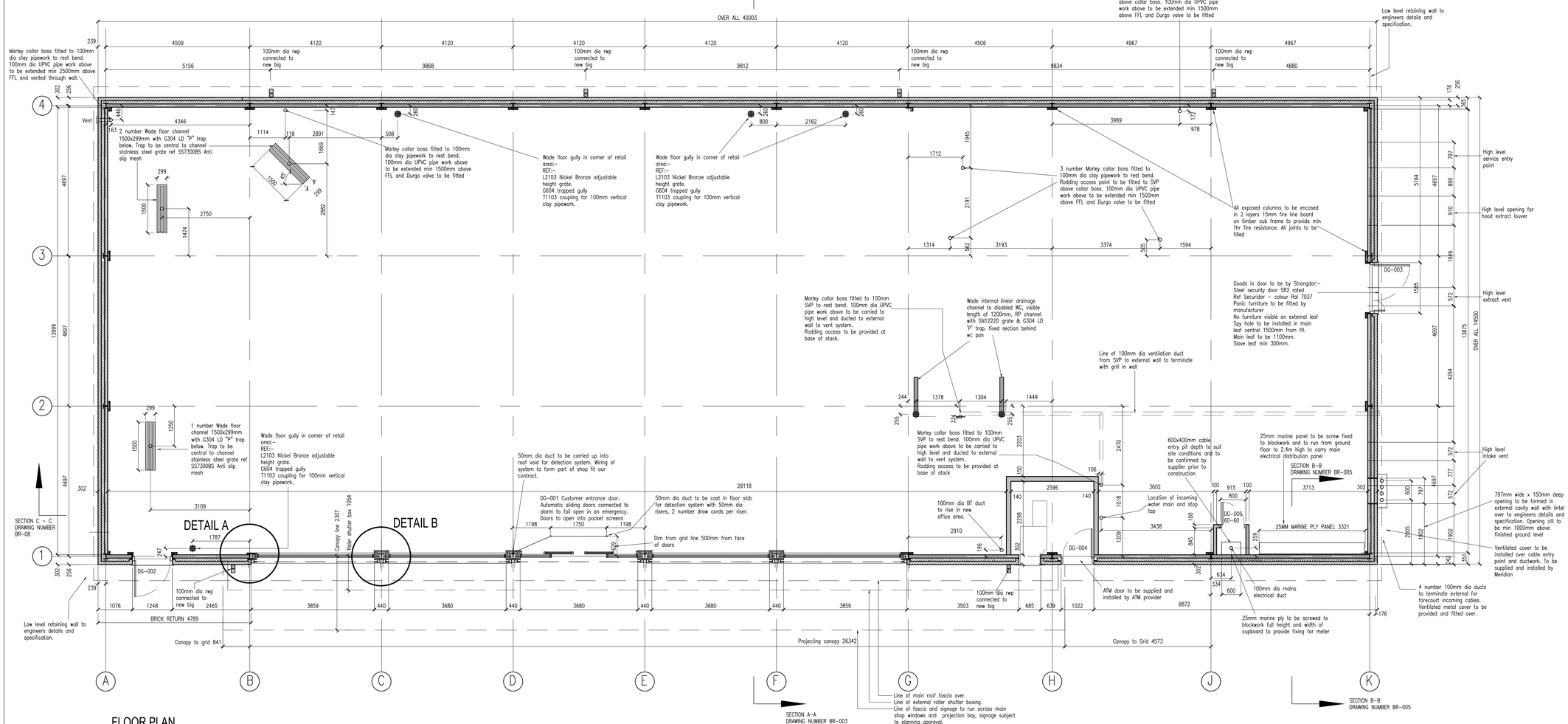
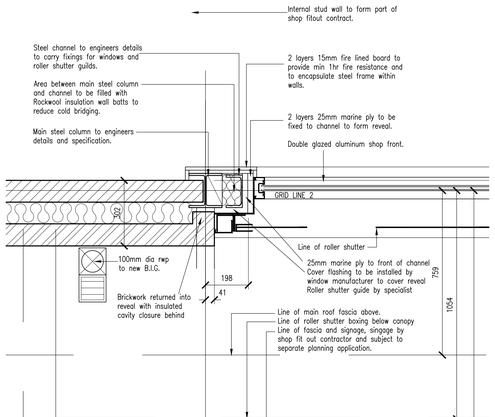
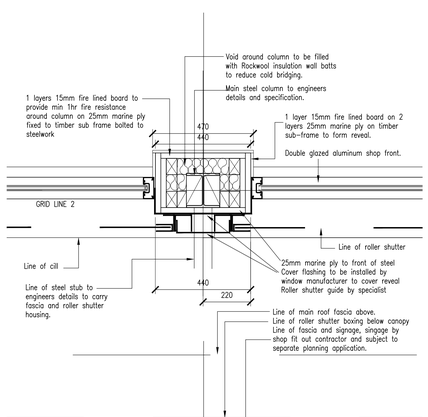


