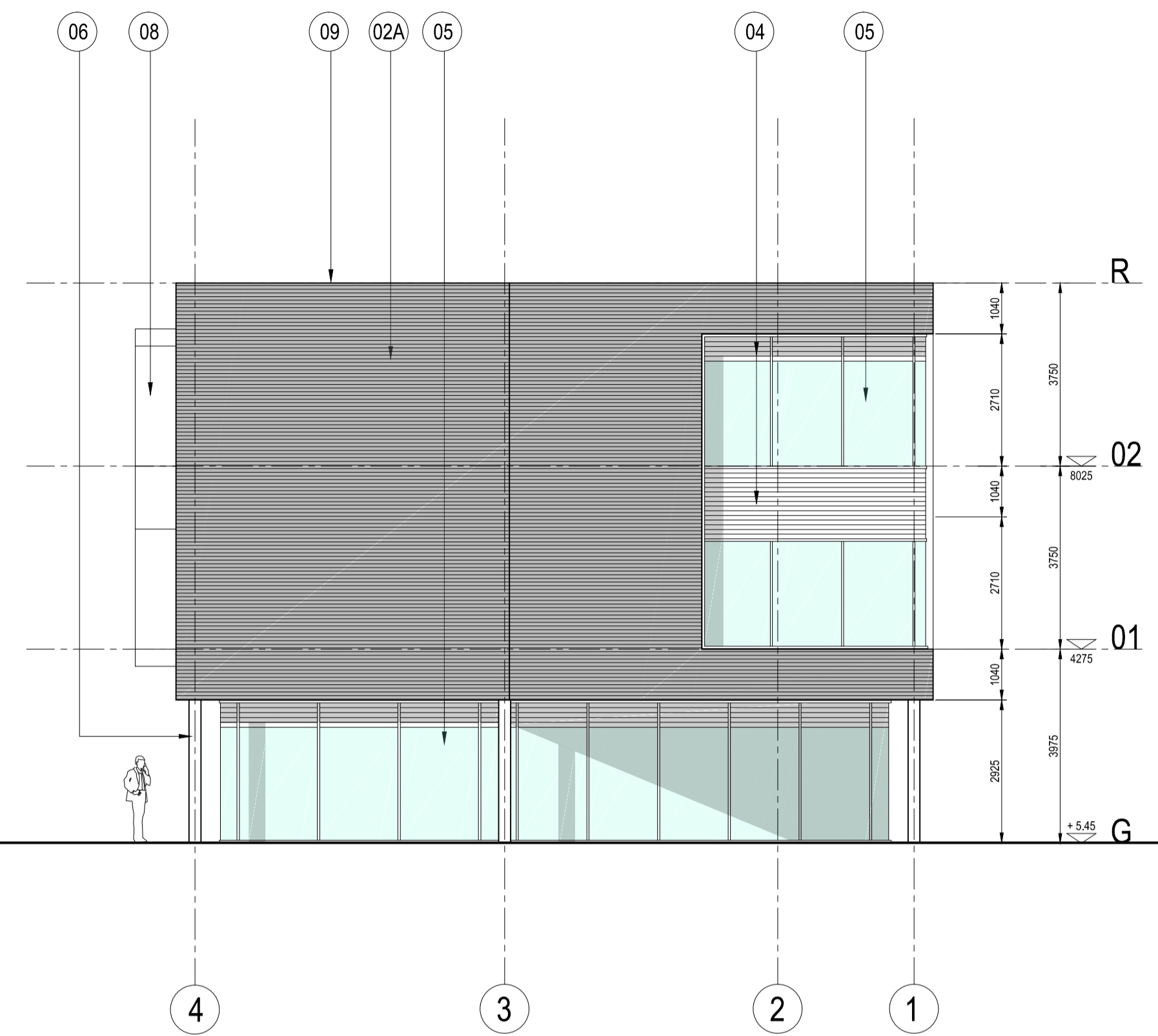
