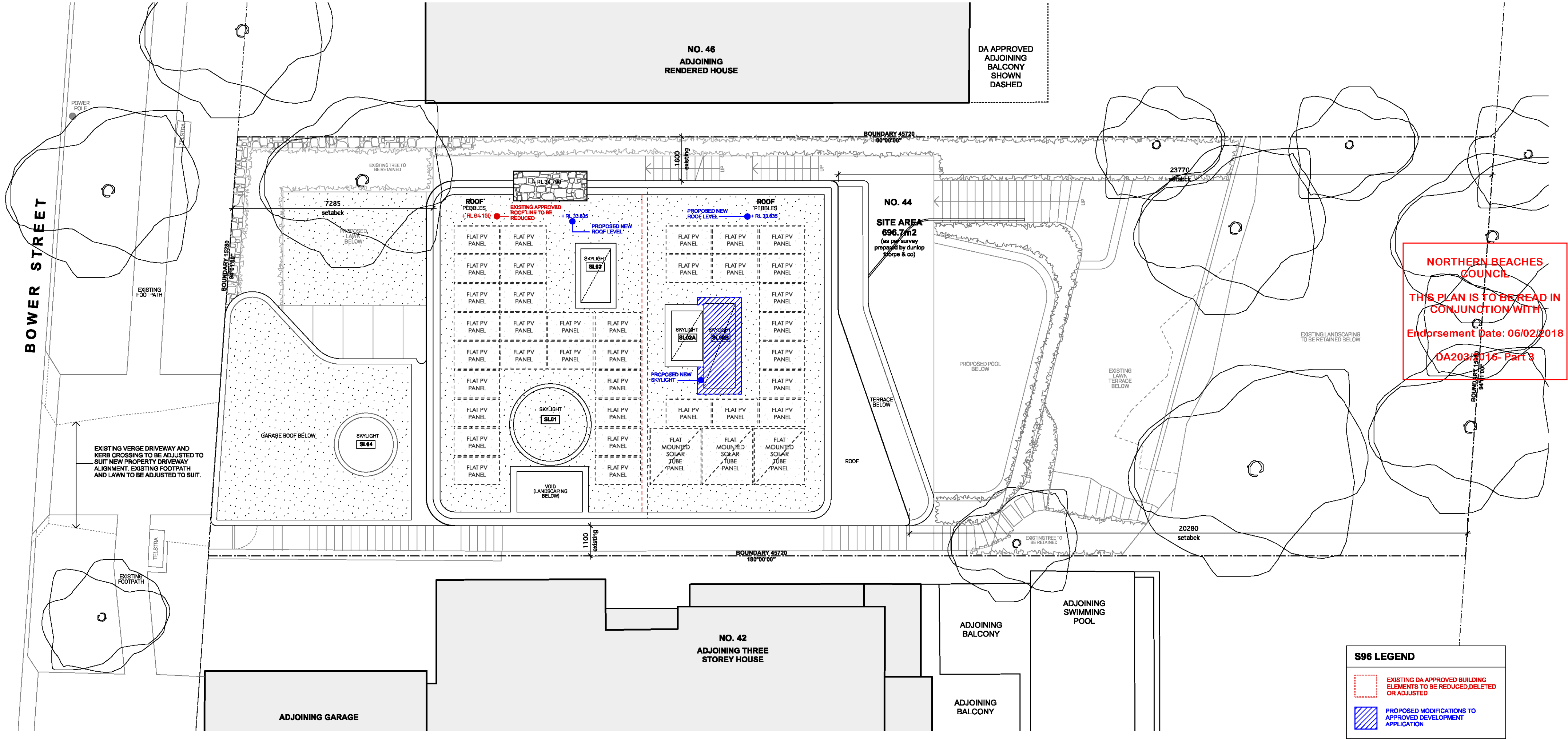


BASIX CERTIFICATE REQUIREMENTS		
WATER COMMITMENTS: LANDSCAPE THE APPLICANT MUST PLANT INDIGENOUS OR LOW WATER USE SPECIES OF VEGETATION THROUGHOUT 10 SQUARE METRES OF THE SITE. FIXTURES THE APPLICANT MUST INSTALL SHOWERHEADS WITH A MINIMUM RATING OF 3 STARS (4-5 l/min) IN ALL SHOWERS IN THE DEVELOPMENT. THE APPLICANT MUST INSTALL A TOILET FLUSHING SYSTEM WITH A MINIMUM RATING OF 4 STARS IN EACH TOILET IN THE DEVELOPMENT. THE APPLICANT MUST INSTALL TAPS WITH A MINIMUM RATING OF 4 STARS IN THE KITCHEN IN THE DEVELOPMENT. THE APPLICANT MUST INSTALL BASIN TAPS WITH A MINIMUM RATING OF 4 STARS IN EACH BATHROOM IN THE DEVELOPMENT. ALTERNATIVE WATER THE APPLICANT MUST INSTALL A RAINWATER TANK OF AT LEAST 5,200 LITRES ON THE SITE. THE APPLICANT MUST CONFIGURE THE RAINWATER TANK TO COLLECT RAIN RUNOFF FROM AT LEAST 138sqm OF THE ROOF AREA. THE APPLICANT MUST CONNECT THE RAINWATER TANK TO: ALL TOILETS IN THE DEVELOPMENT THE COLD WATER TAP THAT SUPPLIES EACH OTHER NUMBER IN THE DEVELOPMENT AT LEAST ONE OUTDOOR TAP IN THE DEVELOPMENT (NOW HEALTHY DOES NOT RECOMMEND THAT RAINWATER BE USED FOR HUMAN CONSUMPTION IN AREAS WITH POTABLE WATER SUPPLY) A TAP THAT IS LOCATED WITHIN 15 METRES OF THE SWIMMING POOL IN THE DEVELOPMENT SWIMMING POOL THE SWIMMING POOL MUST NOT HAVE A VOLUME GREATER THAN 40.5 KILOLITRES THE SWIMMING POOL MUST BE OUTDOORS. THERMAL COMFORT COMMITMENTS: SIMULATION METHOD - REFER TO "AIRSA