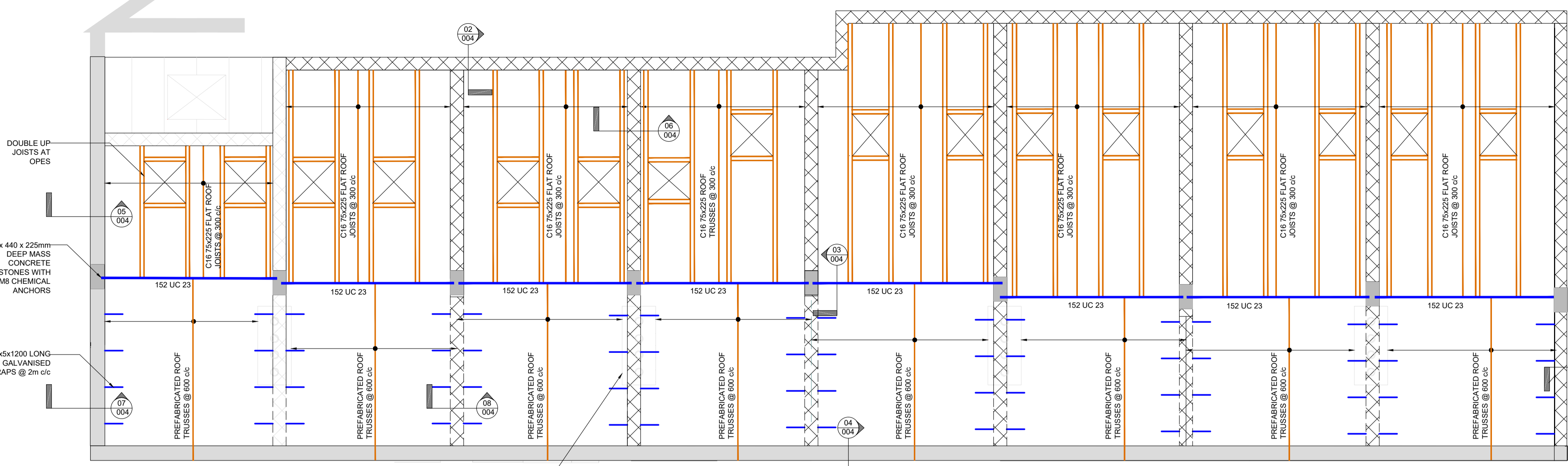


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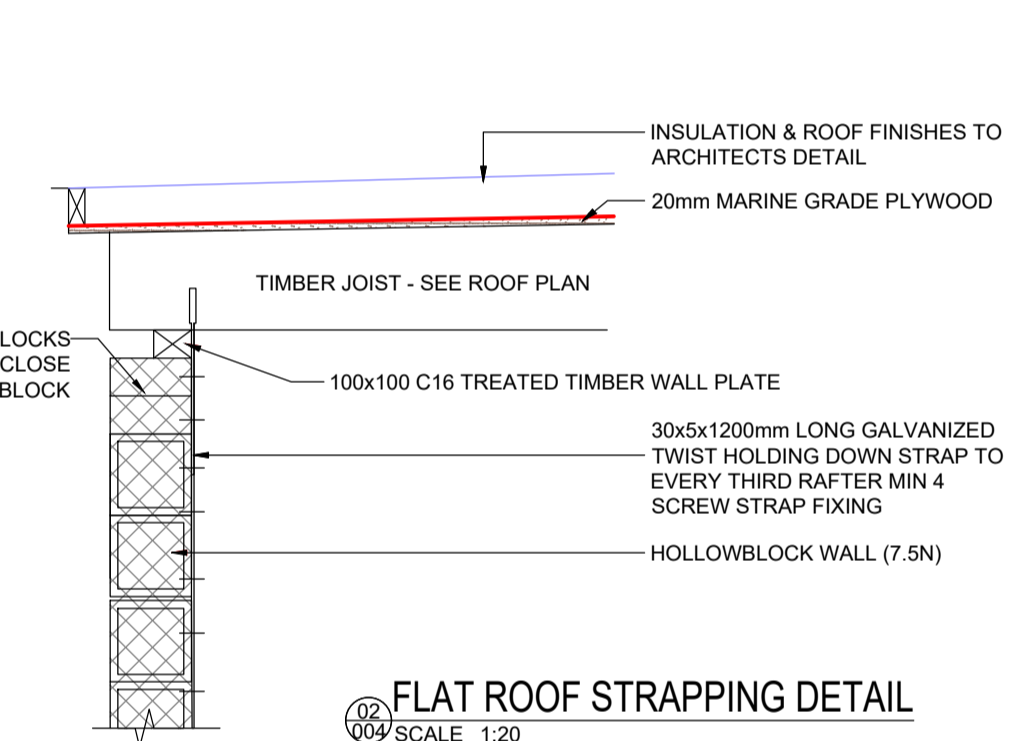
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- NOTES:**
- ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES UNLESS NOTED OTHERWISE.
  - USE FIGURED DIMENSIONS ONLY. DO NOT SCALE. ALL DIMENSIONS TO BE CHECKED ON SITE AND CONFIRMED PRIOR TO COMMENCING WORKS. ANY ERROR OR DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER / ARCHITECT.
  - DRAWINGS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS, ARCHITECTS AND SERVICE ENGINEER'S DRAWINGS AND SPECIFICATIONS.
  - ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH PLANNING GRANT CONDITIONS, CURRENT BUILDING REGULATIONS AND GOOD BUILDING PRACTICE.
  - STRUCTURAL STEEL**
    - ALL STRUCTURAL STEEL & PLATES TO BE MINIMUM GRADE S275.
    - ALL WELDS TO BE 6mm CFW UNLESS NOTED OTHERWISE.
    - ALL BOLTS TO BE M16 G8.8 BOLTS UNLESS NOTED OTHERWISE.
    - FABRICATION DRAWINGS ALONG WITH 3D VIEW TO BE PROVIDED FOR COMMENT BY ENGINEER PRIOR TO STEEL FABRICATION. ALLOW 5 WORKING DAYS REVIEW PERIOD.
    - DIMENSIONS AND LEVELS TO BE CONFIRMED ON SITE BY STEEL FABRICATOR / MAIN CONTRACTOR PRIOR TO STEEL FABRICATION.
    - NON-SHRINK GROUT TO BE FOSROK CONEXTRA GP OR SIMILAR APPROVED (CONTRACTOR TO AGREE ALTERNATIVE PROPOSAL PRIOR TO INSTALLATION). GROUT TO HAVE A MINIMUM COMPRESSIVE STRENGTH OF 70N/mm<sup>2</sup>.
    - ALL EXTERNAL STEEL & IN GAVITY ZONE TO BE GALVANIZED OR PAINTED (PAINT - SEE DRA SPECIFICATIONS).
    - ALL OUTER LEAF SUPPORT ANGLES AND INSTALLATION BRACKETS TO BE STAINLESS STEEL.
    - ALL STEEL BELOW GROUND IS TO BE CONCRETE ENCASED - MIN THICKNESS 150mm.
    - ALL STEEL BEAMS SUPPORTED ON BLOCKWORK TO HAVE CONCRETE BEARING PADS (PAD DIMENSION 450mm LONG x 215mm HIGH x WALL THICKNESS UNLESS NOTED OTHERWISE).
    - ALL BEAMS TO BE SURROUNDED IN CONCRETE WHERE BUILT INTO WALLS.
      - MINIMUM BEARING ON MASONRY / CONCRETE
        - 215mm THICK WALL - min 215mm BEARING
        - 100mm THICK WALL - min 100mm BEARING
  - STRUCTURAL TIMBER**
    - ALL TIMBER TO BE MINIMUM GRADE C16.
    - DOUBLE JOISTS TO BE UNDER STUD PARTITION WALLS.
    - MINIMUM BEARING ON MASONRY / CONCRETE
      - 75mm
      - 50mm ABOVE GROUND IF CAST AGAINST SHUTTERING
    - DPM TO BE INSTALLED BETWEEN TIMBER ELEMENTS AND BLOCKWORK/CONCRETE ELEMENTS.
    - ALL EXISTING TIMBERS WHICH ARE TO BE RETAINED SHOULD BE TREATED BY A SPECIALIST TIMBER PRESERVATION CONTRACTOR FOR INSECT, DRY ROT AND FUNGUS INFESTATION.
    - ALL TIMBER LINTELS TO BE REPLACED WITH CONCRETE LINTELS.
  - CONCRETE & REINFORCING BARS**
