#### **CODES & STANDARDS**

- All workmanship is to be of a standard equal in all respects to good practice.
- All work shall conform to local building codes and bylaws which may take precedence.
- Prior to proceeding with construction, the owner/builder must verify all information, dimensions, and specifications of this plan. Written dimensions always take precedence over scale measurements.

#### SITE SPECIFICATIONS

- Building and site grade elevations shall be confirmed with utility providers and local authorities and comply with utility service and site drainage requirements.
- All building and utility excavation shall be filled and compacted in 12" layers to a minimum 95% proctor
- density to ensure minimal settlement. Dimensions are shown to exterior of rough framing (exterior sheathing) on exterior walls and to the face of stud on interior walls (wood stud).
- Contractor is to verify all dimensions prior to construction

#### **CONCRETE & FOOTINGS**

- All concrete to have a minimum compressive strength of 2,900 PSI (20MPA) at 28 days.
- Concrete footings must be placed on undisturbed or compacted soil to an elevation below frost
- penetration. All foundation walls 24" (600mm) and higher should have one horizontal 10mm reinforcing bar 3" (75mm) from the top corner. Reinforcing to be lapped
- minimum 24" (600mm) • All footings are to have two 1/2" (#4) reinforcing bars. The reinforcing bars are to be situated such that one bar is 3" (75mm) clear of the side and bottom of the footing on both sides of the footing.
- Grades shown on elevation are estimated. Adjust on site as required.

 All dimensions and gridlines at exterior walls are to edge of stud. Interior dimensions are to middle of stud, unless otherwise noted.

unless otherwise specified on the plan. All beam and

lintel sizes shown on the drawings to be reviewed and

confirmed by truss manufacturer and contractor. Any

manufacturer take precedence. Wood in contact with

concrete shall be dampproofed with a sill plate gasket

anchor bolts. Maximum 6ft O.C. or other approved

Flush framed wood members shall be anchored with

Stamped and sealed shop drawings shall be provided

for all structural beam, floor, and roof systems.

• Lintels are (2) 2x10" SPF w/ 2" thick rigid insulation

Provide 2x6" solid blocking at towel bars, toilet paper

Refer to Floor\wall\roof\ schedule for insulation type.

Walls and ceilings between residence and attached

All roof spaces shall be ventilated with soffit, roof, or

distributed between the top of the roof space and

gable vents, or a combination of these. equally

Insulation requirements may vary with heating

systems and with local conditions.

holders, coat hooks, mirrors, and wall mounted

200lb joist hangers unless otherwise specified.

beam or lintel sizes provided by truss/floor

Plates are to be anchored to concrete with 1/2"

and pressure treated

sealed at perimeter U.N.O.

Minimum insulation requirements:

Roof/Ceiling - R 60

Walls - 2 x 6 - R 24

Garage Ceiling - R 32

garage shall be insulated.

vanities

**INSULATION/VENTILATION** 

hardening caulking compound. Flash all changes of materials on exterior walls. • Framing lumber shall be number 2 or better spruce

**MISCELLANEOUS** 

- Flash over all exterior openings.
- All siding or stucco to be a minimum of 6" (150mm) above finished grade.

Caulk over and around all exterior openings using non-

- All balcony railings to be 3'6" (1070mm) in height. Maximum spacing between vertical members is 4" (100mm). Minimum distance between horizontal rails to be 32" (800mm).
- Coat and clothes closets shall have at least one rod and shelf with minimum depth of 24" unless otherwise stated.

Where tubs or showers occur, provide moisture resistant gypsum board.

#### **ELECTRICAL SPECIFICATIONS**

- 200AMP service connection.
- All exterior wall electrical junction boxes to have airtight foam gasket, provide spray foam at wire
- All electrical outlet and fixtures locations are to be confirmed
- All electrical outlets services and fixtures to comply with current electrical codes. all electrical services to be installed by a qualified tradesperson.
- height of standard outlets (center of box)
  - wall outlets 14"
  - switches 46" outlets above countertop 6"

#### **HVAC SPECIFICATIONS**

designer.

- All HVAC systems to comply with BC Building Code. All HVAC systems to be designed by a qualified
- All fixtures and materials to be CSA approved.
- All equipment and appliances to be installed and

tested as per trade standards.

Municipal Address	484 Sarsons R	kd
Lot 5, Plan KAP16224		
Zone	RU1	
Site Area	847.03 SM	9,117.40 SF
Site Width	23.47 M	77.00 F
Site Depth	36.11 M	118.47 F
Max. Density	4 Dwelling Uni	its Per Lot
Site Coverage		
<u>Buildings</u>		
Principal - Town Houses (Total of 4 units)	418.16 SM	4,501 SF
Percentage (55% max for 3 or more dwelling units) 49%		
Driveways/Parking/Impermeable Surfaces	141.38 SM	1,521.84 SF
Percentage (75% max for lots with 3 or more dwellings)	66%	
Parking Requirements	Required	Provided
COK Parking Bylaw Table 8.3	5	5
Building Height		
Principal - Town Houses (Max 11.0 m & 3-Storeys)	7.70 M	25.25 F
Setbacks	Required	Provided
Front Yard Setback	3.0 M	7.57 M
Front Yard Setback (Garage)	6.0 M	7.57 M
Side yard Setback (East)	2.1 M	2.32 M
Side Yard Setback (West)	2.1 M	2.25 M
Rear Yard Setback	3.0 M	3.52 M

** HEIGHTS, SQUARE FOOTAGES, COVERAGE, ETC. SUBJECT TO CHANGE UPON FINAL DESIGN	
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AFS/G	
	5V6

March 10, 2025 **Document Phase: Design Development** 

**Document Date:** 

rev. date remark Design Coverage Plan 02/05/25 Issue For Review

02/07/25 Pre-Application Package 02/25/25 Clarify Soft Landscape % 03/10/25 Development Permit Plan

DATA SHEET

### **Wall Assembly Legend**

## \W1,

**EXTERIOR WALL - T&G** - 1/2" (13mm) GWB

- 6 mil POLY VAPOUR BARRIER WITH SEALED SEAMS R24 FIBERGLASS BATT INSUL

- 2x6" (38x140mm) STUDS @ 16" (400mm) O.C.
- 1/2" (13mm) PLYWOOD SHEATHING - TYVÈCK BÚILDING WRAP - TAPE, LAP AND STAGGER ALL SEAMS
- 1x6" (19x140mm) T&G WOOD SIDING

### \ W2 /

**EXTERIOR WALL - STUCCO SIDING** 

- 1/2" (13mm) GWB - 6 mil POLY VAPOUR BARRIER WITH SEALED SEAMS
- 2x6" (38x140mm) WOOD STUDS @ 16" (400mm) O.C. - R24 FIBERGLASS BATT INSUL
- 1/2" (13mm) OSB SHEATHING
- TYVECK BUILDING WRAP TAPE, LAP AND STAGGER ALL SEAMS
- METAL LATHE FURRING - STUCCO FINISH



INTERIOR WALL - 1/2" (13mm) GWB

- 2x4" (38x89mm) WOOD STUDS @ 16" (400mm) O.C. - 1/2" (13mm) GWB

INTERIOR WALL - INSULATED



- 1/2" (13mm) GWB

- 2x4" (38x89mm) WOOD STUDS @ 16" (400mm) O.C. - 3-1/2" (89mm) SOUND INSUL TO SUIT STUD CAVITY. - 1/2" (13mm) GWB



INTERIOR SERVICE WALL - 1/2" (13mm) GWB

- 2x6" (38x140mm) WOOD STUDS @ 16" (400mm) O.C. - 1/2" (13mm) GWB



INTERIOR SERVICE WALL - INSULATED - 1/2" (13mm) GWB

- 2x6" (38x140mm) WOOD STUDS @ 16" (400mm) O.C. - 5-1/2" (140mm) SOUND INSUL. TO SUIT STUD CAVITY - 1/2" (13mm) GWB



**FOUNDATION WALL** 

MINIMUM COMPRESSIVE STRENGTH 25lbs/psi -8" (200mm) CONCRETE FOUNDATION WALL - BITUMINOUS DAMP PROOFING TO GRADE - R15 (3" THK (76mm)) XPS RIGID INSUL. MINIMUM COMPRESSIVE STRENGTH 25lbs/psi - WR MEADOWS PARGE ALL 825 ON RIGID INSULATION A

- R20 (4" THK (100mm)) EPS RIGID INSUL. TYPE 4,

MINIMUM OF 4" (100mm) BELOW GRADE - PERFORATED WEEPING TILE, DRAIN CLOTH & 6+" (150mm) DRAIN ROCK AROUND PERIMETER OF HOUSE FOOTING

\ W6 /

PARTY WALL - 1HR F.R.R.

