

Project No. 150457

Client: Council of the Isles of Scilly

Tender Issue 10/11/2017

STRIDE TREGLOWN
ARCHITECTURE

Carn Gwavel School

10 November 2017

This document includes:

Code	Section	Revision	Dated
N13	Sanitary appliances and fittings		

N13 Sanitary appliances and fittings

To be read with Preliminaries/ General conditions.

PRODUCTS

300A WCS AND CISTERNS To Staff WC

- Duct linings – As per K32/161 spec and room loading drawings.
 - Sanitary appliances; Supplied loose with appropriate fixings.
 - WC arrangement: Back to wall, rimless floor mount WC with concealed cistern.
 - Pan: Armitage Shanks S305601 Contour 21 WC, (supplied as a loose item).
 - Lip Height: 410mm High.
 - Pan projection: 520mm.
 - Fixings: included.
- Seat: S406501 Contour 21 White seat & cover, top fix hinges.
- Pan Connector: Armitage Shanks S430501 (converts horizontal outlet to P trap).
- Conceala 2 cistern & cover: EEM13590167 - 6.0 or 4.5 litre lever flush (side inlet) with EEM35460367 flushpipe.
- Valve/Float/Operating mechanism: ½ Microvalve HP/LP ballvalve.
- Flushing Mechanism: C03SN20CP - Stainless steel lever.
- Fittings: S951467 Domex screw (part2) ARM030, S972301 White procaster size 3 screw cap.
 - Sealing: Joint between WC and IPS by installer / main contractor.

300B WCS AND CISTERNS To Children's WCs

- Duct linings – As per K32/161 spec and room loading drawings.
 - Sanitary appliances: Supplied loose with appropriate fixings.
 - WC arrangement: Back to wall, open rim floor mount WC with concealed cistern.
 - Pan: Armitage Shanks S304601 Contour 21 Schools (supplied as a loose item).
 - Lip Height: 305mm High.
 - Pan projection: 490mm.
 - Seat: Contour 21 seat no cover, bottom fix hinges.
 - Pan Connector: Armitage Shanks S430501 (converts horizontal outlet to P trap).
- Conceala 2 cistern & cover: EEM13590167 - 6.0 or 4.5 litre lever flush (side inlet) with EEM35460367 flushpipe.
- Valve/Float/Operating mechanism: ½ Microvalve HP/LP ballvalve.
- Flushing Mechanism: Stainless steel lever.
- Fittings: S951467 Domex screw (part2) ARM030, S972301 White procaster size 3 screw cap.
 - Sealing: Joint between WC and IPS unit by installer / main contractor.

300C WCS AND CISTERNS To Accessible WCs

- Duct linings – As per K32/161 spec and room loading drawings.
- Sanitary appliances: Supplied loose with appropriate fixings.
- WC arrangement: Back to wall, rimless floor mount WC with concealed cistern.
- Pan: Armitage Shanks S311601 Contour 21, (supplied as a loose item).
- Lip Height: 450mm (480mm to seat).
- Pan Projection: 750mm.
- Fixings: Included.
- Seat: S406601 - Contour 21 White seat no cover, top fix hinges.
- Pan Connector: Armitage Shanks S430501 (converts horizontal outlet to P trap).
- Concealed cistern & cover: EEM13590167 - 6.0 or 4.5 litre lever flush (side inlet) with EEM35460367 flushpipe.
- Valve/Float/Operating mechanism: ½ Microvalve HP/LP ballvalve.
- Flushing Mechanism: C03SN20CP - Chrome plated lever.
- Fittings: S430267 Contour 21 Inlet connector and constructed bend. S951467 Domex screw (part2) ARM030, S972301 White procaster size 3 screw cap.
- Sealing: Joint between WC and IPS by installer / main contractor.
- Accessories: Document M 2004 Compliant grab rails and door pulls (NBS Clause N13/436). Refer to room loading drawings.
- Loose Grabrails: Colour: TBC
- S6454** Contour 21 grab rail, straight 60cm long x 35mm diameter (x4)
- S6452** Contour 21 grab rail, straight 45cm long x 35mm diameter
- S6360** Contour 21 hinged support rail, 80cm x 35mm O.D,
- S6466** Contour 21 back support, 40cm x 22cm x 35mm OD tube
- S688467 Cushioned back support with clips - White
- S6363** Toilet roll holder for Contour 21 hinged arm rail
- 0600400 Hinged grabrail bracket (Rail not included)

335A WASH BASINS To Accessible Staff WC/ Baby Change (Left Tap Hole)

- Duct linings – As per K32/161 spec and room loading drawings.
- Sanitary appliances: Supplied loose.
- Basin: Armitage Shanks S247301 Contour 21 Short projection panel mounted handrinse basin. 370mm, left hand tap hole, no overflow or chainstay hole.
- Taps: A4131AA - Contour 21 thermostatic lever action sequential basin mixer tap with flexible tails (Suitable for low or high pressure supply systems).
- Waste: TSWC102 - Chromium plated 1½ strainer waste with 80mm unslotted tail.
- Trap: 7360700SC - 1½ self-colour (Chrome plated.), plastic re-sealing bottle trap with 75mm seal.
- Fixings: S911167 concealed steel hangers
- Sealing: Joint between basin and IPS by installer / main contractor.