ASSESSORS CERTIFICATE"		ENERGY COMMITMENTS: HOT WATER THE APPLICANT MUST INSTALL THE FOLLOWING HOT WATER SYSTEM, OR A SYSTEM WITH A HIGHER ENERGY RATING: GAS INSTANTANEOUS 5 STARS. COOLING SYSTEM THE APPLICANT MUST INSTALL THE FOLLOWING COOLING SYSTEM, OR A SYSTEM WITH A HIGHER ENERGY RATING, IN AT LEAST 1 LIVING AREA: SPLIT-SEASON AIR-CONDITIONING: ENERGY RATING: EER ≥ 4.0 THE APPLICANT MUST INSTALL THE FOLLOWING COOLING SYSTEM, OR A SYSTEM WITH A HIGHER ENERGY RATING, IN AT LEAST 1 BEDROOM: SPLIT-SEASON AIR-CONDITIONING: ENERGY RATING: EER ≥ 4.0 THE COOLING SYSTEM MUST PROVIDE FOR DAY/NIGHT ZONING BETWEEN THE LIVING AREAS AND BEDROOMS. HEATING SYSTEM THE APPLICANT MUST INSTALL THE FOLLOWING HEATING SYSTEM, OR A SYSTEM WITH A HIGHER ENERGY RATING, IN AT LEAST 1 LIVING AREA: SPLIT-SEASON AIR-CONDITIONING: ENERGY RATING: EER ≥ 4.0 THE APPLICANT MUST INSTALL THE FOLLOWING HEATING SYSTEM, OR A SYSTEM WITH A HIGHER ENERGY RATING, IN AT LEAST 1 BEDROOM: SPLIT-SEASON AIR-CONDITIONING: ENERGY RATING: EER ≥ 4.0 THE HEATING SYSTEM MUST PROVIDE FOR DAY/NIGHT ZONING BETWEEN THE LIVING AREAS AND BEDROOMS. VENTILATION THE APPLICANT MUST INSTALL THE FOLLOWING EXHAUST SYSTEMS IN THE DEVELOPMENT: AT LEAST 1 BATHROOM: INDIVIDUAL FAN, DUCTED TO PACKAGE OR ROOF; OPERATION CONTROL: MANUAL SWITCH ON/OFF. KITCHEN: INDIVIDUAL FAN, DUCTED TO PACKAGE OR ROOF; OPERATION CONTROL: MANUAL SWITCH ON/OFF. LAUNDRY: NATURAL VENTILATION ONLY, OR NO LAUNDRY. ARTIFICIAL