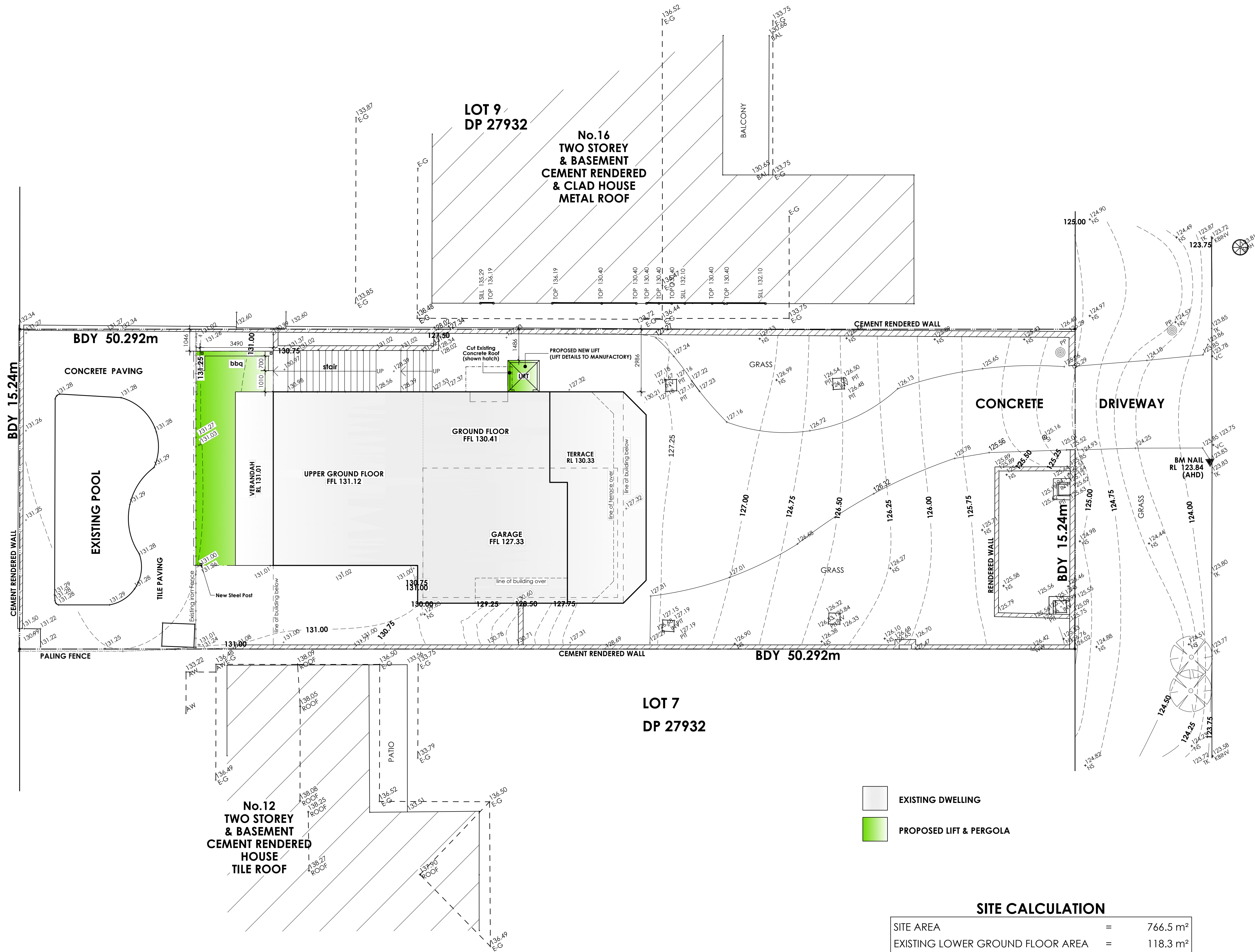
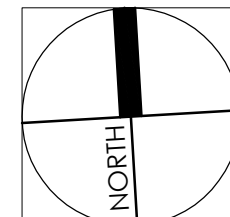


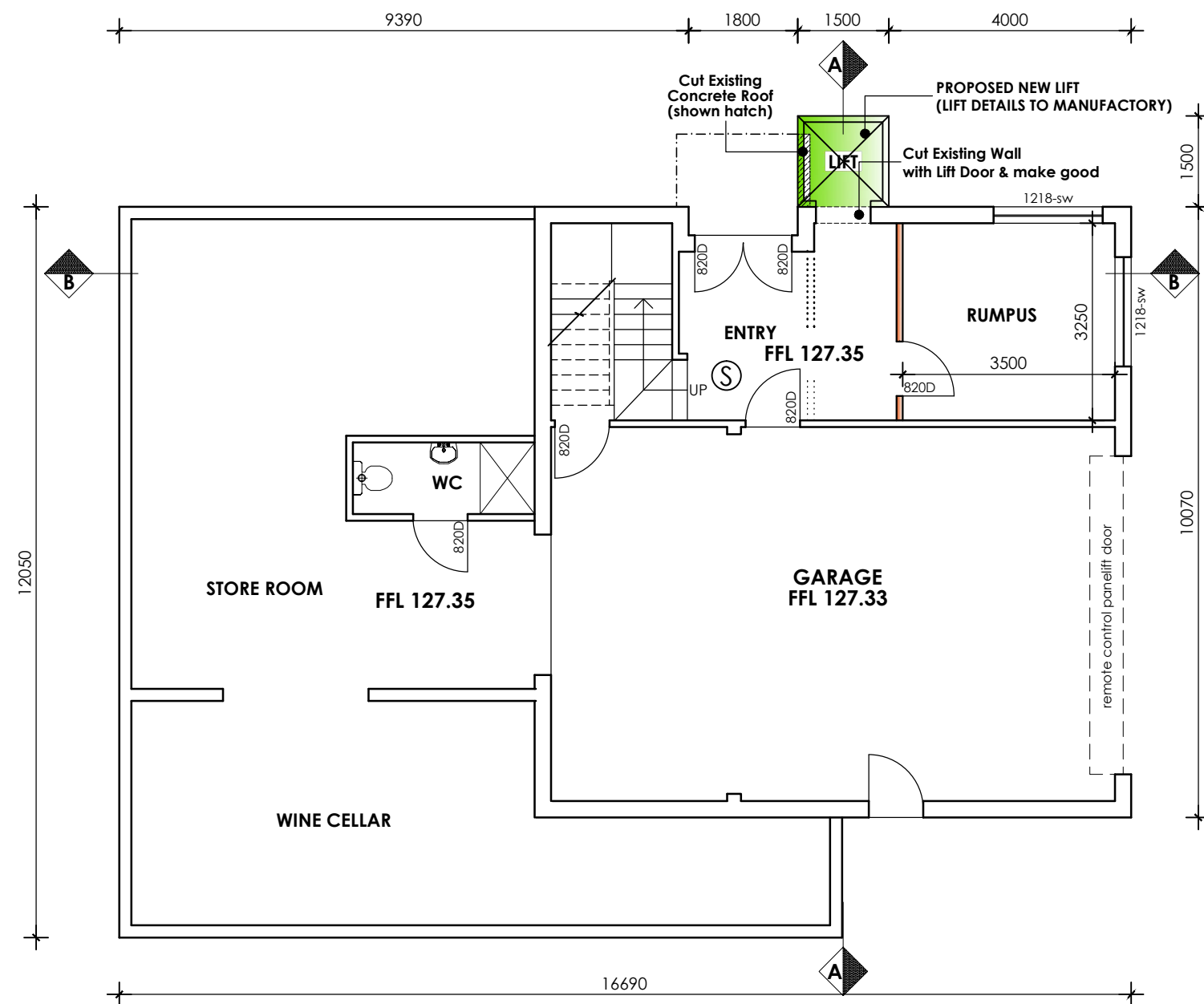
LOT 1
DP 235154



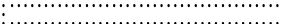
SITE PLAN



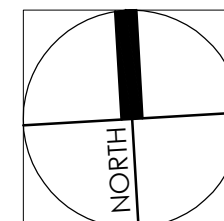
REVISION		DATE	
A C M			
CIVIL & STRUCTURAL ENGINEERS P/L			
SUITE 6, LEVEL 1, 226 THE BOULEVARD PUNCHBOWL NSW 2196 P: 9750 5960 F: 9750 2686 M: 0418 410 444 M: 0411 86 96 86 E: admin@acmcivil.com.au			
CLIENT: KATHERINE WAH & CHAOQI ZHAN			
ADDRESS: 14 PRINCESS MARY STREET (Lot 8 DP 27932)			
SUBURB: BEACON HILL NSW 2100			
PROJECT TYPE: PROPOSED LIFT & BBQ AREA			
TITLE: SITE PLAN			
DATE: 26/10/2021		DRAWN BY: D.Y	CHECKED BY: F.E
SCALE: 1:100		ISSUE FOR: DA	
APPROVED BY:			
JOB:		SHEET:	
21040		A 1/7	

