

Option 1: Notes
1 in 50 Defence Standard

Initial Construction Height

Defence Height to 2050	4.18
Coping	0.1
Freeboard	0.15
Construction height (mOD)	4.43

Intervention at 2051: to 1 in 50 up to 2115

Defence Height to 2115	4.7
Coping	0.1
Freeboard	0.15
Raise height by 520m	4.95

Handrail Requirement Assessment

to 2050 Highest wall height at Seamens Hospital Gardens = 1.15
 Lowest wall height opposite 33 Church Street = 0.48
Allow for handrails along the whole length & 36 yrs maintenance

2050 to 2115 Highest wall height at Seamens Hospital Gardens = 1.67
 Lowest wall height opposite 33 Church Street = 1.0
Handrails not required - raise wall low spots to min 1.1m

Car Park Assessment

to 2050	No flood wall required	
2051 to 2115	Replace brick walls with new (average) 1.18m high walls (above GL)	1.18
	Build new 1.1m high flood wall d/s of Fleece Inn (above GL)	1.1
	Raise plinth area at slipway	
	Install non-return valves	
	Install 1.1m high flood gate	
	Raise pontoon access and modify ramp	

Eskside Wharf Assessment

to 2050	No flood wall required
2051 to 2115	Build new 1.1m high flood wall to tie into high ground at Sub Station (4.7mOD).
	To provide 1:50 Standard Of Protection to 2115
	Install 2nr Flood Gates across entrances. 10m and 6m widths.

Knight, P D (Paul):
 Assumed that no ES is required.

Knight, P D (Paul):
 Costs for brick cladding and exposed aggregate finish.

Knight, P D (Paul):
 £2.5k allowance for artistic enhancements to Penny Hedge flood gate.

Option 1: Cost Breakdown

2013: - Investigation, Design, Consultation & Planning

Site Investigation @ 7% of construction cost	£36,779.95
Design Fees @ 12.5% of construction cost	£65,678.49
SBC Costs @ 2.0% of construction cost	£10,508.56
ECI Contractor Costs	£4,000.00
Consultation, Permits & Licences (inc Planning Application and Environmental Reporting)	£3,500.00
Total 2013 Costs	£120,466.99

2014: - Construction Phase

Removal of handrails, shot blasting, painting and reinstallation.	£30,000.00
Construction of average 0.82m high wall.	£186,230.56
Fleece Inn works	£4,803.50
Modifications to pontoon access ramp in car park.	£2,240.00
Gardens Miscellaneous	£21,182.50
Gardens to Eskside Miscellaneous	£88,500.00
Environmental Mitigation	£29,241.56
Environmental Enhancements	£2,500.00
Construction costs	£364,698.13
Uplift of 1.16 from SPONS 2009 Q1 prices to 2012 Q3	£423,049.83
Prelims @ 15% of construction cost	£63,457.47
Profit @ 8% of construction cost	£38,920.58
Total Construction Costs	£525,427.88
Supervision @ 7% of construction cost	£36,779.95
SBC Costs @ 2.5% of construction cost	£13,135.70
ECC PM Costs @ 4.0 % of construction cost	£21,017.12
Compensation	£25,000.00
Total 2014 Costs	£621,360.65

2051: - First Intervention

Design Fees @ 10% of construction cost	£70,817.31
SBC Costs @ 2% of construction cost	£14,163.46
Removal of handrails	£2,500.00
Replacement of flood gates	£27,500.00
Raising of walls by 520mm (to a minimum height of 1.1m)	£58,776.64
Construction of 1.18m high flood wall in car park & misc works	£138,781.18
Construction of 1.1m high flood wall d/s of Fleece Inn	£43,767.52
Raise wall at Fleece Inn	£4,803.50
Car Park Flood Gate & NRV's & Misc	£25,740.00
1.1m high wall from Eskside Wharf to Substation (100m)	£189,672.25
Construction Costs	£491,541.09
Uplift of 1.16 from SPONS 2009 Q1 prices to 2012 Q3	£570,187.66
Prelims @ 15% of construction cost	£85,528.15
Profit @ 8% of construction cost	£52,457.26
Total Construction Costs	£708,173.08
Supervision @ 7% of construction cost	£49,572.12
SBC Costs @ 2.5% of construction cost	£17,704.33
ECC PM Costs @ 4.0 % of construction cost	£28,326.92
Total 2051 Costs	£888,757.21

