



Heavy Component Movement Strategies

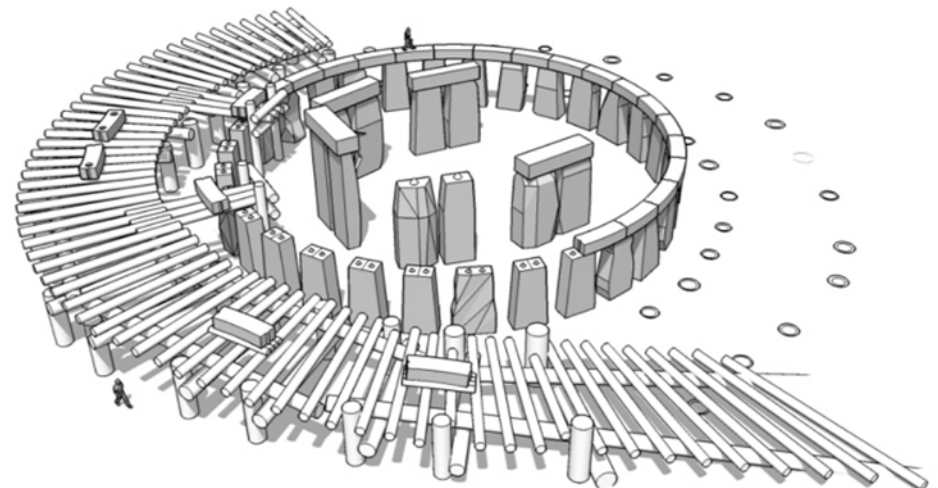
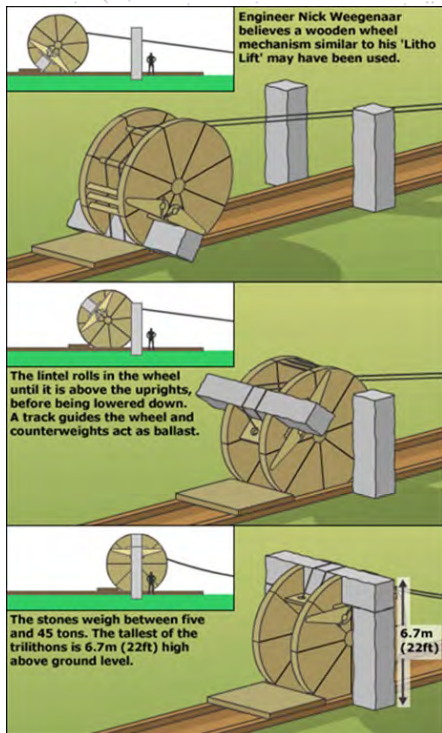
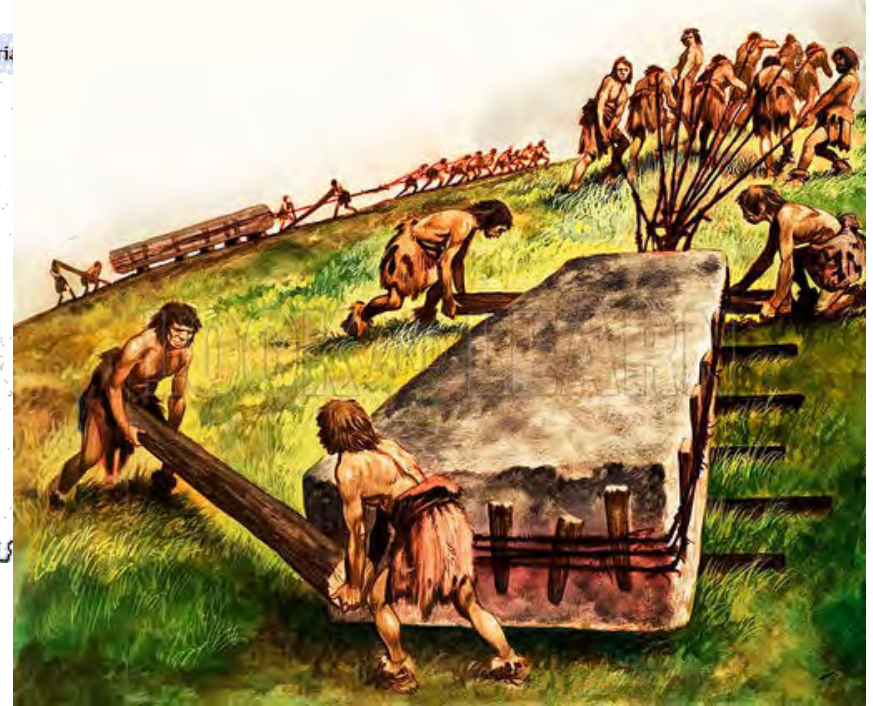
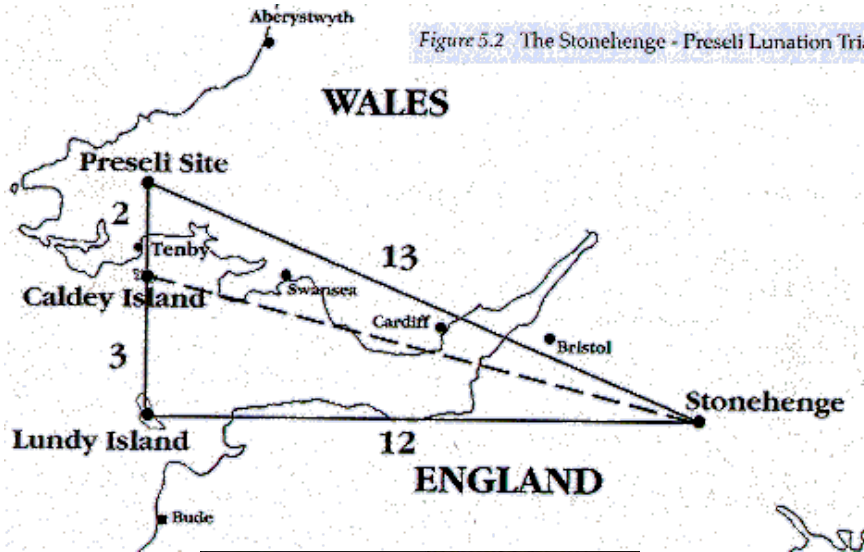
HCM's which are "Significant Risks" at Design Stages
NOT normal routine construction MSD & WAH risks

Stonehenge- Construction Mystery?

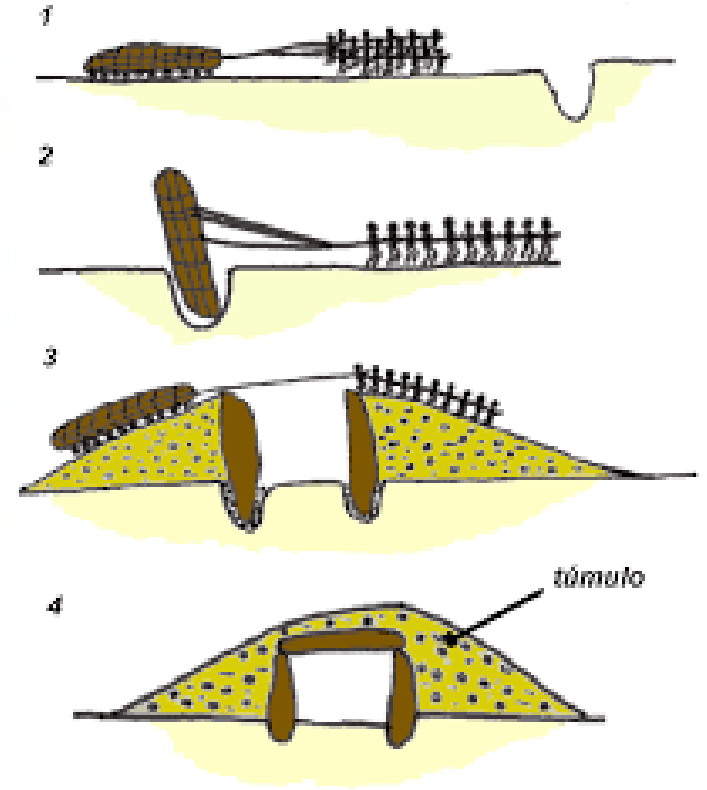


More than 5000 years ago

Moving Heavy Materials large distances



Lifting Heavy Stones into position



Southampton Solent University

Designer CDM Analysis and Options Matrix - Hazard Identification and Significant Risk Management

Project & No:-	Solent University Campus	14677	Work Stage :- F	Revision & Date:	19	Aug 21st 2015
HAZARDS and SIGNIFICANT RISKS	BUILDING FORM, MATERIAL, , ACTIVITY, LOCATION	ELIMINATE or AVOID risks (During early design stages) SFARP	REDUCE or MINIMIZE risks ALARP by :- (During all design stages) Safe systems of work & protection >	INFORMATION To be provided with the design eg Specialist Design & client input	CONTROL METHODS Contractor or Client Manage - ment Systems	ACTION OWNERS & DATES - OTHER SPECIALIST GUIDANCE & COMMENTS
						Agreed

