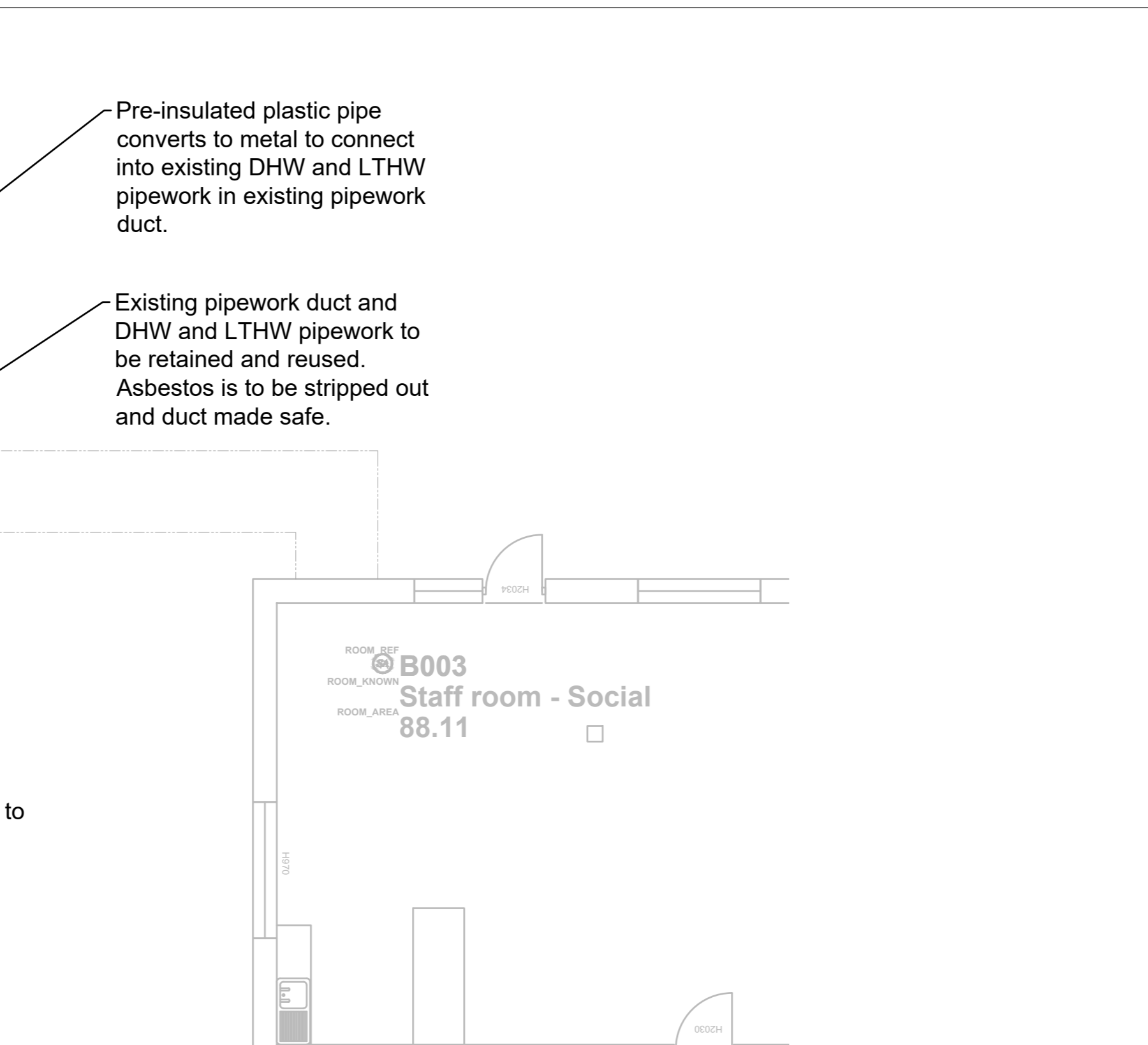
