



The Abergelli Power Gas Fired Generating Station Order

6.3 Environmental Statement Figures Part II

Planning Act 2008
The Infrastructure Planning
(Applications: Prescribed Forms and Procedure) Regulations 2009

PINS Reference Number: EN010069
Document Reference: 6.3
Regulation Number: 5(2)(a), 5(2)(l) Figures 8.2 & 9.5, 5(2)(m)
Figures 13.1 & 13.2 & Infrastructure
Planning (Environmental Impact
Assessment) Regulations 2009
Author: AECOM

Revision	Date	Description
0	May 2018	Submission Version



TABLE OF CONTENTS

Figures

Figure 10.1: UDP Mineral Resources Plan

Figure 10.2: Mine Abandonment Plan

Figure 10.3: Potential Sources of Contamination and Locations of Interest

Figure 11.1: Landscape Designations

Figure 11.2: LANDMAP Aspect Data - Visual and Sensory

Figure 11.3: LANDMAP Aspect Data - Habitat

Figure 11.4: LANDMAP Aspect Data - Geological

Figure 11.5: LANDMAP Aspect Data - Historic

Figure 11.6: LANDMAP Aspect Data - Cultural

Figure 11.7: ZTV and Viewpoints up to 5 km

Figure 11.8: ZTV and Viewpoints up to 15 km

Figure 11.9: ZTV and Visual and Sensory LANDMAP Aspect Data

Figure 12.1: Study Area

Figure 12.2: Local Highway Network

Figure 12.3: Traffic Flows – 2014 Observed – Weekday AM Peak Hour

Figure 12.4: Traffic Flows – 2014 Observed – Weekday PM Peak Hour

Figure 12.5: Traffic Flows – 2017 Base Year – Weekday AM Peak Hour

Figure 12.6: Traffic Flows – 2017 Base Year – Weekday PM Peak Hour

Figure 12.7: Pedestrian and Cycle Routes and Public Rights of Way

Figure 12.8: Traffic Flows 2022 Baseline – Weekday AM Peak Hour

Figure 12.9: Traffic Flows 2022 Baseline – Weekday PM Peak Hour

Figure 12.10: Traffic Flows – Power Generation Plant Construction Traffic: Weekday AM Peak Hour

Figure 12.11: Traffic Flows – Power Generation Plant Construction Traffic: Weekday PM Peak Hour

Figure 12.12: Traffic Flows – Gas Connection Construction Traffic: Weekday AM Peak Hour

Figure 12.13: Traffic Flows – Gas Connection Construction Traffic: Weekday PM Peak Hour

Figure 12.14: Traffic Flows – Electrical Connection construction Traffic: Weekday AM Peak Hour

Figure 12.15: Traffic Flows – Electrical Connection construction Traffic: Weekday PM Peak Hour

Figure 12.16: Traffic Flows – Project Construction Traffic: Weekday AM Peak Hour

Figure 12.17: Traffic Flows – Project Construction Traffic: Weekday PM Peak Hour

Figure 12.18: Traffic flows – 2022 Baseline + Power Generation Plant Construction Traffic: Weekday AM Peak Hour

Figure 12.19: Traffic flows – 2022 Baseline + Power Generation Plant Construction Traffic: Weekday PM Peak Hour

Figure 12.20: Traffic Flows – 2022 Baseline + Gas Connection
Construction Traffic: Weekday AM Peak Hour

Figure 12.21: Traffic Flows – 2022 Baseline + Gas Connection
Construction Traffic: Weekday PM Peak Hour

Figure 12.22: Traffic Flows – 2022 Baseline + Electrical Connection
Construction Traffic: Weekday AM Peak Hour

Figure 12.23: Traffic Flows – 2022 Baseline + Electrical Connection
Construction Traffic: Weekday PM Peak Hour

Figure 12.24: Traffic Flows – 2022 Baseline + Project Construction
Traffic: Weekday AM Peak Hour

Figure 12.25: Traffic Flows – 2022 Baseline + Project Construction
Traffic: Weekday PM Peak Hour

Figure 12.26: Traffic Flows – Cumulative Development: Weekday AM
Peak Hour

Figure 12.27: Traffic Flows – Cumulative Development: Weekday PM
Peak Hour

Figure 12.28: Traffic Flows – 2022 Baseline + Power Generation Plant
Construction Traffic + Cumulative Development: Weekday AM Peak
Hour

Figure 12.29: Traffic Flows – 2022 Baseline + Power Generation Plant
Construction Traffic + Cumulative Development: Weekday PM Peak
Hour

Figure 12.30: Traffic Flows – 2022 Baseline + Gas Connection
Construction Traffic – Cumulative Development: Weekday AM Peak
Hour

Figure 12.31: Traffic Flows – 2022 Baseline + Gas Connection
Construction Traffic – Cumulative Development: Weekday PM Peak
Hour

Figure 12.32: Traffic Flows – 2022 Baseline + Electrical Connection
Construction Traffic – Cumulative Development: Weekday AM Peak
Hour

Figure 12.33: Traffic Flows – 2022 Baseline + Electrical Connection
Construction Traffic – Cumulative Development: Weekday PM Peak
Hour

Figure 12.34: Traffic Flows – 2022 Baseline + Project Construction
Traffic + Cumulative Development: Weekday AM Peak Hour

Figure 12.35: Traffic Flows – 2022 Baseline + Project Construction
Traffic + Cumulative Development: Weekday PM Peak Hour

Figure 13.1: Historic Assets in the 1 km Study Area

Figure 13.2: Designated Historic Assets in the 5 km Study Area

Figure 14.1: Socio-Economic Study Area

Figure 14.2: Tourism/Business Survey Study Area

Figure 14.3: Community Infrastructure Study Area

Figure 14.4: Tourism Audit

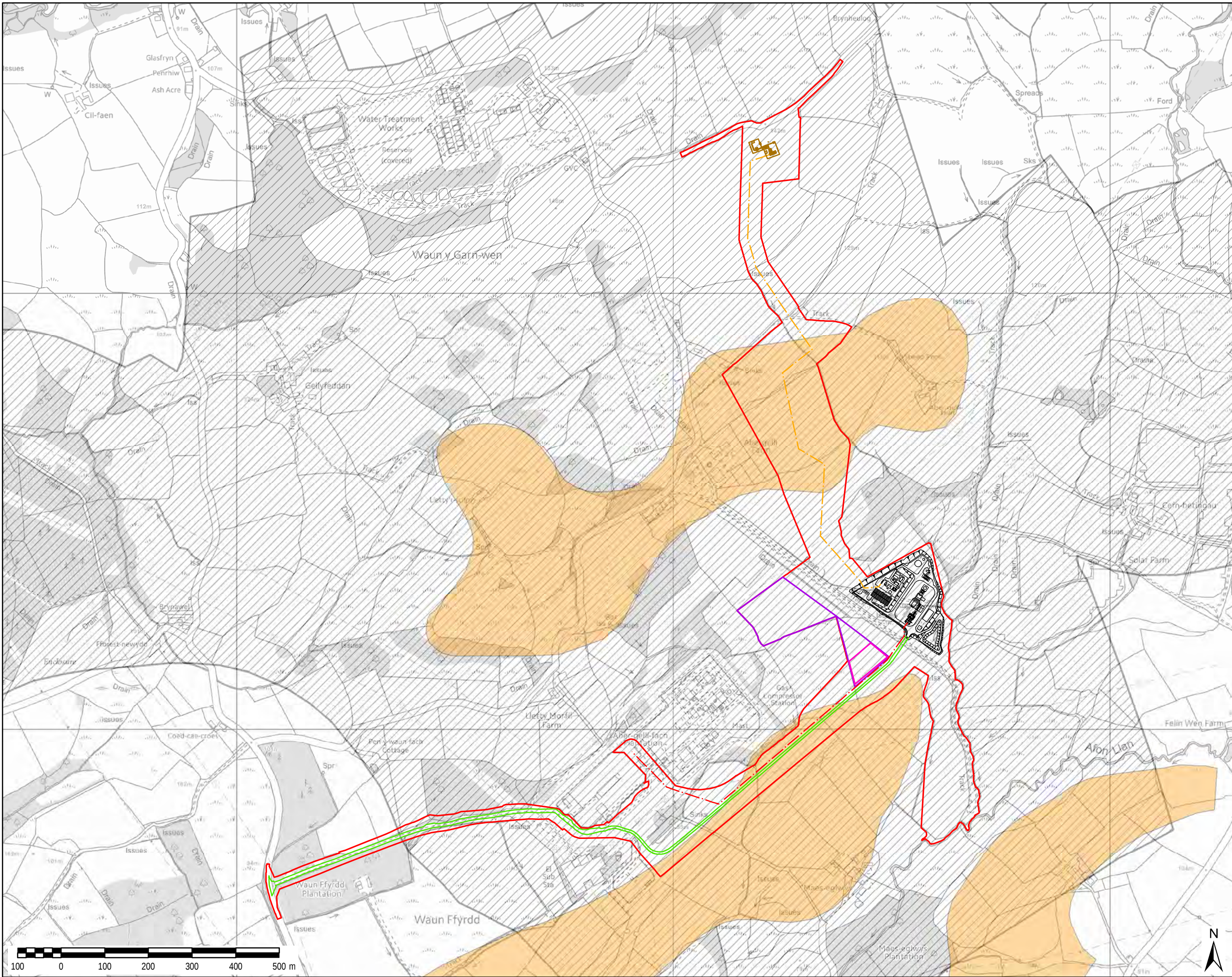
Figure 14.5: Community Infrastructure Audit – Schools

Figure 14.6: Community Infrastructure Audit – GP Surgeries and
Hospitals

Figure 14.7: Community Infrastructure Audit – Pharmacies

Figure 14.8: Community Infrastructure Audit – Dentists and Recreation
& Arts

Figure 14.9: Net Additionality Framework (*embedded within Chapter
14*)



AECOM

AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

**ABERGELLI POWER
PROJECT**

Client:



LEGEND

- Project Site Boundary
- Generating Equipment Site
- Above Ground Installation (AGI)
- Access Road
- Electrical Connection (400kV Cable)
- Gas Connection
- Laydown
- Maintenance Compound
- Sand and Aggregates
- Coal

Note: Indicative Project Layout

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673
© City and County of Swansea

AECOM Internal Project No:

60542910

Drawing Title:

**UDP MINERAL
RESOURCES PLAN**

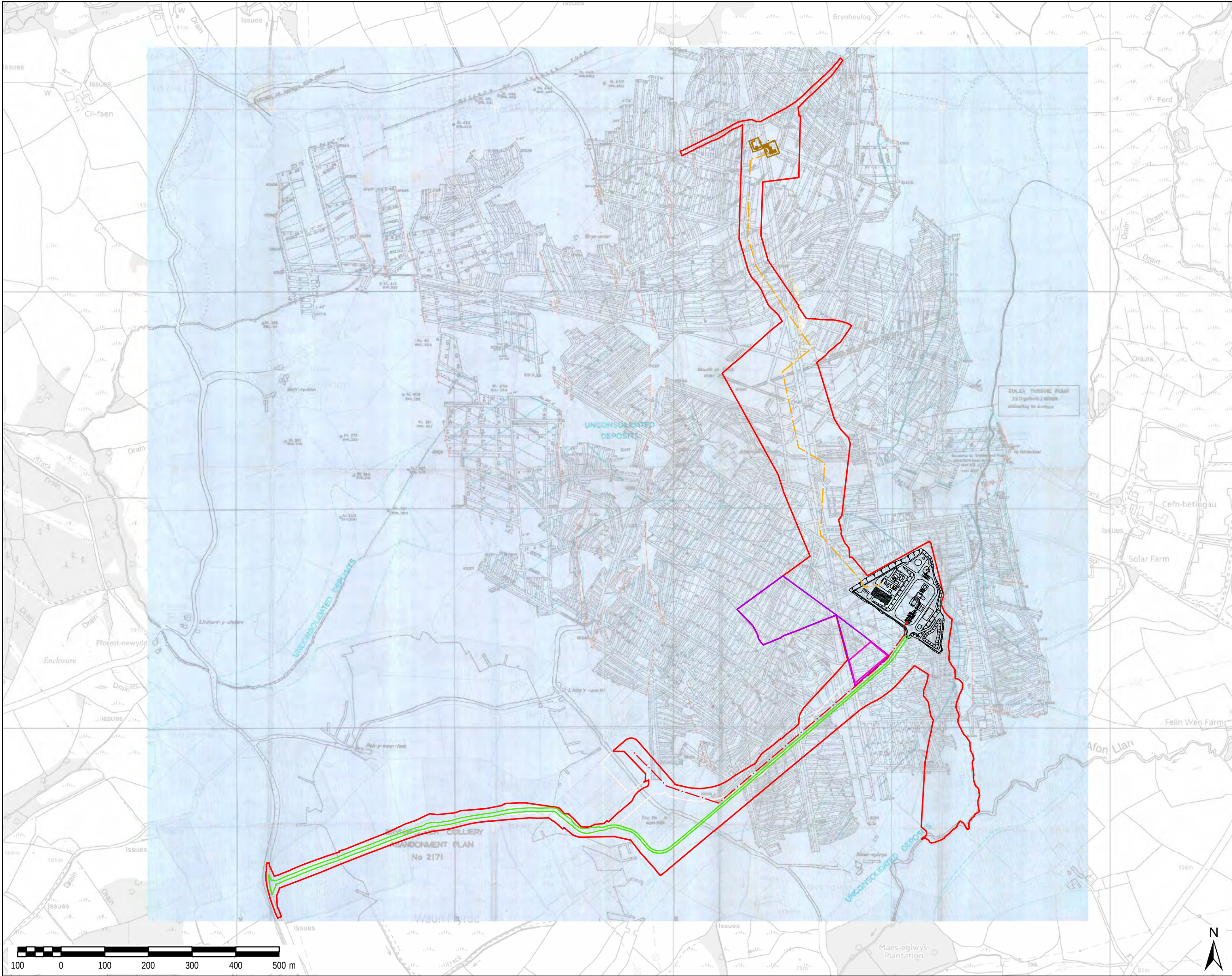
Scale at A3: 1:8,000

Drawing No:

FIGURE 10.1

Drawn: Chk'd: App'd: Date:

GM CC CA 02/05/18



AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

**ABERGELLI POWER
PROJECT**

Client:



LEGEND

- Project Site Boundary
- Generating Equipment Site
- Above Ground Installation (AGI)
- Access Road
- Electrical Connection (400kV Cable)
- Gas Connection
- Laydown
- Maintenance Compound

Note: Indicative Project Layout

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673
Database Right and Copyright, The
Coal Authority 2003

AECOM Internal Project No:

60542910

Drawing Title:

**MINE ABANDONMENT
PLAN**

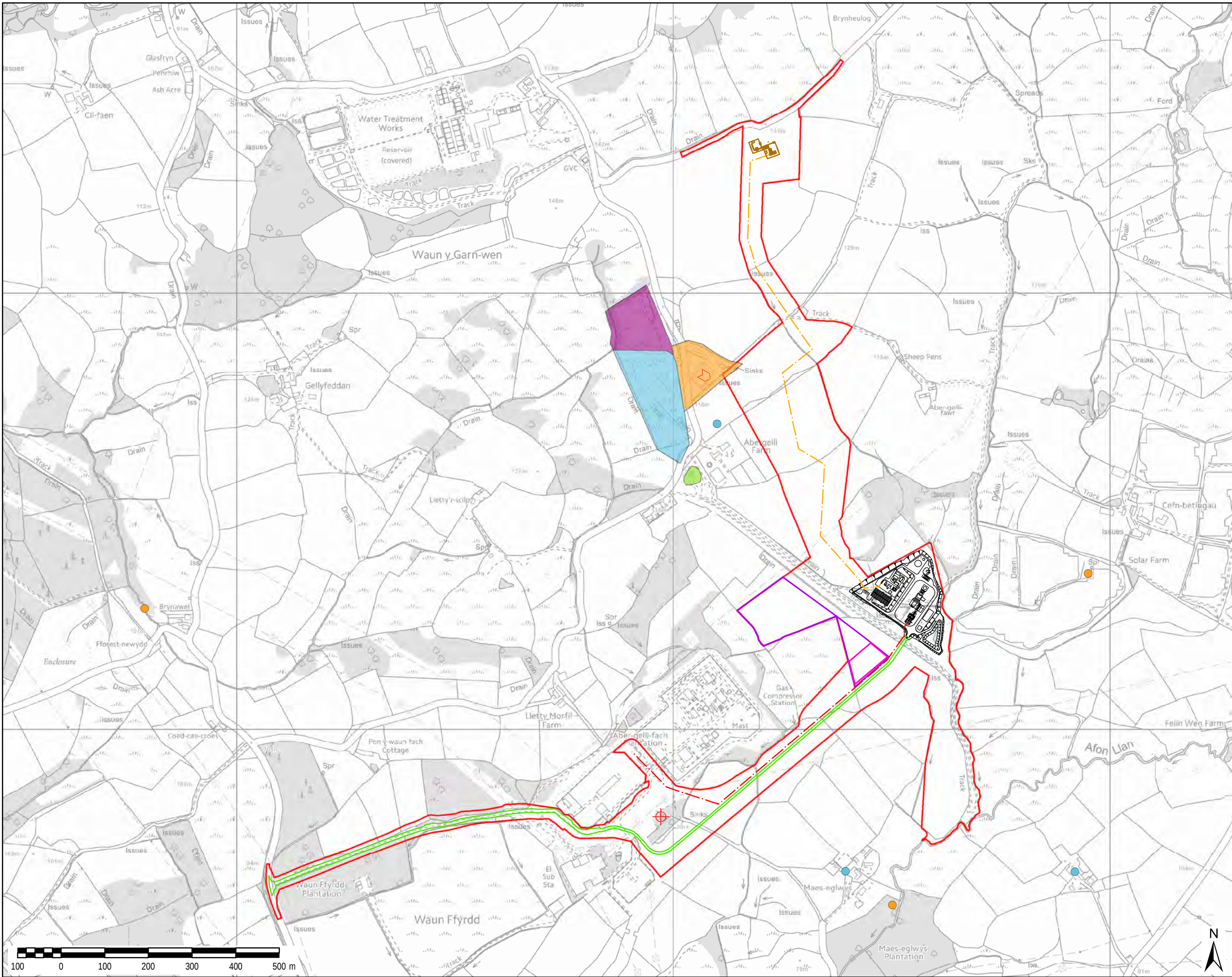
Scale at A3: 1:8,000

Drawing No: **Rev:**

FIGURE 10.2 005

Drawn: Chk'd: App'd: Date:

GM CC CA 02/05/18



AECOM

AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

ABERGELLI POWER PROJECT

Client:



LEGEND

- Project Site Boundary
- Groundwater Abstraction Licence
- Groundwater Abstraction Licence known not to be used
- Disused adit
- Disused mine shaft
- Generating Equipment Site
- Above Ground Installation (AGI)
- Access Road
- Electrical Connection (400kV Cable)
- Gas Connection
- Laydown Area
- Maintenance Compound
- Abergelli Farm landfill
- Abergelli Farm landfill and historical mine spoil heap
- Disused Abergelli Colliery
- Old gravel pit

Note: Indicative Project Layout

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673
Database Right and Copyright, The Coal Authority 2003

AECOM Internal Project No:

60542910

Drawing Title:

POTENTIAL SOURCES OF CONTAMINATION AND LOCATIONS OF INTEREST

Scale at A3: 1:8,000

Drawing No: **Rev:**

FIGURE 10.3 005

Drawn: **Chk'd:** **App'd:** **Date:**

GM CC CA 02/05/18

ABERGELLI POWER
PROJECT

Abergelli
power
A Drax Group company

 Project Site Boundary
 15km Study Area
 5km Study Area
 Special Landscape Areas
 Country Park
 Area of Outstanding Natural Beauty
 National Park

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

0542910

LANDSCAPE
DESIGNATION

Scale at A3: 1:125,000

Drawing No: Rev:

FIGURE 11.1 001

Drawn: Chk'd: App'd: Date:

GM RM CA 02/05/18

ABERGELLI POWER
PROJECT



LEGEND

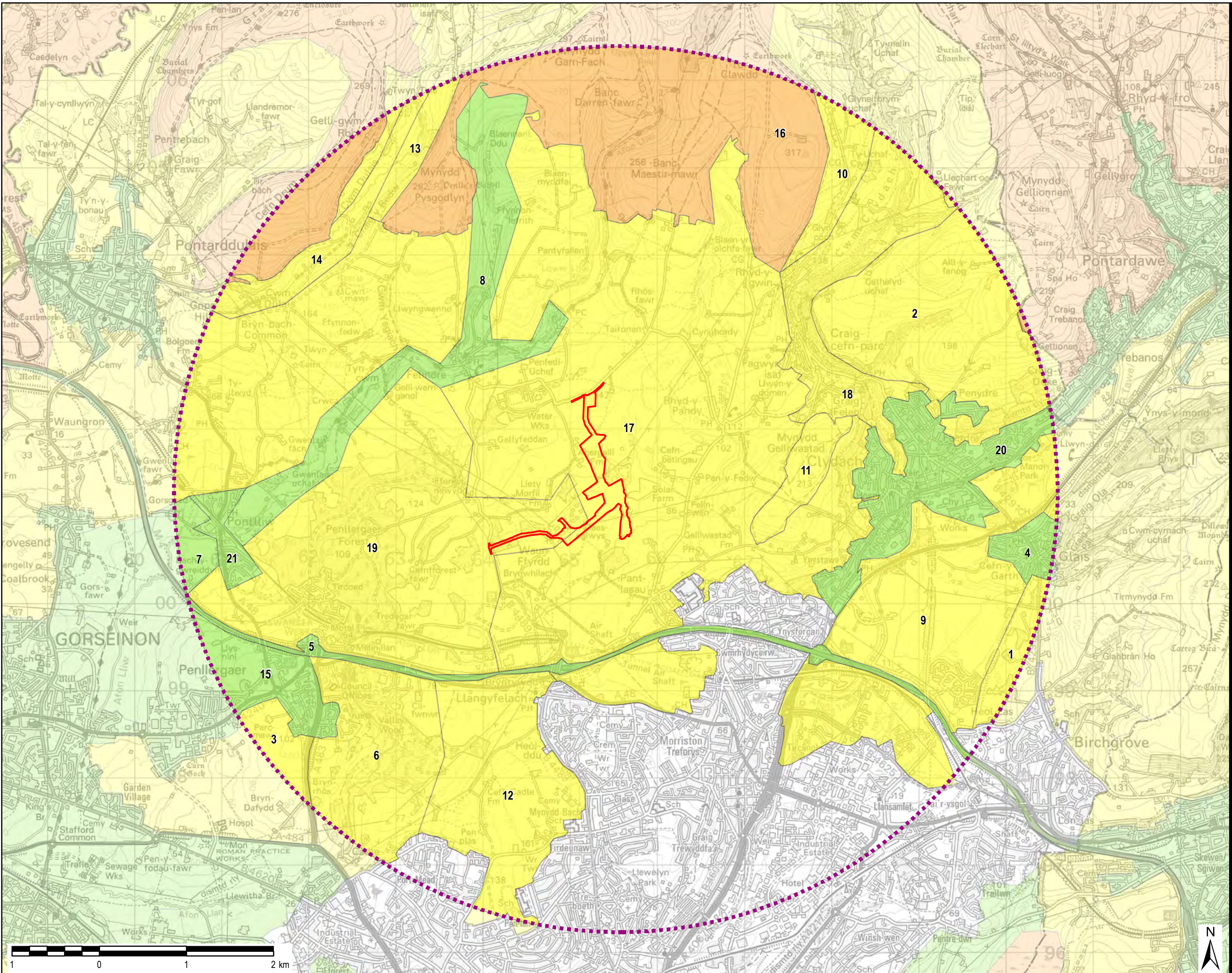
- 15km Study Area
- 5km Study Area
- Project Site Boundary

Visual and Sensory Landscapes
Characters

- Outstanding
- High
- Moderate
- Low

ID	Area Name
1	East of Glais
2	North of Clydach
3	Mynydd Carn Coch & surrounds
4	Glais
5	M4
6	Penbwl Valley, Graig-neddfwch Woods
7	Afon Lliw and surrounds
8	Upper Lliw Valley
9	Afon Tawe
10	East of Banc Maestir Mawr
11	Mynydd Gelliwastad
12	West of Clase
13	Cwmcerdin
14	Surrounding Cwm Dulais
15	Gorseion
16	Pentwyn Mawr
17	Rhyd-y-Pandy
18	Cwm Clydach
19	Penllergaer Forest
20	Clydach
21	Pontliw

LANDMAP ASPECT
DATA - VISUAL
AND SENSORY



Project Title:

ABERGELLI POWER
PROJECT

Client:



LEGEND

15km Study Area

5km Study Area

Project Site Boundary

Landscapes Habitat Characters

Outstanding

High

Moderate

Low

ID	Area Name
1	Mosaic multiple areas
2	Residential / Green Space
3	North of Llansamlet
4	North of Gorseinon and Swansea
5	Mynydd Gelliwastad
6	East of Penltergaer
7	West of Ynystorgon
8	Penltergaer Forest & Valley Wood
9	Mynydd Pysgodlyn
10	Craig Fawr
11	Woods from Pont Lliw-Mynydd Gam Fach
12	Upper Lliw Reservoir and surrounds
13	Mynydd Y Gwair
14	Swansea
15	Cwm Clydach
16	Craig Y Bea
17	Woods N. of Clydach
18	North of Pontardduais
19	Cwm Dulac
20	Wain Y Gam Wen
21	Glas and surrounds
22	Lower Lliw reservoir and surrounds

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

AECOM Internal Project No:

60542910

Drawing Title:

LANDMAP ASPECT
DATA - HABITAT

Scale at A3: 1:40,000

Drawing No:

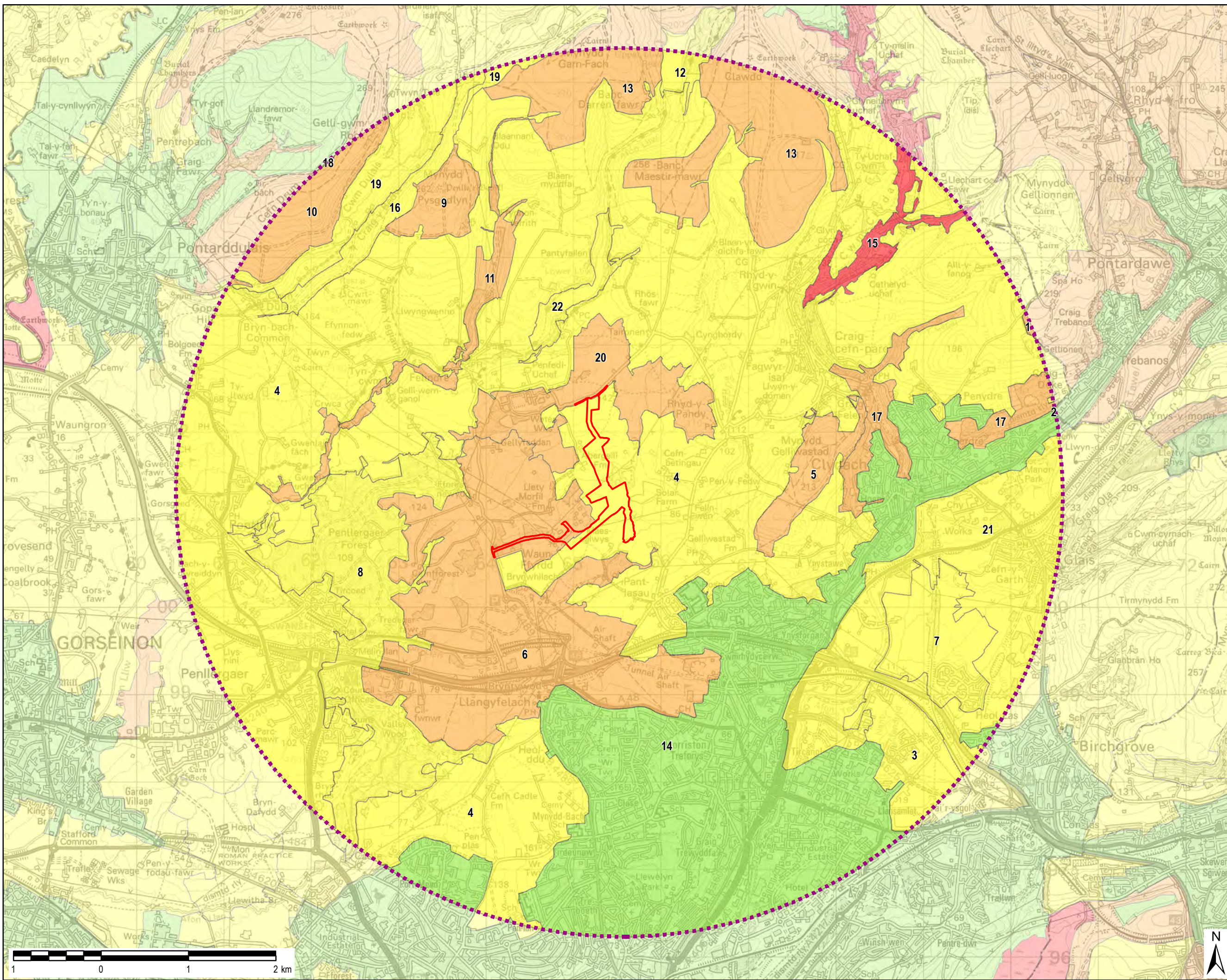
Rev:

