

| Key | |
|-----|--|
| xx | Development sites |
| 1 | Sycamore Cross |
| 2 | Culverhouse Cross |
| 3 | Merrie Harrier Junction |
| 4 | Dinas Powys - Murch Crossroads |
| 5 | Biglis Roundabout |
| 6 | Port Road/Barry Docks Link Road |
| 7 | Waycock Cross |
| 8 | Harbour Road/Station Approach/Paget Road |
| 9 | Harbour Road/Nicholas Road (Ship gyratory) |
| 10 | Broad Street/Gladstone Road |
| 11 | Buttrills Road/Barry Road |
| 12 | Barry Road/Ty Newydd Road |
| 13 | Gladstone Road/Cardiff Road/Fordd Y Mileniwm |
| 14 | Palmerston Road/Cardiff Road |
| 15 | Vere Street/Cardiff Road/Gladstone Rise |
| 16 | Wimbourne Road/Fordd Y Mileniwm |
| 17 | Cory Way/Fordd Y Mileniwm |
| 18 | Subway Road/Fordd Y Mileniwm |
| 19 | Y Rhodfa/Fordd Y Mileniwm/Clos Tynaid Glo |
| 20 | Retail/Morrisons/Fordd Y Mileniwm |
| 21 | Gladstone Bridge/Fordd Y Mileniwm |
| 22 | Plymouth Road/Earl Crescent |
| 23 | Hood Road/Broad Street/Island Road |
| 24 | Barons Court |

Barry Waterfront - 122374
 Persimmon Homes Ltd, Taylor Wimpey UK Ltd, Barratt Homes Ltd
11/22000/122374-004 Internal Project Data/4-40 Calculations/Transport

