

Disability Needs Assessment Form/ Architectural Brief

Date:

This assessment form has been designed to:

- *identify options relating to the needs of each individual;*
- *provide a time-saving method of recording the decisions made;*
- *provide an architectural brief for the drawing of the plans;*
- *consider the funding options;*
- *act as a check-list to ensure all details have been included.*

Not every section will be relevant to every neuromuscular condition or to both adults and children. The form should be used in conjunction with the following:

| | |
|------------|--|
| Chapter 6 | <i>Lift vs Extension;</i> |
| Chapter 7 | <i>Bath vs Shower;</i> |
| Chapter 8 | <i>Equipment for Adaptations;</i> |
| Chapter 9 | <i>Hoisting;</i> |
| Chapter 11 | <i>Justification for Funding;</i> |
| Chapter 15 | <i>Adaptation Specifications;</i> |
| Chapter 16 | <i>Kitchens;</i> |
| Chapter 18 | <i>Addresses: Manufacturers/Suppliers/Sources of Advice.</i> |

Name: **D o B:**

Address:

.....

Postcode: **Tel No:**

- The user should tick the boxes of items to be included in the adaptations scheme. After the joint visit of everyone concerned, the action plan on page 14 should be completed.

Housing

- Owner occupied
- Local Authority
- Housing Association
- Privately rented

Lift vs Extension

- Lift with en-suite bedroom/bathroom
- Ground-floor extension with en-suite bedroom/bathroom

Access

- Kerb dropped
- Hard standing for car/wheelchair transfers **Width: 3200 – 3600mm**
Length: 5200 – 5800mm
- Carport **Clearance height: 2800mm**
- Garage
- Access around house /path **Minimum width: 900mm**
- Patio/paved area in garden

Steps/ramps

- Shallow steps **Height and depth to be assessed**
- Ramp gradient for walking **1:20**
- Hand rail (not needed by wheelchair users)
- Ramp gradient (with side safety flange) for powered chair **1:15**
- Ramp **Width: 1200mm**
- Platform at top to extend forwards from door: **1200mm**
- Surface: non-slip
- Steplift
- Portable ramp

Threshold

- Duraflex RX100 flexible threshold
Wintun Ltd

Automatic door opener

- Wheelchair-accessible door – installed with the scheme
- Fused spur for future installation
Ridley Electronics Ltd
RSL Steeper Ltd
Southern Care Systems Ltd

Doors

Width

- Existing doors. **Clear opening (i.e. door face to door jamb): 850 – 900mm**
- New doors: **926mm leaf**

Type

- Bedroom: single leaf, double swing
- Bathroom: double leaf, double swing
- Other rooms:
- French windows from bedroom

Door weight

- To be suitable for use with *Liobex* spring, double-action (**100mm**) hinges
D & E Architectural Hardware Ltd

'Kick' plates

- Yeoman Shield door-protection plates**
 - 400mm:** (from bottom of door to top of plate) to avoid damage from wheelchair side 'kerb climbers'. Fitted on both sides of bedroom and bathroom doors
 - 800mm:** (from bottom of door to top of plate) to include mark left by wheelchair armrest and/or tray. Fitted on both sides of bedroom and bathroom doors
 - Door fully faced
Harrison Thompson & Co Ltd

Circulation/size of rooms

- The rooms must be large enough to allow use of electric wheelchair
Max width of average chair: 750mm
Max length: 1250mm
Turning circle: 1700mm

Dining room

- Needed by disabled person

Carer

- Retain room for carer (particularly important for a disabled adult)

Bathroom

- En suite
- Bath with shower over
- Floor-level shower

Bath

- Acrylic 1700
- New Luna steel 1700 (optional slip-resistant surface and handgrips)
Twyford Ltd

- Sunrise Medical Mermaid Ranger (MD model)**

ASM (Accessories) Ltd

Daily Care Ltd

- ASM Multi-System**

- Base transporter
- Transfer by static hoist
- Transfer by ceiling hoist

ASM (Accessories) Ltd

- Arjo Sovereign baths**

Length: 1670mm

Width: 715mm

Space at side of bath for seat (min.): 675mm

- Standard
- Fixed height
- Hi-Lo
- Left-hand entry
- Right-hand entry

- Air spa (usually funded privately)

- Arjo Solo (or alternative) with non-reclining seat
Arjo Ltd

- Arjo Sovereign tap option** (all include a shower)

