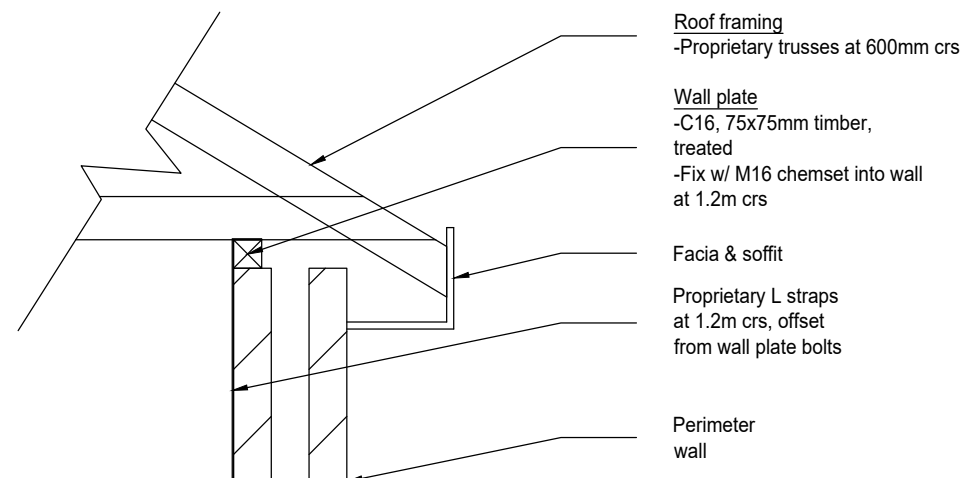
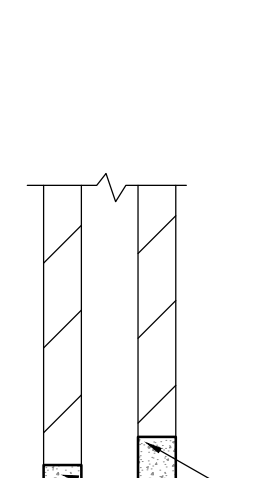