- 2 LAYERS 5/8" (16mm) TYPE-X DRYWALL - 2x4" (38x89mm) WOOD STUDS @ 16" (400mm) O.C.

- SOUND INSUL TO SUIT STUD CAVITY - 1" (25mm) AIR GAP

- 2x4" (38x89mm) WOOD STUDS @ 16" (400mm) O.C. - SOUND INSUL TO SUIT STUD CAVITY

- 3/4" (19mm) SONOPAN OR APPROVED EQUAL - 5/8" (16mm) TYPE-X DRYWALL

#### **Roof Assembly Legend**

ROOF TRUSSES - ASPHALTH SHINGLE ROOF - PROLOK STANDING SEAM METAL

- ROOFING UNDERLAYMENT LAPPED 6" (150mm) W/ 6'-0" (1830mm) ICE AND WATER SHIELD @ EAVES

- 1/2" (13mm) OSB SHEATHING - ENGINEERED TRUSSES AS PER TRUSS MANUF.

- R60 FIBERGLASS BATT INSUL BETWEEN TRUSS CHORDS - 6 mil POLY VAPOUR BARRIER TAPED AND SEALED SEAMS - 5/8" (16mm) GWB

FLAT ROOF

- 2-PLY SBS ROOF MEMBRANE - 3/4" (19mm) EXTERIOR PLYWOOD SHEATHING

- 5/8" (16mm) GWB CEILING

LAP JOINTS

- TRUSS JOISTS / I-JOISTS AS PER MANUF. - R60 FIBERGLASS INSULATION TO SUIT

TRUSS/ JOIST CAVITY - 6MIL POLY VAPOUR BARRIER TAPE AND **INSULATED TIMBER FLOOR** - 1/2" ENG. HARWOOD FLOORING

> - 3/8" UNDERLAY (LINO OR TILE AREAS) - 3/4" PLYWOOD SUBFLOOR - 2x10" FLOOR JOISTS @ 16" O.C.

**CLOSED CELL SPRAY FOAM** 

Floor Assembly Legend

- ACOUSTIC INSUL. TO SUIT JOIST CAVITIES - 5/8" DRYWALL \*FILL END OF JOIST CAVITIES W/ R22 2lb

(F3)

S.O.G. FLOORING - 4" CONCRETE SLAB ON GRADE ON 6x6 10-ga WWM REINFORCING ON CHAIRS - 6 mil POLY VAPOUR BARRIER WITH SEALED

- R15 (3" THICK) EPS RIGID INSUL. TYPE 4, MIN. COMPRESSIVE STRENGTH 25 LBS/PSI - COMPACTED GRANULAR FILL & PREPARED SUBGRADE - REFER TO GEOTECH REPORT IF **AVAILABLE** 

WOOD SLAT FLOOR - 2x4" (38x89mm) FLOOR JOISTS @ 2.5"

(65mm) O.C.

### **Sheet Index**

### ARCHITECTURAL DRAWINGS

A0DATA SHEET A0.1PERSPECTIVE PERSPECTIVE 2 SUN PATH A2.1SITE PLAN

A2.2DEMOLITION PLAN A2.3FOUNDATION PLAN A2.4 MAIN FLOOR PLAN SECOND FLOOR PLAN ROOF PLAN

NORTH / SOUTH ELEVATION A3.2 EAST / WEST ELEVATION

L0.1 LANDSCAPE PLAN L0.2 CIRCULATION PLAN

**Abbreviations** 

**AFF** ABOVE FINISH FLOOR **ALUM** ALUMINUM **BETWEEN** BTWN. CLR CLEAR F/W FASTENED WITH **GWB** GYPSUM WALL BOARD O.C. ON CENTER OSB ORIENTED STRAND BOARD P.T. PRESSURE TREATED U/S **UNDER SIDE** V.O.S.

WITH

VERIFY ON SITE

# TO THE STATE OF TH LANA. UNIT 2 UNIT 1 2035.00SF 2010.00SF $(189.05m^2)$ (186.74m<sup>2</sup>)GFA GFA

**Unit Sizes** 

Vood hood hood UNIT 3 UNIT 4 1685.00SF 1992.00SF 💆 (156.54m²) (185.06m²) GFA GFA

**SYMBOLS LEGEND** 

door schedule for specific

information

number

Wall type

Floor type

Point Load

Spot Elevation

Load Bearing Partition

Keynote number

Revision number

P1

A P1

 $\backslash W1$ 

F1

Door reference number/Refer to

Detail number/sheet number

Building section number/Sheet



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PERSPECTIVE

A0.1













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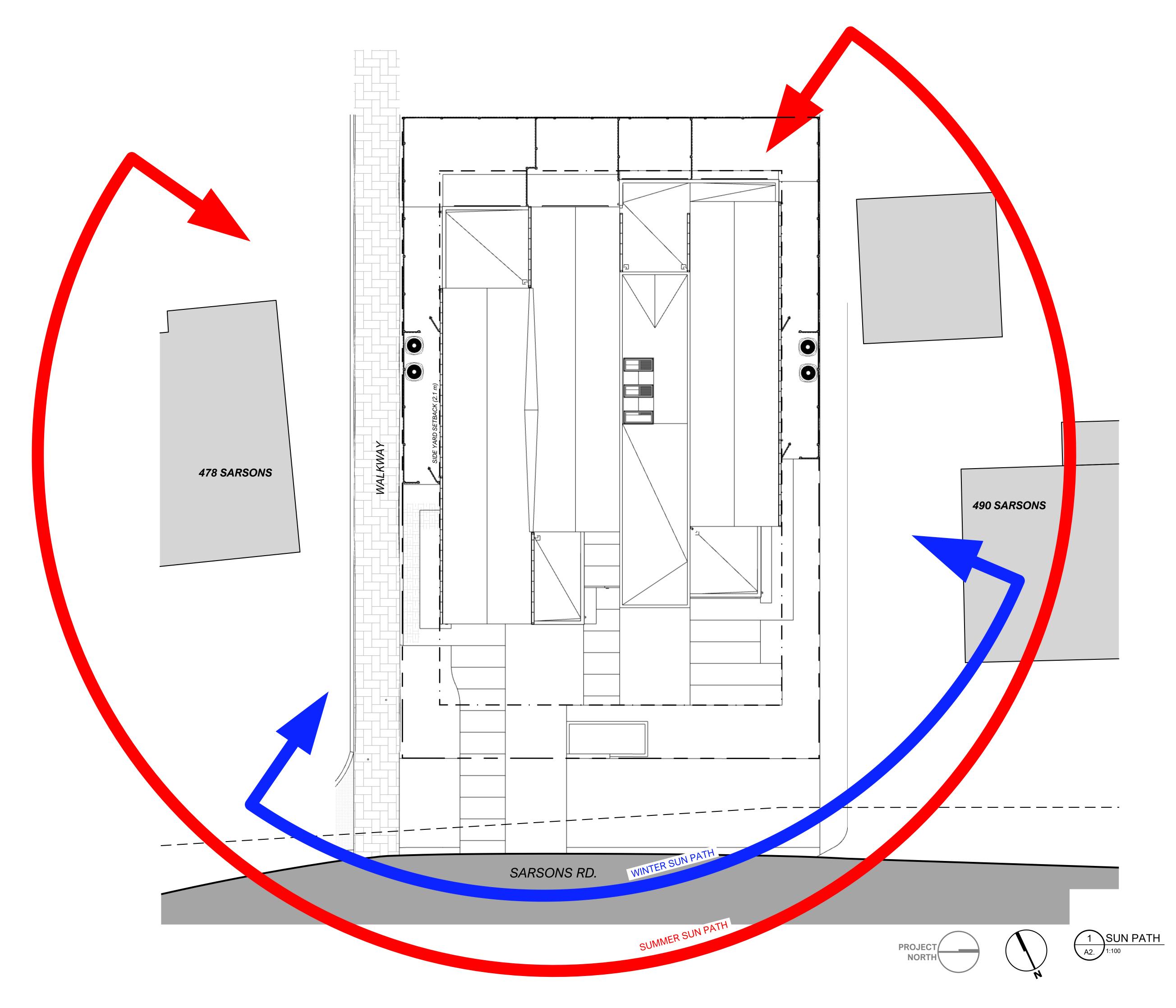
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5	03/10/25	Development Permit Pla

