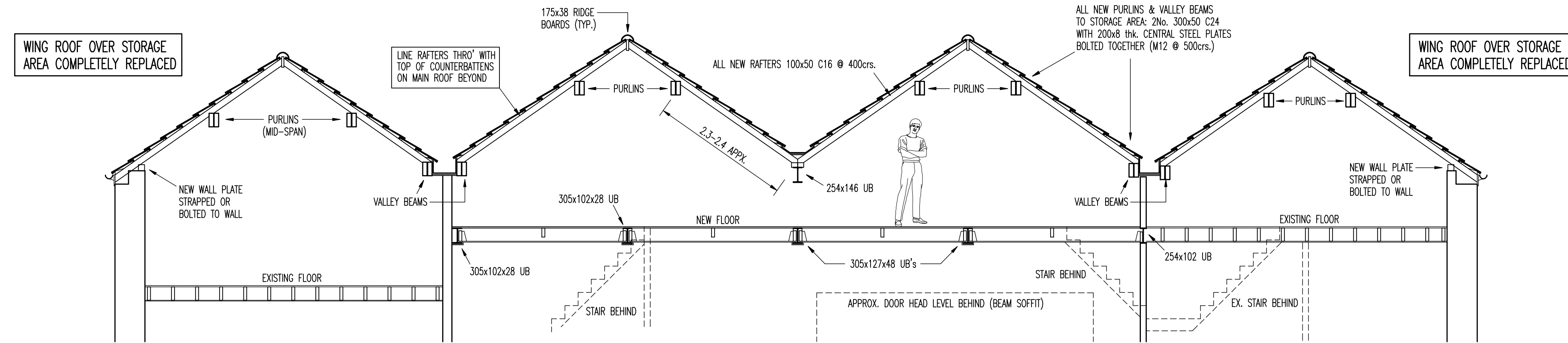
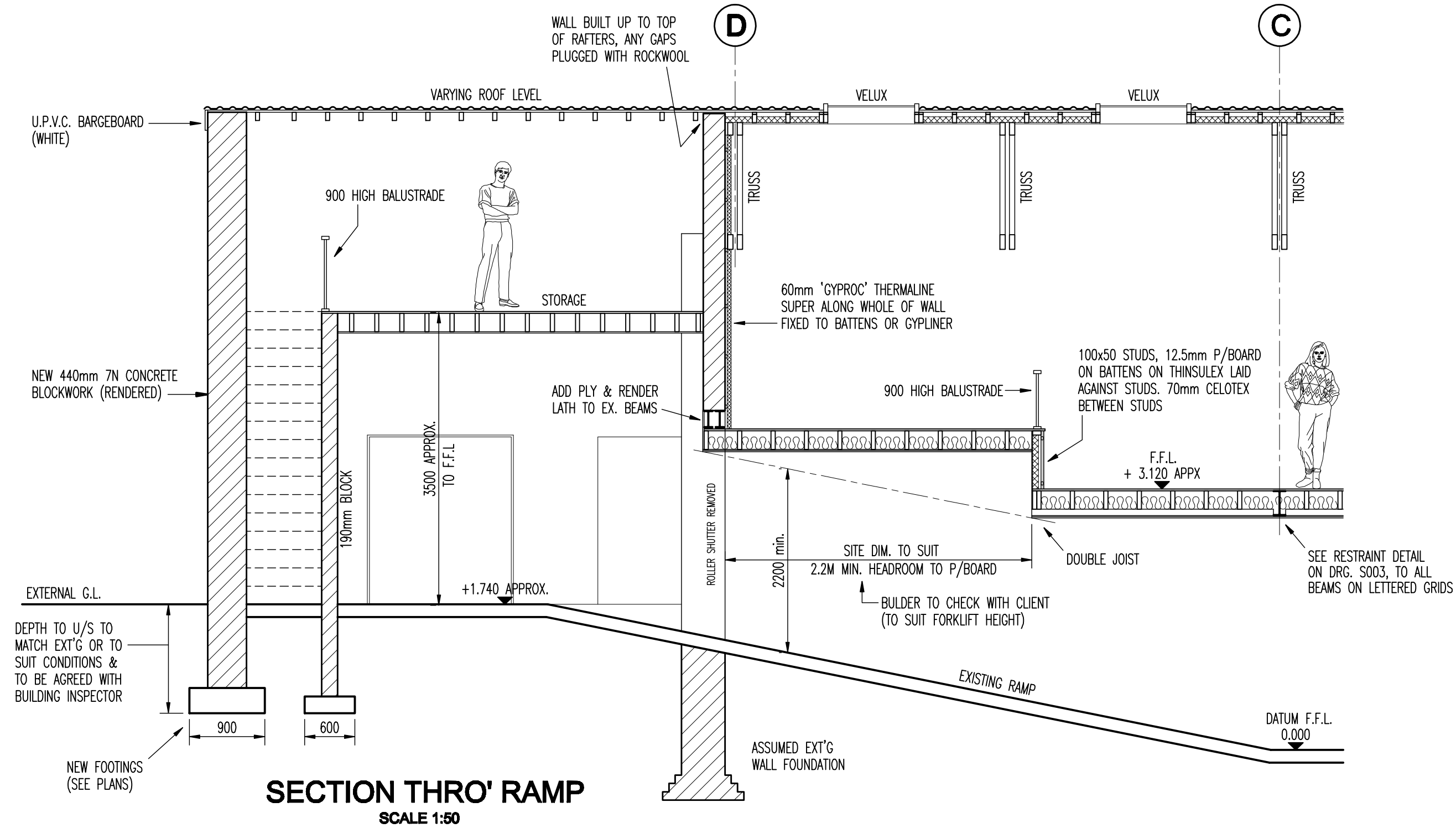