FIGURE 11.3

001

Drawn: Chk'd: App'd: Date:

GM: RM: CA: 01/05/18



ABERGELLI POWER
PROJECT

Abergelli
power
A Drax Group company

 15km Study Area
 5km Study Area
 Project Site Boundary

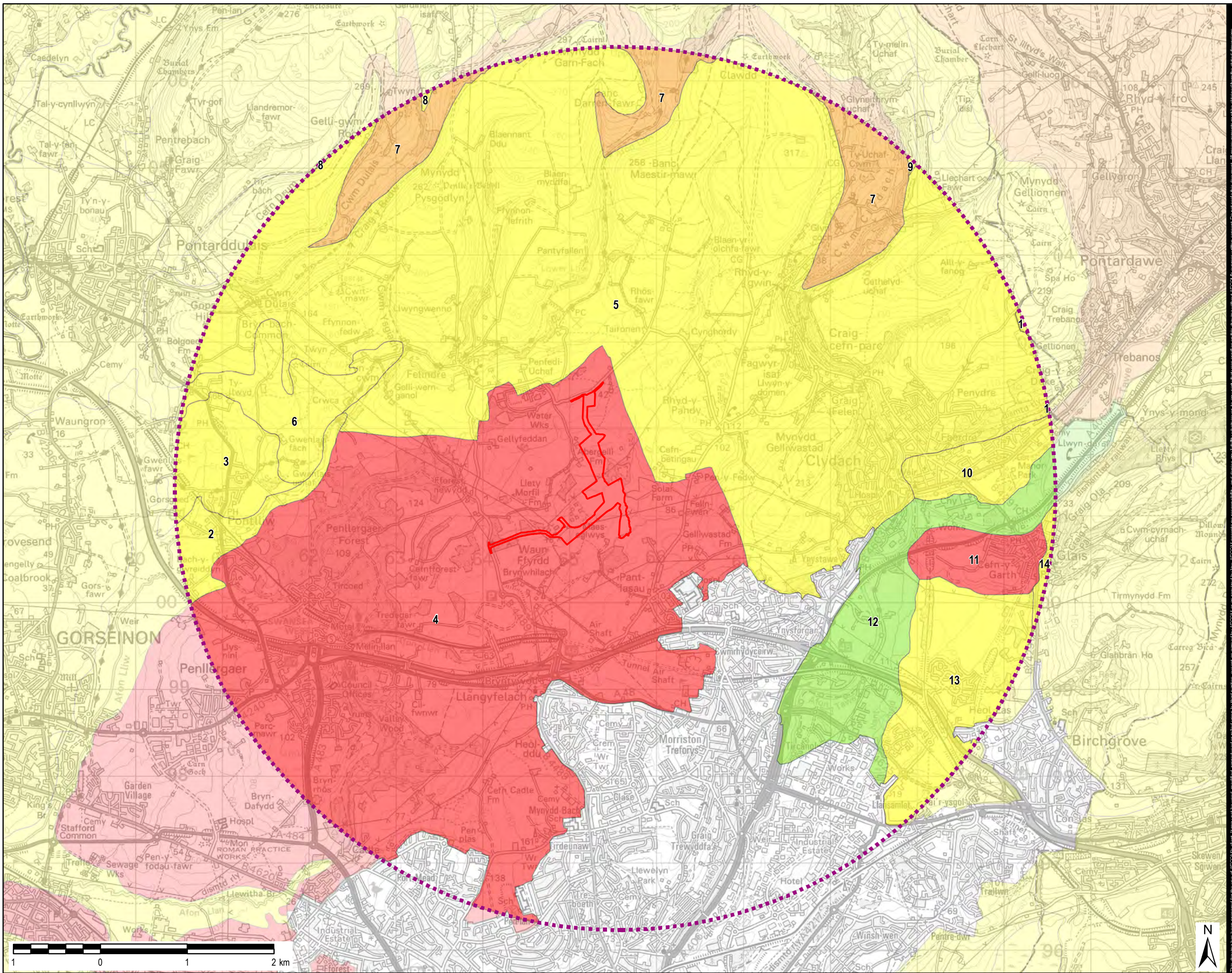
- Outstanding
- High
- Moderate
- Low

ID	Area Name
1	Trebanog
2	Loughor, Lliw
3	Loughor
4	Penlirgaer
5	Mynydd Pysgodlyn
6	Pontardulais
7	Banc Darren-fawr
8	Graig Fawr
9	Cwm Clydach
10	Cae Pant y dugoed
11	Glais
12	Tawe
13	Coed Glyn y Gors
14	Mynydd Drumau

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

LANDMAP ASPECT
DATA - GEOLOGICAL

Drawn:	Chk'd:	App'd:	Date:
GM	RM	CA	01/05/18





LEGEND

- 15km Study Area
- 5km Study Area
- Project Site Boundary

Historic Landscape Character

- Un-assessed Area
- Outstanding
- High
- Moderate
- Low

ID	Area Name
1	Clydach Cwm Du
2	Swansea Valley Bottom
3	H28 Northern Upland Commons
4	H23 Loughor, Gorseinon and Penlgeraer
5	Built Environment - Swansea
6	H27 Gower Supraboscus Agricultural
7	H30 Lower Tawe Valley
8	H22 Lower Loughor and Lliw Valleys
9	H29 Clydach, Trebanos and Glais
10	H25 Penlgeraer Forest
11	H24 Penlgeraer Park

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

AECOM Internal Project No:

60542910

Drawing Title:

LANDMAP ASPECT
DATA - HISTORIC

Scale at A3: 1:40,000

Drawing No:

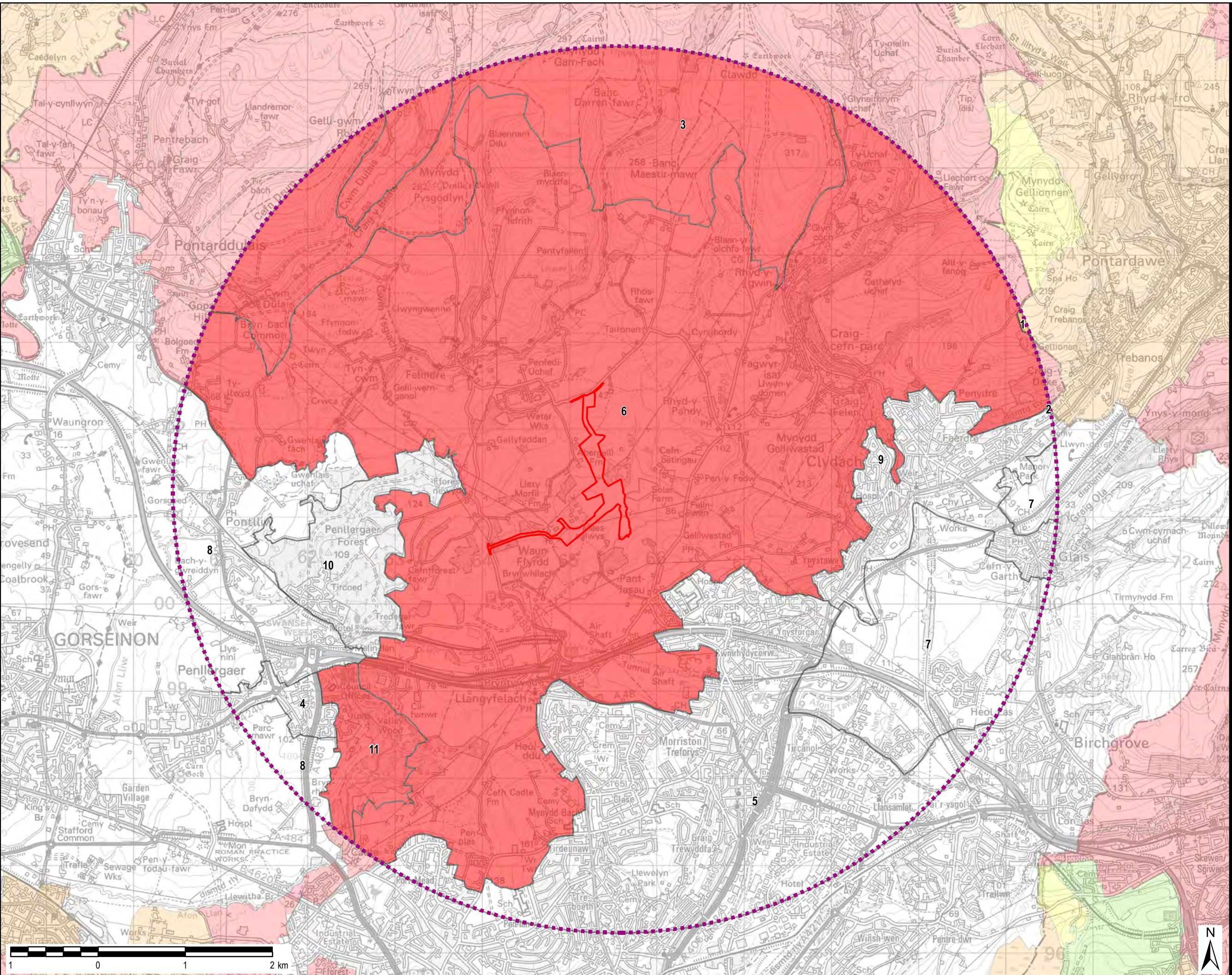
FIGURE 11.5

Drawn: Chk'd: App'd: Date:

GM RM CA 01/05/18

Rev:

001



ABERGELLI POWER
PROJECT



LEGEND

15km Study Area

5km Study Area

Project Site Boundary

Cultural Landscape Character

Outstanding

High

Moderate

Low

ID	Area Name
1	Pontardawe, Trebanos, Ynysmeudwy and God
2	Western High Ridge: Mynydd y Garth, Cefn
3	M4 Motorway
4	Hospitals
5	Swansea Enterprise Park
6	Golf Courses
7	Reservoirs
8	Local government & Law
9	Penlirgaer Parc etc.
10	Penlirgaer Park
11	Birchgrove and Glais
12	Clydach
13	Craig Cefn Park
14	The Mawr
15	Industrial Estates & Business Parks
16	Velindre Development Site
17	Greater Swansea
18	Rural landscapes

LANDMAP ASPECT
DATA - CULTURAL

Scale at A3: 1:40,038.53

Drawing No:

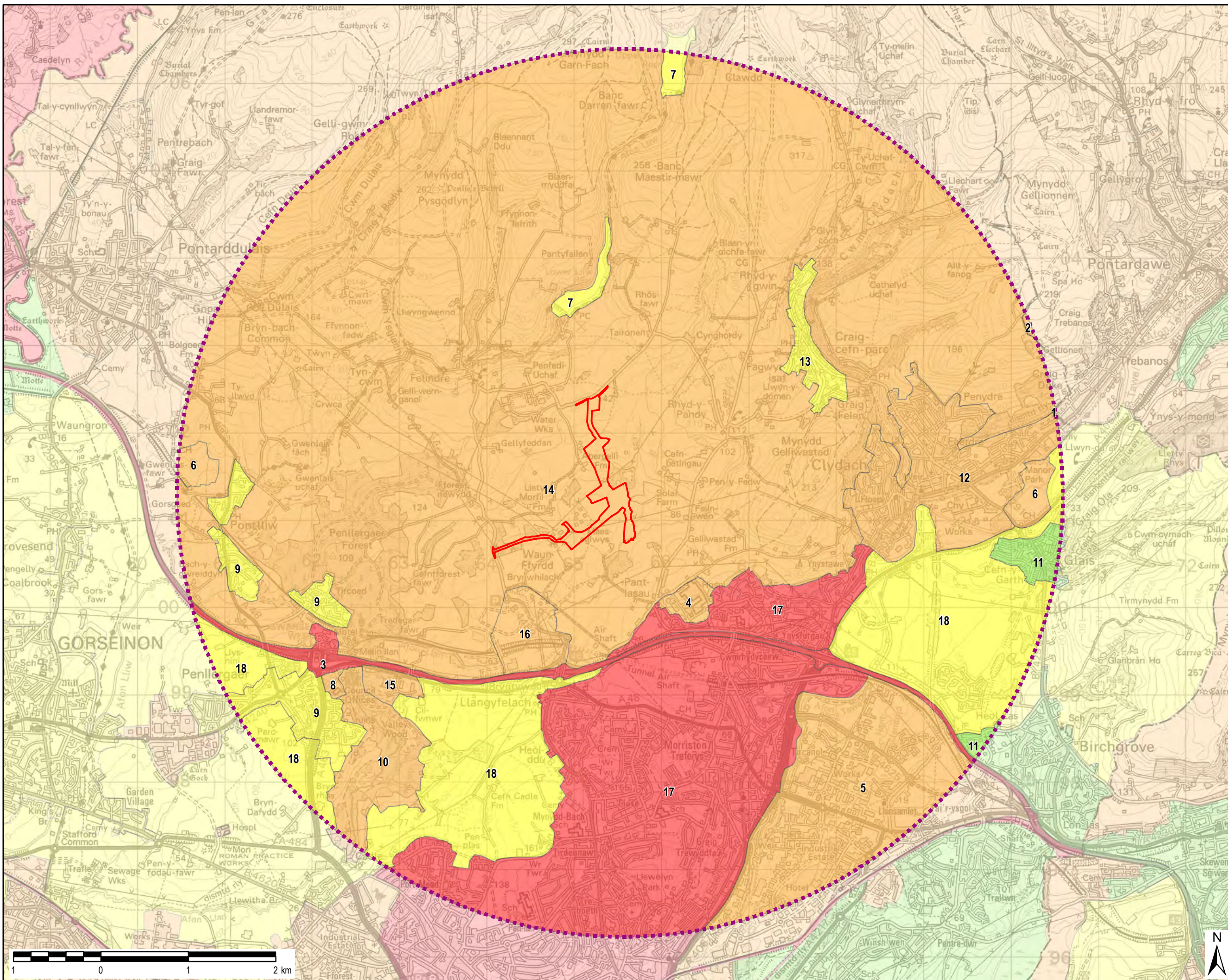
Rev:

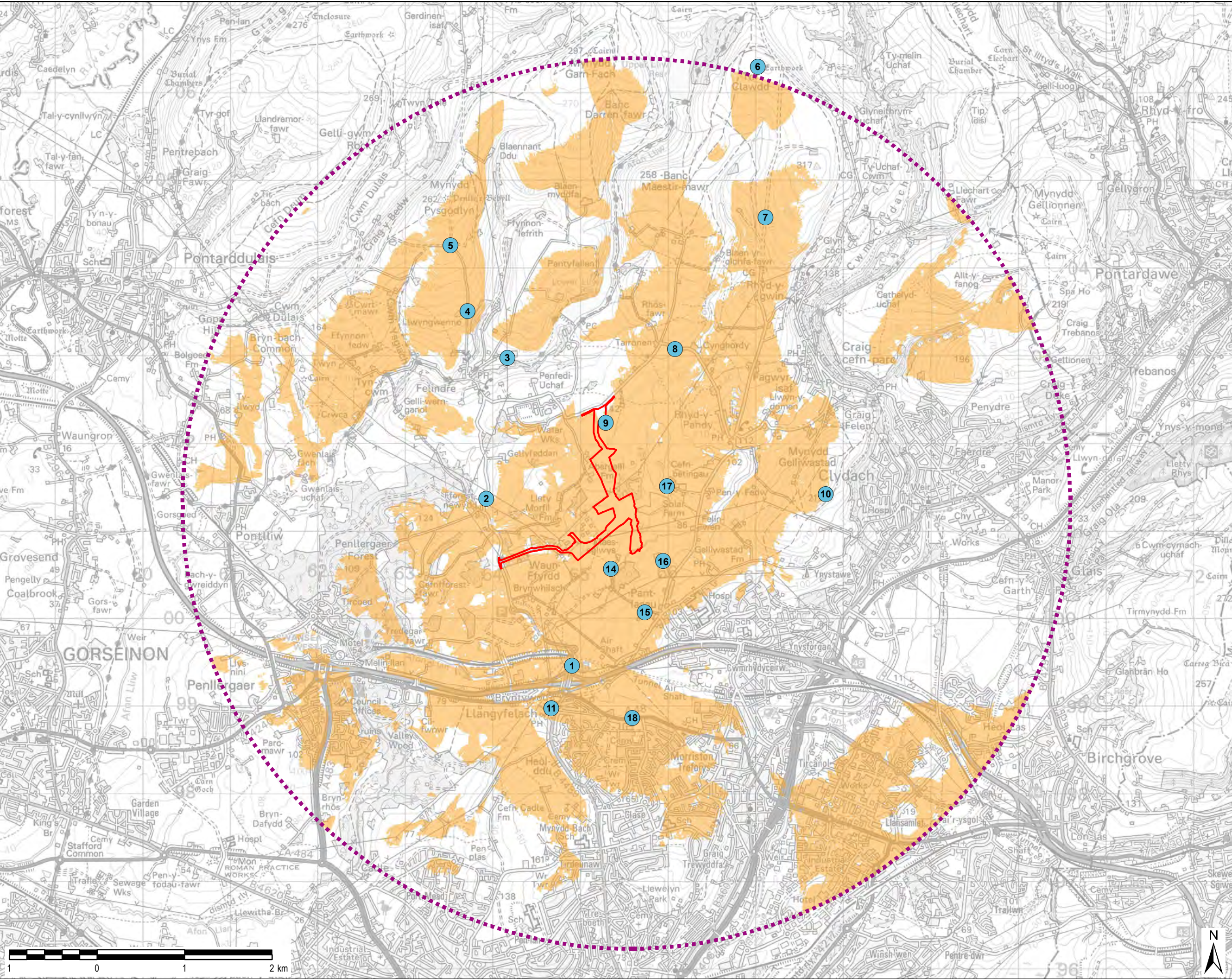
FIGURE 11.6

001

Drawn: Chk'd: App'd: Date:

GM RM CA 01/05/18





AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

ABERGELLI POWER
PROJECT

Client:



LEGEND

- Viewpoints
- Project Site Boundary
- 5km Study Area
- Zone of Theoretical Visibility (ZTV) including proposed stack height

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

AECOM Internal Project No:

60542910

Drawing Title:

ZTV AND VIEWPOINTS
UP TO 5KM

Scale at A3: 1:40,000

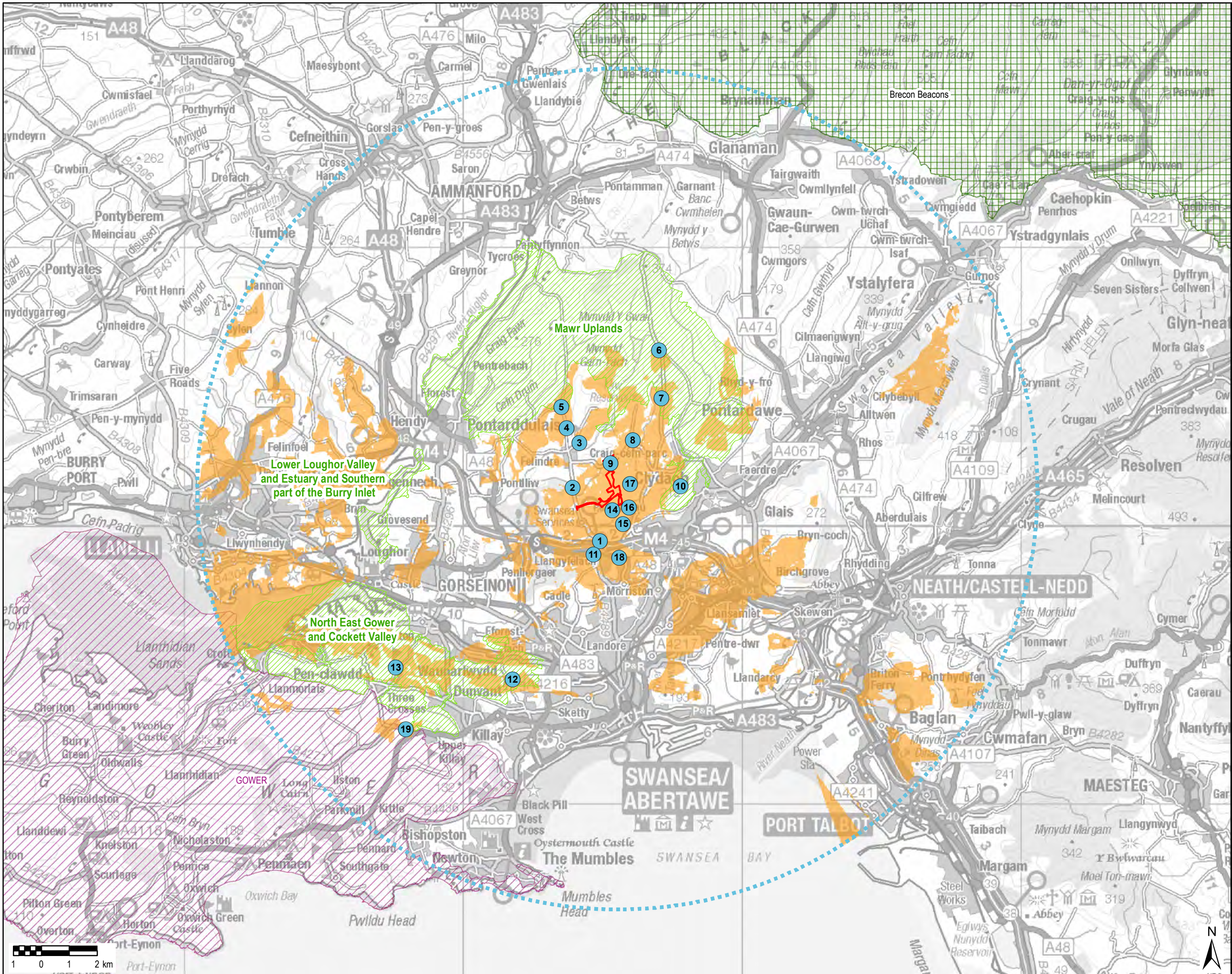
Drawing No: Rev:

FIGURE 11.7 001

Drawn: Chk'd: App'd: Date:

GM RM CA 01/05/18

- Viewpoints
- 15km Study Area
- Project Site Boundary
- Special Landscape Areas
- Zone of Theoretical Vision (ZTV) including proposed stack height
- Area of Outstanding Natural Beauty
- National Park





LEGEND

- Project Site Boundary
- 5km Study Area
- Zone of Theoretical Visibility (ZTV) including proposed stack height
- Outstanding
- High
- Moderate
- Low

ID	Area Name
1	East of Glais
2	North of Clydach
3	Mynydd Cam Coch & surrounds
4	Glais
5	M4
6	Penbwl, Valley, Graig-neddffwch Woods
7	Afon Lliw and surrounds
8	Upper Lliw Valley
9	Afon Tawe
10	East of Banc Maestir Mawr
11	Mynydd Gelliwasad
12	West of Clase
13	Cwmcderinen
14	Surrounding Cwm Dulais
15	Gorseinon
16	Pentwyn Mawr
17	Rhydy-Pandy
18	Cwm Clydach
19	Penllergaer Forest
20	Clydach
21	Pontllw

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

AECOM Internal Project No:

60542910

Drawing Title:

ZTV AND VISUAL AND
SENSORY LANDMAP
ASPECT DATA

Scale at A3: 1:40,000

Drawing No:

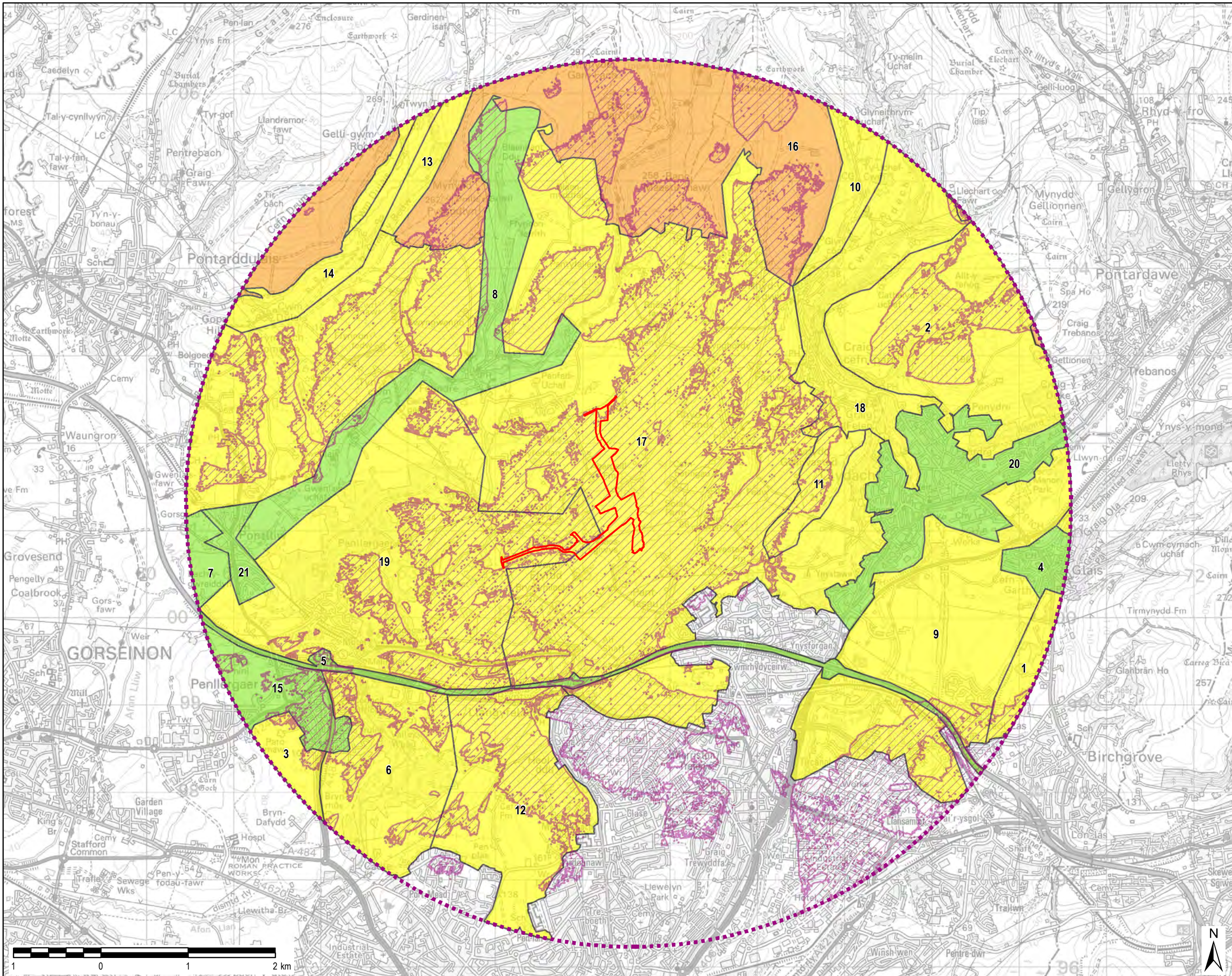
FIGURE 11.9

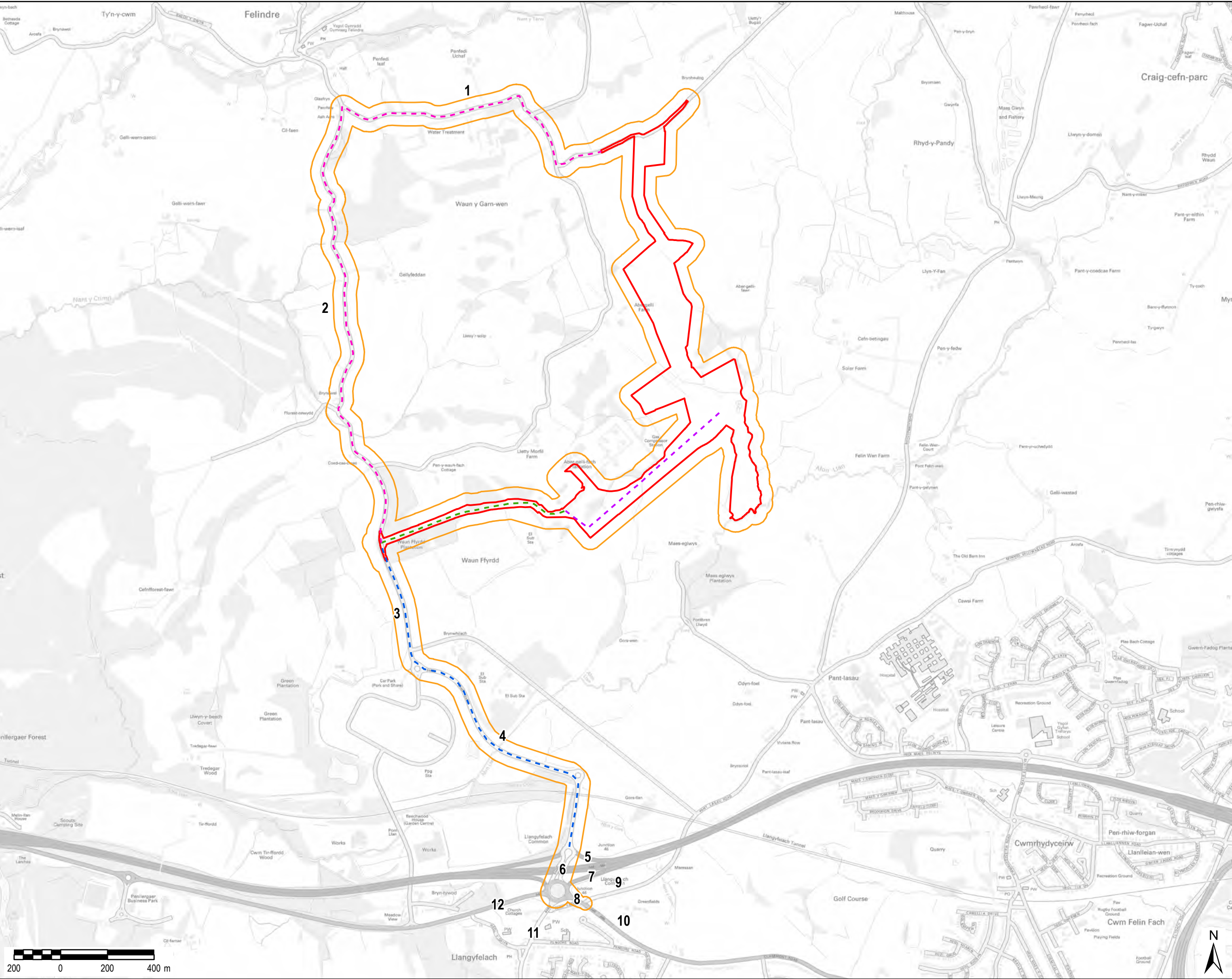
Drawn: Chk'd: App'd: Date:

GM RM CA 01/05/18

Rev:

001





AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

ABERGELLI POWER
PROJECT

Client:



LEGEND

- Project Site Boundary
- 50m Study Area
- Local/Strategic Highway Network to Existing Access Road
- Existing Access Road (B4489 to National Grid)
- New Section of Access Road
- AGI

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

AECOM Internal Project No:

60542910

Drawing Title:

STUDY AREA

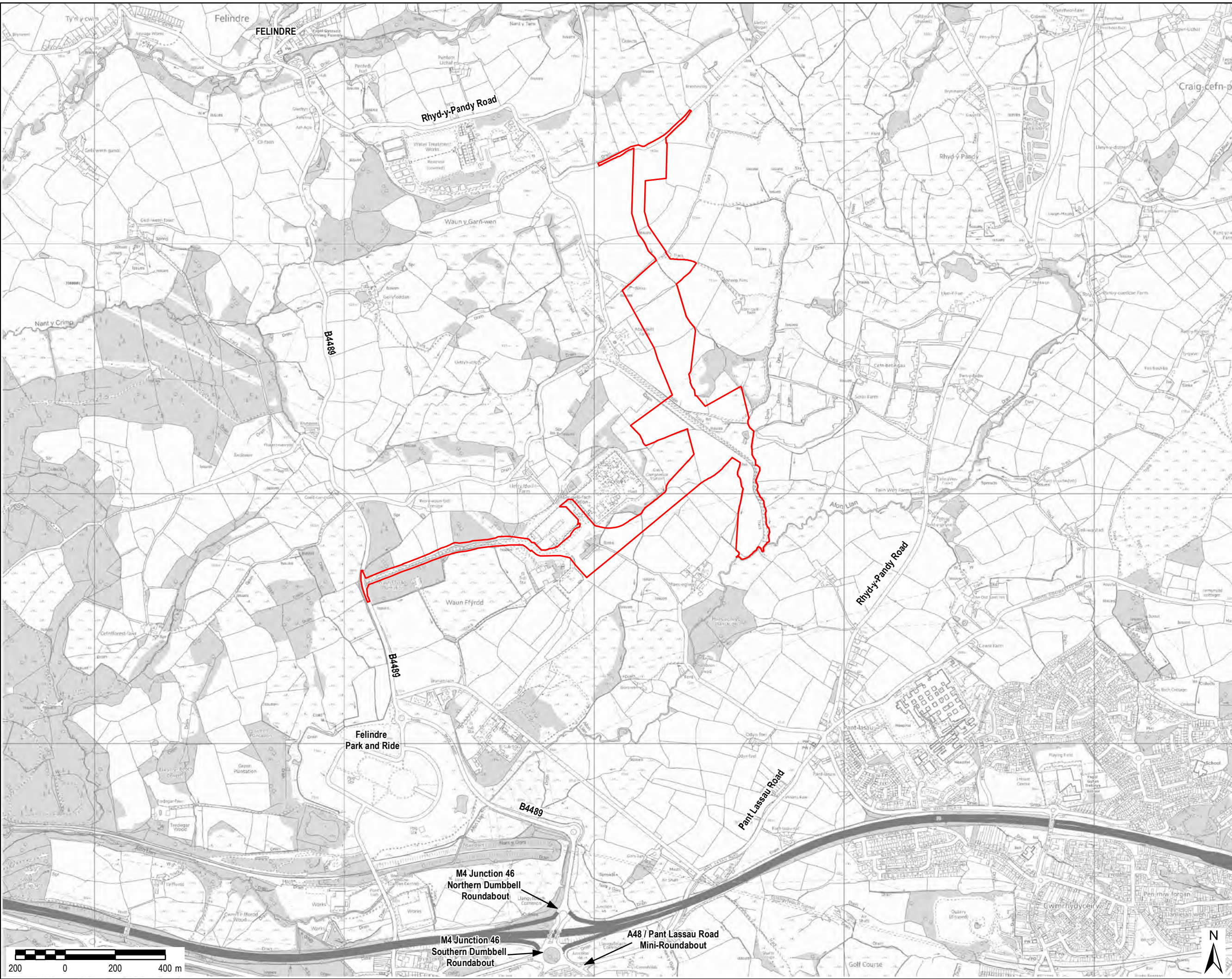
Scale at A3: 1:15,000

Drawing No: Rev:

FIGURE 12.1 001

Drawn: Chk'd: App'd: Date:

GM NW CA 02/05/18



AECOM

AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

**ABERGELLI POWER
PROJECT**

Client:



LEGEND

Project Site Boundary

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

AECOM Internal Project No:

60542910

Drawing Title:

**LOCAL HIGHWAY
NETWORK**

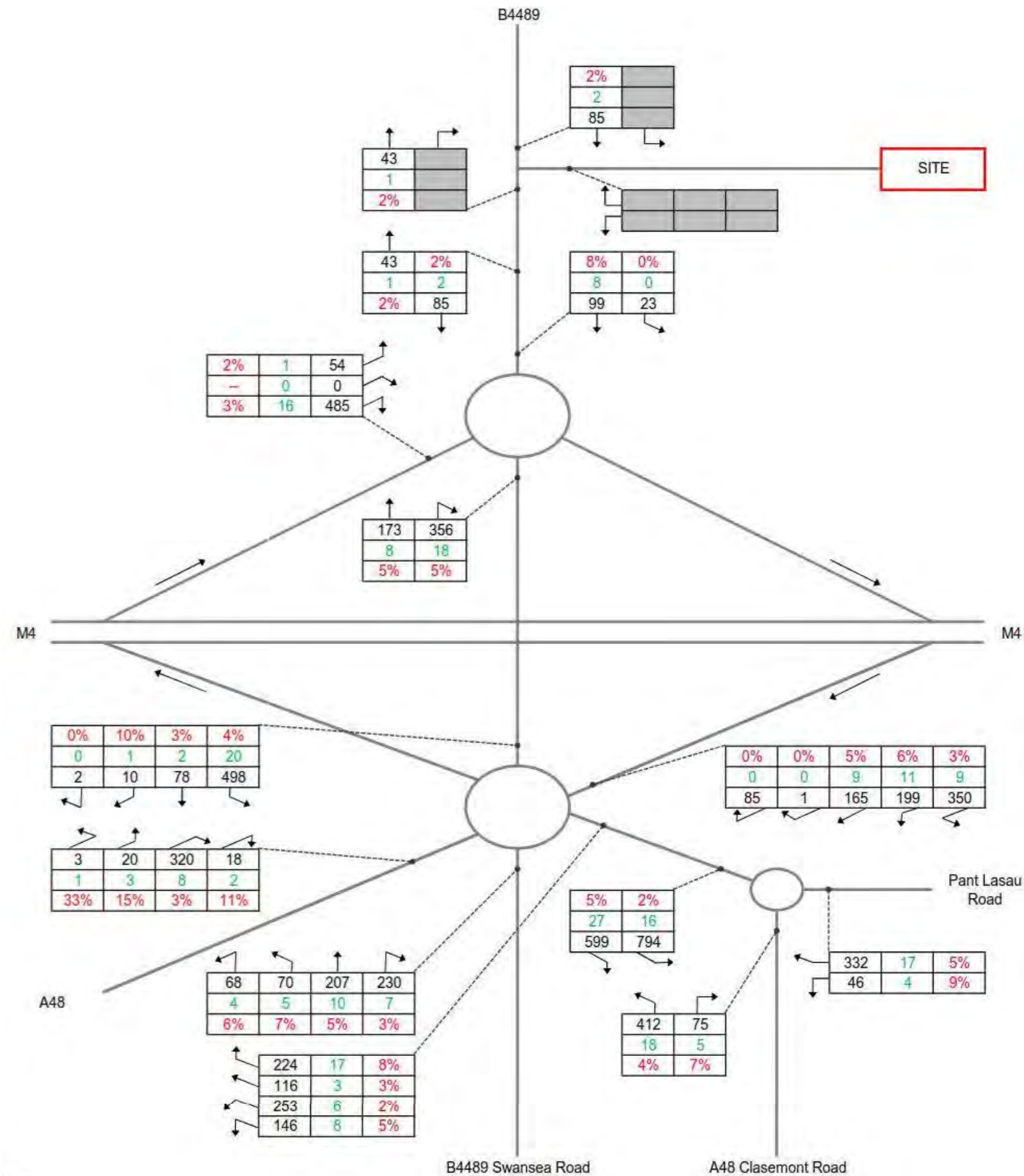
Scale at A3: 1:14,000

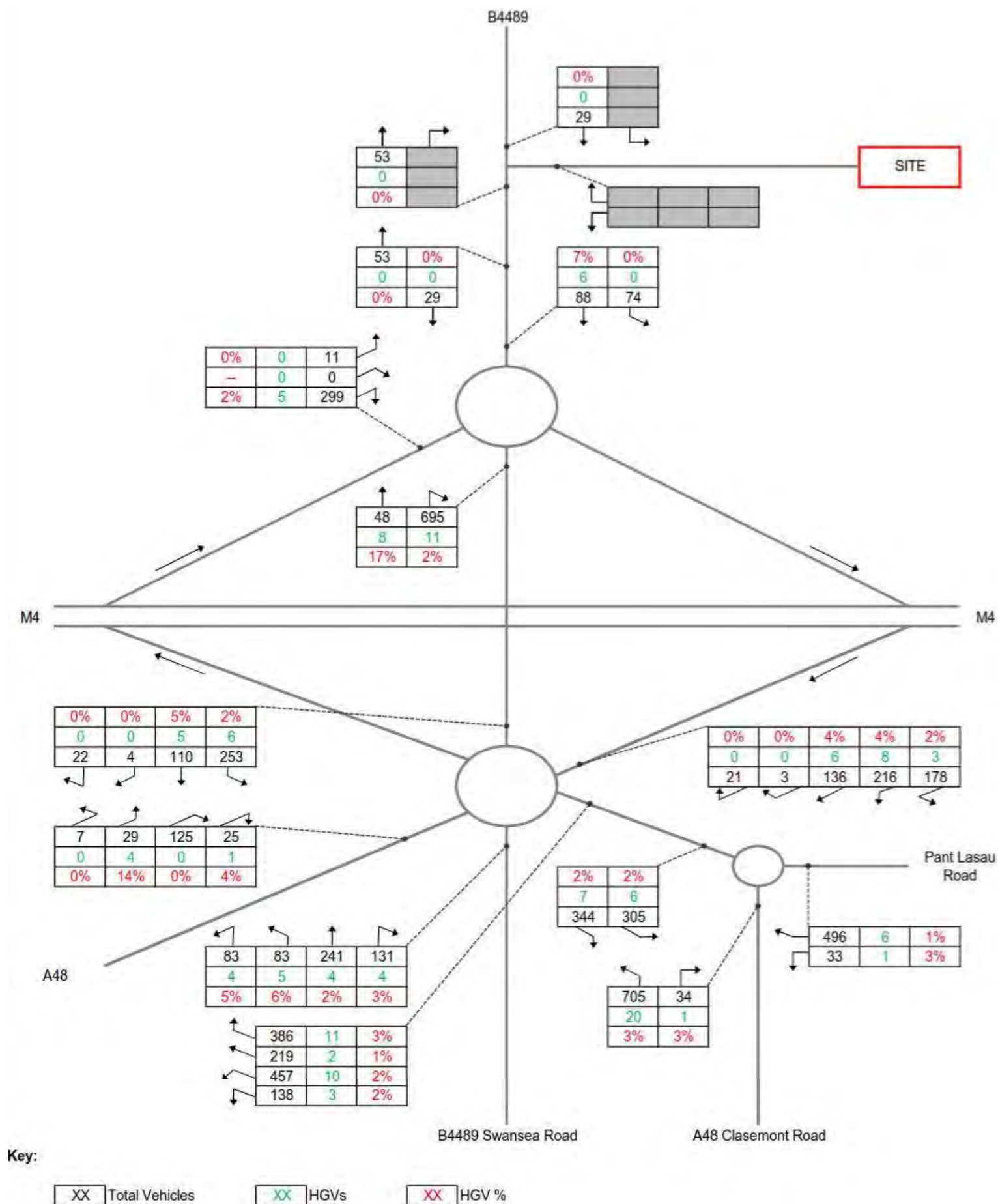
Drawing No:

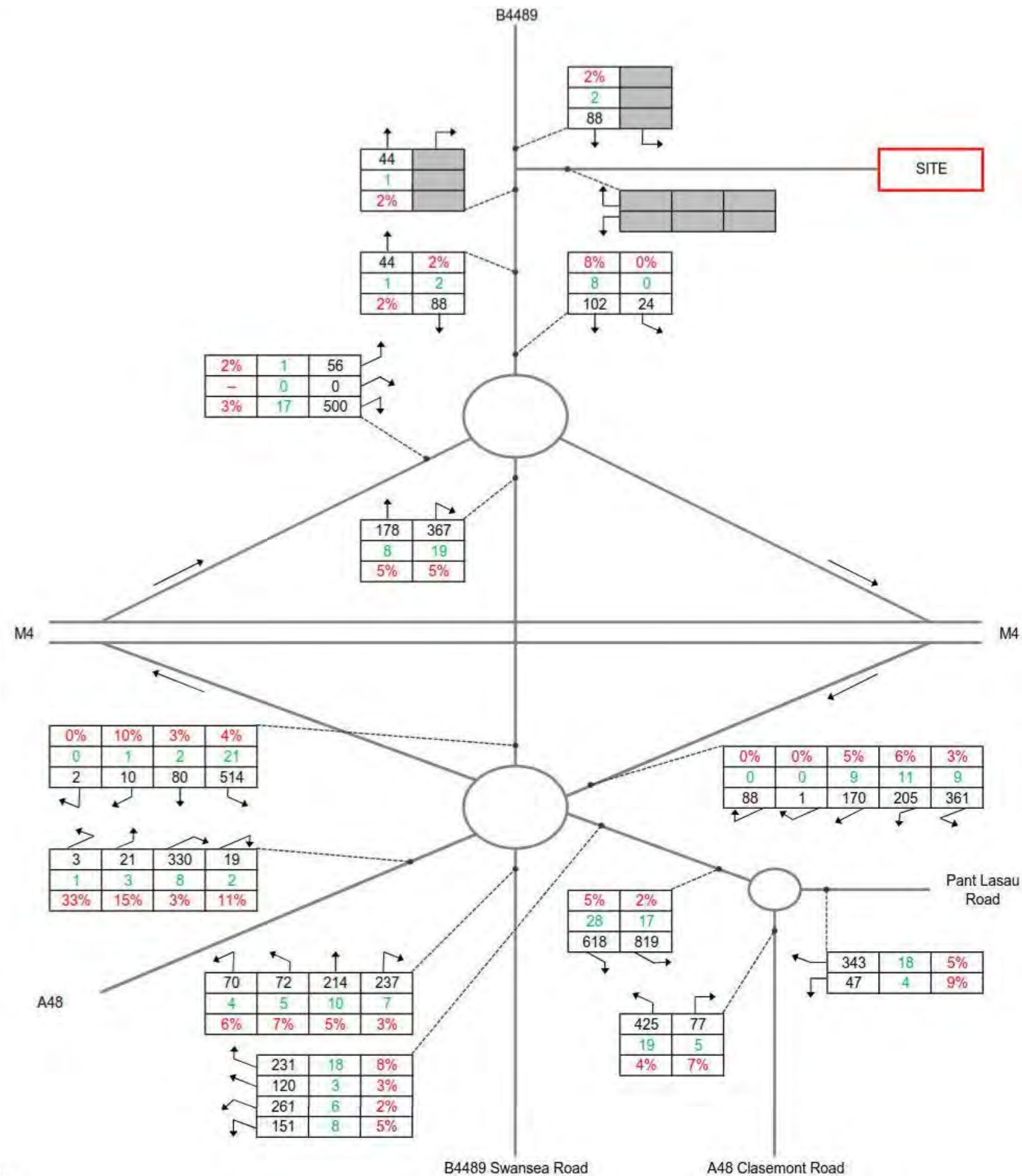
FIGURE 12.2

Drawn: Chk'd: App'd: Date:

GM NW CA 02/05/18







Key:

XX Total Vehicles XX HGVs XX HGV %

Notes:

1. TEMPro Weekday AM Peak Growth Factor = 1.0317 (applied to all movements).
2. Cells highlighted in grey indicate that this movement has not been surveyed.

Copyright:

AECOM Internal Project No:

60542910

Drawing Title:

TRAFFIC FLOWS – 2017
BASE YEAR: WEEKDAY
AM PEAK HOUR

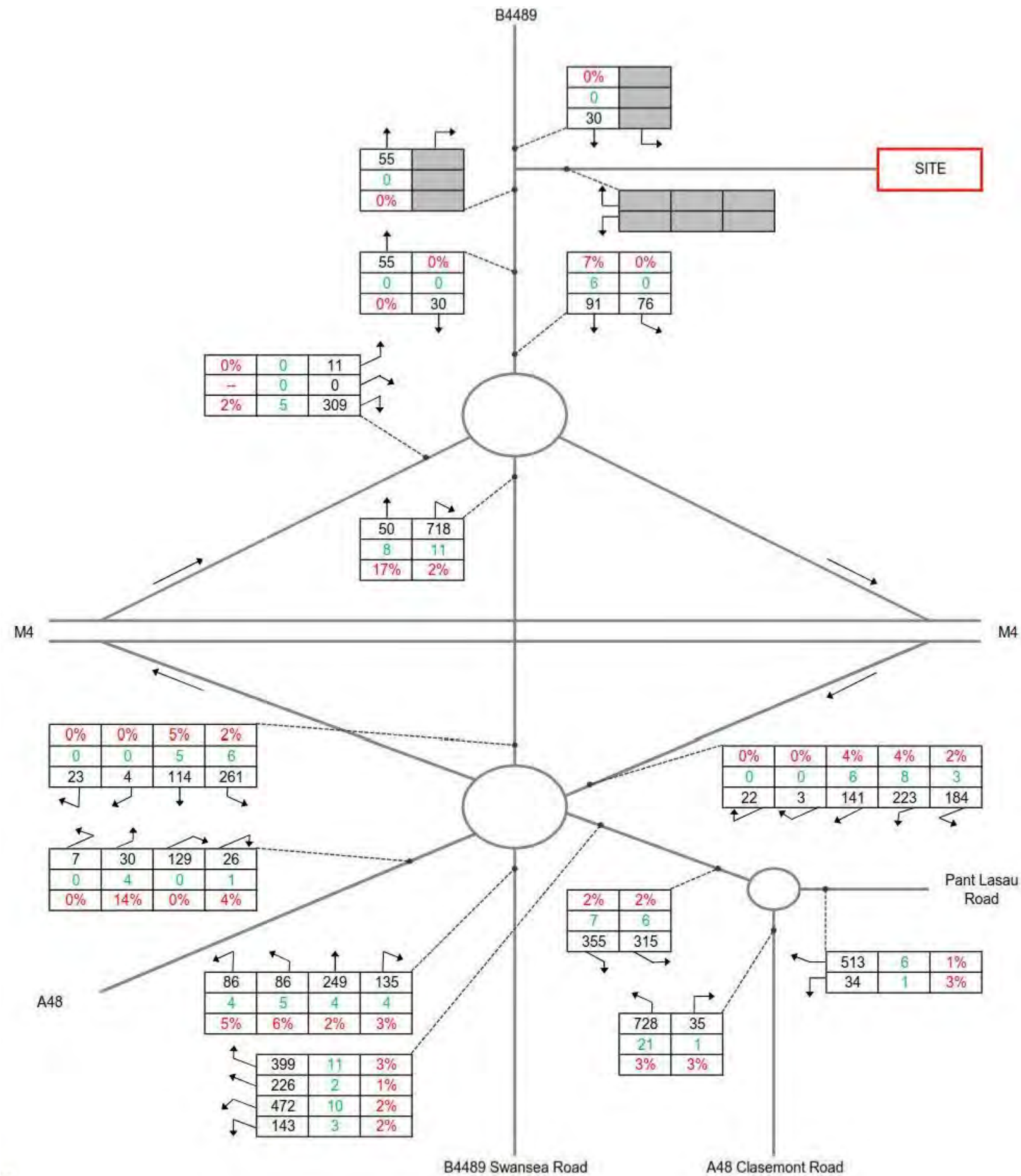
Scale at A3: Not To Scale

Drawing No: Rev:

FIGURE 12.5 001

Drawn: Chk'd: App'd: Date:

GM: NW CA 02/05/18



Key:

XX Total Vehicles

XX HGVs

XX HGV %

Notes:

1. TEMPro Weekday AM Peak Growth Factor = 1.0333 (applied to all movements).
2. Cells highlighted in grey indicate that this movement has not been surveyed.

Copyright:

AECOM Internal Project No:

60542910

Drawing Title:

TRAFFIC FLOWS – 2017
BASE YEAR: WEEKDAY
PM PEAK HOUR

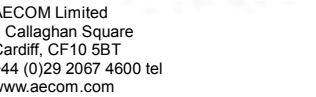
Scale at A3: Not To Scale

Drawing No: Rev:

FIGURE 12.6 001

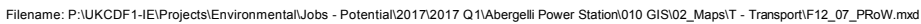
Drawn: Chk'd: App'd: Date:

GM: NW CA 02/05/18

ABERGELLI POWER
PROJECT

Abergelli
power
A Drexel Group company

- Project Site Boundary
- Bridleway
- Footpath
- Traffic Free Cycle Route
- Footway



© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

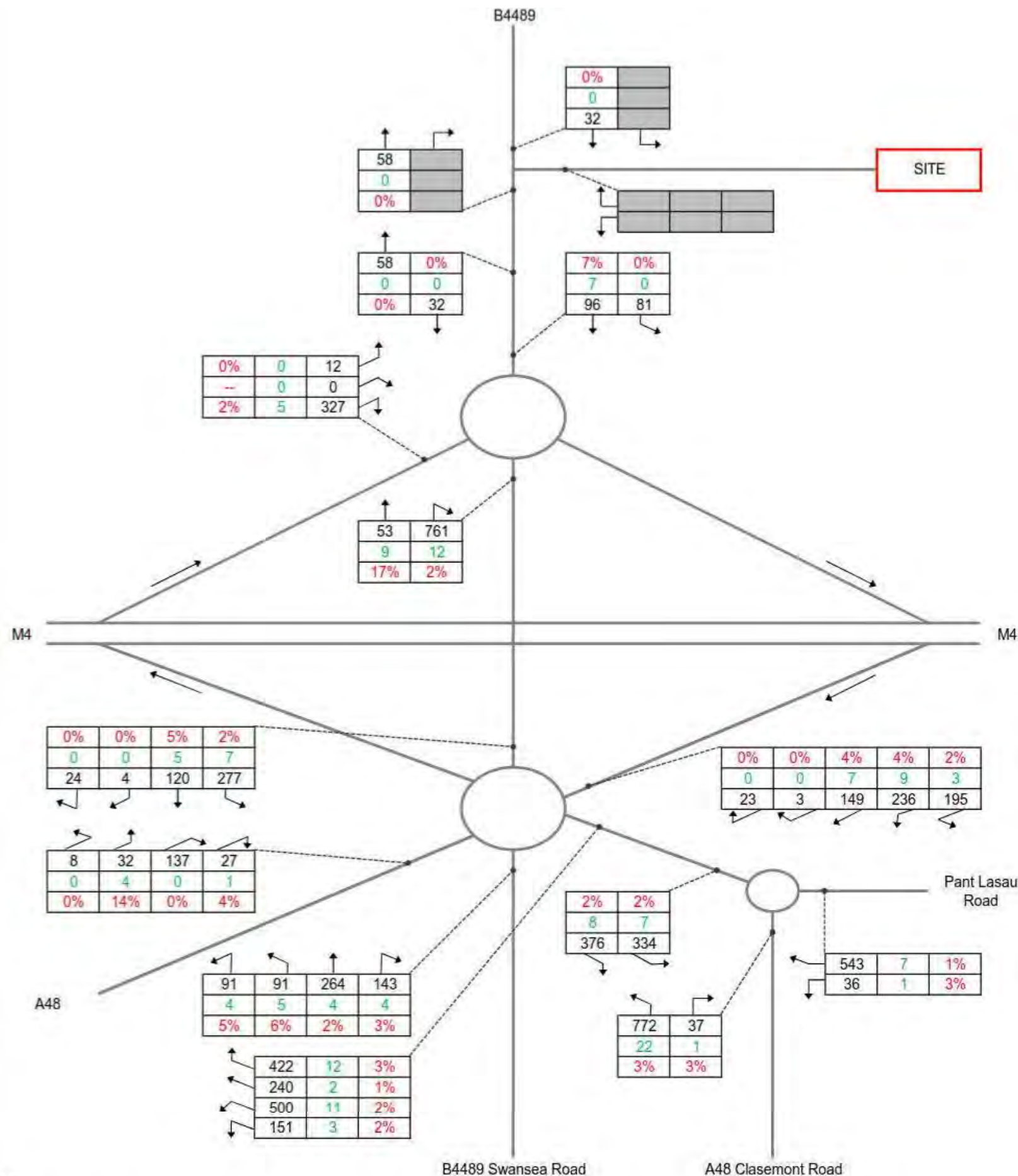
0542910

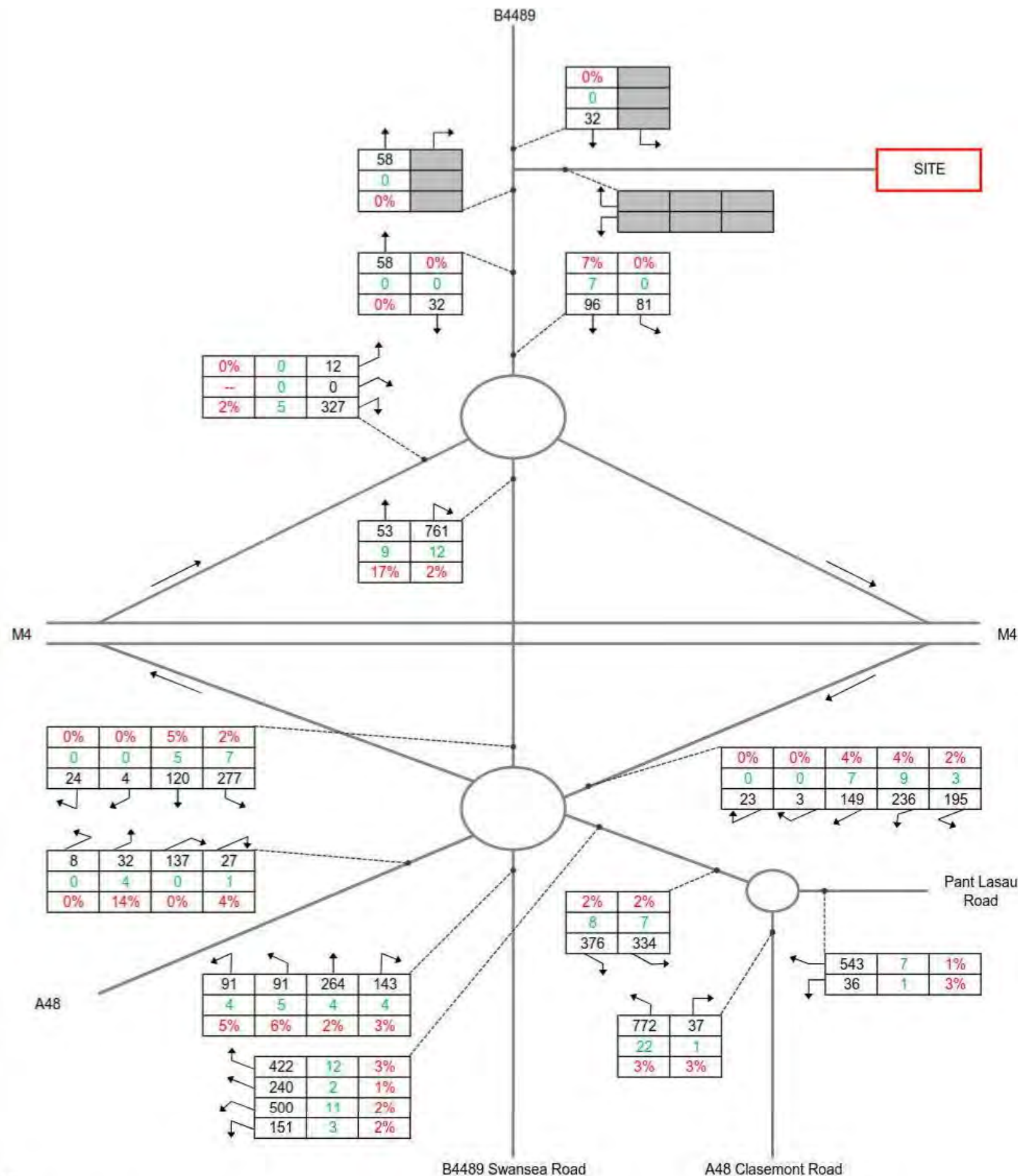
PEDESTRIAN AND CYCLE ROUTES AND PUBLIC RIGHTS OF WAY

