



**CRANEAGE REQUIREMENT:**

- [CRANE IN CONTROL OF MAIN CONTRACTOR.]
1. ONCE THE CRANE HAS LIFTED THE TEMPORARY AHU FROM THE TEMPORARY AHU52 LOCATION, THE BIGFOOT SUPPORT FRAME IS TO BE TRANSFERRED TO THE TEMPORARY AHU76 LOCATION.
  2. THE TEMPORARY AHU CAN THEN BE TRANSPORTED AT GROUND LEVEL TO ENABLE IT TO BE LIFTED ONTO THE H-WEST PLANTROOM ROOF AND SECURED TO THE TEMPORARY FRAME.

PROPOSED TEMPORARY AHU ON ROOFTOP SUPPORT FRAMES AT 4TH FLOOR LEVEL.

EXISTING TEMPORARY AHUS ON ROOFTOP SUPPORT FRAMES AT 4TH FLOOR LEVEL.

EXISTING AIR HANDLING PLANT ON STEEL SUPPORT FRAME ON ROOF AT 4TH FLOOR LEVEL.

EXISTING AIR HANDLING PLANT ON STEEL SUPPORT FRAME ON 'H-WEST' PLANTROOM ROOF AT 5TH FLOOR LEVEL.

ACCESS TO 'H-WEST' PLANTROOM ROOF VIA ACCESS STAIRS TO THE SOUTH ELEVATION.

POND STREET

NO CRANE TO BE POSITIONED BEYOND BOUNDARY LINE WITHIN HATCHED AREA

EMERGENCY AMBULANCE ROUTE TO BE KEPT OPEN AT ALL TIMES. ALL CRANE WORKS ARE TO BE SEQUENCED TO MAINTAIN ACCESS WITH ONE SIDE OF THE ROAD OPEN AT ALL TIMES. CONTRACTOR TO ISSUE FULL METHOD STATEMENTS.

STAIR TOWER

CRANE LOCATION - APPROX. REACH 3.0T = 32m. CRANE LOCATED ALONG RADIO THERAPY HAS ROAD. ACCESS TO BE MAINTAINED AT ALL TIMES. CONSIDER OBSTRUCTION OF PLANT ROOM ON ROOF. THERE IS A WATER MAIN ALONG THIS ROAD WHICH HAS A HISTORY OF LEAKAGE AND ANY POTENTIAL CRANE WILL NEED TO SPREAD LOAD OVER A WIDER AREA THAN NORMAL. NOTE: MAXIMUM PERMITTED GROUND BEARING PRESSURE TO BE EXERTED BY CRANE TO BE 60kN PER m SQUARE.

THE CRANE IS NOT TO BE LOCATED WITH 10.0m OF THE MRI CENTRES AT GROUND LEVEL. THE HATCHED AREAS SHOW THE APPROXIMATE EXTENT OF THIS. HATCHED 10.0m EXCLUSION ZONE IS FOR ALL CONSTRUCTION TRAFFIC DUE TO MRI MACHINE LOCATIONS.

ALTERNATIVE CRANE LOCATION - (SUBJECT TO AGREED AND PLANNED SHUTDOWN OF ADJACENT MRI(S) - TBC BY USERS). APPROX. REACH 3.0T = 32m. CRANE LOCATED ALONG RADIO THERAPY HAS ROAD. ACCESS TO BE MAINTAINED AT ALL TIMES. CONSIDER OBSTRUCTION OF PLANT ROOM ON ROOF. THERE IS A WATER MAIN ALONG THIS ROAD WHICH HAS A HISTORY OF LEAKAGE AND ANY POTENTIAL CRANE WILL NEED TO SPREAD LOAD OVER A WIDER AREA THAN NORMAL. NOTE: MAXIMUM PERMITTED GROUND BEARING PRESSURE TO BE EXERTED BY CRANE TO BE 60kN PER m SQUARE.

RADIO THERAPY (HAS) ROAD. ACCESS TO BE MAINTAINED AT ALL TIMES TO THE HEART & STROKE ENTRANCE.

AREA UNDER CONSTRUCTION FOR THE INSTITUTE BUILDING PROJECT

--- DENOTES APPROXIMATE LINE OF CONTRACTOR'S HOARDING LINE FOR THE INSTITUTE BUILDING CONSTRUCTION PROJECT.

LIGHTWELL

WEST WING

ESTIMATED MAXIMUM REACH AND LOAD REQUIRED AT THIS LOCATION.

ESTIMATED MAXIMUM REACH AND LOAD REQUIRED AT THIS LOCATION.

T2	29/09/2016	CRANE LIFT DETAILS ADDED FOR REMOVAL OF EXISTING TEMPORARY AHUS AND LIFTING OF NEW TEMPORARY AHU. ISSUED FOR TENDER.	MDG
T1	15/09/2016		MDG
Rev:	Date:	Description:	Initials:

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Client: ROYAL FREE LONDON NHS FOUNDATION TRUST

Project: AHUs 71, 72, 73 & 74 REFURBISHMENT

Drawing Title: HAS ROAD CRANE LIFTING PLAN

Scales: 1:200 @ A1 UOS

Originated: MDG Date: SEP 2016  
 Checked: DW Date: SEP 2016

Drawing Number: 16-1200-SL-009

Revisions: T2 Status: TENDER

KEY STAKEHOLDERS REQUIRING COORDINATION:  
 - RPH ESTATES  
 - RADIO THERAPY DEPARTMENT (MRIs)  
 - HEART & STROKE UNIT  
 - INSTITUTE BUILDING CONTRACTOR

NOTE: MAXIMUM PERMITTED GROUND BEARING PRESSURE TO BE EXERTED BY CRANE TO BE 60kN PER m SQUARE.