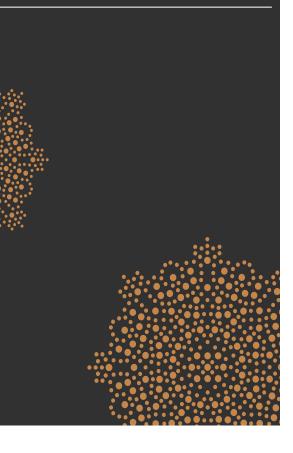
Koko Dome Reinstatement

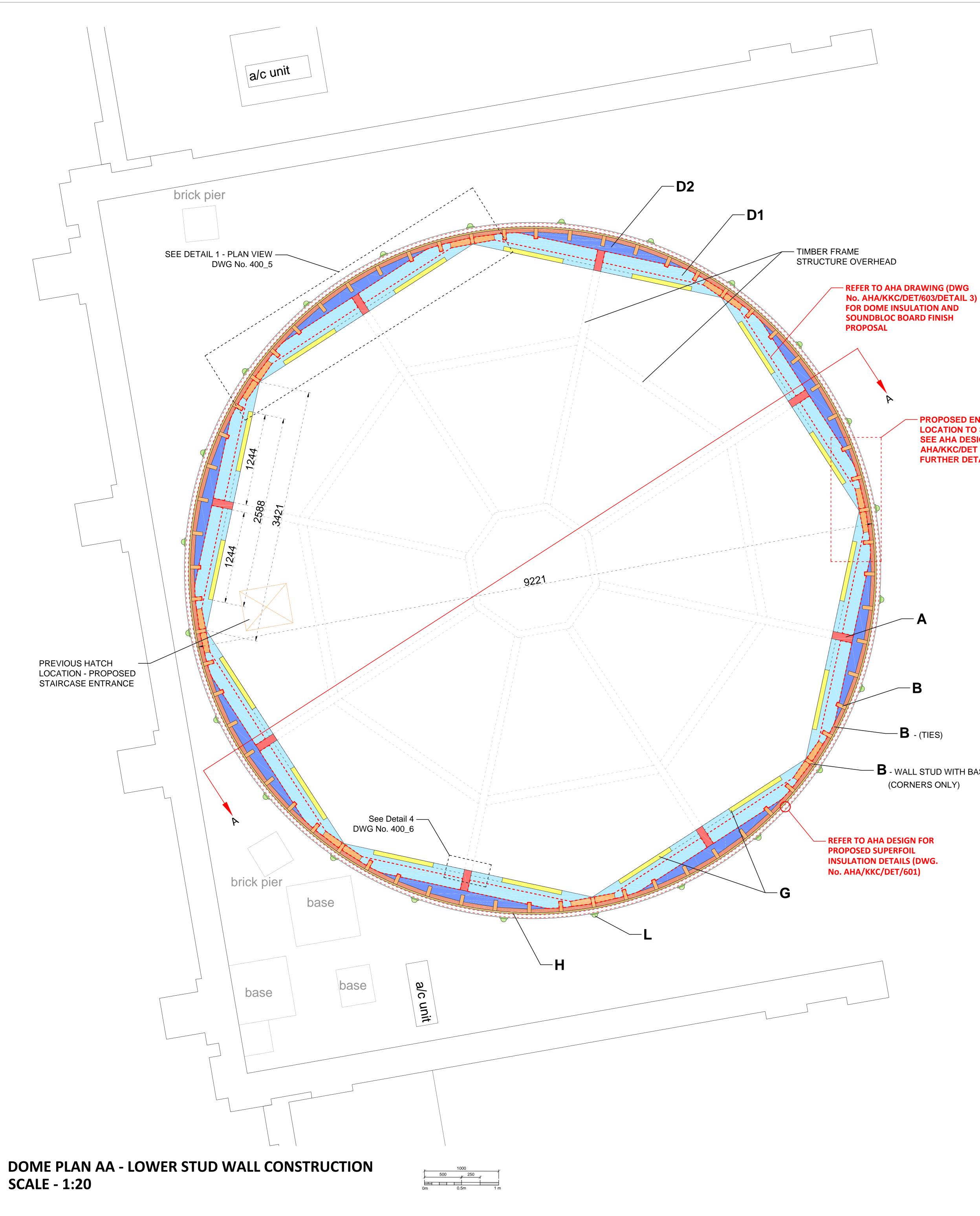
Heritage Drawings Stephen Levrant Heritage Architecture (SLHA)

Planning + Listed Building Submission June 2020

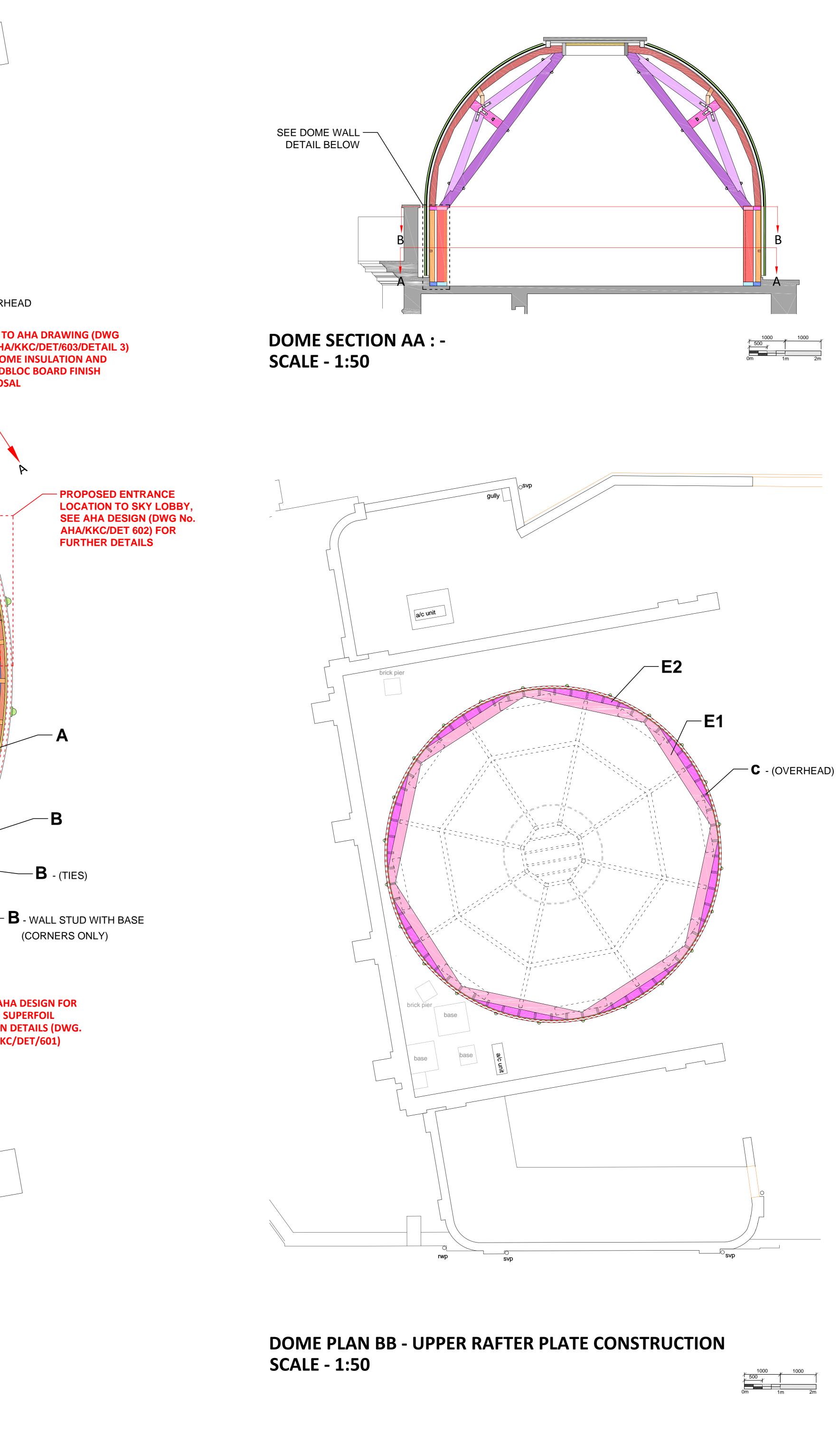
" a great space is performance in progress."

ARCHER HUMPHRYES ARCHITECTS





SCALE - 1:20

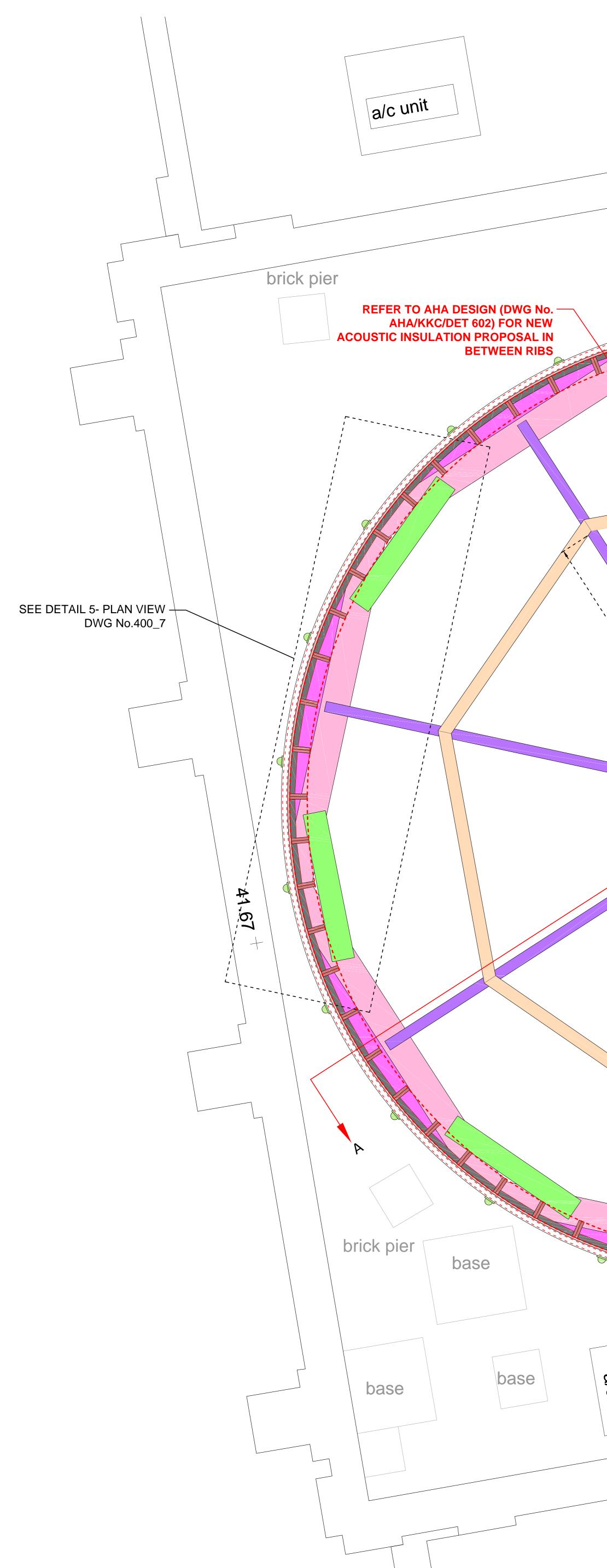


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blied by o not be he may exis vings. All	g is other eld re st. Pl dim onsis	information used to produce based on measured survey s; Heritage Architecture sponsible for any inaccuracies ease do not scale from the ensions should be verified on stencies should be reported to ect.
		ELEMENTS REFERENCE CODE: entory Report)
KEY:		NCIPAL TIMBER ELEMENT:
	Α.	MAIN SUPPORT POST
	В.	(250x100mm) WALL STUD
	2.	(155x50mm @ 440 centers)
		WALL STUD TIES
	C.	(70x50mm) 2-PART RIBS
		(170x27mm)
	D.	LOWER STUD WALL PLATE
		(280x110mm)
		D2 - OUTER PLATE
	Е.	(200x110mm) UPPER RAFTER PLATE
		E1 - INNER PLATE
		(280x100mm) E2 - OUTER PLATE
		(200x100mm)
	F.	ROOF BOARDING
	G.	(80x20mm) MAIN POST SUPPORT
	0.	BRACES
		(125x60mm)
	Н.	WALL BOARDING (260x18mm)
	I.	INNER APEX RING BEAM
	J.	(350x100mm) OUTER APEX RING BEAM
	Ј.	(180x125mm)
	К.	APEX ROOF JOISTS
	L.	(4 No. 80x45mm) TIMBER ROOF ROLLS
		(24 No. 100x100mm)
	м.	HORIZONTAL RAFTER WALL TIE
		(220x100mm)
	N.	PURLINS/STRUTS
	т.	(250x100mm/120x50mm) TRUSS (IN PLAN)
	1.	T1 - TIE BEAM
		(250x100mm)
		T2 - KING POST (250x100mm)
		T3 - PRINCIPAL RAFTERS
		(250x100mm) T4 - IRON BRACING
		elements cross-section dicated in brackets above.
Please re	efer H	HTS (structural engineer) 0. 1444; Ref No. GGS-01) for
further o	comn	o. 1444; Ref No. GGS-01) for nents on connection details. All cations have been identified on

- for further details on acoustics insulation, DPM and copper cladding. All detail to be finalised by AHA and have been identified Tinalised by AHA and have been identified on the drawings in red.
 3. All structural timbers to be air-dried European redwood (timber for F - Roof boarding, H- Wall Boarding and L - Timber Roof Rolls to be agreed with SLHA and AHA) to match like for like Dome reinstatement.
 Clearmatt intumescent coating will be
- 4. Clearmatt intumescent coating will be Clearmatt intumescent coating will be applied to the exposed timbers only.
 All dimensions correspond to the existing dome surveys, SLHA'S post-fire measured survey notes and report (*KOKO: Dome Historic Timber Structure - Post-fire Inventory Report*). Details to be finalised with the structurel engineer (UTC) input.
- with the structural engineer (HTS) input; further design development by the appointed timber specialist contractor. Some historical details may need to be adapted to fit AHA proposed scheme for the dome (in terms of thermal/acoustic insulation, air conditioning/ventilation; interior finishes/fittings). AHA to provide the

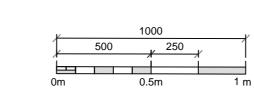
following details and locations.