    - CONCRETE MIX TO COMPLY WITH EN 206-1 AND REQUIREMENTS BELOW. MIX DESIGN TO BE PROVIDED OR REVIEW PRIOR TO CONCRETE POUR (5 DAYS NOTICE).
    - CONCRETE MIX REQUIREMENTS - SEE DRAWING 201 - TABLE - CONCRETE MIX DESIGN SPECIFICATIONS.
    - MINIMUM COVER TO ALL REINFORCEMENT:
      - 50mm BELOW GROUND IF CAST AGAINST SHUTTERING
      - 75mm BELOW GROUND IF CAST AGAINST GROUND
      - 75mm TO TOP MESH IN GROUND FLOOR SLAB
      - 50mm ABOVE GROUND IF CAST AGAINST SHUTTERING
    - REINFORCED CONCRETE STRUCTURES - COVER TO ALL REINFORCEMENT & LINKS TO BE IN ACCORDANCE WITH CLAUSE 3.3.7, B.S. 8110: PART 1: 1997.
    - ALL REINFORCEMENT TO HAVE MINIMUM 500mm LAP LENGTH.
    - ALL REINFORCING BARS ARE TO BE SECURELY WIRED TOGETHER & LOCATED WITH SUITABLY FIXED STOOLS, SPACERS, COVER BLOCKS ETC. THESE ITEMS ARE NOT SCHEDULED.
  - TYPE OF REINFORCING STEEL IS REFERRED TO BY THE FOLLOWING ABBREVIATIONS:**
    - H - GRADE B500A, B OR C CONFORMING TO BS4449
  - CHEMICAL ANCHORS TO BE:**
    - RESIN - FISCHER INJECTION SYSTEM FIS V 360 S
    - ANCHOR THREAD - FISCHER FIS A M16 G8.8 ZINC PLATED STEEL
    - ANCHOR MINIMUM EMBEDMENT - 160mm
  - MASONRY**
    - FLOOR AND WALL FINISHES TO BE MADE GOOD AFTER DEMOLITION AND STRUCTURAL ALTERATION.
    - ALL LINTELS TO BE AS PER LINTEL SCHEDULE.
    - ISOLATED NON-STRUCTURAL TIMBERS BUILT INTO WALLS WHICH ARE ROTTEN ARE TO BE REMOVED AND THE WALL MADE GOOD WITH BRICK.
    - BLOCKWORK JOINTS**
      - LOCATION OF MOVEMENT JOINTS TO BE AGREED WITH ARCHITECT.
      - BRICK TO HAVE MOVEMENT JOINTS AT 6m c/c OR AT CLOSER CENTRES DEPENDING ON WALL PANEL DIMENSIONS.
      - BLOCKS TO HAVE MOVEMENT JOINTS AT 6m c/c OR AT CLOSER CENTRES DEPENDING ON WALL PANEL DIMENSIONS.
      - KEEP LENGTH TO HEIGHT RATIO AT 3:1.
      - ALTERNATIVELY USE BED JOINT REINFORCEMENT.
      - PROPOSED JOINT REINFORCEMENT TO BE AGREED WITH ARCHITECT/ENGINEER.
    - BRICK REFURBISHMENT AND OR REPLACEMENT TO BE CARRIED OUT WHERE REQUIRED.
    - BRICK REPOINTING TO BE CARRIED OUT IF REQUIRED.
- HEALTH & SAFETY**
  - ASBESTOS SURVEY HAS BEEN CARRIED OUT - SEE REPORT FOR RECOMMENDATION.
  - THE FOLLOWING IS A NON-EXHAUSTIVE LIST OF ITEMS WHICH REQUIRE TEMPORARY WORKS DESIGN:
    - HOARDING, FENCING, GATES AND SIGNBOARDS
    - TEMPORARY PLATFORMS
    - PROPPING AND TEMPORARY MEASURES TO SECURE EXISTING STRUCTURE
    - PROPPING AND TEMPORARY MEASURES TO SECURE NEW STRUCTURE DURING CONSTRUCTION
    - PROPPING OF EXCAVATIONS
    - TEMPORARY SUPPORT BASES
    - FAÇADE RETENTION TEMPORARY WORKS IS REQUIRED.
  - CONCRETE TEMPORARY MEASURES REQUIRED TO SECURE THE STRUCTURE TO FACILITATE REFURBISHMENT WORKS.