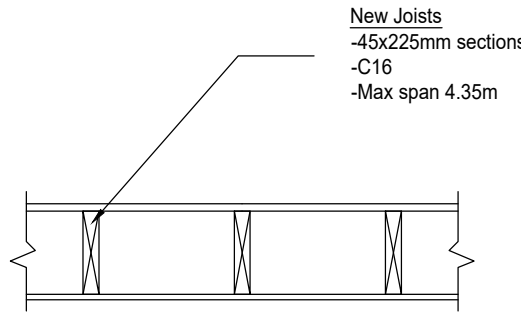


D03 - Typical wall plate detail

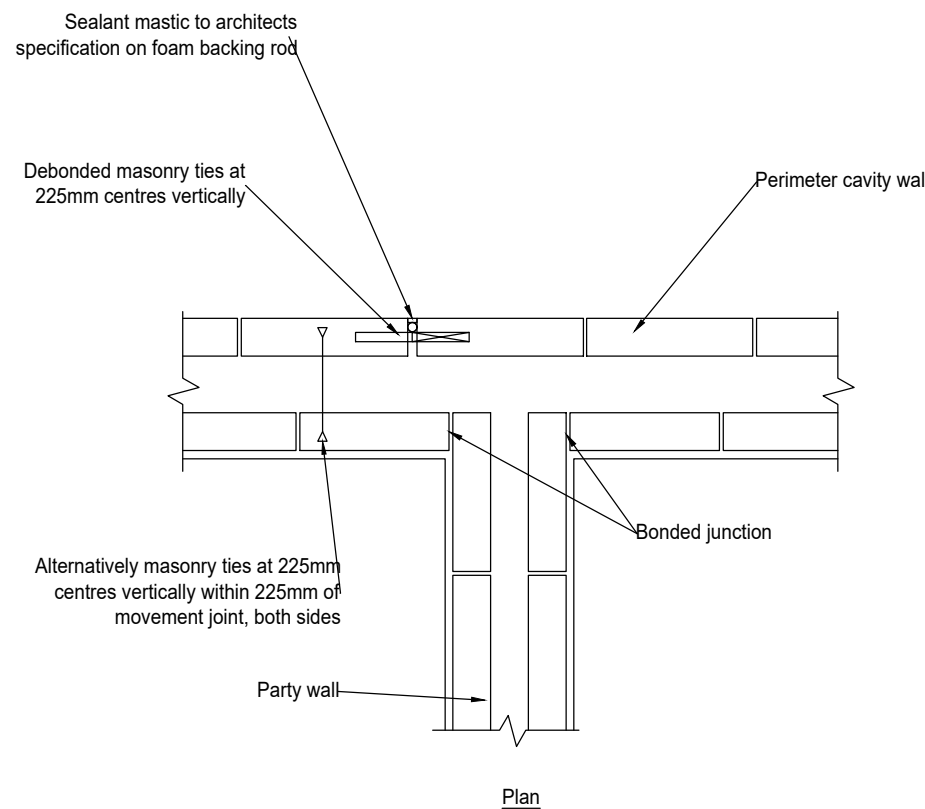


D09 - Typical lintel details 01

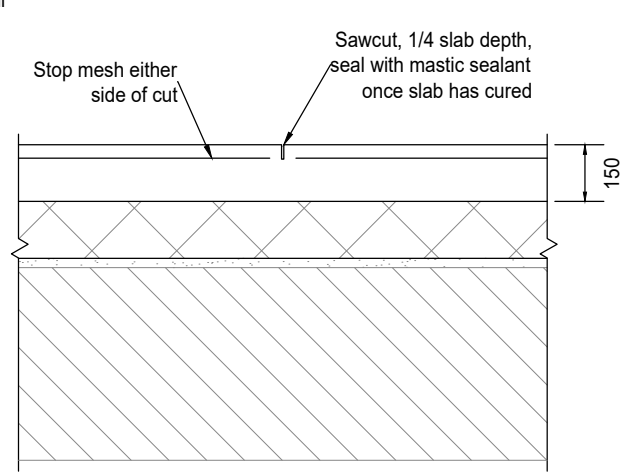
RC LINTELS (LOAD BEARING)				
SPAN (m)	<1	<1.4	<1.8	<2
GF	100x150 Pre-stressed	100x215 Pre-cast	100x215 Pre-cast	100x215 Pre-cast
FF	100x150 Pre-stressed	100x150 Pre-stressed	100x215 Pre-cast	100x215 Pre-cast
RC LINTELS (EXTERNAL LEAF)				
SPAN (m)	<1	<1.4	<1.8	<2
GF	100x70 Pre-stressed	100x70 Pre-stressed	100x150 Pre-stressed	100x150 Pre-stressed
FF	100x70 Pre-stressed	100x70 Pre-stressed	100x150 Pre-stressed	100x150 Pre-stressed



