Design and Access Statement

South Tyneside District Hospital
Harton Lane
South Shields
Tyne & Wear
NE34 0PL

12/12/2018

Statement completed by **Jaden Fish**

Rev	Date	By	Comments
1	12/12/2018	Jaden Fish	First Draft

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1. Introduction

1.1 Background

ParkingEye are retrospectively applying for the installed car park management system on an existing car park owned by SOUTH TYNESIDE NHS FOUNDATION TRUST of South Tyneside District Hospital, Harton Lane, South Shields, Tyne And Wear, NE34 0PL which utilises automatic number plate recognition cameras (ANPR), associated signage & Payment Kiosks to monitor the entrance and exit of vehicles within the specified car park.

This design and access statement has been produced to accompany planning application South Tyneside District Hospital, Harton Lane, South Shields, Tyne & Wear, NE34 0PL in accordance with the requirements of *Town and Country Planning (Development Management Procedure) (England) Order 2013*

This report illustrates the manner in which the inclusive design and access requirements for the retrospective development had been considered and worked into the proposal. This report will be submitted with the planning application.

2. Context of the Site

The site is currently used as a car park with approximately 910 parking bays.

The retrospective application seeks to provide management of the existing car park to reduce car park abuse and ensure that spaces are available for geniune site users

The planning application red line boundary shows the area operated by the land owner and the extent of the existing car park.

3. Design

3.1 Introduction

The following section of the Design and Access Statement looks at the design issues and impacts of each key element of the retrospective development against the following criteria

- Use
- Layout
- Scale
- Appearance

3.2 Overall Scheme

The site will continue to operate as a car park however it will be managed by an ANPR system.

The proposal will consist of the following elements:

- ANPR camera
- 5m camera column
- Camera cabinet
- Cabling to link the camera to a power supply
- 3m signage poles
- Associated signage

Each of the above ground elements has incorporated sensitive design principles where feasible and these are detailed in the attached appendicies. The assesment will focus on the potential effects each element will have on the existing local environmental and landscape character.

3.3 Design Issues and Impacts

The retrospective development has a minimal impact on the local landscape character and no landscape elements have been lost as a result of the construction and installation of the ANPR car park management system. As the site is an existing car park, the new infrastructure has been installed in an area that already incorporates similar style features.

4. Access

4.1 Proposed Access Arrangments

Access to the proposed development will be from the existing access road to the car park. The site access and exit arrangments has not changed due to installation of an ANPR system.

Due to the small scale of the infrastructre, extra vehicle movements were limited to the movement of personel travelling to and from the site.

5. Conclusion

The equipment used for the retrospective development are of a standard specification and be as environmentally sensitive as possible in terms of design. The scheme has been located on an area of land that is already used for car parking and as such will not signifficantly impact upon visual or landscape receptors. The design will ensure that the existing car park is used more effectively and reduce the amount of abuse that occurred.

6. Appendices

6.1 Site Location Drawing



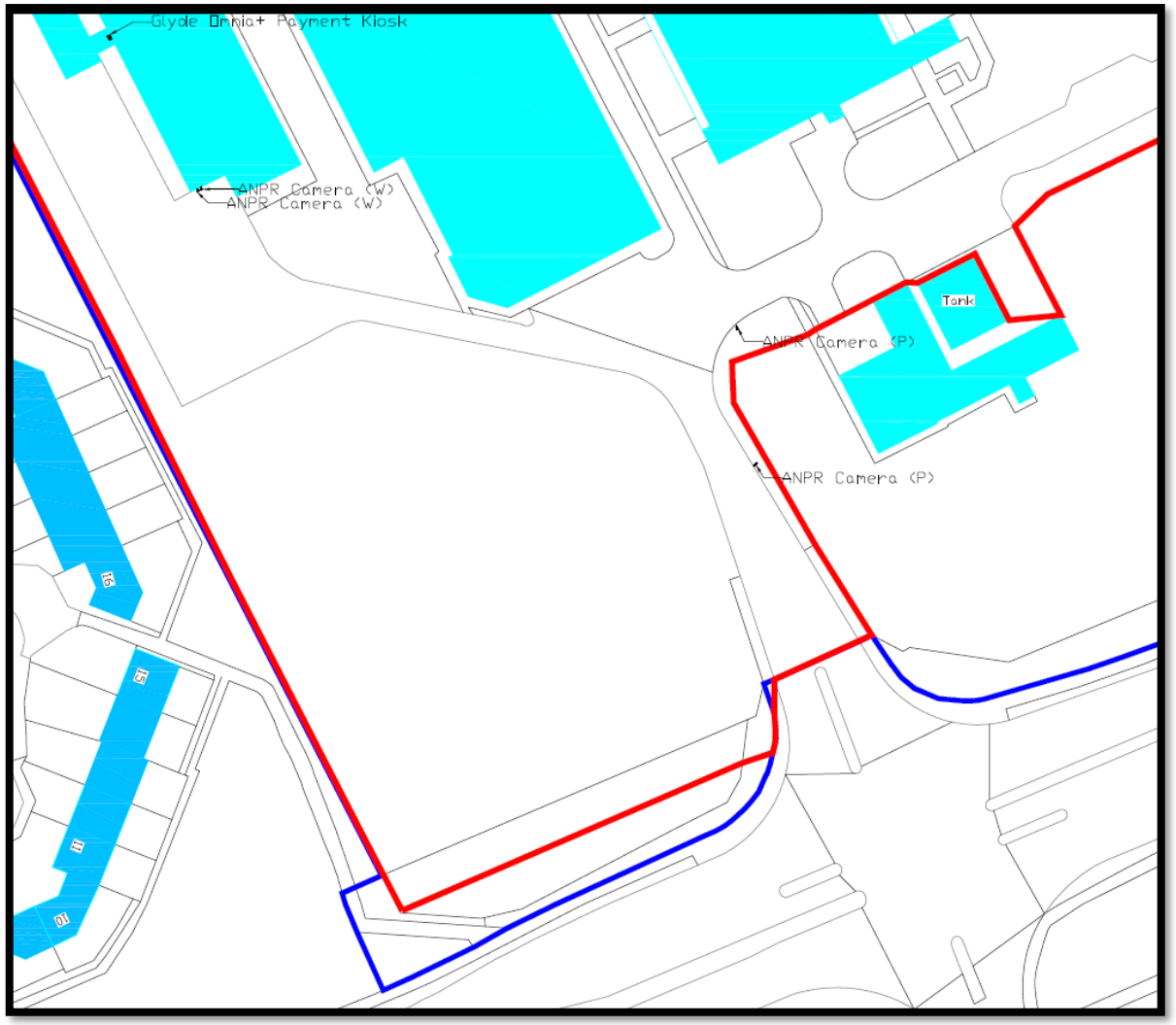
6.2 ANPR Location Drawing



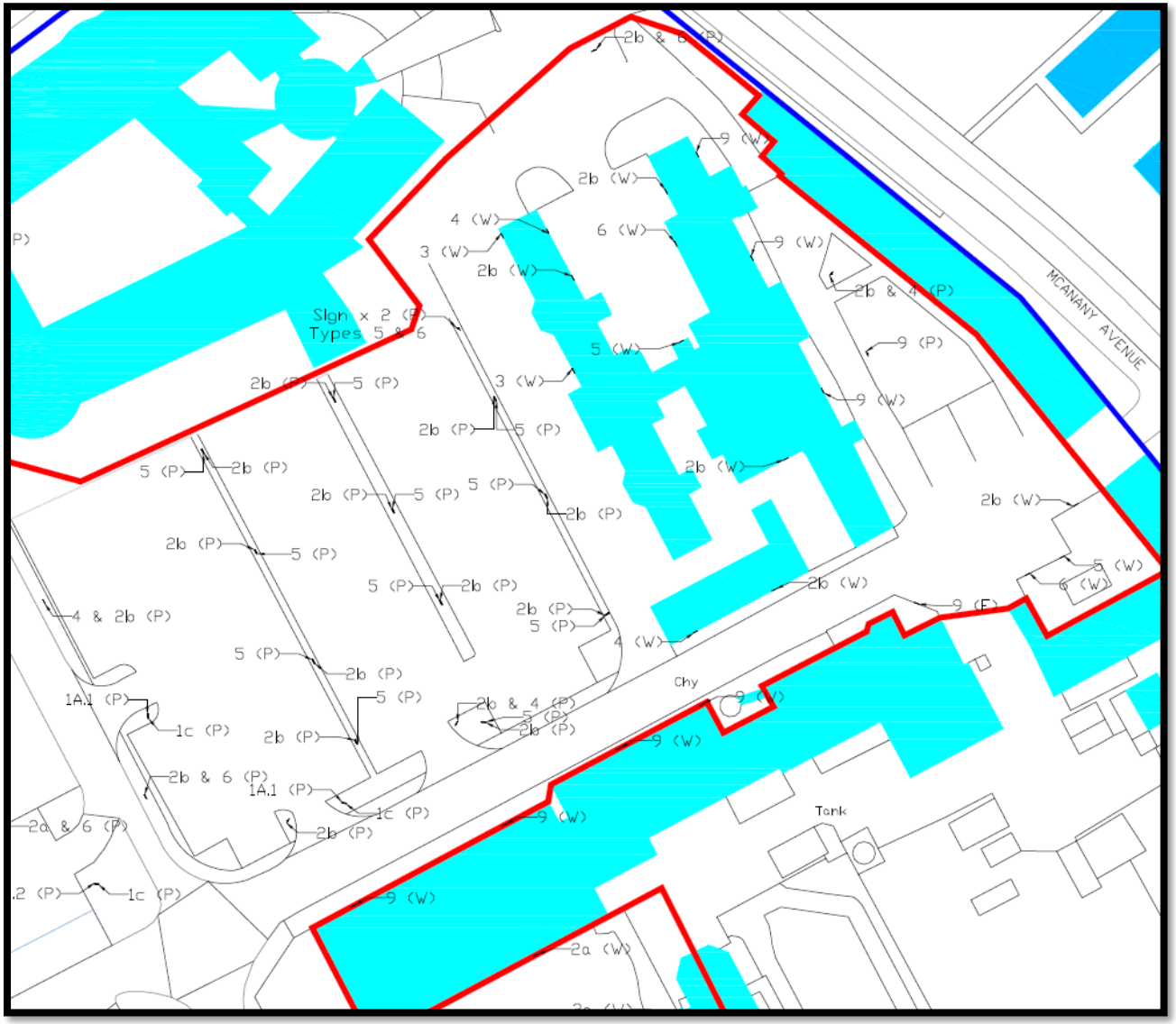

Chy
ANPR Camera (P)
Tank
ANPR Camera (P)
amera (P)
amera (P)
ANPR Camera (P)
22.6m
ANPR Camera (P)
ANPR Camera (W)


