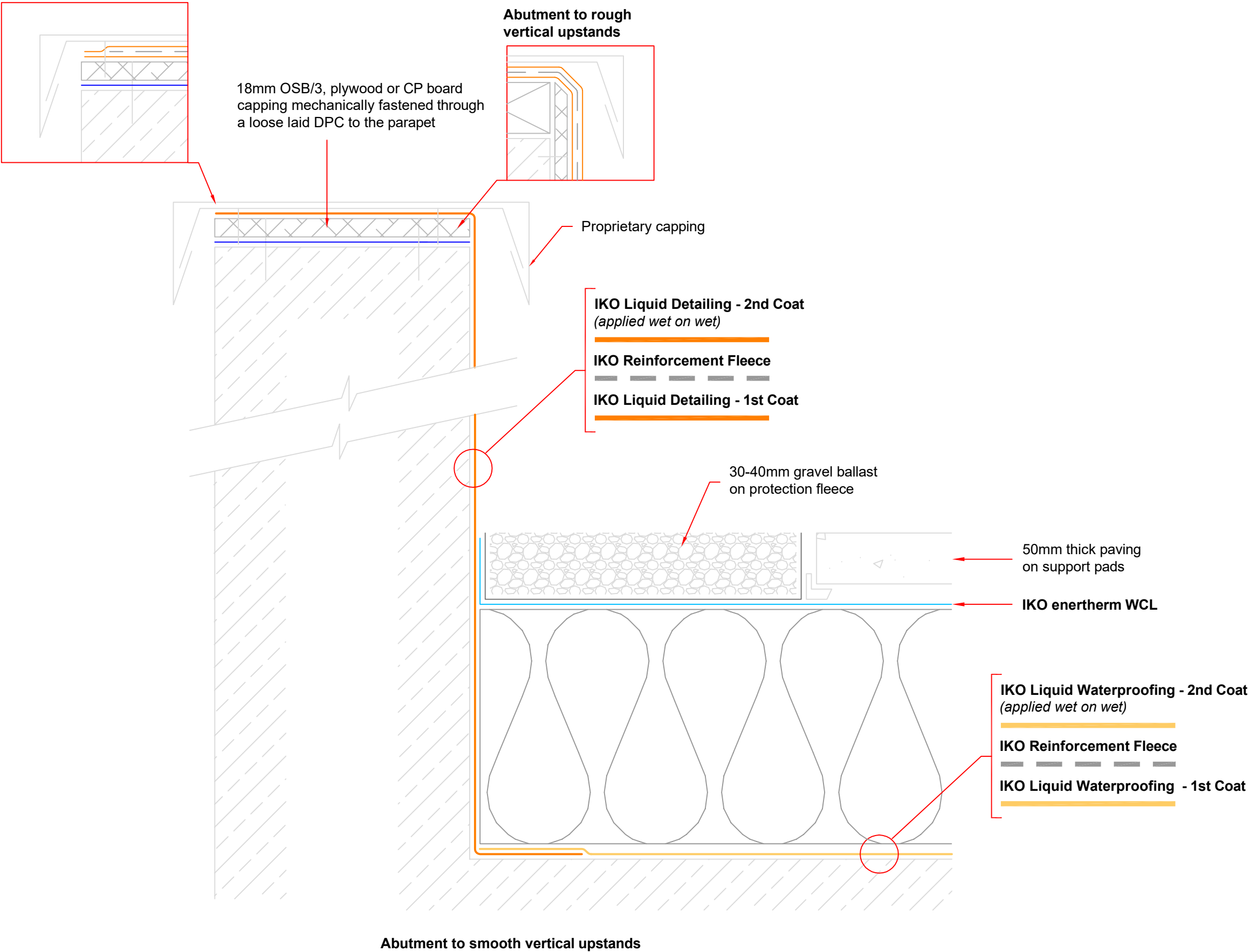




PARAPET - Proprietary Capping

Remove any cavity tray from within the parapet, which directs water internally to the roof area. Care should be taken not to bridge over any DPC/Cavity tray when installing the new waterproofing system.

Apply an 18mm OSB/3, plywood or CP board panel, to the top of the parapet, over a loose laid DPC and to the vertical face of the parapet secured by mechanical fixings.

Prime all timber surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in timber panels with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified, apply Waterproofing Finish at details to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Install/ replace proprietary capping system, in accordance with manufacturers' recommendations.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

