



## Port Talbot Healthcare Centre

A NEW CONCEPT FOR PRIMARY CARE RESOURCE CENTRES IN PORT TALBOT

**Client:** Haven Health Properties Ltd

**Location:** Neath Port Talbot, Wales

**Project Value:** £9.4M

### Introduction

In January 2003 under a directive from the Welsh Assembly Government, Local Health Boards across Wales produced Primary Care Estates Strategies. Neath Port Talbot Local Health Board (now part of Abertawe Bro Morgannwg University Health Board) was one of the first to develop its Integrated Primary Care Estate Strategy. This vision was a significant step that recognised the need to replace and enhance many of the existing primary care facilities within the trust's local area. The new model of service focused less on traditional hospital-based services and more on receiving the right services at the right time in the right place and it is this philosophy that formed the basis for the brief for Port Talbot Primary Care Resource Centre.

To be provided alongside the GP practices would be dental facilities, community and therapy services along with early response services, elderly mental health and local authority social and housing services. This unified approach would enable a comprehensive level of support to be offered to the community of Port Talbot and foster closer working relationships between healthcare professionals for the benefit of the patient population.



## Location and Context

Port Talbot Primary Care Resource Centre is located to the North West of Port Talbot Town Centre serving largely residential areas to the South West and North of the site and several sites were considered before the chosen site in Moor Road was identified. The site offered the opportunity to build a large 2 to 3 storey facility without compromising on footprint or car parking provision. With good transport links via bus services, ample car parking and within walking distance for more able patients the site lies in a central location within the catchment area for the four surgeries. The building sits between a large established residential community to the West and Southwest and warehouse retail including a supermarket provision to the South and East. To the South East of the site sits Neath Port Talbot Hospital.