LIGHTING THE APPLICANT MUST ENSURE THAT THE PRIMARY TYPE OF ARTIFICIAL LIGHTING IS (LED) LIGHTING IN EACH OF THE FOLLOWING ROOMS, AND WHERE THE WORD "DEDICATED" APPEARS, THE FITTINGS FOR THOSE LIGHTS MUST ONLY BE CAPABLE OF ACCEPTING LED LAMPS: - AT LEAST 4 OF THE BEDROOMS / STUDY, DEDICATED - AT LEAST 2 OF THE LIVING / DINING ROOMS, DEDICATED - THE KITCHEN, DEDICATED - ALL BATHROOMS / TOILETS, DEDICATED - THE LAUNDRY, DEDICATED - ALL HALLWAYS, DEDICATED.
		ENERGY COMMITMENTS: NATURAL LIGHTING THE APPLICANT MUST INSTALL A WINDOW AND/OR SKYLIGHT IN THE KITCHEN FOR NATURAL LIGHTING. THE APPLICANT MUST INSTALL A WINDOW AND/OR SKYLIGHT IN 8 BATHROOMS / TOILETS FOR NATURAL LIGHTING. SWIMMING POOL THE APPLICANT MUST INSTALL THE FOLLOWING HEATING SYSTEM FOR THE SWIMMING POOL (OR MUST INSTALL NO HEATING); ELECTRIC HEAT PUMP. THE APPLICANT MUST INSTALL A TIMER FOR THE SWIMMING POOL PUMP IN THE DEVELOPMENT. ALTERNATIVE ENERGY THE APPLICANT MUST INSTALL A PHOTOVOLTAIC SYSTEM WITH THE CAPACITY TO GENERATE AT LEAST 1.06 PEAK KILOWATTS OF ELECTRICITY AS PART OF THE DEVELOPMENT. THE APPLICANT MUST CONNECT THIS SYSTEM TO THE DEVELOPMENT'S ELECTRICAL SYSTEM. OTHER THE APPLICANT MUST INSTALL A GAS COOKTOP & ELECTRIC OVEN IN THE KITCHEN. THE APPLICANT MUST CONSTRUCT EACH REFRIGERATOR SPACE IN THE DEVELOPMENT SO THAT IT IS WELL VENTILATED. *SUMMARY ONLY. REFER TO BASIX AND AIRSA THERMAL ASSESSMENT CERTIFICATES FOR FULL SCHEDULE OF BASIX REQUIREMENTS

