Network Rail

King's Cross Station Redevelopment Programme Package 6 GRIP 6

Listed Building Consent Application (Reference 2006/3394/L); Condition LB020; All New Works in the Historic Fabric

Job No 123345

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Subsection LB20A xviii

Issue 4.0
Issue for Acceptance

Network Rail

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Subsection LB20A xviii

February 2010

This report takes into account the particular instructions and requirements of our client. It is not intended for and should not be relied upon by any third party and no responsibility is undertaken to any third party



ARUP

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Introduction

1 Purpose of Submission

The Listed Building Consent Reference 2006/3394/L for King's Cross Station Redevelopment includes Condition LB20 requiring approval of all new works. It comprises 19 subsections which will be submitted in stages. This is the second submission. Future submissions will be made in consultation with LB Camden.

The purpose of this submission is to fulfil the requirements of Condition LB20A xviii.

1.2 Details of Relevant Consent Conditions

Listed Building Consent Item LB020A xviii states:

Elevations, plans and sections (minimum scale 1:20) showing the interface between new southern elements of the western (suburban) shed and the main concourse.

1.3 Description of Relevant Works

1.3.1 LB20A xviii

Interface between STS and WCC roof

A walkway separates the Western Concourse Roof and the Suburban Train Shed. This is needed for access and maintenance. The underside is clad with stainless steel to contain structural support and services.

Appendix A

List of Abbreviations

A1 List of Abbreviations

AIP—Approval in Principle

BS—British Standard

CAD—Computer Aided Drafting

C&S - civil and structural

CCMS—Corporate Content Management system

CCTV—Closed Circuit Television

CDM—Construction (Design & Management)

CIS—Customer Information System

DDA—Disability Discrimination Act

DRA—Designer's Risk Assessment

DfT—Department for Transport

EACS - Electronic Access Control System

EMC - Electro Magnetic Compatibility

ER—Employer's Representative

ERB - Eastern Range Building

FCC- First Capital Connect (a TOC)

FSR - Fire Strategy Report

FSW - Footbridge and subway works

FAS - Fire Alarm System,

GNH - Great Northern Hotel

GRIP - Guide to Rail Investment Projects

HAZOP - Hazard Operability Studies

HAZID – Hazard Identification

HSQE - Health, Safety, Quality & Environment

IDC - Inter-Discipline Check

IP – Ingress Protection

ITA - Independent Technical Assessment

ITP - Inspection & Test Plan

KXRP - King's Cross Station Redevelopment Programme

LMR - Lift Motor Room

LNE - London North Eastern

LPR - Link Plant Room or Network Rail Plant Room

LUL – London Underground Limited

MEP - Mechanical Electrical and Public Health Services

MFTC - Multi Discipline Framework Consultancy

MIP - Mobility Impaired Person

MTBF – Mean Time Between Failures

MTS - Main Train Shed

MTTR - Mean Time to Repair

NRPR - Network Rail Plant Room or Link Plant Room

NR - Network Rail

NRG - Network Records Group

NRSP - National Rail Security Programme

NTH - Northern Ticket Hall

O&M - Operation and Maintenance Manual

OBS - On Board Servicing

OLE - Overhead Line Equipment

PAVA - Public Address / Voice Alarm

PMO - Programme Management Office

PPE - Personnel Protective Equipment

PV - Photo-voltaic

QA - Quality Assurance

RAM - Reliability, Availability, Maintainability

RIBA - Royal Institute of British Architects

RICS - Royal Institution of Chartered Surveyors

ROGS - Railway and Other Guided transport Systems

SCN - Station Change Notice

SCR - Station Control Room

SMM7 - Standard Method of Measurement (for Building Works) 7th Edition

SOR—Station Operations Room (included in and synonymous with Station Control Room)

SSY - Shared Service Yard

STS - Suburban Train Shed Buildings

TBS - Task Briefing Sheet

TOC - Train Operating Company

TRANSEC - Transport Security

VE - Value Engineering

WCC - Western Concourse (Package 6) - synonymous with WCR

WCR - Western Concourse (Package 6)