ANPR Camera (W)
Internal Gly
Internal Glyde Omnia+ Payment Kiosk
Internal Glyde Omnia+ Payment Kiosk
ANPR Camera (P)
Internal Glyde Omnia+ Payment Kiosk
Glyde Omnia+ Payment Kiosk


Internal Glyde Omnia+ Payment Kiosk
Internal Glyde Omnia+ Payment Kiosk
Internal Glyde Omnia+ Payment Kiosk


Glyde Omnia+ Payment Kiosk
ANPR Camera (W)
ANPR Camera (W)
Tank
ANPR Camera (P)
ANPR Camera (P)
G
H
I

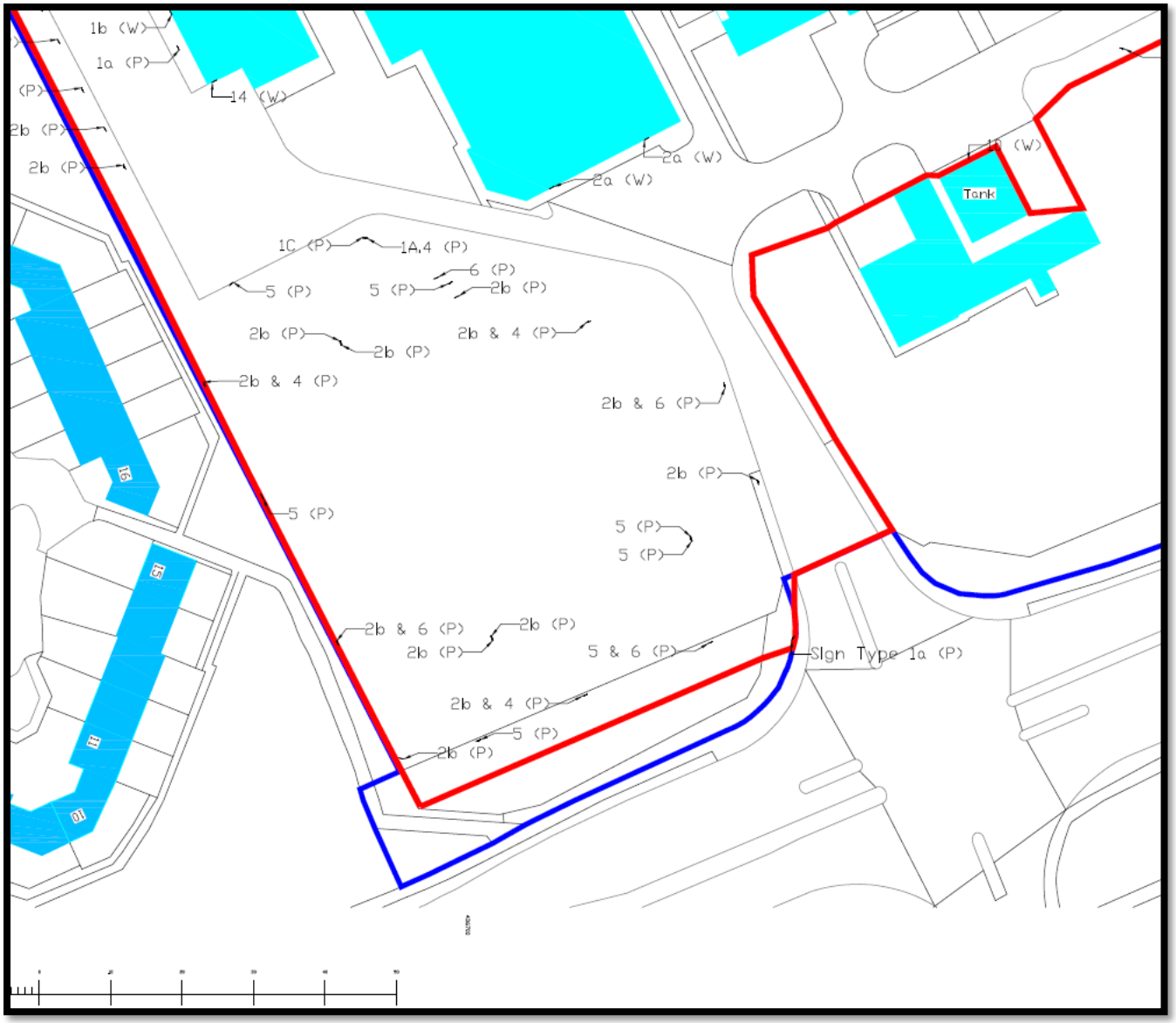
6.3 Signage Plan




5 & 4 (P)
2b (P)
6 (P)
4 (P)
5 (P)
2a & 6 (P)
1A.2 (P)
1c (P)
2a & 4 (P)
2a (P)
5 & 6 (P)
3 (P)
2b & 5 (P)
1A.6 (P)
2b &4 (P)
2 (P)
2 (W)
1A.1 (P)
2b & 6 (P)
4 & 2b (P)
9 (W)
1b (P)
6 & 4 (P)
FS

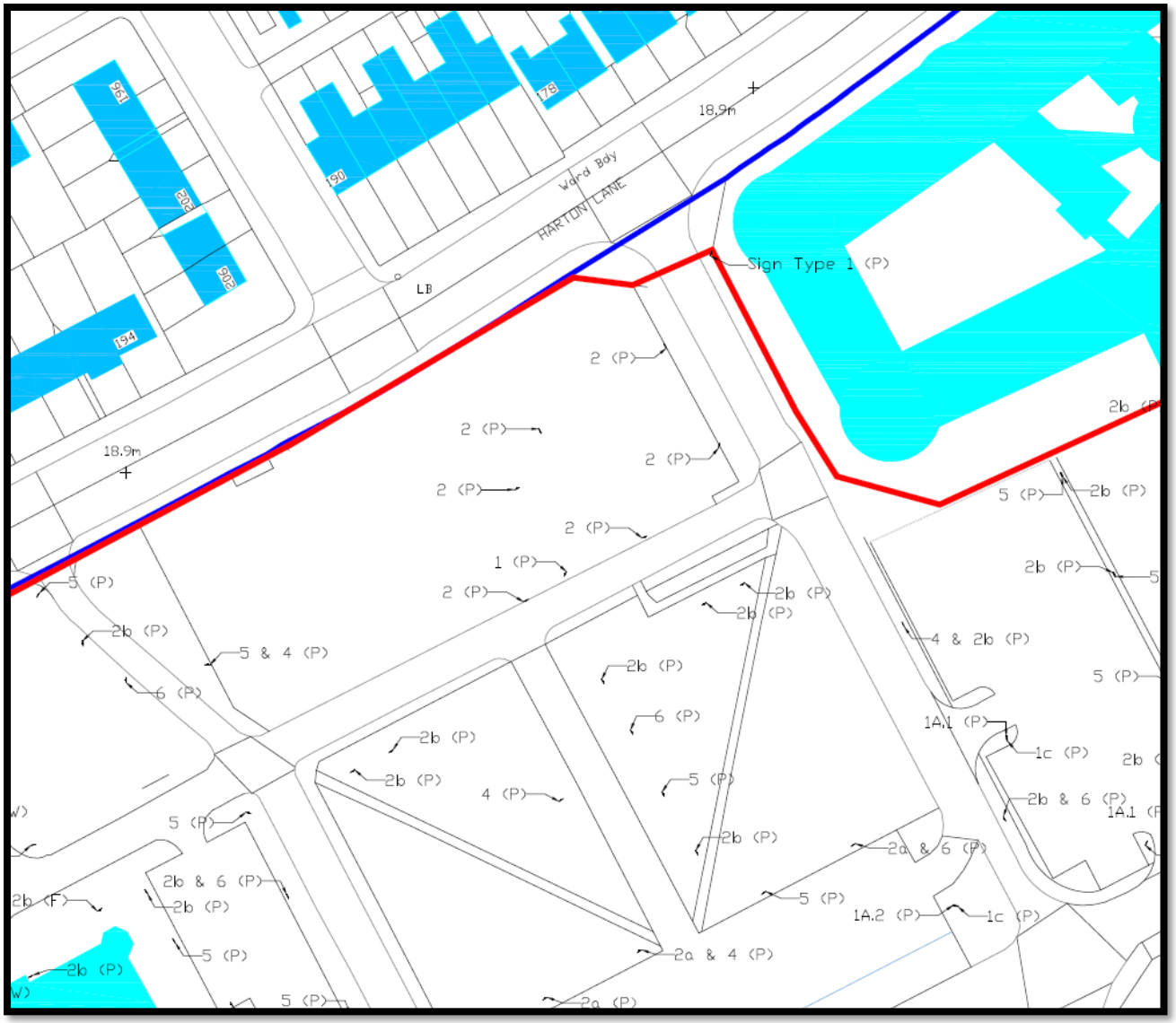

2b (F)
2b (W)
5
5
11 (W)
11 (W)
9 (P)
9 (P)
9 (P)
10 (W)
2a (W)
2a (W)
Tank
1A,4 (P)

