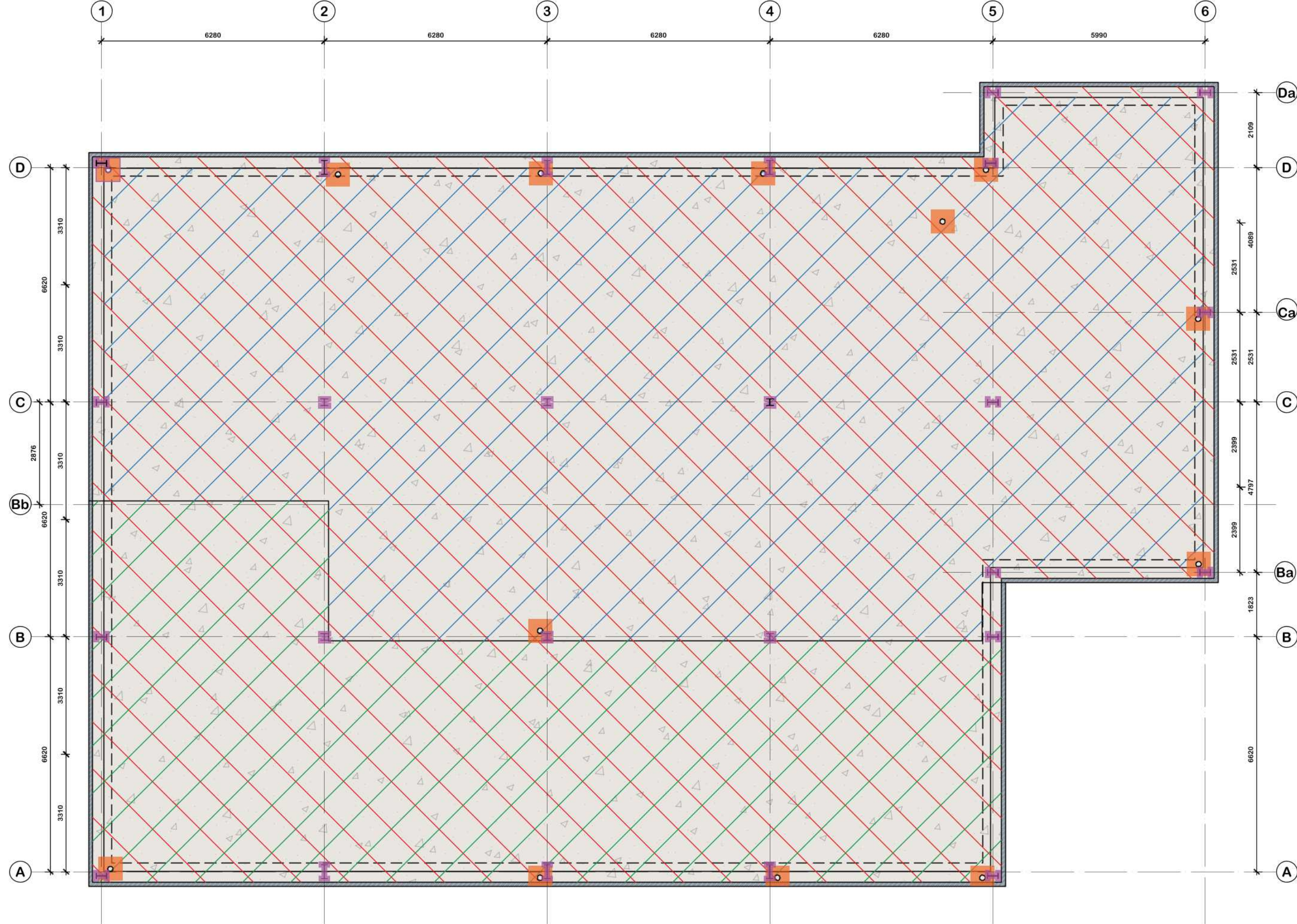
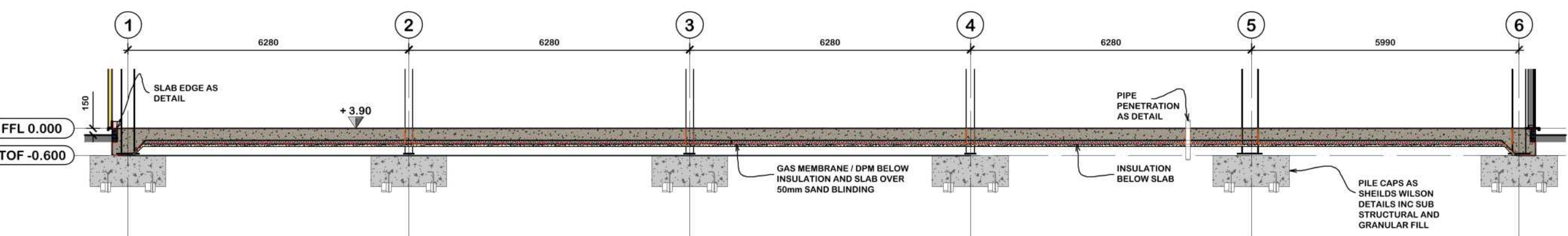
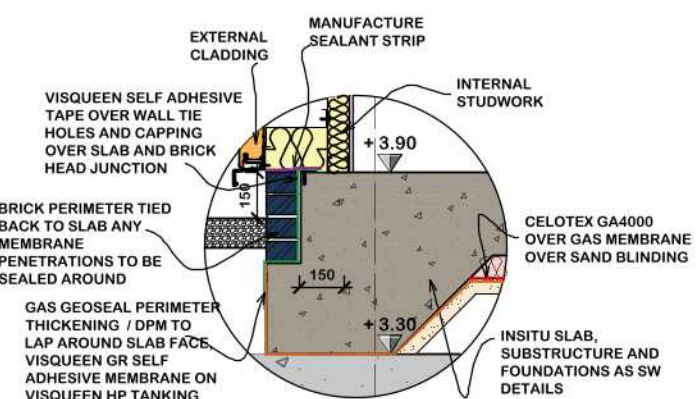