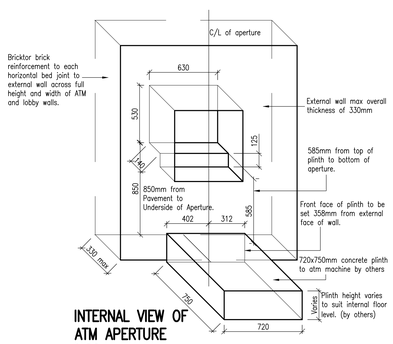
FLOOR PLAN



TYPICAL REVEAL DETAIL DETAIL A



TYPICAL COLUMN ENCASEMENT DETAIL DETAIL B



INTERNAL VIEW OF ATM APERTURE 1:20

DOOR SCHEDULE

MAIN CUSTOMER ENTRANCE DOOR DG–001

Powder Coated Aluminium doors and frame
Colour Ral 7037 Light Grey
Automatic opening doors wired to fire alarm to fall open in an emergency

IRONMONGERY pre–fitted by door manufacturer
Doors to open behind pocket screens

additional ironmongery:–
2 number 90mm S/B deadlocks
2 number Nickel 46mm euro single cylinder.
2 number Vieler s/steel euro cylinder rose.

GOOD IN DOOR EXTERNAL Side elevation DG–003

Pre decorated steel SR2 security doors and frame by Strongdor or similar approved Colour Grey ral 7037

IRONMONGERY all pre–fitted by door manufacturer
no ironmongery visible on external side.
Panic bar furniture.
Door closer to main leaf with hold open device.
Hinges by manufacture to be SR2 rated
Spy hole to be fitted central to main leaf and 1500mm above ffl

ESCAPE DOOR FRONT ELEVATION EXTERNAL DG–002

Pre decorated steel SR2 security doors and frame by PRIMA or similar approved Colour Grey ral 7037

IRONMONGERY pre–fitted by door manufacturer
no ironmongery visible on external side.
1 number Vieler rubber door stop
1 panic bar furniture to provide 4 point locking.
1 number Silver door closer (EN2–4).
2 pair 102x76mm SSS hinges.
Spy hole to be fitted central and 1500mm above ffl

ATM Internal door DG–004

Steel security door to be supplied and installed by ATM provider Colour Ral 7037

IRONMONGERY
All ironmongery to be pre–fitted by ATM provider

DG–005 METER CUPBOARD fire rating 60–60 SC

Solid core timber door set by Leader flush or similar approved paint grade Colour White

IRONMONGERY
1 number Vieler rubber door stop
1 number 300x19mm S/Steel F/F handle
1 number 400x75mm S/Steel push plate.
2 number 200mm S/Steel kicking plates
1 number Silver door closer (EN2–4).
1 and 1/2 pair 102x76mm SS hinges.
1 number mortise dead lock and keep

Rev C9 03-12-2020 JMW
Louver location and service openings indicated in external wall

Rev C8 19-11-2020 JMW
ATM location amended, and new external door added. Service penetrations around ATM amended to suit. Service penetration through side gable added

Rev C7 04-11-2020 JMW
Drainage pop up locations amended to suit amended store design layout, goods in door colour clarified Ral 7037

Rev C6 20-06-2020 JMW
Glazing specification amended, roller shutter specification added

Rev C5 21-07-2020 JMW
CONSTRUCTION ISSUE

RevC4 21-01-2020 JMW
Position of internal drainage channel between grids A-B and 1-2 amended.

RevC3 16-01-2020 JMW
Internal drainage amended to reflect store designs latest drawing.

RevC2 13-12-2019 JMW
Internal drainage around proposed butchers areas amended, dim to left of building rationalized.

RevC1 04-12-2019 JMW
Internal drainage layout amended to suit fit out requirements, goods in door amended to leaf & a half set.

Rev T3 09-08-2019 JMW
Note relating to tank deck over ATM removed.

Rev T2 05-07-2019 JMW
Sand blking in floor slab amended to concrete blinding

Rev T1 22-05-2019 JMW
TENDER ISSUE

Rev A 23-01-2018 JMW
Projection bay to right hand side of building omitted.