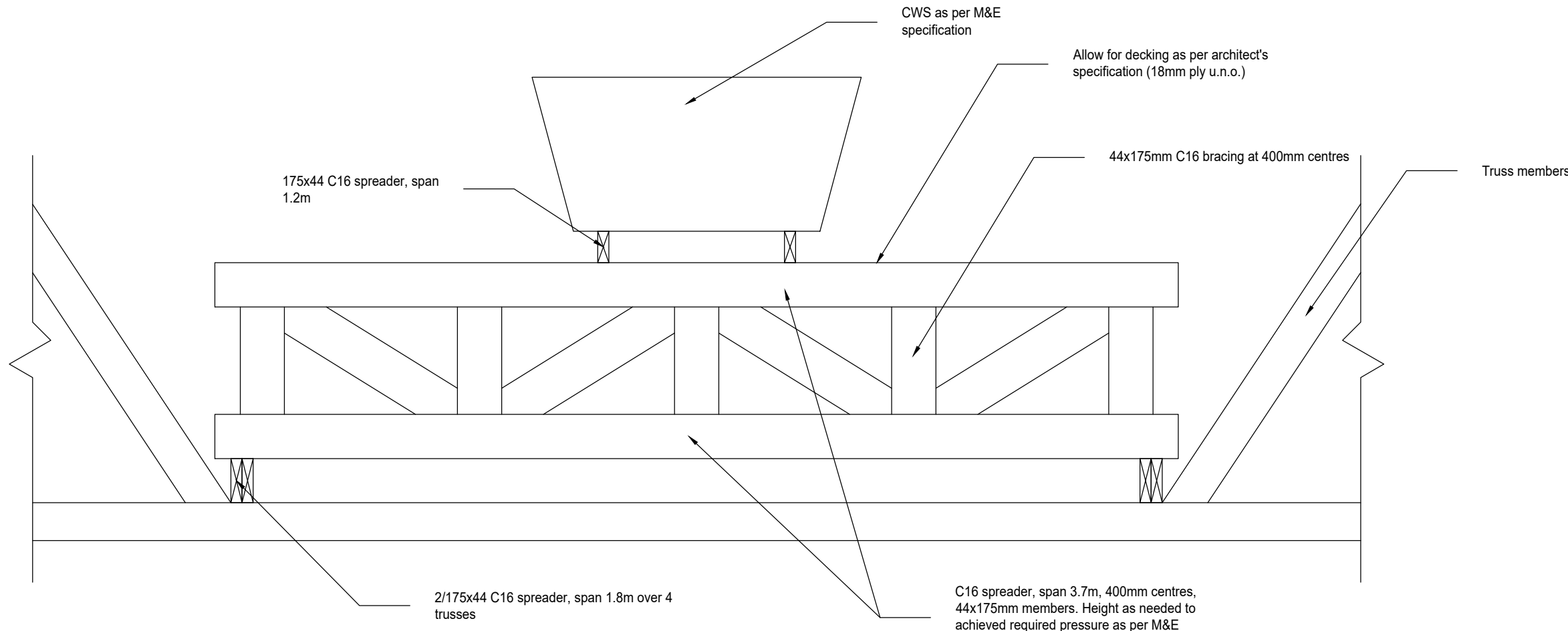
D10 - Typical FF framing



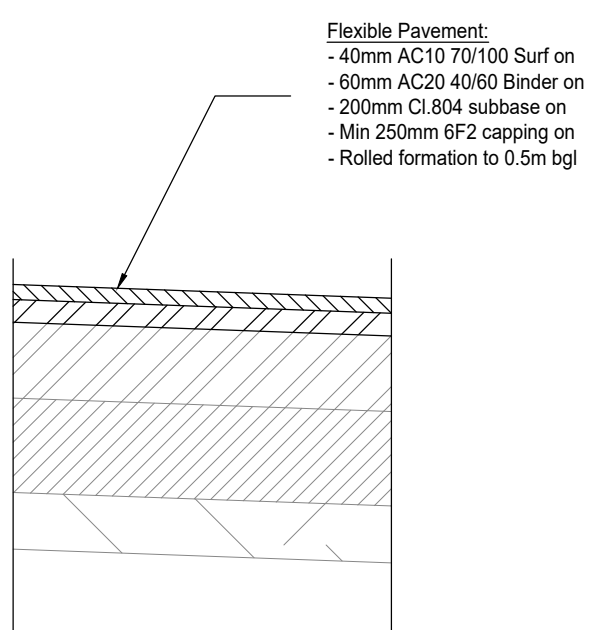
D18 - Typical movement joint detail



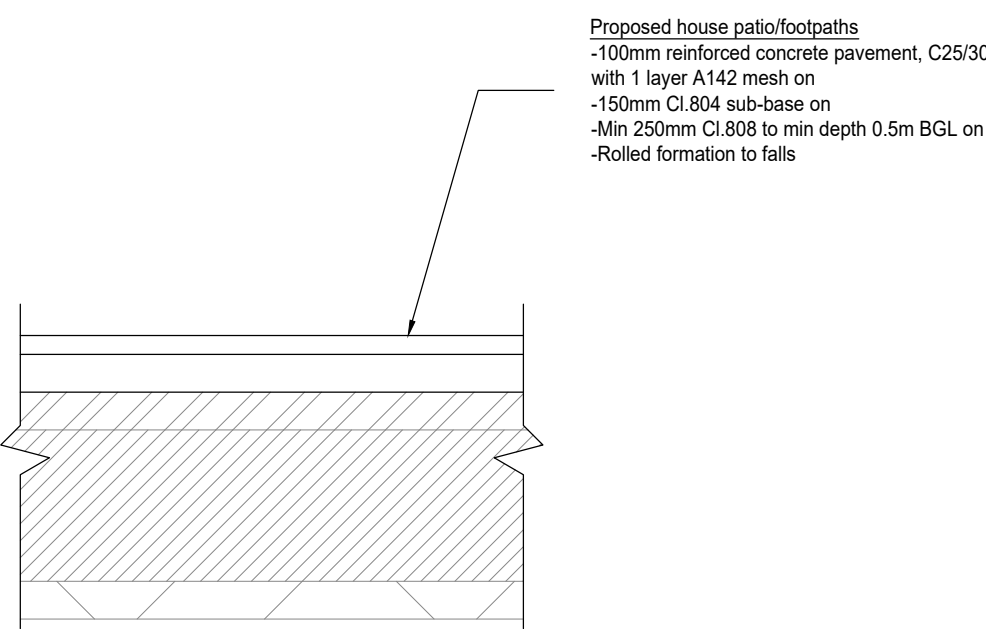
D19 - Typical slab saw-cut detail



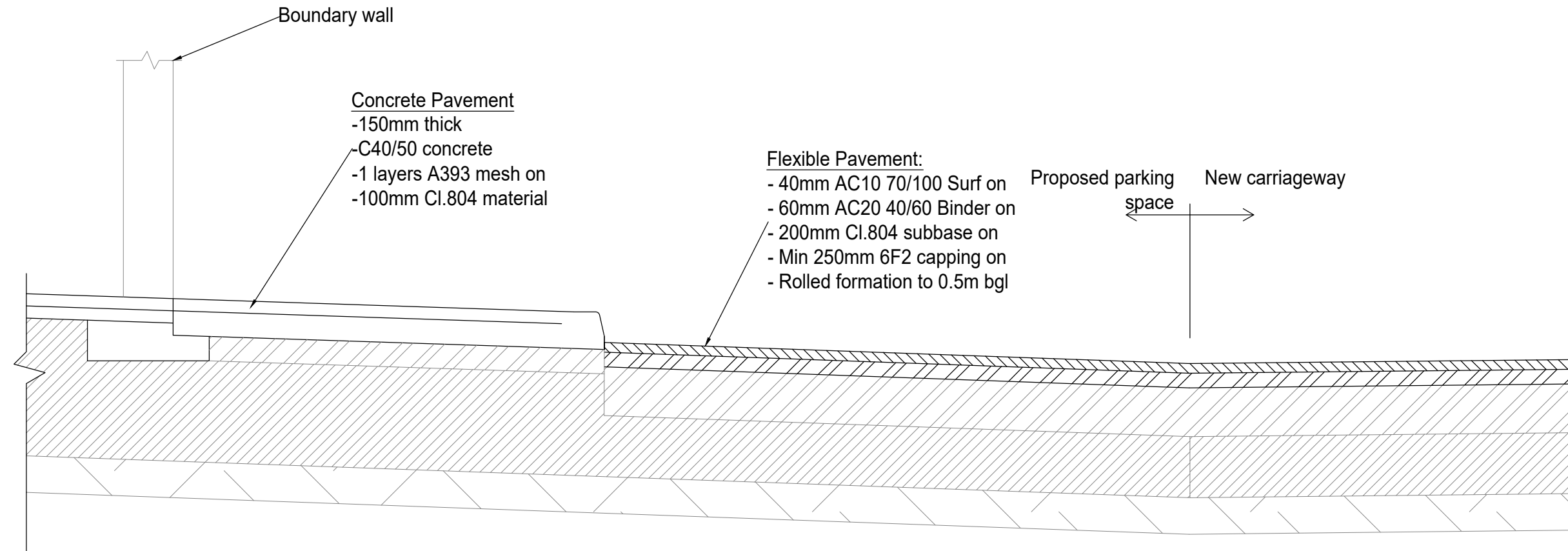
