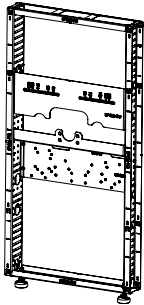
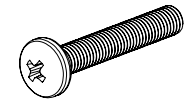
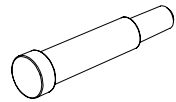
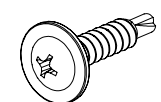
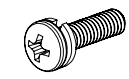
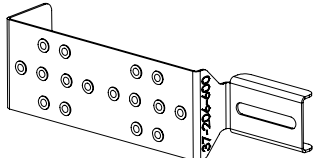
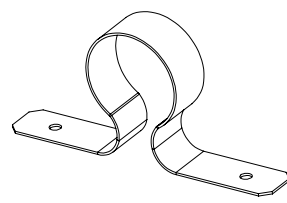
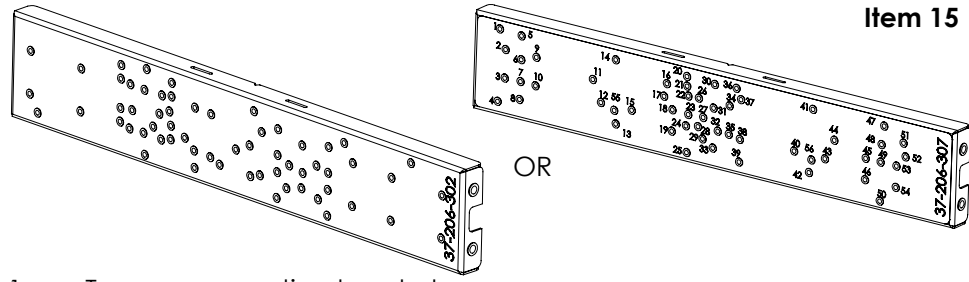
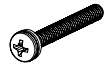
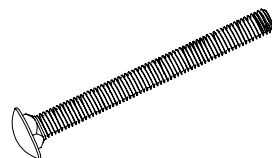
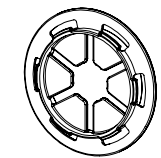
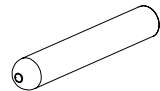


BILL OF MATERIALS			
Item 1  1pc x MOD002-F	Item 2  2pcs x M8 Flat Washer	Item 3  2pcs x M8x1.25x50 Pan Head Phillips Screw	
Item 4  2pcs x 50mm Shoulder Plug for M8	Item 5  4pc x M6x16 pan head phillips drive screw	Item 6  24pcs x 8G x 20mm Galvanised Button Head Self tap Drilling Metal Screw	
Item 7  2pcs x M10 Thin Hex Nut	Item 8  2pcs x M10 Flat Washer	Item 9  14pc x M4x16 Pan Head Screws with Split Lock Washer	
Item 10  4pcs x M4x5 Pan Head Screw	Item 11  4pcs x Internal-Tooth Lock Washer for M4	Item 12  1pc x Elbow Offset Bracket	Item 13  2pcs x Saddle Clip for 40mm DWV pipe
Item 14  1pc x M6x1.0x16 Pan Head Screw with Split Lock Washer	Item 15  1pc x Tapware mounting bracket		
Item 16  4pcs x M4x35 Pan Head Screw with Split Lock Washer	Item 17  2pcs x M10x1.5 mm sq neck carriage bolt	Item 18  4pcs x Round 45mm grommet (Caroma)	Item 19  2pcs x Round end protection cap for M10 screw

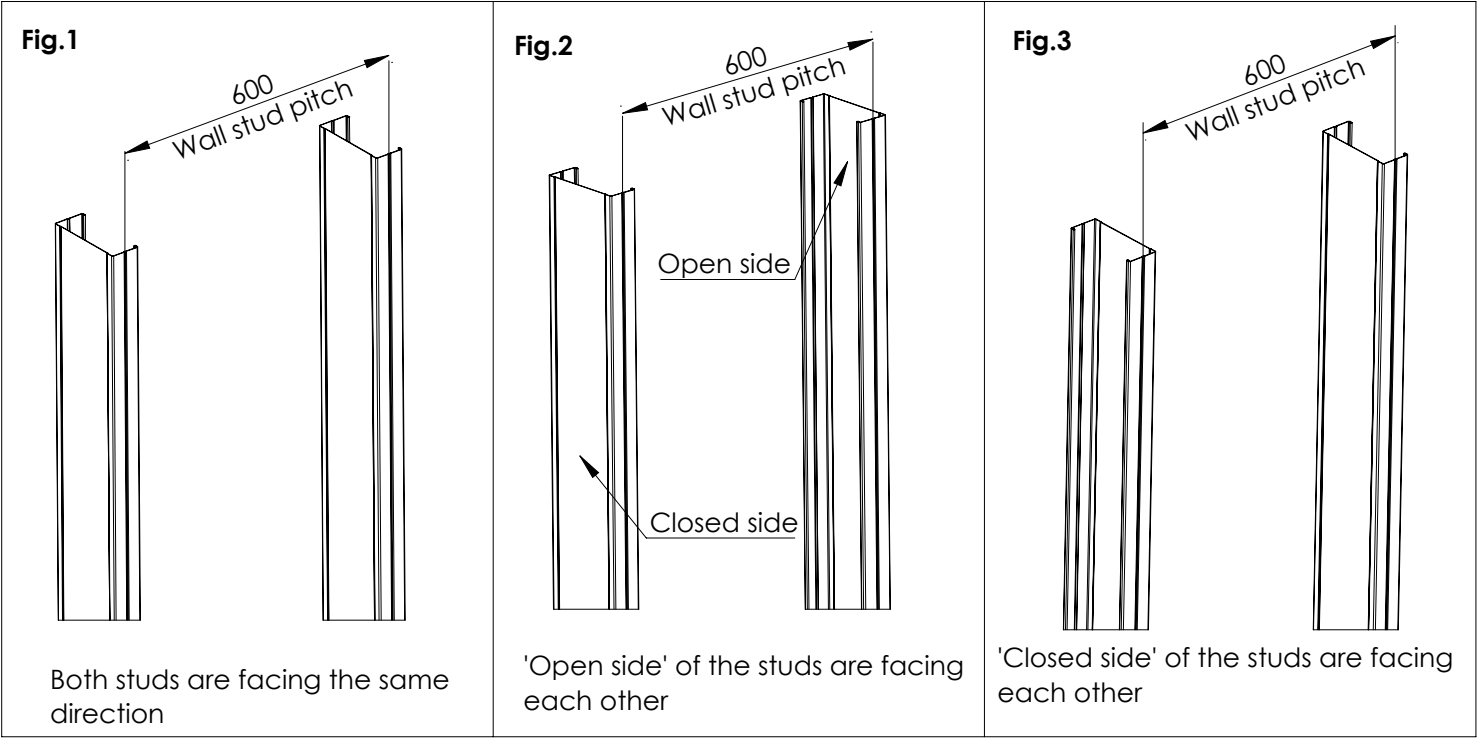
INSTALLATION INSTRUCTIONS
MOD002 AND MOD022 -
MODULAR FRAME FOR WALL BASIN AND WALL TAP KIT
AND SPARE PART KIT

WARNING!
WEAR SAFETY GLOVES & SAFETY SHOES AT ALL TIMES DURING ASSEMBLY & INSTALLATION

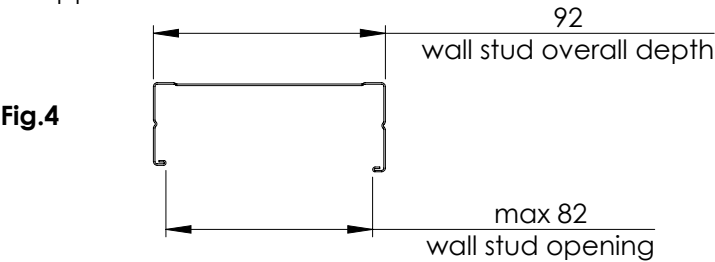
IMPORTANT
WHEN TIGHTENING STAINLESS STEEL SCREWS, APPLY A LUBRICANT TO THE THREADED AREA TO MINIMISE SEIZING.

NOTE
ALL MEASUREMENTS SHOWN ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

Modular frame supports below wall stud configurations:



Modular frame supports below wall stud cross-sections:



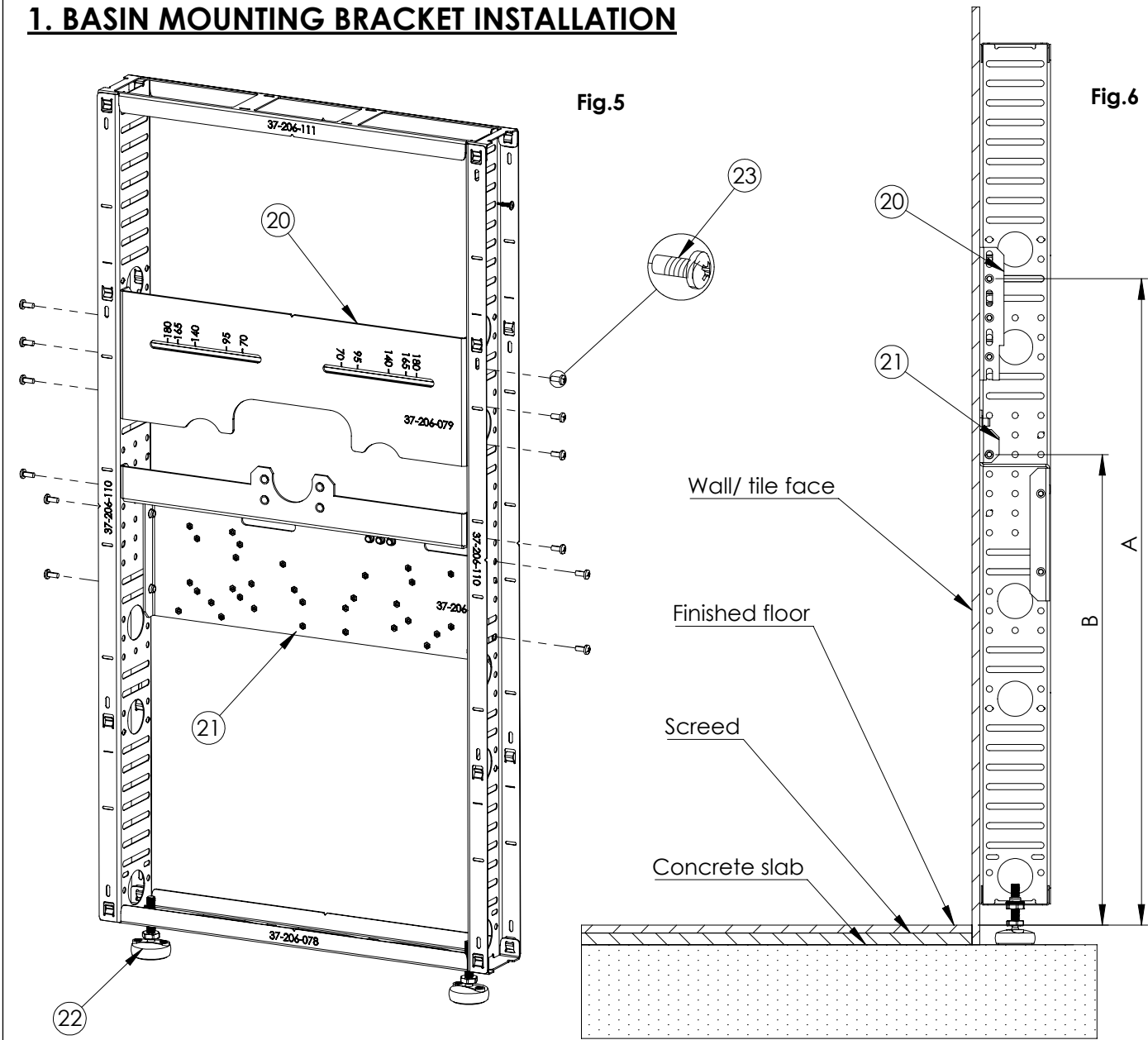
Supported Wall Studs:

Wall Stud Brand	Part Number
RONDO	RON251, RON495, RON681
SINIAT	WSL92-055-xy, WSL92-075-xy, WSL92-115-xy

Table 1

FOR INSTALLED PRODUCT MEASUREMENTS REFER PAGES 4 TO 9.