Rev C12 10-12-2018 JMW
Cooker hood louver relocated from rear elevation to side elevation

Rev C11 08-12-2018 JMW
Note to rear opening for cooker hood amended from flue to louver

Rev C10 07-12-2018 JMW
Size of opening for flue in rear wall amended

Notes: Do not scale from this drawing. This drawing is to be read in conjunction with all relevant design team specifications and drawings.
All dimensions are to be checked on site prior to commencement of work any variations to be notified to the Project Architect.
All components and materials are to be stored, protected, handled and installed in accordance with the manufacturer's recommendations.
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GENERAL CONSTRUCTION NOTES

ROOF CONSTRUCTION
ROOF DECK
Kingspan KS1000 RW panels with min 115mm thick core (146mm overall) giving a "U" value of 0.18w/m sq degrees C. 5.0 degrees pitch throughout, fixed to purlins to engineers details and specification (colour Basalt ral 7012)
Kingspan double sided plastisol "Highline" type gutter to be used to rear elevation and fixed to manufacturers details and specification.
Powder coated aluminum verge flashing's and trims to be used throughout.
Internal Ceiling to be exposed roof liner colour Ral 7022.

Underside of roof deck within retail area, purlins, steel frame and walls to be sprayed Ral 7022 (light grey) down to a height of 2.7m above ffl.

Ground Floor Construction
8mm ceramic tiles on 3mm bed to be supplied direct from client, including all joints, fixer and grout, on min 175mm suspended structural slab to be carried on sleeper walls to engineers details and specification, on Radon/DPM barrier by Permogard ref Radbar Radon membrane 1200 gauge to be laid and installed to manufacturers details and specification all to comply with BRE 211:2007, on 75mm EPS insulation board. Gas membrane to be lapped and jointed to dpc in walls, on 50mm min sand blinding, on min 225mm well consolidated hardcore to be laid and compacted in layers not exceeding 225mm. all to engineers details and specification.
(FINISHED FLOOR LEVEL TO BE FLUSH THROUGHOUT BUILDING)
All construction to be confirmed by structural engineer.

Foundations & Brickwork to D.P.C.
Foundations to engineers details and specification. All to the complete satisfaction of the building control officer and to suit ground conditions. Refer to engineers details if poor ground conditions found. Foundations to have 600mm min cover to finished ground level & to be at a depth to be agreed with Building Inspector depending on site conditions. Trenchblock to be used below finished Ground level. Blue engineering brickwork to outer leaf to start min 150mm below finished ground level & up to D.P.C. (Ketley Brick Staffordshire Blue). Wall cavity to extend 225 min. below D.P.C.
D.P.C. to be lapped and jointed with D.P.M. under floor slab. D.P.C. to be min. 150 min. above finished ground level Ground level to comply with Regulations C4. Pile foundations to be installed around basement and street elevation all to engineers details and specification.

External Wall Construction
302 cavity construction overall comprising:–
102mm multi red facing brickwork laid in natural mortar. (Hanson bricks – Caldera Red Multi) 100mm cavity with Cavitytherm 100CT/PKI full fill cavity insulation board, 100mm fair faced blockwork inner leaf flush pointed (7 N/mm sq). Internal face to be painted 1 primer, 1 undercoat, 2 coats eggshell colour White. Refer to finishes schedule for areas. All to give U–value of 0.20 W/M sq degrees C to comply with current building regulations. Wall cavities to be closed to jambs & cills of openings with proprietary insulated cavity closer. Both leaves to be tied with triple galvanised butterfly pattern wall ties to B.S.1243 or to engineers details due to cavity width. Wall ties to be at every block course at jambs of openings D.P.C.'s to be incorporated at all cavity closer's in external walls. Cavities to be closed at top with 6mm high impact board by Panelcrete Ltd or equivalent.
Cavity insulation to be carried across face of steel work to prevent cold bridging. Cavity tray to run around full perimeter of building with proprietary weep holes inserted every 4th perp end. All as detailed on section drawing.
Dpc to be min 150mm above finished ground level and to be jointed with gas membrane under structural slab..

Tanking system
tanking system to be designed and installed by specialist sub–contractor and to be provided with a min 10 years guarantee.

DOORS AND WINDOWS
Powder coated aluminum (RAL 7037), with double glazed units throughout using toughened glazing throughout (toughened neural low E outer pane and toughened safety glass internal). Glass thickness to be confirmed by manufacturer to windows Powder coated aluminum automatic sliding door unit to customer entrance to be wired to alarm to fail opening in the event the alarm is activated. Colour to match windows.
Exit and goods doors to be metal security type. Colour to match windows. with spy holes fitted central and 1500mm above ffl

All glazing within critical areas, defined by Part N1 of the Approved Documents, to be safety glass.