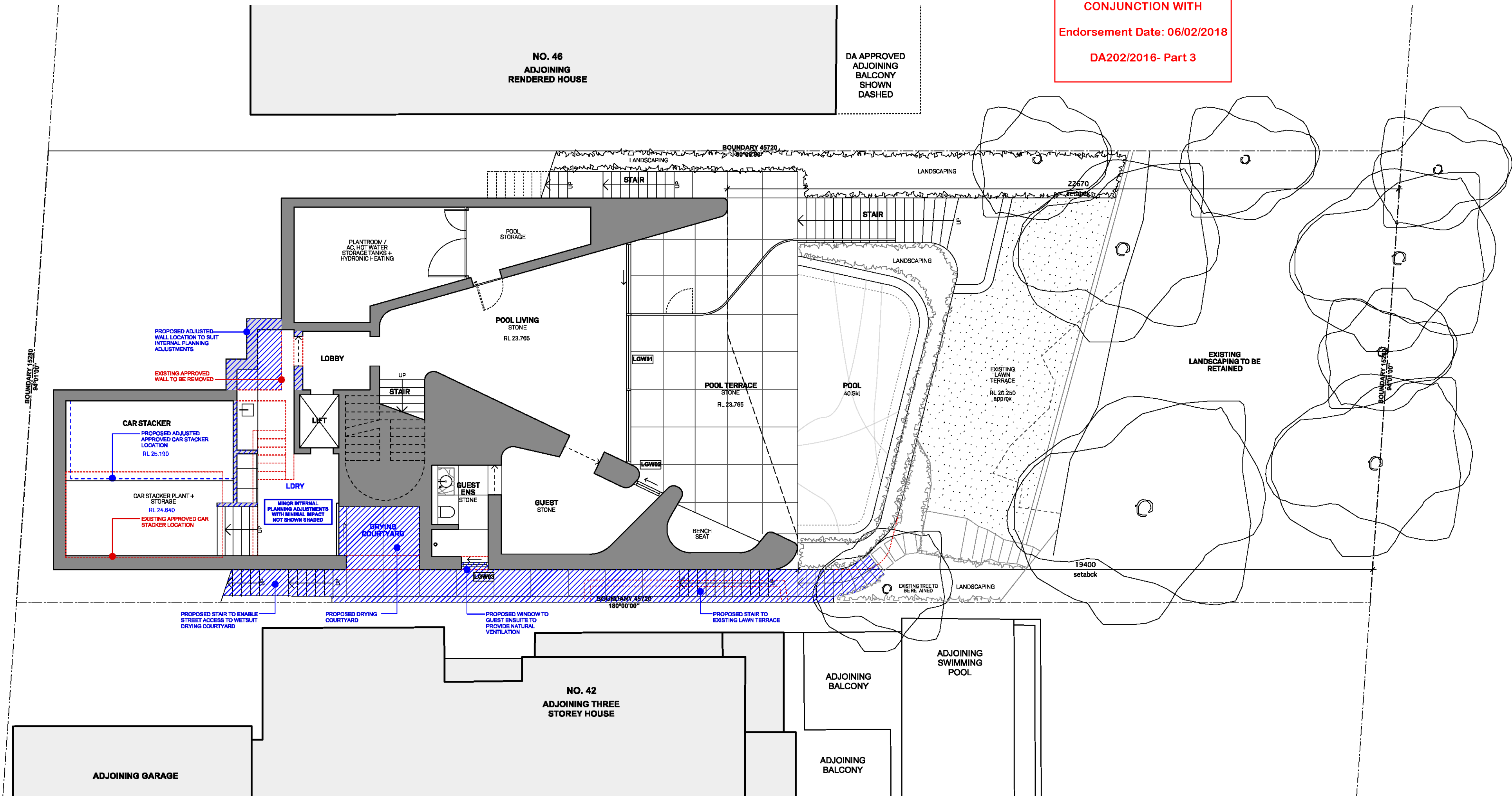


NORTHERN BEACHES
COUNCIL

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Endorsement Date: 06/02/2018

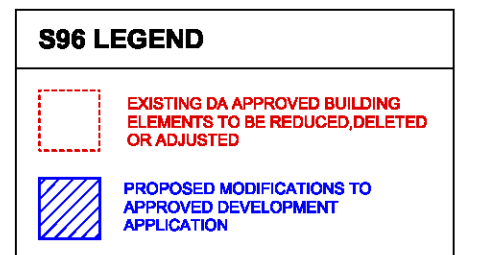
DA202/2016- Part 3



S96 LEGEND	
	EXISTING DA APPROVED BUILDING ELEMENTS TO BE REDUCED, DELETED OR ADJUSTED
	PROPOSED MODIFICATIONS TO APPROVED DEVELOPMENT APPLICATION



