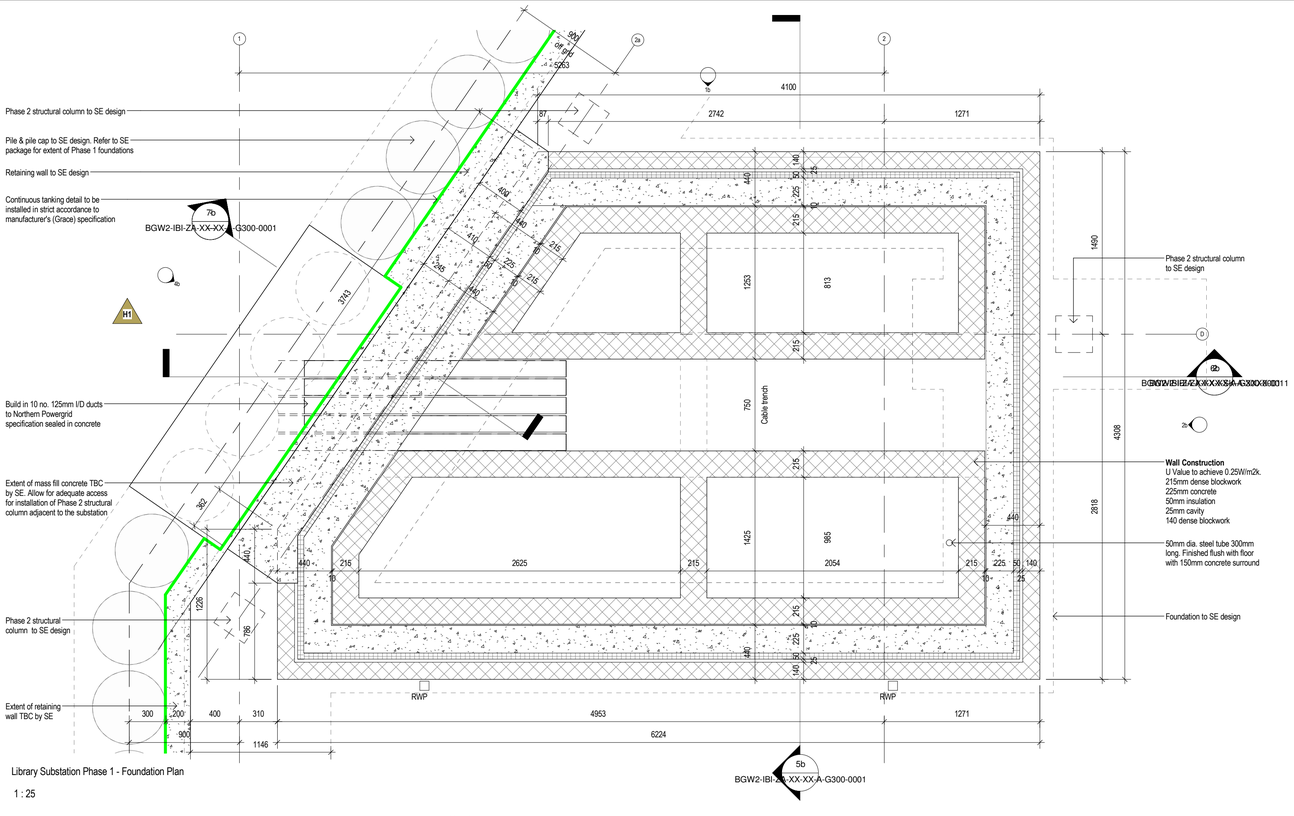