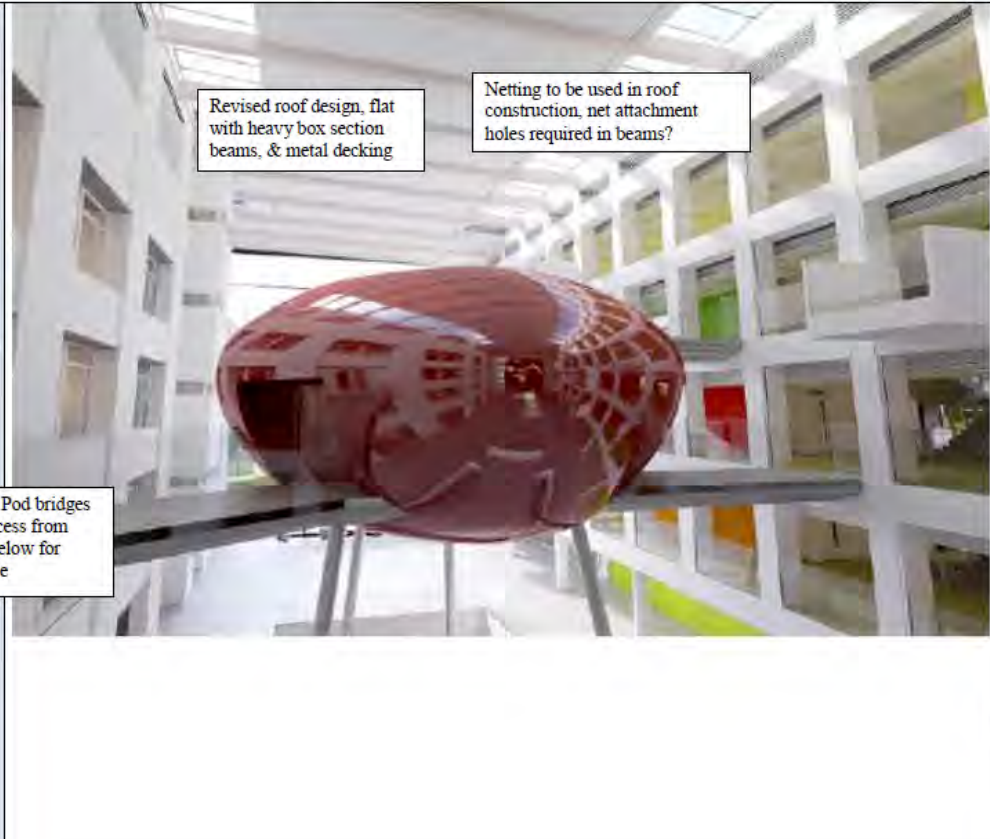
1.0 PROJECT CDM APPROACH	This document is a visual and minimal text analysis of the key CDM Design stage issues identified by the project team with associated Significant Risks identified and design or control methods recommended. The Project Development team should help to resolve outstanding issues in the Detailed design stages plus add further issues identified for team discussion and resolution. This is a CDM Design and Issue Tracking document, and will ultimately be the Pre-Construction Information for the project for further development by the Contractor.					Project and Contractor Team to develop this document as scheme evolves.
1.0.1 FRONT ENTRANCE	The new entrance provides a stunning highly glazed vista into a New Academic world as viewed from East park.					
<ul style="list-style-type: none"> • WORK AT HEIGHT ISSUES • ASBESTOS • TEMPORARY PROPPING 					 CDM OVERVIEW:-	
					1. Atrium roof access to metal roofing , roof lights and gutters. specialists to be consulted.	Contractor and roofing specialists to liaise for construction and maintenance stages
					2. Interface construction with Millais including Asbestos removal issues.	Contractor to agree extent and programme with specialist asbestos removal company
					3. Construction during operation of existing Millais building and University Campus	Contractor and client to liaise. Contractor to make proposals .
					4. Maintenance and cleaning of Atrium end glazed wall, inside and outside	Client prefers a MEWP on the raised podium and inside via large doors in elevation.
					5. Large steel vertical fins to brace the atrium glazed wall will require crane and temporary bracing until connected to roof structure	Cladding, steelwork and main contractors to liaise. Roof braced for horizontal loads
					6. Integration of Smoke Vents at high level with maintenance access	Smoke venting details to be agreed, including make-up air in front elevation?

Designer CDM Analysis and Options Matrix - Hazard Identification and Significant Risk Management

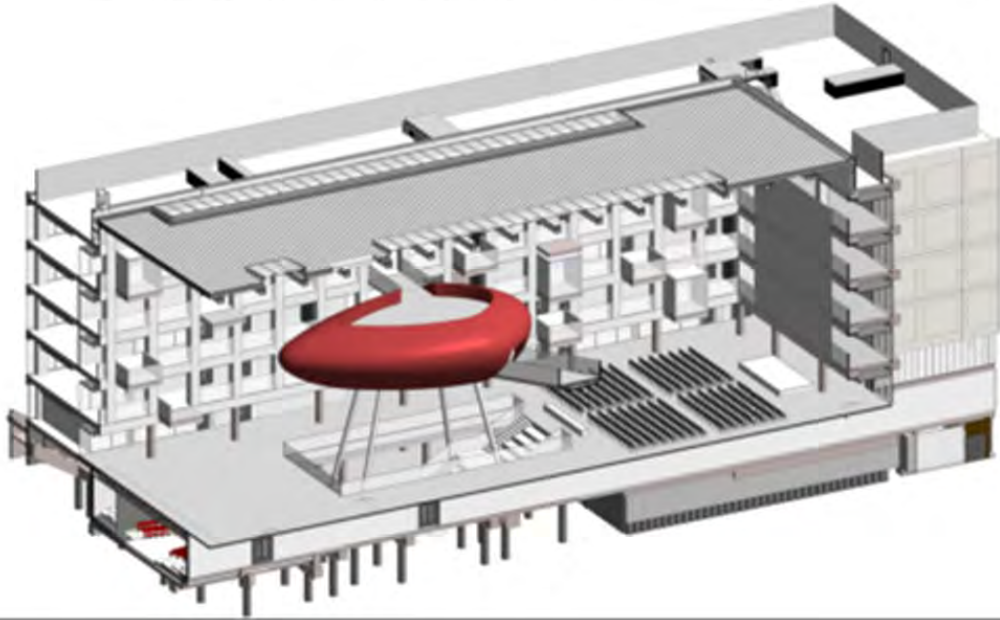
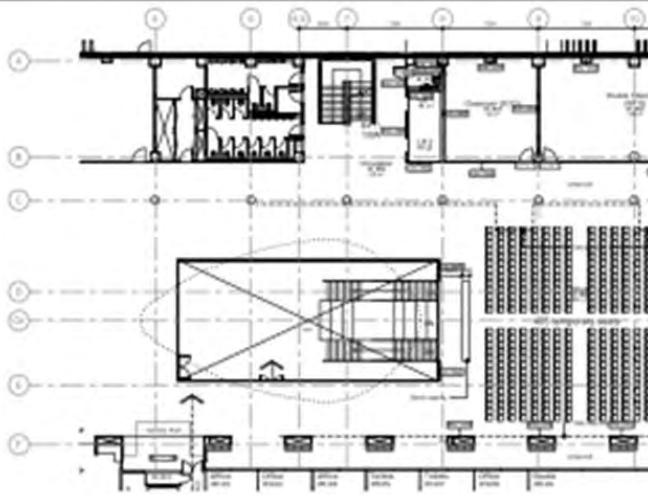
Project & No:-	Solent University Campus	14677	Work Stage :-	F	Revision & Date:	19	Aug 21 st 2015
HAZARDS and SIGNIFICANT RISKS	BUILDING FORM, MATERIAL, , ACTIVITY, LOCATION	ELIMINATE or AVOID risks (During early design stages) SFARP	REDUCE or MINIMIZE risks ALARP by :- (During all design stages) Safe systems of work & protection >		INFORMATION To be provided with the design eg Specialist Design & client input	CONTROL METHODS Contractor or Client Manage - ment Systems	ACTION OWNERS & DATES - OTHER SPECIALIST GUIDANCE & COMMENTS
							Agreed

1.0.2 THE ATRIUM AND NEW ACADEMIC BUILDING

- WORKING AT HEIGHT
- ASBESTOS
- MULTIPLE TRADES IN CLOSE PROXIMITY
- HEAVY LIFTING OF LARGE OBJECTS
- FIRE STRATEGY

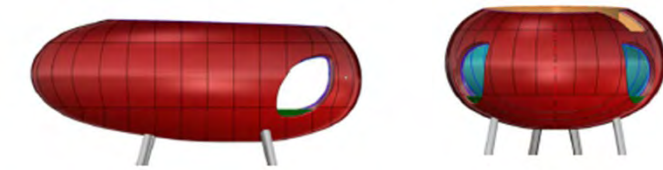


	CDM OVERVIEW	
1. Atrium Roof Construction and maintenance access- Revised design		MEWP access agreed with client internally. IRATA trained fall restraint access to external flat roof
2. Millais elevational and structural modifications with asbestos removal issues		Contractor to agree programme with client.
3. Open balcony construction to New Academic Building with associated temporary protection prior to final handrail installations. Minimize working at height.		In-situ slabs with possible offsite manufacture of balcony pods, craned into place.
4. Access to ceiling lighting on balconies to prevent falls over balustrade, by podium steps		Client agreed podium steps to be used on balconies.
5. Construction and maintenance of pod feature at centre of atrium. Offsite manufacture and crange.		Contractor /designer to agree details with specialist. Proposal required at tender.
6. Fire Engineering of Atrium during construction phase with long travel distances and large amounts of scaffolding and temporary protection. Alternative exits from Millais required.		Construction phase fire strategy to be agreed between contractor and SSU , for operatives and users of Millais (see details later).
7. Access for construction vehicles into atrium due to raised levels above ground and hole in atrium slab.		Contractor site access plan to agreed
8. Retain occupation of Millais throughout works, ventilation, daylight v Noise, dust and distraction, Means of Escape.		Contractor and client to agree programme, timings, details. Noise will be very problematic to counter.




 SCOTT
 BROWNRIGG
 10 Market Street
 London
 EC4A 3DF
 T: +44 (0)20 7460 8400
 F: +44 (0)20 7460 8401
 W: www.scottbrownrigg.com

Interserve
 Southern Solent University
 New Teaching Building
 Alum Seating Option
 1 : 150 @A1
 14677 SK-055
 FOR COMMENT A