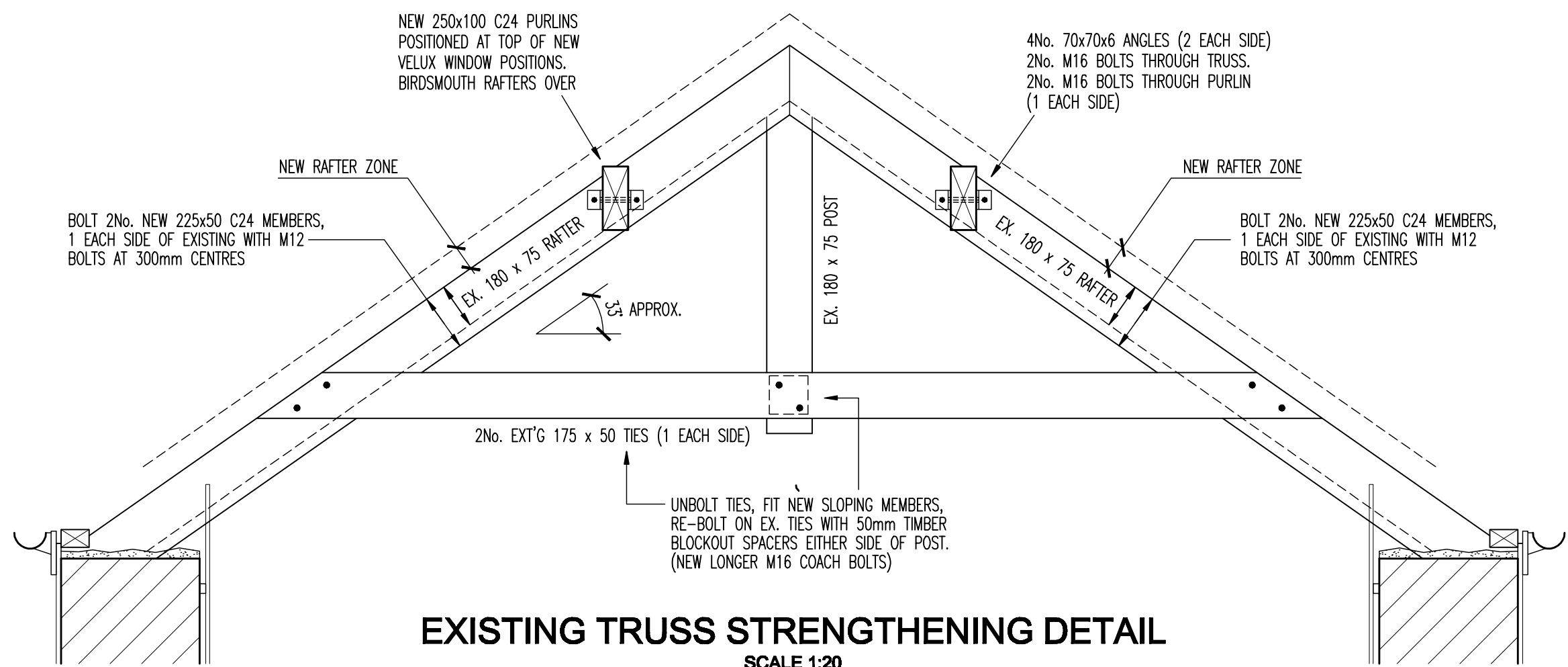
TYPICAL CROSS SECTION
SCALE 1:50



