

Detail Design

PTAL VALUE SHEET PROJECT: 38 Pandora Road

DATE: 23/05/12

BY: JAY

SERVICES	STOP	ROUTE	DISTANCE	FREQUENCY	WALK TIME	AWT	ACCESS TIME	EDF	ACCESSIBILITY INDEX
Bus	Solent Road	C11	145	6	1.81	3	4.81	6.23	3.1
		C11	145	6	2.5	3	5.5	5.4	2.7
	West End Lane - P	139	47	3	0.58	1.5	2.08	14.42	7.21
	West End Lane - V	139	47	3	0.58	1.5	2.08	14.42	7.21
	West End Lane - P	328	47	10	0.58	5	5.58	5.37	2.68
	West End Lane - V	328	47	10	0.58	5	5.58	5.37	2.68
Tube	West Hampstead Station	Jubilee- Stratford	270	2	3.37	1	4.37	6.86	3.43
		Jubilee- Stanmore	270	2	3.37	1	4.37	6.86	3.43
Rail	West Hampstead Station	London Over ground	250	12	3.125	6	9.125	3.28	1.64
		London Over ground	250	12	3.125	6	9.125	3.28	1.64
									TOTAL ACESSIBILITY INDEX 35.72
									PTAL VALUE 6

PTAL

- 1 (Low)
- 2
- 3
- 4
- 5
- 6 (High)

RANGE OF PTAI

- 0.00 – 5.00
- 5.01 – 10.00
- 10.01 – 15.00
- 15.01 – 20.00
- 20.01 – 25.00
- 25.01 +

WALK TIME = 80 Metres/Minute

Distance (metres) / 80 = Walk time (mins)

AWT (AVERAGE WAITING TIME)

Frequency (mins) / 2 = AWT

ACCESS TIME = WALK TIME + AWT

EDF = 30 / ACCESS TIME

ACCESSIBILITY INDEX = EDF / 2 (except the most dominant route for each transportmode)

TOTAL ACCESSIBILITY INDEX = sum of all individual accessibility index's

The Total Accessibility Index calculates the PTAI (Public Transport Accessibility Index).

NB: When working out the AI, do not divide all of the EDF values. Leave the EDF value for the most dominant route in each service type.