

# Civil, Structural and Building Engineering Independent Design Check Certificate

Reference:	IDC 03
Revision:	01

INVESTMENT NO:	20695
INVESTMENT TITLE:	Littlebrook 400kV Substation Project
SITE/ROUTE NAME:	Littlebrook

On behalf of Balfour Beatty T & D, I certify that all the reasonable skill, care and attention to be expected of a qualified and competent professional engineer in this field has been exercised in carrying out an independent check of the design relating to the following element(s) of the permanent works;

## Structures: GIS Building – Blockwork Details

with a view to securing that;

- The design is in accordance with the requirements of the Design Intent Document (DID), the relevant National Grid Technical Specifications and Design Handbooks and any other related documentation,
- The independent check complies with the requirements of UKBP/TP188,
- The design details have been accurately referenced and translated onto drawings and supporting construction documentation, the unique numbers and descriptions of which are as follows:

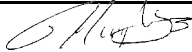
Drawings		
Number	Revision	Title
16/BB/0465	P02	BLOCKWORK LAYOUT
16/BB/0467	P03	BLOCKWORK DETAILS
31/BB/0238	P04	TYPICAL SECTION
31/BB/0240	P04	EXTERNAL ELEVATIONS
31/BB/0241	P04	EXTERNAL ELEVATIONS
32/BB/0042	A	SWITCH HALL AND ANNEX DOOR SCHEDULE

## Supporting Construction Documentation *(calculations may be referenced in this section as appropriate)*

Number	Revision	Title

## Independent Design Checking Engineer

*I confirm that the information supplied below is true and accurate and that my professional registration is valid. I understand that National Grid reserve the right to conduct checks as to the accuracy of this information.*

Name	Gordon Humphreys	Professional Qualifications <sup>1</sup>	MEng, CEng, MStructE
Signature <sup>3</sup>		Registration Details <sup>2</sup>	021117459
Date	31/03/20	Employing Organisation	BB

### Notes:

- CEng, MICE, MStructE or equivalent qualification relevant to the scope of the design
- For example Engineering Council registration number and date of expiry

# Civil, Structural and Building Engineering Independent Design Check Certificate

<b>Reference:</b>	IDC 03
<b>Revision:</b>	01

3. By signing this, you are confirming that all data is accurate and valid, NG reserves the right to periodically check the accuracy of data/qualifications when they see fit