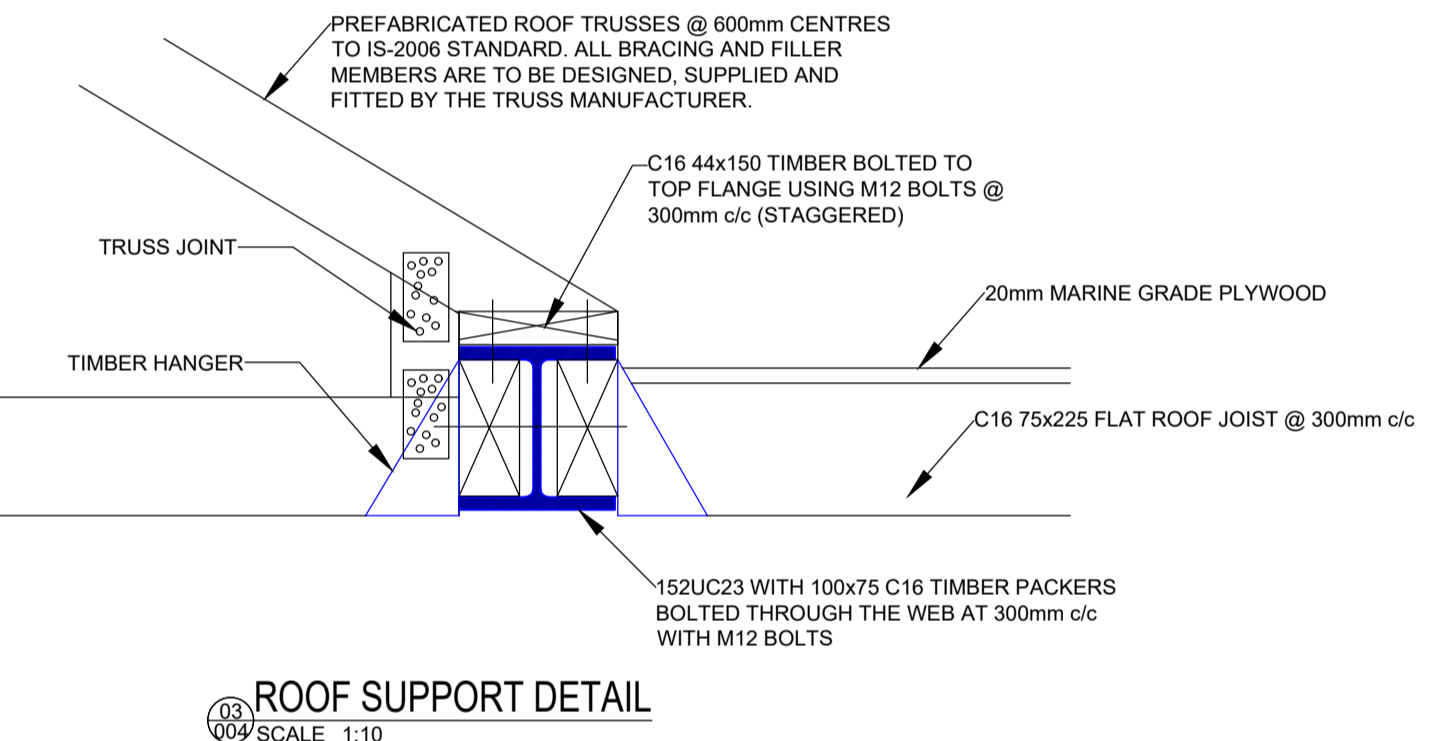


10 PROPOSED ROOF PLAN  
SCALE 1:50

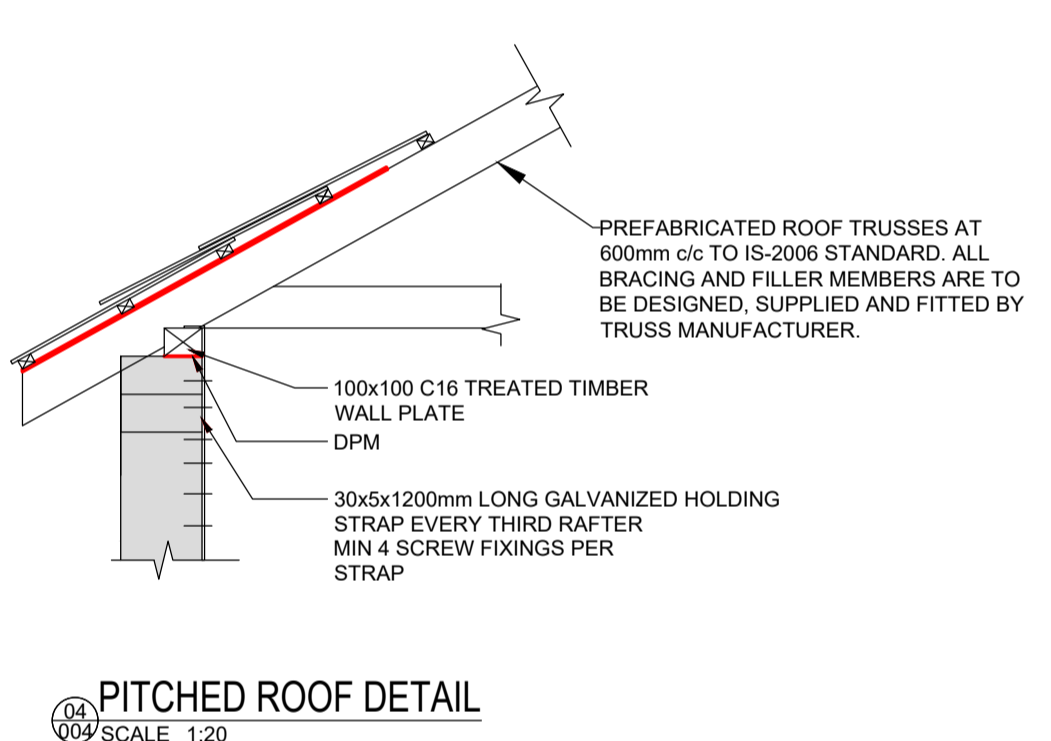
11 LIGHTWEIGHT FALSE CHIMNEY TO ARCHITECTS DETAIL



