear;

External Walls: Hebel 75mm: Air Gap: R2.0 Insul: pbd

Internal Walls: - Within Units: Plasterboard on studs (R1.0 insulation)

Partly/Common Walls: pbd; R0.6 insul.; 75mm AAC; AG: R1.5 insul.; pbd
Windows: Aluminum Slab Clear: U = 0.70; SHGC = 0.70 53 - SEE TABLE BELOW FOR UNITS REQUIRING HIGHER GLAZING REQUIREMENTS
Roof: [Top levels only] Concrete slab 150mm + Drained Tile walking Surface - R2.0 insulation under slab - Susp. Ceiling under

Ceiling: Plasterboard (no insulation)
Floor: Concrete slab (no insulation) • SEE TABLE BELOW FOR UNITS REQUIRING INSULATION
Floor Covering: ceramic tiles in wet areas and carpet elsewhere

Exhaust Fans and Downlights: must be sealed
Skylights: Clear ALDG DEFAULT ROOF WINDOW System 02: U = 4.22, SHGC = 0.72

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www.ingenta.com.au	TABLE SOLUTIONS 1/14 7/12 1/12/04
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STC BUI ROD M 6 E	LAM LAM ROD P E
W & ASSOCIATES LLC www.wandassociates.com	AL MENTAL THRUACK

SCA DESIGN ALICE S MI 04062 E Michigan	HERITAGE
& DELAVA 9-0276, 210	INTERCULTURE

PLANNING MEXUS NOR KENNAN M: 641.541.9176 E: nor.kennan@mcg.com	WASTE WASTE CHAZEL AL AL CHAZEL M: 646.151.7157 E: chazel@mcg.com
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ARCHITECT



7, rue 12, 8144, JOLLA
ACQUA 4700/1100
LUGLIO 3 LUGLIO 3 14 M
REINTEGRATO ALMA 311

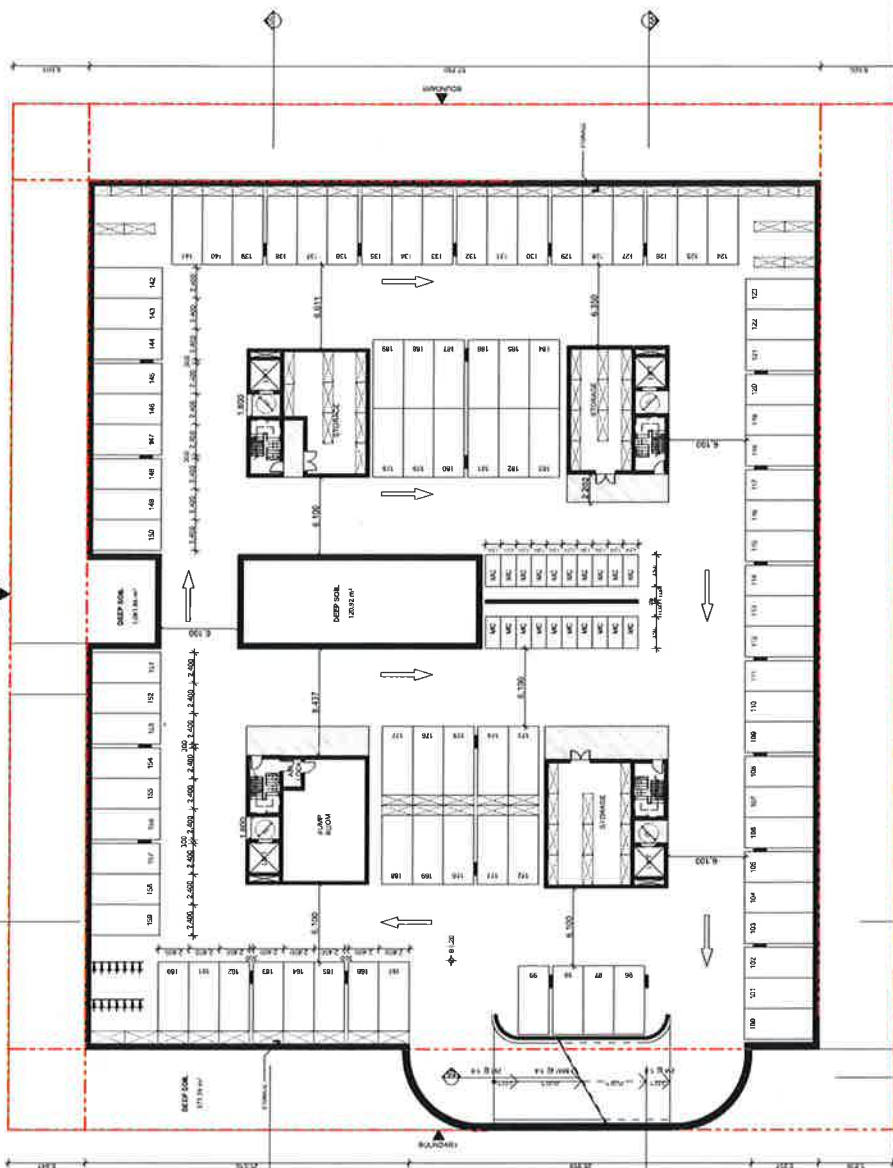
AL ALI
1993, 1994

IRN RD, LEPP
IRMAN KHAL
DATE
EXP 22/03/17
PRED-ICT ARCHITECT

[illegible]

PLAN	PROJECT NUMBER	DATE	BY
	36.16		

NO.31



FUTURE ROAD

Partly/Common Walls: pbd; R0.6 insul.; 75mm AAC; AG: R1.5 insul.; pbd
Windows: Aluminum Slab Clear: U = 0.70; SHGC = 0.70 53 - SEE TABLE BELOW FOR UNITS REQUIRING HIGHER GLAZING REQUIREMENTS
Roof: [Top levels only] Concrete slab 150mm + Drained Tile walking Surface - R2.0 insulation under slab - Susp. Ceiling under

Ceiling: Plasterboard (no insulation)
Floor: Concrete slab (no insulation) • SEE TABLE BELOW FOR UNITS REQUIRING INSULATION
Floor Covering: ceramic tiles in wet areas and carpet elsewhere

Exhaust Fans and Downlights: must be sealed
Skylights: Clear ALDG DEFAULT ROOF WINDOW System 02: U = 4.22, SHGC = 0.72

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STC BUI ROD M 6 E	LAM LAM ROD P E
W & ASSOCIATES LLC www.wandassociates.com	AL MENTAL THRUACK www.mentalthroughack.com

SCA DESIGN ALICE S MI 04062 E Mktg@sc E Mktg@sc	HERITAGE
& DELAVA 9-0276, 210	INTERCULTURE

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ARCHITECT



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ACQUA 4700/1100
LUGLIO 3 LUGLIO 3 14 M
RECONSTRUCTION 1000 1100

