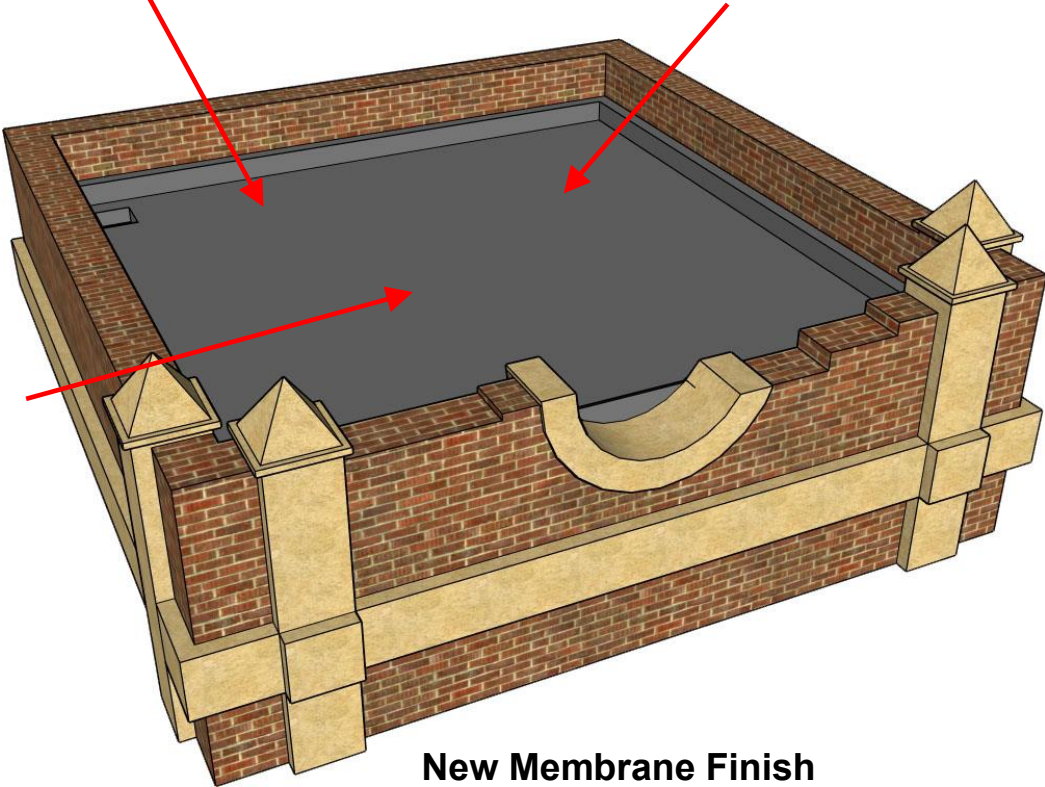




Existing galvanised steelwork framing at head of tower to remain and to be used as support for new timber flat roof deck and protection