1. BASIN MOUNTING BRACKET INSTALLATION



Basin	A*	B	C
CARE 500/600/ 700	825	550	95
CARE 500/600/ 700 easy access	775	500	95
URBANE II 600 LHS/ RHS	830	555	140
OPAL 510	830	630	70
OPAL 510 easy access	780	300	70
CUBUS UTILITY	830	505	180
CUBE EXTENSION LHS/ RHS	830	580	165
CARAVELLE 550	855	555	140

Table 2

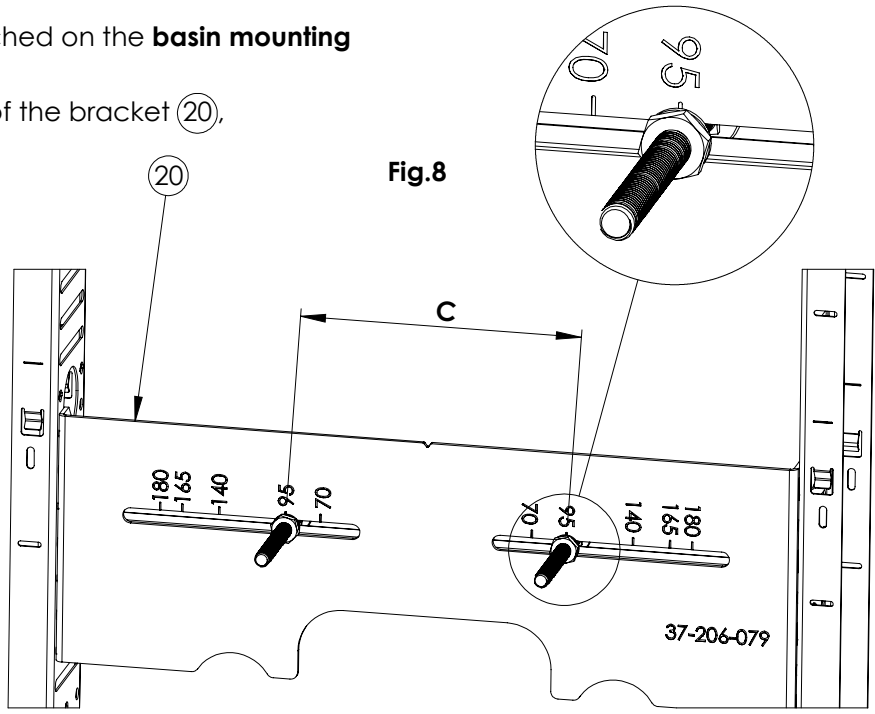
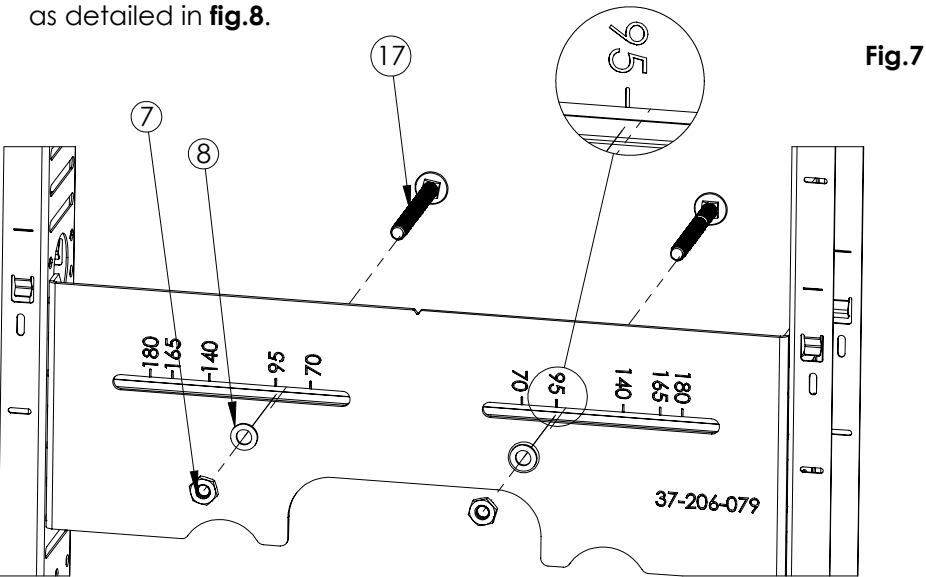
- Tip:**
For ease of assembling, lay the frame on its back on a flat surface.
- i) Identify the basin to mount.
ii) Refer **Table 2** to identify the **basin mounting bracket (20)** & **shroud mounting bracket (21)** positions.
iii) Fit the two **brackets (20) & (21)** to the **frame (1)** using 12pcs **M6x16 screws (23)** as shown in **Fig.5**. Item **(23)** come already fitted to the **frame (1)**.

IMPORTANT:
Use spirit level to ensure vertical and horizontal levelness of **mounting brackets (20) & (21)** On **frame (1)**.

* If required, adjust the frame height with **adjustable feet (22)**.

2. BASIN MOUNTING BOLT INSTALLATION

- i) Refer **Table 2** column C to identify the basin mounting bolt installation positions etched on the **basin mounting bracket (20)** as shown in **Fig.7**.
ii) Fit **M10 bolt (17)**, **thin hex nut (7)** and **flat washer (8)** on both left & right hand sides of the bracket **(20)**, as detailed in **fig.8**.



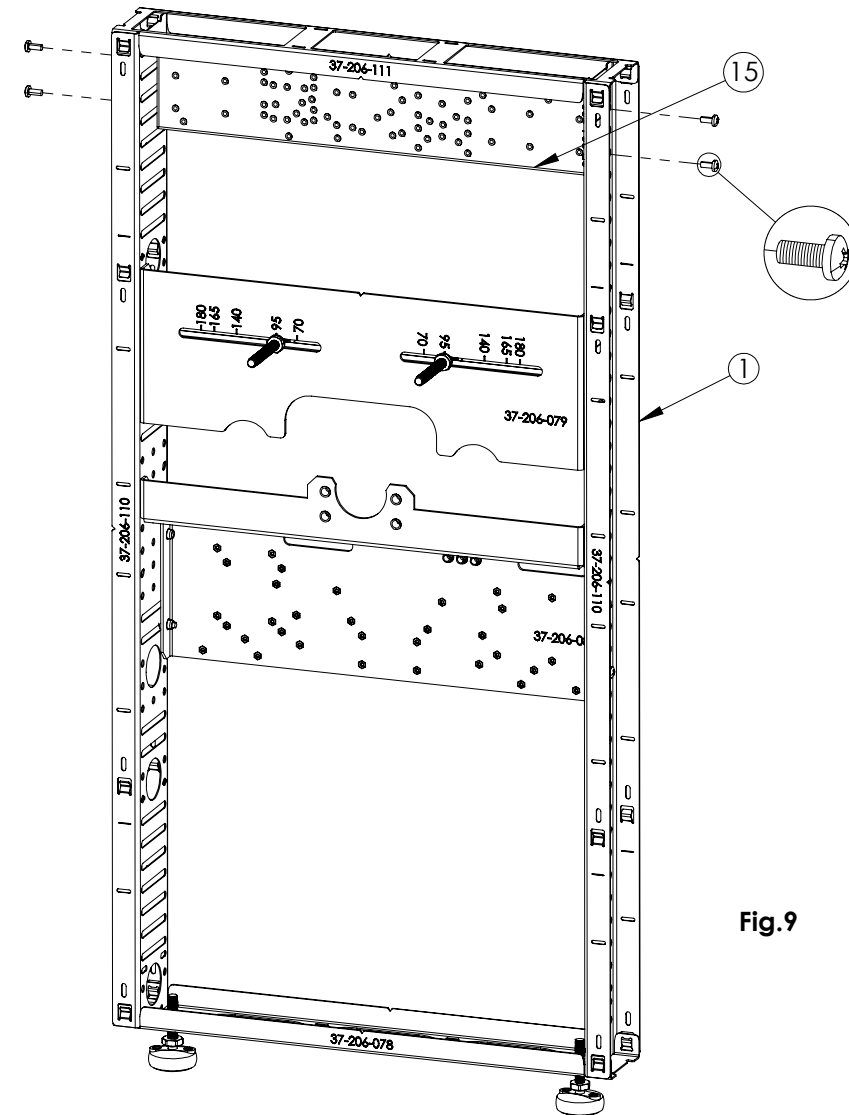
3. TAPWARE MOUNTING BRACKET INSTALLATION

- i) Refer **Table 3** for the compatible wall tap kits.
ii) Refer pages 4 to 9 to find the **tapware mounting bracket (15)** position on the frame.

Tapware mounting bracket p/n	Compatible in-wall body kit
37-206-302	99635F-Caroma easyswitch universal wb/ bath mixer inwall body-LF 99682-Universal Rough-in Kit – Sensor Wall Outlet Tap 98469-Smart Command Etap Wall Outlet (no back plate) - Rough In Kit
37-206-307	- ARDENT SINK BREECH 200C NO TAILS B_E - Rehau Edge Male Lugged Elbow 16mm x G1/2" (90)

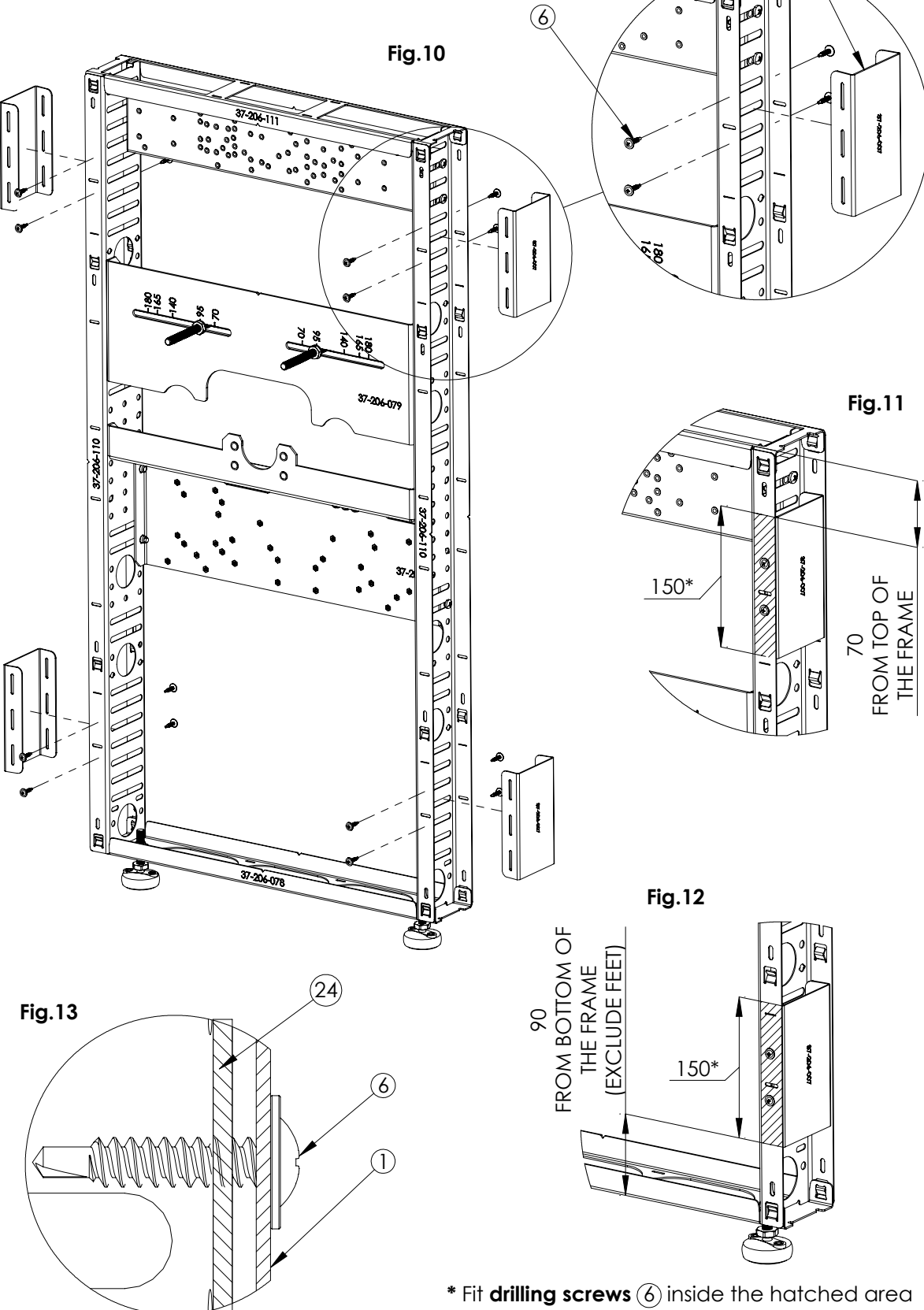
Table 3

- iii) Fit the **tapware mounting bracket (15)** to the **frame (1)** with 4pcs **M6x 16 screws (5)** as shown in **Fig.9**.