AL ALI
1993, 1994

IRN RD, LEPP
IRMAN KHAL
DATE
EXP 22/03/17
PRED-ICT ARCHITECT

[illegible]

PLAN	36.16	36.16	36.16
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NO.47

BASIC REQUIREMENTS:

- Units**
- A01 Additional Requirements
 - A02 R1.0 insulation in floor
 - A03 R1.0 insulation in floor
 - A04 R1.0 insulation in floor
 - A05 R2.0 insulation in floor + Aluminium DG Air Fill Low Solar Gain bw-E Clear:
 - A06 U = 4.90; SHGC = 0.33
 - B01 R1.0 insulation in floor + Aluminium DG Air Fill Low Solar Gain bw-E Clear:
 - B02 U = 4.90; SHGC = 0.33
 - B03 R1.0 insulation in floor
 - B04 R2.0 insulation in floor + Aluminium DG Air Fill Low Solar Gain bw-E Clear:
 - B05 U = 4.90; SHGC = 0.33
 - B06 R1.0 insulation in floor + Aluminium DG Air Fill Low Solar Gain bw-E Clear:
 - B07 U = 4.90; SHGC = 0.33
 - B08 R1.0 insulation in floor
 - B09 R1.0 insulation in floor
 - B10 R1.0 insulation in floor
 - B11 R1.0 insulation in floor
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 - B99 R1.0 insulation in floor
 - B100 R1.0 insulation in floor

NO.31

External Walls: Heliob 75mm: Air Gap: R2.0 insul. pbd

Internal Walls: Heliob 75mm: Air Gap: R2.0 insul. pbd

Windows: Aluminium SG Clear: U = 6.70; SHGC = 0.70; 58 - SEE TABLE BELOW FOR UNITS REQUIRING HIGHER GLAZING REQUIREMENTS

Floor: (Top levels only): Concrete slab 150mm - Drained Tile walking surface - R2.0 insulation under slab - Susp. Ceiling under

Floor Covering: (scenic tiles in wet areas and carpet elsewhere) - SEE TABLE BELOW FOR UNITS REQUIRING INSULATION

Roof: Concrete slab (no insulation) - SEE TABLE BELOW FOR UNITS REQUIRING INSULATION

Skylights: Clear AG DEFAULT ROOF WINDOW System Q2: U = 4.22; SHGC = 0.72

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INGLEBURN RD

NO.47

BASIX REQUIREMENTS:

- | Units | Additional Requirements | Aluminum DG Air Flow Low Solar Gain b+w-E Clear: | Aluminum DG Air Flow Low Solar Gain b+w-E Clear: |
|-------|--|--|--|
| A01 | R10 insulation in floor | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |
| A02 | R10 insulation in floor | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |
| A03 | R10 insulation in floor | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |
| A04 | R10 insulation in floor | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |
| A05 | R20 insulation in floor + Aluminum DG Air Flow Low Solar Gain b+w-E Clear: | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |
| A06 | R20 insulation in floor + Aluminum DG Air Flow Low Solar Gain b+w-E Clear: | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |
| B01 | R10 insulation in floor | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |
| B02 | R10 insulation in floor | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |
| B03 | R10 insulation in floor | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |
| B04 | R10 insulation in floor | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |
| B05 | R20 insulation in floor + Aluminum DG Air Flow Low Solar Gain b+w-E Clear: | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |
| B06 | R20 insulation in floor + Aluminum DG Air Flow Low Solar Gain b+w-E Clear: | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |
| B07 | R20 insulation in floor + Aluminum DG Air Flow Low Solar Gain b+w-E Clear: | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |
| B08 | R20 insulation in floor + Aluminum DG Air Flow Low Solar Gain b+w-E Clear: | U = 4.90; SHGC = 0.33 | U = 4.90; SHGC = 0.33 |

NO.31



FUTURE ROAD

- Party/Common Walls: pbd; R2.6 Insul.; 75mm AAC; AG; R1.5 Insul. pbd
 Windows: Aluminum SO Clear; U = 6.70; SHGC = 0.70 S3 - SEE TABLE BELOW FOR UNITS REQUIRING HIGHER GLAZING REQUIREMENTS
 Roof: (Top levels only) Concrete slab 150mm - Drained Tile walking surface - R2.0 Insulation under slab - Slab Ceiling under

Ceiling: Plasterboard (no insulation)
 Floor: Concrete slab (no insulation) - SEE TABLE BELOW FOR UNITS REQUIRING INSULATION
 Floor Covering: ceramic tiles in wet areas and carpet elsewhere

Exhaust Fans and Downlights: must be sealed
Skylights: Clear All DG DEFAULT ROOF WINDOW System 02: U = 4.22: SHGC = 0.72

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	10000 14th Ave
	Edmonton, AB T6C 2E1

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RENZO TONIN & ASSOCIATES
RESCICA CONSULT
P 02110000
E. Rescica Via Sesto 20 10126 TORINO