WI - Works Information

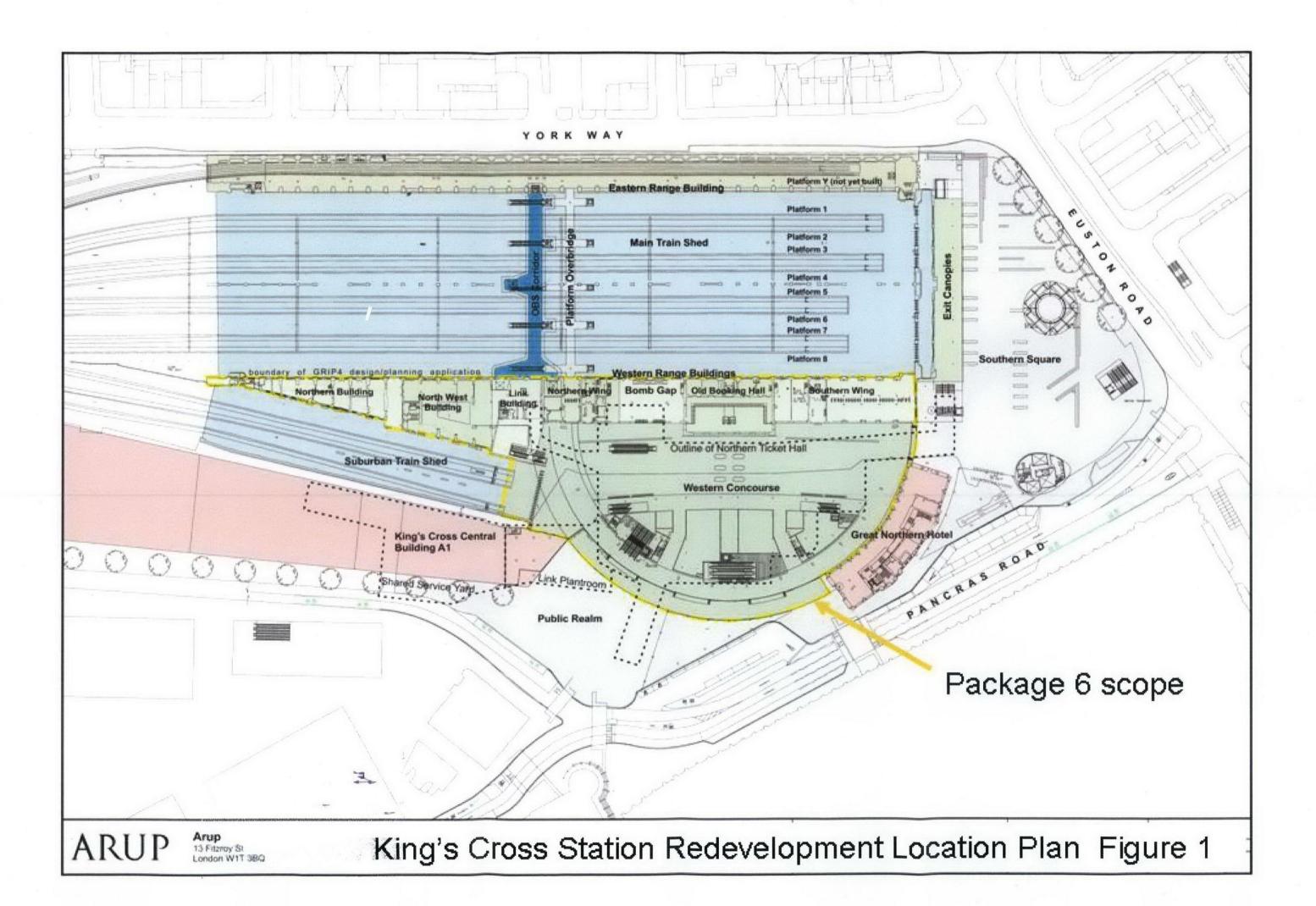
WRB - Western Range Buildings (Package 6)

WBS - Work Breakdown Structure

WPP - Work Package Plan

Appendix B

Location Map



Appendix C

Drawings

C1 LB20 Planning Consent Condition 20A xviii

C1.1 LB20A xviii

The following drawings indicate plans, sections and details of the interface between the STS and the WCR as required for consent condition LB20A xviii:

Number	Title	Rev
STS-CAP-0242	Suburban Tran Shed, Roof Plan	04
STS-CAD-2552	Suburban Train Shed, Roof Detail Cross Section	01
STS-CAE-0530	STS, Unfolded South Elevation, Level 01	02

