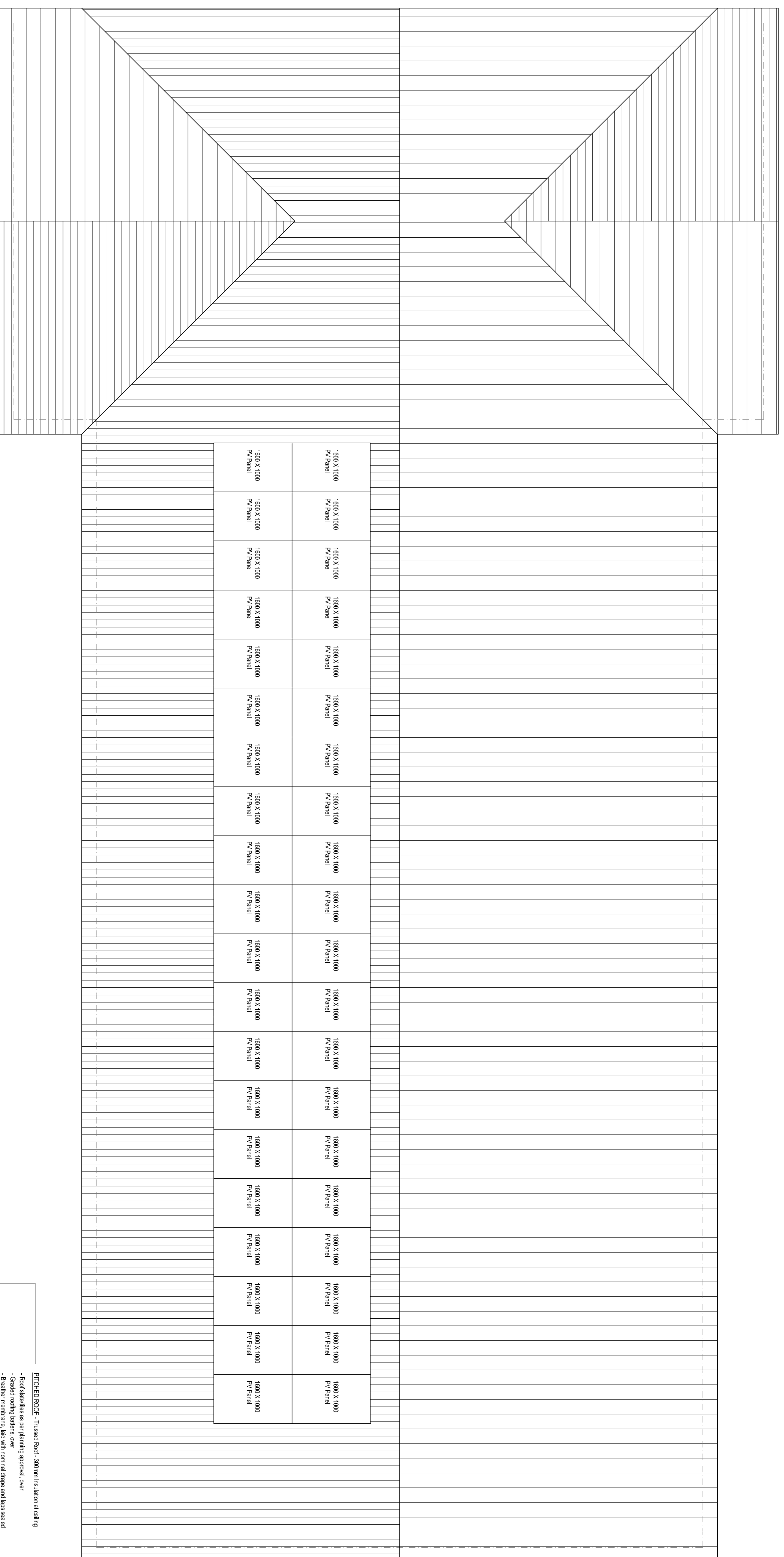


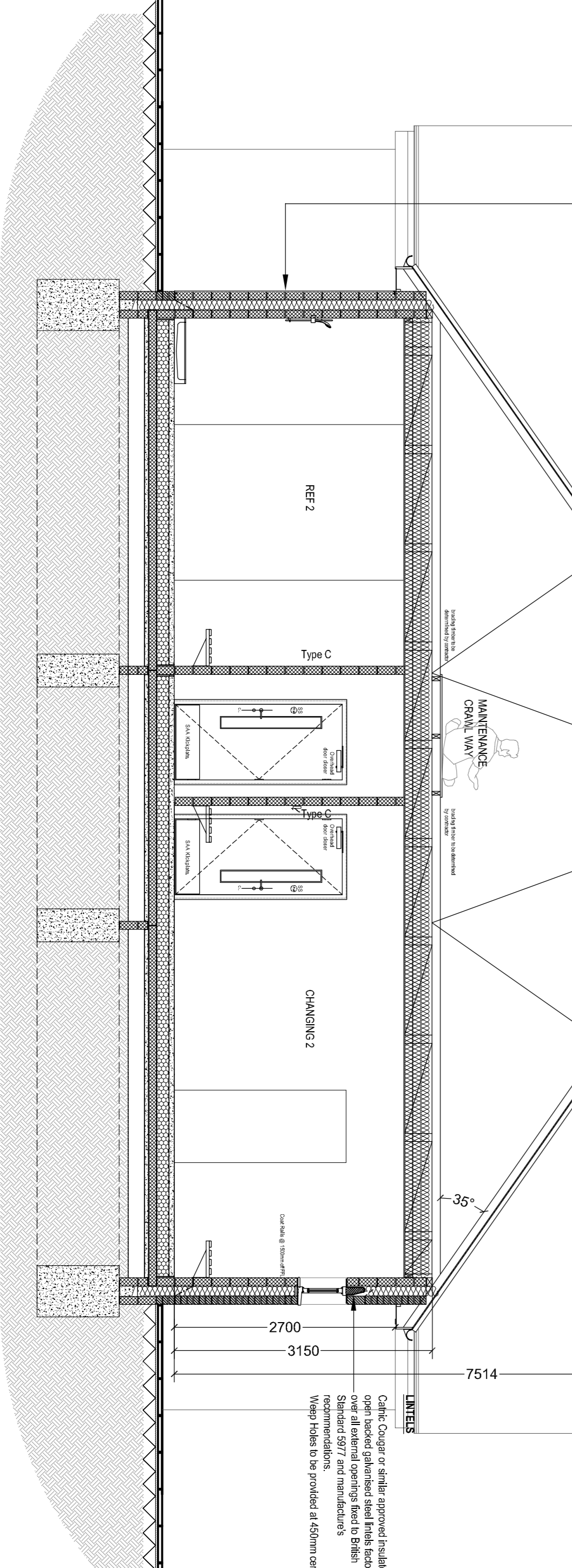
Note:
This drawing is to be read in conjunction with the following documents:
1. The contract documents.
2. The specification.
3. The bill of materials.
4. The schedule of work.
5. The schedule of materials.
6. The schedule of finishes.
7. The schedule of plant and equipment.
8. The schedule of furniture and fittings.
9. The schedule of lighting.
10. The schedule of heating, ventilation and air conditioning.
11. The schedule of fire protection.
12. The schedule of security.
13. The schedule of accessibility.
14. The schedule of sustainability.
15. The schedule of health and safety.
16. The schedule of quality management.
17. The schedule of risk management.
18. The schedule of information management.
19. The schedule of project management.
20. The schedule of communication.



PROPOSED ROOF PLAN

EXTERNAL WALL - Rendered - 125mm Chalky
Below ground use minimum 25mm depth concrete foundation (belowground Thermally Breakable or Cation Standard foundation block)
Wall insulation to be confined at least 25mm min. below the DPC and up to the eaves level (or 25mm min. below top of external wall including the gable end.
- 40mm render. Sto or similar to manufacturers specification and as per planning approval.
- 100mm 3.8N block with 0.15 Wmk thermal conductivity, Thermablock, Cation.
- 125mm cavity. Akel with 125mm Knauf Earthwool DWT125m32.
- 100mm 3.8N block with 0.15 Wmk thermal conductivity, Thermablock, Cation Standard or equal approved.
- 125mm Blaker Gypsum Wallboard TKN fixed to manufacturers details with 3mm joint.
DIMENSIONS: 1915mm

PITCHED ROOF - Trussed Roof - 300mm insulation at ceiling
Roof details as per planning approval over:
- Gable roof.
- Eaves.
- Breasts.
- Brackets.
- Battens.
- Membranes. Batt with nominal slope and thus sealed.
All insulable to manufacturers specifications and to BS5554:2014 (A:2015)