GEOTECHNICAL
WED ENVIRONMENTAL
S. I. I. Via M. C. C. 10126
P 02110000

ROTH MYSTER BURGESS ARNOTT & GRAVA ROBERT FRIEDMAN 2407 1411 10000 Rte 100, Suite 100, Dallas, TX 75243 214/343-1111	LANDSCAPE ARCHITECTURE ROBERT FRIEDMAN 2407 1411 10000 Rte 100, Suite 100, Dallas, TX 75243 214/343-1111
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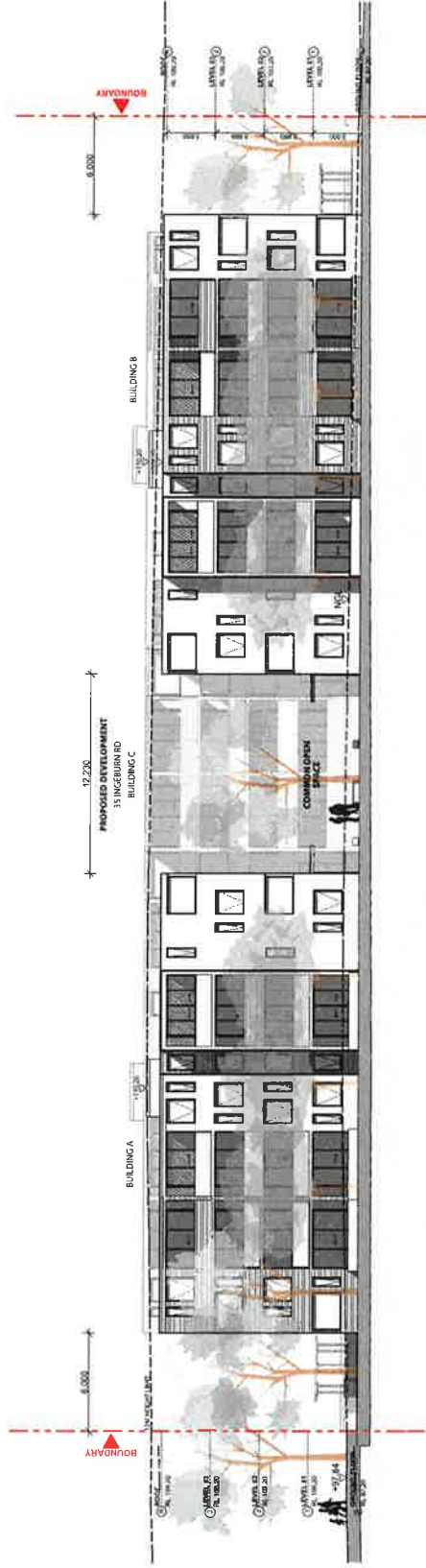
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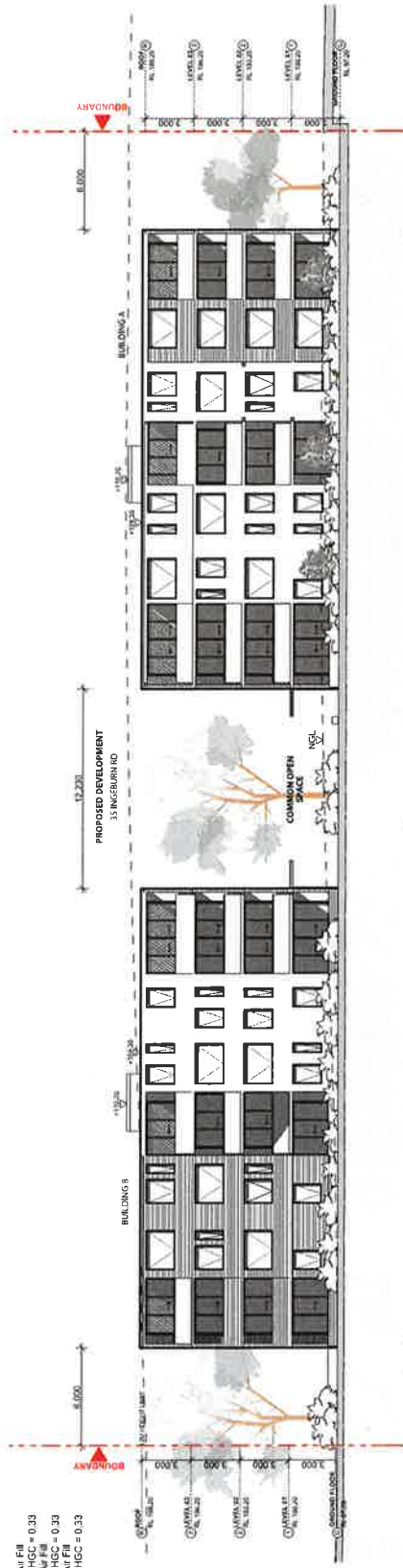
PROPERTY	35 INGEBURN RD	
OWNER	SHEIKH M. IRMAN	
DATE	4-2008	1-1-2008
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LEVEL 02 PLAN



EAST ELEVATION @ 1:300



WEST ELEVATION @ 1:300

BASIC REQUIREMENTS:

- Units**
- A01 R1.0 insulation in floor
 - A02 R1.0 insulation in floor
 - A03 R1.0 insulation in floor
 - A04 R2.0 insulation in floor
 - A05 Low Solar Gain low-E Clear: U = 4.90 SHGC = 0.33
 - A06 R2.0 insulation in floor + Aluminium DG Air Fill
 - B01 R1.0 insulation in floor
 - B02 R1.0 insulation in floor
 - B03 R1.0 insulation in floor
 - B04 Low Solar Gain low-E Clear: U = 4.90 SHGC = 0.33
 - B05 R2.0 insulation in floor + Aluminium DG Air Fill
 - B06 R2.0 insulation in floor + Aluminium DG Air Fill
 - B11 R1.0 insulation in kitchen floor above
 - C01 non-conditioned space
 - C02 R1.0 insulation in floor
 - C03 R1.0 insulation in floor
 - C04 R1.5 insulation in floor
 - C05 R2.0 insulation in floor
 - C06 R2.0 insulation in floor
 - C07 R1.5 insulation in floor
 - C08 R1.5 insulation in floor
 - C09 R1.5 insulation in floor
 - C10 R1.0 insulation in floor
 - C11 R1.0 insulation in floor
 - C14 R1.0 insulation in roof
 - C15 R1.0 insulation in roof
 - C16 R1.0 insulation in roof
 - C22 R2.0 insulation in roof
 - C43 R2.0 insulation in roof
 - C44 R2.0 insulation in roof
 - C46 R2.0 insulation in roof
 - C47 R2.0 insulation in roof
 - C48 R2.0 insulation in roof
 - C50 R2.0 insulation in roof
 - C51 R2.0 insulation in roof
 - C52 R2.0 insulation in roof
 - C53 R2.0 insulation in roof

Additional Requirements

- R1.0 insulation in floor
- R1.0 insulation in floor
- R2.0 insulation in floor
- Low Solar Gain low-E Clear: U = 4.90 SHGC = 0.33
- R2.0 insulation in floor + Aluminium DG Air Fill
- R1.0 insulation in floor
- R1.0 insulation in floor
- R2.0 insulation in floor
- Low Solar Gain low-E Clear: U = 4.90 SHGC = 0.33
- R2.0 insulation in floor + Aluminium DG Air Fill
- R1.0 insulation in kitchen floor above
- non-conditioned space
- R1.0 insulation in floor
- R1.0 insulation in floor
- R1.5 insulation in floor
- R2.0 insulation in floor
- R2.0 insulation in floor
- R1.5 insulation in floor
- R1.5 insulation in floor
- R1.5 insulation in floor
- R1.0 insulation in floor
- R1.0 insulation in floor
- R1.0 insulation in roof
- R1.0 insulation in roof
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- R2.0 insulation in roof

External Walls: Hebel 75mm; Air Gap: R2.0 insul; pbd

Internal Walls: Hebel 75mm; Air Gap: R2.0 insul; pbd

Partitions: Hebel 75mm; Air Gap: R2.0 insul; pbd

Windows: Aluminium SG Clear: U = 6.70 SHGC = 0.70 53 - SEE TABLE BELOW FOR UNITS REQUIRING HIGHER GLAZING REQUIREMENTS

Floors: Concrete slab 150mm - Drained Tile walking surface - R2.0 insulation under slab - Susp. Ceiling under

