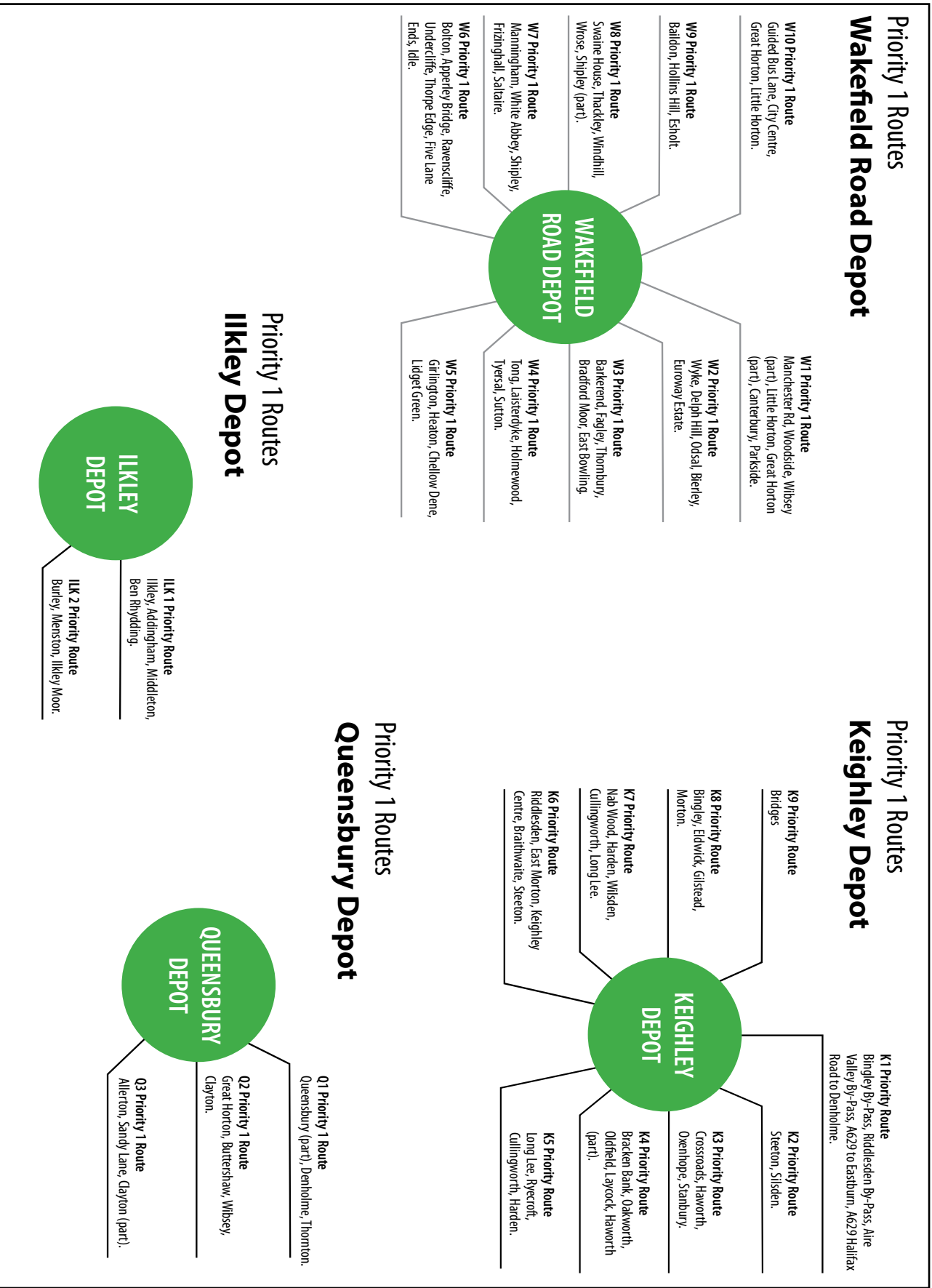


# Appendices



Gritting Tree - Operation of Depots and Routes



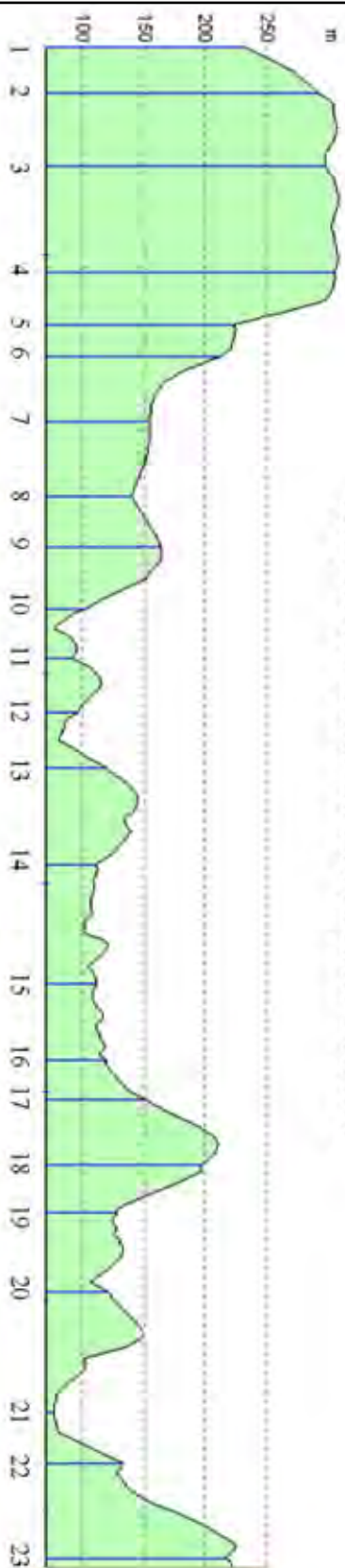
## Appendix 2

### Altitude of Settlements in the City of Bradford MDC

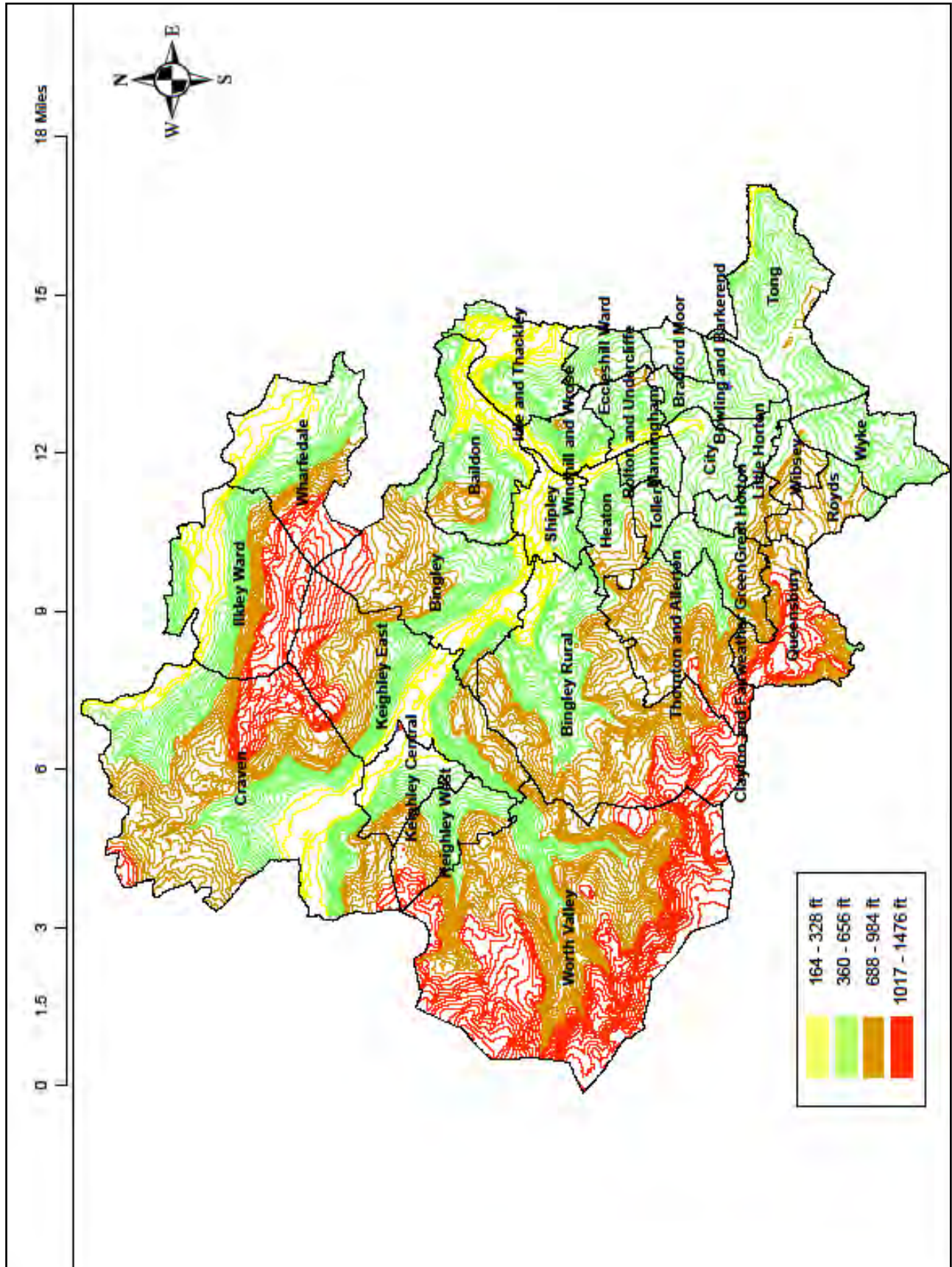
AREA / LOCATION	FEET ABOVE SEA LEVEL
Queensbury	1100
Buttershaw	867
Wibsey	810
Woodside	760
Odsal Top	696
Wyke	600
City Hall	325
St. Lukes	465
B.R.I	623
Toller Lane - Roundabout	601
Thornton Road , Girlington	428
Allerton	750
Sandy Lane - Traffic Lights	706
Haworth Road Y.W.A Treatment Plant	815
Lingbob, Wilsden	736
Crossroads, Cullingworth	654
Mini-roundabout Harden	460
Shipley	250
Bradford Road , Branch	350
Emm Lane	651
Moorhead Lane , Saltaire	490 - 623
Main Street , Bingley	266
Haworth	750
Bus Terminus , Eldwick	703
Village , Oxenhope	672
Stanbury	826
Lynfield Mount , Daisy Hill	776
Five Lane End	649
Wrose Road - Top	585
Eccleshill	690
Thackley Corner	426
Baildon Moor	800
Baildon Centre	525
Keighley	271
Oakworth	800
Denholme	984
Silsden	760
Thornbury	560
Dudley Hill	650
Ilkley Town Centre	311
Ilkley Moor	820

- |                   |                    |
|-------------------|--------------------|
| 1 Haworth         | 14 Bingley         |
| 2 Oxenhope        | 15 Keighley Centre |
| 3 Denholme        | 16 Steeton         |
| 4 Queensbury      | 17 Silsden         |
| 5 Clayton         | 18 Silsden Moor    |
| 6 Halifax Road    | 19 Addingham       |
| 7 Odsal           | 20 Ilkley          |
| 8 Bfd City Centre | 21 Burley          |
| 9 Undercliffe     | 22 Menston         |
| 10 Greengates     | 23 Ilkley Moor     |
| 11 Thackley       |                    |
| 12 Shipley        |                    |
| 13 Lower Baildon  |                    |

## Bradford District Elevation Profile







# Appendix 3

## Priority 1 Treatment Routes 2018/19

### Priority 1 Routes

#### Wakefield Road Depot

##### W1 Priority 1 Route

Manchester Rd, Woodside, Wibsey (part), Little Horton.

##### W2 Priority 1 Route

Listerhills, Girlington, White Abbey, Manningham, Heaton.

##### W3 Priority 1 Route

Laisterdyke, Bfd Moor, Undercliffe, Thorpe Edge, Thornbury, Fagley, Greengates.

##### W4 Priority 1 Route

Ring Road (part), East Bowling, Oakenshaw, Bankfoot, Low Moor, Wyke.

##### W5 Priority 1 Route

Ring Road (part), East Bowling, Oakenshaw, Bankfoot, Low Moor, Wyke.

##### W6 Priority 1 Route

Baildon Area.

##### W7 Priority 1 Route

Shipley, Saltaire, Thackley, Idle, Windhill, Apperley Bridge.

##### W8 Priority 1 Route

West Bowling, East Bowling, Barkerend, Kings Road, Swaine House, Manningham (part).

##### W9 Priority 1 Route

Bolton, Undercliffe, Thorpe Edge, Owllet.

##### W10 Priority 1 Route

A650, Nab Wood, Frizinghall, Heaton, Manningham.

##### W11 Priority 1 Route

Esholt, Bus Lane, City Centre.

#### Queensbury Depot

##### Q1 Priority 1 Route

A647, Great Horton, Moore Avenue, Canterbury, Buttershaw, Little Horton, Wibsey.

##### Q2 Priority 1 Route

A647, Queensbury (part), Clayton, Schoolmoor, Horton Bank Top, Allerton, Heaton, Girlington.

##### Q3 Priority 1 Route

A644 Queensbury, School Green, Clayton, Thornton.

##### Q4 Priority 1 Route

A644 Brighouse & Denholme Road, Queensbury, Thornton, Chellow Grange.

#### Keighley Depot

##### K1 Priority Route

Keighley Centre, Guard House, Holy Croft, Highfield, Long Lee.

##### K2 Priority Route

Steeton, Silsden.

##### K3 Priority Route

Oakworth (part), Steeton, Braithwaite, Laycock.

##### K4 Priority Route

Bingley, Riddlesden, Eldwick.

##### K5 Priority Route

Weak bridges.

##### K6 Priority Route

Aire Valley, A629, A650, Trunk Roads.

##### K7 Priority Route

Cullingworth, Harden, Cottingley, Wilsden, Denholme.

##### K8 Priority Route

Oxenhope, Haworth (part), Bracken Bank, Woodside.

##### K9 Priority Route

Oakworth, Haworth

#### Ilkley Depot

##### ILK 1 Priority Route

Ilkley, Addingham.

##### ILK 2 Priority Route

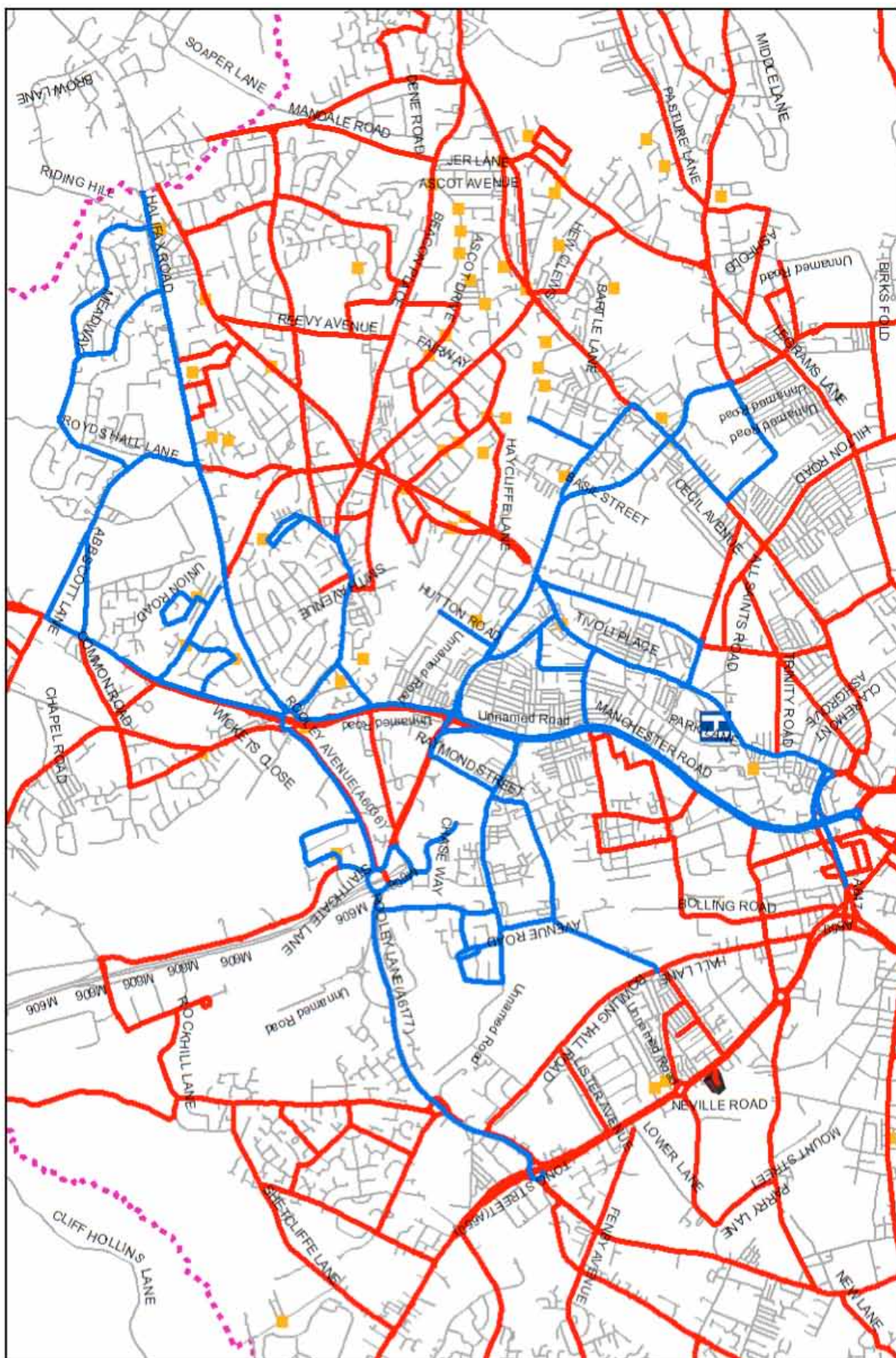
Burley, Menston.