DA202/2016- Part 3

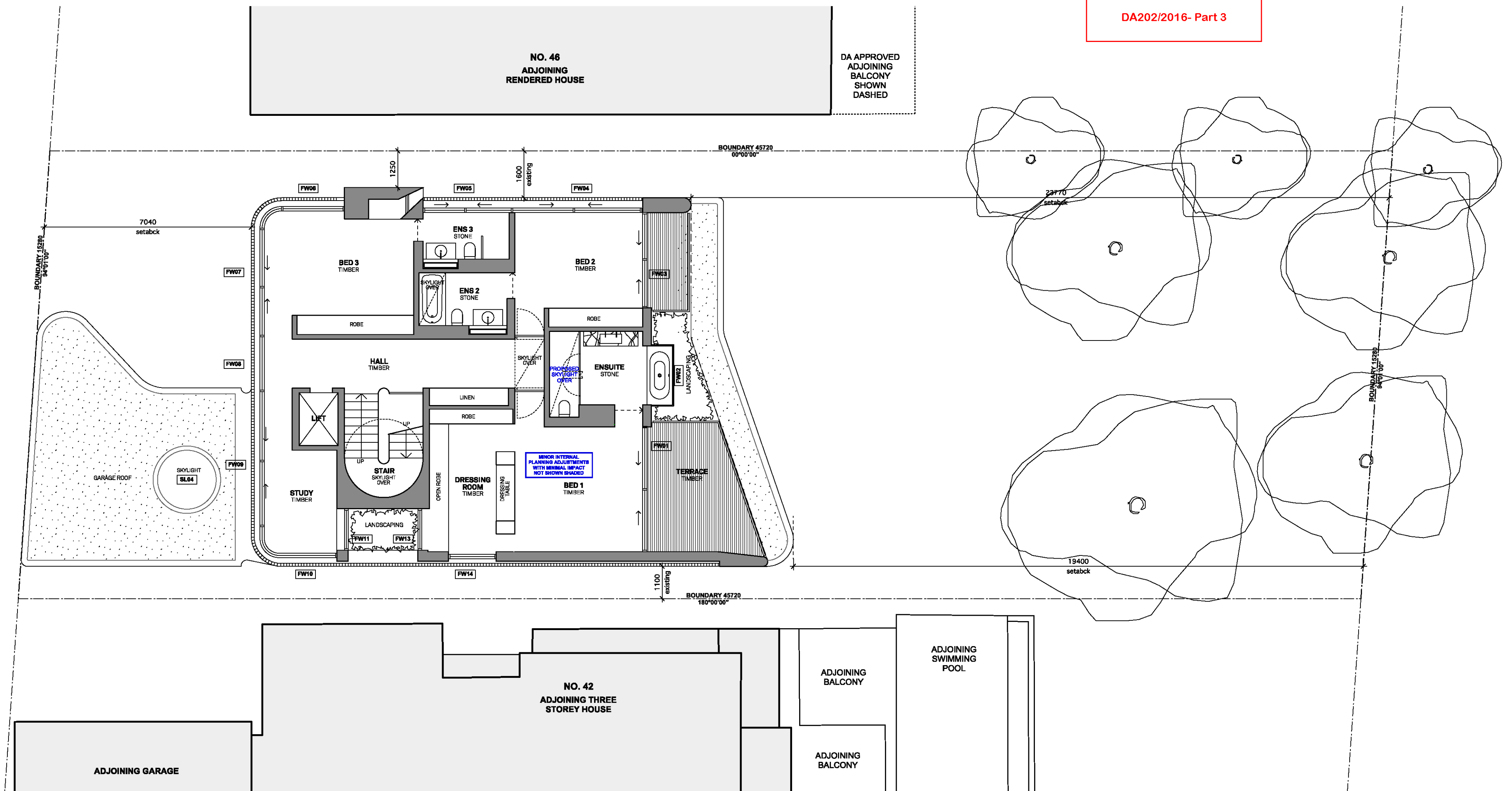


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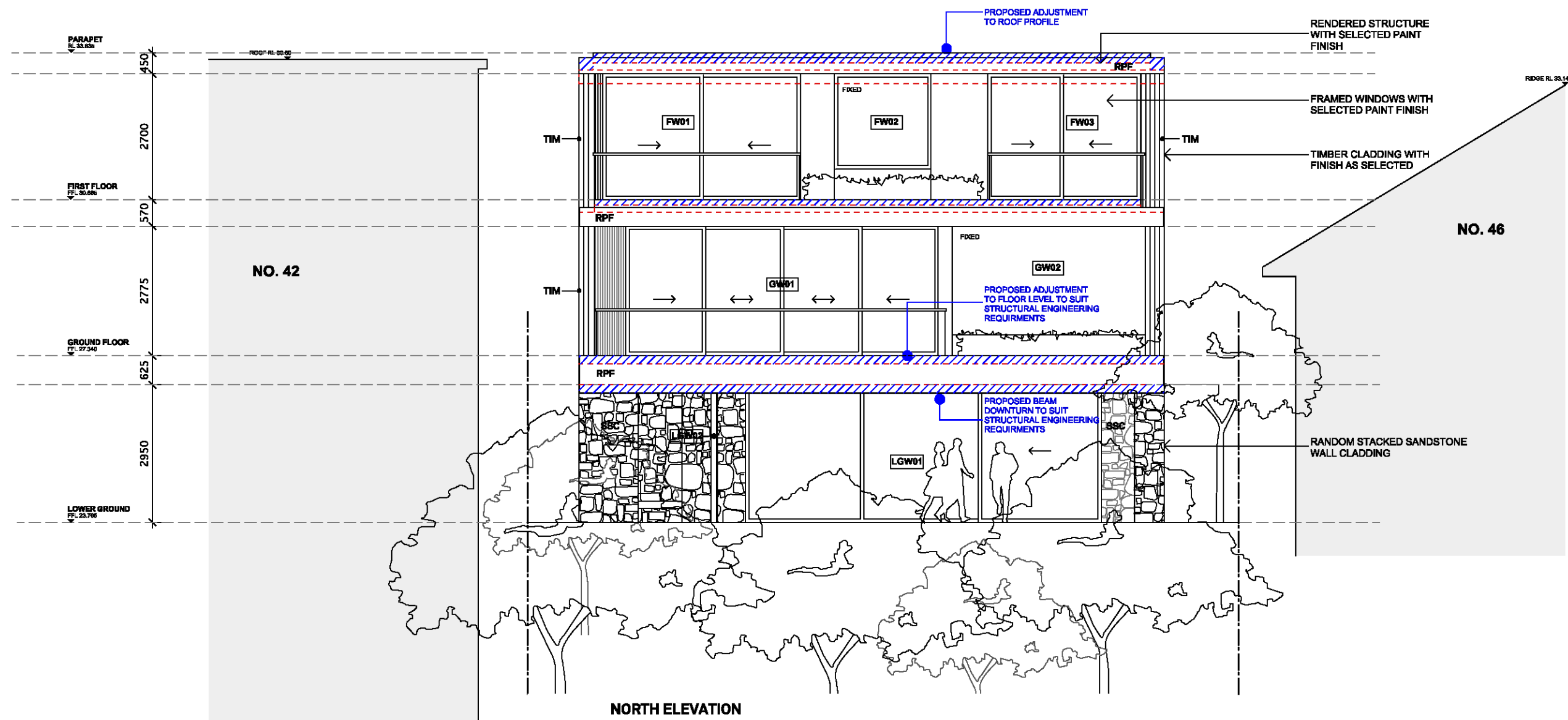
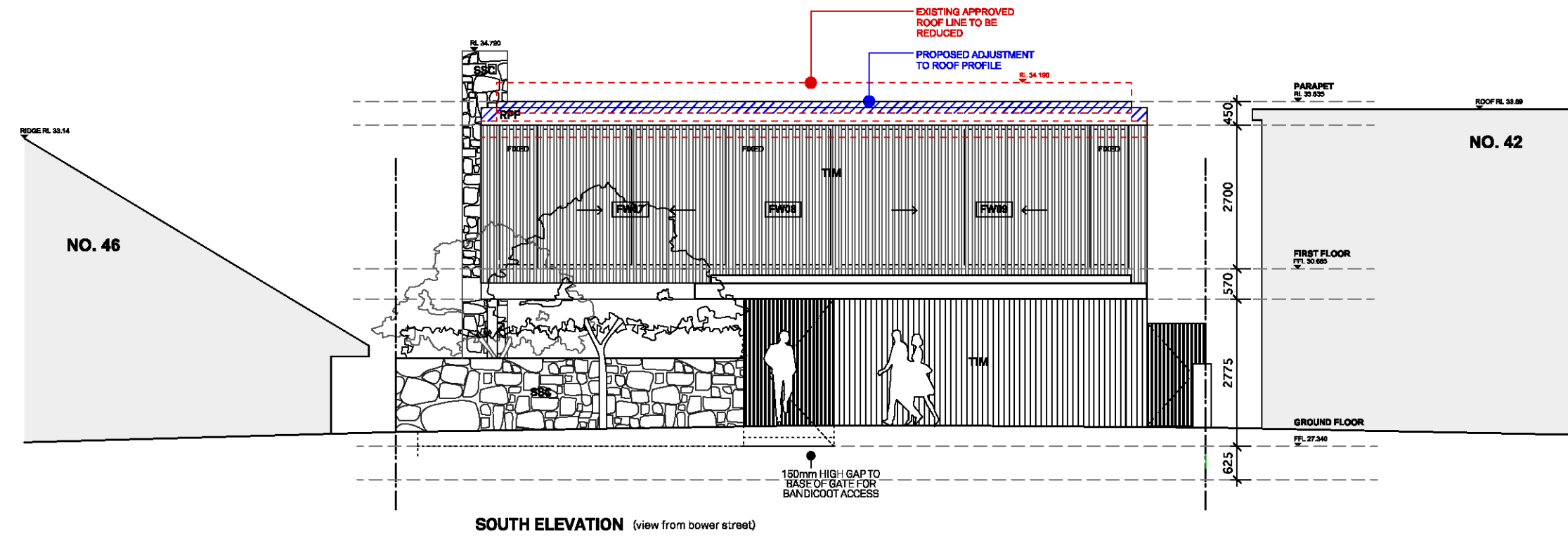
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EXTERNAL FINISHES

- RPF RENDER AND WHITE PAINT FINISH
- TIM TIMBER OR TIMBER COMPOSITE WITH SELECTED OIL FINISH
- SSC RANDOM STACKED SANDSTONE CLADDING

david
selden
design

T 02 9332 1044
F 02 9332 1944
contact@davidselden.com
www.davidselden.com
Suite 308a
19a Boundary St
Rushcutters Bay 2011
Australia

ISSUE
Rev A 27/10/17 Issued for Section 96 Application

NOTES

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All works to be in accordance with Australian standards, The Building Code of Australia and other relevant codes, and with manufacturer's recommendations and instructions.