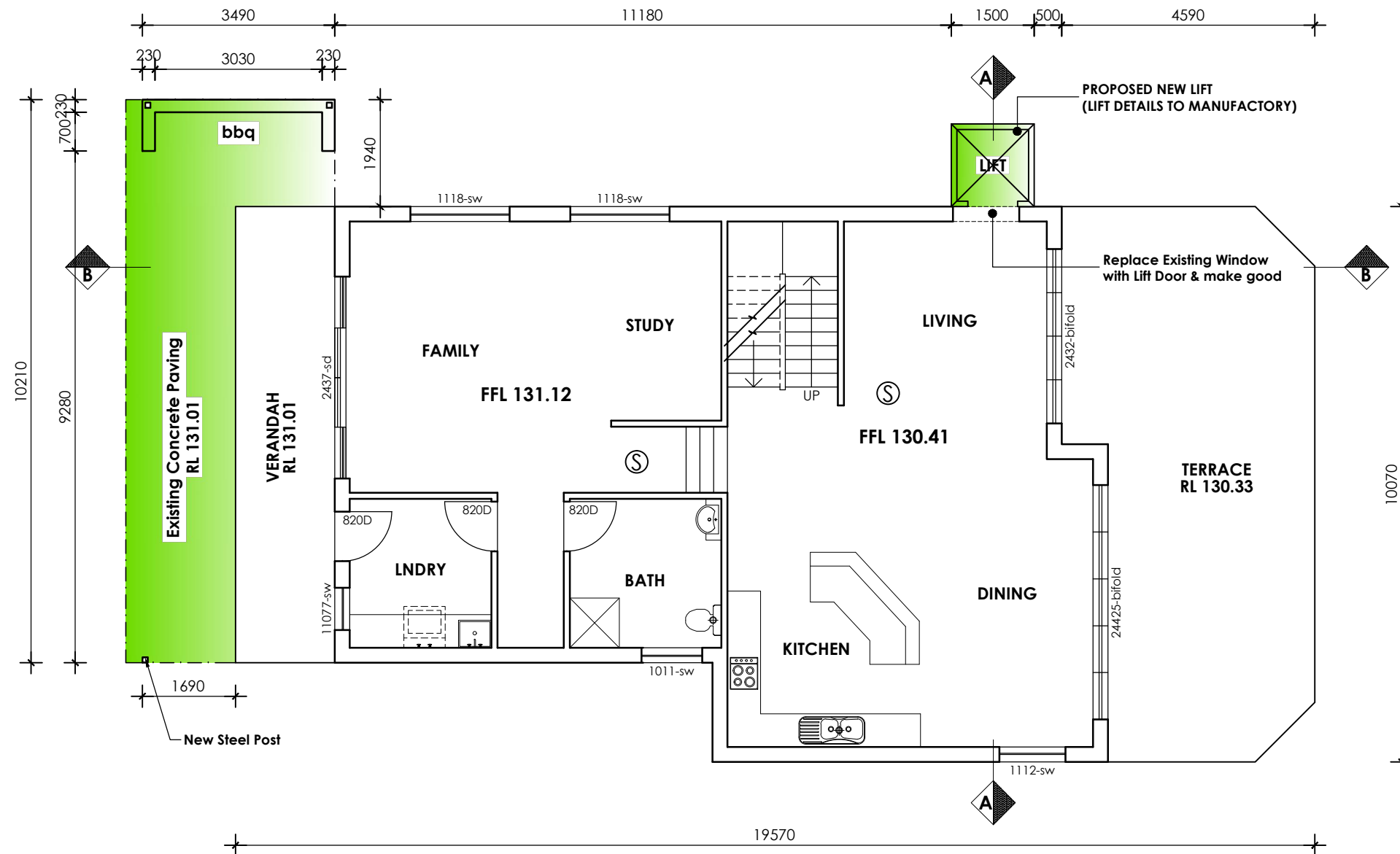


LOWER GROUND FLOOR PLAN

-  PROPOSED LIFT & PERGOLA
-  NEW TIMBER WALL
-  TO BE DEMOLISHED
-  Smoke alarms to Part 3.7.5 of BCA & AS3786-2014

REVISION		DATE
ACM CIVIL & STRUCTURAL ENGINEERS P/L SUITE 6, LEVEL 1, 226 THE BOULEVARD PUNCHBOWL NSW 2196 P: 9750 5960 F: 9750 2686 M: 0418 410 444 M: 0411 86 96 86 E: admin@acmcivil.com.au		
CLIENT: KATHERINE WAH & CHAOQI ZHAN		
ADDRESS: 14 PRINCESS MARY STREET (Lot 8 DP 27932)		
SUBURB: BEACON HILL NSW 2100		
PROJECT TYPE: PROPOSED LIFT & BBQ AREA		
TITLE: LOWER GROUND FLOOR PLAN		
DATE: 26/10/2021	DRAWN BY: D.Y	CHECKED BY: F.E
SCALE: 1:100		ISSUE FOR: DA
APPROVED BY:		
JOB:	SHEET:	
21040	A 2/7	

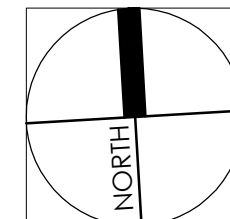


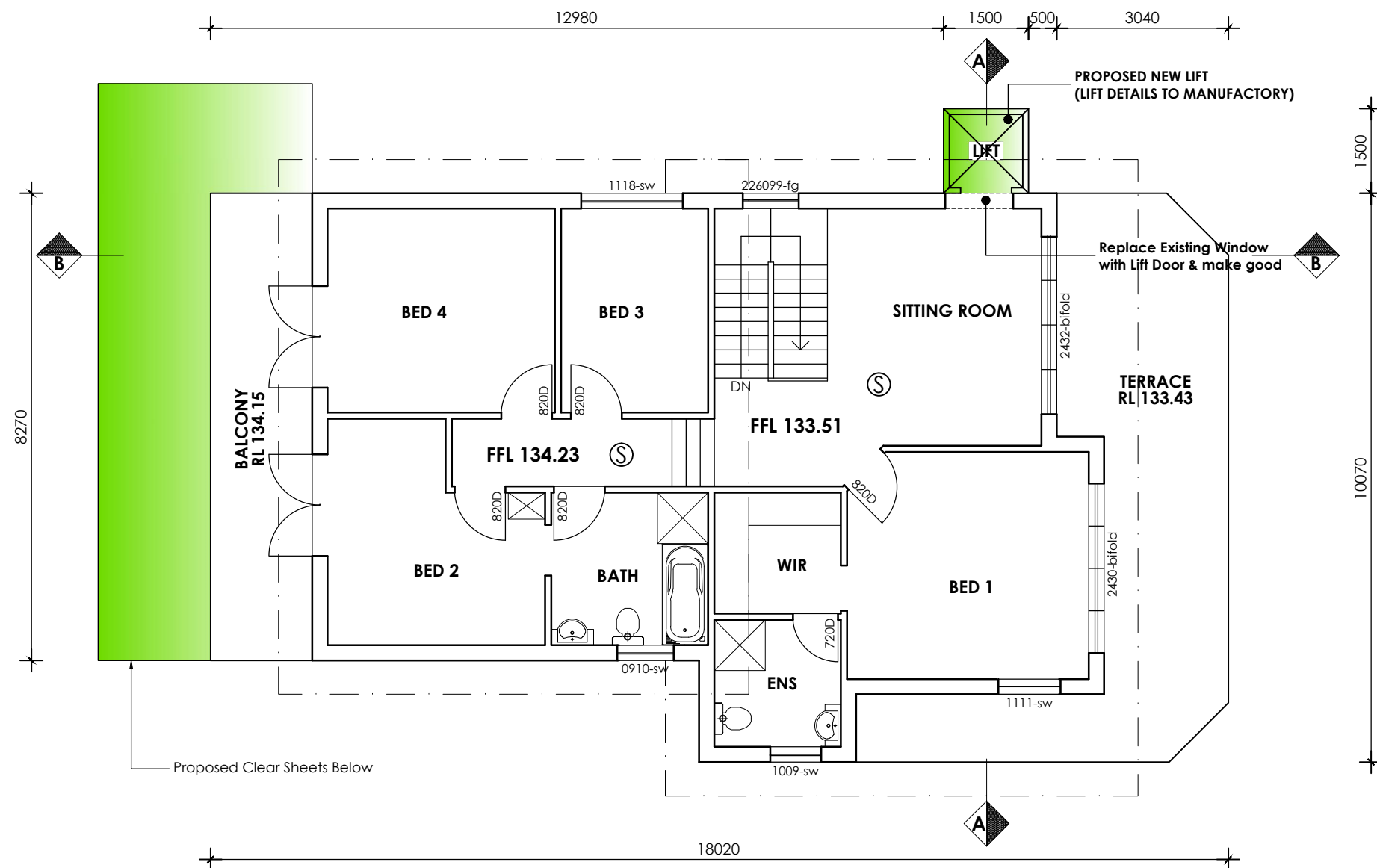


-  PROPOSED LIFT & PERGOLA
-  Smoke alarms to Part 3.7.5 of BCA & AS3786-2014

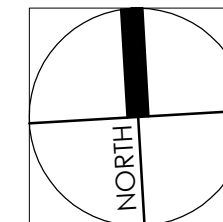
UPPER GROUND FLOOR PLAN

REVISION		DATE
A C M		
CIVIL & STRUCTURAL ENGINEERS P/L		
SUITE 6, LEVEL 1, 226 THE BOULEVARD PUNCHBOWL NSW 2196		
P: 9750 5960 F: 9750 2686		
M: 0418 410 444 M: 0411 86 96 86		
E: admin@acmcivil.com.au		
CLIENT: KATHERINE WAH & CHAOQI ZHAN		
ADDRESS: 14 PRINCESS MARY STREET (Lot 8 DP 27932)		
SUBURB: BEACON HILL NSW 2100		
PROJECT TYPE: PROPOSED LIFT & BBQ AREA		
TITLE: UPPER GROUND FLOOR PLAN		
DATE: 26/10/2021	DRAWN BY: D.Y	CHECKED BY: F.E
SCALE: 1:100		ISSUE FOR: DA
APPROVED BY:		
JOB:	SHEET:	
21040	A 3/7	