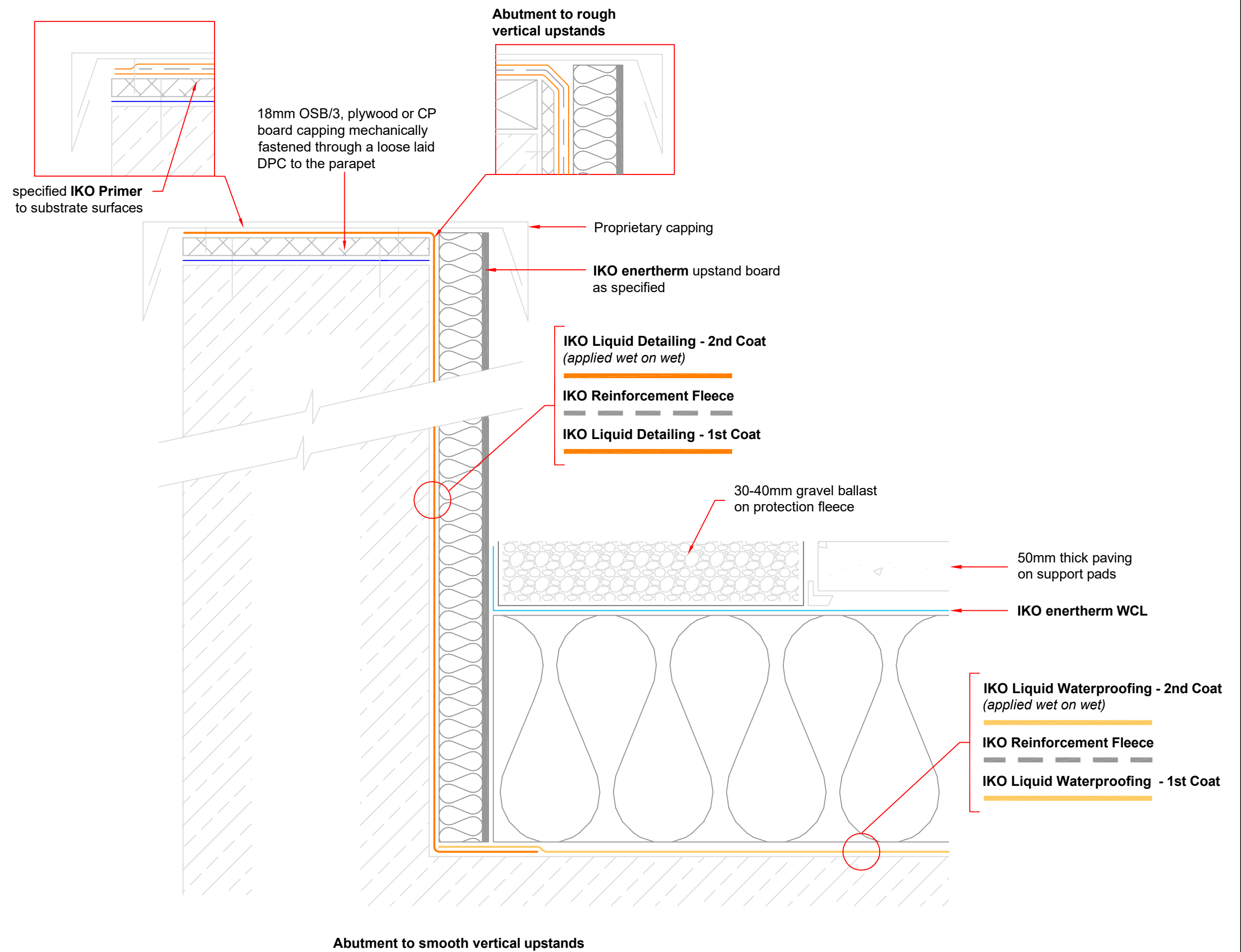
All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PARAPET - Proprietary Capping		DWG No: A7		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



PARAPET - Proprietary Capping with insulated upstand

Remove any cavity tray from within the parapet, which directs water internally to the roof area. Care should be taken not to bridge over any DPC/Cavity tray when installing the new waterproofing system.

Apply an 18mm OSB/3, plywood or CP board panel, to the top of the parapet, over a loose laid DPC and to the vertical face of the parapet secured by mechanical fixings.

Prime all timber surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in timber panels with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified, apply Waterproofing Finish at details to cured waterproofing (*not indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Install/ replace proprietary capping system, in accordance with manufacturers' recommendations.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