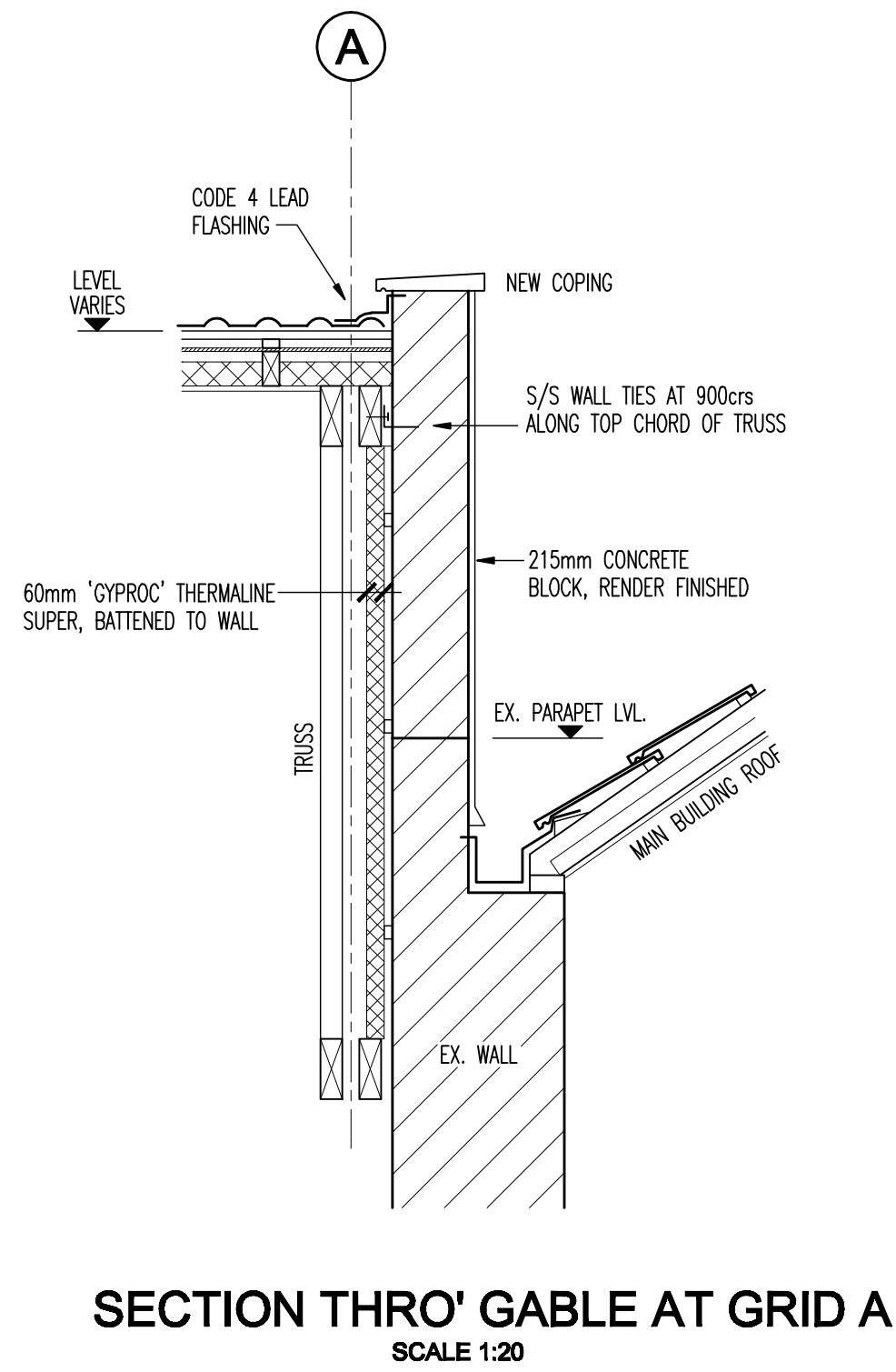
SECTION THRO' HIGH LEVEL STORAGE
SCALE 1:50