4. INSTALLATION OF LINKING BRACKETS

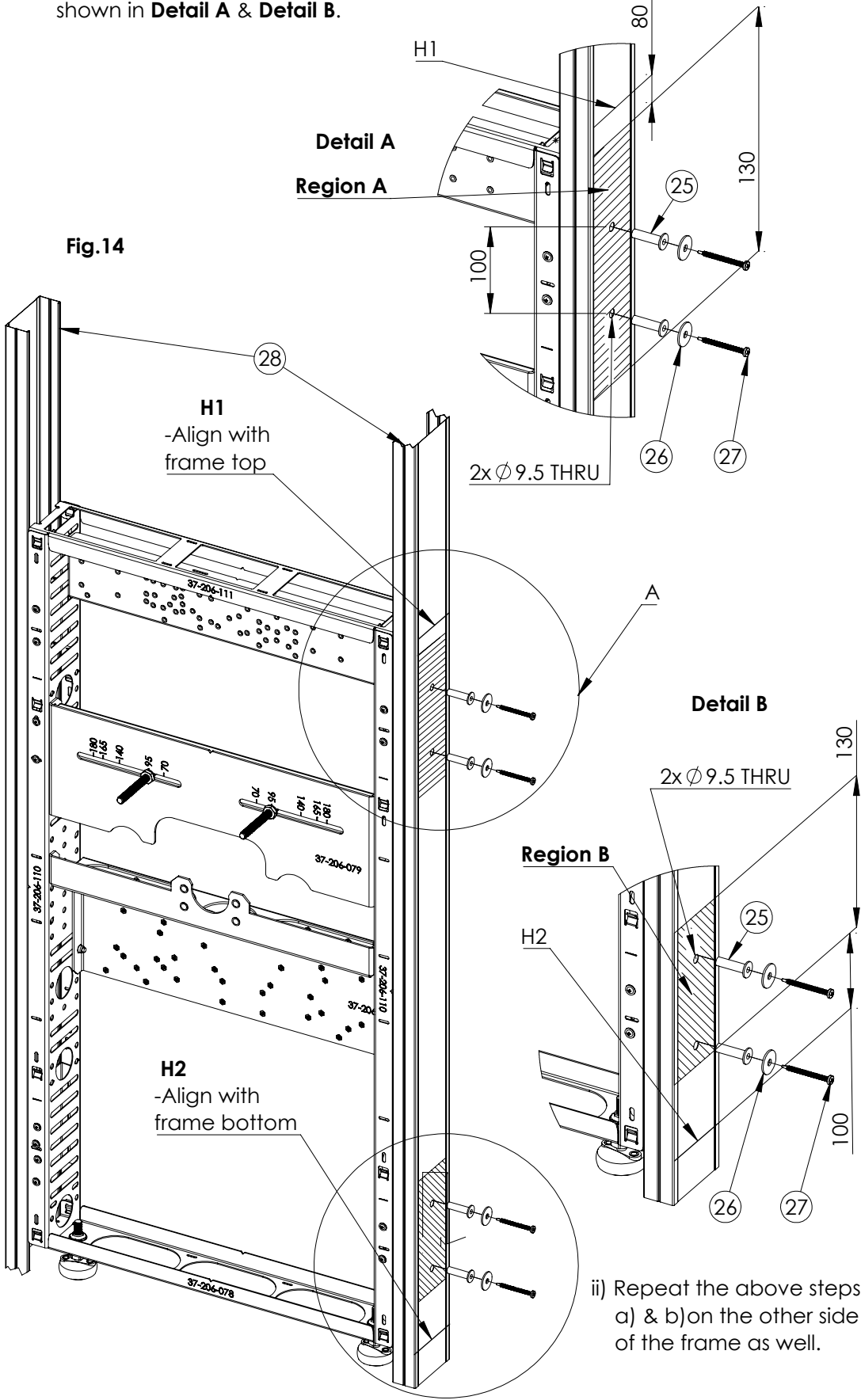
- i) Position and fit the four **linking brackets** (24) using 16pcs **drilling screws** (6) as shown in **Fig.10**.
- ii) Refer **Fig.11** & **Fig.12** for **drilling screw** (6) & **linking bracket** (24) positions on the **frame** (1).



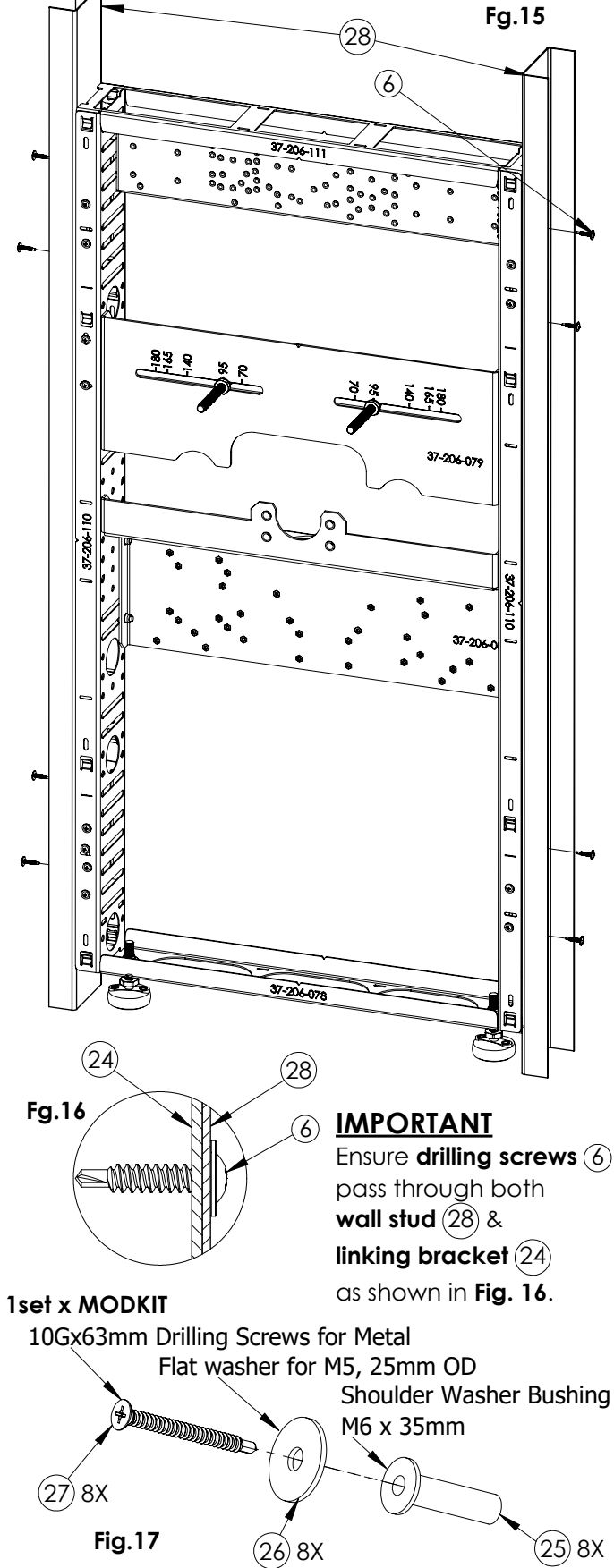
IMPORTANT
Ensure **drilling screws** (6) pass through both **frame** (1) & **linking bracket** (24) as shown in **Fig. 13**.

5. FITTING THE FRAME TO THE WALL STUDS

- i) If the wall stud orientation is as shown in **Fig.2**:
 - a) Use **MODKIT** (sold separately) shown in **Fig. 17**. Refer **Fig.14** & mark **H1** & **H2** on the **wall stud** (28).
 - b) Identify the **Regions A** & **B** and drill 4x dia. 9.5mm holes on **wall stud** (28) anywhere within the **Region A** & **Region B** as detailed in **Detail A** & **Detail B**.
 - c) Insert the **shoulder washer** (25), fit the **drill screw** (27) & the **flat washer** (26) as shown in **Detail A** & **Detail B**.



- iii) If the wall stud orientation is as shown in **fig. 3** on page 1:
Fit the **frame** (1) to the **wall studs** (28) using 8pcs **drilling screws** (6) as detailed in **fig.15** & **fig.16**.
- iv) If the wall stud orientation is as shown in **fig. 1** on page 1:
Follow step 5 (i) to fit the **frame** (1) to the 'open side' and step 5 (iii) to fit to the 'closed side' of the **wall studs** (28).



Basin

878700W, 878710W, 878800W, 878810W Urbane II Shelf WB

Trap

Short P-trap 102115
Modina bottle trap 687290C

ALL DIMS SHOWN ARE IN mm

With Modina bottle trap 687290C.

Only 99635F in-wall body kit is shown for reference.

Product codes	Description	Product codes	Description	Product codes	Description	Product codes	Description	Product codes	Description
In-wall body kit		In-wall body kit		In-wall body kit		In-wall body kit		In-wall body kit	
99635F	Caroma easyswitch universal wb/ bath mixer inwall body-LF	99682	Universal Rough-in Kit – Sensor Wall Outlet Tap	98469	Smart Command Etap Wall Outlet (no back plate) - Rough In Kit	9504632	ARDENT SINK BREECH 200C NO TAILS B_E	1456180	Rehau Edge Male Lugged Elbow 16mm x G1/2" (90)
Trim kit		Trim kit		Trim kit		Trim kit		Trim kit	
96348C6A	Liano II 175mm WB Trim Kit	96387C6A	Liano II sensor 175mm wall outlet tap - Trim Kit	98492C6A	CSC electronic wall outlet trim kit	G92880C4A	G Series+ Concealed Wall Sink Set (160mm outlet)	G53380C4A	G Series+ Exposed Wall Sink Set (160mm outlet)
96356C6A	Liano II 210mm WB Trim Kit	96389C6A	Liano II sensor 210mm wall outlet tap - Trim Kit			G92980C4A	G Series+ Concealed Wall Sink Set (200mm outlet)	G53480C4A	G Series+ Concealed Wall Sink Set (200mm outlet)
99638C6A	Urbane II 180mm WB Trim Kit	99675C6A	Urbane II sensor 180mm wall outlet						
99645C6A	Urbane II 220mm WB Trim Kit	99677C6A	Urbane II sensor 220mm wall outlet						

In-wall body depth
50-60

Wall thickness
30 max

208 ref
Urbane II

173 ref
Liano II

250

555

30-80 Height adjustable feet

830

Wall/ tile face

Finished floor

Screed

Concrete slab

In-wall body depth
50-60

Wall thickness
30 max

188 ref
Urbane II

153 ref
Liano II

250

555

30-80 Height adjustable feet

830

Wall/ tile face

Finished floor

Screed

Concrete slab

In-wall body depth
60-70

Wall thickness
30 max

144 ref

250

555

30-80 Height adjustable feet

830

Wall/ tile face

Finished floor

Screed

Concrete slab

In-wall body depth
60-70

Wall thickness
30 max

263 ref

175

555

30-80 Height adjustable feet

830

Wall/ tile face

Finished floor

Screed

Concrete slab

In-wall body depth
60-70

Wall thickness
30 max

329 ref

175

555

30-80 Height adjustable feet

830

Wall/ tile face

Finished floor

Screed

Concrete slab

In-wall body depth
50-60

Wall thickness
30 max

208 ref
Urbane II

173 ref
Liano II

250

555

30-80 Height adjustable feet

830

Wall/ tile face

Finished floor

Screed

Concrete slab

0-13

Wall/ tile face

12

Wall/ tile face

Wall thickness
30 max

Wall thickness
30 max

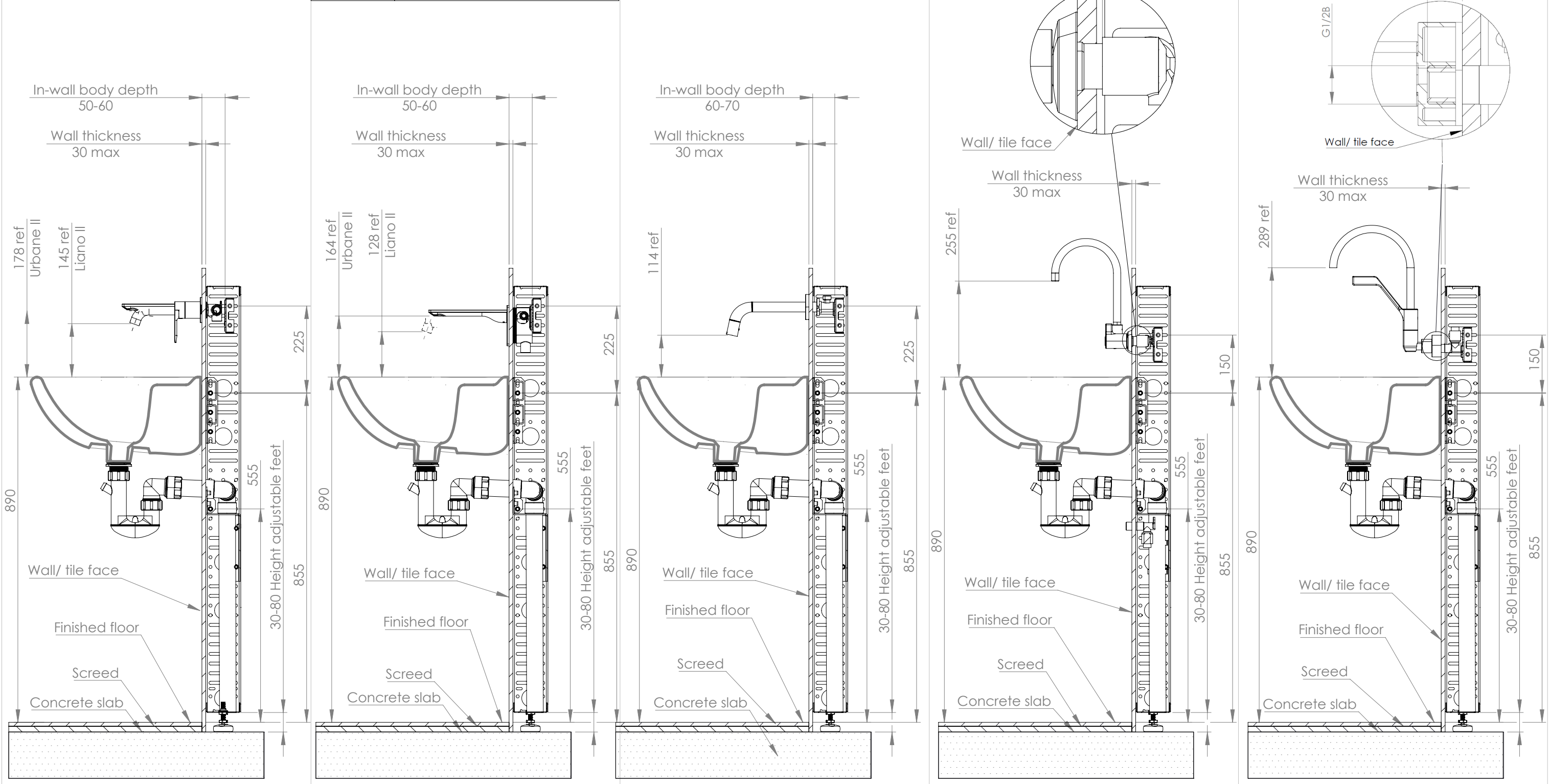
Installation instructions-MOD002 & MOD022, issue 1