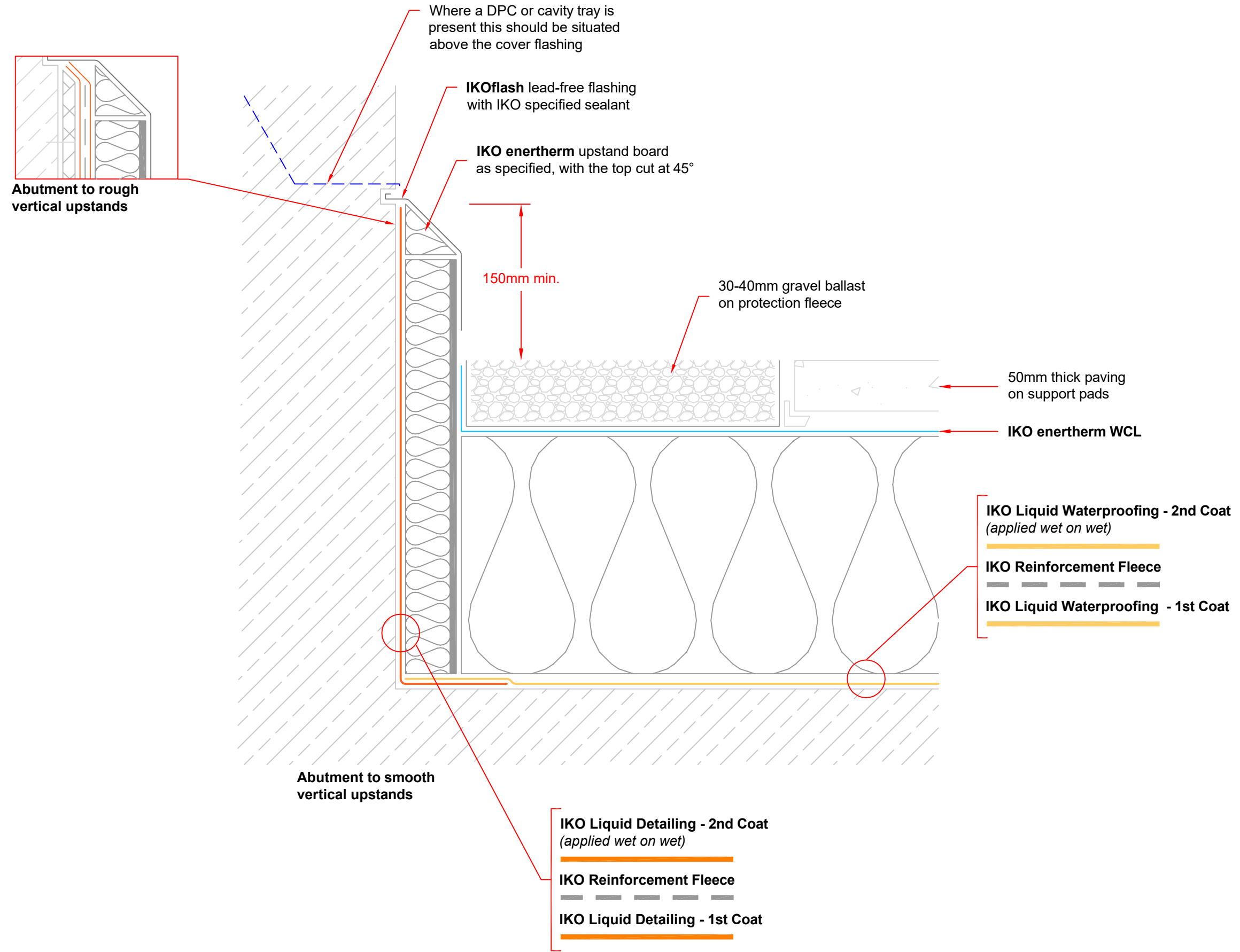
All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PARAPET - Proprietary Capping with insulated upstand		Dwg No: A8		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



UPSTAND - Cover Flashing

Rough upstand surfaces must be boarded out with OSB/3, plywood or CP board panel mechanically fixed to provide a smooth surface for the liquid waterproofing.

Carefully rake/cut out the joint to a depth of not less than 25mm, at a height of 150mm minimum above the finished roof level. The chase should be below the level of any DPC or cavity tray.

Prime any surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in substrate panels with **IKOpro BRIDGING TAPE**.

Prime existing surfaces with the specified **IKO PRIMER** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified, apply Waterproofing Finish at details to cured waterproofing (not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Use masking tape to provide a neat finish, removing the masking tape before the liquid has cured.

Provide **IKOFLASH LEAD FREE FLASHING** to the provided chase lengths not exceeding 1.5m ensuring end laps are not less than 100mm & that a minimum cover of 75mm is provided to the upstand.

The chase should then be pointed with a one or two part polysulphide sealant or IKO specified sealant.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level (Including any additional finishes).

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: UPSTAND - Cover Flashing		DWG No: B1		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	

This detail is only appropriate for upstand's where it is not possible to cut a chase for a separate cover flashing, such as reinforced concrete upstand's. The mastic seal to the top edge of the termination bar must be inspected regularly as part of the regular roof maintenance schedule and renewed as required.



Rough upstand surfaces must be boarded out with OSB/3, plywood or CP board panel mechanically fixed to provide a smooth surface for the liquid waterproofing.

Prime any surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in substrate panels with **IKopro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

Use masking tape to provide a neat finish, removing the masking tape before the liquid has cured.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level (Including any additional finishes).