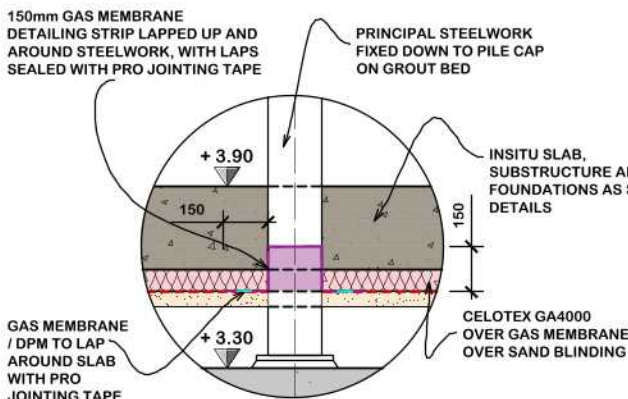
PROPOSED GROUND FLOOR SLAB (GAS PROTECTION)  
SCALE: 1:100



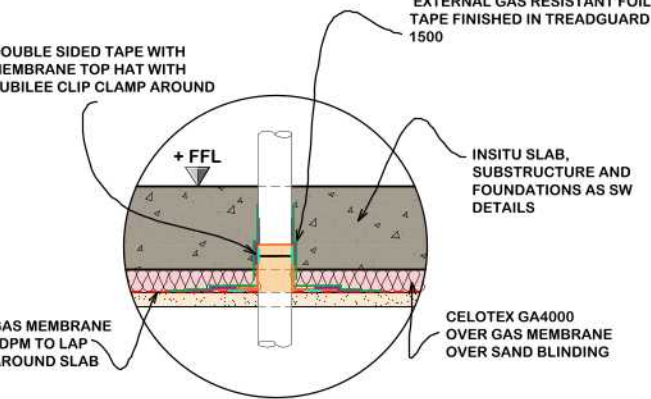
BUILDING SECTION B-B  
SCALE: 1:100



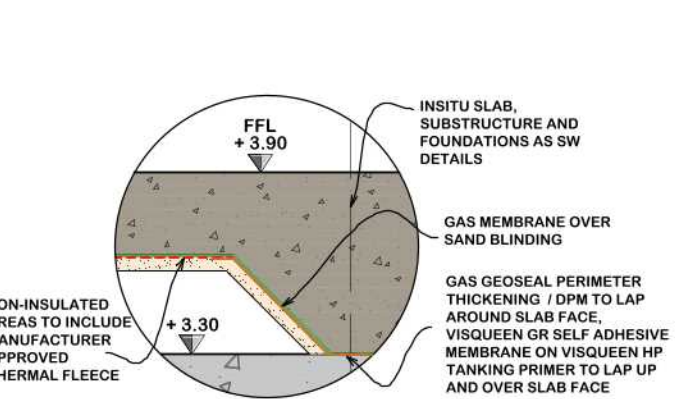
TYPICAL EDGE DETAIL  
SCALE: 1:25



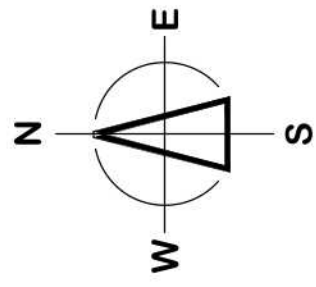
TYPICAL STEEL PENETRATION DETAIL  
SCALE: 1:25



TYPICAL PIPE PENETRATION DETAIL  
SCALE: 1:25



TYPICAL EDGE DETAIL - NON INSULATED  
SCALE: 1:25



**PROPOSED LEGEND**

- EXTENT OF GF SLAB WITH PERIMETER BRICK DETAIL  
FFL: GF +3.90  
TOTAL AREA APPROX 629m<sup>2</sup>
- EXTENT OF INSULATION BELOW SLAB  
CELOTEX GA4000  
TOTAL AREA APPROX 388m<sup>2</sup>
- EXTENT OF MANUFACTURER PROTECTION FLEECE BELOW GAS MEMBRANE / DPM  
TOTAL AREA APPROX 241m<sup>2</sup>
- EXTENT OF VISQUEEN GAS MEMBRANE / DPM  
TOTAL AREA APPROX 629m<sup>2</sup>
- PERIMETER STEELWORK COLUMN PENETRATION - SEAL 150mm IN ALL DIRECTIONS AS DETAIL
- SERVICE PENETRATION WITH TOP HAT - SEAL AS DETAIL