4 of 12

Basin	639000W, 639030W, 639050W Caravelle WB
Trap	Long P trap 102112

ALL DIMS SHOWN ARE IN mm

Product codes	Description	Product codes	Description	Product codes	Description	Product codes	Description	Product codes	Description
In-wall body kit		In-wall body kit		In-wall body kit		In-wall body kit		In-wall body kit	
99635F	Caroma easyswitch universal wb/ bath mixer inwall body-LF	99682	Universal Rough-in Kit – Sensor Wall Outlet Tap	98469	Smart Command Etap Wall Outlet (no back plate) - Rough In Kit	9504632	ARDENT SINK BREECH 200C NO TAILS B_E	1456180	Rehau Edge Male Lugged Elbow 16mm x G1/2" (90)
Trim kit		Trim kit		Trim kit		Trim kit		Trim kit	
96348C6A	Liano II 175mm WB Trim Kit	96387C6A	Liano II sensor 175mm wall outlet tap - Trim Kit	98492C6A	CSC electronic wall outlet trim kit	G92880C4A	G Series+ Concealed Wall Sink Set (160mm outlet)	G53380C4A	G Series+ Exposed Wall Sink Set (160mm outlet)
96356C6A	Liano II 210mm WB Trim Kit	96389C6A	Liano II sensor 210mm wall outlet tap - Trim Kit			G92980C4A	G Series+ Concealed Wall Sink Set (200mm outlet)	G53480C4A	G Series+ Concealed Wall Sink Set (200mm outlet)
99638C6A	Urbane II 180mm WB Trim Kit	99675C6A	Urbane II sensor 180mm wall outlet						
99645C6A	Urbane II 220mm WB Trim Kit	99677C6A	Urbane II sensor 220mm wall outlet						

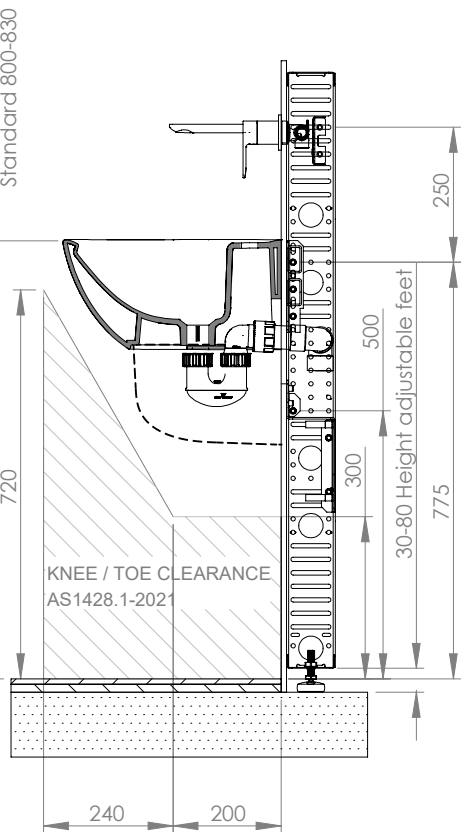
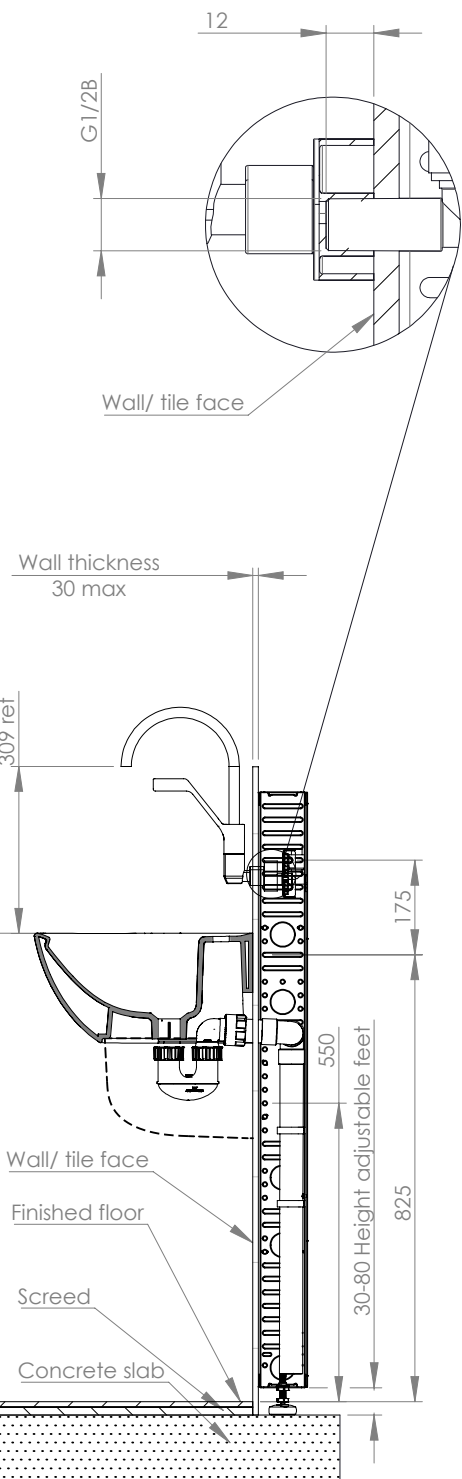
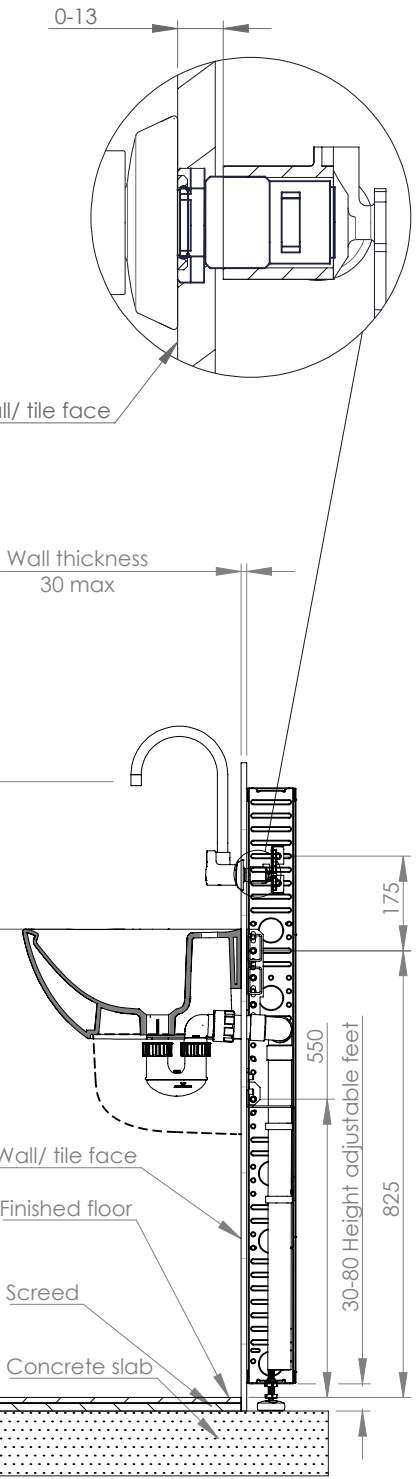
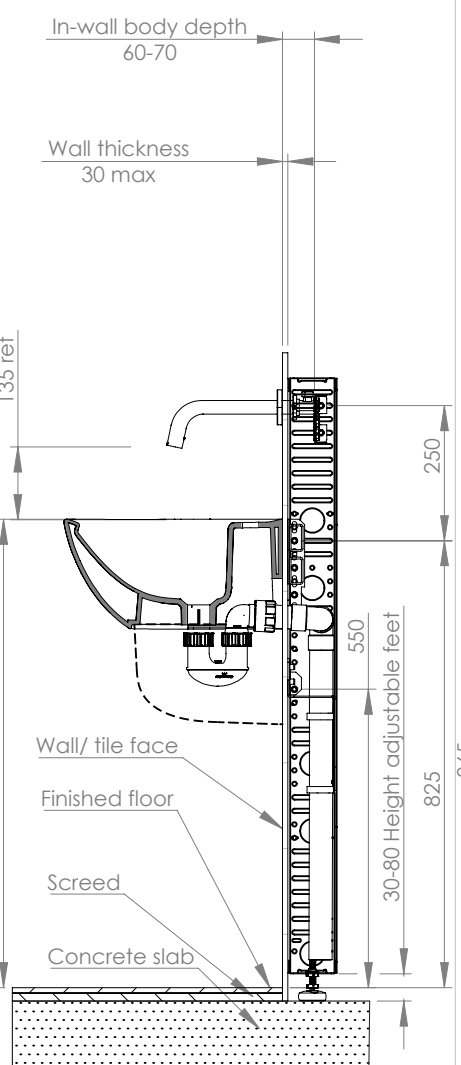
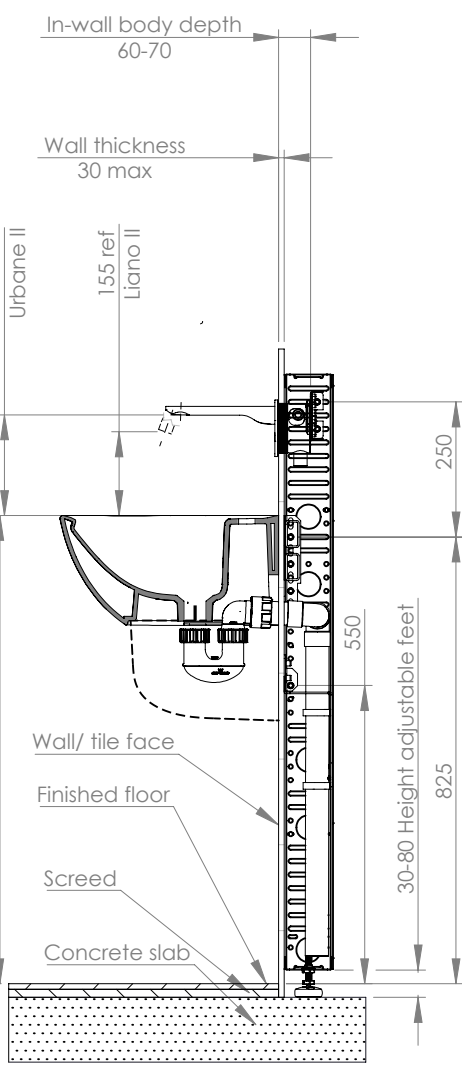
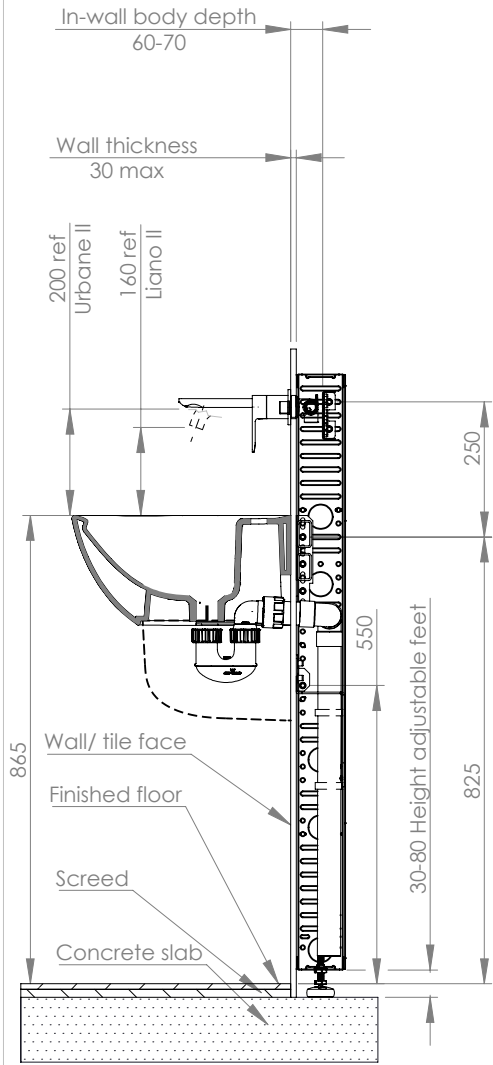


Basin	873200W, 873210W Care 500 WB Shelf WB 873110W, 873100W Care 600 WB Shelf WB 873300W, 873330W, 873400W Care 700 WB Shelf WB
Trap	Short P-trap 102115

ALL DIMS SHOWN ARE IN mm

Product codes	Description	Product codes	Description	Product codes	Description	Product codes	Description	Product codes	Description
In-wall body kit		In-wall body kit		In-wall body kit		In-wall body kit		In-wall body kit	
99635F	Caroma easyswitch universal wb/ bath mixer inwall body-LF	99682	Universal Rough-in Kit – Sensor Wall Outlet Tap	98469	Smart Command Etap Wall Outlet (no back plate) - Rough In Kit	9504632	9504632 ARDENT SINK BREECH 200C NO TAILS B_E	1456180	Rehau Edge Male Lugged Elbow 16mm x G1/2" (90)
Trim kit		Trim kit		Trim kit		Trim kit		Trim kit	
96348C6A	Liano II 175mm WB Trim Kit	96387C6A	Liano II sensor 175mm wall outlet tap - Trim Kit	Trim kit		G92880C4A	G Series+ Concealed Wall Sink Set (160mm outlet)	G53380C4A	G Series+ Exposed Wall Sink Set (160mm outlet)
96356C6A	Liano II 210mm WB Trim Kit	96389C6A	Liano II sensor 210mm wall outlet tap - Trim Kit	98492C6A	CSC electronic wall outlet trim kit	G92980C4A	G Series+ Concealed Wall Sink Set (200mm outlet)	G53480C4A	G Series+ Concealed Wall Sink Set (200mm outlet)
99638C6A	Urbane II 180mm WB Trim Kit	99675C6A	Urbane II sensor 180mm wall outlet						
99645C6A	Urbane II 220mm WB Trim Kit	99677C6A	Urbane II sensor 220mm wall outlet						

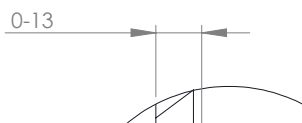
Only 99635F in-wall body kit with Urbane II 180mm WB Trim Kit is shown for reference.