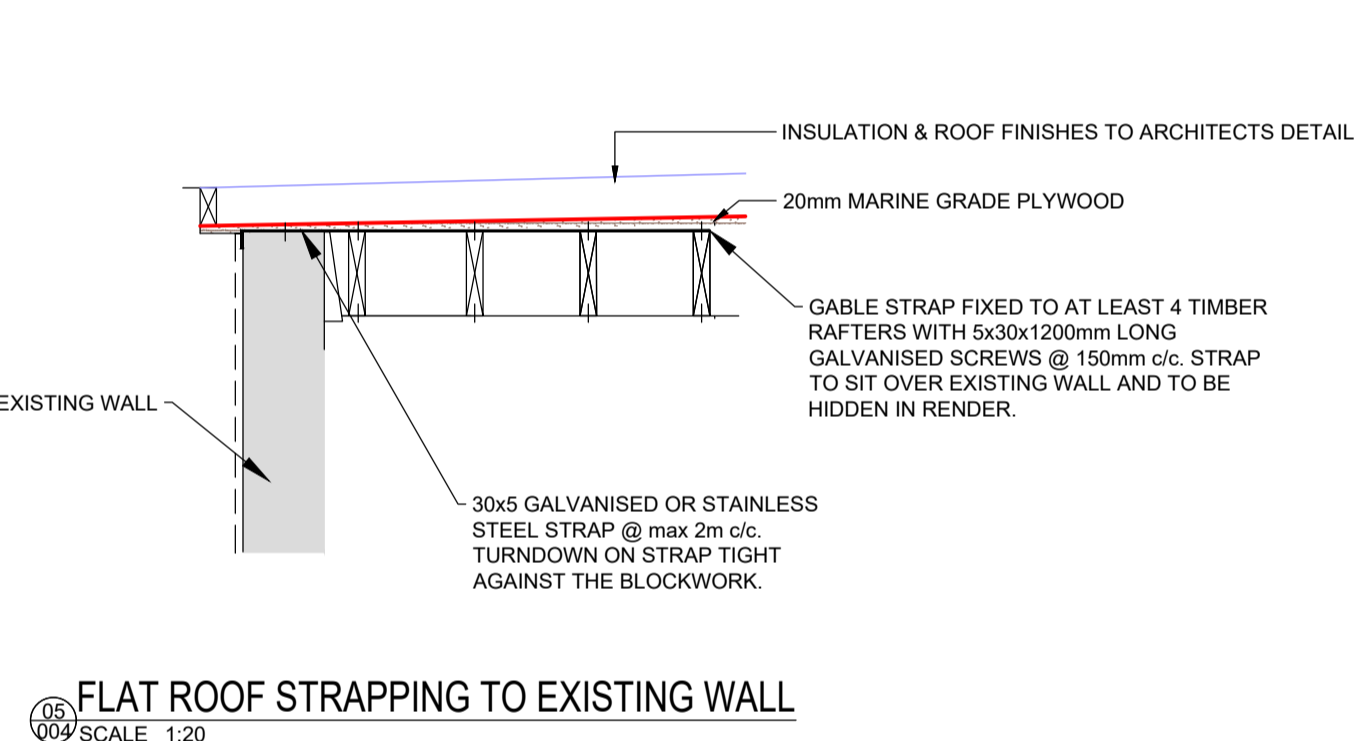
12 FLAT ROOF STRAPPING DETAIL  
SCALE 1:20



