MADE IN HULL WILL City of Culture



QUESTIONS

IS IT POSSIBLE TO TRANSPORT A 75M LONG WIND TURBINE BLADE INTO THE CENTRE OF THE CITY?

WHAT IS THE PREFERRED LOCATION FOR THE ARTWORK?

WHAT ARRANGEMENTS & CONSENTS WILL BE REQUIRED?

HOW WILL THE ARTWORK BE TECHNICALLY FACILITATED?



AN INTERRUPTION IN THE CITY OF HULL

ARTISTIC INTENTION

AN UNPRECEDENTED SCULPTURAL READYMADE

CREATING A BEAUTIFUL AND DYNAMIC PRESENCE IN THE CITY

DEVELOPING A CONVERSATION ABOUT NEW FORMS OF TECHNOLOGY AND LABOUR

A SURPRISE AND AN INTERRUPTION

The broad, thin, expanded part of a leaf or petal; the lamina* Oxford English Dictionary

First the blade, then the eare, after that the full corne in the eare.

Mark 4:28

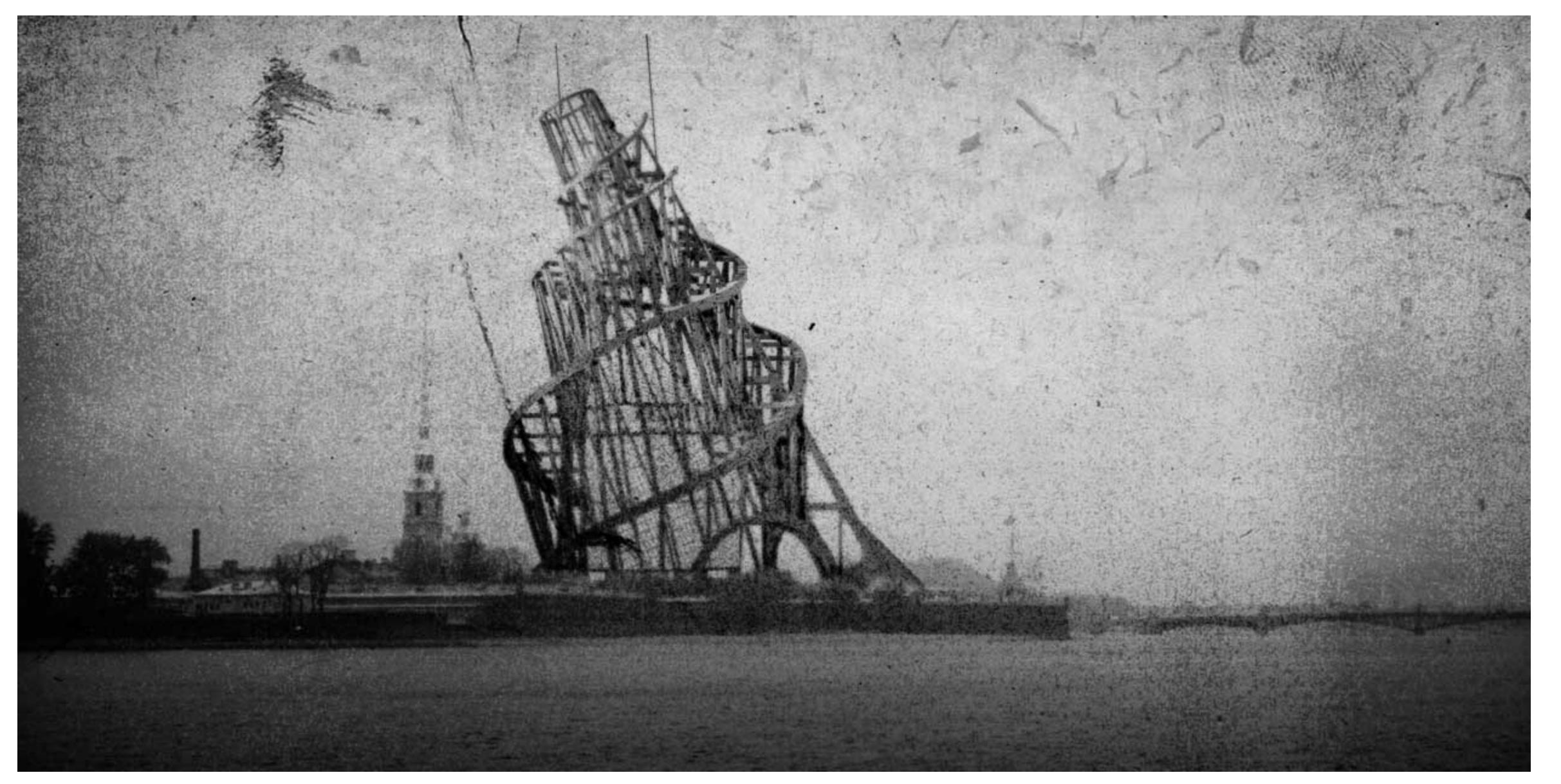
*lamina flow from aerodynamics

SCULPTURE

IN THE CITY (A VERY BRIEF HISTORY)