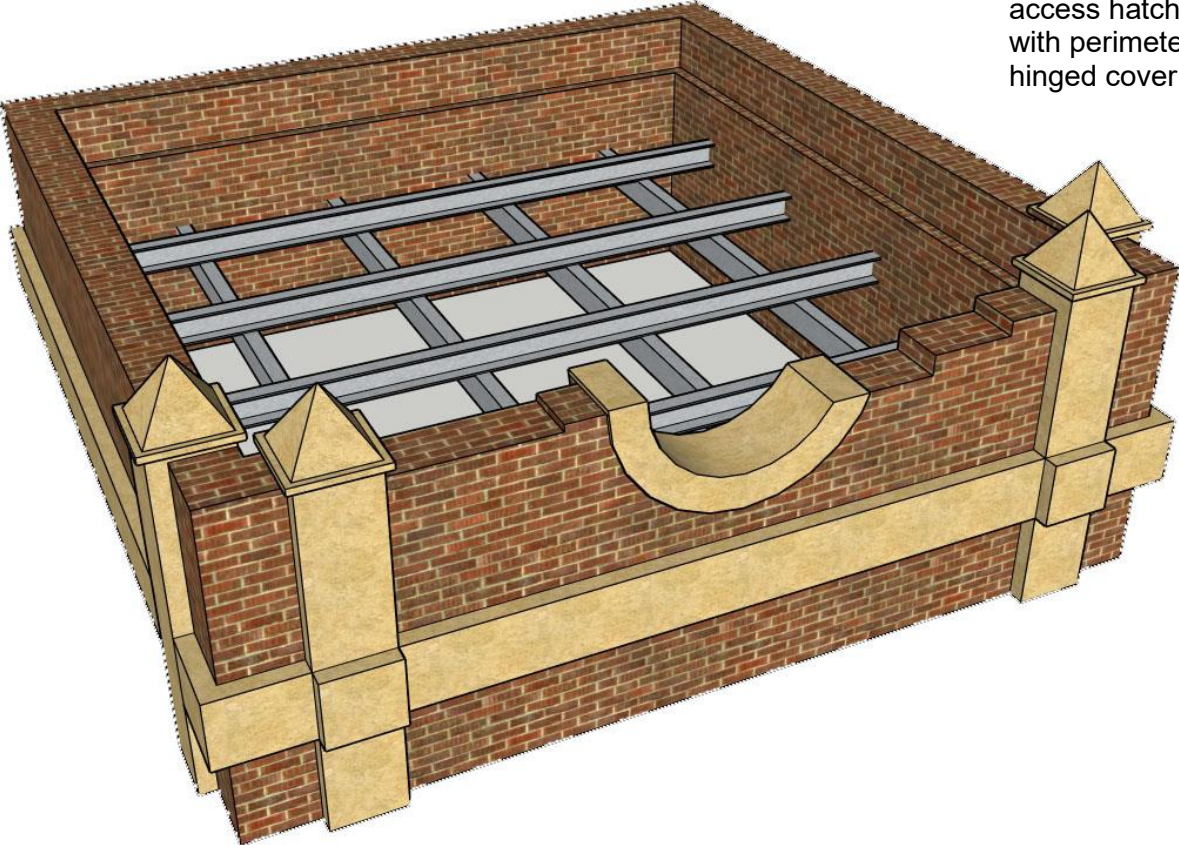
Deck to falls with internal hopper outlet to temporary internal 100mm diameter drainage pipe taken to ground level

New single ply membrane over new ply deck. Perimeter weathering detail to be agreed once access available. Provisionally allow for local consolidation of existing brickwork to accommodate ply gutter boards and membrane over.



New Membrane Finish

Key Reference Plan



Existing Steelwork Grid Retained

Single nominal 600 square access hatch/panel in deck with perimeter upstand and hinged cover.

Flat roof deck formed with 125x50 C16 joists at max 400 centres, secured to 100x50 C16 bearing timbers strapped to top face of existing steelwork and on perimeter of tower. 18mm ply decking and perimeter boarding to take single ply membrane finish.



New Timber Deck Over Existing Steelwork

NOTES:-
Contractor to allow for access scaffold or trestles to facilitate works as required and all associated design of temporary works.

Contractor to allow for providing method statements and risk assessments for the works to project Principal Designer for approval.

Contractor to allow for preparing mortar sample for approval of pointing detail by CA/conservation officer where required.

The timber elements forming the tower cupola are being temporarily removed from the building under the conditions of Hinkley and Bosworth Borough Council Listed building application 25/00423/LBC.
The consent for removal requires these timber elements to be retained on site in a dry and ventilated condition for subsequent repair and reinstatement.

REV	DESCRIPTION	BY	DATE
P1	Preliminary Issue	JNA	Jul25

Project
Bradgate Stables
Groby
Leicestershire

Title
Timber Cupola
Urgent Protection Works
Temporary Roof



Mann Williams
Consulting Civil And
Structural Engineers

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Drawn	Chkd	Size	Scale	Date
JNA	IB	A3	nts	Jul 25
STATUS Preliminary				
Project 11769	Drawing 02	Rev P1		