

## N10 – FIXTURES/FITTINGS/EQUIPMENT

IRAL-NH[N10]0001

Rev	Summary of Changes	Author	Date	Check	Status
E00	First draft	AS	10.03.08		Draft
E01	Second draft	JB	03.04.08		Draft
F00	Tender issue	JB	16.07.08		Stage F
K00	Stage K issue Clauses 180, 300 added	AC/CR	19.01.08	AS	Stage K
K01	Deleted: 232, Added: 511, 512 & Blind Type 06 Changes Noted in Red: 510, 520, 585 In abeyances added.	TM	02.03.08	AS	Stage K
K02	Added clauses 010, 020, 128, 170, 245, 429, 485, 531, 600, 610, 620, 650, 651, 652 Deleted clauses 120, 121, 126, 367, 368, 511, 535, 585 Revised clauses 110, 122, 125, 127, 128, 135, 180, 193, 220, 221, 230, 231, 234, 360, 361, 362, 363, 365, 366, 470, 480, 490, 500, 510, 512, 515, 530, 540, 560, 570, 580, 590	CR/TM	19.05.09	AS	Stage K
<b>K03</b>	<b>Added clause 301 Revised clause 170, 193, 194, 260, 300, 485, 490, 495, 560, 710, 720</b>	<b>AC,CR TM</b>	<b>23.06.09</b>	<b>AS</b>	<b>Stage K</b>

## N10 GENERAL FIXTURES/ FURNISHINGS/ EQUIPMENT

To be read with Preliminaries/ General Conditions.

- 010 All dimensions for fitted furniture in the Specification and on the Drawings are to be confirmed on site by the contractor and/or fabricator. Any discrepancies and suggested amended dimensions are to be submitted to the CA for approval before fabrication.
- 020 Fittings, accessories and sundries specified should be considered a minimum quality benchmark. The Contractor is to confirm that these items are functionally suitable for the sizes and weights of the items that they are associated with. Any Contractor alternatives which are of equal or superior quality / functionality are to be submitted to the CA for approval before fabrication.

## PRODUCTS

- 110 *PURPOSE MADE FURNITURE - AUXILIARY STAFF ROOM – IN ABEYANCE*
- *Description: Built in furniture including sink area, wardrobe and desk area.*
  - *Drawing Reference: IRAL-2604, IRAL-2610, IRAL-5600 for location of fittings.*
  - *Location: Basement, room B15: Auxiliary Staff Room*
  - *Dimensions: according to drawings.*
  - *Panels / Shelves / Doors / Splashback:*
    - *Material: Medite Ecologique, MDF with zero added formaldehyde.*
    - *Distributor:*  
*Medite Europe*  
*Persimmon House*  
*Anchor Boulevard*  
*Crossways Business Park*  
*Kent DA2 6QH*  
*Tel: + 44 (0) 1322 424900*  
*Fax: + 44 (0) 1322 424920*
  - *Paint: as clause M60 / 140*
  - *Colour: 001 as clause M60/100*
  - *Thickness:*
    - *Side, rear and soffit panels/Carcassing:*  
*Facing: 18mm or to contractor's recommendation to CA approval.*  
*Backing: 12mm or to contractor's recommendation to CA approval.*
    - *Doors:*  
*15mm or to contractors recommendation to CA approval.*
    - *Sink Panel/False Panels:*  
*As doors.*
  - *Fascia:*
    - *to contractors recommendation to CA approval (12mm minimum)*
    - *Finish: Spray painted as M60/145; Colour 001 (White) as M60/100*
  - *Shelves: Adjustable (unfixed)*
    - *Number: As shown on drawings*
    - *Material: MDF as Clause*
    - *Thickness: 15mm or to contractor's recommendation to CA approval.*
    - *Finish: Spray painted as M60/145; Colour 001 (White) as M60/100*
  - *Construction/Joining: According to drawings or contractors recommendation to CA approval.*
  - *Worktop:*
    - *Material: Oak*
    - *Finish: Water resistant*
  - *Lighting incorporated:*
    - *Location: to be installed under top unit as per drawings.*
    - *Linear Fluorescent batten luminaire – Type as per drawings.*

- *Product No: Refer to Luminaire Schedule: IRAL-NHV90-0001*
- *Distributor: Refer to Luminaire Schedule: IRAL-NHV90-0001*
- *Handles: Surface fixed.*  
*Refer to section N10 / 122*
- *Ironmongery:*  
*Hinges, stops, magnets, rail wardrobe*
  - *Material: stainless steel*
  - Supplier:*  
*Häfele London as N10/650.*
- *Stainless steel sink: refer to clause N13 / 331*
- *Tap: as N13/331*
- *Waste Disposal Unit: as N13/331*
- *Refrigerator/Freezer: as clause 366*  
*Other Requirements:*
  - *Integrated into low level cabinets*
  - *Vent requirements to be incorporated in skirting*
  - *Handed as per drawings.*
- *Washing machine / Dryer: as clause 362*  
*Other Requirements:*
  - *Integrated into low level cabinets*
  - *To include door panel*
  - *Handed as per drawings.*
- *Joinery workmanship: As section Z10.*
- *Metalwork materials and workmanship: As section Z11.*
- *Other requirements:*
  - *Incorporation of metal skirting as clause P20/130*
  - *Incorporation of services to sink.*
  - *Incorporation of electrics for built-in equipment.*
  - *Include support in lightweight partitions as required.*

**122 HANDLES – CABINET PULL, SMALL**

Description: handles to fitted furniture

Material: stainless steel

Finish: shot peened

Manufacturer:

ize

Riverbank House

1 Putney Bridge Approach

London

SW6 3JD

Tel: 020 7384 3302

Fax: 020 7384 3264

E-mail: sales@ize.info

Web: www.ize.info

Model: Ian Ritchie Architects Ltd cabinet pull 120mm

To be supplied by Employer (free issue), Installed by Contractor.

**125 HANDLES – FLUSH PULL, LARGE**

Description: handles to fitted furniture, sliding doors.

Material: stainless steel.

Finish: shot peened.

Manufacturer:

ize

Riverbank House

1 Putney Bridge Approach

London

SW6 3JD

Tel: 020 7384 3302

Fax: 020 7384 3264

E-mail: sales@ize.info

Web: www.ize.info

Model: Ian Ritchie Architects Ltd flush pull 120

To be supplied by Employer (free issue), Installed by Contractor.

**127 HANDLES –D HANDLE**

Description: handles to fitted furniture

Location: Butlers Pantry Room 109

Material: stainless steel, approx. 300mm length

Manufacturer: Allgood D Line or equivalent

297 Euston Road

London, NW1 3AQ

Tel: 0207 387 9951

Fax: 0207 380 1232

Email: info@allgood.co.uk

- Model: 83812S32

- Finish: Satin Stainless Steel (SS)

**128 HANDLES – FLUSH SLIDING PULLS**

Description: handles to fitted furniture

Location: Butlers Pantry Room 109

Material: stainless steel

Manufacturer: Allgood D Line or equivalent

297 Euston Road

London, NW1 3AQ

Tel: 0207 387 9951

Fax: 0207 380 1232

Email: info@allgood.co.uk

- Model: 83950S10 or equivalent

- Finish: Satin Stainless Steel (SS)

**135 PURPOSE MADE STORAGE UNIT RECEPTION – IN ABEYANCE**

- *Description: Storage unit supporting reception desk, including location for in-house mail distribution.*
- *Drawing Reference: IRAL-2633, IRAL-5600 for location of fittings.*
- *Location: Ground floor, room G05: Reception*
- *Dimensions: according to drawings.*
- *Material: Stainless steel surface on MDF on all visible surfaces on the outside, white spray-painted MDF on the inside.*
- *Material Shelves: white spray-painted MDF*
- *Paint: as clause M60 / 140*
- *Finish stainless steel: shot peened grade A08 as section Z35*
- *Handles: tbc*
- *Ironmongery: Ironmongery:*  
*Sliding door mechanisms for doors, adjustable shelf system*
  - *Material: stainless steel*
  - *Supplier:*  
*Häfele London as N10/650.*
- *Other requirements:*
  - *Incorporation of slot and basket for mail*
  - *Incorporation of stainless steel rails / handles on the top surface*
  - *Incorporation of electrical and ICT services including disabled toilet and refuge alarms.*

**165 MOBILE SHELVING UNITS**

- Description: Manually Operated Mobile Shelving Units
- Locations: Archive
- Drawing Reference: IRAL-0410. IRAL-5600 for location of fittings.

