preliminary drawing only

10 / 11

EXTERIOR

13mm cement render

190mm concrete block

INTERIOR

Thermal insulation	N/A
Acoustic insulation	N/A
Fire Resistance	120/-/-

Kitchen consultant to confirm whether aquacheck or ECO8 can be used in lieu of 9mm villaboard

12 / 13 / 14

EXTERIOR

13mm cement render

190mm concrete block

13mm cement render

EXTERIOR

Thermal insulation	N/A
Acoustic insulation	N/A
Fire Resistance	120/-/-

15

EXTERIOR

13mm cement render

290mm concrete block

13mm cement render

EXTERIOR

Thermal insulation	N/A
Acoustic insulation	N/A
Fire Resistance	120/-/-

16 / 17

EXTERIOR

13mm cement render

290mm concrete block

INTERIOR

Thermal insulation	N/A
Acoustic insulation	N/A
Fire Resistance	120/-/-

19

INTERIOR

190mm concrete block, core filled

INTERIOR

Thermal insulation	N/A
Acoustic insulation	N/A
Fire Resistance	120/-/- (120/120/120 within switch room)

20

EXTERIOR

13mm cement render

200mm concrete

EXTERIOR

Thermal insulation	N/A
Acoustic insulation	N/A
Fire Resistance	120/-/-

what joint detail?

Usually external walls have to be 92mm stud to deal with wind loads

Notes:

Refer to Compartmentation & Exit plans - all smoke walls to extend to u/s slab / roof sheeting as applicable to comply with NCC.

Refer to Acoustic Report for acoustic requirements and details.

30 / 31

EXTERIOR

13mm cement render

190mm concrete block, core filled

R0.2 Thermal Break Tape

50mm steel stud, 50mm R1.2 insulation batts

13mm plasterboard (13mm Aquachek within wet areas; 9mm Villaboard within laundry; 13mm Impactchek to 1200mm above FFL, 13mm plasterboard over to corridors, dining & lounge areas)

INTERIOR

Thermal insulation	Total wall R value: As per JV-3 Report
Acoustic insulation	As per acoustic report
Fire Resistance	120/-/-

ECO8

32

EXTERIOR / SWITCH ROOM

190mm concrete block, core filled

R0.2 Thermal Break Tape

50mm steel stud, 50mm R1.2 insulation batts

13mm plasterboard (13mm Aquachek within wet areas; 9mm Villaboard within kitchen; 13mm Impactchek to 1200mm above FFL, 13mm plasterboard over to corridors)

INTERIOR

Thermal insulation	Total wall R value: As per JV-3 Report
Acoustic insulation	As per acoustic report
Fire Resistance	120/-/- (120/120/120 within switch room and 120/60/60 where bounding external stairs)

33

EXTERIOR

13mm cement render

250mm concrete (column)

R0.2 Thermal Break Tape

50mm steel stud, 50mm R1.2 insulation batts

13mm plasterboard (13mm Aquachek within wet areas; 9mm Villaboard within laundry; 13mm Impactchek to 1200mm above FFL, 13mm plasterboard over to corridors, dining & lounge areas)

INTERIOR

Thermal insulation	Total wall R value: As per JV-3 Report
Acoustic insulation	As per acoustic report
Fire Resistance	120/-/-

34

EXTERIOR

13mm cement render

290mm concrete block, core filled

R0.2 Thermal Break Tape

50mm steel stud, 50mm R1.2 insulation batts

13mm plasterboard (13mm Aquachek within wet areas; 9mm Villaboard within laundry; 13mm Impactchek to 1200mm above FFL, 13mm plasterboard over to corridors, dining & lounge areas)

INTERIOR

Thermal insulation	Total wall R value: As per JV-3 Report
Acoustic insulation	As per acoustic report
Fire Resistance	120/-/-

35

EXTERIOR / STAIR

290mm concrete block, core filled

R0.2 Thermal Break Tape

50mm steel stud, 50mm R1.2 insulation batts

13mm plasterboard (13mm Aquachek within wet areas; 9mm Villaboard within laundry; 13mm Impactchek to 1200mm above FFL, 13mm plasterboard over to corridors, dining & lounge areas)

INTERIOR

Thermal insulation	Total wall R value: As per JV-3 Report
Acoustic insulation	As per acoustic report
Fire Resistance	120/-/-

39

EXTERIOR

9mm CFC

64mm steel stud, 75mm Fibreglass insulation

ROOF SPACE

Thermal insulation	Total wall R value: As per JV-3 Report
Acoustic insulation	As per acoustic report
Fire Resistance	N/A

This wall type called up to corridor on ground level as well. Confirm Rw rating of this wall as Rw45 may not be required (its not required in the acoustic report) Can we revert this back to WT70

50

Wall incl insulation extends to u/s slab over. On Level 5, wall & insulation extends from floor to min. 100mm above ceiling

ROOM

13mm Soundchek (13mm W.R. Soundchek within wet areas)

92mm steel stud, 75mm Fibreglass insulation

13mm Soundchek (13mm W.R. Soundchek within wet areas, 9mm Villaboard within kitchen)