Option 1: Maintenance & Annual Inspection Costs

Inspection	2 persons @ 4hrs each twice per year @ £50 per hr & Expenses & mileage	£450.00
Maintenance 2014 to 2051	Typical annual works;	
	Repointing and repairs to facing and copings	2 days £1,660.00
	Maintenance of flood gates	1/2 day £490.00
	Replacement of joint seals	1 day £980.00
	Cleaning of steps	1/2 day £440.00
	Painting and repairs to handrails	2 days £1,860.00
Total annual maintenance & inspection costs		£5,430.00
Maintenance 2051 to 2115	Typical annual works;	
	Repointing and repairs to facing and copings	6 days £4,380.00
	Maintenance of flood gates	2 days £1,510.00
	Replacement of joint seals	4 days £3,020.00
	Cleaning of steps	1/2 day £440.00
Total annual maintenance & inspection costs		£9,350.00

Notes
 1 Based on weekly labour costs of £1,500 per week per person plus additional allowance of £400 per week for a vehicle plus material costs where appropriate.

Knight, P D (Paul):
 Note - proportional reduction from average of 1.1 to average of 0.82

Knight, P D (Paul):
 Derived from use of Museum Car Park - loss of 41 spaces @ £1k per annum revenue. Plus £4.5k for compensation to businesses/fishermen.

Knight, P D (Paul):
 Note: 3% increase in costs to allow for wall raising at low spots.

Knight, P D (Paul):
 Note - reduction in cost proportional to reduction in wall height.

Option 2: Notes

1 in 100 Defence Standard

Initial Construction Height

Defence Height to 2050	4.32
Coping	0.1
Freeboard	0.15
Construction height	4.57

Intervention at 2051: to 1 in 50 up to 2115

Defence Height to 2115	4.7
Coping	0.1
Freeboard	0.15
Raise height by 380mm	4.95

Handrail Requirement Assessment

to 2050	Highest wall height at Seamens Hospital Gardens = 1.29
to 2050	Lowest wall height opposite 33 Church Street = 0.62
	<u>Allow for handrails along the whole length & 36 yrs maintenance</u>

to 2115	Highest wall height at Seamens Hospital Gardens = 1.67
to 2115	Lowest wall height opposite 33 Church Street = 1.0
	<u>Handrails not required - raise wall low spots to min 1.1m</u>

Car Park Assessment

to 2050	No flood wall required	
2051 to 2115	Replace brick walls with new (average) 1.18m high walls (above GL)	1.18
	Build new 1.1m high flood wall d/s of Fleece Inn (above GL)	1.1
	Raise plinth area at slipway	
	Install non-return valves	
	Install 1.1m high flood gate	
	Raise pontoon access and modify ramp	

Eskside Wharf Assessment

to 2050	No flood wall required
2051 to 2115	Build new 1.1m high flood wall to tie into high ground at Sub Station (4.7mOD).
	To provide 1:50 Standard Of Protection to 2115
	Install 2nr Flood Gates across entrances. 10m and 6m widths.

Knight, P D (Paul):
Assumed that no ES is required.

Knight, P D (Paul):
Costs for brick cladding and exposed aggregate finish.

Knight, P D (Paul):
£2.5k allowance for artistic enhancements to Penny Hedge flood gate.

Option 2: Cost Breakdown

2013: - Investigation, Design , Consultation & Planning

Site Investigation @ 7% of construction cost	£40,490.03
Design Fees @ 12.5% of construction cost	£72,303.62
SBC Costs @ 2.0% of construction cost	£11,568.58
ECI Contractor Costs	£4,000.00
Consultation, Permits & Licences (inc Planning Application and Environmental Reporting)	£3,500.00
Total 2013 Costs	£131,862.23