Floor Covering: ceramic tiles in wet areas and carpet elsewhere

Exhaust Fans and Downlights: must be sealed

Symbols: Clear All DO DEFAULT ROOF WINDOW System 02: U = 4.22 SHGC = 0.72

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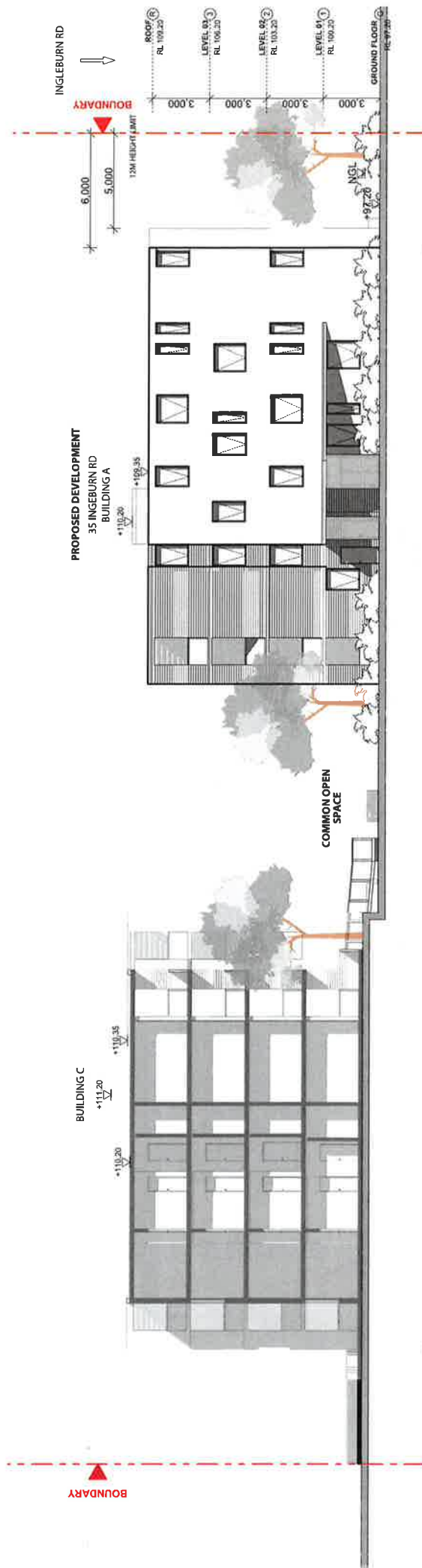
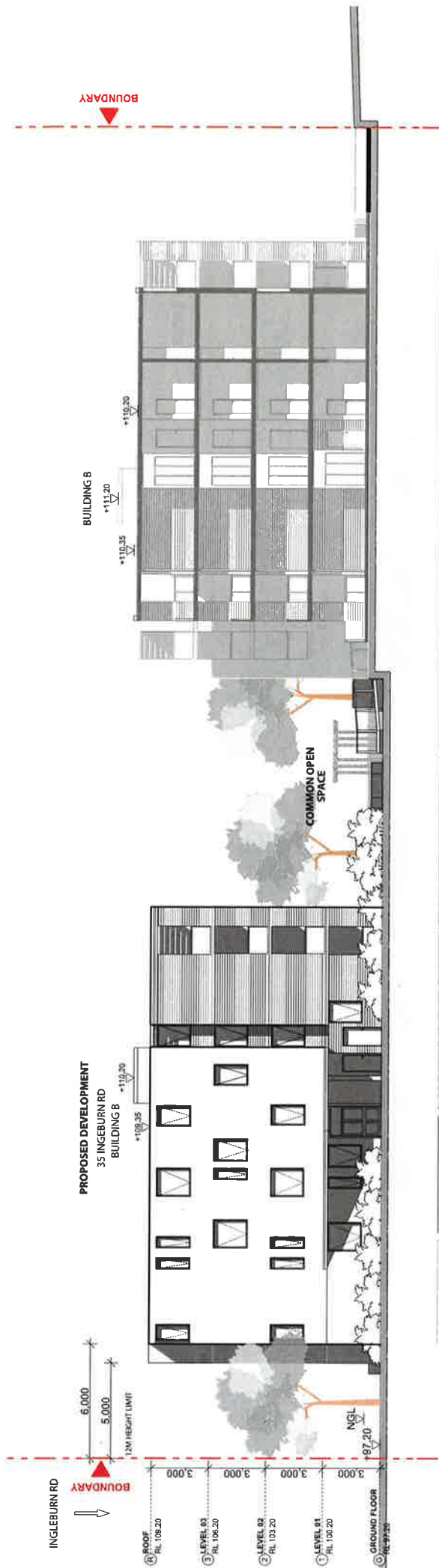
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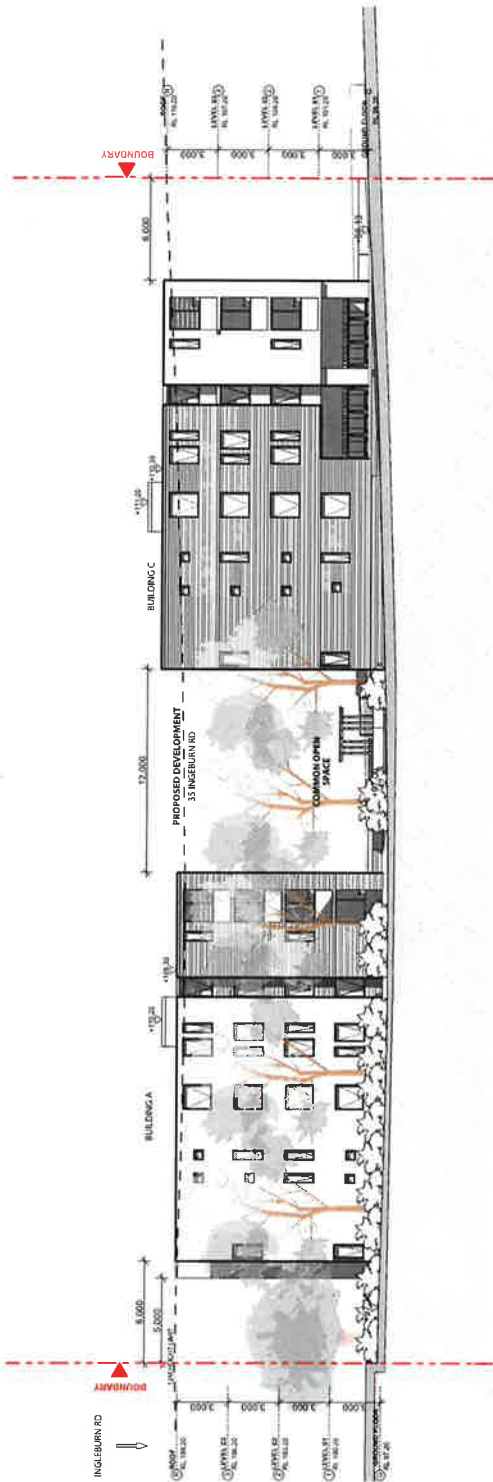
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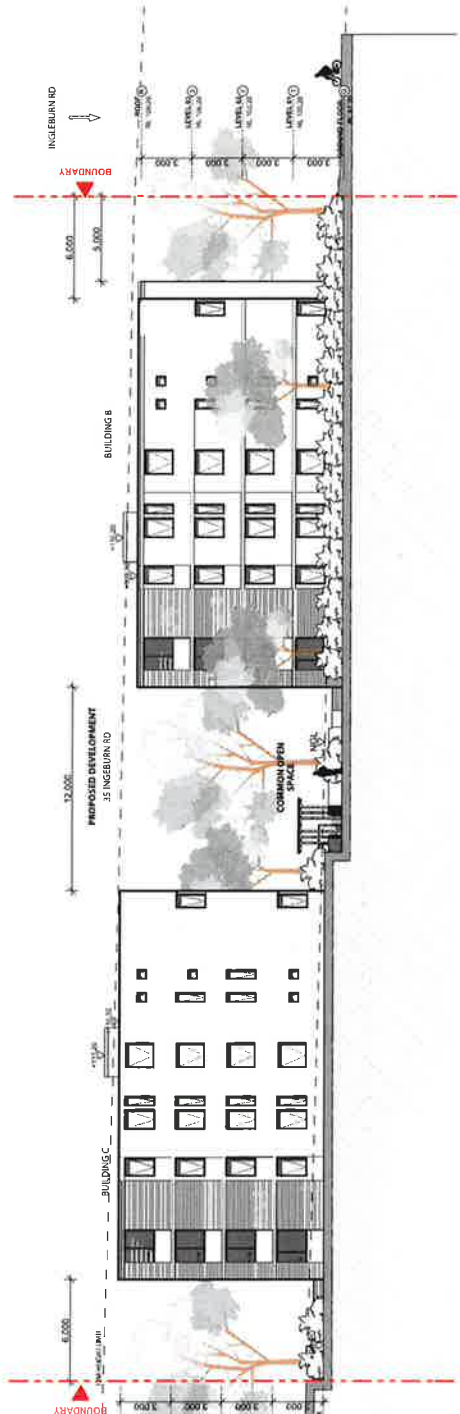
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NORTH ELEVATION BUILDING A & C @ 1:300