WILBERFORCE MONUMENT, HULL



MONUMENT TO THE THIRD INTERNATIONAL, TATLIN



TITLED ARC, RICHARD SERRA





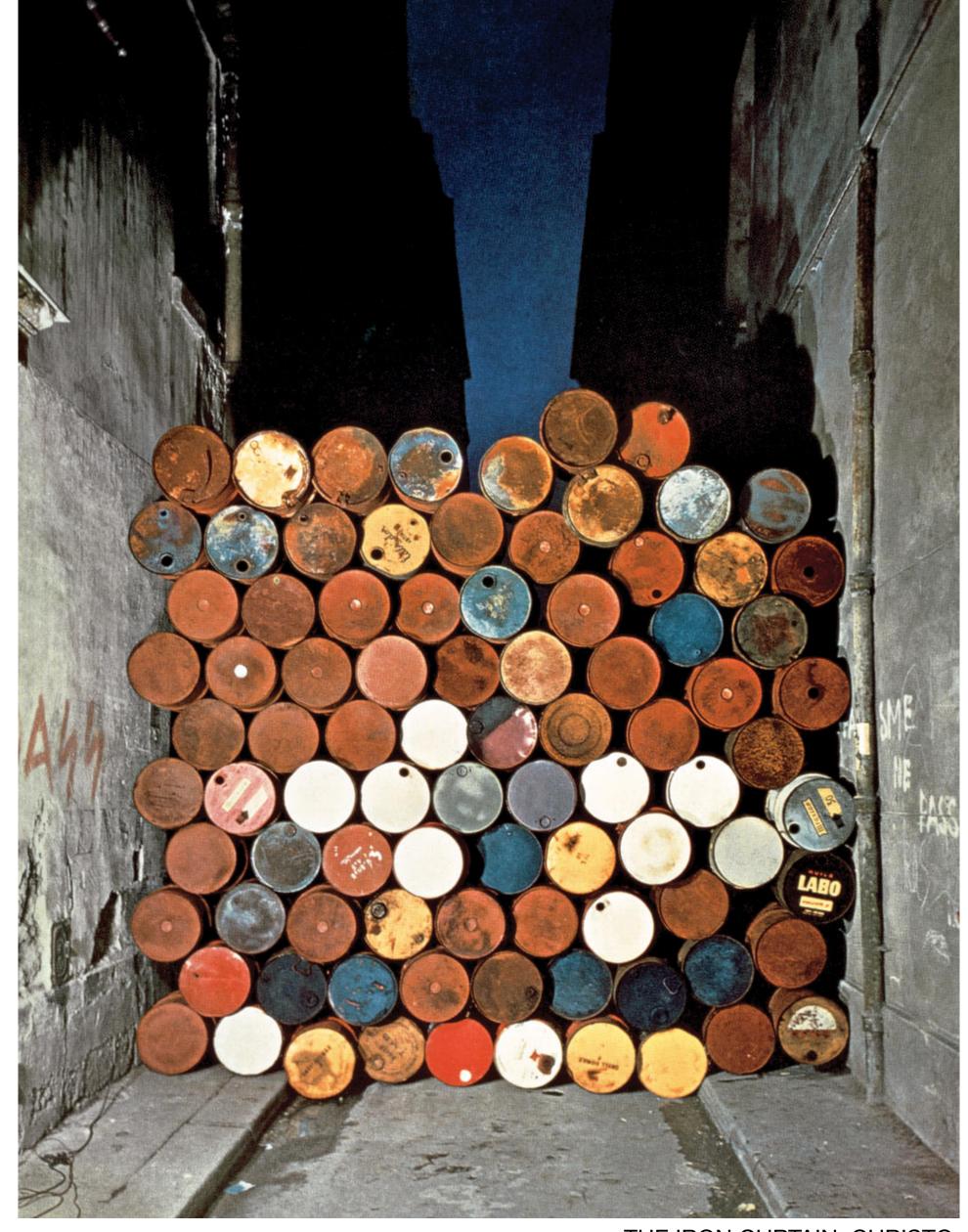
HOLYWOOD, MAURIZIO CATTELAN



SCULPTURE PUPPY, JEFF KOONS



CLOUD GATE, ANISH KAPOOR



THE IRON CURTAIN, CHRISTO

SCULPTURE

THE READYMADE



BICYCLE WHEEL, MARCEL DUCHAMP

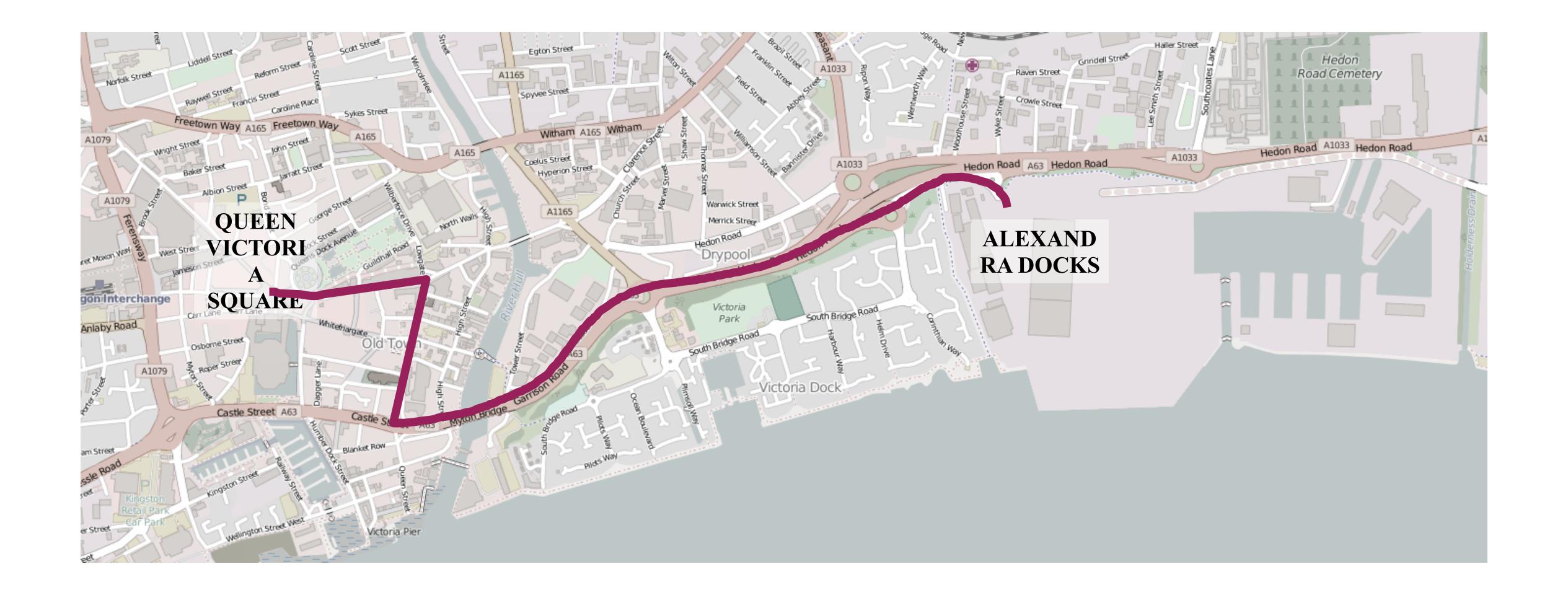


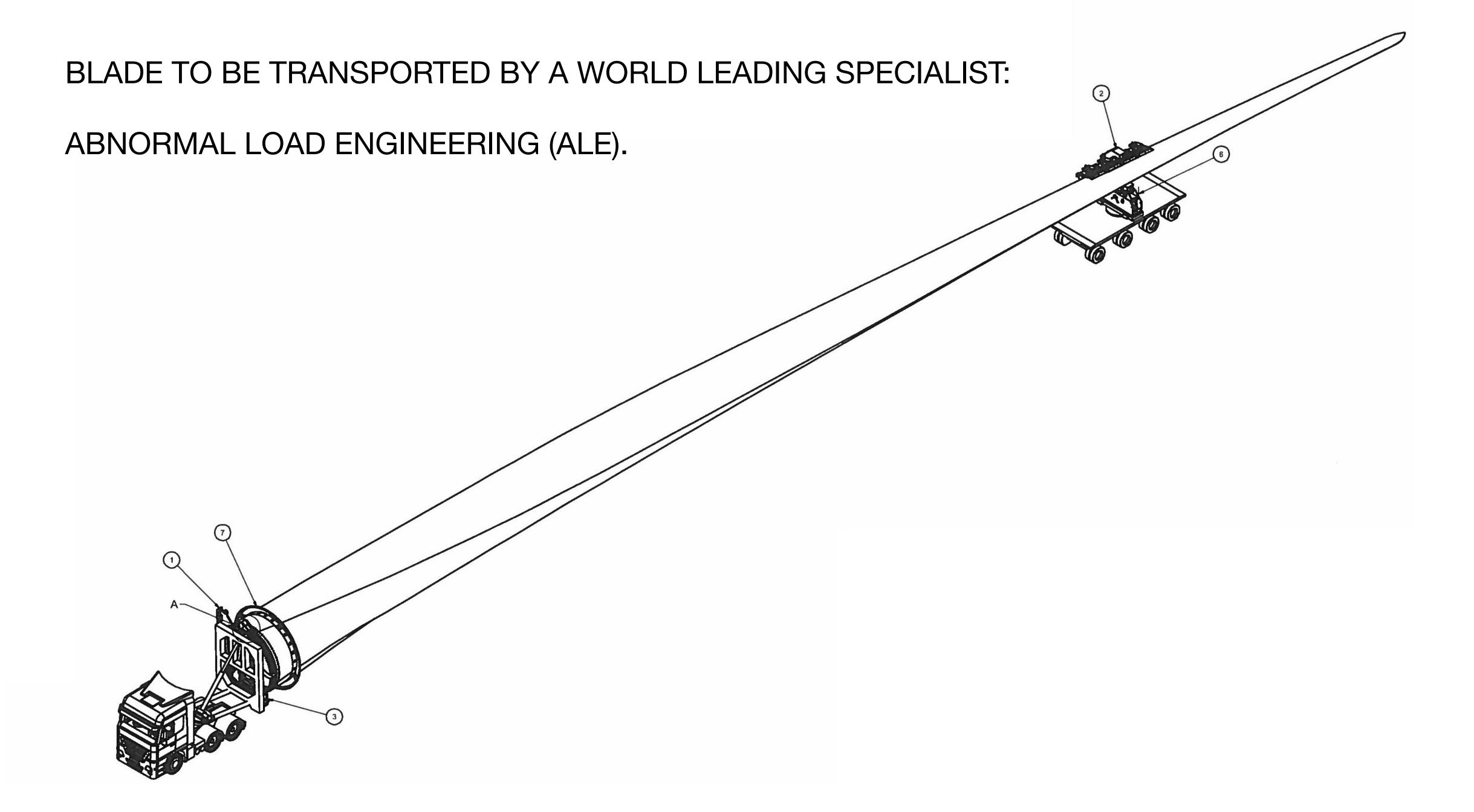




TRANSPORT

SIEMENS & A.L.E.









DRAWING NOTES:

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
- ALL WEIGHTS ARE IN t (METRIC TONNES) UNLESS OTHERWISE STATED.
- -ALL DETAILS ARE PROVISIONAL AND ARE SUBJECT TO CONFIRMATION.

TECHNICAL NOTES:

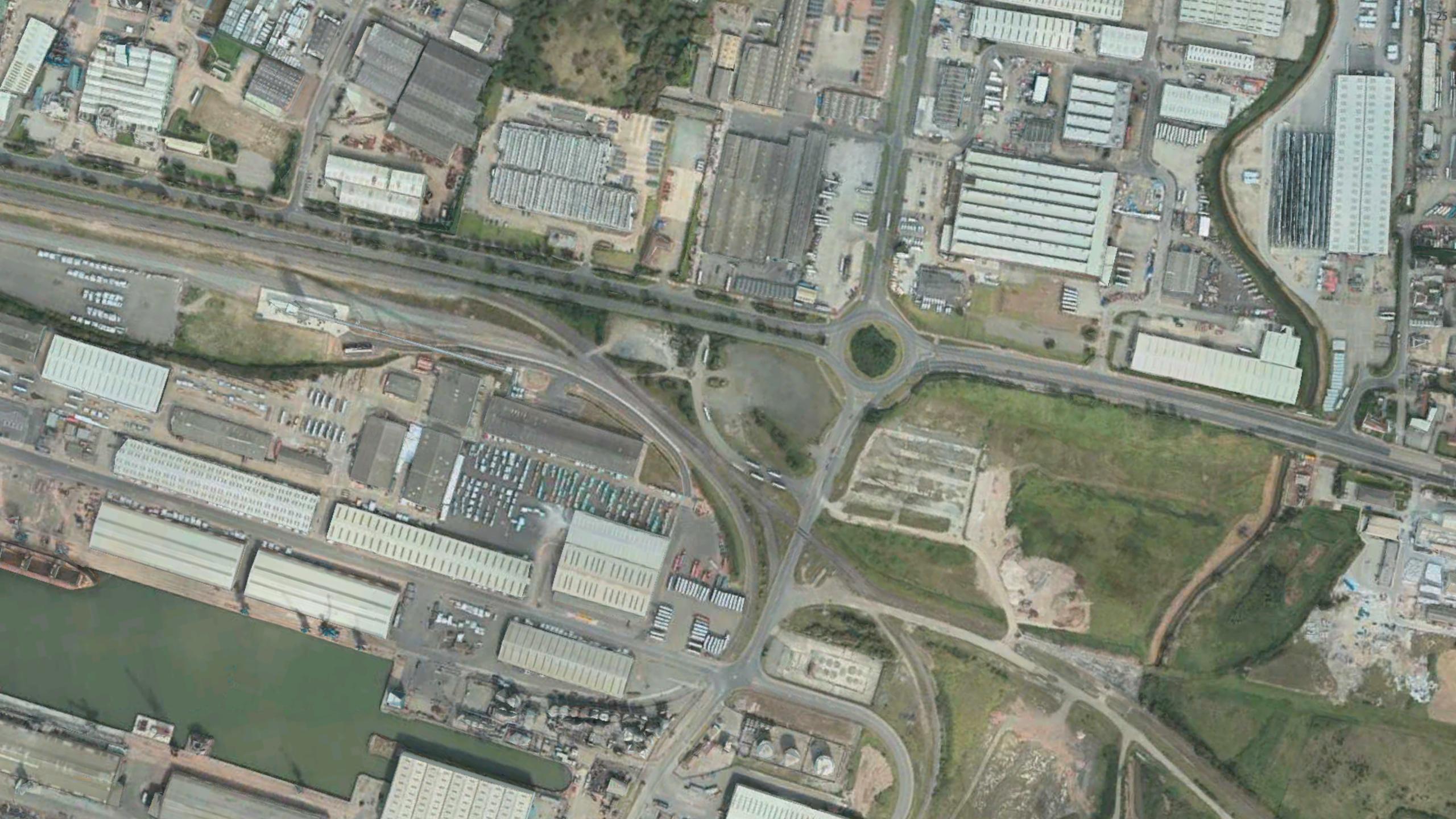
- ROUTE FROM ALEXANDRA DOCK TO HULL CITY CENTRE.
- ROUTE A DOCK EXIT VIA EASTERN GATE ONTO NORTHERN GATEWAY ROUNDABOUT.
- ROUTE B DOCK EXIT VIA WESTERN GATE ONTO EARLE'S ROAD. JOINS ROUTE A ON A63.
- B75 BLADE TRANSPORT DIMENSIONS: 75590 x 4345 x 5348 mm (L x W x H) @ 26.1t
- FOR TRANSPORT ARRANGEMENT, SEE Dwg. No. DRW-AA0971-04-001

Г							
	0	29/07/1	6 BE		FIRST ISSUE		
F	Rev.	Date	Drawn	Check	Descript	ion	QF19 (Issue 5)
1	New Road, Hixon, Staffordshire, ST18 0PE, U.K. Tel: +44 (0) 1889 272 500 Fax: +44 (0) 1889 271 750 Web: www.ale-heavylift.com						
Cli	Client SIEMENS						
Pro	oject T	itle	B75 R	OUTE SI	JRVEY R	EPORT	
Dra	Drawing Title SWEPT PATH ANALYSIS - HULL CITY CENTRE ROUTE OVERVIEW						
Da	-		rawn	Check	ed	Scale (A1)	Sheet
	29/07	A- 1-05-4	BE			NTS	1 of 10
Pro	Project No. ^{dwg} AA0971-04				Drawing No. DRW-AA0971-04-002		Rev.