ROOM

Thermal insulation	N/A
Acoustic insulation	Rw 45
Fire Resistance	N/A

Can this be CSR1035c (aquachek with 64mm stud)

51

Wall incl insulation extends to u/s slab over. On Level 5, wall extends to u/s roof sheeting to comply with NCC, insulation extends from floor to min. 100mm above ceiling

ROOM

13mm Fyrchek (13mm W.R. Fyrchek within wet areas)

92mm steel stud, 75mm Fibreglass insulation

13mm Fyrchek (13mm W.R. Fyrchek within wet areas)

ROOM

Thermal insulation	N/A
Acoustic insulation	Rw 45
Fire Resistance	Smoke - Upgraded to 60 Min Fire Rated smoke

Smoke wall not a fire rated wall

52

Wall incl insulation extends to u/s slab over. On Level 5, wall & insulation extends from floor to min. 100mm above ceiling

ROOM

13mm Soundchek (13mm W.R. Soundchek within wet areas)

64mm steel stud, 75mm Fibreglass insulation

Variable air gap to suit width of adjacent wall/column

64mm steel stud

13mm Soundchek (13mm W.R. Soundchek within wet areas)

ROOM

Thermal insulation	N/A
Acoustic insulation	Rw 45
Fire Resistance	N/A

Can we remove fyrechek and replace with standard PB

53

Wall incl insulation extends to u/s slab over. On Level 5, wall extends to u/s roof sheeting to comply with NCC, insulation extends from floor to min. 100mm above ceiling

ROOM

13mm Fyrchek (13mm W.R. Fyrchek within wet areas)

64mm steel stud, 75mm Fibreglass insulation

106mm air gap to suit conc column width

64mm steel stud

13mm Fyrchek (13mm W.R. Fyrchek within wet areas)

ROOM

Thermal insulation	N/A
Acoustic insulation	Rw 45
Fire Resistance	Smoke - Upgraded to 60 Min Fire Rated smoke

54

Wall incl insulation extends to u/s slab over. On Level 5, wall & insulation extends from floor to min. 100mm above ceiling

ROOM

13mm Fyrchek

64mm steel stud, 75mm Fibreglass insulation

20mm air gap

64mm steel stud

13mm Fyrchek

UTILITIES

Thermal insulation	N/A
Acoustic insulation	Rw 50 + discontinuous
Fire Resistance	N/A

use ECO8 instead

55

Wall incl insulation extends to u/s slab over. On Level 5, wall extends to u/s roof sheeting to comply with NCC, insulation extends from floor to min. 100mm above ceiling

ROOM

13mm Fyrchek

64mm steel stud, 75mm Fibreglass insulation

20mm air gap

64mm steel stud

13mm Fyrchek (13mm W.R. Fyrchek within wet areas)

UTILITIES

Thermal insulation	N/A
Acoustic insulation	Rw 50 + discontinuous
Fire Resistance	Smoke - Upgraded to 60 Min Fire Rated smoke refer FER

56

Wall incl insulation extends to u/s slab over.

CORRIDOR

13mm Impactchek to 1200mm above FFL, 13mm Soundchek over

92mm steel stud, 75mm Fibreglass insulation

13mm Soundchek (13mm W.R. Soundchek within wet areas, 9mm Villaboard within kitchen)

ROOM

Thermal insulation	N/A
Acoustic insulation	Rw 45
Fire Resistance	N/A

57

Wall extends to u/s slab over. On Level 5 only, wall to extend to u/s roof sheeting to comply with NCC.

INTERIOR

16mm Fyrchek

16mm Fyrchek

64mm steel stud, 50mm GW Acoustiguard insulation

25mm Gyprock Shaft Liner Panel

CHUTE

CSR 7675(b)

Thermal insulation	N/A
Acoustic insulation	Rw 47
Fire Resistance	-/120/120

CSR7605 13mm PB and 2 x 25mm shaft liner

Acoustic report says rw ctr 25

BCA says -/90/90

70

Wall extends to u/s slab over. On Level 5 only, wall to have insulation and extends from floor to min. 100mm above ceiling

CORRIDOR / LOUNGE / DINING

13mm Impactchek to 1200mm above FFL, 13mm plasterboard over

64mm steel stud, 75mm Fibreglass insulation

13mm plasterboard (13mm Aquachek within wet areas)

ROOM

Thermal insulation	N/A
Acoustic insulation	Rw 35
Fire Resistance	N/A

CSR3011a gets Rw35
But if we do not need to have an Rw rating, then have ECO8 Complete in place of impactchek on lower 1200mm only and standard PB over on one side

71

INTERIOR

13mm plasterboard (13mm Aquachek within wet areas, 9mm Villaboard within kitchen)

64mm steel stud

13mm plasterboard (13mm Aquachek within wet areas, 9mm Villaboard within kitchen)

INTERIOR

Thermal insulation	N/A
Acoustic insulation	N/A
Fire Resistance	N/A

kitchen consultant to confirm

72

Wall incl insulation extends to u/s slab over. On Level 5, wall & insulation extends from floor to min. 100mm above ceiling