2014: - Construction Phase

Removal of handrails, shot blasting, painting and reinstallation.	£30,000.00
Construction of average 0.96m high wall.	£218,026.03
Fleece Inn works	£4,803.50
Modifications to pontoon access ramp in car park.	£2,240.00
Gardens Miscellaneous	£21,182.50
Gardens to Eskside Miscellaneous	£88,500.00
Environmental Mitigation	£34,234.02
Environmental Enhancements	£2,500.00
Construction costs	£401,486.05
Uplift of 1.16 from SPONS 2009 Q1 prices to 2012 Q3	£465,723.82
Prelims @ 15% of construction cost	£69,858.57
Profit @ 8% of construction cost	£42,846.59
Total Construction Costs	£578,428.98
Supervision @ 7% of construction cost	£40,490.03
SBC Costs @ 2.5% of construction cost	£14,460.72
ECC PM Costs @ 4.0 % of construction cost	£23,137.16
Compensation	£25,000.00
Total 2014 Costs	£681,516.89

2051: - First Intervention

Design Fees @ 10% of construction cost	£68,537.44
SBC Costs @ 2% of construction cost	£13,707.49
Removal of handrails	£2,500.00
Replacement of flood gates	£27,500.00
Raising of walls by 380mm (to a minimum height of 1.1m)	£42,952.16
Construction of 1.18m high flood wall in car park & misc works	£138,781.18
Construction of 1.1m high flood wall d/s of Fleece Inn	£43,767.52
Raise wall at Fleece Inn	£4,803.50
Car Park Flood Gate & NRV's & Misc	£25,740.00
1.1m high wall from Eskside Wharf to Substation (100m)	£189,672.25
Construction Costs	£475,716.61
Uplift of 1.16 from SPONS 2009 Q1 prices to 2012 Q3	£551,831.26
Prelims @ 15% of construction cost	£82,774.69
Profit @ 8% of construction cost	£50,768.48
Total Construction Costs	£685,374.43
Supervision @ 7% of construction cost	£47,976.21
SBC Costs @ 2.5% of construction cost	£17,134.36
ECC PM Costs @ 4.0 % of construction cost	£27,414.98
Total 2051 Costs	£860,144.91

Option 2: Maintenance & Annual Inspection Costs

Inspection	2 persons @ 4hrs each twice per year @ £50 per hr & Expenses & mileage	£450.00	
Maintenance Typical annual works; 2014 to 2051	Repointing and repairs to facing and copings	2 days	£1,660.00
	Maintenance of flood gates	1/2 day	£490.00
	Replacement of joint seals	1 day	£980.00
	Cleaning of steps	1/2 day	£440.00
	Painting and repairs to handrails	2 days	£1,860.00
Total annual maintenance & inspection costs			£5,430.00
Maintenance Typical annual works; 2051 to 2115	Repointing and repairs to facing and copings	6 days	£4,380.00
	Maintenance of flood gates	2 days	£1,510.00
	Replacement of joint seals	4 days	£3,020.00
	Cleaning of steps	1/2 day	£440.00
Total annual maintenance & inspection costs			£9,350.00

Notes
1 Based on weekly labour costs of £1,500 per week per person plus additional allowance of £400 per week for a vehicle plus material costs where appropriate.

Knight, P D (Paul):
Note - proportional reduction from average of 1.1 to average of 0.96

Knight, P D (Paul):
Derived from use of Museum Car Park - loss of 41 spaces @ £1k per annum revenue. Plus £4.5k for compensation to businesses/fishermen.

Knight, P D (Paul):
Note proportional reduction in wall raising height and also 3% allowance for raising low spots to 1.1m

Knight, P D (Paul):
Note - reduction in cost proportional to reduction in wall height.

Option 3: Notes

1 in 200 Defence Standard

Initial Construction Height (mOD)

Defence Height to 2050	4.43
Coping	0.1
Freeboard	0.15
Construction height (OD)	4.68

Eskside Wharf Assessment

Build new 1.1m high flood wall to tie into high ground at Sub Station (4.7mOD).

To provide 1:50 Standard Of Protection to 2115

Install 2nr Flood Gates across entrances. 10m and 6m widths.