PERSPECTVE

**A0.2** 





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arsons Fourplex

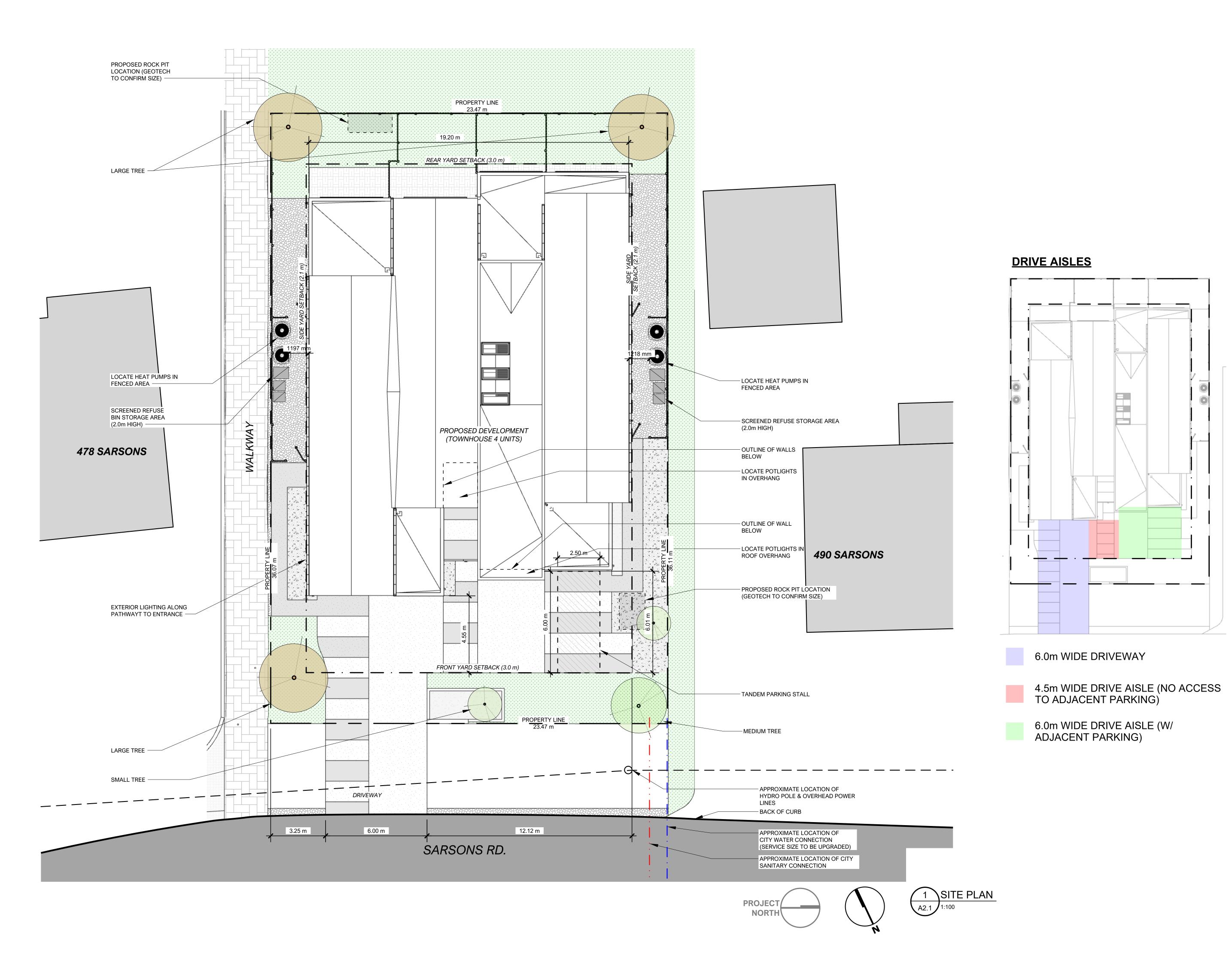
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SUN PATH

A0.3





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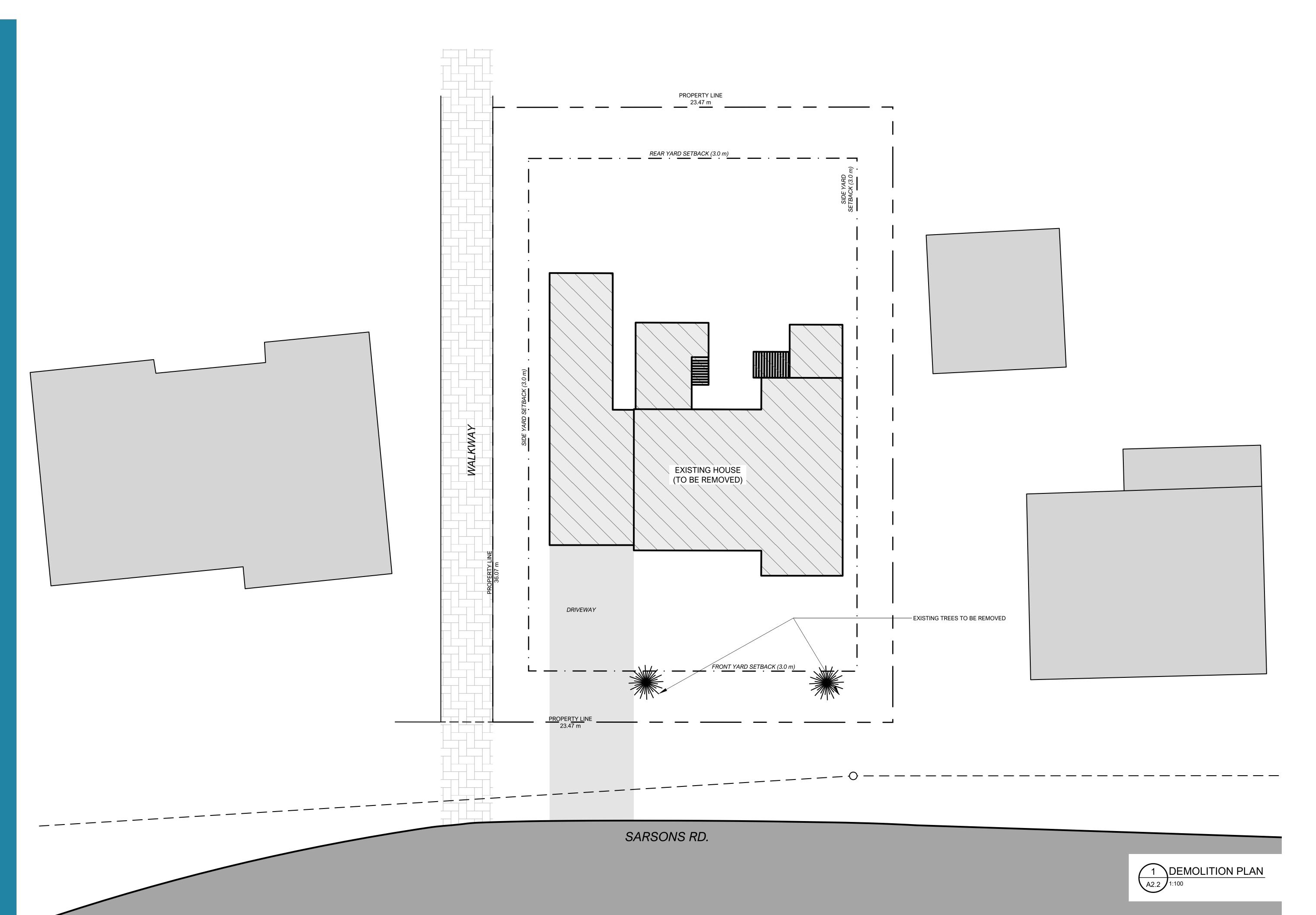
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SITE PLAN