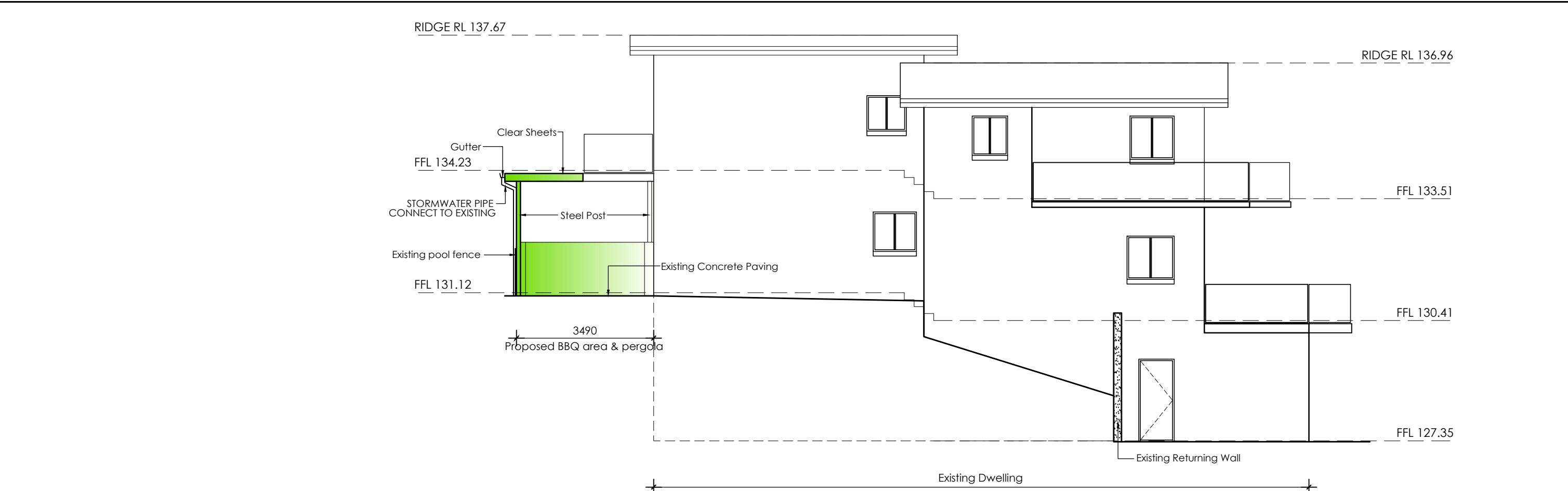




FIRST FLOOR PLAN



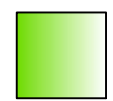
REVISION		DATE	
ACM CIVIL & STRUCTURAL ENGINEERS P/L SUITE 6, LEVEL 1, 226 THE BOULEVARD PUNCHBOWL NSW 2196 P: 9750 5960 F: 9750 2686 M: 0418 410 444 M: 0411 86 96 86 E: admin@acmcivil.com.au			
CLIENT: KATHERINE WAH & CHAOQI ZHAN			
ADDRESS: 14 PRINCESS MARY STREET (Lot 8 DP 27932)			
SUBURB: BEACON HILL NSW 2100			
PROJECT TYPE: PROPOSED LIFT & BBQ AREA			
TITLE: FIRST FLOOR PLAN			
DATE: 26/10/2021		DRAWN BY: D.Y	CHECKED BY: F.E
SCALE: 1:100		ISSUE FOR: DA	
APPROVED BY:			
JOB:		SHEET:	
21040		A 4/7	



SOUTH ELEVATION



EAST ELEVATION



PROPOSED LIFT & PERGOLA

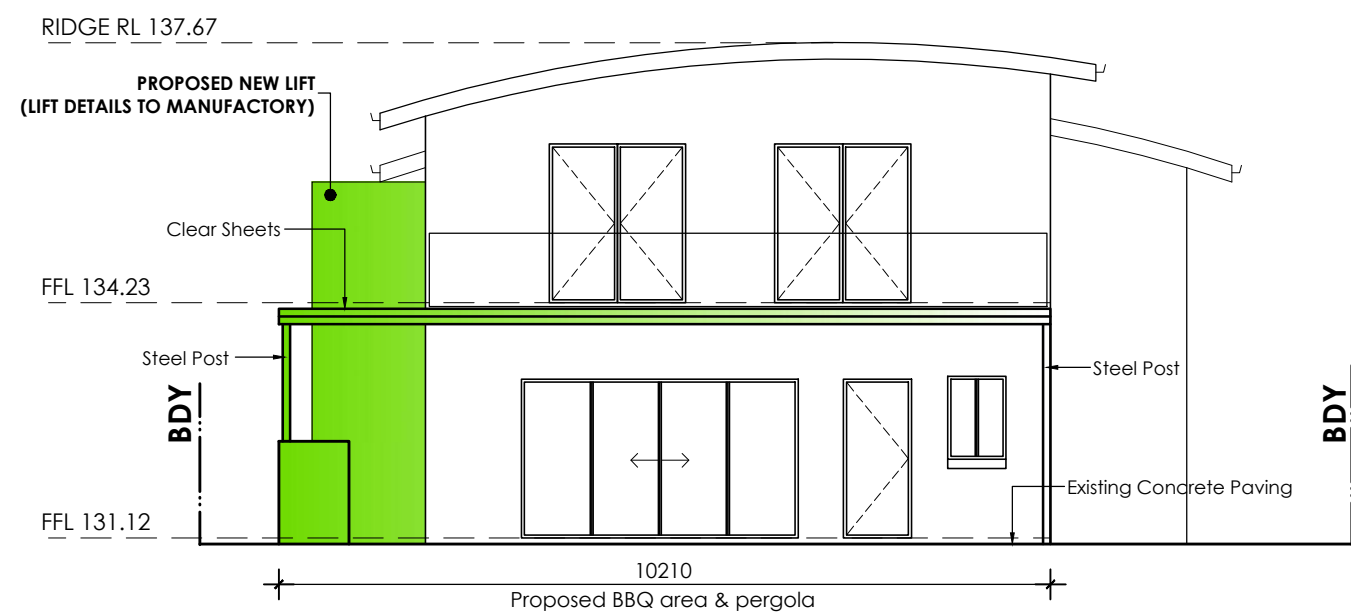
REVISION	DATE
ACM	
CIVIL & STRUCTURAL ENGINEERS P/L	
SUITE 6, LEVEL 1, 226 THE BOULEVARD PUNCHBOWL NSW 2196 P: 9750 5960 F: 9750 2686 M: 0418 410 444 M: 0411 86 96 86 E: admin@acmcivil.com.au	
CLIENT: KATHERINE WAH & CHAOQI ZHAN	
ADDRESS: 14 PRINCESS MARY STREET (Lot 8 DP 27932)	
SUBURB: BEACON HILL NSW 2100	
PROJECT TYPE: PROPOSED LIFT & BBQ AREA	
TITLE: SOUTH & EAST ELEVATION	
DATE: 26/10/2021	DRAWN BY: D.Y
CHECKED BY: F.E	
SCALE: 1:100	ISSUE FOR: DA
APPROVED BY:	
JOB: 21040	SHEET: A 5/7