Intervention at 2051: to 1 in 50 up to 2115

Defence Height to 2115	4.7
Coping	0.1
Freeboard	0.15
Raise height by 270mm	4.95

Handrail Requirement Assessment

to 2050	Highest wall height at Seamens Hospital Gardens = 1.40
to 2050	Lowest wall height opposite 33 Church Street = 0.73
	<u>Handrails not required - raise wall low spots to min 1.1m</u>

2051 to 2115	Highest wall height at Seamens Hospital Gardens = 1.67
2051 to 2115	Lowest wall height opposite 33 Church Street = 1.0
	<u>Handrails not required - raise wall low spots to min 1.1m</u>

Car Park Assessment

to 2050	No flood wall required	
2051 to 2115	Replace brick walls with new (average) 1.18m high walls (above GL)	1.18
	Build new 1.1m high flood wall d/s of Fleece Inn (above GL)	1.1
	Raise plinth area at slipway	
	Install non-return valves	
	Install 1.1m high flood gate	
	Raise pontoon access and modify ramp	

Eskside Wharf Assessment

to 2050	Walls required in 2014 to provide 1:200 SOP (to tie in to high ground @4.70mOD).
2051 to 2115	Possible IPP required for Abraham's Quay and other properties. Costs not included in assessment.

Knight, P D (Paul):
Costs for brick cladding and exposed aggregate finish.

Knight, P D (Paul):
£2.5k allowance for artistic enhancements to Penny Hedge flood gate.

Option 3: Cost Breakdown

Knight, P D (Paul):
Assumed that no ES is required.

2013: - Investigation, Design , Consultation & Planning

Site Investigation @ 7% of construction cost	£62,012.77
Design Fees @ 12.5% of construction cost	£110,737.09
SBC Costs @ 2.0% of construction cost	£17,717.93
ECI Contractor Costs	£5,000.00
Consultation, Permits & Licences (inc Planning Application and Environmental Reporting)	£3,500.00
Total 2013 Costs	£198,967.80

2014: - Construction Phase

Removal of handrails	£2,500.00
Construction of min 1.1m high wall from Fleece Inn to Eskside Wharf	£262,312.56
Fleece Inn works	£4,803.50
Modifications to pontoon access ramp in car park.	£2,240.00
Gardens Miscellaneous	£21,182.50
Gardens to Eskside Miscellaneous	£88,500.00
1.1m high wall from Eskside Wharf to Substation (100m)	£189,672.25
Environmental Mitigation	£41,187.80
Environmental Enhancements	£2,500.00
Construction costs	£614,898.62
Uplift of 1.16 from SPONS 2009 Q1 prices to 2012 Q3	£713,282.40
Prelims @ 15% of construction cost	£106,992.36
Profit @ 8% of construction cost	£65,621.98
Total Construction Costs	£885,896.74
Supervision @ 7% of construction cost	£62,012.77
SBC Costs @ 2.5% of construction cost	£22,147.42
ECC PM Costs @ 4.0% of construction cost	£35,435.87
Compensation	£25,000.00
Total 2014 Costs	£1,030,492.80

2051: - First Intervention

Design Fees @ 10% of construction cost	£50,585.24
SBC Costs @ 2% of construction cost	£10,117.05
Replacement of flood gates	£107,500.00
Raising of walls by 270mm (to a minimum of 1.1m)	£30,518.64
Construction of 1.18m high flood wall in car park & misc works	£138,781.18
Construction of 1.1m high flood wall d/s of Fleece Inn	£43,767.52
Raise wall at Fleece Inn	£4,803.50
Car Park Flood Gate & NRV's & Misc	£25,740.00
Construction Costs	£351,110.84
Uplift of 1.16 from SPONS 2009 Q1 prices to 2012 Q3	£407,288.57
Prelims @ 15% of construction cost	£61,093.29
Profit @ 8% of construction cost	£37,470.55
Total Construction Costs	£505,852.41
Supervision @ 7% of construction cost	£35,409.67
SBC Costs @ 2.5% of construction cost	£12,646.31
ECC PM Costs @ 4.0% of construction cost	£20,234.10
Total 2051 Costs	£634,844.77

Option 3: Maintenance & Annual Inspection Costs

Inspection	2 persons @ 4hrs each twice per year @ £50 per hr & Expenses & mileage	£450.00
Maintenance 2014 to 2051	Typical annual works;	
	Repointing and repairs to facing and copings	4 days £3,020.00
	Maintenance of flood gates	1 day £830.00
	Replacement of joint seals	2 days £1,660.00
	Cleaning of steps	1/2 day £440.00
Total annual maintenance & inspection costs		£5,950.00
Maintenance 2051 to 2115	Typical annual works;	
	Repointing and repairs to facing and copings	6 days £4,380.00
	Maintenance of flood gates	2 days £1,510.00
	Replacement of joint seals	4 days £3,020.00
	Cleaning of steps	1/2 day £440.00
Total annual maintenance & inspection costs		£9,350.00

Notes

1 Based on weekly labour costs of £1,500 per week per person plus additional allowance of £400 per week for a vehicle plus material costs where appropriate.