Side view

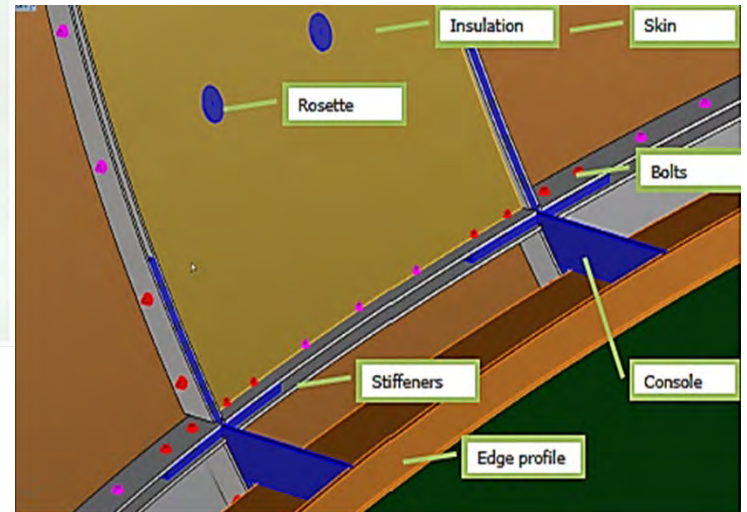
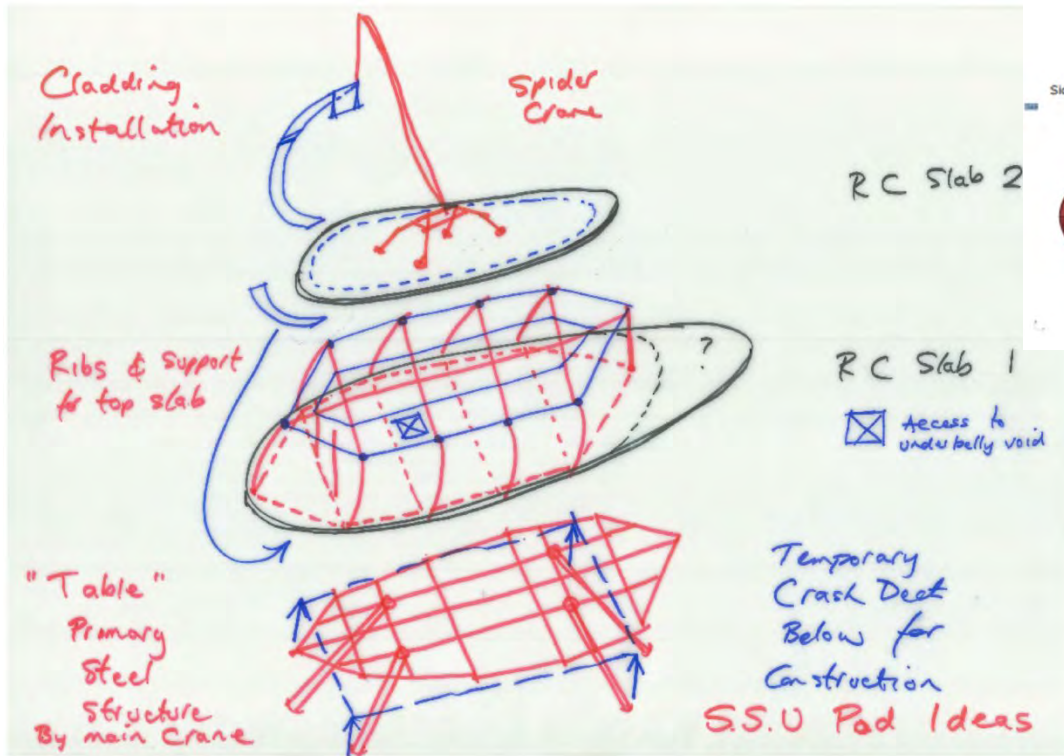
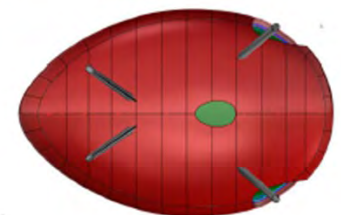
Front view



Side view



Back view



SSU – POD-Sketch & Buildability

Visual risk analysis, storyboard or pathway

Designer CDM Analysis and Options Matrix - Hazard Identification and Significant Risk Management										
Project & No.:-	Solent University Campus		14677	Work Stage :-	F	Revision & Date:	19	Aug 21 st 2015		
HAZARDS and SIGNIFICANT RISKS	BUILDING FORM, MATERIAL, . ACTIVITY, LOCATION	ELIMINATE or AVOID risks (During early design stages) SFARP	REDUCE or MINIMIZE risks ALARP by :- (During all design stages) Safe systems of work & protection >			INFORMATION To be provided with the design eg Specialist Design & client input	CONTROL METHODS Contractor or Client Manage - ment Systems	ACTION OWNERS & DATES - OTHER SPECIALIST GUIDANCE & COMMENTS		
								Agreed	Appr'd in principle	Not yet actioned

2.5 SECTIONS & VIEWS (PRECEDENT EXAMPLES)



- !**
1. Access to Atrium roof for cleaning over and adjacent to the pod- MEWP
 2. Access to opening vents in roof for smoke ventilation- MEWP internally , access walkway externally.
 3. Access to lighting In atrium, underside of walkways to pod and balconies, all require high level access unless via raised floor above?
 4. Access to pod exterior for cleaning and maintenance to be via a MEWP.
 5. Cleaning Front elevation internally and externally with MEWP that can access up the ramp and manoeuvre through the entrance doors (cleaning track internally omitted by client FM team)
 6. Protection of atrium floor during cleaning & maintenance operations if required by MEWP?
 7. Cleaning of Roof structure of dust from MEWP?
 8. Lighting to amphitheatre steps under the pod to be designed for ease of access. Ideally from sides handrails or floor lights to steps.
 9. Temporary works to pod may require access and crash deck below. Confined working space in underbelly.

Team Sign-off status	Client	S. Solent University	Architect	Scott Brownrigg	Struct. Eng	SWH (Str)	Services Eng	Arups (Ser)	P. Contractor	Interserve (ICL)
Others	P.M	Gleeds	CDM-C	Scott Brownrigg	Landscape		Cost Consultant	F & Gould		

Designer CDM Analysis and Options Matrix - Hazard Identification and Significant Risk Management

Project & No: -	Solent University Campus	14677	Work Stage :-	F	Revision & Date:	19	Aug 21 st 2015
HAZARDS and SIGNIFICANT RISKS	BUILDING FORM, MATERIAL, , ACTIVITY, LOCATION	ELIMINATE or AVOID risks (During early design stages) SFARP	REDUCE or MINIMIZE risks ALARP by :- (During all design stages) Safe systems of work & protection >		INFORMATION To be provided with the design eg Specialist Design & client input	CONTROL METHODS Contractor or Client Manage - ment Systems	ACTION OWNERS & DATES - OTHER SPECIALIST GUIDANCE & COMMENTS
							Agreed

2.5.3 POD MOCK-UP , FINISHING AND TRANSPORTATION



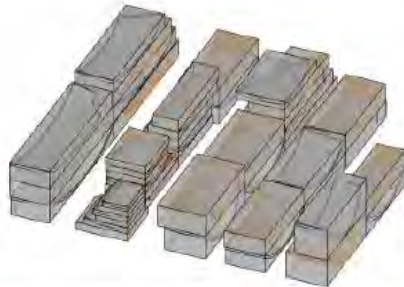
The PC will provide an accessible area and maneuvering space (no façade) to lift the crane into position and to remove the crane. CSC will take care of lifting the crane.
CSC will consult with the Client to determine the hoisting plan.

Spider crane to be used to lift steel panels into position. Crane to be hoisted onto pod roof slab for cladding installation. Spider crane removal after installation via bridge to NTAB and hoist to ground. Bridge and slab to take spider loads, including hoisting loads.



Mock-Up 4/- 1.6 m by 3 m.

Creating a mock-up of app. 5m² of an area of the steel skin pointed by the architect. (A suggestion from CSC is shown below). The mock-up will be a part of the connection of four parts of the steel panels. Steel edge profile and console are part of the mock-up.
This mock-up will give an indication regarding the materials and finishes. The actual performance by CSC will be carried out according to the Technical Specification (objectively measurable). The Technical Specification will be determined after the approval of the mock-up.
Production of the Pod starts after approval of the mock-up and Technical Specifications.

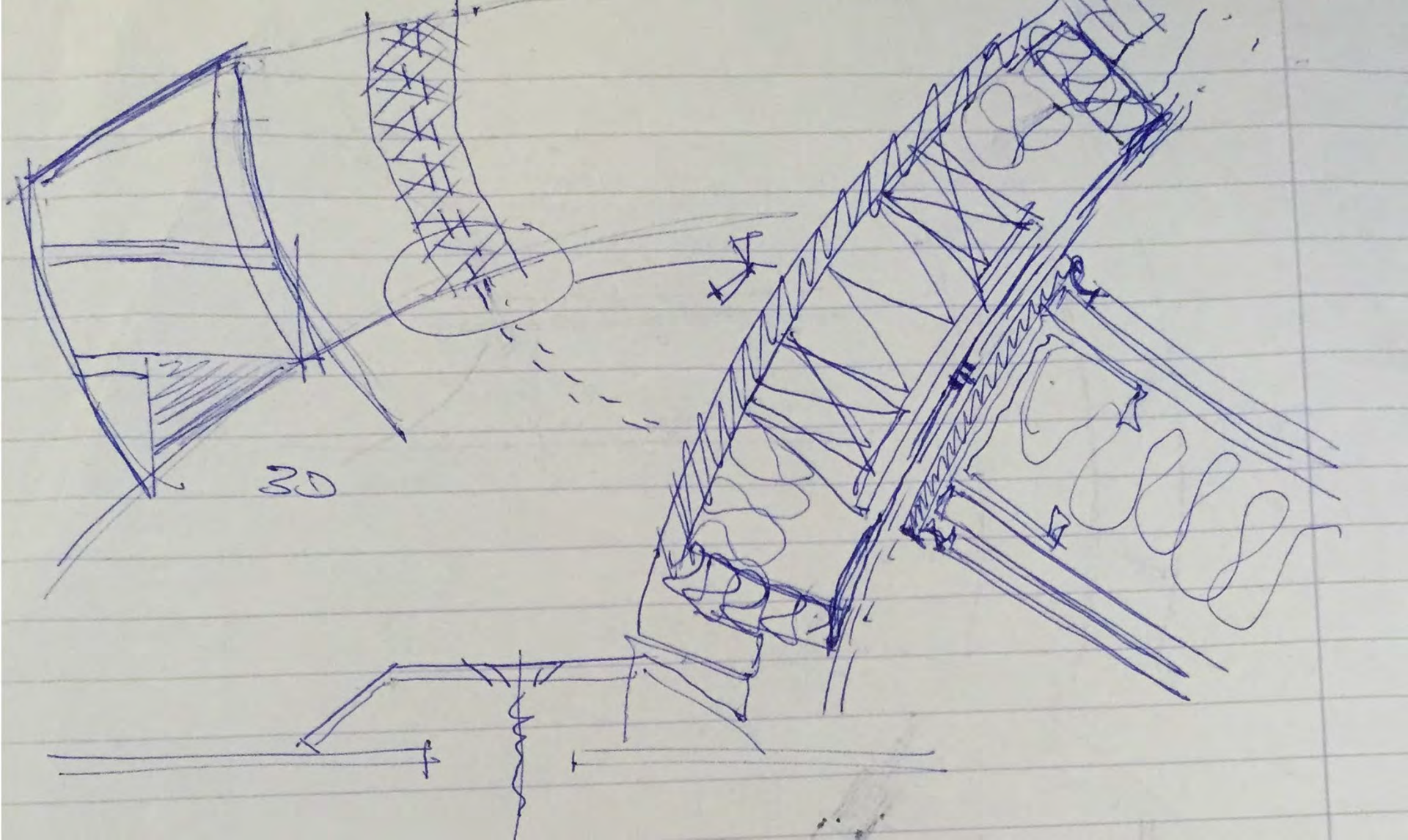


TRANSPORTATION
For the transport of the panels of the Pod are 9-10 trucks necessary. CSC will pack the panels in crates for protection and optimization of the transport.
The transport will be insured by CSC. Incoterms 2010, DAP.
Analyses of the panels. (half of the Pod)