JOB TITLE			
KOKO			
Camden			
DRAWING TIT	ΓLE		
Dome Ti	mber Frame	Constru	uction: -
Wall Cor	nstruction		
JOB No	DWG No	REV	DATE
x0936	400_1	А	05/20
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	STEPHEN LE	VRANT	
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	ACE	10	
	ARC	HILL	
E	62 British Grove, Lo E-mail: info@heritage		
	T: 020 8748	5501	



DOME PLAN CC - TIMBER FRAME ROOF CONSTRUCTION (2-PART RIBS OVERHEAD SHOWN ON THE RIGHT) SCALE - 1:20

E2 C - (TIES) <u>6</u>01 1534-----**K**— SEE DETAIL 7 — DWG No. 400_8 L _ _ _ _ . DWG No. 400_7 - REFER TO AHA DESIGN for SUPERFOIL INSULATION DETAILS (DWG. No. AHA/KKC/DET/601) C unit



- SEE DETAIL 5 - SECTION VIEW

(HTS - Job No:1444 - Ref: GGS-01) LAP IN WALL PLATE

- REFER TO SE DETAIL No. 2

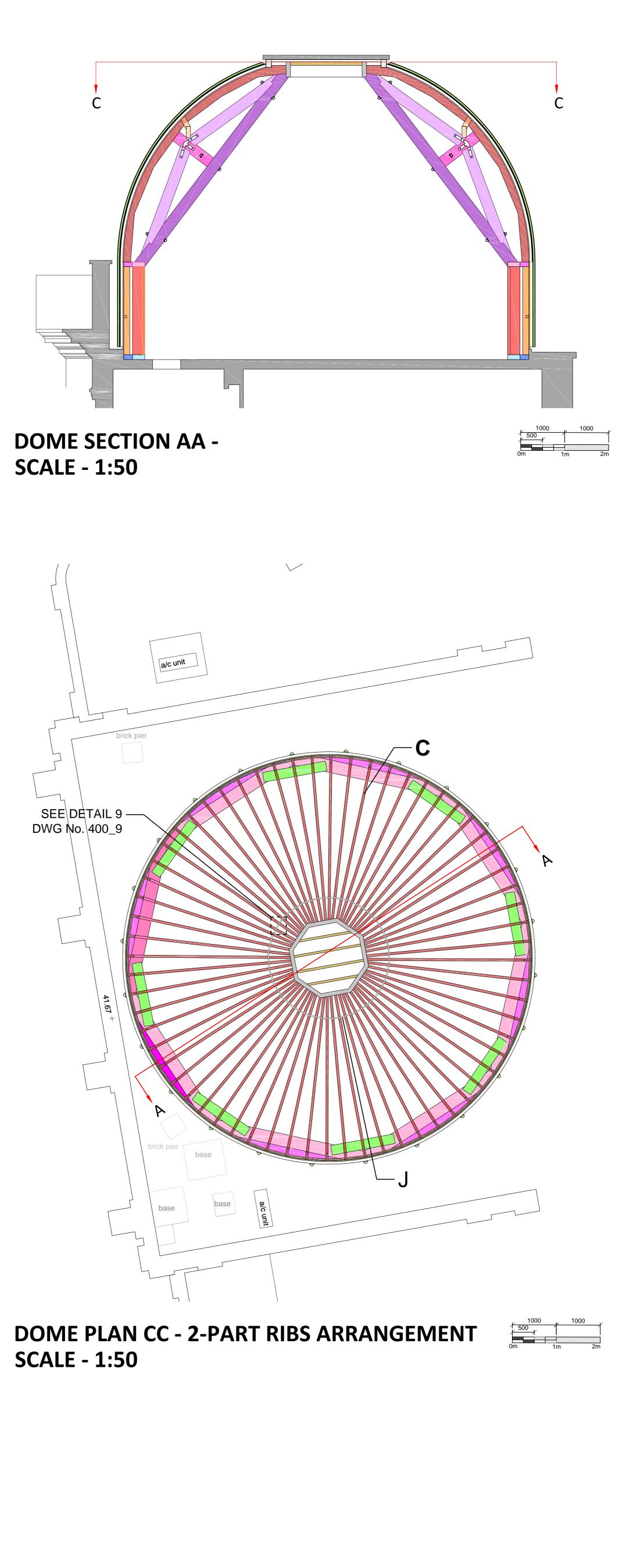
FURTHER DETAILS

- PROPOSED ENTRANCE LOCATION TO SKY LOBBY, SEE AHA DESIGN (DWG No. AHA/KKC/GA 600-01) FOR





DOME SECTION AA -SCALE - 1:50



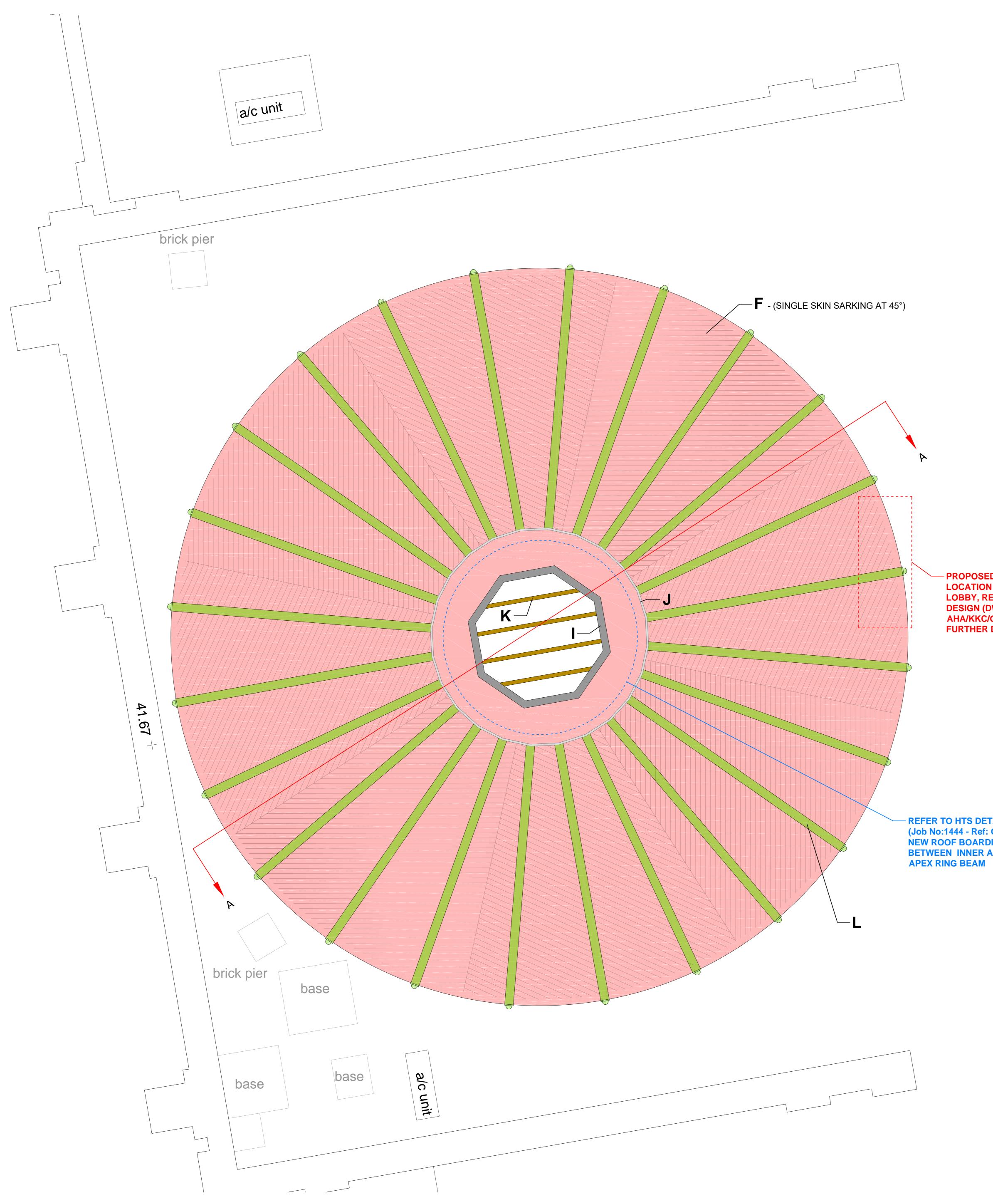
SCALE - 1:50



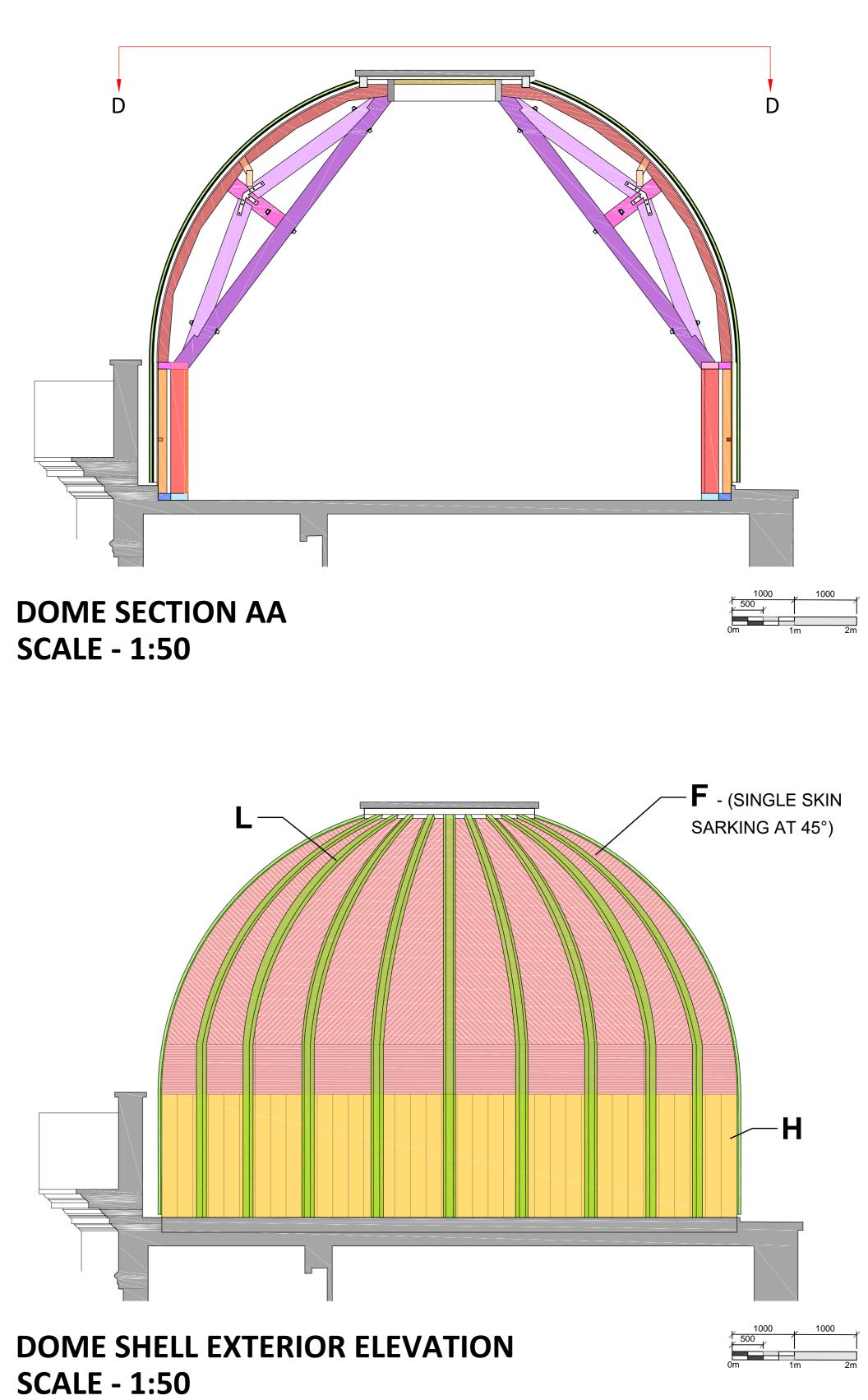
- the drawings in blue.Please refer AHA (lead architects) drawings for further details on acoustics insulation, DPM and copper cladding. All detail to be finalised by AHA and have been identified
- on the drawings in <mark>red</mark>. 3. All structural timbers to be air-dried European redwood (timber for F - Roof boarding, H- Wall Boarding and L - Timber Roof Rolls to be agreed with SLHA and AHA) to match like for like Dome reinstatement.
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following details and locations.