Knight, P D (Paul):
Note: 5% increase in costs to allow for min wall height of 1.1, but increasing to 1.4 at low spots.

Knight, P D (Paul):
Derived from use of Museum Car Park - loss of 41 spaces @ £1k per annum revenue. Plus £4.5k for compensation to businesses/fishermen.

Knight, P D (Paul):
Note proportional reduction in wall raising height and also 3% allowance for raising low spots to 1.1m

Knight, P D (Paul):
Note - reduction in cost proportional to reduction in wall height.

Option 4: Notes

1.1m High Consistent Wall Height

Initial Construction Height

Wall Height to 2050	0.85
Coping	0.1
Freeboard	0.15
Construction height (above GL)	1.1

Intervention at 2051

Defence Height to 2115	1.15
Coping	0.1
Freeboard	0.15
Raise height by 300mm	1.4

Handrail Requirement Assessment

Handrails not required

Car Park Assessment

to 2050	No flood wall required	
2051 to 2115	Wall required; Replace brick walls with new (average) 1.18m high walls (above GL) Build new 1.1m high flood wall d/s of Fleece Inn Raise plinth area at slipway Install non-return valves Install 1.1m high flood gate Raise pontoon access and modify ramp	1.18

Eskside Wharf Assessment

to 2050	No flood wall required	
2051 to 2115	Build new 1.1m high flood wall to tie into high ground at Sub Station (4.7mOD). To provide 1:50 Standard Of Protection to 2115 Install 2nr Flood Gates across entrances. 10m and 6m widths.	

Knight, P D (Paul):
Costs for brick cladding and exposed aggregate finish.

Knight, P D (Paul):
£2.5k allowance for artistic enhancements to Penny Hedge flood gate.11

Knight, P D (Paul):
Assumed that no ES is required.

Option 4: Cost Breakdown

2013: - Investigation, Design , Consultation & Planning

Site Investigation @ 7% of construction cost	£41,426.72
Design Fees @ 12.5% of construction cost	£73,976.28
SBC Costs @ 2.0% of construction cost	£11,836.21
ECI Contractor Costs	£4,000.00
Consultation, Permits & Licences (inc Planning Application and Environmental Reporting)	£3,500.00
Total 2013 Costs	£134,739.21

2014: - Construction Phase

Removal of handrails	£2,500.00
Construction of 1.1m high wall from Fleece Inn to Eskside Wharf	£249,821.49
Fleece Inn works	£4,803.50
Modifications to pontoon access ramp in car park.	£2,240.00
Gardens Miscellaneous	£21,182.50
Gardens to Eskside Miscellaneous	£88,500.00
Environmental Mitigation	£39,226.48
Environmental Enhancements	£2,500.00
Construction costs	£410,773.97
Uplift of 1.16 from SPONS 2009 Q1 prices to 2012 Q3	£476,497.81
Prelims @ 15% of construction cost	£71,474.67
Profit @ 8% of construction cost	£43,837.80
Total Construction Costs	£591,810.28
Supervision @ 7% of construction cost	£41,426.72
SBC Costs @ 2.5% of construction cost	£14,795.26
ECC PM Costs @ 4.0 % of construction cost	£23,672.41
Compensation	£25,000.00
Total 2014 Costs	£696,704.66

2051: - First Intervention

Design Fees @ 10% of construction cost	£64,360.62
SBC Costs @ 2% of construction cost	£12,872.12
Replacement of flood gates	£27,500.00
Raising of walls by 300mm	£16,460.97
Construction of 1.18m high flood wall in car park & misc works	£138,781.18
Construction of 1.1m high flood wall d/s of Fleece Inn	£43,767.52
Raise wall at Fleece Inn	£4,803.50
Car Park Flood Gate & NRV's & Misc	£25,740.00
1.1m high wall from Eskside Wharf to Substation (100m)	£189,672.25
Construction Costs	£446,725.42
Uplift of 1.16 from SPONS 2009 Q1 prices to 2012 Q3	£518,201.48
Prelims @ 15% of construction cost	£77,730.22
Profit @ 8% of construction cost	£47,674.54
Total Construction Costs	£643,606.24
Supervision @ 7% of construction cost	£45,052.44
SBC Costs @ 2.5% of construction cost	£16,090.16
ECC PM Costs @ 4.0 % of construction cost	£25,744.25
Total 2051 Costs	£807,725.83