D17 - Typical CWS support detail



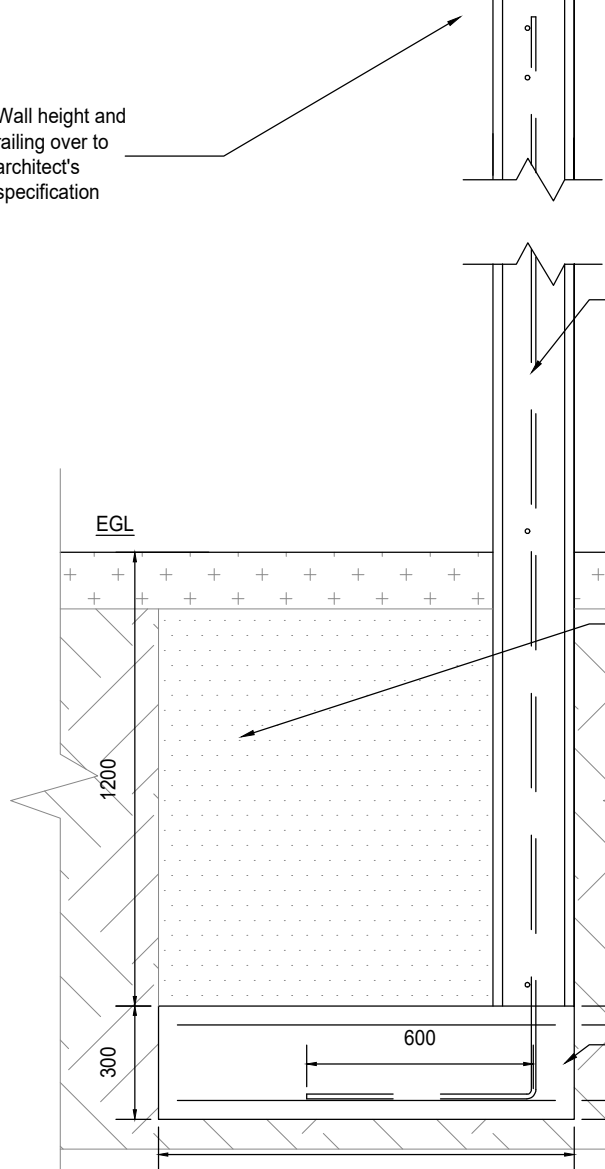
D09: Proposed flexible pavement buildup



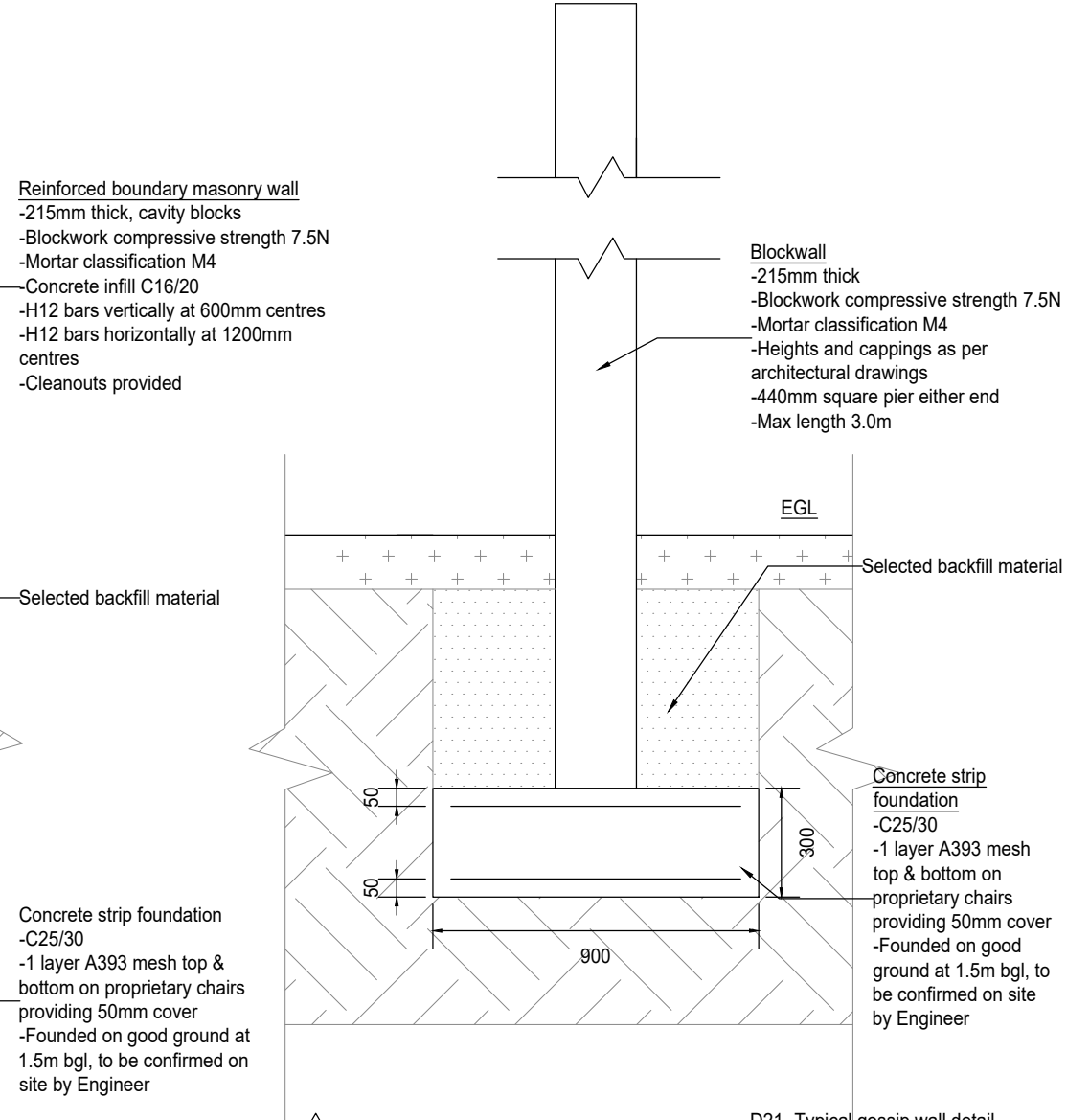
D09: Proposed concrete pavement buildup



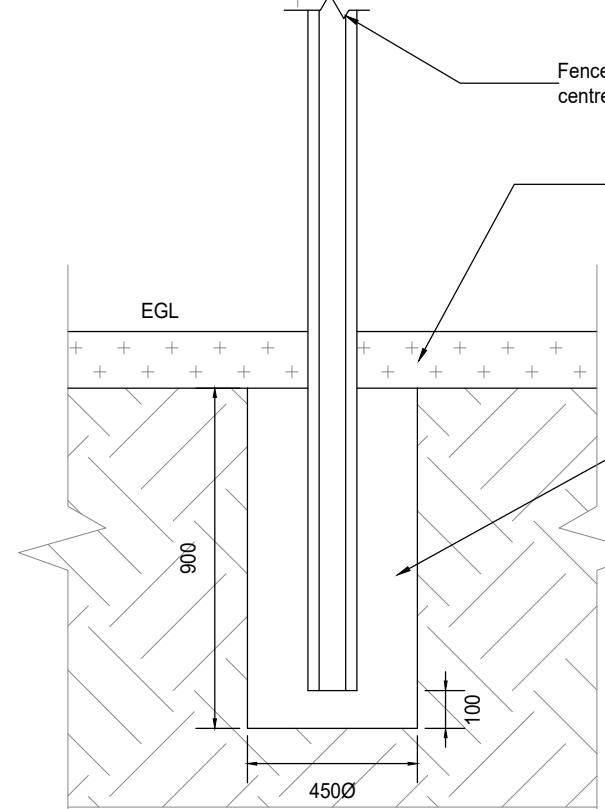
D10: Proposed pavement, kerb and carparking buildup detail



D20 - Typical reinforced masonry boundary wall detail



D21 - Typical gossip wall detail



D22 - Fence post foundation detail

DIMENSIONS: DIMENSIONS INDICATED ARE ROOM DIMENSIONS ONLY. THE MAIN CONTRACTOR IS RESPONSIBLE FOR THE ACCURACY OF MANUFACTURED/ ASSEMBLED BEAMS.