- 335B WASH BASINS To Accessible WCs (Right Tap Hole)
Duct linings – As per K32/161 spec and room loading drawings.
- Sanitary appliances pre-fixed and sealed to V-epps unit by Venesta unless stated elsewhere.
- Basin: Armitage Shanks S247401 Contour 21 Short projection panel mounted handrinse basin. 370mm, right hand tap hole, no overflow or chainstay hole.
Taps: A4131AA
- Contour 21 thermostatic lever action sequential basin mixer tap with with flexible tails (Suitable for low or high pressure supply systems).
Waste: TSWC102 - Chromium plated 1½ strainer waste with 80mm unslotted tail.
Trap: 7360700SC - 1½ self-colour (Chrome plated.), plastic re-sealing bottle trap with 75mm seal.
- Fixings: S911167 concealed steel hangers
Sealing: Joint between basin and IPS by installer / main contractor.
- 335C WASH BASINS To Child WC
Duct linings – As per K32/161 spec and room loading drawings.
- Sanitary appliances pre-fixed and sealed to V-epps unit by Venesta unless stated elsewhere.
- Basin: Armitage Shanks S247401 Contour 21 Short projection panel mounted handrinse basin. 370mm, right hand tap hole, no overflow or chainstay hole.
Taps: A4131AA
- Contour 21 thermostatic lever action sequential basin mixer tap with with flexible tails (Suitable for low or high pressure supply systems).
Waste: TSWC102 - Chromium plated 1½ strainer waste with 80mm unslotted tail.
Trap: 7360700SC - 1½ self-colour (Chrome plated.), plastic re-sealing bottle trap with 75mm seal.
- Fixings: S911167 concealed steel hangers
Sealing: Joint between basin and IPS by installer / main contractor.
- 336 WASH BASINS to Vanity Units in Child WC
- Manufacturer: Armitage Shanks.
 - Web: www.idealstandard.com.
 - Email: info@thebluebook.co.uk.
 - Tel: +44 (0)870 122 8822.
 - Address: Armitage, Old Road, Rugeley, Staffordshire. WS15 4BT.
 - Product reference: [S2462 Sandringham 500 mm semi-countertop basin, two tapholes, with overflow, no chainstay hole, complete with fixing clips].
 - Colour: [White].
 - Water supply fittings: [Delabie Temposoft Taps].
 - Wastes: [S8733 1½" Anti-theft chrome plated waste, swivel plug, slotted tail].
 - Traps: [S8910 1½" Bottle trap, self colour plastics, multi-purpose outlet, 75 mm seal].
 - Accessories: [_____].
- 429 CLOTHES HOOKS TO CIRCULATION AND PLAY SPACES WHERE REQUIRED
- Manufacturer: Saville Stainless.
 - Product reference: SSAC215 single hook or equal approved for clothes and bags..
 - Material: Chrome nickel steel.
 - Finish/ Colour: satin.

- 436 HANDRAILS AND GRAB BARS To Staff WC areas
- Manufacturer: Armitage Shanks.
 - Product reference: S6726AC.
 - Diameter: 33mm.
 - Material: Aluminium.
 - Finish/ Colour: TBC.
- 438 MIRRORS To WC areas generally
- Manufacturer: Saint Gobain or equal approved.
 - Product reference: TBA..
 - Material: plastic mirror sheet with smoothed edges to give maximum reflection, free from tarnishing, discolouration, scratches, and other defects visible in the designed viewing conditions
 - Size: tba mm with holes for screw fixing with mirror screws and domed heads.
 - Position accurately with sides vertical and fixed securely, adjusting as necessary to ensure a true undistorted reflection...
 - Finish/ Colour: N/A.
- 439 MIRRORS to Accessible WCs
- Manufacturer: Saint Gobain or equal approved.
 - Product reference: TBA..
 - Material: plastic mirror sheet with smoothed edges to give maximum reflection, free from tarnishing, discolouration, scratches, and other defects visible in the designed viewing conditions
 - Size: 1350 x 500 mm with holes for screw fixing with mirror screws and domed heads.
 - Position accurately with sides vertical and fixed securely, adjusting as necessary to ensure a true undistorted reflection...
 - Finish/ Colour: N/A.
- 442 PAPER TOWEL DISPENSERS
- Manufacturer: Armitage Venesta .
 - Product reference: 0302020.
 - Material: Plastic.
 - Finish/ Colour: Grey.
- 446 SANITARY TOWEL DISPOSAL BINS To all WCs for adult use
- Manufacturer: Contractor's choice.
 - Product reference: Contractor's choice.
 - Material: Plastic.
 - Finish/ Colour: Grey.
- 447 DISPOSAL BINS -
- Manufacturer: Contractor's choice.
 - Product reference: Contractor's choice.
 - Material: plastic.
 - Finish/ Colour: white.