- Thermostatic water-control panel
- Bath mounted
- Wall mounted
- Meynell TBS – as above, but thermostatically controlled so that water temperature will not exceed **41°C** (shower) **44°C** (bath)
Arjo Ltd

- Mixer bath taps with integral extended shower hose

To be positioned
as shown on
order form

- Kingkraft Easibath Hi-Lift**

- Kingkraft Contour bath**
Kingkraft Ltd

Level-access shower

- Tiled sloped floor
- Shower tray
Autumn Mobility Ltd
Go Independent

- Impey Level-Dec
Creative Healthcare Ltd
- Neatdek
- Screen
Go Independent
- Support rail and curtain
Pressalit Care Ltd
- Apres Shower Body Dryer
Apres Shower Dryers Ltd
Go Independent
Total Hygiene Ltd

Shower seat/chair

- Electric height-adjustable wall-mounted seat
Astor-Bannerman (Medical) Ltd
Pressalit Care Ltd
- Aquability or Freeway toilet/shower chair**
 - As above, self propelled
ASM Accessories Ltd
Westholme Ltd
 - Sutton shower cradle
ASM Accessories Ltd

Toilet

- Classic: Low-level cistern with long flush pipe (**NB: not alternative close-coupled model**)
Twyford Ltd

Position

- Centre of pan to nearest obstruction on side wall
(including floor level pipes): **500-600mm**
- Front of cistern to front of bowl: **600mm**
- Exposed side of pan: **900 – 1500mm**

Shower toilet

- Clos-o-Mat**
 - Super-sensitive switch
 - No plinth
 - 25mm** plinth
 - 50mm** plinth
 - 75mm** plinth
 - Douche arm
 - Standard drain connector
 - Macerator (allow **200mm** behind unit)
Total Hygiene Ltd
- } **To be specified by architect**

Shower toilet *(continued)*

- Colani toilet seat
- Ergosit toilet seat
- Dania toilet seat
- Softsit toilet seat
Total Hygiene Ltd
Pressalit Care Ltd
- Softee Trainer
Mothercare Ltd
- MD Frame
Daily Care Ltd
- Geberit**
 - Wall hung
 - Floor standing
ESL Healthcare Ltd

Washbasin

- ABW4/ABW4SP with integral splashback mirror (cannot be positioned in front of window)
Front-to-back depth: 675mm
Any width: 700-1200mm
Other width (min 800mm)
- Astor-Bannerman (Medical) Ltd*
- Spectra
Front-to-back depth: 645mm (standard) or recommended 695mm (to order)
Two widths: 700mm or recommended 1050mm
Southern Care Systems Ltd
- Fixed height
- Standard manual-control taps only
- Push-button control taps
- Electronic-control taps
- Automatic over-mirror light
Astor-Bannerman (Medical) Ltd
Southern Care Systems Ltd

Flooring

- Non-slip ceramic tiles
- Altro Safety flooring
- Nairn Surestep tiles
- Marley Safetred Dimension
- Marley Safetred Aqua
- Other

Bedroom

Size to accommodate:

- Door to en-suite bathroom
- French windows/glazed door with adjacent window
- Bed
- Storage units
- Adjustable-height L-shaped workstation

Bed

Size

- Length: **2155mm**
- Width: **1080mm**
- Width: **1220mm**
- Width: **2160mm**
- Space at foot of bed: **700mm**
- Space at side of bed: **1800mm**

Position

- Adjacent to wall (for single bed unless room very large) with space to pull bed away from wall without obstructing doorway
- Access on both sides (essential for double bed)
- Disabled person sleeps on left/right side (from foot of bed)
- Space nearest to bathroom: **1800mm**
- Space other side: **1000mm**

Storage units

- Wardrobe: **1000 x 600mm**
- Chest of drawers: **1000 x 500mm**
- Check size of existing wardrobe/drawers

Adjustable-height L-shaped workstation

- In bedroom and/or
- On ground floor (if lift installed)
- Wheelchair-accessible surface**
 - Length: **1800 x 1200mm**
 - Depth: **600mm**
 - Position: **ideally in front of window**
- Standing surface**
 - 600 x 600mm**
Huntleigh Renray Ltd
 - 800 x 600mm**
Astor-Bannerman (Medical) Ltd
 - Drawer unit and pull-out surface under