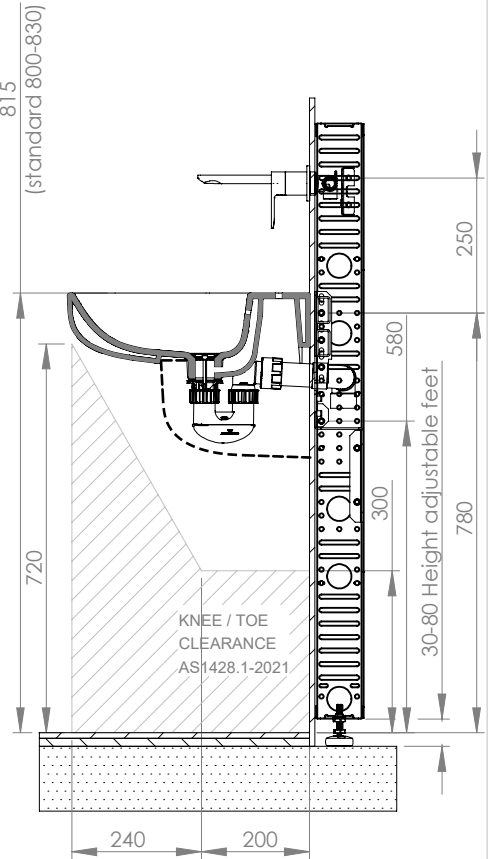
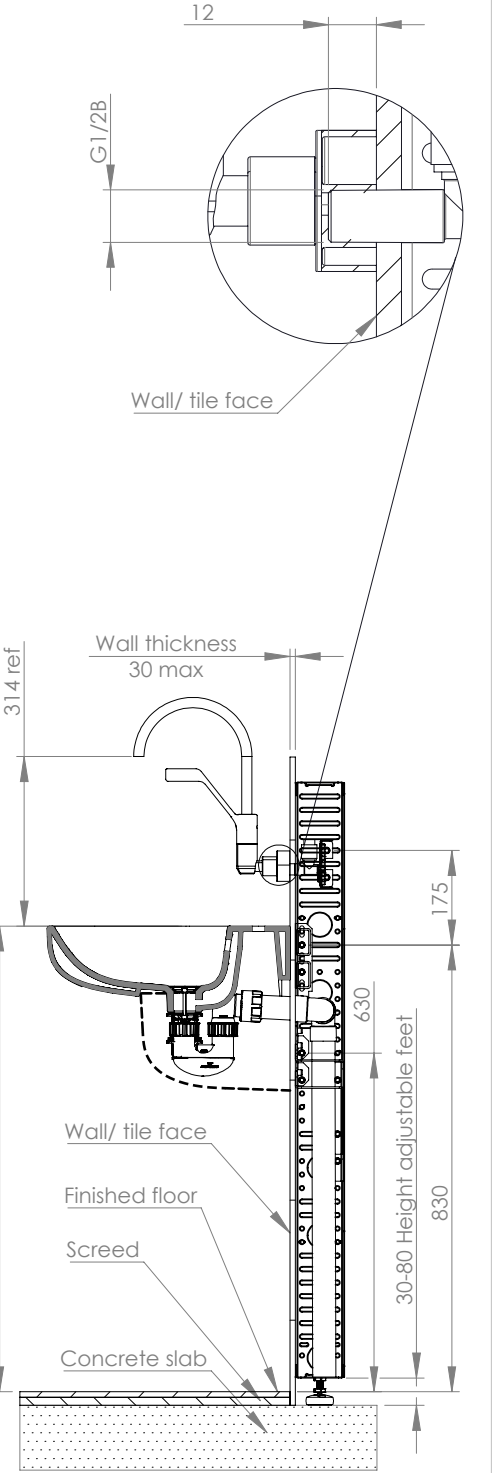
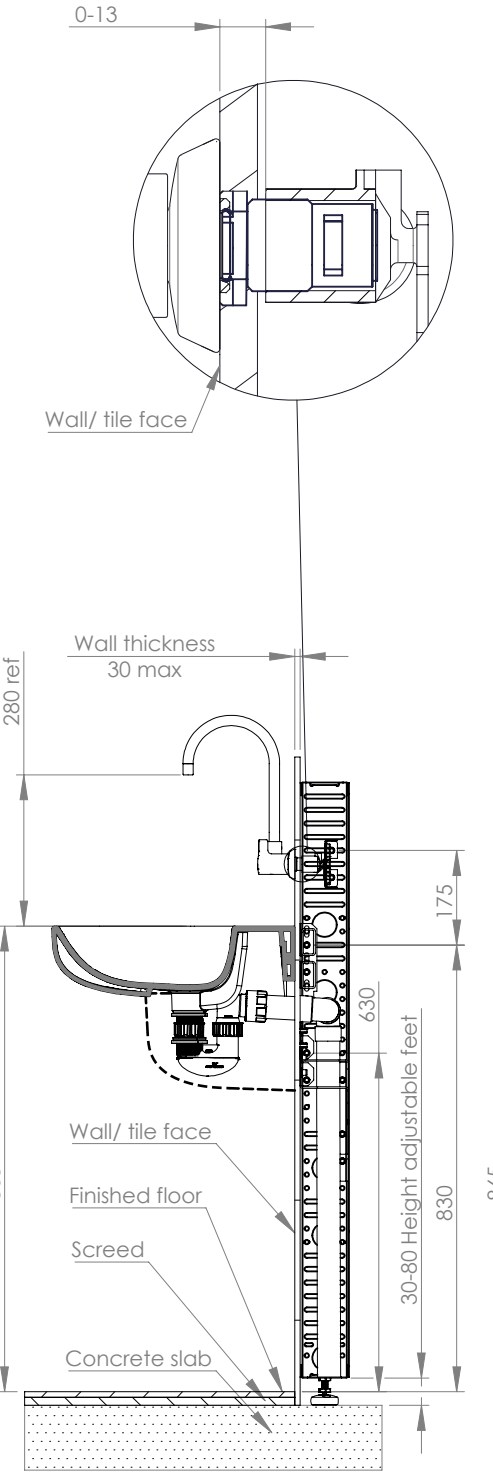
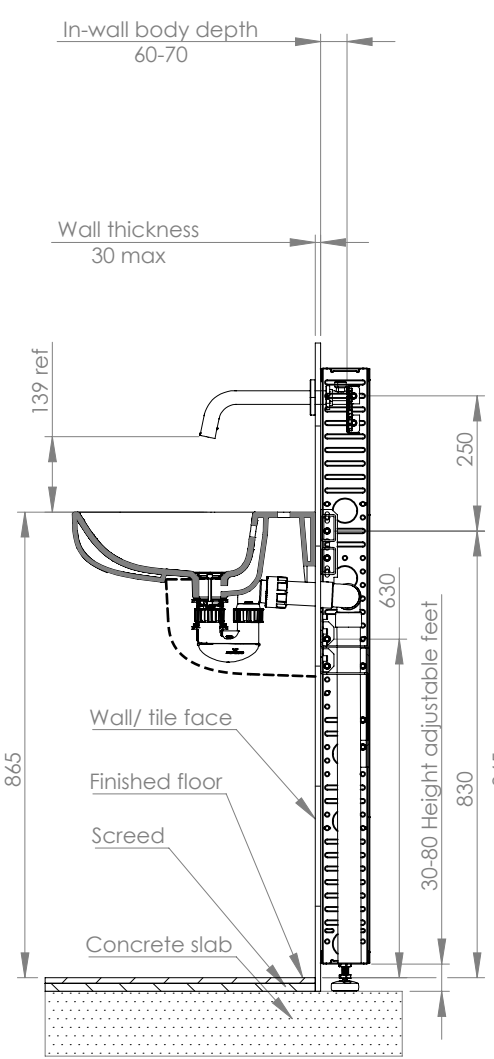
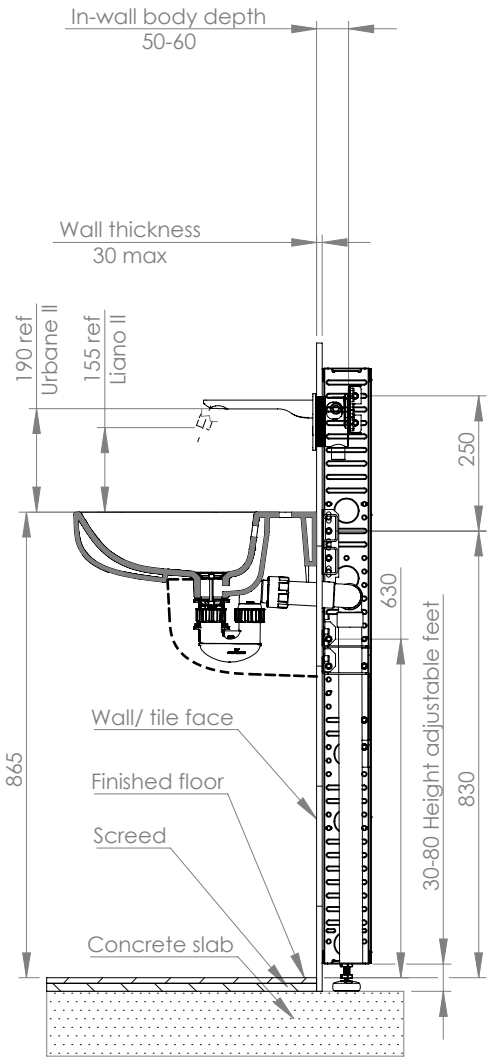
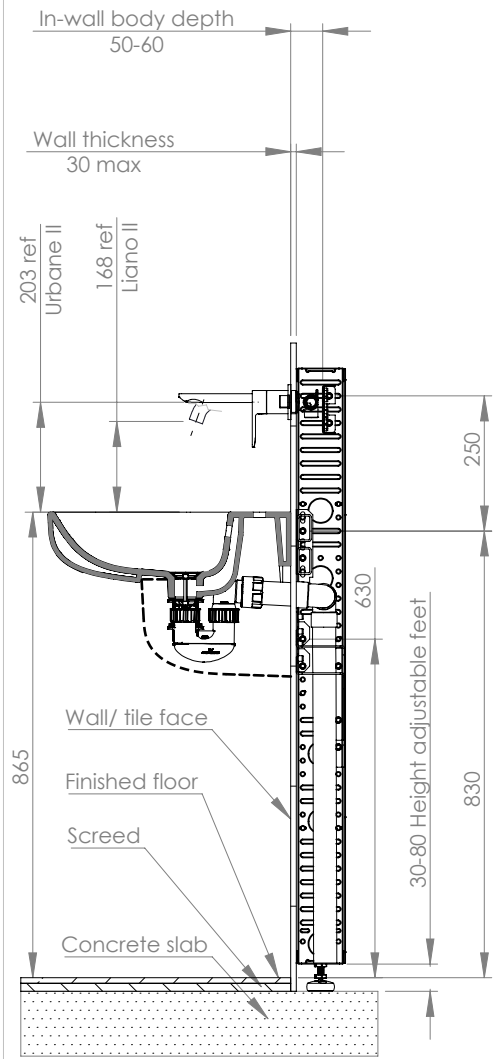
				Basin Trap	864205W, 864115W, 864215W, 864105W Cube Extension WB Modina bottle trap 687290C	ALL DIMS SHOWN ARE IN mm			
Product codes	Description	Product codes	Description	Product codes	Description	Product codes	Description	Product codes	Description
In-wall body kit		In-wall body kit		In-wall body kit		In-wall body kit		In-wall body kit	
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Trim kit		Trim kit		Trim kit		Trim kit		Trim kit	
96348C6A	Liano II 175mm WB Trim Kit	96387C6A	Liano II sensor 175mm wall outlet tap - Trim Kit	98492C6A	CSC electronic wall outlet trim kit	G92880C4A	G Series+ Concealed Wall Sink Set (160mm outlet)	G53380C4A	G Series+ Exposed Wall Sink Set (160mm outlet)
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99645C6A	Urbane II 220mm WB Trim Kit	99677C6A	Urbane II sensor 220mm wall outlet						

Basin	632630W, 632610W, 632600W Opal 510 WB
Trap	Short P-trap 102115

ALL DIMS SHOWN ARE IN mm

Product codes	Description	Product codes	Description	Product codes	Description	Product codes	Description	Product codes	Description
In-wall body kit		In-wall body kit		In-wall body kit		In-wall body kit		In-wall body kit	
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Trim kit						Trim kit		Trim kit	
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96356C6A	Liano II 210mm WB Trim Kit					Trim kit		G92980C4A	G Series+ Concealed Wall Sink Set (200mm outlet)
99638C6A	Urbane II 180mm WB Trim Kit	96389C6A	Liano II sensor 210mm wall outlet tap - Trim Kit	98492C6A	CSC electronic wall outlet trim kit				
99645C6A	Urbane II 220mm WB Trim Kit	99675C6A	Urbane II sensor 180mm wall outlet						
		99677C6A	Urbane II sensor 220mm wall outlet						

Only 99635F in-wall body kit with Urbane II 180mm WB Trim Kit is shown for reference.