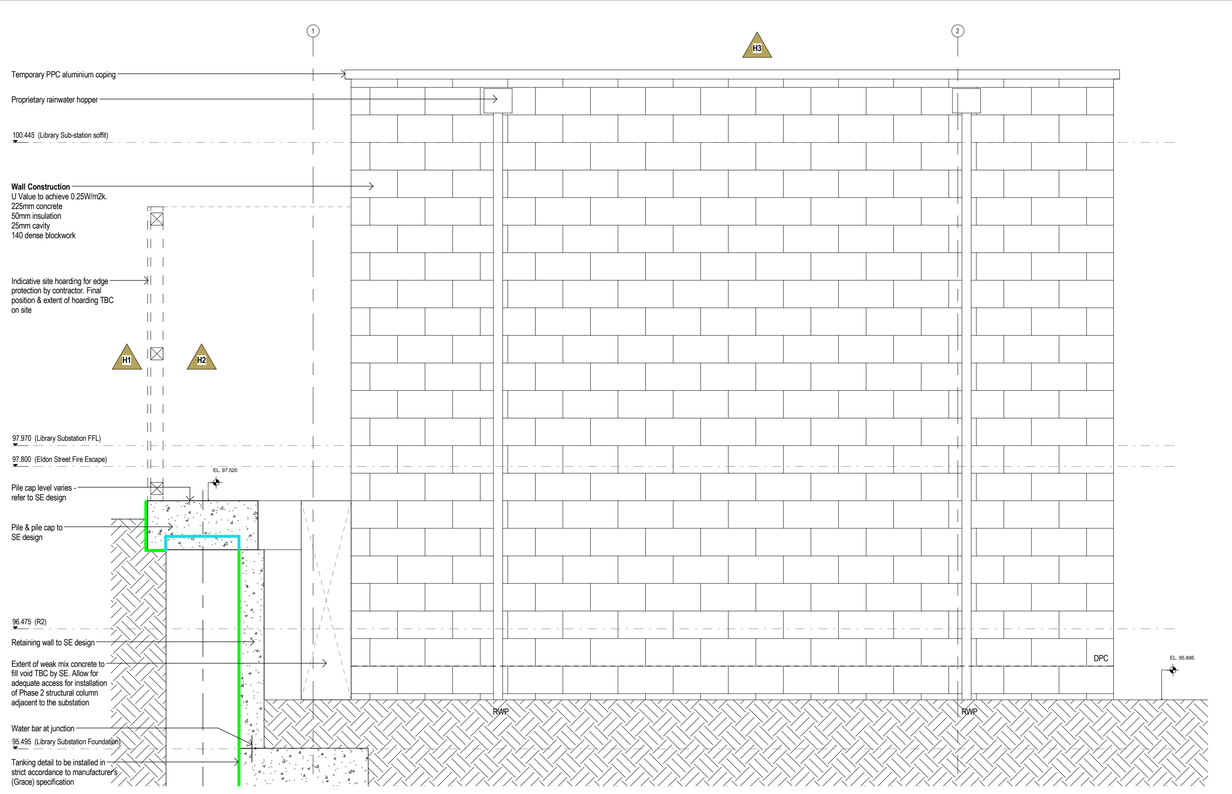