Option 4: Maintenance & Annual Inspection Costs

Inspection	2 persons @ 4hrs each twice per year @ £50 per hr & Expenses & mileage	£450.00
Maintenance Typical annual works; 2014 to 2051	Repointing and repairs to facing and copings 2 days Maintenance of flood gates 1/2 day Replacement of joint seals 1 day Cleaning of steps 1/2 day	£1,660.00 £490.00 £980.00 £440.00
Total annual maintenance & inspection costs		£3,570.00
Maintenance Typical annual works; 2051 to 2115	Repointing and repairs to facing and copings 6 days Maintenance of flood gates 2 days Replacement of joint seals 4 days Cleaning of steps 1/2 day	£4,380.00 £1,510.00 £3,020.00 £440.00
Total annual maintenance & inspection costs		£9,350.00

Notes
1 Based on weekly labour costs of £1,500 per week per person plus additional allowance of £400 per week for a vehicle plus material costs where appropriate.

Knight, P D (Paul):
Derived from use of Museum Car Park - loss of 41 spaces @ £1k per annum revenue. Plus £4.5k for compensation to businesses/fishermen.

Knight, P D (Paul):
Note: cost reduced by 50% to take account of the need to only raise the low spots to 4.95mOD. i.e. only 50% of the wall length will require raising.