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

IKO flexia
Liquid waterproofing

STANDARD DETAIL

UPSTAND - Termination Bar - with insulated upstand

March 2024

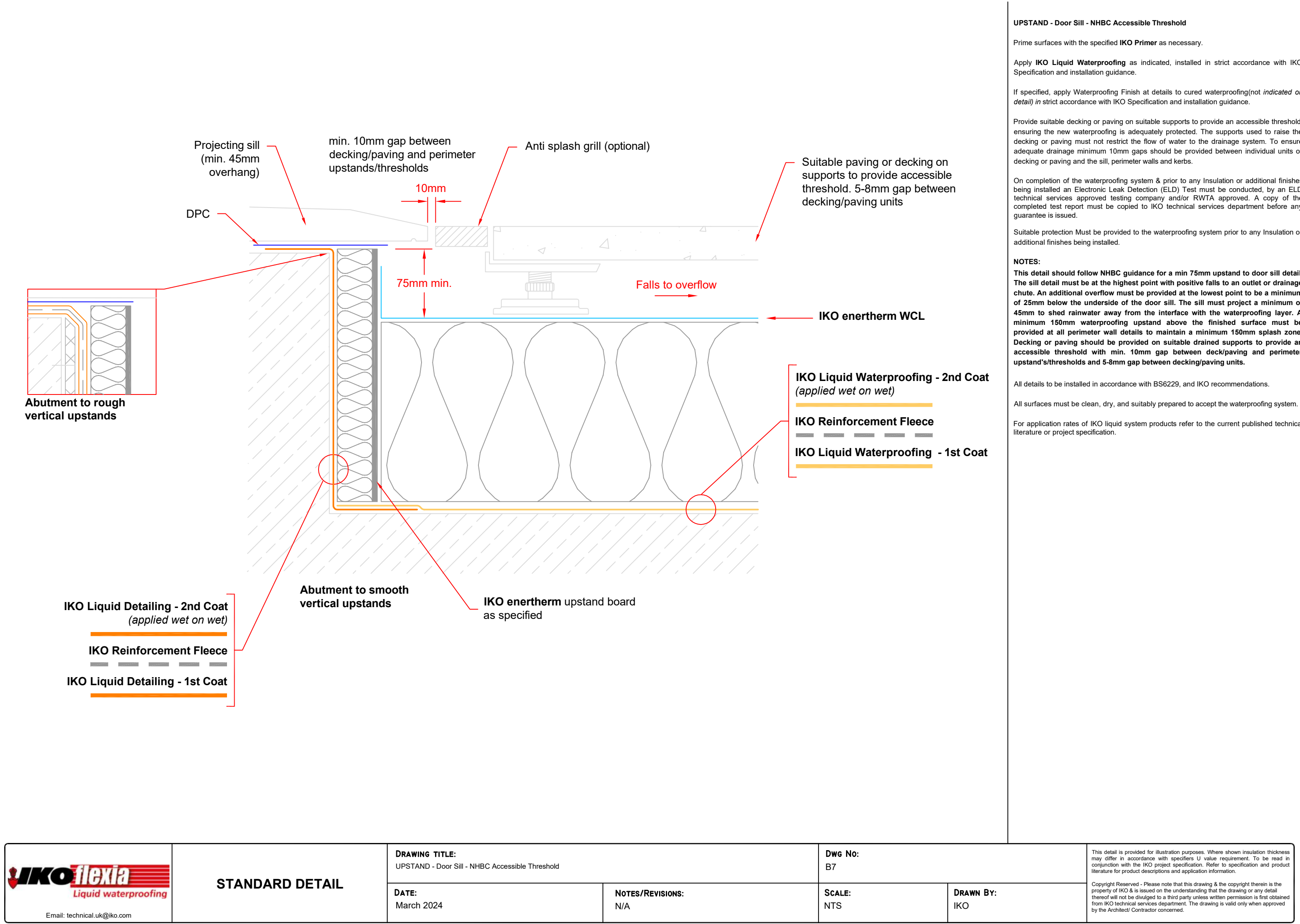
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B4

NTS

IKO

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UPSTAND - Door Sill - NHBC Accessible Threshold

Prime surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified, apply Waterproofing Finish at details to cured waterproofing(not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Provide suitable decking or paving on suitable supports to provide an accessible threshold, ensuring the new waterproofing is adequately protected. The supports used to raise the decking or paving must not restrict the flow of water to the drainage system. To ensure adequate drainage minimum 10mm gaps should be provided between individual units of decking or paving and the sill, perimeter walls and kerbs.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

NOTES:

This detail should follow NHBC guidance for a min 75mm upstand to door sill detail. The sill detail must be at the highest point with positive falls to an outlet or drainage chute. An additional overflow must be provided at the lowest point to be a minimum of 25mm below the underside of the door sill. The sill must project a minimum of 45mm to shed rainwater away from the interface with the waterproofing layer. A minimum 150mm waterproofing upstand above the finished surface must be provided at all perimeter wall details to maintain a minimum 150mm splash zone. Decking or paving should be provided on suitable drained supports to provide an accessible threshold with min. 10mm gap between deck/paving and perimeter upstand's/thresholds and 5-8mm gap between decking/paving units.