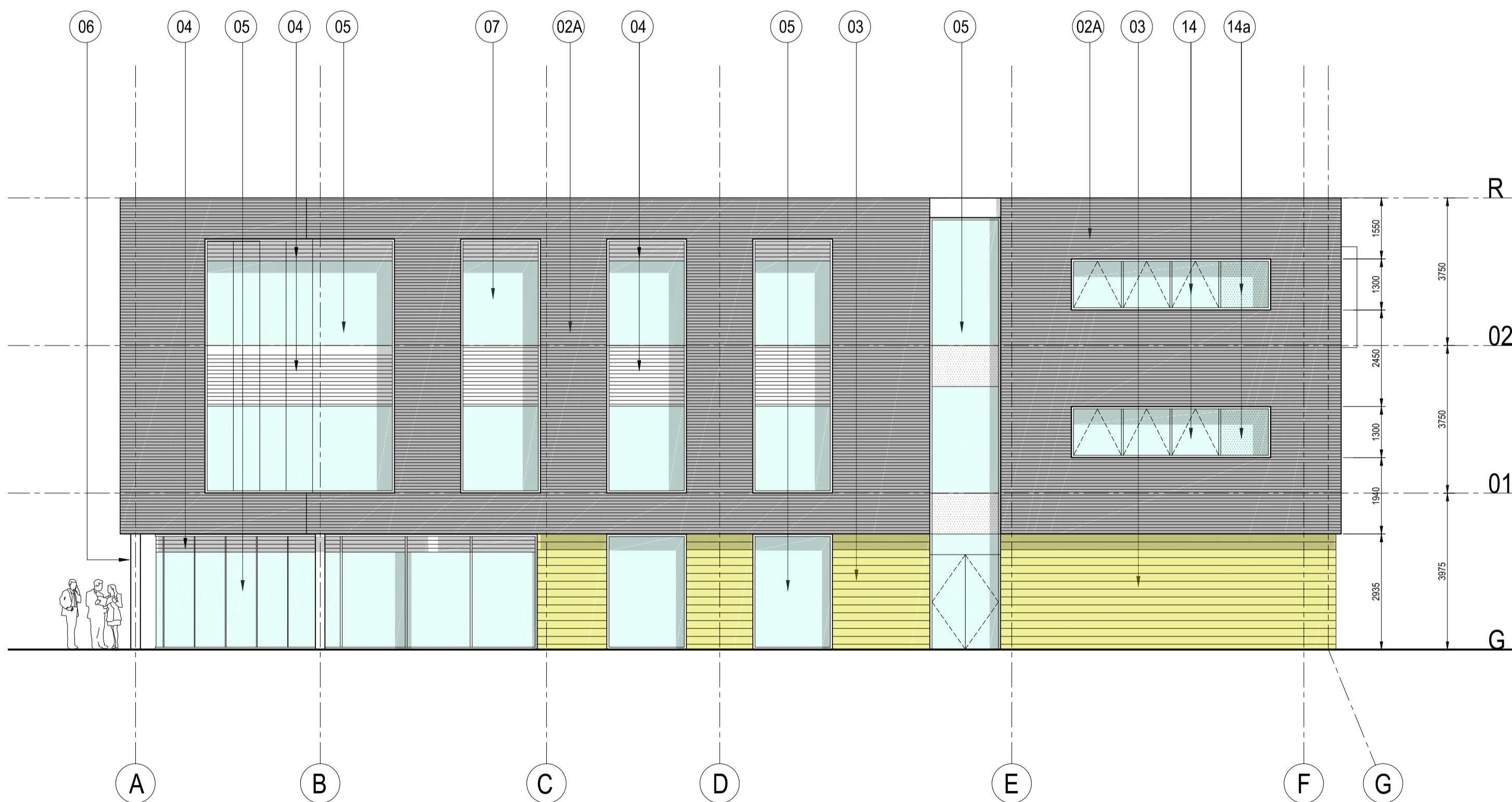