PROJECT No.
1803

DRAWING

North + South Elevation
SECTION 96 APPLICATION

PROJECT
44 Bower Street, Manly NSW 2095

SCALE

1:100

SHEET

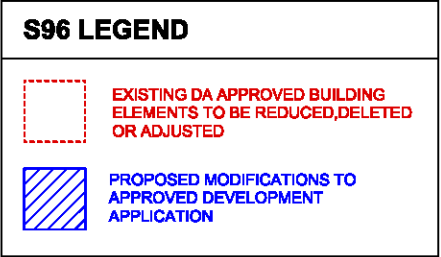
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DATE

June 2016

DRAWING No.

S962.06A



EXTERNAL FINISHES	
RPF	RENDER AND WHITE PAINT FINISH
TIM	TIMBER OR TIMBER COMPOSITE WITH SELECTED OIL FINISH
SSC	RANDOM STACKED SANDSTONE CLADDING

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
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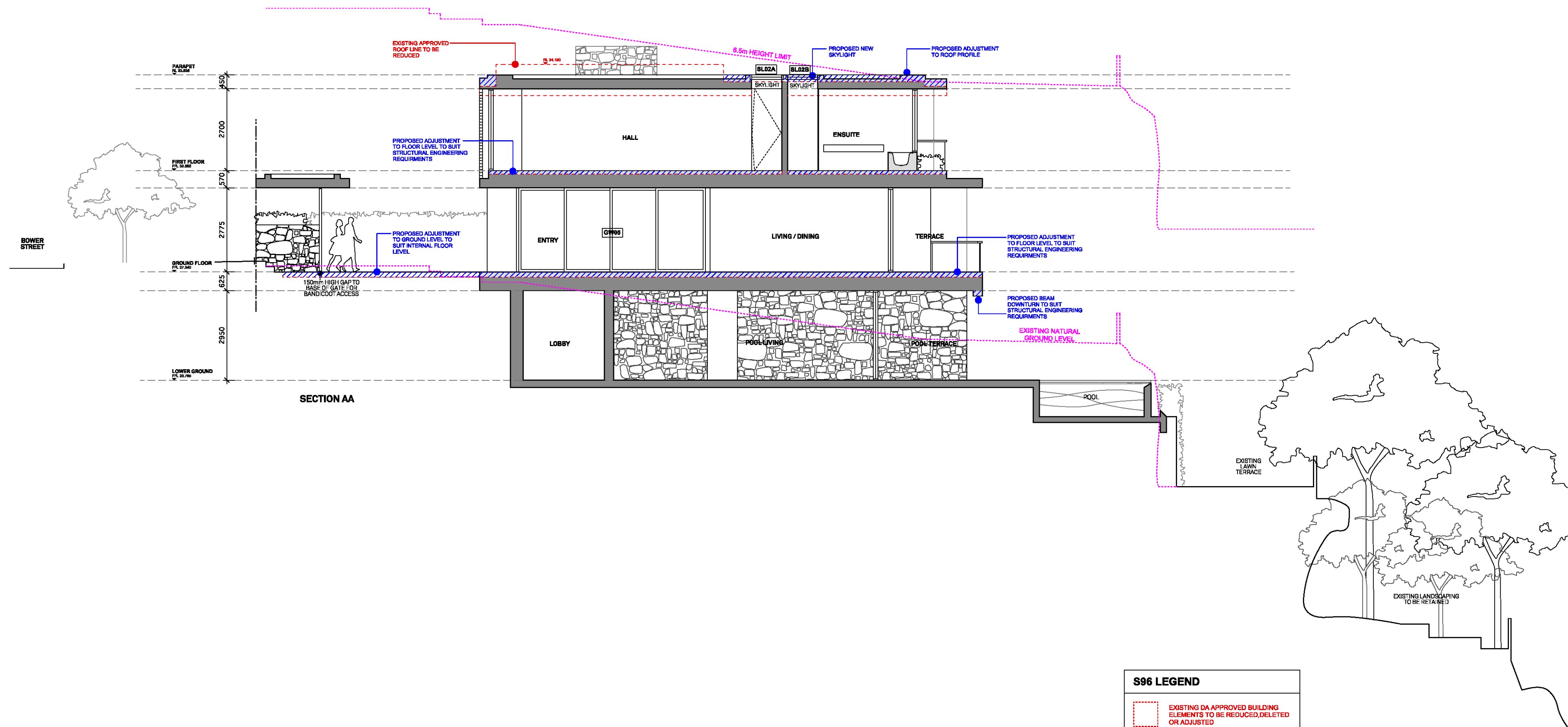
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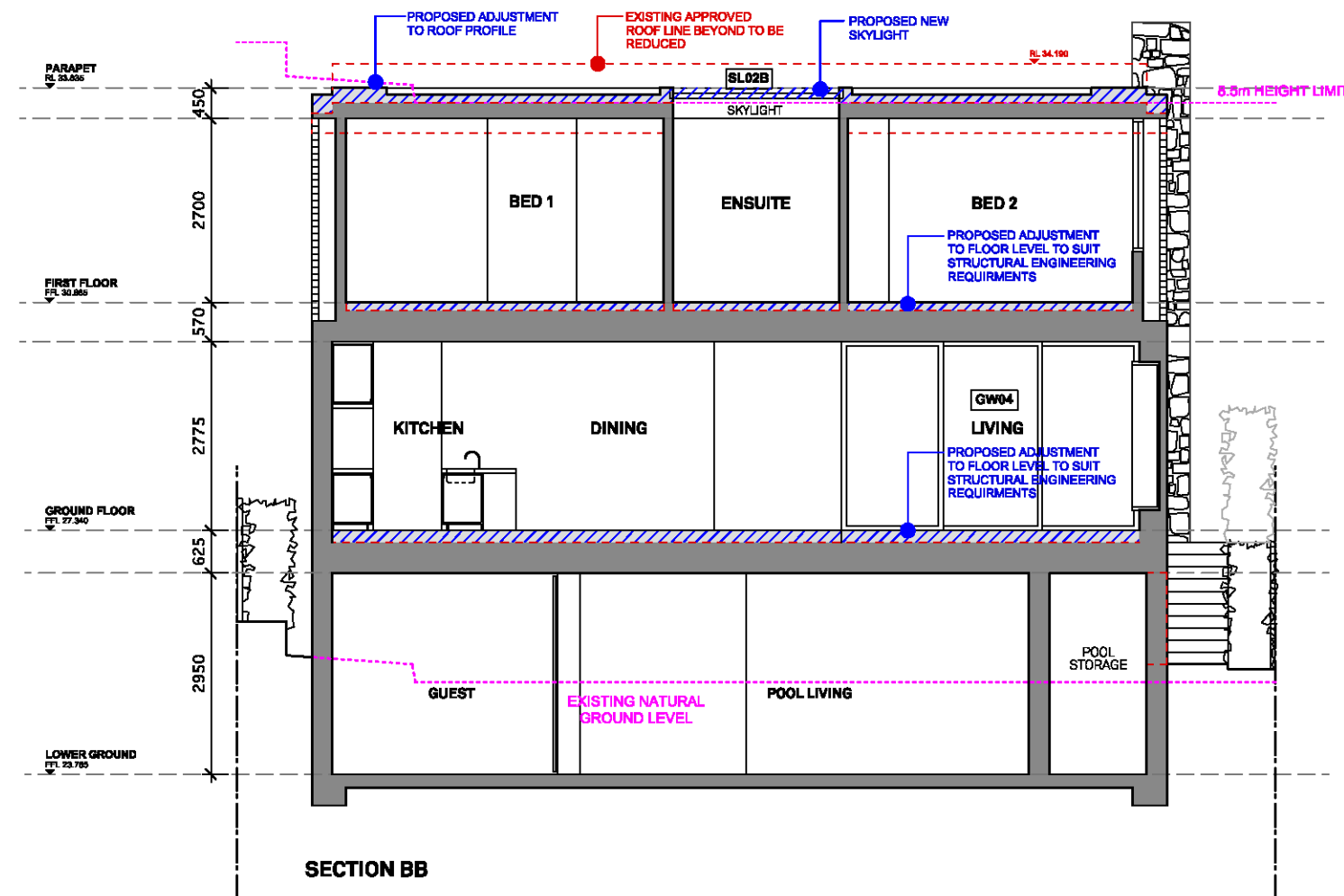
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