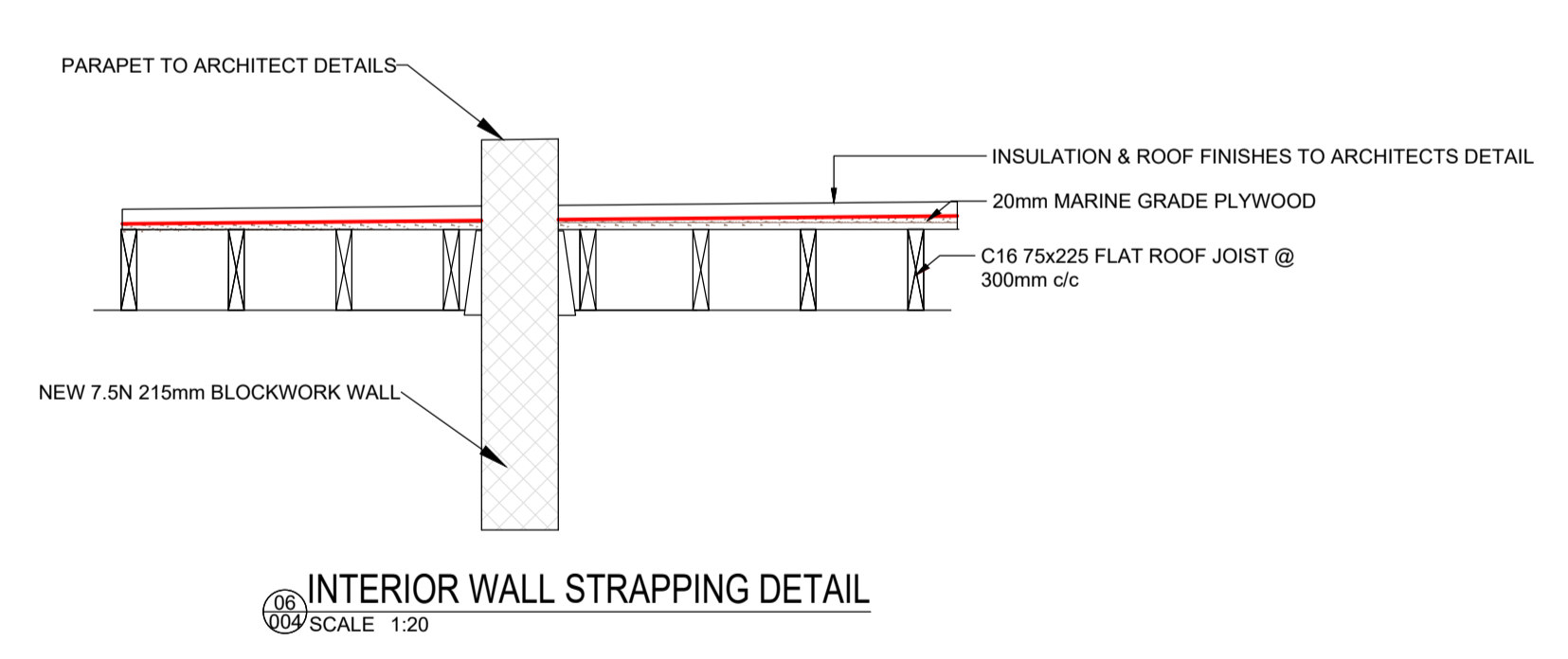
13 ROOF SUPPORT DETAIL  
SCALE 1:10



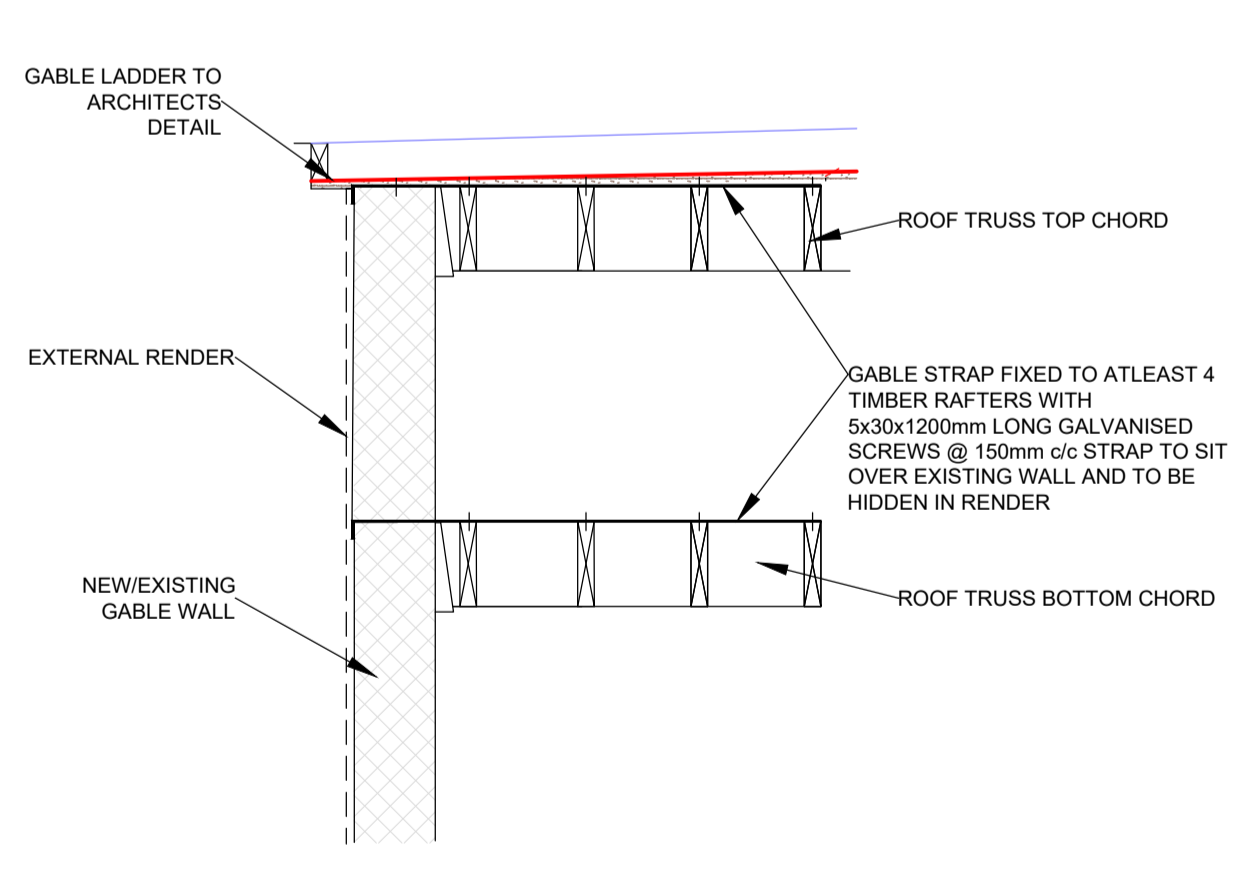
