

1069_25 Cannon Street

Construction Issue

16 January 2020

This document includes:

Code	Section	Revision	Dated
N10	General fixtures/ furnishings/ equipment	C1	16 Jan 2020

N
Furniture/Equipment

N10
General fixtures/ furnishings/ equipment
Revision C1

Clauses amended in Revision C1

No.	Clause	
251	LUMINAIRE TO LIFT REVEAL	Added
252	LUMINAIRE TO MIRROR UNIT	Added
253	LUMINAIRE TO MIRROR UNIT	Added
254	LUMINAIRE TO MIRROR UNIT	Added

N10 General fixtures/ furnishings/ equipment

To be read with Preliminaries/General conditions.

PRODUCTS**111 RECEPTION FURNITURE - RECEPTION DESK**

TS reference FF-02.

See BGY drawing RE_40.

Bespoke joinery item.

External cladding:

Finish: 'Aged Brass' by A.Edmonds & Co Ltd.

Scotchbrite Finish. Lacquered CZ108. Reference: BR3A(L).

A.Edmonds & Co Ltd

91 Constitution Hill, Birmingham B19 3JY.

Tel: 0121 236 8351.

Email: enquiries@edmonds.uk.com.

Worktop Area: Forbo desktop linoleum, flush with brass finish. Colour TBC.

Support / Fixings: Timber framework and mild steel brackets fabricated from T sections, with no visible fixings.

Storage: Oak veneer faced doors and shelves, stained to match floor.

Desk to have adjustable sit and stand position.

Moving legs with integral motors, up and down controller with pre-sets.

All legs concealed. Legs to be GoStand Series 1 or similar.

Legs to be selected to ensure load capacities.

Other Requirements:

Cable management, to BS 6396.

To incorporate hidden data, comms and power outlets, as indicated on BGY drawing RE_40.

Allow for data and power cabling route to underside of desk and through screed floor.

Joinery as per specification Z10.

Metalwork as per specification Z11.

112 RECEPTION FURNITURE - DIVIDER UNIT

TS reference FF-03.

See BGY drawing RE_41.

Bespoke joinery item.

Timber-clad carcass with 2 No. vertical uprights / dividers.

Profiled timber cladding to 4 sides of base with patinated bronze top.

Edge detail as per drawing RE_41.

Timber to be stained and clear-coated. Colour TBC.

Bronze skirting to base of timber cladding.

Vertical uprights / dividers: Bronze channels with LED strip lights.

113 RECEPTION FURNITURE - HIGH TABLE

TS reference FF-04.

See BGY drawing RE_42.

Bespoke joinery item.

Steel frame supporting timber veneer table-top. Veneer finish TBC.

Edge of table to include solid timber edge lipping, to match top, with pencil-round edges.

Bronze grommets to accommodate Tenant items (eg. lamps).

6 No. Buster + Punch 2G UK plug sockets, with USB, smoked bronze finish and plastic back box.

Removable panel to allow access for electrical installation.

Steel table legs clad in patinated bronze sheet cladding.

10mm shadow gap to form skirting.

Electrical junction box in floor.

Table cabling run from floor box up through legs to top.

114 RECEPTION FURNITURE - BENCH SEAT

TS reference FF-05.

See drawing RE_21.

Removable upholstered cushion (fixed with Velcro to bench) on

Granite tiles (M40:141) on

Plwood substrate on

Steel frame.

Granite tiles under bench (M40:141).

118 RECEPTION FITTING - SPEED GATES

TS reference FF-08.

See BGY drawing RE_12.

Location: Reception, Ground Floor.

Manufacturer: Boon Edam Ltd

Holland House, Crowbridge Road, Orbital Park, Ashford, Kent TN24 0GR.

Tel: 01233 505900

E-mail: Jason.barnes@boonedam.com

Product: Swinglane 900.

General:

3 No. increased width & 1 No. disabled width Swinglane 900 in a straight run.

Comprising a total of 5 cabinets with cantilevered glass barrier work between cabinets & wall.

- Cabinet size: 196mm width, 1946mm length, 1113mm overall height.
- Lane width: 900mm (wide lane).
- Glass height: 1000mm.
- Flow Rate: 25 to 30 people per minute per lane.

