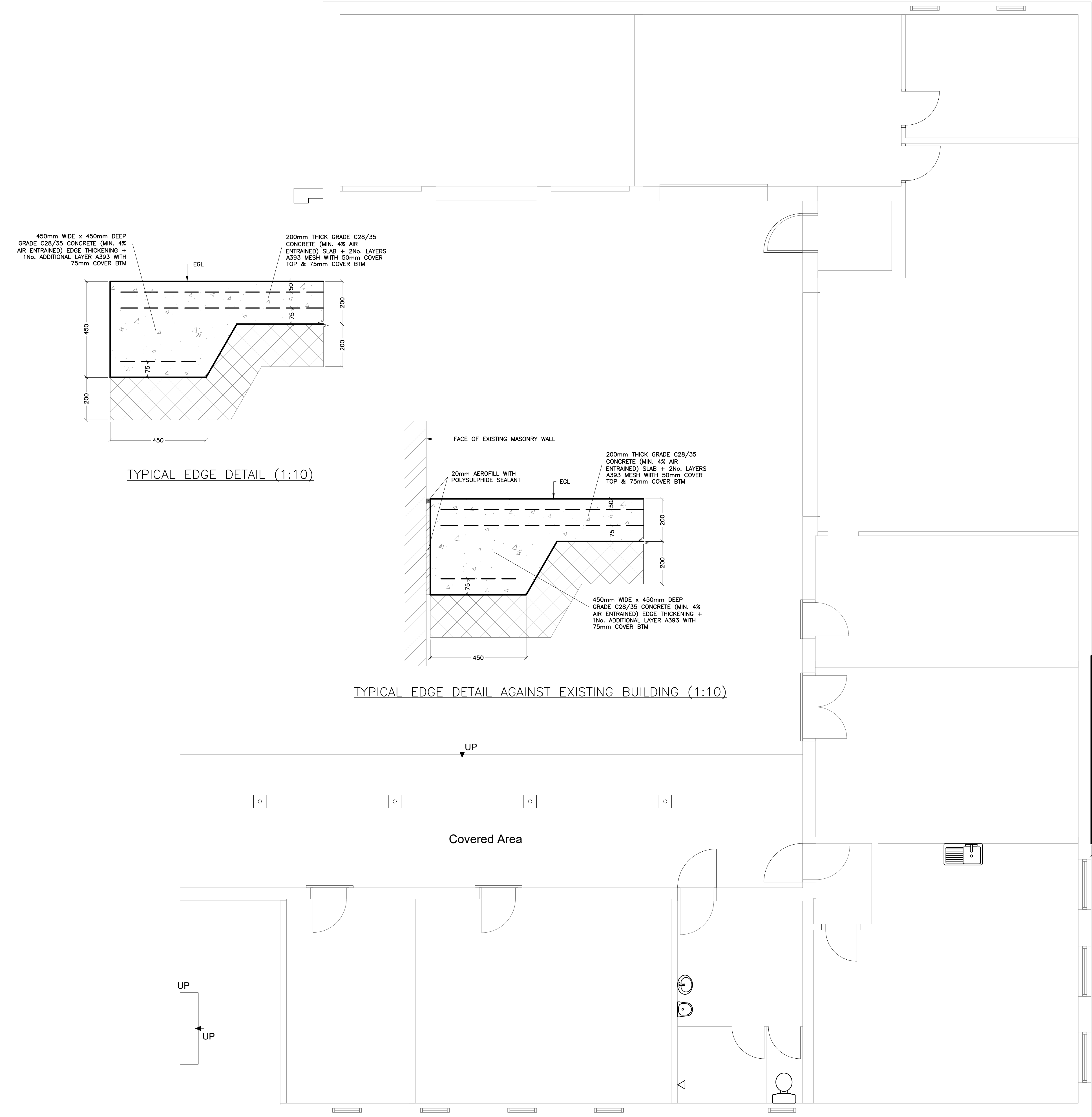




EXTERNAL LEVELS
CONTRACTOR TO INCLUDE FOR RE-GRADING/BANKING THE EXTERNAL LEVELS SURROUNDING THE PROPOSED ASHP COMPOUND TO CREATE LEVEL ACCESS INTO COMPOUND.

PROPOSED SLAB DESIGN IS INDICATIVE ONLY & SUBJECT TO AMENDMENT FOLLOWING COMPLETION OF GROUND INVESTIGATION WORKS.

SETTING OUT DIMENSIONS INDICATIVE ONLY. DRAWING TO BE READ IN CONJUNCTION WITH ARCHITECTURAL AND MEP DRAWING PACKAGES.