FINISHES TO POD
Front and backside of the skin and inner panels
The steel plates will be finished with the following painting system:
Blasting front and backside of the panels;
Protective layer; 1 coat 2-component epoxyprimer, PPG-NEXA P580-3005, minimum dry film thickness 100 microns
Application of filler to smoothen grinding traces and for irregularities

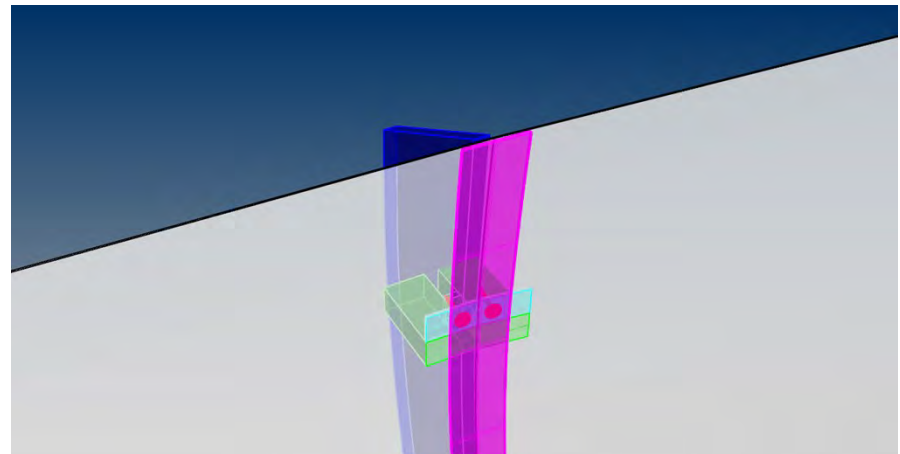
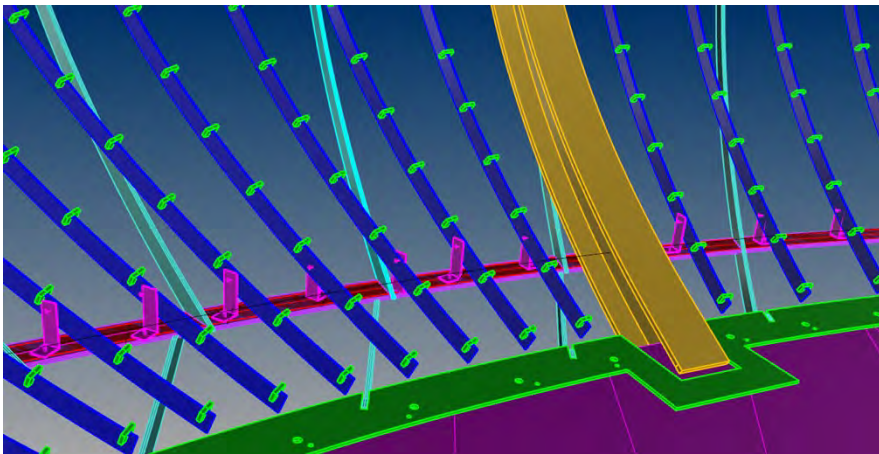
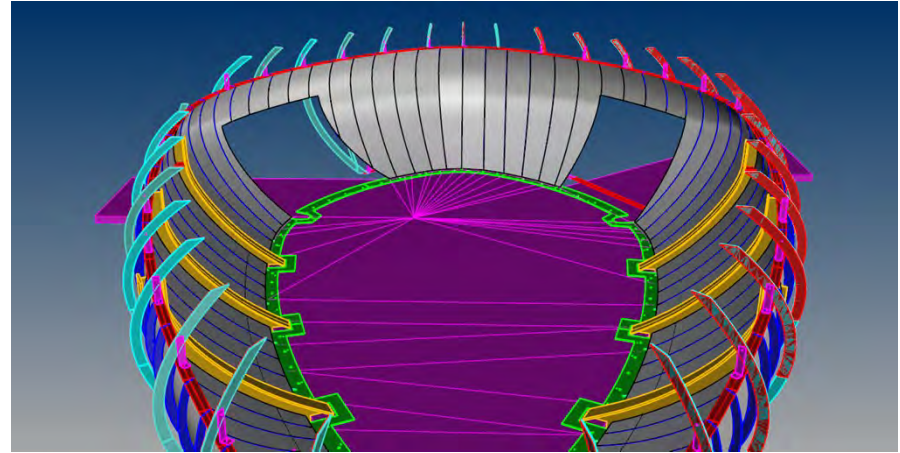
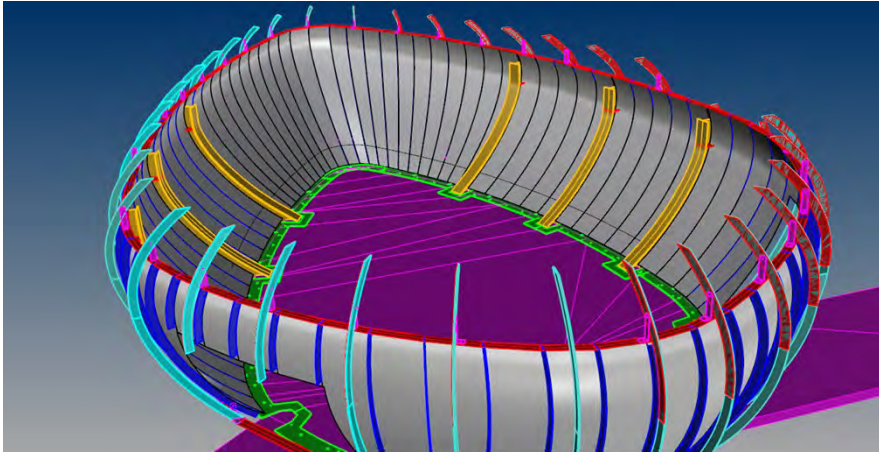


1. CSC Lifting plan to be agreed with PC to prevent conflicts with other trades.
2. Access and removal of crane to be agreed by PC & CSC
3. Upper slab and bridge to take spider crane and hoisting loads.
4. Mock up 5m² area will be part of the connection of 4 panels
5. Construction detailing to be confirmed and agreed for buildability
6. Location of mock up to be agreed , presumably at works in Holland or on site?
7. Transportation, un-loading , storage and deployment to be agreed by PC & CSC
8. Spraying and painting and making joints good after installation in atrium and at high level. PC & CSC



Pod Review Visit

Interface Detail Discussions



Pod Review Visit

CIG / Interserve Lining Proposals



Pod Review Visit



Pod Review Visit



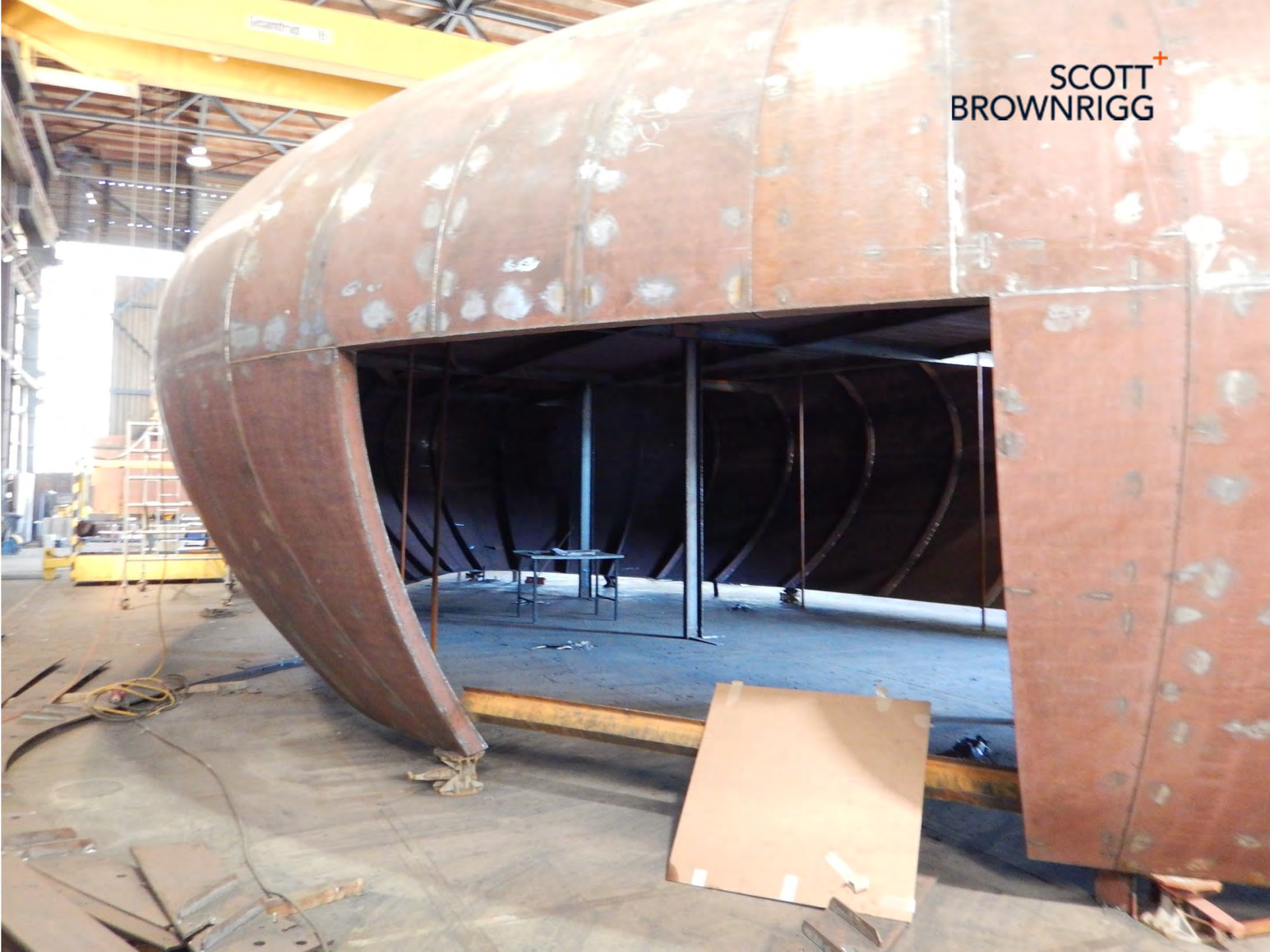
SCOTT
BROWNRIGG



SCOTT
BROWNRIGG⁺



SCOTT
BROWNRIGG⁺







Gesamttragf. 16t

ABUS 16/51

SCOTT
BROWNRIGG⁺





Pod Review Visit

Shipping Methodology









Vision:
Confident
Bold
Dynamic
Vibrant
Energising
Warm
Welcoming

Royal Court Theatre Act III

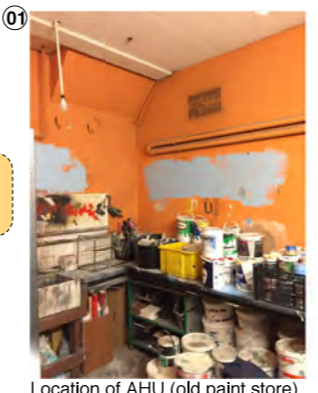
CDM Report Stage 4 Revision XX



**ALLFORD
HALL
MONAGHAN
MORRIS**

! Installation of AHU - will access be okay? Potentially come through in sections?