Materials:

Cabinet: Stainless steel with curved ends and glass infill panels.

Top: 28mm deep top, satin stainless steel with card reader and status indicator windows at each end to accommodate proximity card readers.

Glass: 8mm thick clear toughened glass, with polished edges to gate leaves and infill panels.

Finish: Rimex steel finish – (exact specification to be confirmed)

Operation: The gate is always locked in the rest position.

An electrical impulse from the access control system (by others) releases the gate which turns through 90 degrees in the appropriate direction.

The wide lane has the additional function to offer two opening widths with fully open through 90 degrees for wheelchair access and a reduced opening width through 70 degrees for able bodied users.

Sensors: Sensors distributed along the length of the walkway detect the number, position and progression of users, if tailgating or unauthorised entry / exit is attempted the gate will attempt to close to prevent access.

Fail Safe: On receipt of a signal from the fire alarm system the gates will automatically unlock, allowing free access / egress.

Floor Fixings: Extended baseplate to suit a depth of 150mm from FFL to SSL.

Control Panel: Four button, touch sensitive glass control panel allowing entry, exit and locking functions to the wide lane.

Cantilevered Glass Barriers, along-side Speed Gates:

- Size: 2030 & 2310mm wide (2 No).
- 1000mm overall height, to line through with Swinglane 900 glass.
- Materials:
- Fixings: Recessed channels bolted directly to the structural slab (minimum height 75mm slab to FFL) prior to laying the floor finishes.
- Glass Panel: 19mm thick clear toughened glass, with polished and arrissed edges.
- Finish: Rimex steel finish – (exact specification to be confirmed).
- Floor Fixings: Baseplate to suit a depth of 150mm from FFL to SSL.

- 119 RECEPTION FITTING - PLANTER BOXES
TS reference FF-09.
See BGY RE_Series drawings.
Metal planters.
Finish: 'Aged Brass' by A.Edmonds & Co Ltd.
Scotchbrite Finish. Lacquered CZ108. Reference: BR3A(L).
A.Edmonds & Co Ltd
91 Constitution Hill, Birmingham B19 3JY.
Tel: 0121 236 8351.
Email: enquiries@edmonds.uk.com.
- 120 RECEPTION FITTING - FRAMED MIRROR ARTWORK
TS reference FF-12.
See BGY RE_Series drawings.
Artwork is by Tenant.
Contractor to provide Nvelope fixing system (specification K13:135).
- 127 CAFE FURNITURE - WINDOW LEDGE
TS reference FF-06.
See BGY RE_Series drawings.
Bespoke timber ledge.
Solid hardwood to match flooring sample, to be reviewed and agreed with Client.
Support: Mild steel frame to be developed by Sub Contractor.
Subframe to be totally concealed by timber.
All fixings to be concealed.
- 128 CAFE FURNITURE - COUNTER / BAR
TS reference FF-07.
See BGY drawings RE_43, 44 & 45.
Worktop: Patinated bronze finish.
Profiled timber cladding with solid timber battens to match specification K13:121 / 122.
Carcass: Painted MDF.
Adjustable supports on internal face of carcass for future Tenant fit-out.
- 136 WC'S - BESPOKE MIRROR UNIT
TS reference FF-15.
Location: Office WCs and EOT facilities.
See BGY drawing WC-20 for standard detail.
See WC & EOT_Series drawings for dimensions.
Bespoke mirror unit with exposed mild steel section.
Steel Finish: PPC. Colour TBC.
Unit formed around moisture resistant timber box structure to remain hidden.
To include clear mirror sheets and mirror-backed fluted glass sheets.
Paper towel dispenser behind fluted glass section where required.
Refer to Sanitaryware Schedule, item 14.
LED strip lighting to bottom of the unit.
Refer to Services Engineer / MTT Schedule.
Linear vertical light fitting with metal shade in Rimex 'Bronze Satin Stainless' finish (as per specification K13:109).
Contractor to provide samples and complete a mock-up for client and design team approval.
Mirror glass as per specification L40:555.
Fluted mirror glass as per specification L40:559.