- Dimensions: according to drawings.  
Survey to be completed prior to manufacture of units.
  - Submit proposals.
  - Product reference: Kardex System R Mobile Shelving or equivalent
    - Shelving Units: Maximize Linear Length, Colour: White
    - Maximum Height: To be confirmed, Shelving Units to not conflict with lighting.
    - Front Ramp and False Floor Infill to fit.
    - Tracks as required.
    - To integrate static shelving as N10/166
  - Manufacturer:
    - Kardex Systems UK  
Kestrel House  
Falcony Court  
Bakers Lane  
EPPING  
CM16 5LL  
T: +07977 288 929  
E: richard.coleman@kardex.co.uk
  - Other requirements:
    - Shelving Units to Accommodate A4 Lever Arch Files and Box Files or varying dimensions.
- 166 **FIXED SHELVING UNIT**
- Description: Fixed Unit to N10/165
  - Locations: Archive
  - Drawing Reference: IRAL-0410
  - Dimensions: according to drawings. Survey to be completed prior to manufacture of units.
  - Product reference: Kardex System R Static Shelving or equivalent
    - Shelving Units: as clause N10/165.
  - Manufacturer: as clause N10/165.
- 170 **REMOVABLE SCREEN AT COPIER—IN ABEYANCE**
- **Description: Removable top frame and pivoting door panels.**
  - **Location: room 306**
  - **Drawing Reference: IRAL-1620, IRAL-1623, IRAL-1624**
  - **Top Frame:**
    - **Dimensions: nominal 200mm high x 100mm wide x 1325mm long.**  
**Refer to Drawings.**  
**Survey to be completed prior to manufacture.**
    - **Material: MDF as N10/600.**  
**2mm radius to all exposed edges prior to painting.**
    - **Paint: as clause M60/140**
    - **Frame fixed to Stainless steel angle brackets which are fixed to partition structure.**  
**Brackets are not to be visible in final configuration.**  
**Frame can be removed by removing doors and unscrewing connection to brackets.**
  - **Pivoting door panels:**
    - **Dimensions: each panel nominal 1100mm high x 800mm wide x 45mm thick.**  
**Refer to Drawings.**  
**Survey to be completed prior to manufacture.**
    - **Material: MDF as N10/600.**  
**2mm radius to all exposed edges prior to painting.**
    - **Door panels to be rebated at meeting stiles.**
    - **Hinges: double-action floor mounted pivot hinges Hafele 932.87.040.**
    - **Locking bolts: 2 no. morticed budget locks, one per door: Hafele 230.16.910 with strike plates 230.16.940 fixed to removable top frame.**

- 180 PRINTED FABRIC WRAPPED ACOUSTIC PANEL
- Description: Wall mounted framed acoustic absorbing panel with printed cloth facing.
  - Locations: room B12: Enclosed Courtyard
  - Drawing Reference: IRAL-1020, 1021, 1023, 1024, 1026.
  - Dimensions: 1000mm high x 2800mm wide
  - Fixings: to be fixed to surfaces without visible fixings.
    - Z clips, size tbc, quantity and location to panel manufacturer recommendation acoustic panel to be removable for future replacement of fabric.
  - Fabric Wrapped Panel:
    - Material: Fibreline high impact designer panels
    - Thickness: 28mm
    - Panel Edges: Square cut
    - Finish / Fabric: tbc
    - Lifetime: 25 years
    - Manufacturer:
      - Hodgson and Hodgson Group Ltd
      - Crown Business Park
      - Old Dalby
      - Melton Mowbray
      - Leicestershire
      - LE14 3NQ
      - T: 01664 821810
      - F: 01664 821820
  - Frame: purpose made stainless steel frame.
    - Description: tbc
- 193 WHITEBOARDS – WALL MOUNTED
- Description: White boards to meeting room and offices.
  - Locations: room 210: open office
  - Drawing Reference: IRAL-~~1565~~**1561**, **IRAL-1564**, IRAL-1566, IRAL-2661, IRAL-5600 for locations of fittings
  - Dimensions: according to drawings.
  - Fixings: to be fixed to surfaces without visible fixings.
  - Enamel sheet to be fabricated as a tray with 15mm returns.**
  - Enamel sheet laminated to 12mm mdf board.**
  - Frame fabricated from stainless steel angles.**
  - Frame screw fixed to mdf backing board.**
  - Assembly is hung from wall on min. 4 no. stainless steel split battens.**
  - Grooves to accept split battens routed into the mdf backing board at batten locations only to prevent horizontal movement.**
  - Material: Vitreous enamel, magnetic
  - Finish: semi-matt surface, ~~magnetic~~
  - **Colour: White, B147C (RAL 9016)**
  - Lifetime: 25 years
  - Frame: purpose made **fabricated** stainless steel frame **to Z11/200 shot peened to Z35/152. Minimum material thickness 3mm.**
  - **Board** Distributor:
    - TRICO V.E. LTD
    - Castlefields Mill,
    - Crossflatts
    - BINGLEY
    - West Yorkshire
    - BD16 2AB
    - T: +44 (0)1274 510101
    - F: +44 (0)1274 510105
    - E: info@trico-ve.co.uk
    - W: www.trico-ve.co.uk

- 194 WHITEBOARDS INCORPORATED INTO PURPOSE BUILT FURNITURE — ~~IN ABEYANCE~~
- Description: White boards to meeting room fitted furniture unit.
  - Locations: Room 207: Meeting Room
  - Drawing Reference: IRAL-2662, IRAL-2671 IRAL-5600 for locations of fittings
  - Dimensions: according to drawings.
  - Fixings: to be fixed to surfaces without visible fixings.
  - Material: as clause N10/193
  - Finish: as clause N10/193
  - Lifetime: as clause N10/193
  - Frame: white boards to be incorporated into and framed by built-in furniture.
  - Distributor:
    - as clause N10/193
- 220 LOCKERS - IN ABEYANCE
- Description: Lockers incorporating bench and mirror opposite to shower rooms in the basement.
  - Location: Basement, room B05: locker
  - Drawing Reference: IRAL-2601, IRAL-5600 for location of fittings
  - Dimensions: according to drawings.
  - Material: MDF as N10/600
  - Paint: as clause M60 / 145
  - Colour: 001 as clause M60/100
  - Wire Baskets:
    - Material: stainless steel
    - Sliding tracks similar to drawers
    - Supplier:
      - Häfele London as N10/650.
  - Bench: As N10/221
  - Mirror:
    - According to clause N13 / 438
  - Ironmongery:
    - Hinges, stops, magnets, rail for wardrobe, rails / hooks inside of lockers / locks and keys
    - Material: stainless steel
    - Supplier:
      - Häfele London as N10/650.
  - Handles: Integrated pulls
  - Other requirements:
- 221 BENCH – IN ABEYANCE
- Description: fixed bench unit
  - Location: B04 WC/Shower, B05 Locker, B07 WC/Shower, G11 WC/Shower
  - Drawing Reference: IRAL-1130, 1133, 1340, 1347, 1348
  - Material: Oak
  - Finish: Water resistant
  - Support: tbc
  - Interfaces: Adjacent partitions
    - Lockers N10/220
- 230 MISCELLANEOUS FURNITURE – ADJUSTABLE WALL MOUNTED SHELVING – IN ABEYANCE
- Description: Adjustable wall fixed shelving system with purpose made painted mdf shelves.
  - Location: Basement, room B08: archive and first floor, room 110 store
  - Drawing Reference: IRAL-2603, IRAL-5600 for locations of fittings
  - Shelves:
    - Material: white-painted MDF, as M60/140, Colour: 001 as M60/100
    - Length: as drawings, measure on site
    - Number/depth (mm)
      - Room B08: 5 no at 300mm depth