? Is this route achievable for pipework? Structural review and investigations to take place



Location of AHU (old paint store)



Man hole access to well



Ductwork running through BOH area

- SCOPE KEY / DESCRIPTION OF WORKS
- A. REFURBISHMENT OF QUEEN MARY ROOM
 - ASSOCIATED STRUCTURAL WORKS TO CREATE COLUMN-FREE SPACE
 - NEW VENTILATION SYSTEM TO SERVICE ENLARGED VENUE FOR 150 PEOPLE
 - CREATION OF ASSOCIATED GREEN ROOM
 - RELOCATED AND RECONFIGURED DOUBLE SIDED BAR TO SERVICE VENUE AND EXISTING VESTIBULE LOBBY
 - B. SERVERY REFURBISHMENT INCLUDING NEW COMMERCIAL KITCHEN
 - C. LIGHT TOUCH REFURBISHMENT TO CORRIDOR
 - D. CAGE LIFT FULL REPLACEMENT
 - E. TURNTABLE WORKS
 - F. CONVERSION OF BACK OF HOUSE SPACES TO ACCOMMODATE NEW AHU TO SERVICE QUEEN MARY ROOM

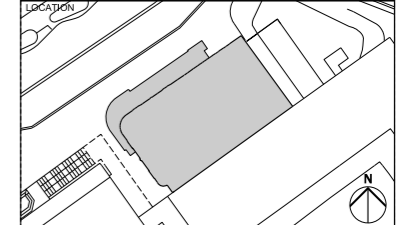
- CDM KEY
- REFER TO 16005_CDM HAZARD AWARENESS & RISK MANAGEMENT REGISTER
 - CAUTION OF A SIGNIFICANT DESIGN RISK AND SITE HAZARD
 - FURTHER INFORMATION REQUIRED
 - DESIGN RISK TOLERABLE
 - FURTHER CONSIDERATION REQUIRED
 - DESIGN RISK NOT TOLERABLE
 - ACCESS

- DEMOLITION KEY
- EXTENT OF PHASE OF WORKS 'ACT III'
 - EXISTING WALL DEMOLITION
 - EXISTING DOOR/WINDOW/FLOOR/STEP/FURNITURE DEMOLITION
 - REPLACEMENT LIFT CAGE - REFER TO SUB-CONTRACTORS INFORMATION
 - EXISTING CEILING DEMOLITION
- FOR SPECIFICATION REFER TO NBS: C10 / XXX

REV	DATE	COMMENT
A	10/03/17	Preliminary Issue
B	XX/03/17	XX

NOTE

1. Do not scale from this drawing, other than for Planning purposes.
2. All dimensions to be checked on site by the contractor and such dimensions to be his responsibility.
3. Report all drawing errors, omissions and discrepancies to the architect.
4. This document may be issued in an uncontrolled CAD format to enable others to use it as background information to make alterations and/or additions. In that instance the file will be accompanied by a PDF version. It is for those making such alterations and additions to ensure that they make use of current background information. AHMM Ltd accepts no liability for any such alterations or additions to the background information or arising out of changes to background information which occur prior to alterations of additions being made.



ALLFORD HALL MONAGHAN MORRIS
 ARCHITECTS Ltd
 MORELANDS, 5-23 OLD STREET LONDON EC1V 9HL
 TEL 020 7251 5261 FAX 020 7251 5123 WEB WWW.AHMM.CO.UK

Job title: ROYAL COURT THEATRE ACT III

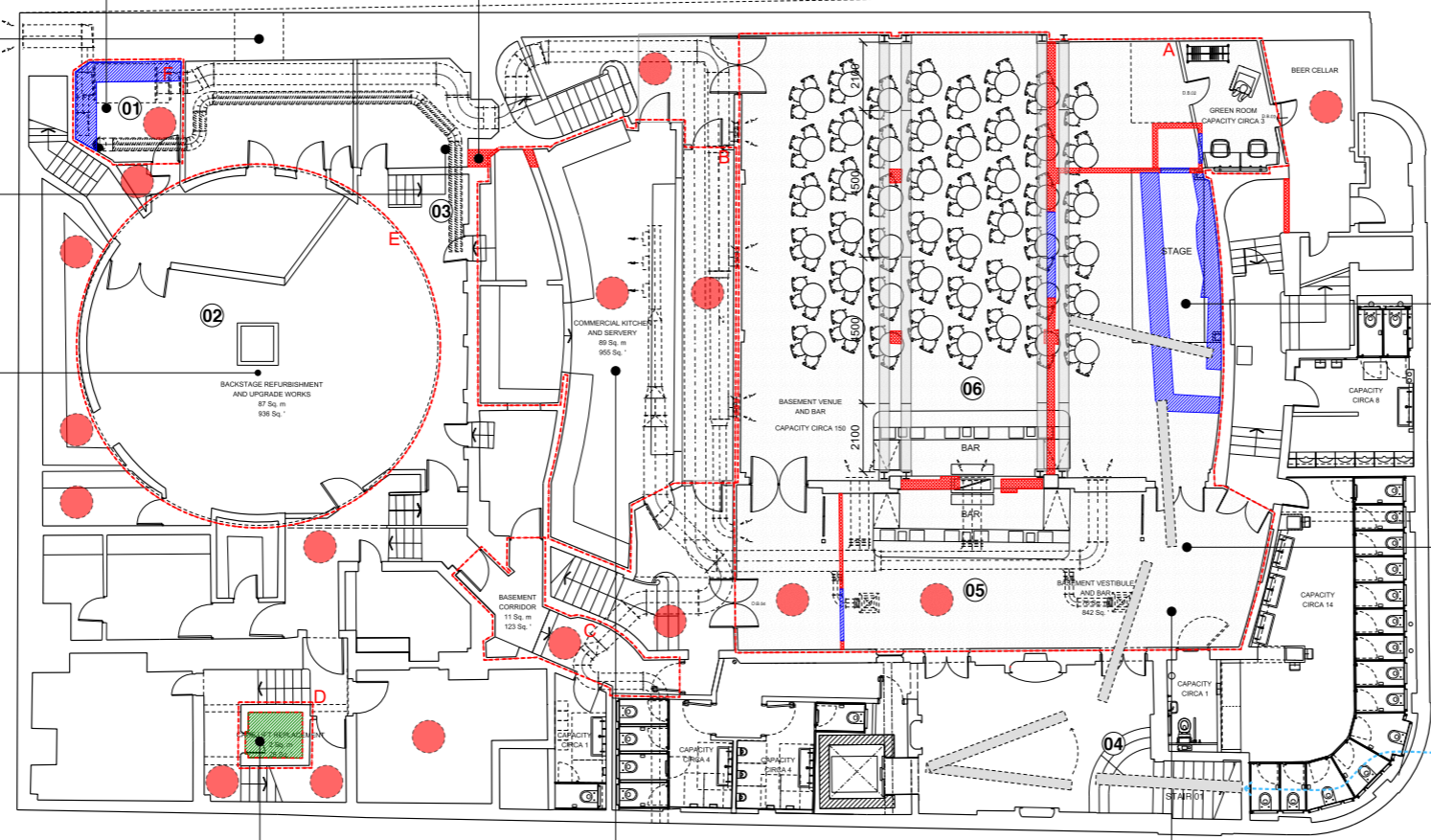
Drawing title / location: PROPOSED BASEMENT PLAN

drawn by	checked	scale	status		
SG	DW	1:100@A1; 1:200@A3	INFORMATION		
project	zone	source	classification	drawing no.	revision
16005	3	A	[64]	109	B

? Existing vent to be opened up for investigation works on neighbouring wall

? Identify clashes in pipework

? Be good to identify existing well for future works / maintenance



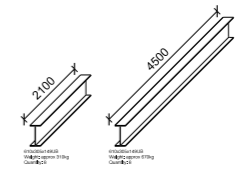
? Confirmation of existing structure in basement from Structural Engineers

! Installation of new steels - this needs to be planned. Steel contractor to advise

Diagram showing steels spliced into 4 and transported down the stairs.

Contractor to be aware that the large section of steel weighs approx. 670kg and the smaller sections approx. 310kg

From above (removal of glazing in cafe next to St Johns entrance)



? Lift pit required? Size tbc

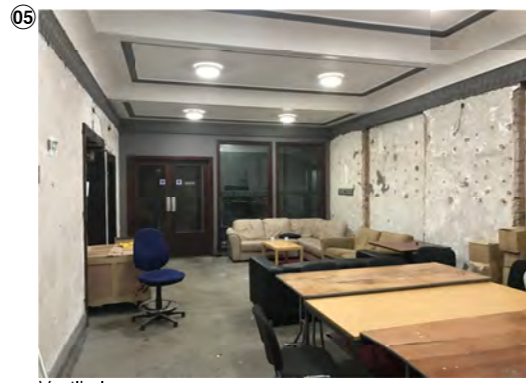
! Installation of Kitchen - will access be okay? How big are the pieces of kit?