Grit Bins



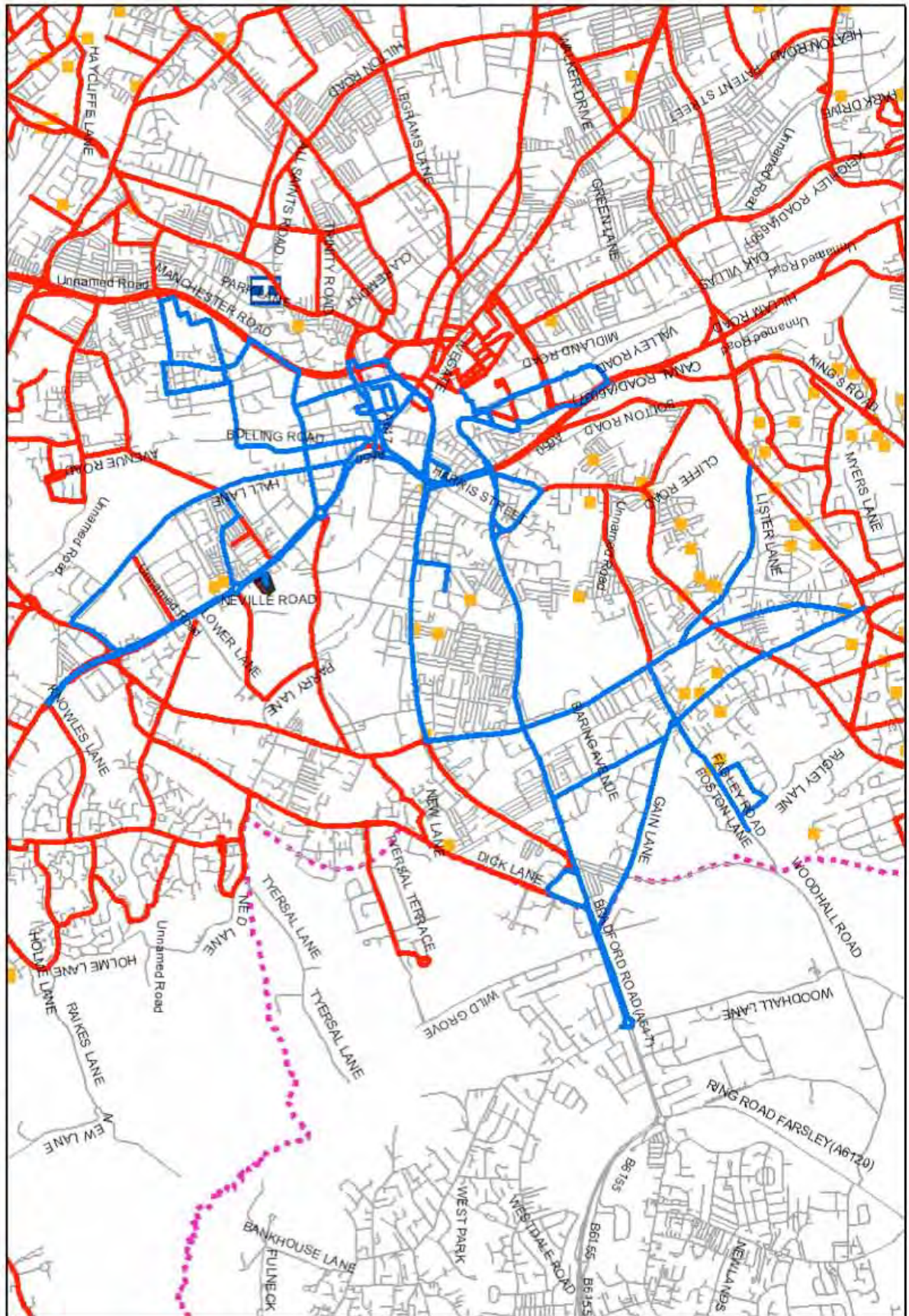
W1





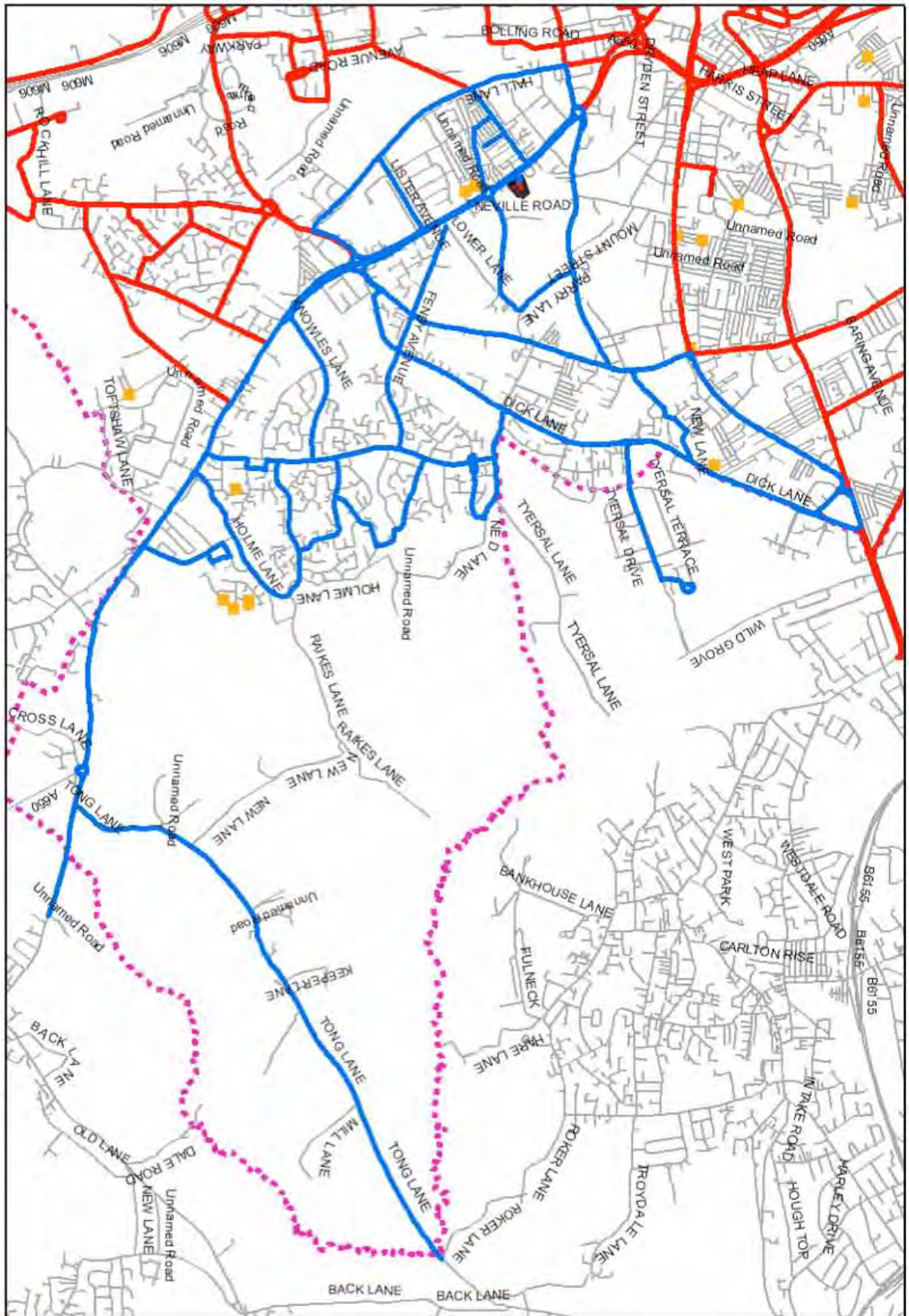






W3  
Grit Bins





W4  
Grit Bins





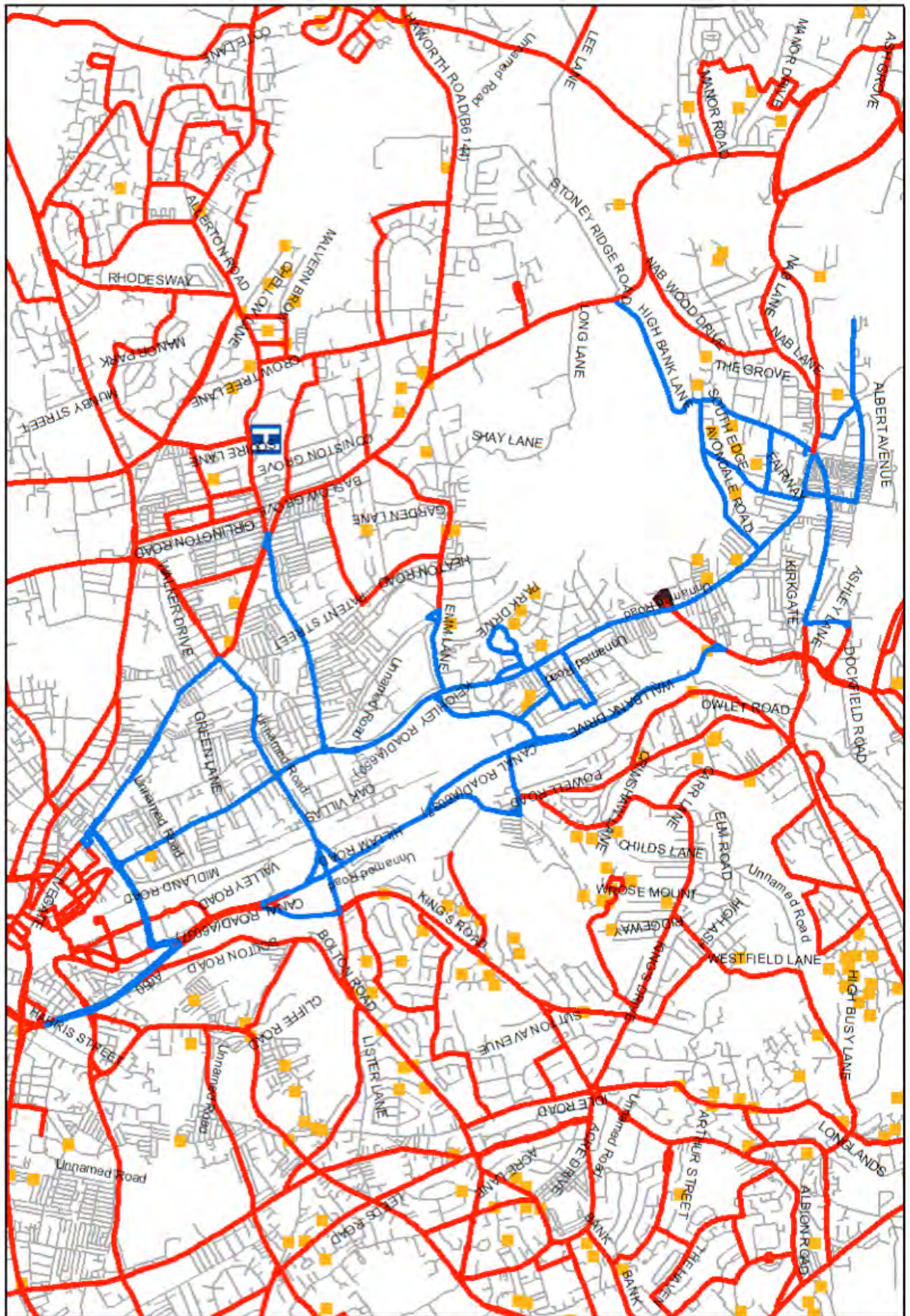






Grit Bins

W7











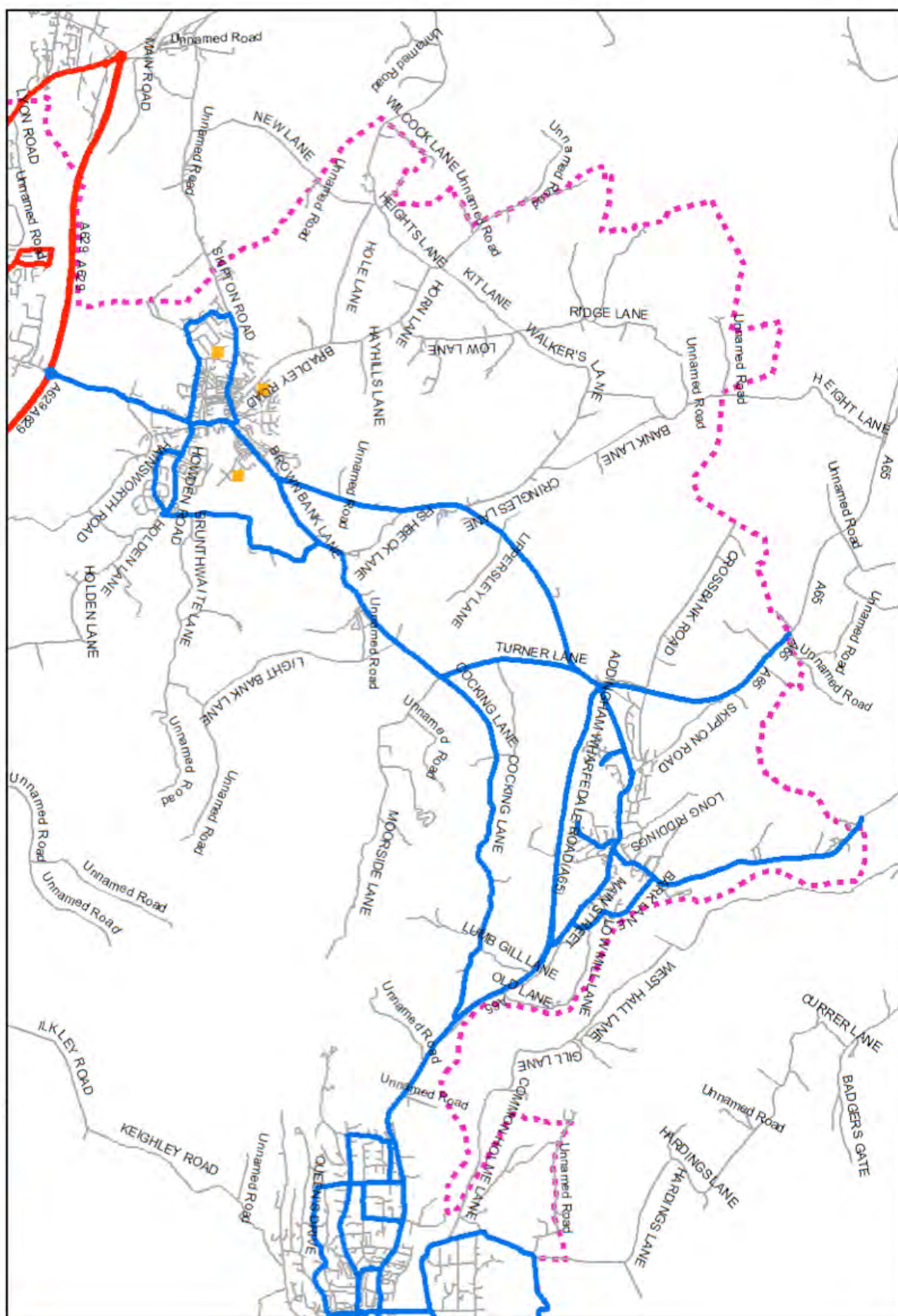






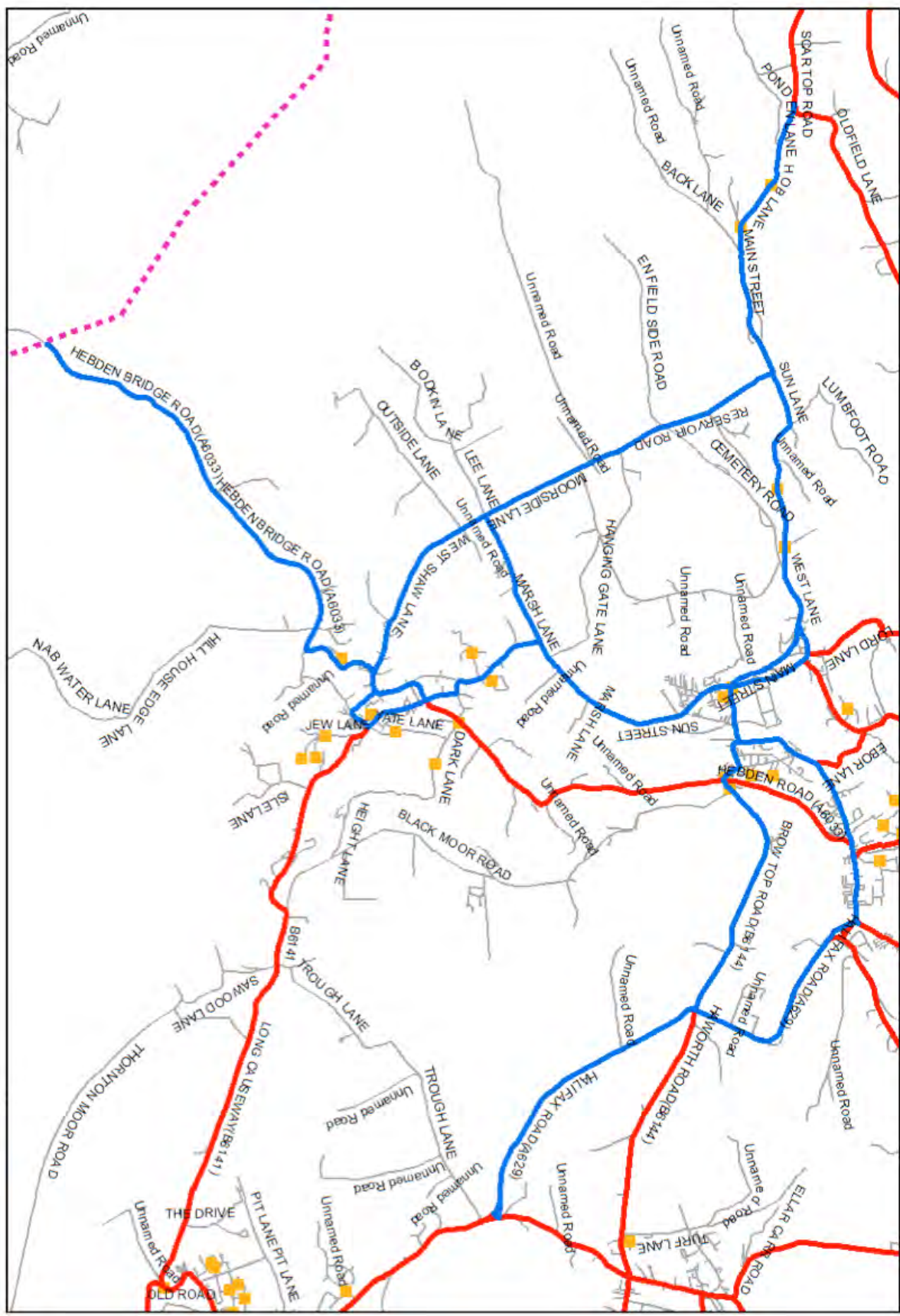






K3

Grit Bins





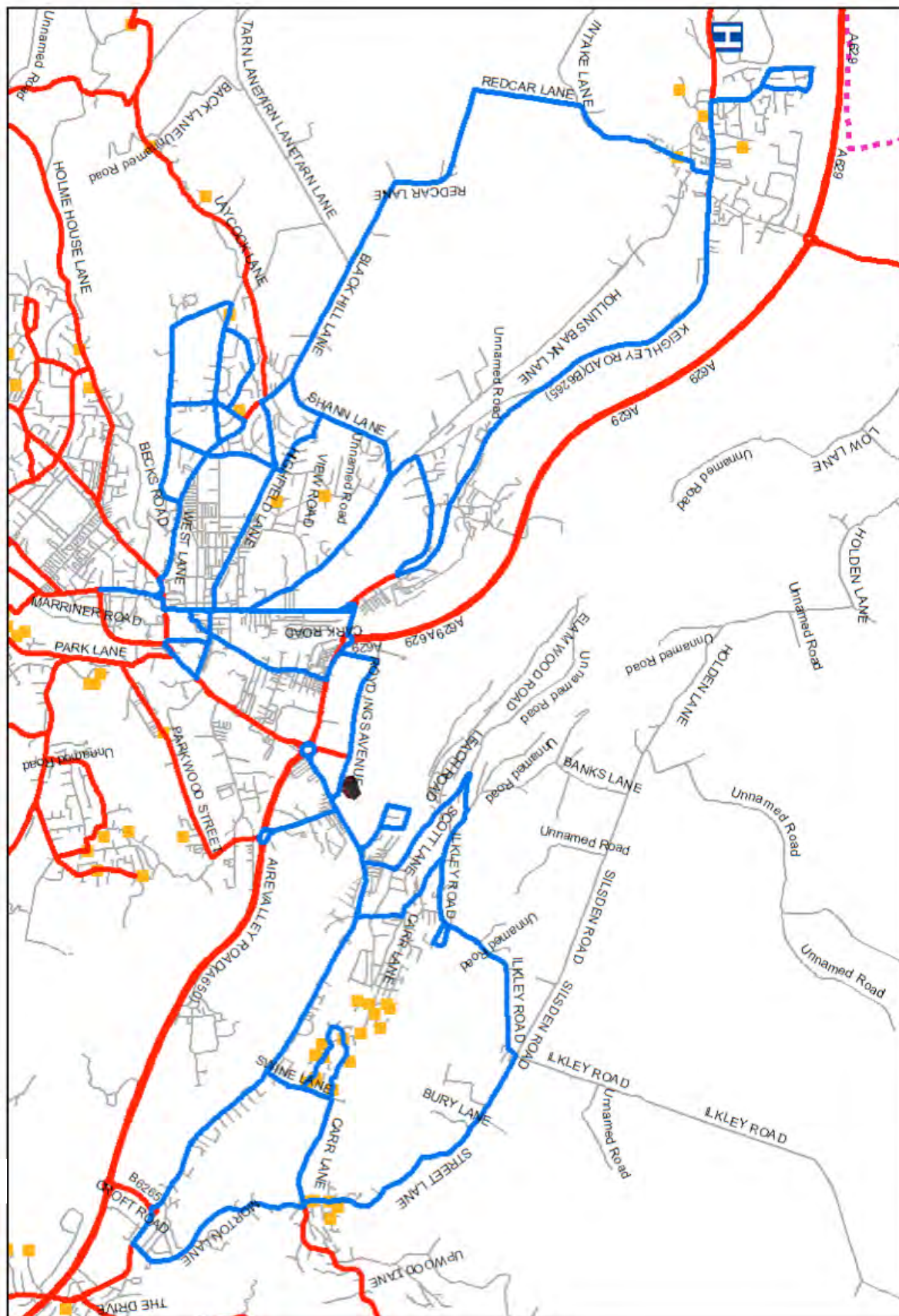








K6  
Grit Bins





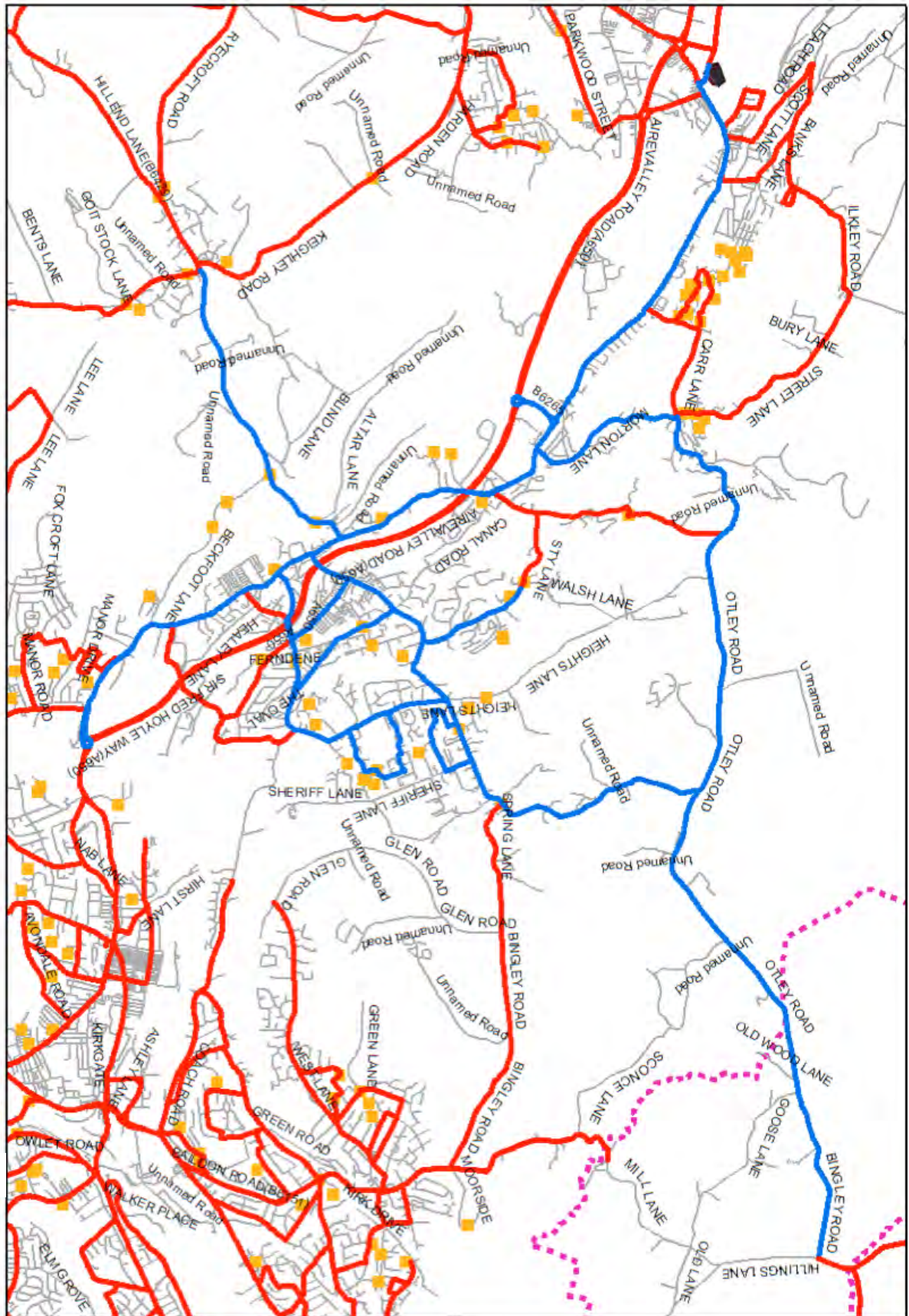




Grit Bins



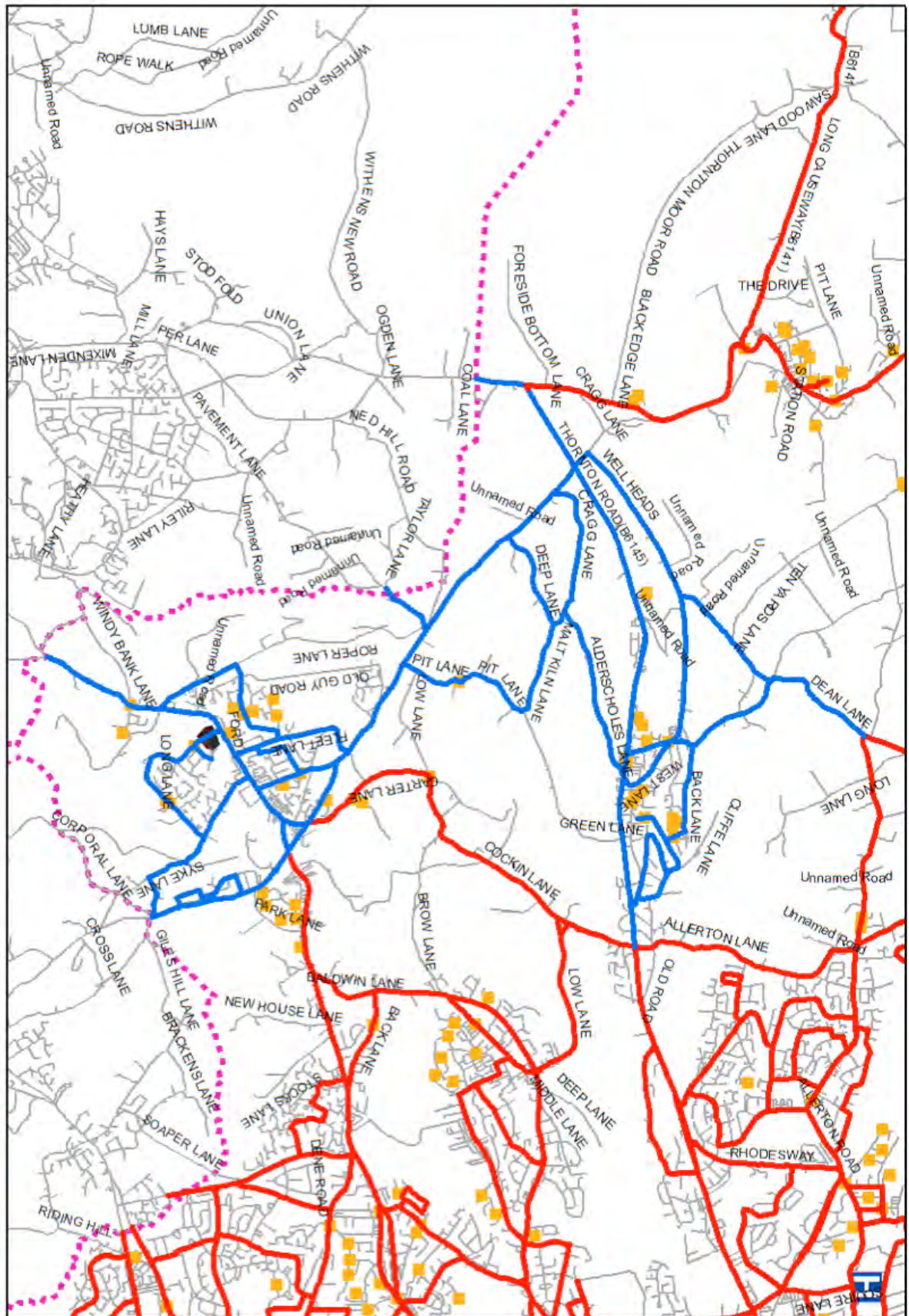
K8











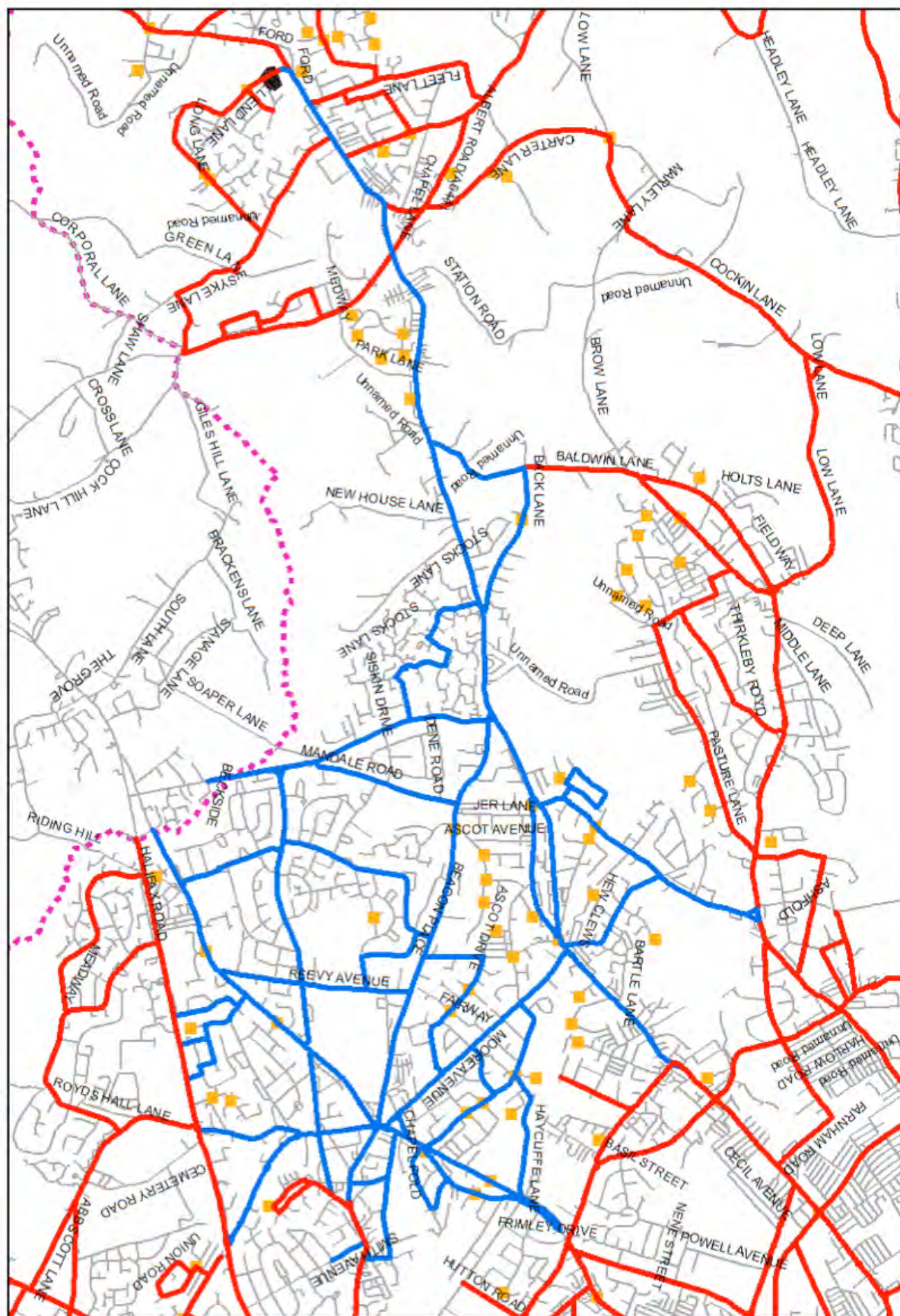
Q1  
Grit Bins



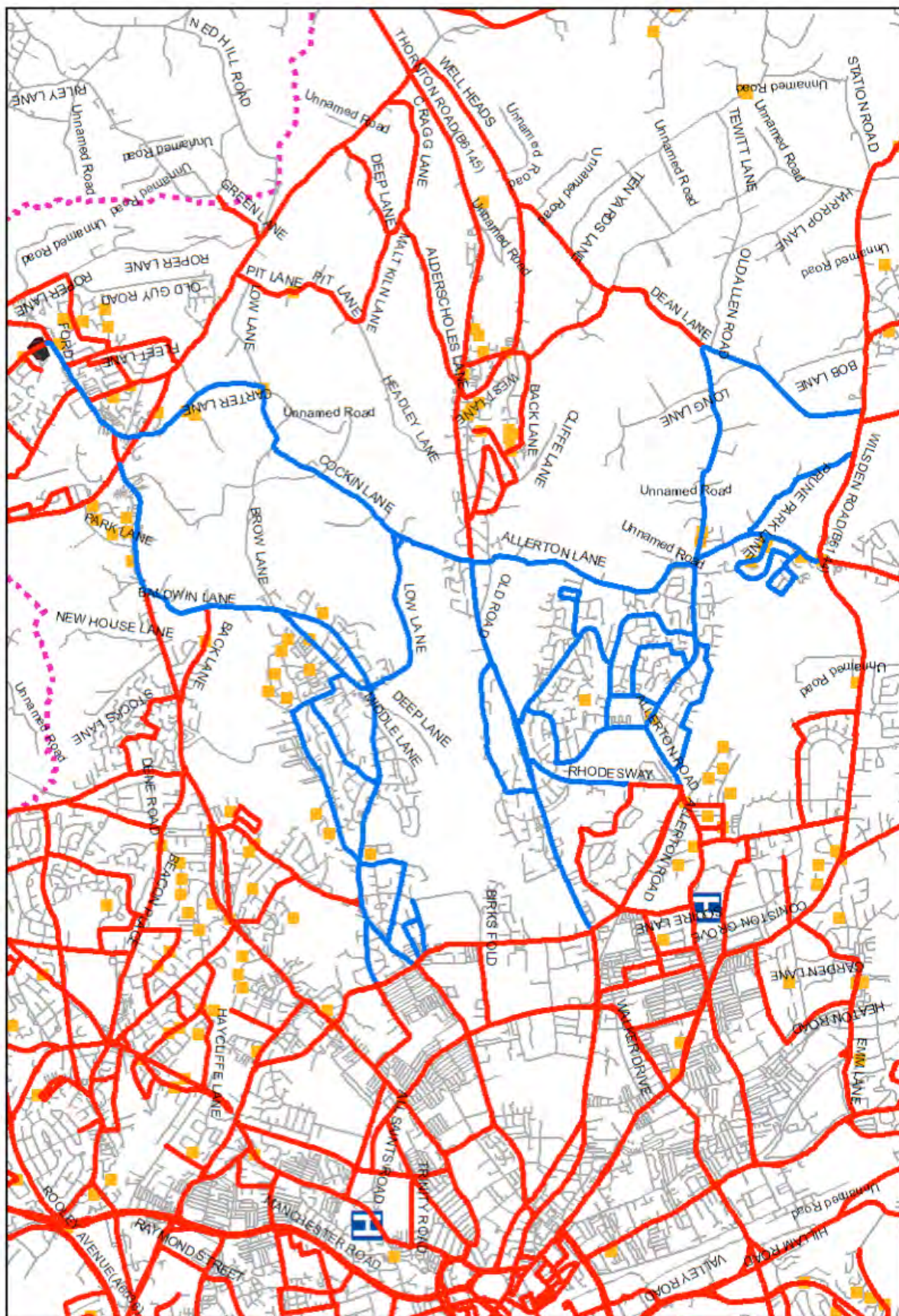
Grit Bins



Q2







Grit Bins

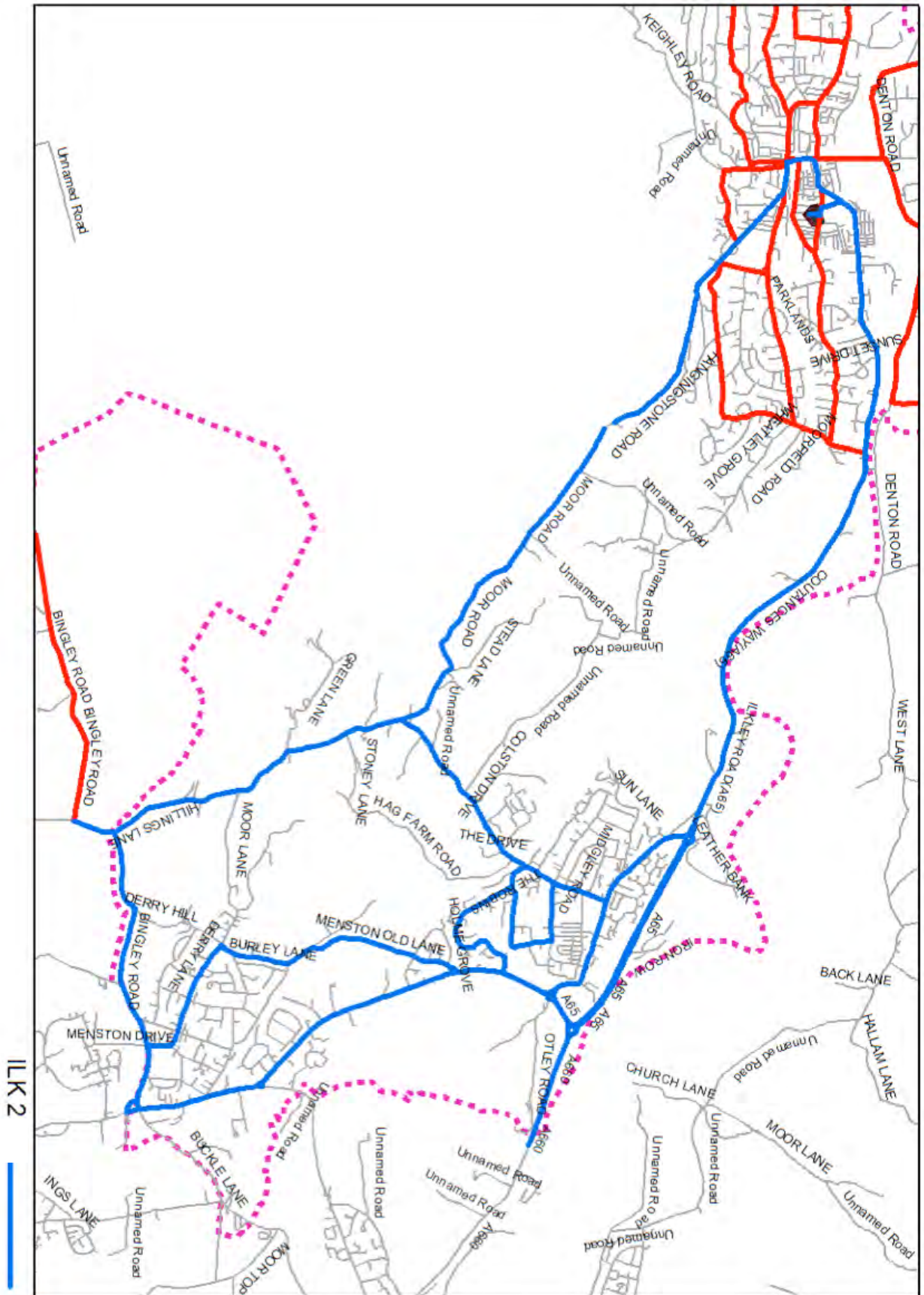


Q3









Grit Bins



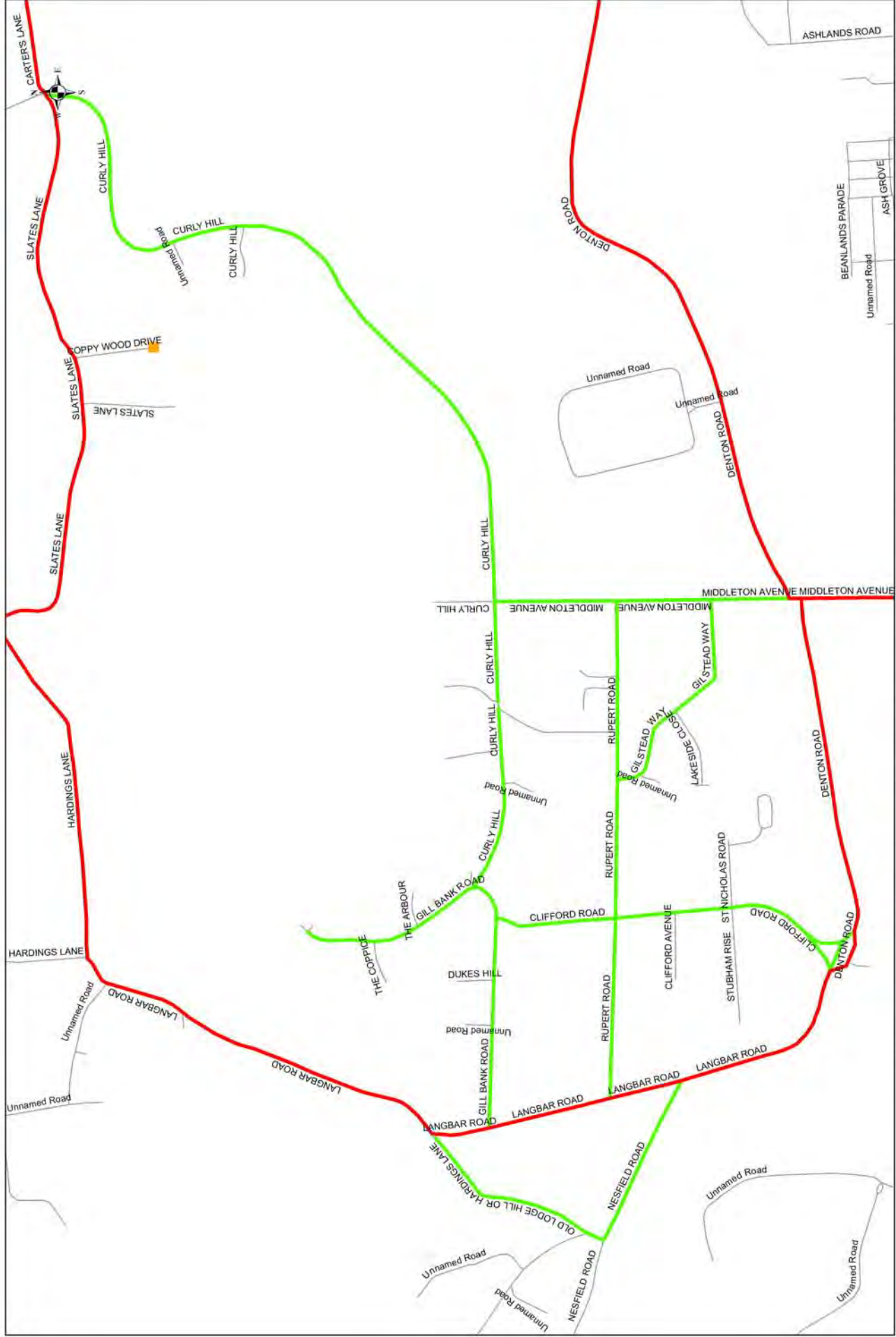
ILK 2





## Appendix 4

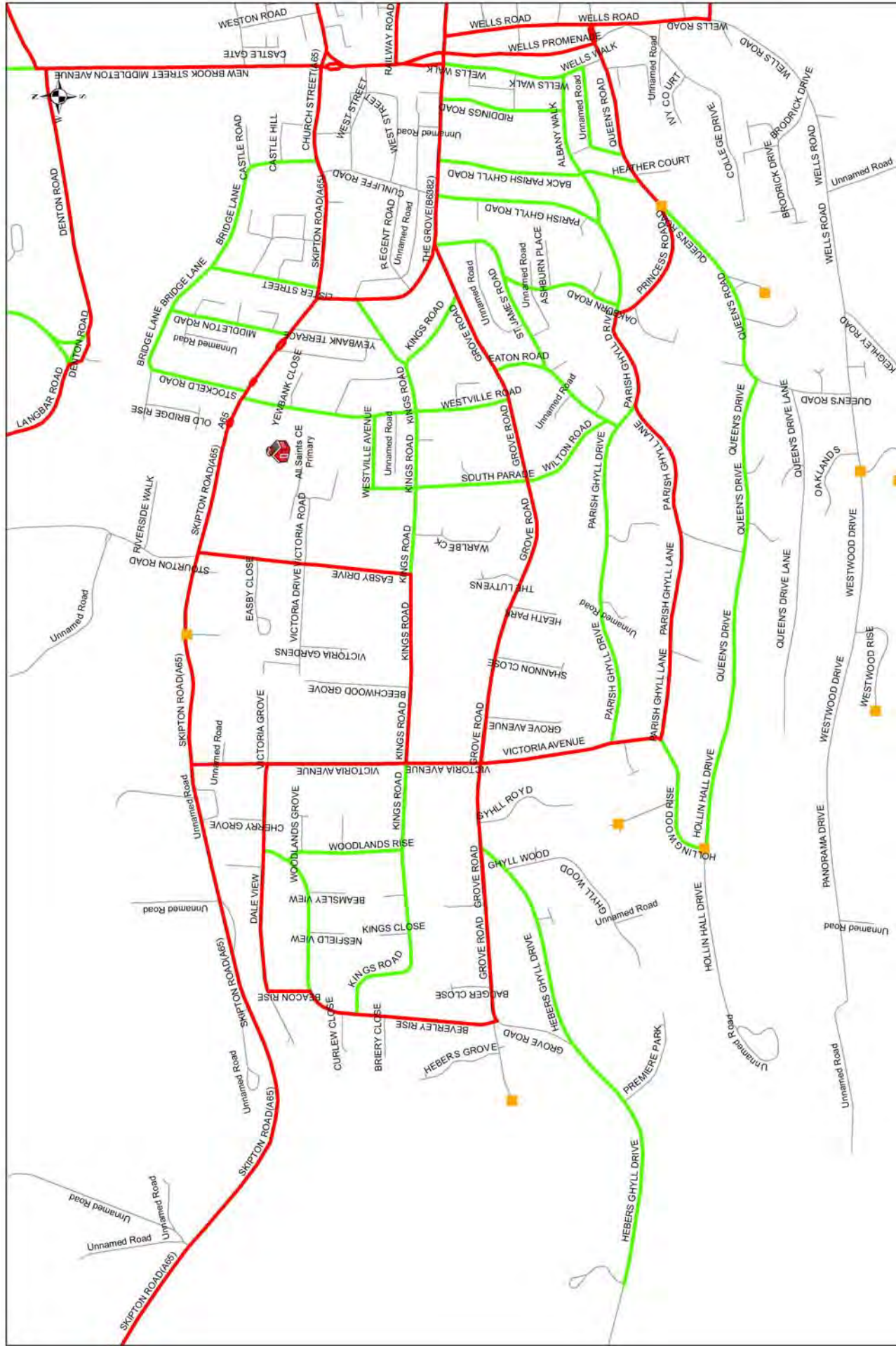
### **Priority 2 Treatment Routes 2018/19**



Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 ILK1 ILKLEY 1

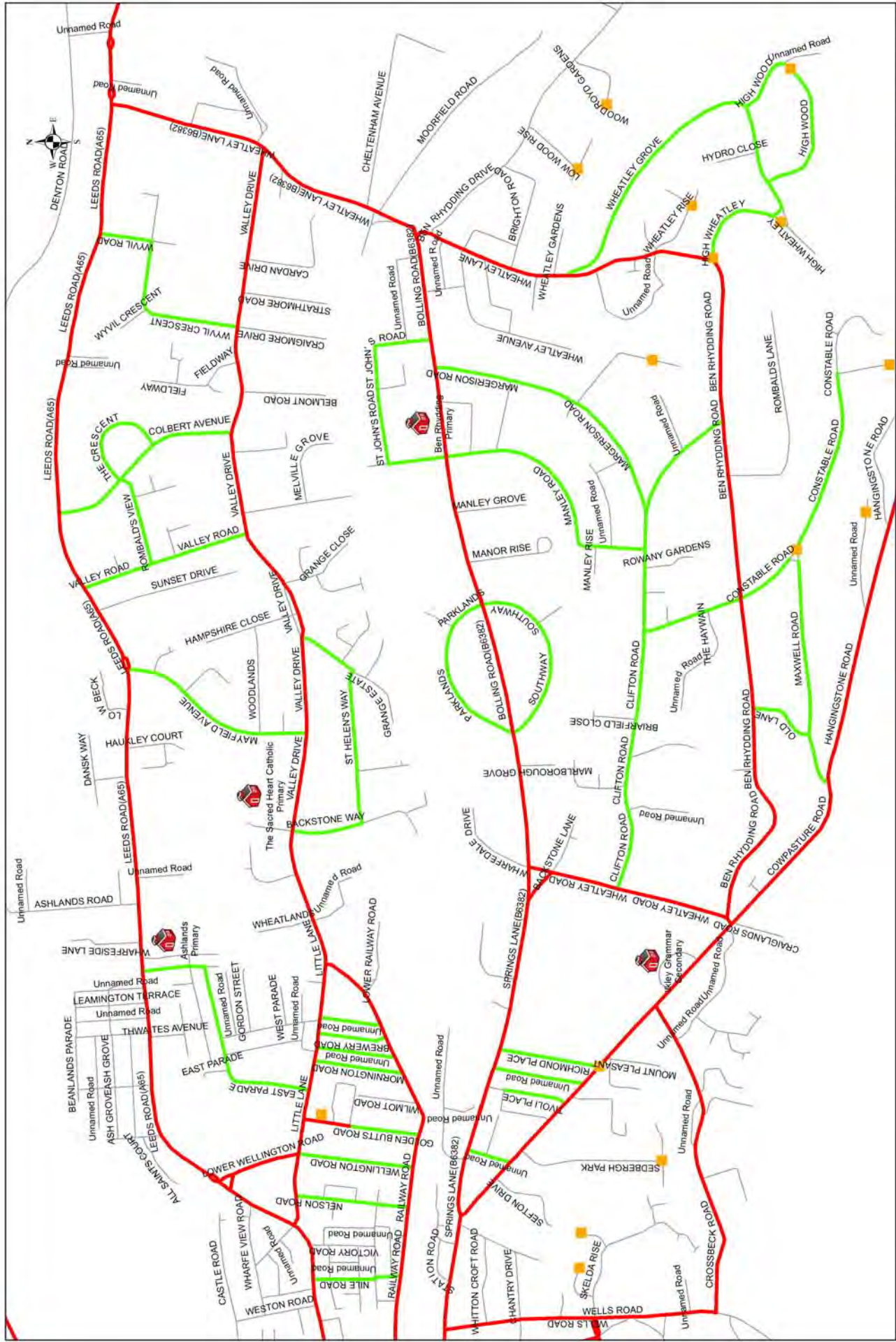




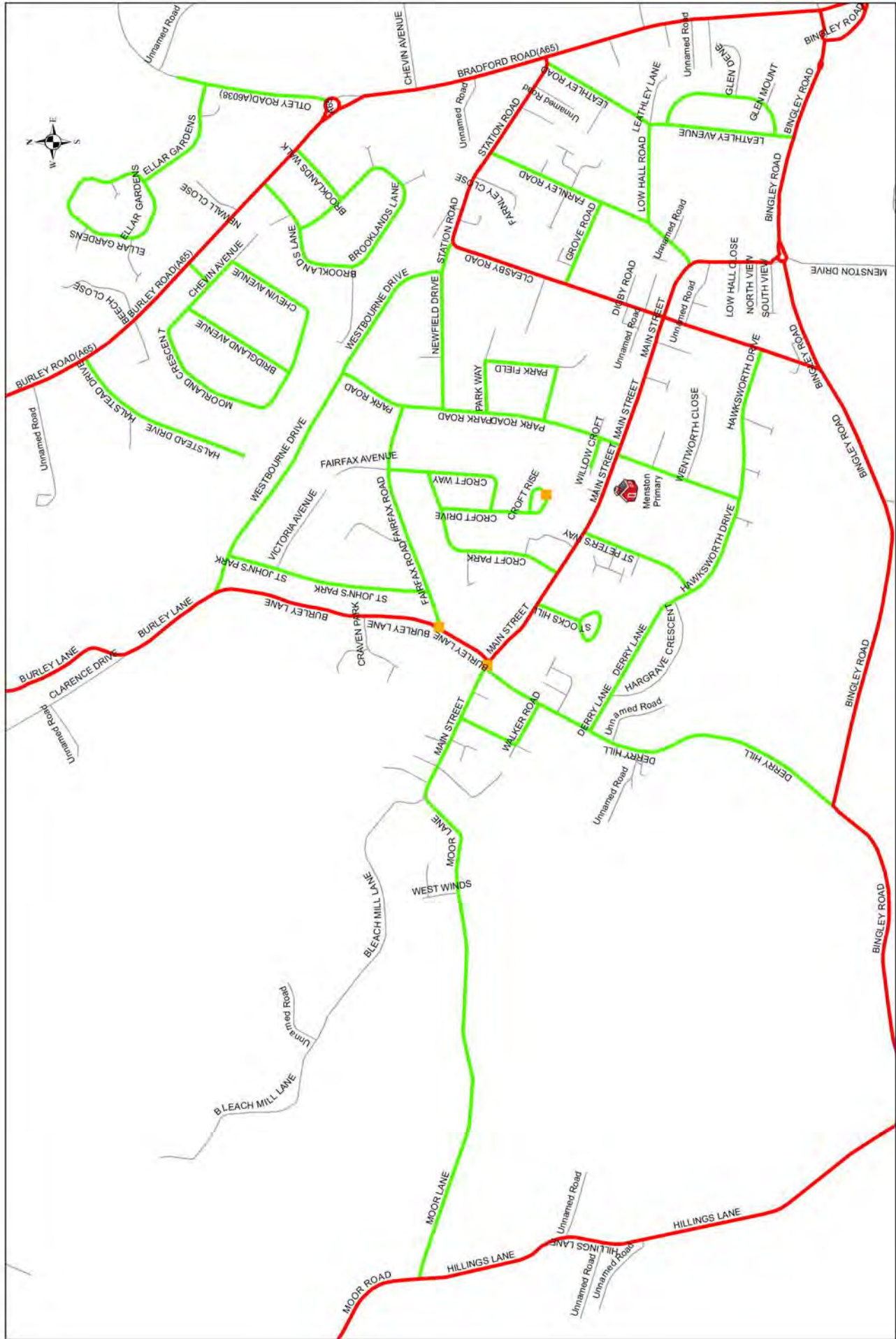
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P2 ILK1 ILKLEY 2