- 140 WC'S - CONCRETE SINK WORKTOP & SPLASHBACK, EOT AREA
TS reference SA-10.
Location: EOT facilities.
See EOT_Series drawings.
Concrete Supplier: Cast Advanced Concretes Ltd.
Blackhill Road, Holton Heath Industrial Estate, Poole, Dorset BH16 6LS.
Tel: 01202 628 140.
Product: Mass concrete surfaces with impregnated sealer.
Unit to include integrated bin units and splash backs.
All components cast in sections and with a polished finish.
Finish / Colour: To be selected through sample process.
Sealant: Stainproof impregnating sealant, applied in factory.
Support / Sub-structure: Units to be fully supported either via sub-carcass or through the use of gallow-type brackets.
Under-mounted off-the-shelf basin - Refer to Sanitaryware Schedule, item 18.
- 141 WC'S - CONCRETE SINK UNIT, OFFICE WC'S
TS reference SA-11.
Location: Office WCs.
See BGY drawing WC-30.
Pre-cast concrete wash-hand basins with linear slot drain.
Concrete Supplier: Cast Advanced Concretes Ltd.
Blackhill Road, Holton Heath Industrial Estate, Poole, Dorset BH16 6LS.
Tel: 01202 628 140.
Product: Mass concrete surfaces with impregnated sealer.
Unit to include integrated bin units and splash backs.
All components cast in sections and with a polished finish.
Sealant: Stainproof impregnating sealant.
Support / Sub-structure: Units to be fully supported either via sub-carcass or through the use of gallow-type brackets.
- 143 WC'S - BELOW SINK UNIT, TIMBER VENEER
TS reference FF-16.
Location: EOT facilities & Office WCs.
See EOT & WC_Series drawings. See WC_30 for typical detail.
Timber veneer to match clause K13:121 & 122.
Thick solid lipping to edging to match veneer.
Unit to accommodate soap storage / reservoir serving tap dispenser.
Unit to incorporate drawers (for paper towel bins) with push-to-open mechanisms.
- 144 WC'S - BESPOKE PRIVACY SCREEN BETWEEN URINALS
TS reference FF-14.
Location: Male WCs.
See BGY drawing WC_02 for detail.
Profiled timber subframe wrapped in metal sheeting with bronze finish to match specification K13:109.
Fixed through divider with concealed fixings.

- 146 EOT AREA - BUILT-IN SHELVES & CUPBOARD UNIT
TS reference FF-21.
See BGY EOT_Series drawings.
Unit for clean and dirty towels and fresh water point.
Solid timber / oak with colour wash bench top.
Timber / oak veneer door fronts with colour wash.
Finishes to be selected through sample process.
Slots in door fronts for dirty towel drop off.
Bronze detailing to integrated door signage.
Unit, including doors and shelves, to have thick solid lipping to edging to match veneer.
Cupboard beside tap to house filter / chiller unit for tap.
Concealed ventilation slots required.
Where required, cupboard lock to be provided, bronze colour.
- 147 EOT AREA - HAIRDRYER & STRAIGHTENERS UNIT
TS reference FF-22.
See BGY EOT_Series drawings.
Pre-cast concrete unit to hold hairdryers & straighteners.
Concrete Supplier: Cast Advanced Concretes Ltd.
Blackhill Road, Holton Heath Industrial Estate, Poole, Dorset BH16 6LS.
Tel: 01202 628 140.
Product: Mass concrete surfaces with impregnated sealer.
All components cast in sections and with a polished finish.
Sealant: Stainproof impregnating sealant.
Support / Sub-structure: Units to be fully supported either via sub-car cass or through the use of gallow-type brackets.
- 148 EOT AREA - IRONING BOARD LOCKER UNIT
TS reference FF-23.
See BGY EOT_Series drawings.
Bespoke Maxwood full-height locker with integrated fold-down ironing board unit.
Finish to match locker in clause 158 below (Maxwood Oracle).
Laminate carcass to match door colour.
- 149 EOT AREA - TWO TIER CYCLE RACK, SINGLE SIDED
TS reference FF-24.
See BGY EOT_Series drawings.
Manufacturer: Falco UK Ltd
Unit 8 Leekbrook Way, Leekbrook Staffordshire ST13 7AP.
Tel: 01538 380 080.
Email: sales@falco.co.uk
Product: FalcoLevel Premium+ Cycle Rack, Single Sided.
Upper racks fitted with gas struts, all spaces fitted with welded locking points.
To include FalcoLevel Premium+ upright cover plate.
- 150 EOT AREA - TWO TIER CYCLE RACK, DOUBLE SIDED
TS reference FF-25.
See BGY EOT_Series drawings.
As clause 149 above, but Double Sided.