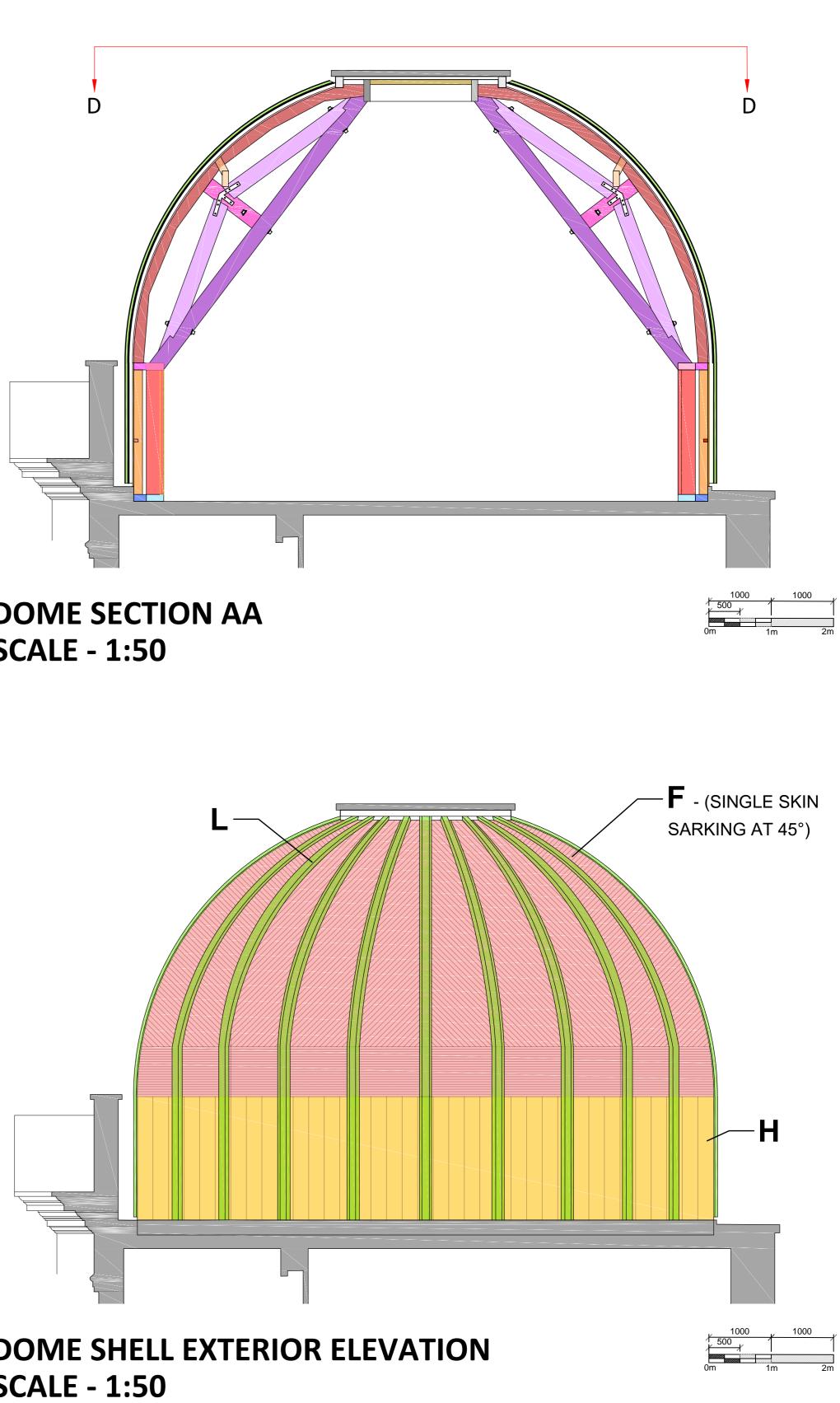




DOME PLAN DD - TIMBER FRAME SHELL CONSTRUCTION SCALE - 1:20



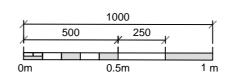
DOME SECTION AA SCALE - 1:50



SCALE - 1:50

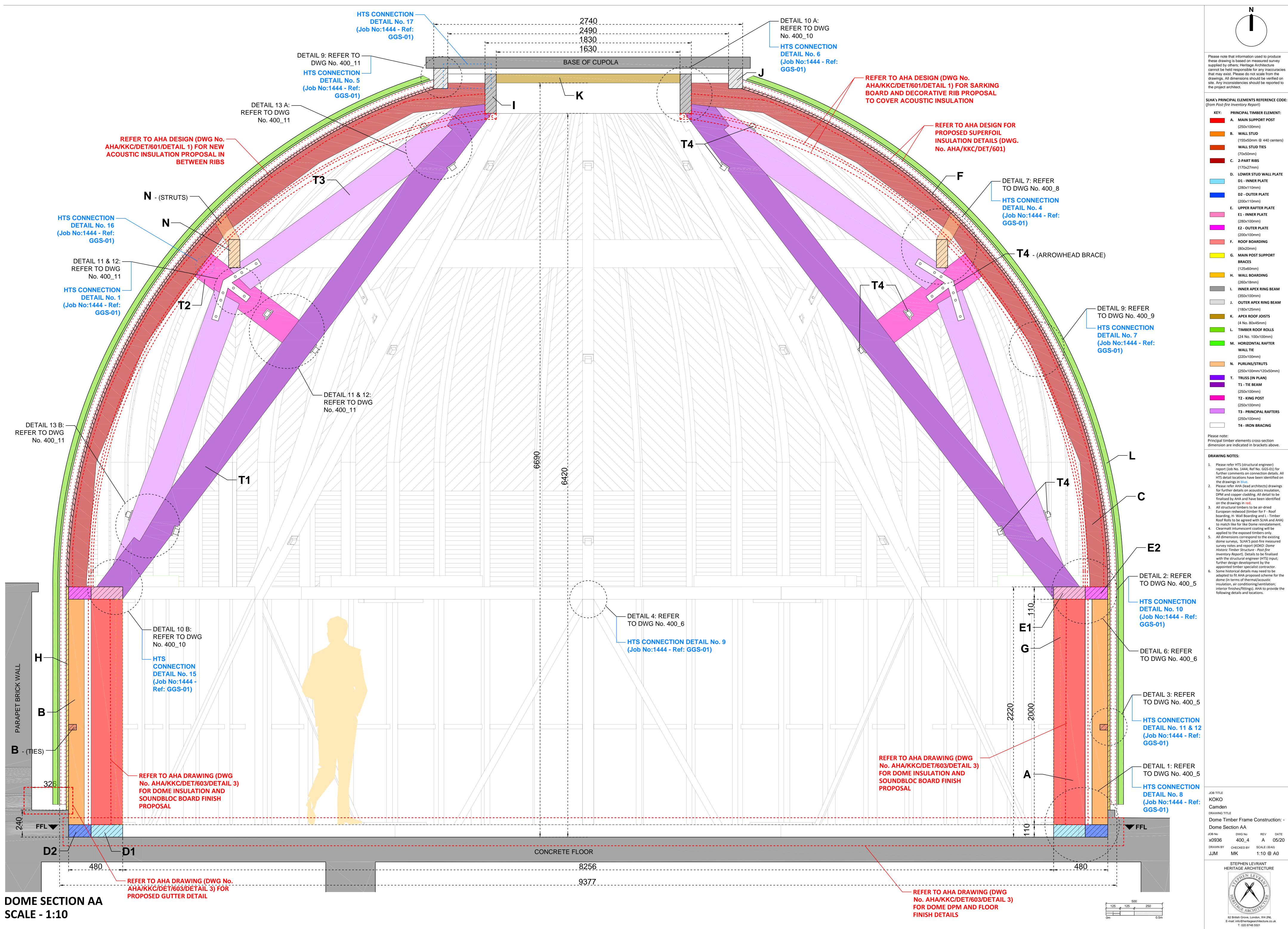
- PROPOSED ENTRANCE LOCATION TO SKY LOBBY, REFER TO AHA **DESIGN (DWG No.** AHA/KKC/GA 600-01) FOR FURTHER DETAILS

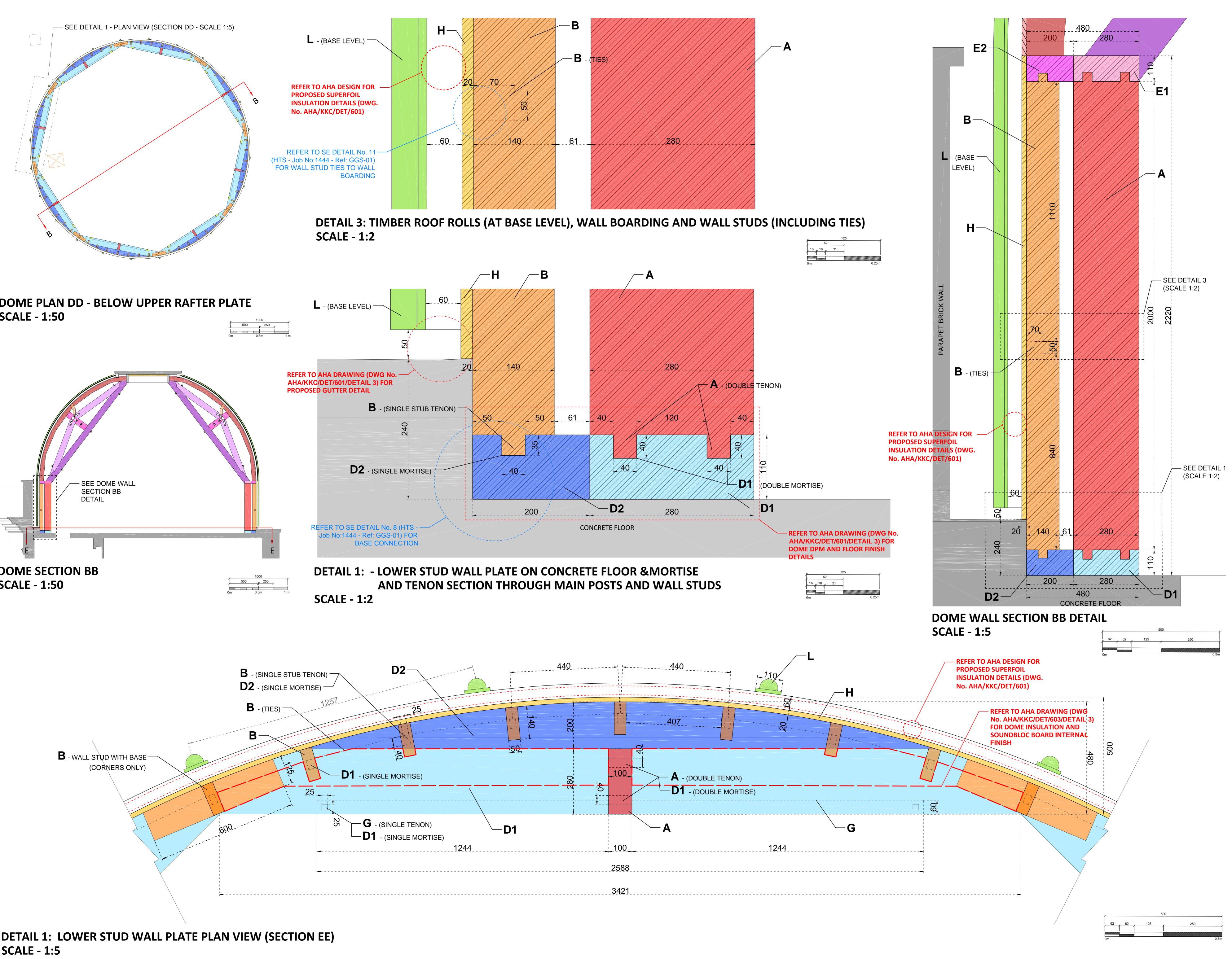
- REFER TO HTS DETAIL No. 17 (Job No:1444 - Ref: GGS-01) FOR **NEW ROOF BOARDING BETWEEN INNER AND OUTER**