DO NOT SCALE IF IN DOUBT ASK The content of this drawing is confidential and must not be disclosed without the written permission of ALE. File Location: Z:\Public\Job Files\AA0000 -\AA0971 - Siemens Hull - B75 Blades and Moulds\AA0971-04 - Siemens B75 Route Survey Report\Engineering\Drawings\Drawing

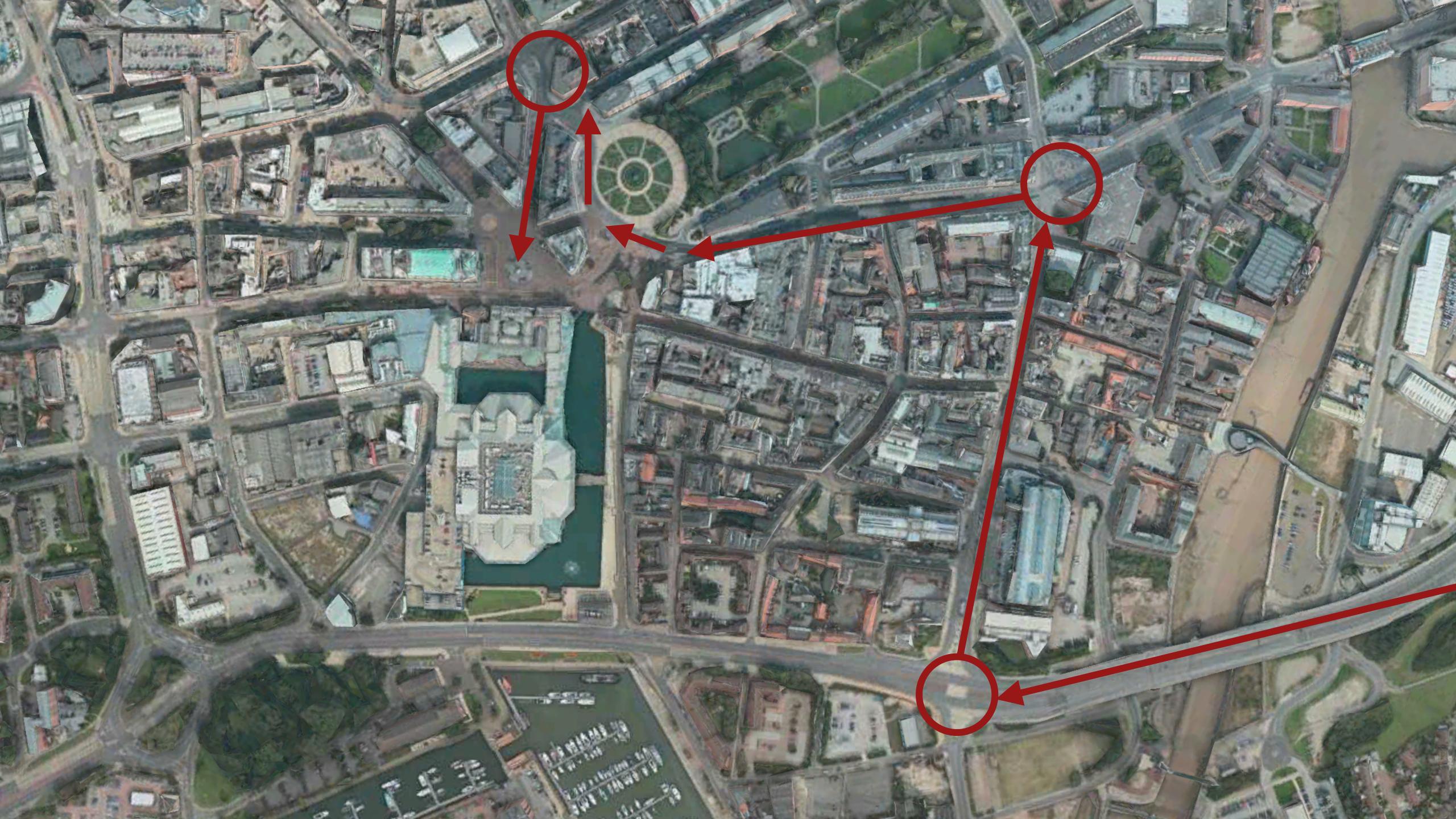
BLADE FEASIBILITY STUDY

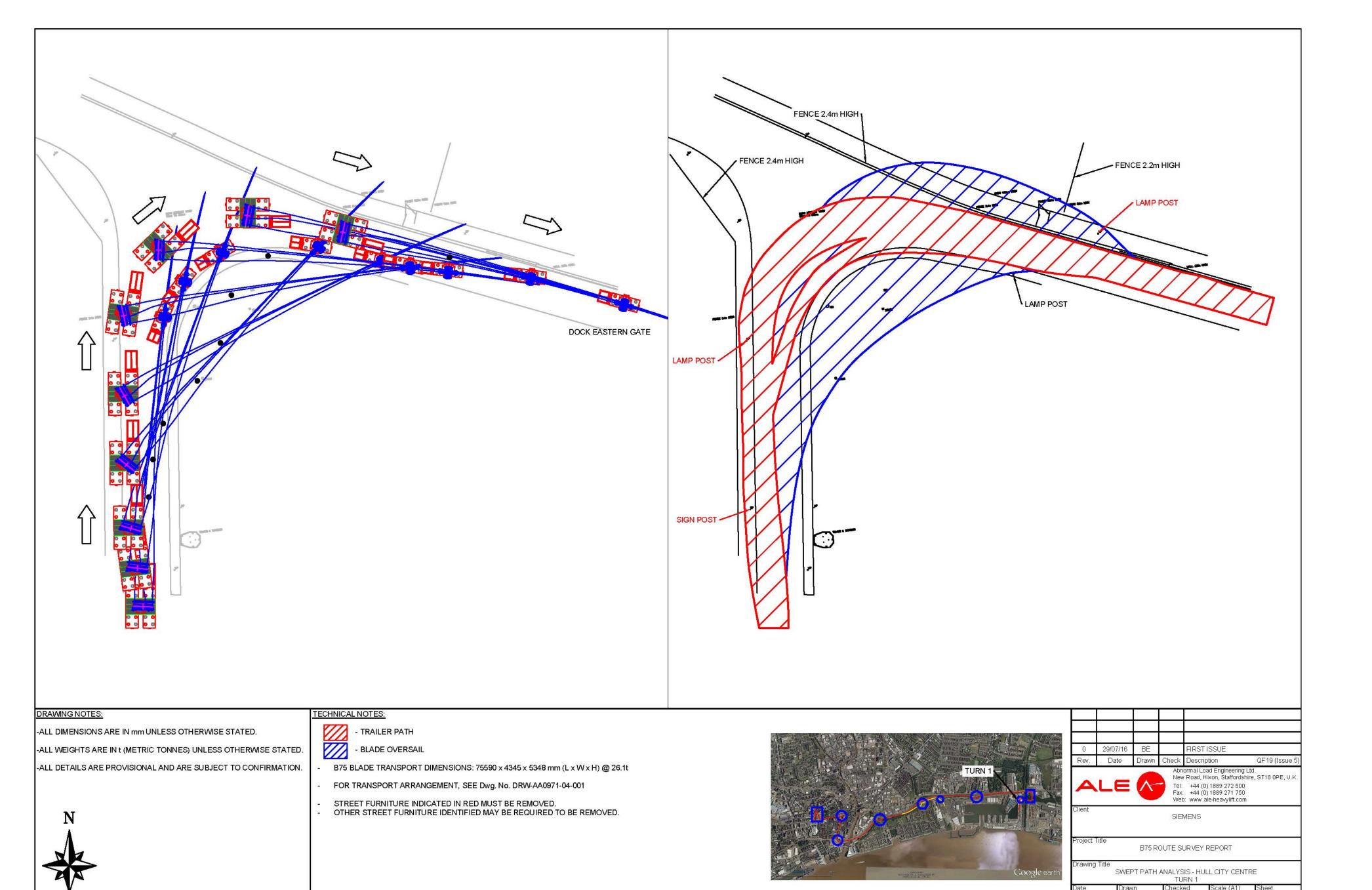