14 PITCHED ROOF DETAIL  
SCALE 1:20



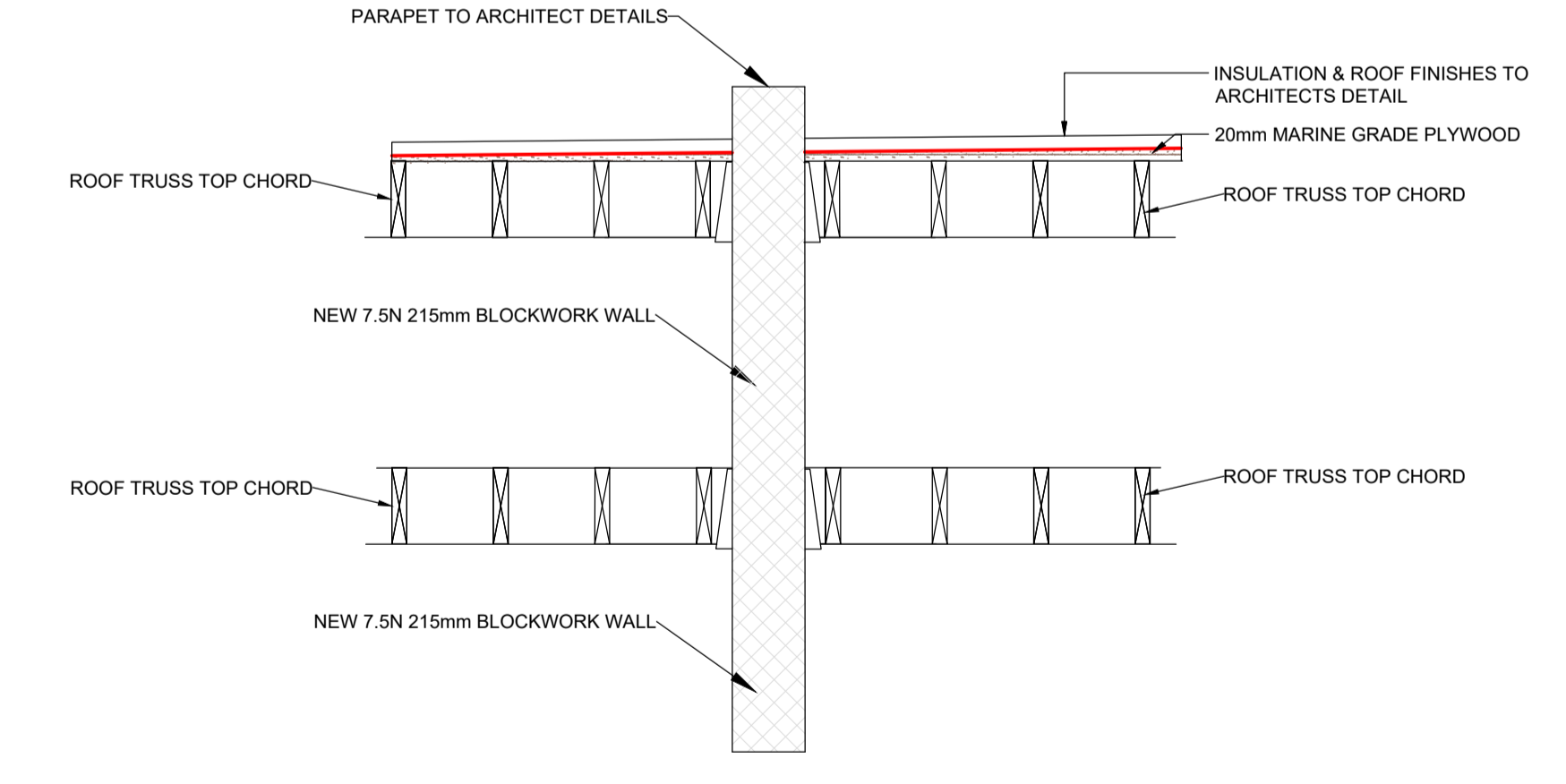
15 FLAT ROOF STRAPPING TO EXISTING WALL  