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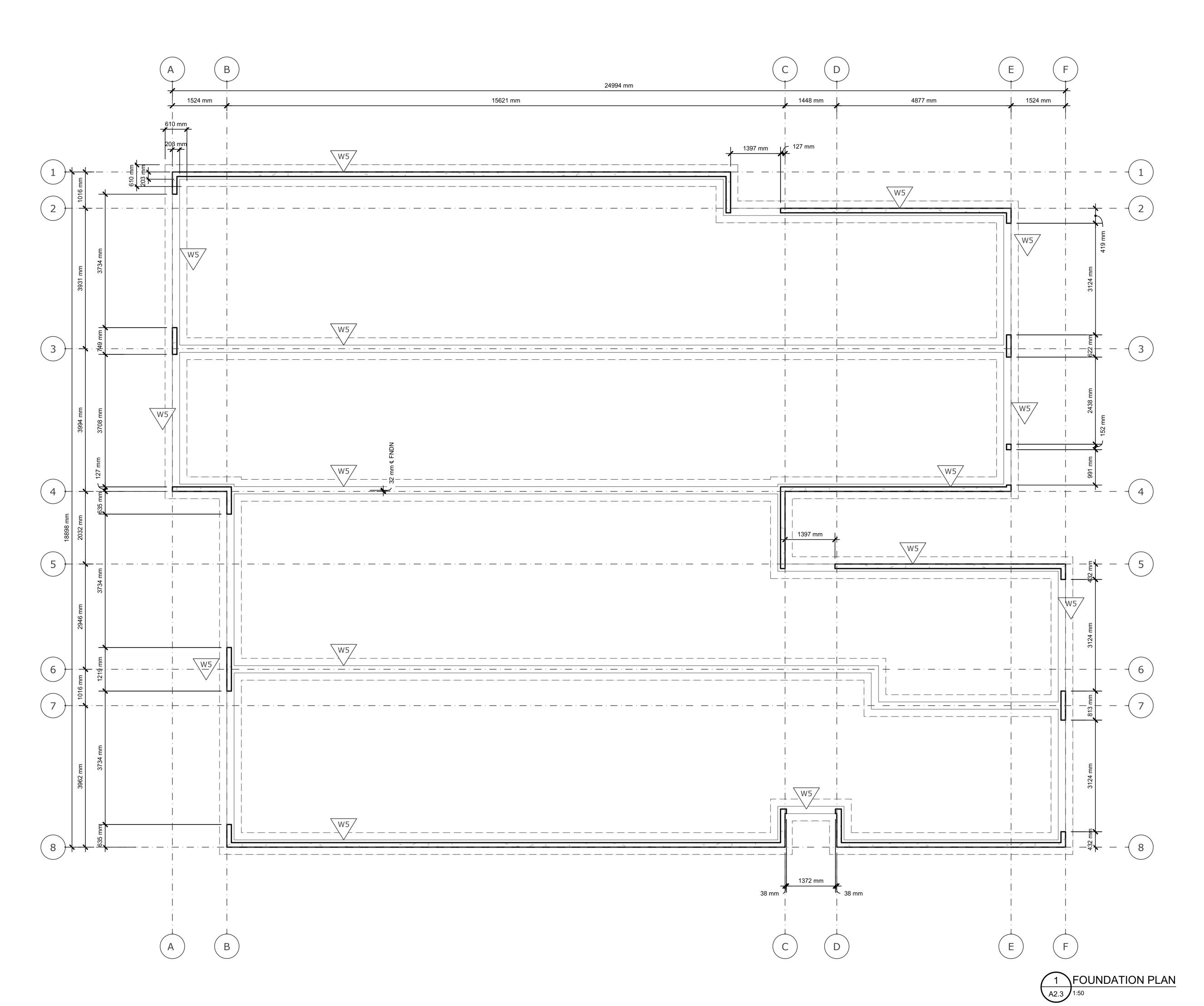
sarsons Fourplex

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DEMOLITION PLAN





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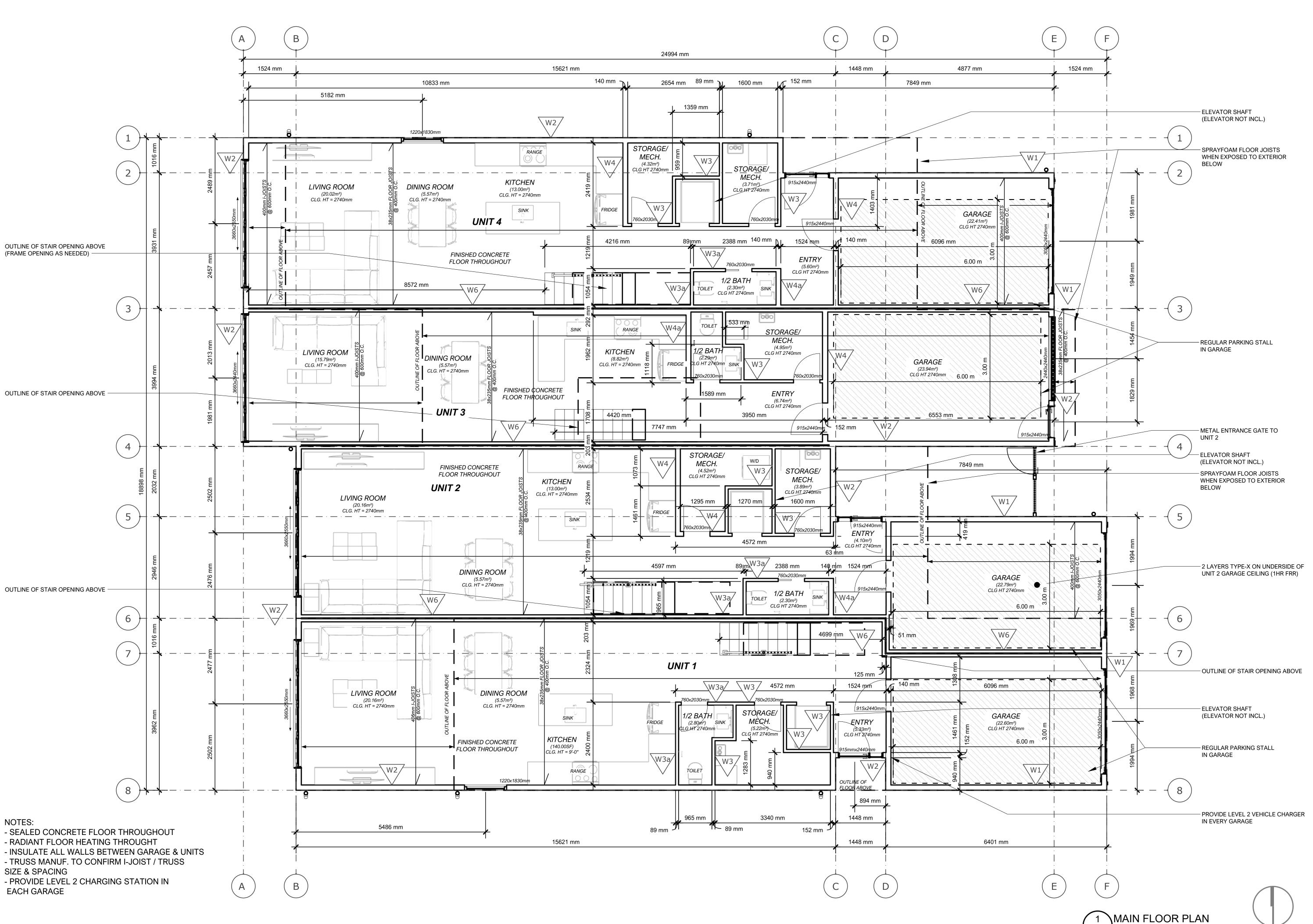
Chris & Jennifer Little
Project Type: Reside