BEAM/ BEARER NO.4; B1/ 150x75x18 PFC. WELD CONNECTION TO NO'S 1,2 & 3.

BEAM NO.1; B1/ 150x75x18 PFC. WELD CONNECTION TO BEARER (NO.4). BOLTED WITH BRACKET TO NO.3.

DETAIL 3 - PLAN

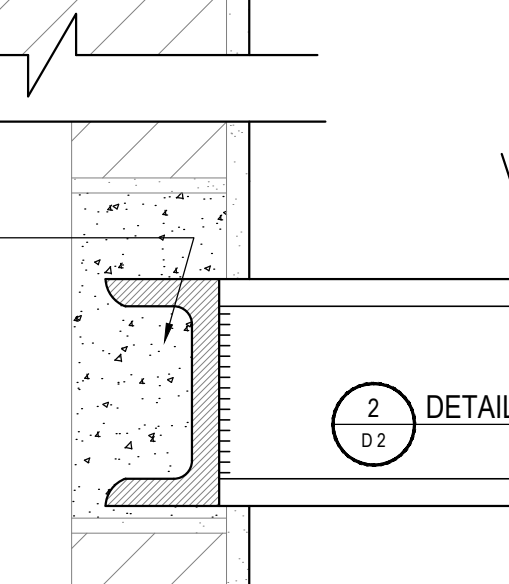
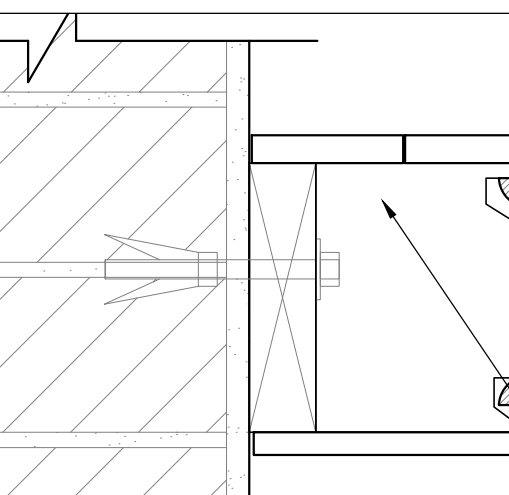
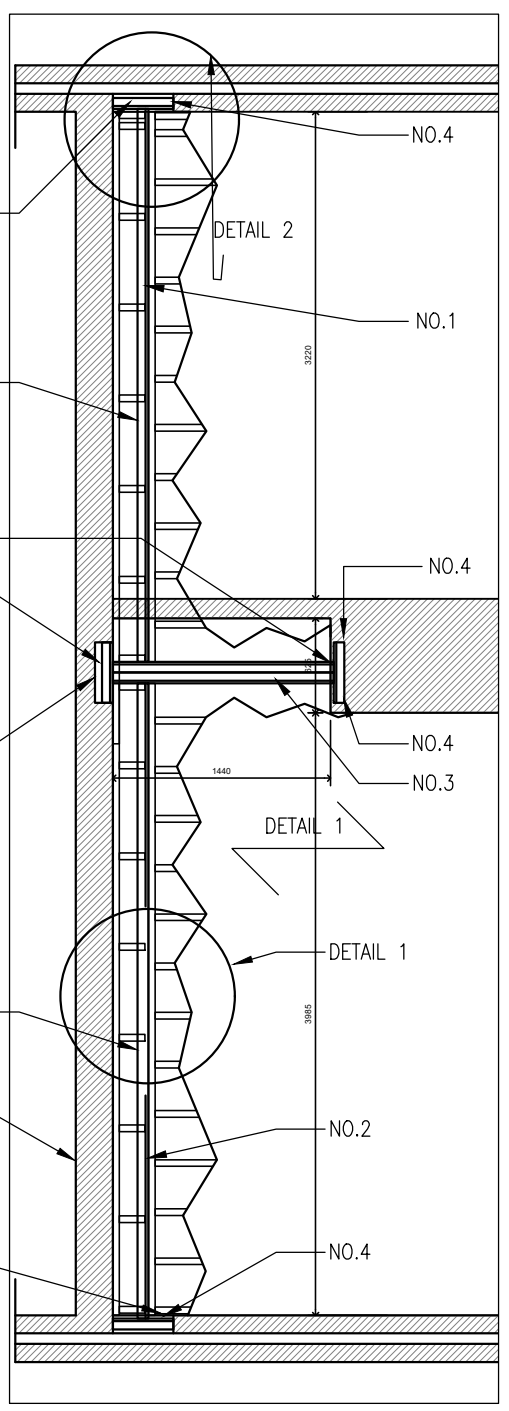
Scale: 1-50 @A1