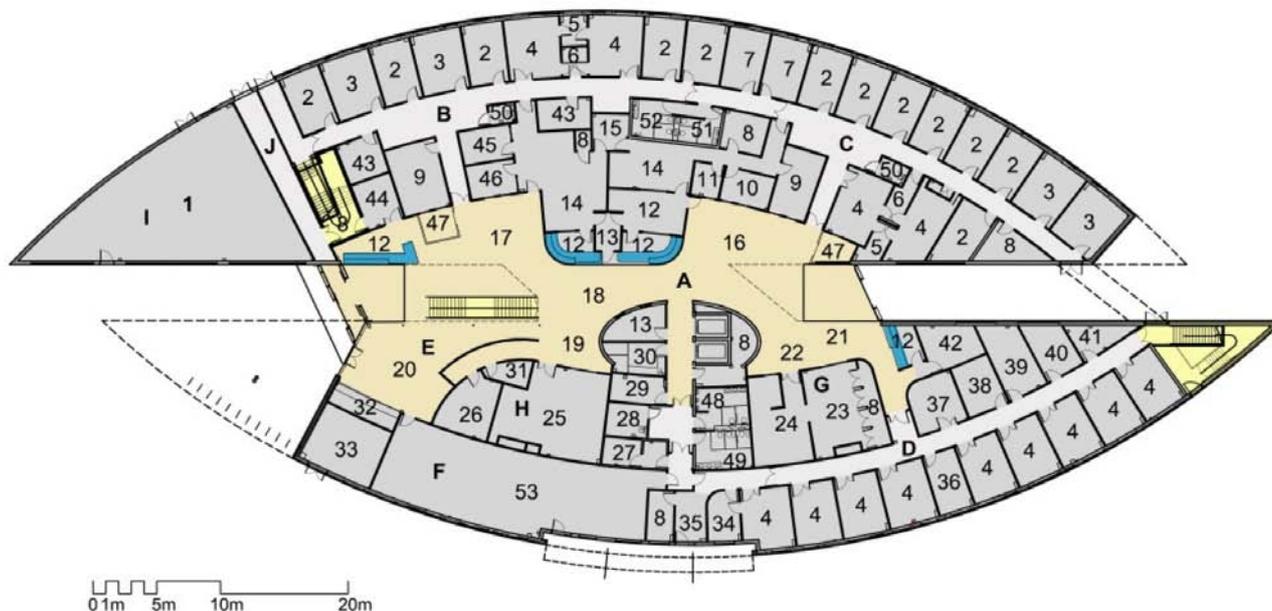
## Low Energy Comfort

Port Talbot Primary Care Resource Centre has been designed to achieve a NEAT (NHS Environmental Assessment toolkit) excellent rating. NEAT was a software tool designed to assess the impact of healthcare projects on the environment. The use of high efficiency boilers, thermal wheels within the AHU (reclaiming up to 63% of the thermal energy from the ventilation system) and offsetting CO<sub>2</sub> with the use of Solar Thermal Panels to generate hot water all contributed to this assessment rating.

The building is positioned on site to maximise the levels of passive lighting to internal spaces, whilst internally each consulting room has access to both high and low level windows. The design is a direct result of the need for natural daylight, views over the mountains and natural ventilation within clinical spaces without compromising patient confidentiality during consultations. The upper windows do not provide outlook, but can remain open providing ventilation and natural daylight deep into the consulting space whilst lower windows can remain closed for discretion. Blinds cover the lower opening to maintain privacy and modesty at ground floor level if required during consultation.

## Architectural Expression

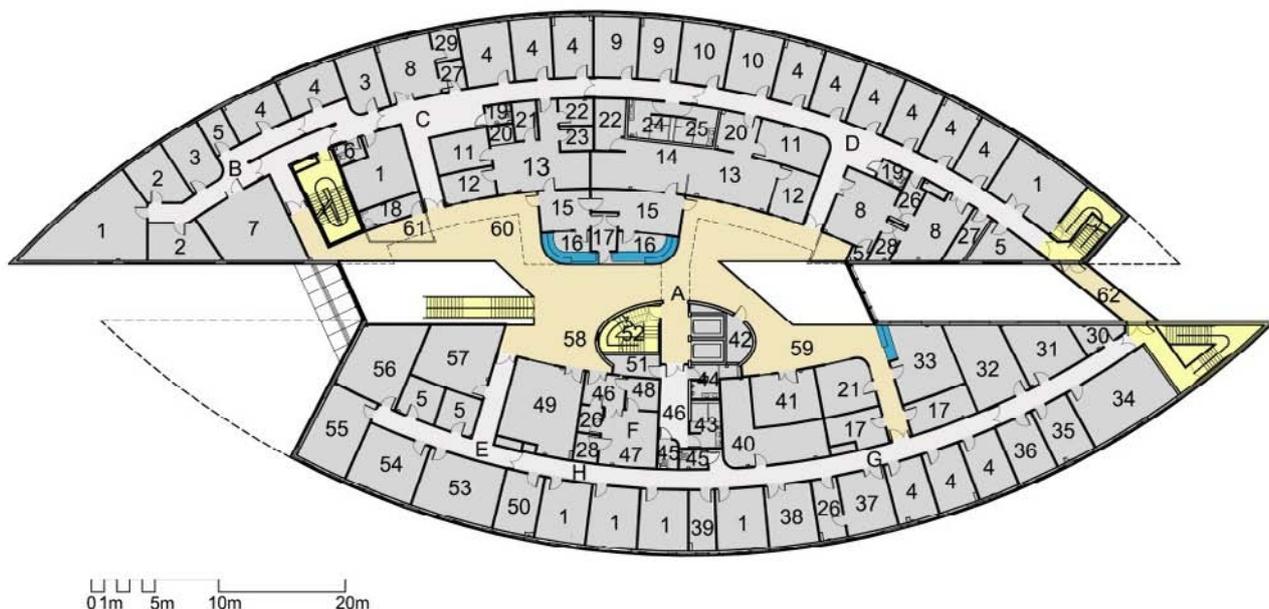
The site is in a coastal location and the materials were chosen for the building to be robust to deal with potential damage from the environment and vandalism whilst remaining aesthetically pleasing. A light off white coloured Sto render was used to the pharmacy façade to brighten the entrance area and office accommodation above while illuminating the primary visitor entrance. Forticrete textured block was used predominantly to the ground and first floor consulting accommodation. In three complimentary colours the forticrete is chamfered and staggered to provide relief to the external wall whilst echoing the stratification of the local mountain landscape surrounding Port Talbot. Internal finishes are light and clean to maximise the natural light entering the building and street from above.



