



residential apartment building + basement car parking, 11-15 phillip street, st marys

da issue - 25th february 2015

11-15 phillip street, st marys

architectural drawings schedule

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hydraulic drawing schedule

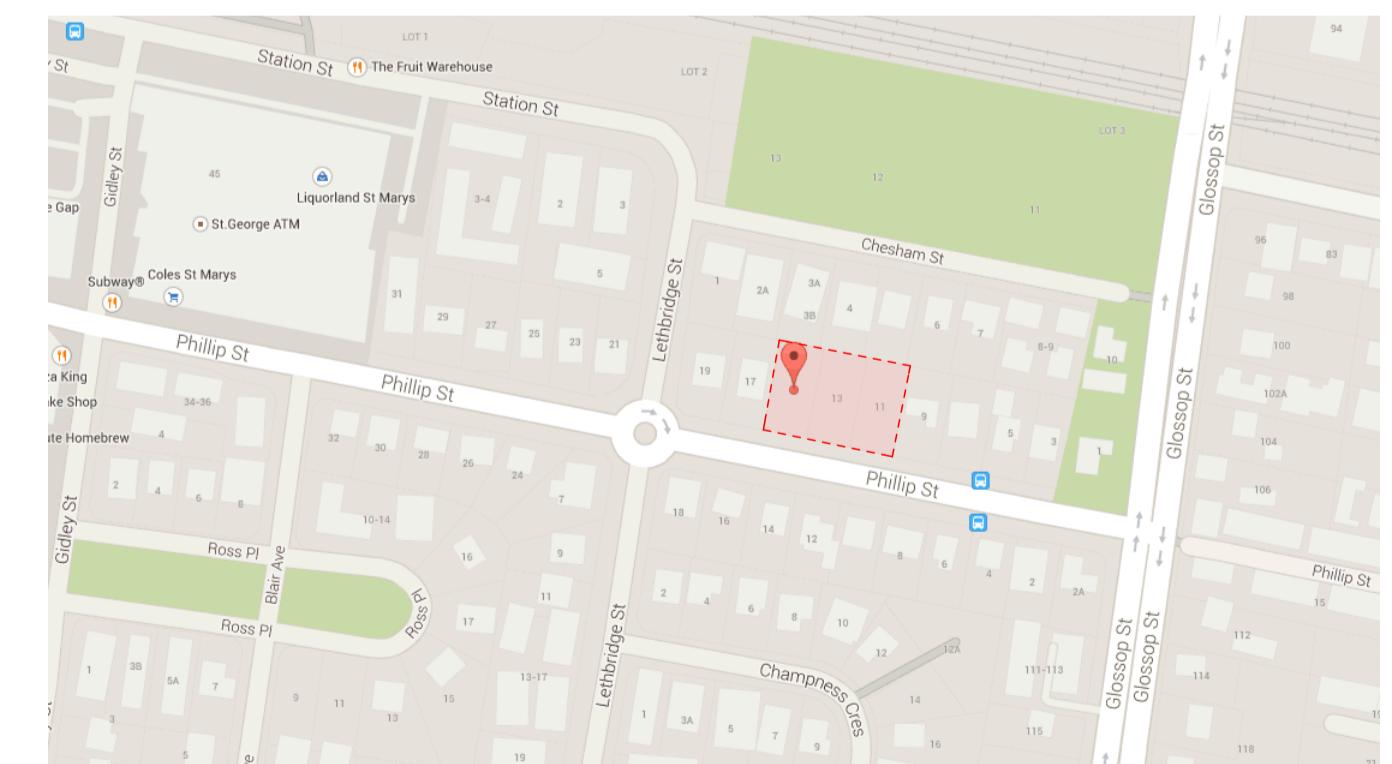
hydraulic services cover sheet & locality plan	HDA01
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hydraulic services level 2 plan	HDA05
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hydraulic services detail sheet #1	HDA09
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landscape drawing schedule

landscape plan	L01
landscape details	L02
staging plan	L03

survey drawing schedule

contour & detail survey of lots 16-18 dp:36191
footpath gradient



01 locality plan
nts



wentworth community housing
residential apartment building +
basement car parking
11-15 phillip street, st marys, nsw