Figure 7.9 PM Development situation traffic

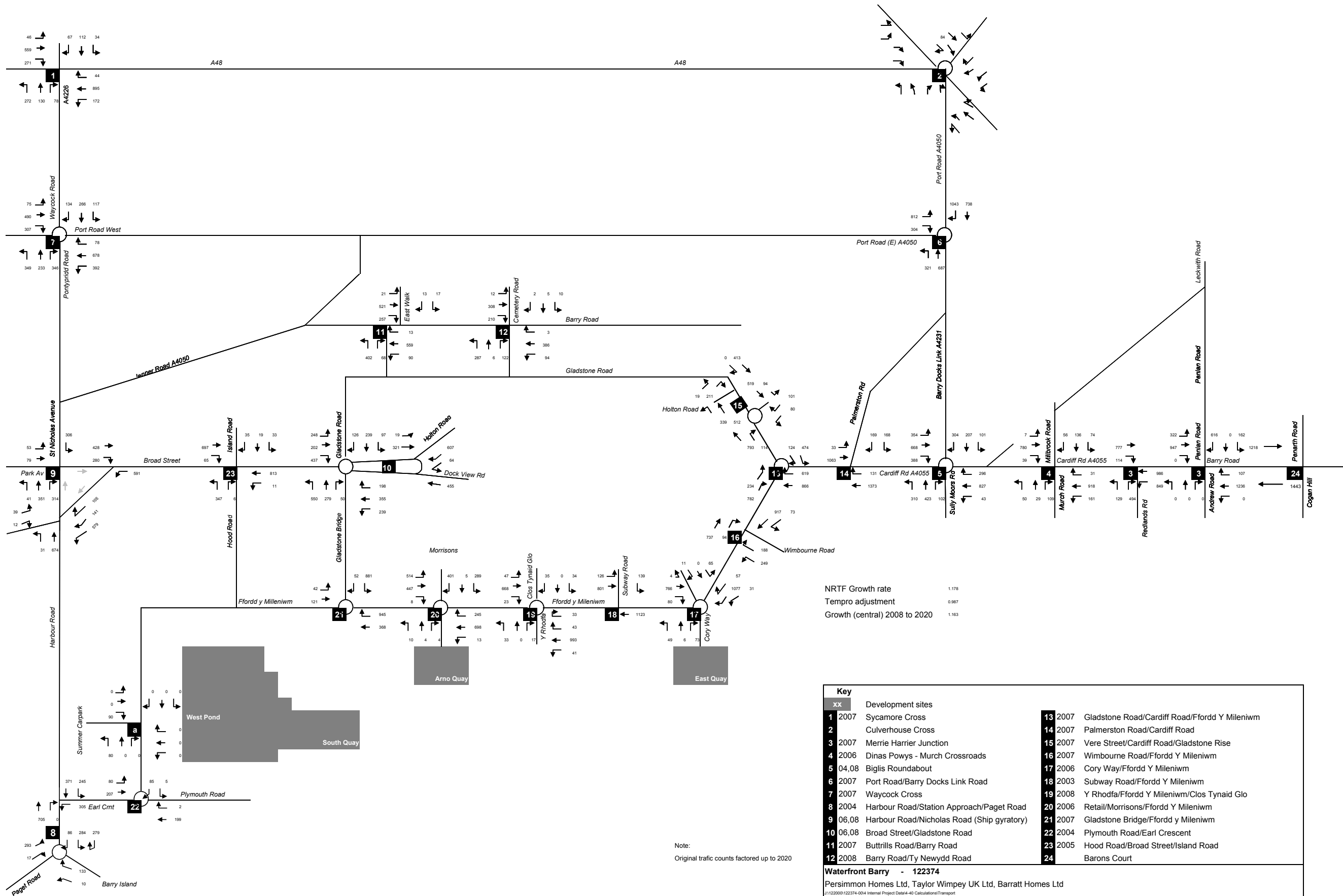
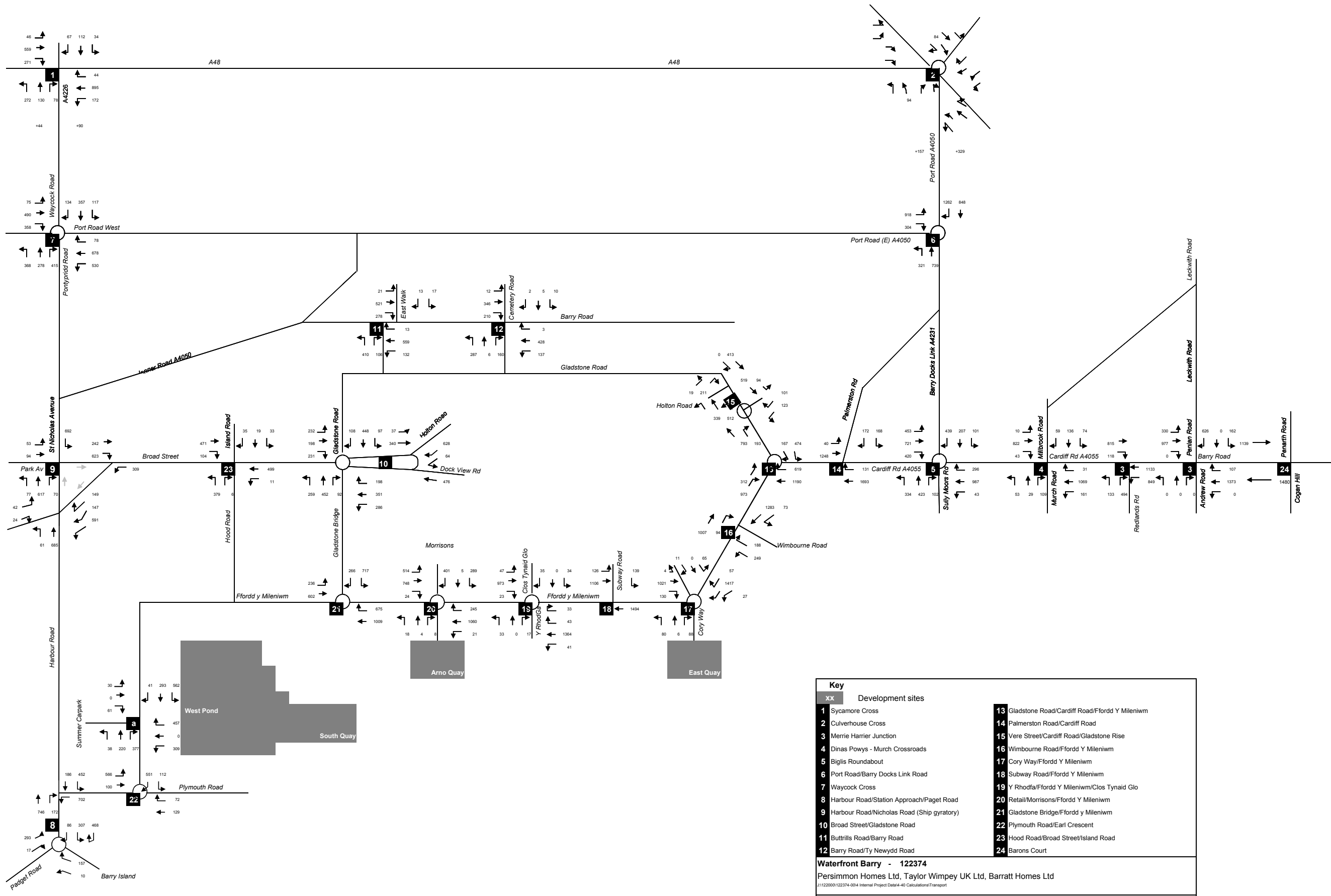