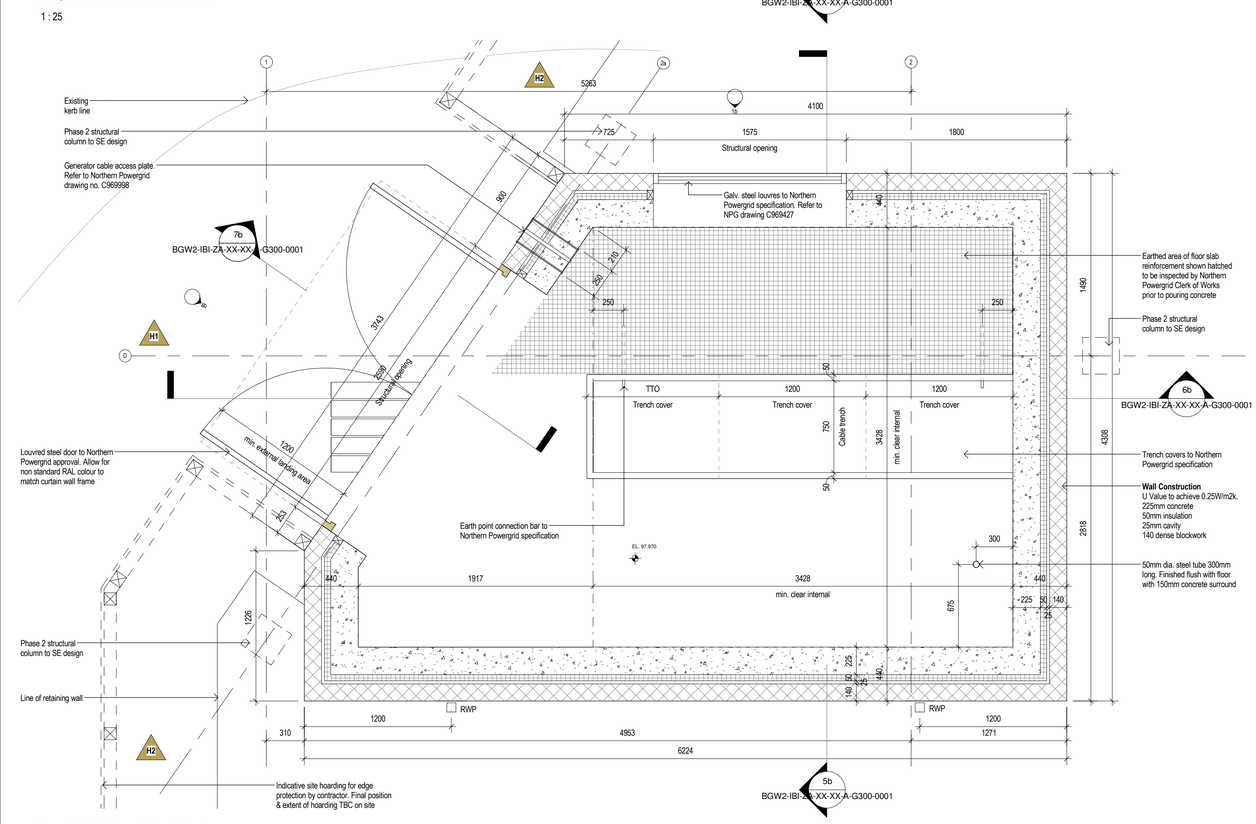
Library Substation Phase 1 - Foundation Plan