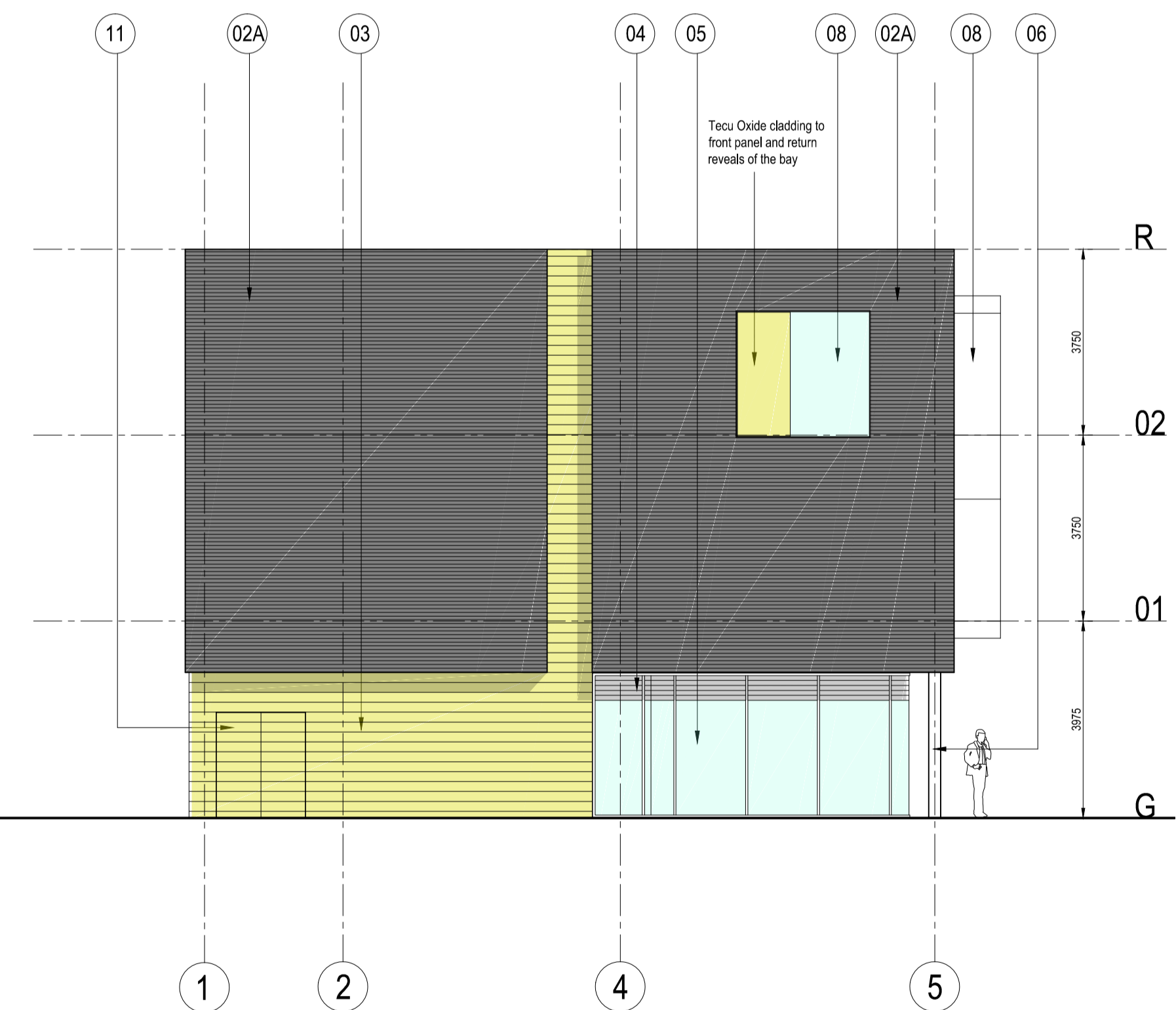
Building C - East Elevation



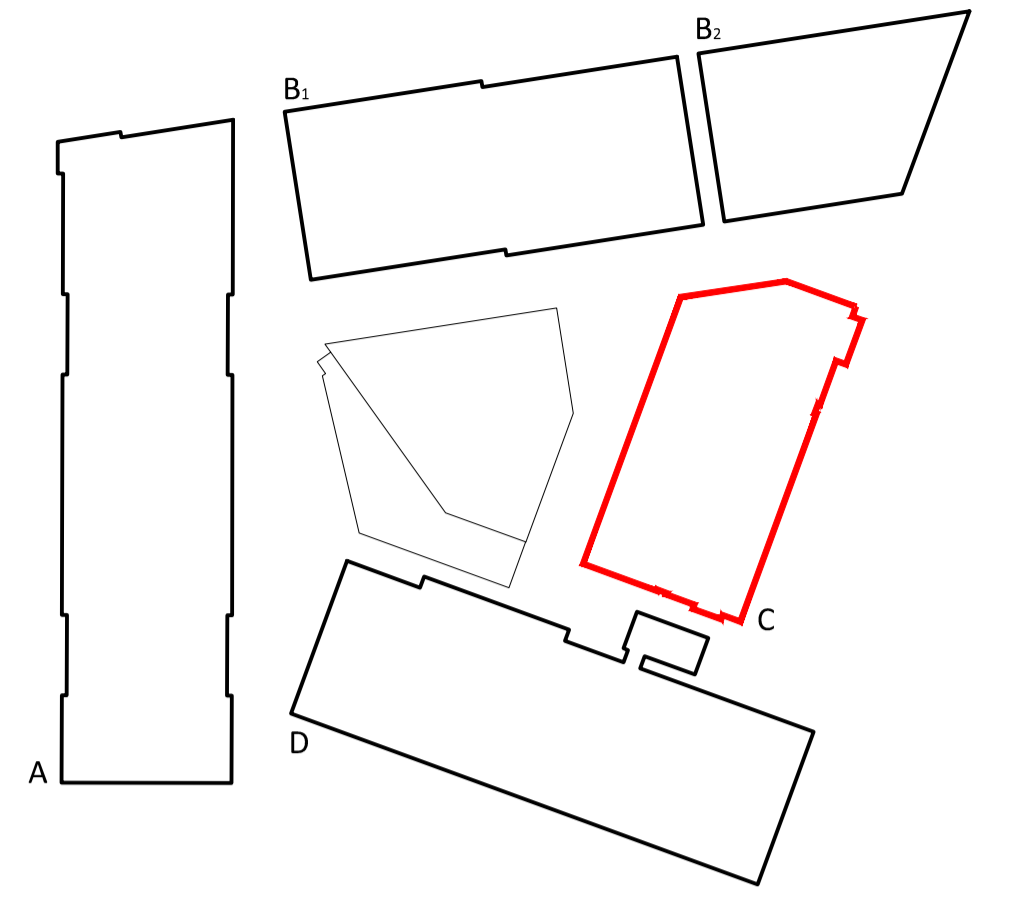
Building C - North Elevation



Building C - West Elevation



Building C - South Elevation



- MATERIALS NOTES**
- 01. METAL RIB MESH PANEL SYSTEM**  
Teuco 'Bress' metal mesh system or similar & approved.  
Teuco rib mesh panel installed into a galvanised steel frame fabricated from nominal 100x50 galvanised mild steel angles fixed in front of glazed window units. A minimum maintenance gap of 250mm must be maintained between the glass and the mesh panel.
  - 02A. BRICK WALL CONSTRUCTION (METSEC) - Above Ground Level**  
Brick cavity wall construction consisting of 102mm Blue facing brick, Staffordshire Smooth Blue by Wienerberger or similar & approved, 50mm air cavity and 50mm Kingspan Kooltherm K12 Framing board fixed back to 16mm cement particle board on 150mm Metsec metal SFS system with 50mm acoustic insulation to cavity. Internal finish to have 15mm plywood gresser layer and 15mm Gyproc Duraline board finish. Wall U-value to achieve 0.24 W/m2K or as required by the thermal model. Refer to M&E engineers specification.
  - 02B. BRICK WALL CONSTRUCTION (BLOCKWORK) - Ground Floor Level**  
Brick cavity wall construction consisting of 102mm Blue facing brick, Staffordshire Smooth Blue by Wienerberger or similar & approved, 50mm air cavity and 50mm Kingspan Kooltherm K12 Framing board fixed back to 140mm blockwork inner leaf. Internal finish to have 15mm Gyproc Duraline board dot & dab finish. Wall U-value to achieve 0.24 W/m2K or as required by the thermal model. Refer to M&E engineers specification.
  - 03. METAL PANEL SYSTEM**  
Teuco 'Oxid' Panel System or similar & approved. Linear metal panels laid horizontally with tongue & groove recessed joints fixed back to a rail and hand bracket system. Internal wall leaf to be 140mm blockwork. Wall U-value to achieve 0.24 W/m2K or as required by the thermal model. Refer to M&E engineers specification.
  - 04. ALUMINUM VENTILATION LOUVER SYSTEM**  