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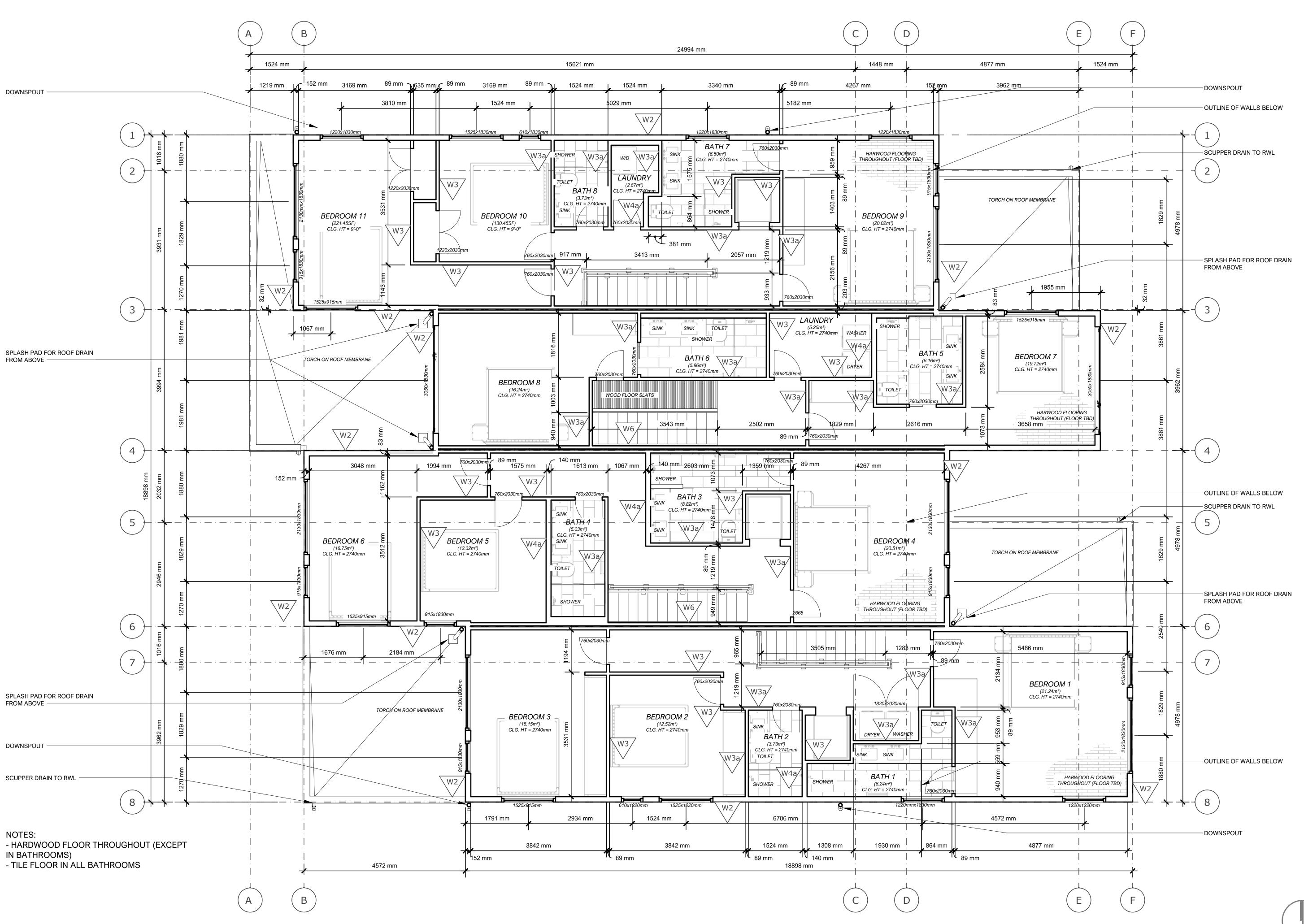