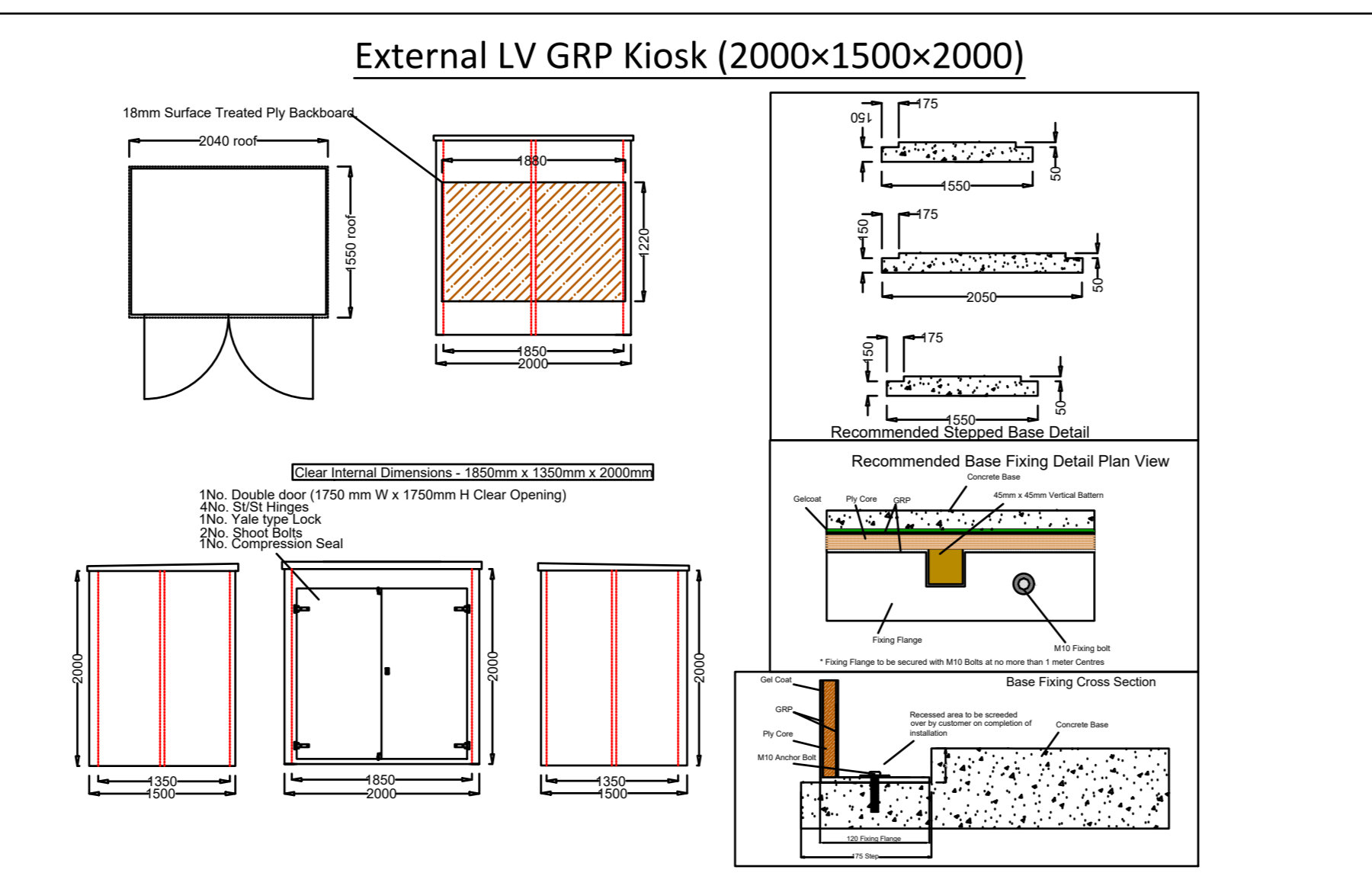