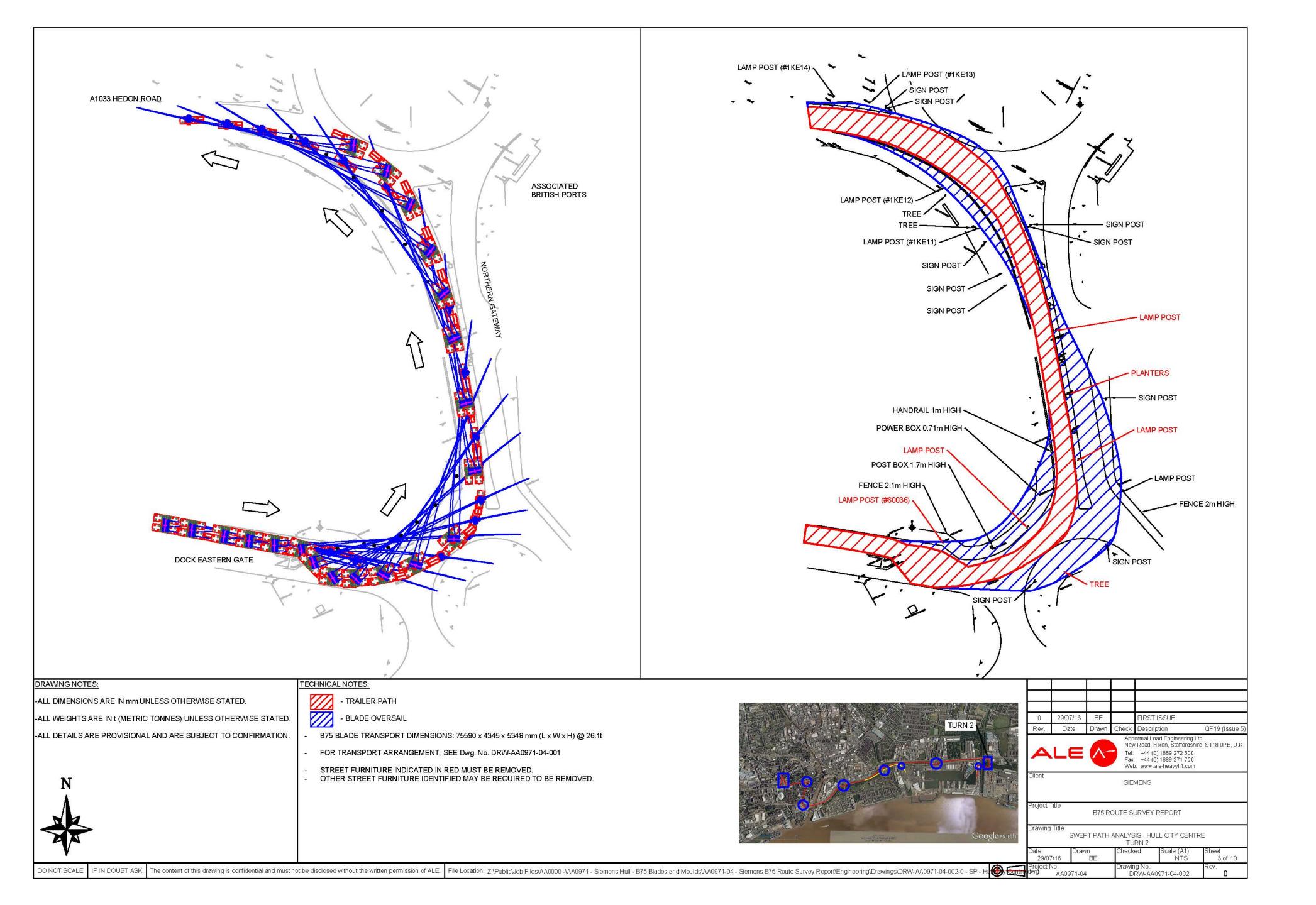


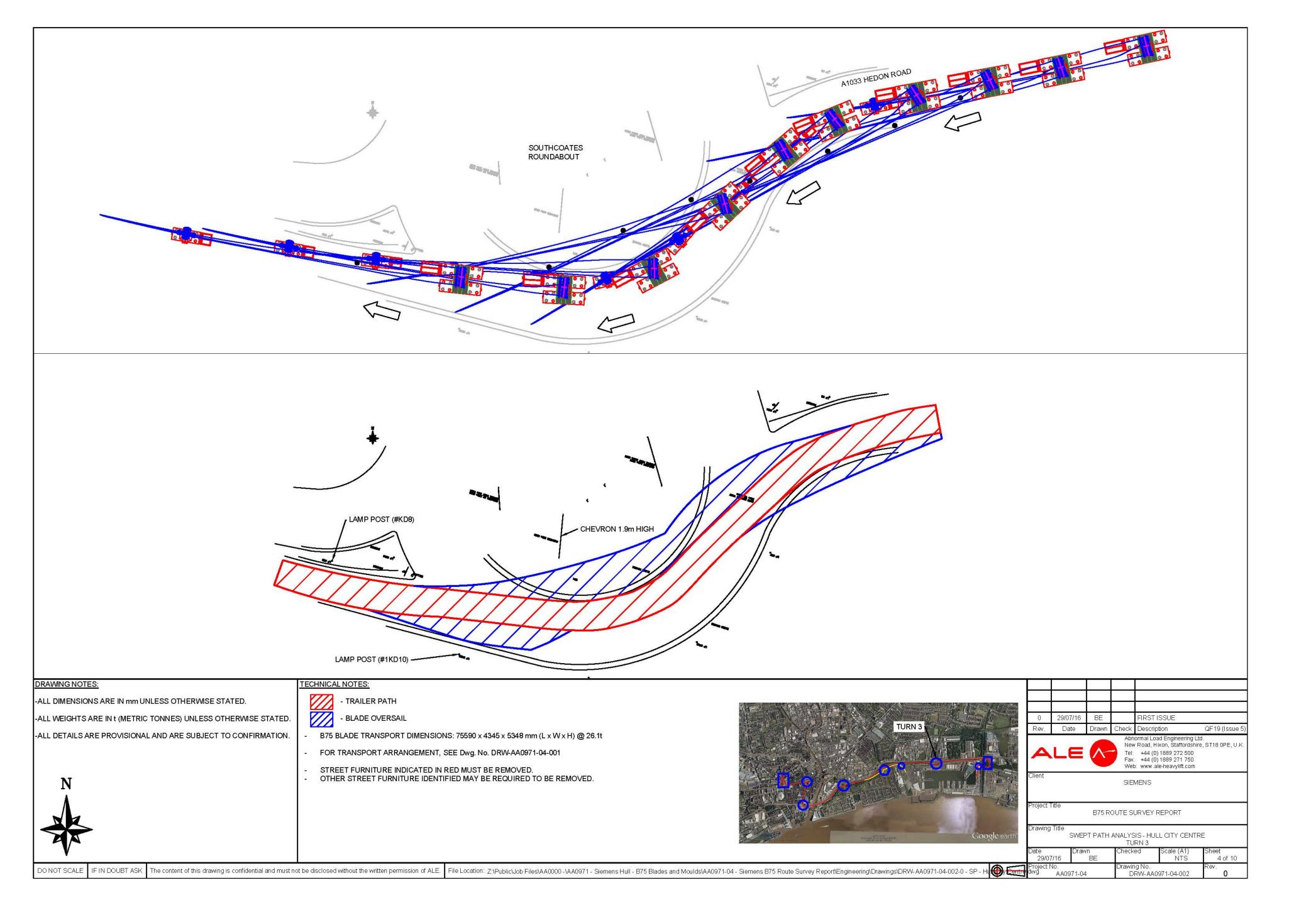


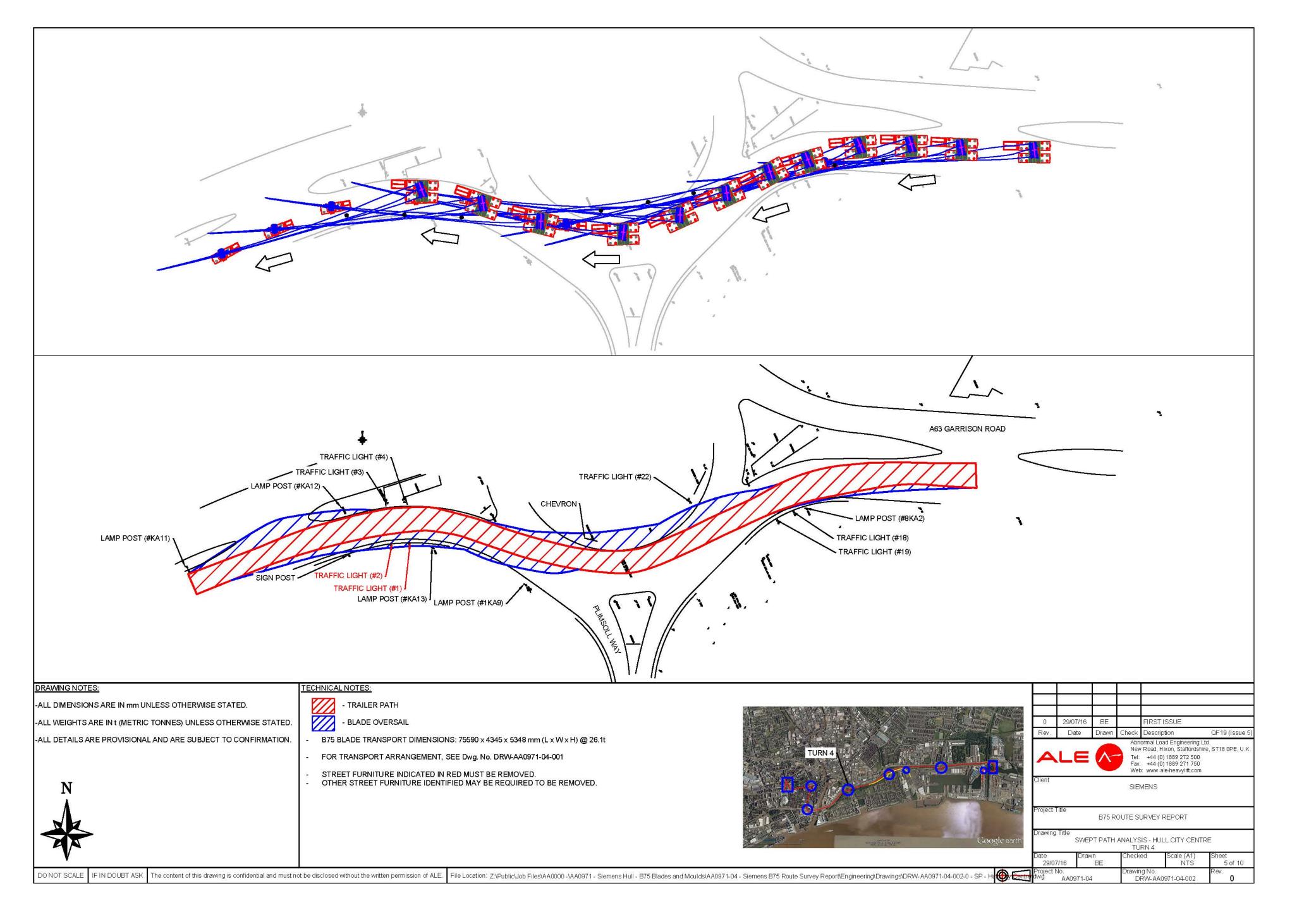
The content of this drawing is confidential and must not be disclosed without the written permission of ALE. File Location: Z:\Public\Job Files\AA0000 -\AA0971 - Siemens Hull - B75 Blades and Moulds\AA0971-04 - Siemens B75 Route Survey Report\Engineering\Drawings\

