

EXTERNAL WALL NOTES:

- EW1** - **RED** dashed line, denotes line of **AIRTIGHT LINE**
- EW2** - Corium Brick Cladding system, brickwork returned into window reveals and to form vertical shadow gap recess.
- EW2A** - 3mm PPC cill (min 3 deg pitch) / head flashings, to be shaped/formed to suit vertical shadow gaps recesses (small drainage holes to head flashings + insect mesh).
- EW2B** - 3mm PPC vertical aluminium shadow gap recesses, to be formed between Corium Panels
- EW2C** - **BROWN** Line denotes EPDM's.
- EW2D** - 3mm PPC vertical jamb flashings, to be shaped/formed behind corium panel and to be fully integrated / sealed with curtain walling mullion flashings. (Insect mesh as required). Required to North and East Elevations only.
- EW3** - Capped Curtain walling system Refer to CW drawings.
- EW3A** - **BROWN** line of EPDM's to be fully bonded to CW system and Waterproofing systems / Rainscreen cladding systems to provide a full watertight / airtight seal (Min 100mm lap)
- EW3B** - CW to include PPC flashings to cill, jambs and head.
- EW3C** - Additional Insulation required to cavities maintain U-value's
- EW3D** - Aluminium Anodised Insulated Spandrel panels.
- EW3E** - Double Glazed Insulated Spandrel panels.
- EW3F** - Fixing plate detail to be formed into recessed slab pockets and pocket to be filled with heavy duty screed once installation is completed to CW sub - contractor and SE details. Also requirement for fixing plates to be fixed to structural backing wall support
- EW3G** - Softwood window board system to be fully bonded / fixed to plasterboard and be fully sealed to between board and CW system with non setting intumescent mastic.
- EW3H** - Pigeon Wire system to match Phase 1
- EW4** - **Rockwool 180mm Rainscreen Duo** to Corium areas / **140mm Rainscreen Duo** to Aluminium Recess. **200mm Rockwool SteelFrame Slab** to SFS and cavity, with 75mm **Rockwool SteelFrame** to IWL to achieve's overall U-value.
- EW5** - Sheathing Board fixed back to structural backing wall • **AQUA** dashed line of Self-Adhesive vapour permeable external air barrier (**Wraptite-SA and Tapes**) onto the external face of sheathing board, to be formed into **ALL** reveals back to structural backing walls/ floor slabs and to be lapped onto waterproofing systems all to manufacturer details.
- EW6** - Structural backing wall comprising 150mm SFS.
- EW7** - Cast In-situ Concrete Frame to SE details.
- EW8** - **GLARE** control roller blind system, fixed through plasterboard into plywood pattress or timber backing within plasterboard studwork.
- EW9** - **IWL** with 2 layers of 12.5mm Gyproc Fireline + 2mm Skim. **VCL** to back of plasterboard.
- ROOF & PARAPET NOTES:**
- RF1** - Proprietary insulated hot melt inverted roof membrane system
- RF2** - 3mm PPC aluminium parapet coping with internal butt straps at joints and formed to 7 degree angle.
- RF2A** - EPDM's to be formed over coping support angles.
- RF2B** - Support angles to be fixed to support main support angles which in turn are fixed to sheathing board in structural backing systems.
- RF2C** - Stainless edges protectors required to edge of parapet capping to prevent damaged from abseiling ropes.
- RF2D** - Flush colour coat rivet fixings required and to be fully reinforced to allow for abseiling.
- RF3** - Louvred Screen systems - PPC Aluminium single bank ventilation and rain defence Louvre screen with inverted blades fixe back to mullions systems which in turn is to support structure / cladding system and support integrated hinge doors within concealed framing, blanking panels and bird guard / insect mech.
- RF4** - Roof overflow chute - To be formed to suit a 215x65 Corium brick, laid to fall, ppc steel sheet, fully lined with EPDM and fully bonded to IKO cement based upstand. TO be formed through Corium system. All additional supports required to provide robust detail to be provided / detailed by sub-contractor. refer to roof plan for locations and detail section.
- RF5** - Proprietary insulated hot melt inverted roof membrane system, with paving slabs on proprietary supports and gravel ballast layer.