Note: It is assumed sub-basement ventilation runs are retained as existing. No remedial works required

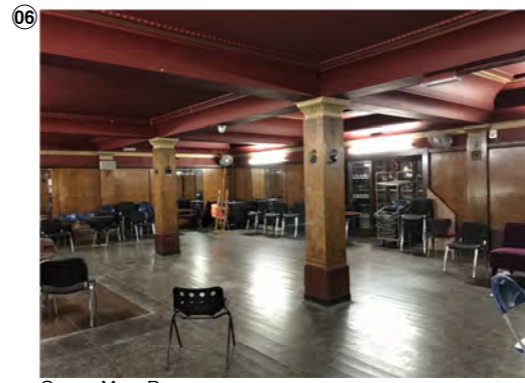
- Generic Risks:**
- Asbestos present - refer to asbestos survey report
 - Confined spaces
 - Airborne fibres & materials - sillicosis
 - Transportation of materials - musculoskeletal
 - Working at height



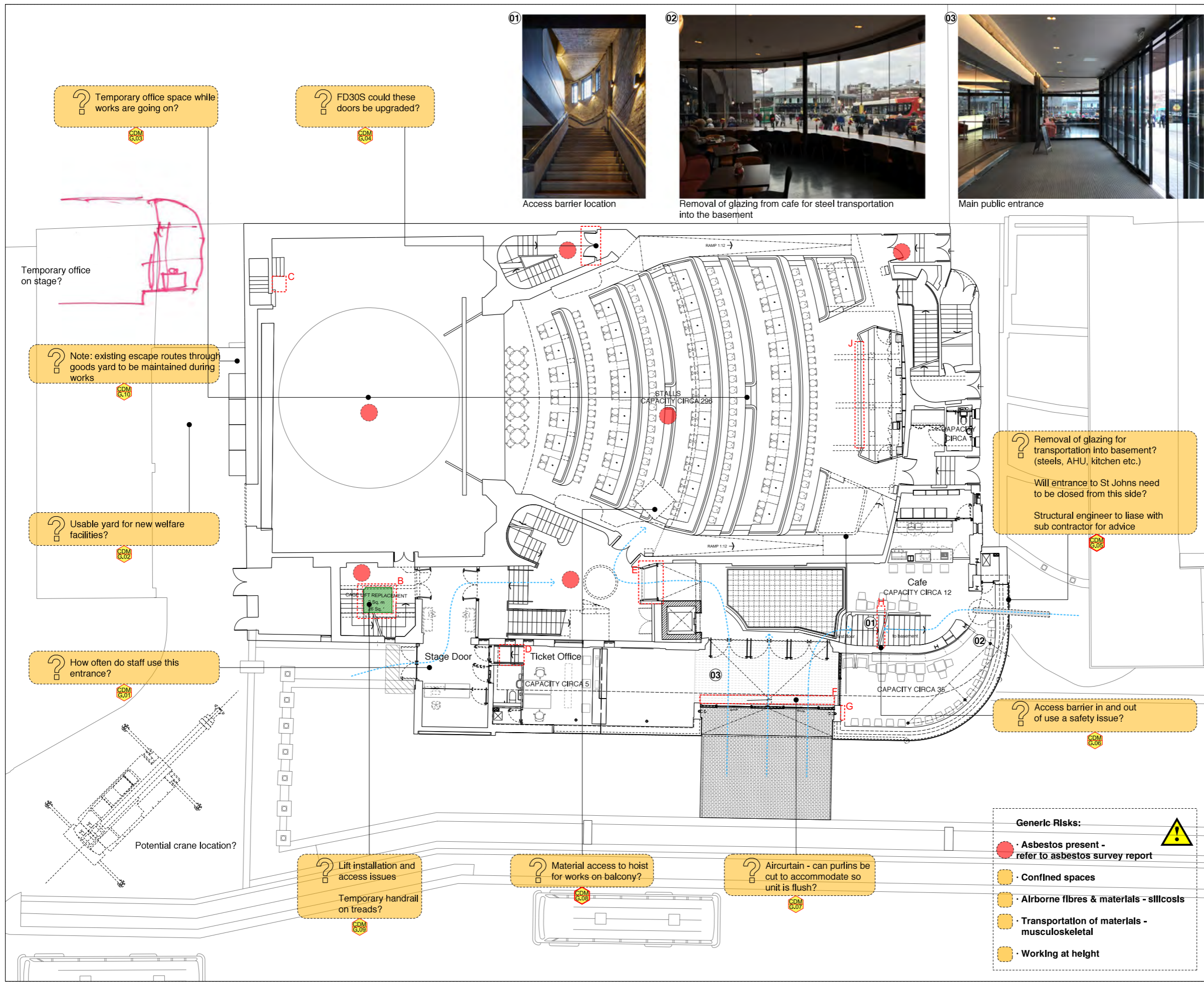
Basement stair



Vestibule area



Queen Mary Room



SCOPE KEY / DESCRIPTION OF WORKS

- A. NEW 'STAGE DOOR' SIGNAGE (REMOVED FROM SCOPE)
- B. REPLACEMENT CAGE LIFT
- C. WORKS RELATED TO DUCT ROUTING FROM BASEMENT VENUE
- D. PROPOSED INSTALLATION OF A/C UNIT IN CEILING ZONE OF DISABLED WC WITH GRILLES IN BOX OFFICE SPACE TO PROVIDE COOLING
- E. NEW PROPOSED FIRE DOORS (AUTO-CLOSING ON FIRE ALARM ACTIVATION) PROVIDING ALTERNATIVE PROTECTED ROUTE TO EXIT FROM BASEMENT VENUE AND PROVIDING NEW SECURE LINE
- F. PROPOSED NEW AIR-CURTAIN ABOVE ENTRANCE DOORS
- G. A/C UNIT WITHIN CAFE (POSITIONING TO BE AGREED) TO PROVIDE COOLING
- H. DEMOUNTABLE GATE TO LIMIT PUBLIC ACCESS TO UPPER FLOORS WHEN REQUIRED (DESIGN TO BE DEVELOPED)
- J. RETRACTABLE SLIDING SCREENS TO STALLS BAR

OTHER WORKS NOT HIGHLIGHTED (TBC):

- REPAIR WORKS TO DAMAGED FRETWORK TO U/S OF CIRCLE
- WORKS RELATED TO STAGE/ BACK OF HOUSE
- ACCESS BETWEEN MAIN LOBBY AND STAGE DOOR ENTRANCE (UNDER REVIEW)
- CHANGES TO STAGE DOOR OPERATION TO REDUCE CLOSER MOTOR OPERATION
- NEW BRASS COUNTER TO COVER CAFE COUNTER GATE

CDM KEY

- CDM 000 REFER TO 16005_CDM HAZARD AWARENESS & RISK MANAGEMENT REGISTER
- CAUTION OF A SIGNIFICANT DESIGN RISK AND SITE HAZARD
- FURTHER INFORMATION REQUIRED
- DESIGN RISK TOLERABLE
- FURTHER CONSIDERATION REQUIRED
- DESIGN RISK NOT TOLERABLE
- ACCESS

DEMOLITION KEY

- EXTENT OF PHASE OF WORKS 'ACT III'
- EXISTING WALL DEMOLITION
- EXISTING DOOR/WINDOW/FLOOR/STEP/FURNITURE DEMOLITION
- REPLACEMENT LIFT CAGE - REFER TO SUB-CONTRACTORS INFORMATION
- EXISTING CEILING DEMOLITION

FOR SPECIFICATION REFER TO NBS: C10 / XXX

REV	DATE	COMMENT
A	10/03/17	Preliminary Issue
B	XX/03/17	XX

NOTE

- Do not scale from this drawing, other than for Planning purposes.
- All dimensions to be checked on site by the contractor and such dimensions to be his responsibility.
- Report all drawing errors, omissions and discrepancies to the architect.
- This document may be issued in an uncontrolled CAD format to enable others to use it as background information to make alterations and/or additions. In that instance the file will be accompanied by a PDF version. It is for those making such alterations and additions to ensure that they make use of current background information. AHMM Ltd accepts no liability for any such alterations or additions to the background information or arising out of changes to background information which occur prior to alterations or additions being made.

LOCATION

ALLFORD HALL MONAGHAN MORRIS
ARCHITECTS Ltd
MORELANDS, 8-23 OLD STREET LONDON EC1V 9HL
TEL 020 7251 5261 FAX 020 7251 5123 WEB WWW.AHMM.CO.UK

Job title: ROYAL COURT THEATRE ACT III

Drawing title / location: PROPOSED GROUND FLOOR PLAN
CDM

drawn by	checked	scale	status
SG	DW	1:100@A1; 1:200@A3	INFORMATION

project	zone	source	classification	drawing no.	revision
16005	3	A	[64]	110	B

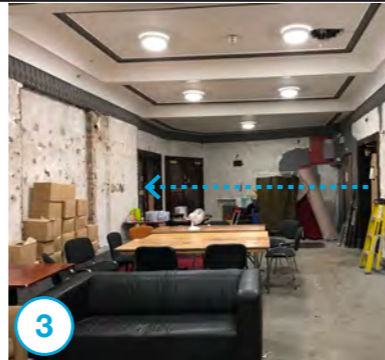
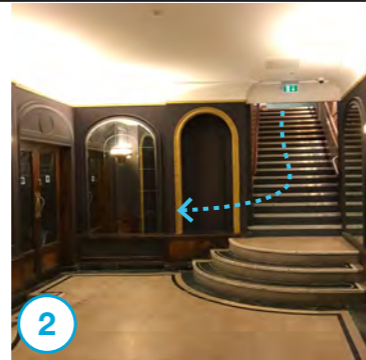
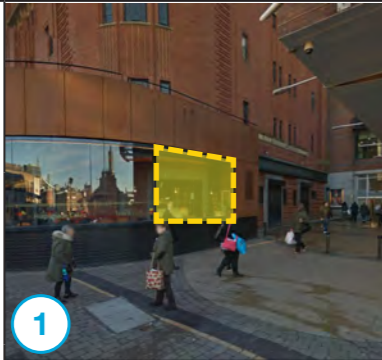
Generic Risks:

- Asbestos present - refer to asbestos survey report
- Confined spaces
- Airborne fibres & materials - sillicosis
- Transportation of materials - musculoskeletal
- Working at height