Basin	633605W, 633615W Cubus WB
Trap	Long P trap 102112

ALL DIMS SHOWN ARE IN mm

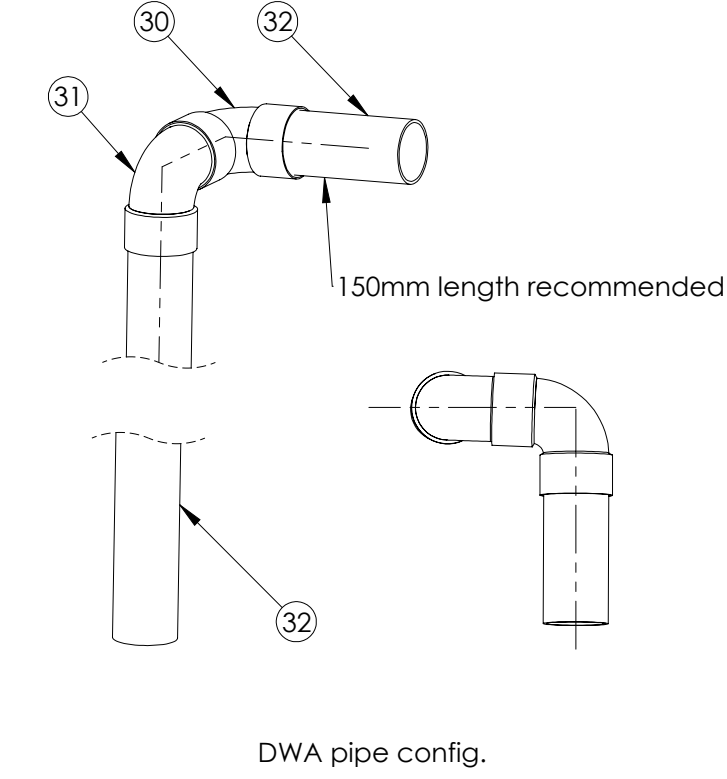
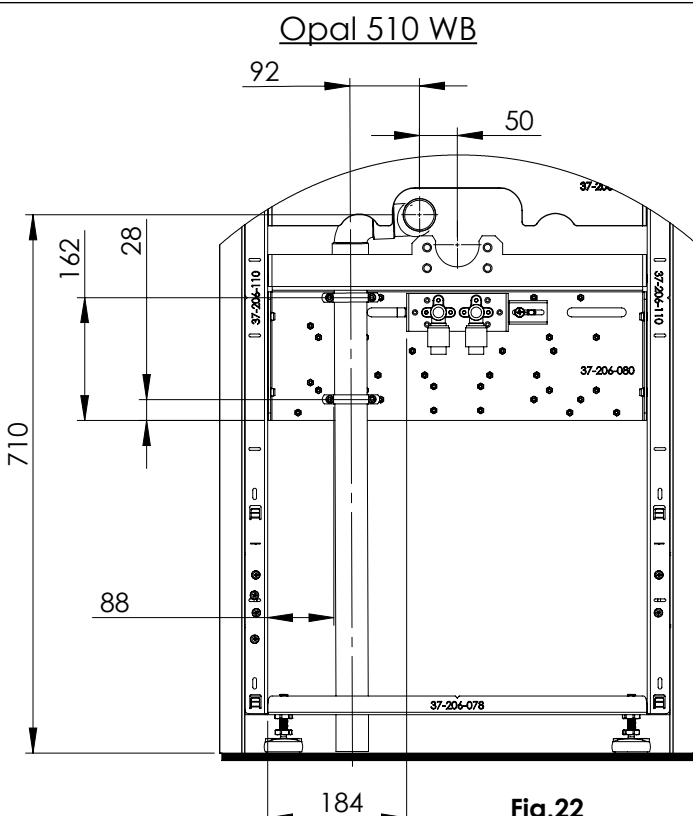
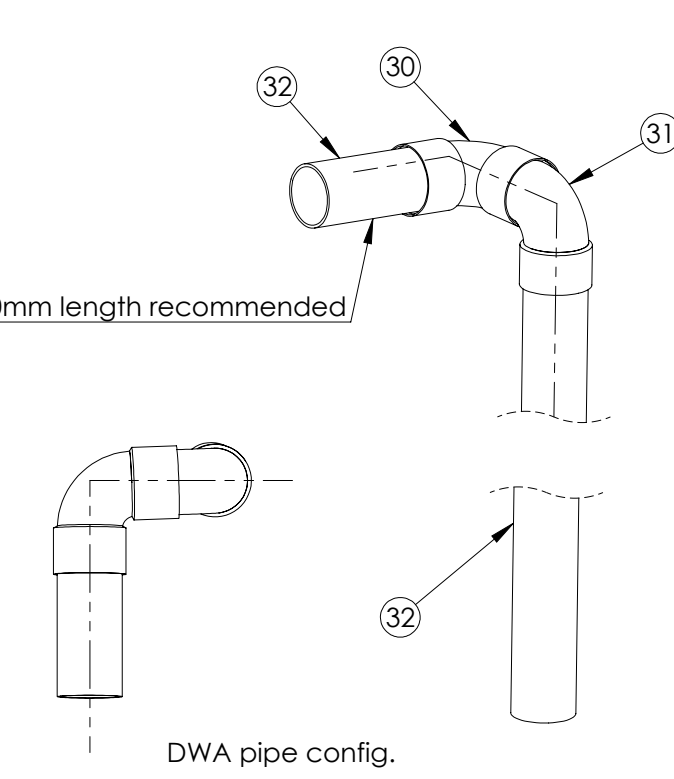
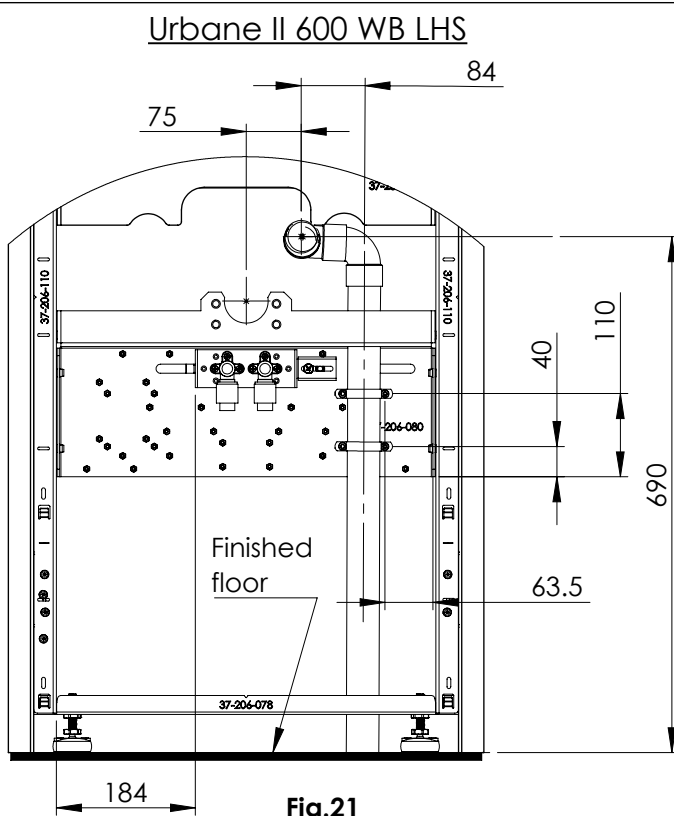
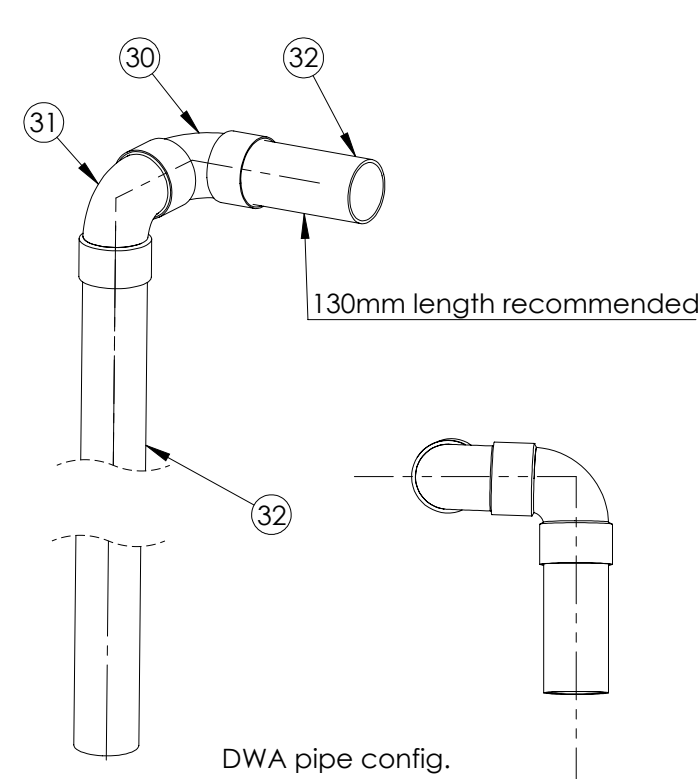
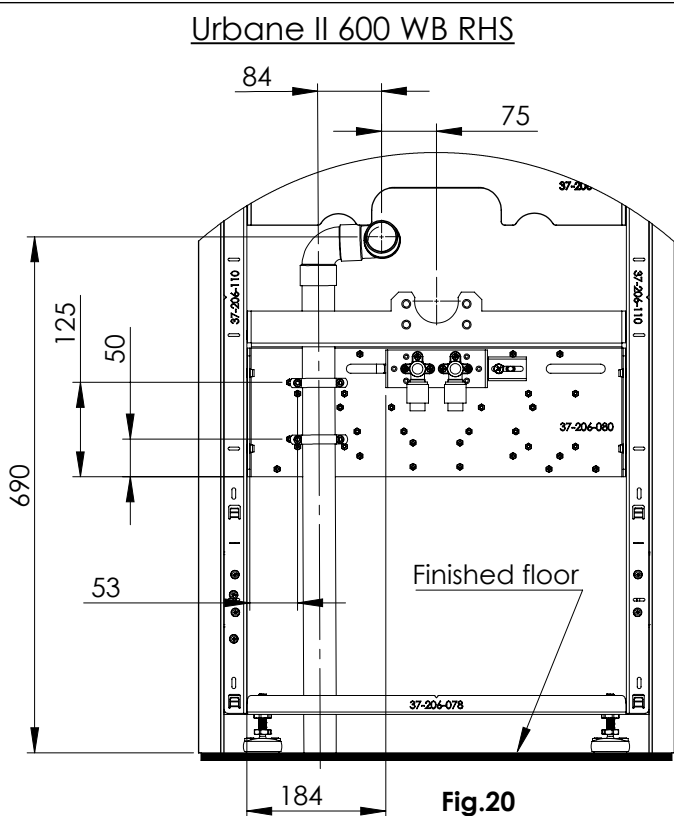
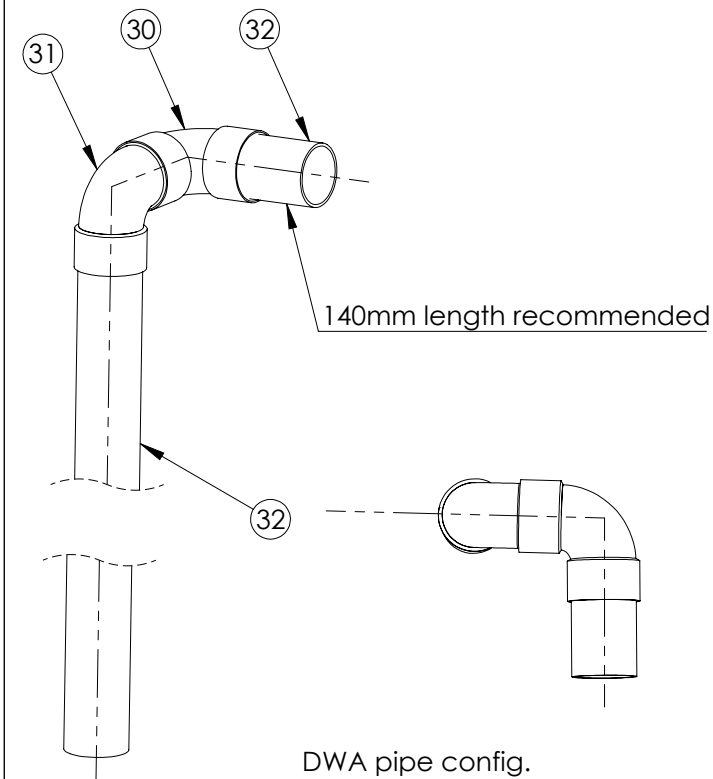
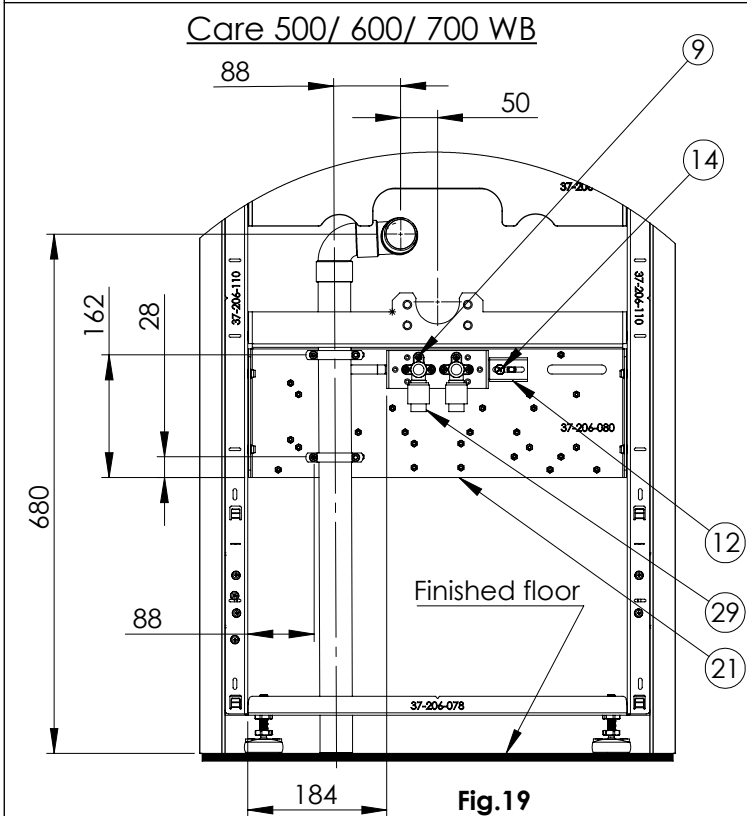
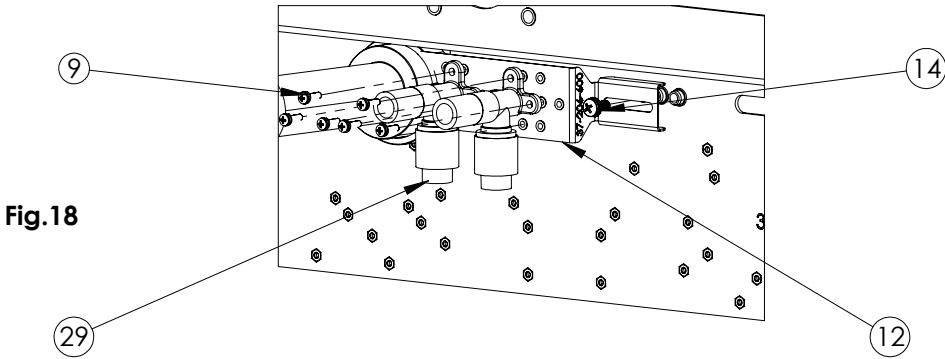
Product codes	Description	Product codes	9	Product codes	Description	Product codes	Description	Product codes	Description
In-wall body kit		In-wall body kit		In-wall body kit		In-wall body kit		In-wall body kit	
99635F	Caroma easyswitch universal wb/ bath mixer inwall body-LF	99682	Universal Rough-in Kit – Sensor Wall Outlet Tap	98469	Smart Command Etap Wall Outlet (no back plate) - Rough In Kit	9504632	ARDENT SINK BREECH 200C NO TAILS B_E	1456180	Rehau Edge Male Lugged Elbow 16mm x G1/2" (90)
Trim kit		Trim kit		Trim kit		Trim kit		Trim kit	
96348C6A	Liano II 175mm WB Trim Kit	96387C6A	Liano II sensor 175mm wall outlet tap - Trim Kit			G92880C4A	G Series+ Concealed Wall Sink Set (160mm outlet)	G53380C4A	G Series+ Exposed Wall Sink Set (160mm outlet)
96356C6A	Liano II 210mm WB Trim Kit			98492C6A	CSC electronic wall outlet trim kit	G92980C4A	G Series+ Concealed Wall Sink Set (200mm outlet)	G53480C4A	G Series+ Concealed Wall Sink Set (200mm outlet)
99638C6A	Urbane II 180mm WB Trim Kit	96389C6A	Liano II sensor 210mm wall outlet tap - Trim Kit						
99645C6A	Urbane II 220mm WB Trim Kit								
		99675C6A	Urbane II sensor 180mm wall outlet						
		99677C6A	Urbane II sensor 220mm wall outlet						