**NOTES**  
TO BE READ IN CONJUNCTION WITH NBS SPECIFICATION  
ANY DISCREPANCIES TO BE RAISED WITH TRUNDLEY DESIGN SERVICES FOR CLARIFICATION/CONFIRMATION.

**STEELWORK SIZES AND CONNECTION DETAILS BY STRUCTURAL ENGINEERS INCLUDING FIRE WALL SUPPORTING STEELWORK**

**FOUNDATION DESIGN AS ENGINEERS DETAILS**

**ALL PENETRATIONS AND LAPS INSTALLED IN ACCORDANCE WITH MANUFACTURES DETAILS**

**THE BARRIER SHOULD BE CLEAN AND DRY AT THE TIME OF JOINTING. IT SHOULD BE OVERLAPPED BY AT LEAST 150MM, BONDED WITH VISQUEEN PRO DOUBLE SIDED JOINTING TAPE AND SEALED WITH VISQUEEN GAS RESISTANT FOIL LAP TAPE. ALTERNATIVELY LAP JOINTS CAN BE HEAT WELDED TO ACHIEVE AN EFFECTIVE SEAL. WELDED LAP JOINTS CAN BE LESS THAN 150MM PROVIDED THE JOINT INTEGRITY IS NOT COMPROMISED. AIRTIGHT SEALS SHOULD BE FORMED AROUND ALL SERVICE ENTRY POINTS. VISQUEEN PREFORMED TOP HAT UNITS SHOULD BE USED FOR SEALING SERVICE ENTRY PIPES. THE BASE OF THE TOP HAT AND THE UPSTAND SHOULD BE BONDED USING VISQUEEN PRO DOUBLE SIDED JOINTING TAPE AND SEALED WITH VISQUEEN GAS RESISTANT FOIL LAP TAPE. THE UPSTAND SHOULD BE SECURED WITH THE SUPPLIED JUBILEE CLIP.**

**Notes:**

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All dimensions are in millimetres unless stated otherwise.

It is recommended that information is not scaled off this drawing.

This drawing should be read in conjunction with all other relevant information, specifications & schedules.

If this drawing is received electronically it is the recipients responsibility to print the document at the correct scale.

All dimensions to be checked on site prior to commencing work and any discrepancies to be advised immediately.

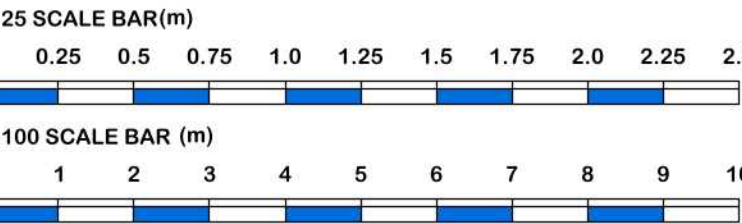
**CONSTRUCTION (Design & Management) REGULATIONS 2015:** David Trundle Design Services Ltd are employed as 'Designer' and will provide information to those responsible for the 'Principal Designer' and to the client.

David Trundle Design Services Ltd are responsible for the 'Architectural' design of the elements included on this drawing only.

Architectural design has been carried out with due consideration for the safety during construction, occupation and maintenance of the finished structure.

The works contain no extraordinary hazards or risks that are not present during routine construction operations that would not readily be apparent to a competent contractor.

This information should be included as part or commencement of the Health and safety file for the project.



|    |            |                                                    |
|----|------------|----------------------------------------------------|
| B  | 11.05.2022 | SLAB EDGE DETAIL UPDATED TO MANUFACTURER COMMENTS. |
| A  | 11.05.2022 | SLAB EDGE DETAIL UPDATED TO MANUFACTURER COMMENTS. |
| no | date       | amendment description                              |

|                 |              |
|-----------------|--------------|
| Revisions       |              |
| Drawing Status: | CONSTRUCTION |

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Project Title:

**AJS**

**PLOT 9, HOLBEACH  
SOUTH LINCOLNSHIRE FOOD ENTERPRISE ZONE**

Drawing Title:  
**PROPOSED OFFICE AND WORKSHOP  
PROPOSED GROUND FLOOR SLAB  
GAS PREVENTION PLAN & PENETRATION DETAILS**

Scale: 1:100 @ A2 Date: MAY 2022 Drawn: HC

Drawing Number: 21-L74-C008B Revision:

Checked by: Nigel Gates Date: 11-05-2022

If this drawing is unsigned in the check box then the drawing is an unauthorised issue and should not be used for any purposes