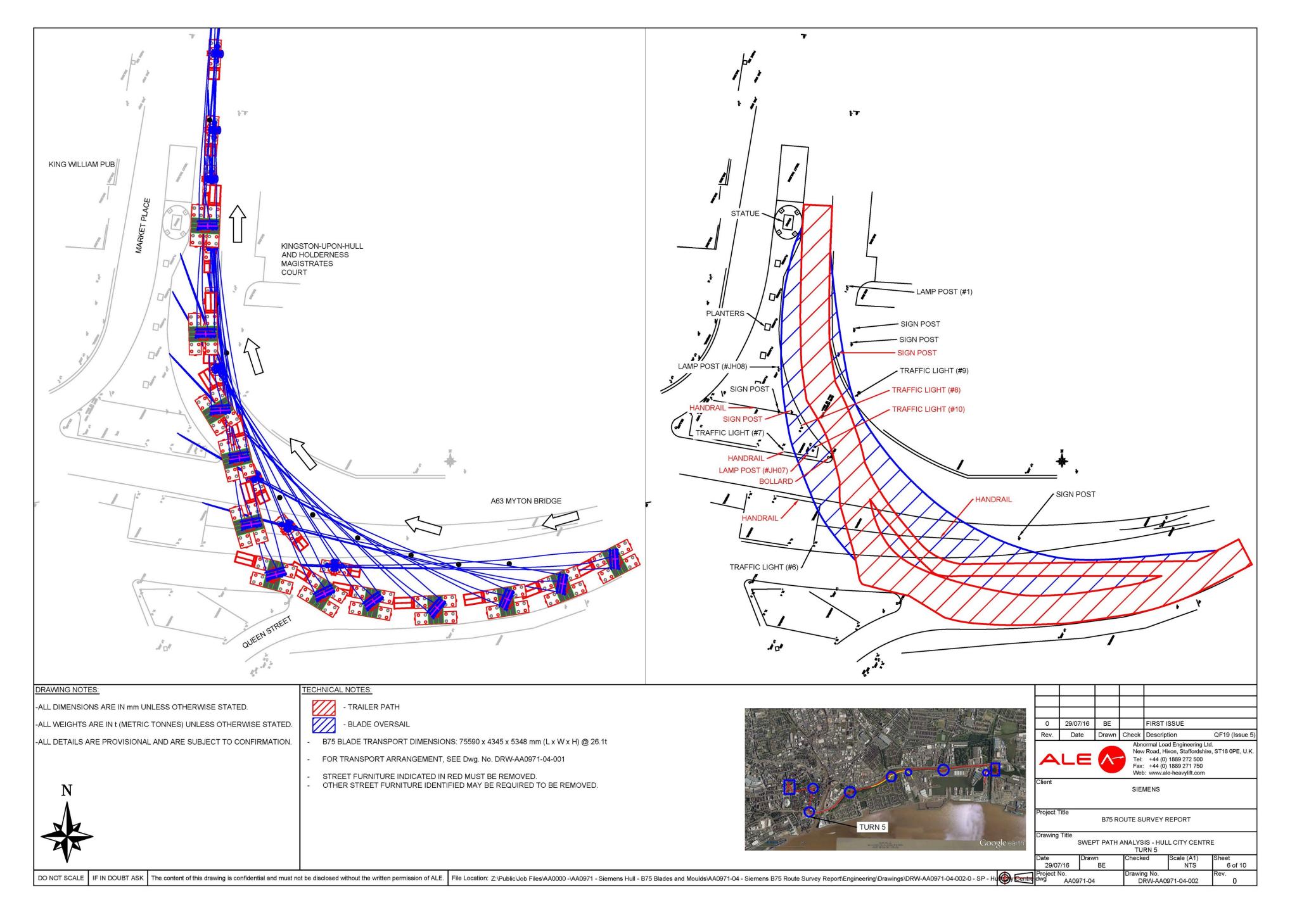
DO NOT SCALE | IF IN DOUBT ASK

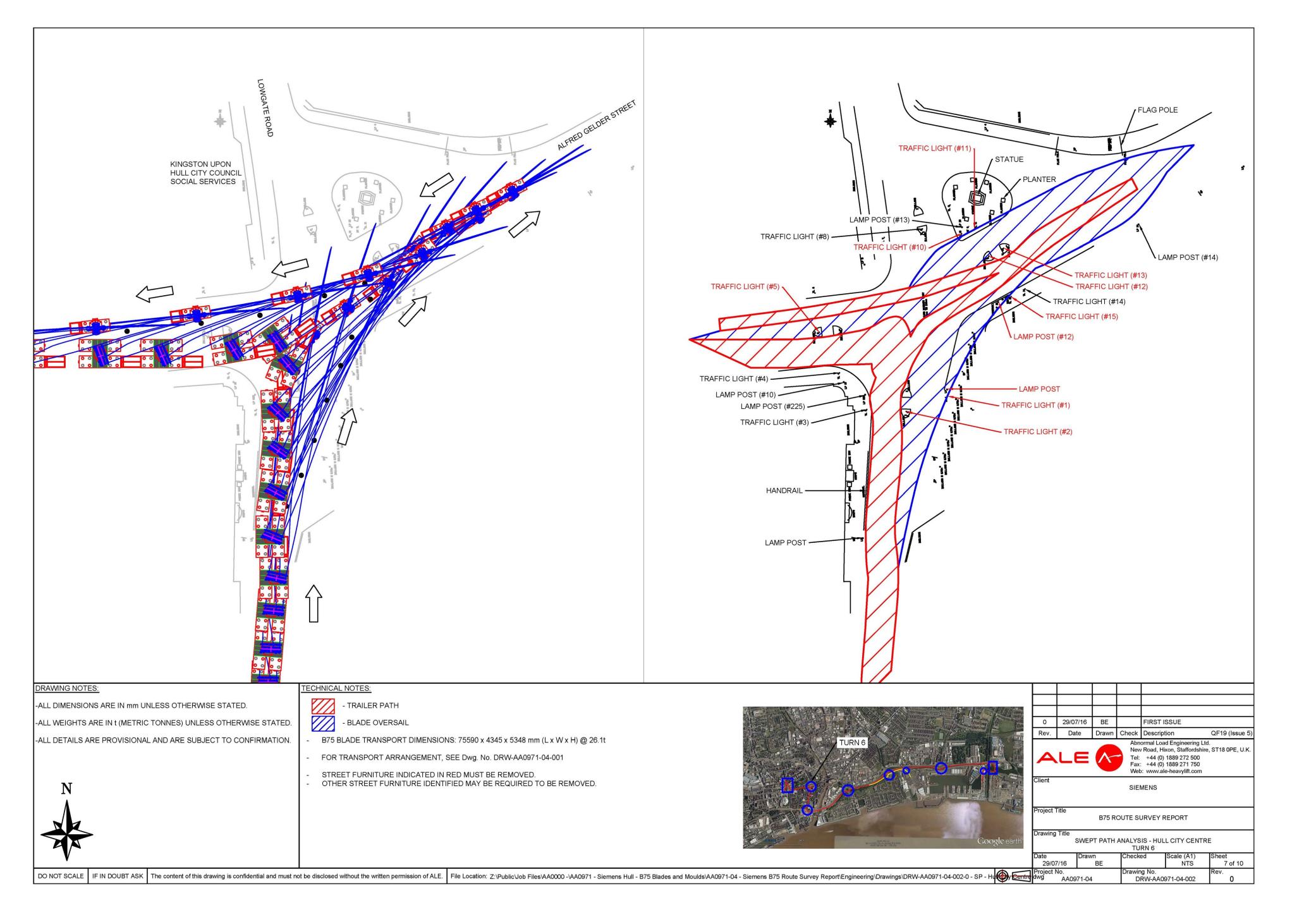
awing No. DRW-AA0971-04-002

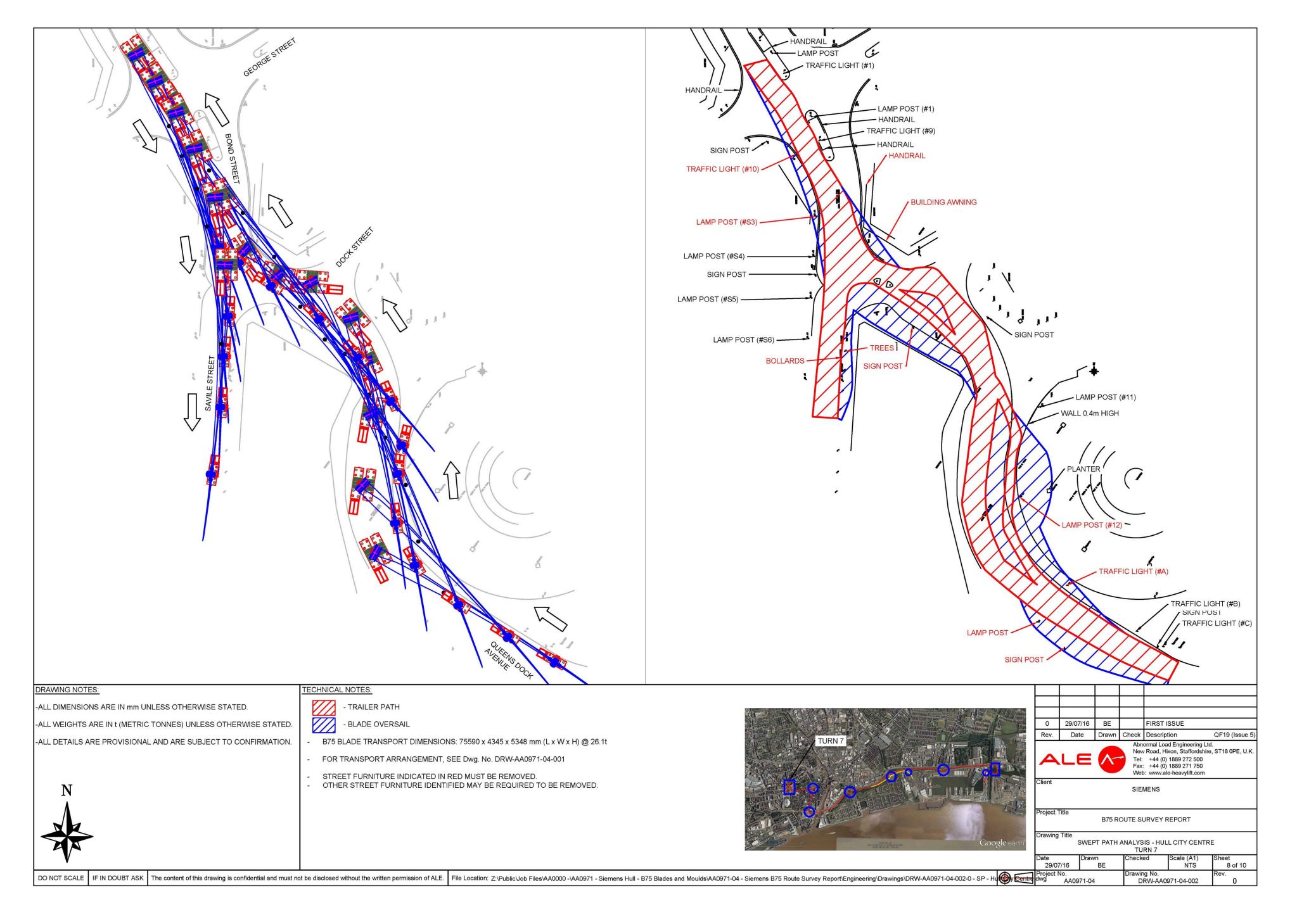


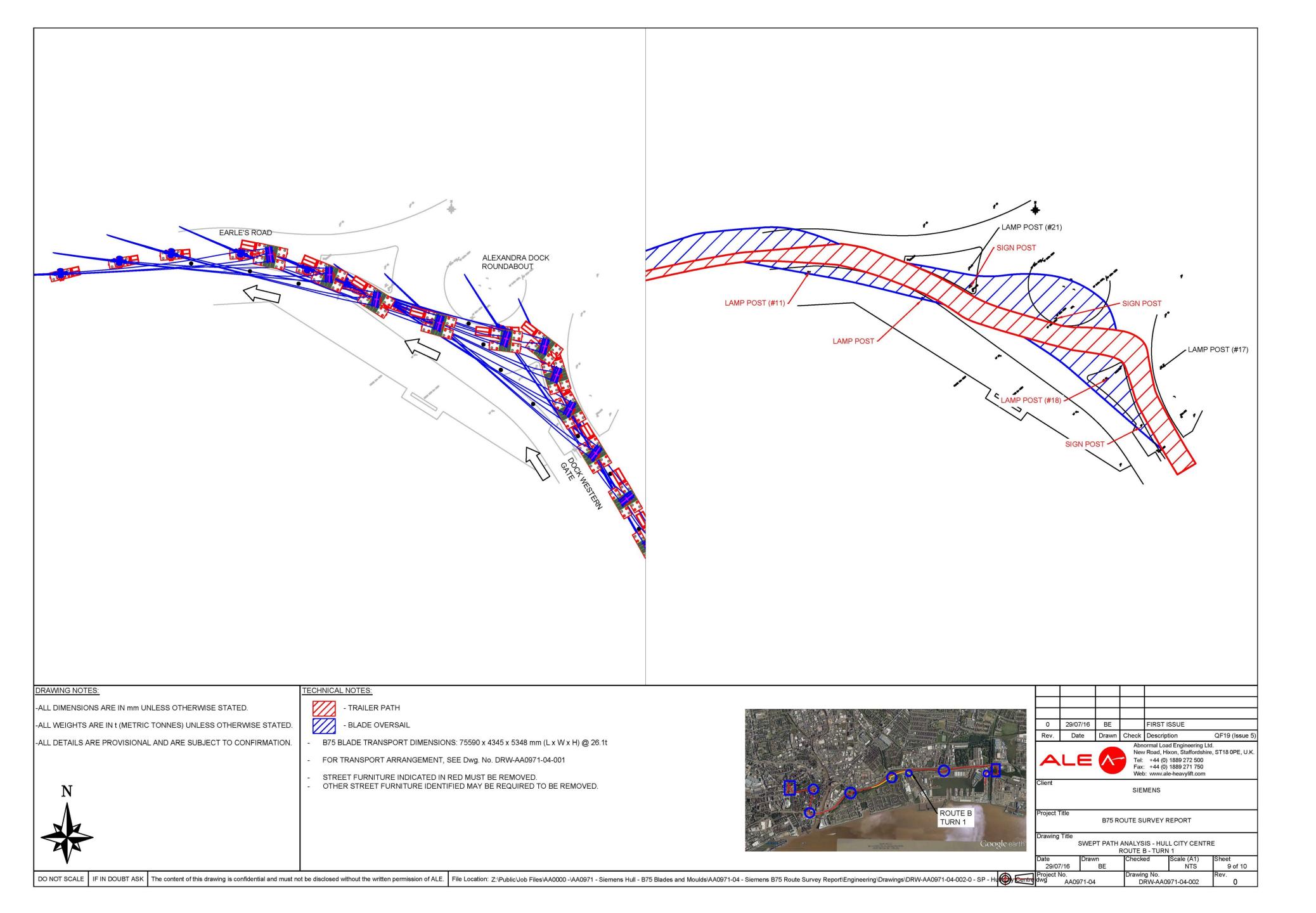


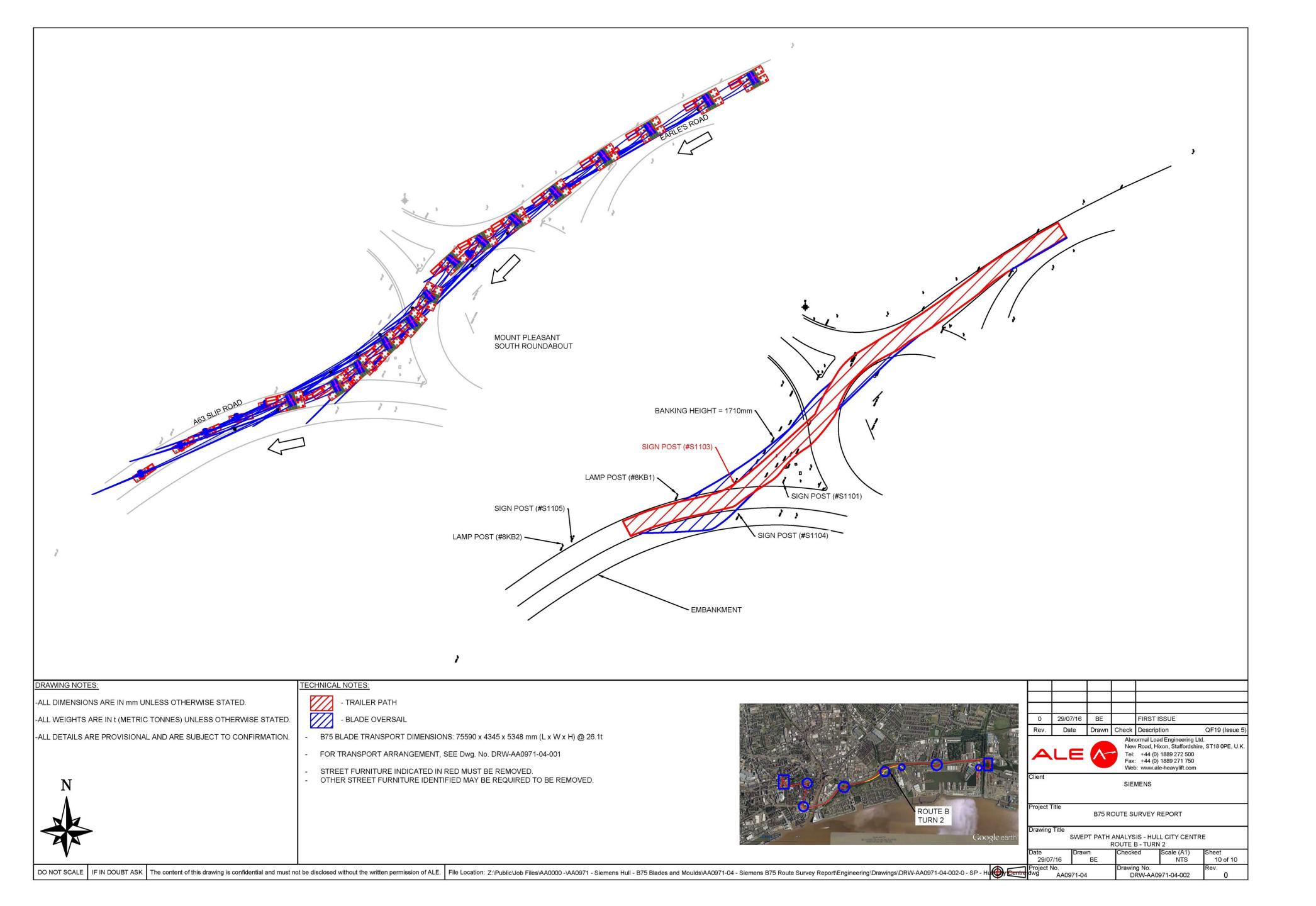


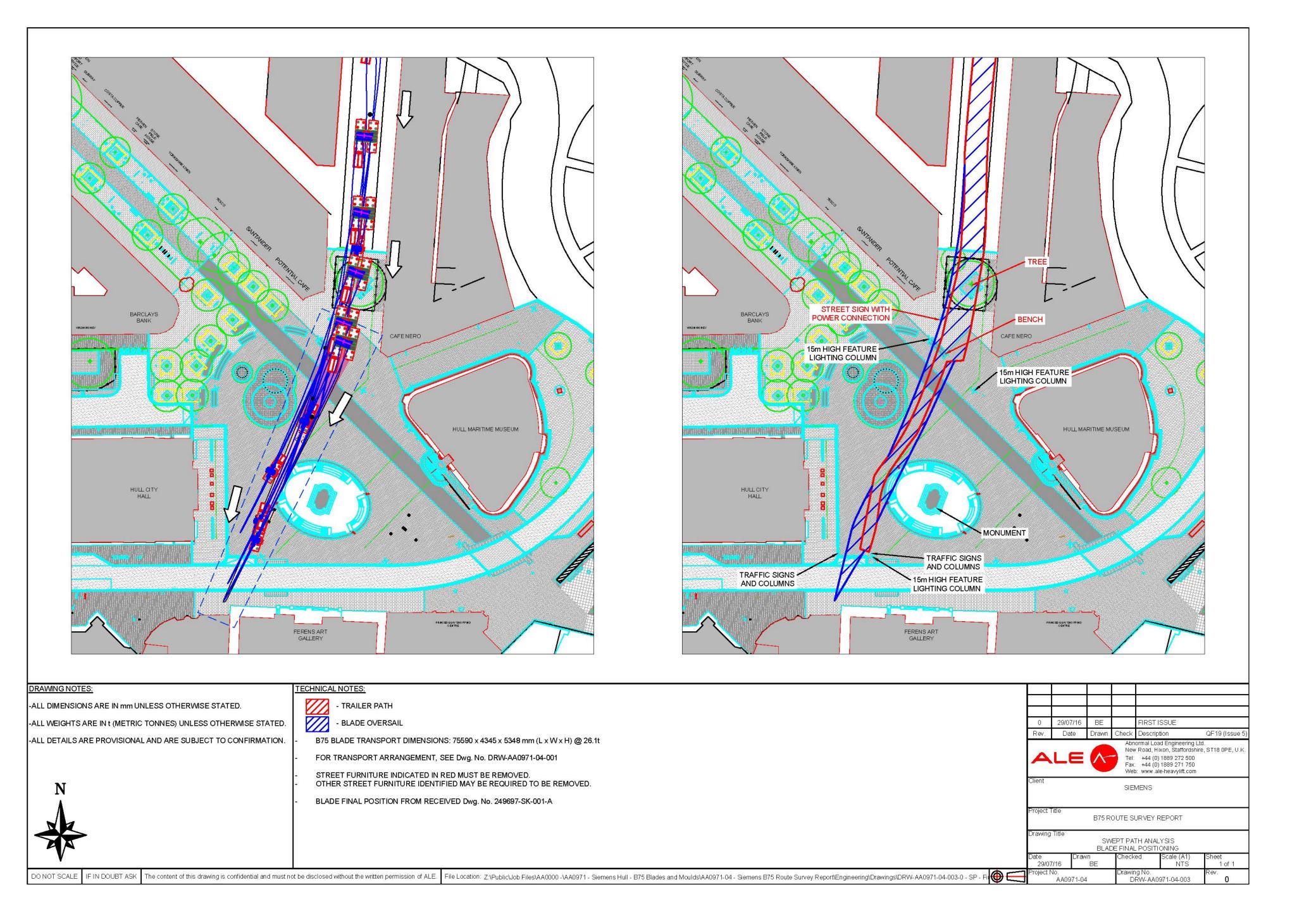










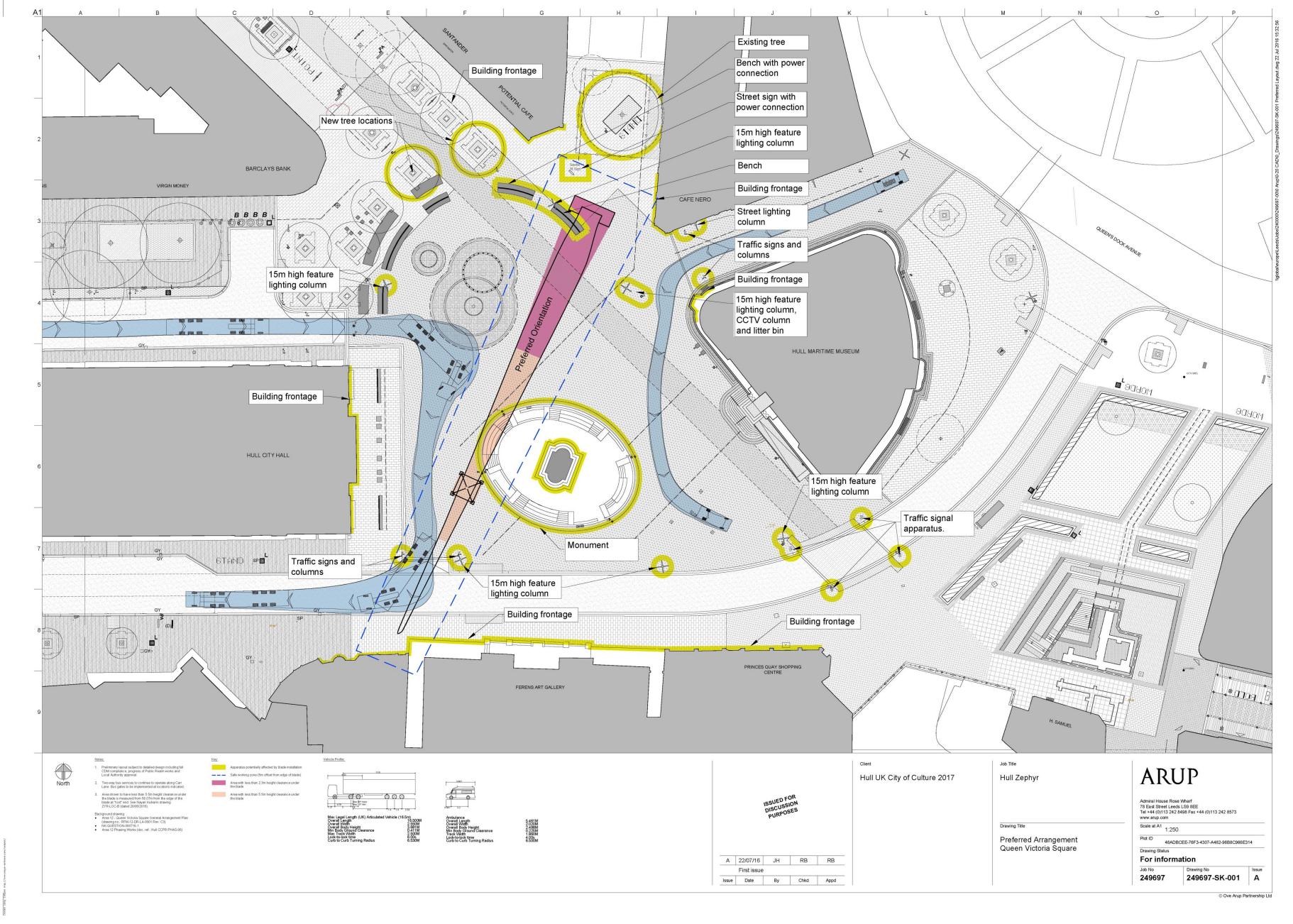


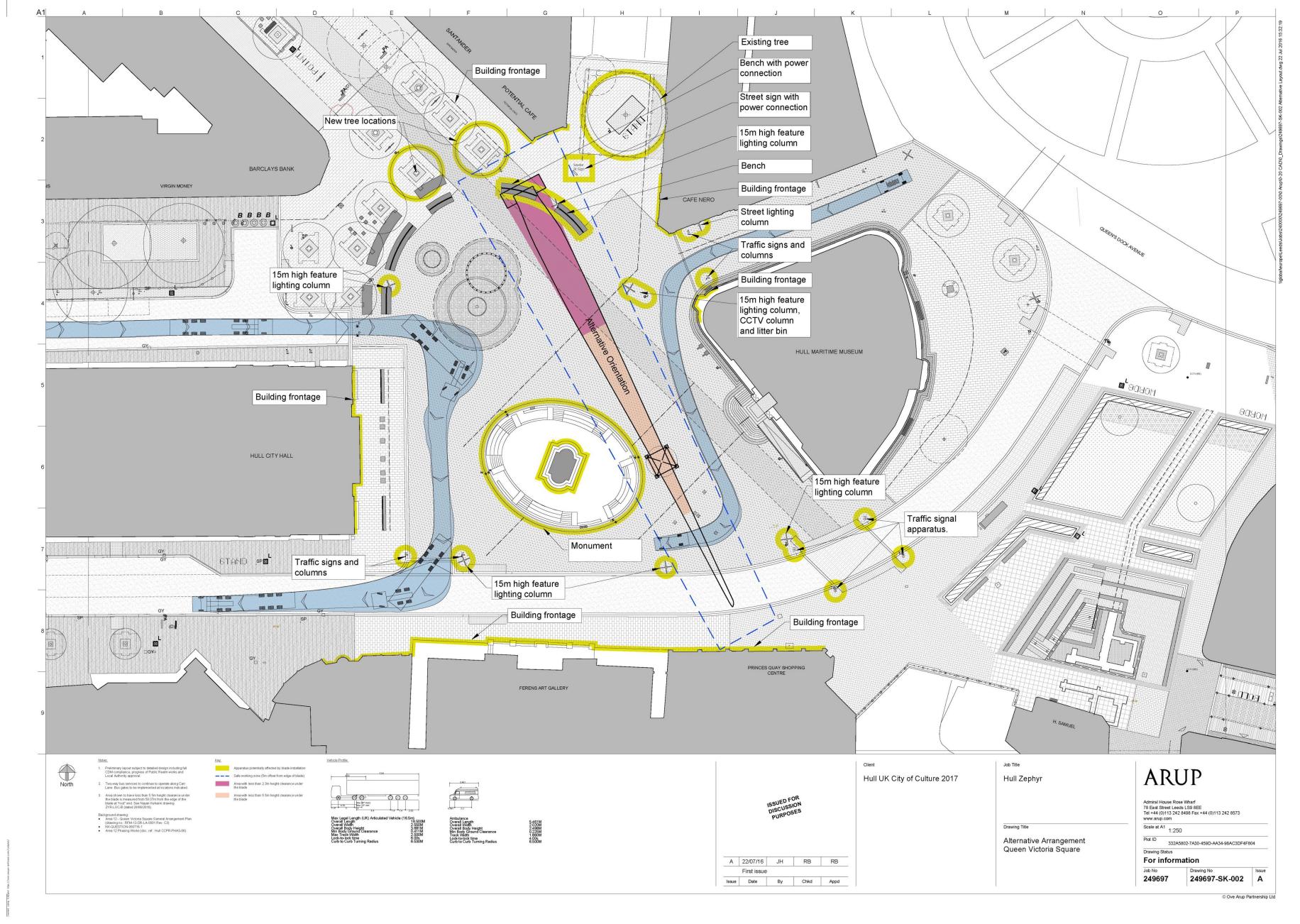




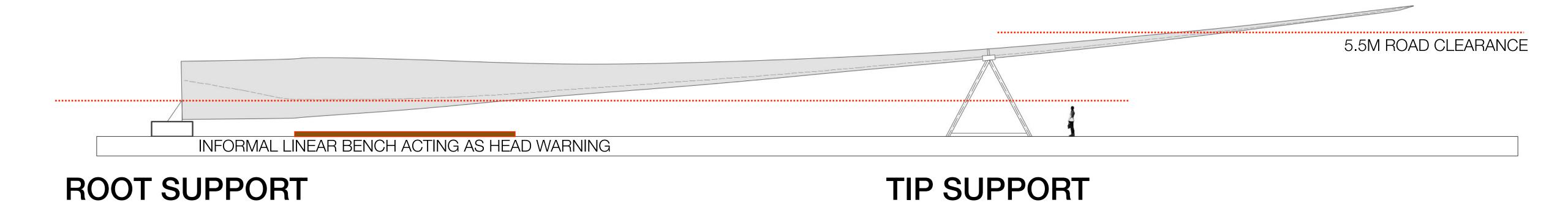








LONG ELEVATION



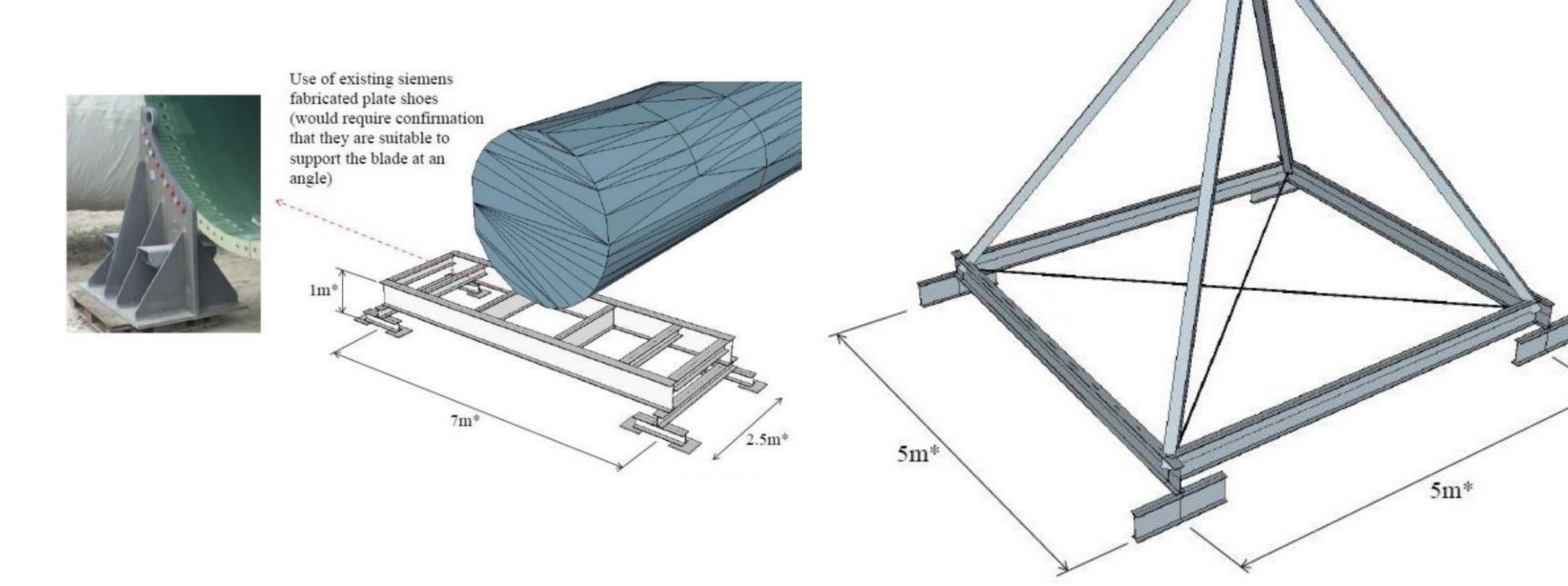
THE TWO SUPPORTS SIT ON PROTECTIVE PADS DIRECTLY ONTO THE NEW PAVED SURFACES.





PRE-FABRICATED STEELWORK STRUCTURES AT ROOT & TIP END INCORPORATING THE STANDARD FIXINGS USED BY SIEMENS.