cover sheet

job number dwg. no. / issue & amendment
1765.14 A00 /1

stanton dahl architects

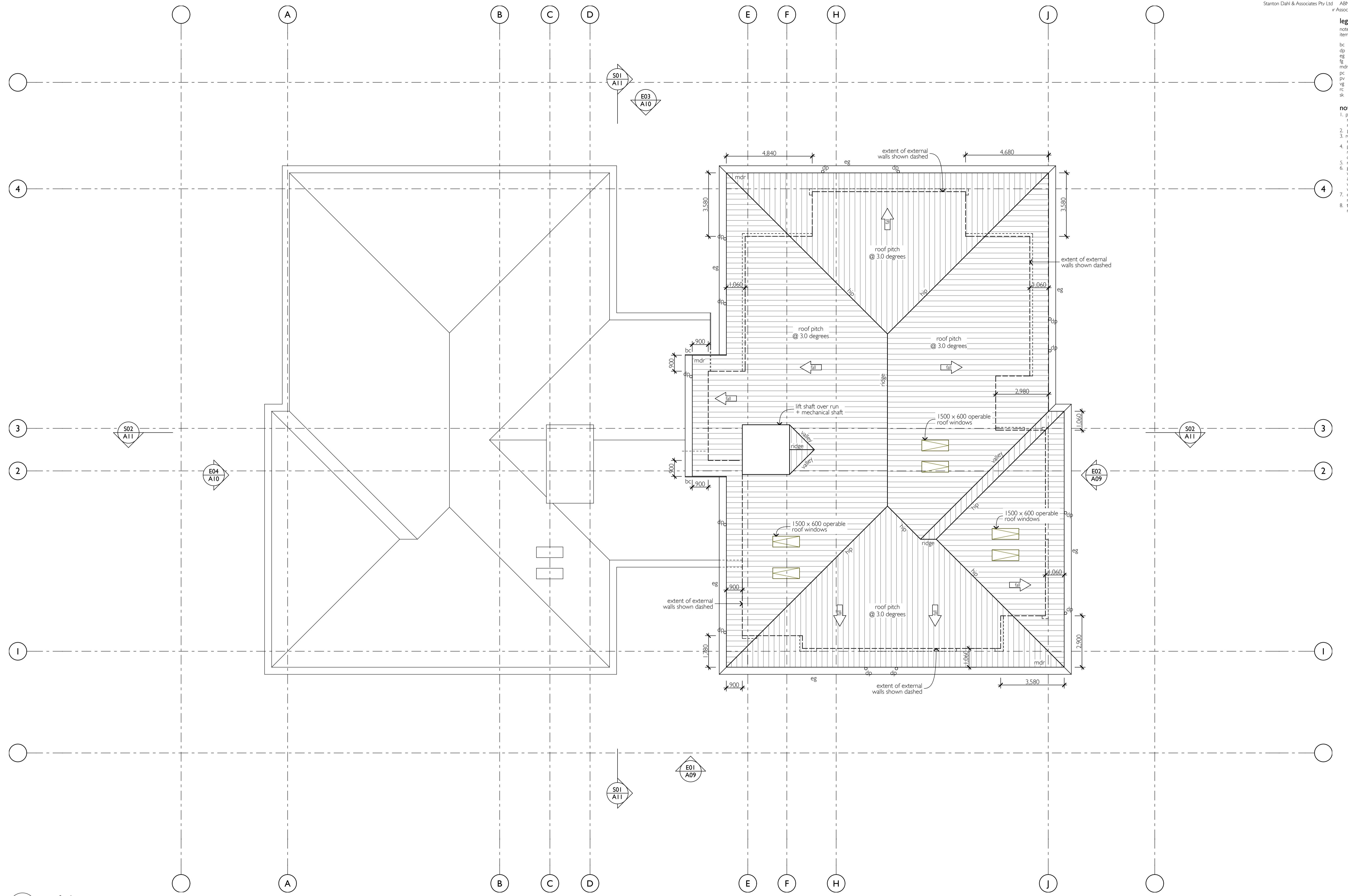
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legend:

note: drawing may not contain all items listed below
 bc barge capping
 dp downpipe
 eg eaves gutter
 fg flashing
 mdr metal deck roof sheeting
 pc pipe capping
 pv photovoltaic cells
 vg valley gutter
 rg ridge capping
 sk sky light

notes:
 1. provide flashings and capping to all roof penetrations in accordance with roof manufacturers details
 2. gutter on brackets as specified.
 3. down pipe sizes required to be installed.
 4. refer to specification.
 5. provide gutter guards to all guttering throughout refer to reference specification for 'group homes'
 6. metal roof sheeting to comply with AS1562.1
 7. gutters, downpipes and flashing must comply with AS/NZS 2179.1 and AS1273 and not contain any water not suitable for potable water supplies. The roof water is not proposed to be used for potable water supply
 8. down pipe sizes are required to satisfy the requirements of BCA 2.5.2
 9. fire hazard classification of materials used must comply with the following:
 (a) sacking-type materials used in the roof must have a flammability index not greater than 10
 (b) flexible ductwork used for the transfer of products initiating from a heat source that contains a flame must comply with the fire hazard properties set out in AS4254.

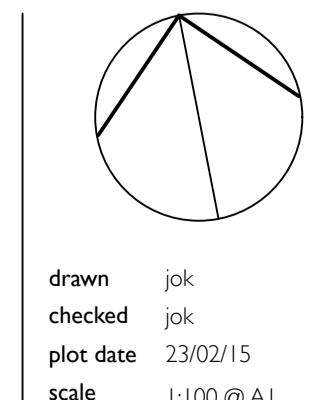


01 roof plan
1:100

wentworth
community housing



I da issue 25/02/15
amendment date
note: all dimensions are to be verified on site and any discrepancies referred to the architect for determination. Figured dimensions are to take precedence over scaled dimensions.