NORTH ELEVATION



PROPOSED LIFT & PERGOLA

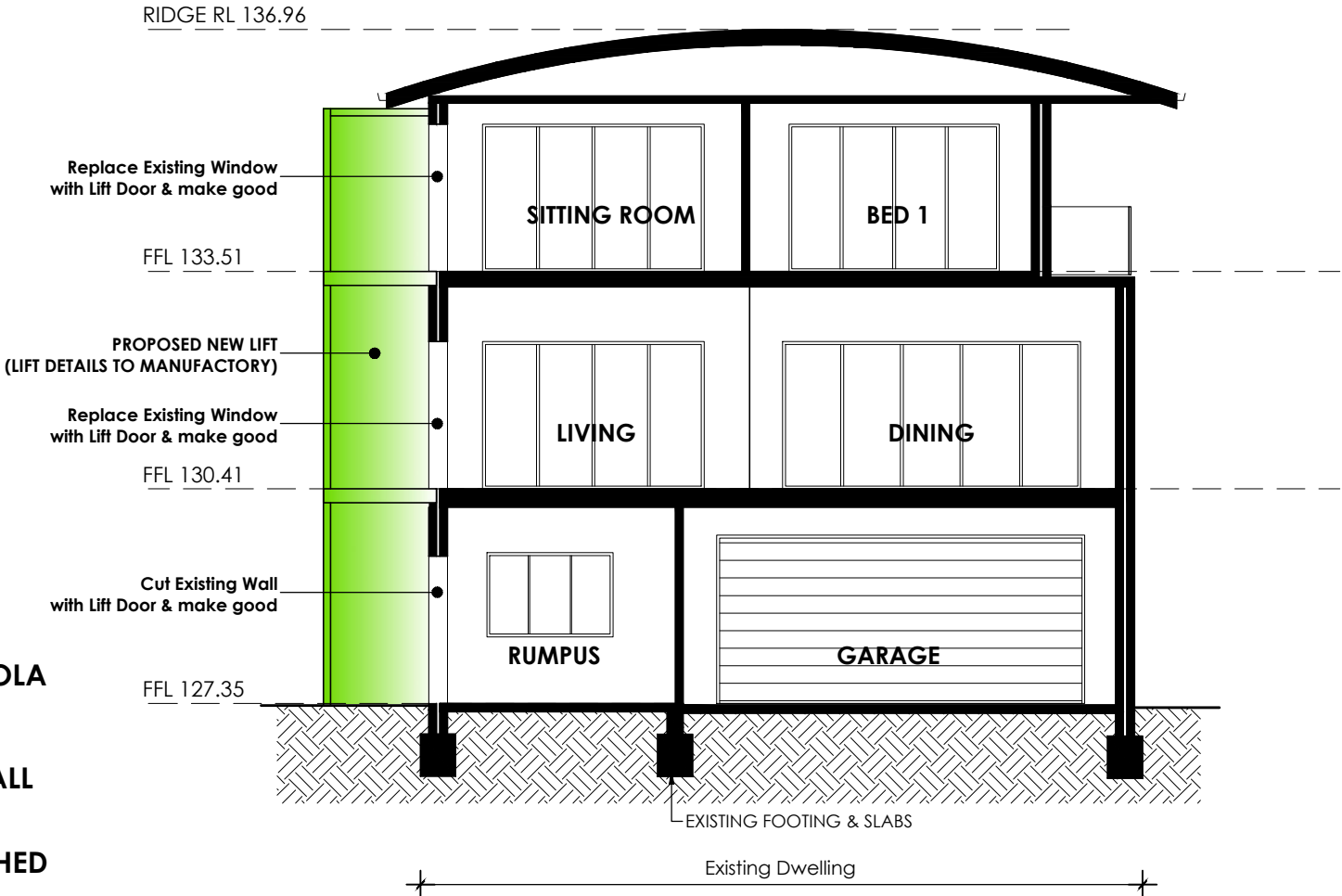
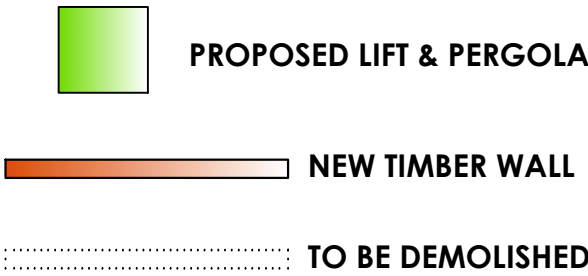


WEST ELEVATION

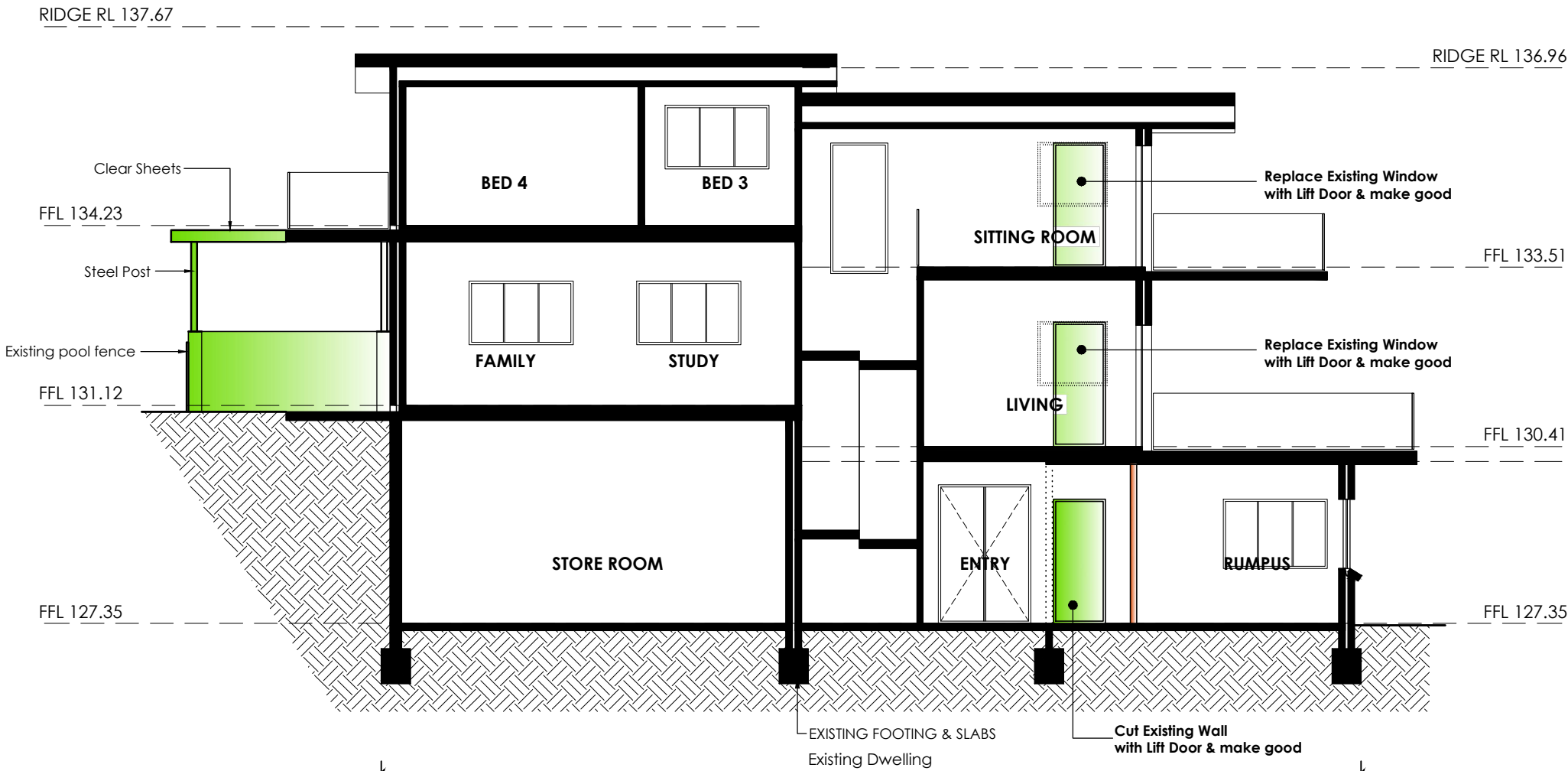
REVISION	DATE
ACM CIVIL & STRUCTURAL ENGINEERS P/L SUITE 6, LEVEL 1, 226 THE BOULEVARD PUNCHBOWL NSW 2196 P: 9750 5960 F: 9750 2686 M: 0418 410 444 M: 0411 86 96 86 E: admin@acmcivil.com.au	
CLIENT: KATHERINE WAH & CHAOQI ZHAN	
ADDRESS: 14 PRINCESS MARY STREET (Lot 8 DP 27932)	
SUBURB: BEACON HILL NSW 2100	
PROJECT TYPE: PROPOSED LIFT & BBQ AREA	
TITLE: NORTH & WEST ELEVATION	
DATE: 26/10/2021	DRAWN BY: D.Y CHECKED BY: F.E
SCALE: 1:100	ISSUE FOR: DA
APPROVED BY:	
JOB: 21040	SHEET: A 6/7

SITE CALCULATION

SITE AREA	=	766.5 m ²
EXISTING LOWER GROUND FLOOR AREA	=	118.3 m ²
EXISTING UPPER GROUND FLOOR AREA	=	112.51 m ²
EXISTING FIRST FLOOR AREA	=	101.25 m ²
EXISTING TOTAL FLOOR AREA	=	332.06 m ²
EXISTING FLOOR SPACE RATIO	=	43.32 %
LANDSCAPE AREA(existing)	=	300.0 m ²