- Room 110: 7 no. at 450mm depth
- Wall fixings, adjustable, stainless steel
- Supplier:  
Häfele London as N10/650.
- Number / Length(mm)
  - Room B08: 2 no. at 2000mm length
  - Room 110: 2 no. at 2800mm length
- Brackets: stainless steel, heavy duty
- Number:
  - Room B08: 13 total at 250mm depth (includes 3 no. spare)
  - Room 110: 18 no. total at 400mm depth (includes 4 no. spare)

**231 PURPOSE MADE FIXED WALL MOUNTED SHELVES**

- Description: Purpose made wall mounted MDF shelves
- Location: Rooms B08, B15, 306, 307, 308, 309.
- Drawing Reference: IRAL-1120, 1122, 1150, 1152, 1620, 1621, 1623, 1624, 1640, 1642, 1650, 1651, 1660, 1661
- Dimensions: as per drawings. 50mm overall shelf thickness
- Material: MDF as N10/600 with softwood bracing / spacers glued to inside cavity.
- Paint: as clause M60 / 145
- Colour: 001 as clause M60/100
- Support: 25mm x 25mm planed softwood battens with exposed portions painted as adjacent wall.
- Supports to be fixed to wall structure at three sides of alcove through plasterboard and plaster finishes.
- Shelf units to slide onto support battens from the front. Countersunk screws from underneath to secure the shelf to the rear batten.
- Shelf units to be manufactured to fit within the alcove with 5mm max. gap.

**233 WIRE SHELVING SYSTEM – IN ABEYANCE**

- Description: Heavy duty adjustable shelving system with epoxy coated wire ventilated shelving
- Location: B05 Locker Room
- Drawing Reference: IRAL-1130
- Material:

**234 PURPOSE MADE FIXED WALL MOUNTED WORKTOP UNIT**

- Description: Purpose made wall mounted painted MDF worktop unit
- Location: B08 Archive
- Drawing Reference: IRAL-1120
- Generally as N10/231

**240 INTERNAL ROLLER BLINDS**

- **TYPE 01 – NOT USED**
- Description: Face fixed roller blind to basement hopper windows
- Location: New basement level windows
- Drawing reference(s): GA Plans and Elevations  
IRAL-2310, IRAL-2320  
Window Schedule IRA-NH[L10]1001
- Manufacturer blinds: Creation Baumann  
Weaver and Dyers Ltd  
CH 4901 Langenthal  
Switzerland  
Tel: 0041 62 919 62 69  
[www.creationbaumann.ch](http://www.creationbaumann.ch)
- Product reference: Rolltrac side-winder



- ~~— Type: Manual roller blind~~
- ~~— Material: Anodized aluminium~~
- ~~— Finish/colour: White~~
- ~~— Manufacturer fabric: Creation Baumann~~
- ~~— Fabric type: Glare reducing: Shadow R, col:7182~~
- ~~— Installer: LE interiors or similar approved~~
- ~~— The Lansdowne Building~~
- ~~— 2 Lansdowne Road~~
- ~~— Croydon CR9 2ER~~
- ~~— Tel: 020 8263 2350~~
- ~~— Other requirements: Nickel plated metal chain~~
- ~~— Anodised aluminium bar without company logo~~

- TYPE 02
- Description: Face fixed roller blind with guide rails to basement auxiliary staff room window W-B18-N and door ED-B15-1.
- Location: New basement level window and door, room B15
- Drawing reference(s) GA Plans and Elevations  
IRAL-2310, IRAL-2412, IRAL-2400, IRAL-2401, IRAL-2324  
Window Schedule IRA-NH[L10]1001
- Manufacturer blinds: Creation Baumann
  - Product reference: Rolltrac side winder with cable guides
  - Material: Anodized aluminium
  - Finish/colour: RAL 9016 colour
- Manufacturer fabric: Creation Baumann
  - Fabric type: Glare reducing: Shadow R, col:7182
- Installer: LE interiors or similar approved
- Other requirements: Nickel plated metal chain  
Anodised aluminium bar without company logo  
Purpose made brackets to incorporate blinds within window frame
- TYPE 03
- Description: Single top fixed roller blind
- Location: Refer to **Schedule IRAL-NH[L10]1001**~~location drawings~~
- Drawing reference(s) GA Plans and Elevations  
IRAL-2310, IRAL-2321, IRAL-2322, IRAL-2323, IRAL-2324  
Window Schedule IRAL-NH[L10]1001
- Manufacturer blinds: Creation Baumann
  - Product reference: Rolltrac side winder
  - Material: Anodized aluminium
  - Finish/colour: RAL 9016 colour
- Manufacturer fabric: Creation Baumann
  - Fabric type: Glare reducing: Shadow R, col:7182
- Installer: LE interiors or similar approved
- Other requirements: Nickel plated metal chain  
Anodised aluminium bar without company logo  
Incorporated within blind pocket
- TYPE 04
- Description: Two top fixed roller blinds.
- Location: Refer to ~~location drawings~~**Schedule IRAL-NH[L10]1001**
- Drawing reference(s) GA Plans and Elevations  
IRAL-231X series, IRAL-2322, IRAL-2323  
Window Schedule IRA-NH[L10]1001
- Manufacturer blind: Creation Baumann
  - Product reference: Rolltrac side winder
  - Material: Anodized aluminium

- Finish/colour: White
- Manufacturer fabric: Creation Baumann
- Fabric type: Glare reducing: Shadow R, col:7182  
Light dimming: Dimflex R, Col:7103
- Installer: LE interiors or similar approved
- Other requirements: Nickel plated metal chain  
Anodised aluminium bar without company logo  
Incorporated within blind pocket
  
- TYPE 05
- Description: Face fixed roller blind to third floor windows
- Location: Refer to **Schedule IRAL-NH[L10]1001** location drawings
- Drawing reference(s): GA Plans and Elevations  
IRAL-233X series, IRAL-2315. IRAL-2324  
Window Schedule IRA-NH[L10]1001
- Manufacturer blinds: Creation Baumann
- Product reference: Rolltrac side winder
- Manufacturer fabric: Creation Baumann
- Fabric type: Glare reducing: Shadow R, col:7182
- Installer: LE interiors or similar approved
- Other requirements: Nickel plated metal chain  
Anodised aluminium bar without company logo Nickel plated metal chain
  
- TYPE 06
- Description: Single side-fixed roller blind
- Location: Refer to **Schedule IRAL-NH[L10]1001** location drawings
- Drawing reference(s): GA Plans and Elevations  
IRAL-2310, IRAL-2321. IRAL-2322, IRAL-2323, IRAL-2324  
Window Schedule IRA-NH[L10]1001
- Manufacturer blinds: Creation Baumann
- Product reference: Rolltrac side winder
- Material: Anodized aluminium
- Finish/colour: RAL 9016 colour
- Manufacturer fabric: Creation Baumann
- Fabric type: Glare reducing: Shadow R, col:7182
- Installer: LE interiors or similar approved
- Other requirements: Nickel plated metal chain  
Anodised aluminium bar without company logo  
Incorporated within blind pocket

**245 LADDER**

- Description: Heavy duty foldable timber platform steps and wall mounted bracket for storage.
- Location: 109 Butlers Pantry
- Drawing Reference: IRAL-1460, 1461
- Platform Steps: Class 1 Timber Platform Steps
  - Standards: manufactured to BS1129; Kitemarked.
  - Hinges: rust proof; bolted and screwed.
  - Nonslip treads
  - Product Reference: TPS06 (LSLGL-0056)
    - Material: Straight grained Douglas Fir/Hemlock
    - Finish: As standard
    - Height: 6 tread, open height 1.37m – tbc
- Bracket: Double Arm Double Strong Hanger
  - Product Reference: (LLARO-0525)
    - Material: Steel with foam padded arm and rubber end caps.
    - Finish: As standard