**A2.4** 

MAIN FLOOR PLAN

1:50

PROJECT
NORTH





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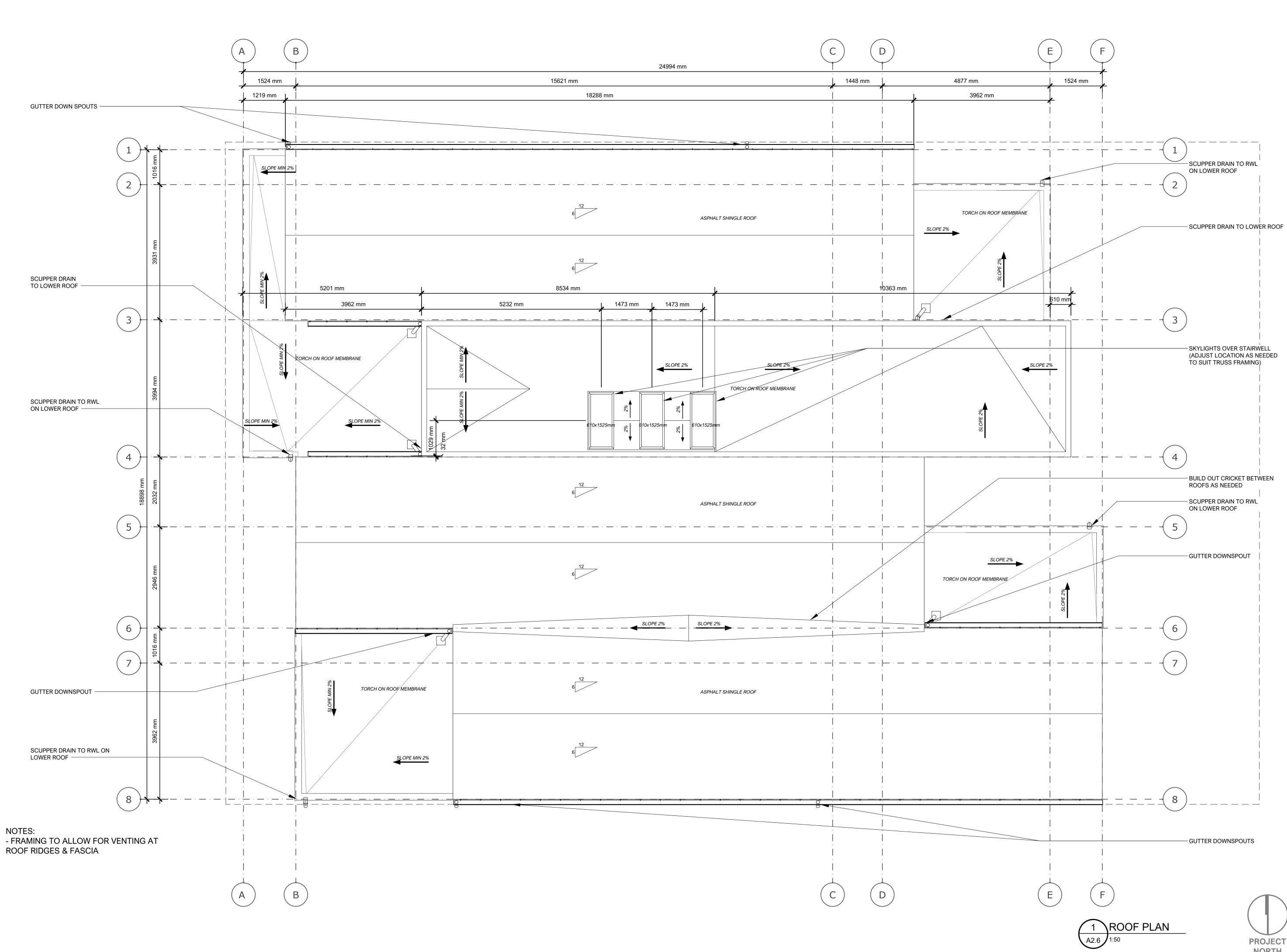
arsons Fourplex

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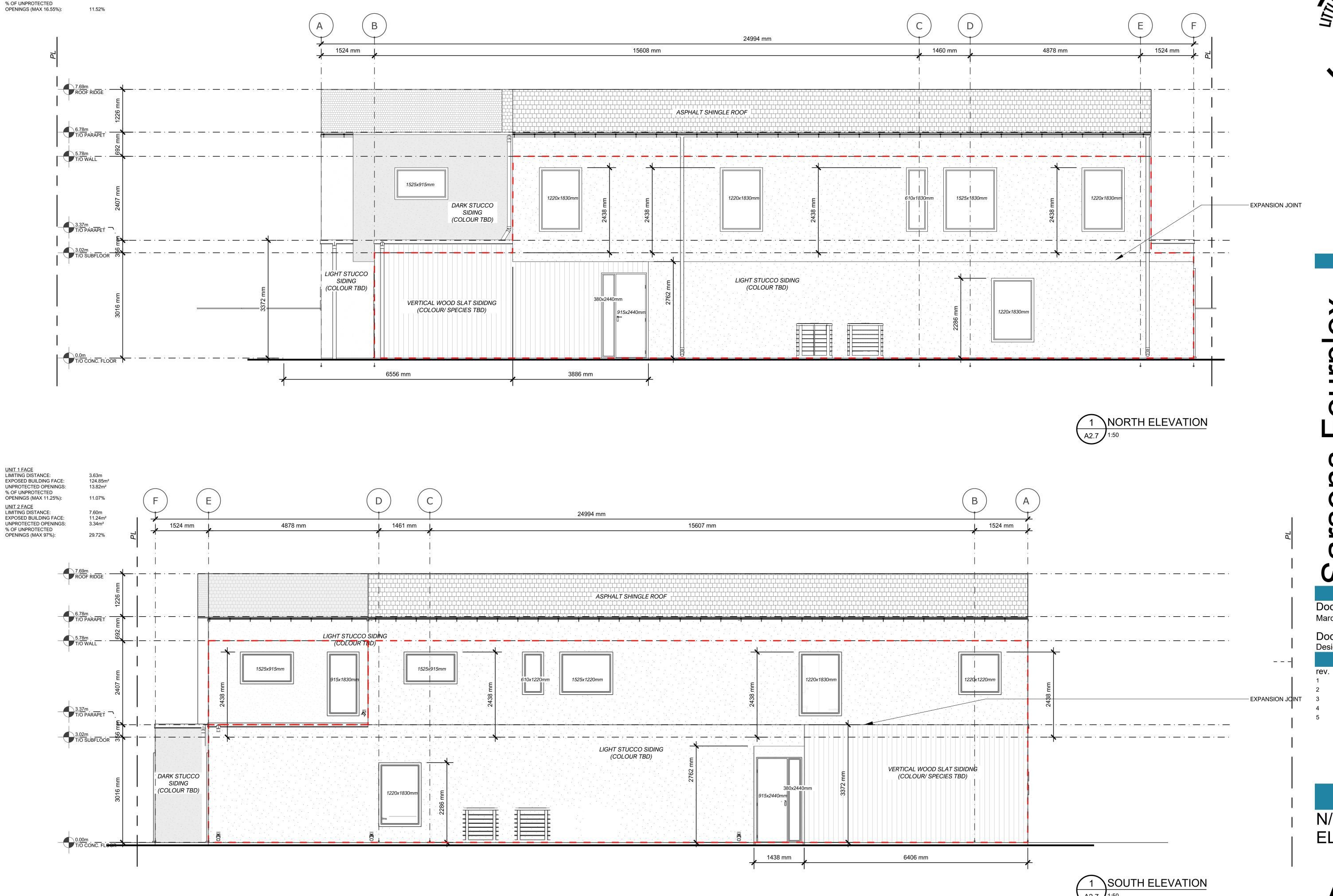
Chris & Jennifer Little
Project Type: Residential Re

Document Date: March 10, 2025

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PESSON BUILD

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Chris & Jennifer Little Project Type: Residential Renovatior

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N/S ELEVATIONS

**A3.1** 

LIMITING DISTANCE: EXPOSED BUILDING FACE:

UNPROTECTED OPENINGS:

5.3m 120.00m²

13.82m²





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Chris & Jennifer Little Project Type: Residential Ren