SCALE 1:20



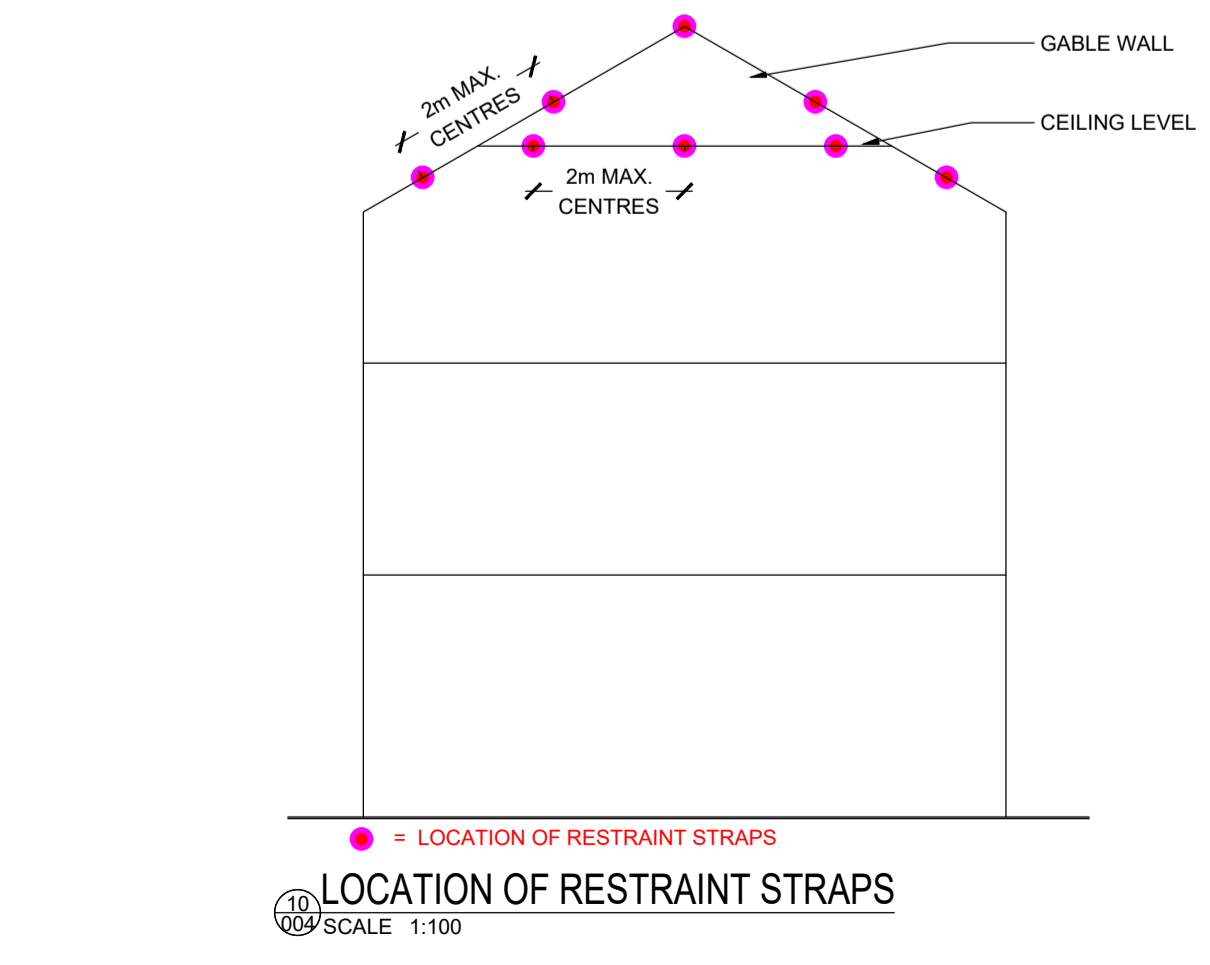
16 INTERIOR WALL STRAPPING DETAIL  
SCALE 1:20