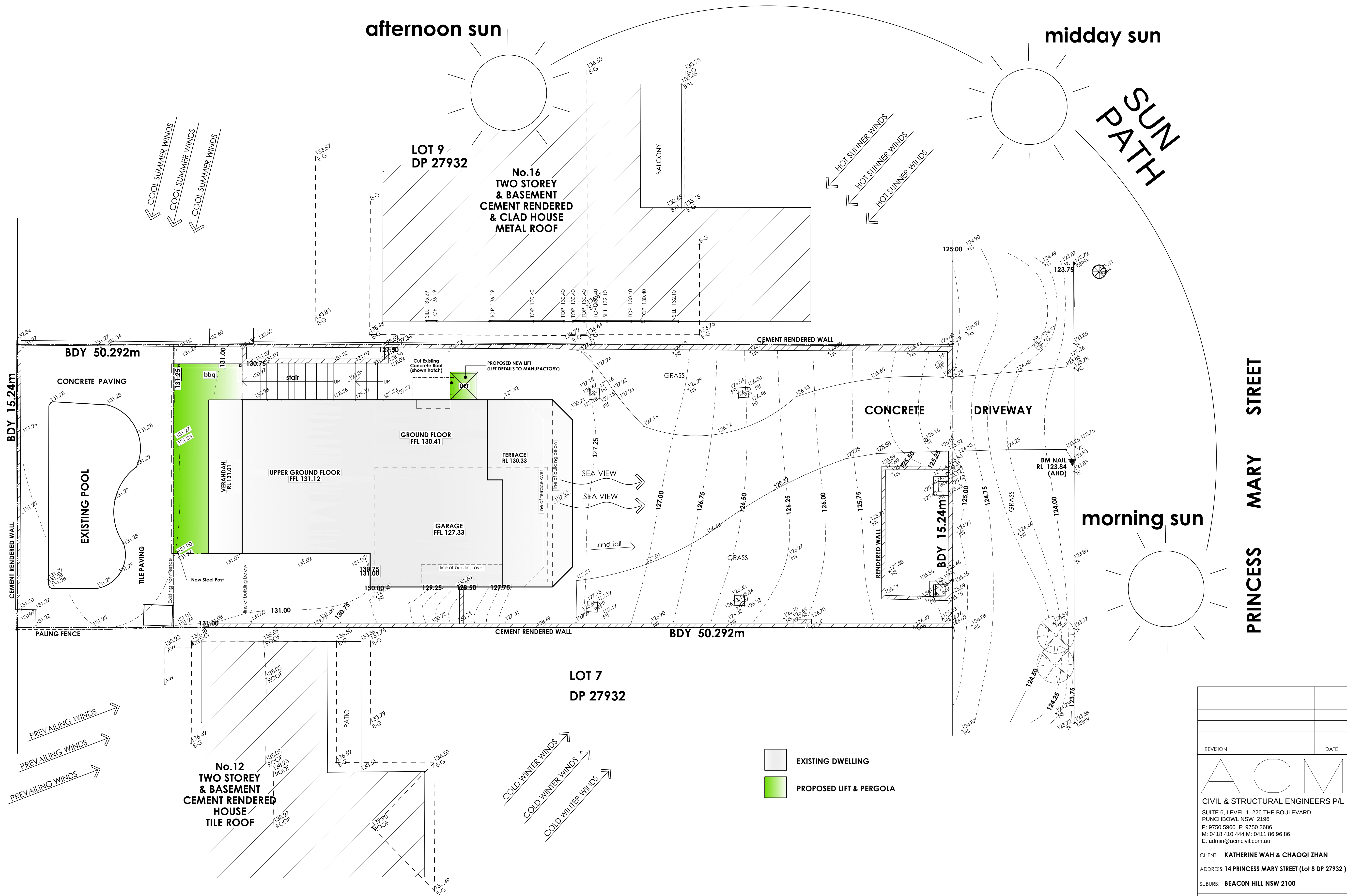
SECTION A - A



SECTION B - B

REVISION	DATE
ACM	
CIVIL & STRUCTURAL ENGINEERS P/L	
SUITE 6, LEVEL 1, 226 THE BOULEVARD PUNCHBOWL NSW 2196 P: 9750 5960 F: 9750 2686 M: 0418 410 444 M: 0411 86 96 86 E: admin@acmcivil.com.au	
CLIENT: KATHERINE WAH & CHAOQI ZHAN	
ADDRESS: 14 PRINCESS MARY STREET (Lot 8 DP 27932)	
SUBURB: BEACON HILL NSW 2100	
PROJECT TYPE: PROPOSED LIFT & BBQ AREA	
TITLE: SECTIONS	
DATE: 26/10/2021	DRAWN BY: D.Y
CHECKED BY: F.E	
SCALE: 1:100	ISSUE FOR: DA
APPROVED BY:	
JOB: 21040	SHEET: A 7/7

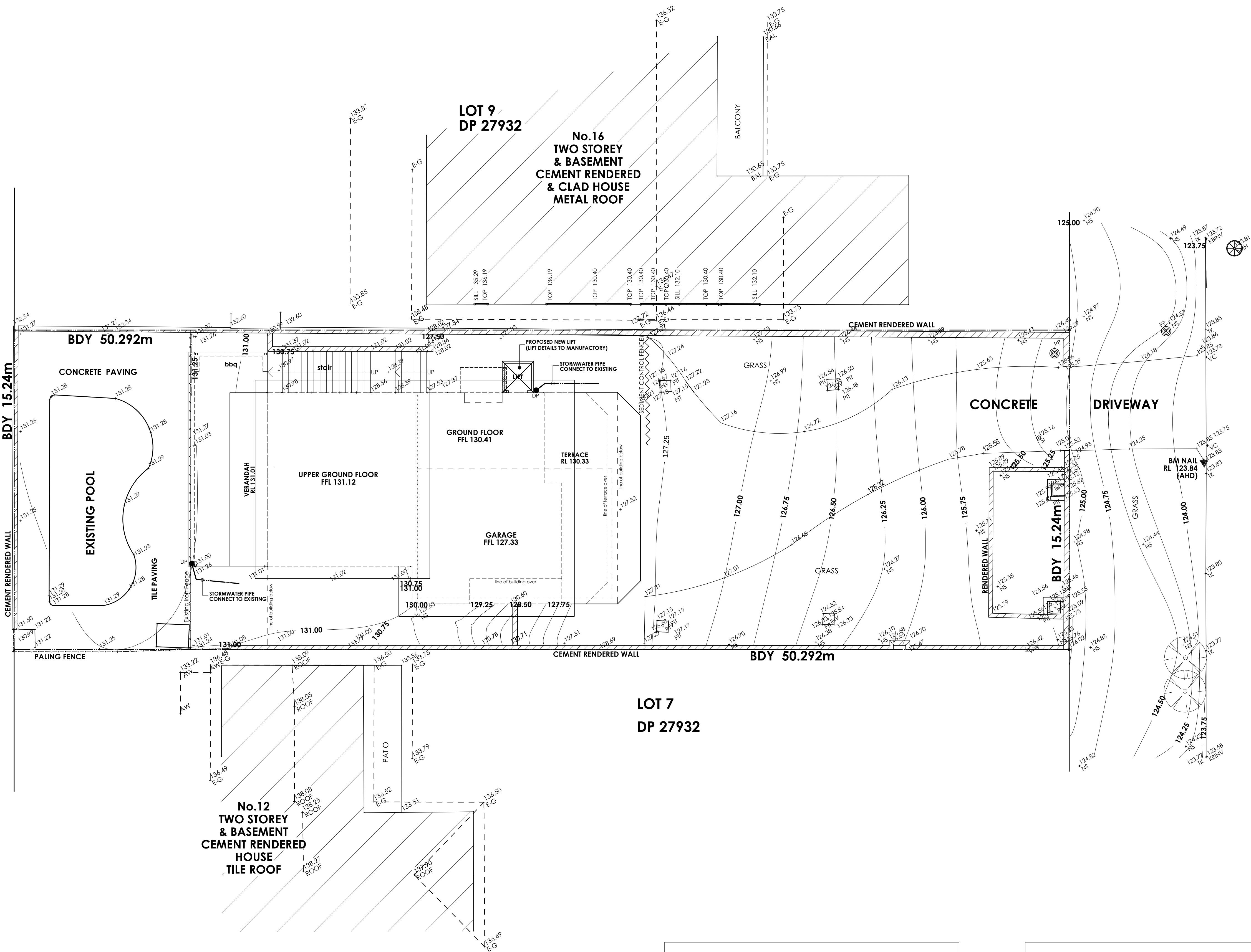
LOT 1
DP 235154



SITE ANALYSIS PLAN

REVISION		DATE	
ACM CIVIL & STRUCTURAL ENGINEERS P/L SUITE 6, LEVEL 1, 226 THE BOULEVARD PUNCHBOWL NSW 2196 P: 9750 5960 F: 9750 2686 M: 0418 410 444 M: 0411 86 96 86 E: admin@acmcivil.com.au			
CLIENT: KATHERINE WAH & CHAOQI ZHAN			
ADDRESS: 14 PRINCESS MARY STREET (Lot 8 DP 27932)			
SUBURB: BEACON HILL NSW 2100			
PROJECT TYPE: PROPOSED LIFT & BBQ AREA			
TITLE: SITE ANALYSIS PLAN			
DATE: 26/10/2021		DRAWN BY: D.Y	CHECKED BY: F.E
SCALE: 1:100			ISSUE FOR: DA
APPROVED BY:			
JOB:		SHEET:	
21040		SA 1/1	

