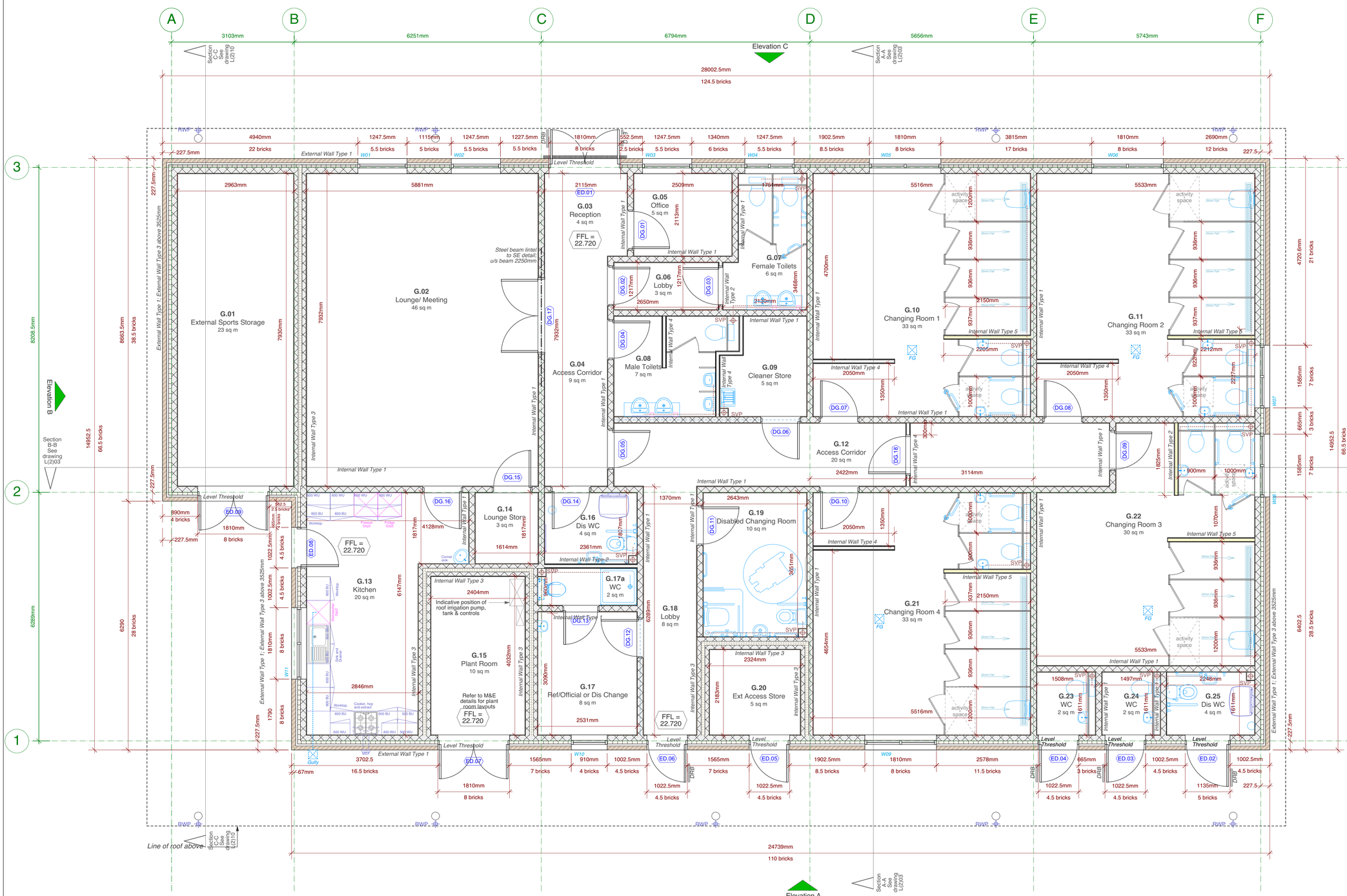

PROPOSED GENERAL ARRANGEMENT PLAN

0 2.5 5.0 7.5 10.0 12.5 M

Scale 1:50 @ A1

WALL TYPE NOTES:

EXTERNAL:

EXTERNAL WALL TYPE 1:
- 102.5mm facing brickwork
- 50mm clear cavity
- 75mm partial fill insulation - Celotex CW4000
- 140mm Celcon Standard Aerated concrete block inner leaf
- 13mm we plaster

External wall to achieve U-Value 0.19W/m2K.

Omit plaster in room G.01, G.15 & G.20; Finish: Painted blockwork.