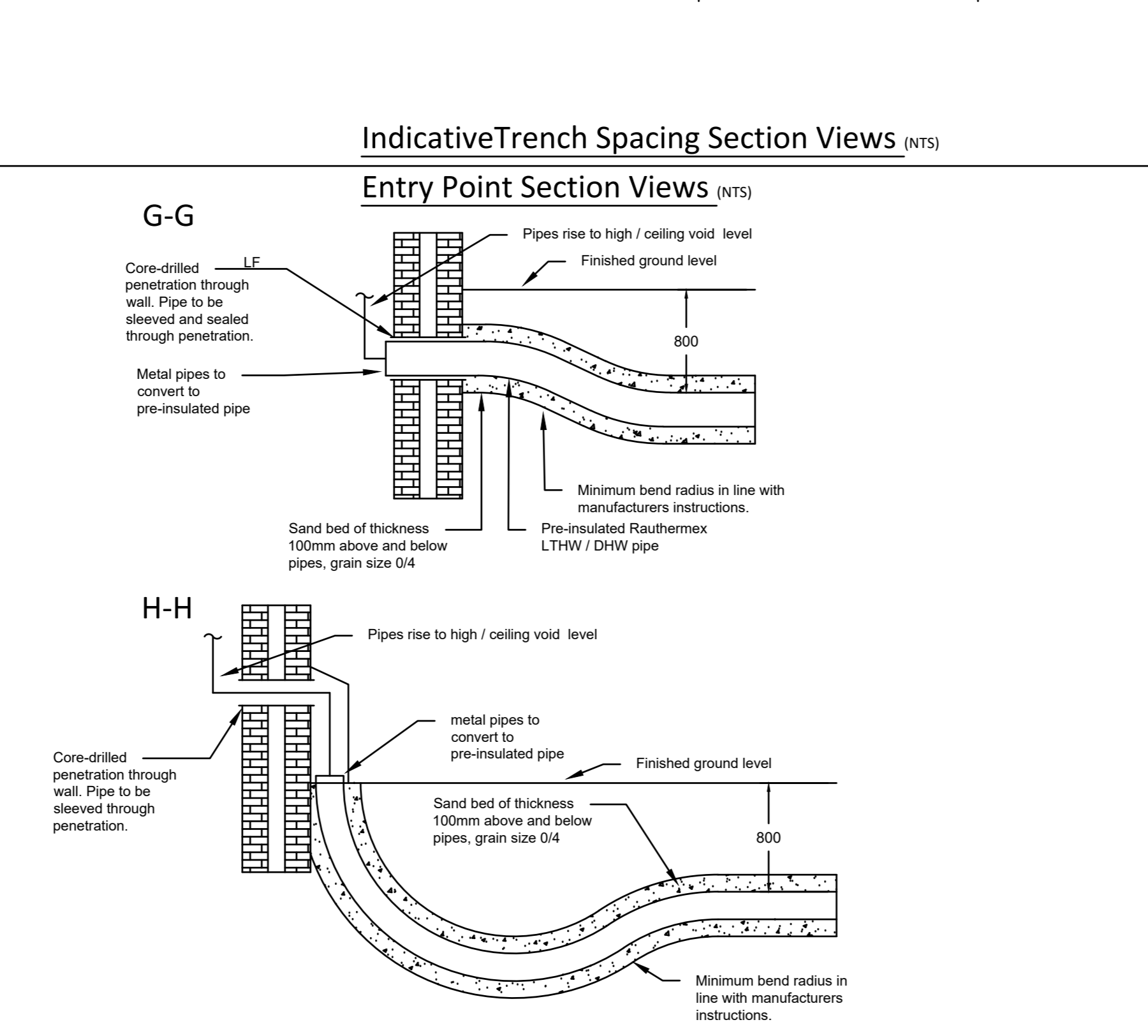
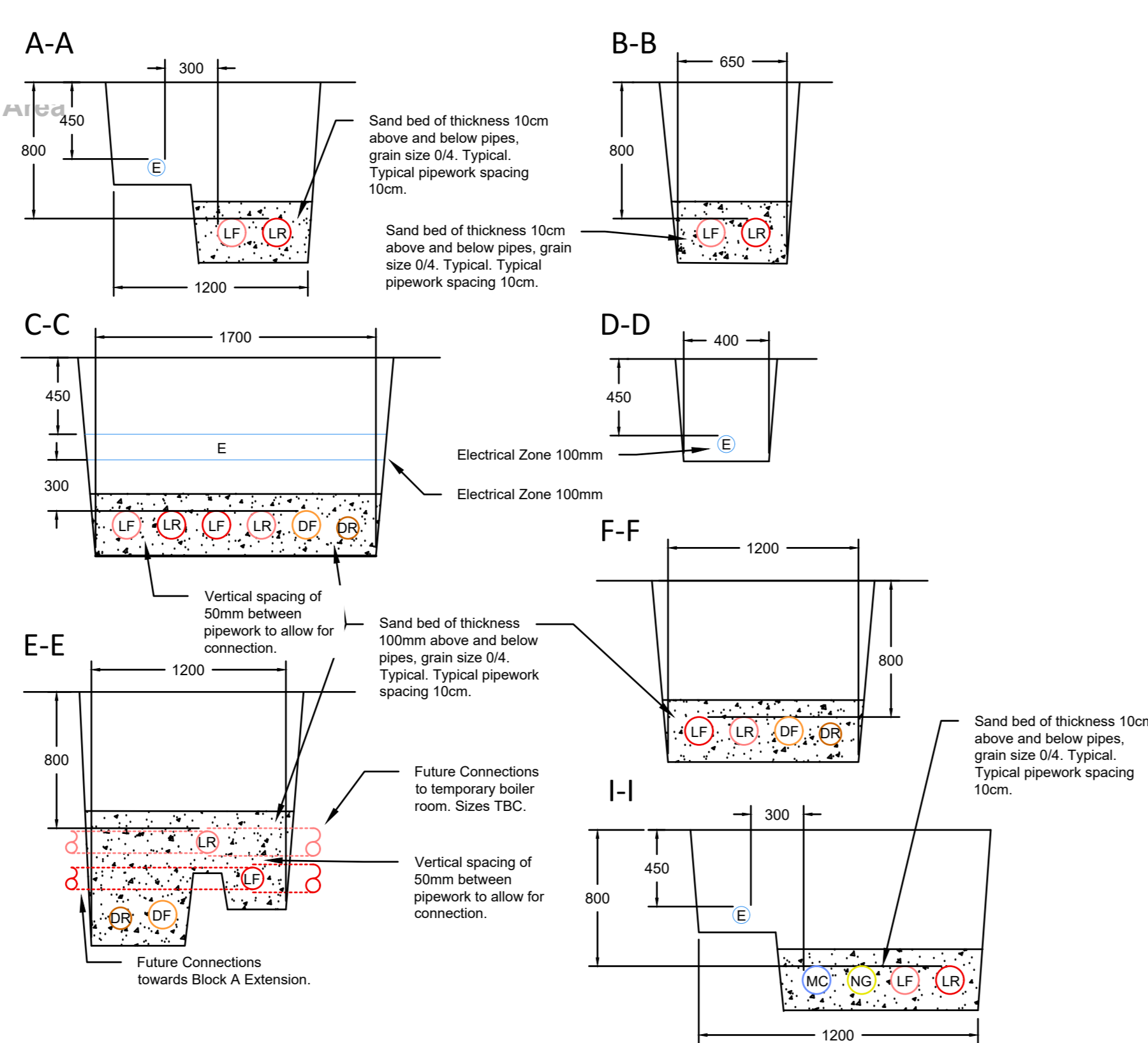