SITE & STORMWATER PLAN

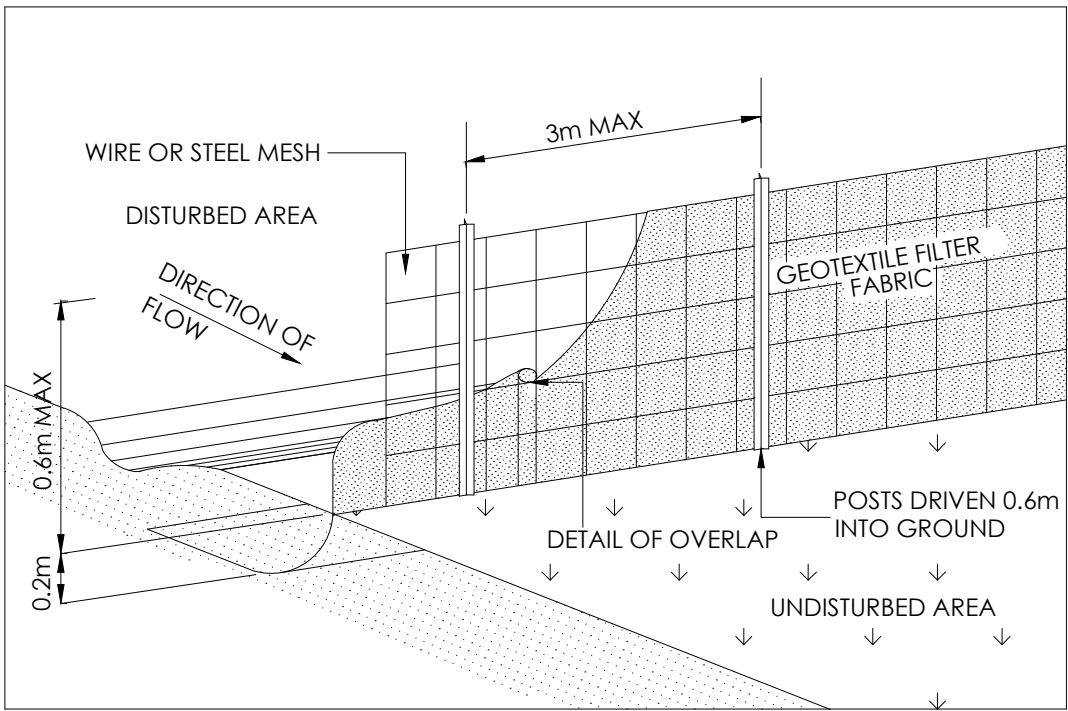


STORMWATER NOTES

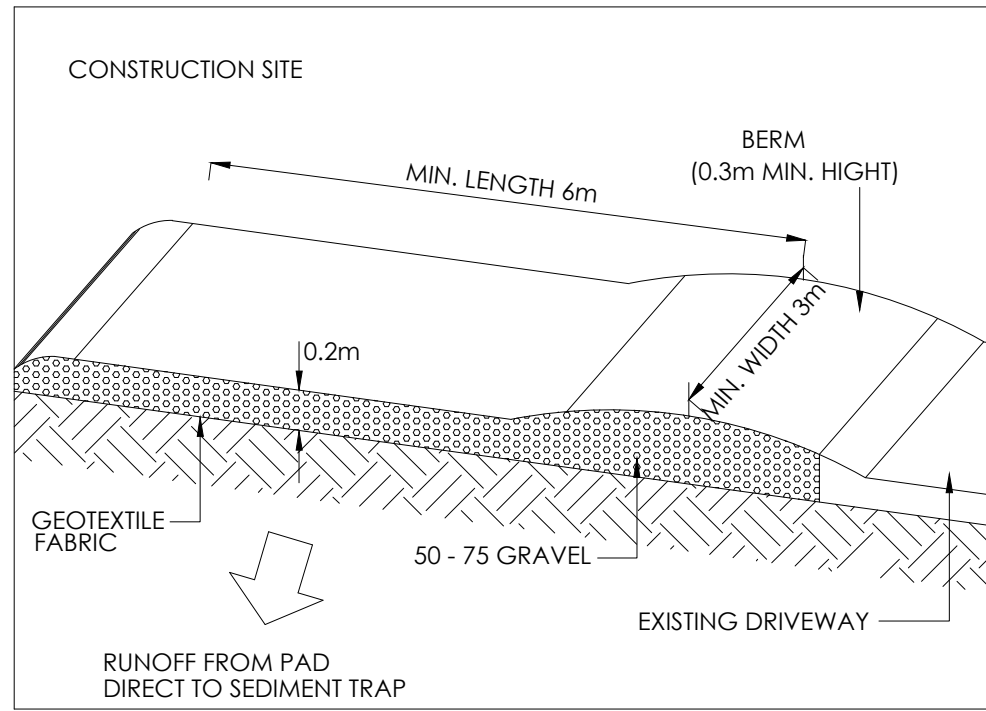
- ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH COUNCIL'S ENGINEERING GUIDELINES.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE ARCH. DRAWINGS.
- PRIOR TO COMMENCEMENT OF WORKS THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING SERVICES WHETHER INDICATED OR NOT ON THE DRAWINGS. ANY DAMAGE TO EXISTING SERVICES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- ALL STORMWATER PIPES SHALL BE UPVC SEWER GRADE TO AS 1254 U.N.O.
- ALL PIPES TO BE LAID AND COVERED WITH SAND TO A MINIMUM DEPTH EQUAL TO THE PIPE DIAMETER, BUT NOT LESS THAN 200mm.
- PIPE GRADES SHALL BE A MINIMUM 1% GRADE U.N.O.
- PIPE GRADES SHOWN ON DRAWINGS ARE MINIMUM GRADES. IF MINIMUM GRADES CANNOT BE ACHIEVED CONTACT THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.
- ALL LEVELS IN THE LOWER BASEMENT SHALL GRADE TO THE PITS.
- PITS UP TO 600 mm DEEP TO BE 450 x 450 mm.
PITS UP TO 1000 mm DEEP TO BE 600 x 600 mm.
PITS EXCEEDING 1000mm DEEP TO BE 600 x 900 mm.
- PITS TO BE PRECAST CONCRETE OR RENDERED BRICK WITH HEAVY DUTY GRATES U.N.O.
- ALL PITS OTHER THAN DETENTION DISCHARGE PITS TO BE BENCH TO DISCHARGE PIPES.
- DOWNPIPES TO BE 100 x 50 U.N.O.
- THE CONTRACTOR SHALL PROVIDE SUITABLE EROSION & SEDIMENT CONTROL MEASURES TO ENSURE THAT NO SILT OR BUILDING MATERIALS ENTER THE EXISTING DRAINAGE SYSTEM.

SEDIMENTATION CONTROL NOTES

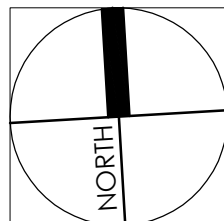
- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE DEPARTMENT OF CONSERVATION AND LAND MANAGEMENT.
- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY DEMOLITION OR SITE DISTURBANCE.
- SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED IN GOOD WORKING ORDER UNTIL COMPLETION OF ALL SITE WORKS.
- ALL SEDIMENT CONTROL STRUCTURES TO BE INSPECTED AFTER EACH RAIN STORM EVENT AND ALL TRAPPED SEDIMENT SHALL BE REMOVED TO THE NOMINATED STOCKPILE AREA.
- PROVIDE HAY BALE BARRIERS AROUND ALL EXISTING GRATED PITS DURING SITE WORKS.
- PROVIDE TEMPORARY EXIT TIMBER SHAKER RAMP AT THE VEHICULAR ACCESS POINT PRIOR TO SITE DISTURBANCE IN ACCORDANCE WITH THE REQUIREMENTS OF THE DEPT. OF CONSERVATION AND LAND MANAGEMENT



SEDIMENT FENCE (NOT TO SCALE)
DRAINAGE AREA 0.6 ha MAX. SLOPE GRADIENT 12 MAX. SLOPE LENGTH 60M MAX

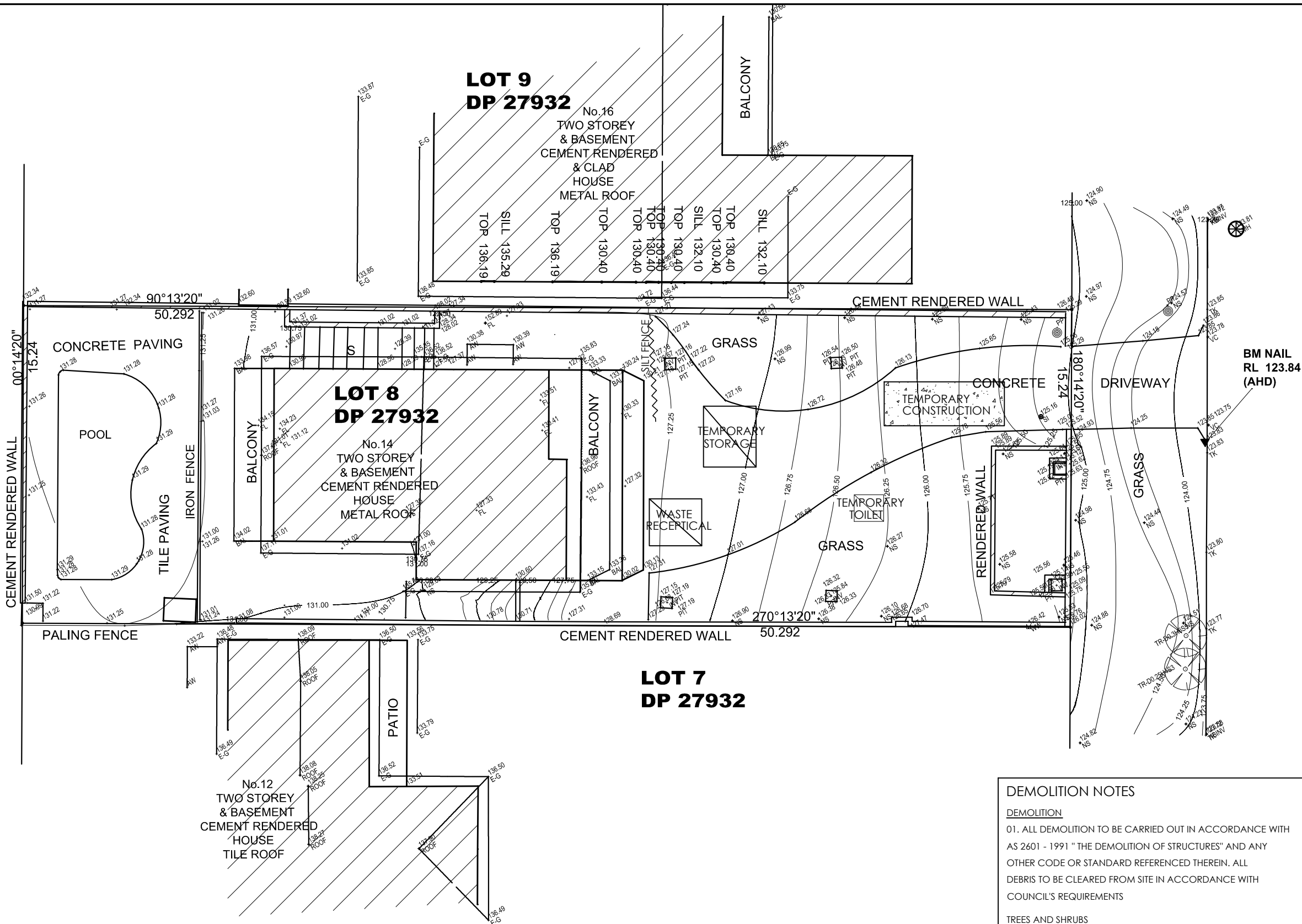


TEMPORARY CONSTRUCTION DRIVEWAY (NOT TO SCALE)