Trussed rafters designed by specialist supplier to be fixed at 600mm centres. Supplier to ensure design fully complies with British Standards and to obtain product requirements for the stability of the roof including appropriate fire design (where applicable). Supplier to provide details of the roof structure with calculations which are to be submitted to the Local Authority for approval 28 days prior to commencement of site.
- 300mm Knauf Earthwool at R40 insulation. Insulated to manufacturers specifications.
- 1000 square strand roofbeams vapour barrier to manufacturers details with 3mm joint to achieve U-value of 0.19 W/m²K
Note: Contractor shall ensure roof access trap is closed at all times whilst carrying out all works to reduce the risk of condensation occurring. Galvanized steel doors at 2m maximum centres across 250x250mm where possible to be installed with all roof timber joisting between trusses at steep pitches.
Fencing trap to be installed at all abutments with code 4 floor finishing (resin cast and code 3 squares if required).
Roof valleys are to be constructed with code 5 sheet (in heights not exceeding 1.5m with min 500 lip), finished with insulation and fixed over 25mm DPC.
Note: DPC shall be fixed to the rafters when in use and special precautions may be required when they are covered by thermal insulation material. See BS 5622 Thermal Insulation including 1906, section 2.3



PROPOSED SECTION B - B

NOTE:
DRAWINGS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS

T1 240124 S2 ISSUED FOR TENDER
B2 012117 S5 Roof plan issued
B1 210917 S6 Issued for approval



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Proposed New Sports Pavilion
Shakespeare Park
Braunstone
For Braunstone Town Council

T16
TENDER - Proposed Section and Roof Plan

SCALE	DRAWN	CHECKED	DATE
1:200	SS	NO	17
1:200	SS	NO	17
1:200	SS	NO	17