- Arm length: 150mm
  - Fixings: appropriate to substrate to manufacturers recommendation
  - Manufacturer/Supplier:
    - Ladderstore.com
    - The Old Bank
    - 116-118 Bradshaw Brow
    - Bolton
    - Lancashire
    - BL2 3DD
    - Tel: 01204 590 232
    - Fax: 01204 590 233
    - Email: sales@ladderstore.com
- 300 ENTRANCE MATTING TO MAIN ENTRANCE**
- Description: Rubber Crumb Backed Polypropylene Synthetic Brush Entrance Matting
  - Location: Enrty Hall G06
  - Drawing reference: IRAL-04/2440
  - Manufacturer: Jaymart, Woodlands Trading Est. **or equivalent approved.**  
Eden Vale Road, Westbury  
Wiltshire BA13 5QS  
Tel: 01373 864926  
Fax: 013730858454
  - Product reference: Jaymart Ingenius 2004 **or equivalent approved.**
  - Colour: Slate
  - Size: To fit matwell
- 301 ENTRANCE MATTING TO ROOM B15**
- Description: Rubber Crumb Backed Polypropylene Synthetic Brush Entrance Matting
  - Location: Basement B15
  - Drawing reference: IRAL-03/2441
  - Manufacturer: Jaymart, Woodlands Trading Est. **or equivalent approved.**  
Eden Vale Road, Westbury  
Wiltshire BA13 5QS  
Tel: 01373 864926  
Fax: 013730858454
  - Product reference: Jaymart Ingenius 2004 **or equivalent approved.**
  - Colour: Slate
  - Size: To fit matwell
- 360 WASHING MACHINE**
- Description: Freestanding washing machine.
  - Location: B06
  - Drawing Reference: IRAL-1130, 1132
  - Product: Freestanding Washing Machine
    - Product reference: Bosch WAE 32464 GB White
  - Manufacturer
    - Bosch
    - Grand Union House
    - Old Wolverton Road
    - Milton Keynes
    - MK12 5PT
    - Tel: 08702 413 383
    - E-mail: info@neff.co.uk
    - Web: www.boschappliances.co.uk
  - Other Requirements: Provide for electrical connections as required by manufacturer, electrical engineer and as noted on drawings.

- Interfaces: Dryer and Stacking Unit as Clause 361
- 361 DRYER
- Description: Condenser Dryer with stacking unit for use with freestanding washing machine.
  - Location: B06
  - Drawing Reference: IRAL-1130, 1132
  - Product: Freestanding Condenser Dryer
    - Product reference: Bosch WTE 84307 GB White
  - Product: Stacking Unit with pull out shelf
    - Product reference: Bosch WTZ 11300
  - Manufacturer
    - Bosch
    - Grand Union House
    - Old Wolverton Road
    - Milton Keynes
    - MK12 5PT
    - Tel: 08702 413 383
    - E-mail: info@neff.co.uk
    - Web: www.boschappliances.co.uk
  - Other Requirements:
    - Condensing Drainage Kit: To manufacturers recommendation.
    - Hanging: As shown on drawings.
    - Electrical: As required by manufacturer and as otherwise noted.
  - Interfaces: Washing machine as Clause 360
- 362 INTEGRATED WASHER/DRYER
- Description: Combined domestic washing machine / clothes dryer integrated into purpose made fitted storage unit.
  - Location: B15
  - Drawing Reference: IRAL-1150
  - Product: Built-under automatic combined washer dryer
    - Product reference: Bosch WVTi 2842 GB
  - Manufacturer
    - Bosch
    - Grand Union House
    - Old Wolverton Road
    - Milton Keynes
    - MK12 5PT
    - Tel: 08702 413 383
    - E-mail: info@neff.co.uk
    - Web: www.boschappliances.co.uk
- Interfaces: Fitted furniture as N10/110
- 363 DISHWASHER
- Description: Commercial undercounter dishwasher
  - Location: 109
  - Drawing Reference: IRAL-1460, 1461
  - Product:
    - Product reference: FXPS-70
    - Product description: Dishwasher with an inbuilt Softener; One plate rack, one cup rack and one cutlery basket.
  - Manufacturer:
    - Hobart UK
    - 51 The Bourne
    - Southgate
    - London, N14 6RT
    - Fax: 020 8886 0450

- Web: [www.hobartuk.com](http://www.hobartuk.com)
  - Interfaces: Stainless steel catering furniture: N10/495
  - Other Requirements:
    - Electrical: Configure to 2.9kW 230/50/1 (1.36) [fuse at 1x13A]
    - Acoustic Mounting: Set on neoprene matting with no rigid connections
    - Services: Provide other services connections as required.
- 365 REFRIGERATOR
- Description: Integrated Undercounter Refrigerator
  - Location: G02, 109 (2 no), 209, 305
  - Drawing Reference: IRAL-1460, 1461
  - Product: Built-under fridge
    - Product reference: Bosch KUR 15A40 GB
    - Manufacturer:
      - Bosch
      - Grand Union House
      - Old Wolverton Road
      - Milton Keynes
      - MK12 5PT
      - Tel: 08702 413 383
      - E-mail: [info@neff.co.uk](mailto:info@neff.co.uk)
      - Web: [www.boschappliances.co.uk](http://www.boschappliances.co.uk)
  - Other requirements:
    - Integrated with door panel and cladding as N10/490 and N10/495
    - Stainless steel grilles integrated into skirting board as N10/490 and N10/495
    - Handing: As shown on drawings.
    - Services: Provide services connections as required.
  - Interfaces:
    - Stainless steel catering furniture: N10/495
    - Purpose Made Teapoint: N10/490
- 366 REFRIGERATOR – FREEZER
- Description: Integrated Undercounter Refrigerator with freezer compartment
  - Location: B15
  - Drawing Reference: IRAL-1130, 1132
  - Product: Built-under fridge with 4-star freezer compartment
    - Product reference: Bosch KUL 15A40 GB
    - Manufacturer:
      - Bosch
      - Grand Union House
      - Old Wolverton Road
      - Milton Keynes
      - MK12 5PT
      - Tel: 08702 413 383
      - E-mail: [info@neff.co.uk](mailto:info@neff.co.uk)
      - Web: [www.boschappliances.co.uk](http://www.boschappliances.co.uk)
  - Other requirements:
    - Integrated with door panel and cladding as N10/110
    - Stainless steel grilles integrated into skirting board as N10/110
    - Handing: As shown on drawings.
    - Services: Provide services connections as required.
  - Interfaces: Fitted furniture as N10/110
- 470 PURPOSE MADE SERVICES ENCLOSURE CANTEEN
- Description: Enclosure to mechanical equipment in the area between the courtyard and the door towards North House with fabric faced acoustic panels.
  - Location: Basement Gayfere Street, room B50: canteen
  - Drawing Reference: IRAL-0410, IRAL-1200

- Dimensions: According to drawings.
- Material, colour, construction: to match the existing enclosure.
- Acoustic panels: to match existing
  - Reference: RPG High Impact Absorber Panels  
Flat edge, Supplied with hard edges, cut outs to accommodate handles
  - Fabric: Camira Lucia
  - Fabric Colour: Rum YB086 - tbc
  - Fixings: Rotafast - tbc
  - Manufacturer: Acoustics GRG Products Ltd  
Lower Wall Road  
West Hythe  
Kent  
CT21 4NN  
Tel: 01303230962  
Fax 01303 230961  
E: james@RPGEurope.com  
Previous Project Reference: Gayfere Street Canteen
- Ironmongery: To match existing
- Handles: to match existing
  - Reference: 80mm diameter flush pull, SS83900S07
  - Manufacturer: D-Line at Allgood  
297 Euston Road  
London, NW1 3AQ  
Tel: 0207 387 9951  
Fax: 0207 380 1232  
Email: info@allgood.co.uk
- Other requirements: Opening for door towards North House to be incorporated.  
Make good and touch up paint at existing services enclosure.