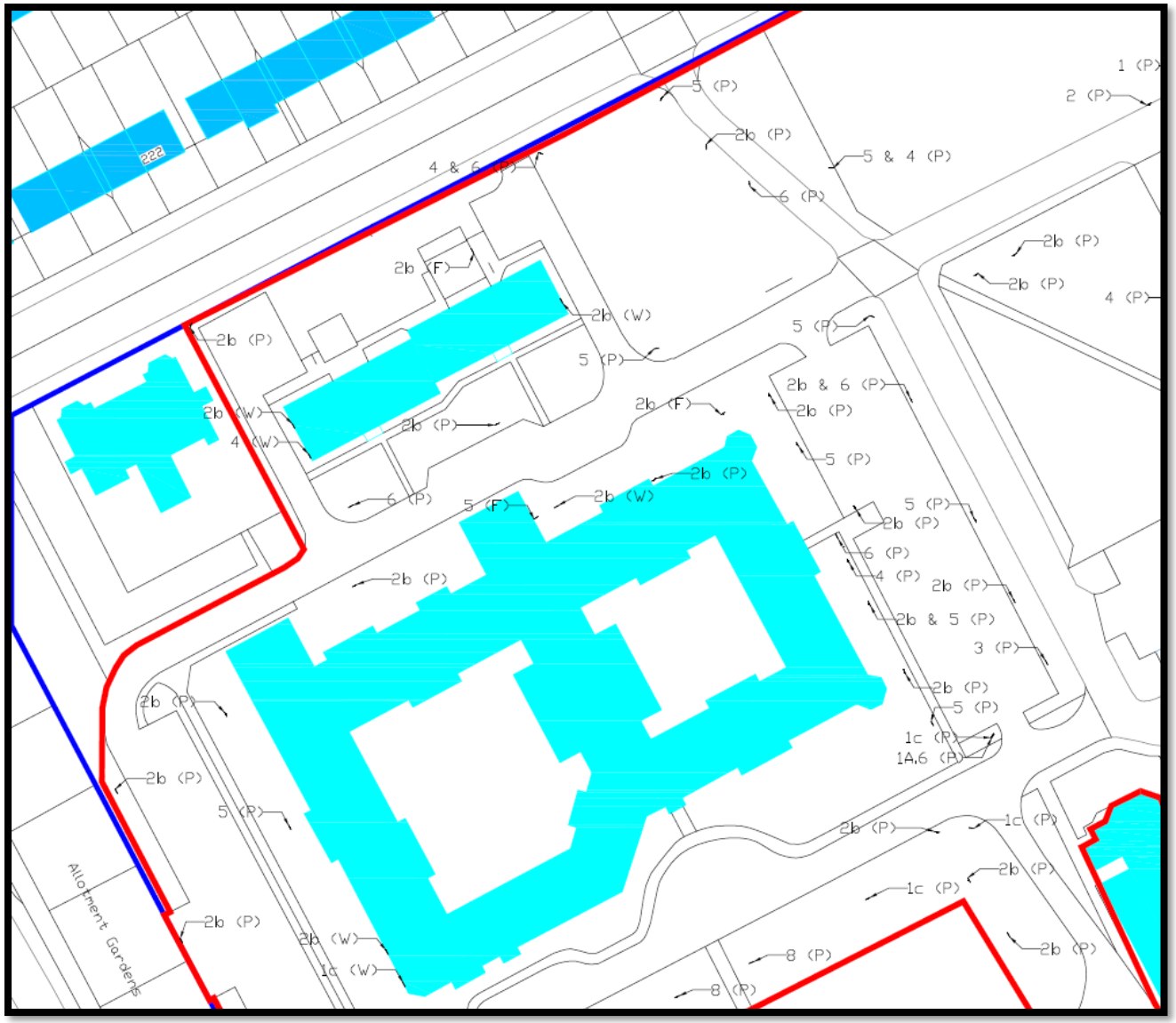

2b & 4 (P)
5 (P)
2b x2 (P)
2b & 6 (P)
5 (P)
2b & 6 (D/P)
2b (F)
5 (W)
2b (W)
2b (P)
2b (P)
6 (P)
4 (P)
5 (P)
2b (P)
2b & 6 (P)
2b (P)
5 (P)
11 (W)
9 (P)
9 (P)
9 (P)
Bonsall Court
21
22
82
24
92

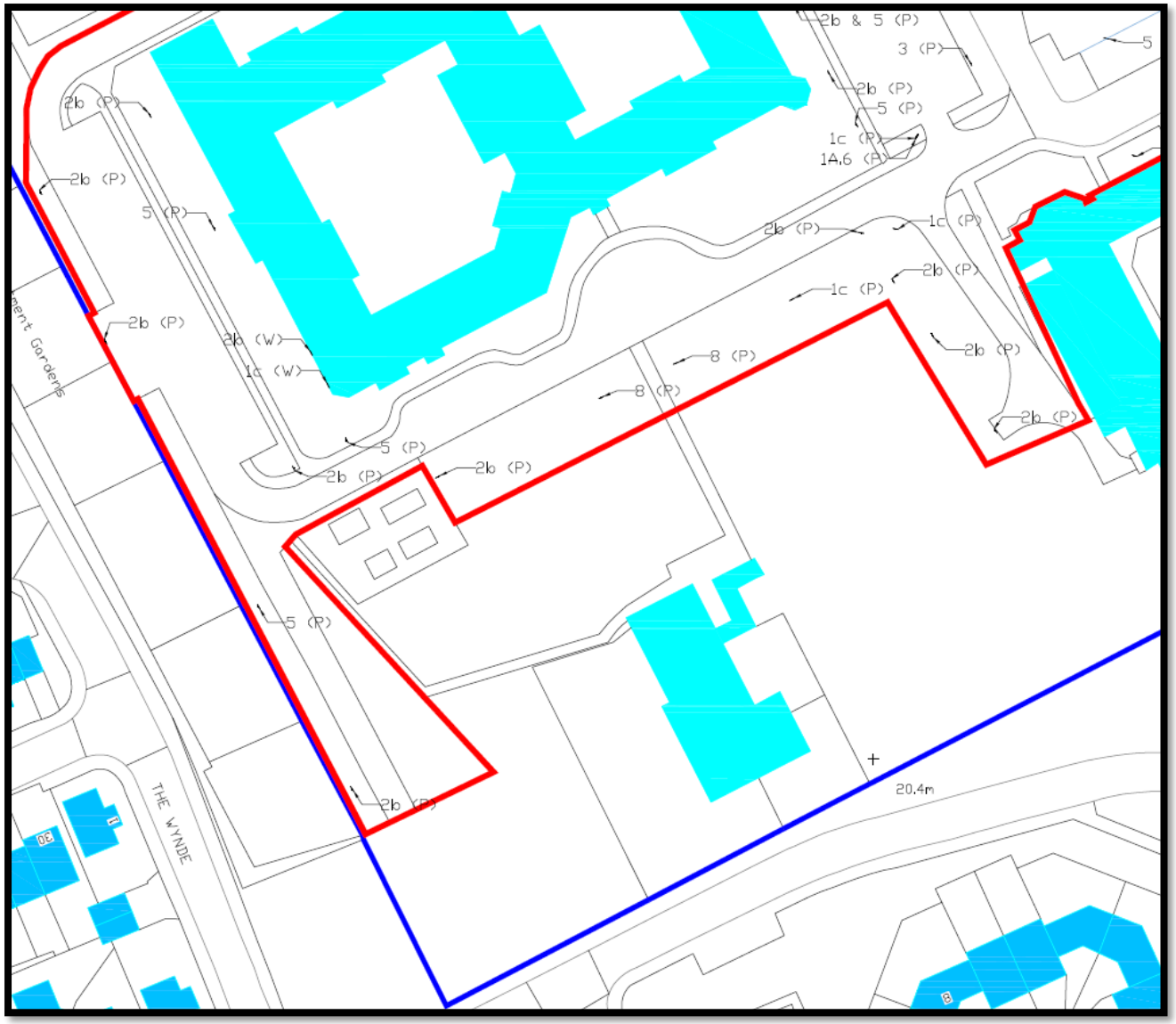

1b (W)
1a (P)
14 (W)
(P)
2b (P)
2b (P)
2a (W)
2a (W)
1b (W)
Tank
1C (P)
1A,4 (P)
6 (P)
5 (P)
5 (P)
2b (P)
2b (P)
2b (P)
2b & 4 (P)
2b (P)
2b & 4 (P)
2b & 6 (P)
2b (P)
5 (P)
5 (P)
5 (P)
2b & 6 (P)
2b (P)
2b (P)
5 & 6 (P)
Sign Type 1a (P)
2b & 4 (P)
5 (P)
2b (P)
15
11
01


2b (P)
2b (P)
1 (P)
2 (W)
3 (P)
3 (P)
6 (P)
3 (P)
3 (W)
22.9m
2a & 4 (P)
5 & 6 (P)
2a & 4 (P)
2a (P)
6 (P)
6 (P)
5 (P)
6 (P)
5 (P)
1A.5 (P)
1b (P)
2a (P)
2a (P)
2a (P)
12 (P)
12 (P)
12 (P)
2a (P)
2a (P)
2a (P)
3 (P)
HOMESTALL CLOSE
THE WYNDE

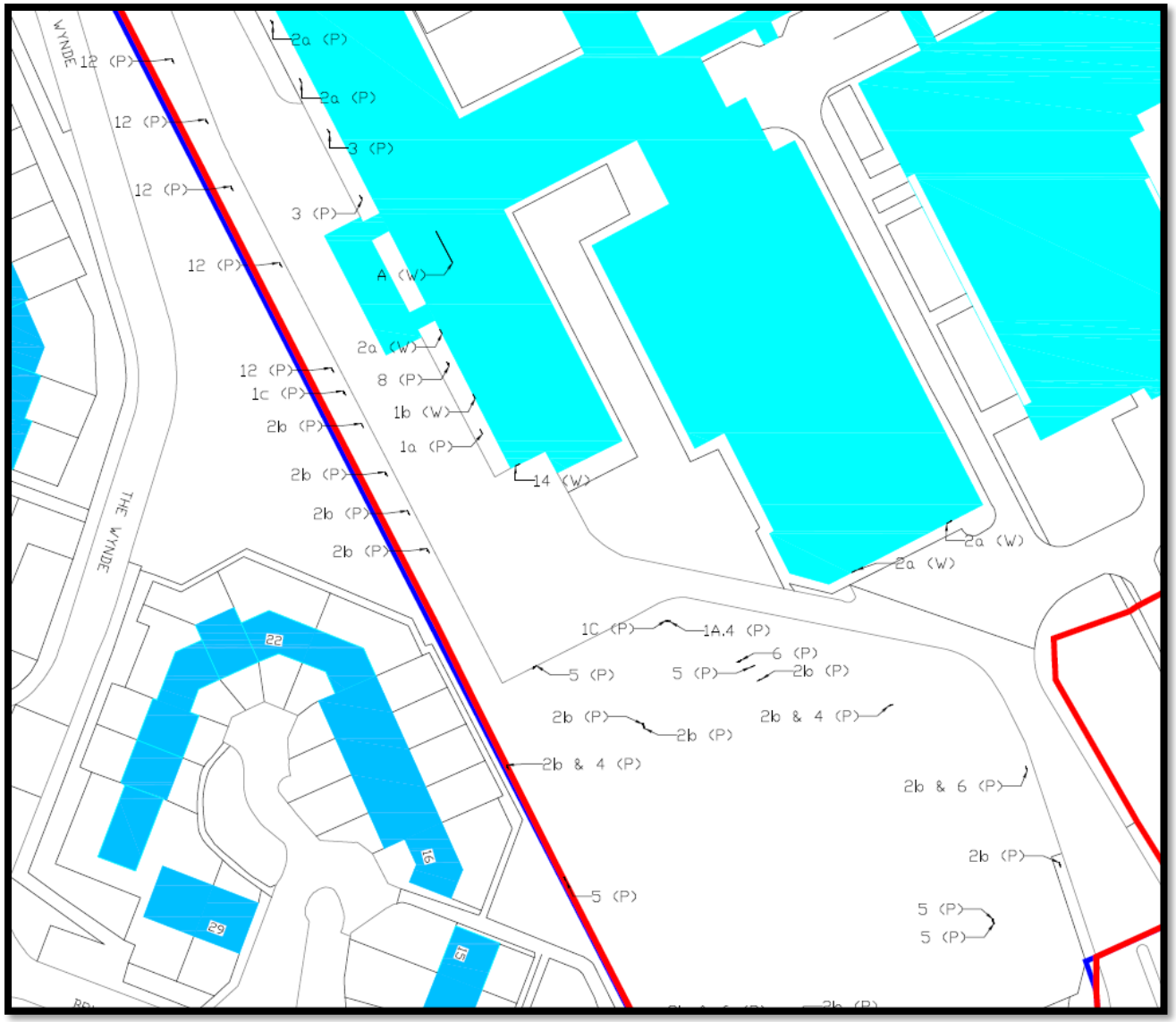

1 (P)
2 (P)
5 (P)
2b (P)
5 & 4 (P)
4 & 6 (P)
6 (P)
2b (F)
2b (W)
5 (P)
2b & 6 (P)
2b (P)
4 (P)
2a & 4 (P)
2a (P)
5 & 6 (P)
3 (P)
2b & 5 (P)
1c (P)
1A.6 (P)
8 (P)
FS