Figure 7.10 PM 2020 Base traffic + Tourism



| Key | |
|-----|--|
| xx | Development sites |
| 1 | Sycamore Cross |
| 2 | Culverhouse Cross |
| 3 | Merrie Harrier Junction |
| 4 | Dinas Powys - Murch Crossroads |
| 5 | Biglis Roundabout |
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| 11 | Buttrills Road/Barry Road |
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| 13 | Gladstone Road/Cardiff Road/Fordd Y Mileniwm |
| 14 | Palmerston Road/Cardiff Road |
| 15 | Vere Street/Cardiff Road/Gladstone Rise |
| 16 | Wimbourne Road/Fordd Y Mileniwm |
| 17 | Cory Way/Fordd Y Mileniwm |
| 18 | Subway Road/Fordd Y Mileniwm |
| 19 | Y Rhodfa/Fordd Y Mileniwm/Clos Tynaid Glo |
| 20 | Retail/Morrisons/Fordd Y Mileniwm |
| 21 | Gladstone Bridge/Fordd Y Mileniwm |
| 22 | Plymouth Road/Earl Crescent |
| 23 | Hood Road/Broad Street/Island Road |
| 24 | Barons Court |

Waterfront Barry - 122374
 Persimmon Homes Ltd, Taylor Wimpey UK Ltd, Barratt Homes Ltd
31122000122374-004 Internal Project Data-40 Calculations/Transport

Figure 7.11 PM Development situation traffic + Tourism

A3

A

B

C

D

E

F

G

1

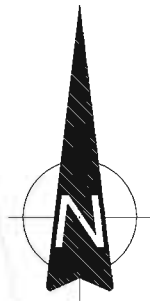
2

3

4

5

6



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| | | | | |
|---|----------|----|----|----|
| 01 | 25/03/10 | PH | JK | JS |
| Merge length increased on Port Rd North | | | | |
| 00 | 17/07/09 | RH | JK | JS |

| Issue | Date | By | Chkd | Appd |
|-------|------|----|------|------|
|-------|------|----|------|------|

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Cardiff, CF10 4QP
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www.arup.com

Client

**Barratt Homes,
Taylor Wimpey and
Persimmon Homes**

Job Title

Waterfront Barry

Drawing Title

**Potential Junction Improvements
Port Road / Barry Docks Link Road**

Scale at A3
1:1000

Plot ID

Drawing Status

| | | |
|-------------------------|----------------------------------|--------------------|
| Job No 122374 | Drawing No Figure 7.12 | Issue 01 |
|-------------------------|----------------------------------|--------------------|