Aluminum louvre panels powder coated (marine grade) to colour 'Black' RAL 9005  
Louvers to be Class A rated to prevent water ingress  
Where the louvers are required to provide free air flow refer to M&E engineers specification & details. Where no ventilation is required the louvre is to be a mimic louvre of the same profile but insulated to achieve the requirements of the thermal model.
  - 05. ALUMINUM CURTAIN WALLING SYSTEM**  
Aluminum double glazed curtain walling system Senior Architectural Systems SMR800 or similar & approved. Aluminum to be powder coated (marine grade) to colour 'Black RAL 9005'. Glass specification to achieve a g-value of 0.4 and U-value of 1.6 W/m2K to the requirements of the thermal model.
  - 06. GRP COLUMN CASINGS**  
GRP circular column casing (fabricated in two halves with a recessed joint connection detail) to clad the structural universal column sections. Column casing to be a nominal 450mm dia. to be co-ordinated with the final structural steel design. Finish to replicate a polish concrete effect.
  - 07. ALUMINUM CURTAIN WALLING SYSTEM - METAL WINDOW SLEEVES**  
Aluminum double glazed curtain walling system Senior Architectural Systems SMR800 or similar & approved. Aluminum to be powder coated (marine grade) to colour 'Black RAL 9005'. Glass specification to achieve a g-value of 0.4 and U-value of 1.6 W/m2K to the requirements of the thermal model. Teuco Brass metal flat window sleeve (assume 10mm x 370mm flat plate with fully welded corners) wrapped in Teuco Brass sheets to form the window lining to all recessed windows. The sleeves to be bolted to secondary steelwork via steel brackets.
  - 08. PROJECTING GLASS BAY WINDOW SYSTEM**  
SGG Lite-Wall ISO double glazed bolted structural glass system by Solagies or similar & approved. System to include internal glass supporting fins and stainless steel brackets/fixings as required all to specialist sub-contractors design.
  - 09. SINGLE PLY MEMBRANE ROOFING SYSTEM (METAL DECK)**  