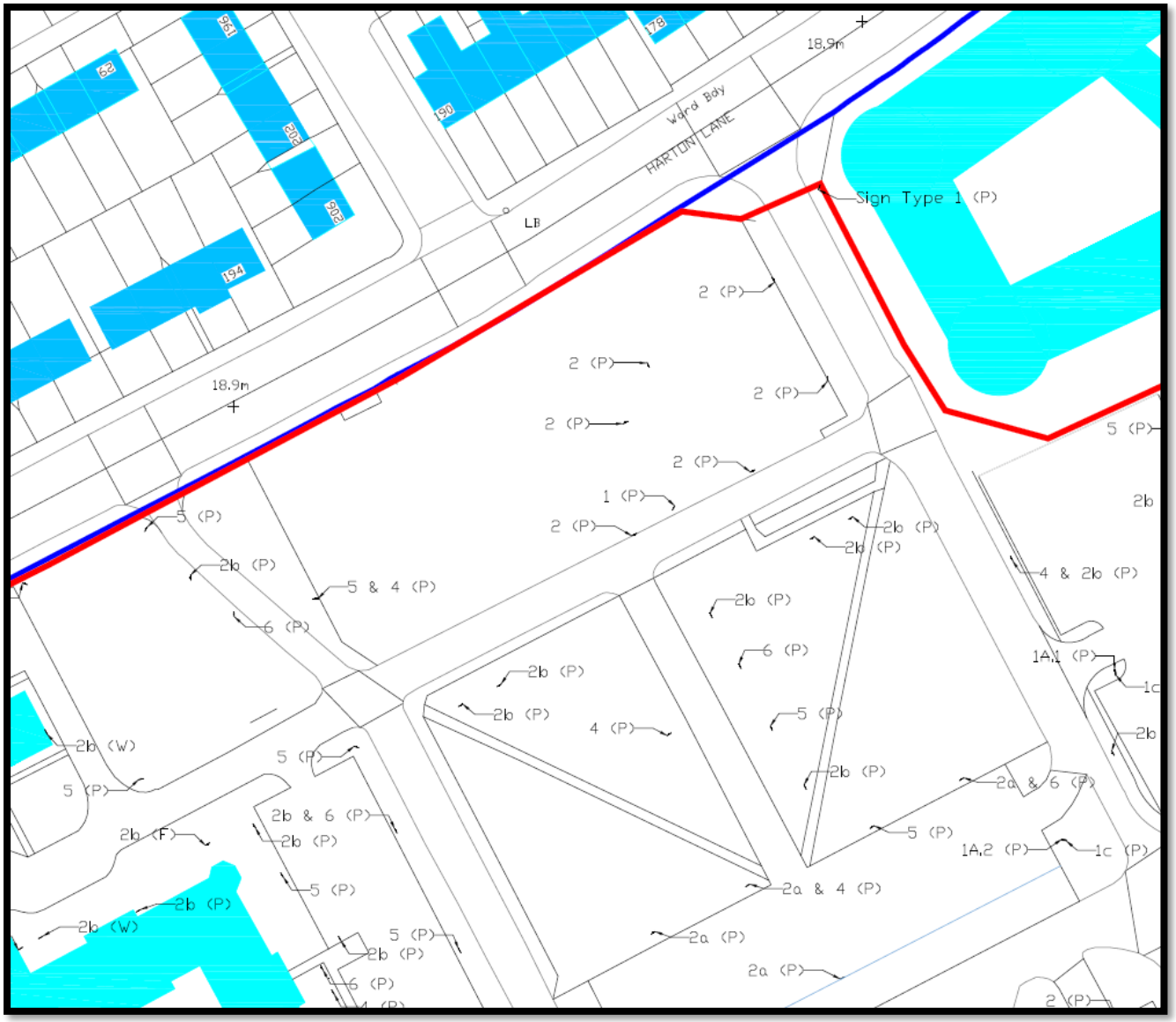

Sign Type 1 (P)
HARTON LANE
Ward Bdy
LB
18.9m
18.9m
961
902
903
194
190
178
2 (P)
2 (P)
2 (P)
2 (P)
1 (P)
2 (P)
5 (P)
2b (P)
5 & 4 (P)
6 (P)
2b (P)
2b (P)
2b (P)
2b (P)
6 (P)
5 (P)
4 (P)
2b (P)
2b (P)
5 (P)
2b & 6 (P)
2b (P)
5 (P)
2b (P)
2a & 4 (P)
2a (P)
5 (P)
2b (P)
5 (P)
2b (P)
4 & 2b (P)
5 (P)
1A.1 (P)
1c (P)
2b & 6 (P)
2a & 6 (P)
1A.2 (P)
1c (P)


222
4 & 6 (P)
5 (P)
2b (P)
5 & 4 (P)
6 (P)
1 (P)
2 (P)
2b (P)
2b (P)
4 (P)
2b (F)
2b (W)
2b (P)
5 (P)
5 (P)
2b & 6 (P)
2b (P)
2b (W)
4 (W)
2b (P)
2b (F)
5 (P)
6 (P)
5 (F)
2b (W)
2b (P)
5 (P)
2b (P)
6 (P)
4 (P)
2b (P)
2b & 5 (P)
3 (P)
2b (P)
2b (P)
5 (P)
1c (P)
1A,6 (P)
2b (P)
5 (P)
2b (P)
2b (P)
1c (P)
1c (P)
2b (P)
2b (W)
1c (W)
8 (P)
8 (P)
2b (P)
Allotment Gardens


2b & 5 (P)
3 (P)
5
2b (P)
5 (P)
1c (P)
14.6 (P)
2b (P)
2b (P)
5 (P)
2b (P)
1c (P)
2b (P)
1c (P)
2b (P)
2b (W)
1c (W)
8 (P)
8 (P)
2b (P)
2b (P)
5 (P)
2b (P)
2b (P)
5 (P)
2b (P)
20.4m
THE WYNDE
30


3 (P)
3 (W)
13 (F)
16 (P)
2a & 6 (P)
6 (P)
2a & 4 (P)
6 (P)
5 (P)
A (W)
2a (P)
6 (P)
6 (P)
5 (P)
1A.5 (P)
1b (P)
2a (P)
12 (P)
THE WYNDE
2a (P)
2a (P)
12 (P)
2a (P)
12 (P)
3 (P)
12 (P)
3 (P)
12 (P)
A (W)

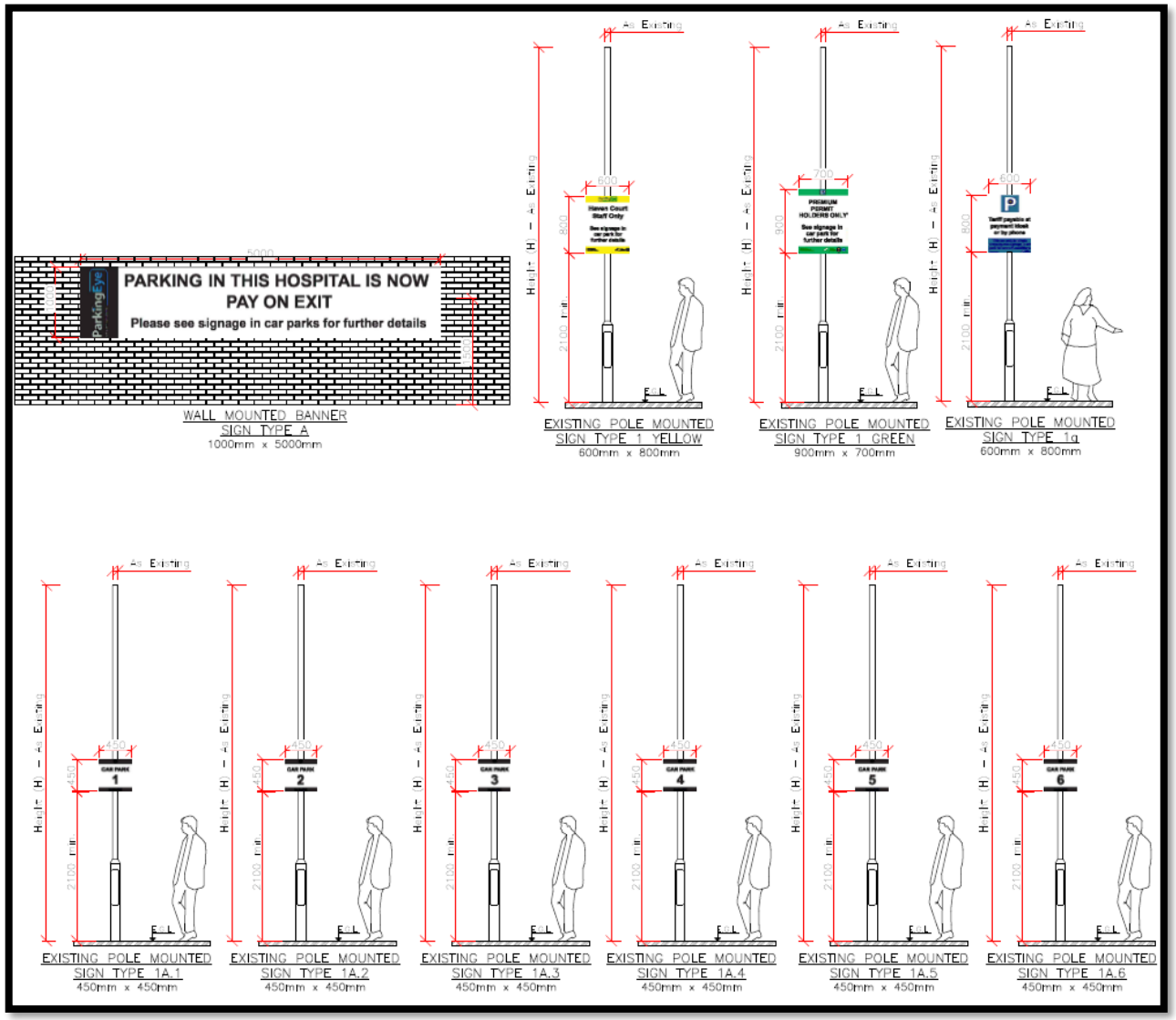

WYNDE
THE WYNDE
12 (P)
12 (P)
12 (P)
12 (P)
2a (P)
2a (P)
3 (P)
3 (P)
A (W)
2a (W)
8 (P)
1b (W)
1a (P)
14 (W)
12 (P)
1c (P)
2b (P)
2b (P)
2b (P)
2b (P)
2a (W)
2a (W)
1C (P)
1A.4 (P)
6 (P)
5 (P)
5 (P)
2b (P)
2b (P)
2b (P)
2b & 4 (P)
2b & 4 (P)
2b & 6 (P)
2b (P)
5 (P)
5 (P)
5 (P)
22
16
29
15