SOUTH ELEVATION B & D @ 1:300

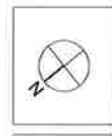
BASIC REQUIREMENTS:

- Units**
- A01 Additional Requirements
 - A02 R1.0 insulation in floor
 - A03 R1.0 insulation in floor
 - A04 R1.0 insulation in floor
 - A05 R2.0 insulation in floor + Aluminium DG Air Fill
 - A06 Low Solar Gain low-E-Clear U = 4.50 SHGC = 0.33
 - B01 Low Solar Gain low-E-Clear U = 4.50 SHGC = 0.33
 - B02 R1.0 insulation in floor
 - B03 R1.0 insulation in floor
 - B04 R2.0 insulation in floor + Aluminium DG Air Fill
 - B05 R2.0 insulation in floor + Aluminium DG Air Fill
 - B06 R2.0 insulation in floor + Aluminium DG Air Fill
 - B07 R2.0 insulation in floor + Aluminium DG Air Fill
 - B08 R2.0 insulation in floor + Aluminium DG Air Fill
 - B09 R2.0 insulation in floor + Aluminium DG Air Fill
 - B10 R2.0 insulation in floor + Aluminium DG Air Fill
 - B11 R2.0 insulation in floor + Aluminium DG Air Fill
 - C01 R1.0 insulation in floor
 - C02 R1.0 insulation in floor
 - C03 R1.0 insulation in floor
 - C04 R1.0 insulation in floor
 - C05 R1.0 insulation in floor
 - C06 R1.0 insulation in floor
 - C07 R1.0 insulation in floor
 - C08 R1.0 insulation in floor
 - C09 R1.0 insulation in floor
 - C10 R1.0 insulation in floor
 - C11 R1.0 insulation in floor
 - C12 R1.0 insulation in floor
 - C13 R1.0 insulation in floor
 - C14 R1.0 insulation in floor
 - C15 R1.0 insulation in floor
 - C16 R1.0 insulation in floor
 - C17 R1.0 insulation in floor
 - C18 R1.0 insulation in floor
 - C19 R1.0 insulation in floor
 - C20 R1.0 insulation in floor
 - C21 R1.0 insulation in floor
 - C22 R1.0 insulation in floor
 - C23 R1.0 insulation in floor
 - C24 R1.0 insulation in floor
 - C25 R1.0 insulation in floor
 - C26 R1.0 insulation in floor
 - C27 R1.0 insulation in floor
 - C28 R1.0 insulation in floor
 - C29 R1.0 insulation in floor
 - C30 R1.0 insulation in floor
 - C31 R1.0 insulation in floor
 - C32 R1.0 insulation in floor
 - C33 R1.0 insulation in floor
 - C34 R1.0 insulation in floor
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 - C45 R1.0 insulation in floor
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 - C47 R1.0 insulation in floor
 - C48 R1.0 insulation in floor
 - C49 R1.0 insulation in floor
 - C50 R1.0 insulation in floor
 - C51 R1.0 insulation in floor
 - C52 R1.0 insulation in floor
 - C53 R1.0 insulation in floor

- External Walls: Hebel 75mm Air Gap R2.0 Insul. pbd
- Internal Walls: Hebel Units, Photoboard on studs (R1.0 insulation) - Party/Common Walls: pbd, R0.6 Insul. 75mm AAC AG: R1.5 Insul. pbd
- Windows: Aluminium SG Clear: U = 6.70 SHGC = 0.70 53 - SEE TABLE BELOW FOR UNITS REQUIRING HIGHER GLAZING REQUIREMENTS
- Roof: (Top levels only): Concrete slab 150mm - Drained tile walking surface - R2.0 insulation under slab - Susp. Ceiling under
- Floor: Concrete slab 150mm - Drained tile walking surface - R2.0 insulation under slab - Susp. Ceiling under
- Floor Covering: ceramic tiles in wet areas and carpet elsewhere
- Exhaust Fans and Downlights: must be sealed
- Skylights: Clear ALDG DEFAULT ROOF WINDOW System 02: U = 4.22 SHGC = 0.72

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Unit#	Additional Requirements
A01	R1.0 insulation in floor
A02	R1.0 insulation in floor
A03	R1.0 insulation in floor
A04	R1.0 insulation in floor
A05	R2.0 insulation in floor - Aluminum DG Air Fill R2.0 Insulation Bay w/E - Clear, U = 4.30: SHGC = 0.33 Low Solar Gain Bay w/E - Clear, U = 4.30: SHGC = 0.33
B01	R1.0 insulation in floor
B02	R1.0 insulation in floor
B03	R1.0 insulation in floor
B04	R2.0 insulation in floor - Aluminum DG Air Fill R2.0 Insulation Bay w/E - Clear, U = 4.30: SHGC = 0.33 Low Solar Gain Bay w/E - Clear, U = 4.30: SHGC = 0.33
B05	R2.0 insulation in floor - Aluminum DG Air Fill R2.0 Insulation Bay w/E - Clear, U = 4.30: SHGC = 0.33 Low Solar Gain Bay w/E - Clear, U = 4.30: SHGC = 0.33
B11	R1.0 insulation in floor - Aluminum DG Air Fill R1.0 insulation in floor - Aluminum DG Air Fill R1.0 insulation in floor - Aluminum DG Air Fill