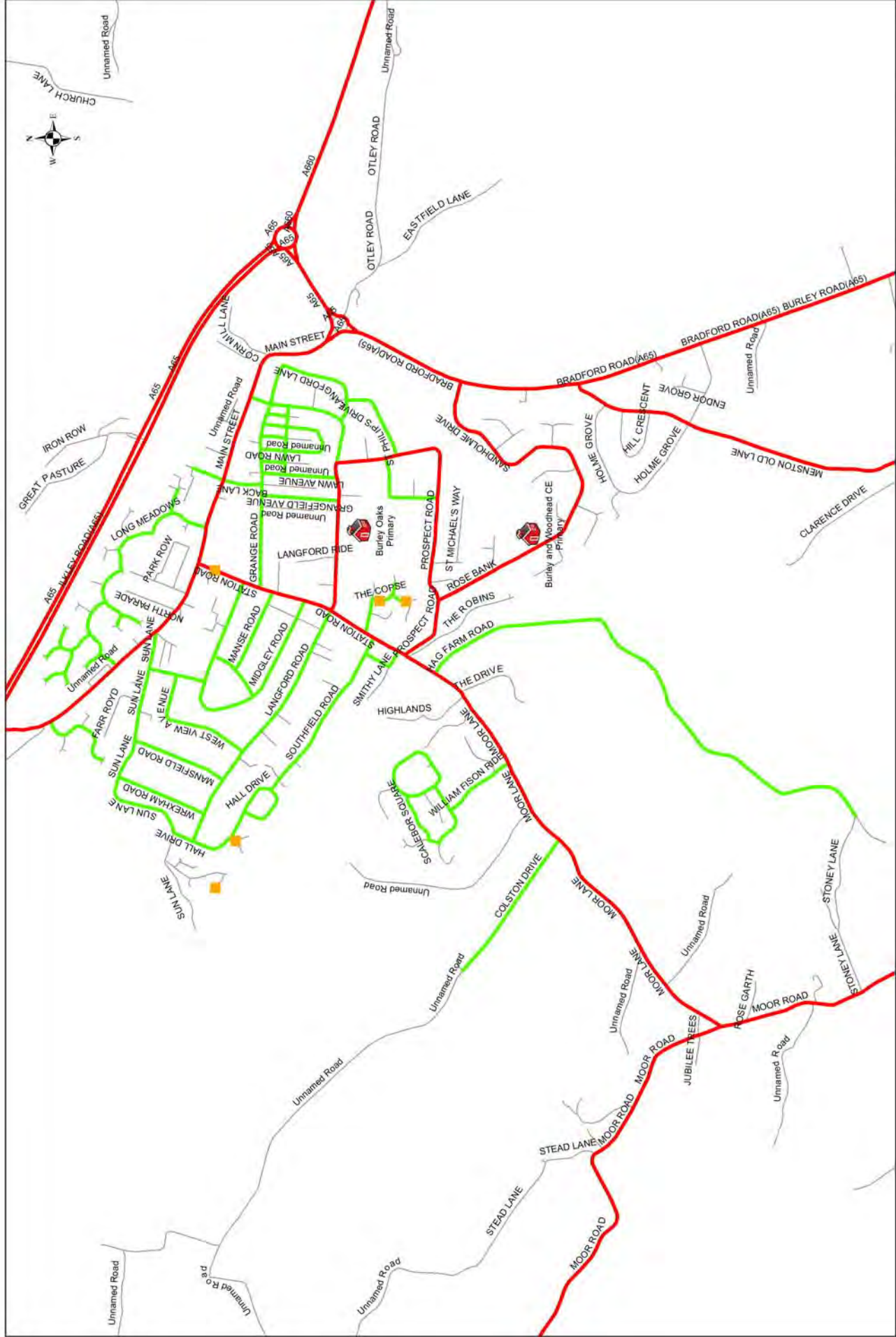








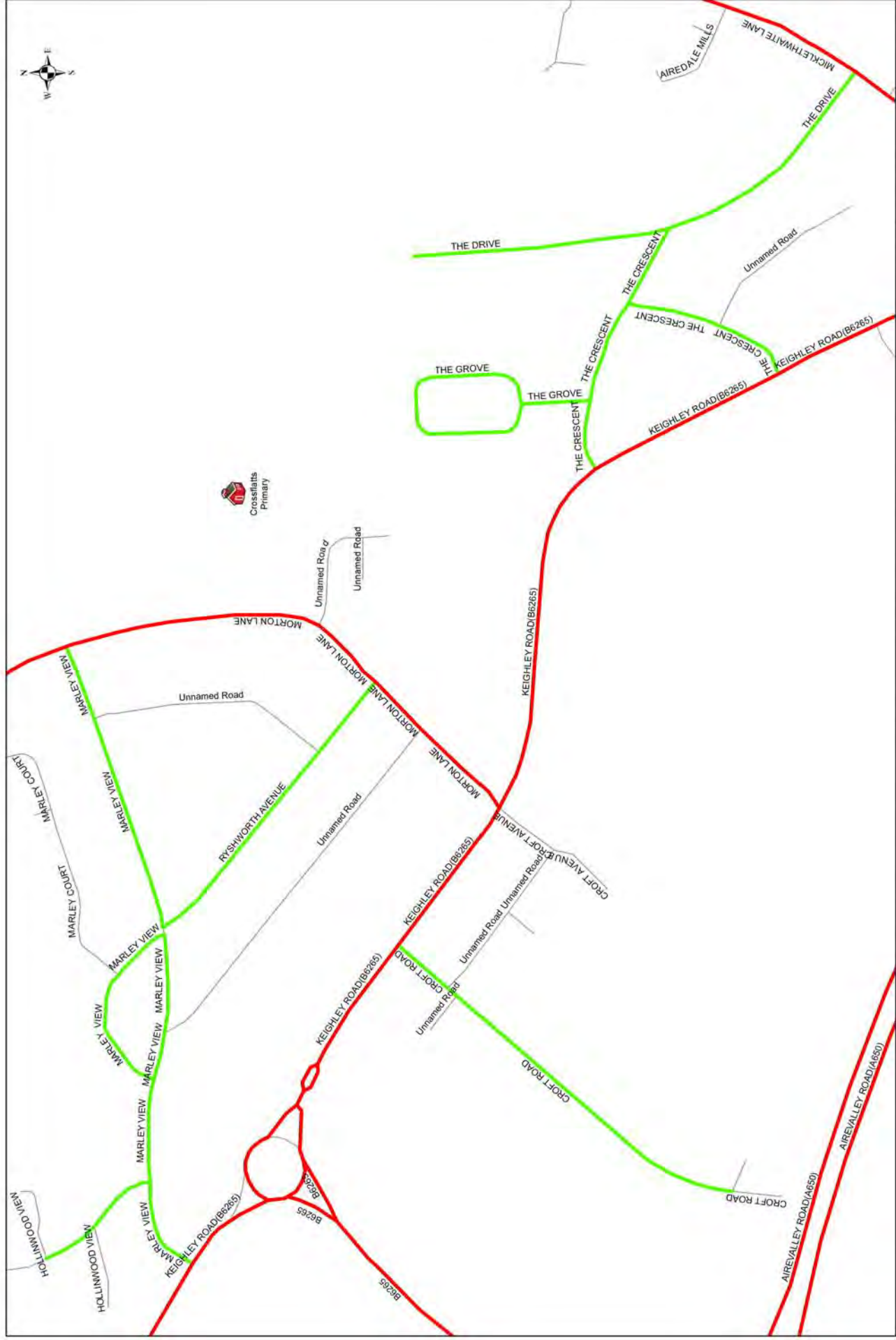
P2 ILK2 Menston





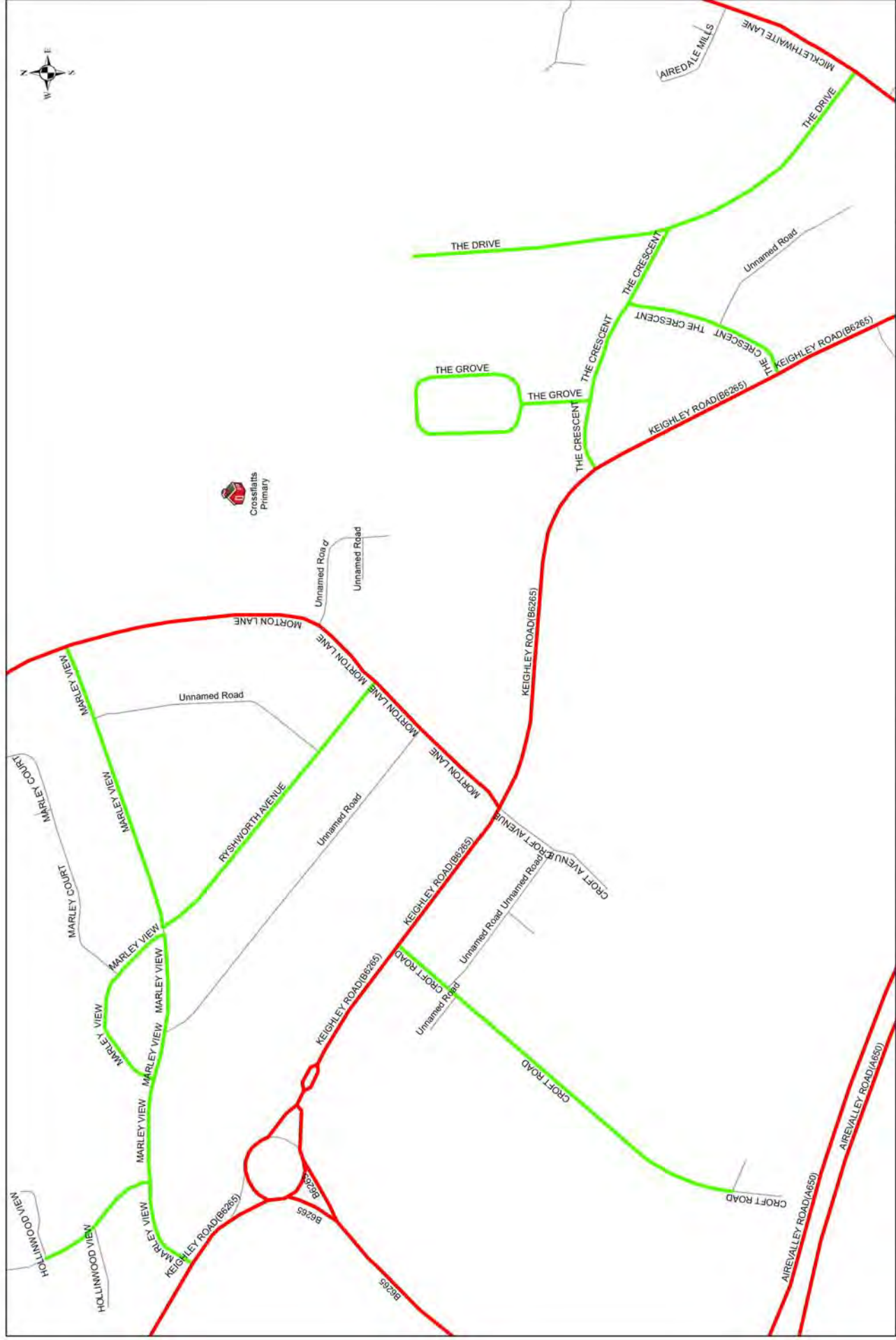


Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY Morton

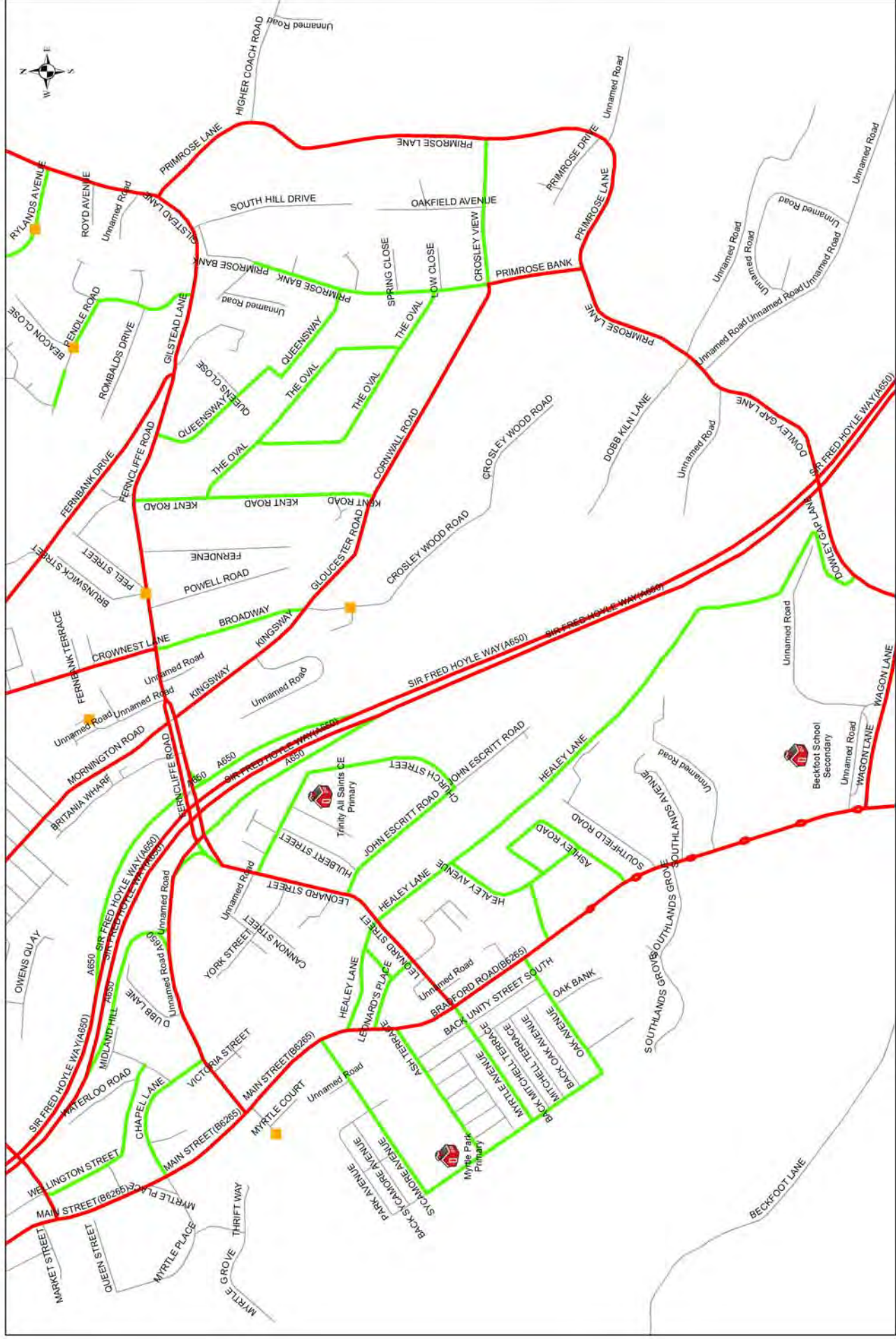


Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY Crossflats



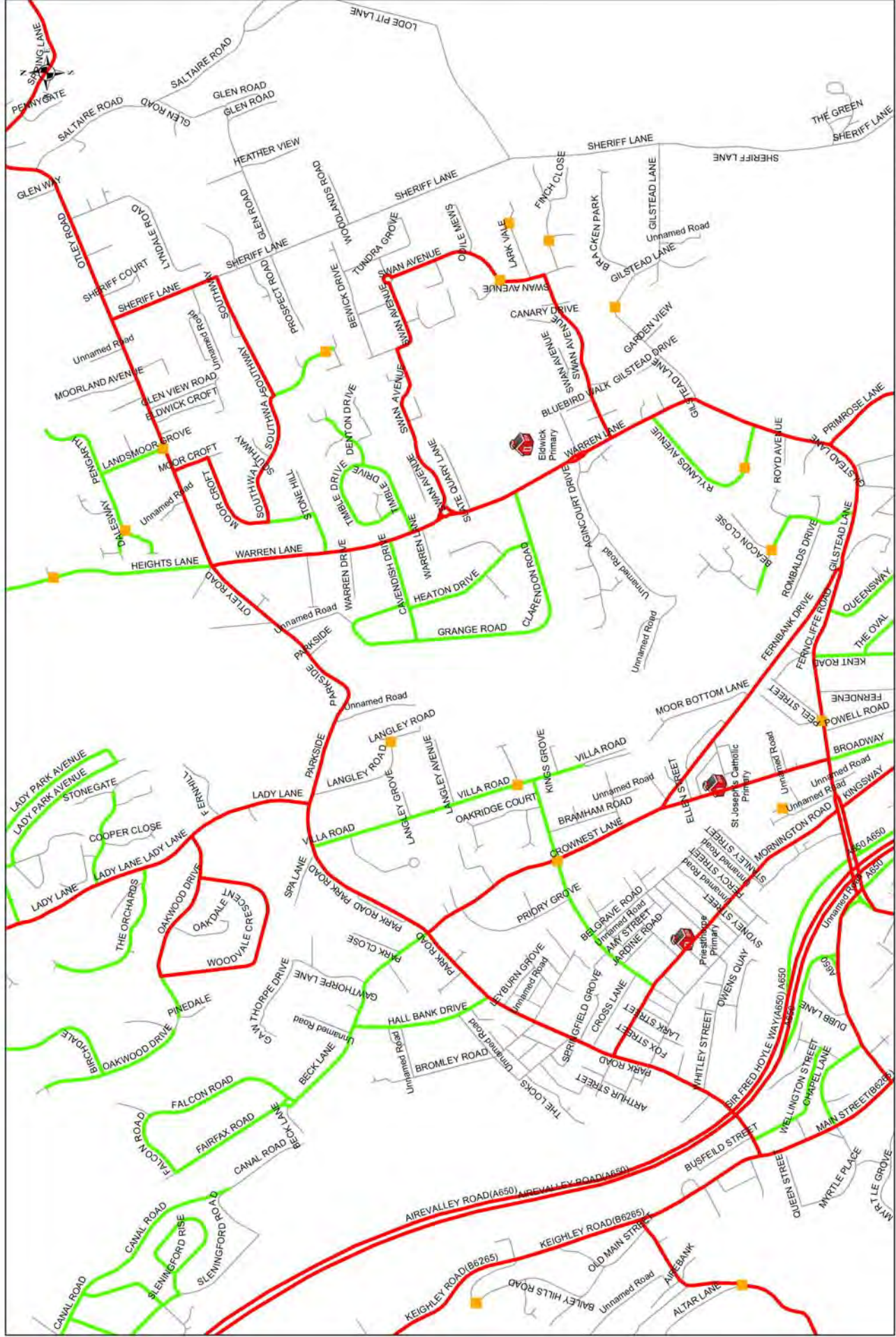


Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY Crossflats



Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY Bingley 1

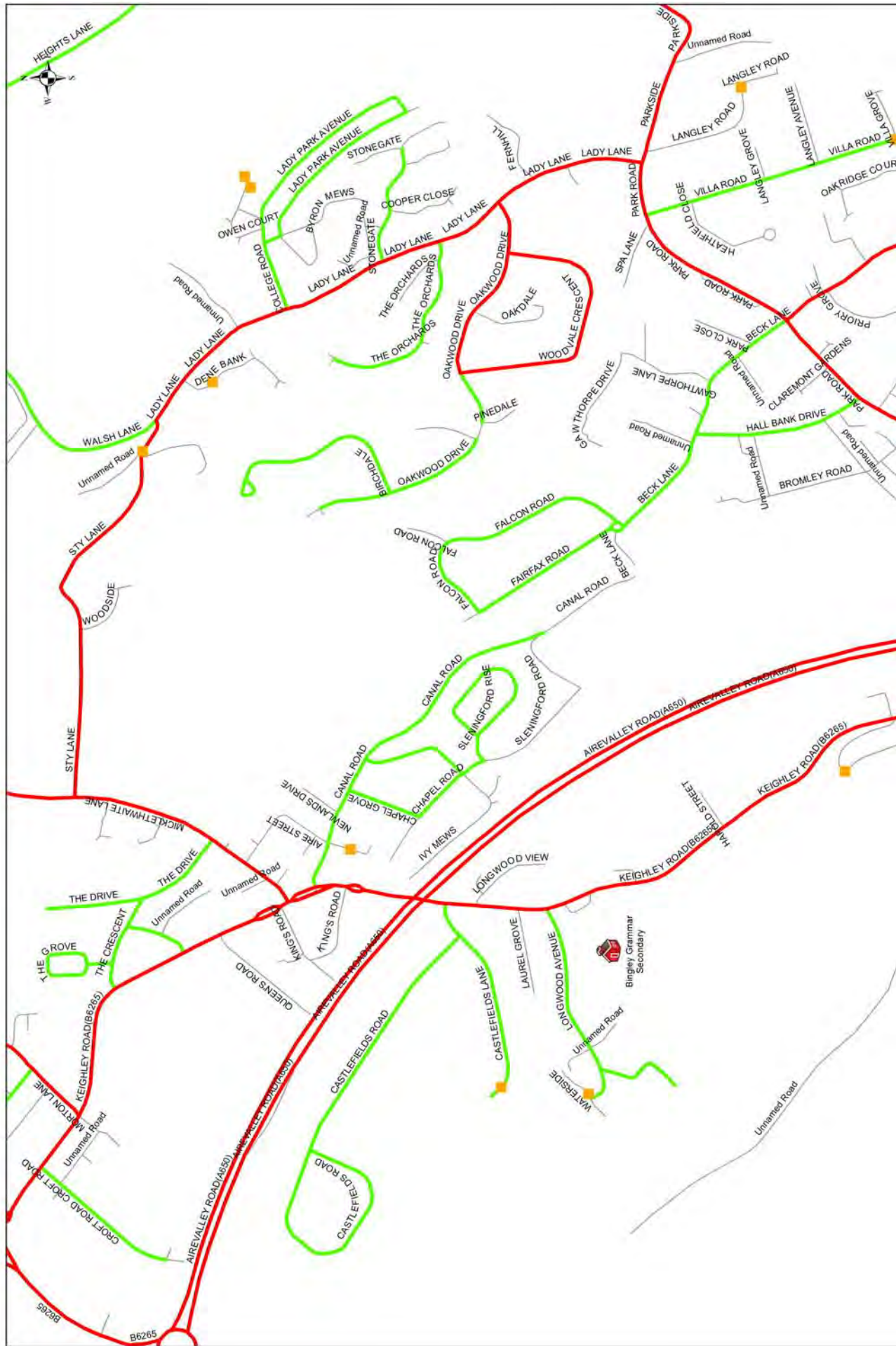




Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 KLEY Bingley 2





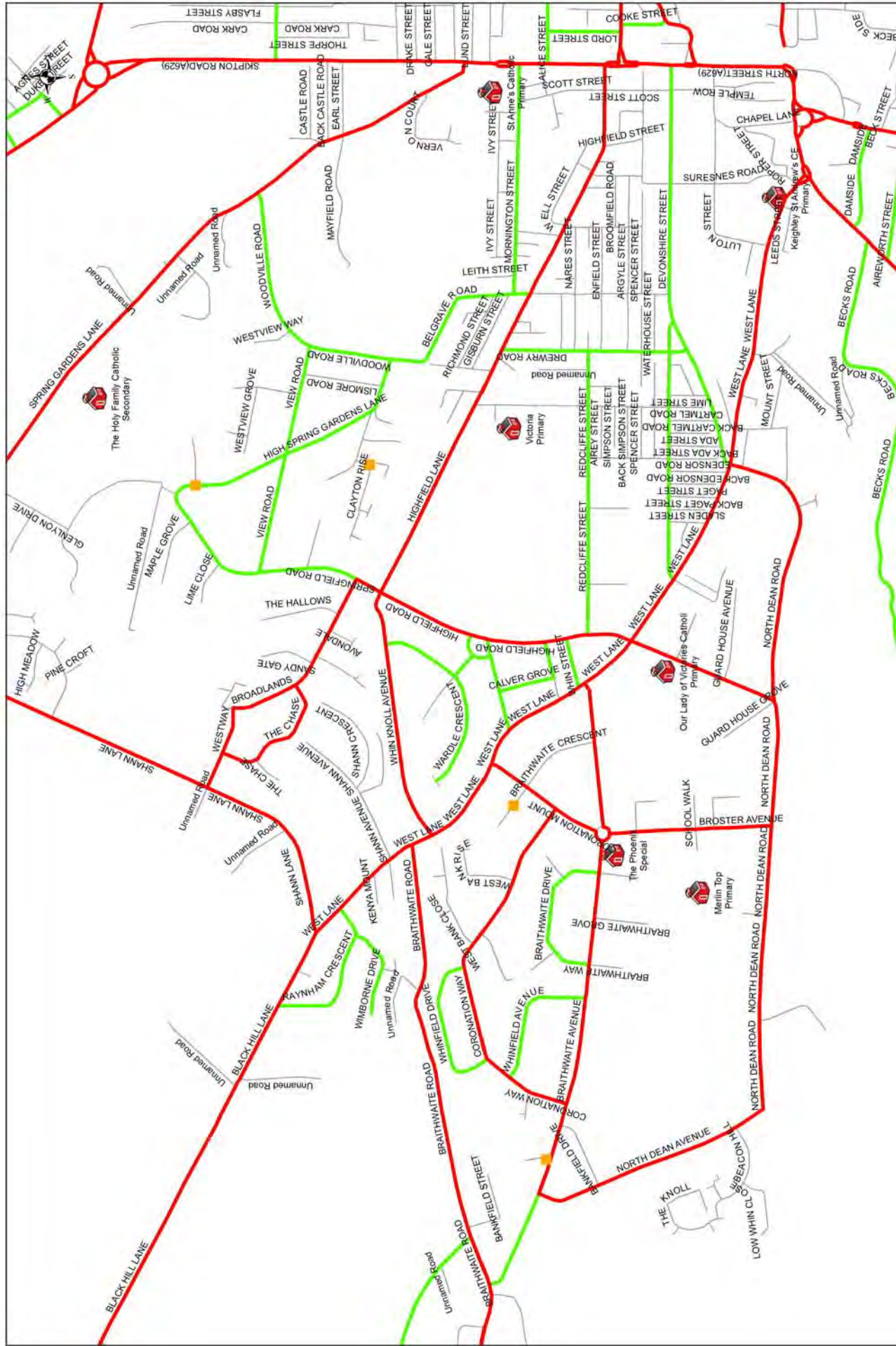
Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 KLEY Bingley 3





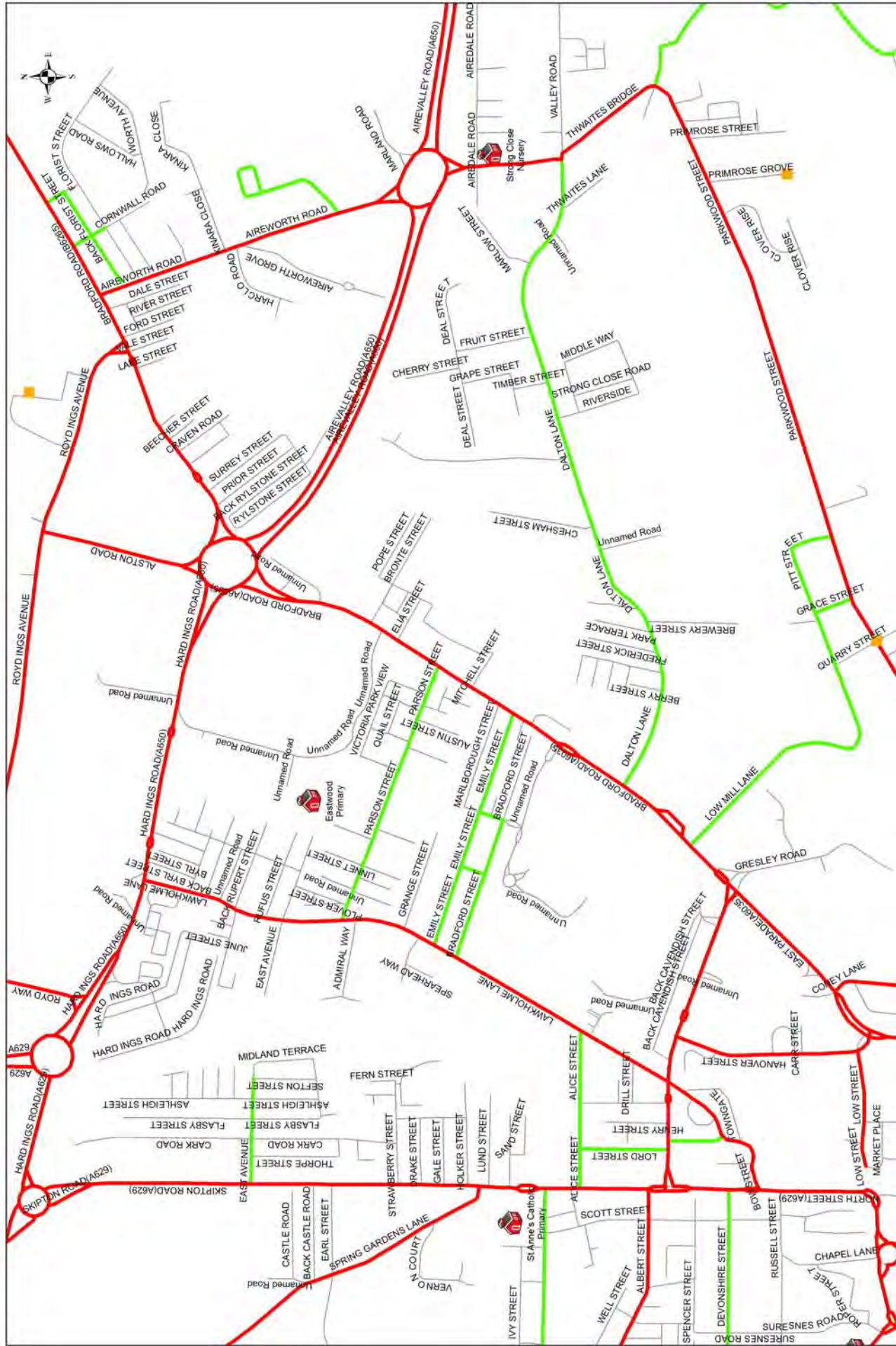
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY Bingley Rural



Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 KEIGHLEY 1





Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 KEIGHLEY 2



Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

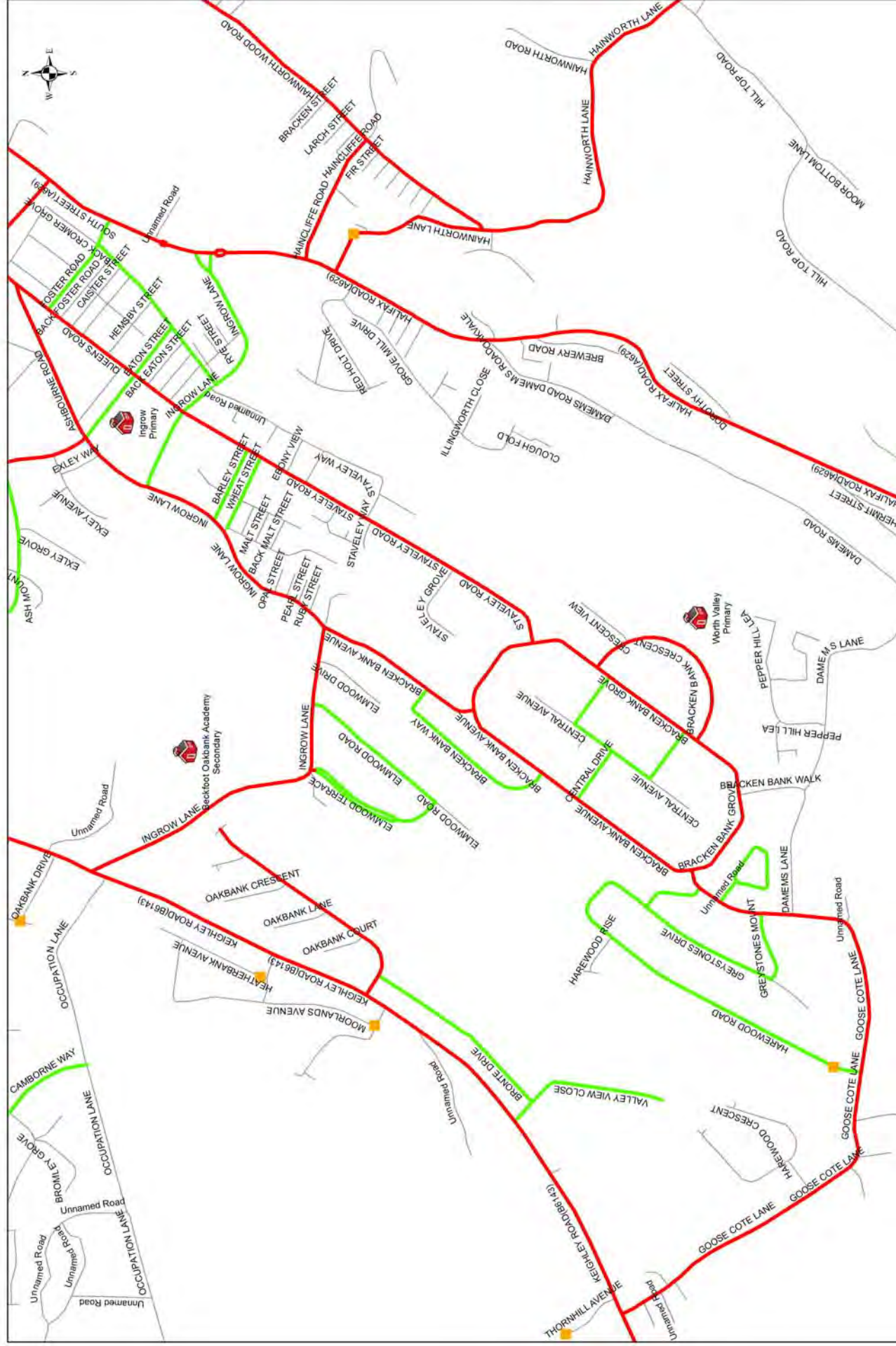
P2 KEIGHLEY 3





Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KEIGHLEY 4





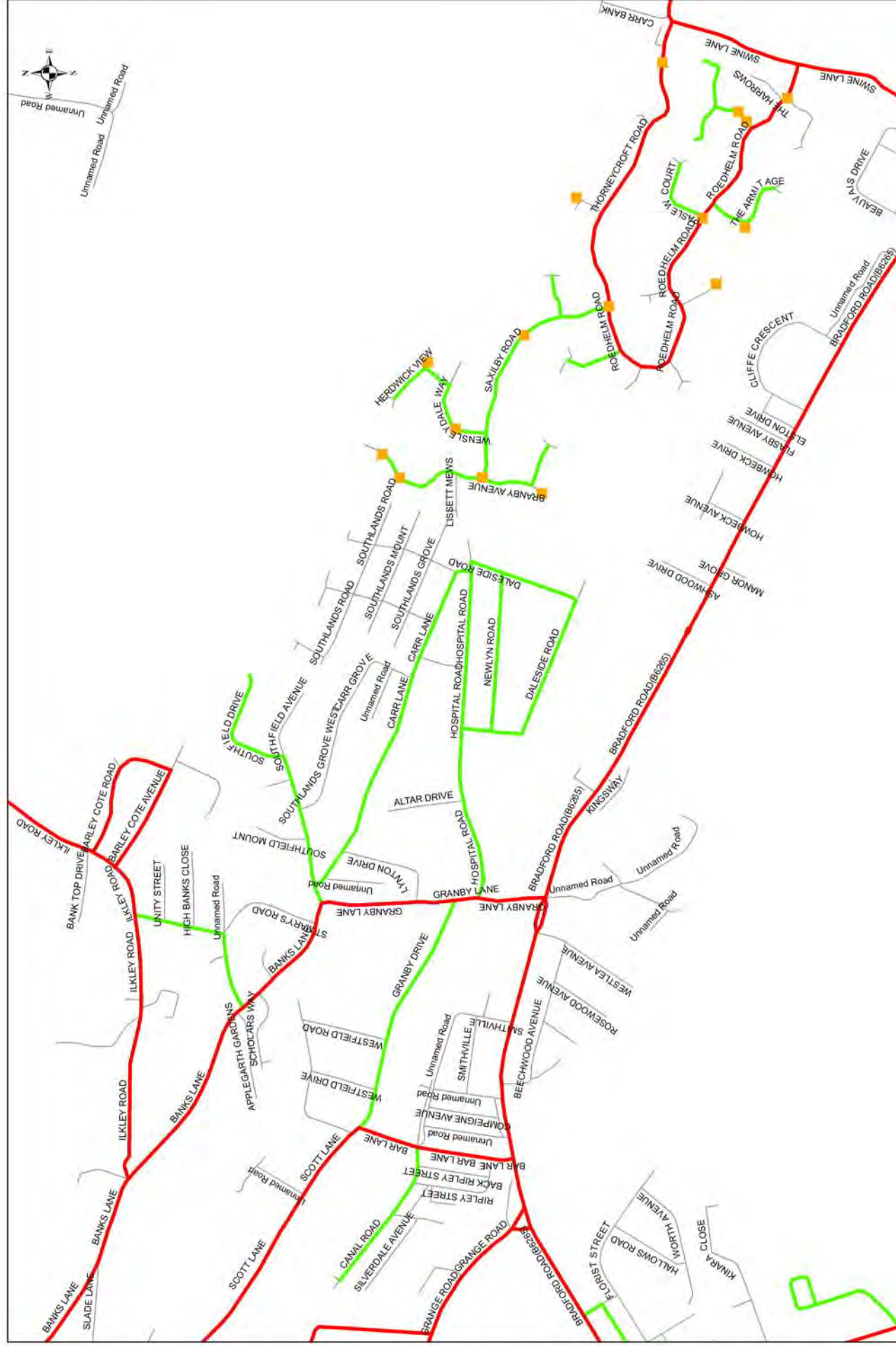
Red lines are Priority 1 roads and Green Lines are Priority 2 roads.





Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

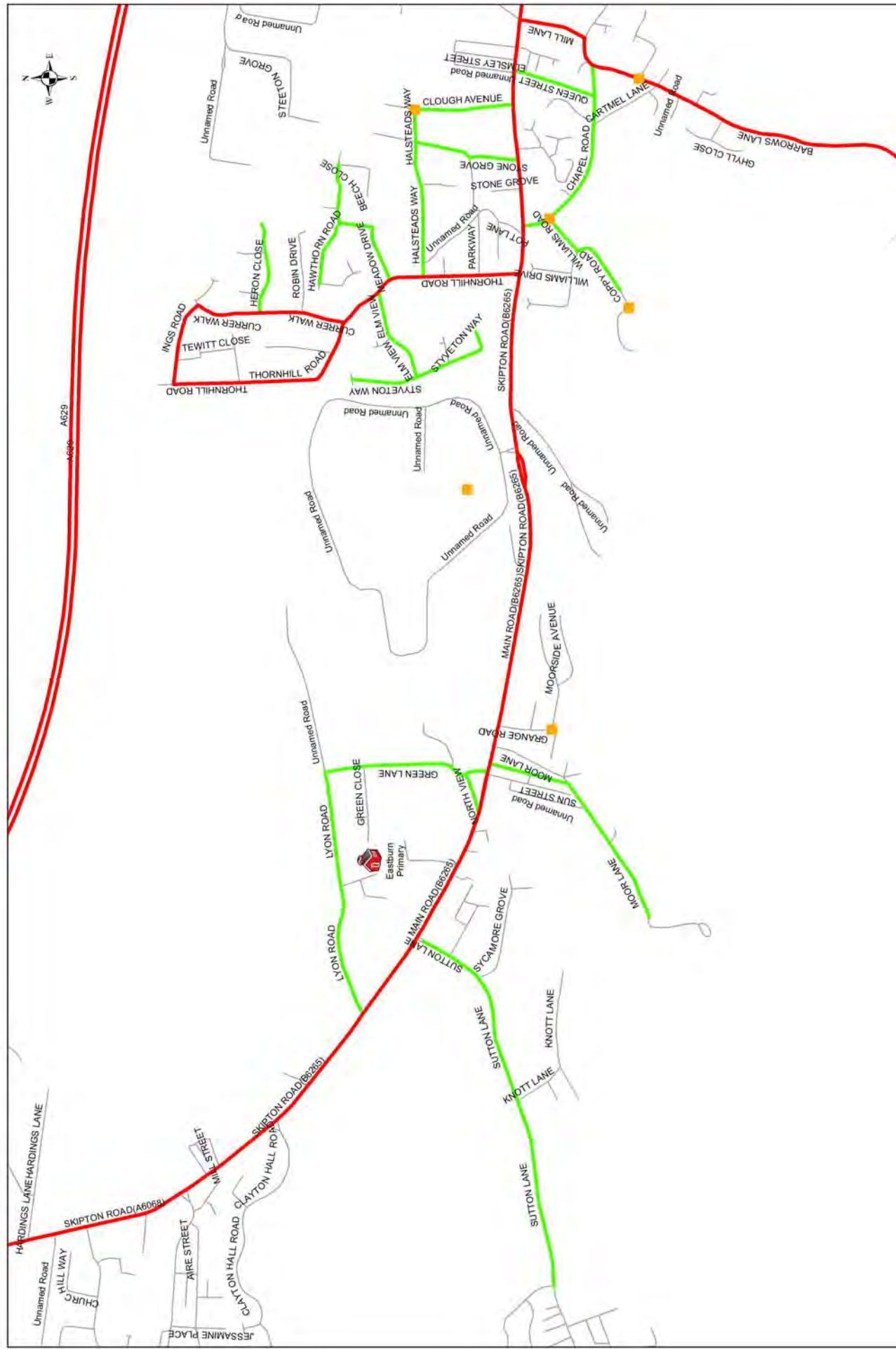
P2 KEIGHLEY 6



Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY Riddlesden







Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

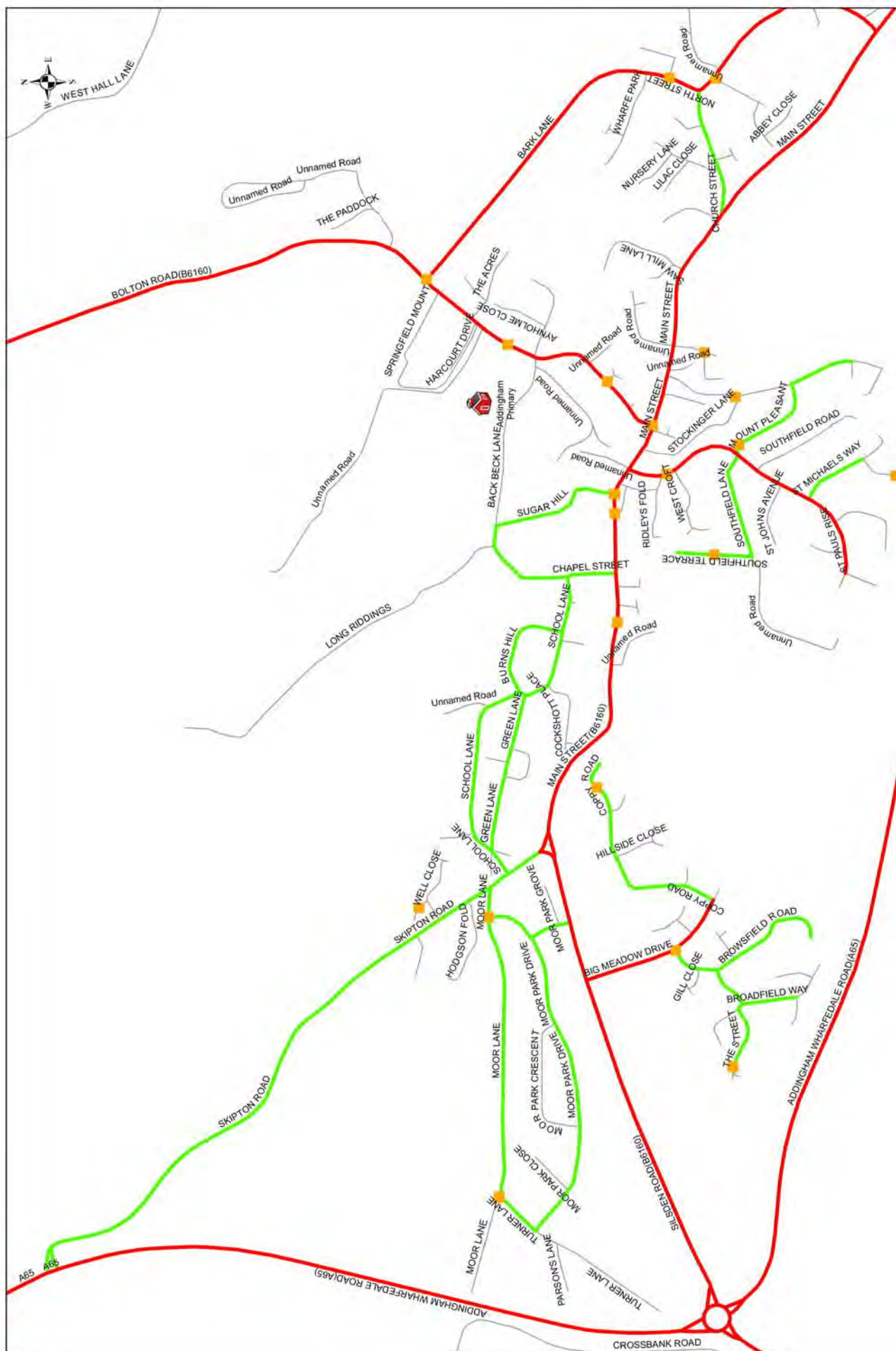
P2 KLEY Steeton



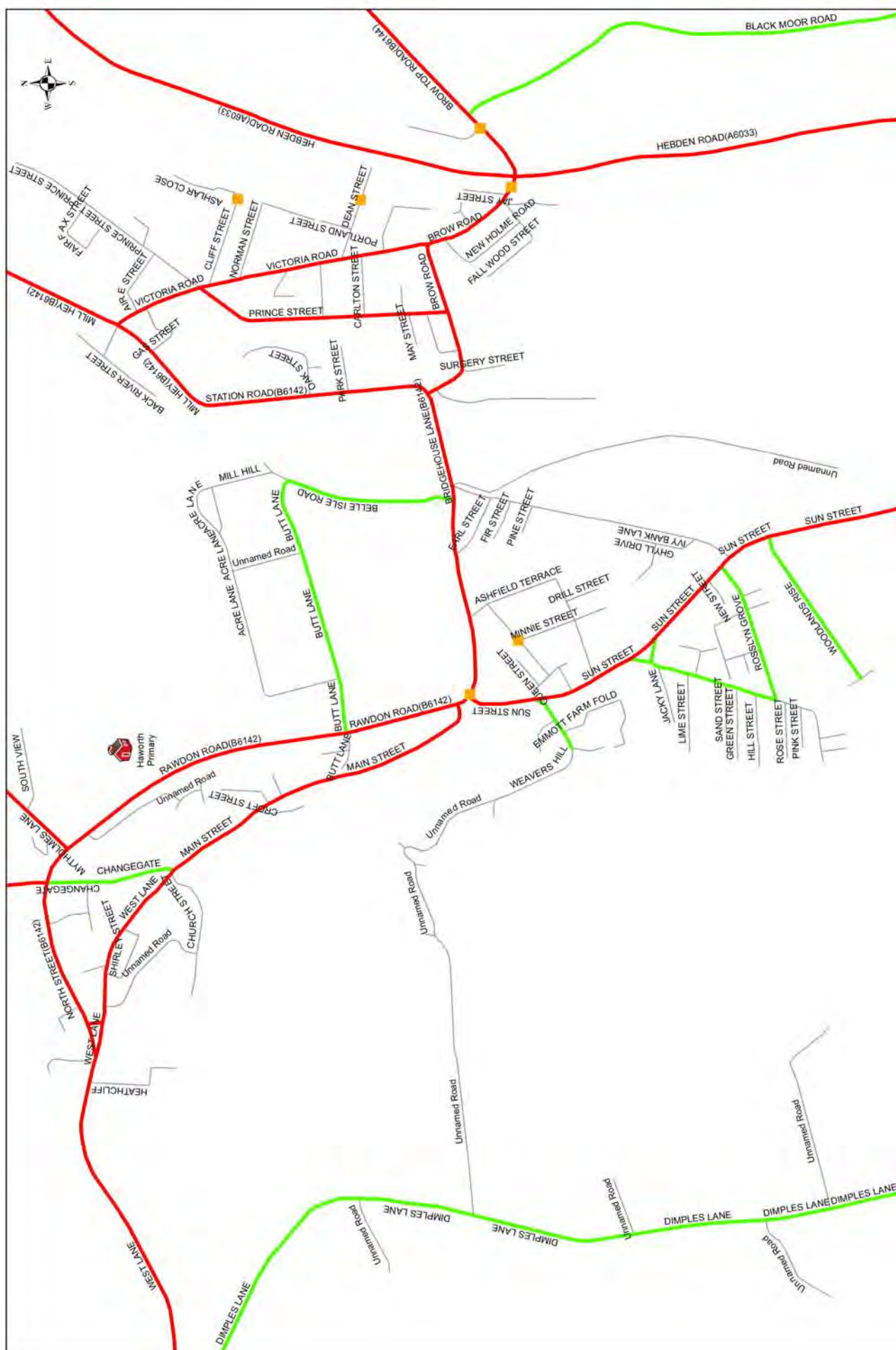








Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY Addingham

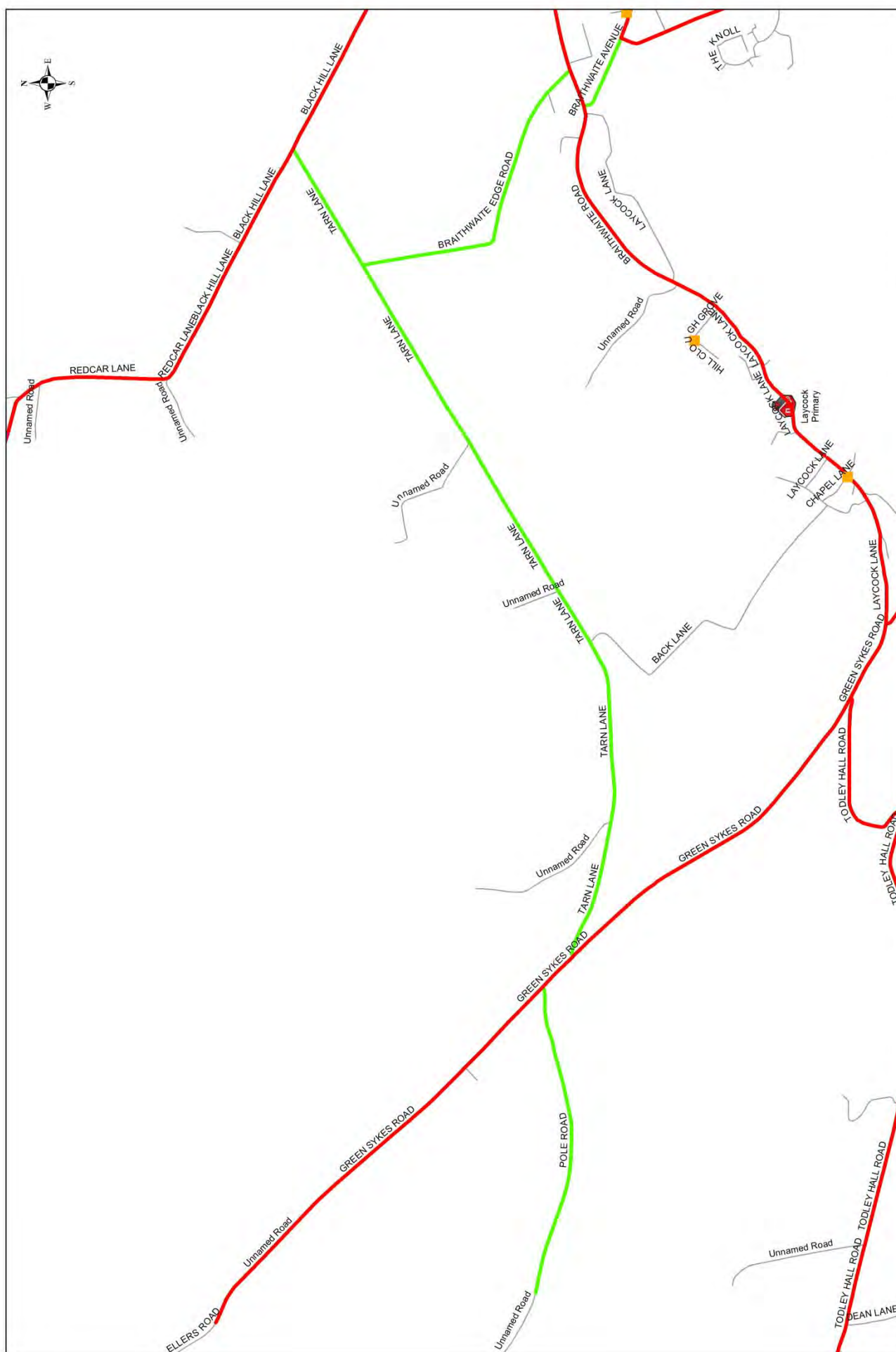


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P2 KLEY Haworth

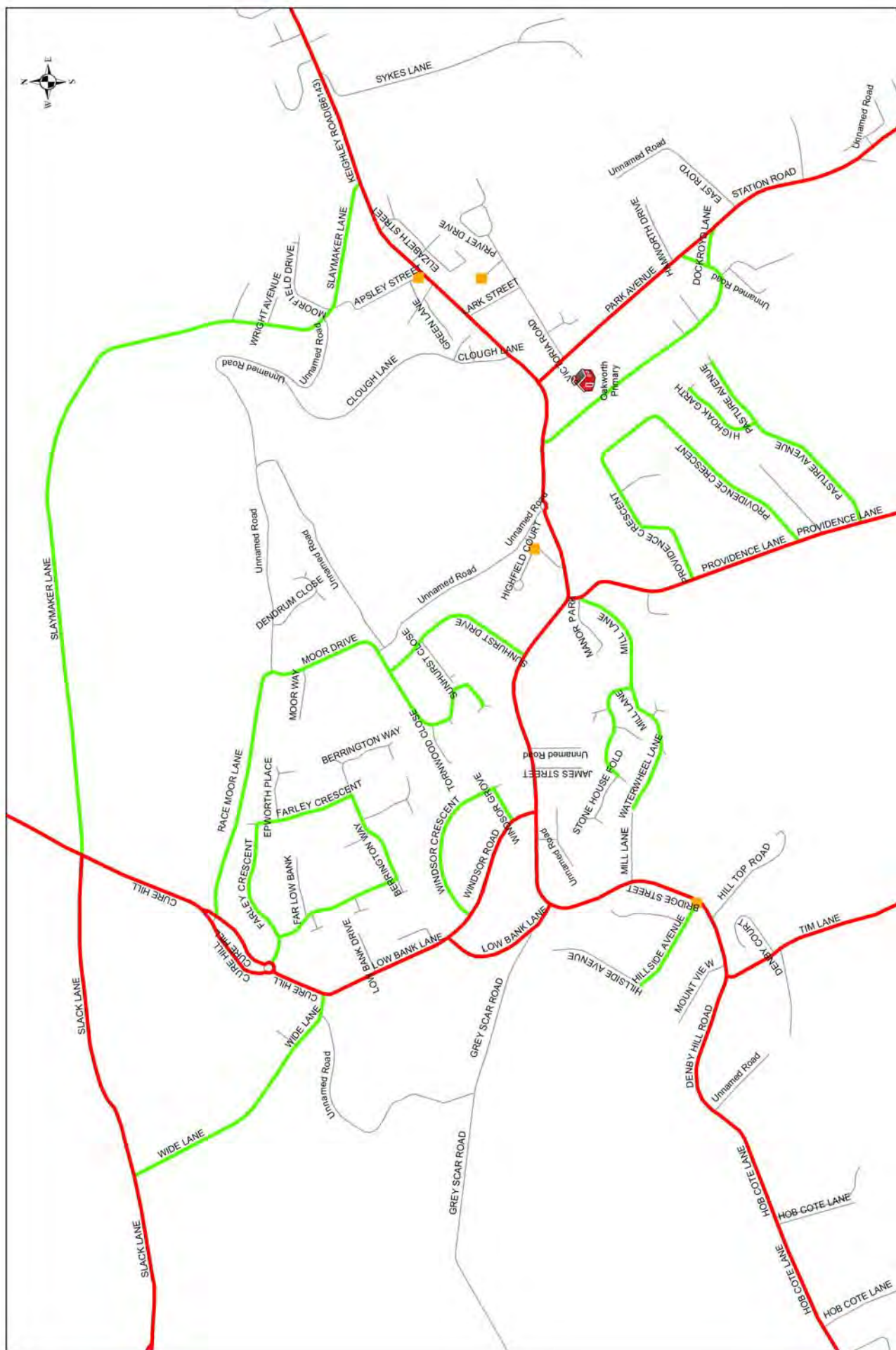






Red lines are Priority 1 roads and Green Lines are Priority 2 roads.



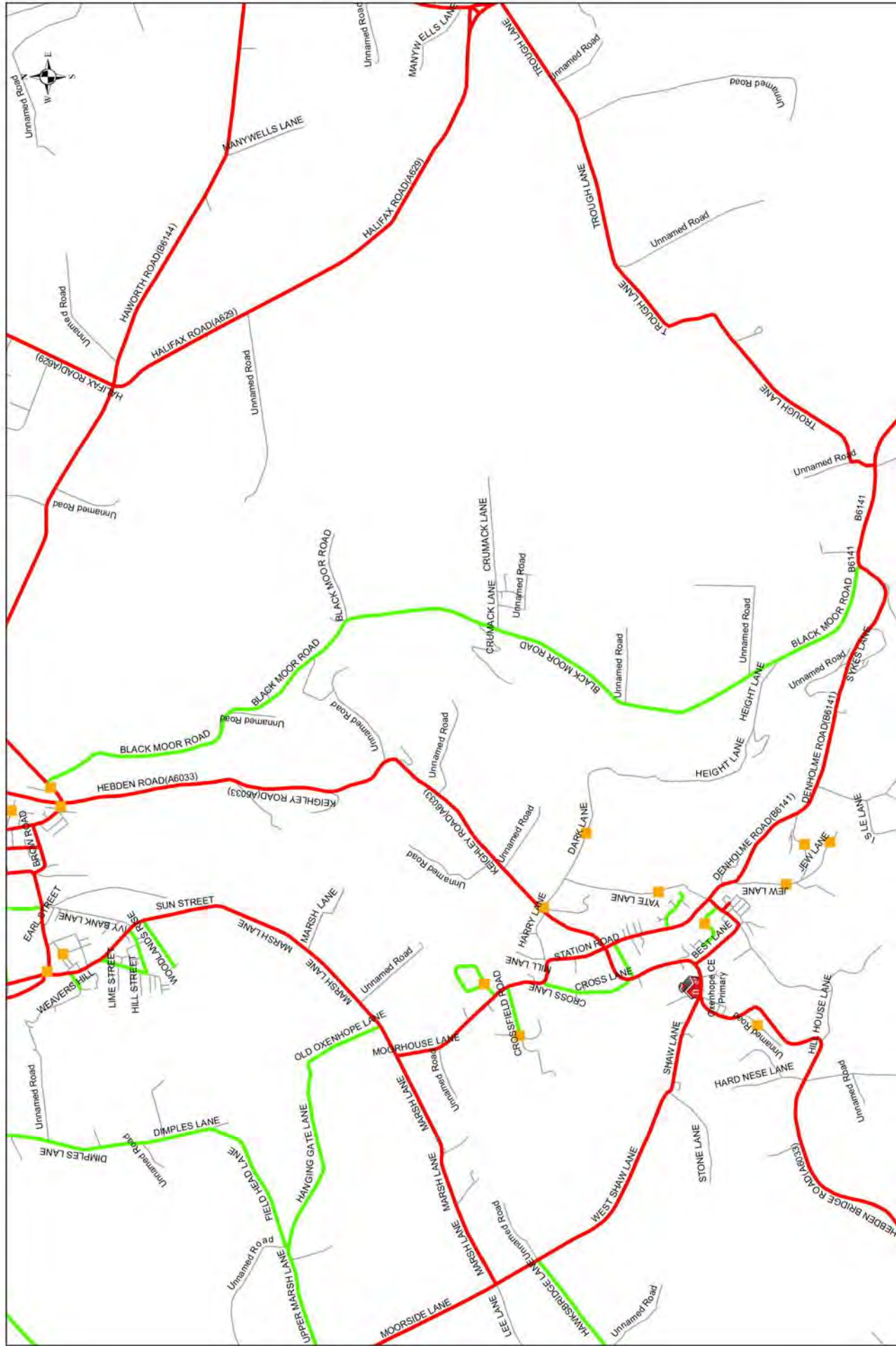


Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY Oakworth

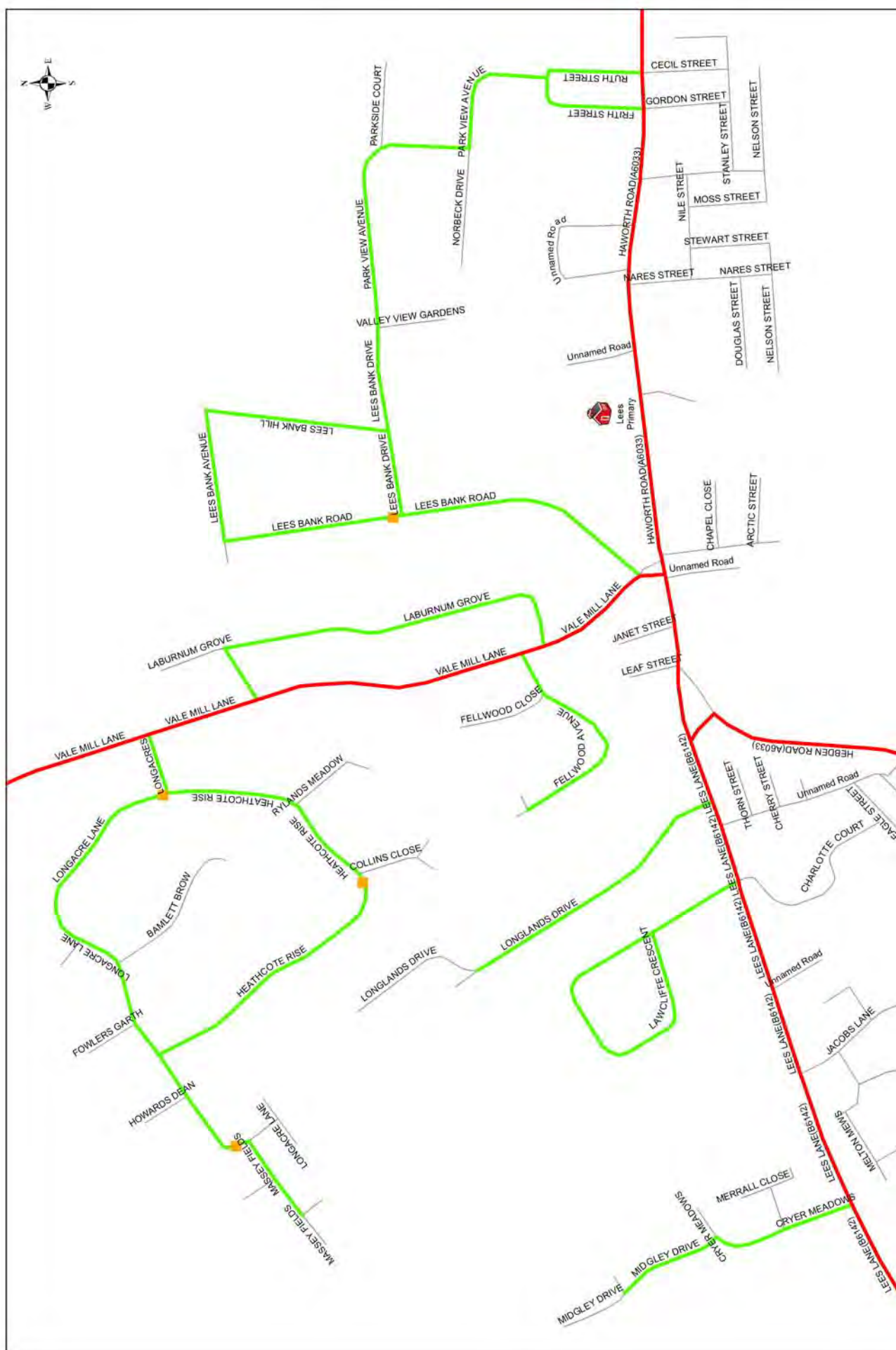


Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY Oxenhope





Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY Blackmoor Road

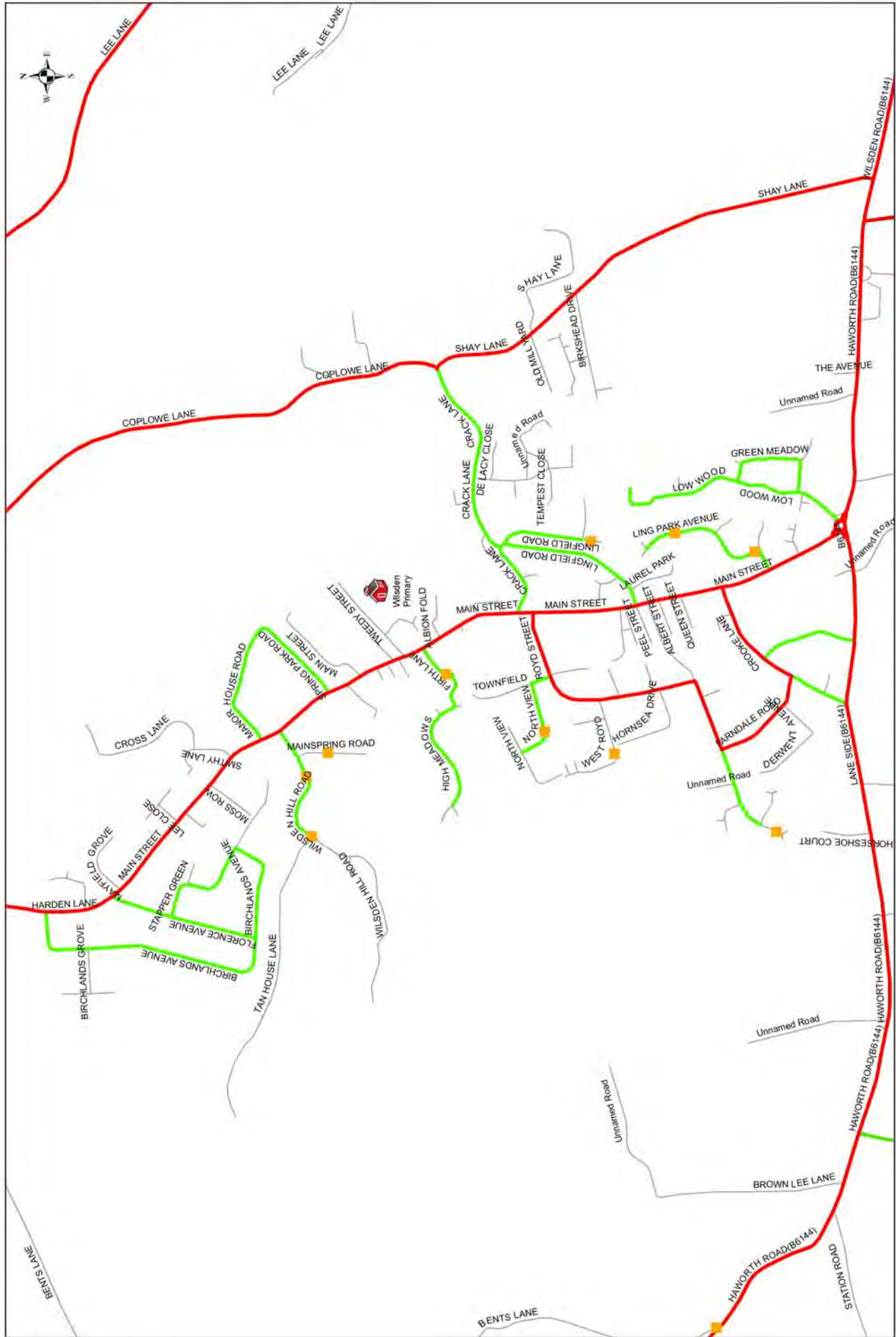


Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY X Roads



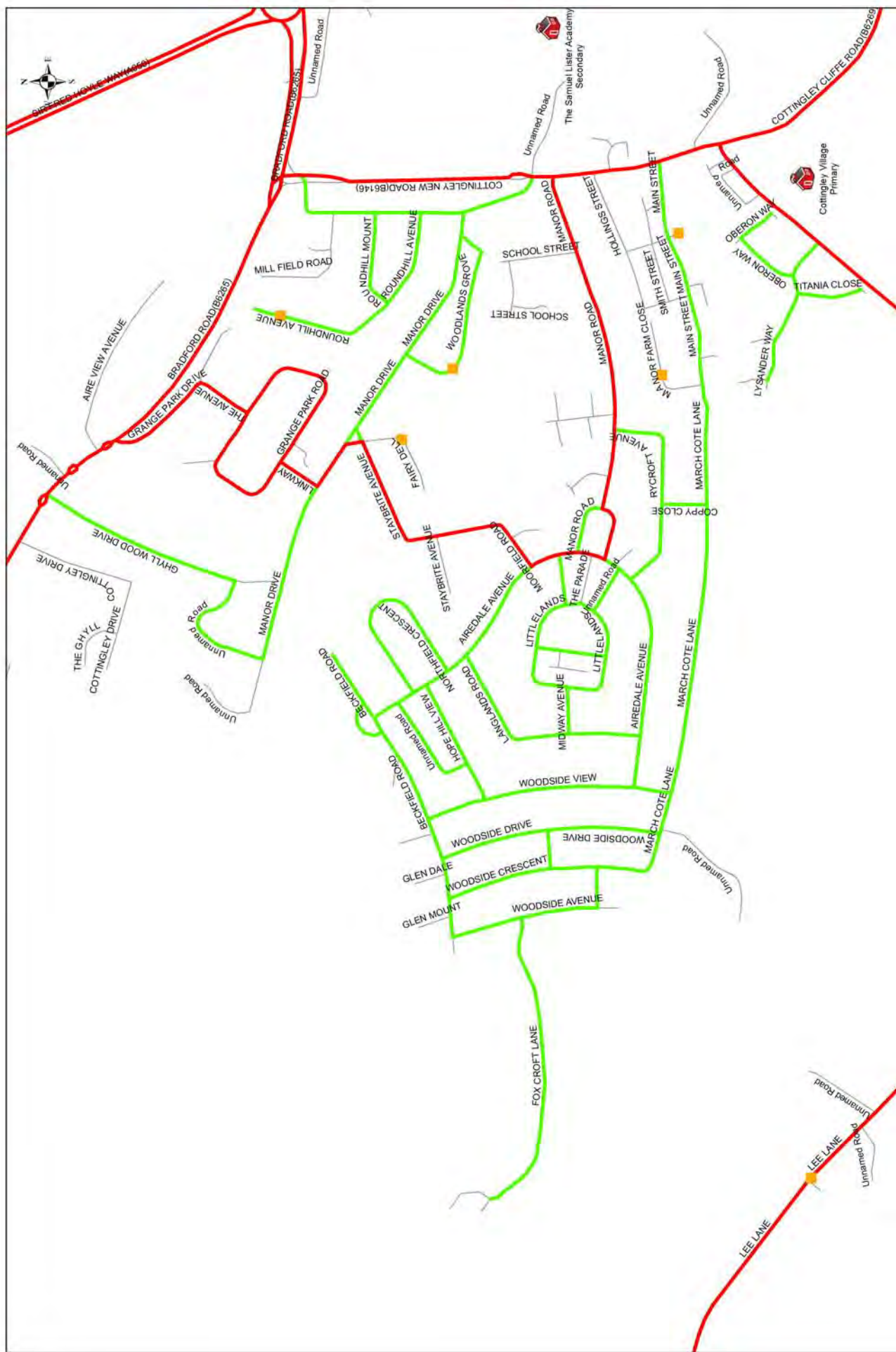


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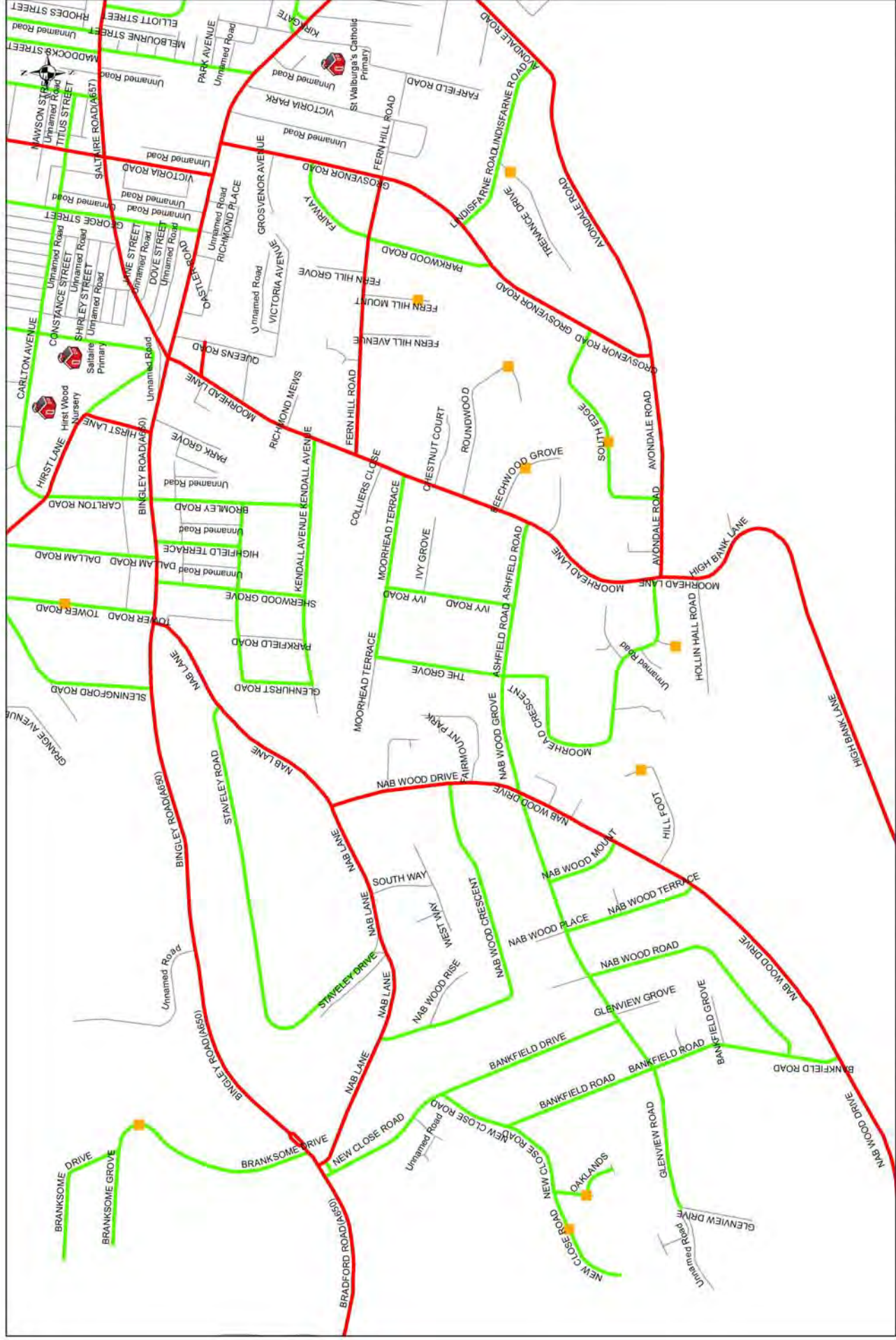


Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY Wilsden



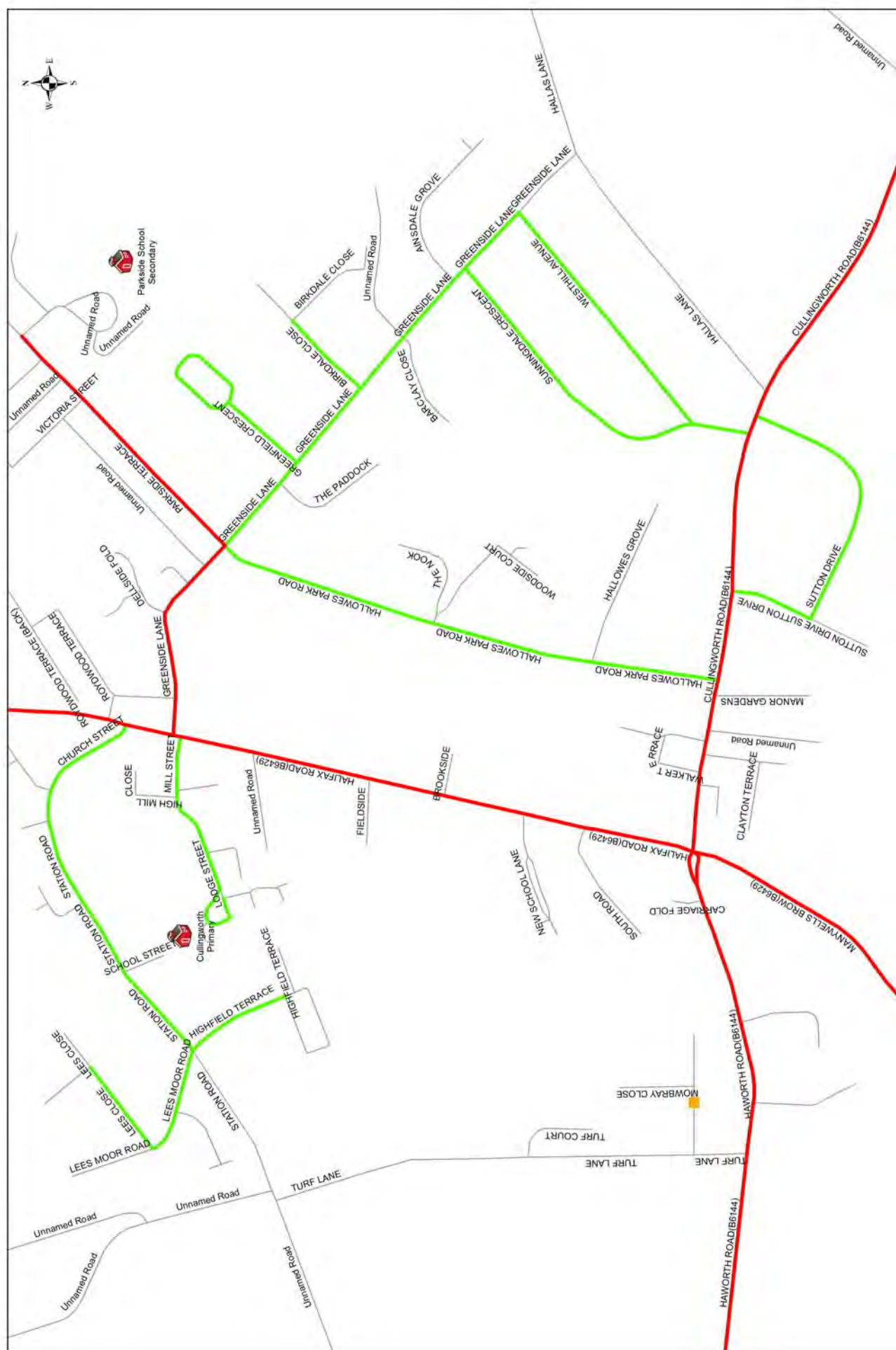


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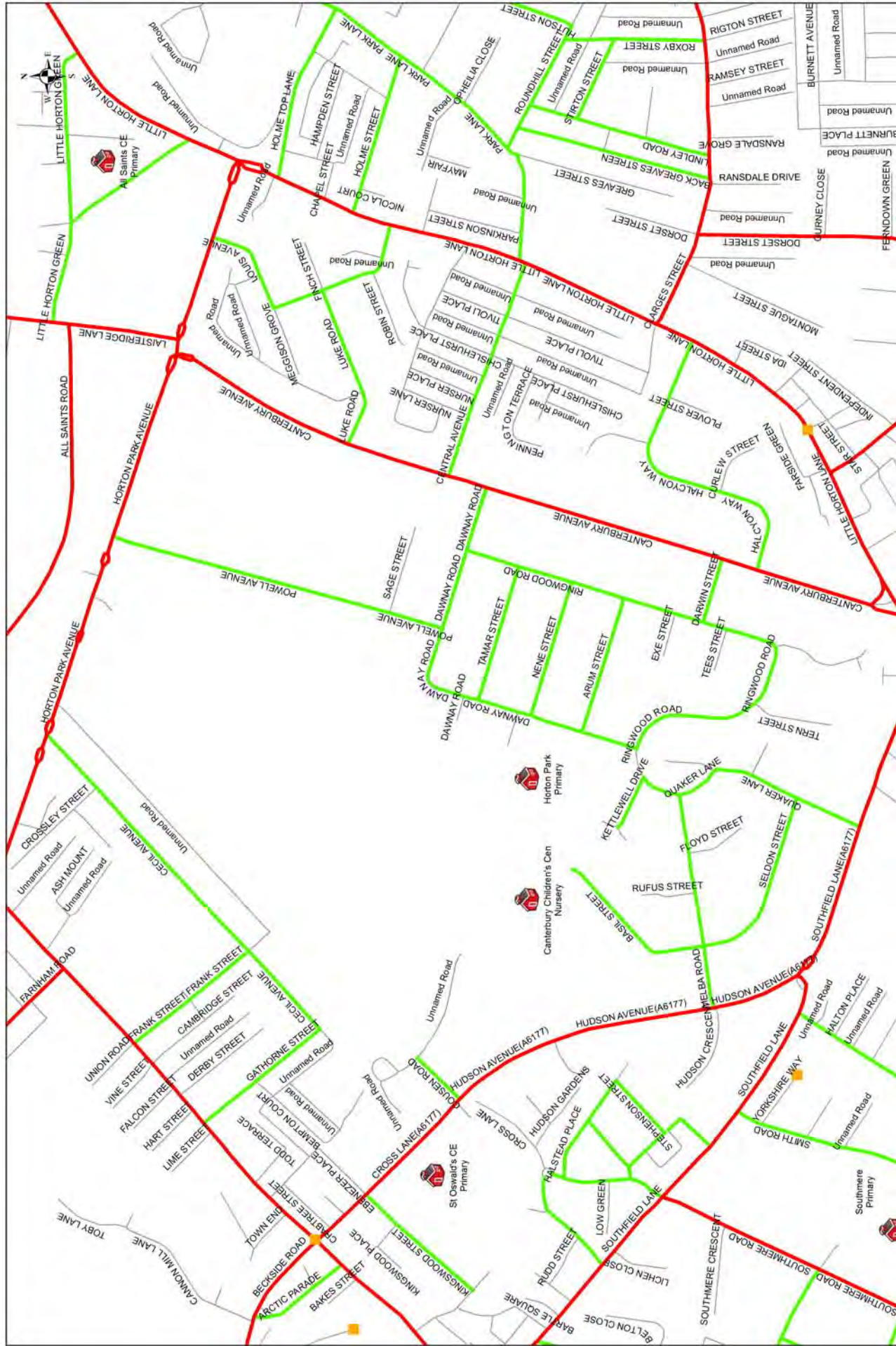


Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY Nab Wood





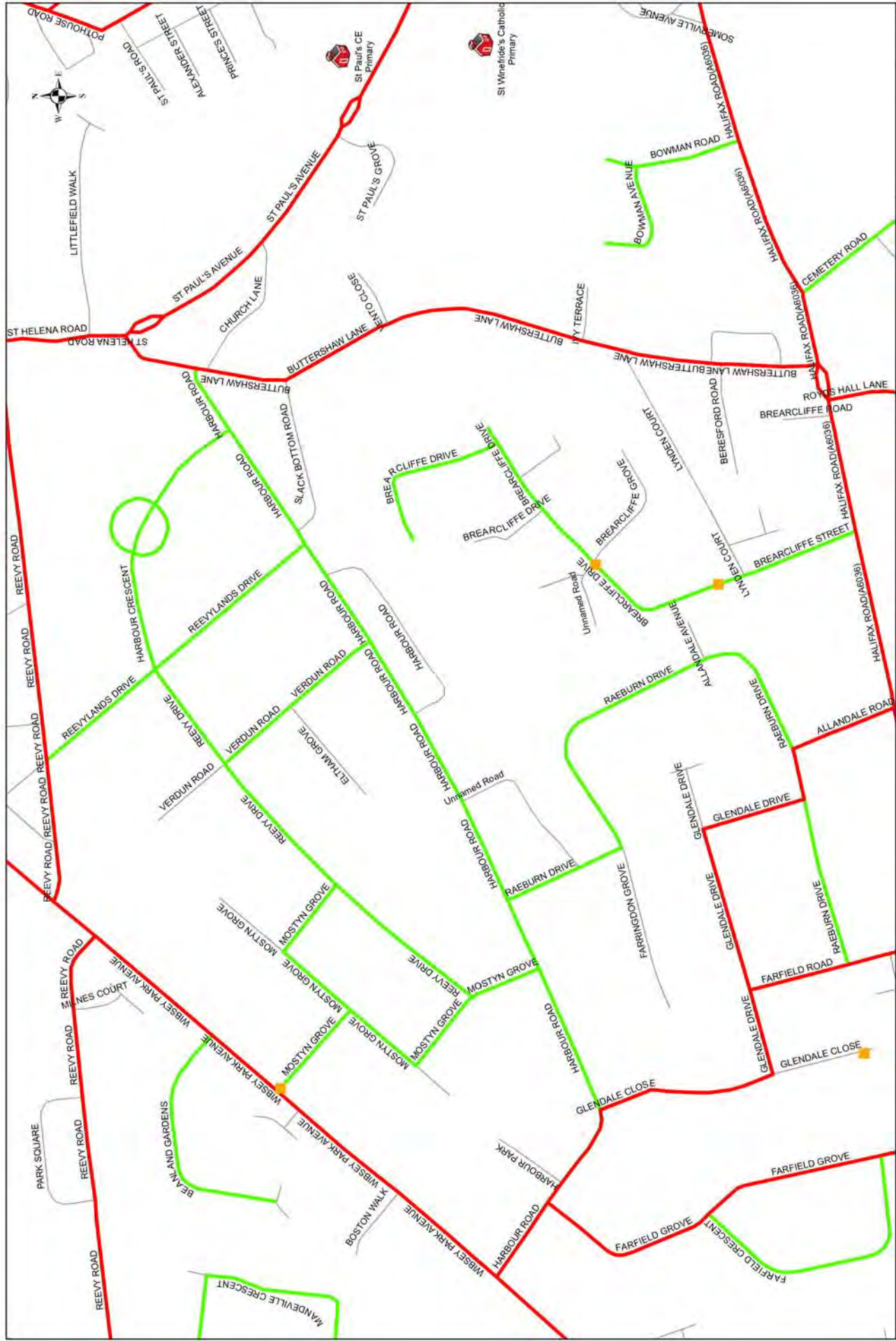
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 KLEY Cullingworth



Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W1 Canterbury





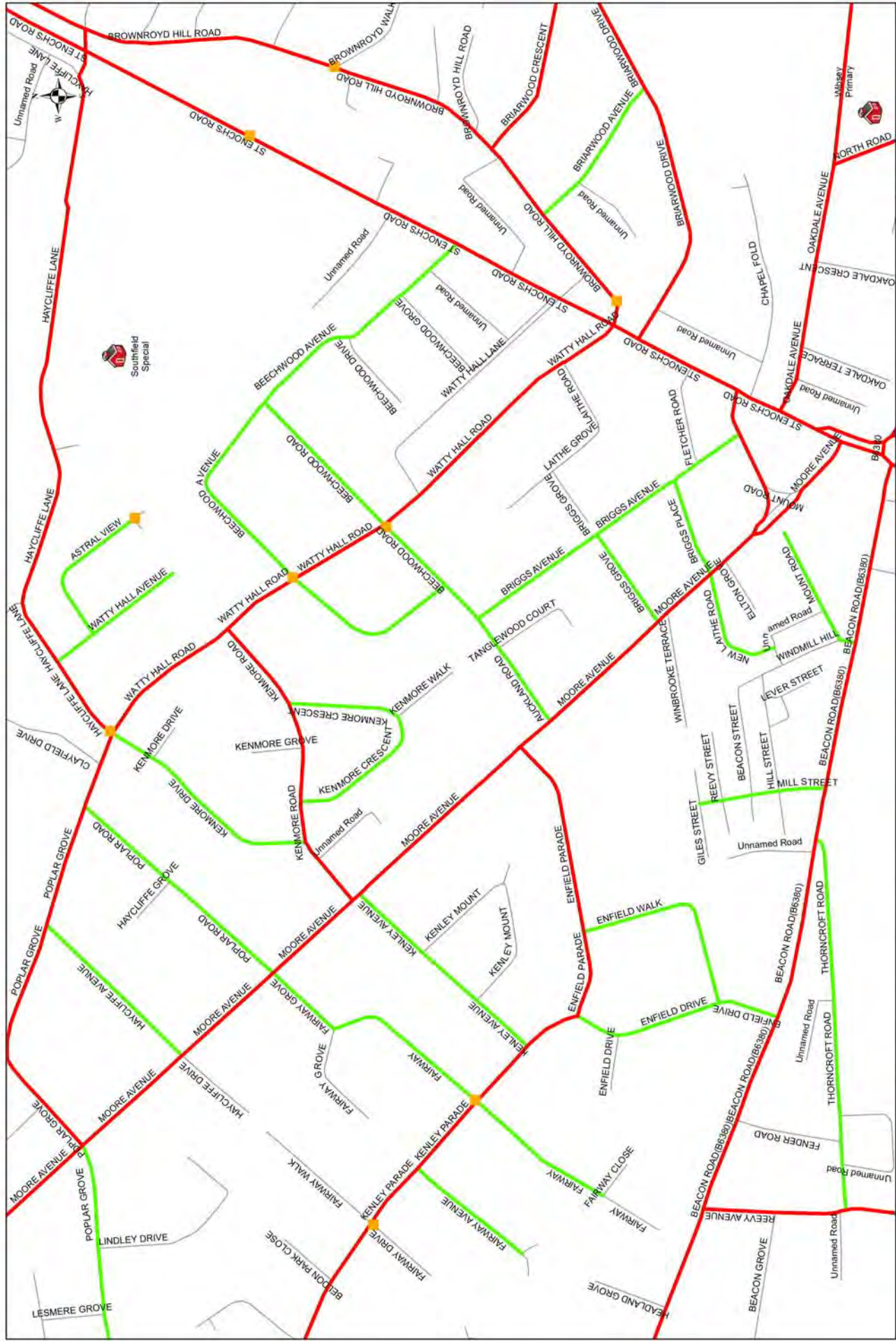
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W1 Wibsey 1





Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

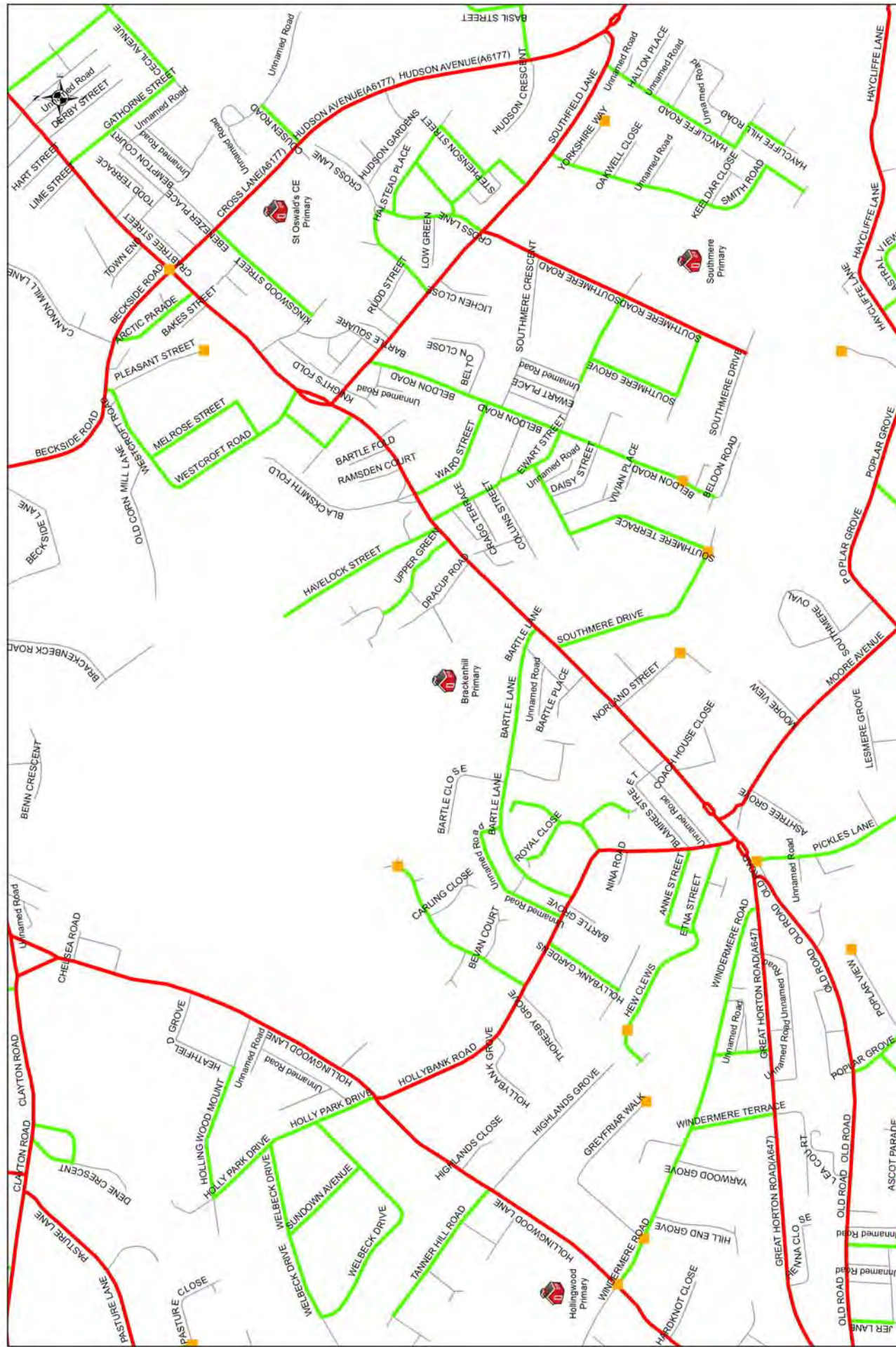




Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W1 Wibsey 3

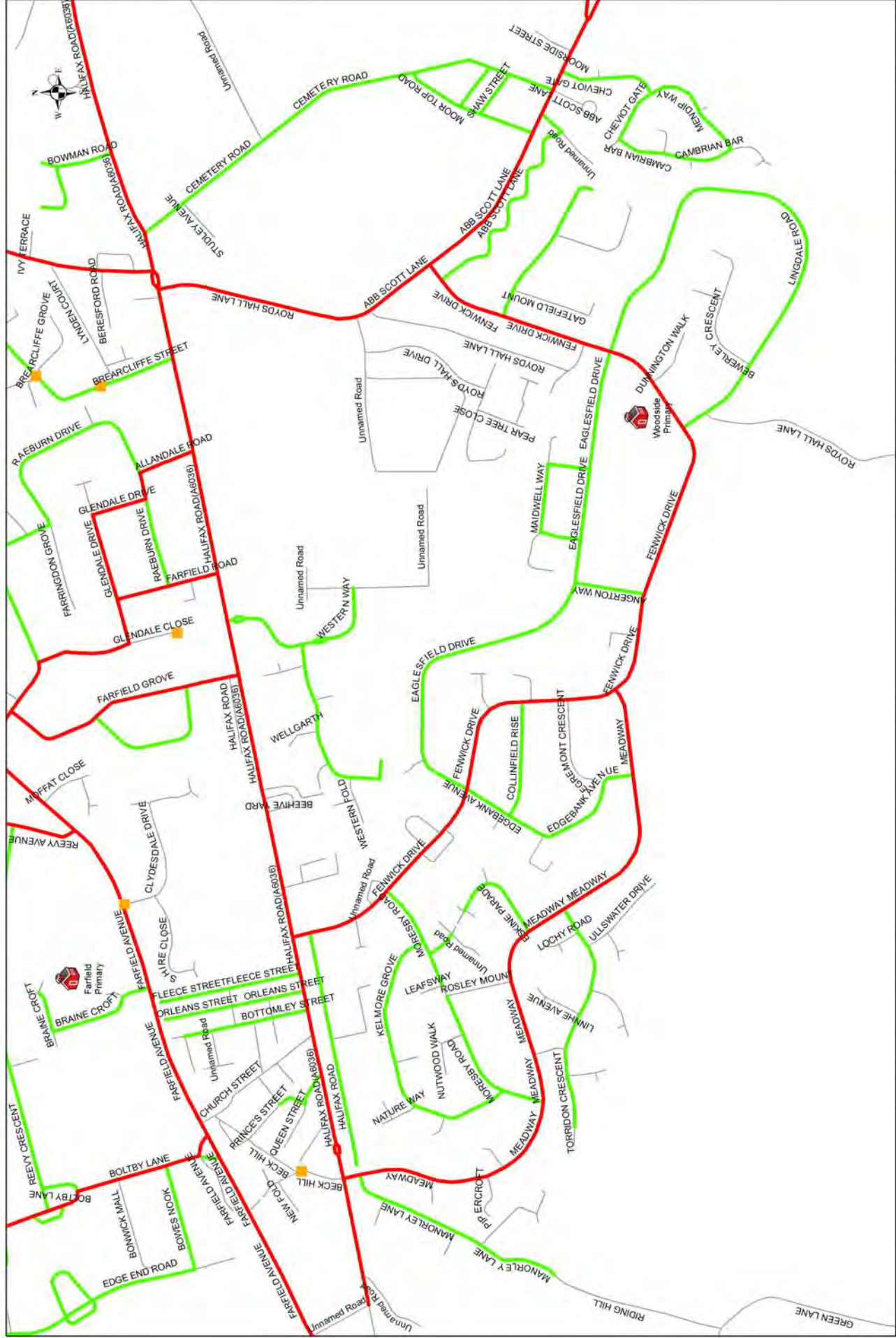




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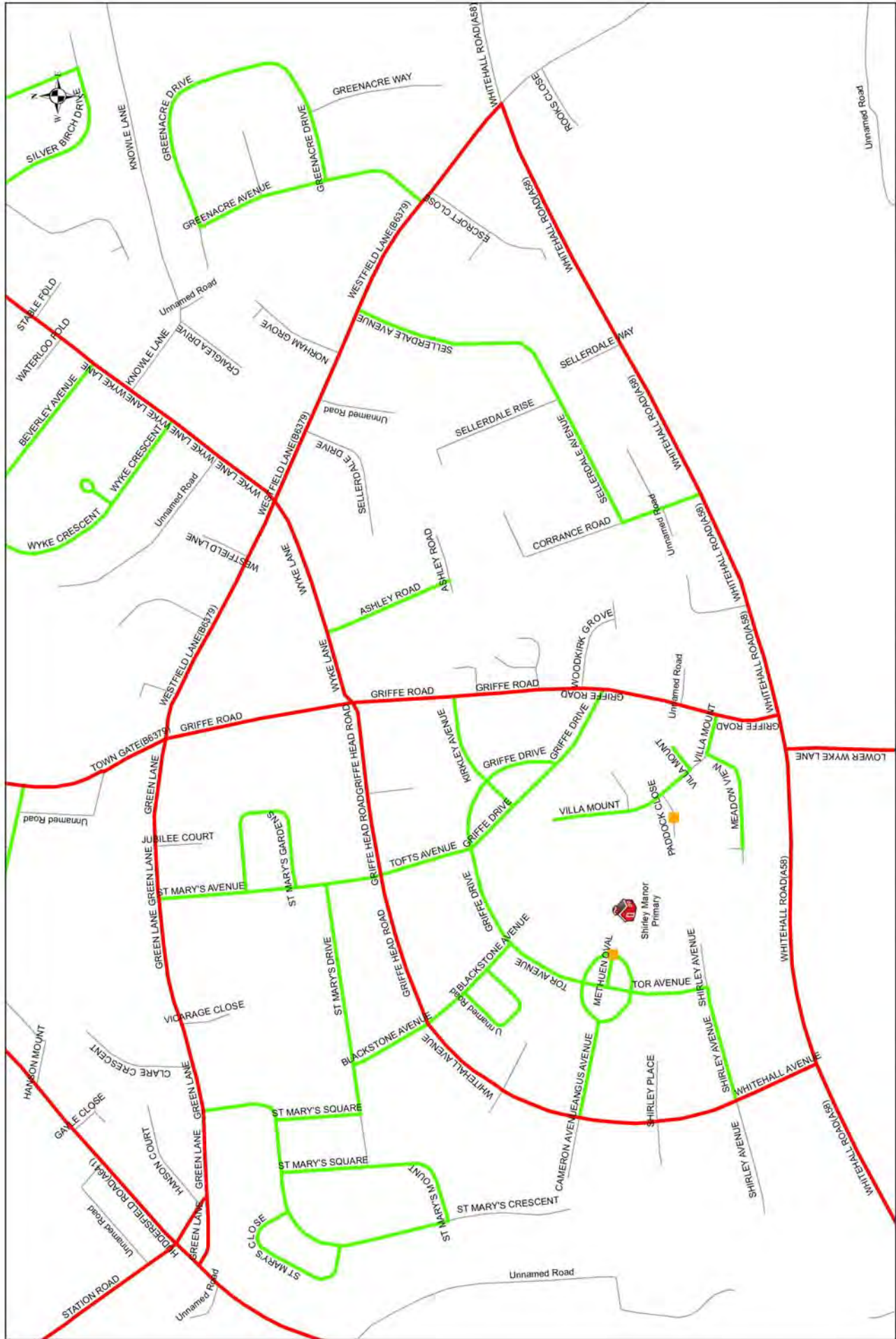
P2 W1 Southfield





Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W1 Woodside



Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W2 Wyke 1





Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W2 Wyke 2

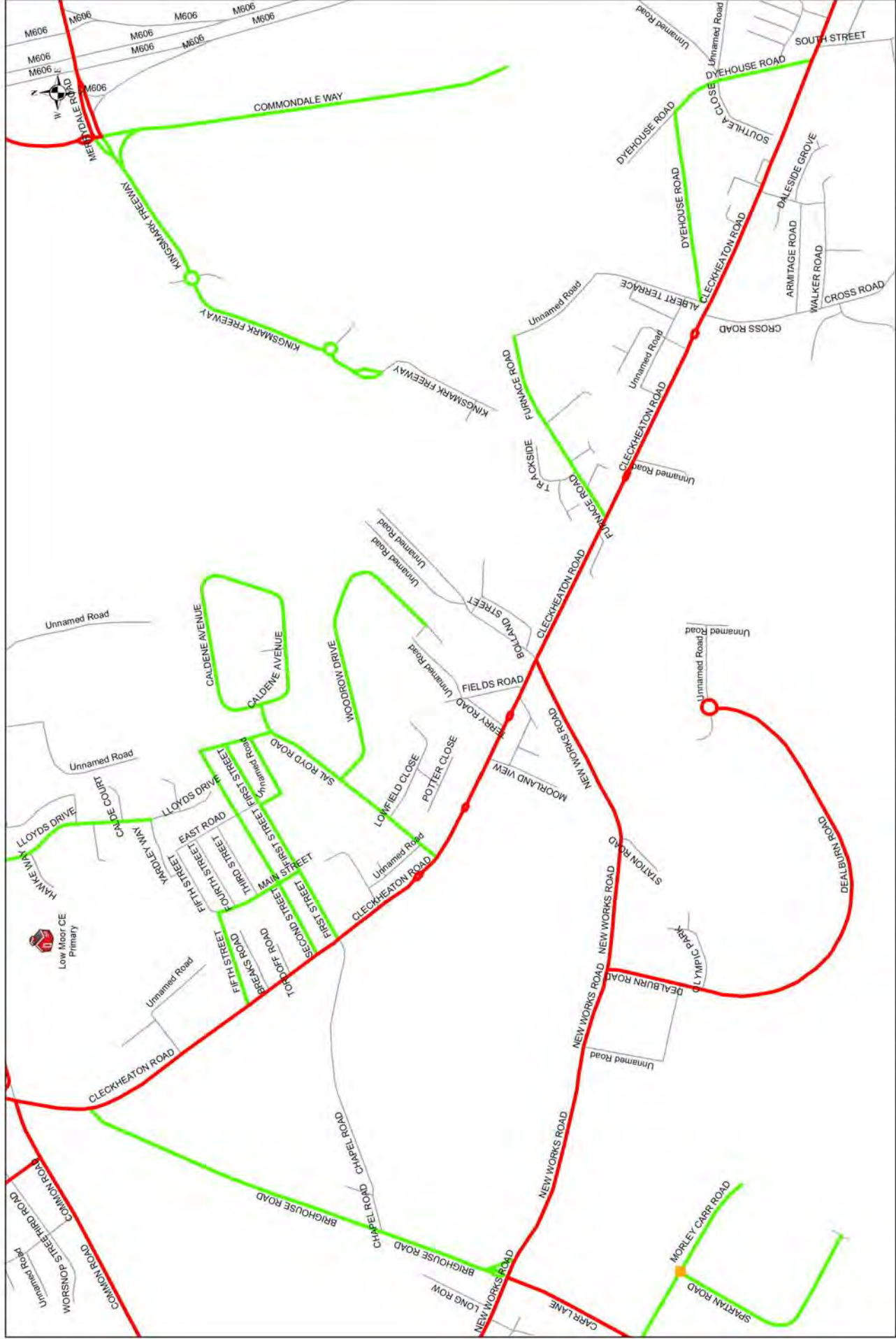


P2 W2 Wyke 3





Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W2 Larch / Odsal



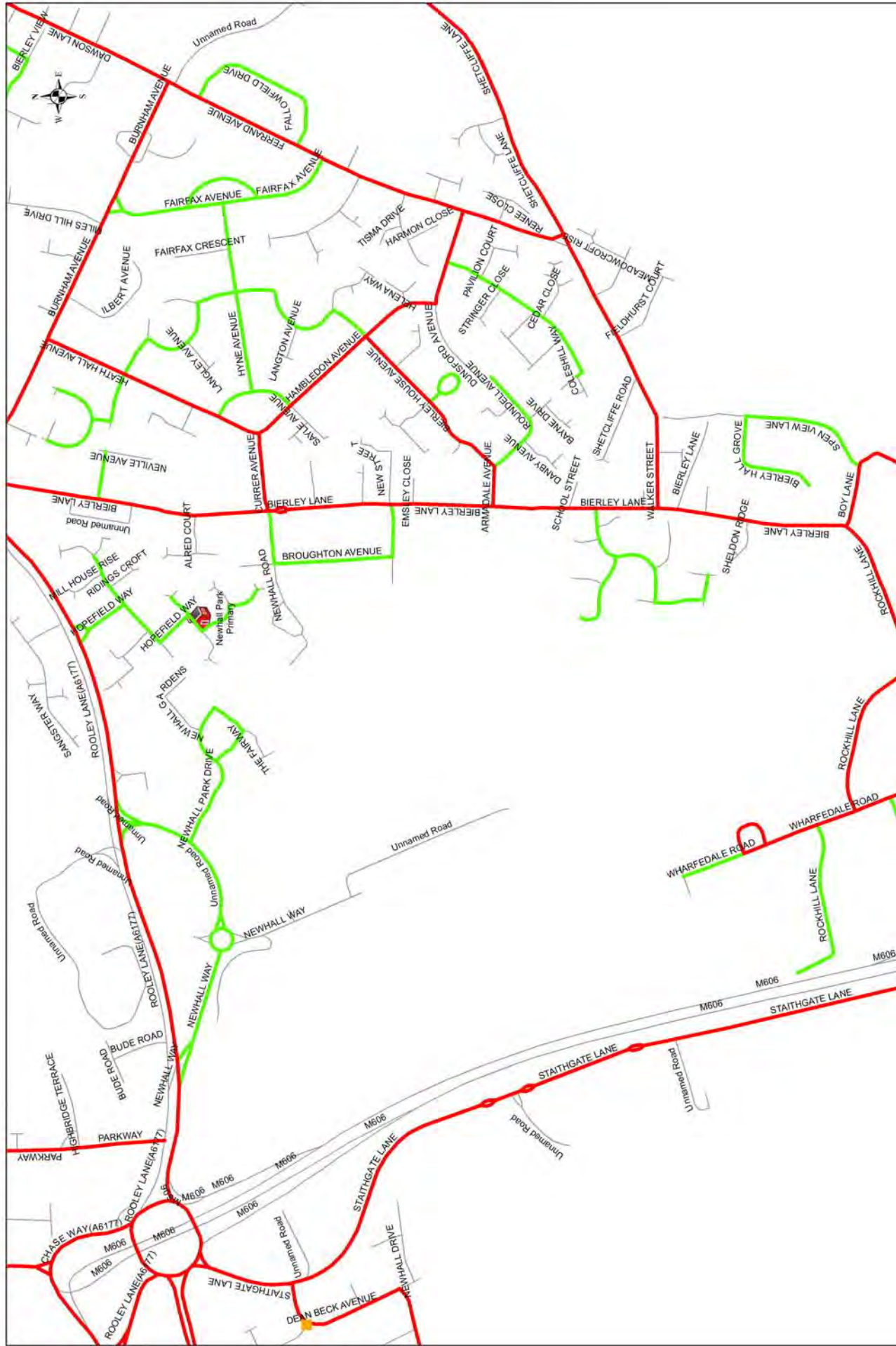
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W2 Low Moor





Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

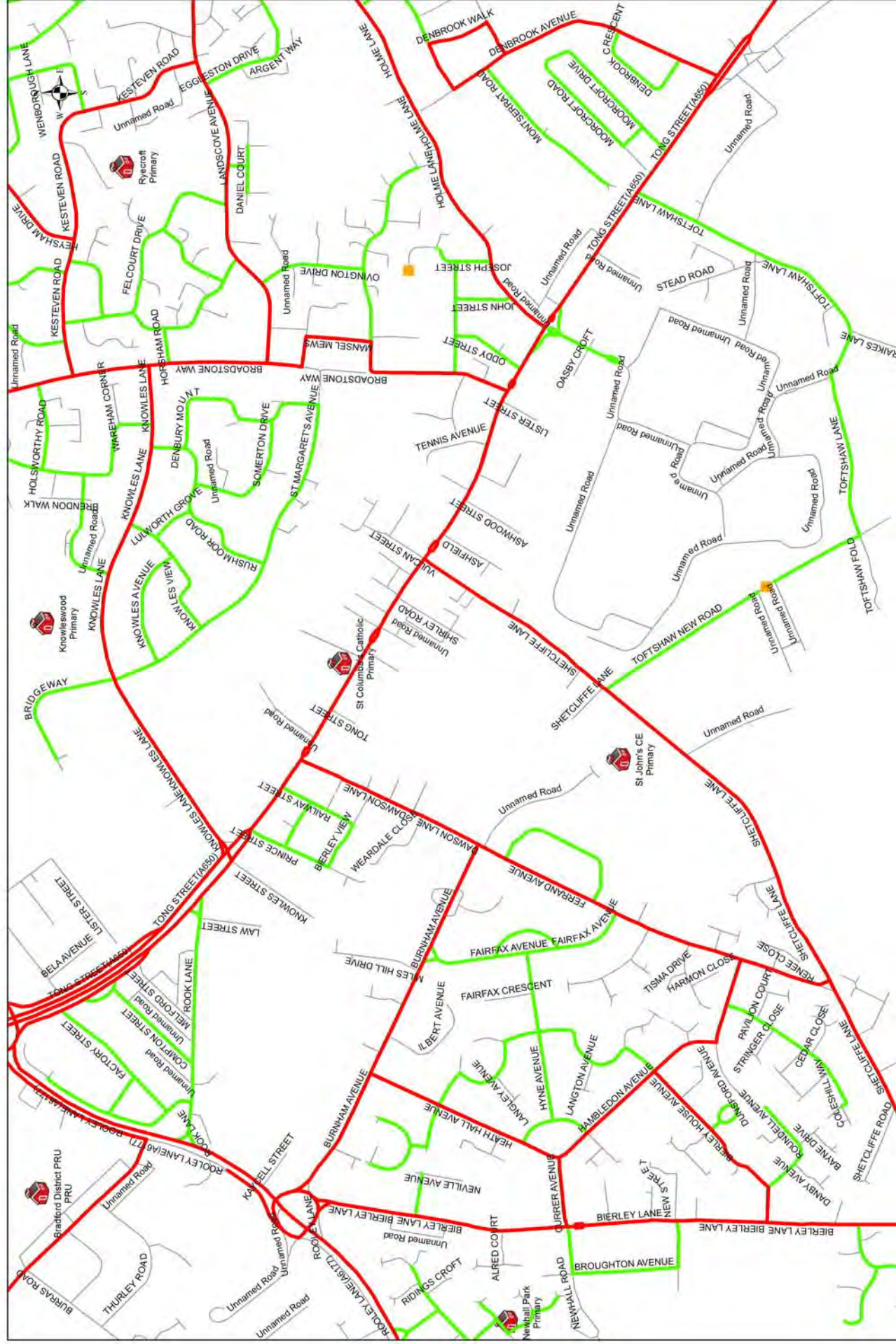
P2 W2 Euroway



Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W2 Bierley 1

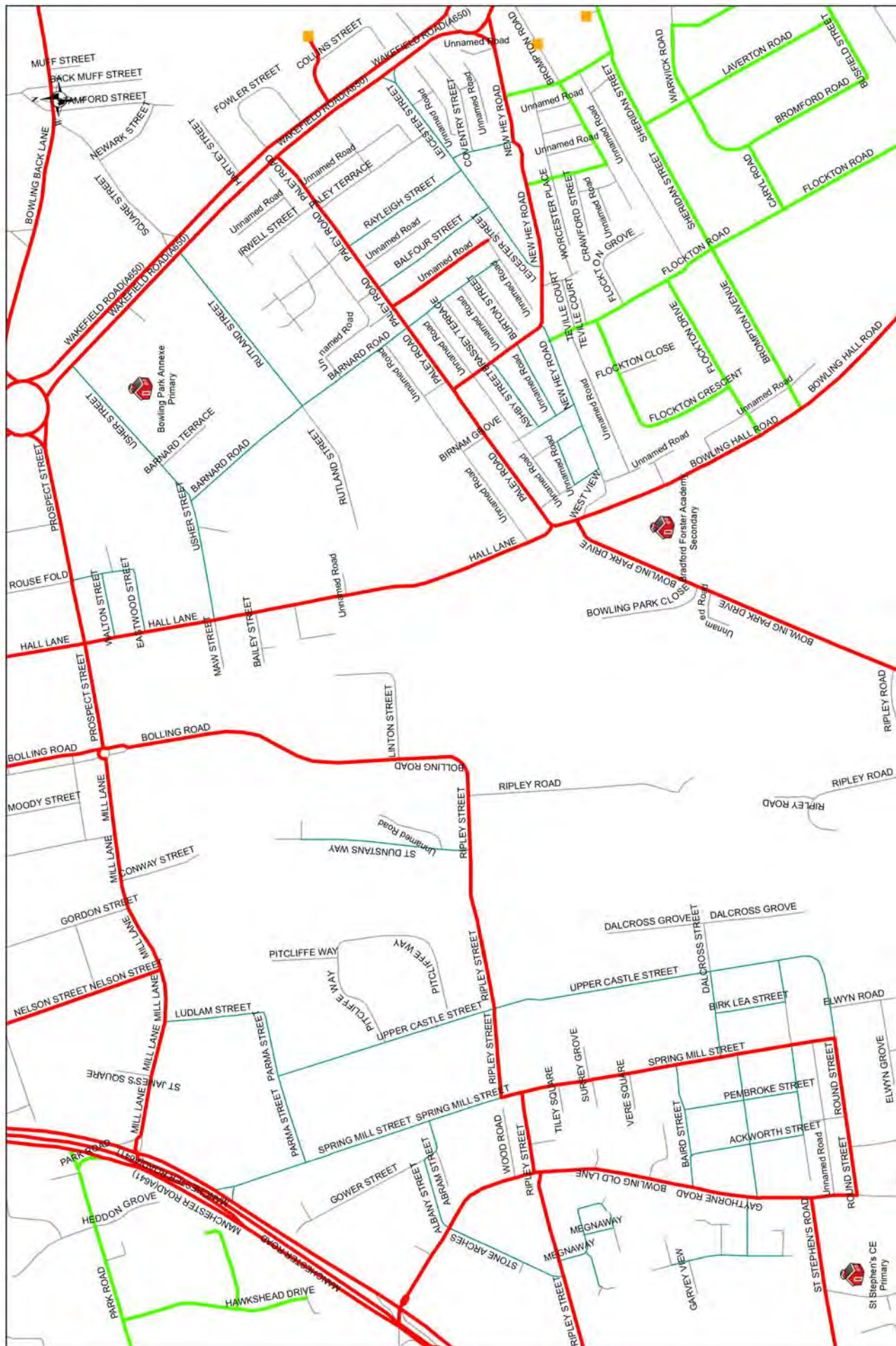




Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W2 Bierley 2





Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W3 West Bowling





Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W3 Laisterdyke









Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W3 Bfd Moor 2





Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

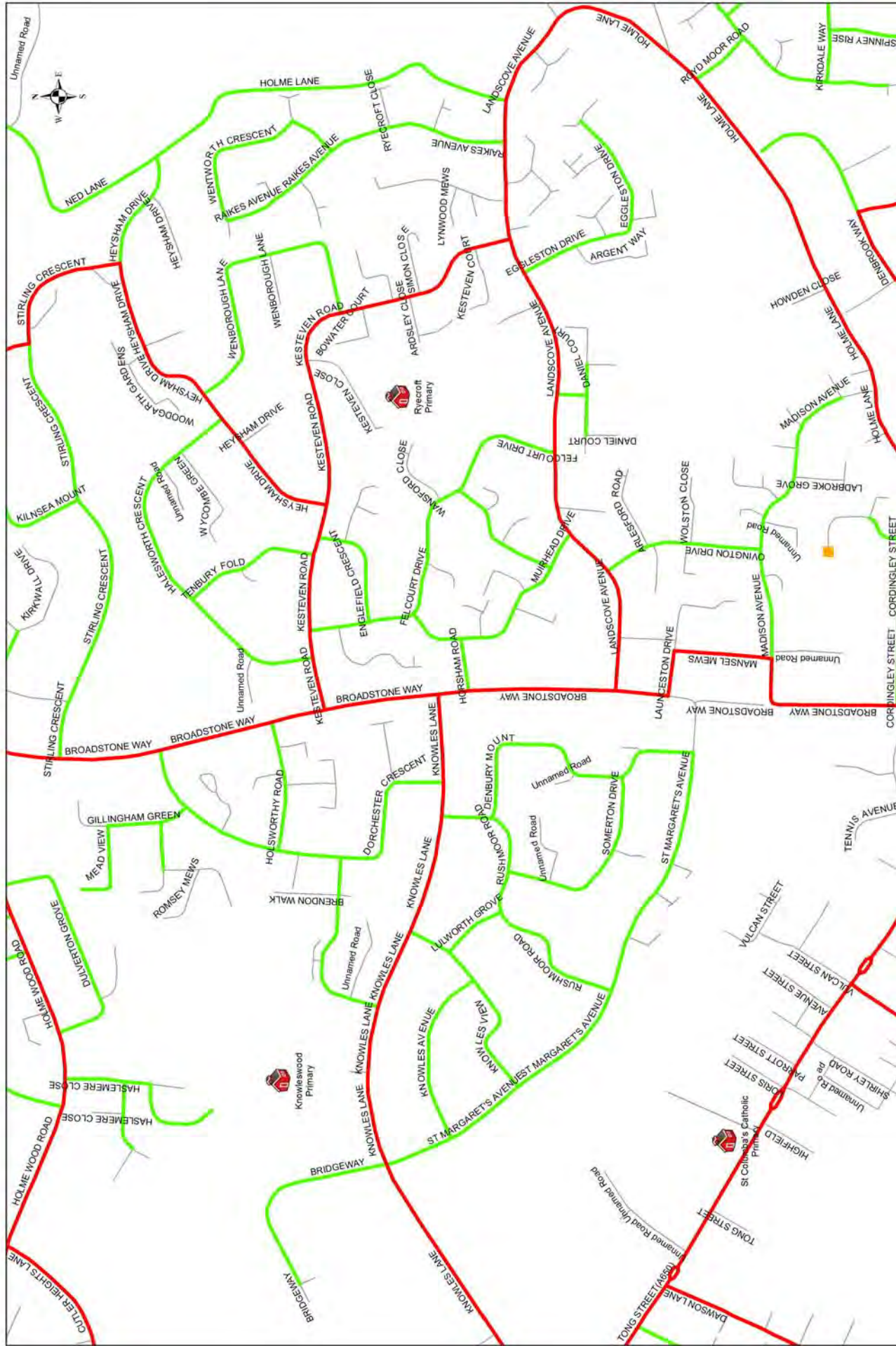
P2 W3 Fagley











Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W4 Holmewood 2

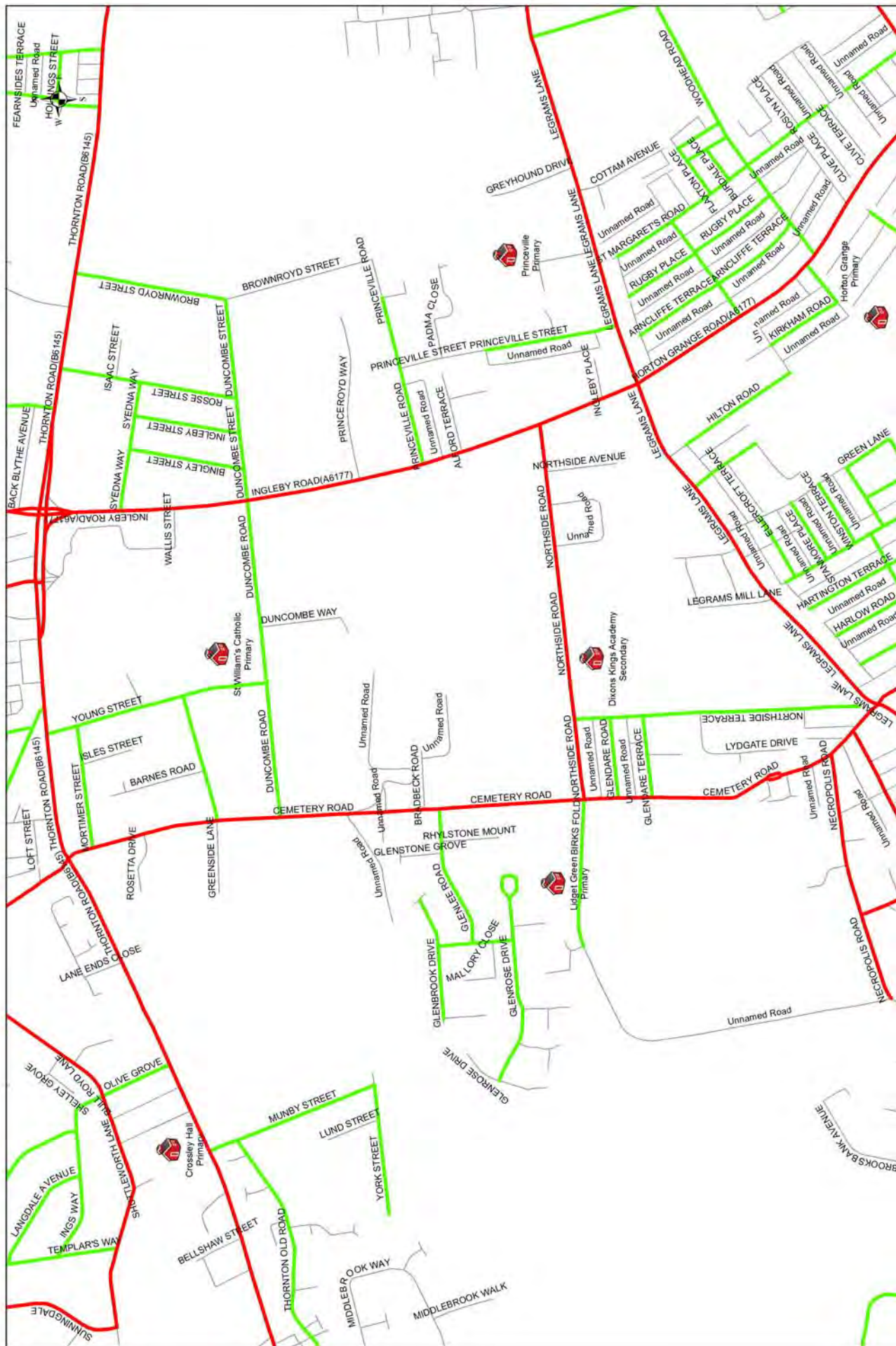






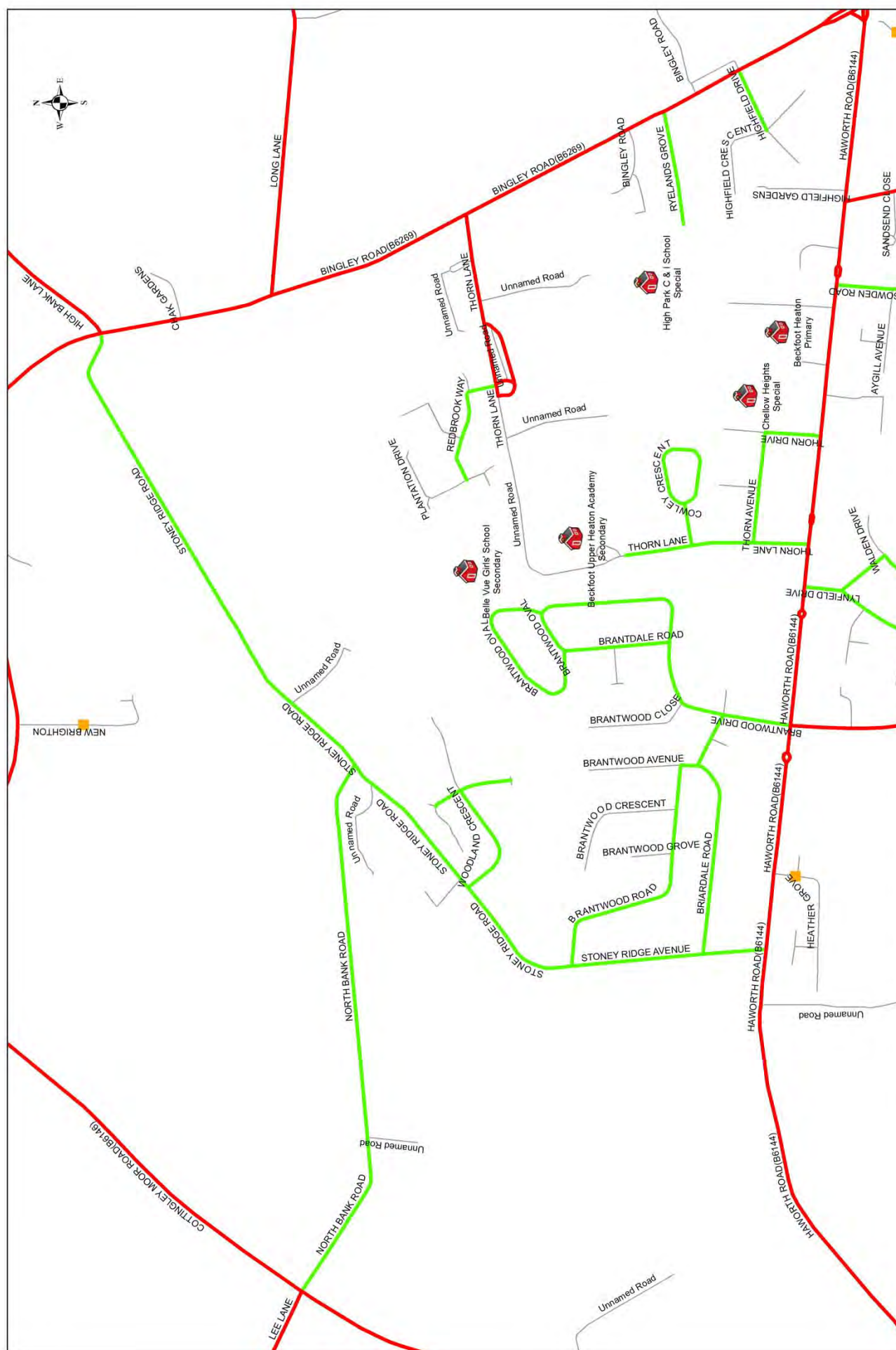
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W4 East Bowling