Manifestations to be applied as part of the shop fitout works to comply with current building regulations.

Internal ATM walls to be 150mm thick 7Kn fair faced blockwork block work with expamet joint reinforcement to each horizontal course. Wall to be carried up Min 2.7m and fire stopped. Paint finish direct to blockwork.
Walls to be built off foundations to engineers detail and specification, dpc in walls to be lapped and jointed with dpm in floor.
Blockwork to terminate directly below 25mm ply decking over ceiling

ATM:–
Ceiling to ATM room to be installed min 2.4m from ffl
220x47mm C16 joists built into blockwork either sides with 25mm ply deck screw fixed over. Soffit to be constructed as follows:– 19mm ply to be screwed to underside of joist. Expanded metal type 3396 secured to the underside of the ply and supported around the periphery with 50x50x5mm mild steel angle frame bolted to wall at max 600mm c/c. Second skin of plywood to be screwed through first skin. All joints to be sealed.
New security metal door and frame to be provided and fitted by ATM provider.

Meter Cupboard Housing
100mm fair faced blockwork built off concrete floor slab or to engineers details and specification min 2.4m high. PCC lintel over door opening.
1hr fire door to be installed painted Gloss white.
Ceiling 100x50mm joists at 400mm c/c. 2 layers 15mm fireline board to underside to provide 1hr complementation, 25mm ply over screw fixed to joists. 150x25mm fascia all round.
Incoming pit in floor to be constructed to suppliers details min 400x600 with a min depth of 450mm subject to ground conditions and confirmation from supplier, slab to be thickened around pit to engineers details and specification.

Lintels
To engineers details and specification.
R.C. lintels over drains passing under walls:–

Plumbing
Powder coated "Highline" gutter system to rear by Kingspan to be installed to manufacturers details and specification. Gutters to discharging into 100mm metal.
R.W.P.'s into new gullies to rear. All gullies to be roddable.
Position of RWP and gullies to engineers details and specification.

Foul drainage
Contractor to install full stack system but no branches Unless stated different on dimension plan. Contractor to provide Marley collar boss for connection by others full SVP and vents as shown on dim plan. Durgo and stacks by contractor. Rodding access to be provided at base of all stacks above collar boss.

Blue Protector Line Polyethylene 38mm raising water main inside staff room
Ensure boxings for concealed services are sealed at floor & ceiling levels and pipes sealed around where penetrating into hollow construction voids.

NOTE:–
ALL INTERNAL WALLS UNLESS SHOWN ON DIM PLAN AND FITTINGS TO BE INSTALLED AS PART OF THE SHOP FIT OUT CONTRACT.

Contractor to allow for the formation of 6 number openings through external walls with lintels and cavity trays over for the future M&E installation. Allow for each opening to be min 600x600mm. Actual size and location to be provided by client during construction. Contractor must provide critical dates for this information with their tender.

CONTRACTOR TO ARRANGE AIR TEST ON COMPLETION OF SHELL TO COMPLY WITH CURRENT BUILDING REGULATION REQUIREMENTS .

AIR PERMEABILITY SEALING
All Panels at roof abutments to be sealed with Metal formed strip sealed and adhered with butyl mastic in accordance with Kingspan installation & technical instructions.
Seal around all window and door penetrations with flexible mastic sealant using trimming profiles where necessary.
Wall panel joint onto external brickwork to be sealed at junction to underside of drip profile and top of brick abutment using a bed of mastic sealant. Ensure brick top edge is clean and free from dust and a good bond is achieved onto the brickwork.
Metal flashing to be installed internally between roof and wall face using Butyl gaskets secured to manufacturers details to provide air seal. Flashing to be installed around full perimeter.

Night hatch to be installed through window location to be confirmed by store design. Top if hatch to be fixed 920mm above ffl

Roller shutters to be installed over shop windows and customer entrance doors. Solid slats unless stated different on elevation drawing by specialist sub contractor colour Ral 7037. Contractor to provide 10 fobs per shutter. Roller shutters to be installed and designed by specialist sub contractor to meet ALL current legislation and codes of practice complete with safety stops. Lifting eyes to be installed to all roller shutters facing down and winding handles to be provided.

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CLIENT	James Hall & Co Ltd
PROJECT NAME	Hensingham, Whitehaven
DRAWING NAME	Proposed Dim Plan Main Contractor
SCALE	1:50 & 1:10 @A0
DRAWN BY	JMW
DATE	Jan 2019
JOB NUMBER	2019–213
DWG No	BR–001
REV No	C12