Internal walls:

- Within Units: Plasterboard on studs (R1.0 insulation)

- Party/Common Walls: pbd: 80.6 insul : 75mm AAC: AG: 81.5 insul: pbd

Windows: Aluminium SG Clear: U = 6.70; SHGC = 0.70 S3 - SEE TABLE BELOW FOR UNITS REQUIRING HIGHER GLAZING REQUIREMENTS

Roof: (Top levels only): Concrete slab 150mm - Drained Tile walking surface - R2.0 insulation under slab - Susp. Ceiling under

Ceiling: Plasterboard (no insulation)

Floor: Concrete slab (no insulation) - SEE TABLE BELOW FOR UNIT

Floor Covering: ceramic tiles in wet areas and carpet elsewhere

Exhaust Fans and Downlights: must be sealed

Skylights: Clear Al DG Default Roof Window System 02: U = 4.22: SHGC = 0.72

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SUBS

Age Group	Men (%)	Women (%)
18-29	~85	~82
30-49	~78	~85
50-69	~82	~78
70+	~75	~82



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QUANTITY SURVEY AMMOCC 1000 W. 14TH # 320 ST. LOUIS, MO 63103 E info@ammo.com	BASK SUSTAINABLE SOLUTIONS 1000 W. 14TH # 320 ST. LOUIS, MO 63103 E info@bask.com

STORMWATER
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E mkg@gravaconsulting.com.au

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LANDSCAPE ARCHITECTURE
ROBERT FLEW
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E r.flew@robertflew.net.au

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INTERPAGE	WASTE MANAGEMENT GHAZI AL AL ARCHITECT GHAZI M 064157567 E architect540@gmail.com

PROJECT

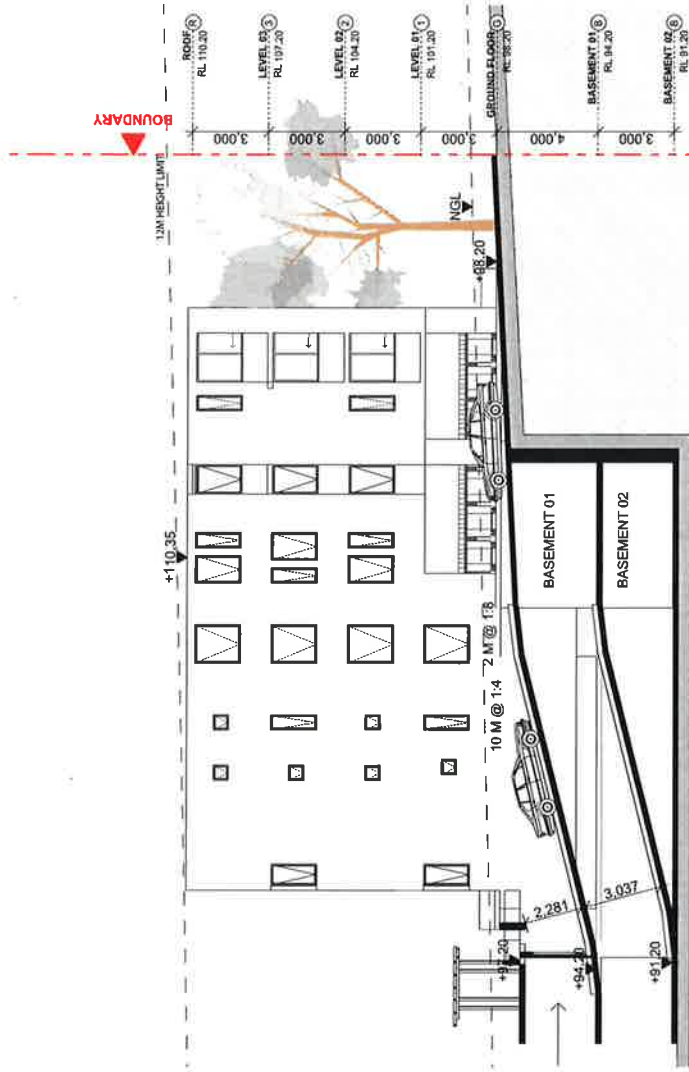
GHAZI AL ALI
ARCHITECTS P.C.
"DESIGN WITH PURPOSE"