**480 PURPOSE MADE RECEPTION DESK – IN ABEYANCE**

- *Description: Storage unit supporting reception desk, including location for in-house mail distribution.*
- *Location: ground floor, room G05: reception*
- *Drawing Reference: IRAL-2633, IRAL-5600 for locations of fittings*
- *Dimensions: according to drawings.*
- *Material: Stainless steel surface on MDF on all visible surfaces on the outside, white spray-painted MDF on the inside of the drawers.*
- *Paint: as clause M60 / 140*
- *Finish stainless steel: shot peened grade A08 as section Z35*
- *Handles:*  
*Refer to section N10 / 120*
- *Ironmongery:*  
*Mechanism for drawers*
  - *Material: stainless steel*
  - *Supplier:*  
*Häfele London as N10/650.*
- *Front screen + top shelf:*
  - *Material: Colour infused resin panels.*
  - *Manufacturer: 3form*  
*www.3-form.com*
  - *Distributor:*  
*David Warner*  
*13 DArblay Street*  
*London AR, United Kingdom*  
*T: 0207 734 8103*  
*F: 0207 734 8464*  
*E: david.warner@futimis-systems.co.uk*
  - *Product/Colour: Chroma Midnight Infused*

- *Handles:*  
*Refer to section N10 / 120*
  - *Drawers ironmongery: stainless steel.*
  - *Ironmongery:*  
*Drawer mechanism*
    - *Material: stainless steel*
    - *Supplier:*  
*Häfele London as N10/650.*
  - *Frames, Legs, Shelf support:*
    - *Material: stainless steel.*
    - *Finish/ Colour: shot peened, grade AO8.*
  - *Trolley Unit*
    - *Below desk to accommodate printer/copier/scanner/fax (desk top model)*
    - *Purpose made to suite space.*
    - *White spray-painted MDF enclosure on castors.*
  - *Other requirements:*
    - *Incorporation of power supply / cabling.*
    - *Incorporation of data points / cabling.*
    - *Incorporation of panic alarm / cabling.*
    - *Incorporation of drawers below table surface.*
- 485 PURPOSE MADE WALL HUNG STORAGE UNITS
- Description: Wall hung high level storage cabinet units
  - Location: Ground floor, second floor and third floor, rooms G02, 209 and 306
  - Drawing Reference: IRAL-1460, 1461
  - Dimensions: according to drawings.
  - Carcassing:
    - Material: MDF **as N10/600**
    - Thickness:
      - Facing: 18mm or to contractor's recommendation to CA approval.
      - Backing: 12mm or to contractor's recommendation to CA approval.
    - Finish: Spray painted as M60/145; Colour 001 (White) as M60/100
  - Doors:
    - Material: MDF as N10/600
    - Thickness: 15mm or to contractors recommendation to CA approval.
    - Finish: Spray painted as M60/145; Colour 001 (White) as M60/100
  - Shelves: Adjustable (unfixed)
    - Number: As shown on drawings
    - Material: MDF as N10/600
    - Thickness: 15mm or to contractor's recommendation to CA approval.
    - Finish: Spray painted as M60/145; Colour 001 (White) as M60/100
  - Construction/Jointing: According to drawings or contractors recommendation to CA approval.
  - Handles:
    - Refer to section N10 / 120
  - Ironmongery:
    - Hinges, stops, magnets
    - Material: stainless steel
    - Supplier:
      - Hafele London as N10/650.
    - Other requirements:
      - Fixing to wall: Suitable for substrate, include pattresses/blocking/plywood support as required in lightweight construction.
- 490 TEAPOINTS — **IN ABEYANCE**
- Description: Tea-points to ground floor, second floor and third floor.
  - Location: ~~Ground floor, second floor and third floor, r~~Rooms G02, 209 and 306

- Drawing Reference: **IRAL-1300, 1303, IRAL-1520, 1523, 1524, IRAL-1620, 1621, 1622, 1620, IRAL-2632**, IRAL-5600 & IRAL-5601 for locations of fittings
- Dimensions: according to drawings.
- Worktop:
  - Material: Corian
  - Corian sink **with stainless steel base** integrated: **Mixa 813 R10 with overflow Sink, adapted to be 300250mm deep, seamless undermounted with overflow. 250mm depth is to be built-up by locally thickening the corian worktop at the sink using seamless jointing.**
  - Raised edge on all sides **of worktop.**
  - **Colour: Glacier White**
- Storage units:
  - Spray-painted MDF
  - Colour: white, 001 as clause M60/100
  - Paint: as clause M60 / 145
- Handles:
  - Refer to section N10 / 120
- Ironmongery **and accessories:**
  - Hinges, stops, magnets, drawer mechanism
  - **Handles:**
    - Small cabinet pulls as N10 / 122**
  - Hinges, stops, magnets, adjustable shelves system:**
  - **Hinges: 5 per full-height door: Hafele 95° 0 click-on sprung concealed hinges 322.11.530 with one soft-close clip 322.67.190 per door. Cover plates 322.67.191 and 323.68.300 to all hinges that do not have a soft-close clip.**
  - **Door buffers: Hafele drill-in inserts 356.19.940 at corners.**
  - **Fully rebated shelving support strips: Hafele U-section bookcase strips in satin nickel 283.00.630 with double support studs 283.01.630**
  - **Cabinet supports: Adjustable plinth feet Hafele top section 637.96.362 plus 120mm foot section 637.96.332 plus plinth clips 637.96.372.**
  - **Integrated waste / recycling bins: Hafele 502.70.240**
  - **Plate drying rack:**
    - Room 206: 600mm wide stainless steel: Hafele 546.06.016**
    - Room 302: 500mm wide stainless steel: Hafele 546.06.015**
  - Supplier:
    - Häfele London as N10/650.
- Splashback:
  - Spray-painted MDF incorporated into wall surface, flush to adjacent plaster finish.
  - Paint: as clause M60 / 145
  - Integration of power points
- Lighting:
  - to be installed under top unit.
  - Linear Fluorescent batten luminaire
  - Product No: PJR124PBW / BTWC
  - Distributor:
    - PJR Engineering Ltd
    - Bourne Works Collingbourne Ducis
    - Marlborough
    - Wilts, SN8 3EH
    - Tel: 01264 850763
    - Fax: 01264 850632
  - for teapoint on ground floor in room G02: additional battery pack for emergency lighting.
- Refrigerator: As Clause 365
- **Tap: N13/332**
- **Waste: N13/332**
- Other requirements:
  - incorporation of power points at counter level, additional concealed power-points as necessary for built in equipment



- Incorporation of drying rack on second and third floor
  - **Incorporation of luminaire type 08A-E and associated wiring.**
  - Bin for rubbish / recycling to be incorporated below sink ~~(437mm-350mm~~ o/a height max.)~~k~~
  - Incorporation of skirting.
- 495 *PURPOSE MADE CATERING FURNITURE BUTLER'S PANTRY – IN ABEYANCE*
- *Description: Built-in furniture in the butler's pantry to support the boardroom.*
  - *Location: First floor, room 109: butler's pantry*
  - *Drawing Reference: IRAL-~~1460, 2643, IRAL-2654~~, IRAL-5600 for locations of fittings*
  - *Storage units South wall:*
    - *stainless steel, **2.2 mm thickness or to CA approval, finish to CA approval.***
    - *Support frame: stainless steel.*
    - *Provide acoustic sound deadening to all units.*
    - *Fixings: stainless steel, non visible.*
  - *Handles:*
    - *Pull Handles as N10/127*
    - *Sliding handles as N10/128*
  - *Ironmongery:*
    - *Hinges, stops, magnets, drawer mechanism*
    - *Material: stainless steel*
    - *Supplier:*
      - *Häfele London as N10/650 or equivalent*
    - ***Drawer Runners: As N10/490 or approved equivalent***
    - ***Hinges: as N10/490 or approved equivalent***
    - ***Sliding Door tracks: To contractor choice to CA approval.***
  - *Splashback:*
    - *stainless steel.*
    - *incorporation of powerpoints*
  - *Worktop:*
    - *stainless steel, **2.2 mm thickness or to CA approval, finish to CA approval.***
    - *raised folded edge on all sides*
    - *stainless steel sink incorporated as N13/330*
    - ***Provide acoustic sound deadening to all units.***
  - *Lighting:*
    - *Linear Fluorescent batten luminaire*
    - *Product No: PJR124PBW / BTWC*
    - *Distributor:*
      - *PJR Engineering Ltd*
      - *Bourne Works Collingbourne Ducis*
      - *Marlborough*
      - *Wilts, SN8 3EH*
      - *Tel: 01264 850763*
      - *Fax: 01264 850632*
    - *to be installed under top unit.*
    - *stainless steel shade to conceal light fitting to be incorporated into top unit.*
  - *Refrigerator: As Clause 365*
    - *Number: As per drawings.*
  - *Dishwasher: As clause 363*
  - *Ladder: As Clause 245*
  - *Storage units North wall: Refer to clause N10/*
  - *Shelves North wall:*
    - *stainless steel, **2.2 mm thickness or to CA approval, finish to CA approval.***
    - ***Provide acoustic sound deadening to all units.***
  - *Wine storage:*
    - *to be incorporated into shelves North side*
  - *Cladding to micro lift:*
    - *as clause N10 / 510.*

