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BOROUGH OF WORTHING
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GlaxoSmithKline, WORTHING

IBC Store
Adjacent Building 6E
GlaxoSmithKline
Worthing,
West Sussex
BN14 8QH

January 2009 Revision 0

DESIGN AND ACCESS STATEMENT

To accompany the Application for Planning Permission for the erection of an IBC store a Design and Access Statement is required. Certain criteria, in the standard format, are not relevant to this application and will be noted as not applicable.

USE

The new store is required to house 2No. Intermediate Bulk Containers. One will contain Nitric Acid and the other will contain Sulphuric Acid.

Previously the Sulphuric Acid was stored in a vessel on the other side of the site access road and was pumped to Building 6E via the site pipe bridges. The new location is directly outside the facility where the acids are required and as such negates the need to pump them along the pipe bridges. The Nitric Acid is currently delivered directly to the facility in 30litre containers when required. The new installation will obviate the need for frequent acid deliveries to the facility.

AMOUNT

Each of the two IBCs contains approx 1 tonne of acid (1000 litres)

LAYOUT

The store is located within the GSK Worthing site adjacent to the East Elevation of Building 6E. The new location will provide improved access for personnel, both production and maintenance, and improved protection against the weather. The two IBCs will sit on polypropylene pallet spill trays and will be delivered and collected by fork lift truck via the site access roads.

SCALE

The building is a single storey structure with a sloping roof and is sized to accommodate the two IBCs side by side. The associated pumps will be located to the rear of the store so that the acid can be pumped directly into the adjacent building. There will be a single door to the south elevation to provide access for operators and

maintenance personnel. There will be a roller door to the front (West) elevation. The structure will not be visible from outside the GSKsite.

LANDSCAPING

The existing access road is to remain unchanged as a tarmac road. The existing pavements and hard standings are concrete and will remain unchanged.

APPEARANCE

The store is in keeping with other stores located along the east elevation of Building 6E and 6D. The sides and roof are to be clad in silver/grey profiled metal cladding sheets and the front elevation will have a grey fabric roller shutter door. The single door to the side will be painted to match the doors of the adjacent buildings.

ACCESS

The road layout will remain as existing.

Reference to public transport is not applicable.

Flood Risk Assessment.

Using PPS25, the location of the proposal falls into Zone 2 – Medium Probability. The proposal is considered to be 'Less Vulnerable' in Table D.2 and as such would be considered appropriate within this zone.

Environmental Agency - FRA Guidance Note 2 – minor non domestic work advises that the risk assessment can take the form of a statement.

FRA in the form of a statement

The erection of the store will not have any affect on the existing ground conditions of the GSK site. The existing area is currently a concrete hard standing and surface water drains into the site surface water system. The existing gullies serving the site will remain unaltered. In the event of a flood the excess water that cannot be accommodated by the existing drains will flow into the roadway and will not be restricted by the erection of the new store. The finished floor level of the store will be 300mm above the adjacent site road. The two operating pumps will be positioned on 200mm high concrete plinths. If the flood ultimately affected the pumps the system would not operate and in this event the building would stop operations until the water level returned to normal.

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