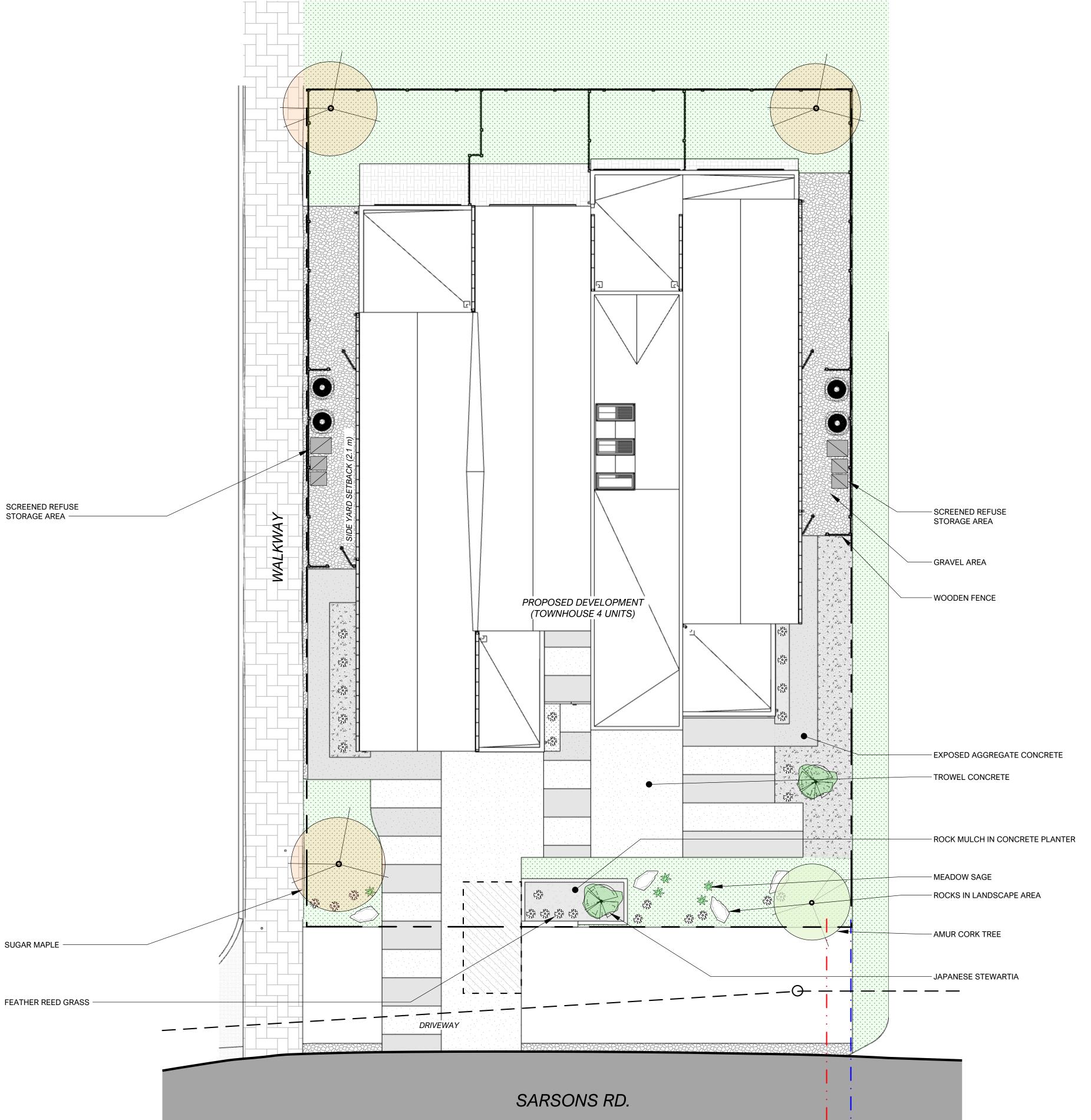
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E/W ELEVATIONS

**A3.2** 



**PROPOSED LANDSCAPE STANDARDS (7.2)** REQ'D Min. Tree Amount Min. Soft Landscape Area Min. Soil Volume Per Tree Large 20m³ Large 20m³ Medium 18m<sup>3</sup> Medium 18m<sup>3</sup> Small 15m<sup>3</sup> Small 15m<sup>3</sup> Min. Deciduous Tree Caliper Large 5cm Large 5cm Medium 4cm Medium 4cm Small 3cm Small 3cm Min. Ratio Between Tree Size Large Min 50% Large 60% Medium No min/max Medium 20%

Landscape Graded Areas: Min. 1:50 slope (2%) for cross slope of landscape area
Fence Height Max 2.0m 2.0m
Refuse & Recycling Screened (y/n) Yes

Small Max 25%

Small 20%

#### **PLANT LIST**

<u> </u>	<u>LIU I</u>		
<b>QTY</b>	LATIN NAME	<b>COMMON NAME</b>	<u>SIZE</u>
<u>TREES</u>			
1	Stewartia pseudocamillia	Japanese stewartia	Min Cal 3cm
1	Phellodendron amurense	Amur cork tree	Min Cal 4cm
3	Acer saccharum	Sugar Maple	Min Cal 5cm
<u>PERENI</u>	ALS		
25	Calamagrostis 'Karl Forester'	Feather Reed Grass	#1
5	Salvia nemorosa	Meadow Sage	#1

#### **NOTES:**

- 1. Concrete planter to be dressed with grey rock mulch
- 2. Site to be watered with fully automated irrigation system
- 3. All structures to have positive drainage
- 4. All materials and methods to conform to Canadian Landscape Standards
- 5. Plant material to be locally sourced where possible