Suppliers

- 40mm surface:**
 - MFI/DIY Store*
 - Astor-Bannerman (Medical) Ltd*
 - Huntleigh Renray Ltd*
- Wall rail and brackets/Drawer unit
 - Huntleigh Renray Ltd*
- Screw brackets
 - Astor-Bannerman (Medical) Ltd*
- Drawer unit
 - Independence Kitchens*
 - MFI/DIY Store*

Ceiling hoist

- Bedroom**
 - Electric controls
 - Infrared controls
 - Over bed, wall to wall, parallel to wall behind bed headboard – centre of track to wall behind headboard: **1020mm**
 - Electric 'push-button'/infrared ceiling turntable/switched track
 - Extended track into bathroom
 - Electric 'push-button'/infrared room-covering track
 - Single track extending to electric room-covering track in bathroom
- Bathroom**
 - Electric ceiling turntable
 - Track to extend front to back over centre of toilet
 - Track to extend front to back over centre of bath seat (out of bath)
1330mm from the tap/head end of the bath and **370mm** from the foot of the bath with approx. **600mm** between end of bath and adjacent wall
 - Room-covering track

Installation

- Architectural designer's plan to be sent to hoist supplier to check exact position of bathroom/bedroom fittings in relation to ceiling track
- Hoist installed when extension completed
- Ceiling prepared and hoist installed when needed

Funding of ceiling hoist

- Preparation of ceiling/fused spur included in grant application
- Hoist supplied and installed by Social Services
- Preparation of ceiling etc. and hoist included in grant application

Hoist suppliers

- Bravo: *Arjo Ltd*
- Wispa 200/300 Series: *Chiltern Invadex Ltd*
- 240/242: *Liko Ltd*
- Guldmann Dan Hoist: *N & C Building Products Ltd/Moderna Contracts Ltd*
- Spectra: *Southern Care Systems Ltd*
- Transactive: *Westholme Ltd*
- Other

Slings

- 2 x universal/MD slings
- Without head support
- With head support

Sitting room

Easy chair

- Powered stand-up/recliner
Bakare Beds Ltd
Gordon Medical & Rehabilitation Services Ltd
Ortho-Kinetics (UK) Ltd
- Number of single chairs
- Three-seater settee
- Two-seater settee

Dining room

- Size of table

Kitchen

Wheelchair access to:

- Sink/drainer
- Taps/spout
- Preparation surface
- Surface for microwave
or combination oven/microwave
- Side-opening split-level oven: **gas**
- Side-opening split-level oven: **electric**
- Split-level hob: **gas**
- Split-level hob: **electric**
- Power points
- Height-adjustable unit including sink/drainer, preparation surface,
split-level hob and surface for microwave
Astor-Bannerman (Medical) Ltd
Independence Kitchens
N & C Building Products Ltd/Phlexicare Division
Pressalit Care Ltd

} might be
considered for an
interested child

- Standard cooker
- Height-adjustable trolley
Thomas Gideon Design

Floor surfaces

- Bathroom
- Bedroom
- Kitchen
- Hall
- Other areas

Storage/charging area for:

- Two powered wheelchairs (unfolded)
- Transit chair (folded)
- Akron tilt table
Length: 1900mm
Width: 560mm
Huntleigh Healthcare Ltd
- Standing frame
(Shelf for charger/see next page)

Light switches

Type

- Tenby Clipper range
Legrande Electric Ltd
- Touch-sensitive Superswitch
- Remote-control Superswitch
Ridley Electronics Ltd

Position/height

- All switches in en-suite bedroom except by bed
Height – bottom of switch to finished floor level (FFL): 700mm
Space on wall free of obstruction, both sides of switch: 600mm

Bathroom

- Wall-mounted switch outside bathroom

Bedroom (3-way switches)

- Outside room
- Single bed/wall mounted
Height – to clear bedding (bottom of switch to FFL): 760mm
From wall behind bed headboard: 1020mm
- Double bed: pull-cord
- Double bed: remote control
- In an accessible position for use from wheelchair
- Over work surface: spotlights (remote control)
Ridley Electronics Ltd

