



15 collegiate crescent
sheffield
S10 2BA
t: 0114 266 3001
f: 0114 266 3002
e: sheffield@beaumontandcowling.co.uk
w: www.beaumontandcowling.co.uk

d e s i g n a n d a c c e s s s t a t e m e n t

Project: Sheffield Childrens Hospital
Proposed Helipad – Capitol Park, Dodworth, Barnsley

Job No: 3224

Design and Access Statement for construction of new Helicopter Landing Pad

1. Site Assessment

The site is located alongside the Northbound carriageway of the M1 motorway just after junction 37 exit. The site is located on an undeveloped part of the Capitol Park Development adjacent to The Sheffield Childrens Hospital's Embrace Centre

1. Use

The proposal is to provide a helicopter Landing area to allow the Embrace Team to improve the round the clock transport service they provide for critically ill infants and children in Yorkshire. The use of an air ambulance helicopter will enable the Embrace team to move Specialist medical teams and equipment quickly to the sickest patients throughout the Yorkshire and Humber region. The service will also allow the transfer of patients who require care in another hospital in a quick and efficient manner with the minimal of discomfort to the patient whilst also providing medical stabilisation of the patient during the transport journey.

2. Layout

The proposal is to construct a new 25x25metre helipad on land which is currently vacant. There will also be a new pathway leading from the helipad to the current Embrace Centre.

3. Scale

The scale of the proposal is determined by following guidelines in Healthcare Technical Memorandum which provides the standards required for Air ambulance landing areas.

4. Landscaping

The use of the development means that no landscaping can be provided as the landing area needs to be kept clear to ensure a safe approach and touchdown can be achieved, this includes maintaining a clear 30m exclusion zone. The existing surfacing will be retained to the area surrounding the landing pad.

5. Appearance

The area will be finished with a reinforced concrete pad which will be raised to finish approximately 450mm above the surrounding ground level with a 1 in 3 slope to the perimeter. A large white 9m x 9m x 3m wide cross will be painted in the centre of the slab onto which will be painted a Red letter 'H'. A yellow painted circle 500mm wide will encompass the cross, (touching the corners of the cross). To the perimeter of the pad will be a 300mm wide white painted line inside of this will be pockets formed in the concrete pad. Removable Green LED hazard lights will be placed into these pockets when a helicopter is due for arrival. These lights will be removed when not in use/required.

6. Access

The site access via the main Park entrance will be maintained.

7. Car Parking

Not applicable

8. Inclusive Access

The development will not fall into the inclusive access category however level access from the landing pad and level access from the existing tarmac parking surface will be achieved by connecting these two areas by means of a new 2m wide concrete path which will fall from the pad to the parking area.