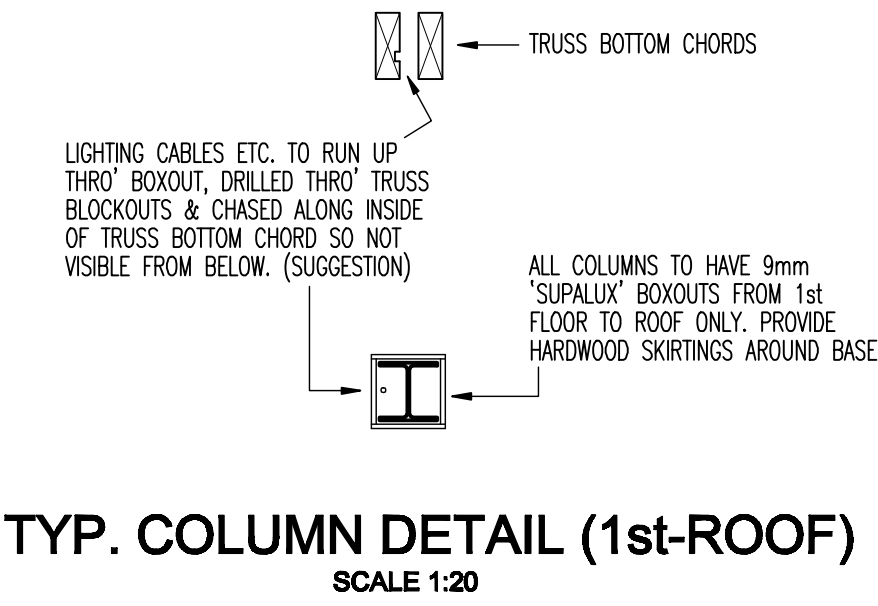
SECTION THRO' RAMP
SCALE 1:50



EXISTING TRUSS STRENGTHENING DETAIL
SCALE 1:20



SECTION THRO' GABLE AT GRID A
SCALE 1:20



TYP. COLUMN DETAIL (1st-ROOF)
SCALE 1:20

CONSTRUCTION NOTES:

1. FOUNDATIONS
GRADE C30 CONCRETE PAD FOUNDATIONS - SIZES AS INDICATED ON DRG. A001. A TRIAL PIT HAS BEEN DUG AT GRID A2, EXISTING WALL FOOTING FORMATION AT APPX. -0.6m BEDDED ON PENNANT SANDSTONE WITH AN ESTIMATED BEARING CAPACITY OF AT LEAST 1000kN/m². IT IS PROPOSED TO FORM U/S OF NEW FOUNDATIONS AT THIS LEVEL, BUILDING INSPECTOR TO INSPECT FORMATION PRIOR TO CONCRETE POUR.
2. NEW FIRST FLOOR
18mm OSB PLYWOOD FLOORING ON 220x50 C16 JOISTS AT 400crs. WITH MIDSPAN SLUTTING. JOISTS STRAPPED TO FLOOR BEAMS ON GRID A - D WITH 30x5 G.M.S. STRAPS AT 1M MAX. CRS. STRAPS TO EXTEND OVER 3No. JOISTS WITH NOGGIN'S BETWEEN. PROVIDE 75x38 CROSS BATTENS AT 600crs BELOW JOISTS WITH 2 LAYER 12.5mm 'SOUNDLOC' PLASTERBOARD BELOW. (SKIM FINISHED). FURTHER DETAILS AS INDICATED ON DRAWINGS. FINAL FLOOR FINISH, SKIRTINGS ETC. TO CLIENT'S PROPOSALS & TO BE AGREED WITH MAIN CONTRACTOR.