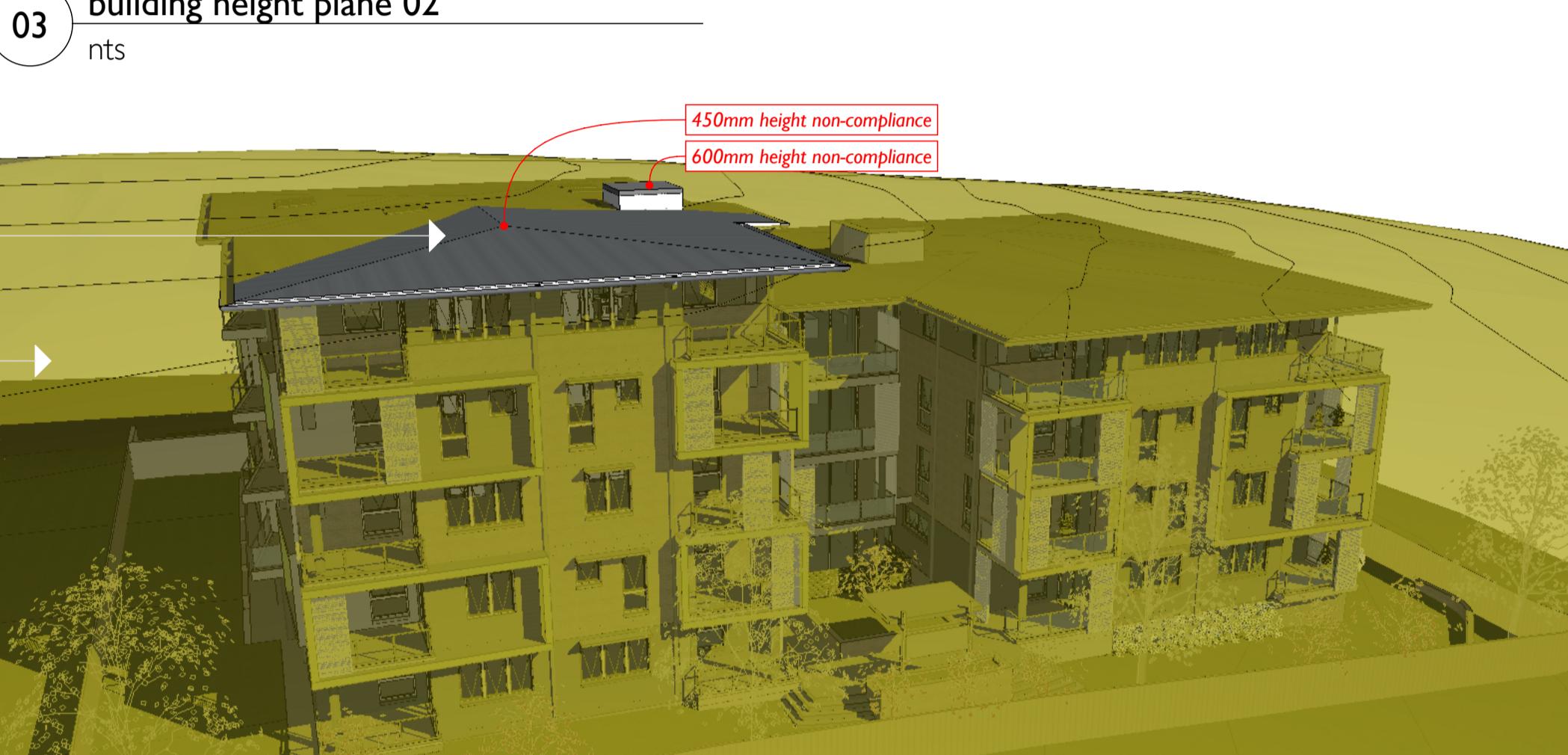
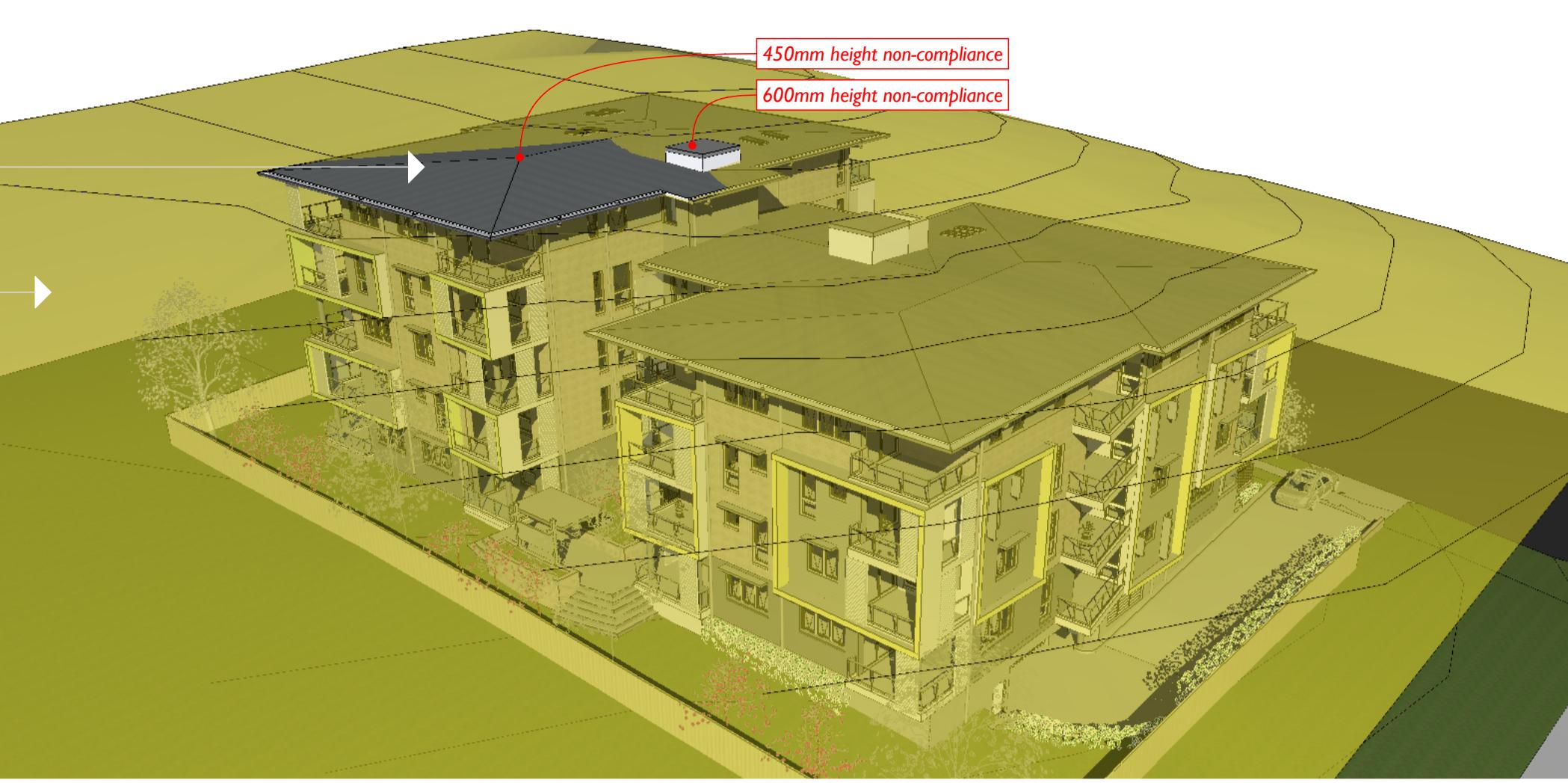
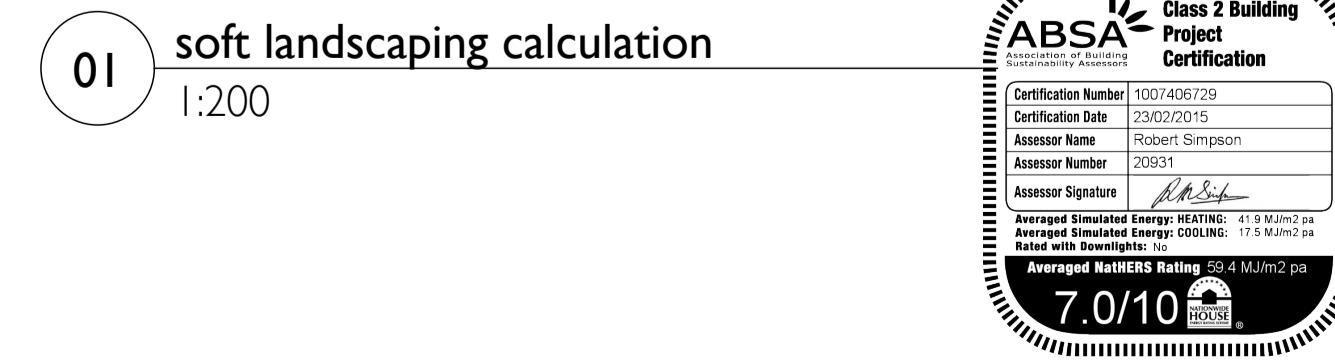
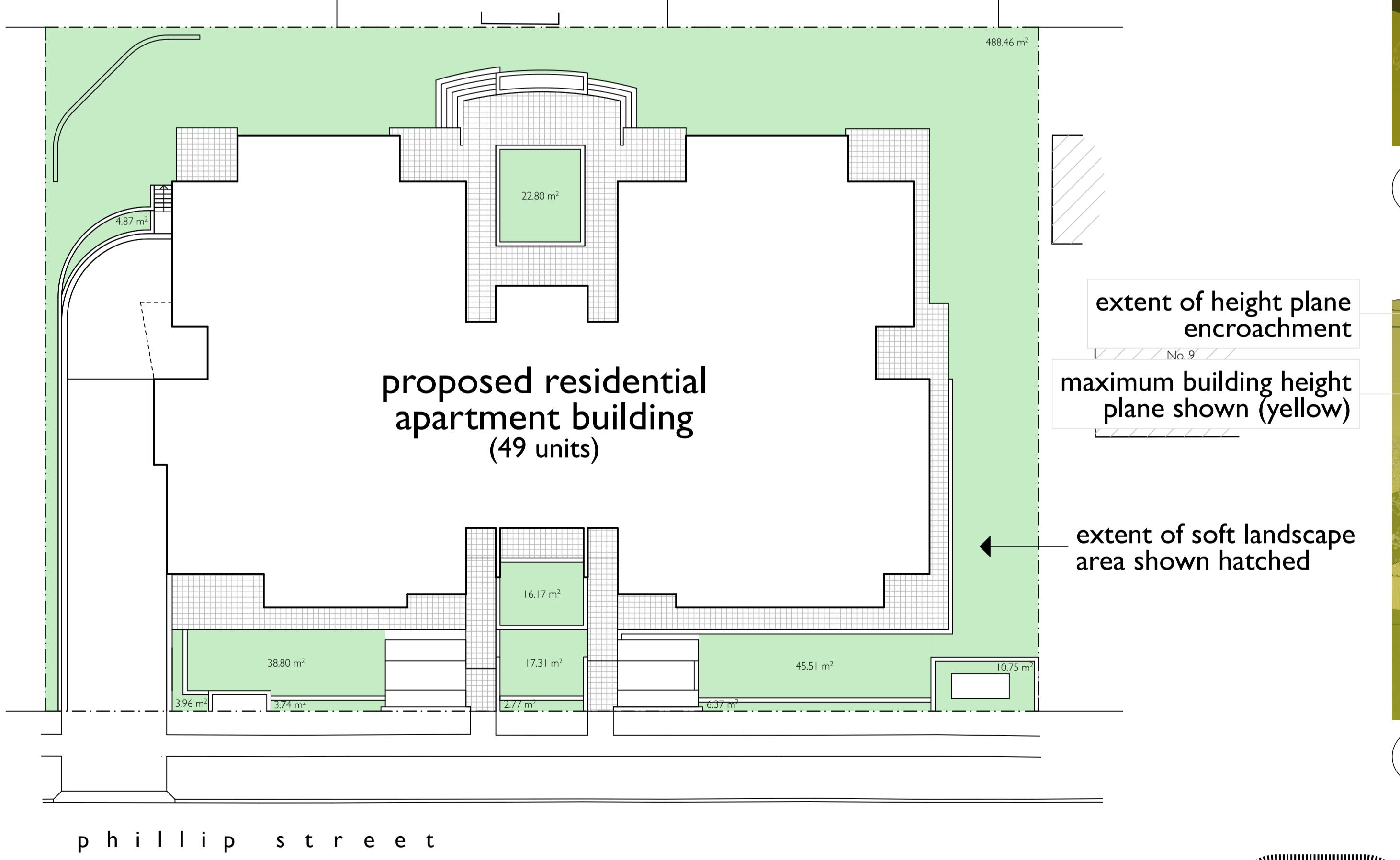
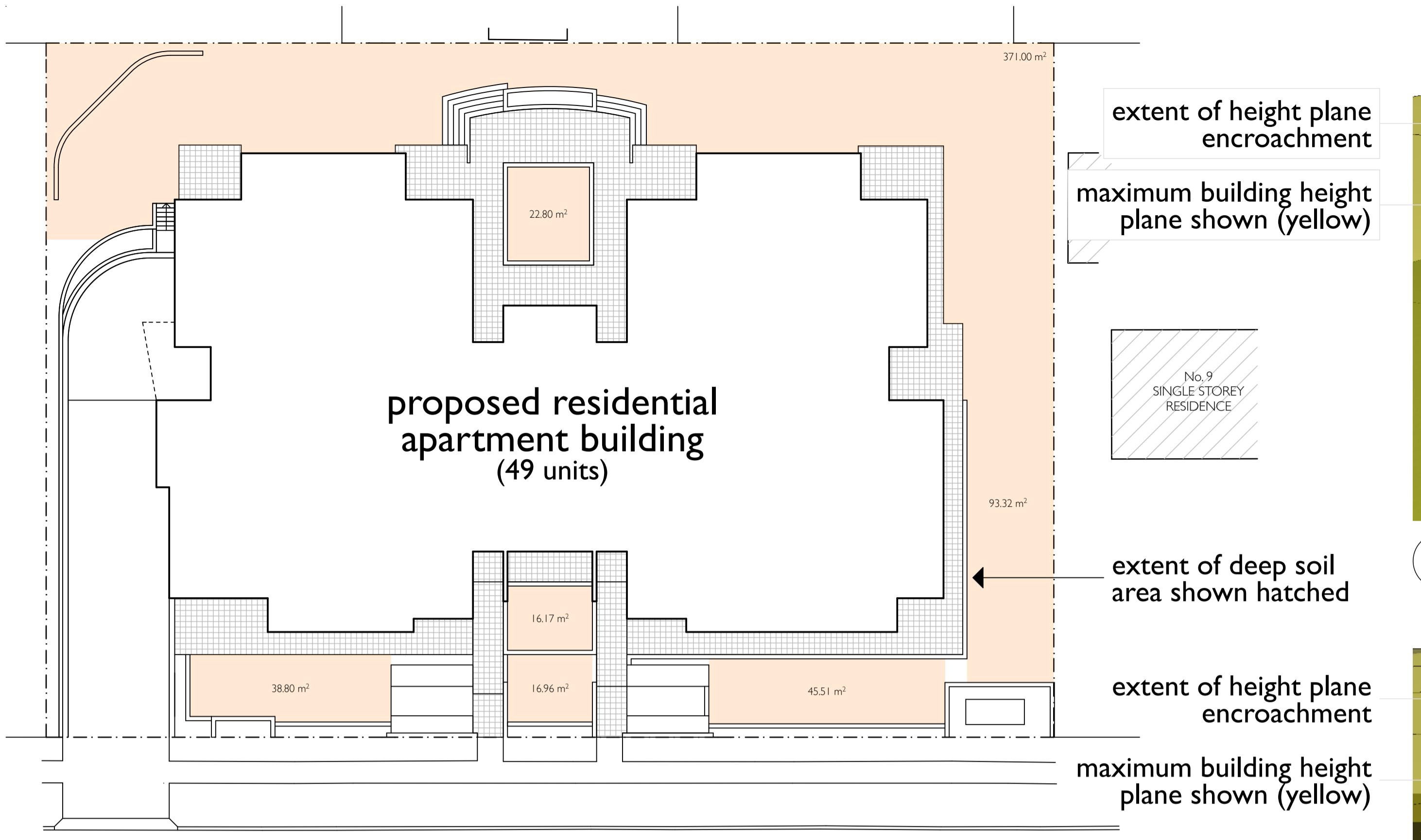
wentworth community housing
residential apartment building +
basement car parking
11-15 philip street, st marys, nsw
roof plan
job number 1765.14 dwg. no. / issue & amendment A08
scale 1:100 @ A1
/I