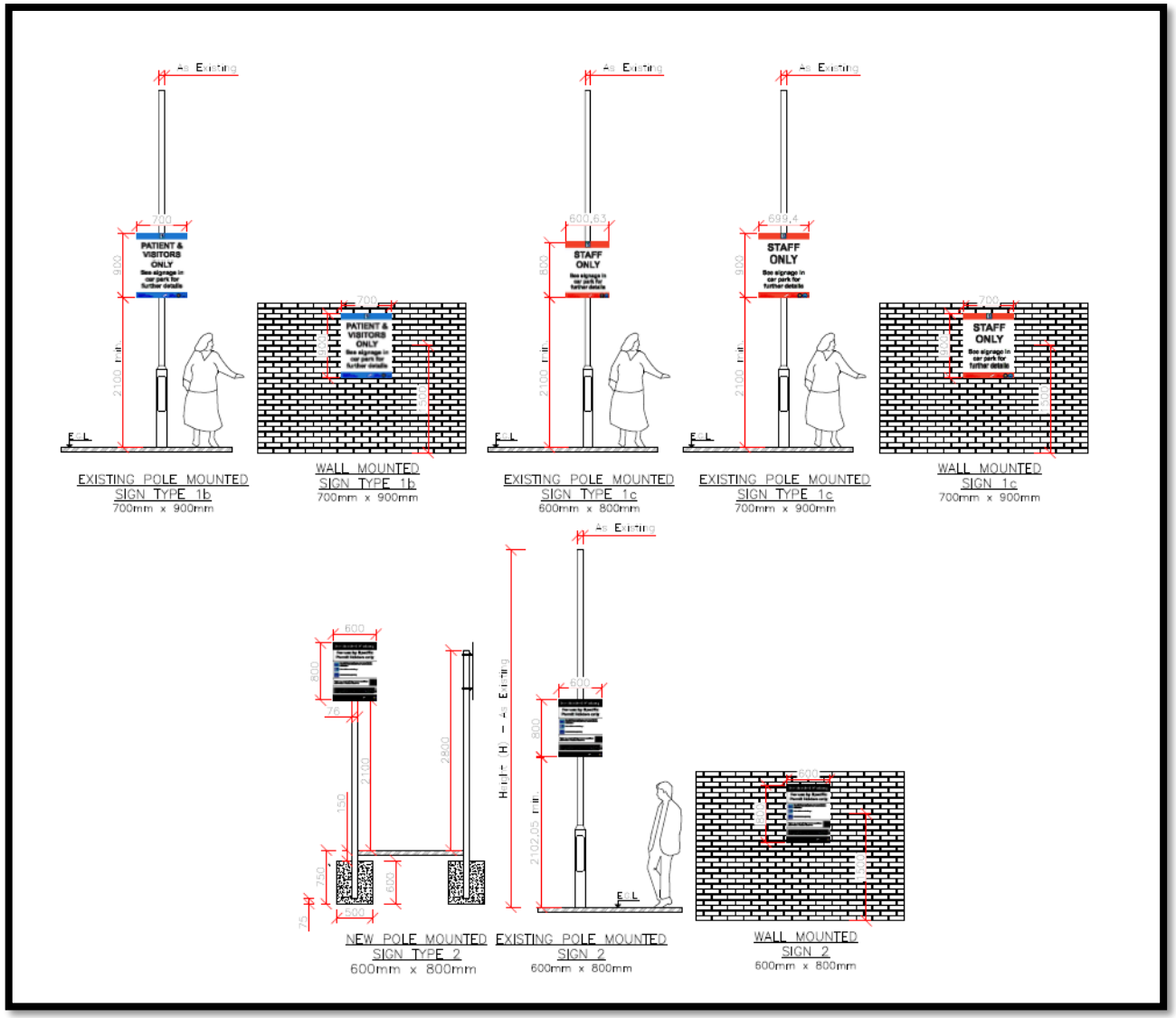

HARTLEY LANE
Ward Bdy
LB
18.9m
18.9m
Sign Type 1 (P)
2 (P)
2 (P)
2 (P)
2 (P)
2 (P)
1 (P)
2 (P)
5 (P)
2b (P)
5 & 4 (P)
6 (P)
2b (P)
2b (P)
4 (P)
5 (P)
2b (P)
2b (P)
2b (P)
6 (P)
5 (P)
2b (P)
2b (P)
2b (P)
4 & 2b (P)
1A.1 (P)
1c
2b
2a & 6 (P)
5 (P)
1A.2 (P)
1c (P)
2a & 4 (P)
2a (P)
2a (P)
2 (P)
2b (W)
5 (P)
2b (F)
2b & 6 (P)
2b (P)
5 (P)
2b (P)
2b (W)
5 (P)
2b (P)
6 (P)

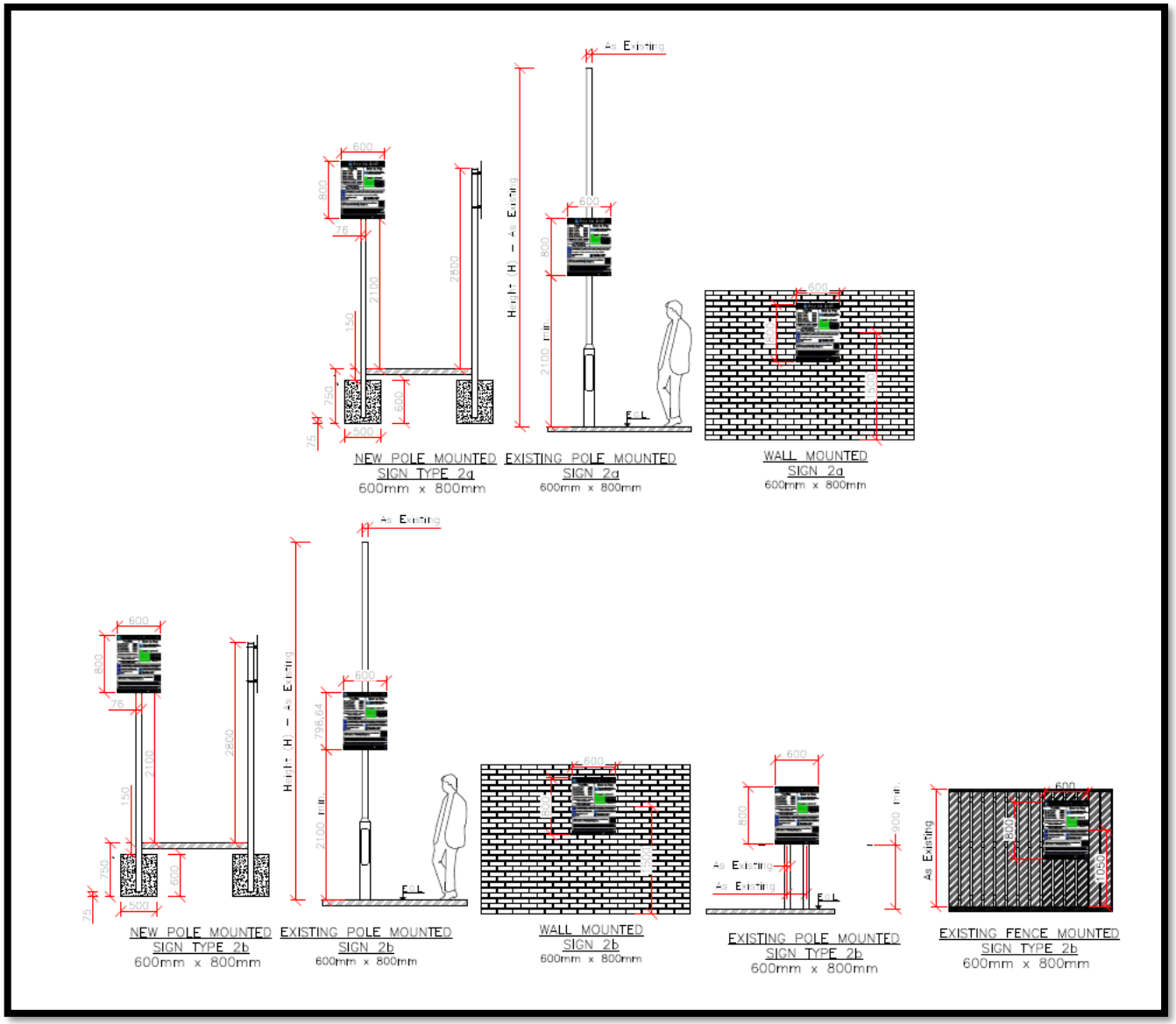

1c (P)
9 (W)
2a (W)
5 (W)
2a (W)
5 (W)
2a (W)
4 (W)
15 (W)
(P)
2 (P)
2 (P)
2 (P)
1b (P)
15 (P)
2a (P)
4 (W)
6 (W)
2a (P)
5 (P)
6 & 4 (P)
8 (P)
2a & 15 (P)
8 (P)
1b (P)
2a (W)
14 (W)
22.6m
2 (P)
2 (W)
2 (W)
2 (P)
1 (P)
2 (W)
3 (P)
3 (P)
3 (P)
6 (P)
3 (P)
3 (W)
13 (F)
16 (P)
16 (P)
16 (P)