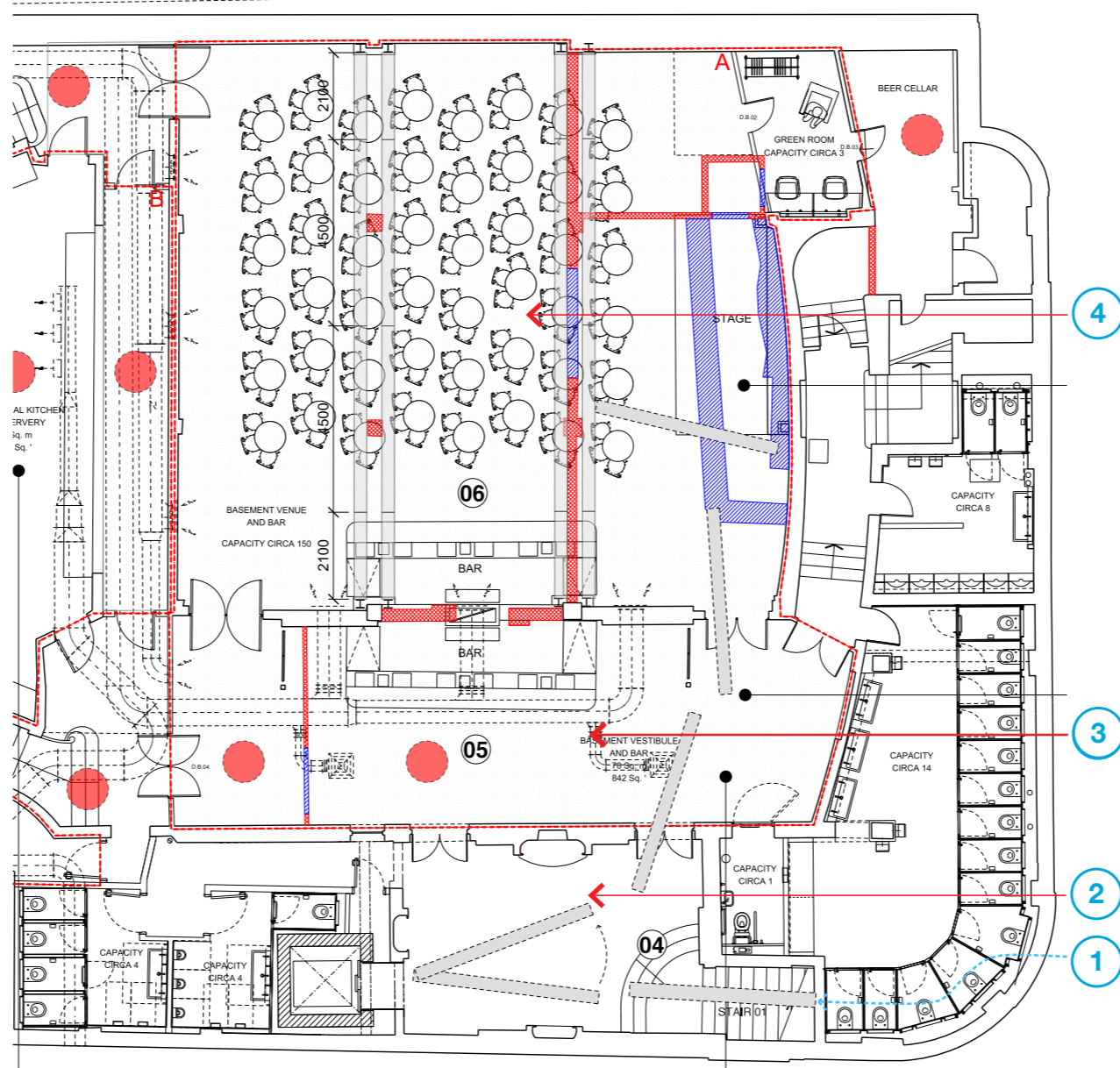
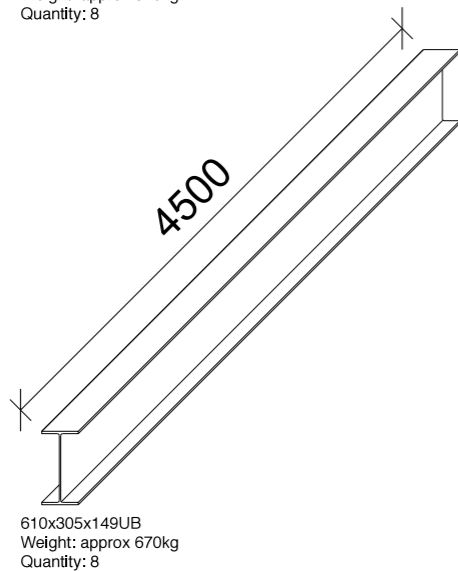
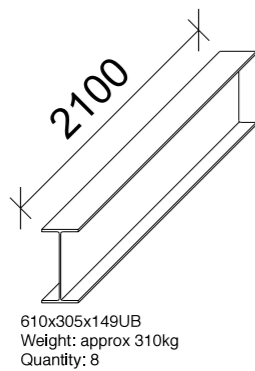
Project & No: 16005 - Royal Court Theatre Act III		Workstage - 4		Revision: Rev A Date: XX/04/2017		
AREA, ELEMENT, or SIGNIFICANT RISK ISSUE	BUILDING FORM, MATERIAL, ACTIVITY, LOCATION HAZARDS (Identified)	ELIMINATE or AVOID risks (SFARP) During early design stages	REDUCE risks (ALARP) Safe systems & work protection	INFORMATION To be provided with the design eg. Specialist Design & Client input	DESIGN CONTROL METHODS Action, Dates, Comments, Guidance, etc	ACTIONS
						Done
						On Going
						Not Agreed

CDM B.07 - Installation of new steels in the Queen Mary Room.

Basement, Queen Mary Room



1	Glazing to be removed in the cafe, facing St Johns shopping centre entrance. Need to investigate best time to do this - will entrance need to be temporarily shut?	RCT / MOD / THOM / AHMM
2	Steels to be transported down the existing staircase to the basement. The structural integrity of this stair will need to be checked to ensure they can take the load of each steel before commencing works on site.	RCT / MOD / THOM / AHMM
3	Steels transported through vestibule area. Doors will need to be propped open / temporarily removed during this phase of works.	RCT / MOD / THOM / AHMM
4	Spliced steels arrive in their final destination, the Queen Mary Room. How will they be lifted into place? Machinery may need to follow same route down / utilise the lift dependant on dimensions.	RCT / MOD / THOM / AHMM



DESIGN TEAM STATUS			
Client	RCT	Architect	AHMM
QS / PM	Modero	Structural / PH	Thomasons
M&E Services	Steven Hunt & Associates	Client H&S Advisor	Innov8
Principal Contractor	-		









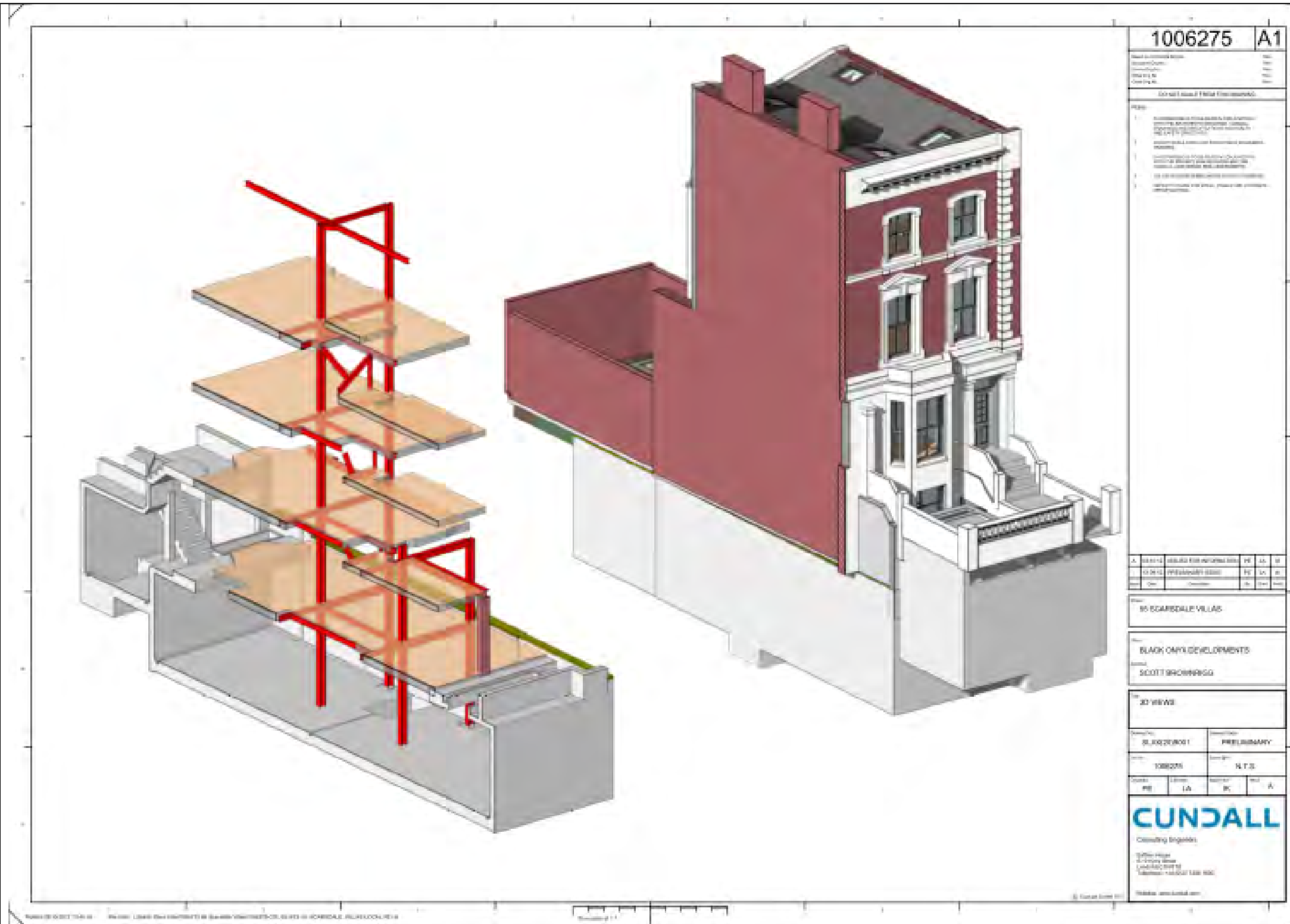






Designer CDM Options Matrix - Hazard Identification and Significant Risk Management					ALL SIGNIFICANT RISKS		
Project & No:-	55 Scarsdale Villas	15033	Work Stage :-	D/F	Revision & Date:	2nd Issue	Oct 23rd 2012
HAZARDS and SIGNIFICANT RISKS	BUILDING FORM, MATERIAL, , ACTIVITY, LOCATION	ELIMINATE or AVOID risks (During early design stages) SFARP	REDUCE or MINIMIZE risks ALARP by :- (During all design stages) Safe systems of work & protection >		INFORMATION To be provided with the design eg Specialist Design & client input	CONTROL METHODS Contractor or Client Manage - ment Systems	ACTIONS & DATES and OTHER SPECIALIST GUIDANCE & COMMENTS Eg. References

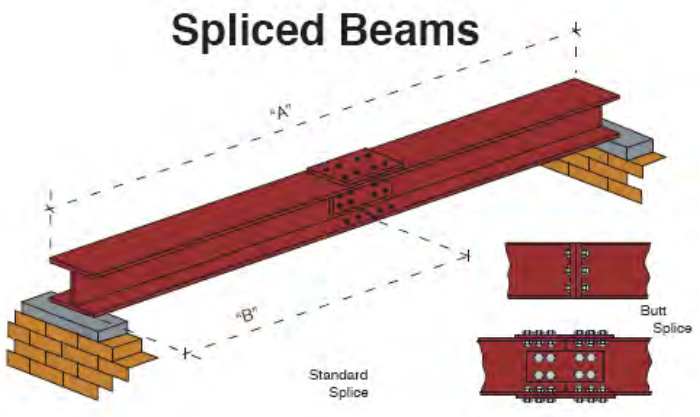

2.0- EXISTING BUILDING TO BE ANALYSED FOR STRUCTURAL STABILITY DURING DEMOLITION AND RE-CONSTRUCTION



2.1- Temporary works coordination role to be clarified and appointed by client for façade and external fabric retention during demolition and reconstruction phases. If subcontractor to provide method statements structural engineer or 3rd party engineering company to review recommendations.