A3

A B C D E F G

1

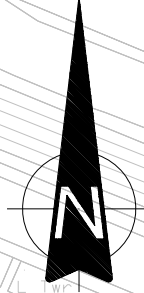
2

3

4

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6



Vale of Glamorgan Steam Railway

HARBOUR ROAD

PADGET ROAD

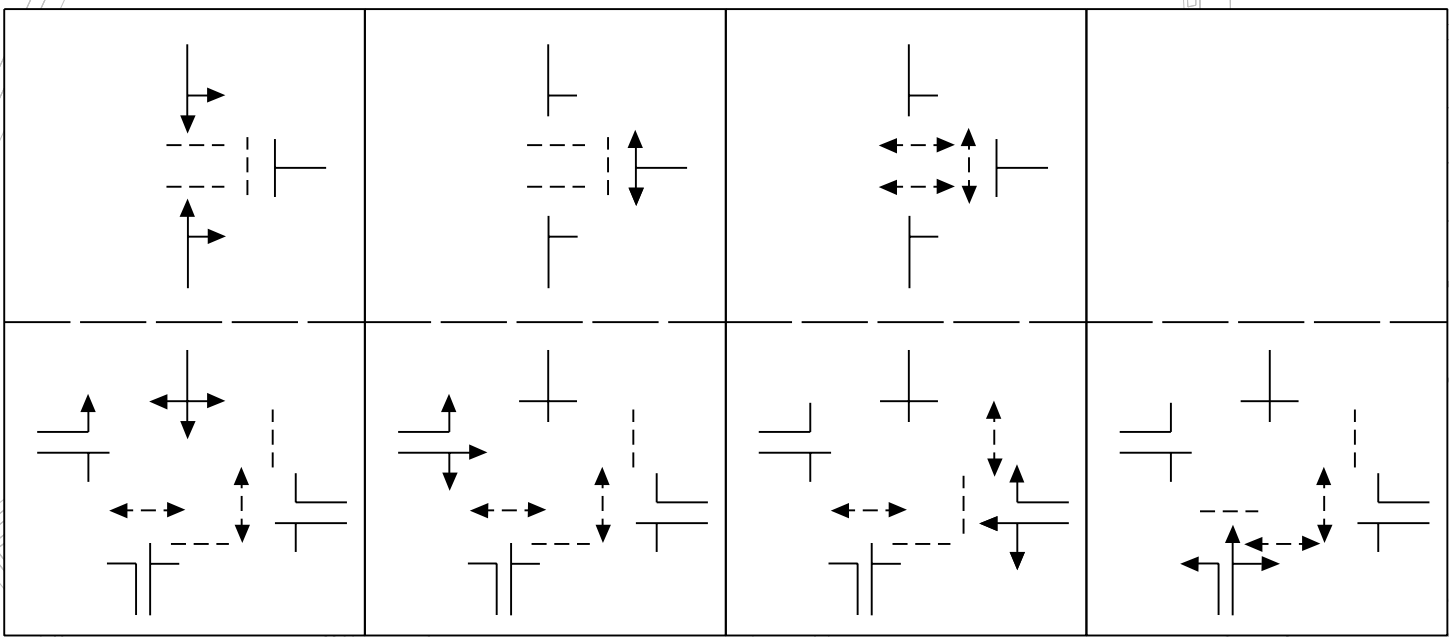
PLYMOUTH ROAD

CLAYE ROAD

STATION APPROACH ROAD

Sports Ground

Traffic Signal Staging Diagram



| | | | | |
|-------------------------|----------|----|------|------|
| 01 | 25/03/10 | PH | JK | JS |
| Staging diagram updated | | | | |
| 00 | 17/07/09 | RH | JK | JS |
| Issue | Date | By | Chkd | Appd |

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Taylor Wimpey and
Persimmon Homes**

Job Title
Waterfront Barry

Drawing Title
**Potential Junction Improvements
Harbour Road / Station Approach
Road / Padget Road**

Scale at A3
1:1000

Plot ID

Drawing Status

| | | |
|-------------------------|----------------------------------|--------------------|
| Job No 122374 | Drawing No Figure 7.13 | Issue 01 |
|-------------------------|----------------------------------|--------------------|

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J:\122000\122374-004 Internal Project Data\4-30 Drawings\4-33 Civil\Transport\h08_HarbourRd_StationRd.dgn

© Arup

A3 A B C D E F G

1
2
3
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5
6



| | | | | |
|----|----------|----|----|----|
| 00 | 17/07/09 | RH | JK | JS |
|----|----------|----|----|----|

| Issue | Date | By | Chkd | Appd |
|-------|------|----|------|------|
|-------|------|----|------|------|

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 Taylor Wimpey and
 Persimmon Homes**

Job Title
Waterfront Barry

Drawing Title
**Potential Junction Improvements
 Wimbourne Rd / Ffordd y Mileniwm**

Scale at A3 1:1000

Plot ID

Drawing Status

| | | |
|-------------------------|----------------------------------|--------------------|
| Job No 122374 | Drawing No Figure 7.14 | Issue 00 |
|-------------------------|----------------------------------|--------------------|