SUPPORT CONCEPT



PROJECT

PERMISSIONS

PLANNING CONSENT

EVENT LICENSE (OR SIMILAR)

ABNORMAL LOADS LICENSE

REMOVAL/REINSTATEMENT OF STREET APPARATUS

REGULATORY SIGNS AND SAFETY BARRIERS

POLICE ESCORT

TRAFFIC MANAGEMENT/TEMPORARY TRAFFIC REGULATION ORDERS

OVERSAIL LICENSE

OWNERSHIP & MAINTENANCE

OWNERSHIP AND LIABILITIES COVERED IN THE AGREEMENT BETWEEN SIEMENS PLC AND HULL 2017 (ENTERPRISES) LTD

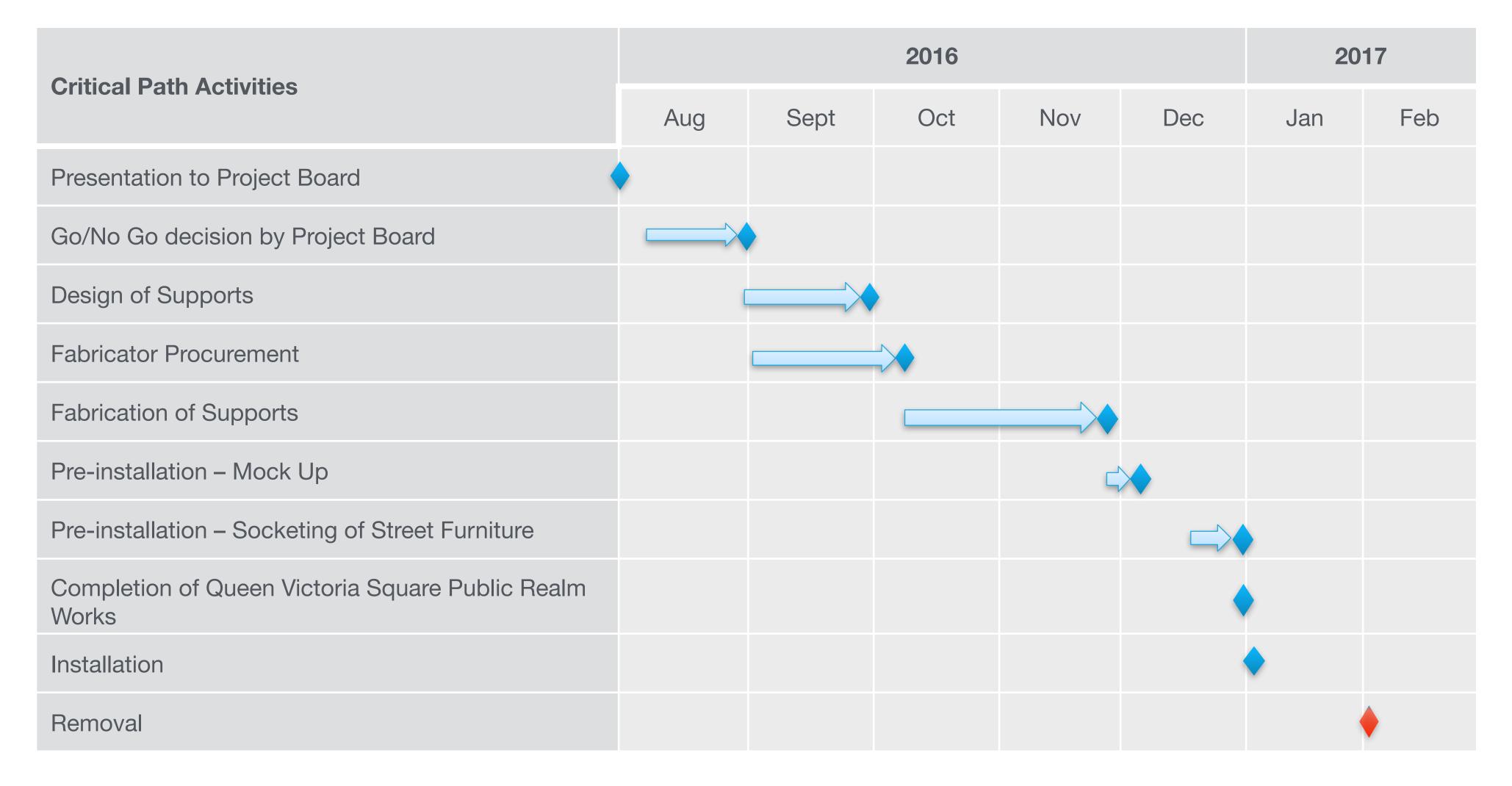
INSURANCE

SECURITY PRESENCE

SECURE DESIGN

MAINTENANCE - CLEANING, REPAIRING AND REPAINTING

PROGRAMME



PROGRAMME

	QUEEN VICTORIA SQUARE	SIEMENS FACILITY	TRANSPORT	
	COMPLETION OF SITE PREPARATION WORKS			