4075 144th AVE. | E. CHICAGO, ILL. 60631
PH: 773.354.1166 | WWW.GHAZIALALI.COM

2 UNIT / 2.14 MM SQ. FT. (A)D
BROOKWOOD NEW 2/14

SECTION	DA
PROJECT NAME	
PROJECT LOCATION	(CA)
SHEET NO.	
DRAWN BY	
CHECKED BY	
DATE	10/10/2018
PROJECT ARCHITECT	
PROJECT ENGINEER	
PROJECT MANAGER	
PROJECT COORDINATOR	
PROJECT SUPERVISOR	
PROJECT ASSISTANT	
PROJECT CLERK	
PROJECT OFFICE	
PROJECT PHONE	
PROJECT FAX	
PROJECT E-MAIL	
PROJECT WEBSITE	
PROJECT ADDRESS	
PROJECT CITY	
PROJECT STATE	
PROJECT ZIP	
PROJECT COUNTRY	
PROJECT REGION	
PROJECT DISTRICT	
PROJECT TOWN	
PROJECT VILLAGE	
PROJECT ROAD	
PROJECT LOT	
PROJECT UNIT	
PROJECT FLOOR	
PROJECT ROOM	
PROJECT APARTMENT	
PROJECT OFFICE SUITE	
PROJECT GARAGE	
PROJECT DRIVE	
PROJECT COURT	
PROJECT PLACE	
PROJECT BLVD	
PROJECT AVE	
PROJECT ST	
PROJECT RD	
PROJECT HWY	
PROJECT INTERSTATE	
PROJECT HIGHWAY	
PROJECT EXPRESSWAY	
PROJECT FREEWAY	
PROJECT RAMP	
PROJECT ON-RAMP	
PROJECT OFF-RAMP	
PROJECT EXIT	
PROJECT ENTRANCE	
PROJECT GATE	
PROJECT TURNPIKE	
PROJECT BRIDGE	
PROJECT OVERPASS	
PROJECT UNDERPASS	
PROJECT VIADUCT	
PROJECT TUNNEL	
PROJECT CAUSEWAY	
PROJECT DRAINAGE	
PROJECT CANAL	
PROJECT DAM	
PROJECT LOCK	
PROJECT BARRAGE	
PROJECT DIKE	
PROJECT LEVEE	
PROJECT SEWER	
PROJECT WASTEWATER	
PROJECT SANITARY	
PROJECT STORMWATER	
PROJECT FLOOD CONTROL	
PROJECT WATER SUPPLY	
PROJECT IRRIGATION	
PROJECT PUMP	
PROJECT RESERVOIR	
PROJECT LAKE	
PROJECT RIVER	
PROJECT STREAM	
PROJECT CREEK	
PROJECT BROOK	
PROJECT FALLS	
PROJECT CASCADE	
PROJECT RAPIDS	
PROJECT WHARF	
PROJECT DOCK	
PROJECT PIER	
PROJECT QUAY	
PROJECT BERTH	
PROJECT MOORING	
PROJECT MARINA	
PROJECT YACHT CLUB	
PROJECT BOAT HOUSE	
PROJECT LIFT	
PROJECT CRANE	
PROJECT HOIST	
PROJECT CONCRETE	
PROJECT REINFORCEMENT	
PROJECT FORMWORK	
PROJECT Scaffolding	
PROJECT SHIELDING	
PROJECT PROTECTIVE	
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PROJECT WARNING	
PROJECT SIGNAGE	
PROJECT LIGHTING	
PROJECT SOUND	
PROJECT VIBRATION	
PROJECT POLLUTION	
PROJECT AIR QUALITY	
PROJECT WATER QUALITY	
PROJECT SOIL QUALITY	
PROJECT GEOTECHNICAL	
PROJECT FOUNDATION	
PROJECT STRUCTURE	
PROJECT FRAME	
PROJECT WALL	
PROJECT COLUMN	
PROJECT BEAM	
PROJECT SLAB	
PROJECT DECK	
PROJECT ROOF	
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PROJECT ENTERTAINMENT	
PROJECT RECEPTIONS	
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PROJECT PATRONS	
PROJECT DONORS	
PROJECT MEMBERS	

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RAMP SECTION BB @ 1:200

BASIC REQUIREMENTS:

Units	Additional Requirements
A01	R1.0 Insulation in floor
A02	R1.0 Insulation in floor
A03	R1.0 Insulation in floor
A04	R2.0 Insulation in floor + Aluminium DG Air Fill
A05	Low Solar Gain Inlet-E-Clear: U = 4.90; SHGC = 0.33
A06	R2.0 Insulation in floor + Aluminium DG Air Fill
B01	Low Solar Gain Inlet-E-Clear: U = 4.90; SHGC = 0.33
B02	R1.0 Insulation in floor
B03	R1.0 Insulation in floor
B04	R2.0 Insulation in floor + Aluminium DG Air Fill
B05	Low Solar Gain Inlet-E-Clear: U = 4.90; SHGC = 0.33
B06	R2.0 Insulation in floor + Aluminium DG Air Fill
B11	R1.0 Insulation in floor
C01	non-conditioned space
C02	R1.0 Insulation in floor
C03	R1.0 Insulation in floor
C04	R1.5 Insulation in floor
C05	R1.0 Insulation in floor
C06	R1.0 Insulation in floor
C07	R1.5 Insulation in floor
C08	R1.0 Insulation in floor
C09	R1.0 Insulation in floor
C10	R1.0 Insulation in floor
C11	R1.0 Insulation in floor
C12	R1.0 Insulation in floor
C13	R1.0 Insulation in floor
C14	R1.0 Insulation in floor
C15	R1.0 Insulation in floor
C16	R1.0 Insulation in floor
C17	R1.0 Insulation in floor
C18	R2.0 Insulation in roof
C19	R2.0 Insulation in roof
C20	R2.0 Insulation in roof
C21	R2.0 Insulation in roof
C22	R2.0 Insulation in roof
C23	R2.0 Insulation in roof

External Walls: Hebel 75mm; Air Gap: R2.0 Insul; pbd

Internal Walls: Hebel 75mm; pbd

Within Units: Plasterboard on studs (R1.0 Insulation)

Partitions: Common Walls: pbd; 90.5 Insul; 75mm AAC; AG: R1.5 Insul; pbd

Windows: Aluminium SG Clear: U = 6.70; SHGC = 0.70; 53 - SEE TABLE BELOW FOR UNITS REQUIRING HIGHER GLAZING REQUIREMENTS

Roof (Top levels only): Concrete slab 150mm - Drained Tile walking surface - R2.0 Insulation under slab - Susp Ceiling under

BASEMENTS: R2.0 Insulation - SEE TABLE BELOW FOR UNITS REQUIRING INSULATION

Glazing: Low-e double glazing in wet areas and carport elsewhere

Lighting: Ceiling and Downlights must be recessed

Daylight: Clear Air DG DEFAULT ROOF WINDOW 300mm 02: U = 4.22; SHGC = 0.72

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ACCESS	DESIGN INPUT CONSULTING
QUANTITY SURVEY	MANAGE
MANAGE	MANAGE
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TRAFFIC	TRAFFIC
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ACQUITTE	ACQUITTE
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25 INGERSBURN RD
PROPOSED DEVELOPMENT

BOUNDARY

BOUNDARY

LEVEL 01
R/L 10.20

LEVEL 02
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LEVEL 03
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LEVEL 04
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LEVEL 05
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LEVEL 192

	Additional Requirements	
A01	R1.0 insulation in floor	
A02	R1.0 insulation in floor	
A03	R1.0 insulation in floor	
A04	R1.0 insulation in floor	
A05	R2.0 insulation in floor - Aluminium DG Air Fill R2.0 Steel Gain below Clear: U = 4.96; SHGC = 0.33 Low Solar Gain below Clear: U = 4.96; SHGC = 0.33	
B01	R1.0 insulation in floor	
B02	R1.0 insulation in floor	
B03	R1.0 insulation in floor	
B04	R2.0 insulation in floor - Aluminium DG Air Fill R2.0 Steel Gain below Clear: U = 4.96; SHGC = 0.33 Low Solar Gain below Clear: U = 4.96; SHGC = 0.33	
B05	R2.0 insulation in floor - Aluminium DG Air Fill R2.0 Steel Gain below Clear: U = 4.96; SHGC = 0.33 Low Solar Gain below Clear: U = 4.96; SHGC = 0.33	
B11	R1.0 insulation in floor - Aluminium DG Air Fill R1.0 insulation in kitchen floor above	
E06	R1.0 insulation in floor	

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Internal Walls:

Within Units: Plasterboard on studs (R-0.9 insulation) - **SEE TABLE BELOW FOR UNITS REQUIRING HIGHER GLAZING REQUIREMENTS**

Windows: Aluminum SG Clear - U = 6.70; SHGC = 0.70-53 - **SEE TABLE BELOW FOR UNITS REQUIRING HIGHER GLAZING REQUIREMENTS**