- Other requirements:
  - Bins for rubbish and recycling to be incorporated below sink, **As N10/490 or approved equivalent-**
  - Incorporation of skirting
  
- 500 PURPOSE MADE METAL CLAD STORAGE UNIT MEETING ROOM 1 – IN ABEYANCE
  - Description: Built in furniture to meeting room ground floor.
  - Location: Ground floor, room G04: meeting.
  - Drawing Reference: IRAL-2621, IRAL-2631, IRAL-5600 for locations of fittings
  - Dimensions: according to drawings.
  - Storage unit:
    - Incorporated into central area of South wall
    - Existing stone features to be retained and completely enclosed
    - Material: MDF as N10/600
  - Paint: as clause M60 / 140
    - Central area to be used for projection – suitability of paint to be checked.
  - Handles:
    - Refer to section N10 / 120
  - Ironmongery:
    - Hinges, stops, magnets, drawer mechanism
    - Material: stainless steel
    - Supplier:
      - Häfele London as N10/650.
  - Provision of:
    - Shelves behind main door
    - drawers
    - rubbish and recycling bin with pull out mechanism
  - Services Enclosures
    - Panels to either side of the central area.
    - Panels to be removable for maintenance
    - Fixings of panels to be invisible
    - Wooden support framing
    - Space between framing components to be filled with acoustically absorbent material
    - Cladding of panel: tbc
    - Supplier:
  - Acoustic material: Fibreline High Impact panels, 28mm thickness, faced in Acoustic Tissue, Colour: Black
    - Manufacturer: Hodgson & Hodgson Group Limited  
Crown Business Park  
Old Dalby  
Melton Mowbray  
Leicestershire  
LE14 3NQ  
Tel: 01664 821810  
Fax: 01664 821820  
E-mail: info@hodgsongroup.co.uk
  - Sliding door:
    - Central panel to have the same appearance as panels for services enclosure.
    - Support frame made from stainless steel sections.
    - Space between framing components to be filled with acoustically absorbent material.
    - Flush with services panels, when closed.
    - Sliding door mechanism and rails to be invisible, when closed.
    - Central panel to be movable to one side.
    - Sliding door mechanism based on:
      - Manufacturer:
        - HAWA AG  
CH-8932 Mettmenstetten  
Switzerland

Tel: 0041 44 7979191

Fax: 0041 44 7679178

Web: [www.hawa.ch](http://www.hawa.ch)

- Type: HAWA-220 Planfront 70
- Two handles to be incorporated.
- Handles refer to clause N10 / 120.
- Other requirements:
  - Incorporation of skirting as clause P20/130
  - Incorporation of ventilation zone at the top

**510 PURPOSE MADE ENCLOSURE WARDROBE – IN ABEYANCE**

- Description: Enclosures including doors to wardrobe
- Location: Ground floor, rooms G14, G15: coat store
- Drawing Reference: IRAL-2625, IRAL-2630, IRAL-5600 for locations of fittings
- Dimensions: according to drawings.
- Subframe:
  - Material: Hardwood
  - Finish: Visible surfaces to be painted to M60/142
  - Fixings:
- Timber Blocking:
  - Material: Softwood
  - Finish: Visible surfaces to be painted to M60/142
  - Fixings:
- Visible internal framing:
  - Material: MDF as N10/600.
  - Finish: M60/140
  - Fixings:
- Carcassing:
  - Material: MDF as N10/600.
  - Finish: M60/140
  - Fixings:
- Door Panels:
  - Material: MDF as N10/600.
  - Finish: M60/140
  - Fixings: Concealed Z-Clips fixed horizontally to timber sub-frame
  - Ironmongery:
    - Room G14: TBC
    - Room G15: TBC
- Fixed Shelf:
  - Material: MDF as N10/600.
  - Finish: M60/140
  - Fixings: Concealed Z-Clips fixed horizontally to timber sub-frame
  - Shelf Supports:
  - No. of shelves:
- Fascia Panel:
  - Material: MDF as N10/600.
  - Finish: M60/140
  - Fixings: Countersunk screws with timber plugs finished as M60/
- Lighting:
  - Description: Linear Fluorescent batten luminaire
  - Luminaire Type: 08, Refer to Luminaire Schedule IRAL-NHV90-0001
  - Number Required: Per Drawings / Schedules
  - Location: to be installed under top unit inside the wardrobe.
  - Purpose Made Shade: stainless steel shade to conceal light fitting to be incorporated into top unit.
    - Material: 1.6mm pressed stainless steel
    - Finish: Shot peened as Z35/150.
    - Fixings: Stainless Steel Screws, concealed from view.

- Coat Rail:
    - Material: 35mm diameter Stainless steel tube
    - Finish: Shot Peened as Z35/150.
    - Fixings: Fixed at end, with top hung stainless steel support brackets
  - Other Requirements:
    - Incorporation of skirtings as Clause P20/120
  - Fitted Joinery Interfaces:
    - Purpose Made Lining Panel with Access Door [Room G14]: As Clause N10/511
  - Other Interfaces:
- 512 PURPOSE MADE MDF ACCESS DOOR
- Description: MDF access door to Microlift Entrance including head, jamb and cill plates.
  - Location: Basement, Room B11 at Microlift Landing Entrance
  - Drawing Reference: IRAL-2625, IRAL-2630, IRAL-5600 for locations of fittings
  - Dimensions: According to drawings
  - Access Door:
    - Material: MDF as N10/600.
    - Finish: M60 / 140
    - Fixings: Countersunk screws with timber plugs finished as M60/
    - Ironmongery: TBC
  - Head, Jamb and Cill Plates:
    - Material: MDF as N10/600.
    - Finish: M60 / 140
    - Fixings: Countersunk screws with timber plugs finished as M60 / 140
  - Fitted Joinery Interfaces: None
  - Other Interfaces:
    - Microlift as X11/020
- 515 PURPOSE MADE SHOWER ROOM UNIT
- Description: High level storage unit and hanging rail.
  - Location: Ground floor, rooms G11: WC/Shower
  - Drawing Reference: IRAL-1340, 1347, 1348, IRAL-5600 for locations of fittings
  - Dimensions: according to drawings.
  - Enclosures and doors:
    - Material: Moisture Resistant MDF as N10/610.
  - Paint: as clause M60 / 140
  - Doors to project 25mm below the underside of the unit to act as door pull surface.
  - Hinges: 2 per door: Hafele 95° 0 click-on sprung concealed hinges 322.11.530 with one soft-close clip 322.67.190 per door. Cover plates 322.67.191 and 323.68.300 to all hinges that do not have a soft-close clip.
  - Coat Rail: 25mm diameter Stainless steel tube SDS London Code 14965 or equivalent approved, fixed at ends with stainless steel rod sockets SDS London Code 14310 or equivalent approved.
  - Distributor:
    - SDS [London] Ltd. or equivalent approved.
    - 183-189 Northcote Road
    - Battersea, London SW11 6QF
    - Tel: + 44 (0) 20 7228 1185
    - Fax: + 44 (0) 20 7738 2342
  - Bench:
    - To fill alcove. Refer N10/221
- 520 MICRO LIFT – SEE IRAL-NHX11-0001
- 530 PURPOSE MADE SERVICES ENCLOSURES, FIRE RATED - IN ABEYANCE
- Description: Fire rated enclosures including doors to services.