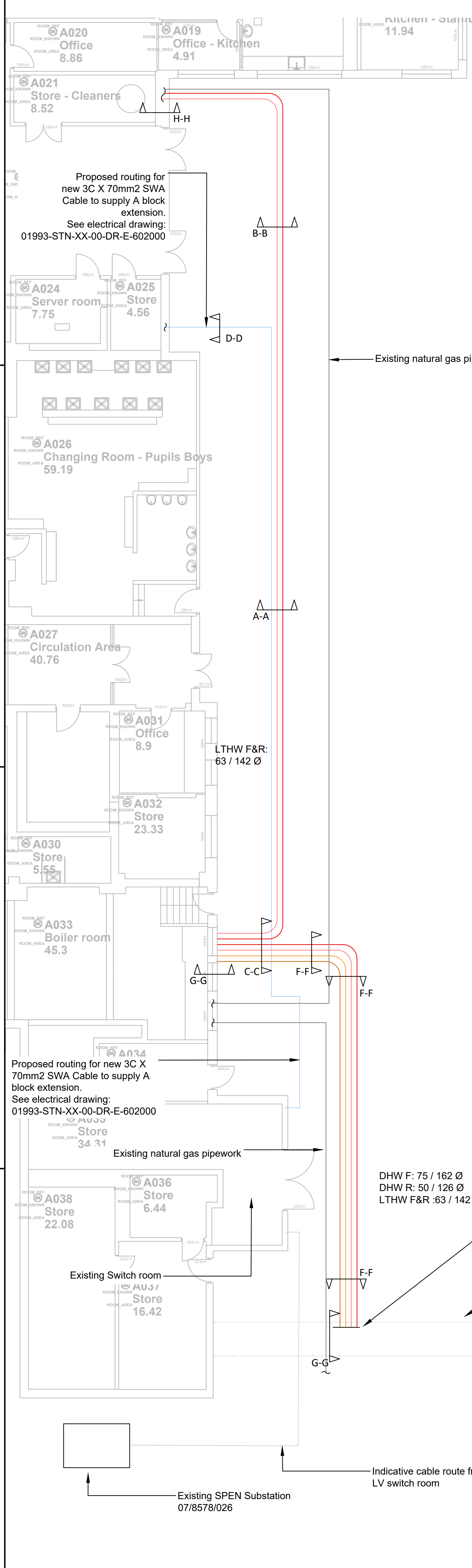