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



Email: technical.uk@iko.com

STANDARD DETAIL

DRAWING TITLE:
UPSTAND - Door Sill - NHBC Accessible Threshold

DATE:
March 2024

NOTES/REVISIONS:
N/A

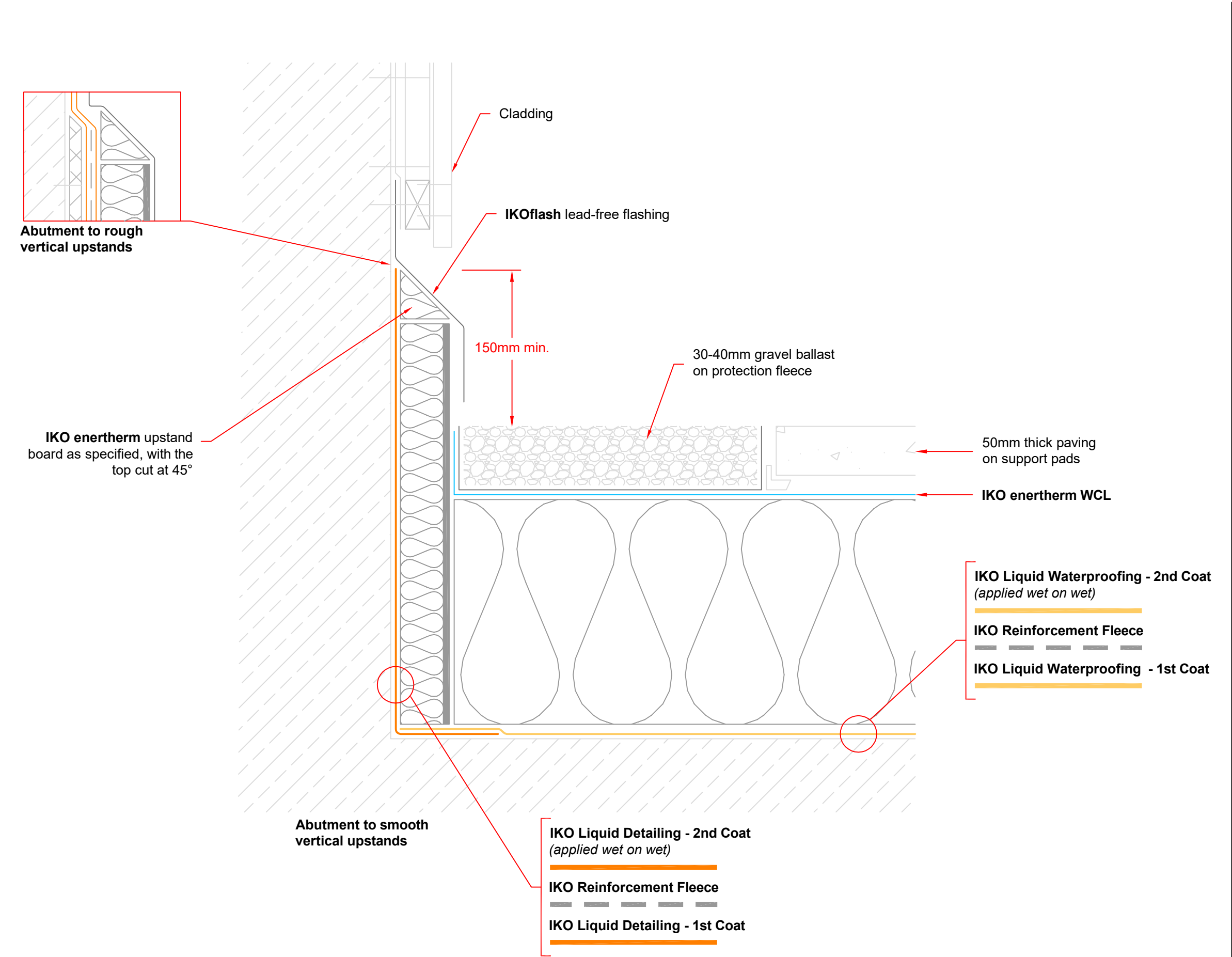
Dwg No:
B7

SCALE:
NTS

DRAWN BY:
IKO

This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information.

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UPSTAND - Cladding

Rough upstand surfaces must be boarded out with OSB/3, plywood or CP board panel mechanically fixed to provide a smooth surface for the liquid waterproofing.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Prime any surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in substrate panels with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified, apply Waterproofing Finish at details to cured waterproofing(not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Use masking tape to provide a neat finish, removing the masking tape before the liquid has cured.

Ensure that any existing vertical breather or waterproof membrane behind the cladding is correctly redressed & undamaged. Any damaged membrane should be replaced with new to match the existing.

Re-fix cladding panels on completion of the detailing works ensuring that the cladding provides a minimum cover of 75mm to the upstand. Wherever this is not the case an additional flashing piece must be provided using **IKOFLASH LEAD FREE FLASHING** secured behind the cladding as indicated.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level (Including any additional finishes).

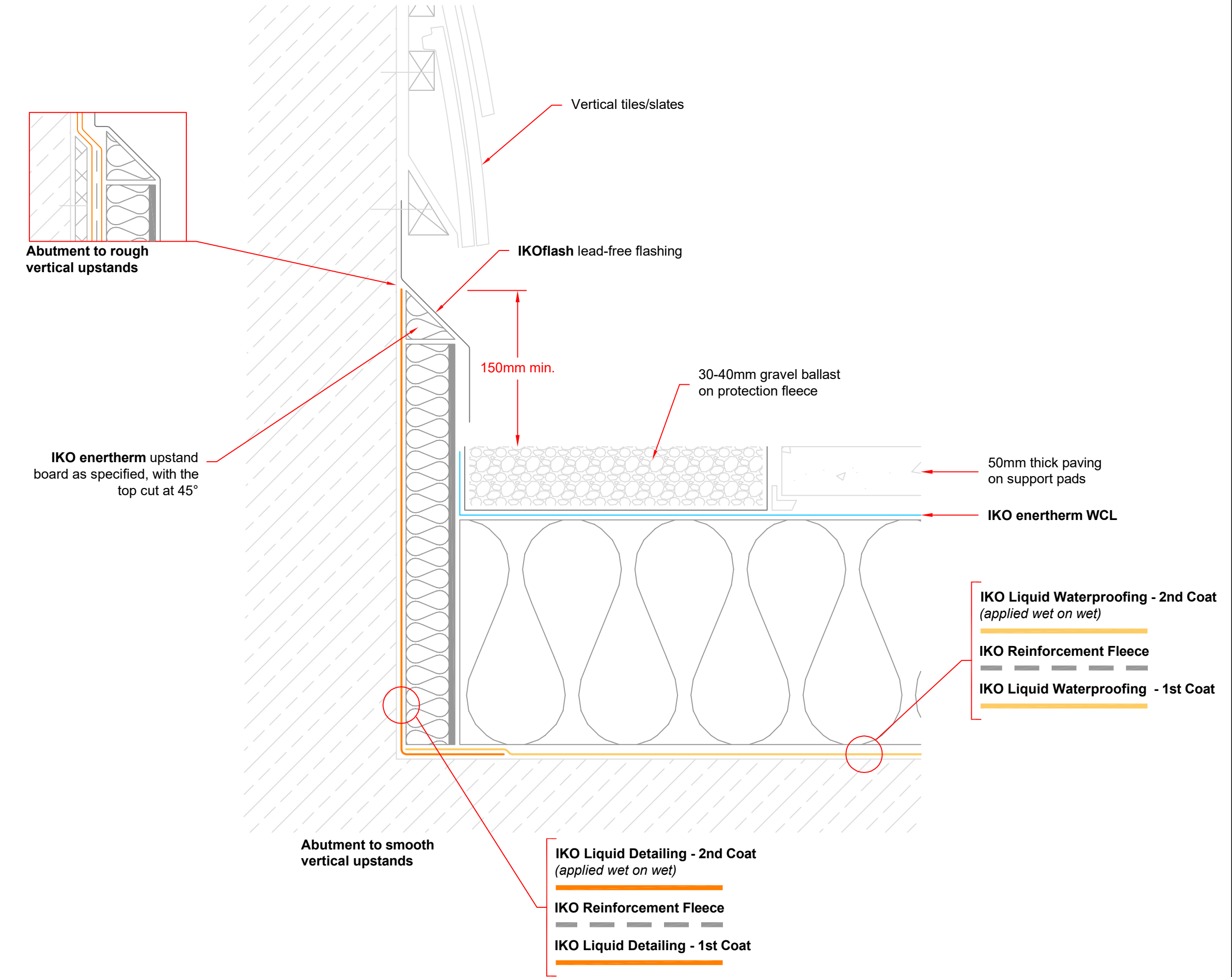
All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: UPSTAND - Cladding		Dwg No: B10		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