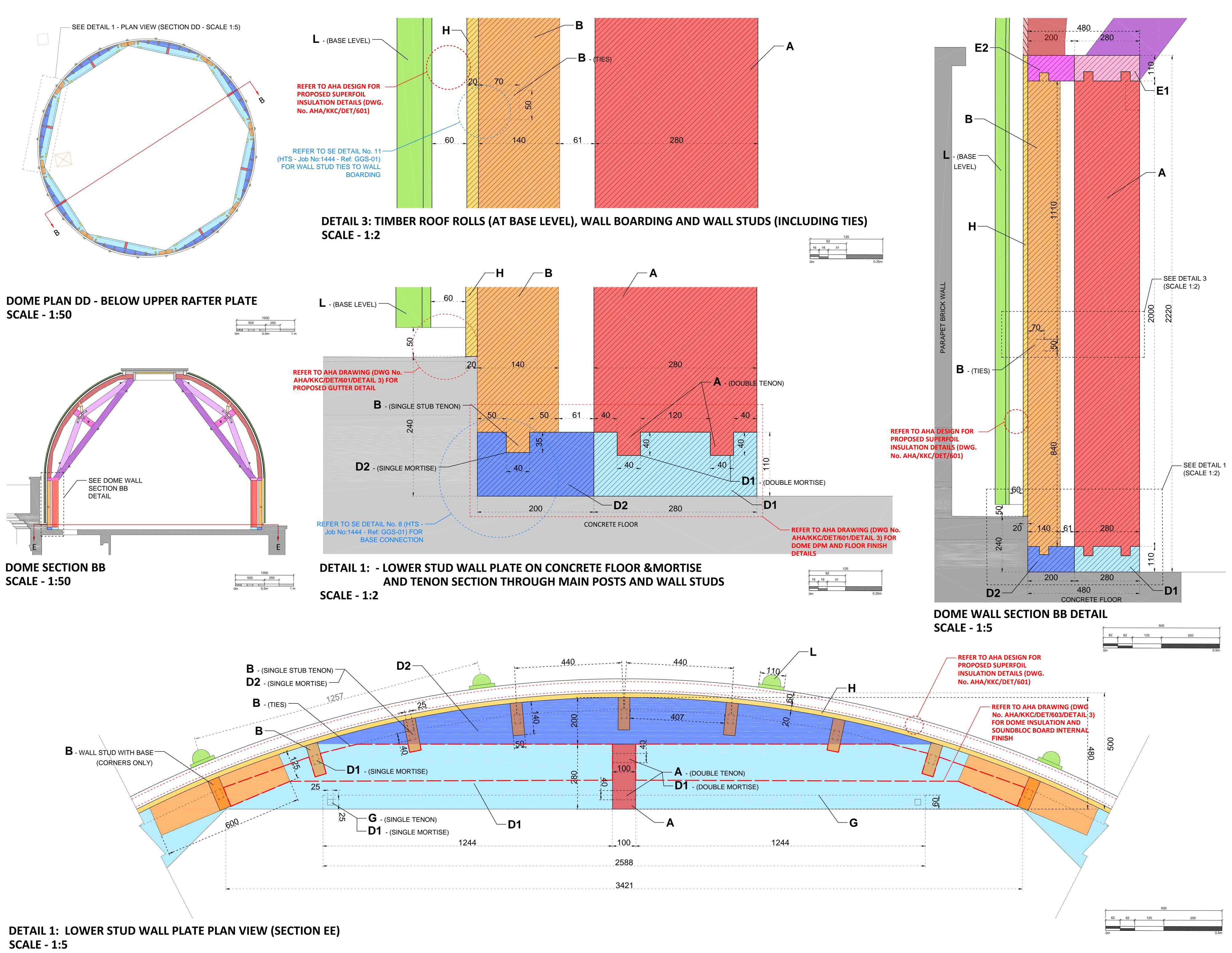


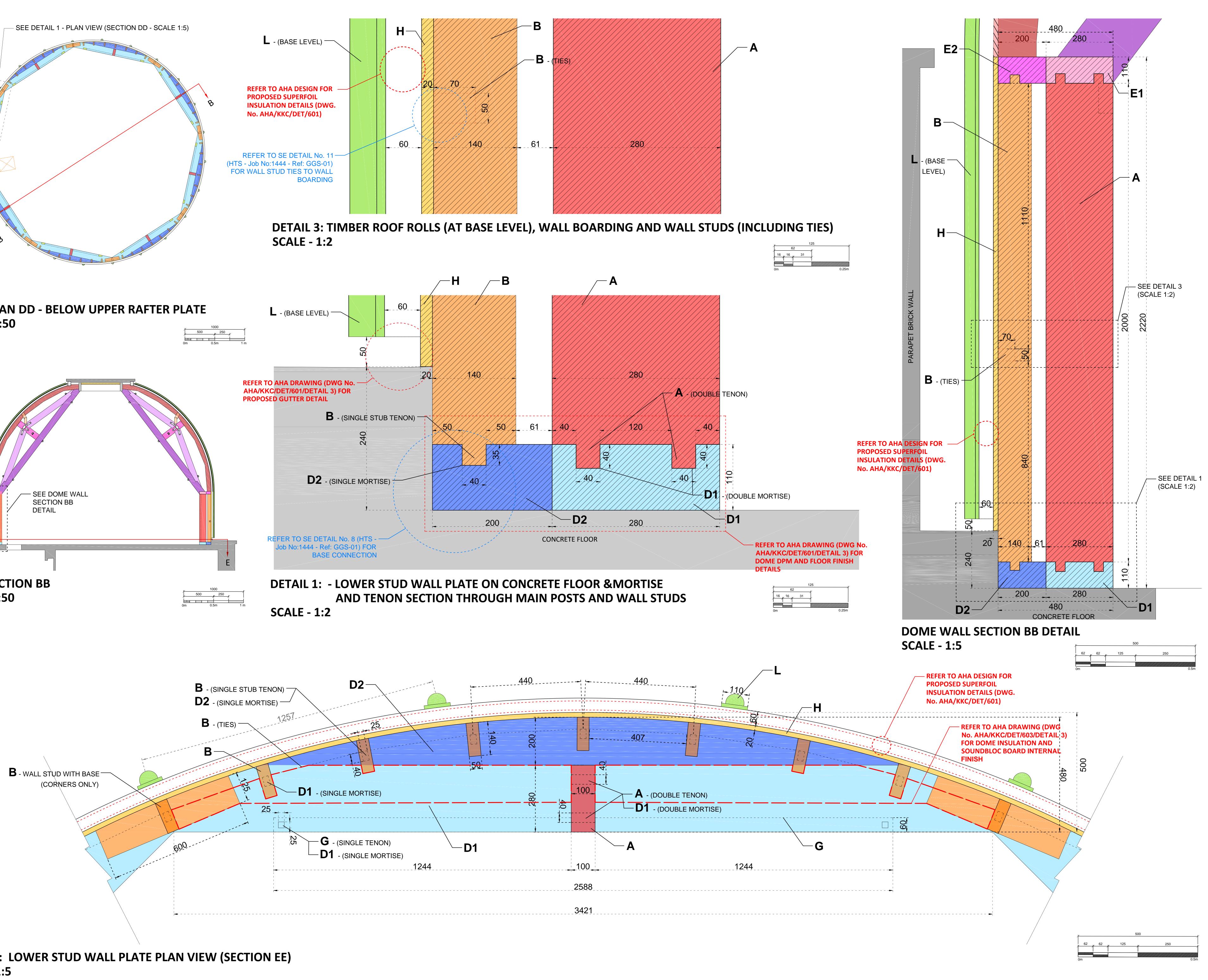


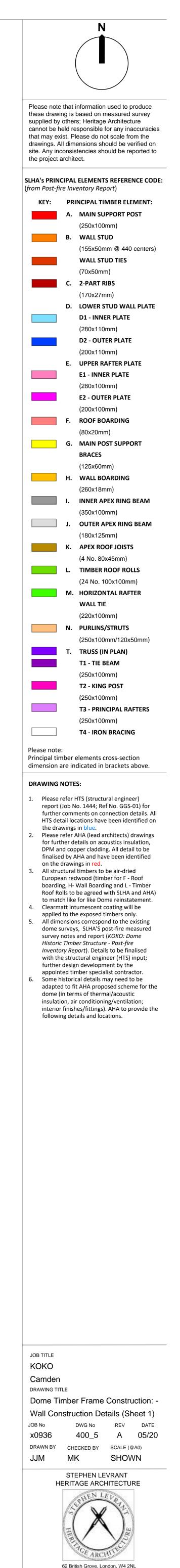
JOB TITLE			
KOKO			
Camden			
DRAWING TIT	ΓLE		
Dome Ti	mber Frame	Constru	uction: -
Shell Co	nstruction		
JOB No	DWG No	REV	DATE
x0936	400_3	А	05/20
DRAWN BY	CHECKED BY	SCALE (@	@A0)
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	STEPHEN LE	VRANT	
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F	62 British Grove, Lo -mail: info@heritage		
-	T: 020 8748		