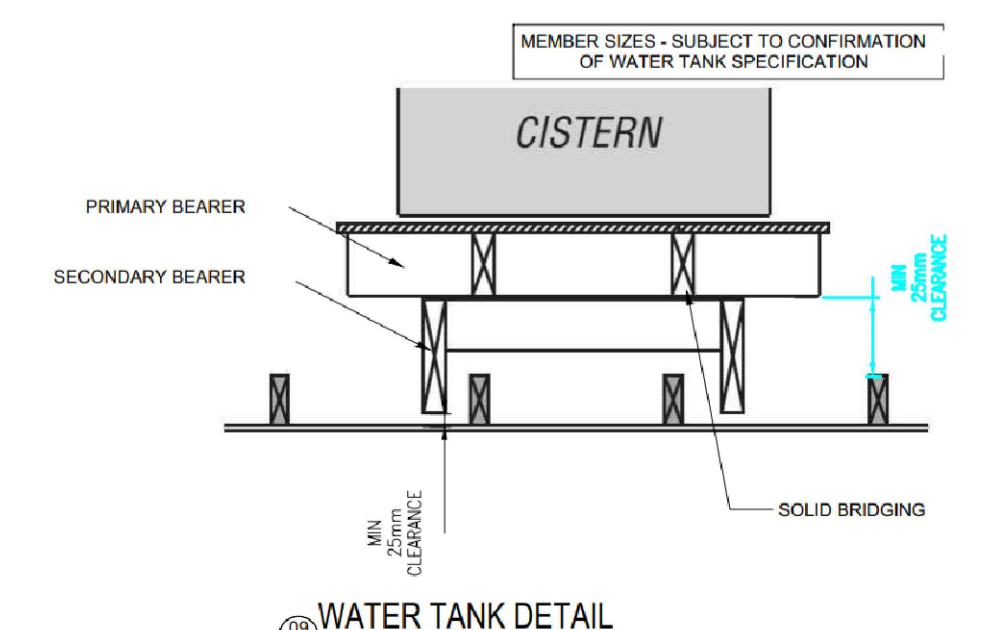
17 SECTION THROUGH WALL  
SCALE 1:20



18 SECTION THROUGH WALL INTERIOR  
SCALE 1:20



19 LOCATION OF RESTRAINT STRAPS  
SCALE 1:100



20 WATER TANK DETAIL  
SCALE 1:20

- LEGEND:**
- EXISTING WALL
  - PROPOSED 13N 215mm WALL
  - TRIAL HOLE
  - LAND DRAIN
  - ISOLATION JOINT
  - (L1) 215 x 215mm DP RC LINTEL
  - (L2) SEE SECTION THROUGH FRONT WALL

REV.	DESCRIPTION	PROD.	VERIF.	APPR.	DATE
C	TENDER ISSUE - DRAWINGS TIDIED	ER	BMG	AD	09/03/22
B	UPDATED TO ARCHITECTS COMMENTS	CC	EF	EF	15/12/21
A	TENDER ISSUE	CC	EF	EF	30/11/21

TENDER

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ARCHITECT: KENNETH HENNESSY ARCHITECTS

PROJECT: 1-8 TYRELL PLACE DUBLIN 1

TITLE: PROPOSED ROOF PLAN

DATE:	30/11/2021	SCALE:	AS INDICATED @ A1
DESIGNER:	EF	DRG. No.	
PRODUCER:	CC		
VERIFIER:	EF		
APPROVER:	EF		

21248-004

B