- Locations: rooms 102, 104, 203, 303.
  - Drawing Reference: IRAL-2603, IRAL-2622, IRAL 2643, IRAL-2683, IRAL-2684, IRAL-2685, IRAL-5600 and IRAL-5601 for locations of fittings
  - Dimensions: as per drawings.
  - Enclosures and doors:
    - Material:
  - Paint: as clause M60 / 140
  - Handles:
    - Refer to section N10 / 120
  - Other requirements: Enclosures and doors:
    - Incorporation of locks operable with allen key
    - Incorporation of skirtings: 2<sup>nd</sup> and 3<sup>rd</sup> Floor units as clause P20/130, First Floor units as clause P20/120.
- Existing timber frames at Room 102 to be incorporated.

#### 531 PURPOSE MADE SERVICES ENCLOSURES

- Description: Enclosures including doors to services enclosures
- Locations: rooms G05, G10c, G14, G15, 109, 309, 310, 311.
- Drawing Reference: IRAL-1660, 1661, 1670, 1671, 1680, 1681, IRAL-5600 and IRAL-5601 for locations of fittings
- Dimensions: as per drawings.
- Enclosures and doors:
  - Material: MDF as N10/600
- Paint: as clause M60 / 140
- Handles: Refer to section N10 / 120.
- Hinges: 5 per full-height door: Hafele 95° 0 click-on sprung concealed hinges 322.11.530 with one soft-close clip 322.67.190 per door. Cover plates 322.67.191 and 323.68.300 to all hinges that do not have a soft-close clip.
- Door buffers: Hafele drill-in inserts 356.19.940 at corners.
- Acoustic seals to be incorporated to frame Norsound NOR 720 fitted in a 3mm wide x 4mm kerf to form continuous seal to access panel when closed.
- Suppliers: Hafele refer N10 / 650, Norsound refer N10 / 652.
- Services access: back panels of storage cabinets to be removable to access services behind.
- Doors:
  - Doors to be made from a single piece of 18mm thick MDF as N10/600.
  - Edges of door panels to be pencil round 2mm before spray finishing..
  - **2 no. budget mortice lock Hafele 230.16.910 to each door panel, one at 600mm AFF and one at 1800mm AFF. 3-way espagnolette lock to be incorporated, lockable with an allen key. Palco 3WL/5mm bit or equivalent approved.**
  - **One strike plate Hafele 230.16.940 per lock.**
  - **Drill a 16mm hole through the 18mm panel at each lock position and insert a Brushed-brushed stainless steel sleeve (2mm wall thickness) to line the hole through the panel to the lock. Sleeve to be glued into hole and to finish flush to the outside face and inside face of the panel.**
  - **Install one spring per door to push the door open when the locks are disengaged: Hafele 245.52.403 or similar approved.**
  - **Supply three budget lock t-keys: Hafele 230.16.920.**
- Other requirements: Enclosures and doors:
  - Incorporation of skirtings: Third Floor units as clause P20/130, Ground and First Floor units as clause P20/120.
  - Any voids / acoustic bridges to room from duct behind services enclosure to be packed with mineral wool P10/231.
  - **Support structure to be braced to back wall or ceiling as required to prevent movement of partition.**
  - **Provide support for extract plenum boxes K11/340 where required.**

540 PURPOSE MADE MESH / ACOUSTIC CLAD SERVICES ENCLOSURE BOARDROOM - IN ABEYANCE

- Description: Built in furniture to Southern wall board room.
- Location: first floor, room 108: board room
- Drawing Reference: IRAL-2642, IRAL-2650, IRAL-5600 for locations of fittings
- Dimensions: according to drawings.
- Cladding:
  - Panels to be removable for maintenance
  - Fixings of panels to be invisible
  - Wooden support framing
  - Space between framing components to be filled with acoustically absorbent material
  - Cladding of panels: TBC
  - Supplier:
- Sliding door:
  - Central panel to have the same appearance as panels for services enclosure.
  - Support frame made from steel sections.
  - Space between framing components to be filled with acoustically absorbent material.
  - Flush with services panels, when closed.
  - Sliding door mechanism and rails to be invisible, when closed.
  - Central panel to be movable to one side.
  - Two handles to be incorporated.
  - Handles refer to clause N10 / 120.
- Handles: Flush Pulls integrated into unit doors.
- Projection Area:
  - White spray-painted MDF
  - Paint as clause M60 / 140
  - Suitability of paint finish for projection to be checked.
- Storage:
  - Incorporated into space below the window and one other door panel
  - White spray-painted MDF
  - Paint as clause M60 / 140
  - Metal clad hinged doors
  - Cladding as services enclosures
  - Storage with adjustable shelving
- Other requirements:
  - Incorporation of skirting
  - Incorporation of coving
  - Incorporation of ventilation zone at the top

560 PURPOSE MADE STORAGE SYSTEM MEETING ROOM 2—IN ABEYANCE

- Generally as N10 / 570 except:
- Description: Built in furniture to meeting room.
- Location: second floor, room 207: meeting.
- Drawing Reference: IRAL-~~1520~~, ~~1525~~~~2662~~, IRAL-5600 for locations of fittings
- **Fixed whiteboard N10/194. Wall mounts to also carry sliding door mechanism.**
- Sliding door mechanism:
  - to be incorporated to carry **fixed and sliding** whiteboards as clause N10 / 194~~3~~
  - track system **not invisible in final configuration.**
  - Sliding door mechanism ~~based on:~~
    - Manufacturer:  
HAWA AG **or equivalent approved.**  
CH-8932 Mettmenstetten  
Switzerland  
Tel: 0041 44 7979191  
Fax: 0041 44 7679178  
Web: www.hawa.ch
    - Type: HAWA-~~220~~**210** Vorfront 50/70 **or equivalent approved.**
- Other requirements:

- Incorporation of space and power supply connection for large TV screen: ~~grommet/holeslot~~ for cable connection **with rebated nylon brush strips 406.41.820 in MDF top and hole in MDF back inside of cupboard to align with wall power, IT and antenna outlets.**
- **Frame to sliding whiteboard N10/194 to incorporate full height pull handle as drawn.**

#### 570 PURPOSE MADE STORAGE SYSTEM OFFICE

- Description: Built in furniture to offices third floor.
- Location: rooms 307, 308, 309, 310
- Drawing Reference: IRAL-2681, IRAL-2682, IRAL-2683, IRAL-2684, IRAL-2685, IRAL-2690, IRAL-5601 for locations of fittings
- Dimensions: as per drawings.  
Side, top and bottom panels and shelves: 18mm thick or to contractor's recommendation to CA approval.  
Back panels: 12mm thick or to contractor's recommendation to CA approval.  
Doors: 18mm thick or to contractor's recommendation to CA approval.
- Enclosures, doors and plinth:
- Material: MDF as N10/600
- Paint: as clause M60 / 140
- Ironmongery and accessories:
  - Handles:  
Small cabinet pulls as N10 / 122
  - Hinges, stops, magnets, adjustable shelves system:
  - Hinges: 5 per full-height door: Hafele 95° 0 click-on sprung concealed hinges 322.11.530 with one soft-close clip 322.67.190 per door. Cover plates 322.67.191 and 323.68.300 to all hinges that do not have a soft-close clip.
  - Door buffers: Hafele drill-in inserts 356.19.940 at corners.
  - Fully rebated shelving support strips: Hafele U-section bookcase strips in satin nickel 283.00.630 with double support studs 283.01.630
  - Acoustic seals to be incorporated to frame at all removable panels to access services: Norsound NOR 720 fitted in a 3mm wide x 4mm kerf to form continuous seal to access panel when closed.
  - Cabinet supports: Adjustable plinth feet Hafele top section 637.96.362 plus 120mm foot section 637.96.332 plus plinth clips 637.96.372.
- Suppliers: Hafele refer N10 / 650,  
SDS refer N10 / 651,  
Norsound refer N10 / 652.
- Services access: back panels of storage cabinets to be removable for access where there are services behind.
- Doors:
  - Doors to be made from a single piece of 18mm thick MDF as N10/600.
  - Edges of door panels to be pencil round 2mm before spray finishing.
- Other requirements:
  - Plinth to incorporate skirting as clause P20/120
  - Integration of ventilation equipment in the ceiling area.
  - Incorporation of rubbish and recycling bins.
  - Removable panels for services to be integrated where necessary.