INTERIOR

13mm Impactchek to 1200mm above FFL, 13mm Aquachek over

64mm steel stud, 75mm Fibreglass insulation

VOID

Thermal insulation	N/A
Acoustic insulation	Rw + Ctr 25
Fire Resistance	N/A

ECO8 Complete to 1200mm then standard PB over

73

Wall incl insulation extends to u/s slab over. On Level 5, wall extends from floor to u/s roof trusses

INTERIOR

13mm plasterboard (13mm Aquachek within wet areas)

64mm steel stud

VOID

Thermal insulation	N/A
Acoustic insulation	N/A
Fire Resistance	N/A

Called up for some risers check needs to be rw ctr 25 therefore may be CSR7220a

74

Wall extends to u/s slab over. On Level 5, wall & insulation extends from floor to u/s roof trusses. Refer Acoustic Report Detail AW005- insulation required from u/s slab down to 300mm below ensuite ceiling level. No insulation required to Level 5 only

ROOM

13mm plasterboard

64mm steel stud

13mm Aquacheck

ENSUITE

Thermal insulation	N/A
Acoustic insulation	N/A
Fire Resistance	N/A

Reference Rw ctr 40 for waste pipe and in-ceiling only. Stud wall to be CSR1032a

75

Wall incl insulation extends to u/s slab over. On Level 5, wall & insulation extends from floor to min. 100mm above ceiling

CORRIDOR

13mm Fyrchek or Impactchek

64mm steel stud

13mm W.R. Fyrchek or W.R Impactchek

ENSUITE

Thermal insulation	N/A
Acoustic insulation	Rw 45
Fire Resistance	N/A

needs 50 GW to achieve rw45. ECO8 complete either side CSR3017

76

Wall incl insulation extends to u/s slab over. On Level 5, wall & insulation extends from floor to min. 100mm above ceiling

ENSUITE

13mm Aquacheck

64mm steel stud, 75mm Fibreglass insulation

VOID

Thermal insulation	N/A
Acoustic insulation	Rw 35
Fire Resistance	N/A

Please note subcontractor is looking at option for back to back 92mm stud to take the drop down arms either side of the WC pan

Acoustic report says Rw Ctr 25

13mm Impactchek to 1200mm above FFL, 13mm plasterboard over

CSR 7665

– /90/90 (from both sides)

FCO 3063

BETWEEN STUDS
- 1 x 25mm Gyprock Shaft Liner Panel.

SIDE ONE
- 2 x 13mm Gyprock Fyrchek Plasterboard.

(a) Nil	40/33	45/39
(b) 50 GW Acoustigard 11kg	47/38	52/44
(c) 75 GW Acoustigard 11kg	–	54/46
(d) MSB3 Polyester	–	50/43
(e) 60 Soundscreen 1.7	–	54/45
Wall Thickness mm	90	128

Thermal insulation	N/A
Acoustic insulation	N/A
Fire Resistance	120/120/120

81

INTERIOR

13mm plasterboard (13mm Impactchek to 1200mm above FFL, 13mm plasterboard over within dining areas)

16mm furring channel

190mm concrete block, core filled

50mm steel stud, 50mm GW Acoustiguard insulation

13mm plasterboard (13mm Impactchek to 1200mm above FFL, 13mm plasterboard over within dining areas)

INTERIOR

Thermal insulation	N/A
Acoustic insulation	Rw 45
Fire Resistance	120/-/-

CSR 3011

SIDE ONE
- 1 x 13mm Gyprock Standard Plasterboard.

SIDE TWO
- 1 x 13mm Gyprock ECO8 Complete.

(a) Nil	33/25	35/28	36/29	38/31	40/3
(b) 50 GW Acoustigard 11kg	41/31	43/34	44/35	46/37	47/38
(c) 75 GW Acoustigard 11kg	–	45/36	45/36	47/38	48/3
(d) MSB3 Polyester	39/30	41/33	42/34	44/36	44/36
(e) 88 Soundscreen 2.5	–	–	48/39	49/40	51/42
Wall Thickness mm	77	90	102	118	176

16mm furring channel

290mm concrete block, core filled

50mm steel stud, 50mm GW Acoustiguard insulation

13mm plasterboard (13mm Impactchek to 1200mm above FFL, 13mm plasterboard over within dining areas)

INTERIOR

Thermal insulation	N/A
Acoustic insulation	Rw 45
Fire Resistance	120/-/-

83

INTERIOR

13mm Plasterboard

28mm furring channel

190mm concrete block, core filled

28mm furring channel

13mm Plasterboard

INTERIOR

Thermal insulation	N/A
Acoustic insulation	N/A
Fire Resistance	120/-/-

ANY REFERENCE TO ECO8 MEANS ECO8 COMPLETE

PLEASE REVIEW THE ADHOC LOCATIONS OF THE HYDRAULIC RPZs AND THAT THE STUD SIZE OF THAT WALL WILL NEED TO BE 92MM.

tects

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Client

Rockpool

Tender Issue

Amendment

pes

Drawing Number

20-12- A-6.20

Scale 1 : 10 @ A1 original

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