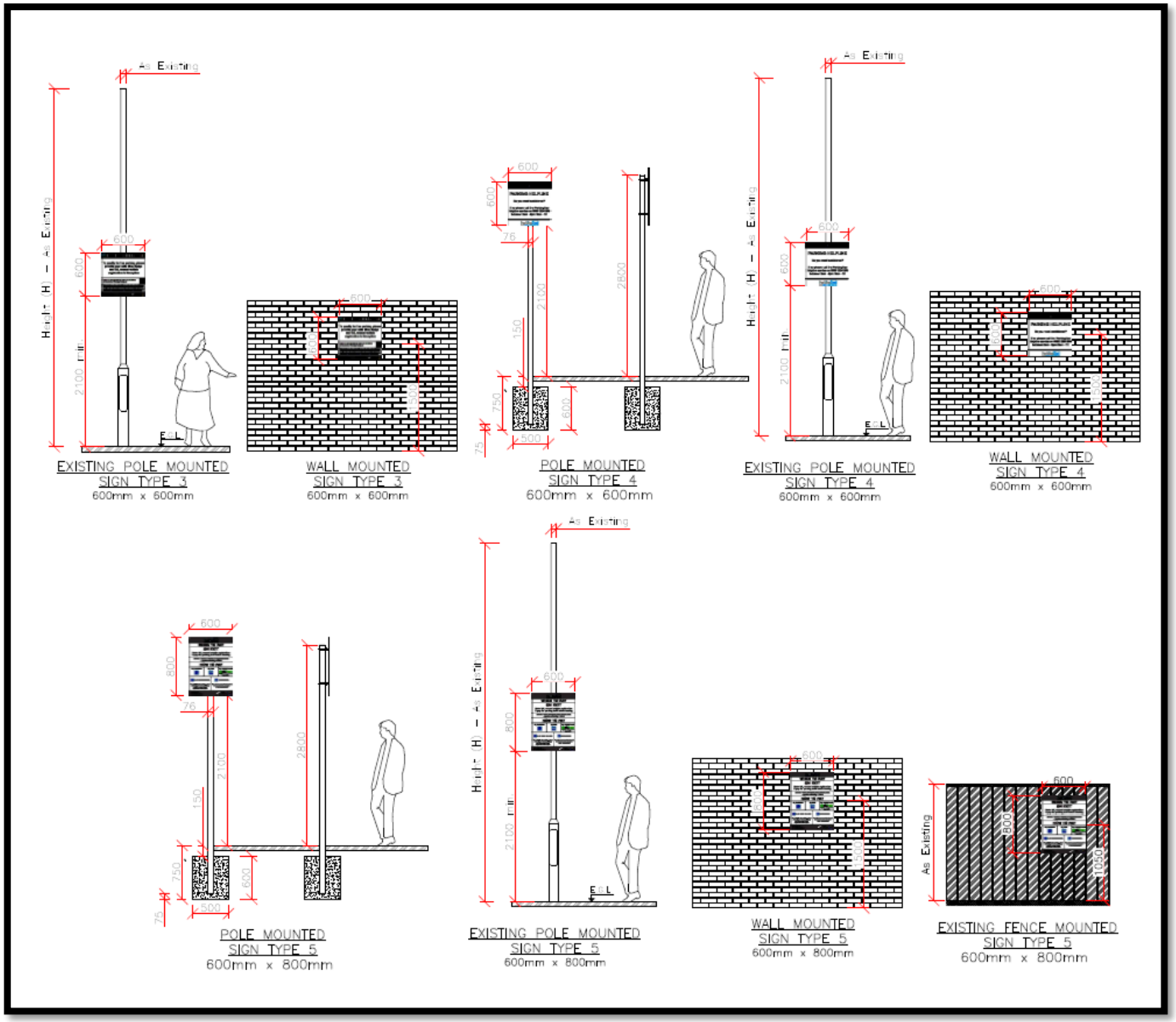

5 (P)
1A,2 (P)
1c (P)
2b (P)
9 (W)
2a & 4 (P)
2a (W)
2a (P)
2a (P)
2 (P)
5 (W)
2a (W)
5 & 6 (P)
2 (P)
5 (W)
5 & 6 (P)
2 (P)
2 (P)
2a (P)
1b (P)
2a (P)
FS
15 (P)
4 (W)
2b &4 (P)
2a (P)
6 (W)
5 (P)
6 & 4 (P)
2 (P)
8 (P)
6 (P)
2a & 15 (P)
8 (P)
2b (P)
2 (W)
1b (P)
5 (P)
6 (P)
2 (W)
3 (P)
2 (P)
1 (P)
3 (P)
2b (P)
2 (W)
3 (P)
2b (P)
6 (P)
22.9m
3 (P)
3 (W)
2a & 8 (P)