SUPPORT (NO.3) TO SPAN FROM PARTY WALL TO CHIMNEY BREAST, 400mm BEARING PIECE (NO.4) AT EITHER END. 2 x B1 (150x75x18 PFC) TO SPAN BETWEEN BEARERS. B1 PFC (NO'S 1 & 2) TO BE FIXED TO NO. 3 USING A BRACKET WITH 4 NO. M16 GRADE 8.8..

BEAM NO.2; B1/ 150x75x18 PFC. WELD CONNECTION TO BEARER (NO.4). BOLTED WITH BRACKET TO NO.3.

PARTY WALL TO NO.21. CUT BACK JOISTS. REMOVE SECTION OF JOISTS IN PARTY WALL AND MAKE GOOD. (FILL WITH PLASTER/ CONCRETE GROUT).

DETAIL 2 - FORM NEW OPE IN BLOCKWORK. MIN 400mm x 150mm. CONSTRUCT DETAIL 2. MAKE GOOD TO WALL BY HACKING OFF PLASTER. 300mm x 500mm/ NAIL ON RIBLATH AND PLASTER. SEAL FOR AIRTIGHTNESS.

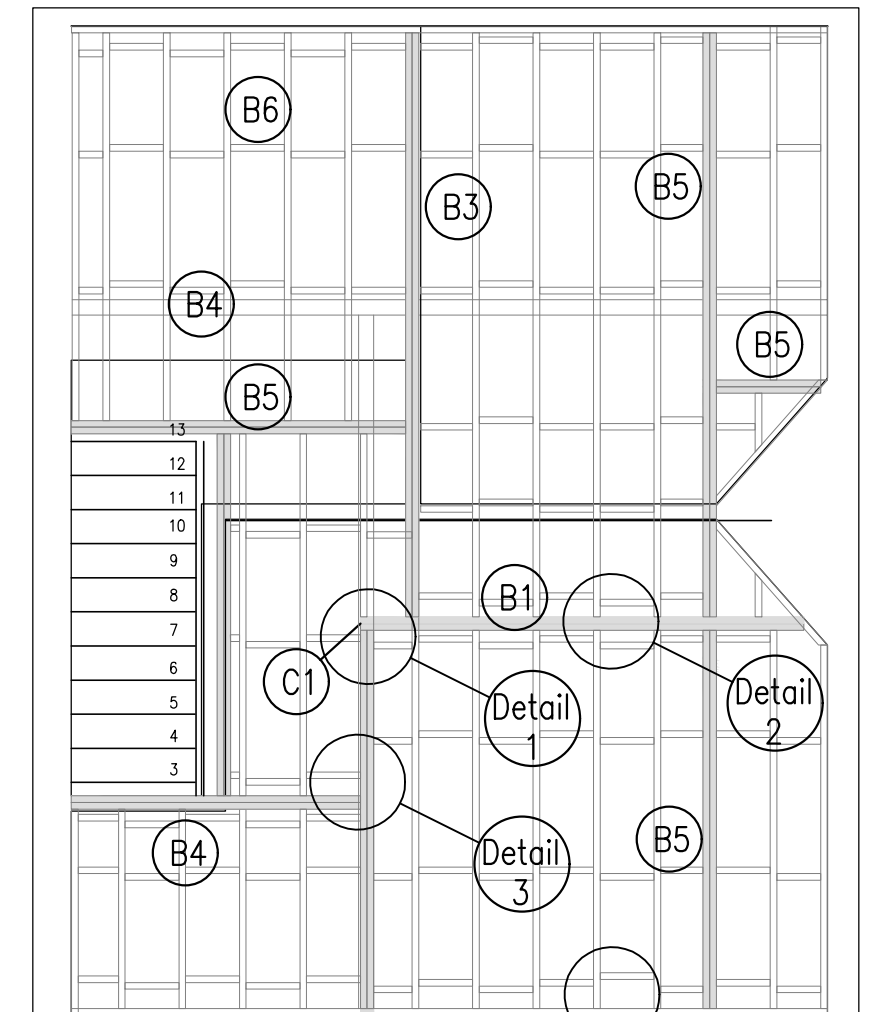


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DO NOT SCALE from this drawing. Use figured dimensions. Contractor to check all dimensions on site prior to commencement of works. Any discrepancies are to be referred to the ARCHITECT.

Drawing to be read in conjunction relevant sections of Architectural specification document.