GENERAL NOTES

CONCRETE

- All work is to be in accordance with the relevant BS Codes of Practice and the Specification.
- Contractor to procure concrete mix design to satisfy following requirements:
 - Min. strength class C28/35 having a minimum cube crushing strength of 35N/mm² at 28days.
 - Exposure classes XC4, XF3.
 - 20mm maximum nominal aggregate size
 - Maximum chloride content 0.3%
 - SCM to be used to reduce Portland cement content
 - Min. 4% air entrained
- Cover to reinforcement to be 50mm minimum.
- Consistence target to be S2 (70mm) to EN 206-1:2000 slump tests to be to BS EN 12350-2.
- Minimum lap lengths for mesh reinforcement to be 300mm.
- Test cubes to be taken as directed by the Engineer.
- All concrete to be compacted to the Specification or by means approved by the Engineer.

CDM NOTES

CONCRETE POUR

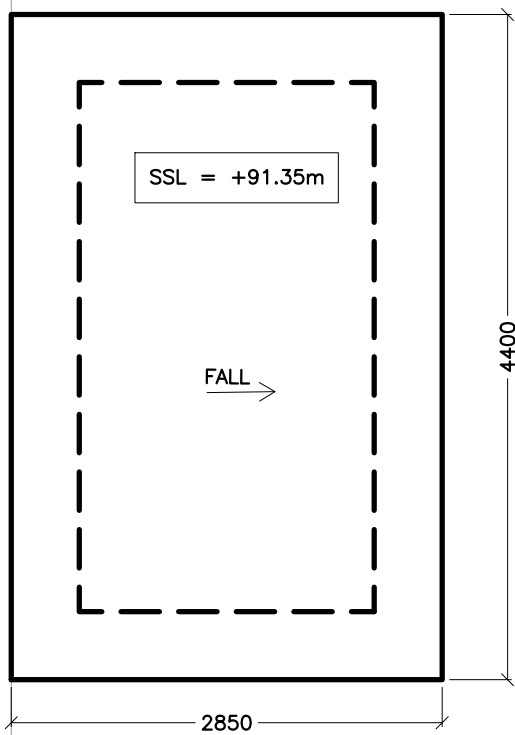
- Protective clothing to be used.
- Contractor to ensure formwork is designed for the appropriate structure and is suitably constructed.
- Contractor is to ensure excavation is suitably propped and supported.
- Excavation is to be suitably cordoned off.
- Contractor is to ensure no pooling of concrete occurs on metal composite decking sheets.

DEMOLITION WORKS

- Protective clothing to be used.
- Working area to be adequately cordoned off.
- Propping where necessary should be used and props installed to the manufactures specifications.
- All existing services to be identified and disconnected prior to demolition.

EXCAVATION WORKS

- Protective clothing to be used.
- Working area to be adequately cordoned off.
- Propping where necessary should be used and props installed to the manufactures specifications.
- All existing services to be identified, stopped up, prior to excavation works.
- Debris to be removed at regular intervals.
- Contractor to use suitable lifting and removal techniques.



EXTERNAL LEVELS TO BE RE-GRADED AND BANKED TO PROVIDE LEVEL ACCESS INTO COMPOUND

P02	Slab level & fall direction included	20/12/24			
P01	Initial issue	15/11/24			
Revision	Description	Issue Date			
FREDERICK G. MARKLAND A S S O C I A T E S Consulting Structural Engineers a Corby House 38A Chorley New Road Bolton BL1 4AP t 01204 531 208 f 01204 380 474 e info@fgmarkland.co.uk w www.fgmarkland.co.uk		Client EQUANS Project Title Manchester City Council Decarbonisation PSDS Drawing Title BC Office & Yard Proposed ASHP External Slab			
Project Originator Volume Level Type Role Number 24127 - FMA - B2 - EX - DR - S - 0001					
Status S4	Sheet size A1	Main scale 1:50	Secondary scale 1:10	Drawn by BG	Checked by NPC
Revision P02	THIS DRAWING IS THE PROPERTY OF FREDERICK G. MARKLAND ASSOCIATES LIMITED AND SHOULD NOT BE REPRODUCED WITHOUT WRITTEN PERMISSION. CONTRACTORS ARE TO CHECK ALL LEVELS AND DIMENSIONS ON SITE PRIOR COMMENCEMENT OF WORKS AND REPORT ANY DISCREPANCIES TO THE DESIGNERS. DO NOT SCALE THIS DRAWING.				