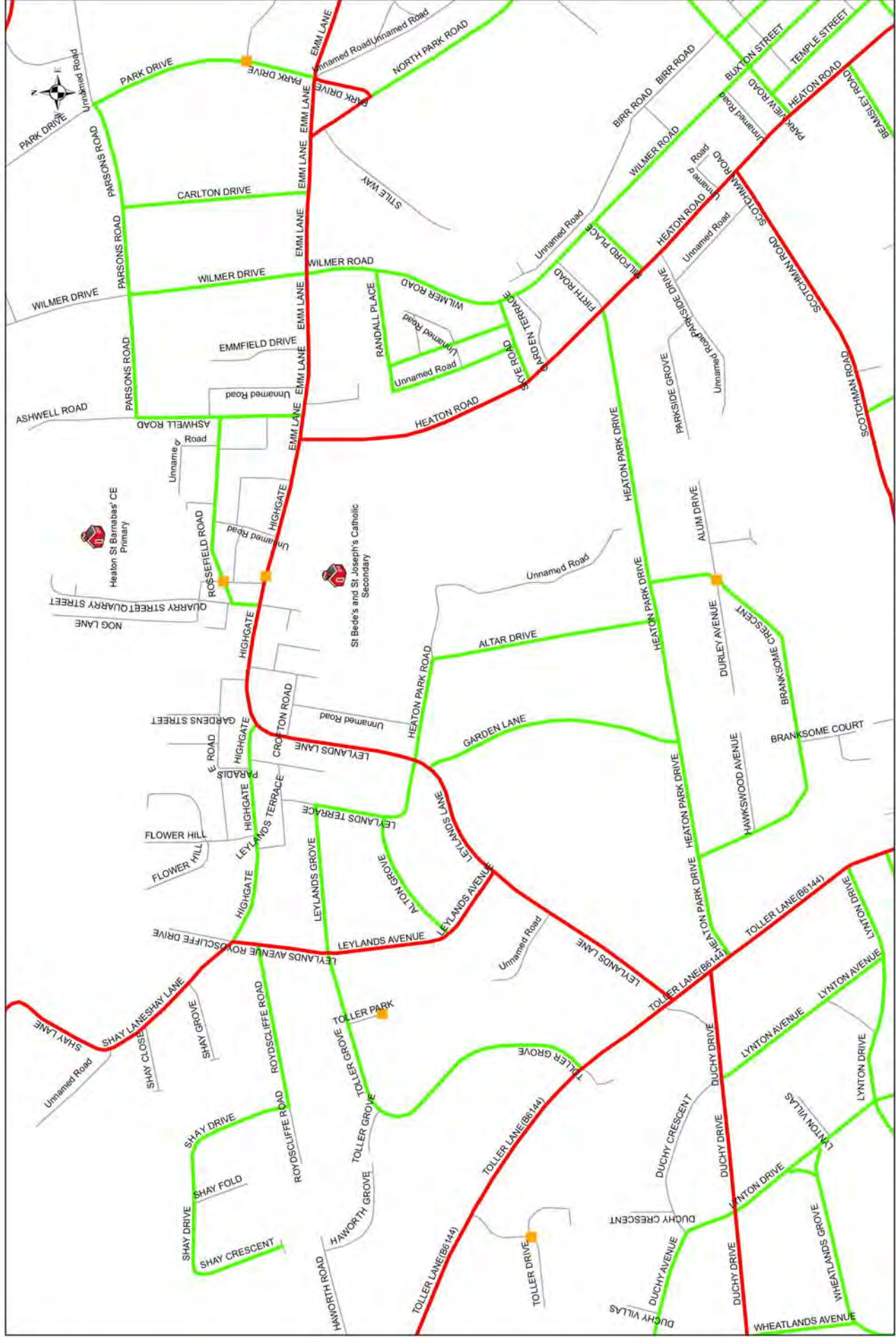
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W5 Lidget Green





Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

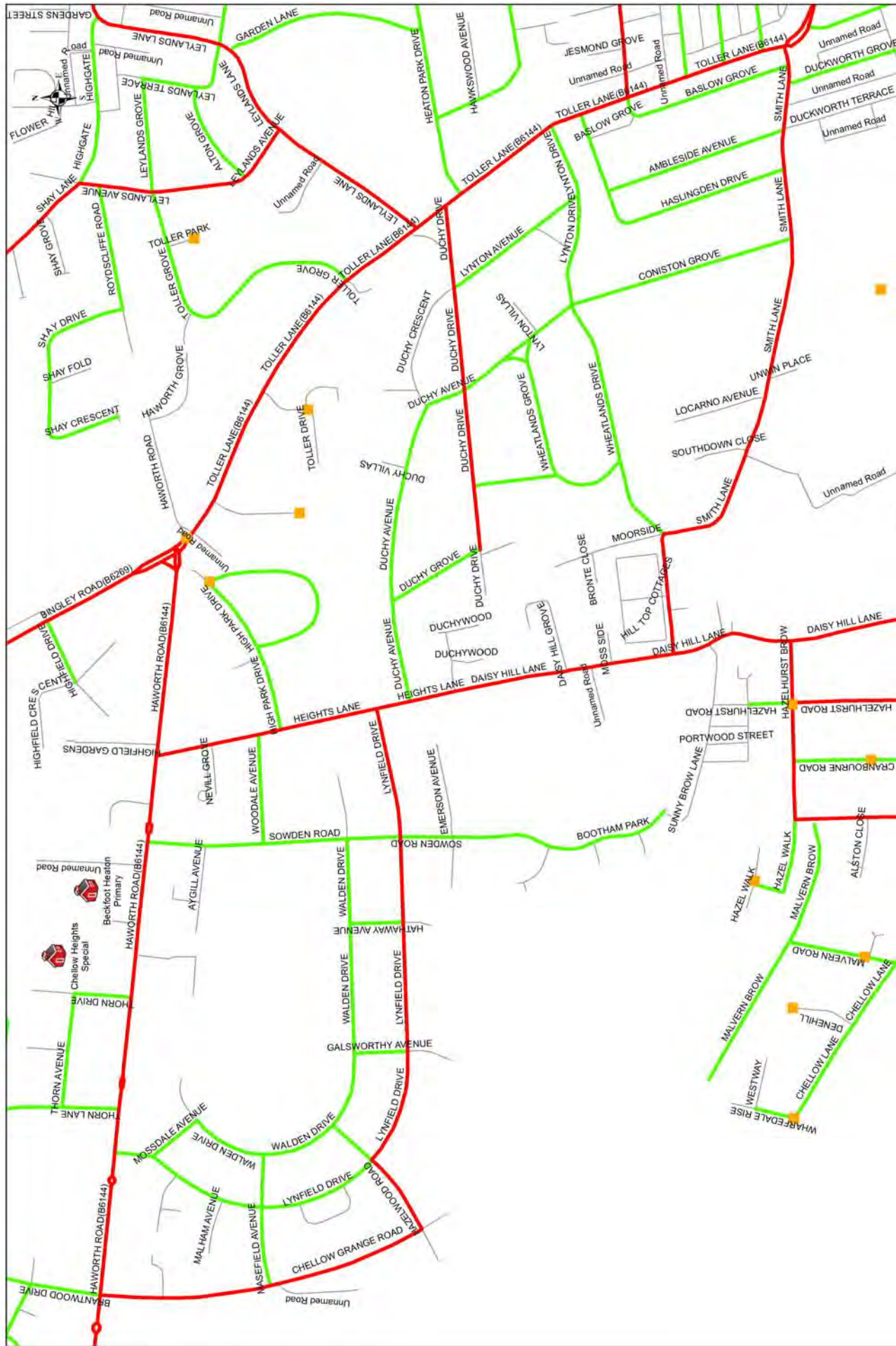
P2 W5 Heaton 1



Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W5 Heaton 2





Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W5 Chellow Dene

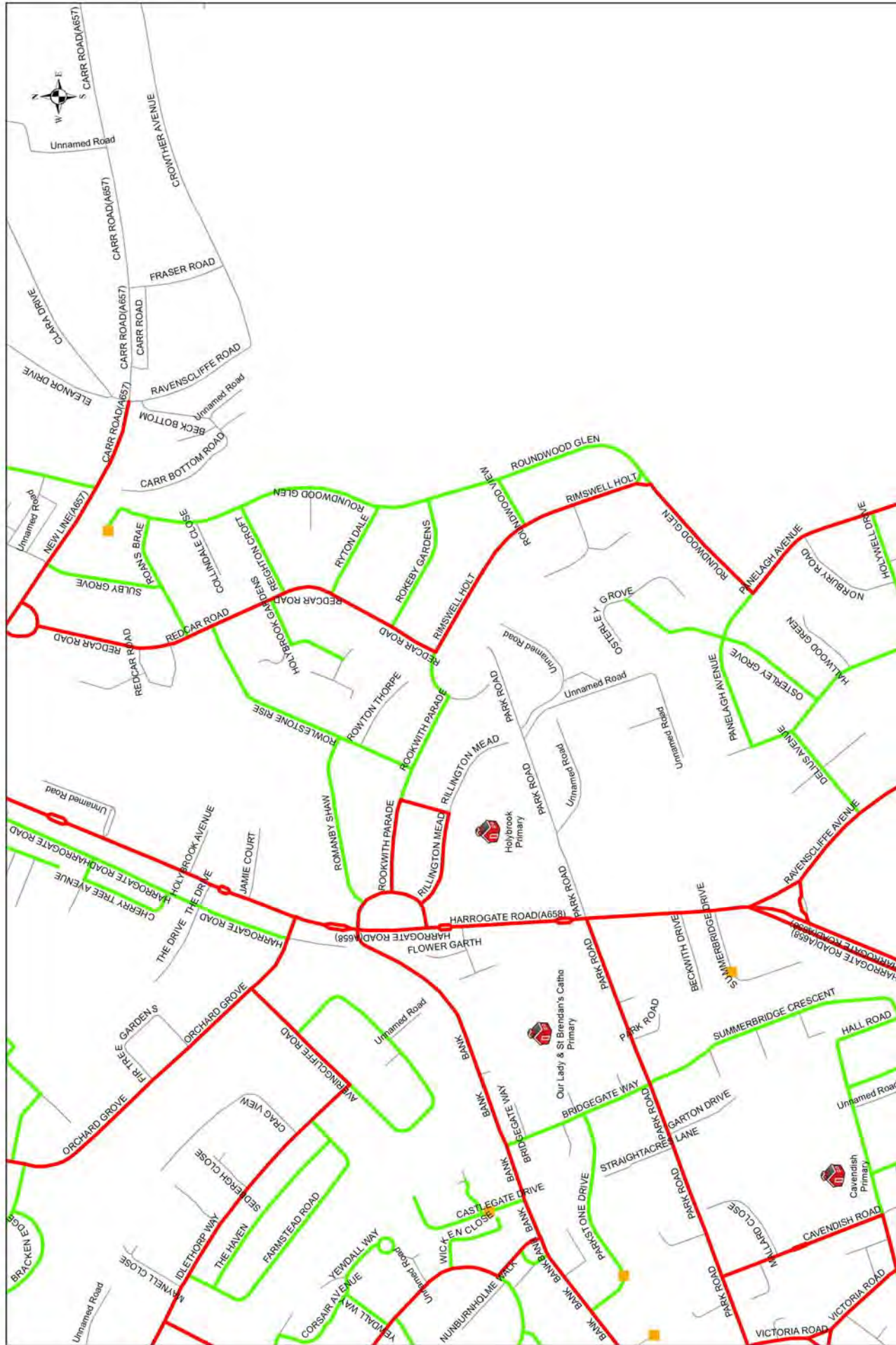




Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W5 Girlington



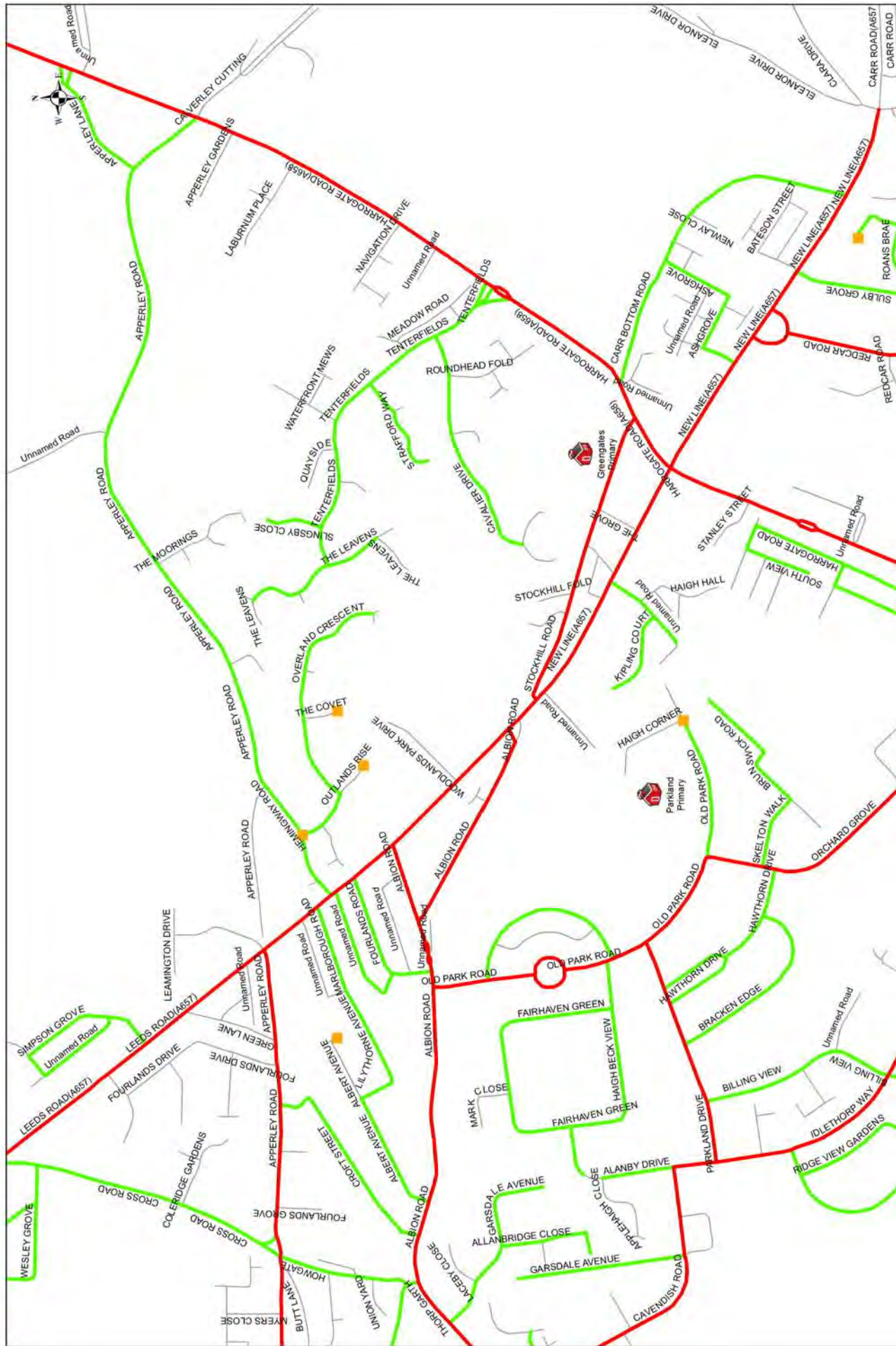


Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W6 Ravenscliffe 1



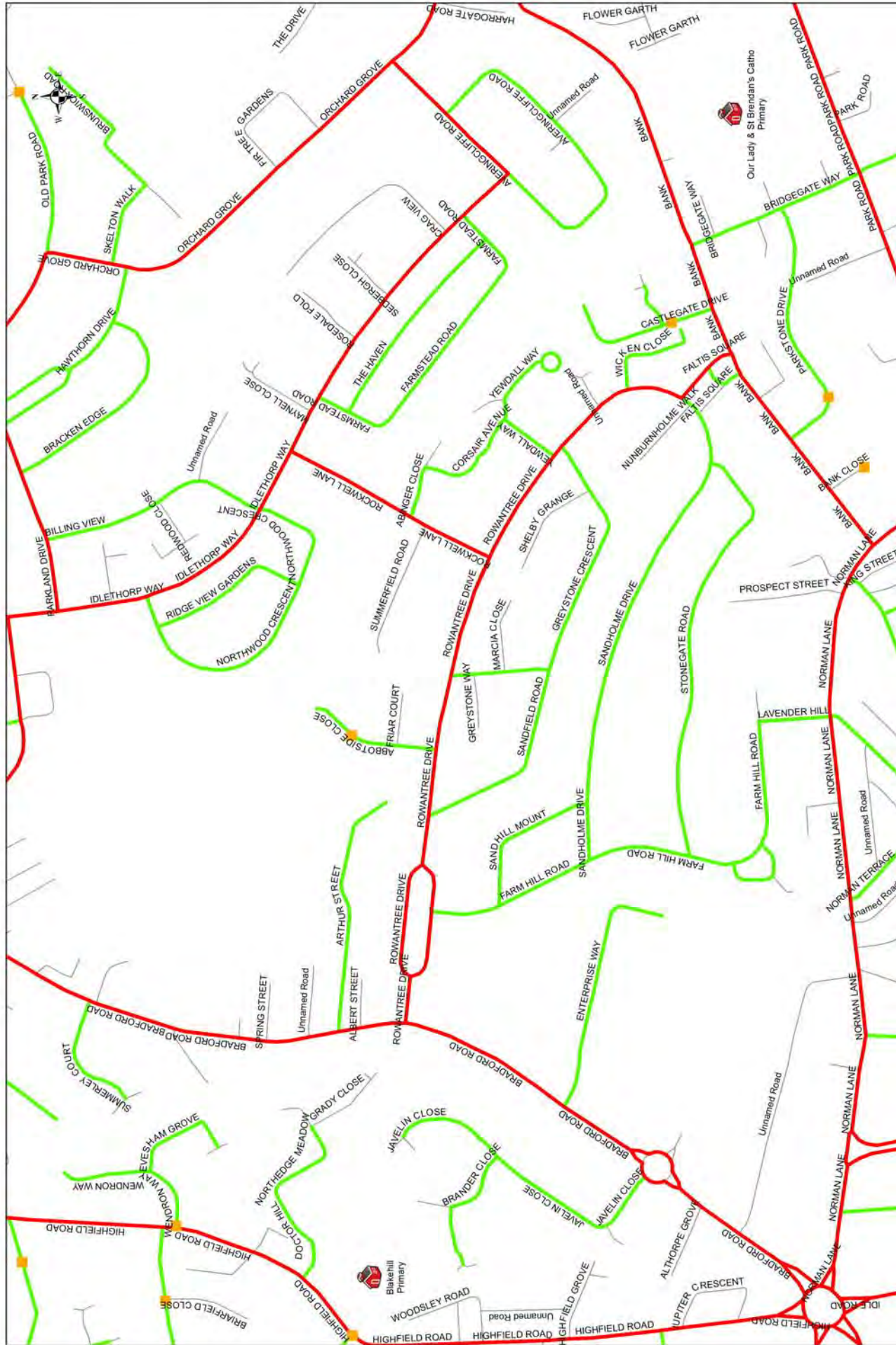
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W6 Ravenscliffe 2





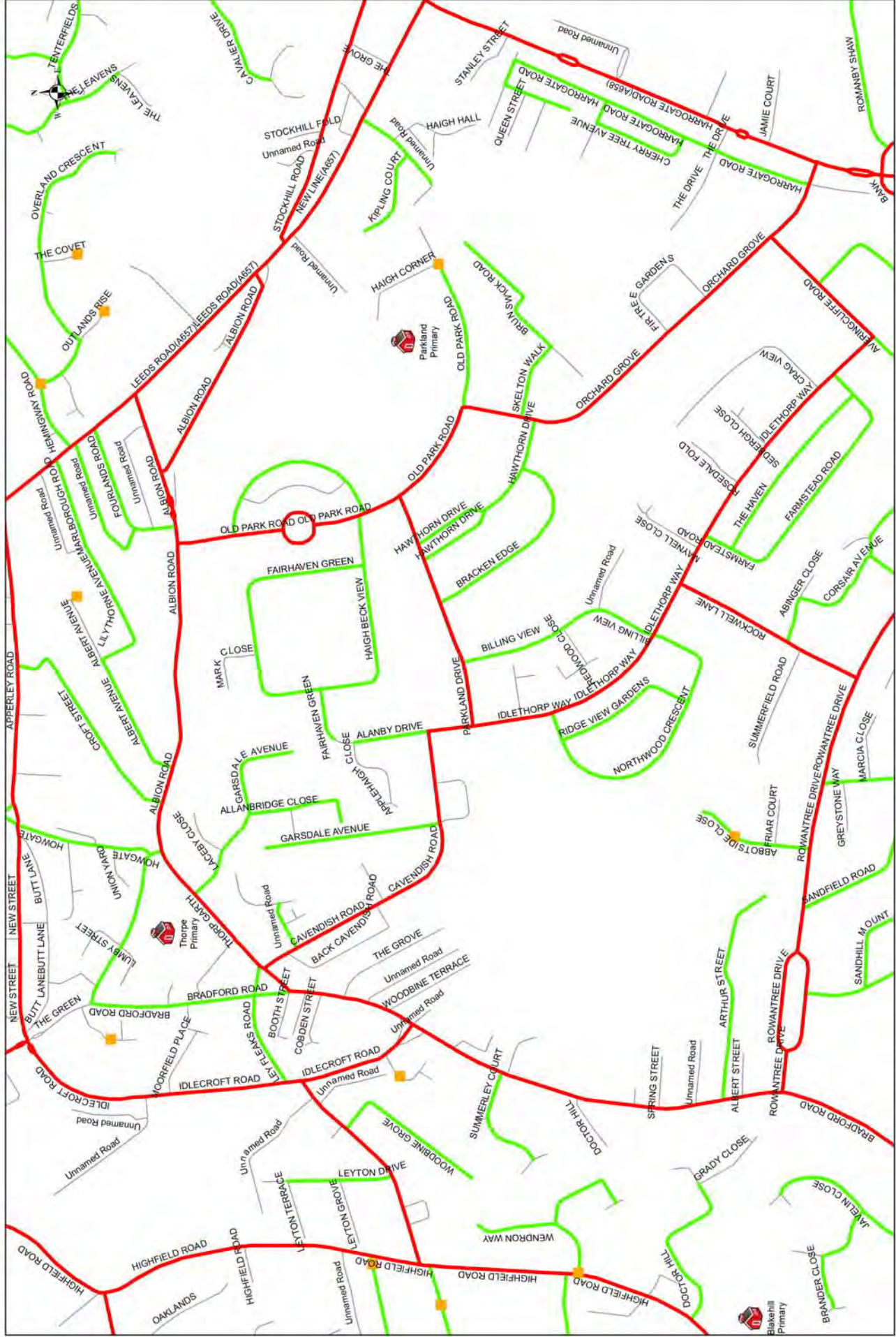
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W6 Apperley Bridge





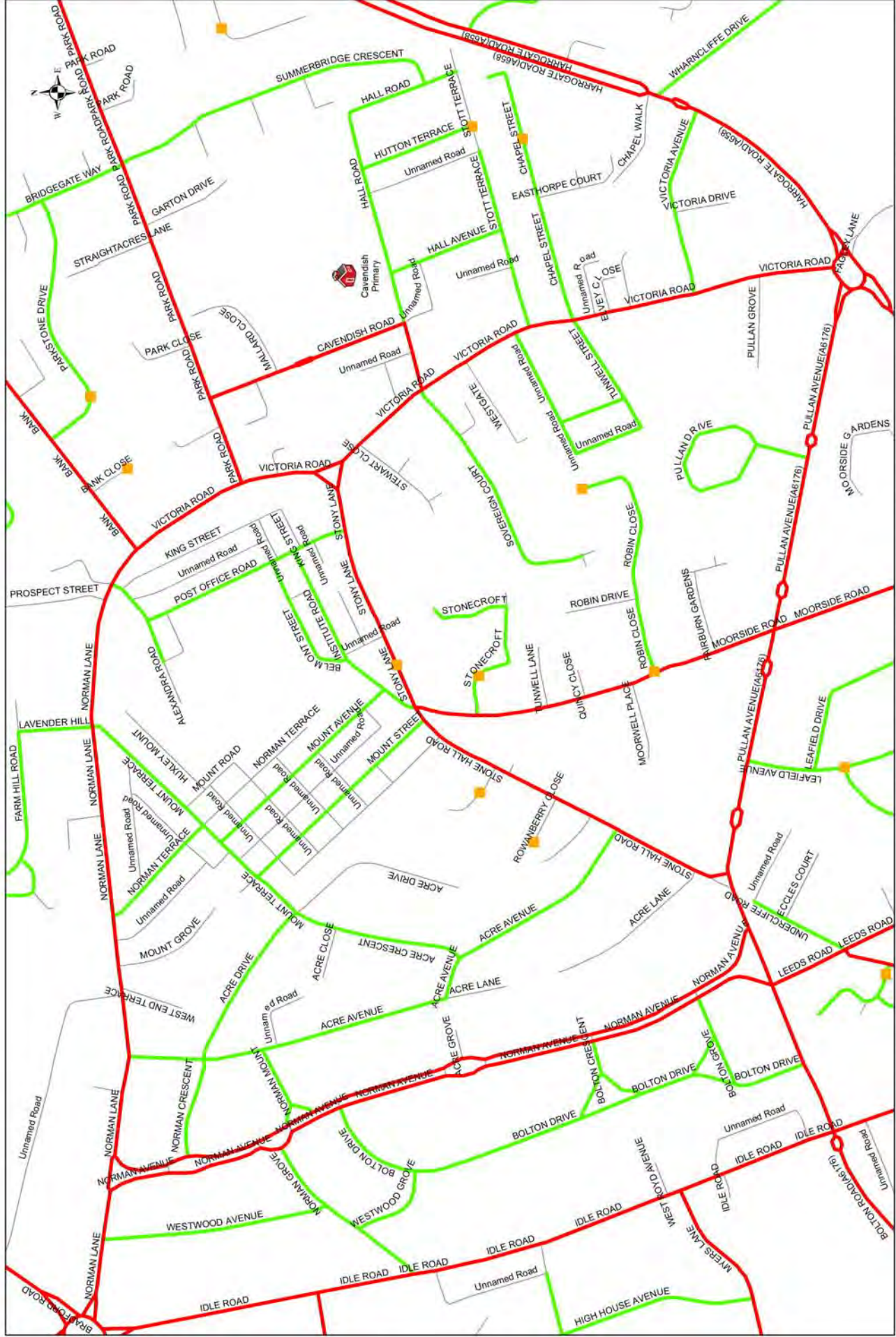
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W6 Thorpe Edge 1





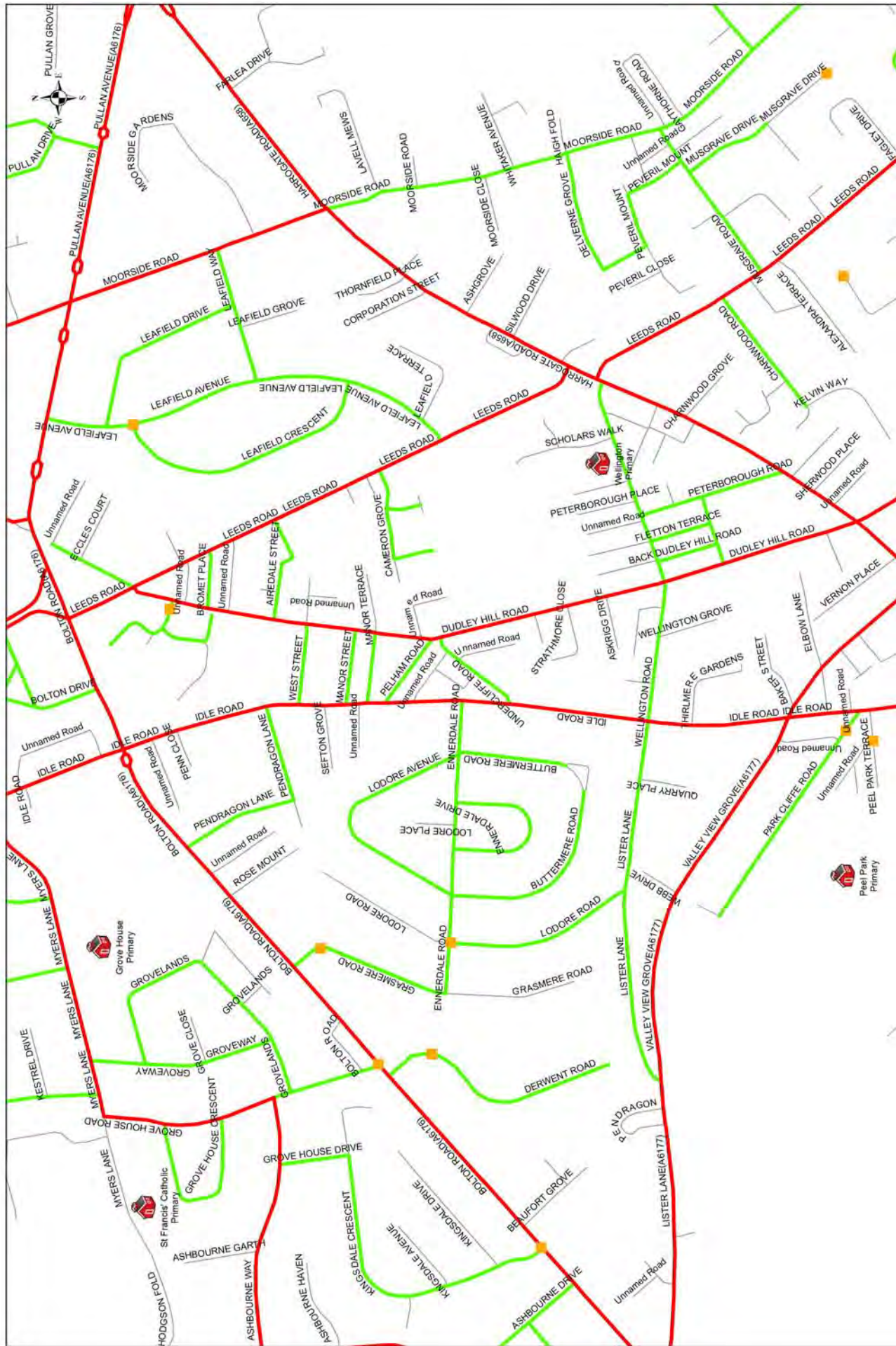
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W6 Thorpe Edge 2





Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W6 Idle

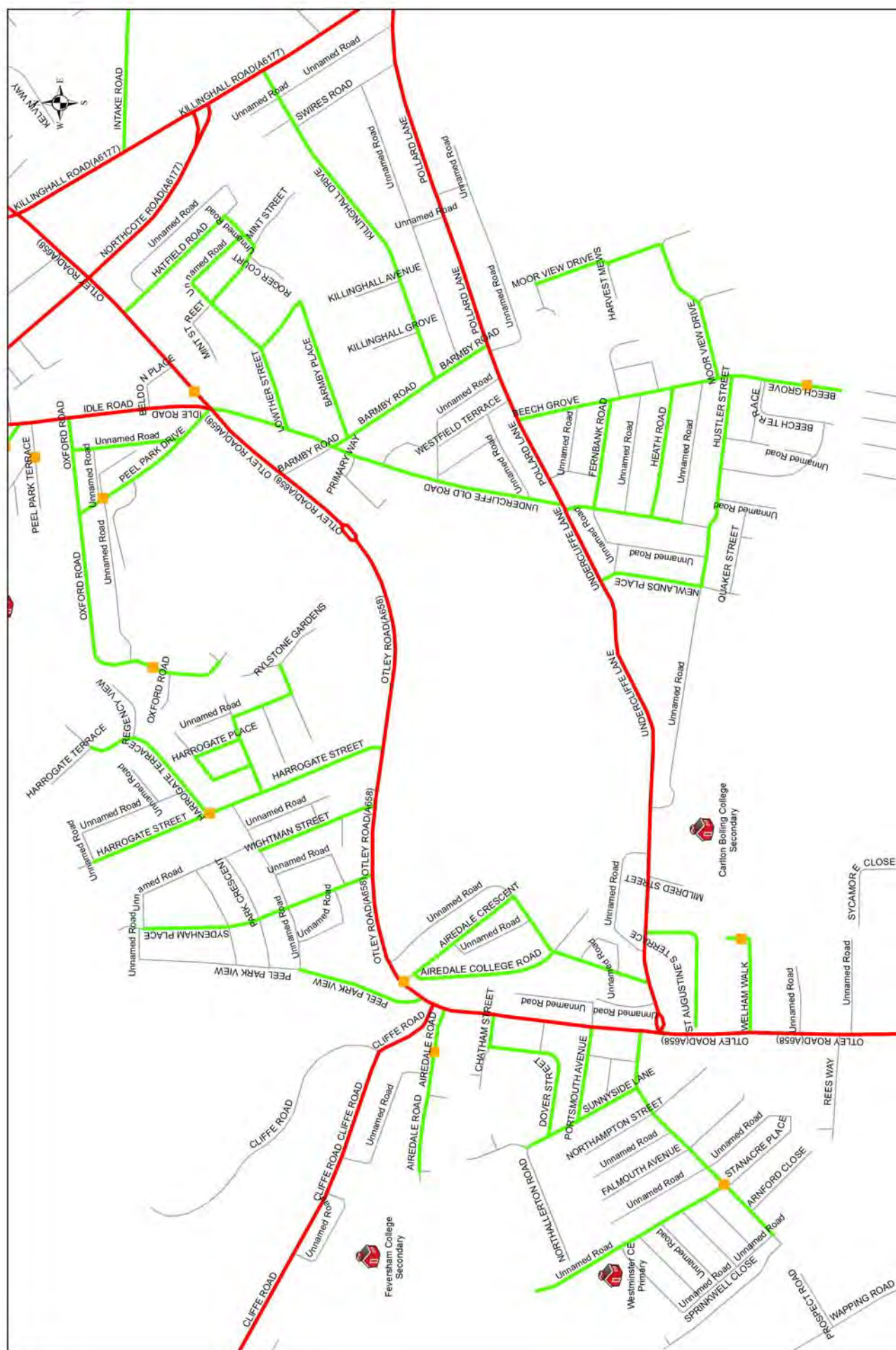




Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W6 Bolton 1





Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W6 Undercliffe





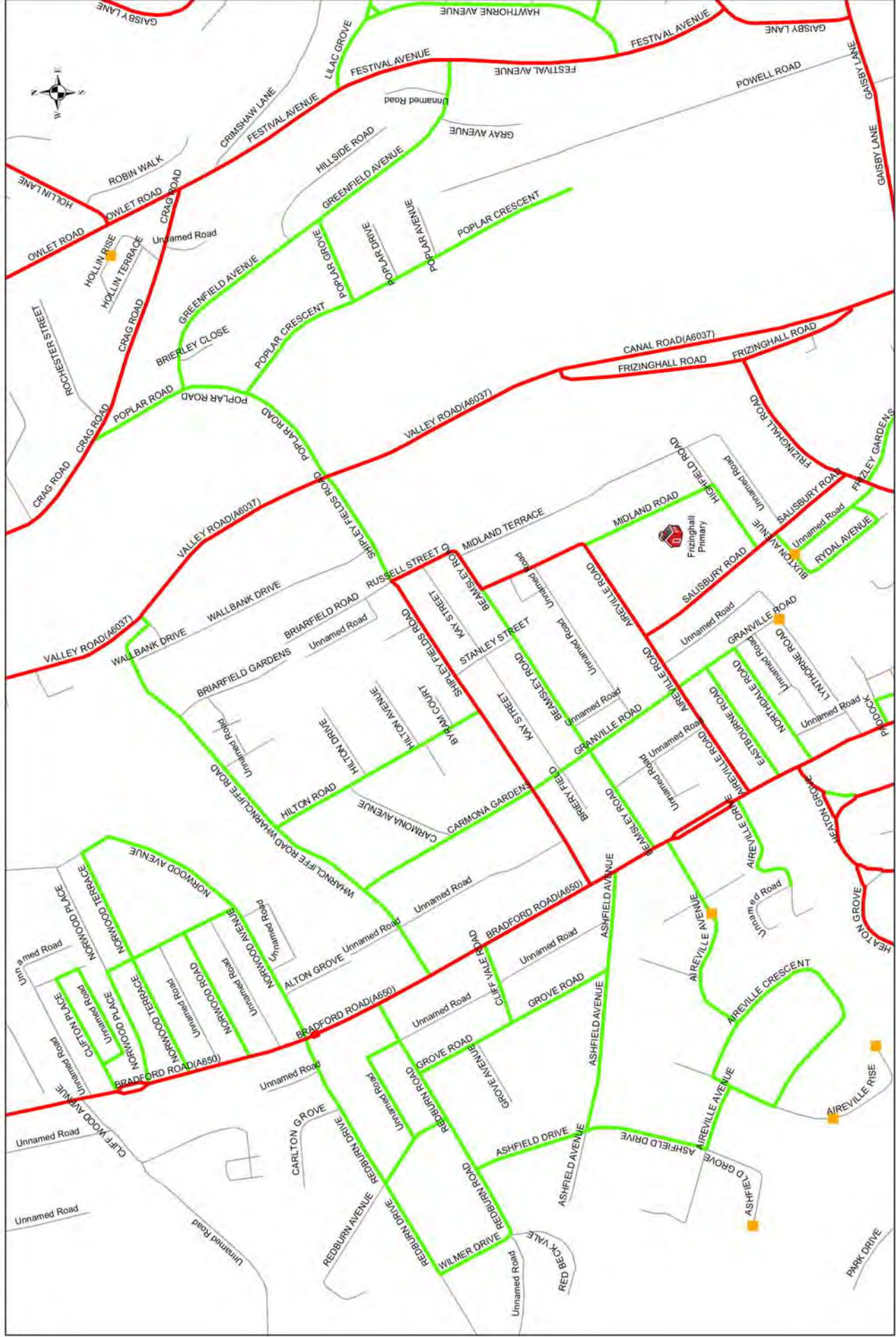
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W7 White Abbey





Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W7 Manningham 1



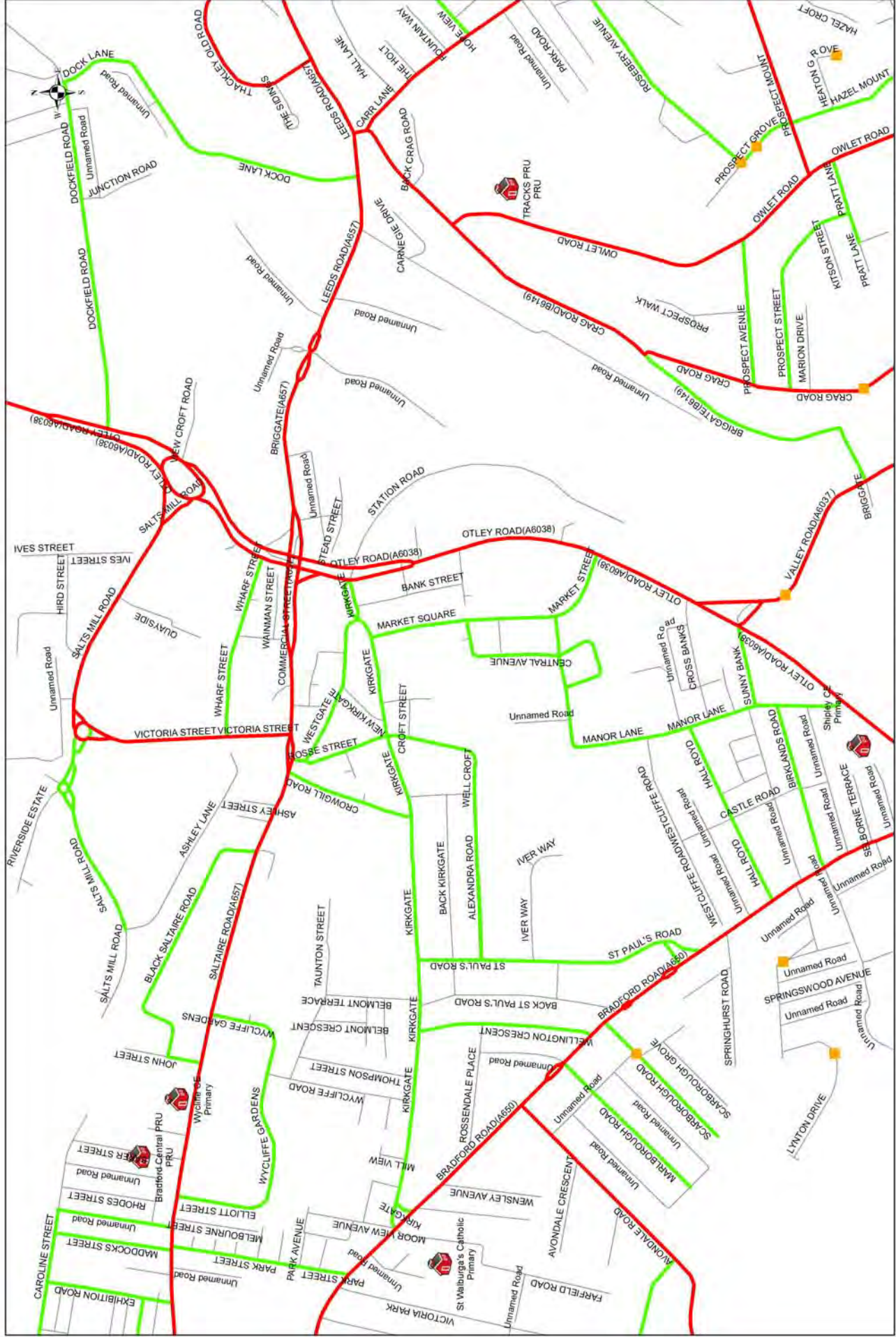


Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W7 Frizinghall 1



Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W7 Frizinghall 2

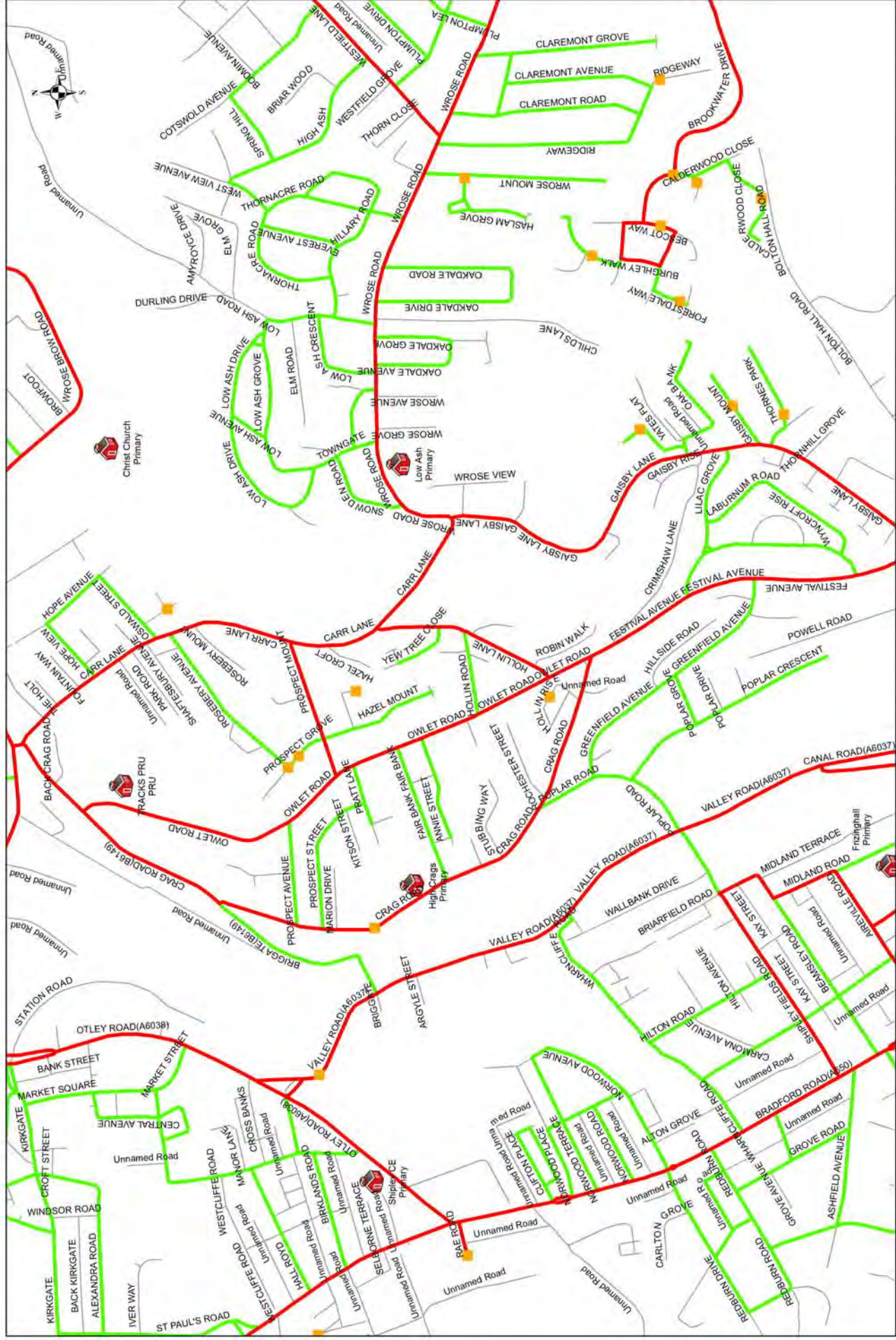




Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

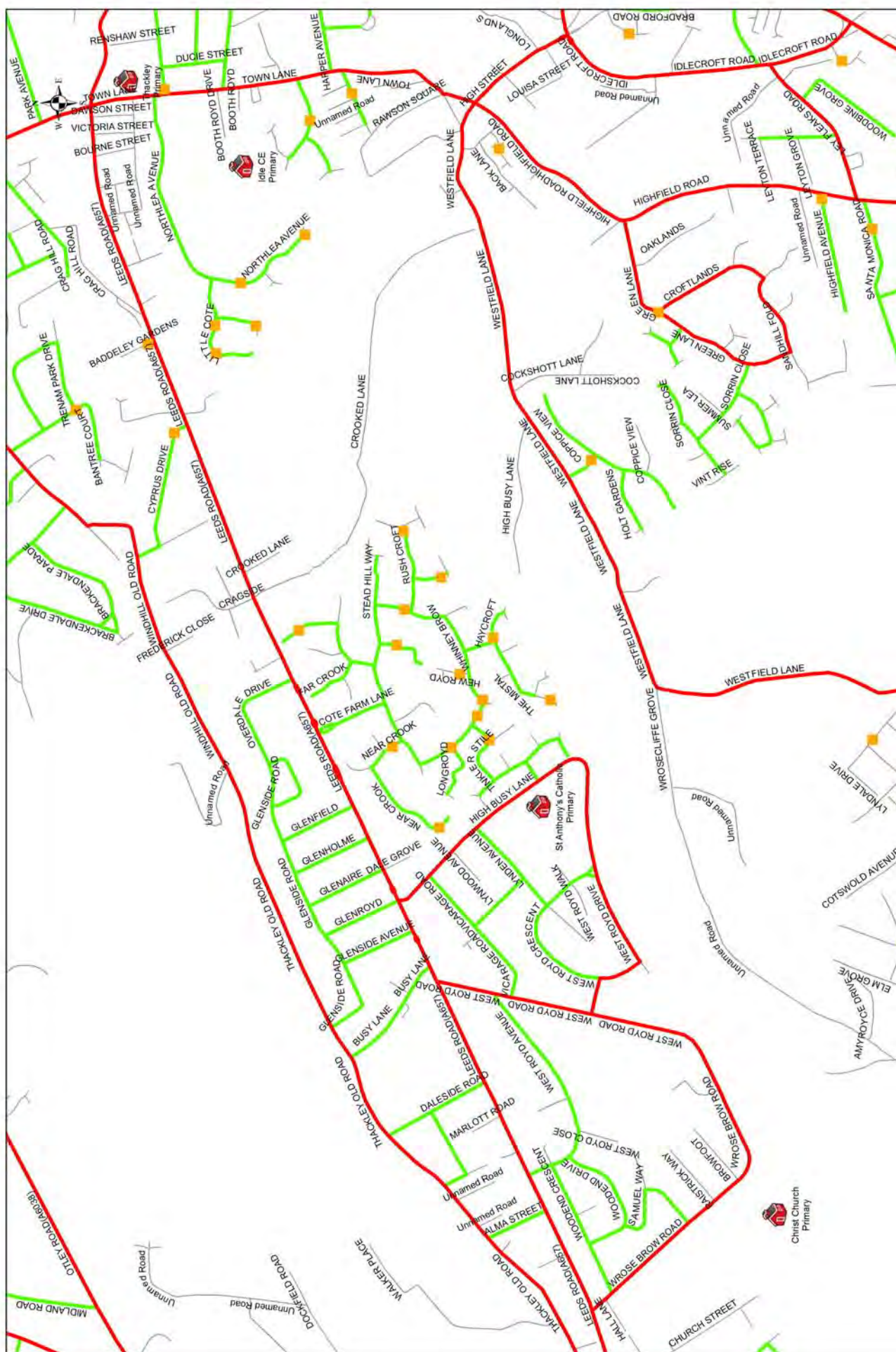
P2 W7 Shipley





Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W8 Owlett

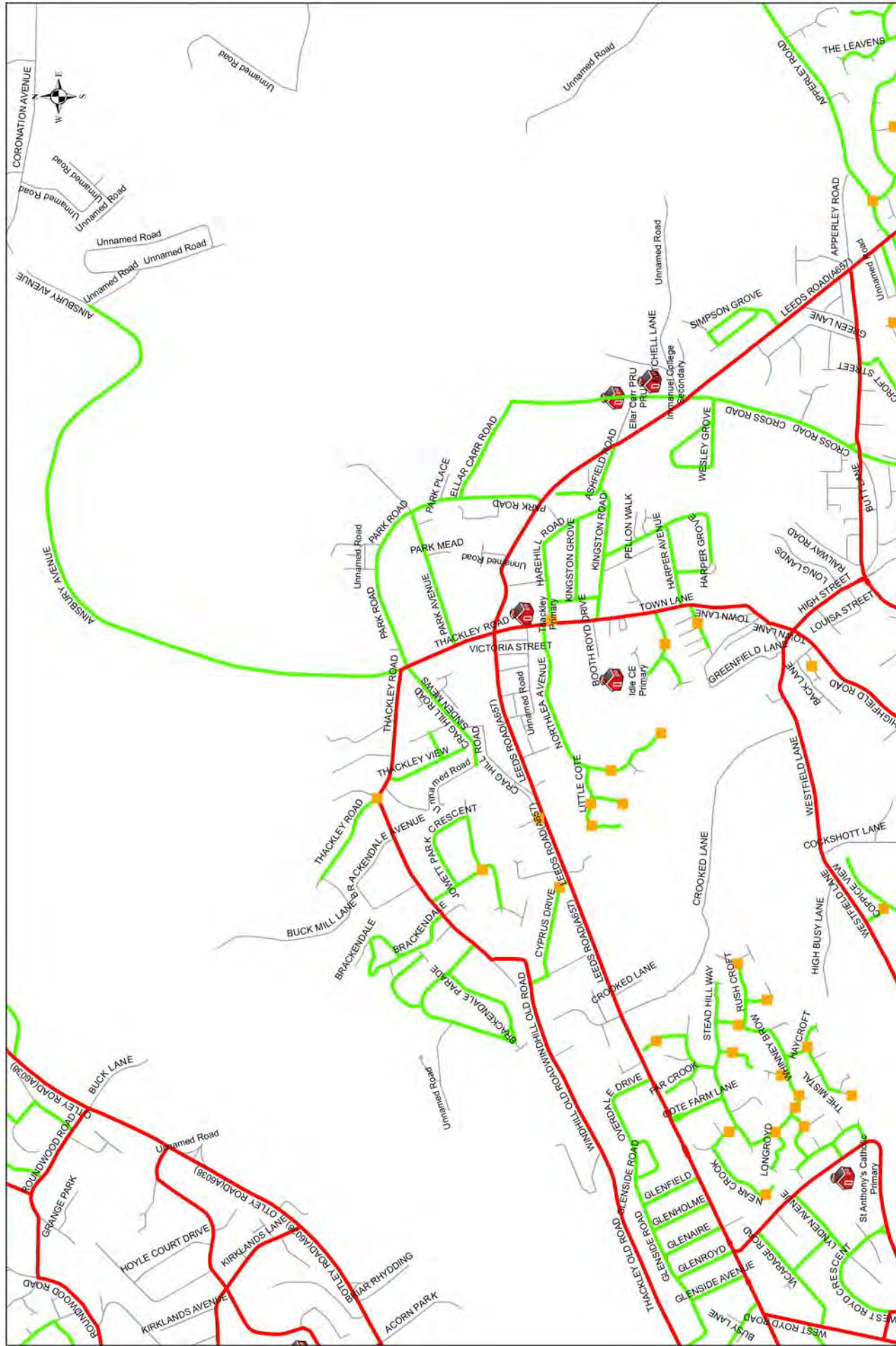




Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W8 Thackley 1

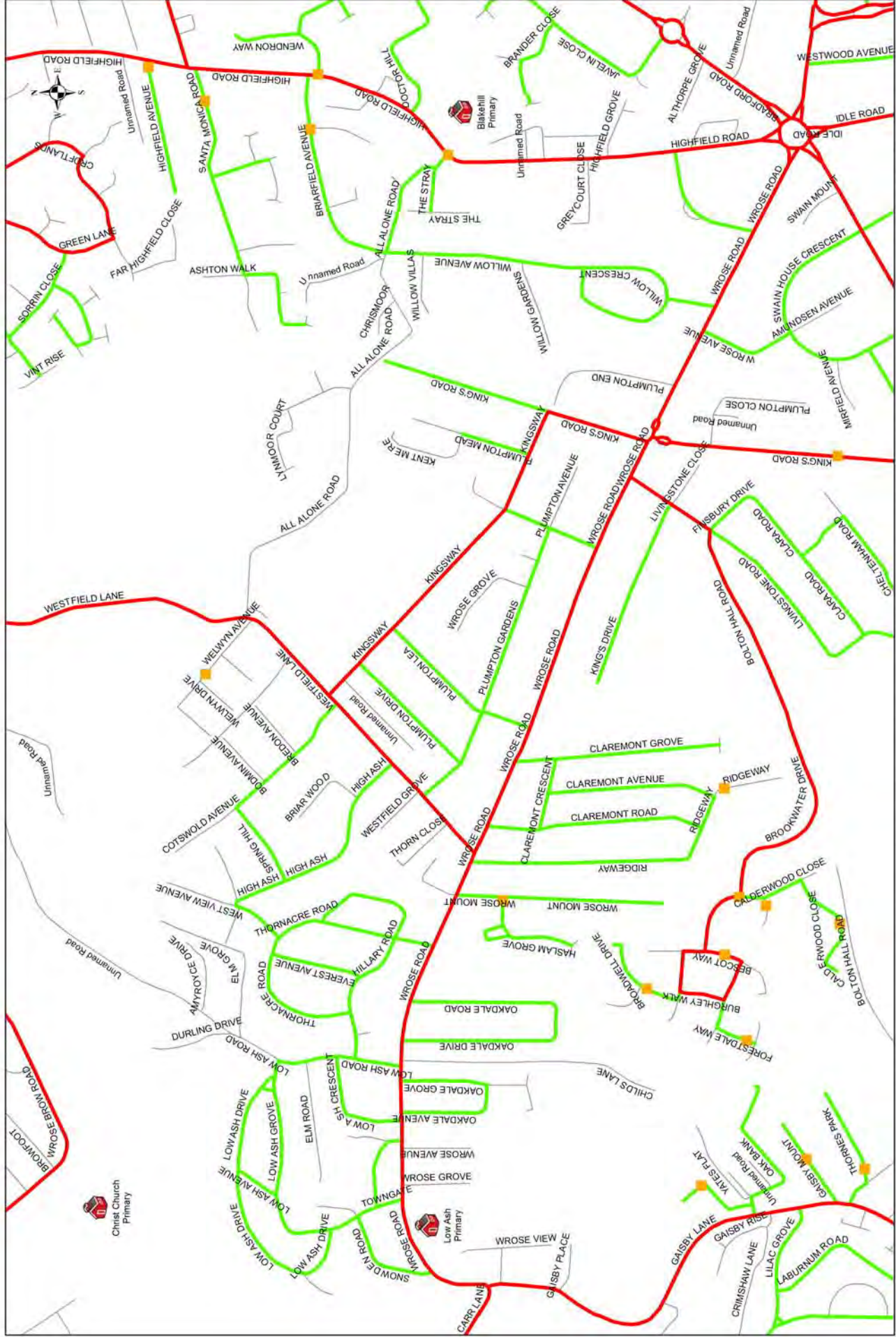




Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W8 Thackley 2

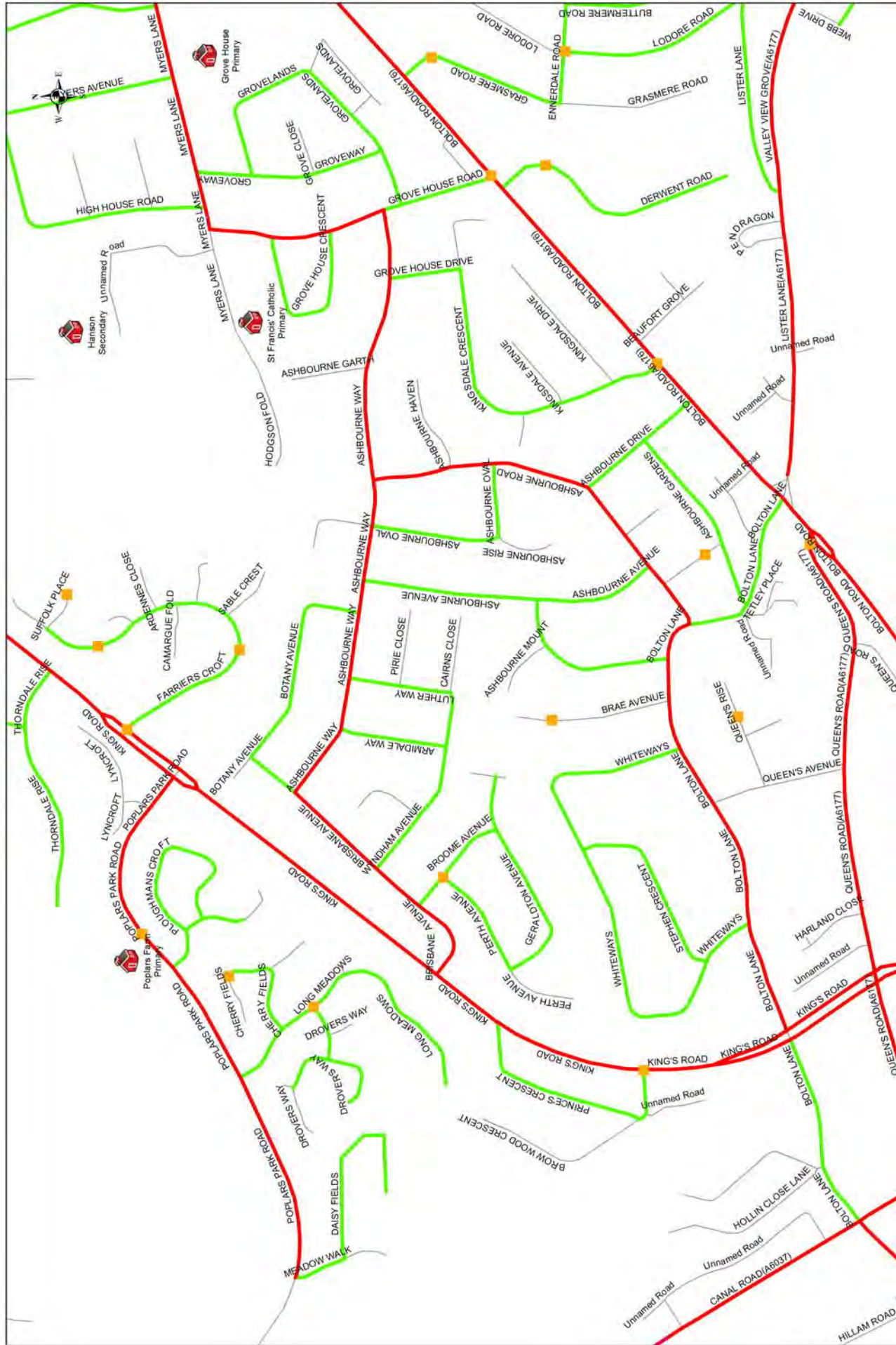




Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W8 Wrose





Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W8 Swaine House 1





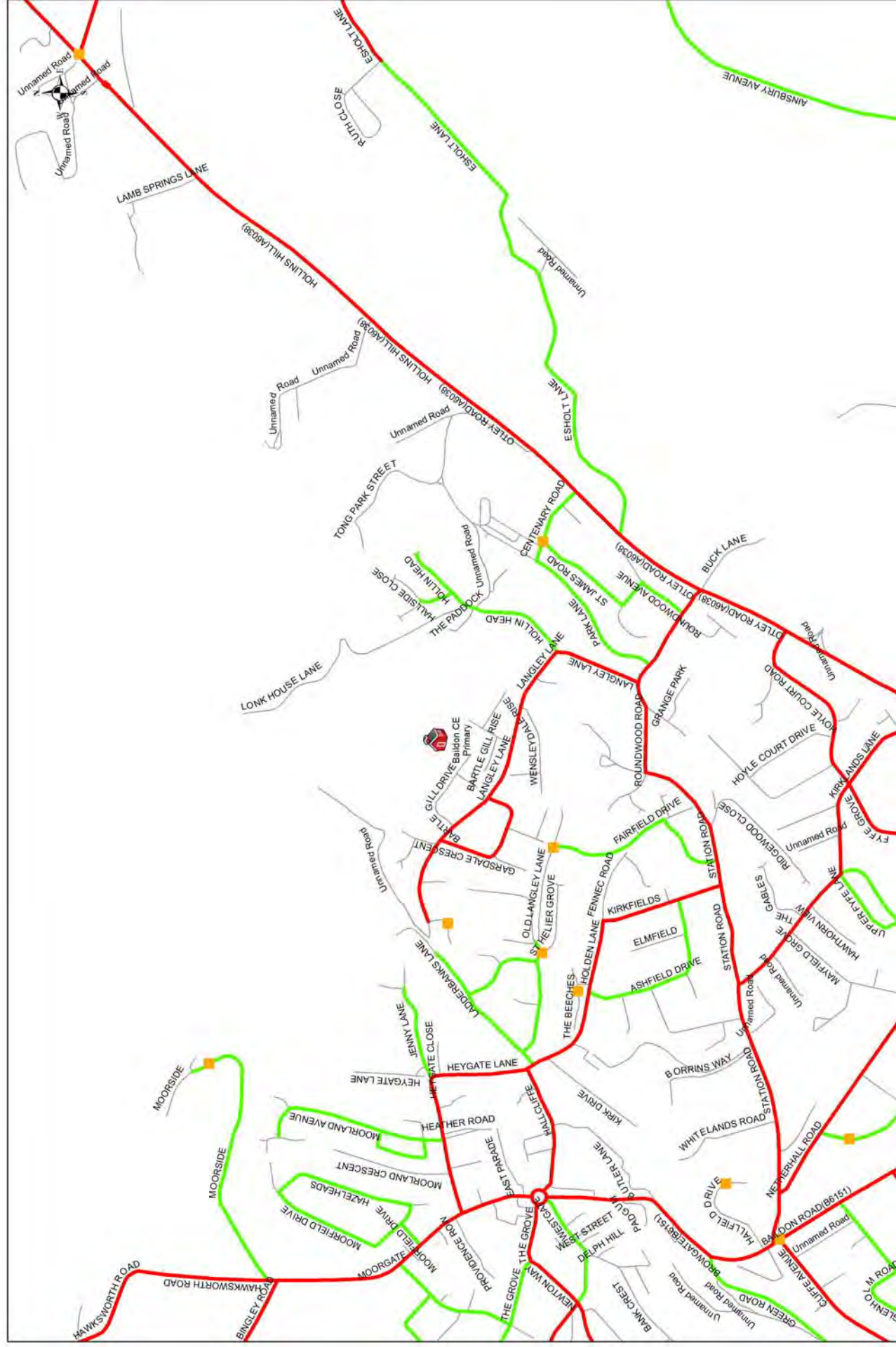
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W8 Swaine House 2



Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W9 Baildon 1

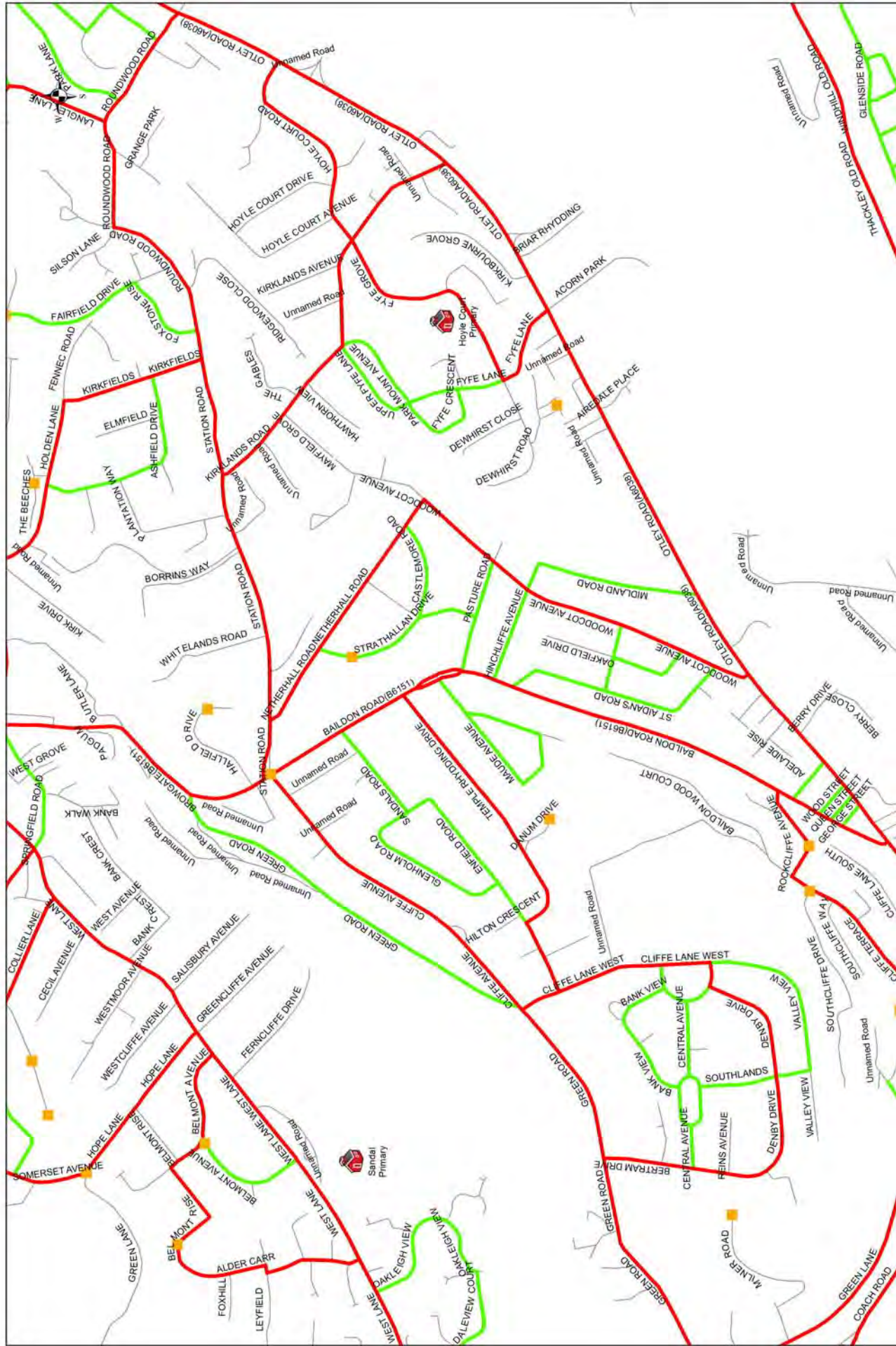




Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W9 Baildon 2





Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 W9 Baidon 3

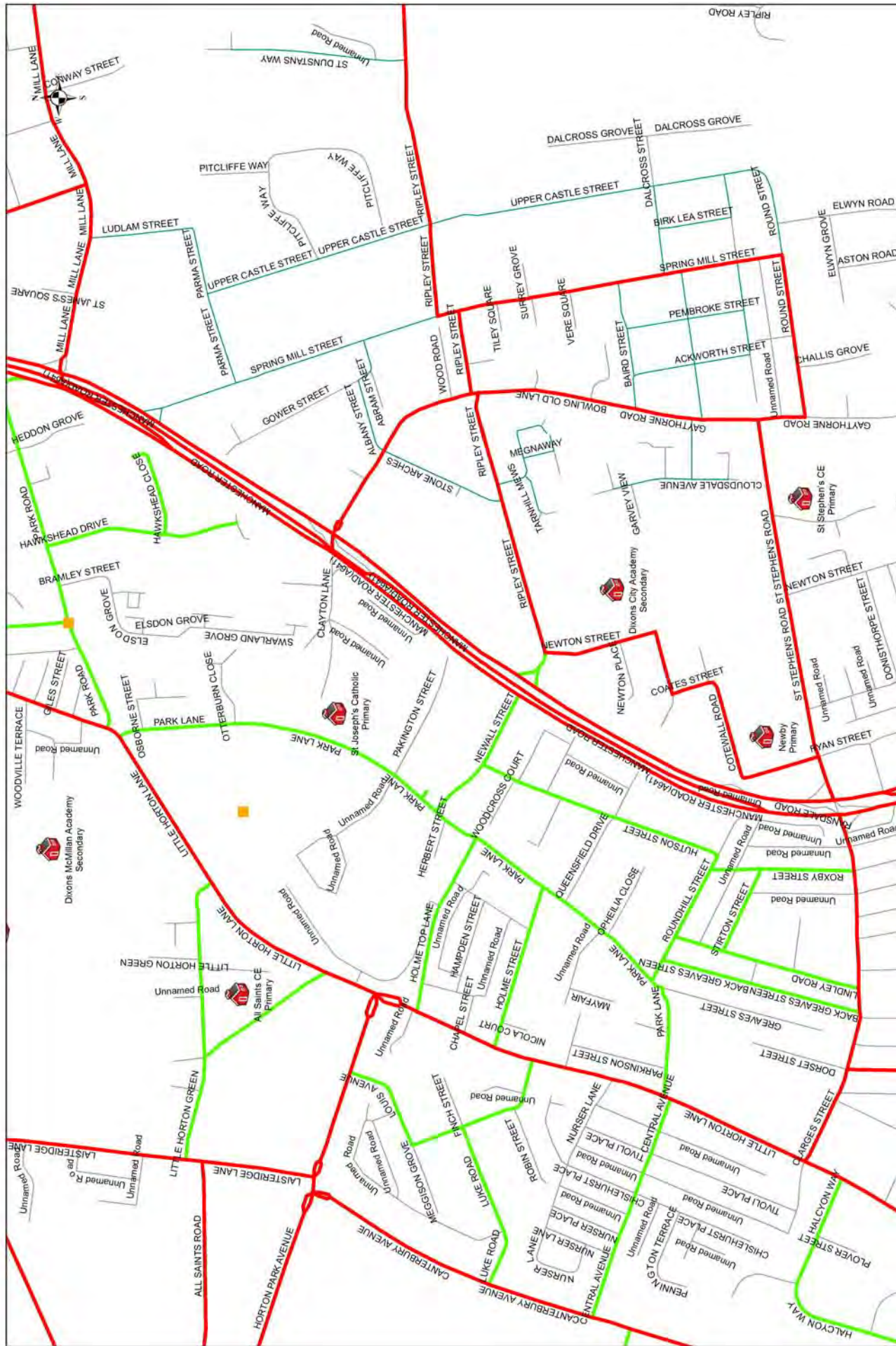




Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

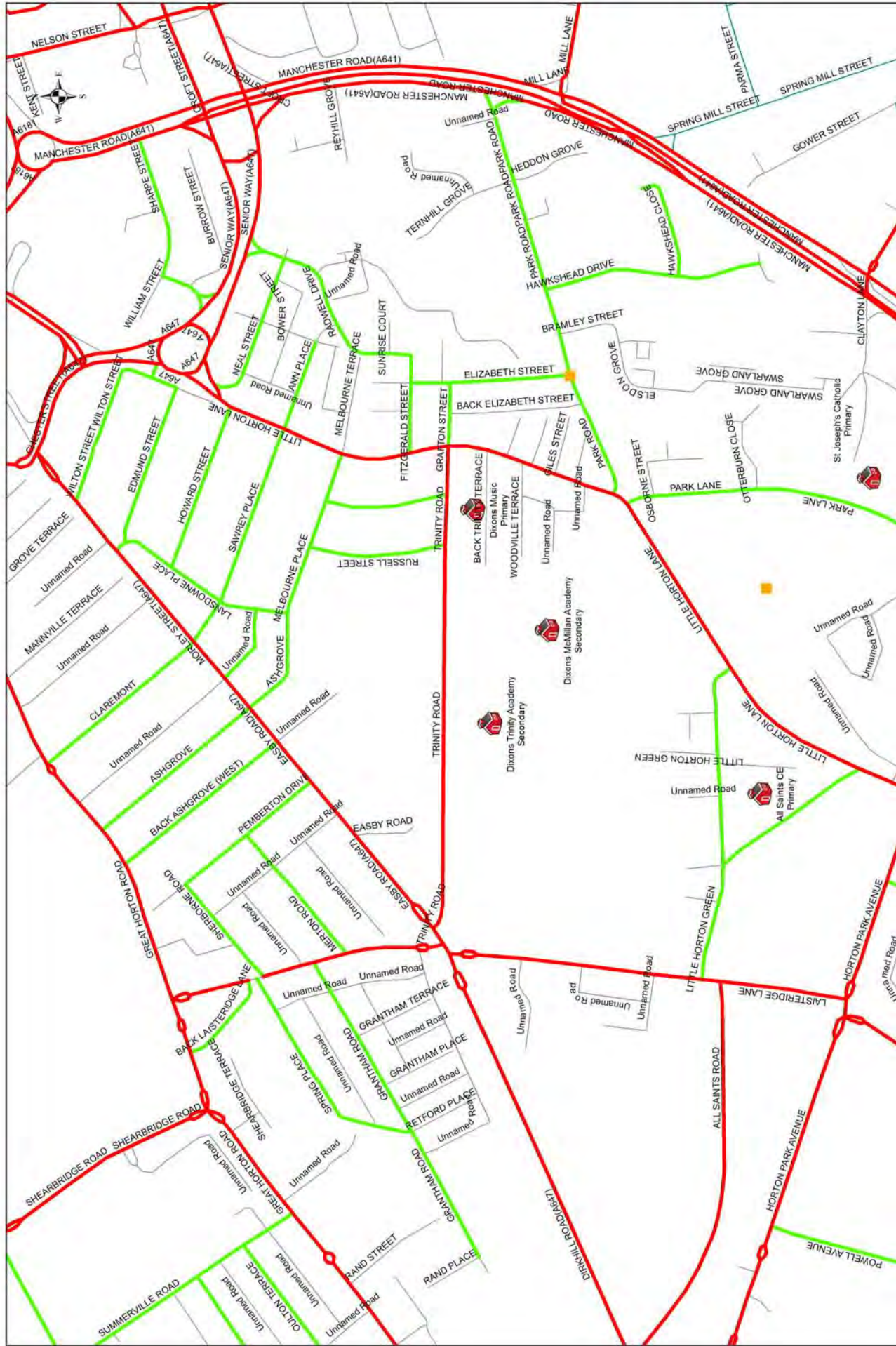
P2 W9 Baidon 4





Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W10 Little Horton





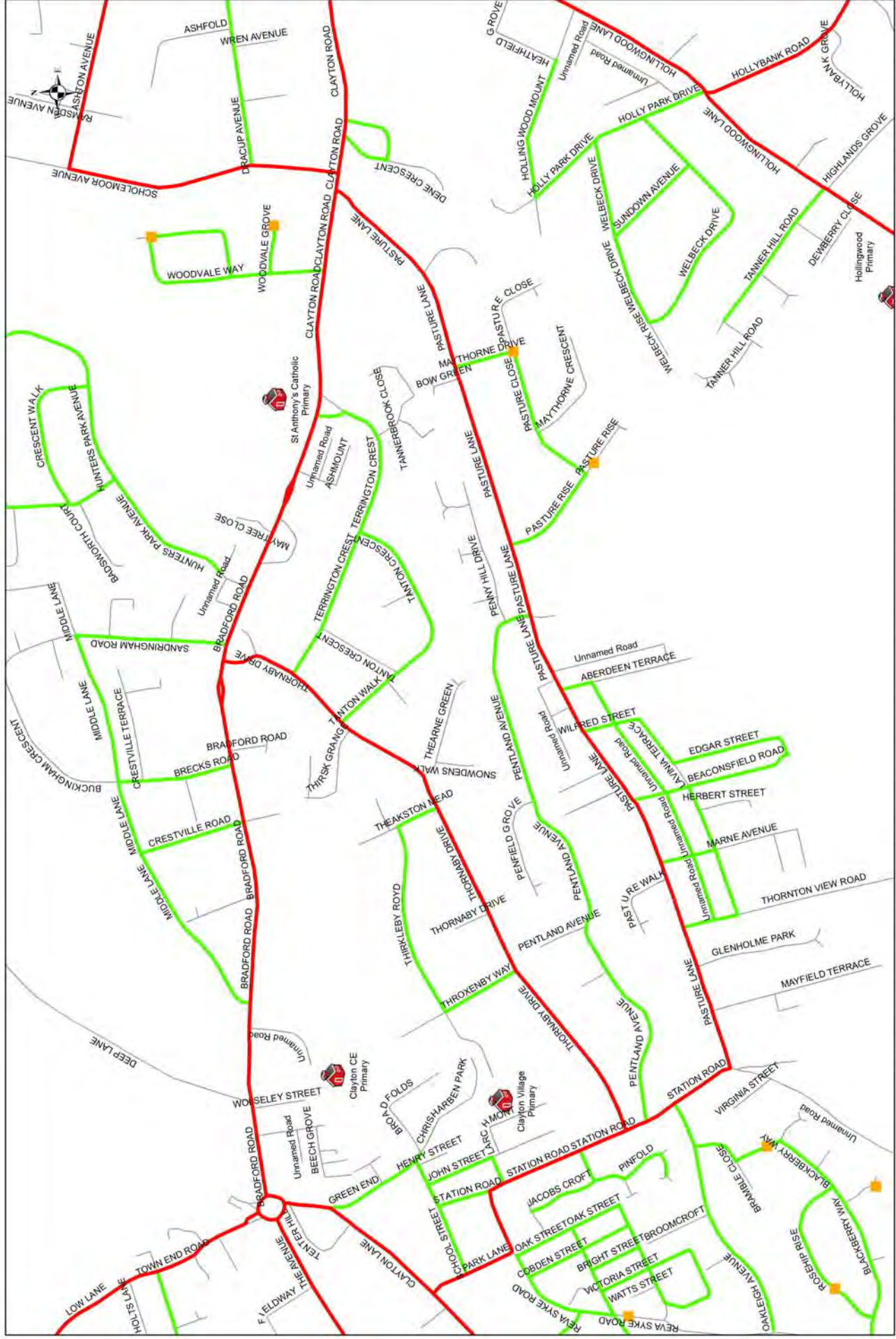
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W10 Lower Gt Horton





Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 W10 Shearbridge





Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

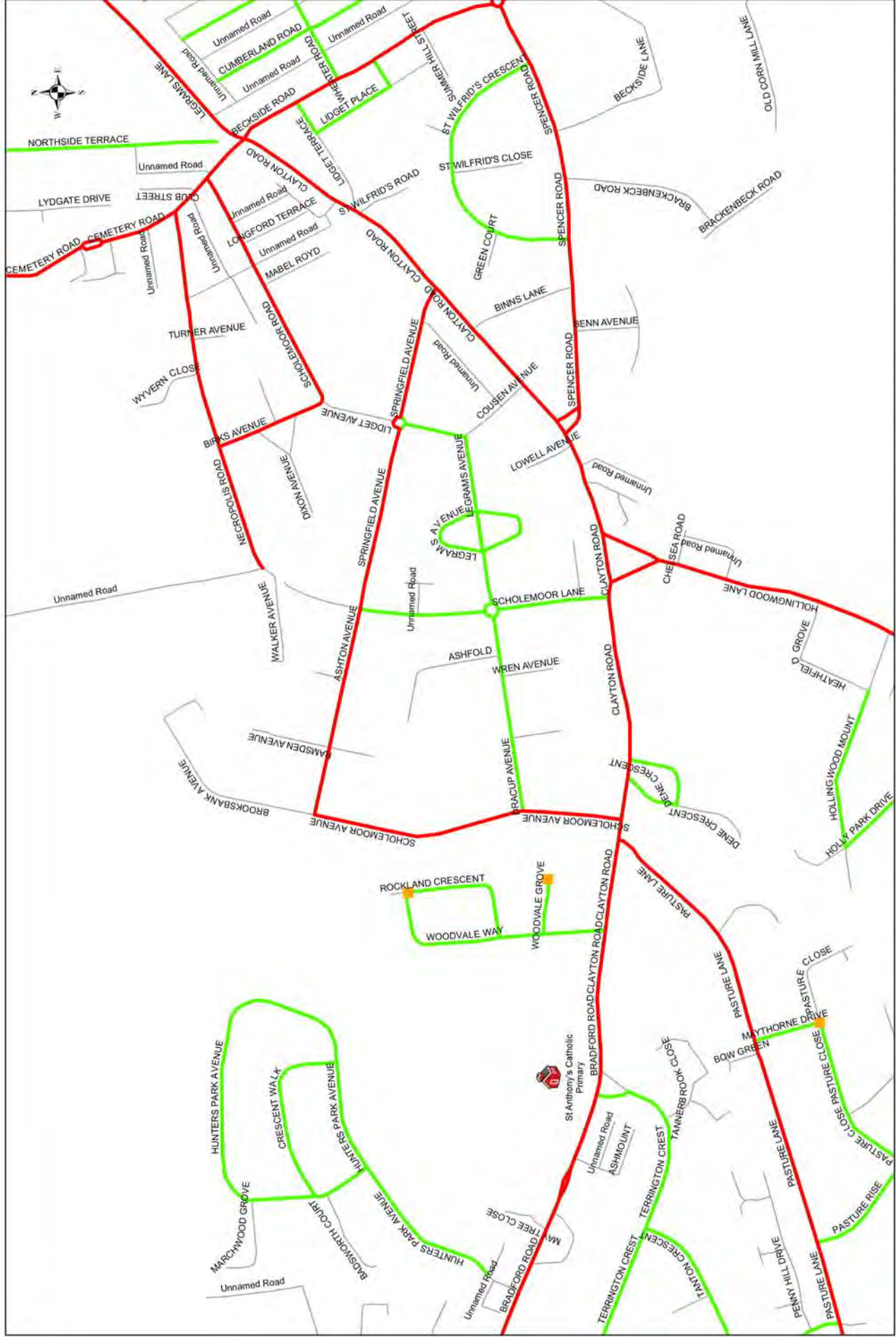
P2 Q3 Clayton 1



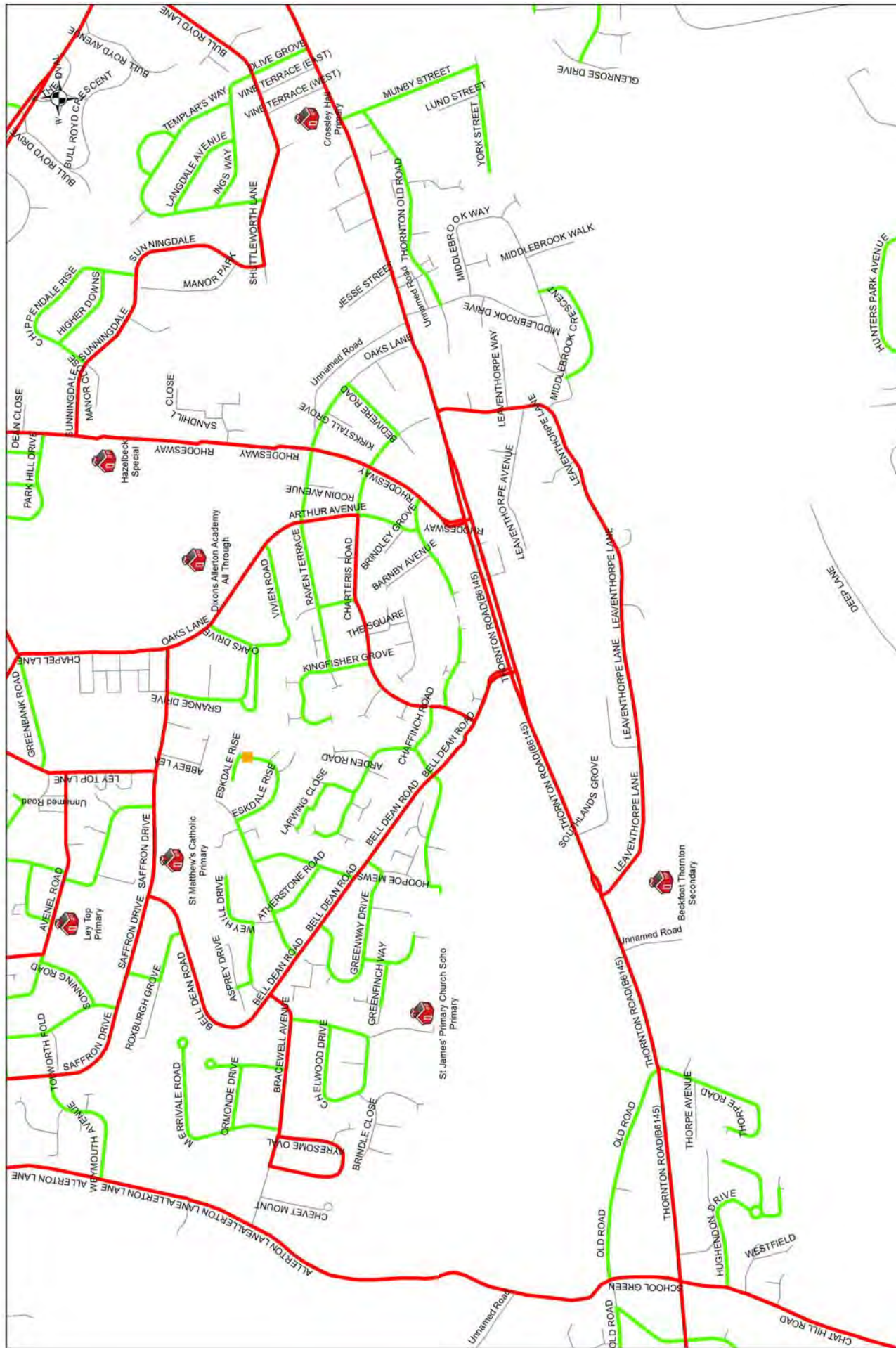
Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 Q3 Clayton 2





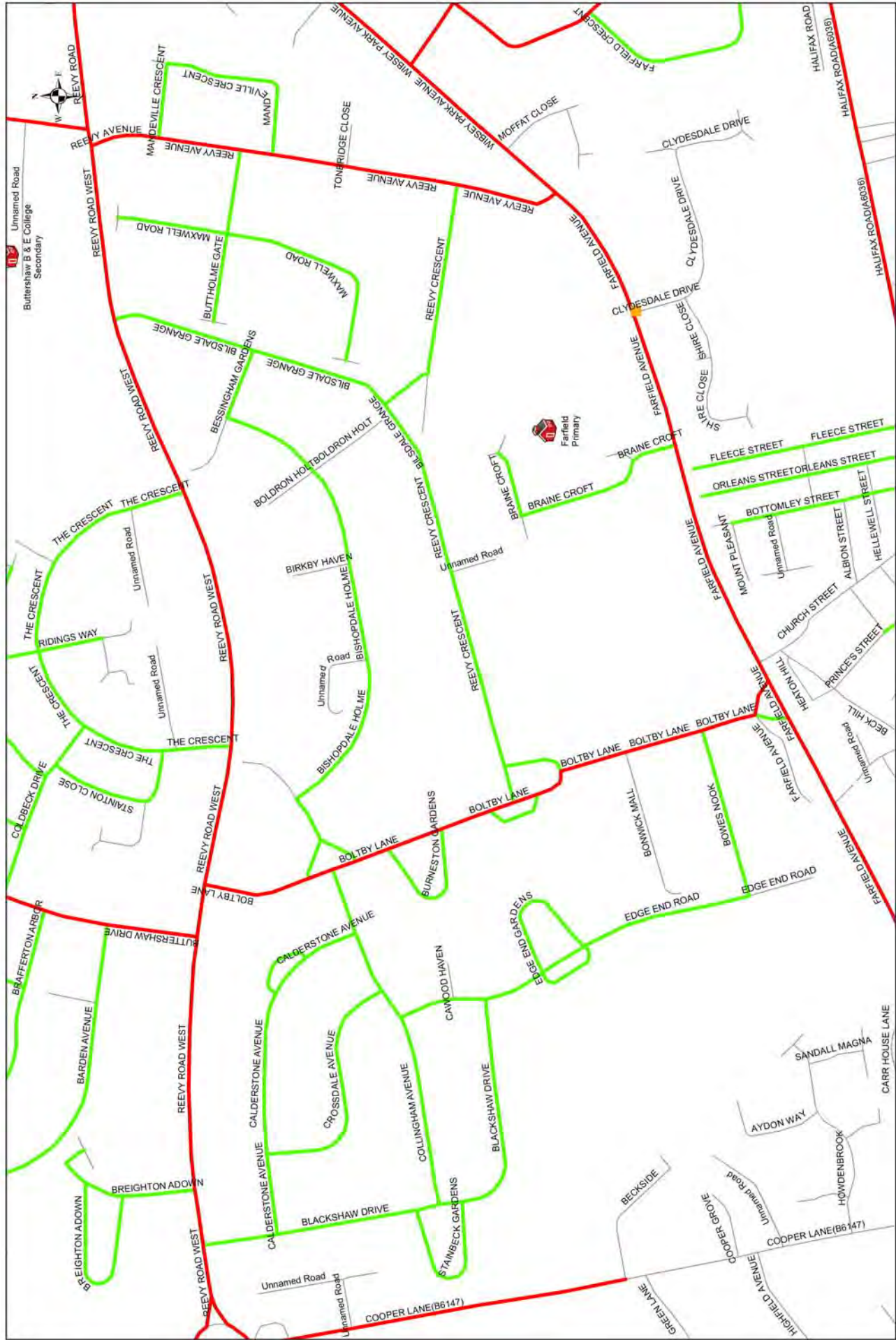
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 Q3 Scholemoor



Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 Q3 Allerton 1



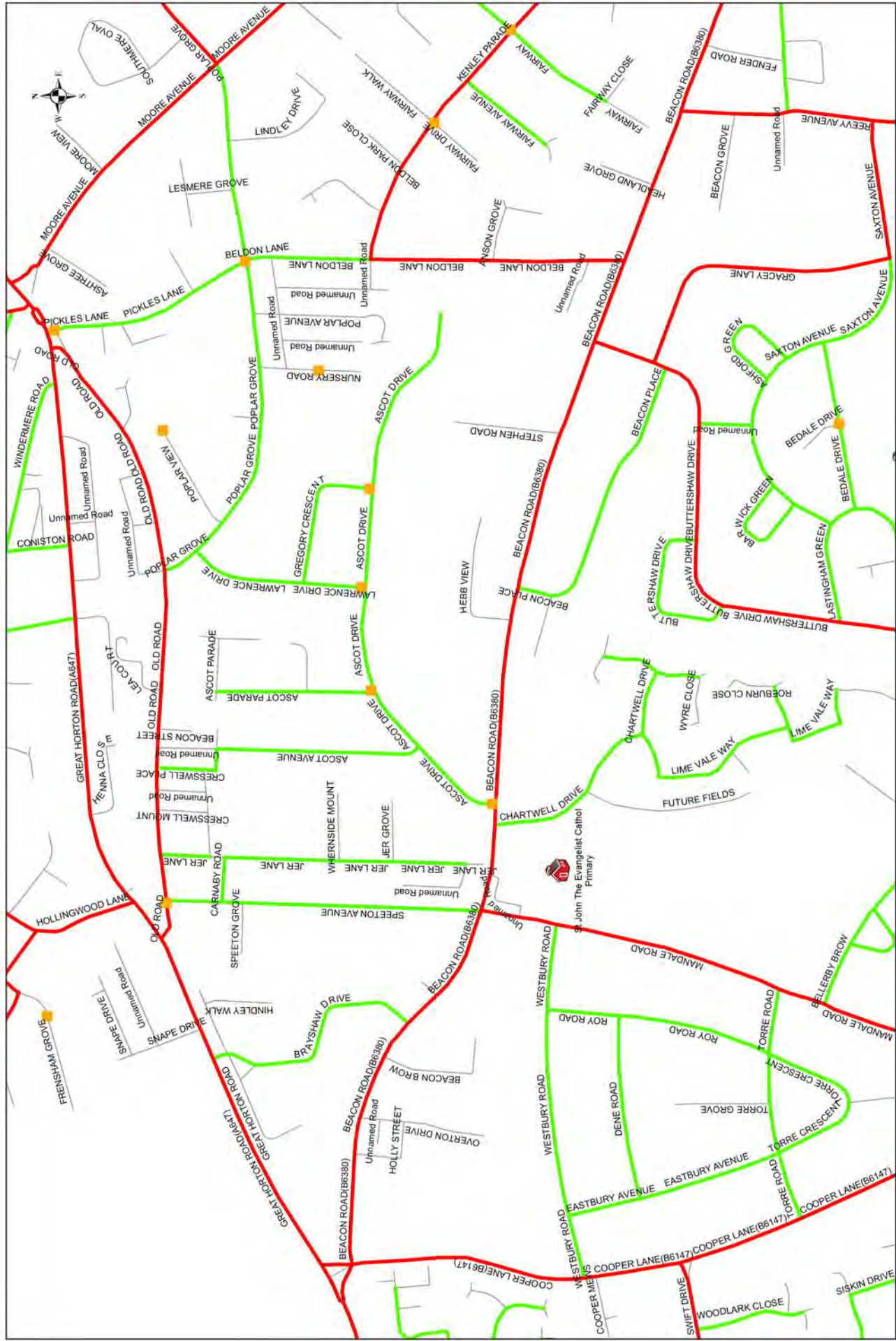




Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 Buttershaw 2

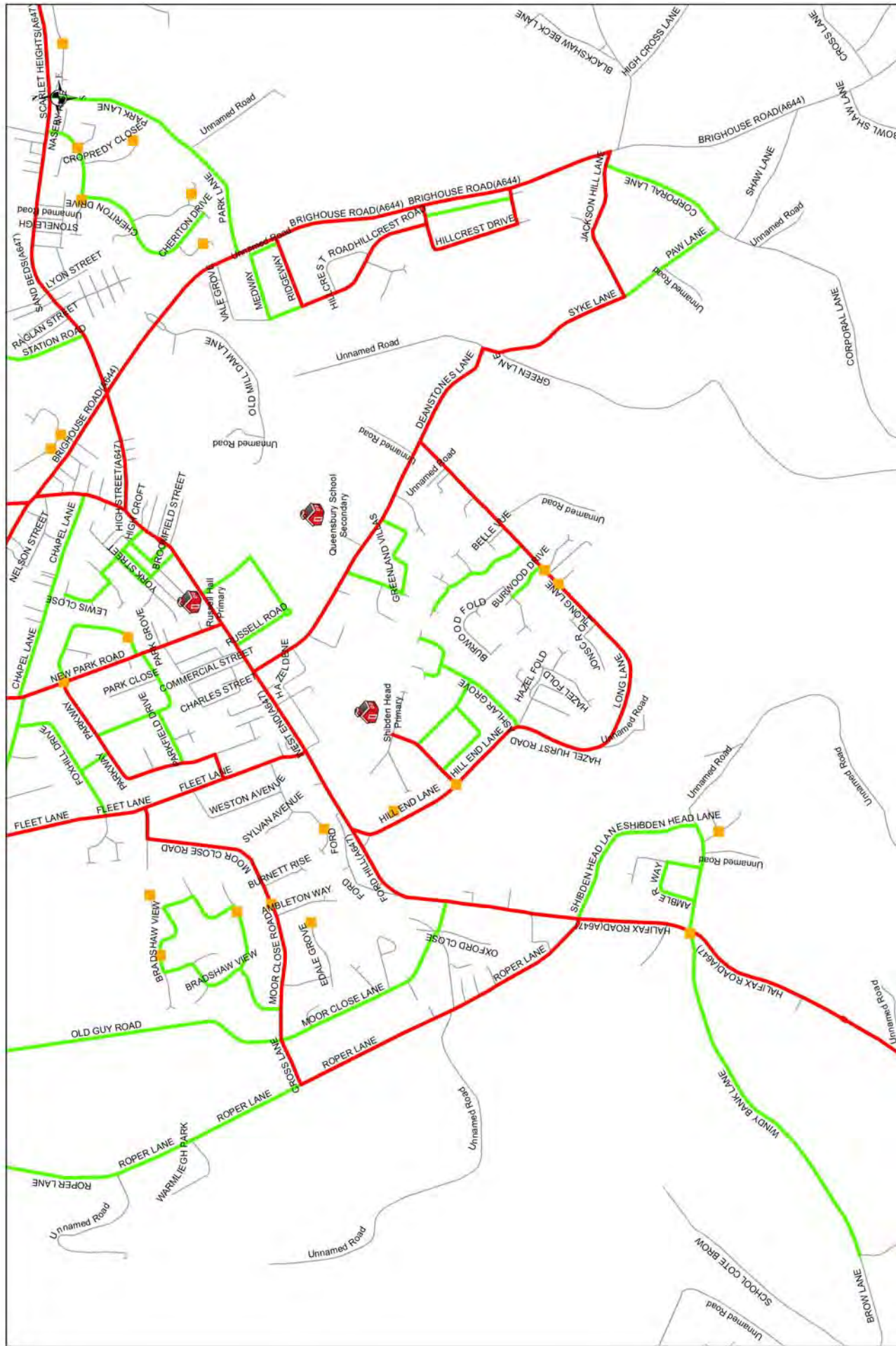




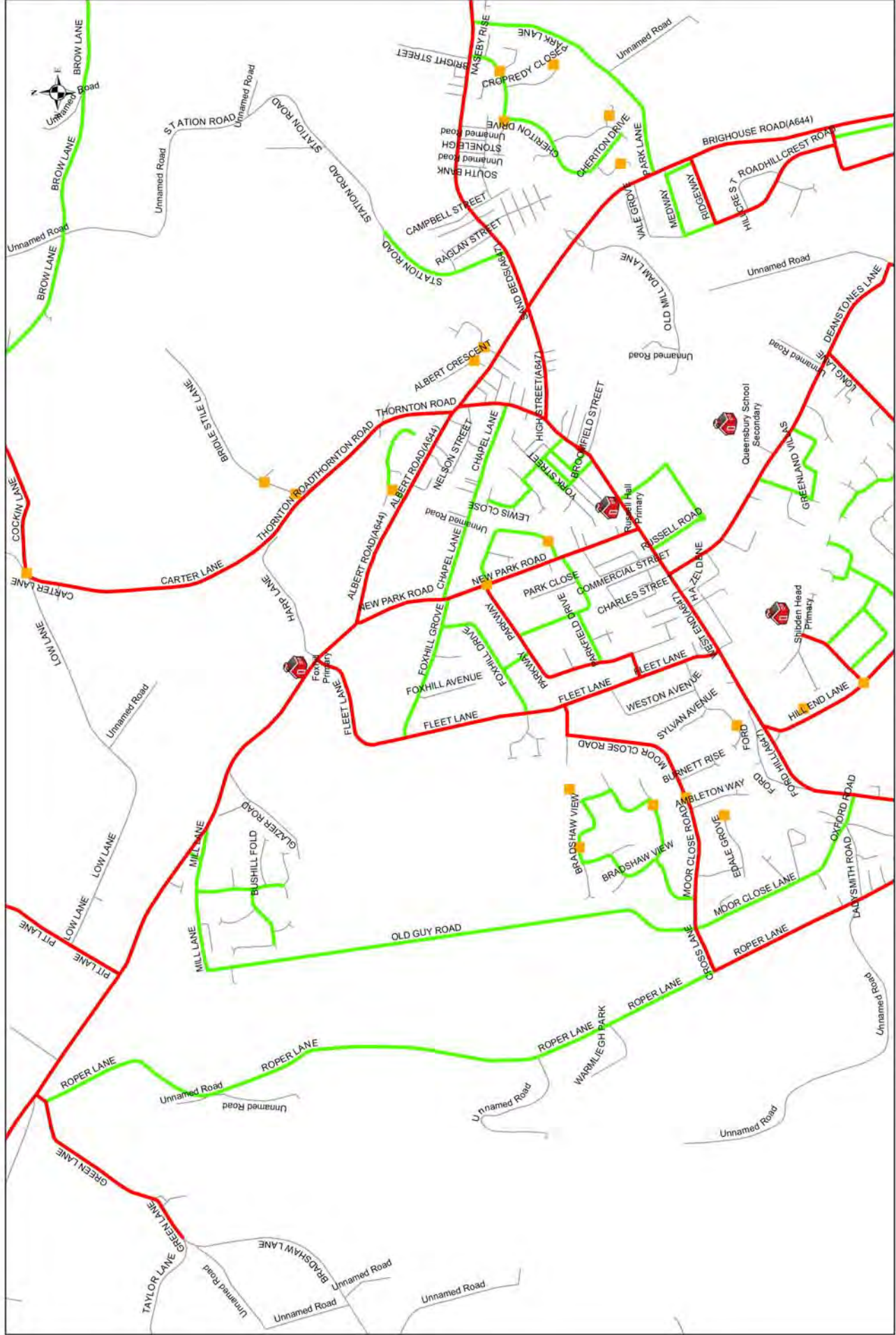
Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 Horton Bank Top





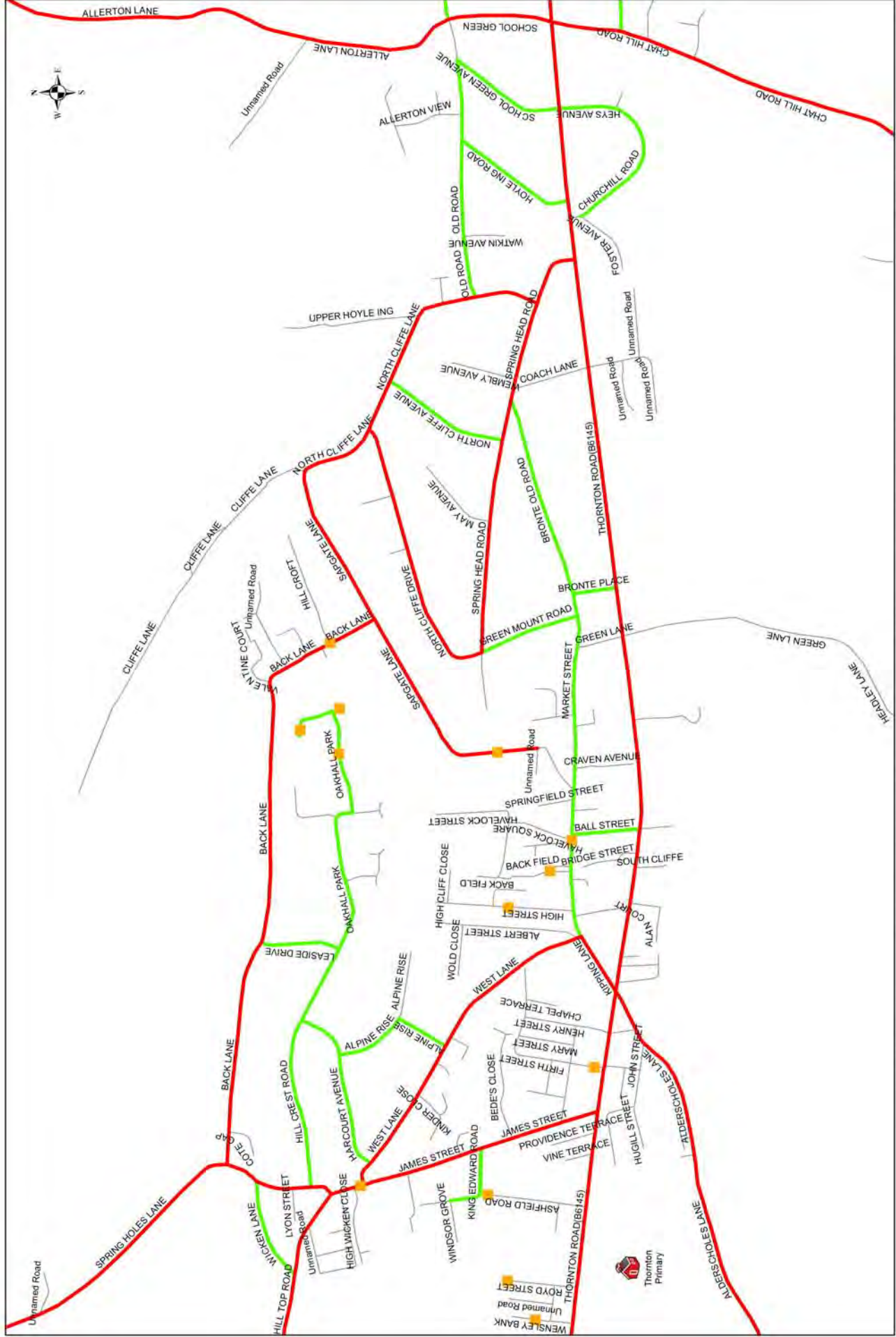


Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 Queensbuey 1



Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 Queensbuey 2





Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

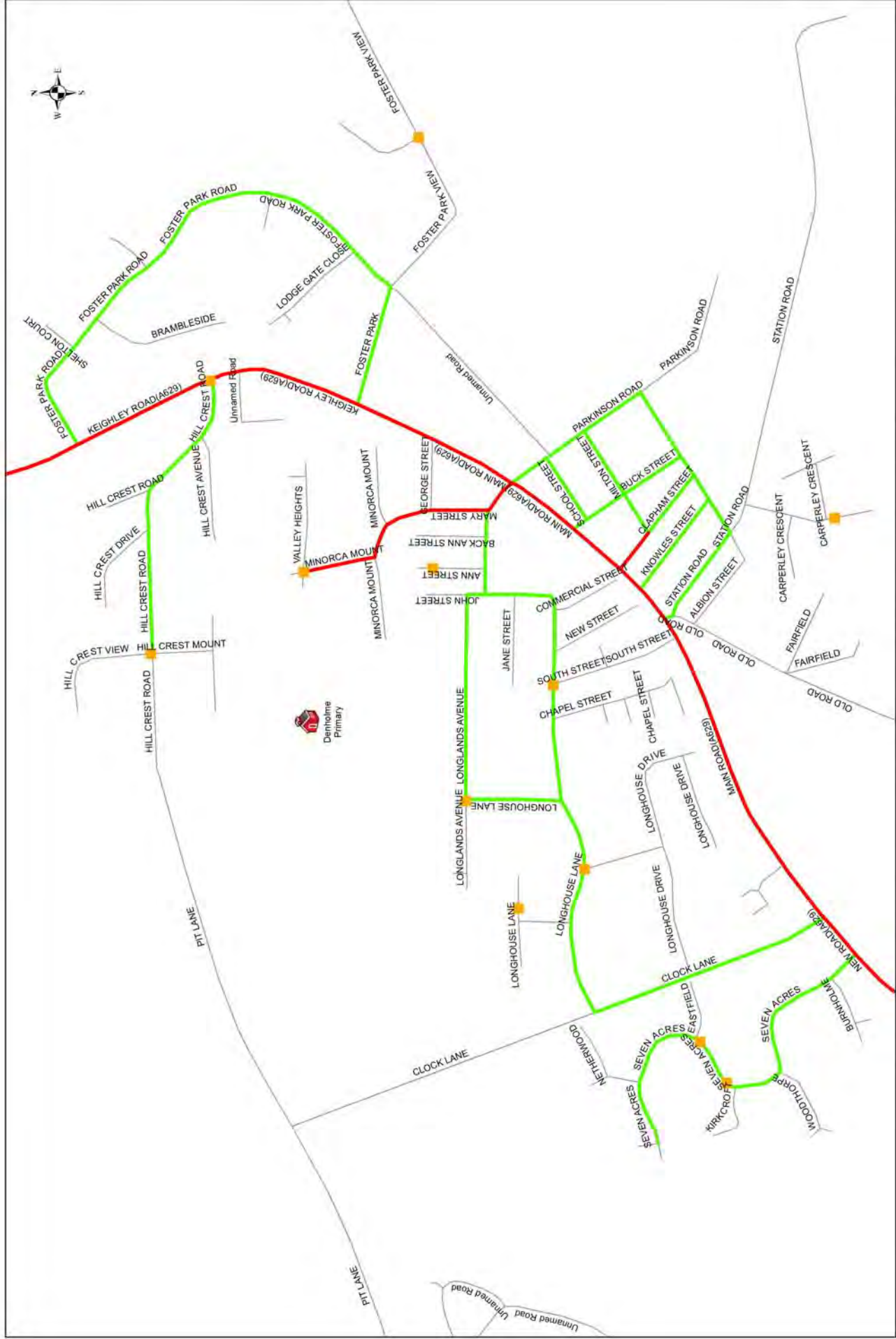
P2 Thornton



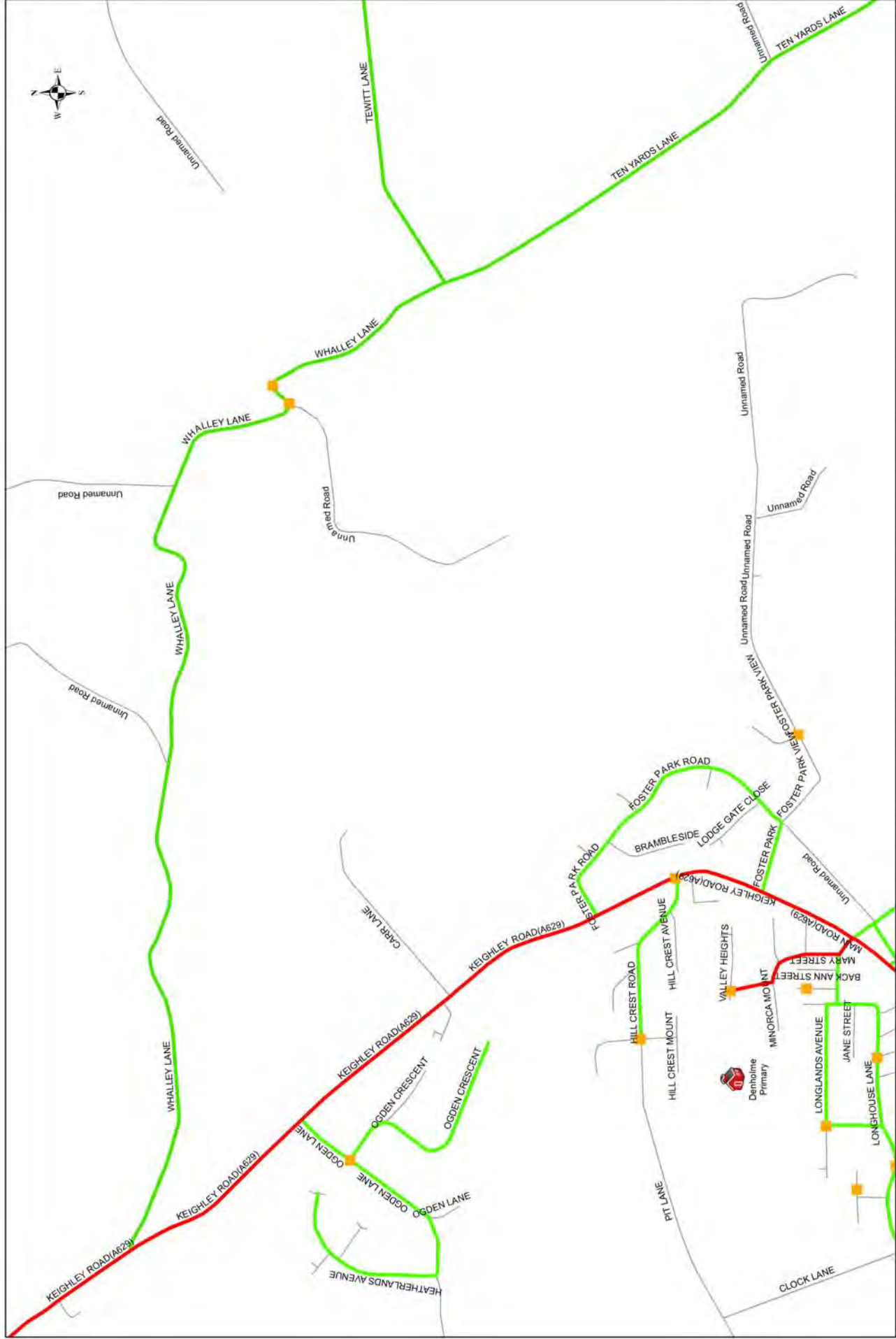
Red lines are Priority 1 roads and Green Lines are Priority 2 roads.

P2 Thornton Rural





Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 Denh 1



Red lines are Priority 1 roads and Green Lines are Priority 2 roads. P2 Denh 2



## Appendix 5

### **Priority 3 Rapid Response / Ploughing Routes 2018/19**

## Appendix 6

### **Priority 4 Night and Ice Patrol Routes 2018/19**



Appendix 7

Example of Daily Record Sheet

Depot: **WAKEFIELD RD**

Date

Conditions:

Assistant Manager:

Time:..... To:.....

Action:

Signature:

**WINTER MAINTENANCE**  
**DAILY GRITTING RECORD SHEET 2014 / 15**

**Priority 1 Grit**

Route No	Fleet No or Vehicle Reg	Time Out	Time In	10mm	Route Completed Driver Signature	Comments
1						
2						
3						
4						
5						
6						
7						
Loading Shovel						

ALSHDALEY GRITTING SHEET FULL GRIT WIKED HOXLE

Page 1 of 1

# Appendix 8

## Assessment for Provision of Grit Bins

LOCATION OF SALT BIN		DATE OF ASSESSMENT		ASSESSED BY	
CHARACTERISTIC	SEVERITY	POINT	ASSESSED ACTUAL SCORE		
1) Carriageway Gradient	Greater than 1 in 10	75			
	1 in 10 to 1 in 30	40			
	Less than 1 in 30	NIL			
2) Altitude	Land over 700ft	75			
	Land over 500ft	50			
	Land between 250ft and 500ft	25			
3) Distance to next Grit Bin	Less than 200m	NIL			
	200m to 400m	15			
	More than 400m	20			
4) Close proximity to and falling towards and away from junctions	Heavily trafficked Road	80			
	Moderately trafficked Road	60			
	Lightly trafficked Road	30			
	Not falling	NIL			
5) Number of premises for which this is the only access	Over 100	30			
	50-100	20			
	20-50	10			
	0-20	NIL			
6) High Traffic / Strategic General location and High pedestrian movements	School/Community centres	25			
	Designated old persons Accommodation	25			
	Clinics/Doctors Surgeries	25			
7) Road Priority	On Priority 1 Main Road Gritting Route	-50			
	On Priority 2 Side Road Gritting Route	-50			
8) Winter Gritting Volunteer Scheme	Registered on Winter Gritting Volunteer Scheme	+50			
	Not registered on scheme	NIL			
		<b>TOTAL</b>		<b>This needs to be over 125 to pass</b>	



## Appendix 9

### **Emergency Exemption Approval Application**