#### 580 PURPOSE MADE STORAGE SYSTEM OFFICE

- Generally as N10/570 except:
- Description: Built-in furniture to second floor offices
- Location drawing references: room 210
- Drawing Reference: IRAL-1560, 1561, 1565, 1566, IRAL-2670, IRAL-5600 for locations of fittings
- Ironmongery and accessories: as N10/570 plus:
  - Keyboard shelf runners: Hafele Accuride 2007, 350mm deep, bright zinc 422.18.351

- Coat Rail: 25mm diameter Stainless steel tube SDS London Code 14965 or equivalent approved, fixed at ends with stainless steel rod sockets SDS London Code 14310 or equivalent approved.
- Acoustic seals to be incorporated to frame at access panel to smoke detection box, at doors to electrical panel and to all removable panels to access services: Norsound NOR 720 fitted in a 3mm wide x 4mm kerf to form continuous seal to access panel when closed.
- Other requirements:
  - 10mm ventilation slots in bottom of door to computer cupboard.
  - Top of computer cupboard to have continuous 40mm wide slot at back for ventilation and cableway to keyboard and monitor.
  - Plinth to incorporate skirting P20/130.
  - Integration of ventilation equipment in the ceiling area.
  - Incorporation of rubbish and recycling bins.
  - Incorporation of space and power supply connection for computer and monitor in the unit between windows.
  - Incorporation of electrical panel and smoke detection control panel.
  - Any voids / acoustic bridges to room from duct behind storage system to be packed with mineral wool P10/231.

**590 BUILT IN FIRE EXTINGUISHER CABINET – IN ABEYANCE**

- *Description: Built-in furniture to accommodate*
- *Location: Room 102, 202, 302, G01, B01*
- *Drawing Reference: IRAL-0410, IRAL-0411, IRAL-0412, IRAL-0413, IRAL-0414, IRAL-5600 and IRAL-5601 for locations of fittings*
- *Dimensions: according to drawings, to accommodate portable fire extinguishers as clause N25; dimensions to be confirmed.*
- *Fitted Units:*
  - *Material: Medite Ecologique, MDF with zero added formaldehyde.*
  - *Distributor:*  
*Medite Europe*  
*Persimmon House*  
*Anchor Boulevard*  
*Crossways Business Park*  
*Kent DA2 6QH*  
*Tel: + 44 (0) 1322 424900*  
*Fax: + 44 (0) 1322 424920*
- *Paint: as clause M60 / 140, Colour 001 as per M60/100*
- *Contrasting painted signage to be provided on door, colour/signage design to be confirmed.*
- *Handles: Flush Pulls integrated into door.*  
*Refer to section N10 / 120*
- *Ironmongery:*  
*Hinges, stops, magnets, adjustable shelves system:*
  - *Material: stainless steel*
  - *Supplier:*  
*Häfele refer N10/650*
- *Doors:*
  - *Fixings of panels to be invisible*
  - *Wooden support framing*
- *Other requirements:*
  - *Incorporation of skirting.*



**COMPONENTS**

- 600    **MDF**
- Material: Medite Premier or equivalent approved.
  - Board thickness as per individual specification clause and/or drawings.
  - Board size to avoid joints other than where explicitly shown on the drawings.
  - Cut edges to be filled and sanded smooth before painting if there is any pitting or imperfections to the surface.
  - FSC and/or PEFC certification for all MDF board material to be retained and produced for inspection on request.
  - Manufacturer:  
Medite Europe or equivalent approved.  
Persimmon House  
Anchor Boulevard  
Crossways Business Park  
Kent DA2 6QH  
Tel: + 44 (0) 1322 424900  
Fax: + 44 (0) 1322 424920  
<http://www.medite-europe.com>
- 610    **MOISTURE RESISTANT MDF**
- all as N10/600 except:
  - Material: Medite MR or equivalent approved.
- 620    **FLAME RETARDANT MDF**
- all as N10/600 except:
  - Material: Spano FR or equivalent approved.
  - Euroclass B, Fire Propagation to BSEN 13501-1.  
Fire test certificate to be produced on request.
  - Manufacturer:  
Spanolux NV or equivalent approved.  
Z.I. de Burtonville 10  
B-6690 Vielsalm  
Tel: + 32 (0)80 29 27 10  
Fax: + 32 (0)80 29 27 11  
<http://www.spanogroup.be>
  - Distributor:  
William T. Eden or equivalent approved.  
MLM Distribution Ltd.  
PO Box 3, Rippleway Wharf  
60 River Road  
Barking, IG11 0DU  
Tel: + 44 (0) 20 8477 8066  
Fax: + 44 (0) 20 8477 8010  
<http://www.edens.co.uk>
- 650    **IRONMONGERY SUPPLIERS: HAFELE**  
Häfele London or equivalent approved.  
23/24 Bourne Court, Southend Road  
Woodford, Essex, IG8 8HD  
Tel: 020 8551 8888  
Fax: 020 8550 6635  
E-mail: [london.office@hafele.co.uk](mailto:london.office@hafele.co.uk)  
Web: [www.hafele.co.uk](http://www.hafele.co.uk)

651 IRONMONGERY SUPPLIERS: SDS  
 SDS [London] Ltd. or equivalent approved.  
 183-189 Northcote Road  
 Battersea, London SW11 6QF  
 Tel: + 44 (0) 20 7228 1185  
 Fax: + 44 (0) 20 7738 2342

652 SEAL SUPPLIERS: NORSOUND  
 Norseal Ltd. Or equivalent approved.  
 Unit 5, Regents Drive  
 Prudhoe, Northumberland  
 NE42 6PX  
 Tel: 01661 831 311  
 Fax: 01661 83 00 99  
 Web: www.norsound.co.uk

### GENERAL REQUIREMENTS

- 710 CONTROL SAMPLES
- Provide control samples / prototypes for all visible materials / component of fixtures and fittings, if not stated otherwise minimum size 300 x 300mm, particularly:
    - Mini operable door, white spray-painted MDF with all necessary ironmongery including hinges, magnets, stops, bookcase strips etc
    - Partial piece of purpose built sink, stainless steel and Corian
    - Piece of worktop corners: Corian, stainless steel, Oak
    - Mini operable door, metal clad panel, including metal surface, acoustic material, all necessary ironmongery (hinges, magnets, stops etc., treatment of panel edges and inside of doors.
    - fire extinguisher cabinets: painted signage sample
    - Samples of sliding door mechanism
    - Samples of architectural ironmongery
    - Working sample 600mm in width, 900mm in length working blind with chain to proposed specification.
    - 1 insitu blind pocket with installed blind in location to be agreed with CA.
    - **Whiteboard framed corner N10/193**
  - Approval of appearance: Obtain before placement of orders.

### EXECUTION

- 710 MOISTURE CONTENT OF WOOD AND WOOD BASED BOARDS
- Temperature and humidity: During delivery, storage, fixing and to handover maintain conditions to suit specified moisture contents of timber components.
  - Testing: When instructed, test components with approved moisture meter to manufacturer's recommendations.
- 720 INSTALLATION GENERALLY
- General: to very high standard.
  - Fixing and fasteners: As section Z20.
  - **All floor standing fittings are to be fixed to wall near top of fitting to prevent overturning.**
  - **All fixings to wall are to fix to wall structure. Fixings to plasterboard only are to use proprietary fixings certified for the expected loads and a pull-out test to prove failure load.**
- 730 JOINERY WORKMANSHIP
- as section Z10

740 METALWORK MATERIALS AND WORKMANSHIP

- as section Z11

760 SEALANT BEDDING AND POINTING

- Application: As section Z22.

770 TRIMS

- Lengths: Wherever possible, unjointed between angles or ends of runs.
- Running joints: Where unavoidable, obtain approval of location and method of jointing.
- Angle joints: Mitred.

**COMPLETION**

910 GENERAL

- Doors and drawers: Accurately aligned, not binding. Adjusted to ensure smooth operation.
- Ironmongery: Checked, adjusted and lubricated to ensure correct functioning.

920 APPLIANCES

- Test: Ensure that all functions and features work correctly.
- Documentation: Submit guarantees, instruction manuals, etc.

**End of N10**