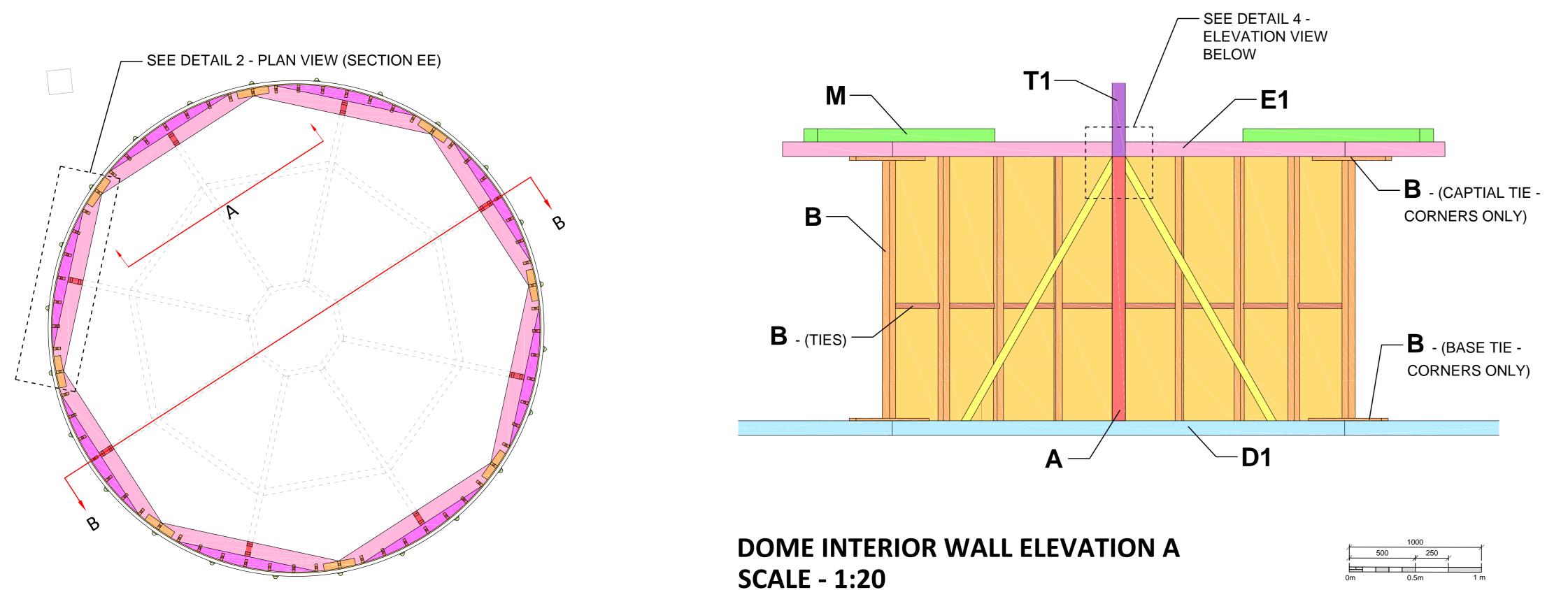


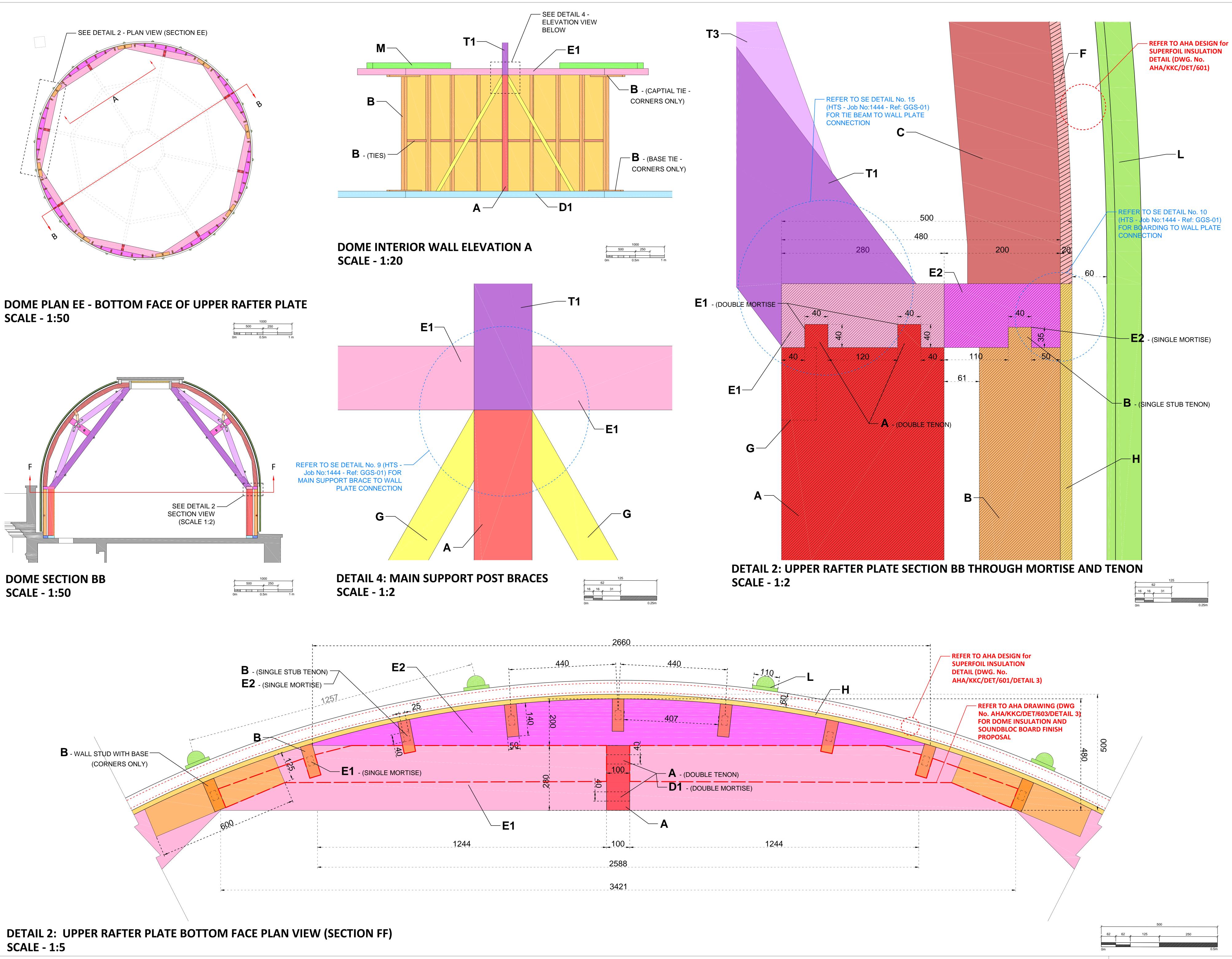


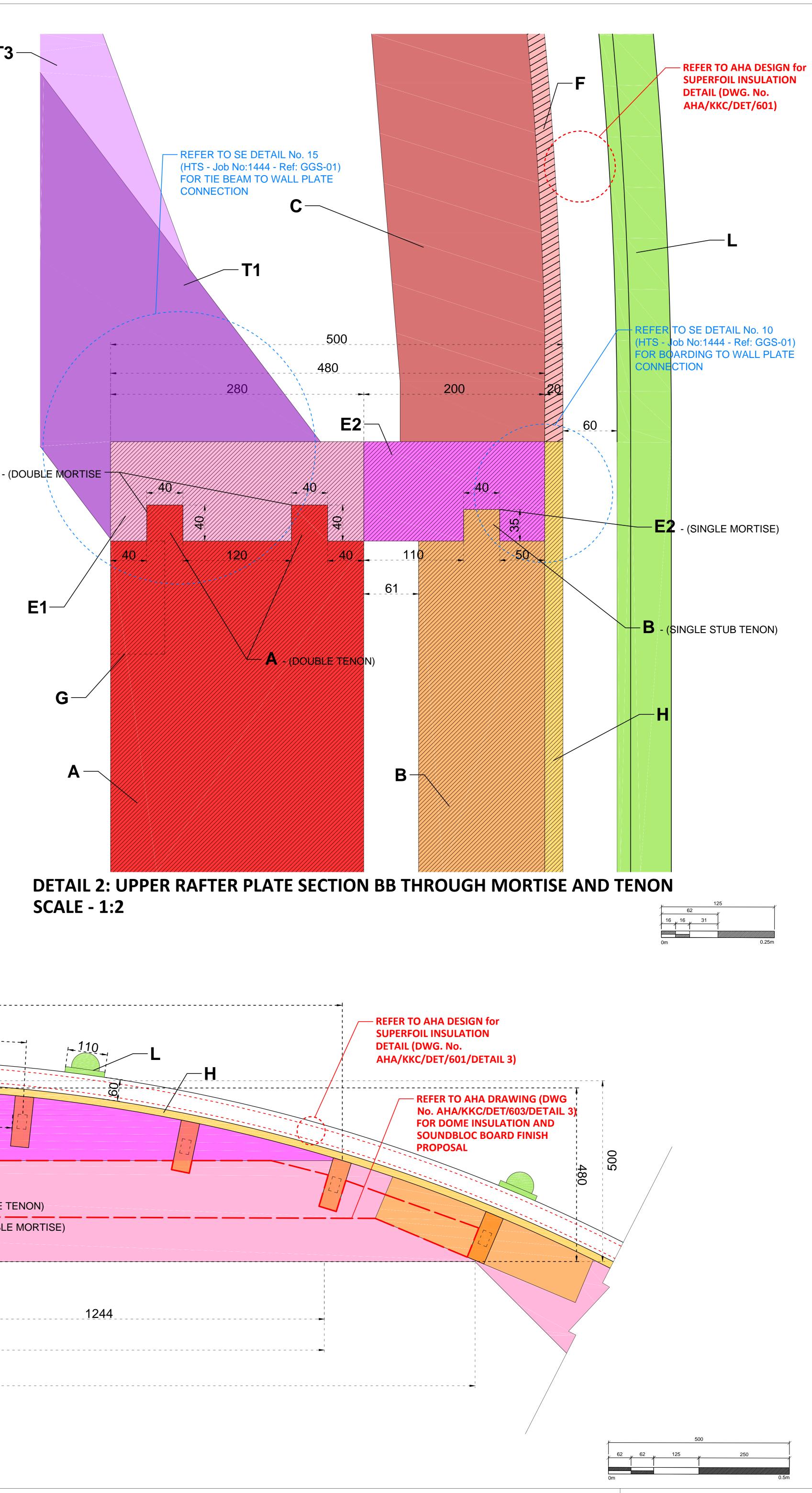


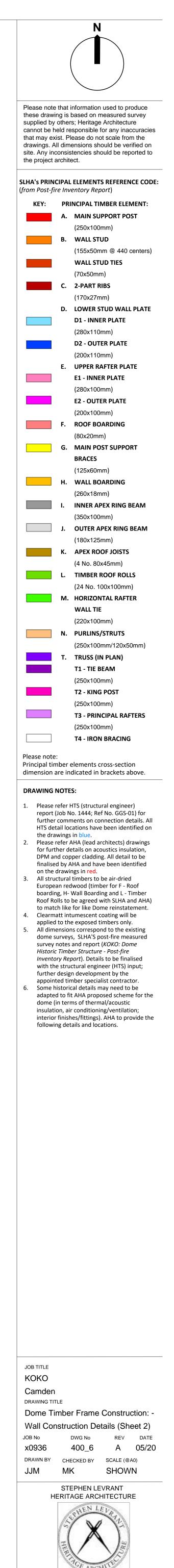


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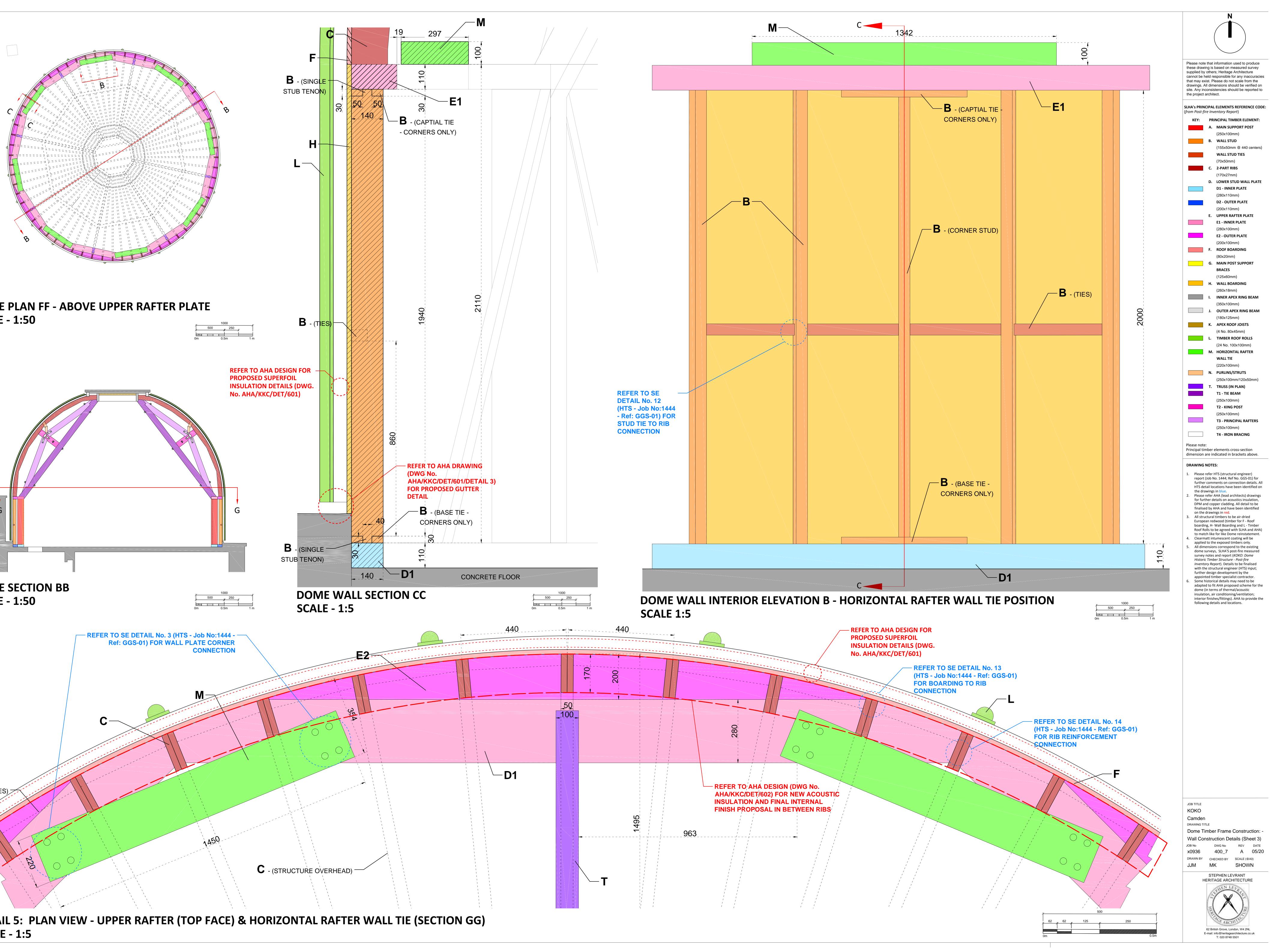