New Basement Structure
New Floors
New Steel support structure
Party Wall Structural Works

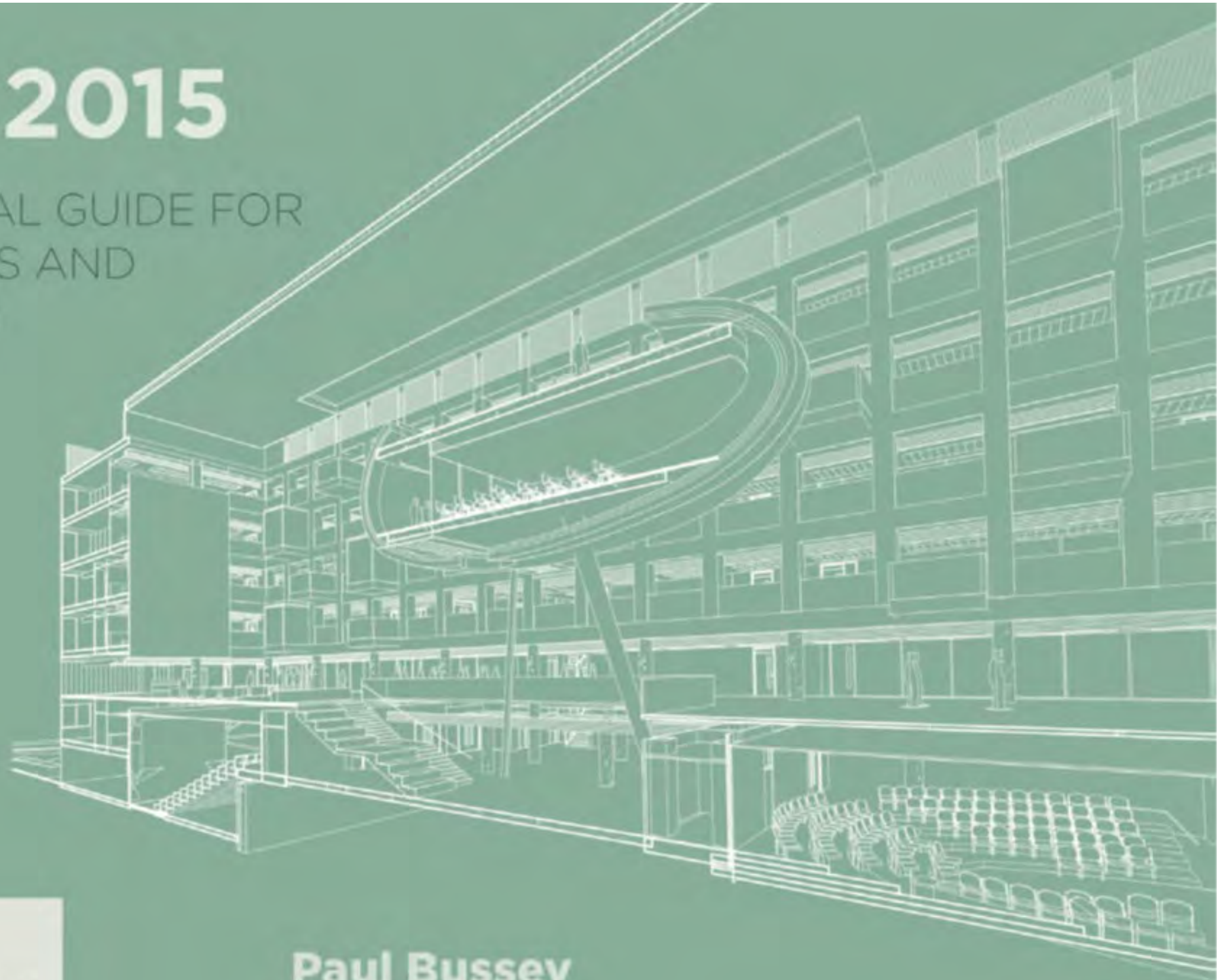
Team Sign -off status	Client	Black Onyx Ltd	Architect	Scott Brownrigg	Struct. Eng	CUNDALL	Services Eng	Borgh- CBC	P. Contractor	TBC
Others	Dev..		CDM-C	Scott Brownrigg	Landscape		Cost Consultant	Quantem		

Designer CDM Options Matrix - Hazard Identification and Significant Risk Management						ALL SIGNIFICANT RISKS			
Project & No:-	55 Scarsdale Villas		15033	Work Stage :-	D/F	Revision & Date:	2nd Issue	Oct 23 rd 2012	
HAZARDS and SIGNIFICANT RISKS	BUILDING FORM, MATERIAL, , ACTIVITY, LOCATION	ELIMINATE or AVOID risks (During early design stages) SFARP	REDUCE or MINIMIZE risks ALARP by :- (During all design stages) Safe systems of work & protection >			INFORMATION To be provided with the design eg Specialist Design & client input	CONTROL METHODS Contractor or Client Manage - ment Systems	ACTIONS & DATES and OTHER SPECIALIST GUIDANCE & COMMENTS Eg. References	
5.10 LARGE, LONG AND HEAVY STEEL STRUCTURAL BEAMS	Avoidance of musculoskeletal injuries to operatives					Minimise length and weight of steel beams for installation at high level, especially where heavy lifting cranes or telehandlers cannot access eg rear elevation to garden. Lifting aides and spliced beams to be used		 <p>5.10 Manual handling to be minimised and safe systems of work implemented. CONTRACTOR to advise team of Safe System of Working adopted.</p>	
6.0 SURROUNDING ENVIRONMENT	Not aware of any other issues								
6.1 OTHER FACTORS TO CONSIDER	Not aware of any other issues								

Team Sign -off status	Client	Black Onyx Ltd	Architect	Scott Brownrigg	Struct. Eng	CUNDALL	Services Eng	Borgh- CBC	P. Contractor	TBC
Others	Dev..		CDM-C	Scott Brownrigg	Landscape		Cost Consultant	Quantem		

CDM 2015

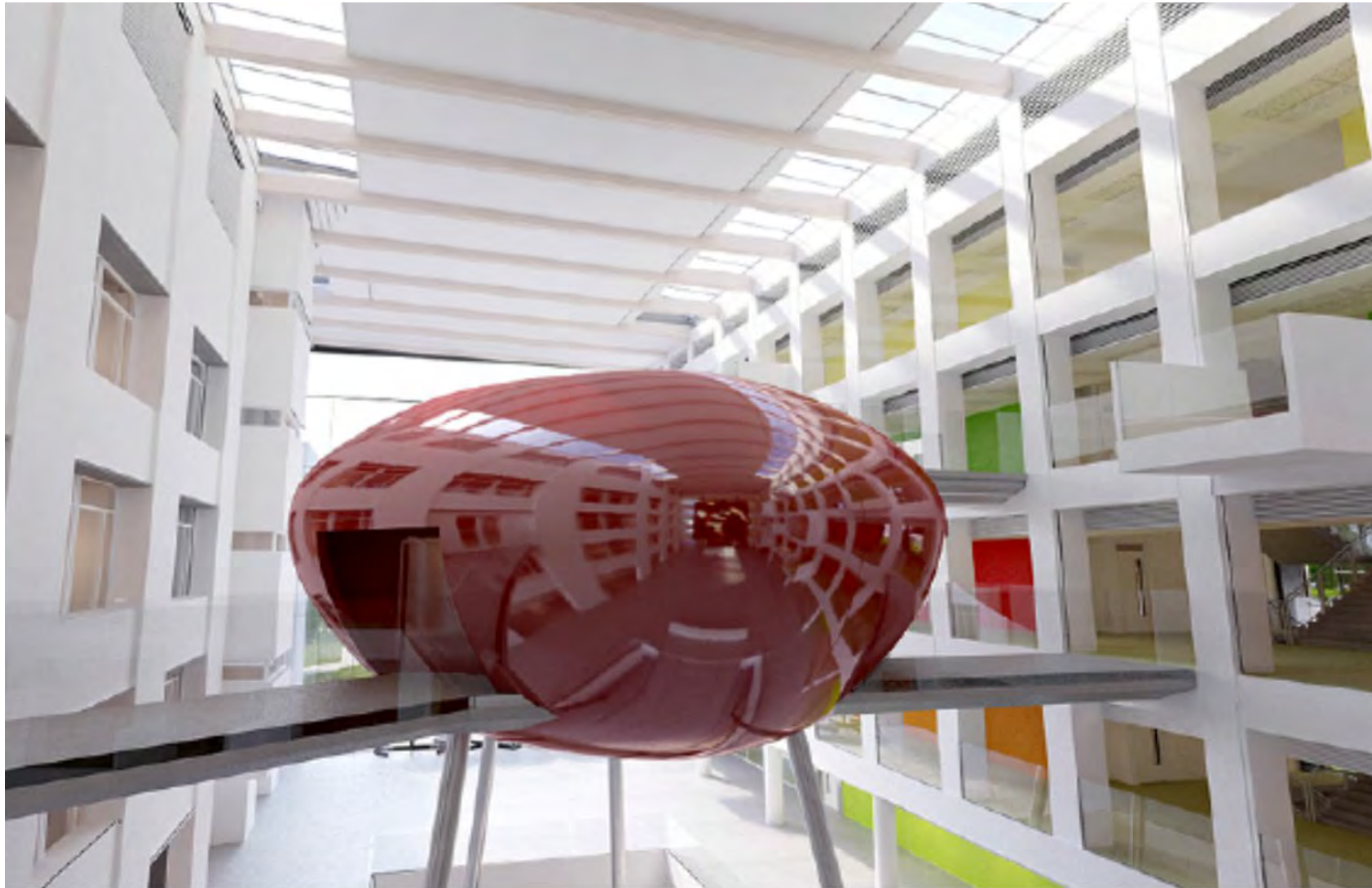
A PRACTICAL GUIDE FOR
ARCHITECTS AND
DESIGNERS



RIBA # Publishing

Paul Bussey

Create Better & Safer Architecture



CDM DIFFERENTLY

Paul Bussey, CDM, Fire and Inclusivity Lead

AHMM Architects

RIBA, FIFireE, FIIRSM, IMaPS

PBussey@ahmm.co.uk