- 151 EOT AREA - FOLDING BICYCLE LOCKER
TS reference FF-26.
See BGY EOT_Series drawings.
Manufacturer: Five At Heart, London
Tel: 020 3137 1966
Email: eu_info@fiveatheart.com
Product: Two-Tier Folding Bike Locker.
Dimensions: 850 deep x 565 wide x 2100mm tall.
Lock: Keypad.
Numbering provided on each cabinet.
Finish: PPC Standard RAL (Colour TBC)
Warranty: Standard 2 year warranty
Fixing: Fix to floor or wall with sleeve anchor.
Product Weight: 55-62kg
Substrate Requirements:
Concrete, minimum 100mm thick and in good condition.
Cleaning: Construction materials such as concrete, plaster and paint splashes to be removed before they dry.
Wipe with a damp cloth for surface cleaning.
Cleaning may be done with a solution of warm water and a non-abrasive, pH neutral detergent solution.
Do not use strong solvents such as thinners or solutions containing chlorinated hydrocarbons, esters or ketones.
Abrasive cleaners or cutting compounds should not be used.
- 152 EOT AREA - SHEFFIELD CYCLE STAND
TS reference FF-27.
See BGY EOT_Series drawings.
Location: Basement.
Supplier: Falco UK Ltd
Unit 8 Leekbrook Way, Leekbrook Staffordshire ST13 7AP.
Tel: 01538 380 080.
Email: sales@falco.co.uk
Product: Standard Sheffield Stand.
Diameter 48mm.
Designed to fit 900mm above ground level.
Bolt down base plate.
Finish: Powder coated. RAL colour TBC.

- 153 EOT AREA - BICYCLE MAINTENANCE STATION
TS reference FF-28.
See BGY EOT_Series drawings.
Manufacturer: Turvec Solutions Limited.
4th Floor, 33 Cannon Street, London EC4M 5SB.
Tel: 0800 246 5474.
Product: Bike Repair Station with tools suitable for public spaces.
Dimensions: 1240 high x 440 wide x 300 mm deep.
Required dimensions for use: 2000 x 1500 mm.
Materials:
 - Steel body.
 - Plastic housing on bike grip.
 - Steel tool cables.
 - Stainless steel pump piston.
 - Integrated pressure gauge.
 - Phillips screwdriver, flat screwdriver, T25 Torx – screwdriver, adjustable spanner.
 - Flat wrench 8 x 10 mm, flat wrench 13 x 15 mm, hex key set.
 - Tyre levers (plastic with steel core).Finish: Galvanised steel PPC. RAL colour TBC.
Fixing: Surface mounted on baseplate.
Warranty: Two years.
- 154 EOT AREA - BICYCLE PUMP
TS reference FF-33.
See BGY EOT_Series drawings.
Manufacturer: Turvec Solutions Limited.
4th Floor, 33 Cannon Street, London EC4M 5SB.
Tel: 0800 246 5474.
Product: Turvec Public Bike Pump.
Dimensions: 620 high x 200 wide x 200 mm deep.
Required dimensions for use: 2000mm x 1500 mm.
Materials:
 - Steel body.
 - Stainless steel pump piston.
 - Integrated pressure gauge.
 - Steel hose with rubber protective coating.Finish: Galvanised steel, powder coated. RAL colour TBC.
Fixing: Surface mounted on baseplate.
Warranty: Two years.
- 155 EOT AREA - ELECTRIC BICYCLE CHARGING STATION
TS reference FF-28.
See BGY EOT_Series drawings.
Manufacturer: Turvec Solutions Limited.
4th Floor, 33 Cannon Street, London EC4M 5SB.
Tel: 0800 246 5474.
E-Bike Charging Station with housing for battery.
Dimensions: 1200 high x 180 wide x 780 mm deep.
Materials: Stainless steel.
Finish: Powder coated. RAL colour TBC.
Fixing: Surface mounted. Requires electrical connection.
Warranty: Five years.