5. DWV PIPE/ BOTTLE TRAP FITTING

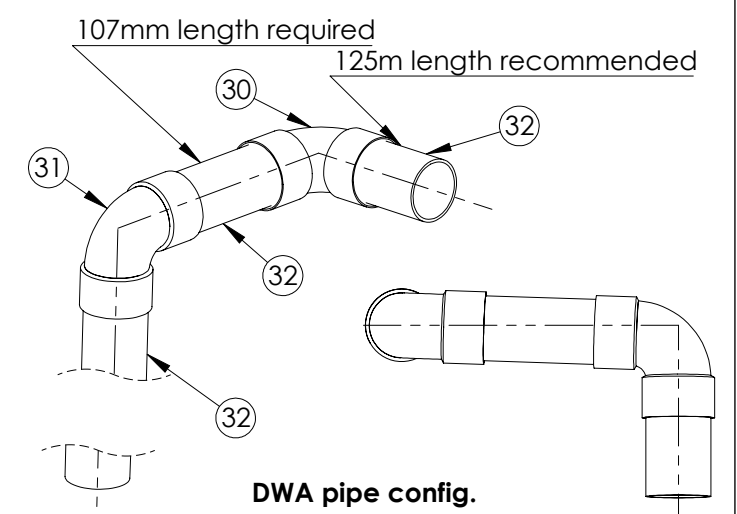
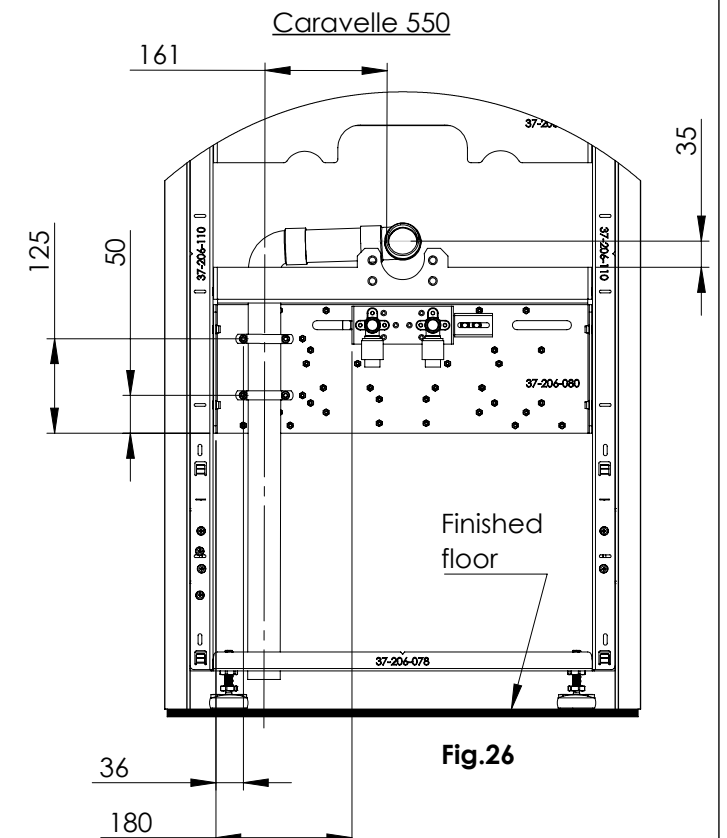
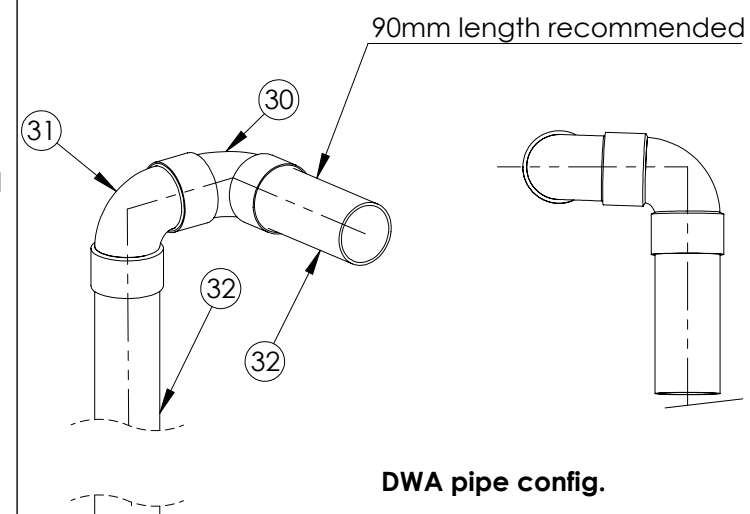
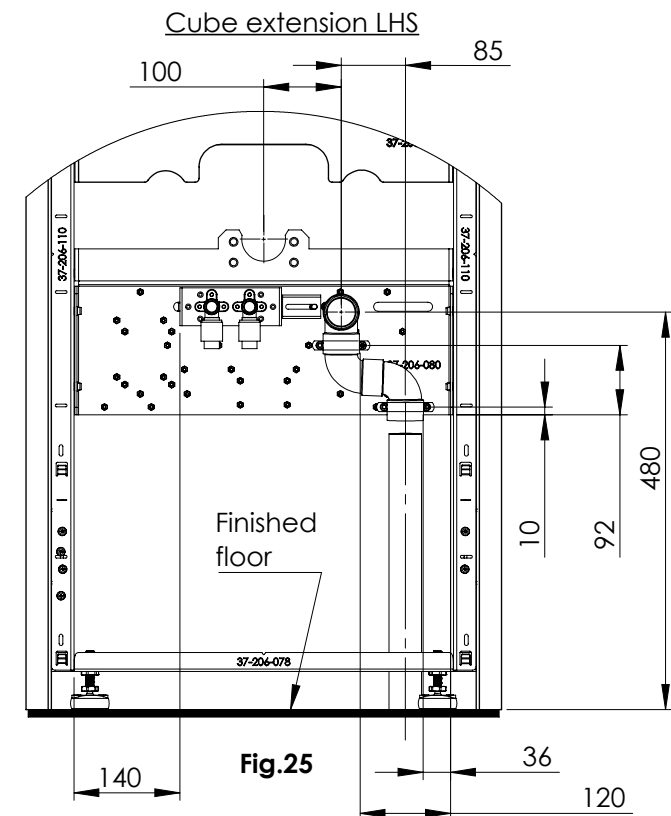
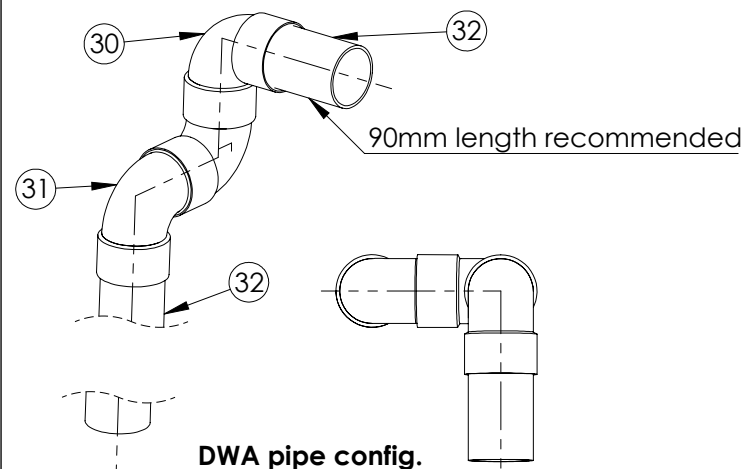
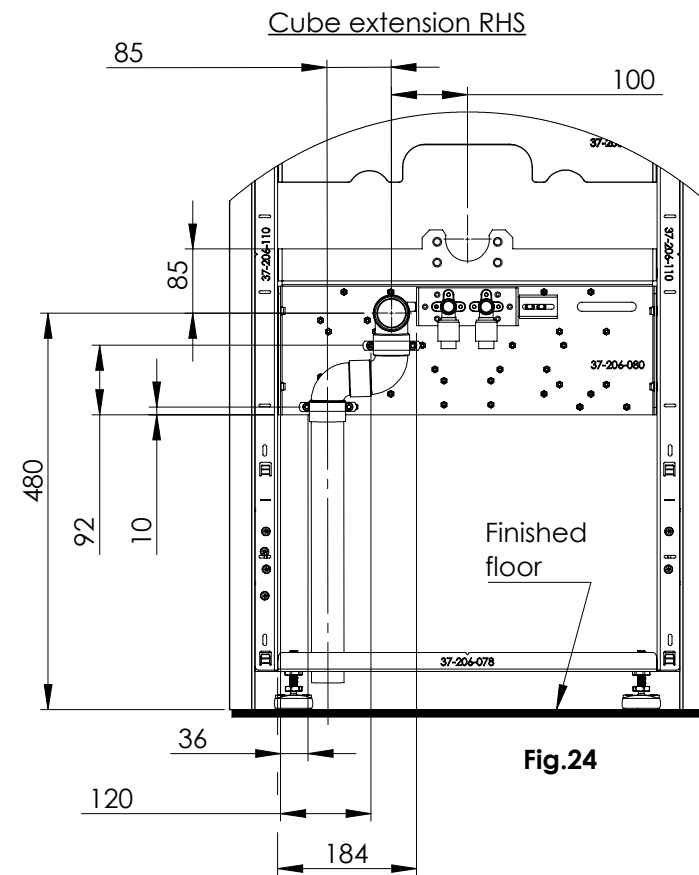
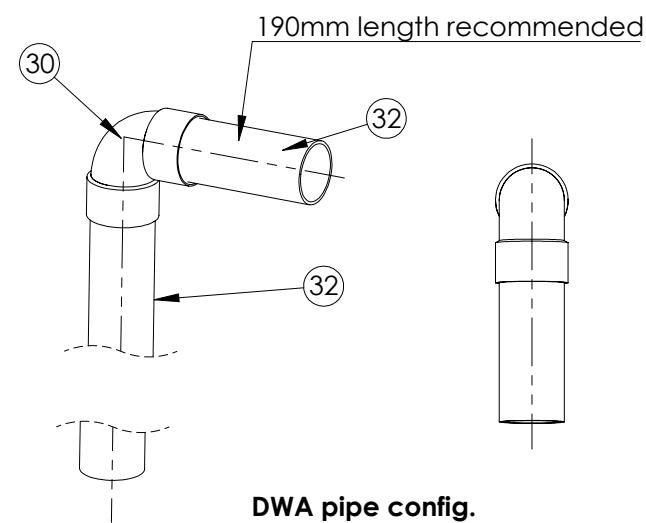
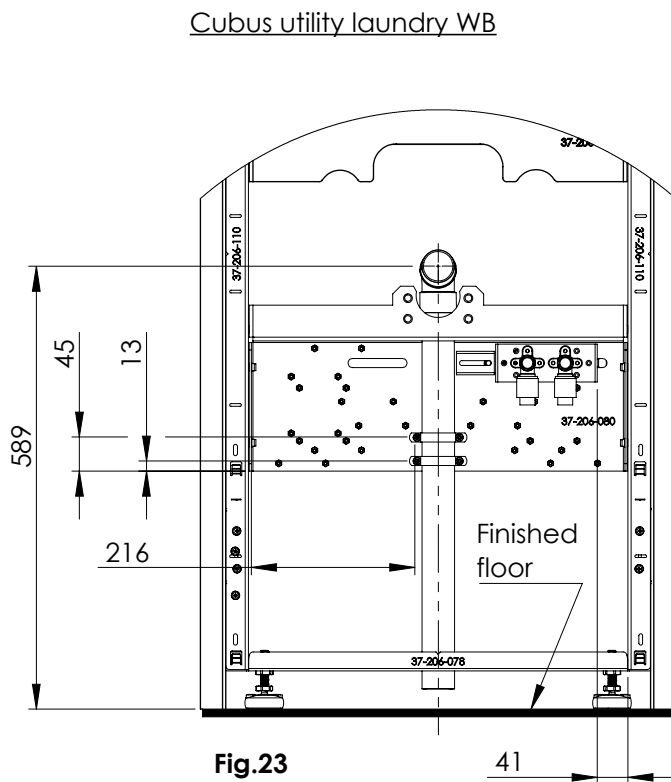
- i) Based on the basin being mounted, configure the DWV pipes as detailed below in Fig.19 to Fig.26
- a) Fit two saddle clips (13) with 2pcs M4x5 screws (10) to secure the DWV pipes.
 - b) Install REHAU elbow mounting bracket (12) on shroud mounting bracket (21) and secure it in place with M6x16 screw (14).
 - c) Fit REHAU elbows (29) (not supplied) on elbow mounting bracket (12) & secure with 6pcsx M4x16 screws (9) as detailed in Fig.18