- 449 SHELVES TO ACCESSIBLE WC
 - Manufacturer: BOYCO UK Ltd.
 - Product reference: Boyco 'Trespatop'.
 - Material: Solid grade laminate.
 - Finish/ Colour: TBC.

- 449A BABY CHANGING UNIT
 - Manufacturer: Boyco (UK) Ltd.
 - Web: www.boycouk.com.
 - Email: sales@boycouk.com.
 - Tel: +44 (0)161 428 7077.
 - Address: Europa Way, Cheadle Heath, Stockport, Cheshire. SK3 0XE.
 - Product reference: Baby Changing Unit
 - Type: L284.

- 458 SOAP DISPENSERS To WHBs in all WC areas
 - Manufacturer: Armitage Venesta .
 - Product reference: 0302006.
 - Material: Plastic.
 - Finish/ Colour: White.

- 462 TOILET PAPER HOLDERS to WC's
 - Manufacturer: Armitage Venesta .
 - Product reference: Contractor's choice.
 - Material/ finish: Plastic.
 - Finish/ Colour: Grey.

- 473 HAND DRIERS To WC areas
 - Standard: To BS EN 60335-2-23.
 - Refer to M&E Engineers Specification

- 580 SEALANT FOR POINTING
 - Standard: -.
 - Class: -.
 - Type: High modulus 1 part silicone sealant with fungicide.
 - Manufacturer: Adshead Ratcliffe or equal approved.
 - Product reference: Arbosil 1081.
 - Colour: White.

EXECUTION

610 INSTALLATION GENERALLY

- Assembly and fixing: Surfaces designed to falls to drain as intended.
- Fasteners: Nonferrous or stainless steel.
- Supply and discharge pipework: Fix before appliances.
- Fixing: Fix appliances securely to structure. Do not support on pipework.
- Jointing and bedding compounds: Recommended by manufacturers of appliances, accessories and pipes being jointed or bedded.
- Appliances: Do not use. Do not stand on appliances.
- On completion: Components and accessories working correctly with no leaks.
- Labels and stickers: Remove.

613 COMPATIBILITY OF COMPONENTS

- General: Each sanitary assembly must consist of functionally compatible components, preferably obtained from a single manufacturer.
 - Exceptions: Water supply fittings, wastes and traps.

620 NOGGINGS AND BEARERS

- Noggings, bearers, etc. to support sanitary appliances and fittings: Position accurately. Fix securely.

630 TILED BACKGROUNDS OTHER THAN SPLASHBACKS

- Timing: Complete before fixing appliances.
- Fixing appliances: Do not overstress tiles.

650 INSTALLING WC PANS

- Floor mounted pans: Screw fix and fit cover caps over screw heads. Do not use mortar or other beddings.
- Seat and cover: Stable when raised.

670 INSTALLING CISTERNS

- Cistern operating components: Obtain from cistern manufacturer.
 - Float operated valve: Matched to pressure of water supply.
- Overflow pipe: Fixed to falls and located to give visible warning of discharge.
 - Location: Agreed, where not shown on drawings.

710 INSTALLING TAPS

- Fixing: Secure against twisting.
- Seal with appliance: Watertight.
- Positioning: Hot tap to left of cold tap as viewed by user of appliance.

720 INSTALLING WASTES AND OVERFLOWS

- Bedding: Waterproof jointing compound.
- Fixing: With resilient washer between appliance and backnut.

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Signed Off **Tender Issue 10/11/2017**

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725 INSTALLING HAND DRIERS

- Fused connection units:
 - Type: Switched.
 - Engraving: With 'HAND DRIER'.
 - Location: Submit proposals.
- Final connection: Concealed.
 - Containment: 25 mm HG galvanized conduit.

755 SEALANT BEDDING AND POINTING

- Bedding: Bed and point basins to underside of vanity units. .
- Pointing: Joints between appliances and splashbacks. .