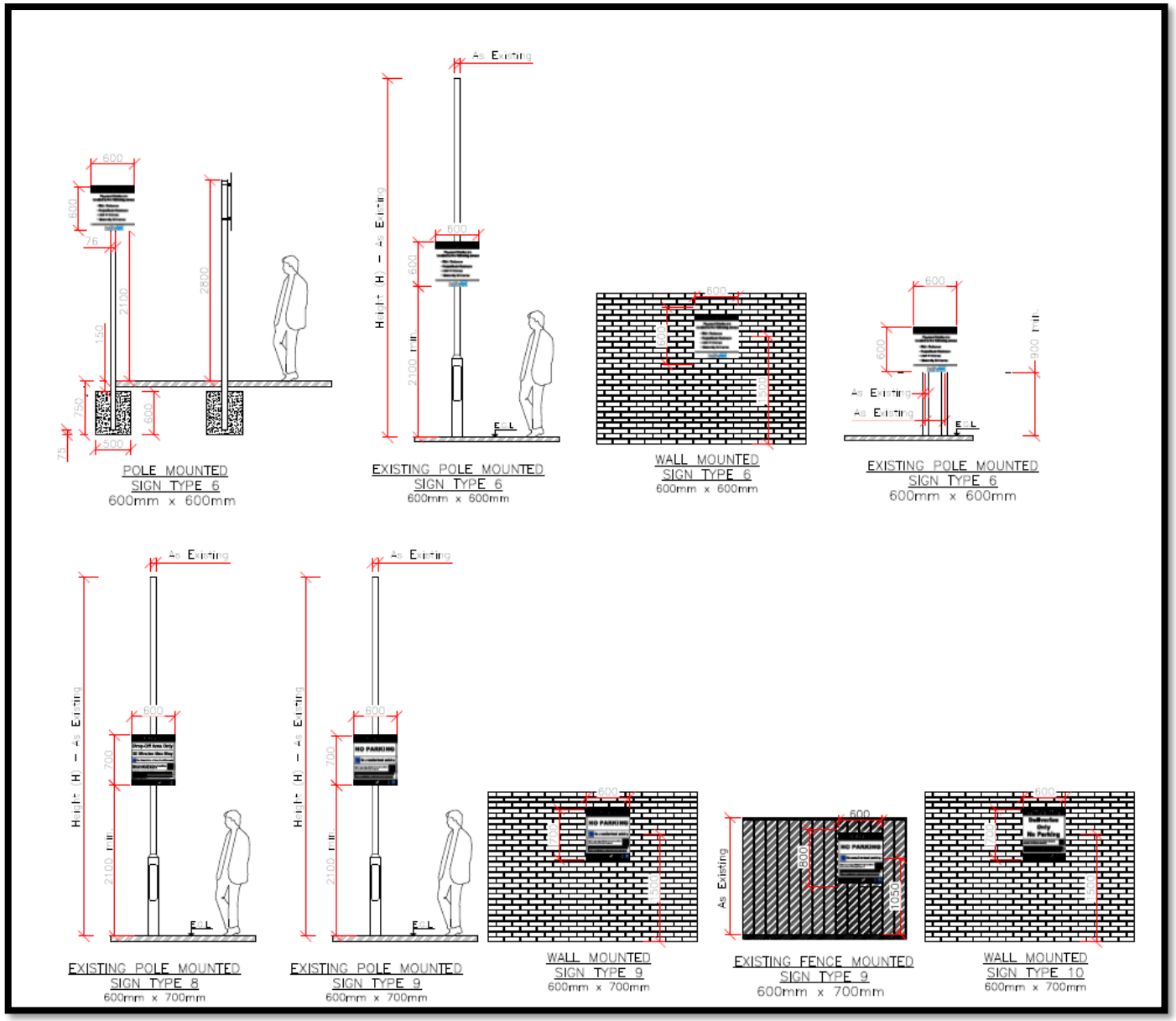
6.4 Signage Template

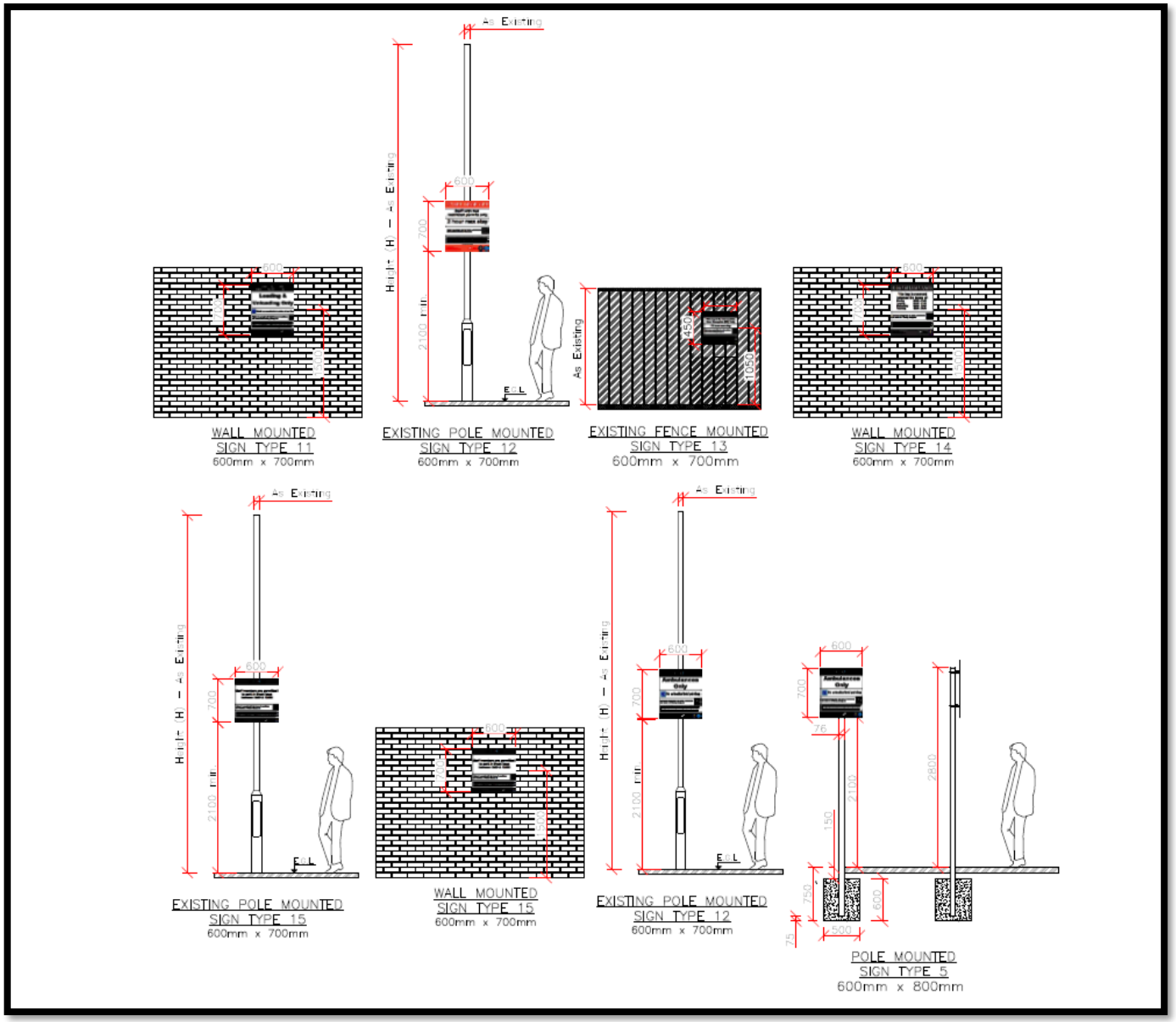



As Existing
700
PATIENT & VISITORS ONLY
See signage in car park for further details
900
2100 min.
F.L
EXISTING POLE MOUNTED SIGN TYPE 1b
700mm x 900mm
WALL MOUNTED SIGN TYPE 1b
700mm x 900mm
600/633
STAFF ONLY
800
EXISTING POLE MOUNTED SIGN TYPE 1c
600mm x 800mm
699.4
EXISTING POLE MOUNTED SIGN TYPE 1c
700mm x 900mm
WALL MOUNTED SIGN 1c
700mm x 900mm
600
800
76
2100
2800
150
750
600
1500
25
NEW POLE MOUNTED SIGN TYPE 2
600mm x 800mm
Height (H) - As Existing
2102.05 min.
EXISTING POLE MOUNTED SIGN 2
600mm x 800mm
WALL MOUNTED SIGN 2
600mm x 800mm


As Existing
600
800
76
2100
2800
150
750
600
500
75
Height (H) – As Existing
2100 min.
F.G.L
NEW POLE MOUNTED
SIGN TYPE 2a
600mm x 800mm
EXISTING POLE MOUNTED
SIGN 2a
600mm x 800mm
WALL MOUNTED
SIGN 2a
600mm x 800mm
799.64
NEW POLE MOUNTED
SIGN TYPE 2b
600mm x 800mm
EXISTING POLE MOUNTED
SIGN 2b
600mm x 800mm
WALL MOUNTED
SIGN 2b
600mm x 800mm
900 min.
EXISTING POLE MOUNTED
SIGN TYPE 2b
600mm x 800mm
1050
EXISTING FENCE MOUNTED
SIGN TYPE 2b
600mm x 800mm


As Existing
Height (H) – As Existing
600
600
2100 min
E.L.
EXISTING POLE MOUNTED
SIGN TYPE 3
600mm x 600mm
WALL MOUNTED
SIGN TYPE 3
600mm x 600mm
76
2100
2800
150
250
600
500
75
POLE MOUNTED
SIGN TYPE 4
600mm x 600mm
EXISTING POLE MOUNTED
SIGN TYPE 4
600mm x 600mm
WALL MOUNTED
SIGN TYPE 4
600mm x 600mm
800
750
POLE MOUNTED
SIGN TYPE 5
600mm x 800mm
EXISTING POLE MOUNTED
SIGN TYPE 5
600mm x 800mm
WALL MOUNTED
SIGN TYPE 5
600mm x 800mm
1050
EXISTING FENCE MOUNTED
SIGN TYPE 5
600mm x 800mm


600
600
76
2100
2800
150
750
600
500
75
POLE MOUNTED
SIGN TYPE 6
600mm x 600mm
As Existing
Height (H) - As Existing
2100 min
600
EXISTING POLE MOUNTED
SIGN TYPE 6
600mm x 600mm
WALL MOUNTED
SIGN TYPE 6
600mm x 600mm
900 min
EXISTING POLE MOUNTED
SIGN TYPE 6
600mm x 600mm
700
EXISTING POLE MOUNTED
SIGN TYPE 8
600mm x 700mm
EXISTING POLE MOUNTED
SIGN TYPE 9
600mm x 700mm
NO PARKING
1500
WALL MOUNTED
SIGN TYPE 9
600mm x 700mm
1050
EXISTING FENCE MOUNTED
SIGN TYPE 9
600mm x 700mm
WALL MOUNTED
SIGN TYPE 10
600mm x 700mm


As Existing
600
700
2100 min
Height (H) – As Existing
450
1050
As Existing
WALL MOUNTED
SIGN TYPE 11
600mm x 700mm
EXISTING POLE MOUNTED
SIGN TYPE 12
600mm x 700mm
EXISTING FENCE MOUNTED
SIGN TYPE 13
600mm x 700mm
WALL MOUNTED
SIGN TYPE 14
600mm x 700mm
EXISTING POLE MOUNTED
SIGN TYPE 15
600mm x 700mm
WALL MOUNTED
SIGN TYPE 15
600mm x 700mm
EXISTING POLE MOUNTED
SIGN TYPE 12
600mm x 700mm
76
2800
150
750
620
500
75
POLE MOUNTED
SIGN TYPE 5
600mm x 800mm

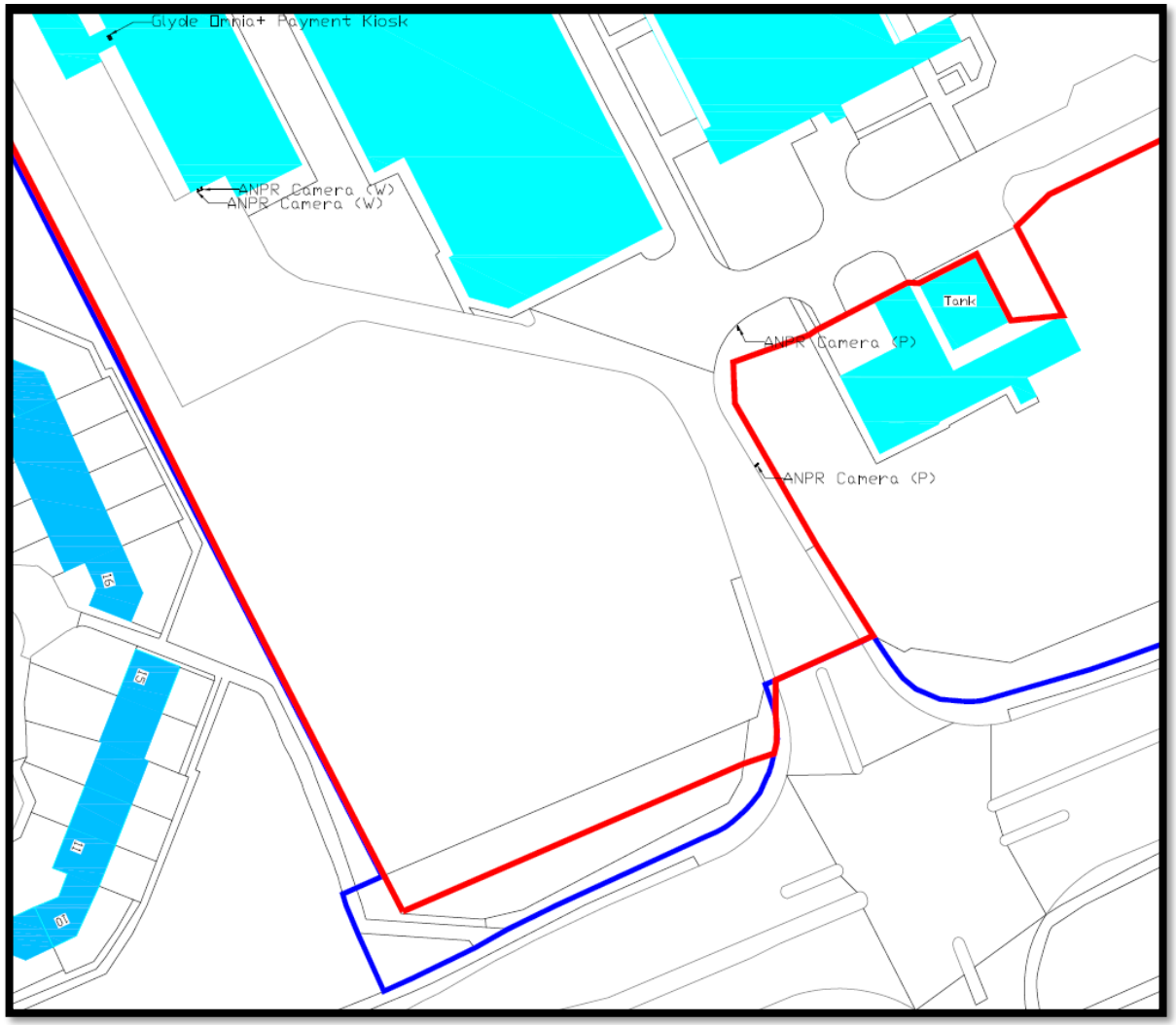
6.5 Pay and Display Location


ANPR Camera (P)
ANPR Camera (P)
ANPR Camera (P)
ANPR Camera (P)
ANPR Camera (P)
ANPR Camera (P)
ANPR Camera (P)
ANPR Camera (P)
ANPR Camera (P)
ANPR Camera (P)
FS
ANPR Camera (P)


Chy
ANPR Camera (P)
Tank
ANPR Camera (P)
amera (P)
amera (P)
ANPR Camera (P)
22.6m
ANPR Camera (P)
ANPR Camera (W)