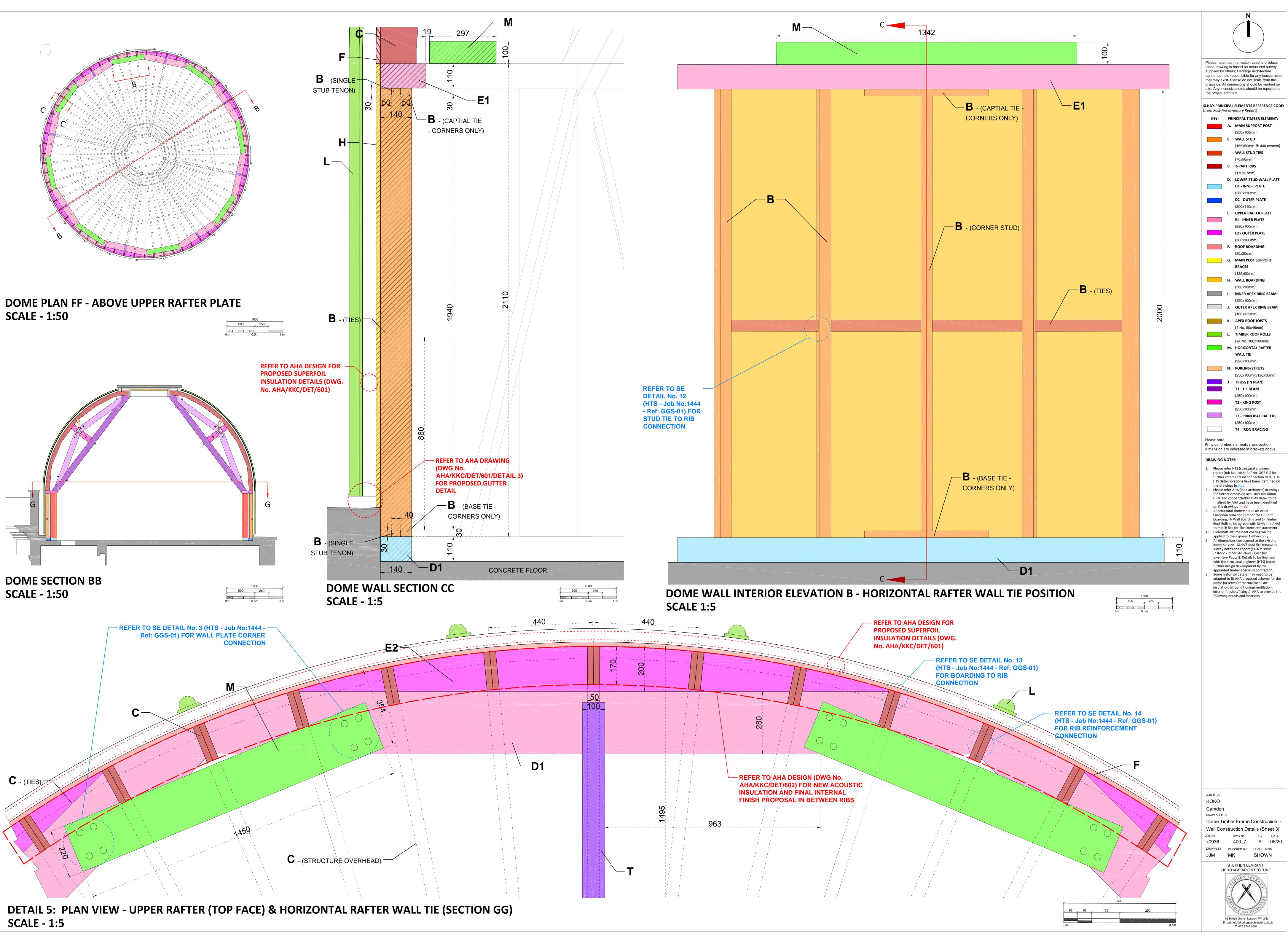


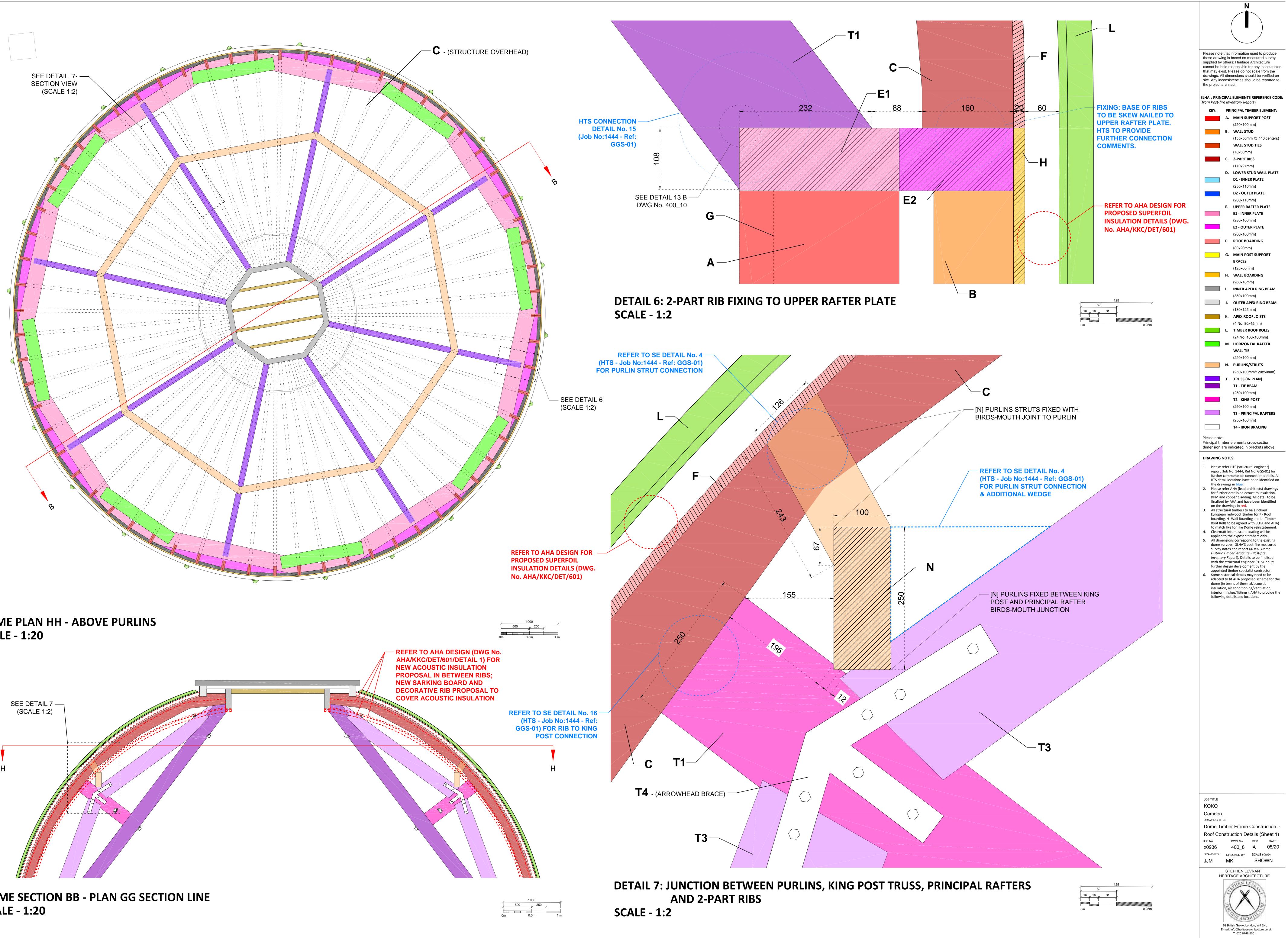
62 British Grove, London, W4 2N

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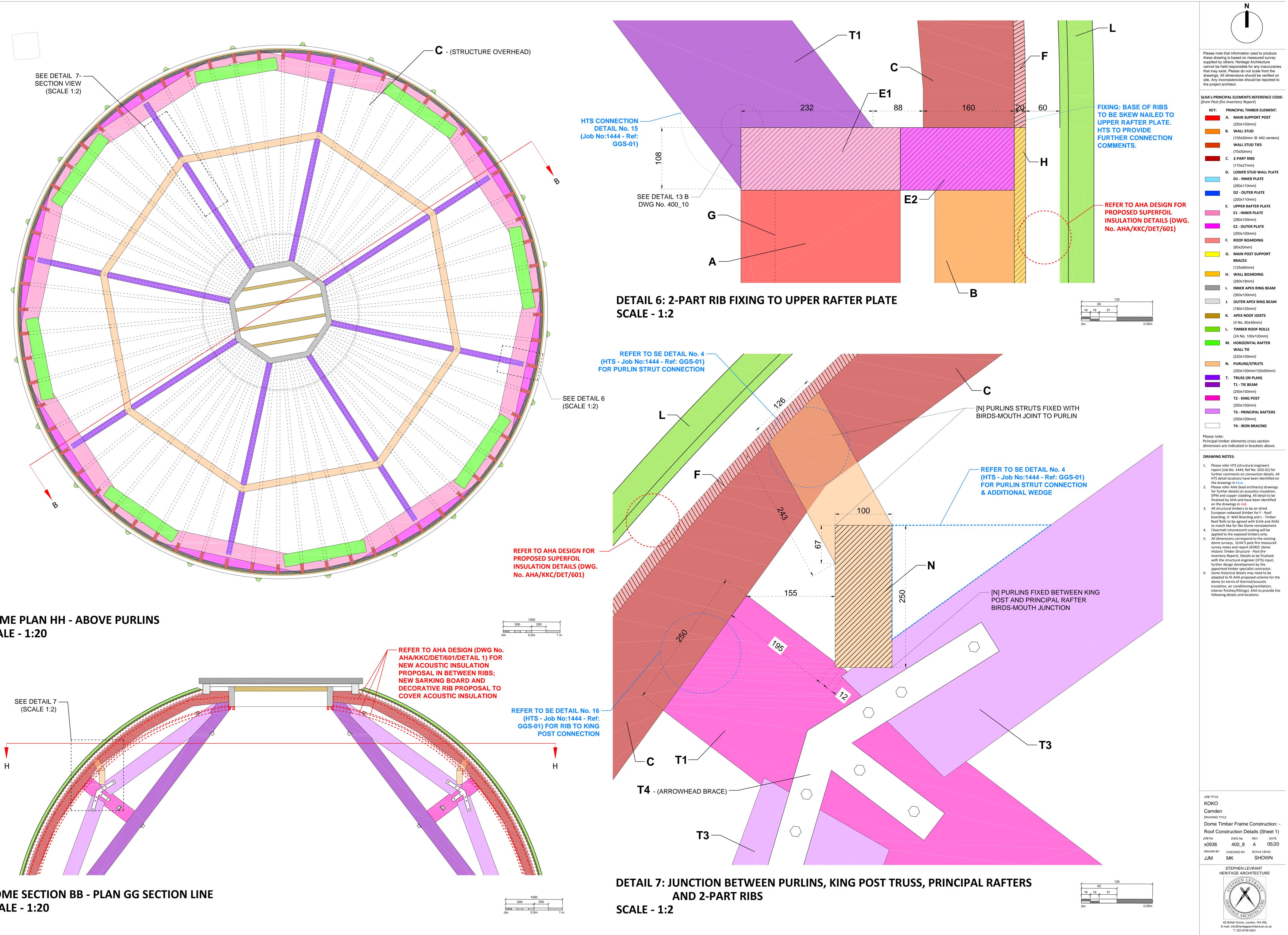