ROCKWOOL Systems -

R1 - **ROCKWOOL FirePro SP60** and **FireProSP120** Fire Stops/cavity barriers fixed to floor slab/ Sheathing boards/rails for Horizontal (Closed State) and Vertical applications (Closed State). Note **ROCKWOOL SP Firestop OSCB 60** and **SP Firestop OSCB 120** is required for the horizontal fire stops within ventilated rainscreen areas (Open State).

Plant Louvre
+25.500 (+55.500)

Existing Parapet Level
+34.755 (+54.755)

Existing Roof Level
+53.695 (+53.695)

Parapet
+22.475 (+52.475)

LEVEL RF
+21.000 (+51.000)

Existing Level 04
+47.700 (+47.700)

LEVEL 04
+16.950 (+46.950)

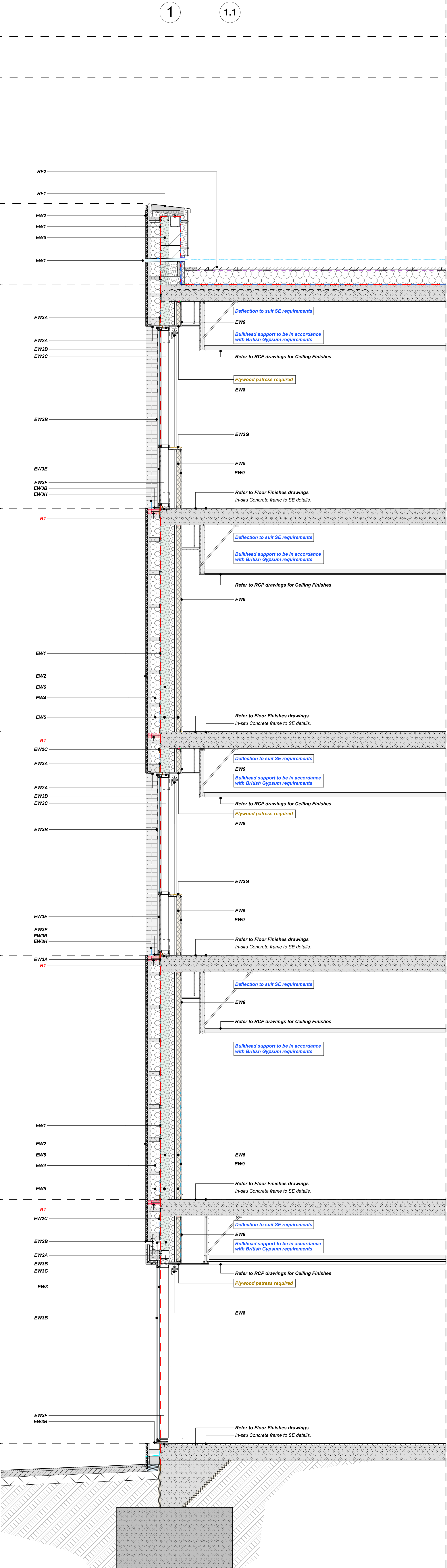
Existing Level 03
+43.275 (+43.275)

LEVEL 03
+12.900 (+42.900)

LEVEL 02
+8.850 (+38.850)

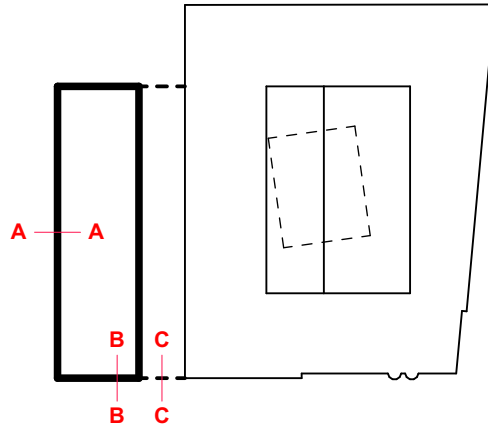
LEVEL 01
+4.425 (+34.425)

LEVEL 00
±0.000 (+30.000)



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Notes



P01	Stage 3 submission	BS	GQ	18.11.22
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rev	description	drawn	checked	date
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City Centre Phase 2
City Centre Site
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The Manchester College

Detailed Edge Section B-B

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