	40mm 88° Female And Female PVC DWV Plain Bend	40mm 88° Female And Male PVC DWV Plain Bend	40mm Straight PVC DWV Pipe
Item number	30	31	32

Table 4

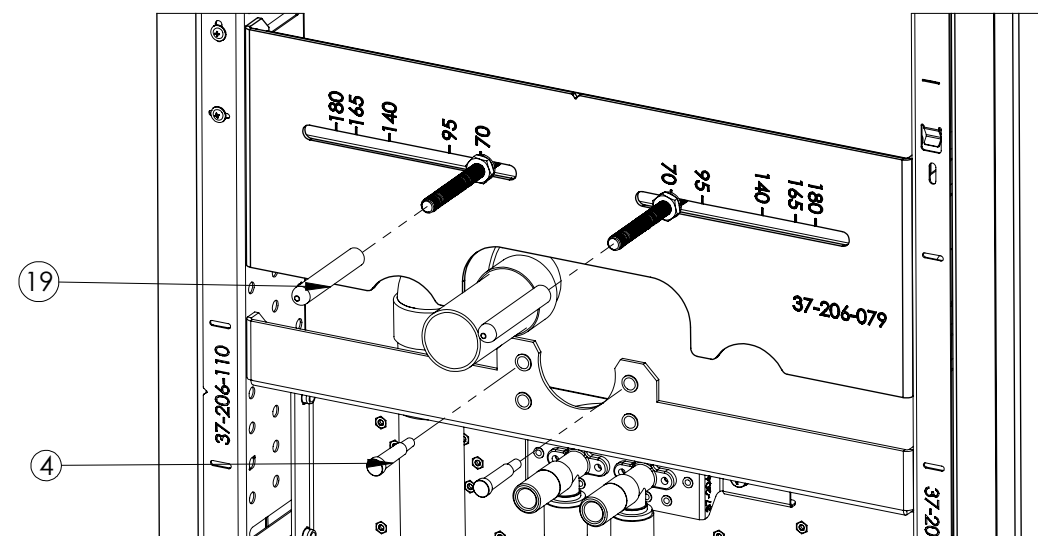


6. DWV PIPE/ BOTTLE TRAP FITTING (cont....)



7. PROTECTION CAP/ SHOULDER CAP FITTING

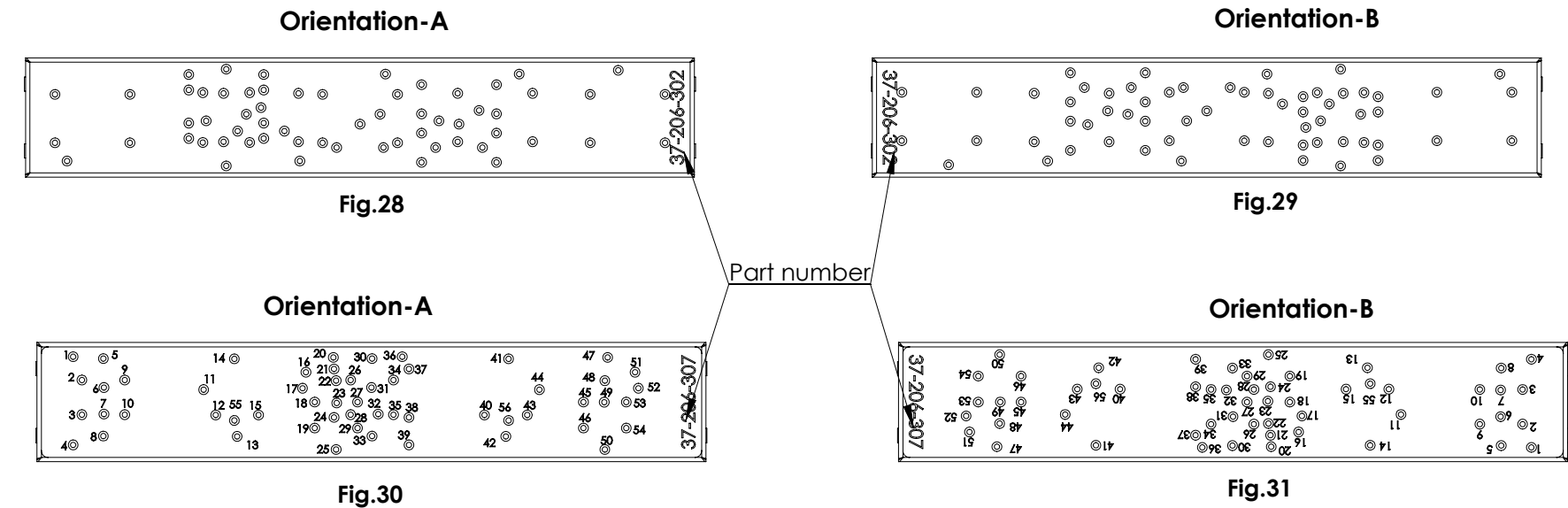
- Fit 2pcs **thread protection caps** (19) on **M10 bolts** (17).
- If the wall basin has a shroud then fit the 50mm **shoulder plugs** (4) on the shroud bracket mounting points.
- Keep the above fitted **thread protection caps** (19) & **shoulder plugs** (4) on the frame till the masonry work is completed.



8. TAPWARE INSTALLATION

- i) Refer **Table 5** & **Table 6** to identify the tapware mounting holes on **tapware mounting bracket** (15) for the supporting in-wall body kits.
- ii) Fit the in-wall body kit to the **tapware mounting bracket** (15) using **M4 screws** (9) or (16).

Table 5



9. WALL BASIN & SHROUD INSTALLATION

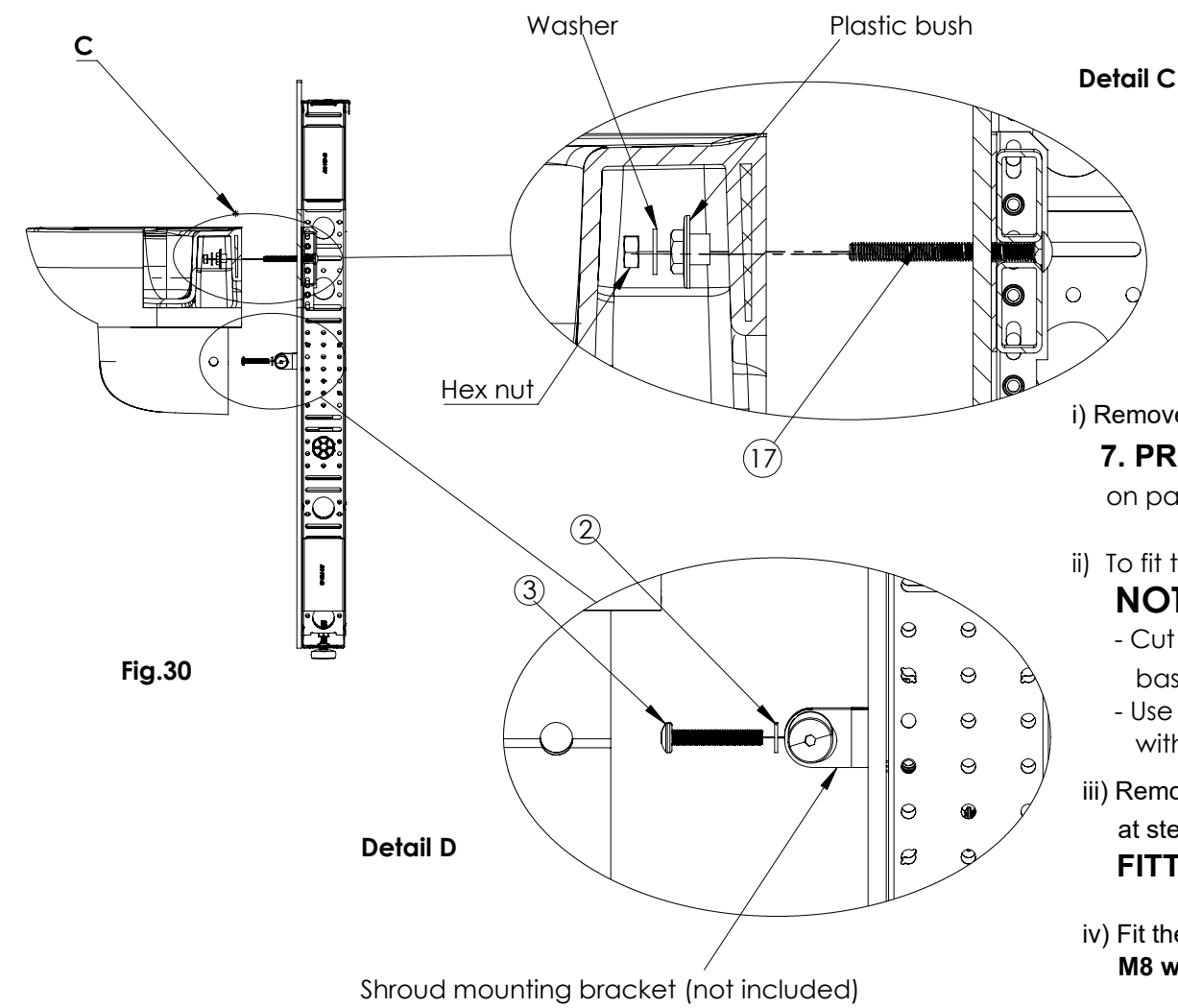


Table 6

BASIN	TAPWARE ON 37-206-307					
	G Series + Concealed Wall Sink Set	Bracket orientation - see fig. 30 & 31	G Series + Exposed Wall Sink Set	Bracket orientation - see fig. 30 & 31	Roughing kit 99683 for soap dispenser	Bracket orientation - see fig. 30 & 31
CARE 500/600/700	11, 14, 41, 44	A	12, 13, 15, 40, 42, 43	A	32, 33, 36	B
Urbane II 500	11, 14, 41, 44	A	12, 13, 15, 40, 42, 43	A	32, 33, 36	B
Urbane II 600 RHS	17, 23, 49, 52	B	18, 22, 27, 45, 48, 53	B	44, 46, 49	B
Urbane II 600 LHS	16, 20, 47, 51	A	19, 25, 29, 46, 50, 54	A	17, 23, 26	B
Opal 510	11, 14, 41, 44	A	12, 13, 15, 40, 42, 43	A	32, 33, 36	B
Cubus Utility	11, 14, 41, 44	A	12, 13, 15, 40, 42, 43	A	32, 33, 36	B
Cube extension RHS	4, 7, 32, 39	A	3, 8, 10, 28, 33, 35	A	17, 23, 26	A
Cube extension LHS	1, 6, 31, 36	B	2, 5, 9, 26, 30, 34	B	10, 13, 18	B
Caravelle 550	11, 14, 41, 44	A	12, 13, 15, 40, 42, 43	A	32, 33, 36	B

- i) Remove the protection caps (19) from M10 bolts fitted at step 7. **PROTECTION CAP/ SHOULDER CAP FITTING** on page 11.
- ii) To fit the basin, refer basin installation instructions.
- NOTE:**
- Cut the M10 bolt (17) to the length called in the basin installation instructions.
 - Use only the plastic bush, washer & fixing nut comes with D200 kit to fit the basin as shown in **Detail C**.
- iii) Remove the **shoulder plugs** (4) from M8 thread inserts fitted at step 7. **PROTECTION CAP/ SHOULDER CAP FITTING** on page 11.
- iv) Fit the shroud mounting bracket (not supplied) using 2pcs **M8 washers** (2) & **M8 screws** (3) as shown in **Detail D**.
- v) To fit the shroud, refer shroud installation instructions.