UPSTAND - Vertical Slates/Tiles

Rough upstand surfaces must be boarded out with OSB/3, plywood or CP board panel mechanically fixed to provide a smooth surface for the liquid waterproofing.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Prime any surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in substrate panels with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified, apply Waterproofing Finish at details to cured waterproofing(not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Use masking tape to provide a neat finish, removing the masking tape before the liquid has cured.

Ensure that any existing vertical breather or waterproof membrane behind the tiles/slates is correctly dressed & undamaged; any damaged membrane should be replaced with new to match the existing.

Re-fix the battens & tiles/slates, providing an additional flashing using **IKOFLASH LEAD FREE FLASHING** secured behind the tiles/slates as indicated to provide a minimum 75mm cover to the new waterproofing.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level (Including any additional finishes).

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Note: Detail to illustrate lapping & waterproofing arrangements in relation to IKO specified roofing system. The client / contractor is to confirm with relevant parties any limitations or restrictions of vertical application in relation to Building Regulations Approved Document B prior to works.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: UPSTAND - Vertical Slates/Tiles		DWG No: B12		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	

Existing rooflights should be assumed to be fragile & all appropriate measures taken to prevent people falling through them. The Contractor for the works is required to provide a Risk Assessment & Method Statement for the safe working of personnel around rooflights.

Apply the specified new **IKO SUPERLITE ROOFLIGHT** kerb being mechanically fixed to the deck/timber kerb in strict accordance with the manufacturers recommendations.

If specified, apply Waterproofing Finish at details to cured waterproofing(not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

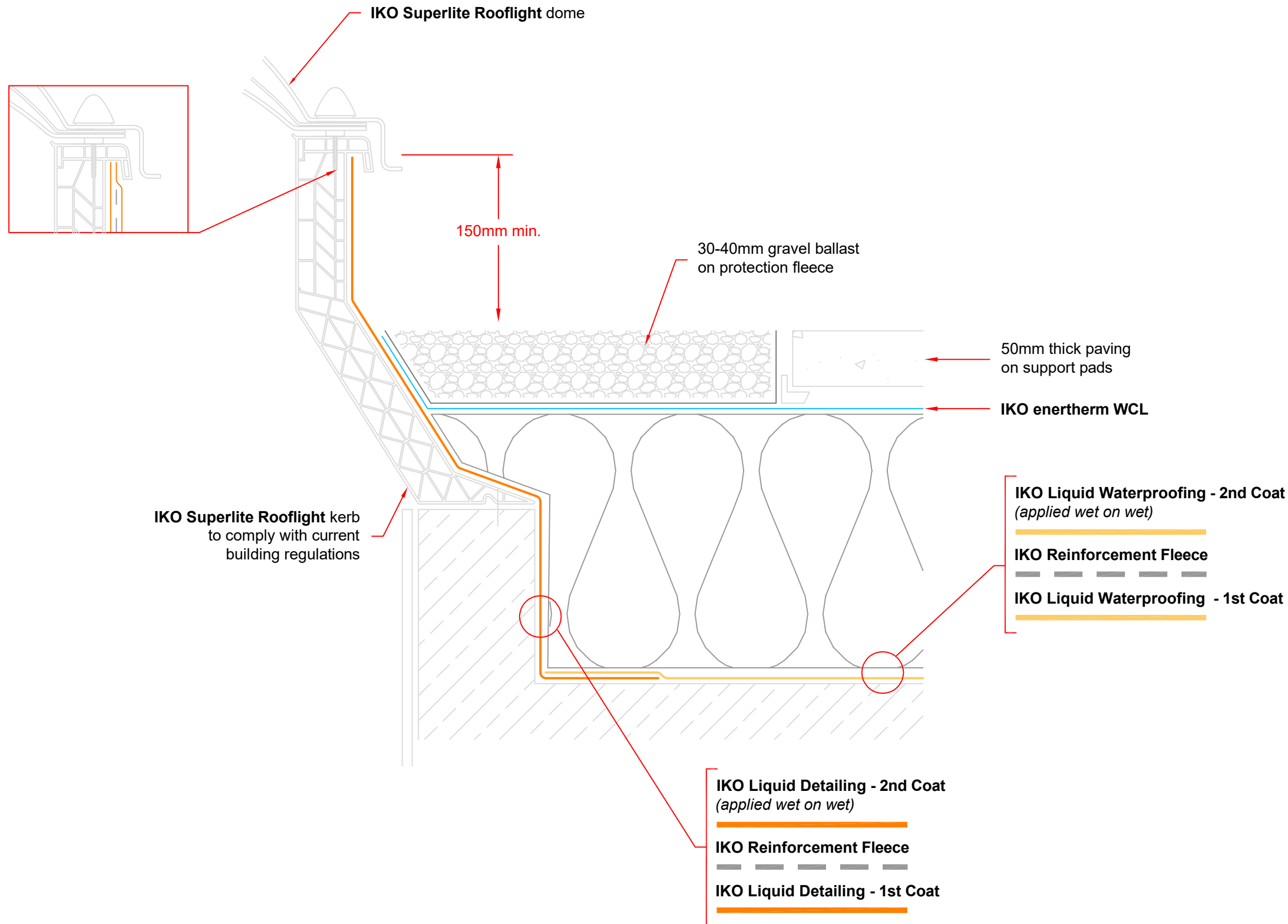
Install the **IKO SUPERLITE ROOFLIGHT** cover unit accordance with the manufacturer's instructions.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