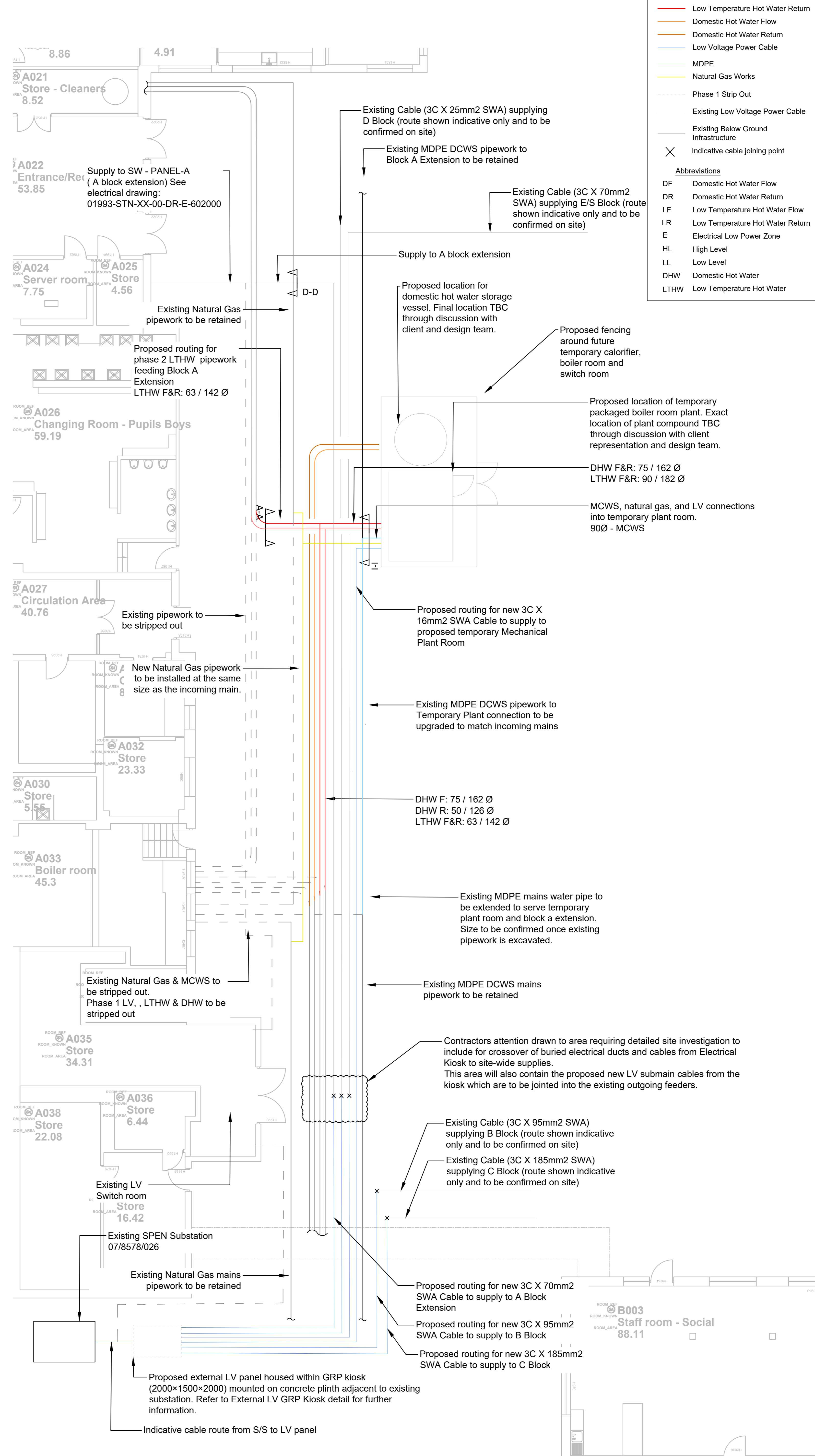