1 : 25



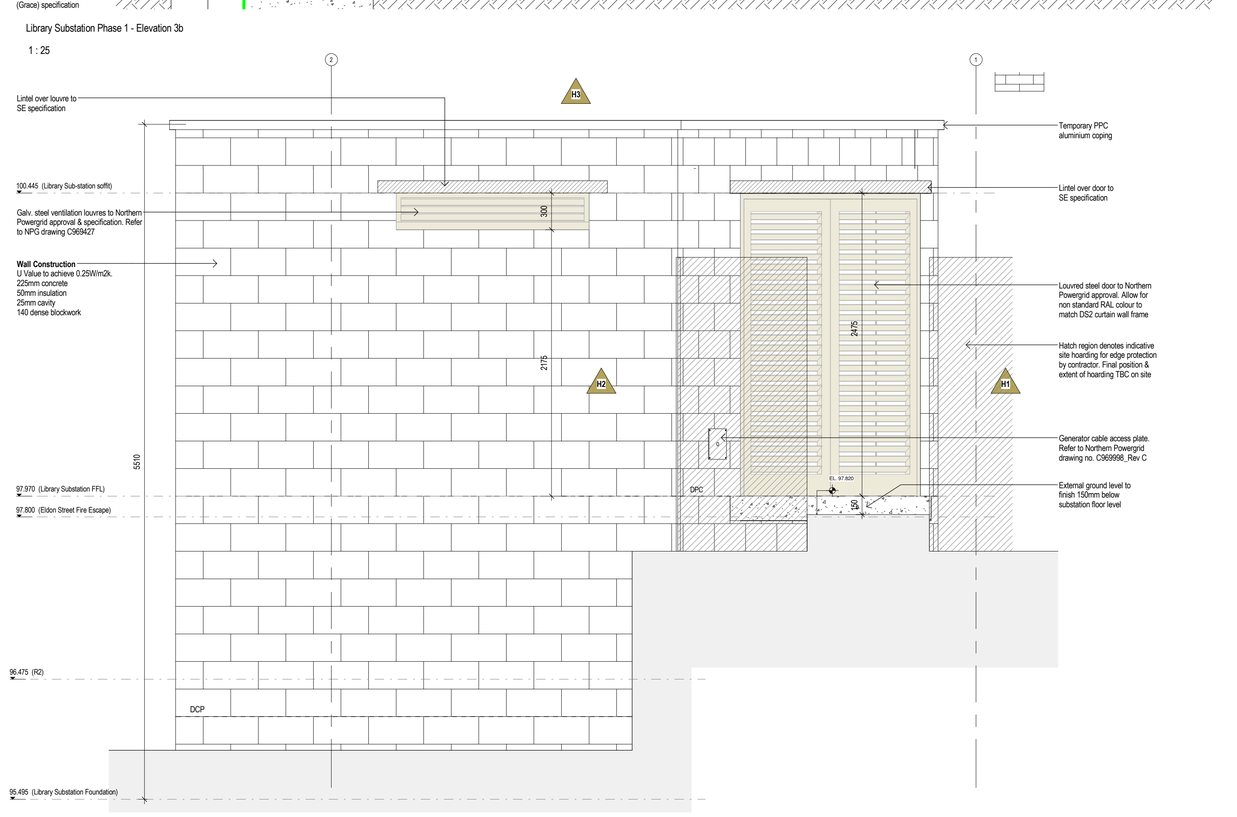
Library Substation Phase 1 - Elevation 3b

1 : 25



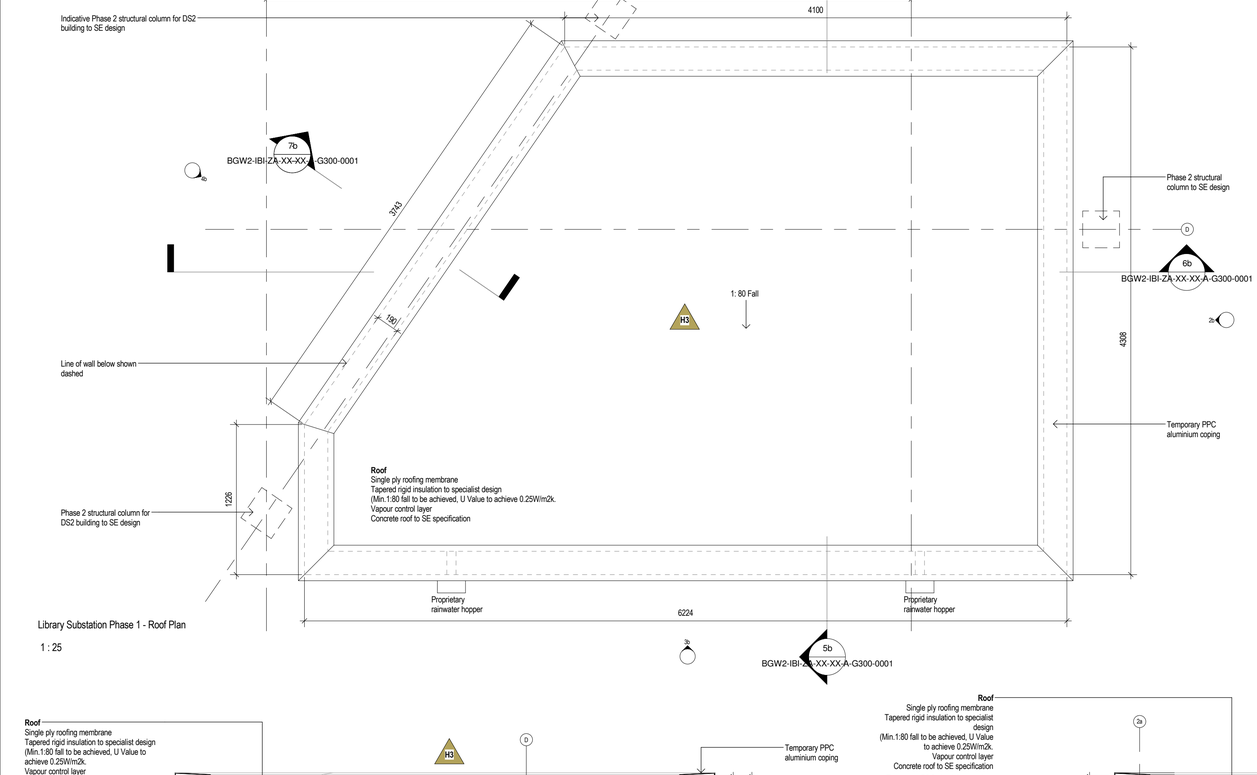
Library Substation Phase 1 - Ground Floor Plan