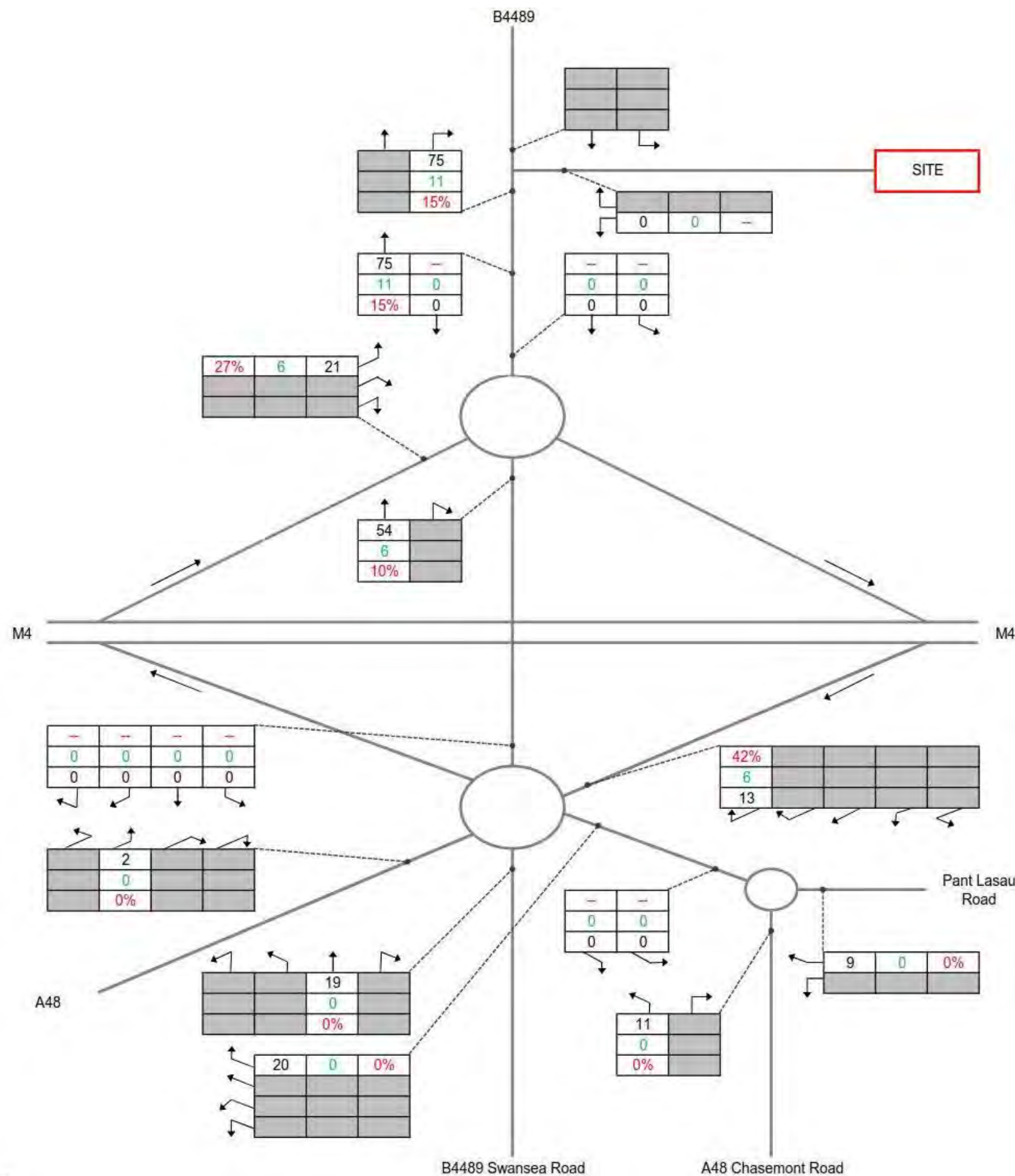
Drawing No: _____ Rev: _____

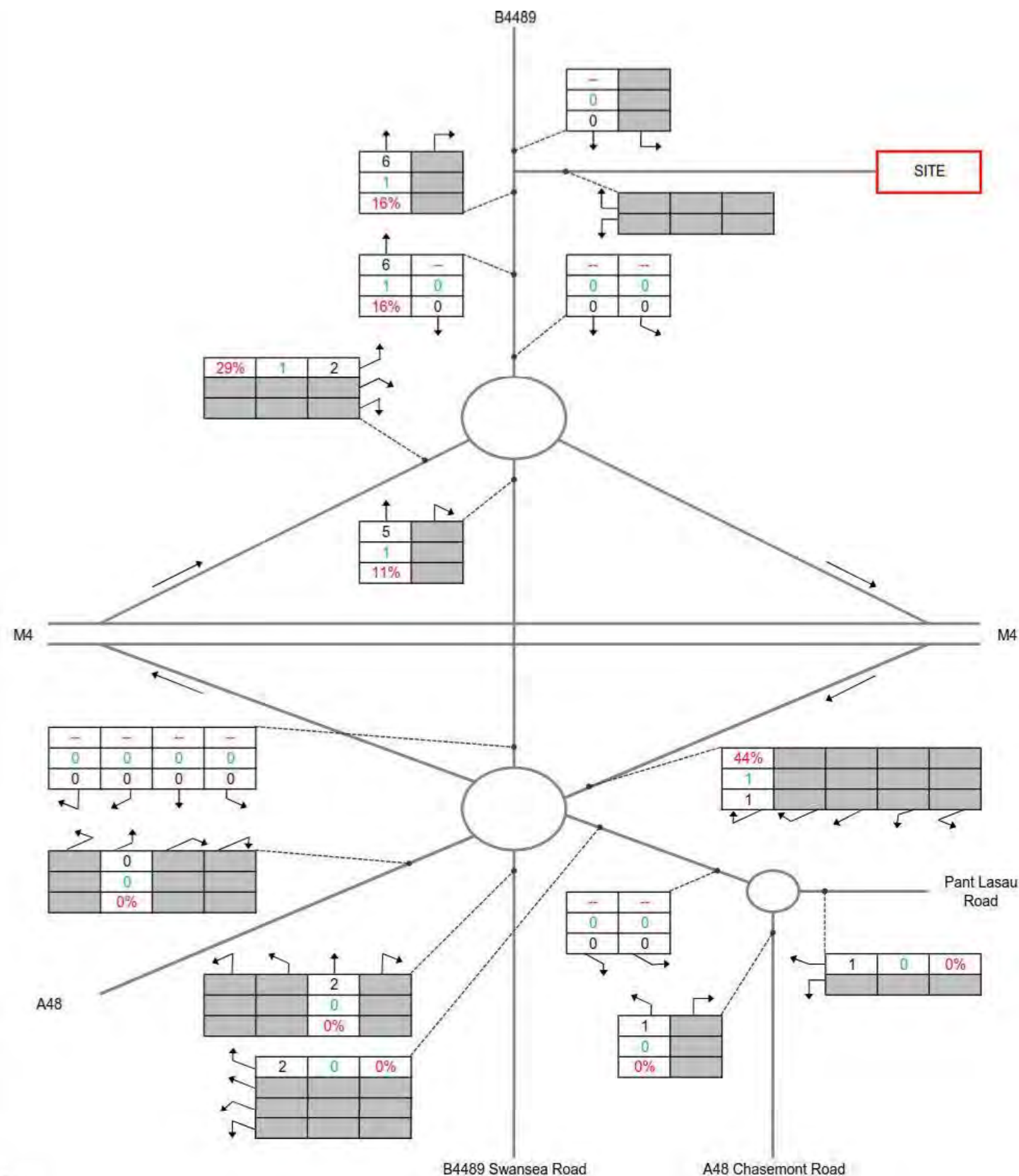
Drawn: Chk'd: App'd: Date:

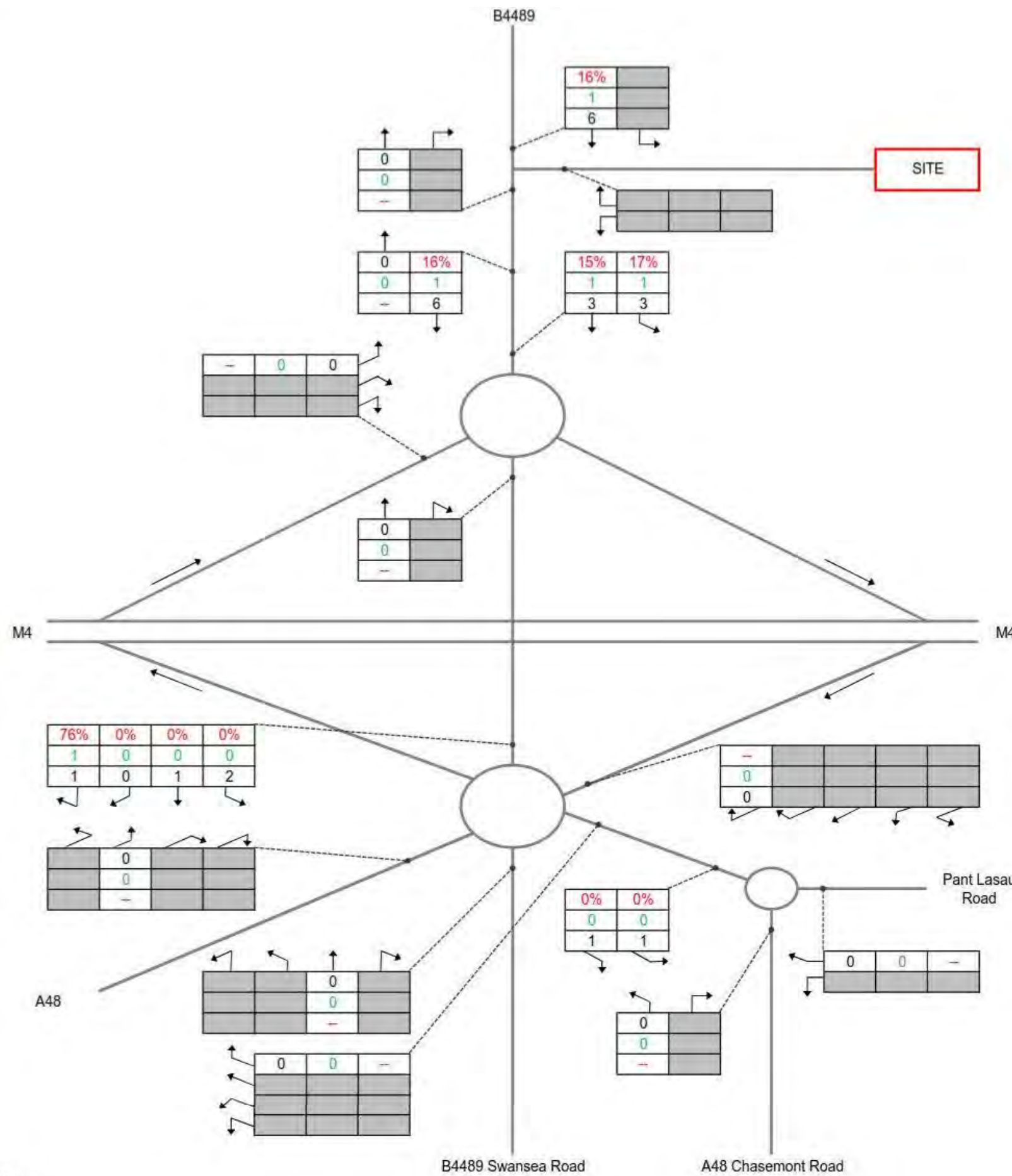
GM NW CA 02/05/18











Key:

XX Total Vehicles

XX HGVs

XX HGV %

Notes:

1. Cells highlighted in grey indicate that this movement is not available.

Copyright:

AECOM Internal Project No:

60542910

Drawing Title:

TRAFFIC FLOWS – GAS
CONNECTION
CONSTRUCTION TRAFFIC:
WEEKDAY AM PEAK HOUR

Scale at A3: Not To Scale

Drawing No:

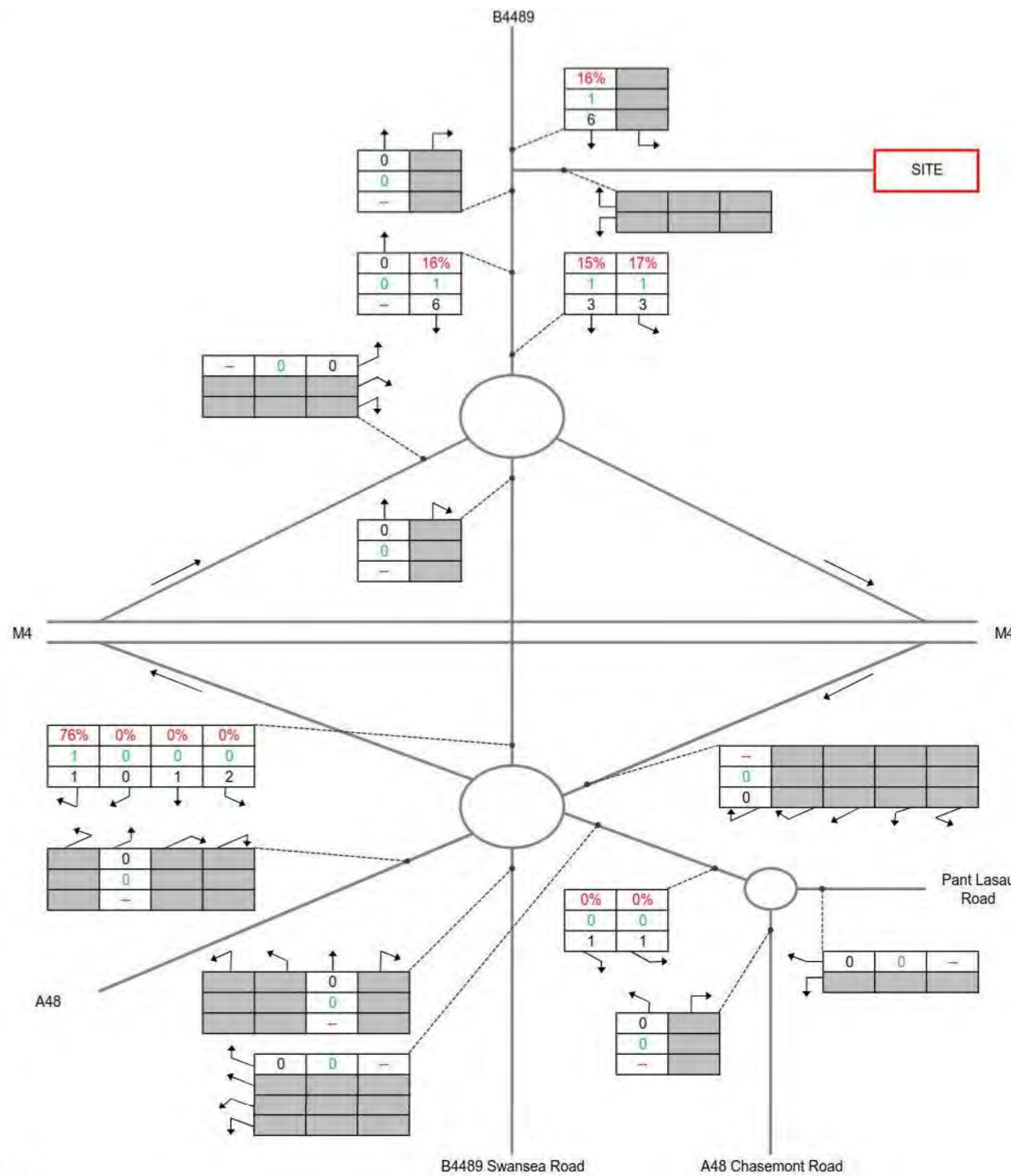
Rev:

FIGURE 12.12

001

Drawn: Chk'd: App'd: Date:

GM: NW CA 02/05/18



Key:

XX Total Vehicles

XX HGVs

XX HGV %

Notes:

1. Cells highlighted in grey indicate that this movement is not available.

Copyright:

AECOM Internal Project No:

60542910

Drawing Title:

TRAFFIC FLOWS – GAS
CONNECTION
CONSTRUCTION
TRAFFIC: WEEKDAY
PM PEAK HOUR

Scale at A3: Not To Scale

Drawing No:

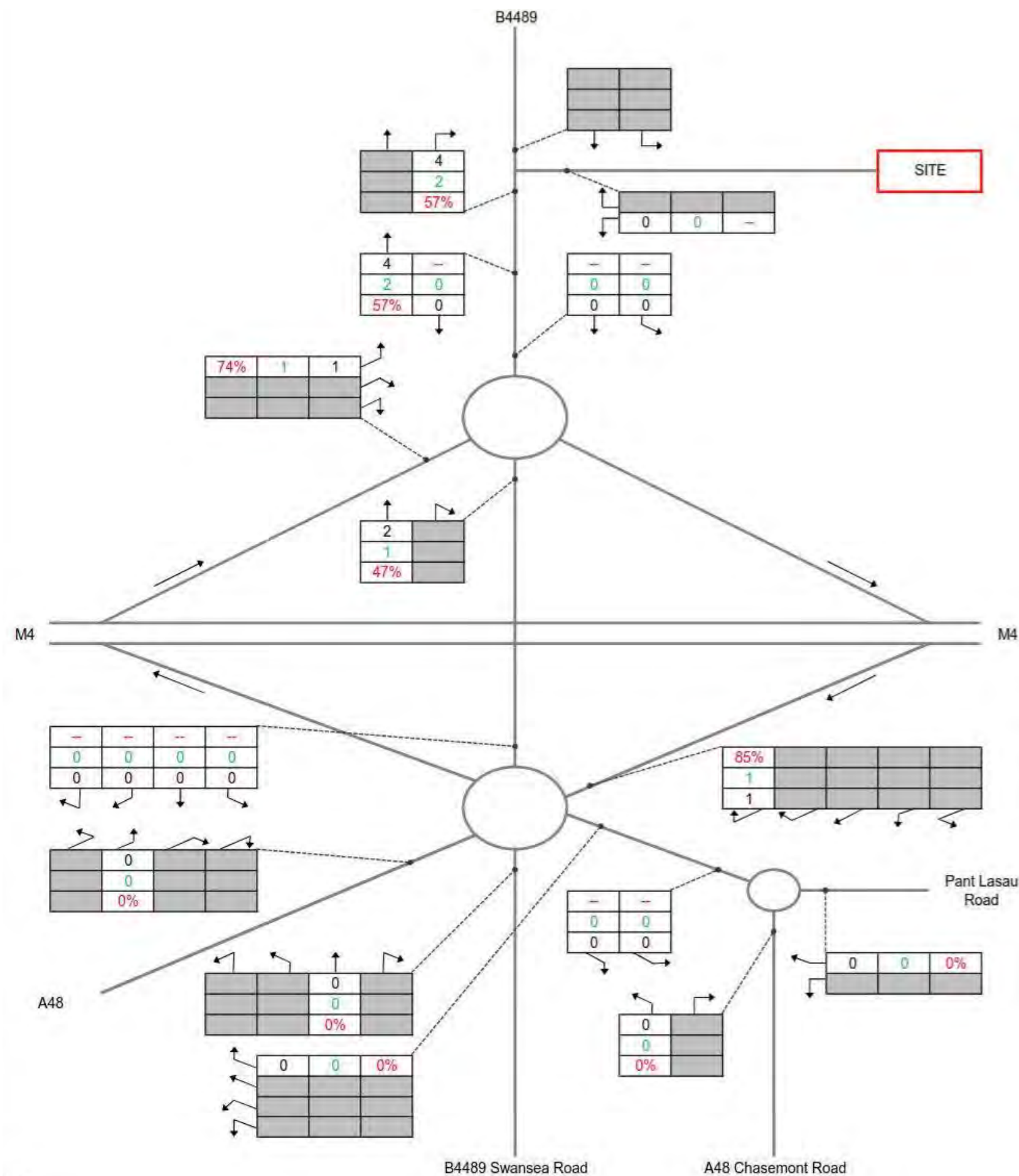
Rev:

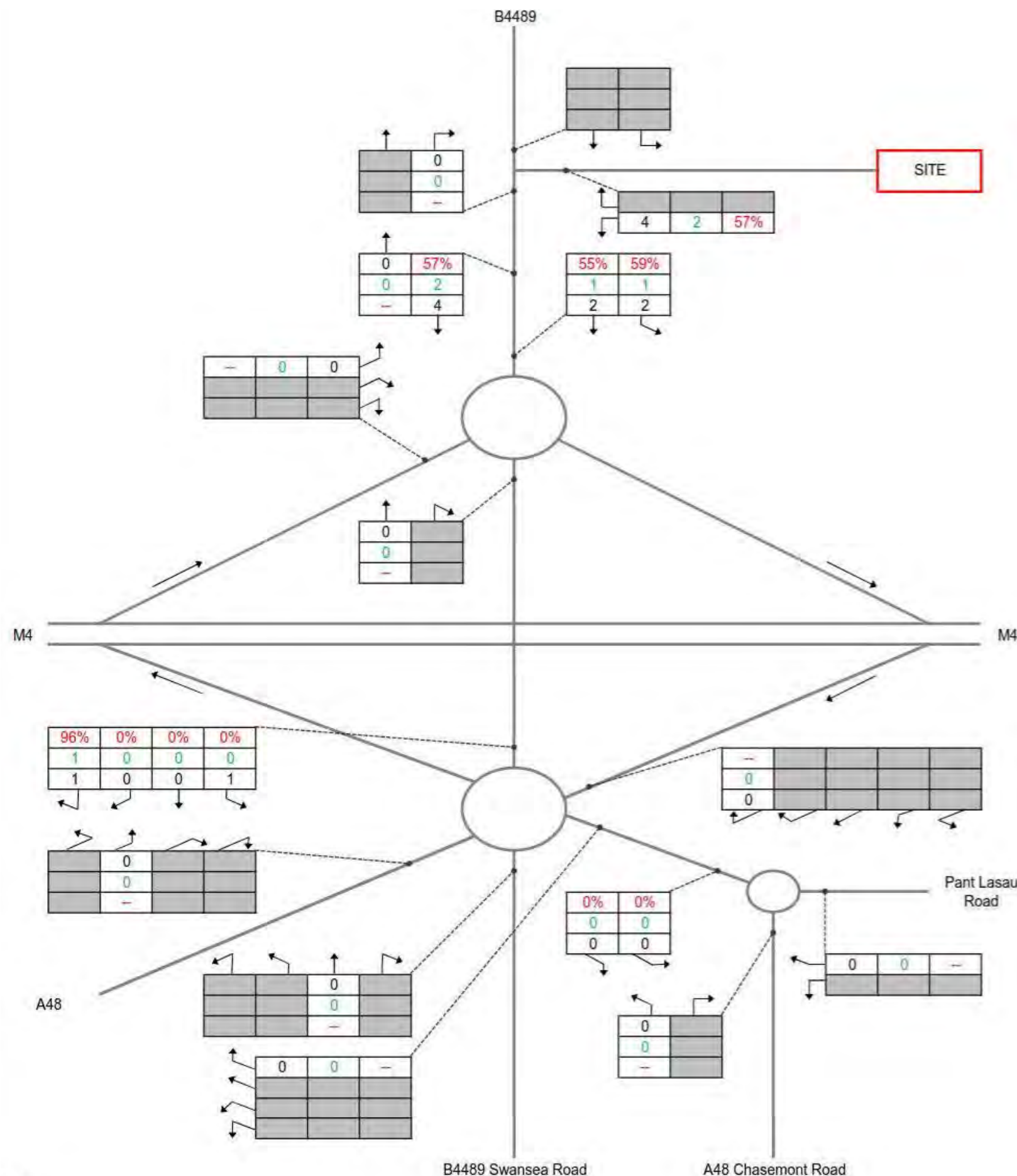
FIGURE 12.13

001

Drawn: Chk'd: App'd: Date:

GM: NW CA 02/05/18





Copyright:

AECOM Internal Project No:

60542910

Drawing Title:

TRAFFIC FLOWS –
ELECTRICAL CONNECTION
CONSTRUCTION TRAFFIC:
WEEKDAY PM PEAK HOUR

Scale at A3: Not To Scale

Drawing No:

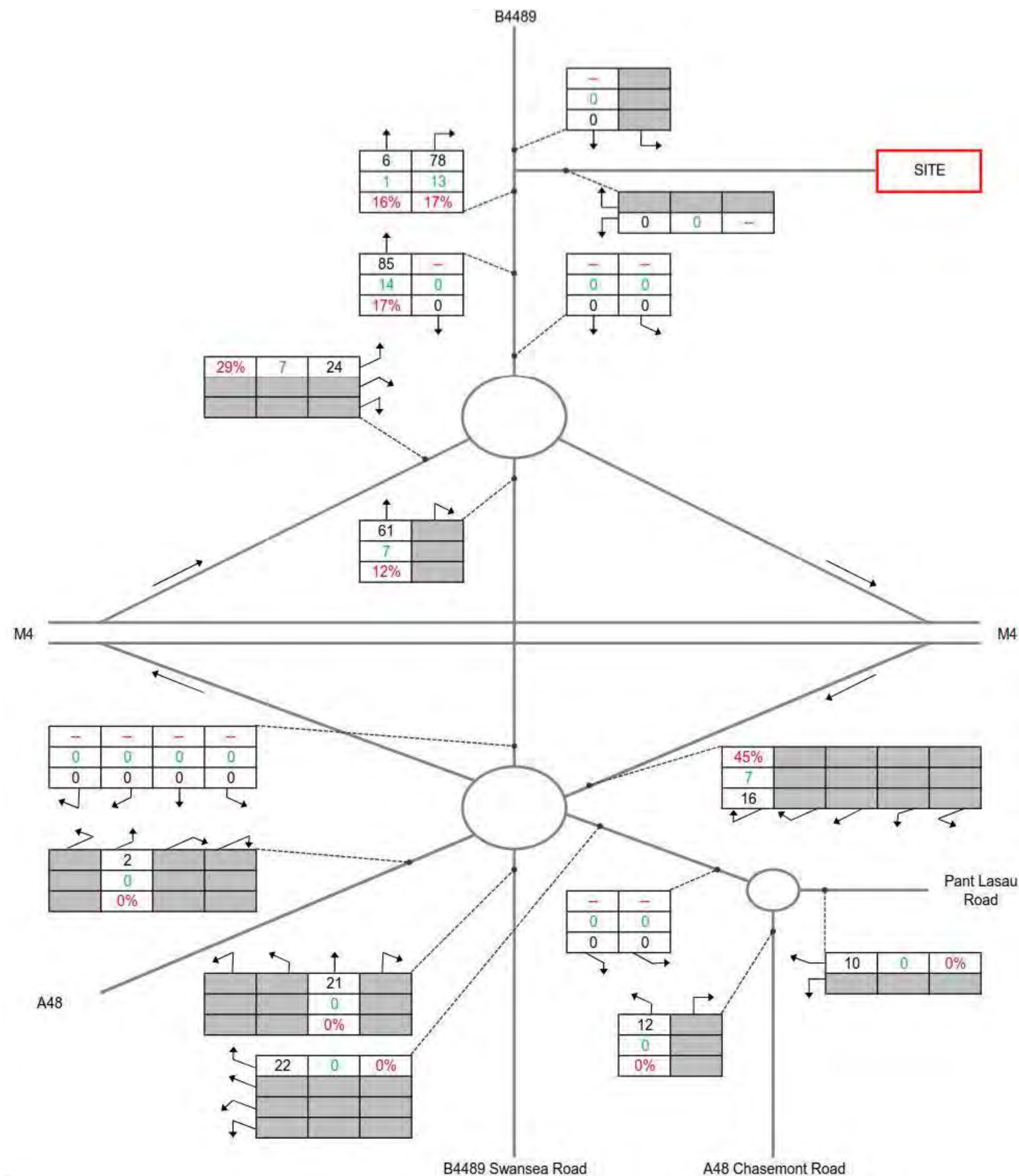
Rev:

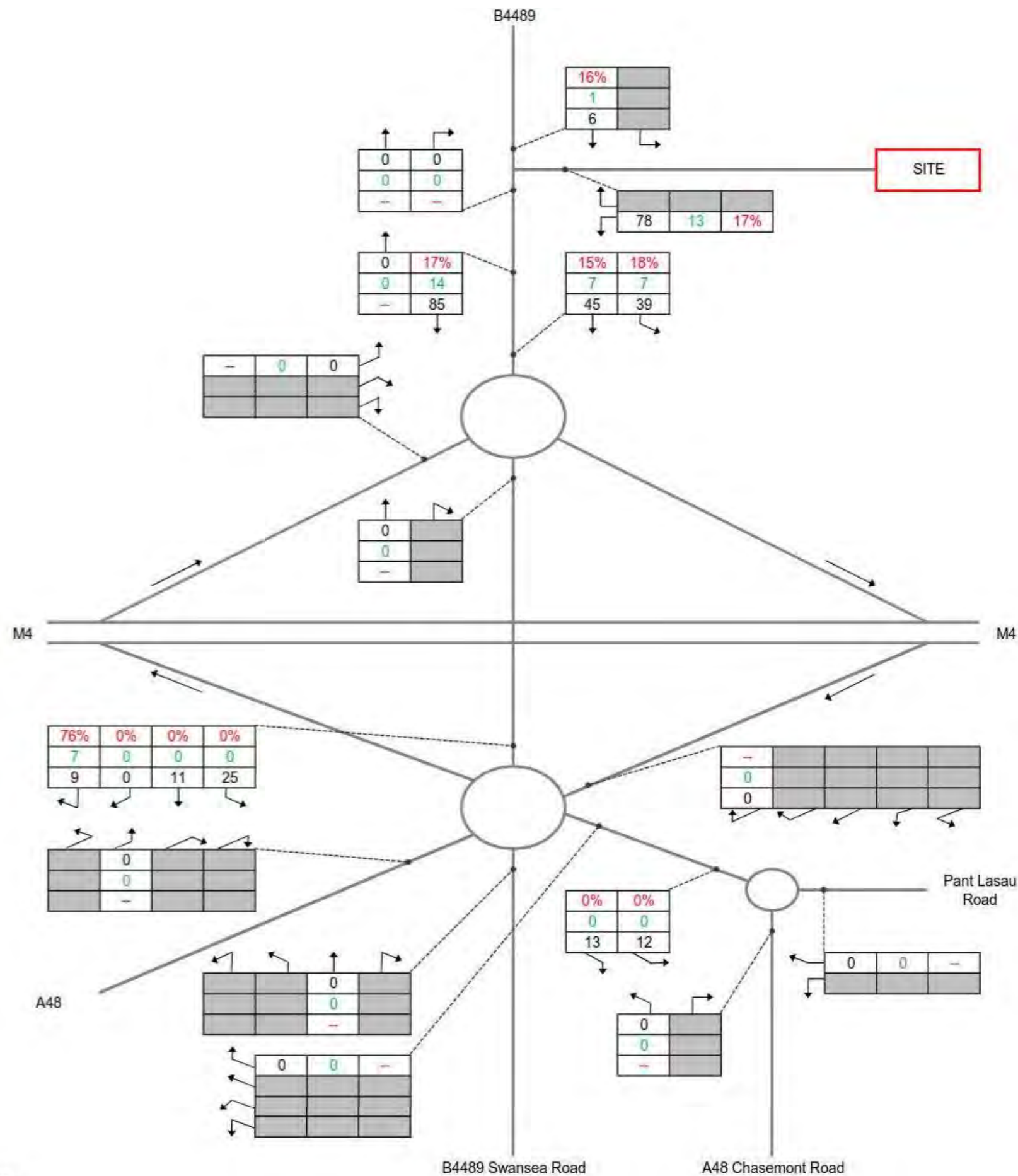
FIGURE 12.15

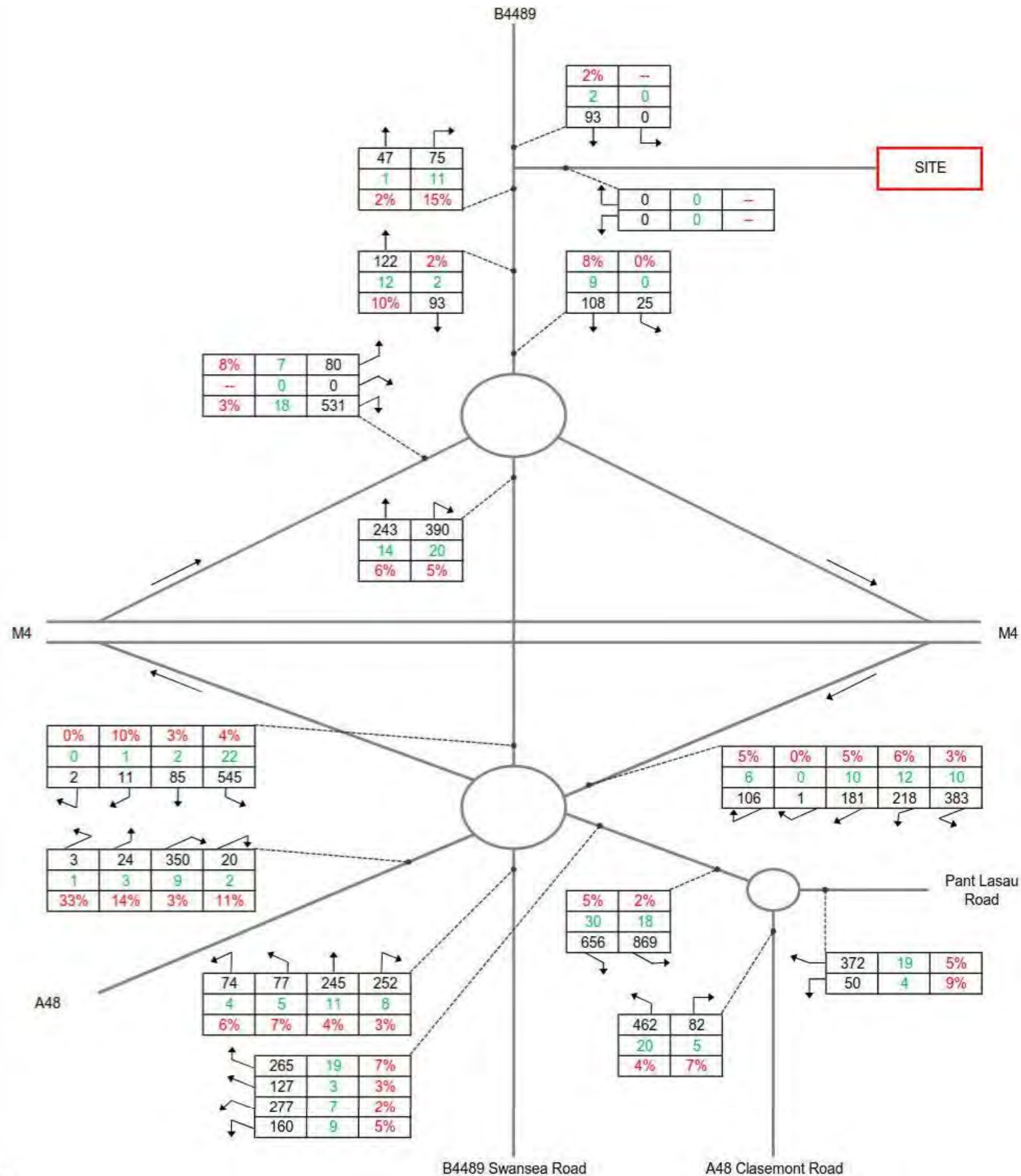
001

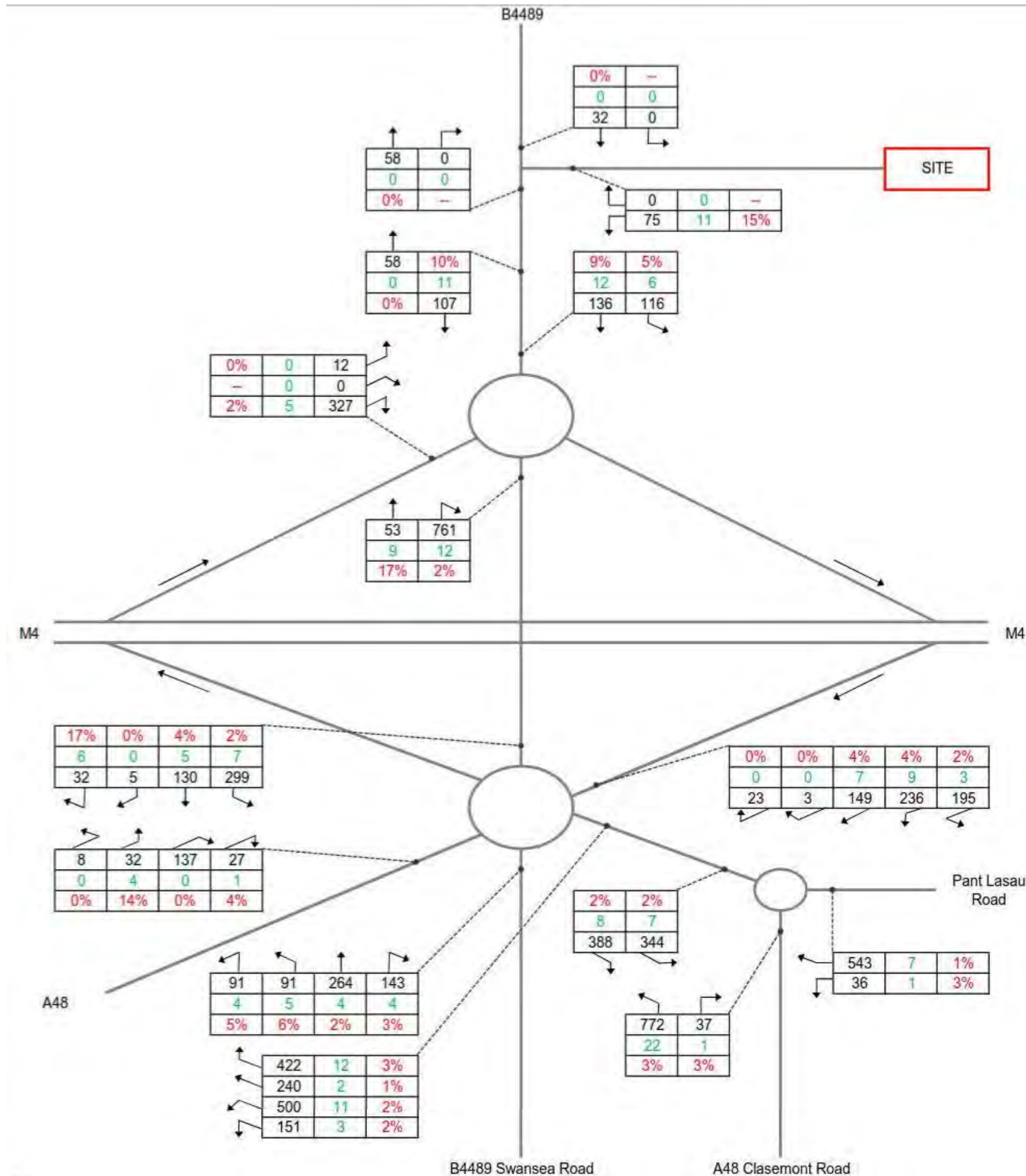
Drawn: Chk'd: App'd: Date:

GM: NW CA 02/05/18









Key:

XX Total Vehicles

XX HGVs

XX HGV %

Notes:

1. Includes traffic growth and the Power Generation Plant.

Copyright:

AECOM Internal Project No:

60542910

Drawing Title:

TRAFFIC FLOWS – 2022
BASELINE + POWER
GENERATION PLANT
CONSTRUCTION TRAFFIC:
WEEKDAY PM PEAK HOUR

Scale at A3: Not To Scale

Drawing No:

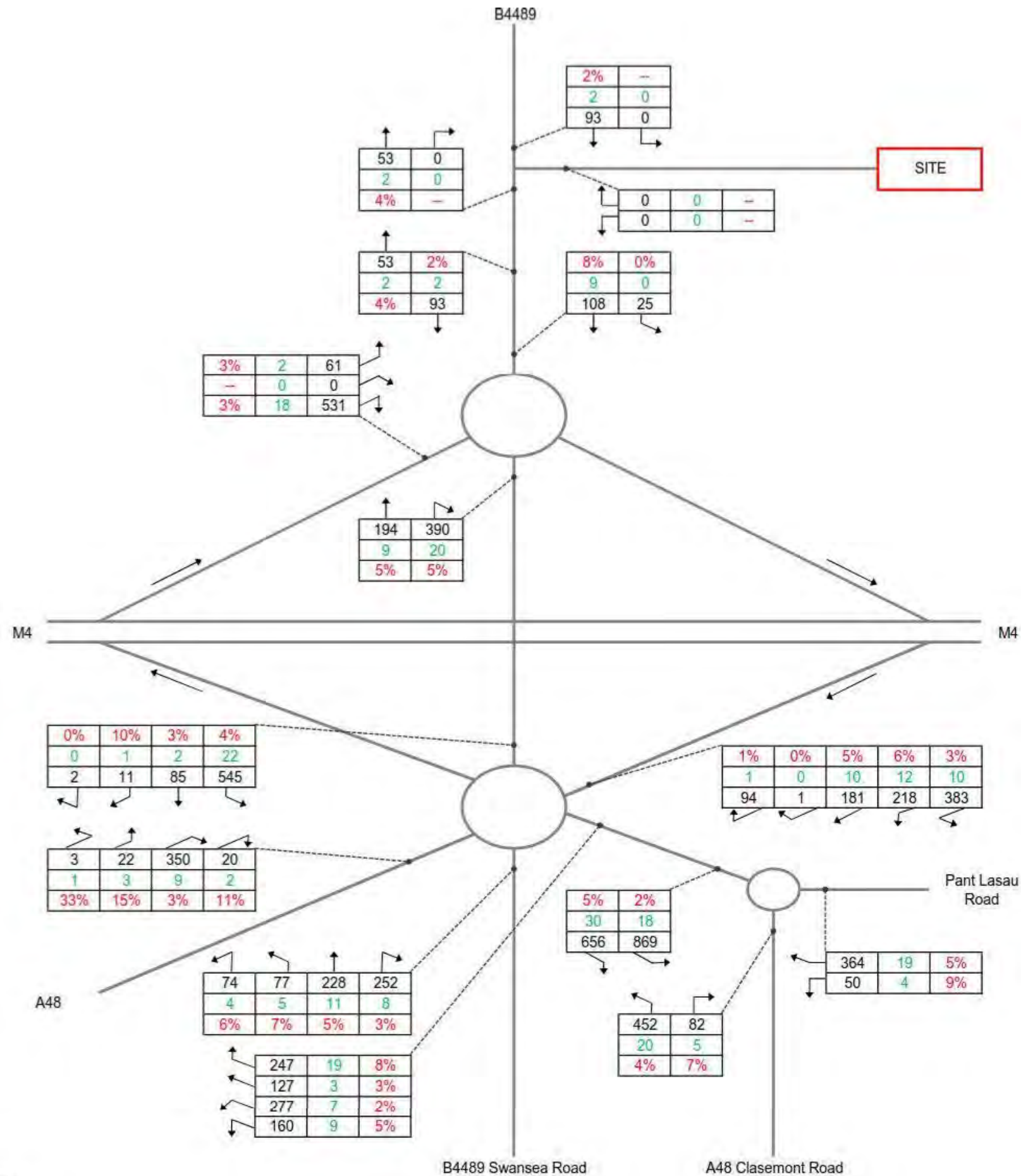
Rev:

FIGURE 12.19

001

Drawn: Chk'd: App'd: Date:

GM: NW CA 02/05/18



Key:

XX Total Vehicles

XX HGVs

XX HGV %

Notes:

1. Includes traffic growth and the Gas Connection.

Copyright:

AECOM Internal Project No:

60542910

Drawing Title:

TRAFFIC FLOWS – 2022
BASELINE + GAS
CONNECTION
CONSTRUCTION
TRAFFIC: WEEKDAY AM
PEAK HOUR

Scale at A3: Not To Scale

Drawing No:

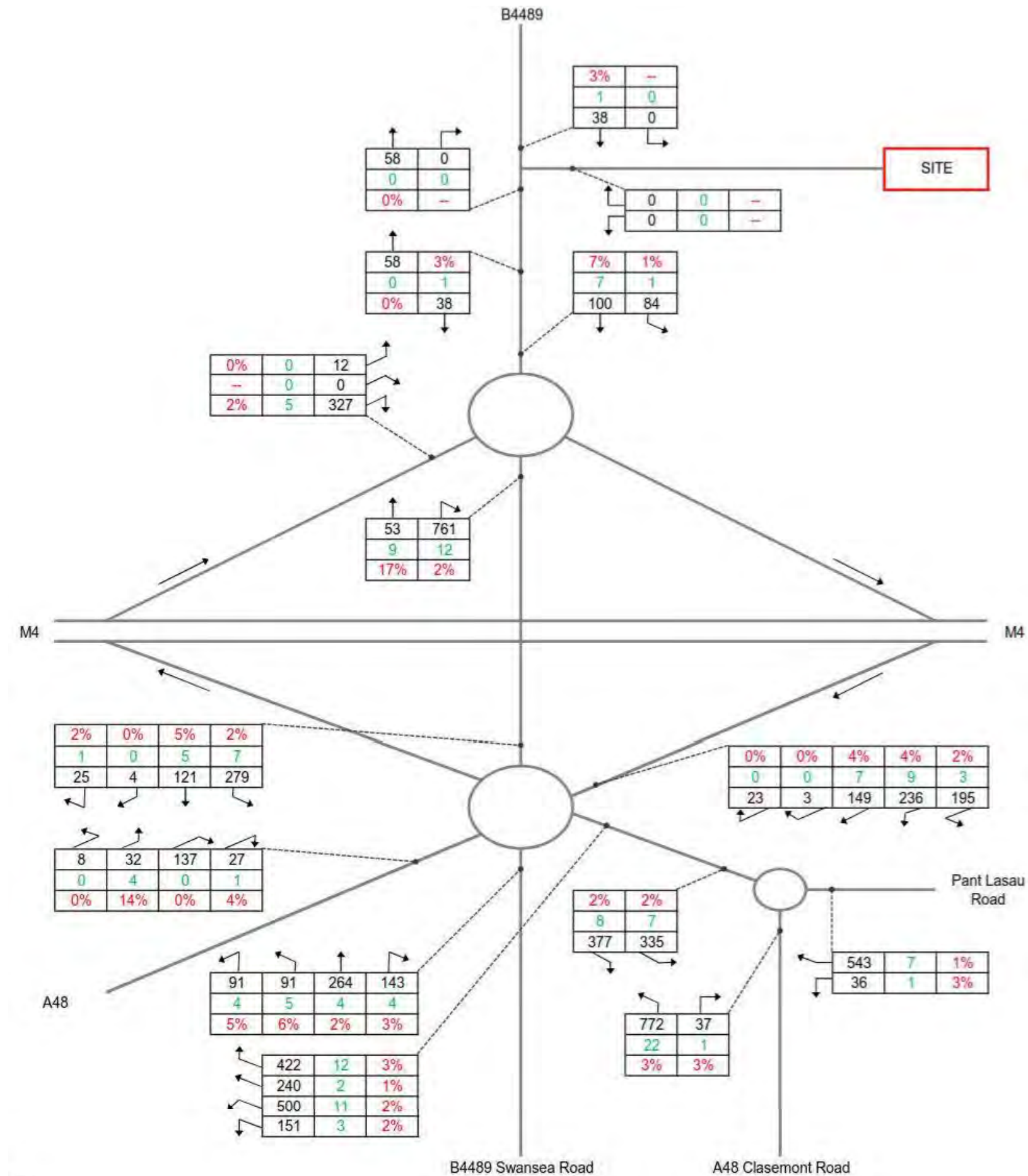
Rev:

FIGURE 12.20

001

Drawn: Chk'd: App'd: Date:

GM: NW CA 02/05/18



Key:

XX Total Vehicles

XX HGVs

XX HGV %

Notes:

1. Includes traffic growth and the Gas Connection.

Copyright:

AECOM Internal Project No:

60542910

Drawing Title:

TRAFFIC FLOWS – 2022
BASELINE + GAS
CONNECTION
CONSTRUCTION TRAFFIC:
WEEKDAY PM PEAK
HOUR

Scale at A3: Not To Scale

Drawing No:

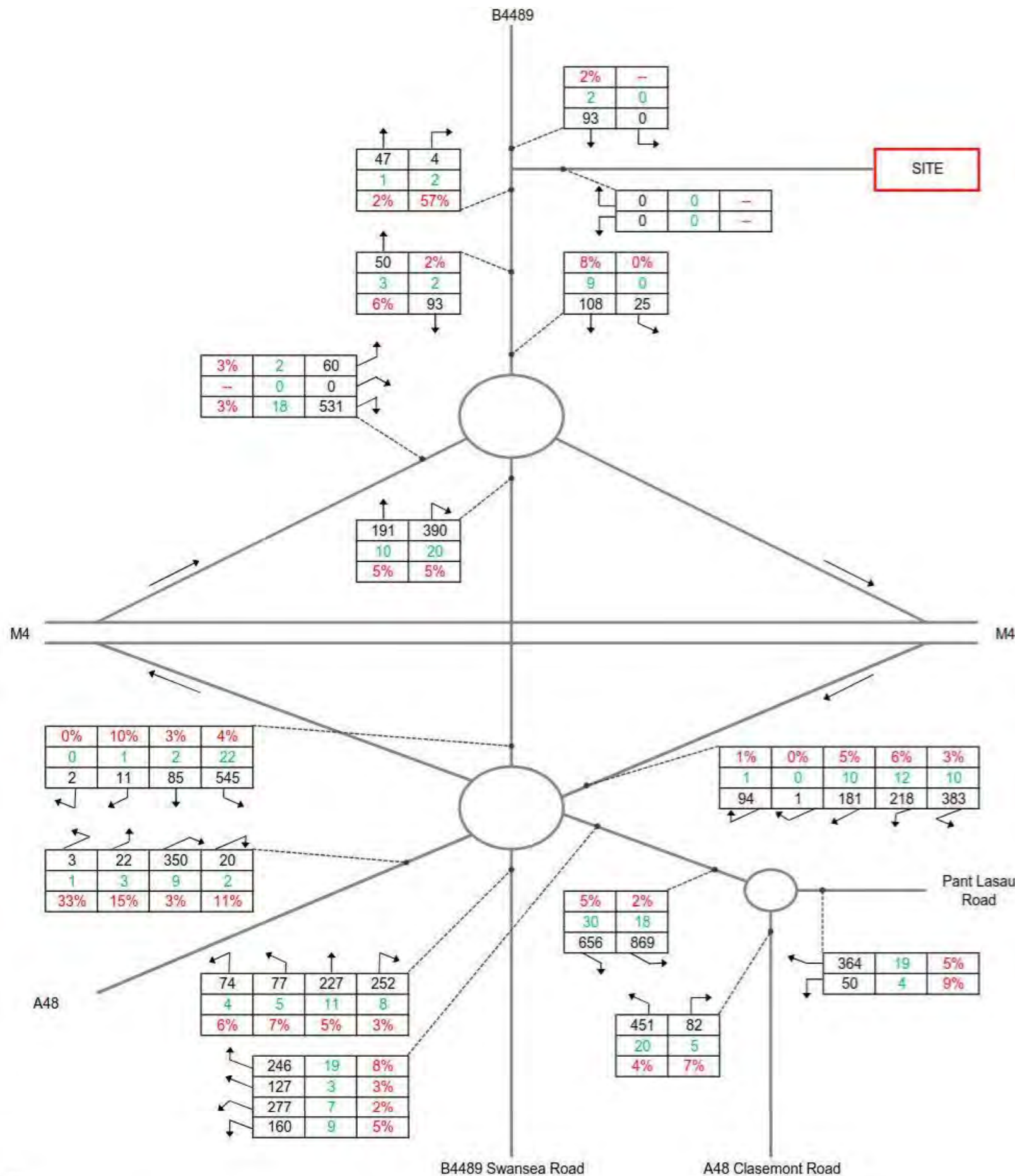
Rev:

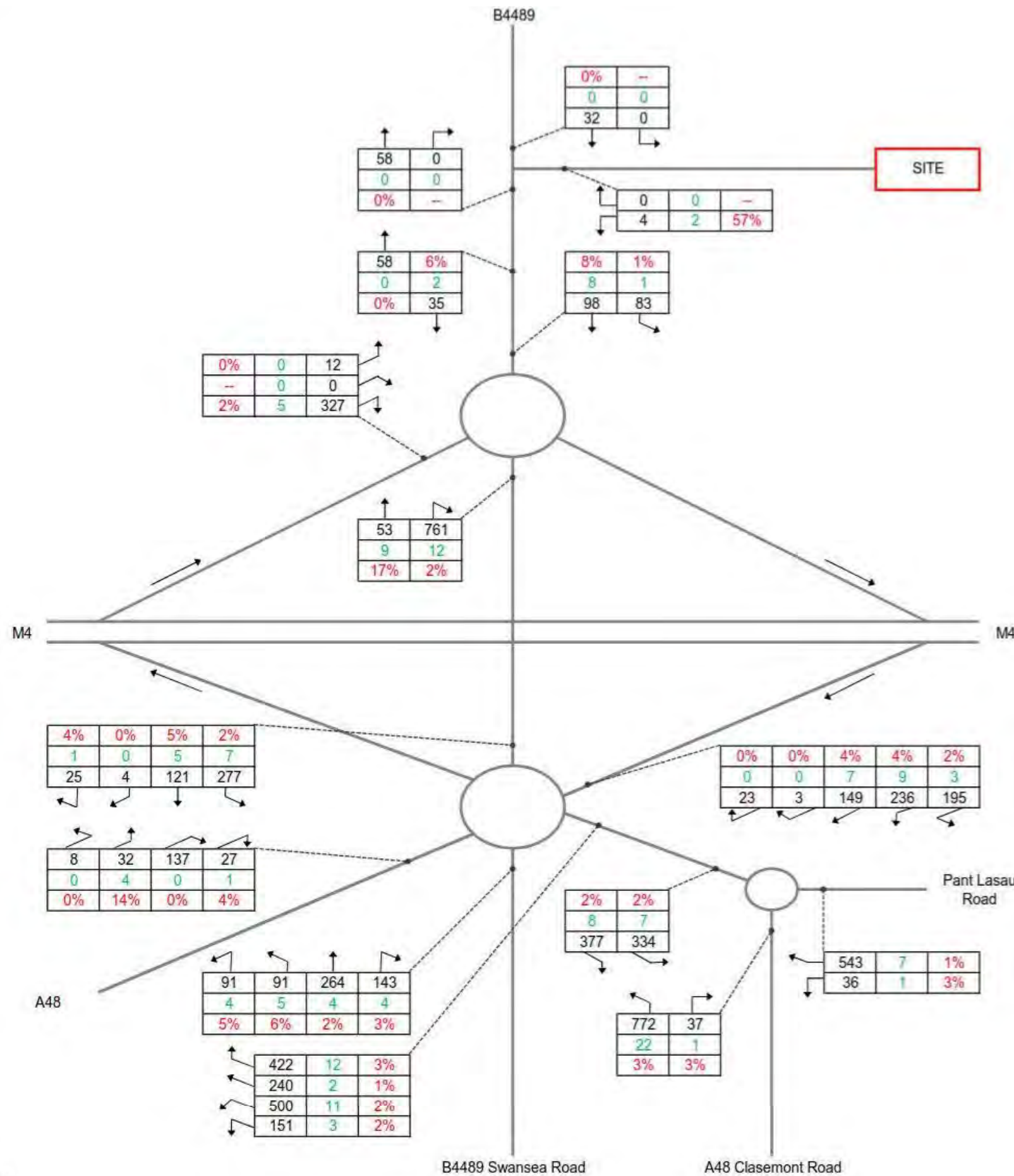
FIGURE 12.21

001

Drawn: Chk'd: App'd: Date:

GM: NW CA 02/05/18





Key:

XX Total Vehicles

XX HGVs

XX HGV %

Notes:

1. Includes traffic growth and the Electrical Connection.

Copyright:

AECOM Internal Project No:

60542910

Drawing Title:

TRAFFIC FLOWS – 2022
BASELINE + ELECTRICAL
CONNECTION
CONSTRUCTION TRAFFIC:
WEEKDAY PM PEAK
HOUR

Scale at A3: Not To Scale

Drawing No:

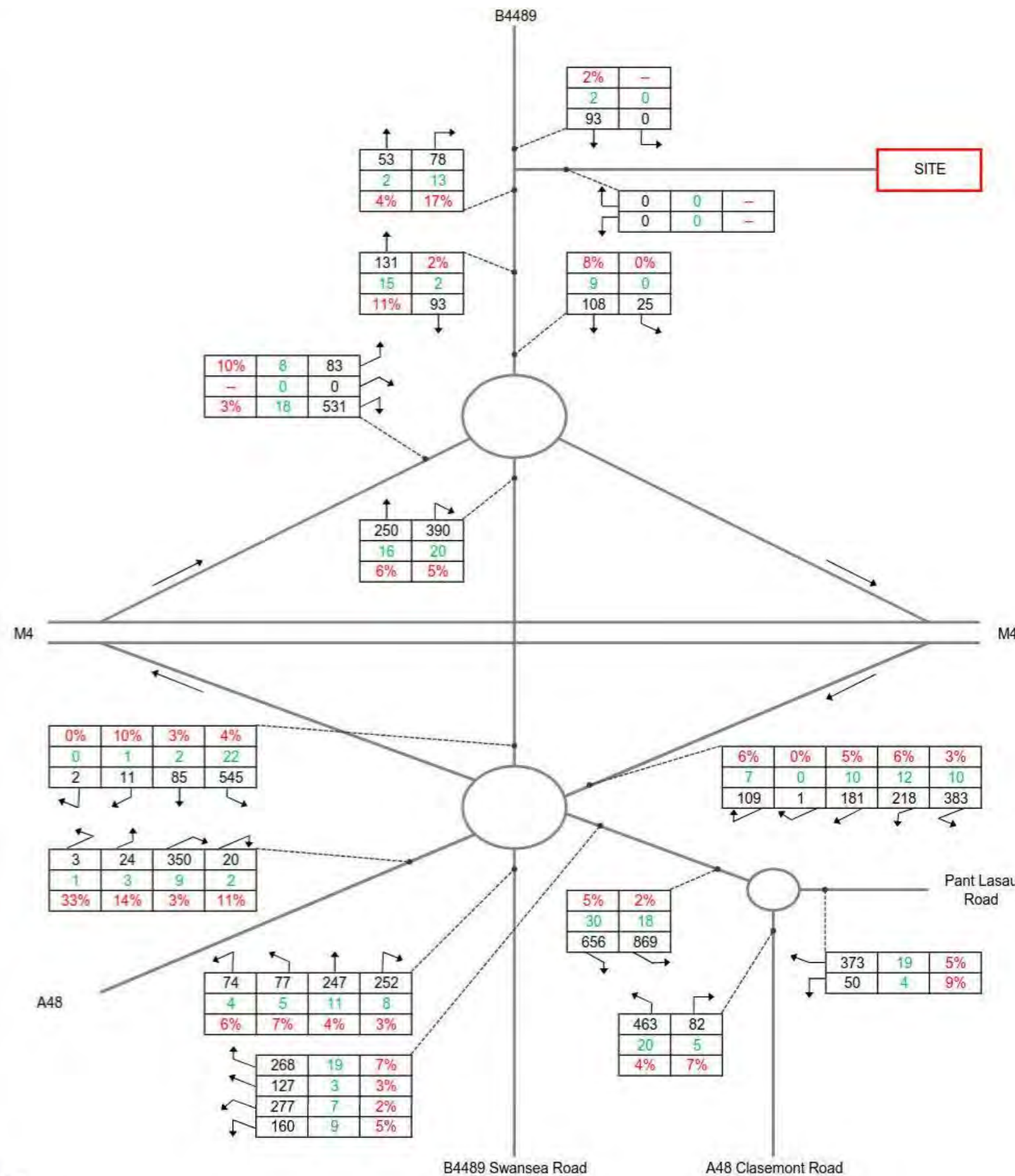
Rev:

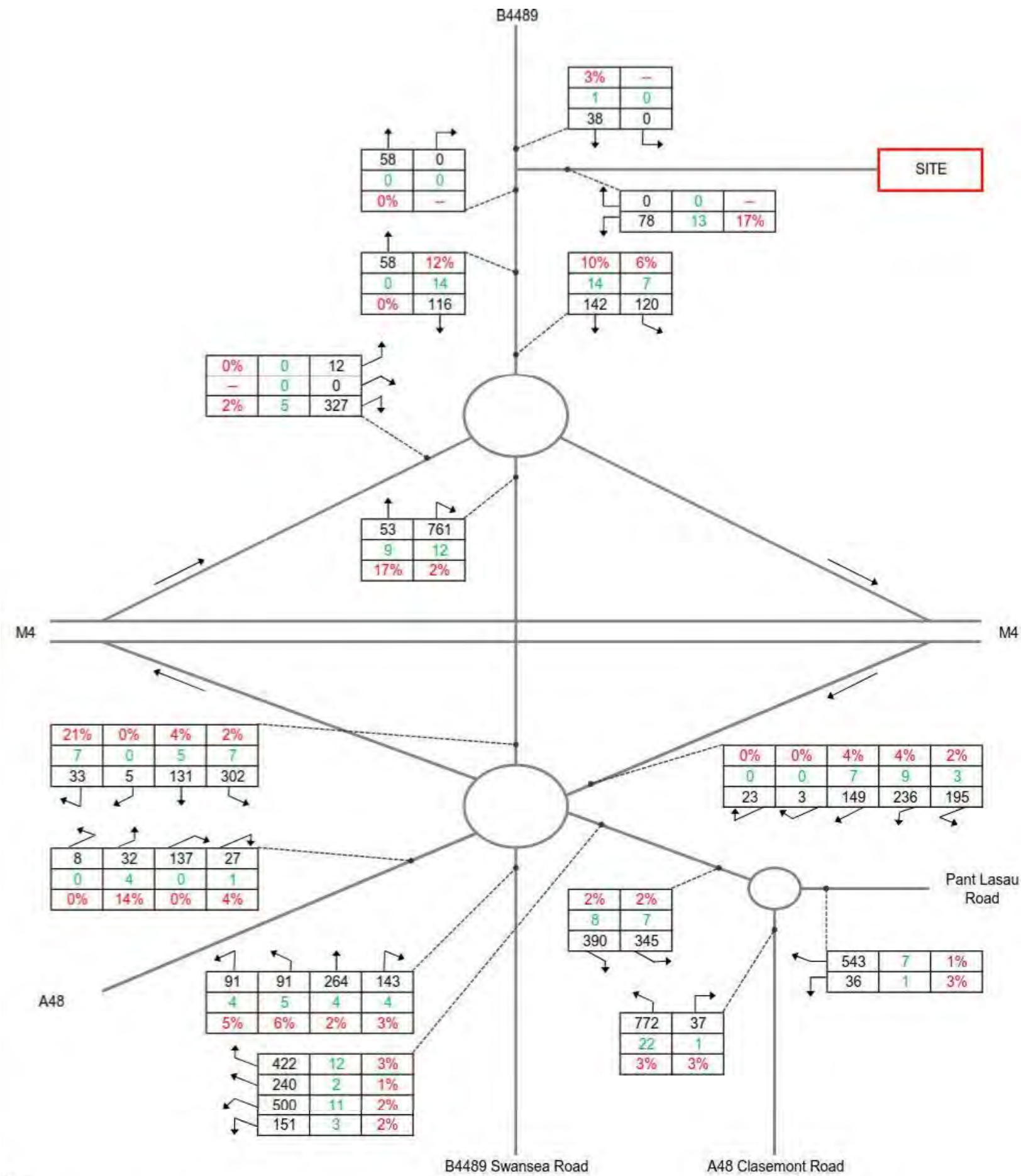
FIGURE 12.23

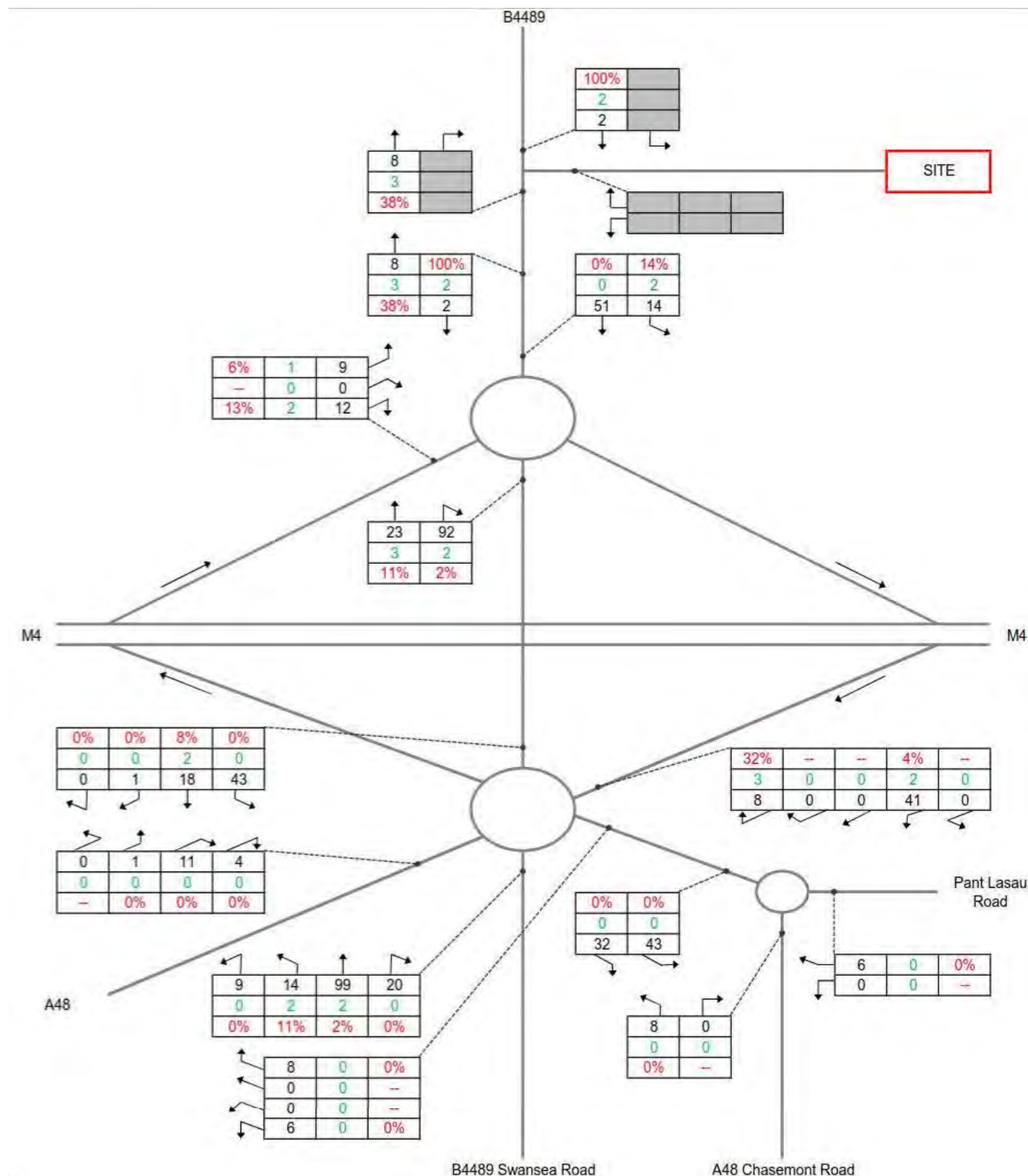
001

Drawn: Chk'd: App'd: Date:

GM: NW CA 02/05/18







Key:

XX Total Vehicles XX HGVs XX HGV %

Notes:

- Includes the following cumulative development: Tyle Coch Mawr Wind Farm (Reference: 2013/0795), Felindre Business Park (2013/1835), Llettyr Morfil Farm (Reference: 2015/1529), Plot 8 Felindre Business Park (Reference: 2015/0308), Baergelli Farm (Reference: 2015/1716), Land West of Llangyfelach Road (Reference: 2017/1822/OUT) and Land North of Garden Village (Reference 2016/1478).
- Cells highlighted in grey indicate that this movement is not available.

Copyright:

AECOM Internal Project No:

60542910

Drawing Title:

TRAFFIC FLOWS –
CUMULATIVE
DEVELOPMENT:
WEEKDAY AM PEAK HOUR

Scale at A3: Not To Scale

Drawing No:

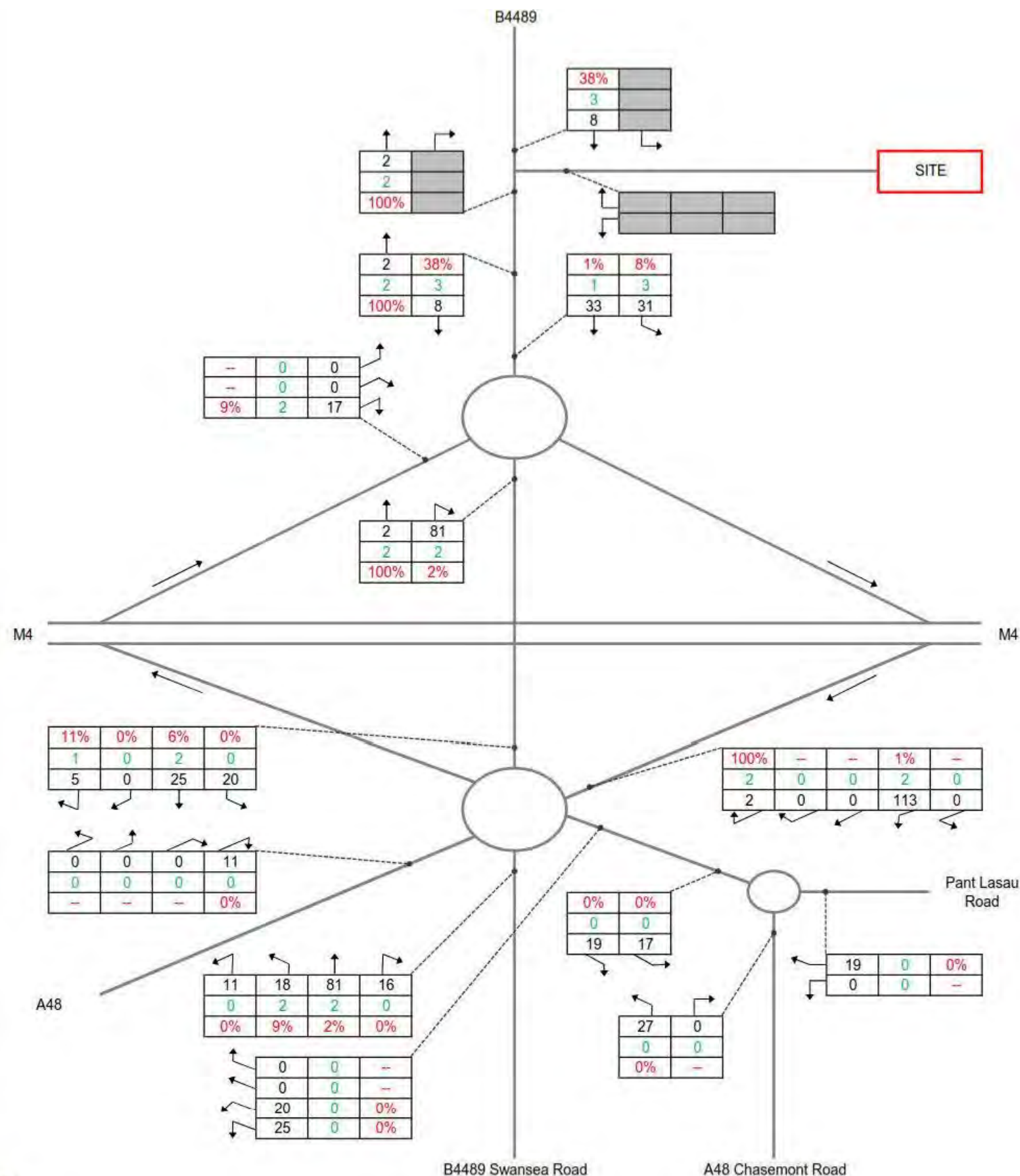
Rev:

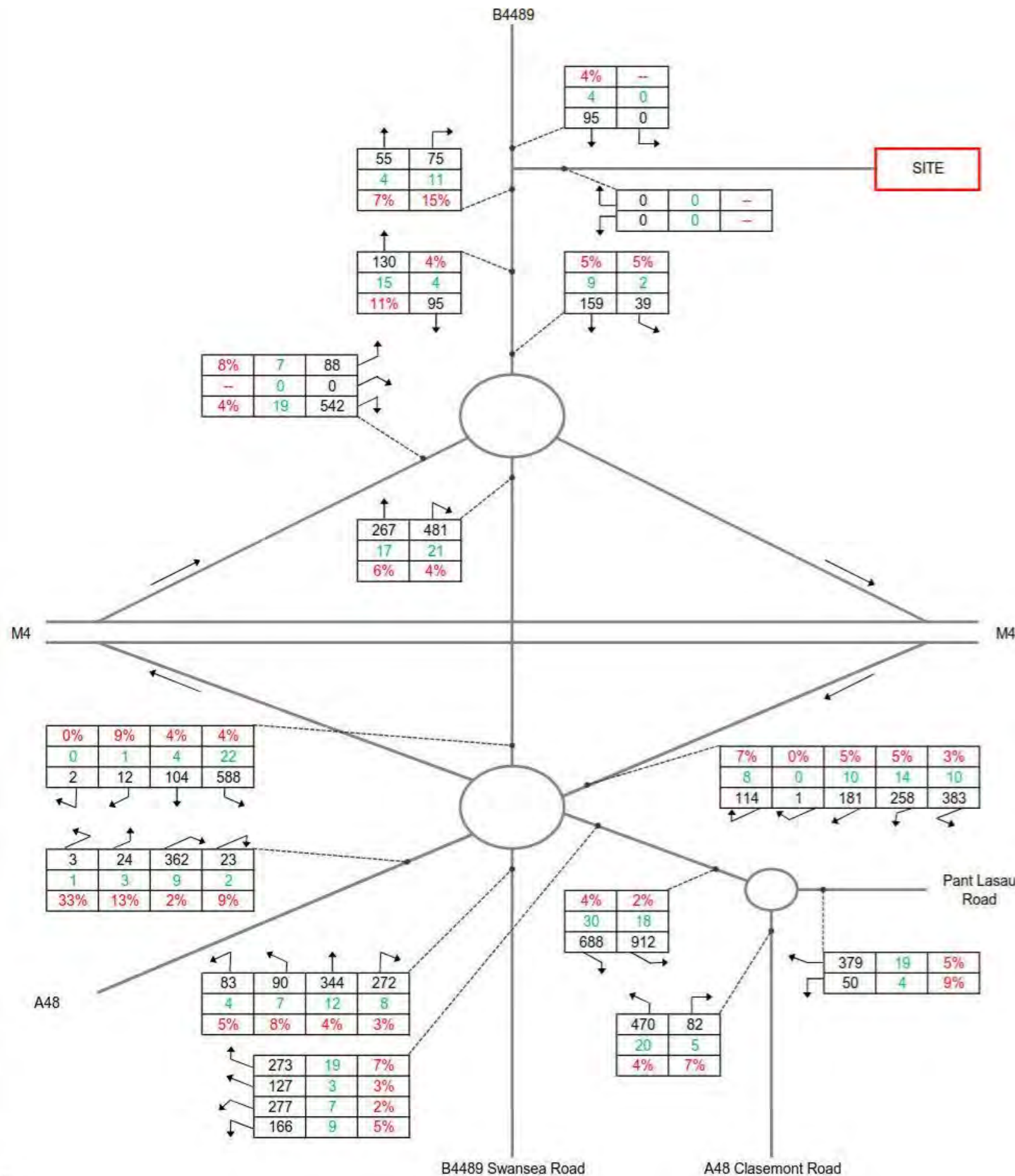
FIGURE 12.26

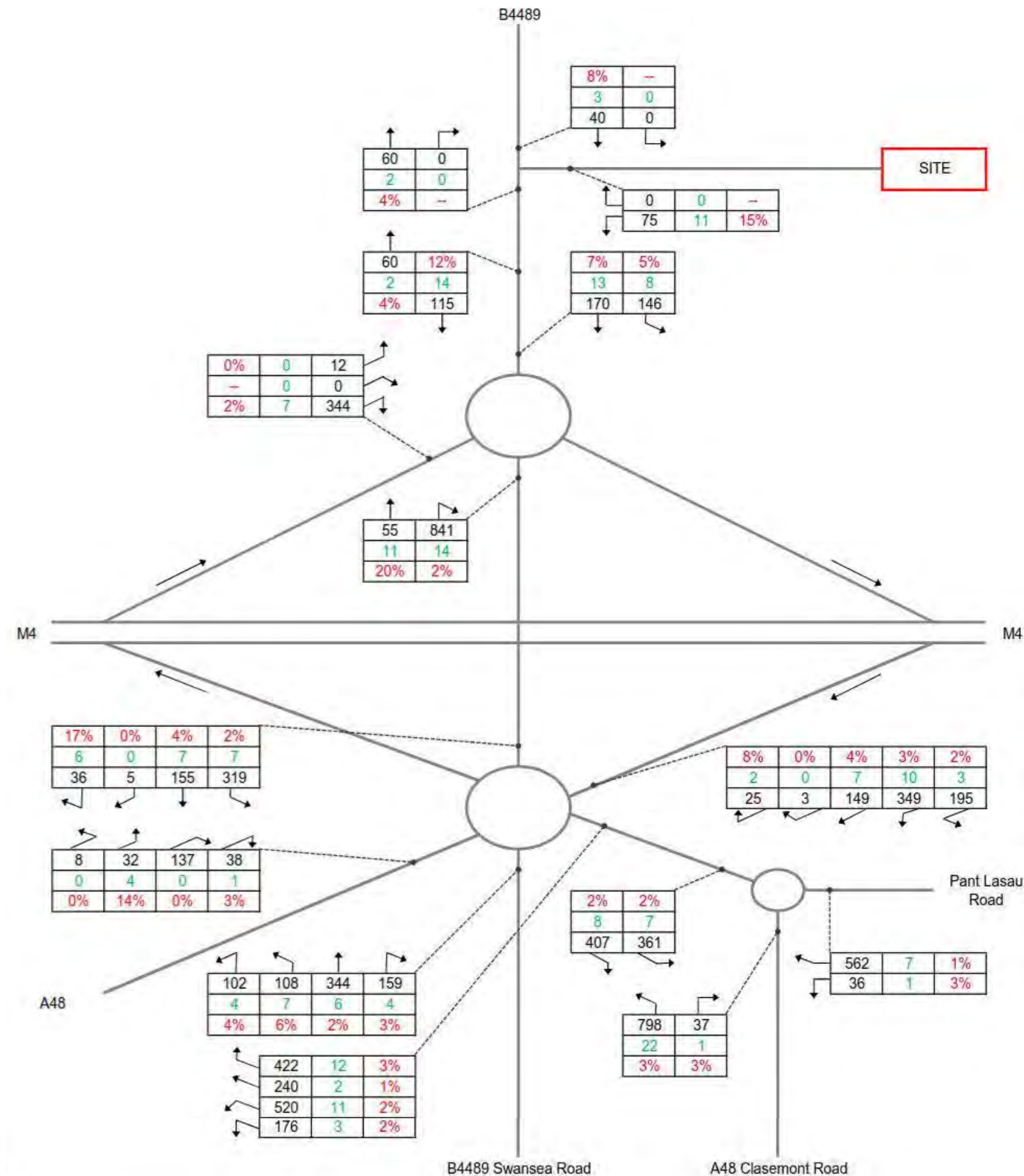
001

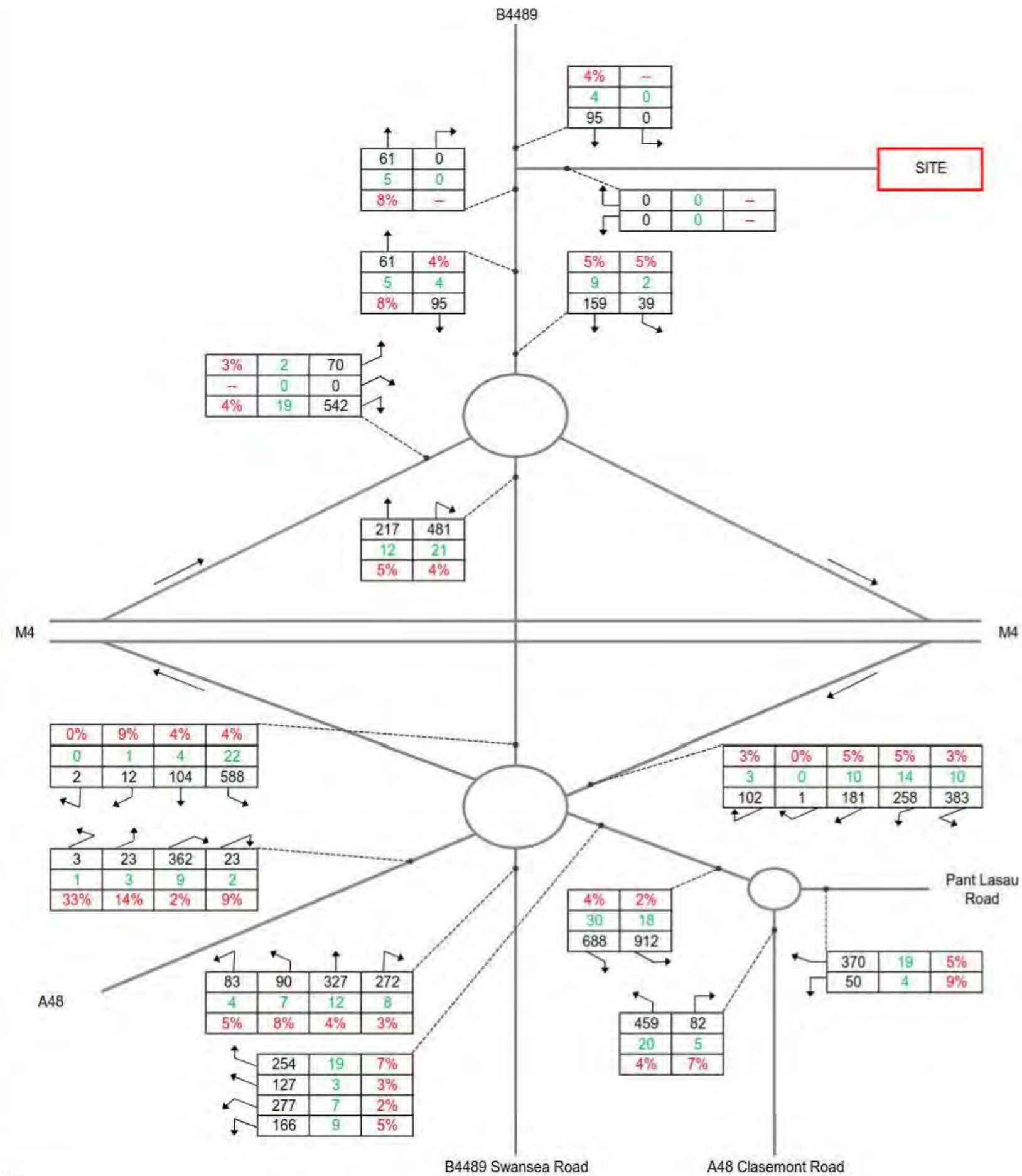
Drawn: Chk'd: App'd: Date:

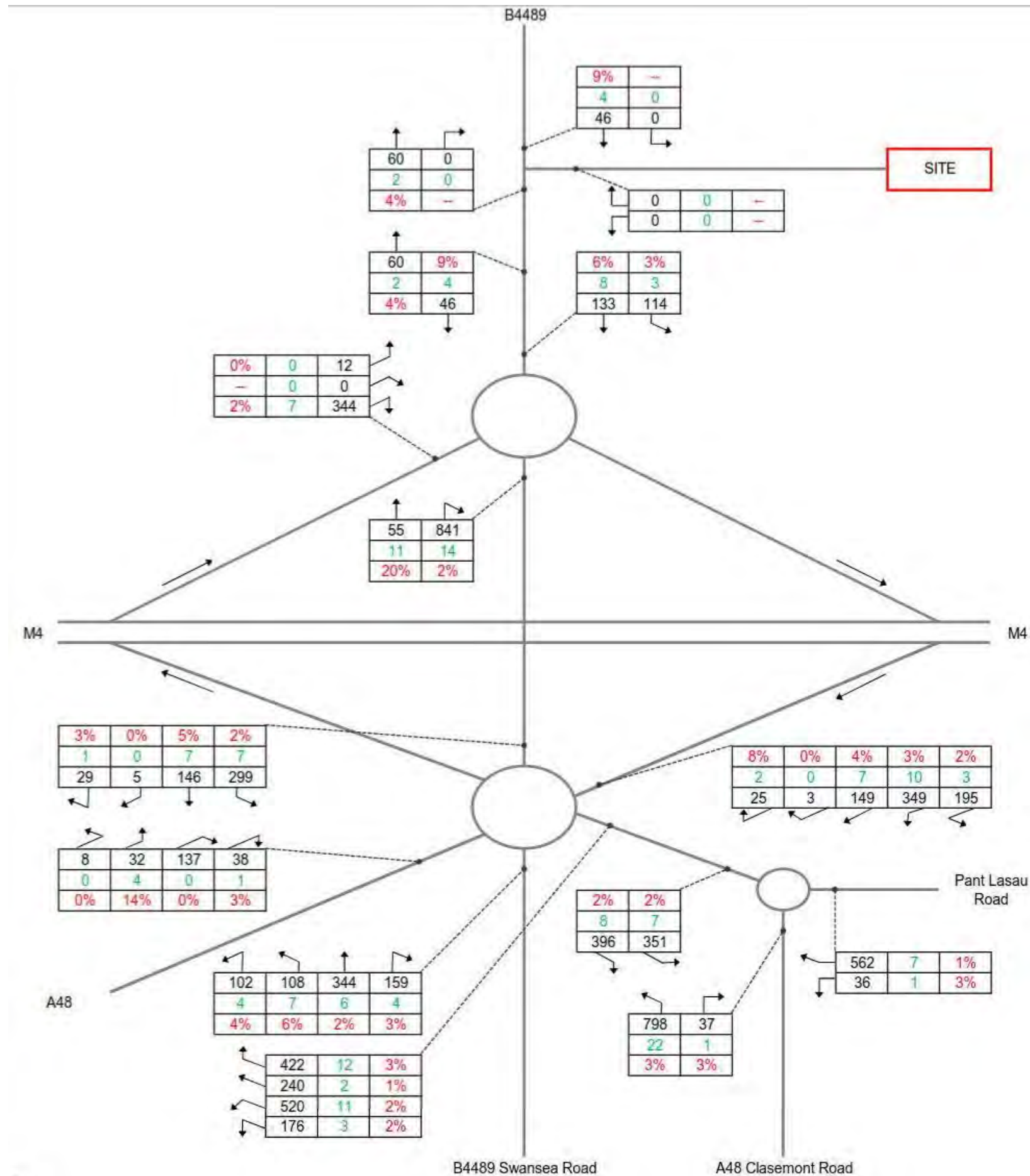
GM: NW CA 02/05/18

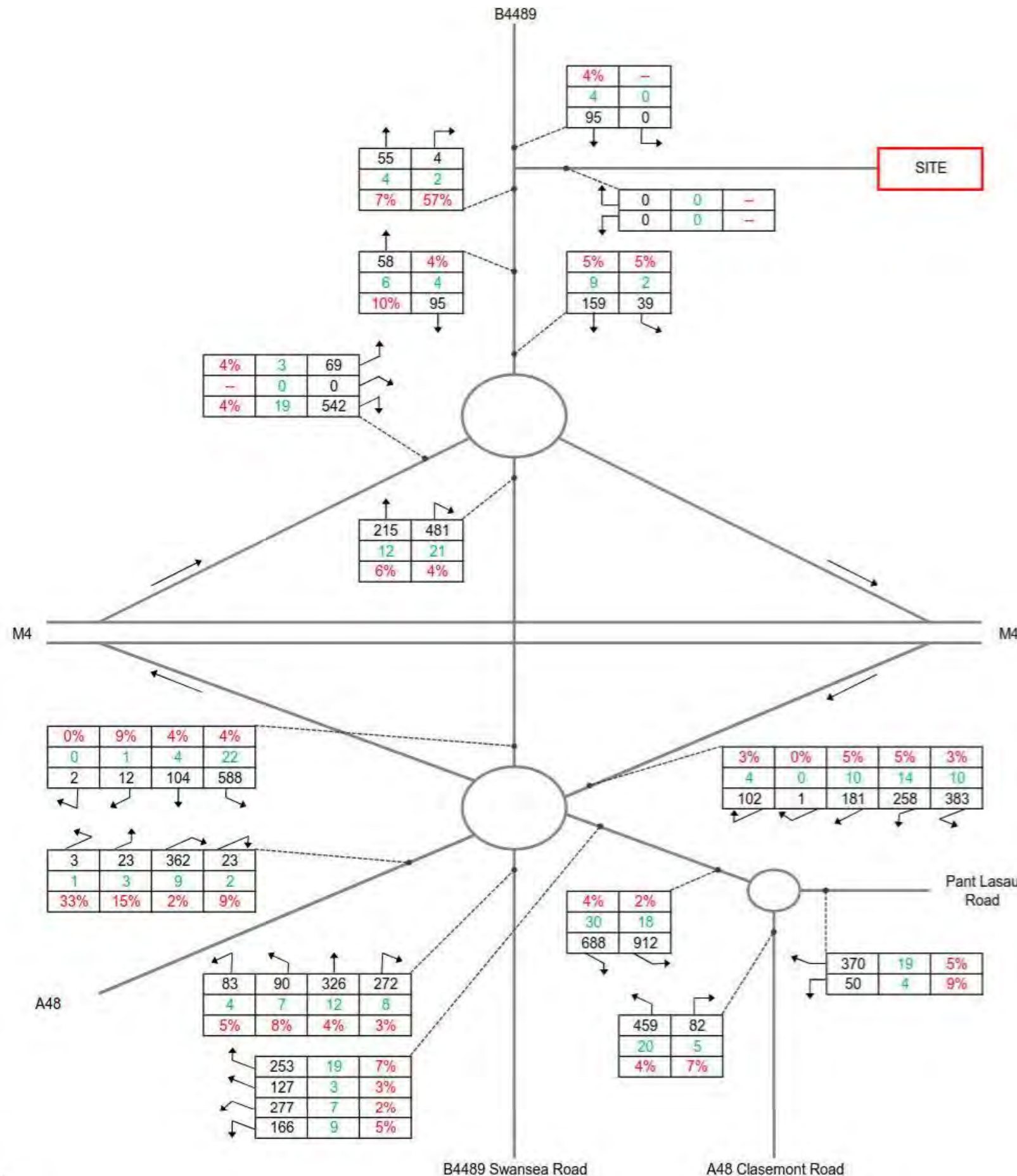


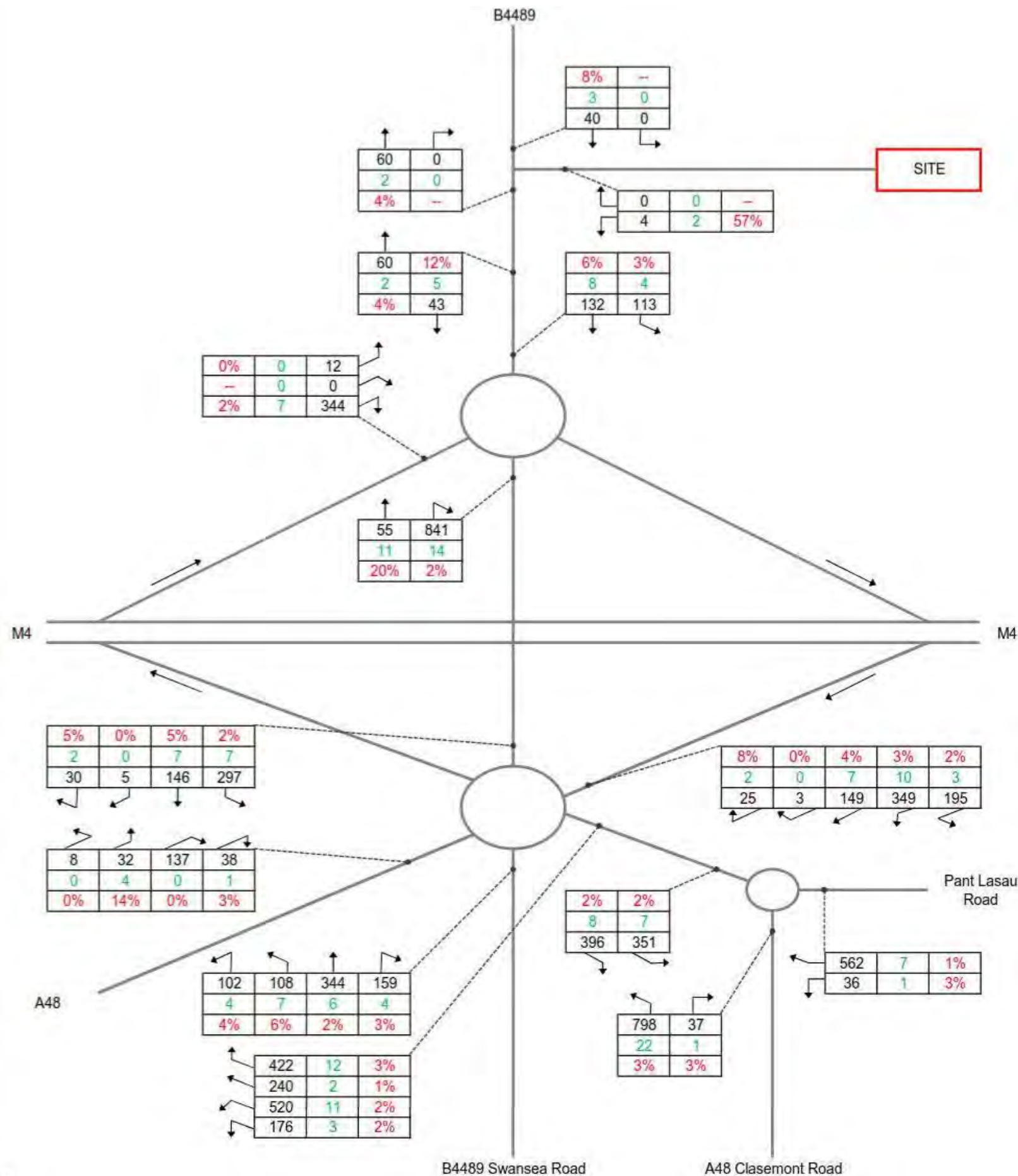


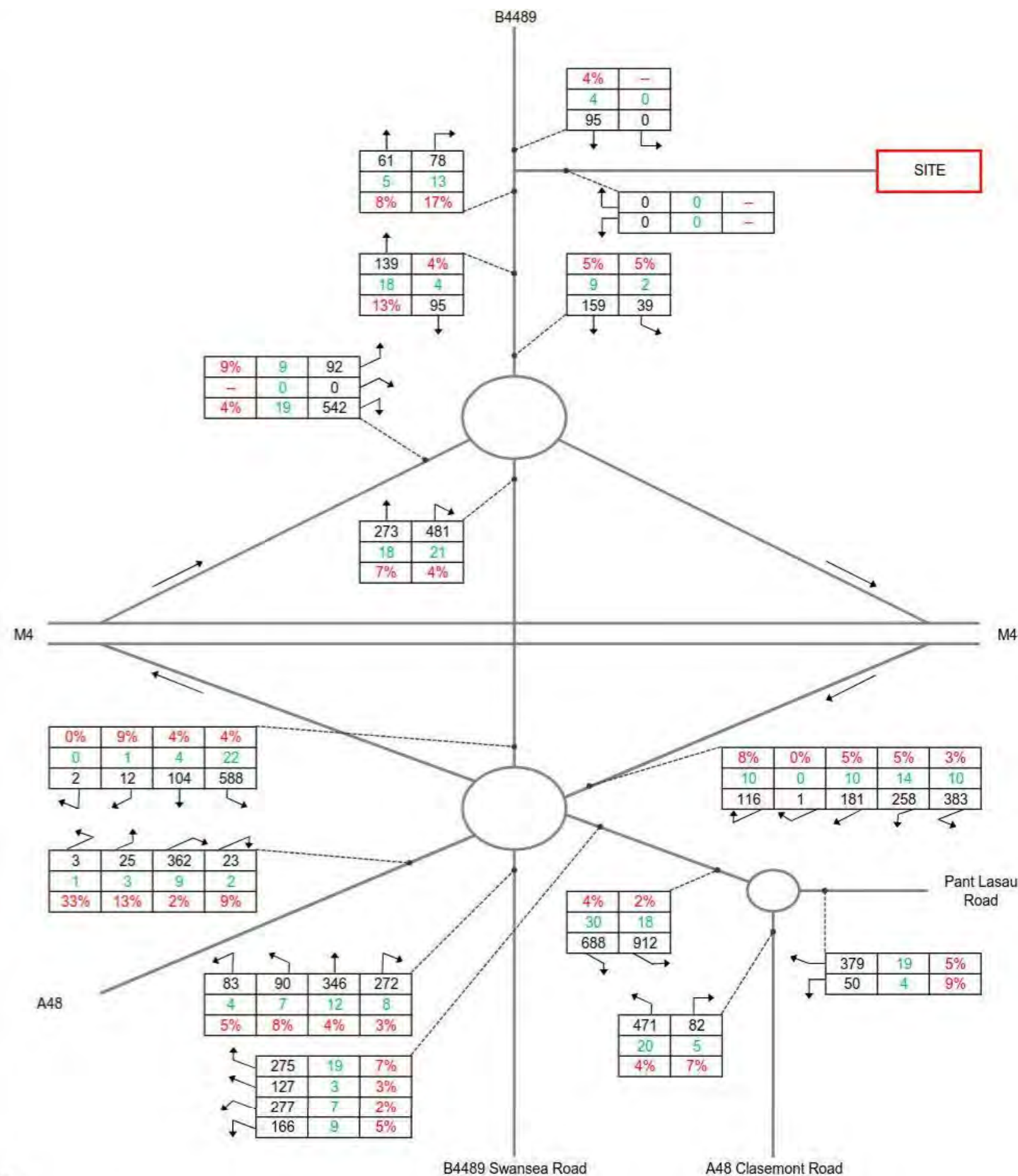


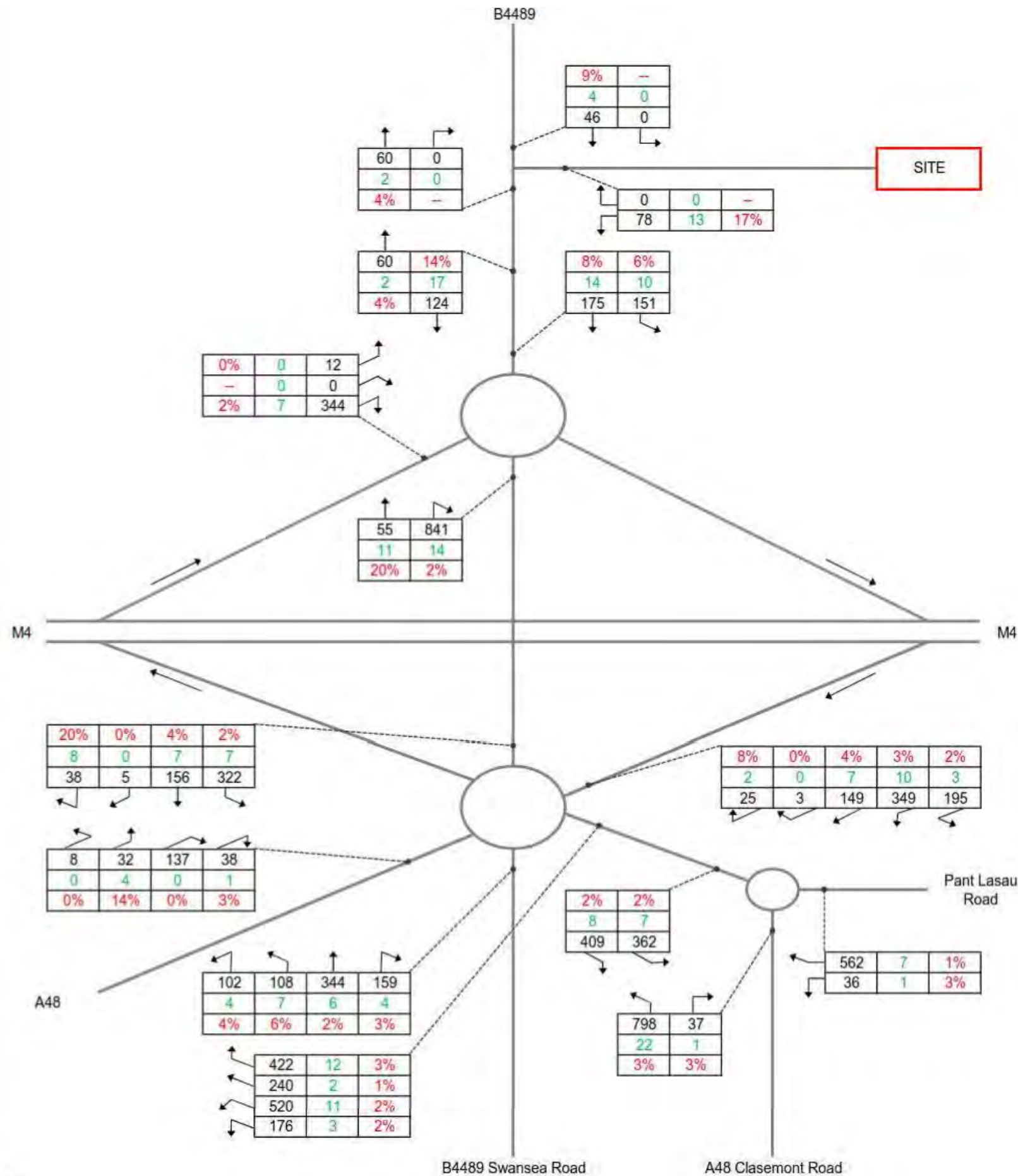


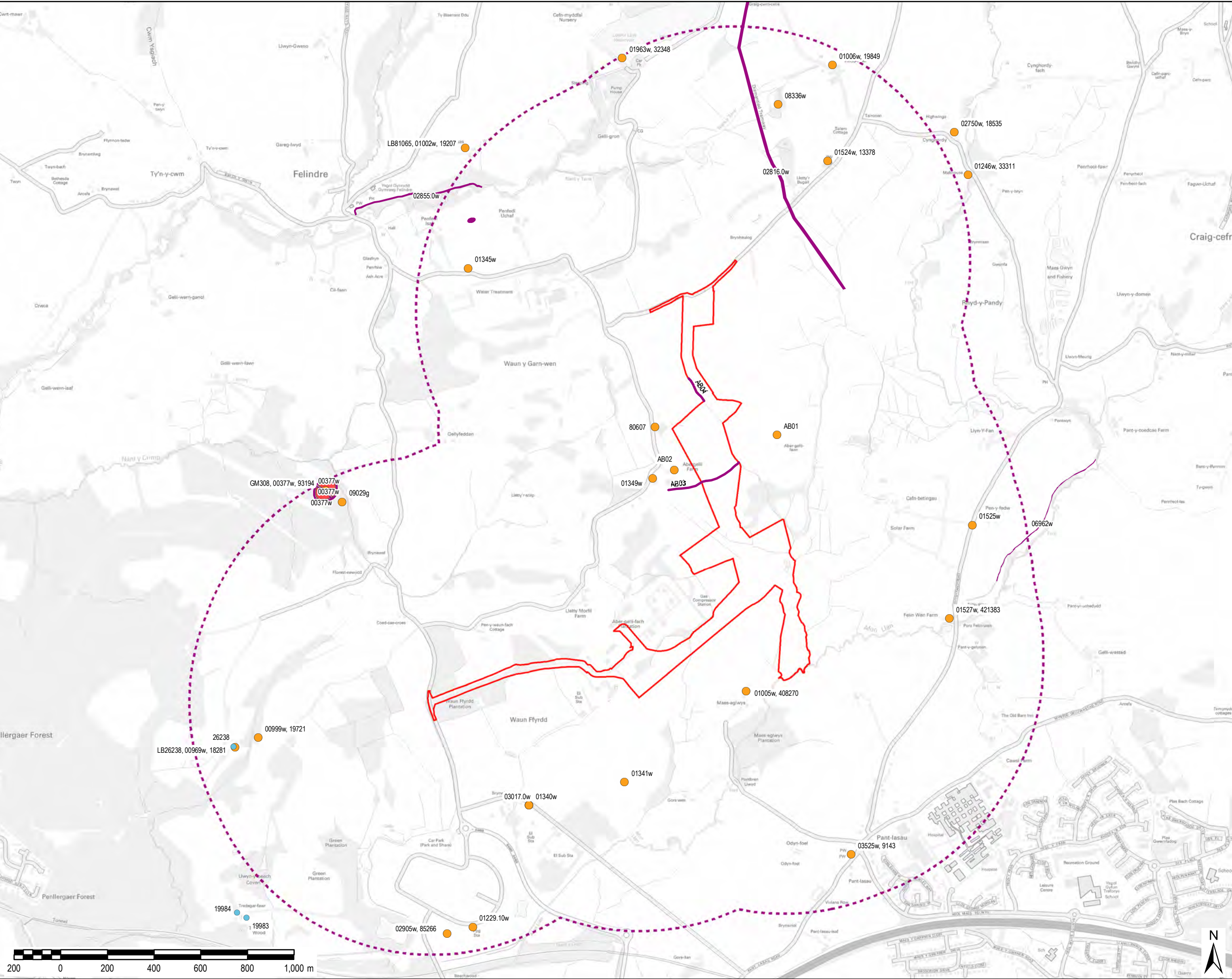












AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

**ABERGELLI POWER
PROJECT**

Client:



LEGEND

- Project Site Boundary
- Grade II - Listed Building
- Historic Asset - Point
- Historic Asset - Linear
- Scheduled Monument
- 1km Study Area

APFP Regulations 5(2)(L)

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673
© Crown copyright: Royal Commission
on the Ancient and Historical
Monuments of Wales
© Hawlfraint y Goron: Comisiwn
Brenhinol Henebion Cymru

AECOM Internal Project No:

60542910

Drawing Title:

**HISTORIC ASSETS
1KM STUDY AREA**

Scale at A3: 1:15,000

Drawing No: **Rev:**

FIGURE 13.1 005

Drawn: Chk'd: App'd: Date:

GM CC CA 02/05/18

- LEGEND**
- Project Site Boundary
 - Grade I - Listed
 - Grade II* - Listed
 - Grade II - Listed
 - Conservation
 - Parks and
 - Scheduled
 - 5km Study Area
 - Zone of Theoretical Visibility (ZTV) including proposed stack height

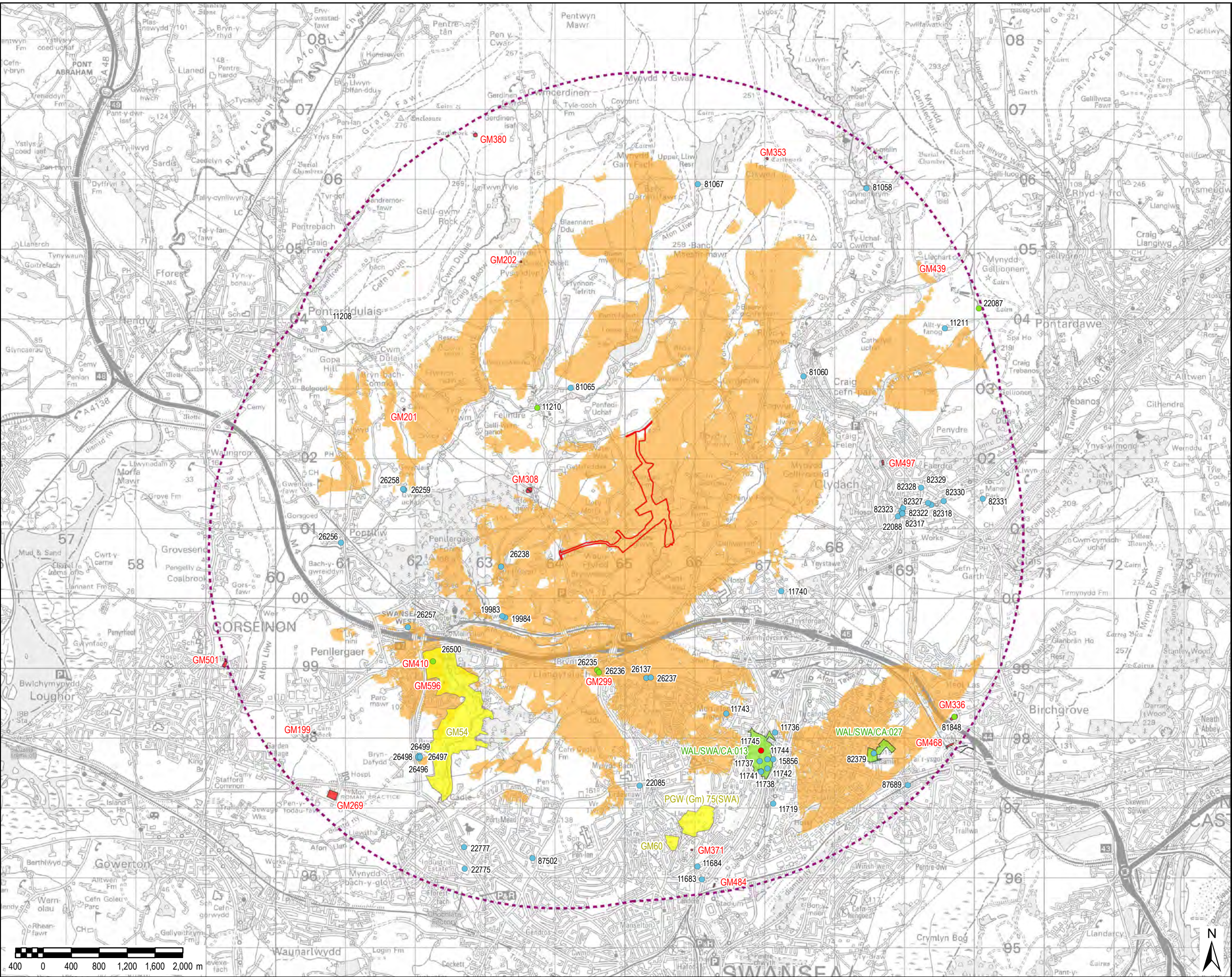
Copyright:
© Crown copyright and database rights
[2017] Ordnance Survey 0100031673
© Crown copyright: Royal Commission
on the Ancient and Historical
Monuments of Wales
© Hawffraint y Goron: Comisiwn
Brenhinol Henebion Cymru

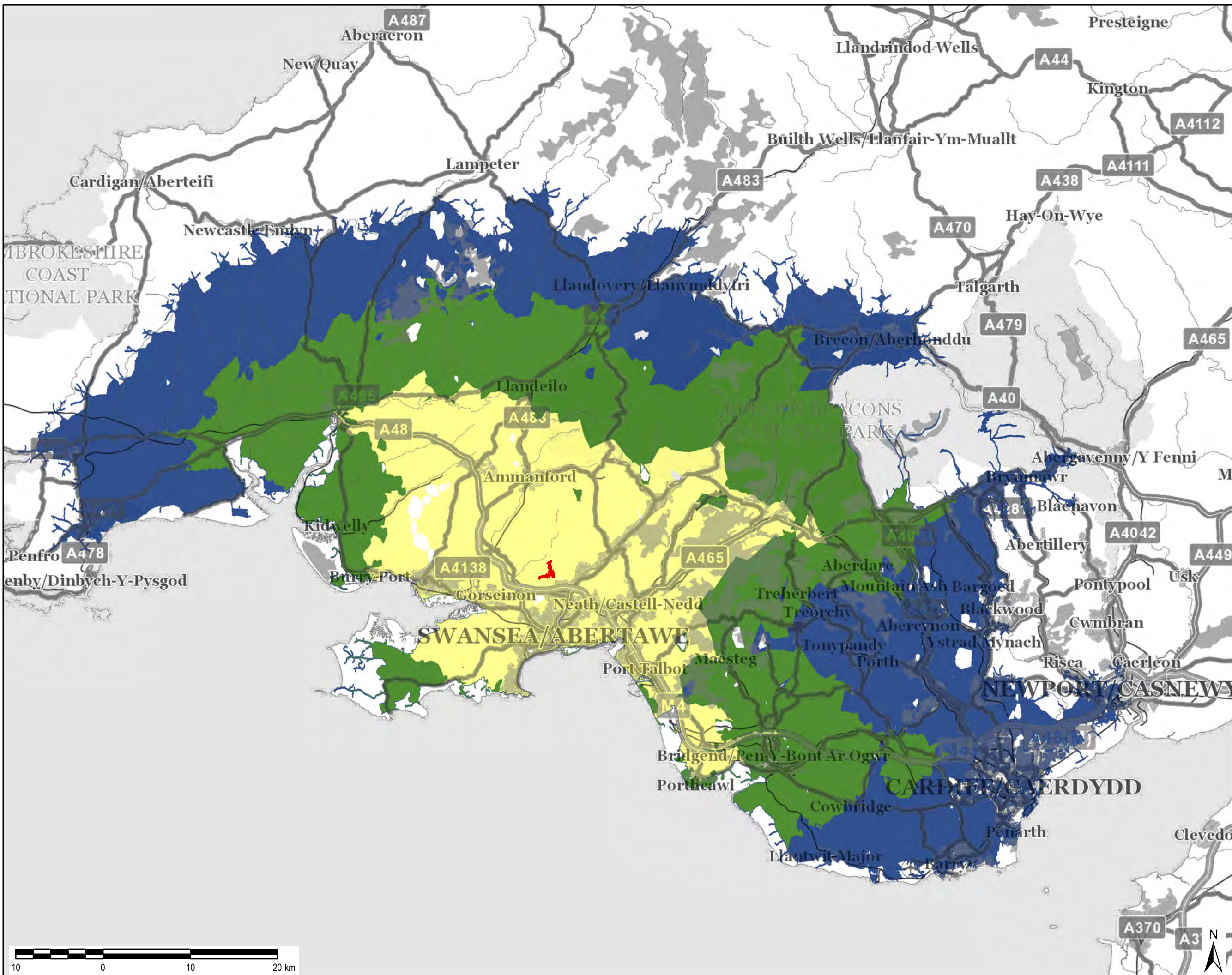
AECOM Internal Project No:
60542910

Drawing Title:

**DESIGNATED HISTORIC
ASSETS IN THE
5KM STUDY AREA**

Scale at A3: 1:50,000
Drawing No: **Rev:**
FIGURE 13.2 005
Drawn: Chk'd: App'd: Date:
GM CC CA 02/05/18





AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

ABERGELLI POWER
PROJECT

Client:



LEGEND

- Project Site Boundary
- 30 minute drivetime
- 45 minute drivetime
- 60 minute drivetime

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

© Local Government Information House
Limited copyright and database rights
[2017] 0100031673

AECOM Internal Project No:

60542910

Drawing Title:

SOCIO-ECONOMIC
STUDY AREA

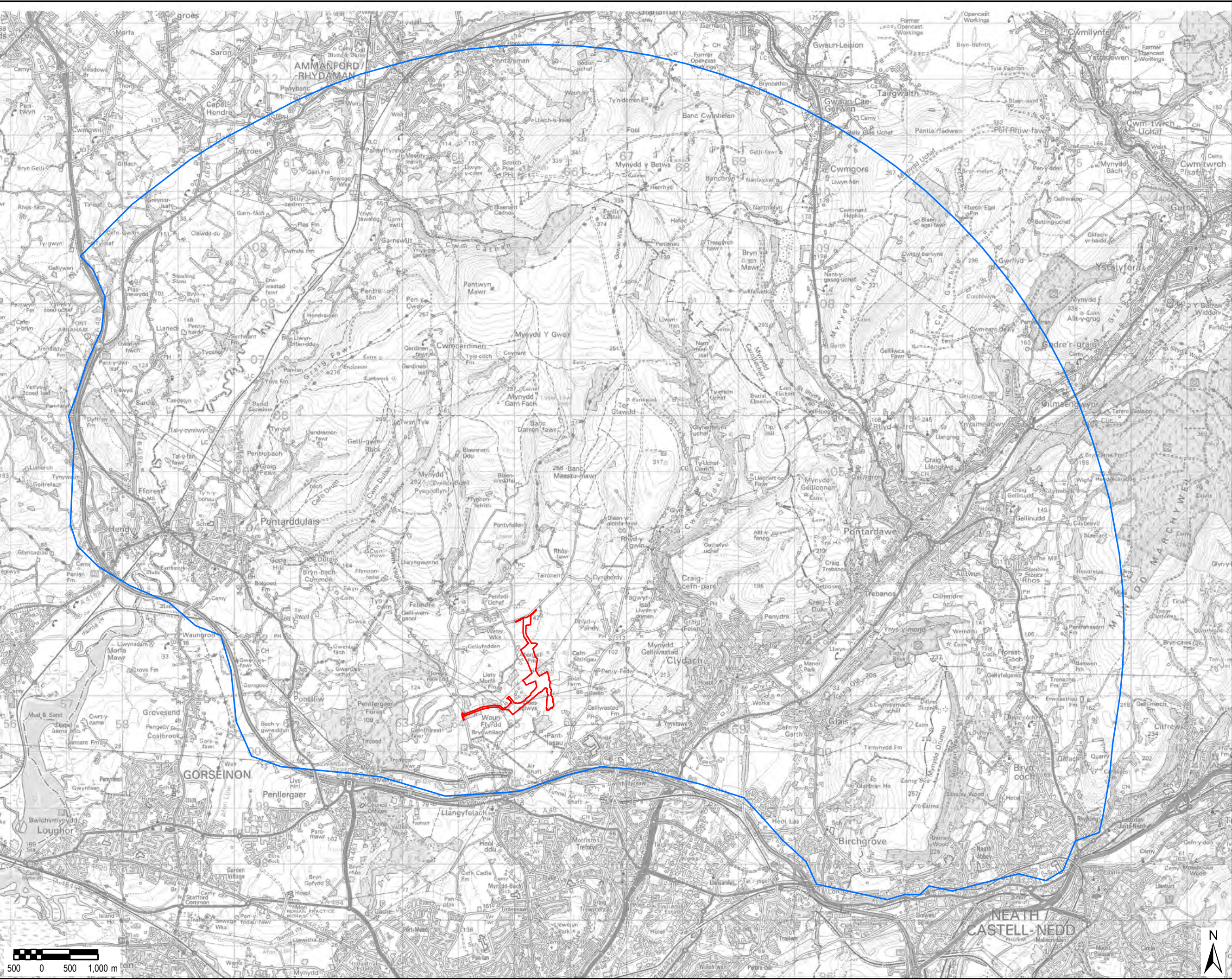
Scale at A3: 1:400,000

Drawing No: Rev:

FIGURE 14.1 001

Drawn: Chk'd: App'd: Date:

HG TF TF 24/04/18



AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

ABERGELLI POWER
PROJECT

Client:



LEGEND

- Project Site Boundary
- Study Area

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

© Local Government Information House
Limited copyright and database rights
[2017] 0100031673

AECOM Internal Project No:

60542910

Drawing Title:

TOURISM/BUSINESS
SURVEY
STUDY AREA

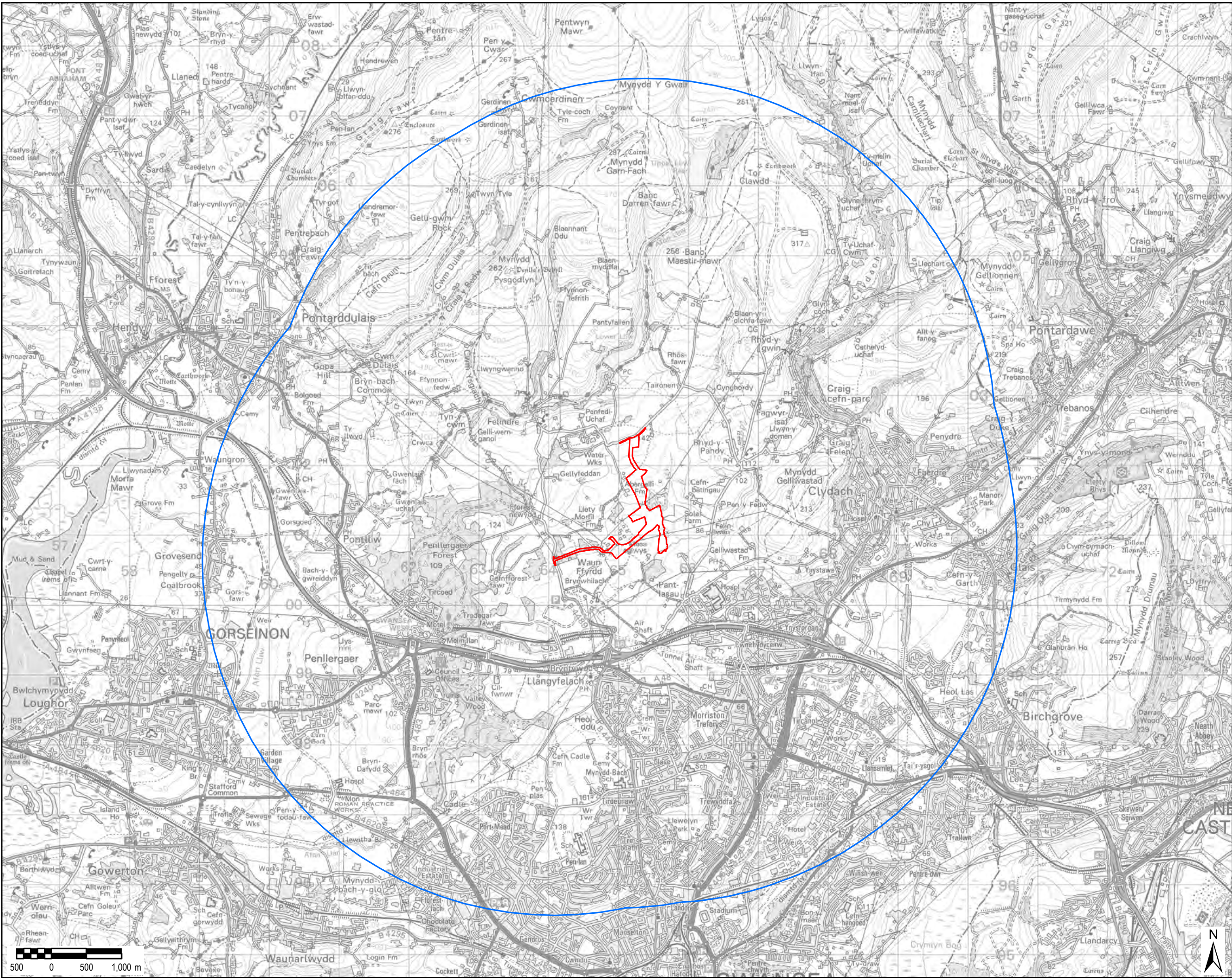
Scale at A3: 1:62,500

Drawing No: Rev:

FIGURE 14.2 001

Drawn: Chk'd: App'd: Date:

LP RM RM 30/04/18



AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

ABERGELLI POWER
PROJECT

Client:



LEGEND

- Project Site Boundary
- Study Area

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

© Local Government Information House
Limited copyright and database rights
[2017] 0100031673

AECOM Internal Project No:

60542910

Drawing Title:

COMMUNITY
INFRASTRUCTURE
STUDY AREA

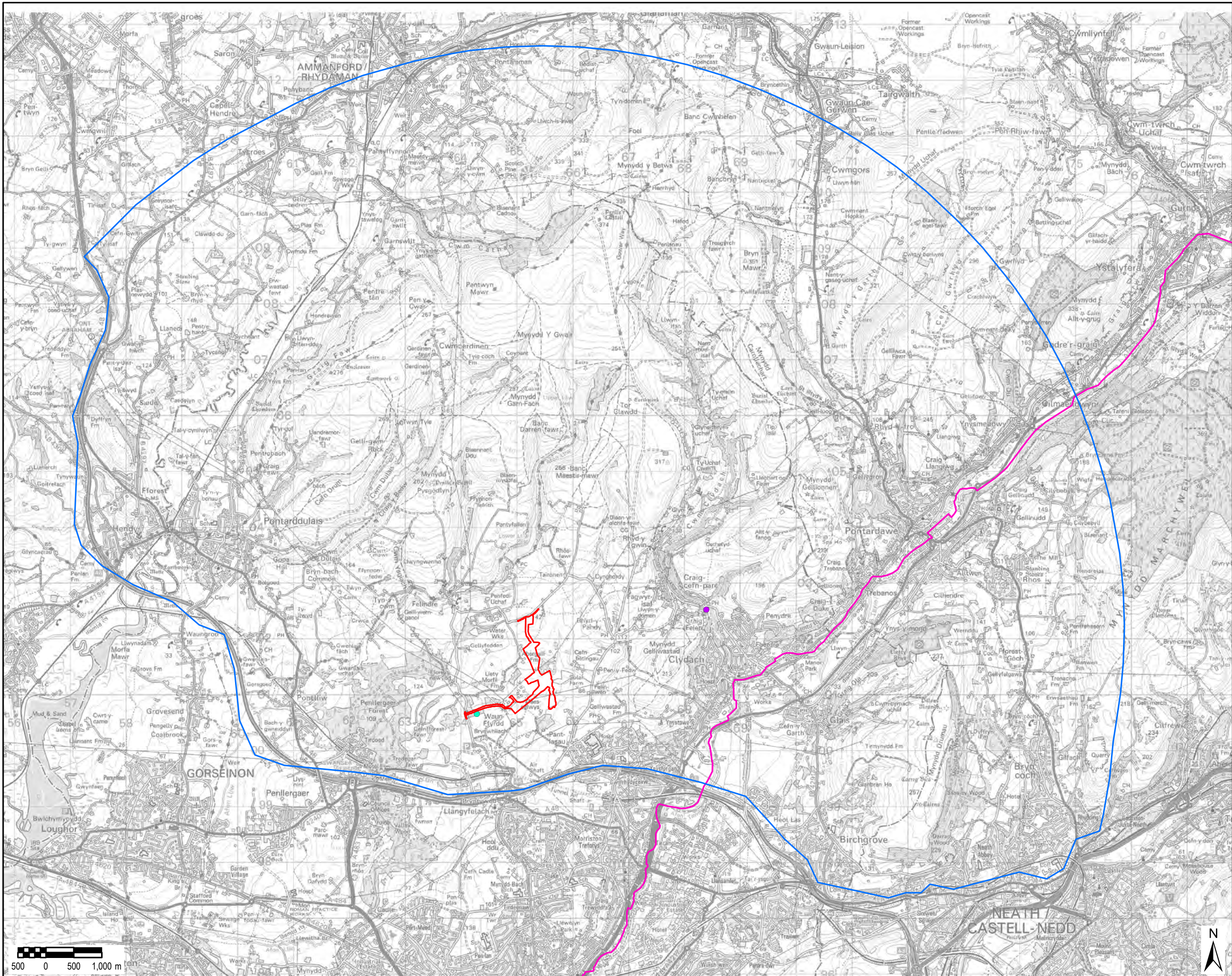
Scale at A3: 1:50,000

Drawing No: Rev:

FIGURE 14.3 001

Drawn: Chk'd: App'd: Date:

LP RM RM 30/04/18



AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

ABERGELLI POWER PROJECT

Client:



LEGEND

- Project Site Boundary
- Study Area
- Cwm Clydach Nature Reserve
- National Cycle Route 43
- Paintball Activity Centre

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

© Local Government Information House
Limited copyright and database rights
[2017] 0100031673

AECOM Internal Project No:

60542910

Drawing Title:

TOURISM AUDIT

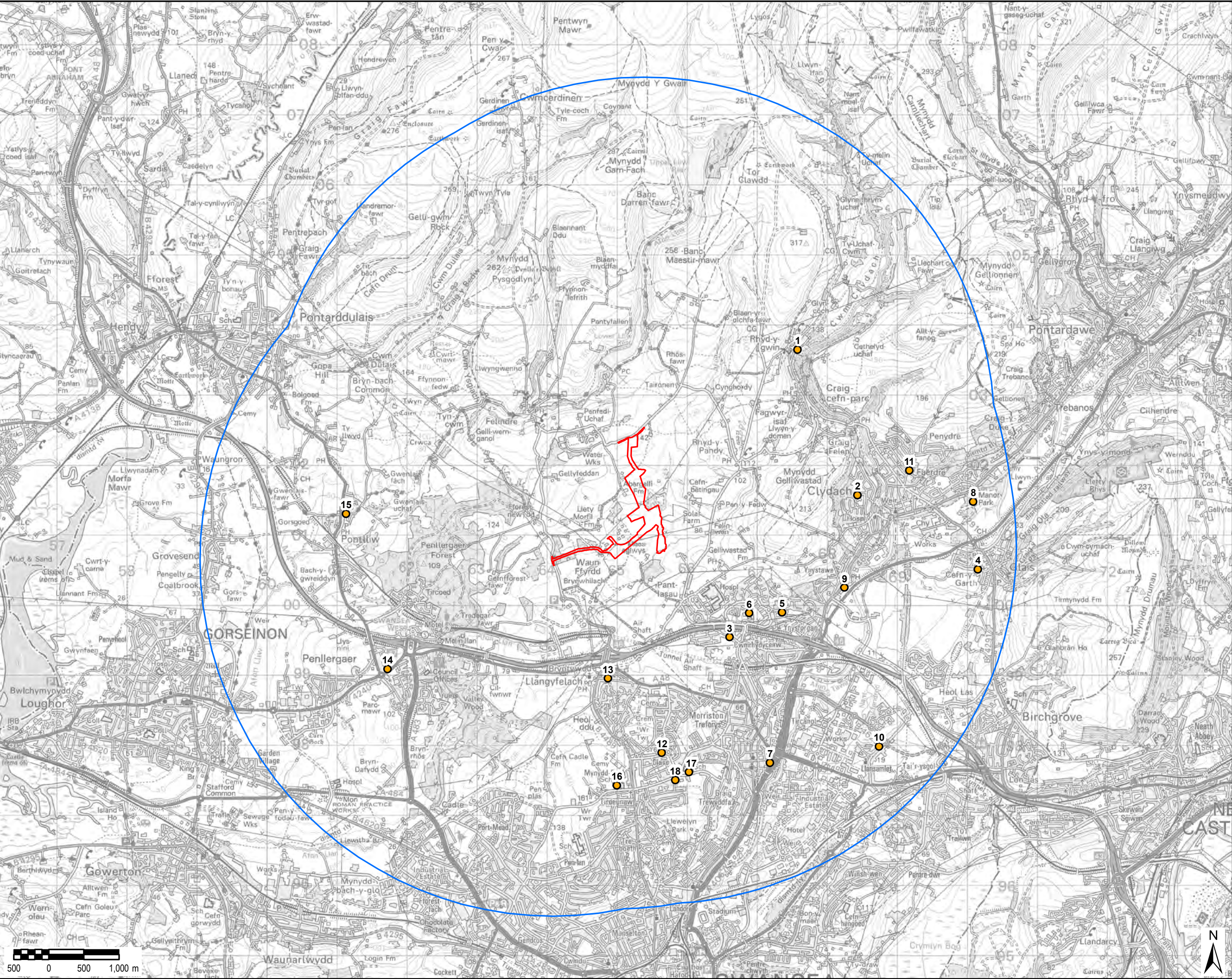
Scale at A3: 1:62,500

Drawing No: Rev:

FIGURE 14.4 001

Drawn: Chk'd: App'd: Date:

LP RM RM 30/04/18



AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

ABERGELLI POWER PROJECT

Client:



LEGEND

- Project Site Boundary
- Study Area
- Schools (1-18)

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

© Local Government Information House
Limited copyright and database rights
[2017] 0100031673

AECOM Internal Project No:

60542910

Drawing Title:

COMMUNITY INFRASTRUCTURE AUDIT: SCHOOLS

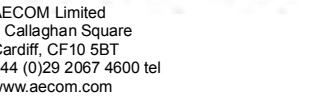
Scale at A3: 1:50,000

Drawing No: Rev:

FIGURE 14.5 001

Drawn: Chk'd: App'd: Date:

LP RM RM 30/04/18

ABERGELLI POWER
PROJECT

Abergelli
power
A Stone Island company

 Project Site Boundary
 Study Area
 GP Surgeries (19-23)
 Hospitals (24-25)

© Crown copyright and database rights
2017] Ordnance Survey 0100031673

© Local Government Information House
All rights reserved. All copyright and database rights
reserved. 2017] 0100031673

0542910

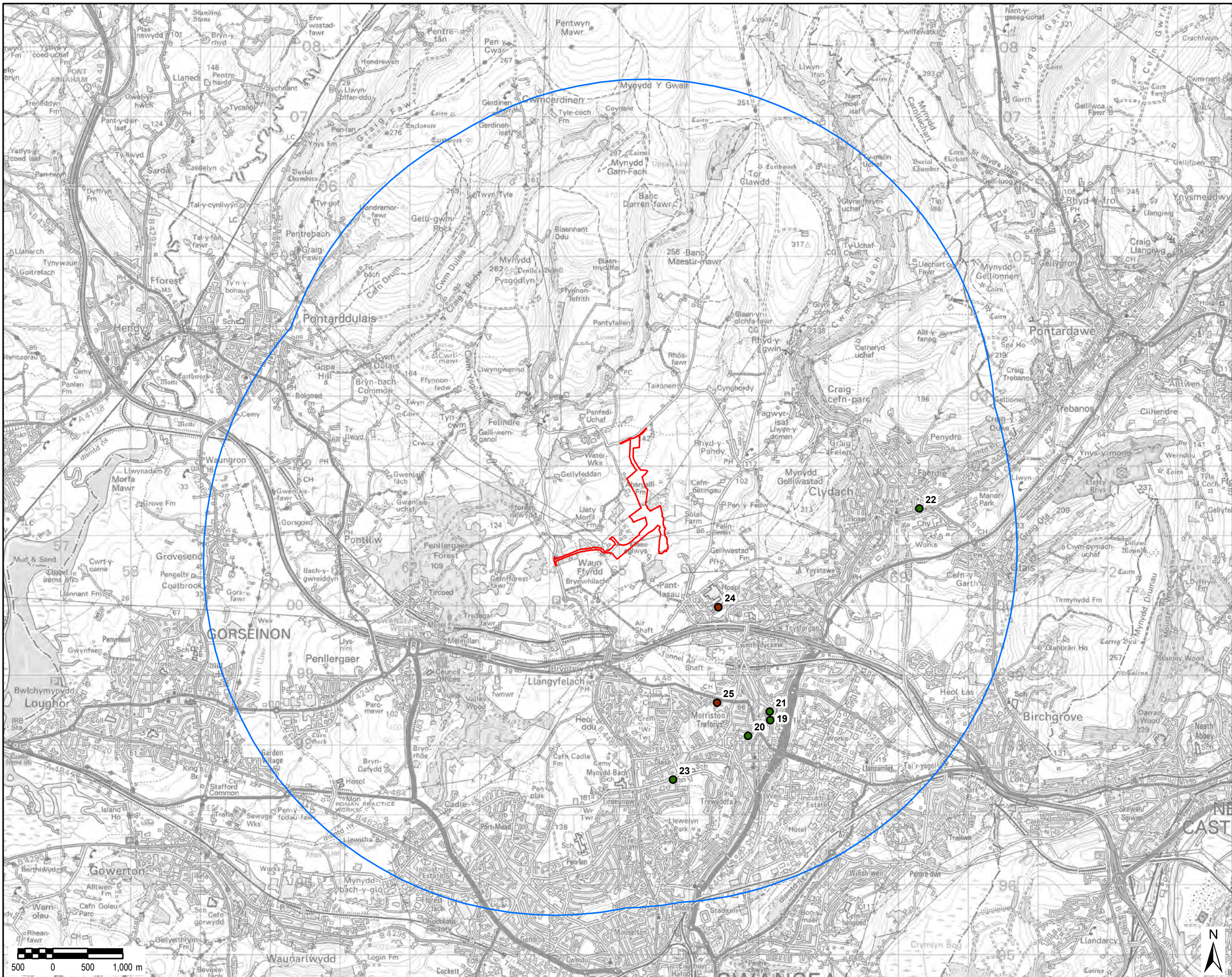
Drawing Title:
COMMUNITY
INFRASTRUCTURE
AUDIT: GPS/HOSPITALS

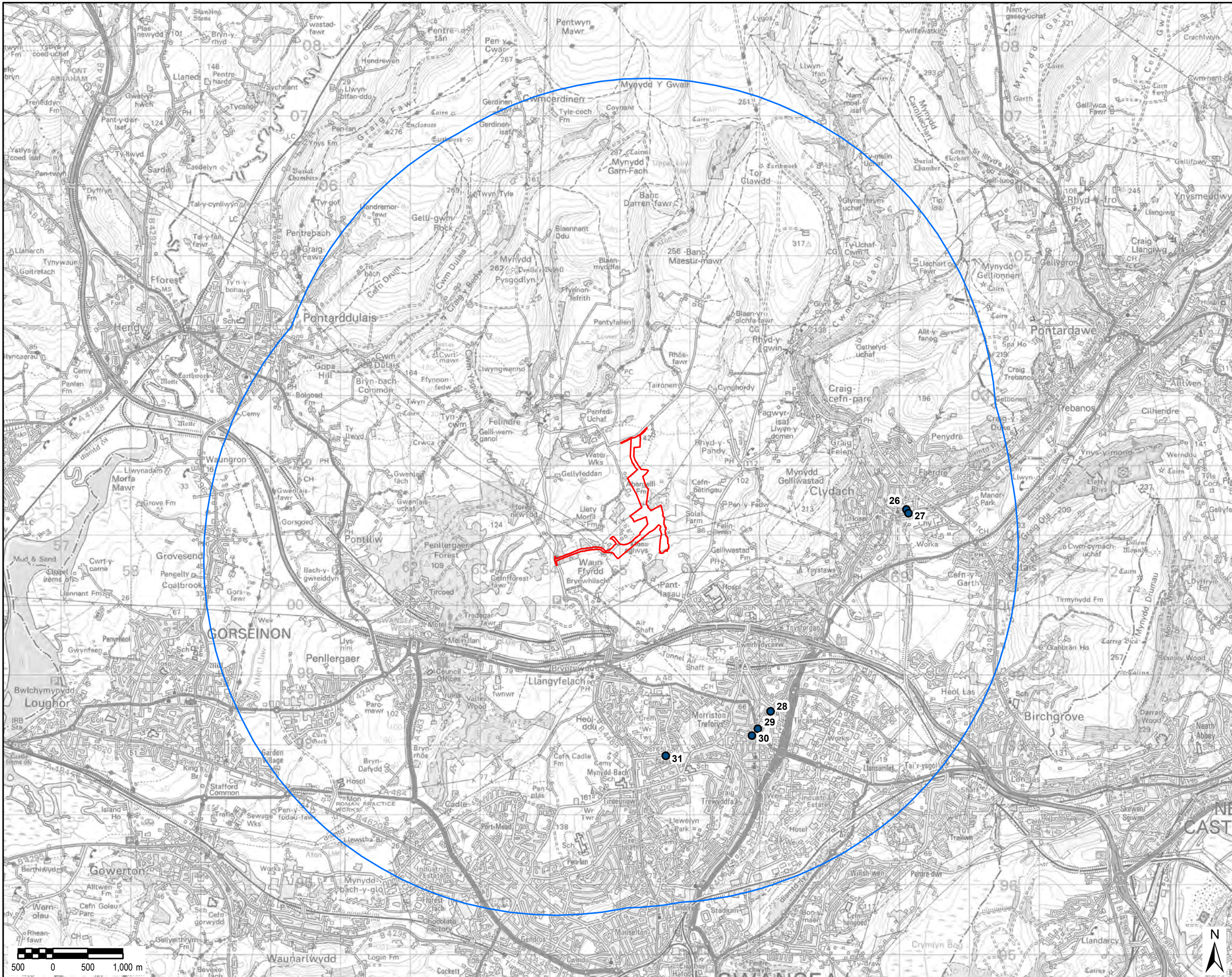
Drawing No: Rev:

FIGURE 14.6 001

Drawn: Chk'd: App'd: Date:

P RM RM 30/04/18





AECOM

AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

**ABERGELLI POWER
PROJECT**

Client:



LEGEND

- Project Site Boundary
- Study Area
- Pharmacies (26-31)

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

© Local Government Information House
Limited copyright and database rights
[2017] 0100031673

AECOM Internal Project No:

60542910

Drawing Title:

**COMMUNITY
INFRASTRUCTURE
AUDIT: PHARMICIES**

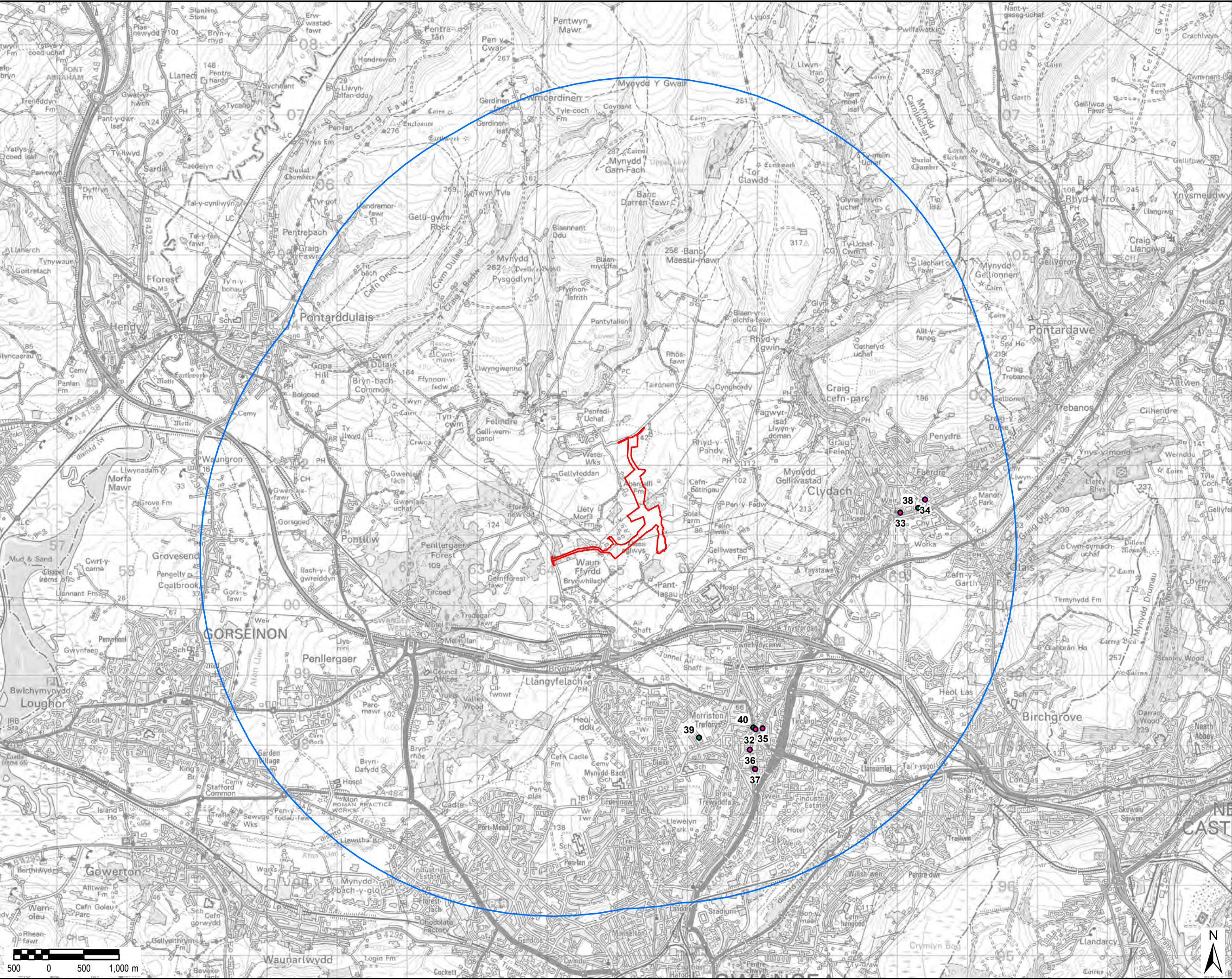
Scale at A3: 1:50,000

Drawing No: **Rev:**

FIGURE 14.7 001

Drawn: Chk'd: App'd: Date:

LP RM RM 30/04/18



AECOM Limited
1 Callaghan Square
Cardiff, CF10 5BT
+44 (0)29 2067 4600 tel
www.aecom.com

Project Title:

ABERGELLI POWER PROJECT

Client:



LEGEND

- Project Site Boundary
- Study Area
- Dentists (32-37)
- Recreation & Arts (38-40)

Copyright:

© Crown copyright and database rights
[2017] Ordnance Survey 0100031673

© Local Government Information House
Limited copyright and database rights
[2017] 0100031673

AECOM Internal Project No:

60542910

Drawing Title:

COMMUNITY
INFRASTRUCTURE
AUDIT: DENTISTS
RECREATION & ARTS
Scale at A3: 1:50,000

Drawing No: Rev:

FIGURE 14.8 001

Drawn: Chk'd: App'd: Date:

LP RM RM 30/04/18