Roofs: TruLink Insulation - R-15 - **SEE TABLE BELOW FOR UNITS REQUIRING HIGHER GLAZING REQUIREMENTS**

Ceiling: Plasterboard (no insulation) - **SEE TABLE BELOW FOR UNITS REQUIRING INSULATION**

Floor: Concrete slab (no insulation) - **SEE TABLE BELOW FOR UNITS REQUIRING INSULATION**

Skylights: Clear AL DG DEFAULT WINDOW System 02 - U = 4.42; SHGC = 0.72

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ARCHITECT



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Academy Building
Lahore 74400, Pakistan
Rajmwood New City

35 INGEGBURN RD, LEPPINGTON	DATE 19/12/2019		PROJECT NO. 10	PROJECT TITLE DN
SHEIKH M. IRMAN KHALIS	SCALE 1:300	PROJECT NO. 10		PROJECT TITLE DN

SECTION DD	DA	A 1404	B	D-3-C	36.16
	UNCLASSIFIED NAME: N				

GROUND FLOOR PLAN

@ 1:600

2052.17 SQM



LEVEL 01 @ 1:600

2203.81 SQM



LEVEL 02 @ 1:600

2203.81 SOM



LEVEL 03 @ 1:600

2203.81 QM

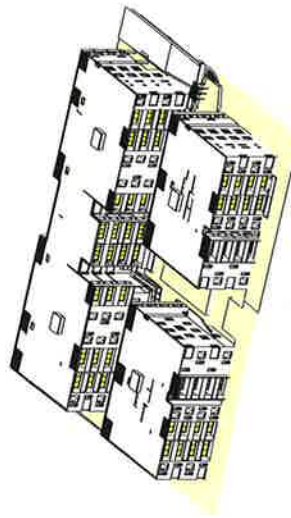


GFA CALCULATION

SITE AREA: 5612.70 SQM
GFA: 8663.60 SQM

8663.60 SQM

TOTAL GFA: 8663.60 SQM



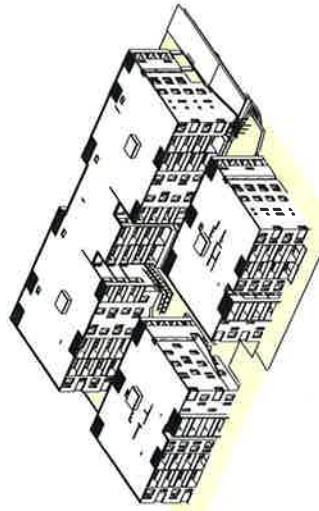
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21 JUNE WINTER SOLSTICE



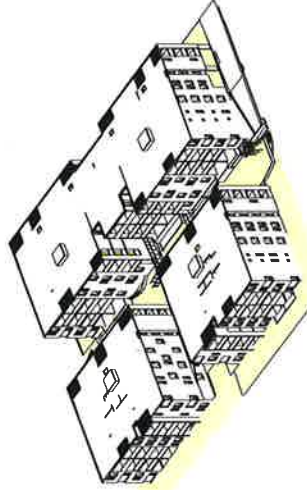
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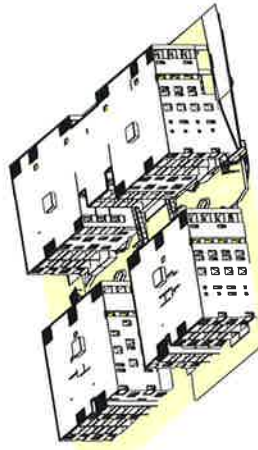
9 AM
21 JUNE WINTER SOLSTICE



12 PM
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1 PM
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2 PM
21 JUNE WINTER SOLSTICE



3 PM
21 JUNE WINTER SOLSTICE

3D SOLAR ACCESS STUDY-LIVING ROOM

- ✓ 2H SOLAR ACCESS BETWEEN 9AM - 3PM
- ✓ 1H SOLAR ACCESS BETWEEN 9AM - 3PM
- ✓ SOLAR TO COMMUNAL SPACE BETWEEN 9AM - 3PM

SOLAR ACCESS ≥ 2HRS: 79 (81%)
 SOLAR ACCESS ≥ 1HRS: 4 (5%)
 NO SOLAR ACCESS : 14 (14%)
 TOTAL NUMBER OF UNITS: 97

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ACCESS
 QUANTITY SURVEY
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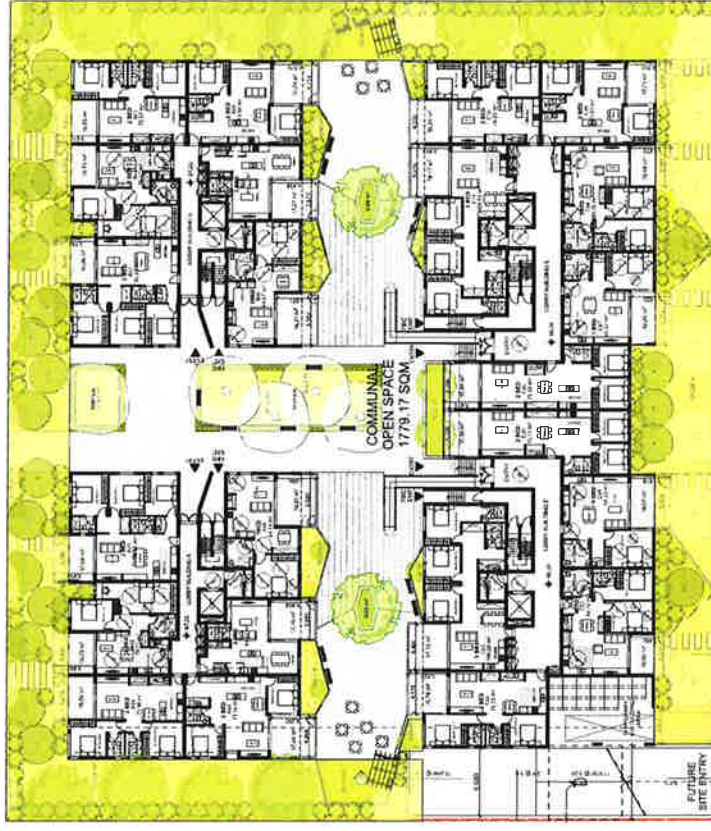
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35 INGBURN RD, LEPPINGTON
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PROJECT NAME: LANDSCAPE CALCULATION		DRAWING NUMBER: DA A 2030	
35 INGBURN RD. LEPPINGTON SHAIKH M. IRMAN KHAN			
ARCHITECT GHAZI AL ALI 10/127-1751, 11, Al-Fayha Street, DUBAI, U.A.E.		PROJECT NUMBER: DA A 2030	
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SHADOW DIAGRAM
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