1 : 25



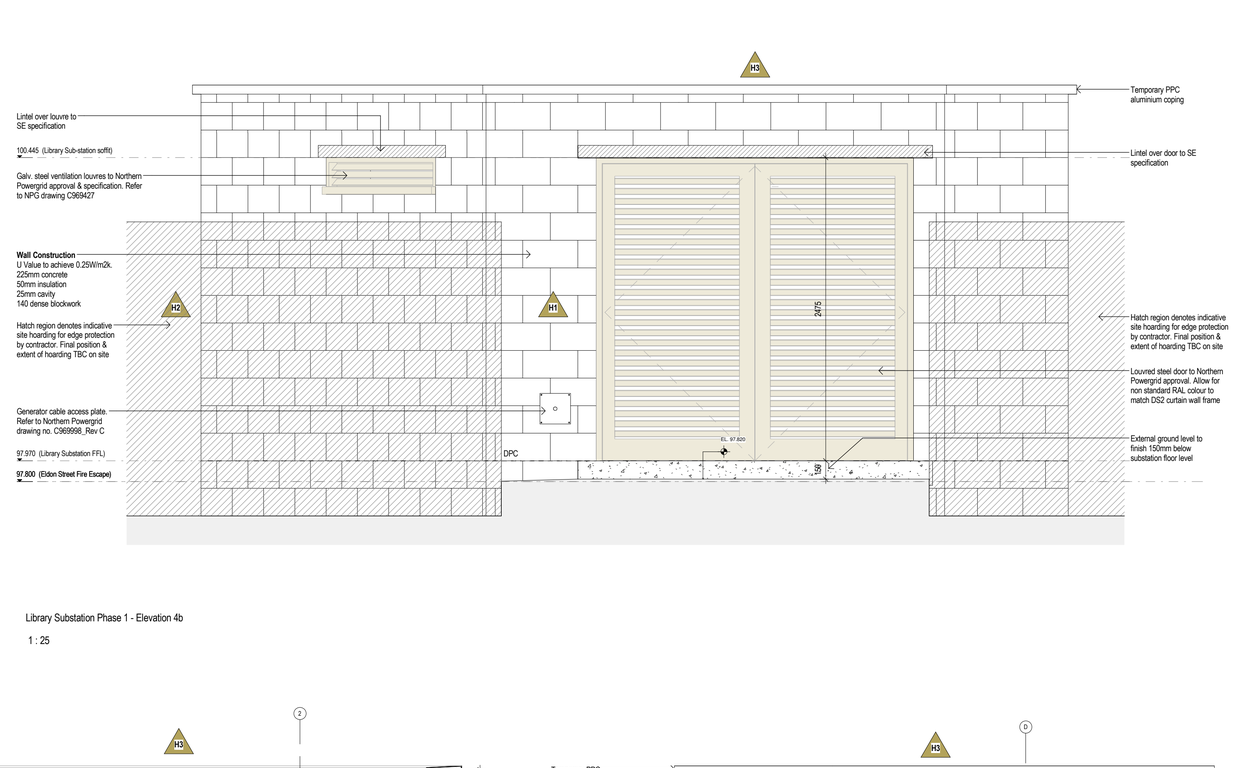
Library Substation Phase 1 - Elevation 1b