Sika-Troco SGK single ply membrane roof system or similar & approved on polyisocyanurate foam board insulation, cut to falls, with a S-Vap 5000E SA vapour control layer on a structural profiled metal & concrete deck to the structural engineers details. PPC aluminum pressed coping profile to parapet upstand - colour to match brickwork.
  - 10. NATURAL STONE GABION CLADDING**  
Natural stone gabion baskets to form the external cladding to the plinth walls. Gabion baskets to be 600W x 1500 x 300H in galvanised steel wire to match phase 1 works. Gabions to be fixed back to in-situ concrete retaining wall. Yorkshire Sandstone infill to be hand laid to replicate a dry stone wall - flat bed stone nominal dimensions of 100mm bed depth x maximum 200mm length x 50mm high.
  - 11. EXTERNAL METAL ENTRANCE DOORS**  
External steel doors clad in Teuco Oxide metal cladding as note 03.
  - 12. EXTERNAL METAL DOORS**  
External steel doors and frames primed & painted in colour to match brickwork.
  - 13. EXTERNAL SOFFIT LINING SYSTEM - to underside of first floor / ground floor setbacks**  
Pressed powder coated (marine grade) aluminum soffit lining system on aluminum carrier rail subframe hung from the structural steelwork/slab - colour to be silver RAL 9006. U-value to meet the requirements of the M&E engineers thermal model & specification.
  - 14. ALUMINUM WINDOW SYSTEM - Ribbon windows with opening lights**  
Aluminum double glazed ribbon window system Senior Architectural Systems SMR800 or similar & approved. Windows to be installed with concealed type opening lights where indicated and required to satisfy the ventilation requirements. Aluminum to be powder coated (marine grade) to colour 'Black RAL 9005'.
  - 14a. ALUMINUM WINDOW / MIMIC GLASS SYSTEM - Ribbon windows with fixed light.**  
Aluminum double glazed ribbon window system Senior Architectural Systems SMR800 or similar & approved. Windows to be fixed with mimic glass - colour to be confirmed. Aluminum to be powder coated (marine grade) to colour 'Black RAL 9005'.