At high level above roof No. 2

EXTERNAL WALL TYPE 2:
(Structural Timber Stud Wall to SE details)
- Fibre-cement wood effect horizontal weatherboarding.
- 38 x 50mm treated SW vertical battens.
- Vapour permeable sarking membrane for ventilated cavity
- 50mm PIR framing board insulation (Outside of stud).
- Vapour permeable sarking membrane
- 9mm external grade OSB board
- Studs: 50x100mm Timber Studs & Cripple Studs as SE detail - Drawing No. 3352-1115.
- 60mm PIR framing board insulation (Between studs).
- Sheet vapour control and airtightness barrier
- 12.5mm Fire Check plasterboard
- 3mm skim plaster internal finish

External wall to achieve U-Value 0.19W/m2K

EXTERNAL WALL TYPE 3:
(Structural Timber Stud Wall to SE details)
- 102.5mm Facing brickwork
- 50mm wide clear cavity
- 75mm partial fill insulation - Celotex CW4000
- Breather membrane vapour control layer
- WBP Plywood sheating board - mechanically fixed to roof truss plus additional vertical timber studs. Plywood grade/thickness and fixing specification to SE details
- Wall ties: Anocon Staifix- Thor Helical Timber Tie TIM6 222mm long with Staifix Universal insulation retension Clips (Min. embedment depth of timber 35mm in timber frame and 65mm in masonry leaf). Tie Fixing Layout: 600mm centres horizontal and 300mm centres vertically
- Gable-End timber roof truss to receive additional 75x50mm solid timber vertical studs at 600mm centres for wall ties fixings (Alternative to vertical studs to truss- 2 layers of 18mm WBP Plywood sheating boards face fixed to truss).
- 75mm semi rigid insulated wall batts (Between studs)

INTERNAL:

INTERNAL WALL TYPE 1:
- Plaster and skim internal finish.
- 140mm concrete blockwork inner leaf.
- Plaster and skim internal finish.

INTERNAL WALL TYPE 2:
- Plaster and skim internal finish.
- 100mm concrete blockwork inner leaf.
- Plaster and skim internal finish.

INTERNAL WALL TYPE 3:
- Plaster and skim internal finish.
- 100mm concrete blockwork.
- 100mm full fill insulation.
- 100mm concrete blockwork.
- Plaster and skim internal finish.

Omit plaster in room G.01, G.15 & G.20; Finish: Painted blockwork.

INTERNAL WALL TYPE 4:
- 2 x 12.5mm plasterboard.
- 70mm 'C' Studs at 600mm centres.
- 2 x 12.5mm plasterboard.

INTERNAL WALL TYPE 5:
- 2.5mm Whiterock Satins Wall Cladding.
- Outer lining:12mm Knauf Aquapanel Indood.
- Inner lining: 12mm WBP Plywood.
- 70mm 'C' Studs at 600mm centres.
- Inner lining: 12mm WBP Plywood.
- Outer lining:12mm Knauf Aquapanel Indood.
- 2.5mm Whiterock finish.

GENERAL NOTES:

DIMENSIONS:

Red dimensions shown for walls relate to the masonry not the finished faces unless noted otherwise.

U-VALUE:

External walls to achieve 0.19W/m²K.
Roof to achieve 0.12W/m²K
Floor to achieve 0.16W/m²K.

AIR PERMEABILITY:

Air leakage rate of building envelope as a whole to archive a (Minimum) of 5 m³/hr/m² at 50 Pa.

Refer to drawings L(2)03 and L(2)04 Proposed Section for roof and floor build up and details.

Structural Engineer/Civil Engineer to confirm SVP and sub stacks AAV.

DRB Door Restrainer & Pedestrian Barrier:
- Tubular steel door restrainer with integral rubber buffer. Boyco Premier Range or equal.
- Size: 38mm dia 450mm long by 1100mm above external finished level.
- Finish: Polyester Powder Coated.
- Colour: TBC

SVP Contractor to SVP and Sub Stack AAV location.

Rev	Date	By	Ap	Note
H	22/07/19	EN	DM	Updated to As Built Issue
G	21/02/19	EN	DM	Door opening outwards, DB added, RWP omitted and corner WHB added in G.13.
F	11/02/19	EN	DM	Drawing amended as clouded: ACO channels grid 1 & 2 omitted, DG.17 updated, bench in G.19 omitted, wall in G.22 updated and general notes added.
E	04/12/18	EN	DM	Cross corridor door added. External wall Type 3 added.
D	28/11/18	EN	DM	Shower channels amended.
C	05/09/18	TC	DM	Updated to Construction Issue.
B	16/05/18	TC	DM	Revised to Tender Status.
A	30/11/17	EN	CS	Changing rooms layout updated and notes amended.

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Project: Boorly Green Sport Pavilion

Client: LST Projects

Drawing Title: Proposed Floor Plan

Project Number	Drawing Number	Revision
170320	L(2)01	H

Scale	Paper Size	Filename
1:50	A1	170320.vwx

Date	Drawn	Checked	Status
1/11/17	EN	CS	AS BUILT

Check all dimensions and levels on site

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