NOTE: COULD USE 22mm ENGINEERED TAG PLY FLOORING WITH BUILT IN FINISH. - CLIENT / BUILDER AGREEMENT.
3. HIGH LEVEL STORAGE FLOOR
18mm OSB PLYWOOD FLOORING ON 225x63 C16 JOISTS AT 300crs. WITH MIDSPAN SLUTTING. JOISTS STRAPPED TO GABLE WALLS WITH 30x5 G.M.S. STRAPS AT 2M MAX. CRS. STRAPS TO EXTEND OVER 3No. JOISTS WITH NOGGIN'S BETWEEN. PROVIDE 1 LAYER 12.5mm MOISTURE RESISTANT PLASTERBOARD BELOW JOISTS WITH SKIM FINISH.
4. NEW ROOF
CONCRETE INTERLOCKING PROFILED TILES TO MATCH MAIN ROOF ON 25x38 TILE BATTENS ON 'ROOFSHIELD' OR SIMILAR BREATHABLE MEMBRANE ON 25mm DEEP COUNTERBATTENS ON 25mm 'THINSULEX' INSULATION ON 100x50 C16 RAFTERS AT 400 APPROX. CENTRES. PROVIDE 70mm 'CELOTEX' CUT TO PUSH FIT BETWEEN RAFTERS WITH 12.5mm VAPOURCHECK PLASTERBOARD BELOW. (SKIM FINISHED). RAFTERS FIXED TO TIMBER PLATES AT STEEL VALLEY BEAMS WITH TRUSS CLIPS OR FRAMING ANCHORS. TIMBER PLATES DRILL FIXED THRO' TOP FLANGES OF NEW STEEL BEAMS. CABLE TRUSSES AT GRIDS A & D TO BE TIED TO WALLS ALONG TRUSS TOP CHORD WITH PROPRIETARY S/S WALL TIES AT 900crs. FURTHER ROOF DETAILS AS INDICATED ON DRAWINGS.
5. ROOF OVER EXISTING WINGS IN HIGH LEVEL STORAGE AREAS
CONCRETE INTERLOCKING PROFILED TILES TO MATCH MAIN ROOF ON 25x38 BATTENS ON 1 LAYER ROOFING FELT ON 100x50 C16 RAFTERS AT 400crs. LINE RAFTERS THRO' WITH TOP OF COUNTERBATTENS ON ROOF BEYOND. RAFTERS FIXED TO NEW WALL PLATES AT EAVES & TO TIMBER BEAMS AT VALLEY WITH TRUSS CLIPS OR FRAMING ANCHORS. RAFTERS STRAPPED TO GABLE REAR WALL WITH 30x5 G.M.S. STRAPS AT 2M MAX. CRS. STRAPS TO EXTEND OVER 3No. RAFTERS WITH NOGGIN'S BETWEEN. NO INSULATION OR PLASTERBOARD REQUIRED. FURTHER DETAILS AS INDICATED ON DRAWINGS.
6. PARTITIONS
LIGHTWEIGHT C SECTION METAL STUDS & ASSOCIATED NOGGIN'S. BRITISH GYPSUM 48 S 50 OR SIMILAR WITH 25mm APR 1200 QUILT BETWEEN STUDS & 12.5mm P/BOARD EACH SIDE. FLOOR HAS BEEN DESIGNED TO TAKE THESE AT ANY LOCATION, CLIENT TO DECIDE ON LAYOUT (IF ANY).

Rev.	Date

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Client
ASDAN

Job Title
PROPOSED OFFICE REFURBISHMENT AT REAR

Drawing Title
CROSS SECTIONS & DETAILS

Scale at A1 **AS SHOWN**

Drawing Status
FOR BUILDING REG'S APPROVAL

Job No 2137	Drawing No S 002	Revision
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