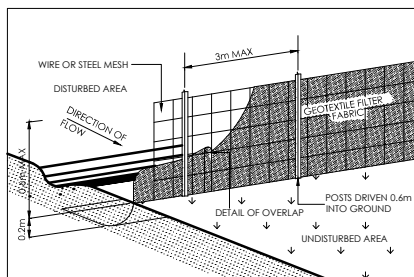


REVISION		DATE	
ACM CIVIL & STRUCTURAL ENGINEERS P/L SUITE 6, LEVEL 1, 226 THE BOULEVARD PUNCHBOWL NSW 2196 P: 9750 5960 F: 9750 2686 M: 0418 410 444 M: 0411 86 96 86 E: admin@acmcivil.com.au CLIENT: KATHERINE WAH & CHAOQI ZHAN ADDRESS: 14 PRINCESS MARY STREET (Lot 8 DP 27932) SUBURB: BEACON HILL NSW 2100 PROJECT TYPE: PROPOSED LIFT & BBQ AREA TITLE: SITE & STORMWATER PLAN DATE: 26/11/2021DRAWN BY: D.YCHECKED BY: F.E SCALE: 1:100ISSUE FOR: DA APPROVED BY: A.R. ABBAS B.E.M.I.E. Aust C.P. Eng. NER JOB:21040 SHEET: H1/1			

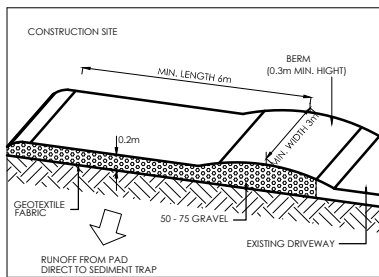
LOT 1
DP 235154



SEDIMENT AND EROSION CONTROL PLAN



SEDIMENT FENCE (NOT TO SCALE)
DRAINAGE AREA 0.6 ha MAX. SLOPE GRADIENT
12 MAX. SLOPE LENGTH 60M MAX



TEMPORARY CONSTRUCTION DRIVEWAY
(NOT TO SCALE)

DEMOLITION NOTES

DEMOLITION

01. ALL DEMOLITION TO BE CARRIED OUT IN ACCORDANCE WITH AS 2601 - 1991 "THE DEMOLITION OF STRUCTURES" AND ANY OTHER CODE OR STANDARD REFERENCED THEREIN. ALL DEBRIS TO BE CLEARED FROM SITE IN ACCORDANCE WITH COUNCIL'S REQUIREMENTS

TREES AND SHRUBS

01. ALL PLANTING TO OWNERS DETAILS

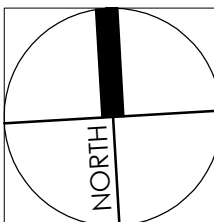
HOURS OF CONSTRUCTION

01. CONSTRUCTION MAY ONLY BE CARRIED OUT DURING TIMES AS NOMINATED BY COUNCIL

SOIL AND WATER MANAGEMENT NOTES

01. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSPECTED AND MAINTAINED DAILY BY SITE MANAGER
02. MINIMISE DISTURBED AREAS
03. ALL STOCKPILES TO BE CLEAR FROM DRAINS, GUTTERS AND FOOTPATHS.
04. DRAINAGE TO BE CONNECTED TO STORMWATER SYSTEM AS SOON AS POSSIBLE.
05. ROADS AND FOOTPATHS TO BE SWEEPED DAILY AND KEPT CLEAN AT ALL TIMES
06. INSTALL TEMPORARY SEDIMENT BARRIERS TO ALL INLET PITS LIKELY TO COLLECT SILT LADDED WATER, TO COUNCIL'S REQUIREMENTS.
07. NOT WITHSTANDING DETAILS SHOWN, IT IS THE SITE MANAGERS SOLE RESPONSIBILITY TO ENSURE THAT ALL SITE ACTIVITIES COMPLY WITH THE REQUIREMENTS OF THE CLEAN WATERS ACT.
08. ALL BUILDING MATERIALS, WASTEBINS, ETC. TO BE KEPT WITHIN THE CONFINES OF THE PROPERTY BOUNDARY UNLESS APPROVED BY COUNCIL.

PRINCESS MARY STREET



REVISION	DATE

ACM
CIVIL & STRUCTURAL ENGINEERS P/L

SUITE 6, LEVEL 1, 226 THE BOULEVARD
PUNCHBOWL NSW 2196
P: 9750 5960 F: 9750 2686
M: 0418 410 444 M: 0411 86 96 86
E: admin@acmcivil.com.au

CLIENT: KATHERINE WAH & CHAOQI ZHAN

ADDRESS: 14 PRINCESS MARY STREET (Lot 8 DP 27932)

SUBURB: BEACON HILL NSW 2100

PROJECT TYPE: PROPOSED LIFT & BBQ AREA

TITLE: EROSION & SEDIMENT CONTROL PLAN

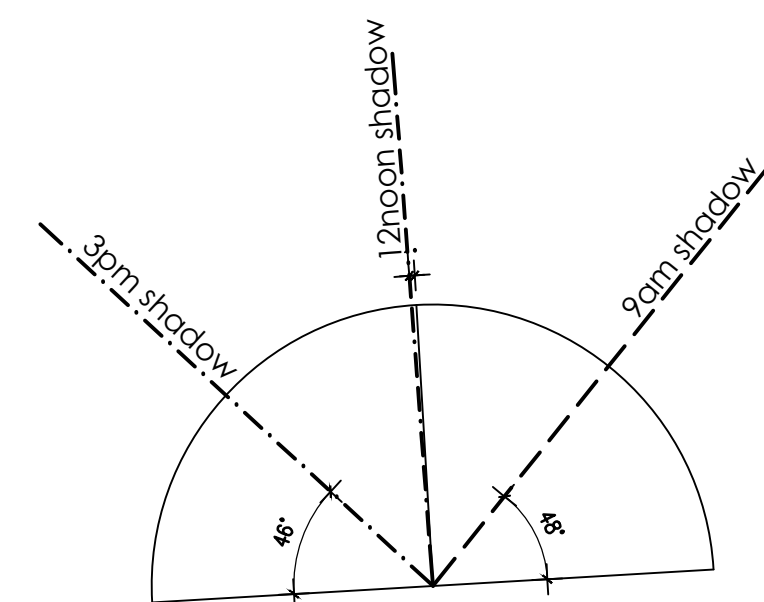
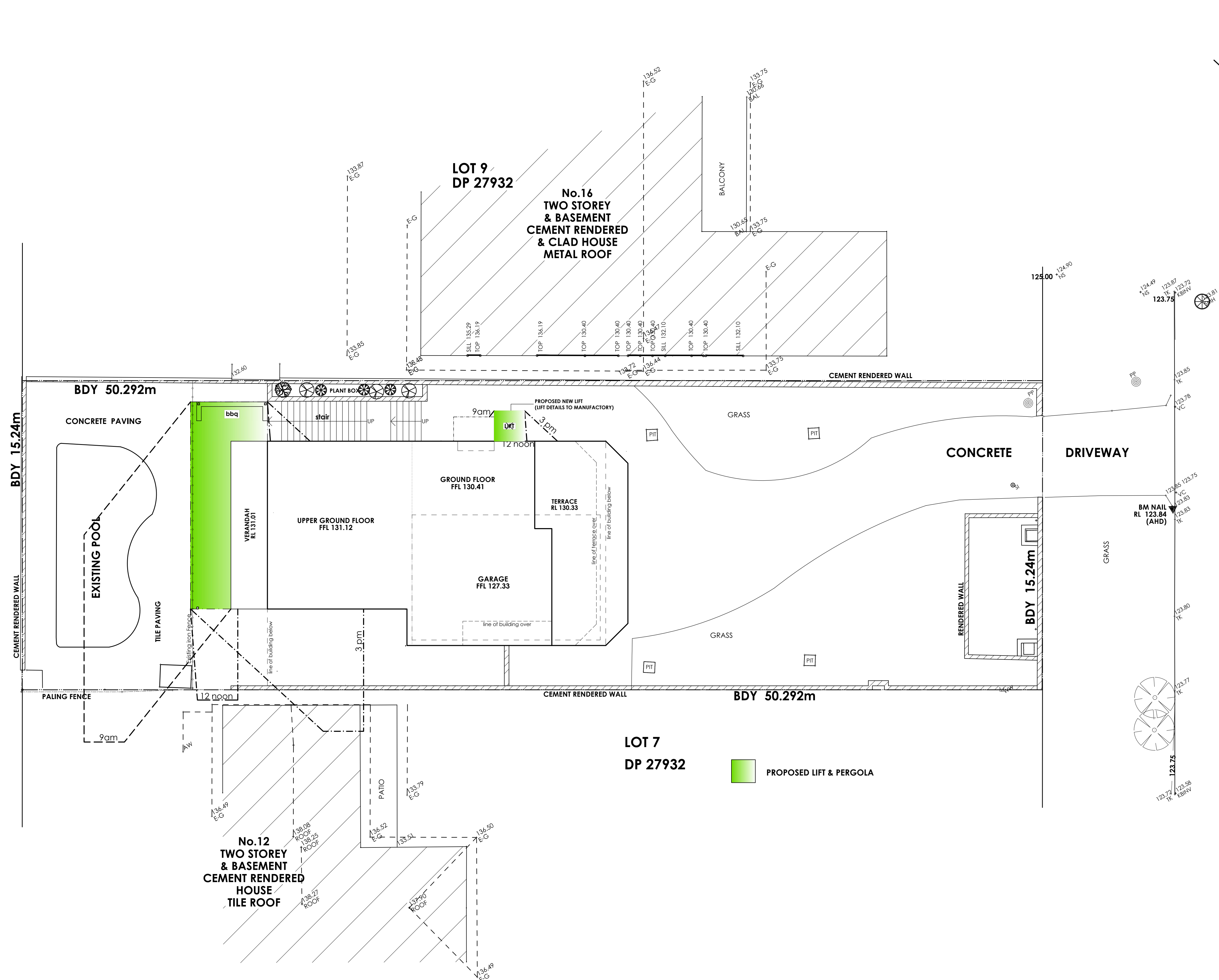
DATE: 26/10/2021 DRAWN BY: D.Y CHECKED BY: F.E