Contractor must verify all dimensions on site before commencing any work or shop drawings. If this drawing exceeds the quantities taken in any way the Architects are to be informed before the work is initiated. Only figured dimensions to be taken from this drawing. Do not scale off this drawing. Drawings based on Ordnance Survey and / or existing record drawings - design and drawing content subject to Site Survey, Structural Survey, Site Investigations, Planning and Statutory Requirements and Approvals. Authorised reproduction from Ordnance Survey Map with permission of the Controller of Her Majesty's Stationery Office. Crown Copyright reserved. Enjoy Design Ltd.

Scale 1:100

**Notes:**

1. Any areas indicated on the plans are approximate. They relate to the likely areas of the building at the current state of the design and are calculated using the stated NIA method from the Code of Measuring Practice 5th Edition RICS/ISVA. Any decision to be made on the basis of these predictions, whether as to project viability, pre-letting, lease agreements or the like, should include due allowance for design development and building tolerances. Floor areas are subject to Planning, Building Control and other statutory approvals.
2. Any structural, services or fit out detail shown is indicative only, refer to relevant Consultants/Clients information for details.
3. THE CONTENT OF THIS DRAWING IS FOR DESIGN INTENT AND REQUIRES FURTHER DESIGN DEVELOPMENT AND COORDINATION WITH ALL RELEVANT CONSULTANTS, SUB-CONTRACTORS, SPECIALIST DESIGNERS AND STATUTORY AUTHORITIES.

4. The Contractor must immediately inform the Architect of any discrepancies or errors in the information shown on this drawing and should not commence any shop drawings or work relating to the discrepancy or error before informing the Architect.

Rev.	Des.	By	Date	Ch.	Status:
D	Updated to reflect VE amendments	ARN	26/08/15		
C	Windows amended	ARN	14/08/15		
B	Structural grid amended. Mimic glass added	ARN	21/05/15		
A	Material notes amended.	ARN	14/05/15		

**CONSTRUCTION**

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Client:	Watergate Developments Limited	Job No.:	14.032
Project:	Office Buildings B2 & C The Dry Dock, Hull		
Title:	Office Building C Elevations	Scale:	1:100@A1
Date:	23.04.15	Checked By:	
Drawing No:	(00) 007	Drawn By:	AN
		Revision:	D