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A3

A

B

C

D

E

F

G

1

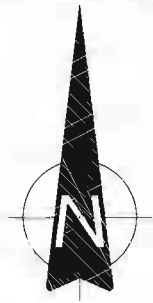
2

3

4

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6



| | | | | |
|----|----------|----|----|----|
| 00 | 17/07/09 | RH | JK | JS |
|----|----------|----|----|----|

| Issue | Date | By | Chkd | Appd |
|-------|------|----|------|------|
|-------|------|----|------|------|

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Client

**Barratt Homes,
 Taylor Wimpey and
 Persimmon Homes**

Job Title

Waterfront Barry

Drawing Title

**Potential Junction Improvements
 Gladstone Bridge / Ffordd y Mileniwm**

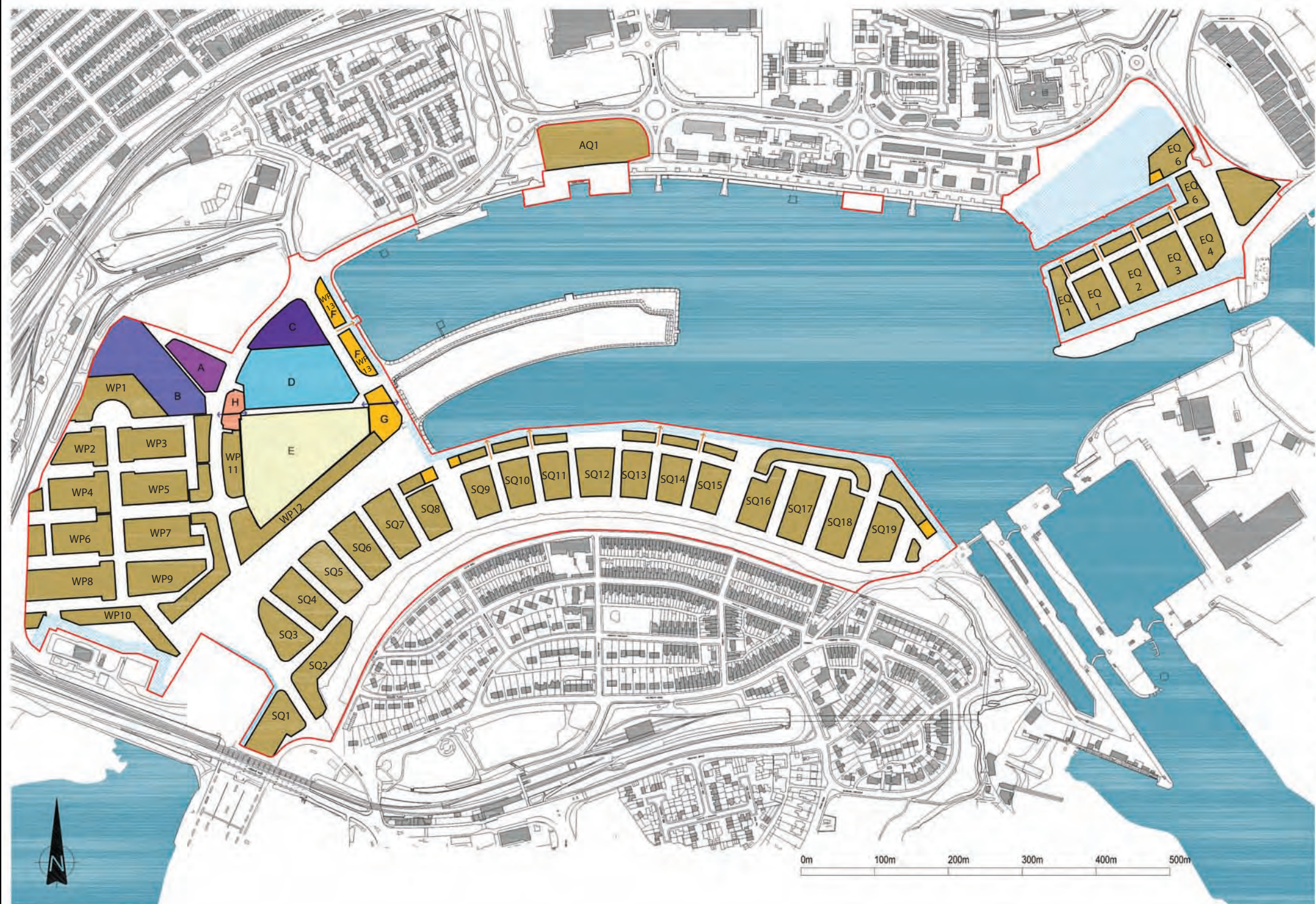
Scale at A3
 1:1000

Plot ID

Drawing Status

| | | |
|-------------------------|----------------------------------|--------------------|
| Job No 122374 | Drawing No Figure 7.15 | Issue 00 |
|-------------------------|----------------------------------|--------------------|

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Do not scale from drawing.