SCALE: 1:200, N.T.S. ISSUE FOR: DA

APPROVED BY:

JOB: 21040 SHEET: ES 1/1

LOT 1
DP 235154

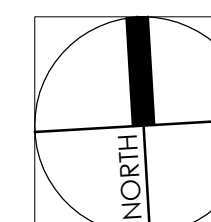


PRINCESS MARY STREET

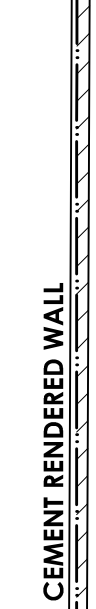
SHADOW DIAGRAM (21 JUNE)

[illegible]

PROJECT TYPE: PROPOSED LIFT & BBQ AREA		
TITLE: SHADOW DIAGRAM		
DATE: 26/10/2021	DRAWN BY: D.Y	CHECKED BY: F.E
SCALE: 1:100		ISSUE FOR: DA
APPROVED BY:		
JOB:	SHEET:	
21040		SD 1/1



- ALL TURFED AREAS TO BE SELECTED WEED-FREE KIYU, PENNSETUM CLANDESTINUM PREMIUM QUALITY TURF.
- ALL NEW TURFED AREA SHALL HAVE A MIN. 150 MM WEED-FREE SOIL UNDERLAY PLACED AND LEVELED PRIOR TO TURFING.
- ALL GARDEN AREAS TO BE FILLED WITH 250MM WEED-FREE TOP QUALITY GARDEN SOIL TREATED WITH SPEND MUSHROOM COMPOST.
- PROVIDE MINIMUM 75MM DEPTH HARDWOOD CHIPS OR SELECTED MULCH TO ALL GARDEN BEDS.
- ALL NEW TRESS SHALL BE DOUBLE STAKED USING HARDWOOD STAKES (180x40x40).
- ALL FENCING TO BE THE EXTENT SHOWN ON PLAN AND TO BE TO COUNCIL'S APPROVAL.
- ALL FINISHED LEVELS ARE TO BE VERIFIED BY THE BUILDER ON SITE.
- ALL LANDSCAPING WORK TO BE IN STRICT ACCORDANCE WITH COUNCIL'S LANDSCAPING CODE AND GUIDELINES.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL SUBMITTED ARCHITECTURAL DRAWING, HYDRAULICS AND ENGINEERING DRAWINGS WHERE APPLICABLE.



BRICKS ON SHARP CURVES TO BE CUT TO ALLOW 10 MM JOINT

NON EXTRUDED BRICK LAID IN 50MM DEEP AND 150MM WIDE MORTAR BED

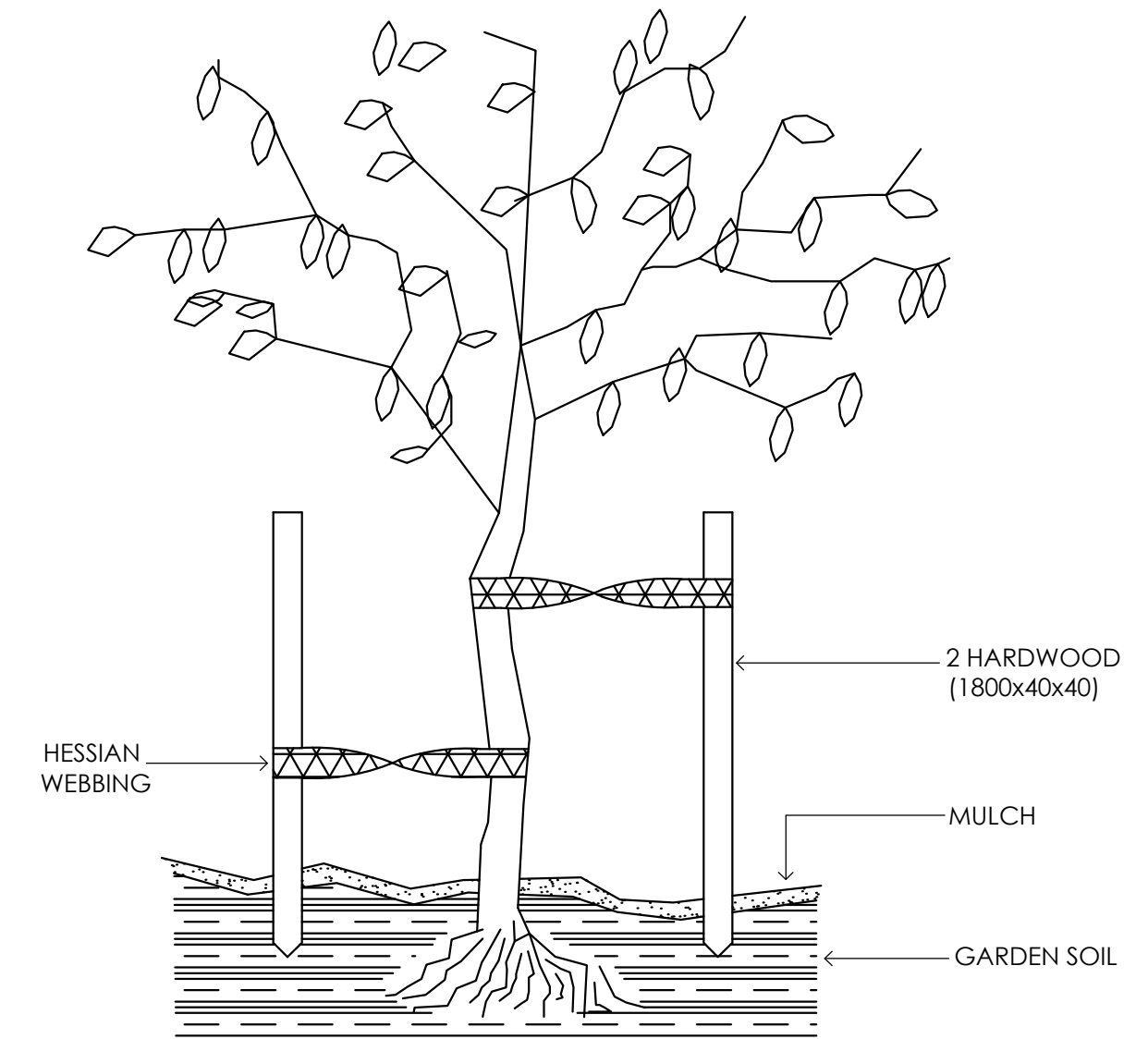
BRICKS LAID END TO END WITH 10 MM MORTAR JOINT

MULCH

GARDEN SOIL

TURF

SOIL UNDERLAY



REVISION		DATE	
A C M CIVIL & STRUCTURAL ENGINEERS P/L SUITE 6, LEVEL 1, 226 THE BOULEVARD PUNCHBOWL NSW 2196 P: 9750 5960 F: 9750 2686 M: 0418 410 444 M: 0411 86 96 86 E: admin@acmcivil.com.au			
CLIENT: KATHERINE WAH & CHAOQI ZHAN			
ADDRESS: 14 PRINCESS MARY STREET (Lot 8 DP 27932)			
SUBURB: BEACON HILL NSW 2100			
PROJECT TYPE: PROPOSED LIFT & BBQ AREA			
TITLE: LANDSCAPE PLAN			
DATE: 26/10/2021	DRAWN BY: D.Y		CHECKED BY: F.E
SCALE: 1:100		ISSUE FOR: DA	
APPROVED BY:			
JOB:		SHEET:	
21040		L 1/1	