DOME PLAN FF - ABOVE UPPER RAFTER PLATE **SCALE - 1:50**

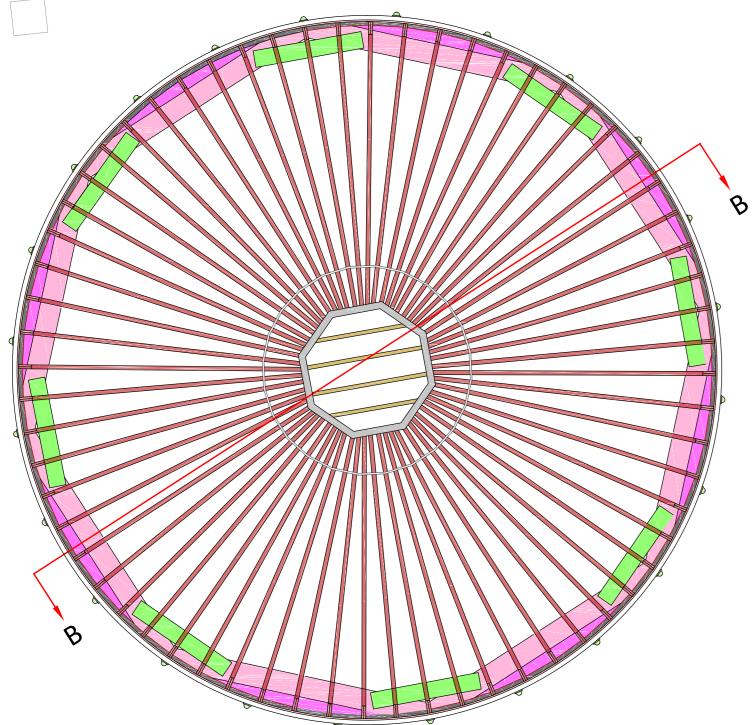


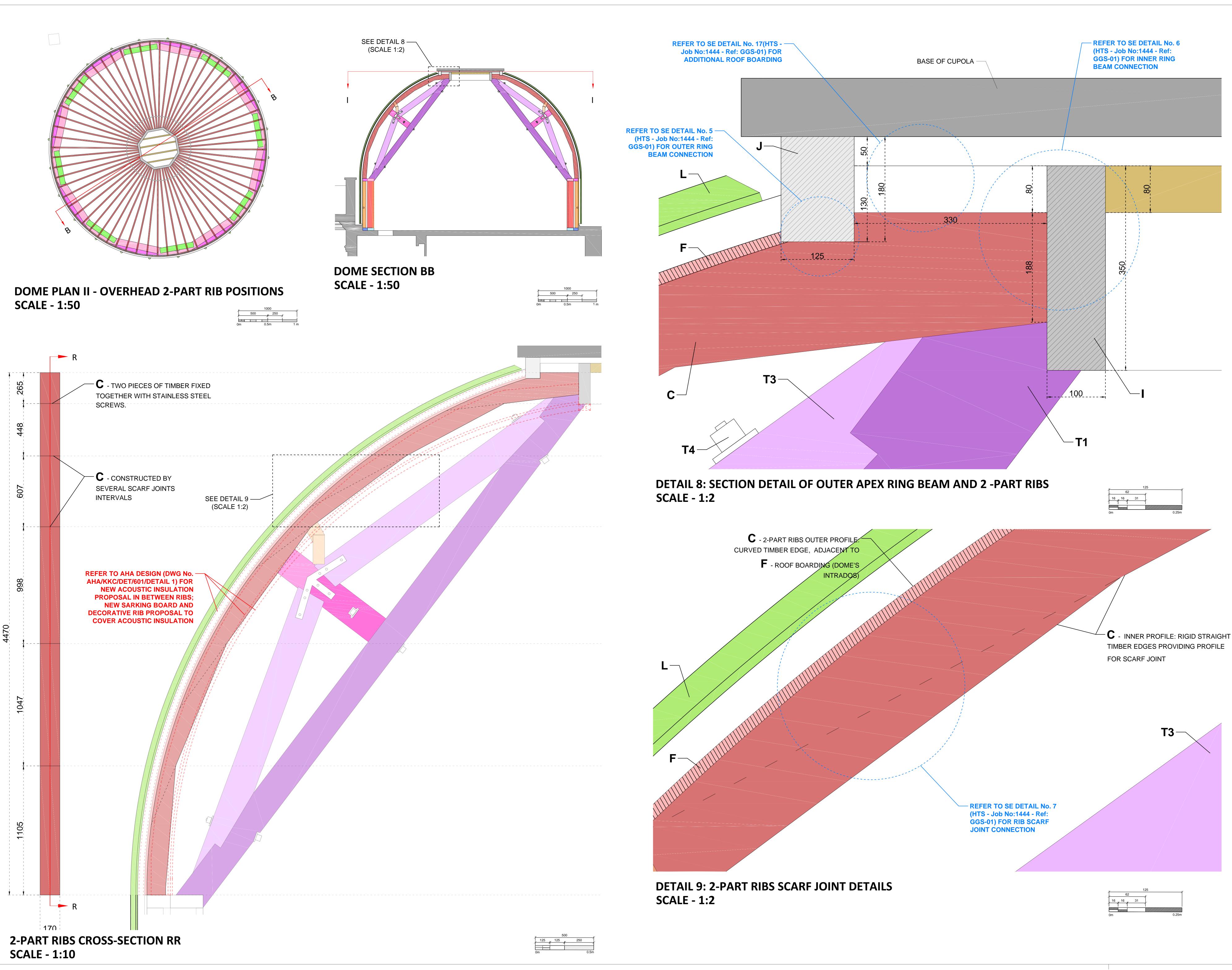


DOME PLAN HH - ABOVE PURLINS SCALE - 1:20



DOME SECTION BB - PLAN GG SECTION LINE SCALE - 1:20

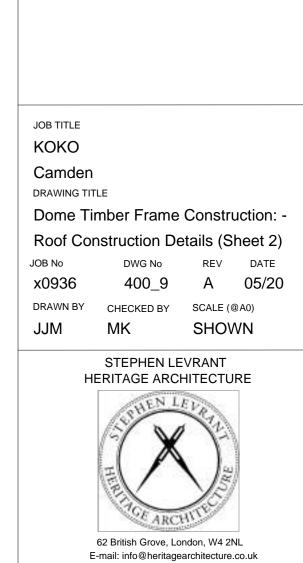




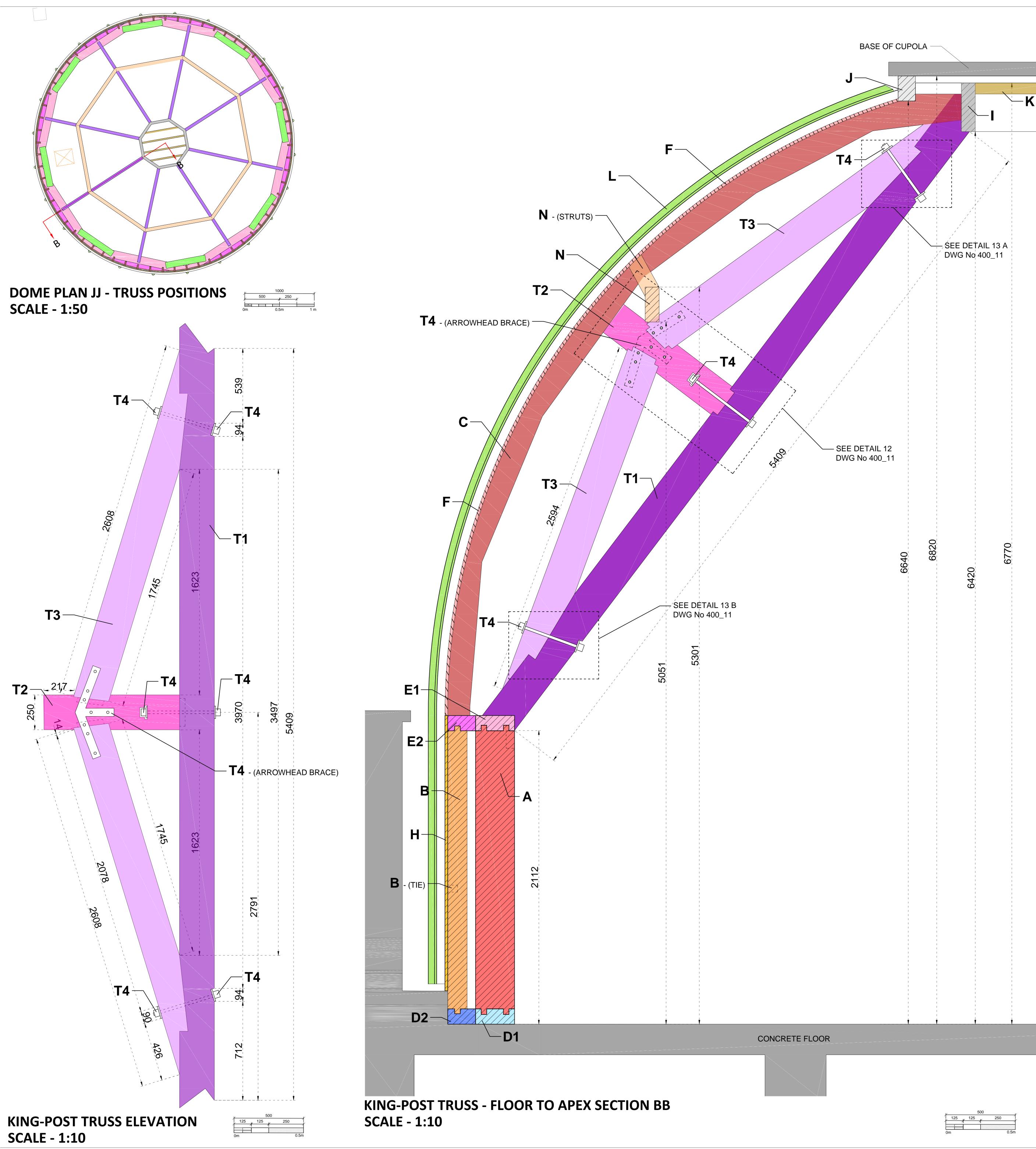


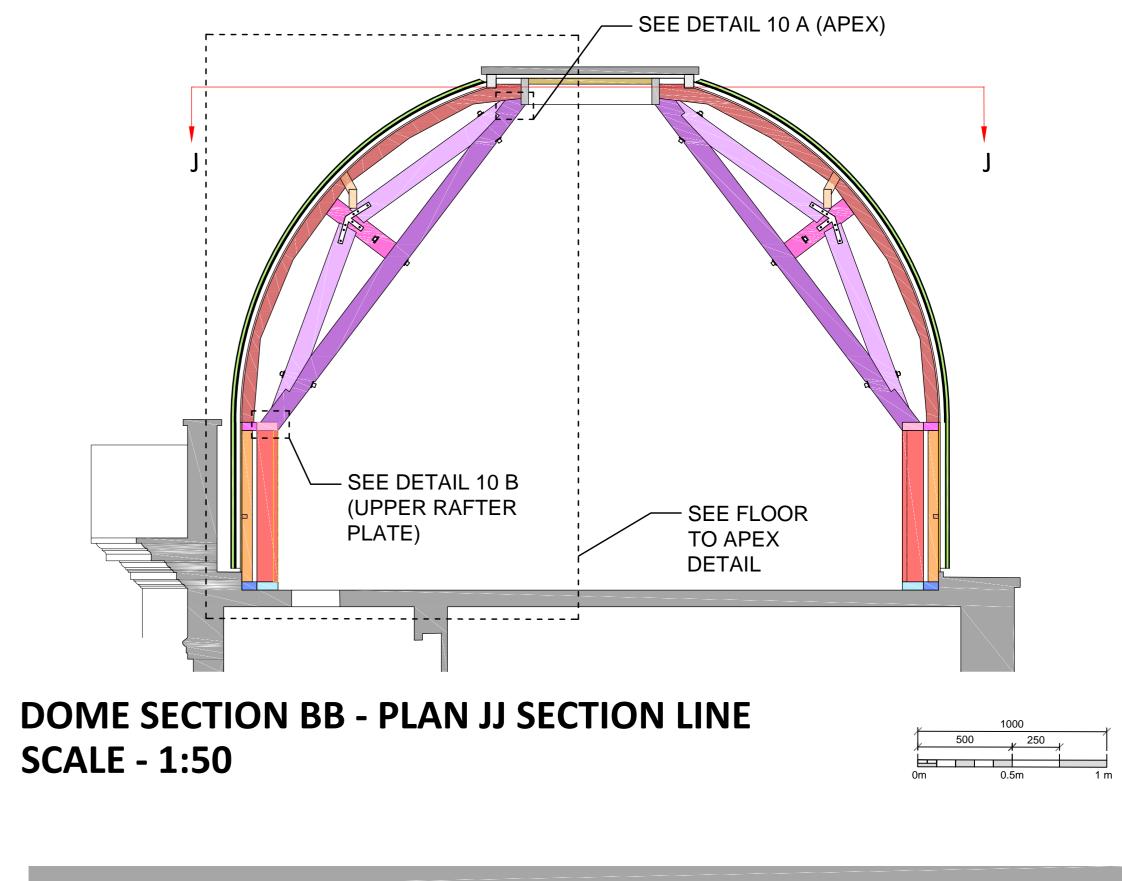
- DRAWING NOTES:
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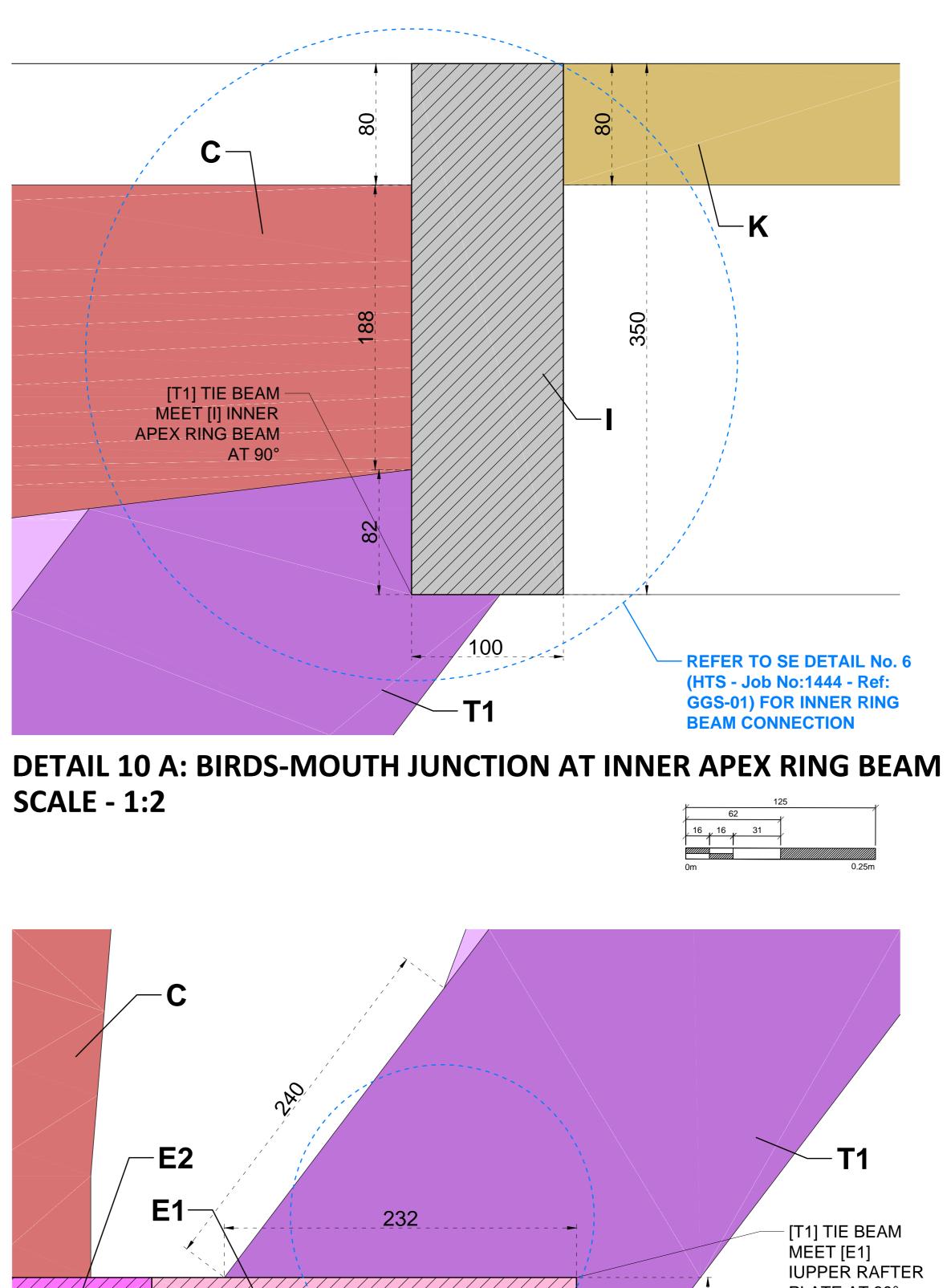


