Glasgow has been chosen as the host city for the 2014 Commonwealth Games. This has resulted in significant investment in the city, both with regards to competition venues and significant additional infrastructure such as athlete accommodations and transport. A major international sporting event such as this provides a significant economic boost to any host city, as well as raising the international profile of the host. Major investment has occurred in order to provide/ attract sporting venues, hotels, and the variety of sports which form the Commonwealth Games.

This project looks at re-imagining the Commonwealth Games, with a focus on post-industrial brownfield sites. The project pays close attention to the legacy the venues will leave behind and its relationship with the surrounding areas through out time.

The design concept of the project was to address the smaller venues in the commonwealth games, such as fencing and martial arts. Rather than creating a singular space that has to be shared, the project looks at having a number of smaller spaces under a single roof. The roof is made from the existing site and the roof itself is the Commonwealth Games. The roof will be able to host various events and will be able to display local events and increase the awareness of the games in Glasgow. The roofed roof structure can have a total of 400. The roofed roof structure uses a panel on the roof that can be raised through programmed access to the roof. This will allow light to enter the underside of the roof. The internal buildings are constructed with prefabricated panels and clad in an aluminium frame and white fibre glass membrane to allow easy deconstruction for future projects after the games.

The building will look at harnessing the wind energy to provide the site with electricity. The internal space will provide shelter from the majority of the elements and allow use of the site in bad weather conditions.

A series of features will be brought to the site including a new dock, car parking areas and increasing green space in the west end of Glasgow that will be accessible to the residents of Coven and Patrick.

The architect of the building area has included a roof that can be raised to expose the sky and the ceiling to allow sunlight to enter the space. The roof is made from the existing site and the roof itself is the Commonwealth Games. The roof will be able to host various events and will be able to display local events and increase the awareness of the games in Glasgow. The roofed roof structure can have a total of 400. The roofed roof structure uses a panel on the roof that can be raised through programmed access to the roof. This will allow light to enter the underside of the roof. The internal buildings are constructed with prefabricated panels and clad in an aluminium frame and white fibre glass membrane to allow easy deconstruction for future projects after the games.

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The entire site is covered in a three-layered grid shell dome that will house the different buildings and events on the site. This grid shell will sit on top of a large rectangular concrete plinth that will be supported off the ground using a series of steel columns. The span and the weight of the dome at its centre point is distributed through steel connections of the grid shell and directed into the concrete plinth.

The grid shell is a permanent feature of the site and will allow for many activities to take place in the internal spaces underneath it. Its large open space under the dome will encourage the local community to walk freely around and under the super structure. The specific shape will act as a landmark in Glasgow and create a sense of identity for not only the Commonwealth Games but also future events and occupancies in the decades to come.

The roof of the grid shell will allow a constant world to be under the dome with cut openings to the sky. The roof will be a high attraction to the roof and of Glasgow and allow local park to enclosed dome a place to meet and social.