**Ground Floor Plan**

**Ground floor plan (to be 1:500)**

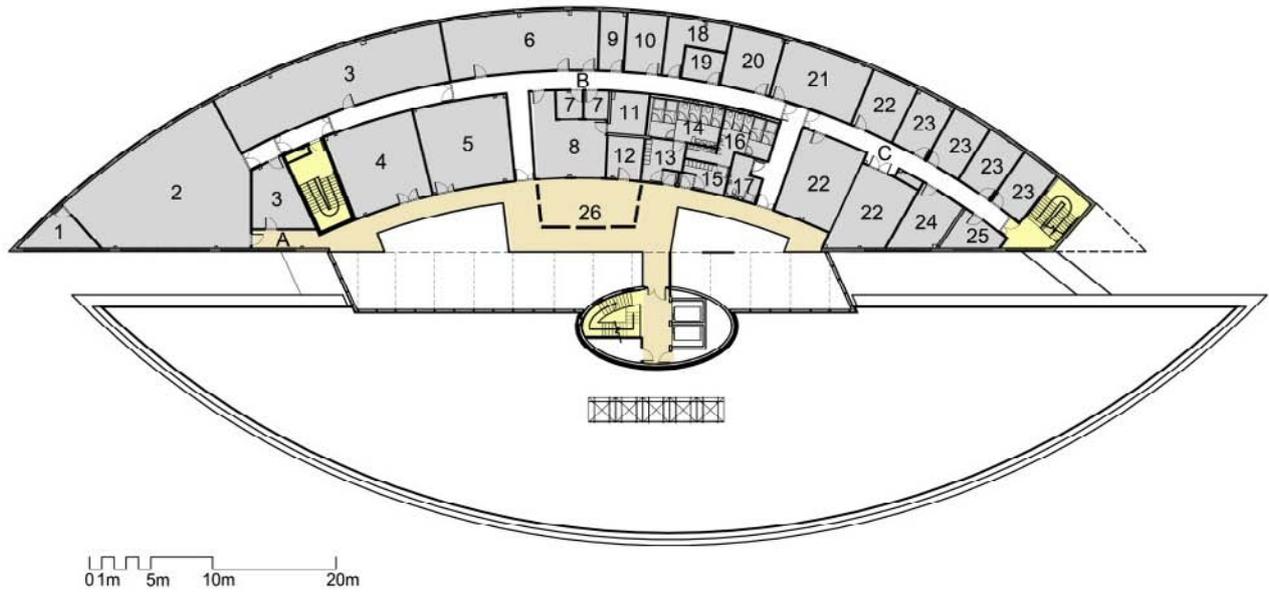
A Central Street	12 Reception Work Area	34 Recovery Room
B Kings Surgery	13 Interview Room	35 Out of Hours Waiting area
C Riverside Surgery	14 Admin	36 Therapist Room
D Dental Provision	15 Shared Beverage point	37 Sterilizing (Clean and Dirty)
E Cafe	16 Riverside Waiting area	38 X-Ray
F Abertawe Bro Morgannwg UHB	17 King's Waiting area	39 Senior Dentist x 3
G Physiotherapy	18 Central Street	40 Tutorial Room
H Shared General Medical Space	19 General Waiting area	41 Staff Room/ Coffee
I Pharmacy	20 Cafe seating area	42 Practice Manager and Senior Managing Nurse
J Reception	21 Dental Waiting area	43 Examination Room
1 Pharmacy	22 Trust Waiting area	44 Office
2 Consulting Room	23 Ancillary Gym	45 Data Clerk's Office
3 Consulting Room Trainer	24 Physio Suite	46 Practice Manager's Office
4 Treatment Room	25 Health Promotion Room	47 Children's Waiting Area
5 Prep Room	26 Meeting Room	48 Public Male WC
6 Dirty Utility Room	27 Store/Compressor Room	49 Public Female WC
7 Shared Consulting Room	28 Accessible change	50 Sample WC
8 Storage Area	29 Cleaners Store	51 Female Staff WC
9 Practice Room	30 Baby Change	52 Male Staff WC
10 Practice Manager's Office	31 Quiet Room	53 Abertawe Bro Morgannwg University NHS Trust
11 Secretary Room	32 Servery	
	33 Kitchen/Prep area	