- KEY**
- C3 Residential
 - B1 Office / C3 Residential
 - Education & Associated playing field
 - C1 Hotel / B1 Office
 - A1 Retail
 - Carpark for A1 Retail & Petrol filling station
 - A3 Retail / C3 Residential
 - A3 Retail / B1 Office
 - No build zone
 - Break in building line 6m min
 - Break in building line 8m min.

- Schedule**
- C3 Residential development: up to 2,000 dwellings
 - West Pond 500-700 dwellings
 - 1 South Quay 650-900 dwellings
 - 2 East Quay 100-250 dwellings
 - 3 Arno Quay 75-200 dwellings
 - 4 District Centre up to 150 dwellings
 - A1 Retail use: 6,525 sq. m food store and 2,300sq m of non-food retail
 - A3 Café, restaurant, drinking establishment: between 750sqm – 1,820sqm
 - B1 Offices: up to 3,450sq m
 - C1 Hotel: up to 3,500sq m

This plan defines the maximum envelope of proposed buildings and their proposed use. The proposed building line is subject to a +/-4m variation

- Plot Use and Floorspace**
- A** B1 Offices: up to 1,360sq m; C3 dwellings up to 40 apartments
 - B** D1 School: up to 2,760sq m
 - C** C1 Hotel: up to 3,500sq m; B1 offices: up to 1,590sq m
 - D** A1 Retail: up to 8,825sq m
 - E** Car parking for A1 retail up to 600 spaces and a Petrol Filling Station
 - F** A3 Café, Restaurant, Drinking Est.: up to 260sq m; C3 dwellings: up to 40 dwellings
 - G** A3 Café, Restaurant, Drinking Est.: up to 875sq m; C3 dwellings: up to 50 apartments
 - H** B1 Offices: up to 500sq m

Holder Mathias architects

| | |
|--|----------------|
| Barry Waterfront | Job No: 3514 |
| | Proj No: SK202 |
| Title: Parameter Plan 1 - Building envelope and proposed uses | |
| Date: 28/07/09 | Drawn: JK |
| Check: MK | Status: Sketch |
| Scale: 1:2500 @A1 | |
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Barry Waterfront
Parameter Plan 1: Building Envelope & Proposed Uses

scale 1:5000 at A3
do not scale from drawing

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Client
Barratt Homes,
Taylor Wimpey and
Persimmon Homes

Job Title
Waterfront Barry

Drawing Title
Development Land Parcels
(Obtained from Holder Mathias
architects)

Scale at A3

Plot ID

Drawing Status

| | | |
|-------------------------|---------------------------------|-------|
| Job No 122374 | Drawing No Figure 8.3 | Issue |
|-------------------------|---------------------------------|-------|



Barry Town Centre

Barry Docks

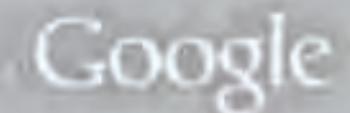
Barry Station

Vale of Glamorgan Line

Barry Island Line

Barry Island

Barry Island



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Client
Barratt Homes
Taylor Wimpey, and
Persimmon Homes

Job Title
Waterfront
Barry

Drawing Title
Rail Stations and Lines

Scale at A3

Plot ID

Drawing Status

Job No
122374

Drawing No
Figure 9.1

Issue

A3

A B C D E F G

1

2

3

4

5

6



Key

Rail station access

Walking Time from Rail Station:

- 5 min
- 10 min
- 15 min

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Client
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Taylor Wimpey, and
Persimmon Homes**

Job Title
**Waterfront
Barry**

Drawing Title
Rail Station Access Isochrones

Scale at A3
1:10,000
Plot ID

Drawing Status

| | | |
|-------------------------|---------------------------------|-------|
| Job No 122374 | Drawing No Figure 9.4 | Issue |
|-------------------------|---------------------------------|-------|