Discounting Calculations of Costs

Year	Discount %	Discount Factor	Option 1: 50yr SoP				Option 2: 100yr SoP				Option 3: 200yr SoP				Option 4: Consistent Wall Height			
			Capital	Maintenance	Other	PV	Capital	Maintenance	Other	PV	Capital	Maintenance	Other	PV	Capital	Maintenance	Other	PV
2012	0	3.5	1			£0.00												
2013	1	3.5	0.966		£120,466.99	£116,393.23		£131,862.23	£127,403.12		£198,967.80	£192,239.42		£134,739.21	£130,182.81			
2014	2	3.5	0.934	£621,360.65		£580,046.81	£681,516.89		£636,203.31	£1,030,492.80		£961,976.05	£896,704.66					
2015	3	3.5	0.902		£5,880.00	£5,303.42	£5,880.00	£5,303.42	£5,400.00	£5,772.43	£4,020.00	£3,625.81						
2016	4	3.5	0.871		£5,880.00	£5,124.08	£5,880.00	£5,124.08	£5,400.00	£5,577.23	£4,020.00	£3,503.20						
2017	5	3.5	0.842		£5,880.00	£4,950.80	£5,880.00	£4,950.80	£5,400.00	£5,388.63	£4,020.00	£3,384.73						
2018	6	3.5	0.814		£5,880.00	£4,783.38	£5,880.00	£4,783.38	£5,400.00	£5,206.40	£4,020.00	£3,270.27						
2019	7	3.5	0.786		£5,880.00	£4,621.63	£5,880.00	£4,621.63	£5,400.00	£5,030.34	£4,020.00	£3,150.68						
2020	8	3.5	0.759		£5,880.00	£4,465.34	£5,880.00	£4,465.34	£5,400.00	£4,860.23	£4,020.00	£3,052.83						
2021	9	3.5	0.734		£5,880.00	£4,314.34	£5,880.00	£4,314.34	£5,400.00	£4,695.86	£4,020.00	£2,949.60						
2022	10	3.5	0.709		£5,880.00	£4,168.44	£5,880.00	£4,168.44	£5,400.00	£4,537.08	£4,020.00	£2,849.85						
2023	11	3.5	0.685		£5,880.00	£4,027.48	£5,880.00	£4,027.48	£5,400.00	£4,383.65	£4,020.00	£2,753.48						
2024	12	3.5	0.662		£5,880.00	£3,891.29	£5,880.00	£3,891.29	£5,400.00	£4,235.41	£4,020.00	£2,660.37						
2025	13	3.5	0.639		£5,880.00	£3,759.70	£5,880.00	£3,759.70	£5,400.00	£4,092.19	£4,020.00	£2,570.40						
2026	14	3.5	0.618		£5,880.00	£3,632.56	£5,880.00	£3,632.56	£5,400.00	£3,953.80	£4,020.00	£2,483.48						
2027	15	3.5	0.597		£5,880.00	£3,509.72	£5,880.00	£3,509.72	£5,400.00	£3,820.10	£4,020.00	£2,399.50						
2028	16	3.5	0.577		£5,880.00	£3,391.03	£5,880.00	£3,391.03	£5,400.00	£3,690.92	£4,020.00	£2,318.36						
2029	17	3.5	0.557		£5,880.00	£3,276.36	£5,880.00	£3,276.36	£5,400.00	£3,566.10	£4,020.00	£2,239.96						
2030	18	3.5	0.538		£5,880.00	£3,165.56	£5,880.00	£3,165.56	£5,400.00	£3,445.51	£4,020.00	£2,164.21						
2031	19	3.5	0.520		£5,880.00	£3,058.52	£5,880.00	£3,058.52	£5,400.00	£3,329.00	£4,020.00	£2,091.03						
2032	20	3.5	0.503		£5,880.00	£2,955.09	£5,880.00	£2,955.09	£5,400.00	£3,216.42	£4,020.00	£2,020.31						
2033	21	3.5	0.486		£5,880.00	£2,855.16	£5,880.00	£2,855.16	£5,400.00	£3,107.65	£4,020.00	£1,952.00						
2034	22	3.5	0.469		£5,880.00	£2,758.61	£5,880.00	£2,758.61	£5,400.00	£2,992.56	£4,020.00	£1,885.99						
2035	23	3.5	0.453		£5,880.00	£2,665.32	£5,880.00	£2,665.32	£5,400.00	£2,901.03	£4,020.00	£1,822.21						
2036	24	3.5	0.438		£5,880.00	£2,575.19	£5,880.00	£2,575.19	£5,400.00	£2,802.93	£4,020.00	£1,760.59						
2037	25	3.5	0.423		£5,880.00	£2,488.10	£5,880.00	£2,488.10	£5,400.00	£2,708.14	£4,020.00	£1,701.95						
2038	26	3.5	0.409		£5,880.00	£2,403.97	£5,880.00	£2,403.97	£5,400.00	£2,615.56	£4,020.00	£1,645.53						
2039	27	3.5	0.395		£5,880.00	£2,322.67	£5,880.00	£2,322.67	£5,400.00	£2,526.08	£4,020.00	£1,591.75						
2040	28	3.5	0.382		£5,880.00	£2,244.13	£5,880.00	£2,244.13	£5,400.00	£2,442.59	£4,020.00	£1,539.25						
2041	29	3.5	0.369		£5,880.00	£2,168.24	£5,880.00	£2,168.24	£5,400.00	£2,359.99	£4,020.00	£1,487.37						