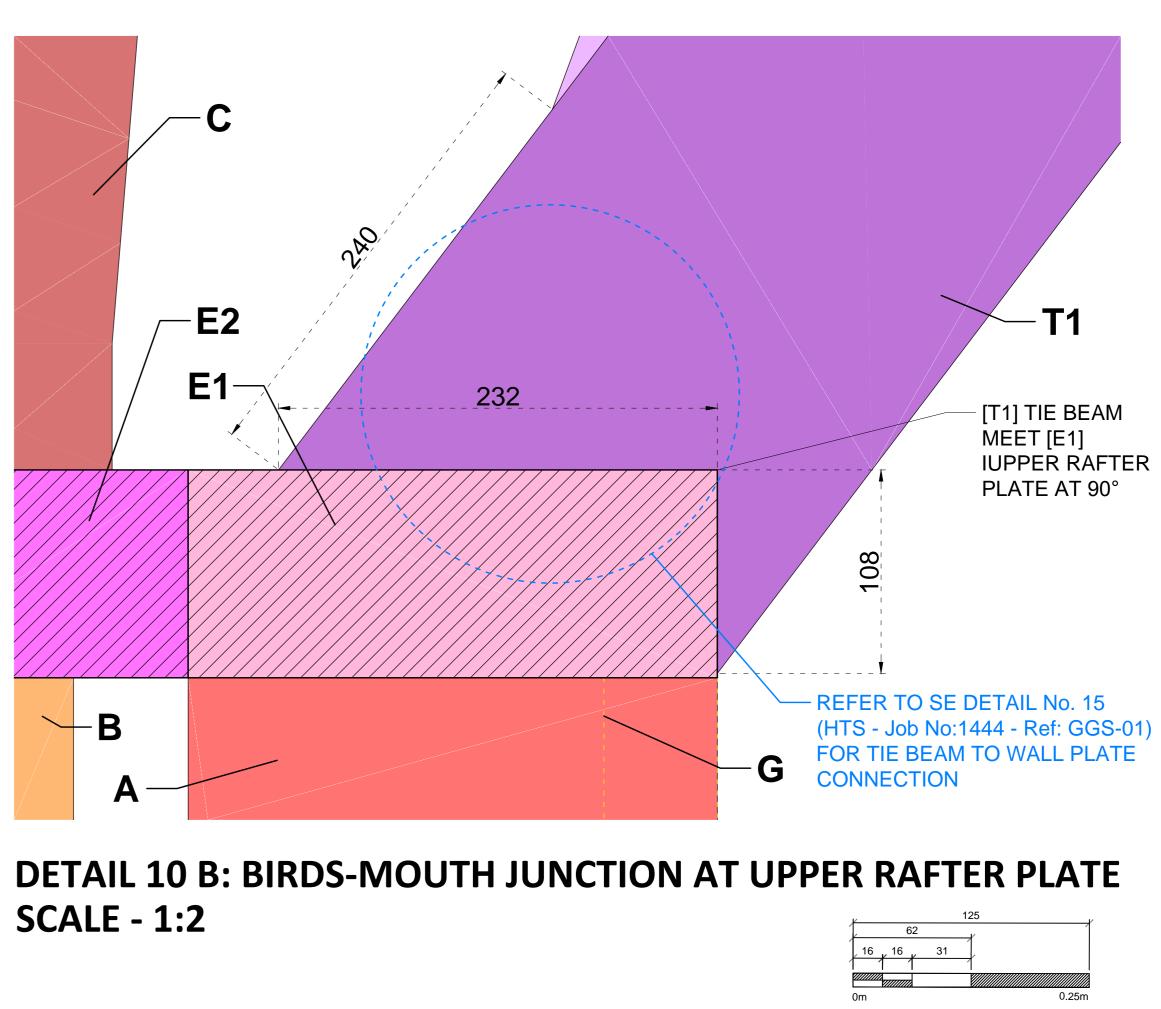
T: 020 8748 5501

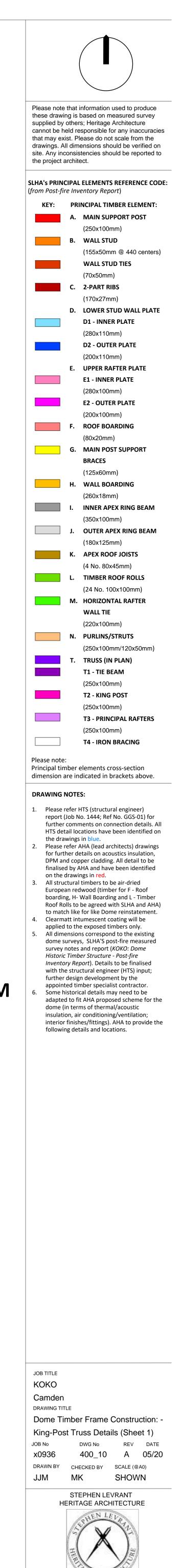




SCALE - 1:50

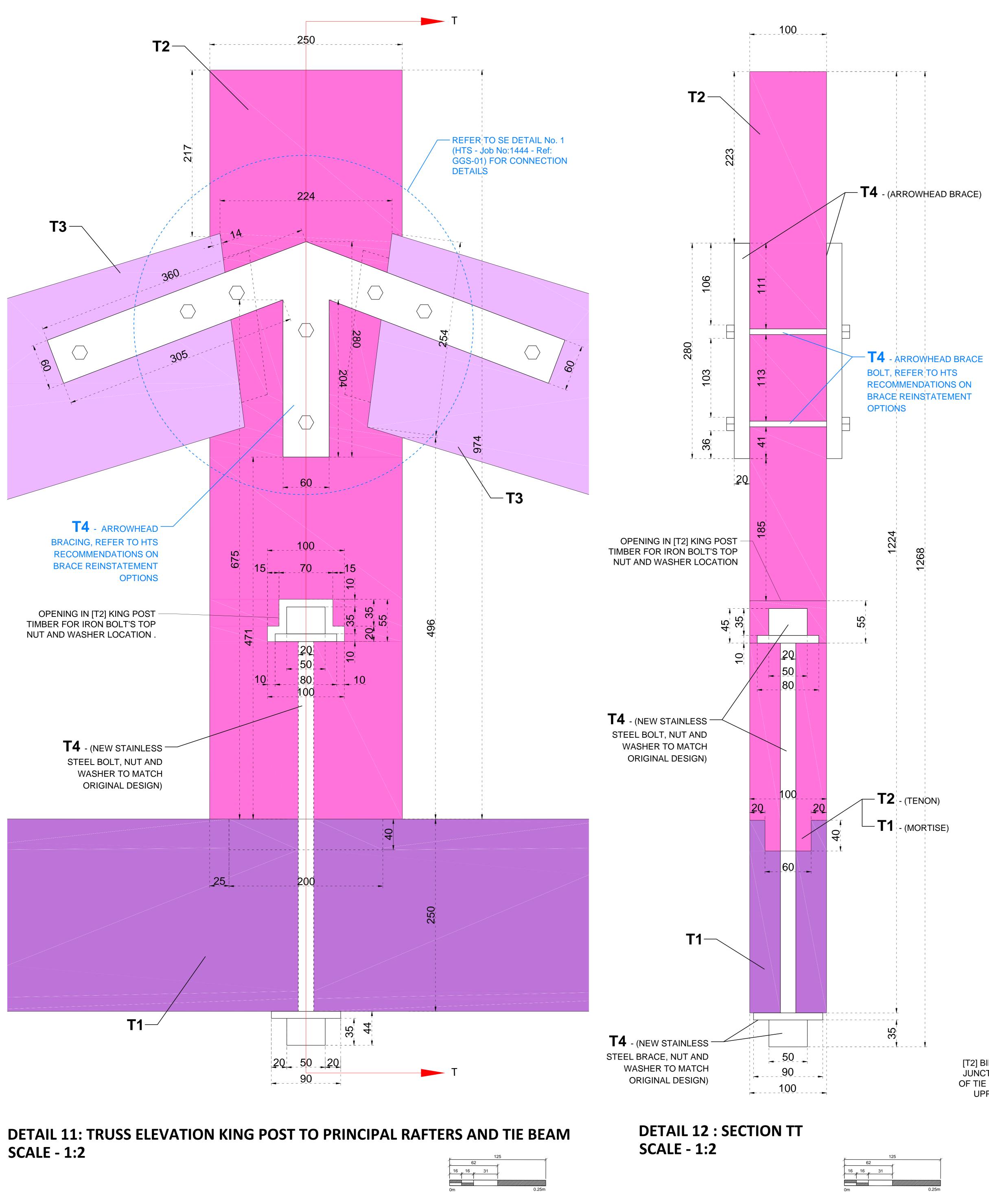


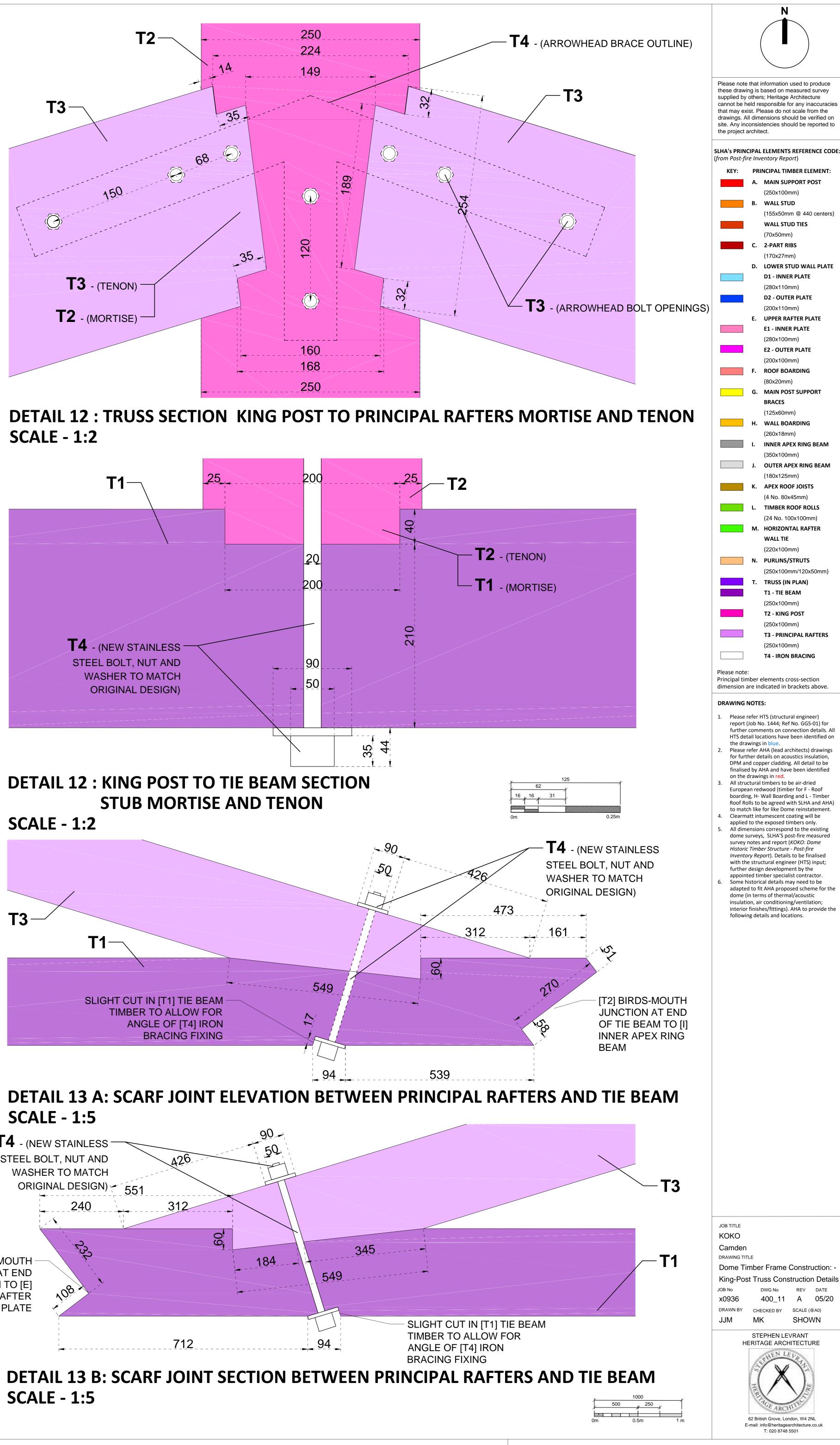


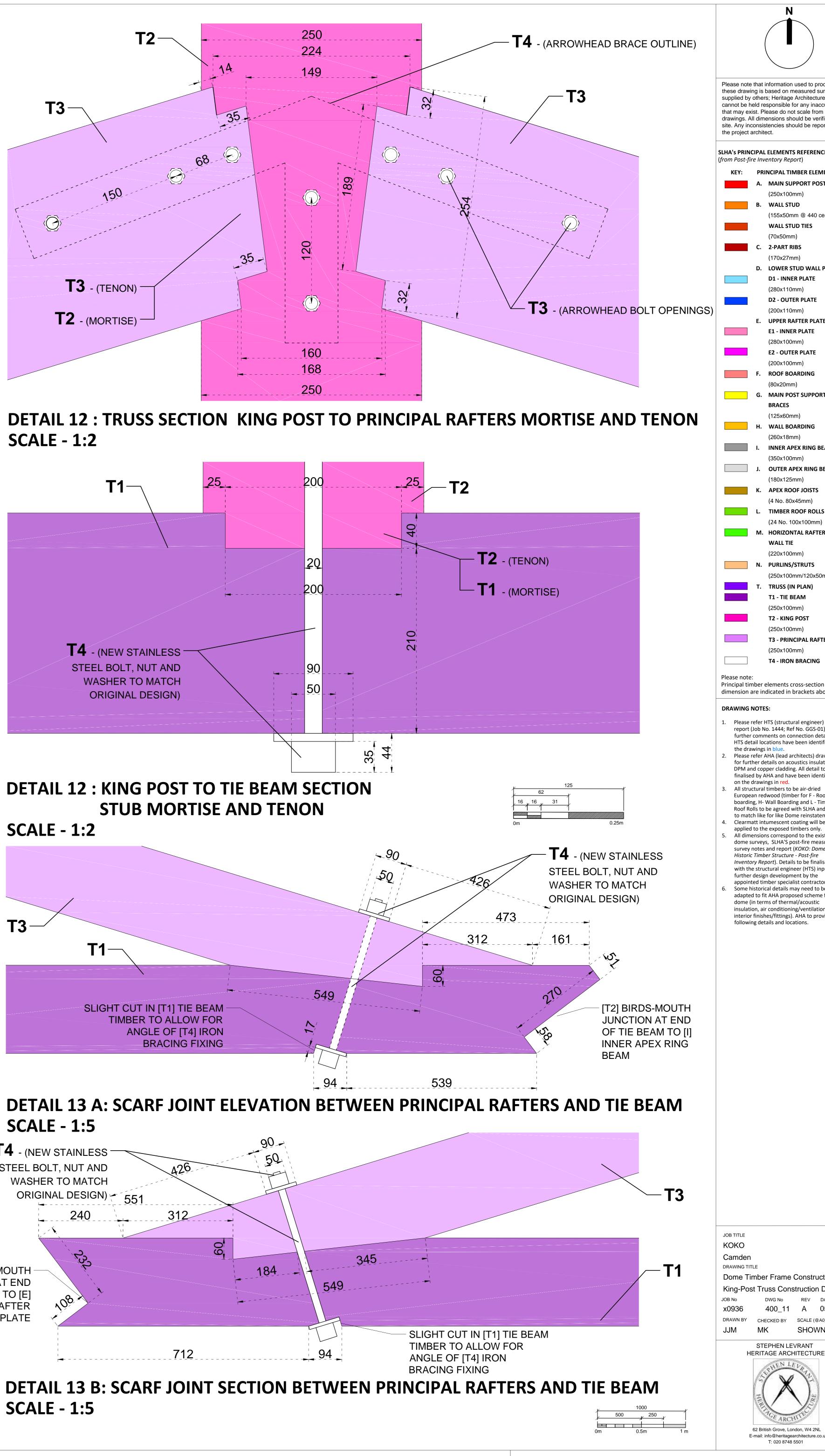


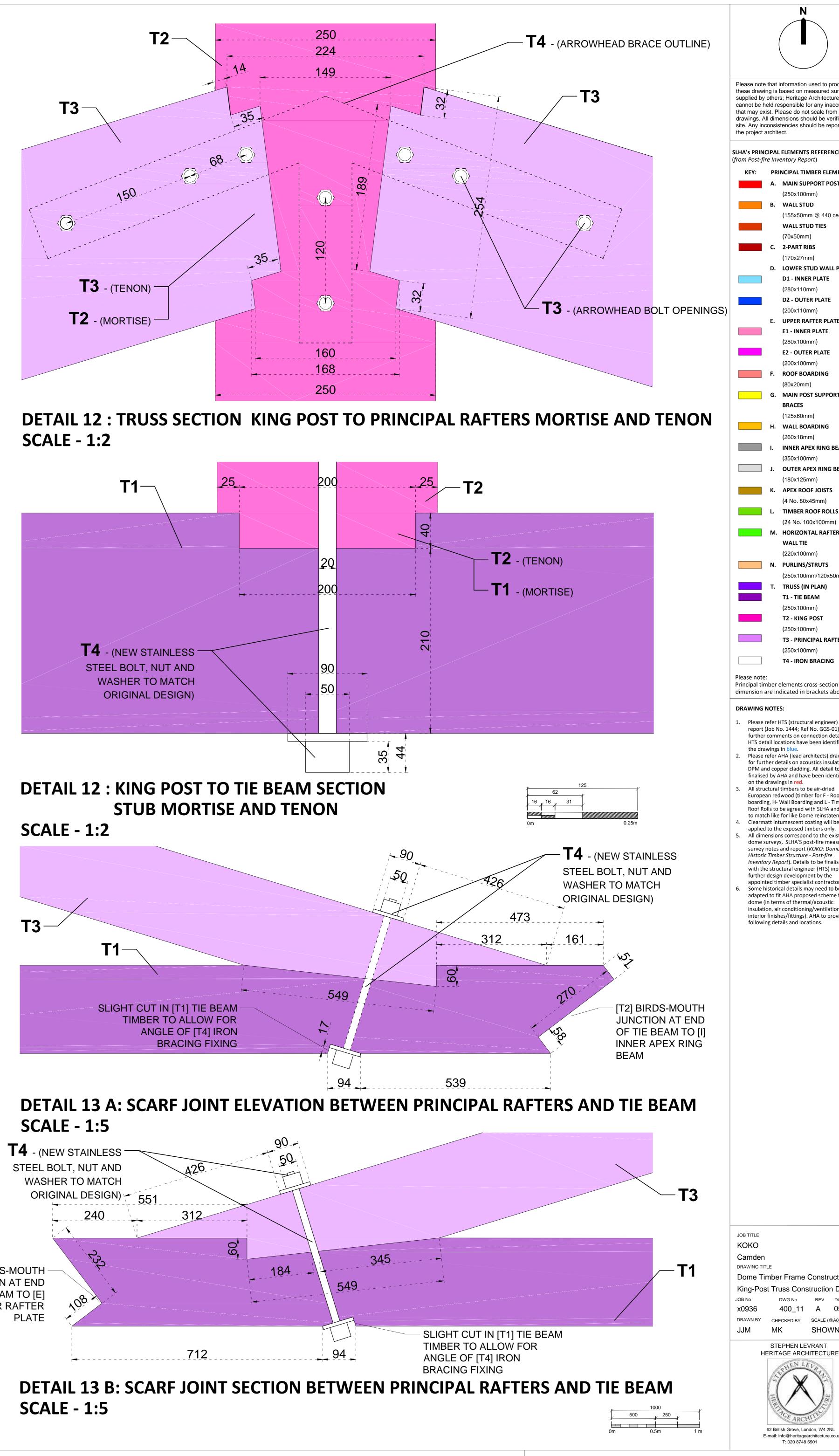
62 British Grove, London, W4 2NL

E-mail: info@heritagearchitecture.co.uk T: 020 8748 5501









[T2] BIRDS-MOUTH -JUNCTION AT END OF TIE BEAM TO [E] UPPER RAFTER PLATE