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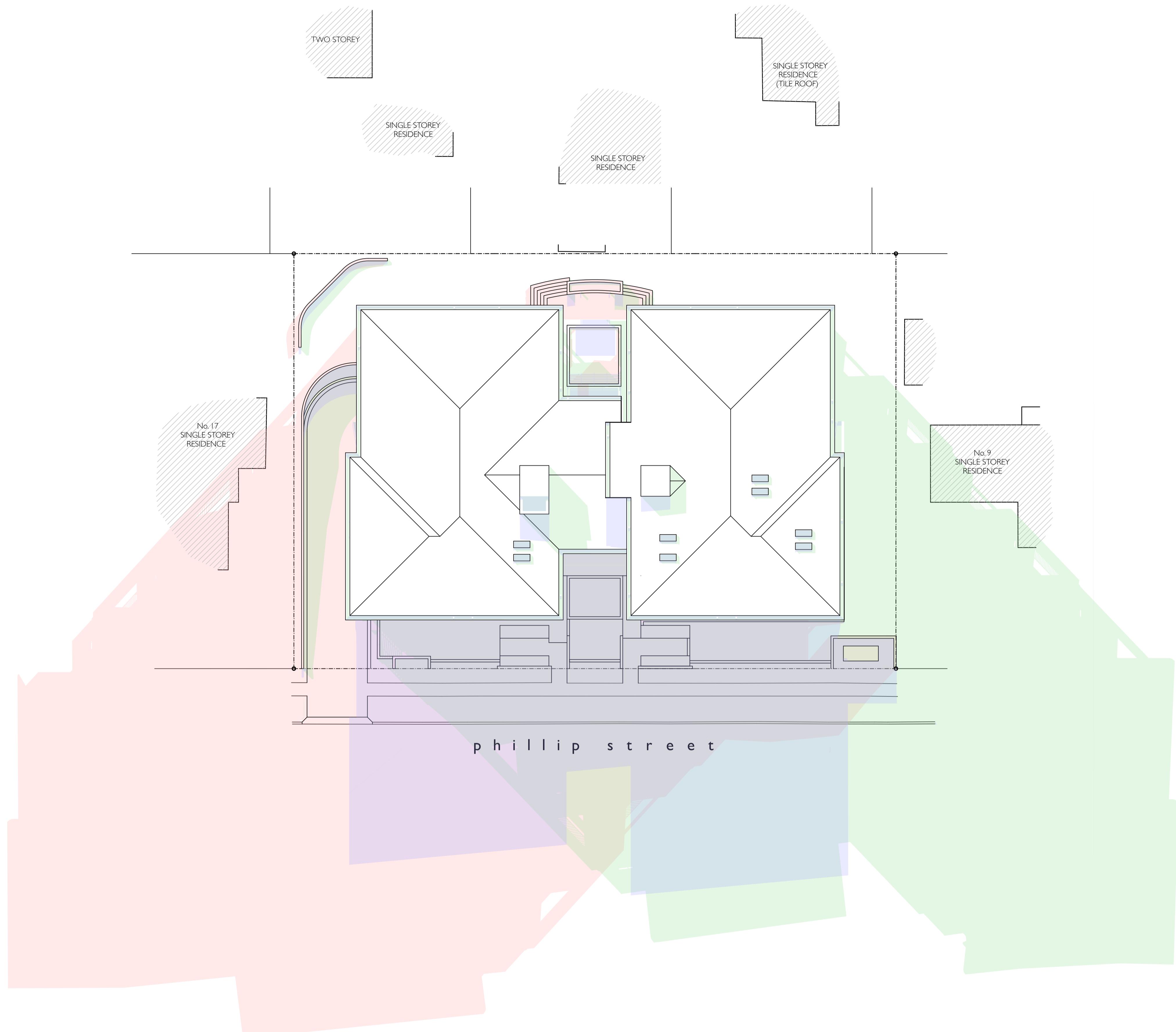
Development Data			
Project Address	Lots 16, 17 & 18 No.1-15 Phillip Street, St Marys		
Site Area	2073.6		
DP:	36191		
Number of units	49		
Unit	type	Bedroom	area m ²
1	Unit	1	58.37
2, 8, 14, 20	Unit	1	50.67
3	Unit	1	52.91
4, 10, 16, 22,	Unit	1	50.9
5, 11, 17, 23	Unit	2	70.3
6, 12, 18, 24	Unit	2	70.29
7, 13, 19	Unit (adaptable)	2	82.38
9, 15, 21	Unit	2	73.62
25, 30, 35, 40, 45	Unit	1	51.06
26, 31, 36, 41, 46	Unit	2	73.63
27, 32, 37, 42, 47	Unit	1	50.46
28, 33, 38, 43, 48	Unit	2	70.3
29, 34, 39, 44, 49	Unit	2	70.3
Total 1 Bed Units	20		
Total 2 Bed Units	29		
Floor Areas			
Basement Car park	1106.62 m ²		
Floor Plan (Level 1)	905.45 m ²		
Floor Plan (Level 2)	897.97 m ²		
Floor Plan (Level 3)	897.97 m ²		
Floor Plan (Level 4)	897.97 m ²		
Floor Plan (Level 5)	404.33 m ²		
Total Building Area :	5110.31 m ²		
Percentage of Units which are Liveable Gold Standard	100%		
Control	Required	Proposed	
Setbacks			
Front	Penrith City Council	5.5m (new areas)	5.73m
Side	Penrith City Council	6m	6m
Rear	Penrith City Council	6m	6m
Height	ARH SEPP	15	4 storey
FSR	n/a	n/a	
Landscape	ARH SEPP	652.26 (35%)	661.52
Deep Soil Zone- 15 % of site with min dim of 3m	ARH SEPP	311.04	759.03
2/3 of this at rear	ARH SEPP	207.15264	371
70% of dwellings to have 3 hours of sunlight to living areas and to associated private open space	ARH SEPP	70%	50%
Parking			
0.4 spaces per 1 bed unit	8	8	
0.5 spaces per 2 bed unit	14.5	14.5	
total spaces provided	22.5	26	