**First Floor Plan**

**First floor plan (to be 1:500)**

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|-----------------------------------|-------------------------------------|---------------------------------|
| A Central Street                  | 15 Reception Work Area              | 39 Sterilizer Room              |
| B Local Health Board              | 16 Reception Area                   | 40 Multi-purpose/Treatment Room |
| C Morrison Road Surgery           | 17 Interview Room                   | 41 Therapy Room                 |
| D Fairfield Surgery               | 18 Plant Room                       | 42 General Store                |
| E District Nursing/Health Visitor | 19 Sample WC                        | 43 Female WC                    |
| F Minor Surgery                   | 20 Beverage Point                   | 44 Male WC                      |
| G Podiatry                        | 21 Secretary's Office               | 45 Accessible WC                |
| H Audiology                       | 22 Storage Area                     | 46 Lobby                        |
| 1 Multi Purpose Room              | 23 Prescription Area                | 47 Minor Surgery                |
| 2 General Room                    | 24 Male Staff WC                    | 48 Recovery Room                |
| 3 Office                          | 25 Female Staff WC                  | 49 Health Promotion Room        |
| 4 Consulting Room                 | 26 Dirty Utility Room               | 50 Audiology Room               |
| 5 Store                           | 27 Clean Utility Room               | 51 Cleaners Store               |
| 6 Sample WC                       | 29 Prep Room                        | 52 Staff Stair                  |
| 7 LHB Waiting Area                | 30 Podiatry Store                   | 53 HV Office                    |
| 8 Treatment Room                  | 31 General Office                   | 54 Public Health Nurses         |
| 9 Shared Consulting Room          | 32 Support & Stay Office            | 55 DN 1 Workspace               |
| 10 Consulting Room Trainer        | 33 Appointments/Reception           | 56 DN 2 Workspace               |
| 11 Practice Room                  | 34 CPN's & Social Worker's Office   | 57 DN 3 Workspace               |
| 12 Practice Manager's Office      | 35 Orthotic Services Manager Office | 58 General Waiting Area         |
| 13 Admin                          | 36 Podiatry Services Manager Office | 59 Trust Waiting Area           |
| 14 Secretary Area                 | 37 District Nurses Treatment Room   | 60 Morrison Road Waiting Area   |
|                                   | 38 Orthotic Lab                     | 61 Children's Waiting Area      |
|                                   |                                     | 62 External Bridge Link         |



**Second Floor Plan**

**Second floor plan (to be 1:500)**

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|-------------------------|--------------------------|-----------------------------|
| A Local Authority       | 7 Sure Start Manager     | 17 Accessible WC and Change |
| B Sure Start            | 8 Sure Start Team Office | 18 COPD Office 2            |
| C Staff Facilities      | 9 Early Response Store   | 19 COPD Store               |
| 1 Interview Room        | 10 COPD Office 1         | 20 COPD Office 3            |
| 2 Local Authority       | 11 Sure Start Store      | 21 COPD Office 4            |
| 3 Expansion             | 12 Kitchen               | 22 Training/Meeting Room    |
| 4 Plant Room            | 13 Female Lockers        | 23 GP Storage               |
| 5 Comms Room            | 14 Female WC and Showers | 24 Quiet Room/Library       |
| 6 Early Response Office | 15 Male Lockers          | 25 Store                    |
|                         | 16 Male WC and Showers   | 26 Rest Room                |