156 EOT AREA - BICYCLE WASH STATION

TS reference FF-29.

See BGY EOT_Series drawings.

Manufacturer: Turvec Solutions Limited.

4th Floor, 33 Cannon Street, London EC4M 5SB.

Tel: 0800 246 5474.

Product: Public Bike Wash Station.

Low powered jet wash and cleaning brushes for public spaces.

Dimensions: 1500 high x 120 mm wide.

Materials:

- Stainless steel.
 - Plastic coated steel cables.
 - Stainless steel trigger.
 - Industrial steel hose.
 - Plastic cleaning brushes.
- Finish: Powder coated. RAL colour TBC.

Fixing:

- Surface mounted.
 - Plumbing by others.
 - No electrical connection required.
- Warranty: Five years.

157 EOT AREA - VERTICAL BICYCLE RACK

TS reference FF-31.

See BGY EOT_Series drawings.

Location: Basement.

Supplier: Falco UK Ltd

Unit 8 Leekbrook Way, Leekbrook Staffordshire ST13 7AP.

Tel: 01538 380 080.

Email: sales@falco.co.uk

Product: Falcovert-Pro Semi Vertical Cycle Rack.

Height: 1559 mm.

Depth: 1126 mm.

Length: As per EOT_Series drawings.

158 EOT AREA - LOCKERS

TS reference FF-32.

See BGY EOT_Series drawings.

Lockers:

Maxwood Oracle Z lockers with integrated bench.

Locker Dimensions: 1500 x 302mm.

Lock: Electronic lock from Lowe & Fletcher.

Lockers to have engraved laminated plastic number disc.

Hooks: Moulded coat hook to each compartment.

Hinges: Spring-loaded continuous aluminium extended anti-finger hinge.

Doors: 10mm solid grade laminate, with radiused, polished and rounded corners.

Colour: TBC.

Shelves: High strength polymer with incorporated ventilation holes.

Bench:

Solid timber bench, stained to match specification K13:121 / 122.

Fixings for bench framework to be concealed.

Bench Support: Mild steel integral bench and locker frame, concealed behind plasterboard.

- 159 EOT AREA - RAIL FOR DRYING ROOM
TS reference FF-30.
See BGY EOT_Series drawings.
Heavy duty hanging clothes / garment rail. Black.
- 162 EOT AREA - BENCH IN SHOWER ROOMS
TS reference FF-01.
See BGY EOT_Series drawings.
Timber veneer to bench to match specification K13 121 (option 1) or K13 122 (option 2).
- 205 BASEMENT - HORIZONTAL BLIND
Horizontal blind, below garden water feature in Basement.
Manufacturer: Umbra.
Queensway, Swansea West Business Park SA5 4DH.
Tel: 01792 562015.
Product: KuroLok Twin RL system.
Zipped-edge twin rooflight, Meet-in-the-middle tensioned system.
5 year warranty.
Includes extruded aluminium 100mm headboxes and slim 35mm side channels.
Twin system has two headboxes at each end of the blind.
Aluminium profiles to be powder coated. RAL colour TBC.
The blind fabric is locked into the side channels using zip technology and tensioned via powerful constant-tension spring (CTS) units.
Sturdy steel legs connect the headbox and side channels to create a rigid frame.
Universal profiles allow the frame to be fixed through the top, face or sides as required, and all fixings are completely concealed.
KuroLok Twin RL blinds can only be operated via 240V motors.
The two halves can be controlled independently, or as one.

251 LUMINAIRE TO LIFT REVEAL

See BGY drawing LF_20.

Location: Lift reveals to passenger lifts.

Final product to be agreed via approval of mock-up / sample (See drawing SA_32).

Description: Extruded linear LED profile luminaire.

Dimensions: Required length.

Manufacturer: Arlico.

Reference: Vogue 5.7

Materials: Profile Extruded Aluminium, Cover Polycarbonate, Fixings Stainless Steel.

Finish: To match metal cladding to lift reveals (See LF_20).