basix commitments			
proposed residential apartment building (49 units)			
lot 16-18 dp 36191 philip street, st marys			
water			
specification			
fixtures			
showers/peak rating	3 star		
toilet rating	4 star		
kitchen taps rating	4 star		
bathroom taps rating	4 star		
alternative water details			
rainwater tank size	10,000 litre (refer hydraulic drawing)		
all toilets	yes		
outdoor hose taps	rainwater tank		
thermal comfort			
cavity brickwork	R1.3 / medium		
brick veneer	n/a		
media ceiling	R1.5 / medium		
internal walls			
timber frame/plasterboard	none		
cavity brick (between adjacent dwelling)	none		
ceiling			
plasterboard	R2.5 (refer to architectural plans)		
roof			
metal roof cladding	R1.5 + 6.0 (medium)		
floors			
concrete	concrete		
windows			
generic O1	generic / single clear / standard aluminum not required for construction		
internal cover	fixed surrounds		
external cover			
skylights			
type 1: manufacturer/gazing/frame	vented skylights - units 20, 45, 46 & 47		
eaves			
width (including gutters)	refer architectural plans for dimensions		
parapets, verandahs, eaves			
type 1: opaque roofs & balconies	n/a		
type 2: partial shading	sunshade devices		
type 3: other	n/a		
site			
orientation of nominal north elevation	11 degrees east		
ventilation, infiltration			
roof ventilation	unventilated		
subfloor openness	enclosed by garage		
weather tightness of all external doors	yes		
vented downlights	no		
exhaust fans without dampers	no		
vented skylights	n/a		
energy			
hot water	gas instantaneous		
ventilation			
bathroom exhaust	mechanically ducted to facade or roof		
control switch	couple to light switch		
kitchen exhaust	mechanically ducted to facade or roof		
control switch	manual switch on/off		
laundry exhaust	mechanically ducted to facade or roof		
control switch	couple to light switch		
cooling			
individual system - living areas	n/a		
individual system - bedroom areas	no individual system		
heating			
individual system - living areas	no individual system		
individual system - bedroom areas	no individual system		
lighting			
are you installing windows or skylights to the kitchen?	no		
how many bathrooms/holes naturally lit	nil		