1 : 25



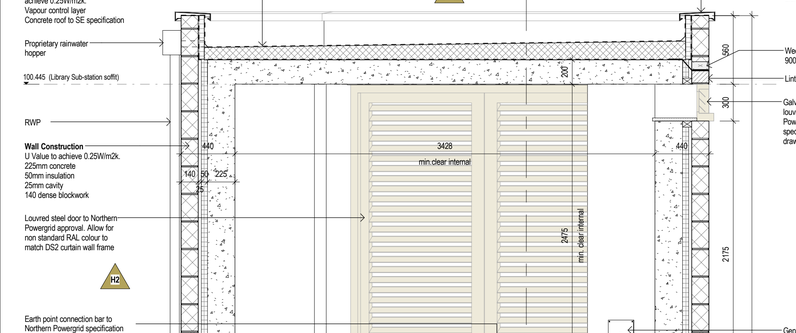
Library Substation Phase 1 - Roof Plan

1 : 25



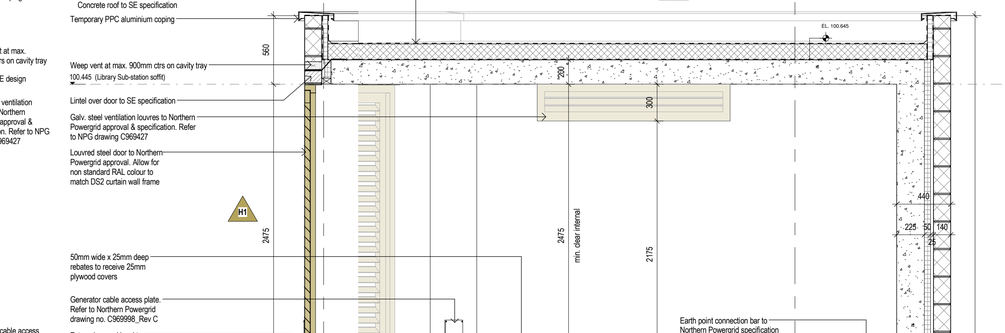
Library Substation Phase 1 - Elevation 4b

1 : 25



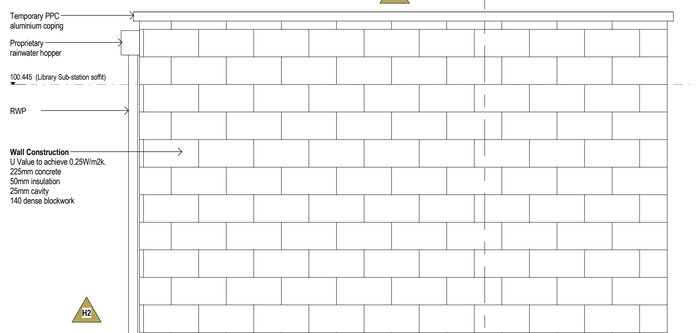
Library Substation Phase 1 - Section 5b

1 : 25



Library Sub-station Phase 1 - Section 6b

1 : 25

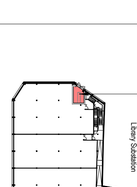


Library Substation Phase 1 - Elevation 2b

1 : 25

Notes:
- This drawing is copyright.
- Do not scale from this drawing.
- This drawing is to be read in conjunction with all other relevant drawings.
- All dimensions are in millimetres unless noted otherwise.
- Contractor to verify all dimensions on site before any work is started.
- Any discrepancies on this drawing are to be reported to the architect.
- Refer to Northern Powergrid drawing no. C969998_Rev C for detailed Cable Access Details
- This drawing only for purpose(s) issued