Sockets

Bedroom

- Double bed/adjacent bed head (marginally under bed) skirting board level:
2 x twin sockets
- Single bed/foot of bed (marginally under), skirting board level:
1 x twin socket
- Single bed/adjacent bed head (**bottom of switch to FFL): 760mm**
1 x twin socket
- Above shelf by bed
1 x twin
- Additional socket for use with vacuum (**bottom of switch to FFL): 700mm**
- Over work surface/wheelchair (**bottom of switch to FFL): 1100mm**
2 x twin socket (not in corner)
- Over work surface/standing (**bottom of switch to FFL): 1300mm**
1 x twin socket
- Sloped boxes on work surfaces
3 x twin socket
- TV
- TV aerial
- Phone socket

Bathroom

- Shaver point at side of washbasin
- Integral with *Astor-Bannerman* washbasin

Sitting room

- Powered easy chair

Charging of wheelchairs

- Twin socket above shelf
- Shelf (to accommodate charger at convenient height)
Height from FFL: 850mm
Width: 500mm
Depth: 300mm

Fused spurs for use with the following:

- Specialist bath
- Height-adjustable washbasin
- Shower toilet
- Wall-mounted bathroom heater or body dryer
- Ceiling hoist (preferably in bedroom, but **not** over bed)
- Automatic door opener
- Curtain control

Position: determined in conjunction with suppliers

Heating

Bedroom

- Temperature: **21° – 24°C**

Bathroom

- Temperature: **21° – 24°C**
 - Additional wall-mounted fan heater
 - Apres Shower Body Dryer (alternative to a wall-mounted heater)
Apres Shower Ltd
Go Independent
Total Hygiene Ltd

Smoke alarm

- Wired into mains + battery backup (recommended)
- Battery model (to be installed by family)

Fire escape

- To be considered for ground-floor extensions positioned near or beyond kitchen

Intercom

- Internal intercom transmitter/receiver used with **13amp** sockets
- Door intercom/lock system

Environmental control

- Intercom with environmental control
 - To be referred for provision/installation in scheme
 - To be considered in the future
 - Steeper Fox
RSL Steeper Ltd
 - Possum Companion
Possum Controls Ltd
 - SRS100
SRS Technology Ltd

Funding

Housing grant

- Local Authority Housing Revenue
- Housing Association resources
- Improvement Grant application made
- DFG informal application made

£ **DFG/Improvement Grant contribution (informal assessment)**

- Discretionary assistance
- Grant
- Loan (to be considered for top-up)

Application to be made to Housing/Social Services/Social Work Dept. for:

- Help with contribution and/or
- Top-up over maximum grant

£ **Housing/Social Services/Social Work Dept. assistance agreed**

Application to Family Fund (under 16 years)

- To match Housing/Social Services/Social Work Dept. discretionary assistance (Joint salary current limit of under £21,500 (Scotland) £23,000 (rest of UK) - April 2003)
- Special case to Family Fund to match Housing/Social Services/Social Work Dept. Discretionary assistance: joint salary is over £21,500 (Scotland); £23,000 (rest of UK)

£ **First guess/estimate of building work cost**

| Specialist equipment to be assessed | Price guide (£) | Cost of equipment in scheme (£) |
|---|-----------------|--|
| <input type="checkbox"/> Sovereign bath | 3,500 - 5,200 | |
| <input type="checkbox"/> Easibath Hi-Lift/Contour | 4,400 - 7,000 | |
| <input type="checkbox"/> Electric Mermaid Ranger | 2,400 | |
| <input type="checkbox"/> Bath cradle/electric mast/transporter | 2,000 | |
| <input type="checkbox"/> Shower tray + screen | 800 | |
| <input type="checkbox"/> Height-adjustable shower seat inc. arms | 1,400 - 1,515 | |
| <input type="checkbox"/> Shower chair/cradle | 300 - 1,700 | |
| <input type="checkbox"/> Body Dryer | 435 | |
| <input type="checkbox"/> Height-adjustable washbasin | 1,600 - 2,050 | |
| <input type="checkbox"/> Shower toilet | 2,150 | |
| <input type="checkbox"/> Ceiling hoist/extended track/electric turntable/two slings | 2,800 | |
| <input type="checkbox"/> Automatic door opener | 1,000 | |
| Total cost of equipment needed: | | £ <input style="width: 100px;" type="text"/> |

- Grant covers 5-year warranty/service contract on all equipment

Action plan

| | Action to be taken | By whom |
|-----------|--------------------|---------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | | |
| 8 | | |
| 9 | | |
| 10 | | |