2042	30	3.5	0.356		£5,880.00	£2,094.92	£5,880.00	£2,094.92	£5,400.00	£2,280.18	£4,020.00	£1,432.24						
2043	31	3	0.346		£5,880.00	£2,033.90	£5,880.00	£2,033.90	£5,400.00	£2,213.77	£4,020.00	£1,390.52						
2044	32	3	0.336		£5,880.00	£1,974.66	£5,880.00	£1,974.66	£5,400.00	£2,149.29	£4,020.00	£1,350.02						
2045	33	3	0.326		£5,880.00	£1,917.15	£5,880.00	£1,917.15	£5,400.00	£2,086.69	£4,020.00	£1,310.70						
2046	34	3	0.317		£5,880.00	£1,861.31	£5,880.00	£1,861.31	£5,400.00	£2,025.91	£4,020.00	£1,272.53						
2047	35	3	0.307		£5,880.00	£1,807.09	£5,880.00	£1,807.09	£5,400.00	£1,966.90	£4,020.00	£1,235.46						
2048	36	3	0.298		£5,880.00	£1,754.46	£5,880.00	£1,754.46	£5,400.00	£1,909.62	£4,020.00	£1,199.46						
2049	37	3	0.290		£5,880.00	£1,703.36	£5,880.00	£1,703.36	£5,400.00	£1,854.00	£4,020.00	£1,164.54						
2050	38	3	0.281		£5,880.00	£1,653.75	£5,880.00	£1,653.75	£5,400.00	£1,800.00	£4,020.00	£1,130.62						
2051	39	3	0.273	£803,776.44	£84,980.77	£244,287.61	£777,899.98	£82,244.93	£236,474.80	£574,142.48	£80,702.29	£175,096.54	£730,493.08	£77,232.75	£221,853.48	£1,089,059.97	£115,142.90	£332,006.22
2052	40	3	0.265		£9,800.00	£2,598.03	£9,800.00	£2,598.03	£9,800.00	£2,598.03	£9,800.00	£2,598.03						
2053	41	3	0.257		£9,800.00	£2,522.35	£9,800.00	£2,522.35	£9,800.00	£2,522.35	£9,800.00	£2,522.35						
2054	42	3	0.250		£9,800.00	£2,448.89	£9,800.00	£2,448.89	£9,800.00	£2,448.89	£9,800.00	£2,448.89						
2055	43	3	0.243		£9,800.00	£2,377.56	£9,800.00	£2,377.56	£9,800.00	£2,377.56	£9,800.00	£2,377.56						
2056	44	3	0.236		£9,800.00	£2,308.31	£9,800.00	£2,308.31	£9,800.00	£2,308.31	£9,800.00	£2,308.31						
2057	45	3	0.229		£9,800.00	£2,241.08	£9,800.00	£2,241.08	£9,800.00	£2,241.08	£9,800.00	£2,241.08						
2058	46	3	0.222		£9,800.00	£2,175.81	£9,800.00	£2,175.81	£9,800.00	£2,175.81	£9,800.00	£2,175.81						
2059	47	3	0.216		£9,800.00	£2,112.43	£9,800.00	£2,112.43	£9,800.00	£2,112.43	£9,800.00	£2,112.43						
2060	48	3	0.209		£9,800.00	£2,050.90	£9,800.00	£2,050.90	£9,800.00	£2,050.90	£9,800.00	£2,050.90						
2061	49	3	0.203		£9,800.00	£1,991.17	£9,800.00	£1,991.17	£9,800.00	£1,991.17	£9,800.00	£1,991.17						
2062	50	3	0.197		£9,800.00	£1,933.17	£9,800.00	£1,933.17	£9,800.00	£1,933.17	£9,800.00	£1,933.17						
2063	51	3	0.192		£9,800.00	£1,876.87	£9,800.00	£1,876.87	£9,800.00	£1,876.87	£9,800.00	£1,876.87						
2064	52	3	0.186		£9,800.00	£1,822.20	£9,800.00	£1,822.20	£9,800.00	£1,822.20	£9,800.00	£1,822.20						
2065	53	3	0.181		£9,800.00	£1,769.13	£9,800.00	£1,769.13	£9,800.00	£1,769.13	£9,800.00	£1,769.13						
2066	54	3	0.175		£9,800.00	£1,717.60	£9,800.00	£1,717.60	£9,800.00	£1,717.60	£9,800.00	£1,717.60						
2067	55	3	0.170		£9,800.00	£1,667.57	£9,800.00	£1,667.57	£9,800.00	£1,667.57	£9,800.00	£1,667.57						
2068	56	3	0.165		£9,800.00	£1,619.00	£9,800.00	£1,619.00	£9,800.00	£1,619.00	£9,800.00	£1,619.00						
2069	57	3	0.160		£9,800.00	£1,571.85	£9,800.00	£1,571.85	£9,800.00	£1,571.85	£9,800.00	£1,571.85						
2070	58	3	0.156		£9,800.00	£1,526.07	£9,800.00	£1,526.07	£9,800.00	£1,526.07	£9,800.00	£1,526.07						
2071	59	3	0.151		£9,800.00	£1,481.62	£9,800.00	£1,481.62	£9,800.00	£1,481.62	£9,800.00	£1,481.62						
2072	60	3	0.147		£9,800.00	£1,438.46	£9,800.00	£1,438.46	£9,800.00	£1,438.46	£9,800.00	£1,438.46						
2073	61	3	0.143		£9,800.00	£1,396.57	£9,800.00	£1,396.57	£9,800.00	£1,396.57	£9,800.00	£1,396.57						