The following external model files are included within this drawing:



0 2 4 6 8 10m
1:25 Scale

Note:
This drawing is to be read in conjunction with NBS specification BGZ2-IBI-ZA-XX-SP-A-
- C926317 - Rev B_315-1000kVA Style in UDE in Masonry Enclosure
- C926777 - Rev C_Generator Cable Access Details
- C969998_Rev C_Generator Cable Access Details
- C978943_Rev E_Earth Point Connection Details
- C1010063_REI C_Internal Power and Lighting Details for 315-1000kVA Style in UDE Substation

BSTC Risk Review - Pre Construction

Background
- ZA Project part of a wider Bother Barnsley Town Centre Development. Ongoing major refurbishment of Town Centre. Refer to NPS phasing and programme for adjacent works.
- Client: Barnsley Metropolitan Borough Council (BMBC)
- Contractor appointed - Henry Boot Construction Limited (HBCL)
- Principal Designer appointed as Principle Designer for all Phase 1 BSTC development projects.
- Refer to Mott MacDonald demolition plans

Available Surveys
- Historical surveys of existing building and Topographical survey record
- Asbestos Survey for existing site
- Asbestos Survey for existing building
- Bat / Ecology statements

Surveys Required
Demolition contractor to record position of existing services stopped and capped as part of demolition.
Demolition contractor to confirm identification of existing services remaining live on site.
Demolition site investigations to confirm any ground contamination / remediation required.

BSTC Residual Design Risks considered
Working at height - refer to RAMS demolition method statement and risk assessments.
- Low parapet. No access onto roof for maintenance.
- Line substation.

Construction Risks
- Site logistics plan prior to commencement of main contract works.
- Site access and storage within busy Town Centre site location. Contractor to advise.
- Refer to Mott MacDonald demolition plans. Contractor to provide details of existing services. If non existent contractor to undertake investigations prior to commencement of any below ground works.
- Refer to utilities survey for location of live perimeter services.

Retained Hazards

Demolition Risks
Refer to demolition plans and MMD demolition strategy.

Live services along Eldon and Kendray Street to be investigated and diverted as part of enabling works. Clear working zone to be established.

Construction Risks
H1 Existing (H) centre site. Contractor site management plan required to show site working, deliveries and safe drop off areas to site.
H2 Site hoarding for edge protection.

Future Maintenance
H3 Low parapet wall. No access onto roof for maintenance. Cherry Picker required for visual inspection and maintenance of rainwater hopper only.
H7 Line substation. Any alteration to Phase 1 substation is to be agreed with Northern Powergrid.

Waterproofing Key

	Proplyfe 200 Plus
	Bituthene 8000
	Bituthene Flex System
	Bituthene LM
	DPC

All waterproof membranes to be dressed, lapped and sealed according to manufacturer's installation details.

Rev.	Date	Revision Notes	Drawn	Review
P07	06/12/17	Duct seal to concrete removed	EA	SL
P06	04/12/17	Trench depth revised	EA	SL
P05	30/11/17	Waterproofing added	EA	SL
P04	27/09/17	D2 - Suitable for Tender	WL	SL
P03	26/09/17	Updated in line with SE coordination	WL	ASITE
P02	25/09/17	Issue for coordination	WL	EA
P01	25/07/17	Issue for coordination	WL	EA

Client
Barnsley Metropolitan Borough Council

Project
The Glassworks, Barnsley
Development Site ZA

IBI Intelligence Buildings Infrastructure
www.ibigroup.com

Drawing Title
Library Substation - Phase 1

Job Number	Date Created	Purpose	Status Code
30727			PAS 1192
Scale@A1			
As indicated			
Drawing Number			Revision
BGW2-IBI-ZA-XX-XX-A-G300-0001			7