Technical:

Mount Type: Universally Mounted

Source Info: Tier 1 LED boards

Lumens: 861lm – 8610lm

Efficacy: Up to 99 lm/cW

Colour Temp: 3000K, 4000K

Rendering: Ra80+, Ra90+

MacAdam: 3SDCM

Lifetime: 50,000 hr (L80/B10)

Voltage: 230V, 50/60Hz

Power Factor: >0.9

Dimming: DALI

Emergency: 3 Hour, DALI, or non-emergency

Safety Class: I

IP Rating: IP20

252 LUMINAIRE TO MIRROR UNIT

Luminaire to Mirror Unit (Noted on drawing as Item 9).

See BGY drawing WC_20.

Location: Mirror Unit in WCs.

Final product to be agreed via approval of mock-up / sample (See drawing SA_36).

Description: LED Strip Lighting. To be provided with leads.

Product is the same as TYPE C from MTT Luminaire Schedule.

Dimensions: Required length.

Lamp:

Light Source – LED

Min Luminaire Luminous Flux – 3000 LM

MIN Luminaire Efficacy – 169 LM/W

Max Luminaire Input Power – 17.7 W

Colour Temp – 4000K

RA – >80

IK – NA

IP – 20

SDCM – >3

Rated Median Useful Life – L70 @ 50,000 hours

Control: DALI

Manufacturer: Future Designs

Contact: Oliver Clements

oclements@futuredesigns.co.uk

Reference: Vivid – LED

253 LUMINAIRE TO MIRROR UNIT

Luminaire to Mirror Unit (Noted on drawing as Item 12).

See BGY drawing WC_20.

Location: Mirror Unit in WCs.

Final product to be agreed via approval of mock-up / sample (See drawing SA_36).

Description: LED tube to be installed behind flat steel bar (Reference Number: 13).
Black powder-coated housing (Reference Number: 16) at top and bottom of tubular luminaire.

Manufacturer: Philips

Product: Master LED tube 600mm HO 8W830 T8

Reference Number: 69747400

Dimension: 600mm long

Input Frequency: 50 to 60 Hz

Voltage (Nom): 220-240 V

Power (Rated) (Nom): 8 W

Starting Time (Nom): 0.5s

Beam Angle (Nom): 160

Colour Code: 830

Correlated Colour Temperature (Nom): 3000 K

Colour Rendering Index (Nom): 83

254 LUMINAIRE TO MIRROR UNIT

Luminaire to Mirror Unit (Noted on drawing as Item 15).

See BGY drawing WC_20.

Description: Luminaire behind mirror for back-lit symbol engraving (indicating location of paper towels).

Engraving is 85 long x 50mm wide.

Location: Mirror Unit in WCs.

Final product to be agreed via approval of mock-up / sample (See drawing SA_36).

Luminaire from Lumino Vector range or similar.

Address: Lumino House, Lovet Road, Harlow, Essex CM19 5TB.

Product to be as per cabinet manufacturer's recommendations.

Dimensions: Required length, Approx 85mm long.

- 301 ENTRANCE MATTING -
TS references: FF-13 & FL-06.
Location: Main Entrance, Cafe & 5th floor stair landing.
See FA_12 & RE_01 for main entrance.
See RE_01 for cafe. See ST_04 for 5th floor.
Manufacturer: Intraform
14 Headlands Business Park, Salisbury Road
Blashford, Ringwood BH24 3PB
Tel: 01425 472 000
Email: info@intramatting.com
Product reference: Intraflex XT.
12mm Heavy Duty Entrance Matting.
Insert range: Intra Lux Linear 451 Grey.
Insert colour: Grey 451.
Construction: Closed.
Finish: Bronze.
- Matwell framing / trim: As per manufacturer's recommendation.
Flush with adjacent floor finish.
Angles:
- Corners: Mitred and welded.
- Angle size: To suit matting.
- Surrounding angle frame securely fixed to substrate.
Finished to Architect's approval.

- 302 ENTRANCE MATTING -
TS reference: FF-13.
Additional matting product for main entrance area, ground floor.
To be fitted along-side product in clause 301 above.
Details as above, except for:
Product reference: Intraform DM.

EXECUTION

- 720 INSTALLATION GENERALLY
- General: In accordance with suppliers / manufacturer's recommendations.
 - Fixing and fasteners: As section Z20.
 - Services: As Service Engineer's specification.
- 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.

930 TESTING / CERTIFICATION

Testing: Ensure that all functions and features work correctly.

Documentation: Submit guarantees, instruction manuals, etc.