Phase 1



Phase 2



Legend

- Low Temperature Hot Water Flow
- Low Temperature Hot Water Return
- Domestic Hot Water Flow
- Domestic Hot Water Return
- Low Voltage Power Cable
- MDPE
- Natural Gas Works
- Phase 1 Strip Out
- Existing Low Voltage Power Cable
- Existing Below Ground Infrastructure
- Indicative cable joining point

Abbreviations

- DF Domestic Hot Water Flow
- DR Domestic Hot Water Return
- LF Low Temperature Hot Water Flow
- LR Low Temperature Hot Water Return
- E Electrical Low Power Zone
- HL High Level
- LL Low Level
- DHW Domestic Hot Water
- LTHW Low Temperature Hot Water



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The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.

Colour Disclaimer
This drawing has been documented in colour. This drawing is required to be printed in colour. Failure to do so may result in loss of information. Black and white printing may be used if specific block and white documents have been obtained from Stantec.

- Notes**
- All dimensions are to be checked on site before the commencement of the works. Any discrepancies are to be reported to the engineers for verification. Figured dimensions are only to be taken from this drawing.
 - This drawing is to be read in conjunction with all relevant engineers and service engineers drawings and specifications. This drawing is copyright.
 - All levels are subject to further design development, refer to latest landscape layouts for further information.
 - The locations of cable draw pits are indicative only, these are to be installed at every change of direction and at regular points on long cable runs.
 - All cable and duct routes are indicative only, further coordination with other and existing services is required.
 - The point of connections for all incoming services are to be agreed with the associated utility provider.
 - The contractor shall carry out additional GPR surveys prior to any installation works.
 - The design intent is based on utilising combined services trenches wherever possible. However, the contractor shall coordinate new installations with the existing infrastructure.
 - As part of the Phase 1 enabling works, the incoming cable supplying DB for A block extension (serving the assembly, catering, and hall areas within Block A extension) currently routed through the original Block A building shall be removed and rerouted externally. This cable diversion shall be installed underground, directly buried in a new trench outside the demolition zone to maintain continuous power supply to the Block A extension.

- PHASE 2**
- Cable routes indicated are schematic and subject to confirmation on site. Final routes shall be agreed and adjusted as necessary to suit actual site conditions, with suitable routing selected to avoid existing services, and other constraints.
 - Cables to each building shall be terminated at the main LV distribution board within that building. The existing distribution boards and termination points inside each building shall be identified on site and confirmed prior to any connection works.
 - Cable sizes and protective devices ratings shown are indicative only. Final cable sizes, types and protective devices shall be determined by the Contractor based on confirmed maximum demand, cable lengths, installation methods, grouping, ambient conditions, voltage drop, fault level and discrimination requirements in accordance with BS 7671 and manufacturer's data.
 - Existing underground cable routes, ducts and trenches shall be identified and, wherever practicable, existing ducts / trenches shall be re-utilised for the Phase 2 LV cables, subject to capacity, condition and separation requirements.
 - Engagement with SP Energy Networks (SPEN) is required for all works associated with the existing DNO substation and revised LV in-comer. All isolation and reconnection operations shall be carried out under SPEN control, with outages and access coordinated by the Contractor, and no works to DNO equipment undertaken except where permitted by SPEN.
 - Cable joint locations, duct crossovers and available capacity shall be verified on site before works commence, and all new joints shall be installed in accordance with current standards, maintaining the required mechanical protection and segregation from other services.

P02 Stage 3 - Updated Issue	CR / MTV	AT/PSJ	15/05/2026
P01 Stage 3 - First Issue	CR / MTV	AT/PSJ	15/04/2026
Issued/Revision	By	Appd	YYYY.MM.DD

Issue Status

S4 Suitable for Stage Approval

This document is suitable only for the purpose noted above. Use of this document for any other purpose is not permitted.

Client/Project Logo

CYNGOR BWRDEISTREF SIROL COUNTY BOROUGH COUNCIL

Client/Project
Conwy County Borough Council
Ysgol Eirias Demolition Preparation Works

Title
Combined Services External Services

Project No. 01993	Scale 1:100
Revision P02	Drawing No. 01993-STN-XX-00-DR-ME-012000