	ISSUE OF DETAILED INSTALLATION PROGRAMME	ISSUE OF DETAILED INSTALLATION PROGRAMME		
	OPERATIONAL TEAM BRIEFING	OPERATIONAL TEAM BRIEFING		
06:00	SITE SECURRED	BLADE PREPARED FOR TRANSPORT		
	PROTECTIVE PLATES INSTALLED			
			GANGS COMMENCE STREET-FURNITURE REMOVAL	
06:30	CRANES POSITIONED		BLADE LEAVES SIEMENS UNDER POLICE ESCORT	
08:30	STEEL SUPPORTS POSITIONED		BLADE LEAVES A63 (HIGHWAYS ENGLAND PROPERTY)	08:19 SUNRISE
			GANGS REPLACE STREET-FURNITURE	
10:00			BLADE ARRIVES IN QUEEN VICTORIA SQUARE	
	BLADE LIFTED INTO POSITION			
	BLADE SECURED ON SUPPORTS			
	SAFETY CHECK			
	BARRIER BENCHES POSITIONED			
	CRANES DEMOBILISED & REMOVED FROM SITE			
	CLEAN UP			
14:00	HAND OVER			

RESPONSIBILITIES

SIEMENS PLC
LOAN THE BLADE
TRANSPORT THE BLADE TO THE SITE AND LIFT THE BLADE ONTO THE SUPPORTS (INCLUDING THE REMOVAL AND REPLACEMENT OF STREET FURNITURE)
LIFT THE BLADE OFF THE SUPPORTS AND TRANSPORT THE BLADE OF SITE (INCLUDING THE REMOVAL AND REPLACEMENT OF STREET FURNITURE)

RISKS

DELAY TO COMPLETION OF QVS

PUBLIC INTERFERENCE DURING INSTALLATION/REMOVAL

PEOPLE COLLISION WITH BLADE

CLIMBING

STRAPS SECURING BLADE

DAMAGE TO PUBLIC REALM

FIRE

NEW YEARS EVE

HIGH WINDS DURING INSTALLATION & REMOVAL

BUDGET EXCEEDED

POLITICAL OBJECTORS

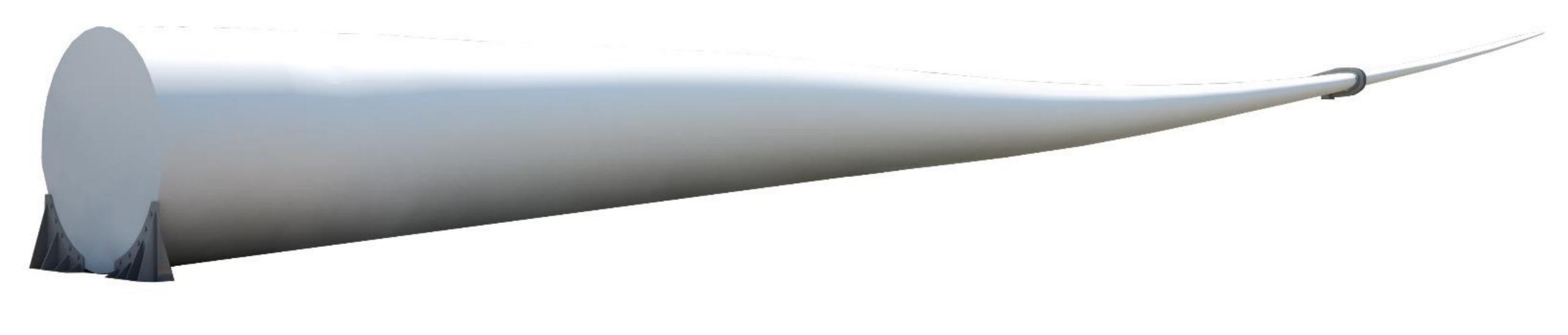
SURPRISE ELEMENT

PLANNING CONSENT IS NOT GRANTED

PLANNING CONSENT DELAYED

LEGAL ENFORCEMENT ACTION

TO CONCLUDE







SIEMENS

ARUP