legend

- shadow diagrams @ 9am
- shadow diagrams @ 12noon
- shadow diagrams @ 3pm



01 shadow diagrams (june 22nd)
1:200



winter solstice solar access schedule (22nd june)
11-15 phillip street, st marys

living areas

unit no.	9am	10am	11am	noon	1pm	2pm	3pm	total hours	complies
1	x	x	✓	✓	✓	x	x	3	Y
2	x	x	x	x	x	x	x	0	N
3	x	x	x	✓	✓	✓	✓	3	Y
4	x	x	x	✓	✓	✓	✓	3	Y
5	✓	✓	✓	✓	✓	✓	✓	6	Y
6	✓	✓	✓	✓	✓	✓	✓	6	Y
7	x	x	✓	✓	✓	x	x	3	Y
8	x	x	x	x	x	x	x	0	N
9	x	x	x	✓	✓	✓	✓	3	Y
10	x	x	x	✓	✓	✓	✓	3	Y
11	✓	✓	✓	✓	✓	✓	✓	6	Y
12	✓	✓	✓	✓	✓	✓	✓	6	Y
13	x	x	✓	✓	✓	x	x	3	Y
14	x	x	x	x	x	x	x	0	N
15	x	x	x	✓	✓	✓	✓	3	Y
16	x	x	x	✓	✓	✓	✓	3	Y
17	✓	✓	✓	✓	✓	✓	✓	6	Y
18	✓	✓	✓	✓	✓	✓	✓	6	Y
19	x	x	✓	✓	✓	x	x	3	Y
20	x	x	x	x	x	x	x	0	N
21	x	x	x	✓	✓	✓	✓	3	Y
22	x	x	x	✓	✓	✓	✓	3	Y
23	✓	✓	✓	✓	✓	✓	✓	6	Y
24	✓	✓	✓	✓	✓	✓	✓	6	Y
25	x	x	x	x	x	x	x	0	N
26	✓	✓	✓	✓	✓	x	x	3	Y
27	✓	✓	✓	✓	✓	x	x	3	Y
28	✓	✓	✓	✓	✓	✓	✓	6	Y
29	✓	✓	✓	✓	✓	✓	✓	6	Y
30	x	x	x	x	x	x	x	0	N
31	✓	✓	✓	✓	x	x	x	3	Y
32	✓	✓	✓	✓	x	x	x	3	Y
33	✓	✓	✓	✓	✓	✓	✓	6	Y
34	✓	✓	✓	✓	✓	✓	✓	6	Y
35	x	x	x	x	x	x	x	0	N
36	✓	✓	✓	✓	x	x	x	3	Y
37	✓	✓	✓	✓	x	x	x	3	Y
38	✓	✓	✓	✓	✓	✓	✓	6	Y
39	✓	✓	✓	✓	✓	✓	✓	6	Y
40	x	x	x	x	x	x	x	0	N
41	✓	✓	✓	✓	x	x	x	3	Y
42	✓	✓	✓	✓	x	x	x	3	Y
43	✓	✓	✓	✓	✓	✓	✓	6	Y
44	✓	✓	✓	✓	✓	✓	✓	6	Y
45	x	x	x	x	x	x	x	0	N
46	✓	✓	✓	✓	x	x	x	3	Y
47	✓	✓	✓	✓	x	x	x	3	Y
48	✓	✓	✓	✓	✓	✓	✓	6	Y
49	✓	✓	✓	✓	✓	✓	✓	6	Y