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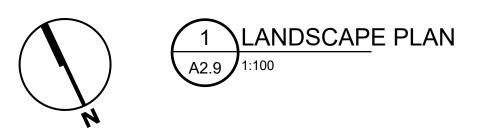
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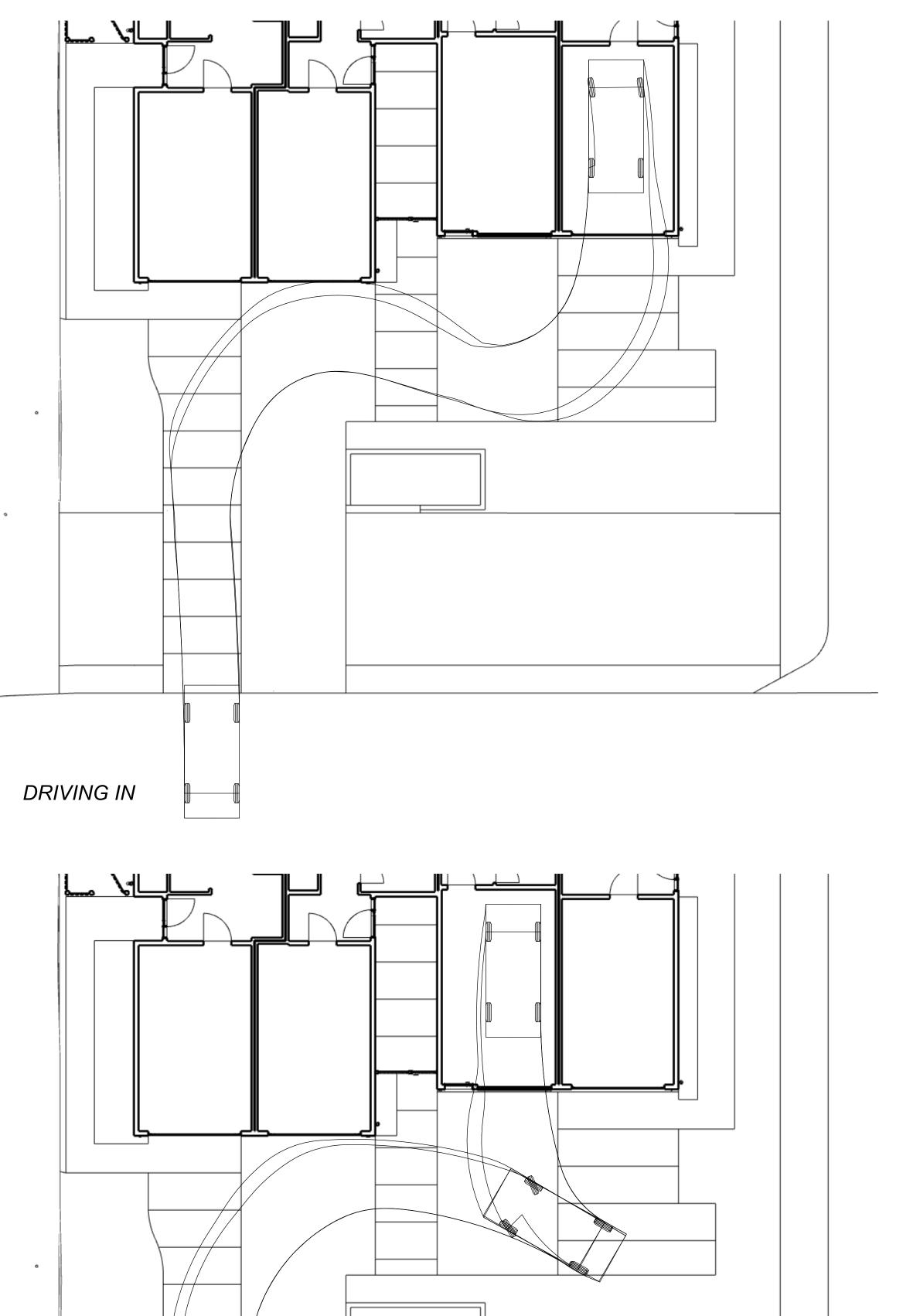
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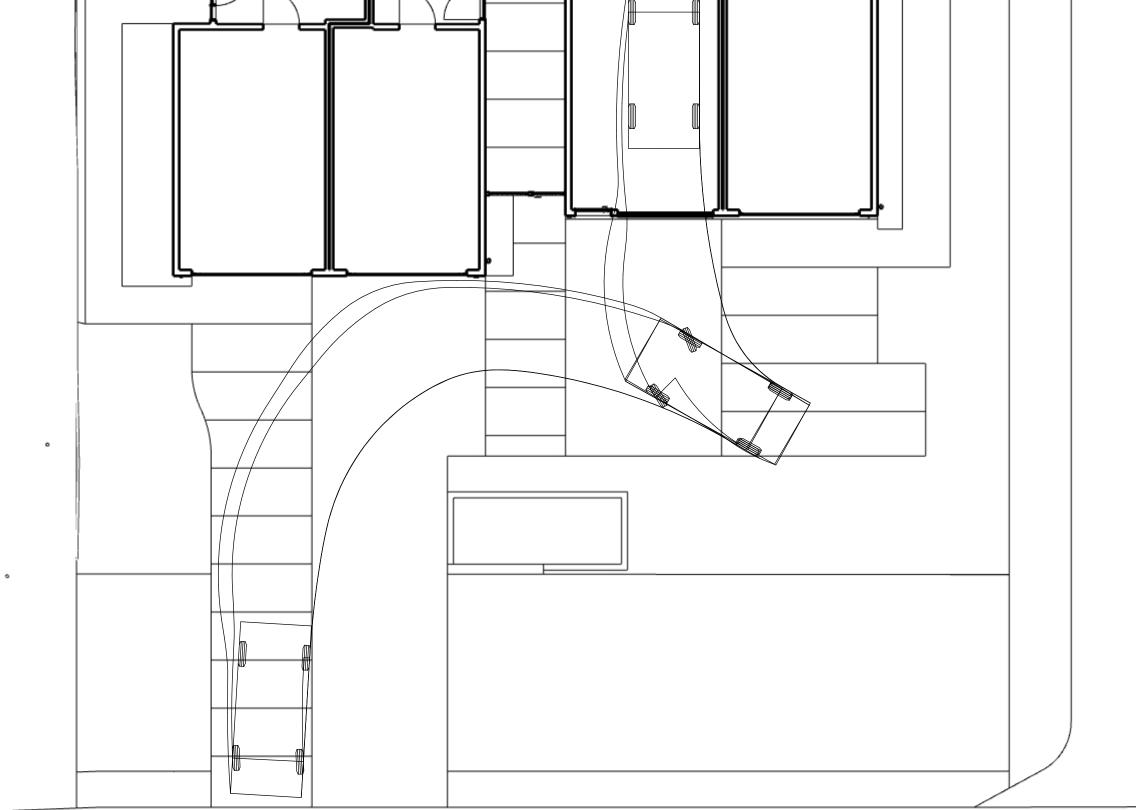
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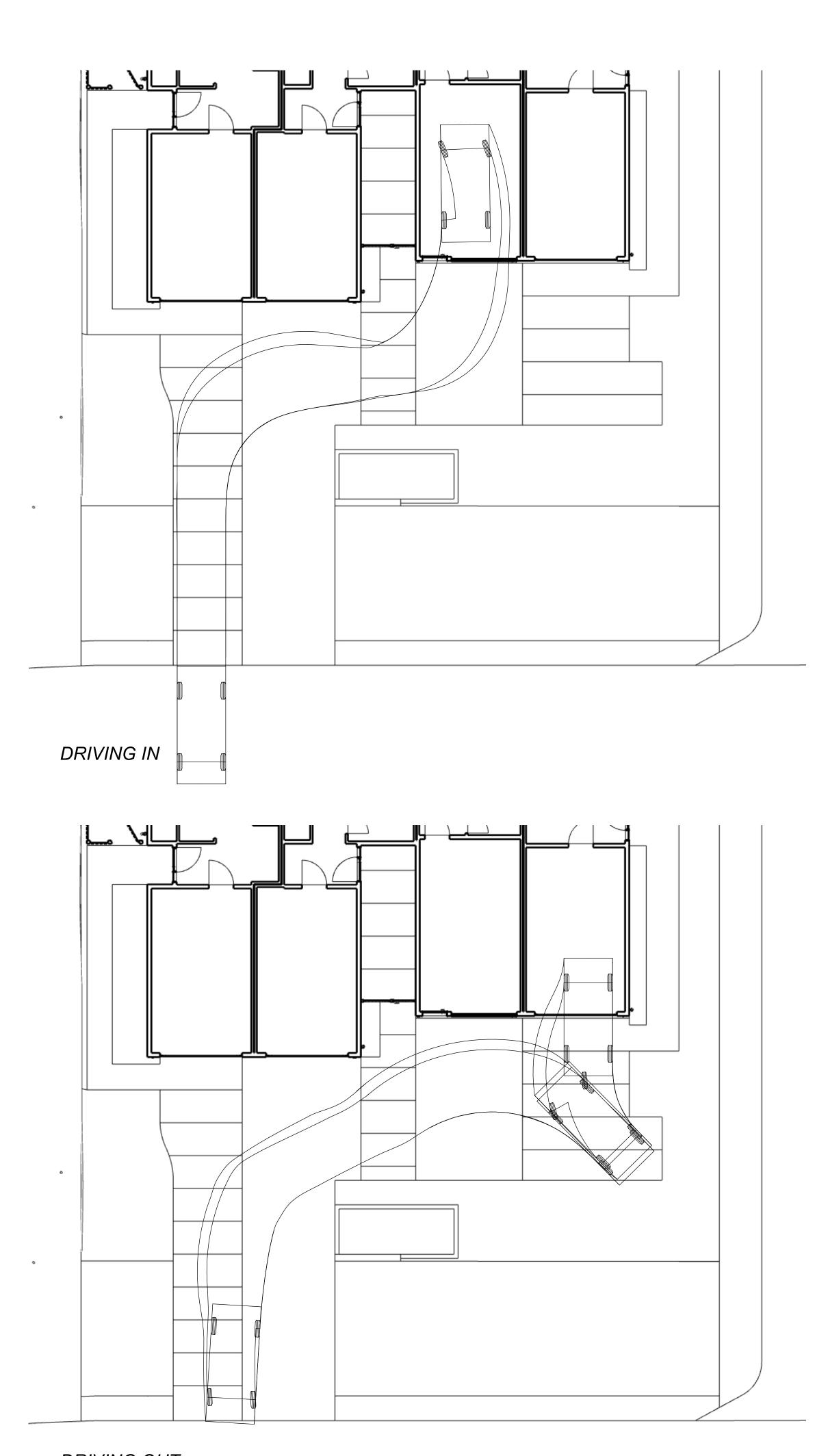
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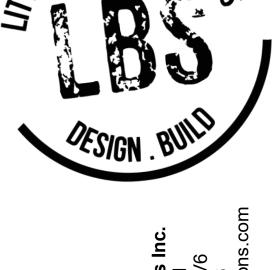






DRIVING OUT





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L0.2