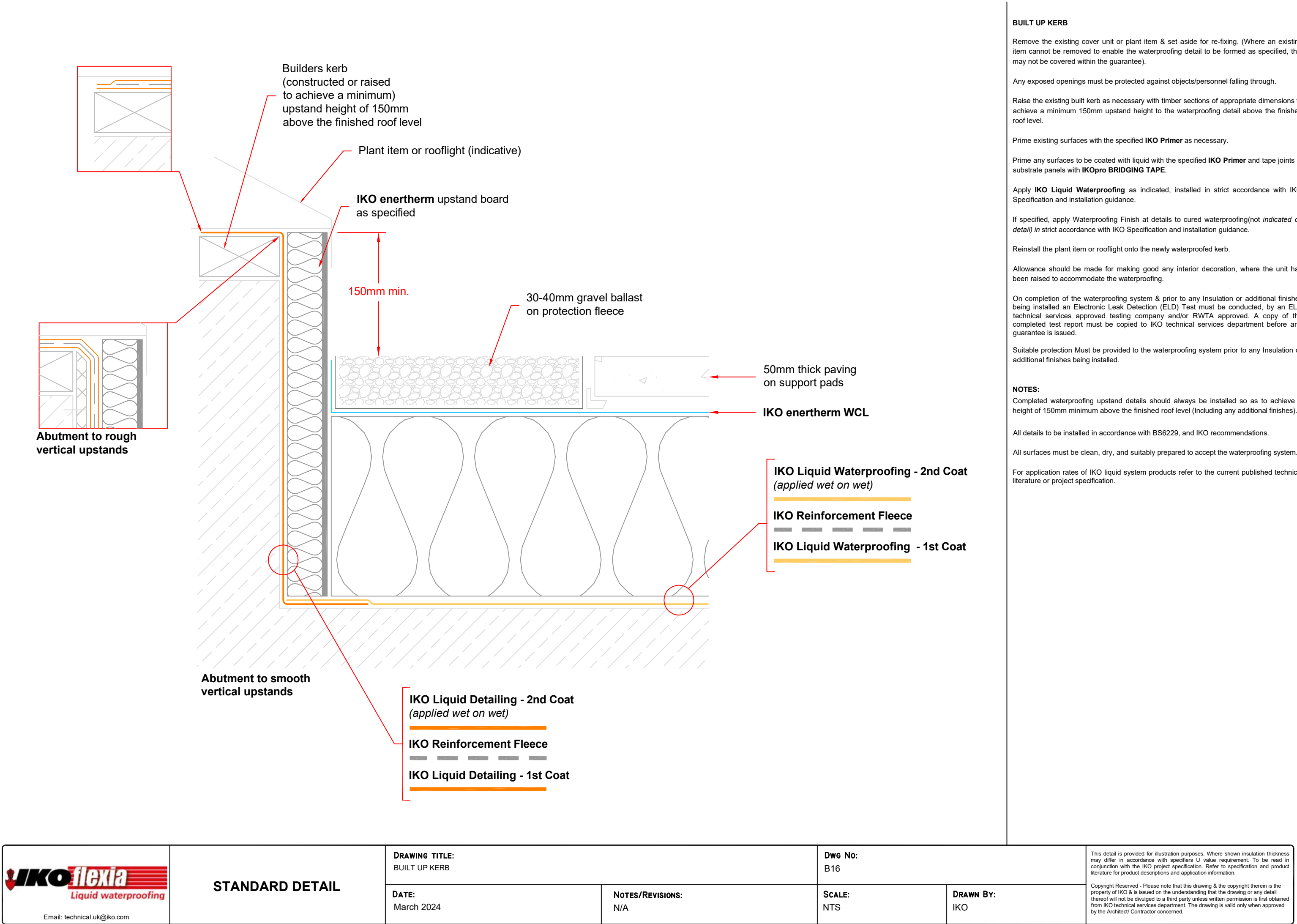
NOTES:
All details to be installed in accordance with BS6229, and IKO recommendations.