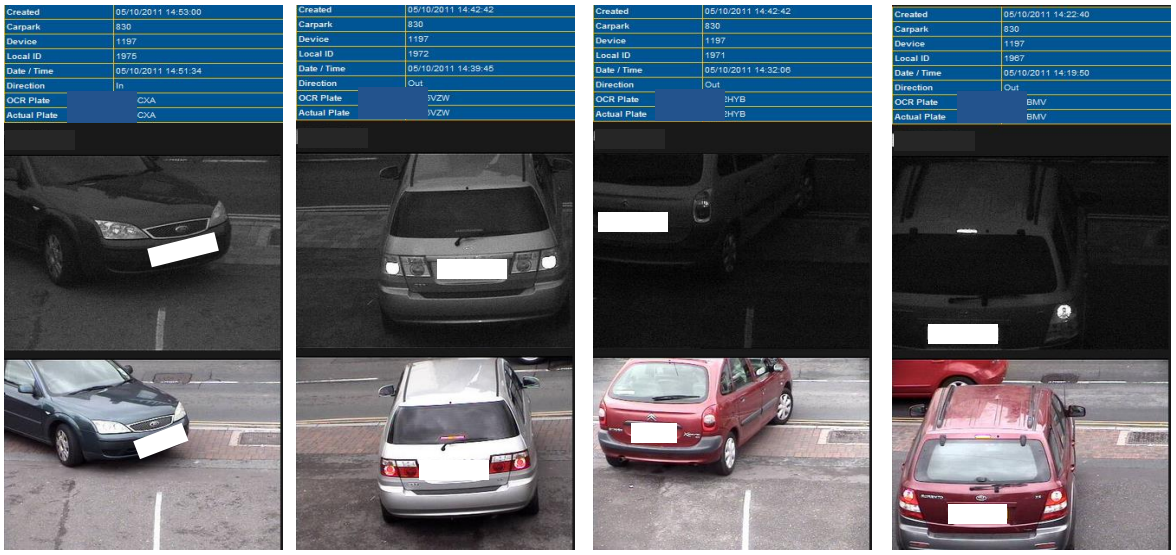

ANPR Camera (W)
Internal Gly
Internal Glyde Omnia+ Payment Kiosk
Internal Glyde Omnia+ Payment Kiosk
ANPR Camera (P)
Internal Glyde Omnia+ Payment Kiosk
Glyde Omnia+ Payment Kiosk


Internal Glyde Omnia+ Payment Kiosk
Internal Glyde Omnia+ Payment Kiosk
Internal Glyde Omnia+ Payment Kiosk


Glyde Omnia+ Payment Kiosk
ANPR Camera (W)
ANPR Camera (W)
Tank
ANPR Camera (P)
ANPR Camera (P)
15
11
01

6.6 Example ANPR System

Below is an example of the images that the ParkingEye ANPR system captures within a designated capture zone.



6.7 Camera Column Detail

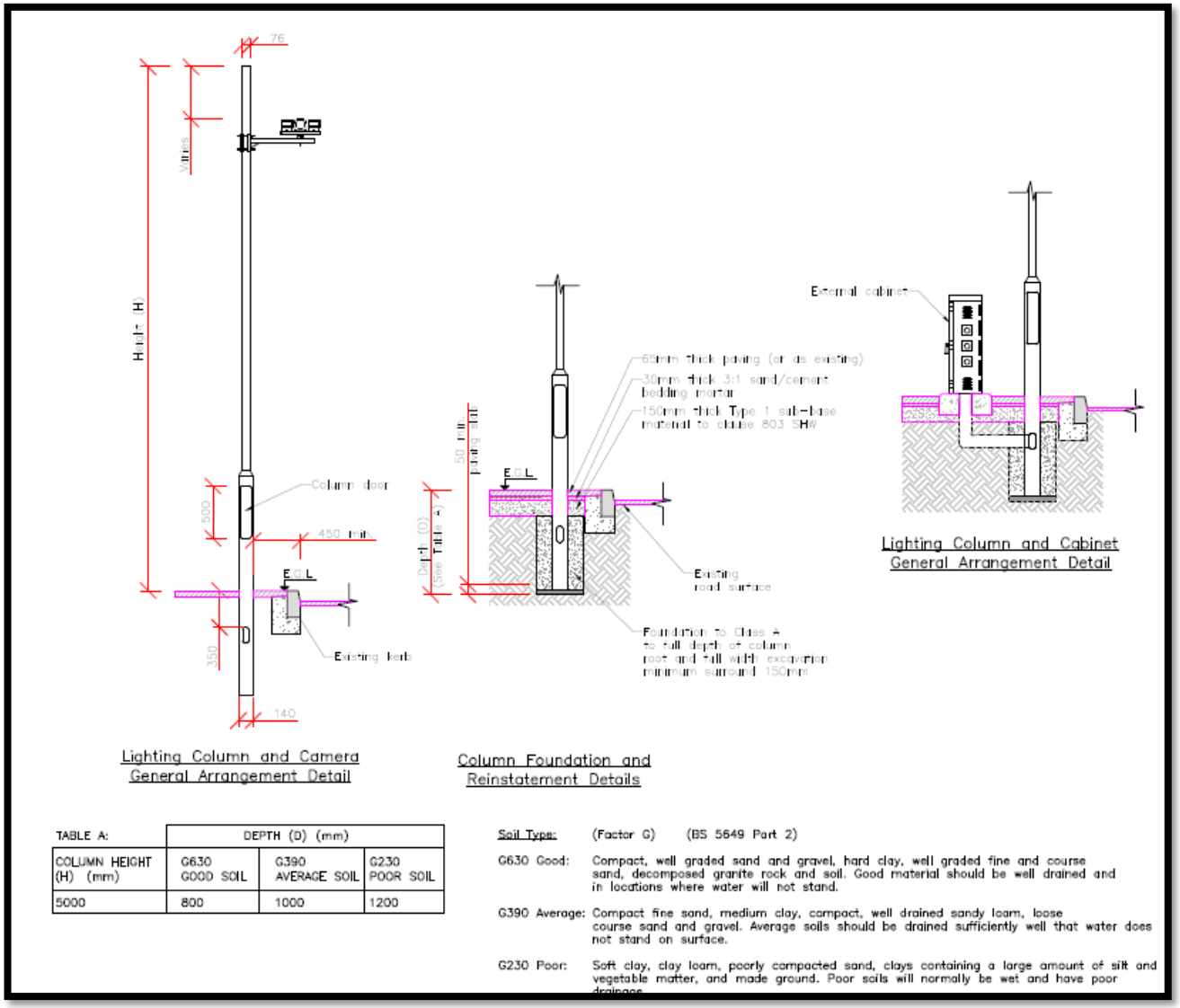


TABLE A:	DEPTH (D) (mm)		
COLUMN HEIGHT (H) (mm)	G630 GOOD SOIL	G390 AVERAGE SOIL	G230 POOR SOIL
5000	800	1000	1200

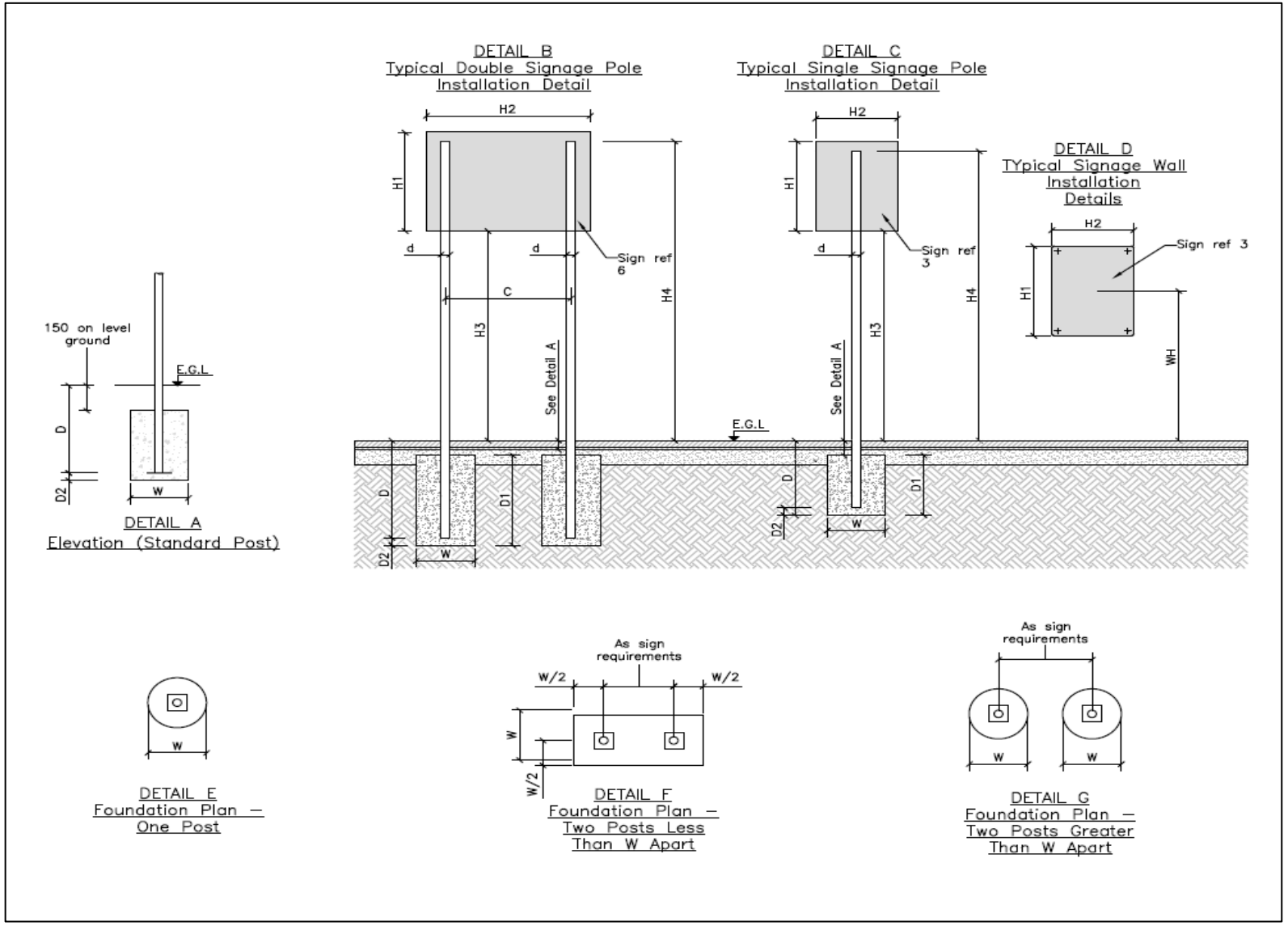
Soil Type: (Factor G) (BS 5649 Part 2)

G630 Good: Compact, well graded sand and gravel, hard clay, well graded fine and course sand, decomposed granite rock and soil. Good material should be well drained and in locations where water will not stand.

G390 Average: Compact fine sand, medium clay, compact, well drained sandy loam, loose course sand and gravel. Average soils should be drained sufficiently well that water does not stand on surface.

G230 Poor: Soft clay, clay loam, poorly compacted sand, clays containing a large amount of silt and vegetable matter, and made ground. Poor soils will normally be wet and have poor drainage.

6.8 Signage Pole Detail – Generic Drawing



6.9 Pay and Display Detail