total no. of units required to achieve 3 hours sunlight to living areas: 70%
total no. of units achieving 3 hours sunlight to living areas: 40 units (82%)



shadow diagrams (east) @ 9am



shadow diagrams (east) @ 10am



shadow diagrams (east) @ 11am



shadow diagrams (east) @ 12noon



shadow diagrams (west) @ 12noon



shadow diagrams (west) @ 1pm



shadow diagrams (west) @ 2pm



shadow diagrams (west) @ 3pm

external colour selections

11-15 phillip street, st marys



roof cladding



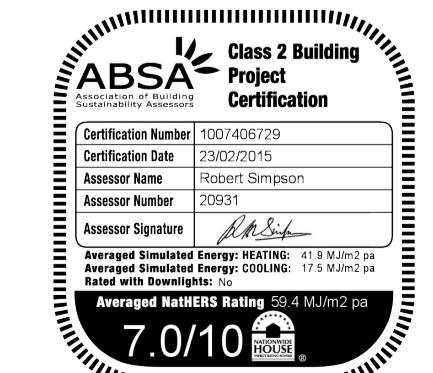
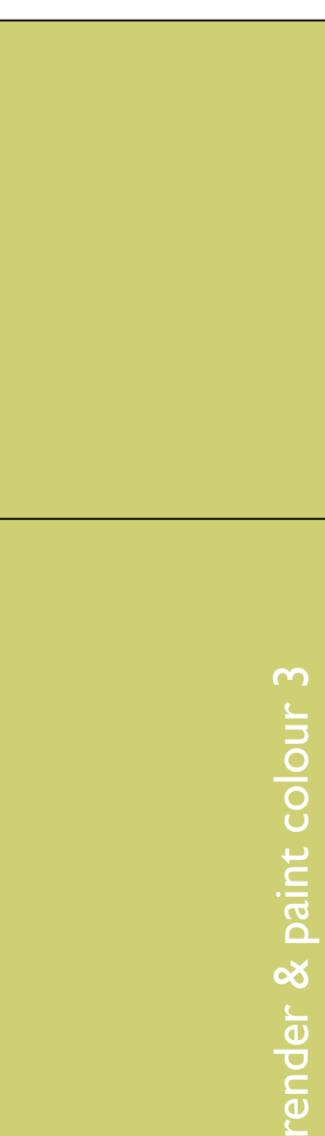
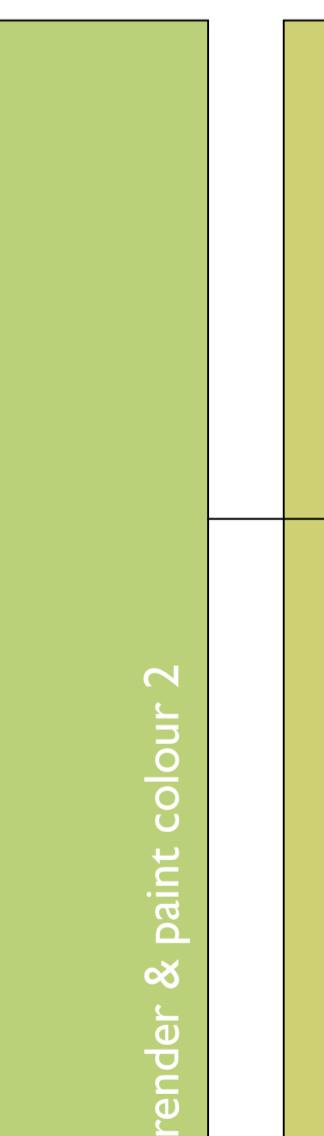
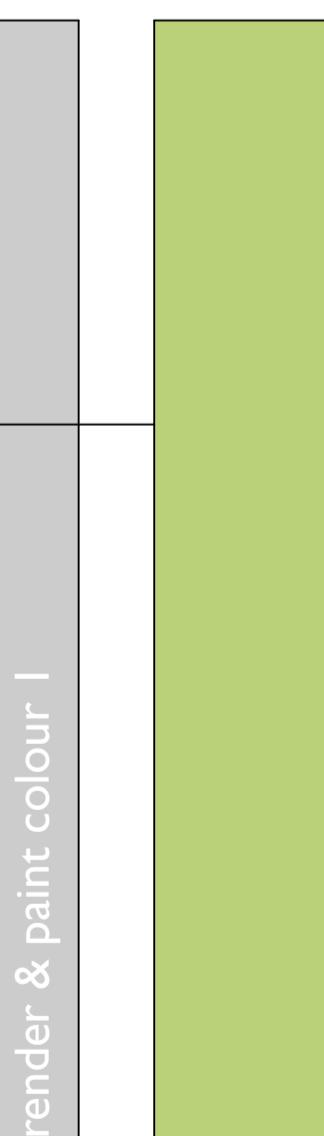
wall cladding



face brickwork



render & paint colour 1



1 da issue 25/02/15
amendment date
note: all dimensions are to be verified on site and any discrepancies referred to the architect for determination. figured dimensions are to take precedence over scaled dimensions.

drawn jok
checked jok
plot date 23/02/15
scale nts @ A1

wentworth community housing
residential apartment building +
basement car parking

11-15 phillip street, st marys, nsw

external colour selections + images

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