- GENERAL NOTES:
- EXISTING ROOFS TO NO 81 LENHAN TO BE CAREFULLY STRIPPED BACK AND BATTENS TO BE REMOVED. INSTALL NEW TANKED COUNTER BATTENS (80 x 44mm) AND TREATED 50 x 12mm BATTENS. NEW ROOF TILES TO MATCH EXISTING. USE EXISTING STOCK WHERE POSSIBLE. ALL OTHER HOUSES ARE TO HAVE FIRE BATTENS FITTED TO THE VOIDS BETWEEN THE PARTY WALLS AND THE ROOF TILE/ SLATE FINISH.
 - NEW FACIA SOFFIT, BUTTERS AND DOWNPIPES TO BE FITTED.
 - MAIN CONTRACTOR TO ENSURE THAT PARTY WALLS TO ADJOINING DWELLINGS HAVE MIN. 60 MINUTE FIRE RATING FROM GROUND LEVEL TO RIDGE - I.E. OVER TWO FLOORS AND ATTIC SPACE.
 - SOLVENT FREE SEALANT TO WINDOW AND ALL OTHER JUNCTIONS.
 - MAIN CONTRACTOR TO ENSURE ALL SURFACE AND DRAIN WATER DISCHARGES CORRECTLY TO PUBLIC SYSTEMS AND MUST AMEND MOVE EXISTING MANHOLES A/E ETC WHERE DEEMED NECESSARY.
 - PRE-STOPPING TO ROOF AND PARTY WALLS TO BE PROVIDED IN ACCORDANCE WITH DIAGRAM 10 OF TGD 8 2017.
 - ADJOINING PROPERTIES TO BE ADEQUATELY PROTECTED DURING CONSTRUCTION.
 - ALL EXISTING SKIRTING BOARDS, ARCHITRAVES, WINDOW BOARDS ETC. TO BE REMOVED. NEW JOINERY AS SPECIFIED.
 - EXISTING STAIRS TO BE STRIPPED, SANDED, PRIMED AND PAINTED WITH TWO UNDERCOAT COATS AND TWO MATT GLOSS COATS UNLESS SLATED FOR REPLACEMENT.
 - ALL GLAZING TO COMPLY WITH BS 6861 1994 CURRENT EU EQUIVALENT.
 - ALL OPEN TO BE COMPLETED ON SITE BEFORE FABRICATION.
 - FIRE RESISTANCE OF DOORS IS DETERMINED IN TGD 2017. ENSURE ALL NEW DOOR ASSEMBLIES DOOR SETS COMPLY WITH THE FIRE RESISTANCE REQUIREMENTS OF TGD 2017.
 - FRONT DOORS - IF REQUIRED ARE TO HAVE LETTER BOXES, SPY HOLES, INTERNAL TURN LOCKS INSTALLED.
 - SIDE AND REAR DOORS ARE TO HAVE INTERNAL LEVER HANDLE LOCKS INSTALLED.
 - SKIRTINGS AND ARCHITRAVES: SELECTED PAINTED MDI SOFTWOOD SKIRTINGS AND ARCHITRAVES. INTERNAL DOORS TO BE PAINTED ON BOTH SIDES OF SOLID CORE DOOR AND DOOR FRAMES. ROOMS/DOORS TO COMPLY WITH THE FIRE RATING OF THE DOOR.
 - INTERNAL DOOR IRONMONGERY: TO BE SATIN FINISHED STAINLESS STEEL FINISH AND IS TO INCLUDE FOR THE FOLLOWING: 1 pair of stainless steel lever handles - one pair of stainless steel roses - sash lock and dead lock - 1 pair brushed stainless steel eschutchons - 3 no. hinges to manufacturers recommendations - 1 no. doorstop.



- B1: 178 x 102 x 19 UB (UNIVERSAL BEAM).
- B2: JOISTS 44 x 175 C16 @ 400 CTRS.
- B3: B3: 2 / 75 x 200 C24.
- B4: B4: 2 / 75 x 175 C18.
- B5: B5: 2 / 44 x 175 C16.
- B6: 44 x 175 C16 BOLTED TO THE WALL USING M16 CHEMICAL ANCHOR/ RAILBOLT TO THE ARRANGEMENT SHOWN IN DETAIL 2.
- C1: 100 x 100 x 8.0mm SHS.

TYPICAL JOIST FLOOR PLAN

Scale: 1-50 @A1

REVISIONS				
DATE	REV.	BY.	CH.	DESCRIPTION
01.03.21	T1	RD		Issued for tender
 Limerick City and County Council Design and Delivery Services Merchants Quay Limerick				
PROJECT: HR01 House Refurbishments				
STAGE: Contract & Construction				
DRAWING TITLE: Structural Sheet Details - Sheet 2				
DATE:	Dec 21	DRAWING NO:		111
SCALE:	1/20	SHEET SIZE:		A1
DRAWN:	CL	REVISION:		T1
CHECKED:	-			
JOB NO:	HR01 T1			