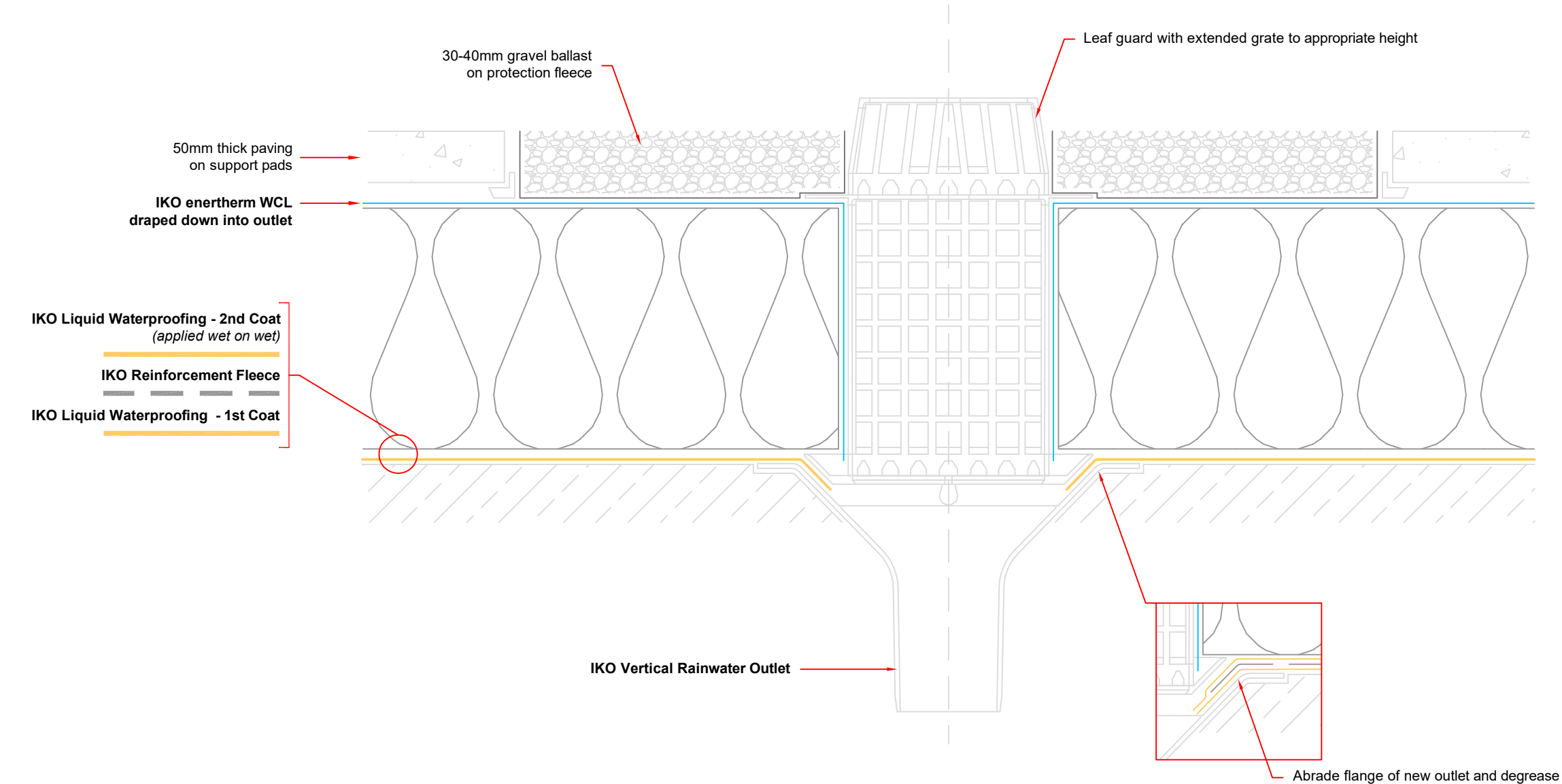
All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: ROOFLIGHT - New Proprietary Kerb - IKO Superlite		DWG No: B14		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	





INTERNAL RWO - IKO Vertical Outlet

Rainwater outlets should be of the correct design & of sufficient size so that the opening is not restricted by the application of the waterproofing system. Roof drainage layout must comply with BS EN 12056-3:2000. Install additional rainwater outlets as required to ensure any standing water is within IKO Technical Services recommendations.

Protect all outlets from any ingress of debris as a result of the roofing works, ensuring any such protection is removed upon the detailing being completed or during non-operational periods.

Remove any existing rainwater outlets & dispose of site.

Install new **IKO Vertical Rainwater Outlet**, according to instructions ensuring a secure connection the the pipework.

Abrade the flange of the new metal outlet to provide a key and degrease with **IKO Acetone Cleaner**.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified, apply Waterproofing Finish at details to cured waterproofing(not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

On completion fix the associated clamping rings & domes/gratings/leaf guards. All rainwater outlets & drainage should be checked upon completion of the works to ensure that they are free flowing.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

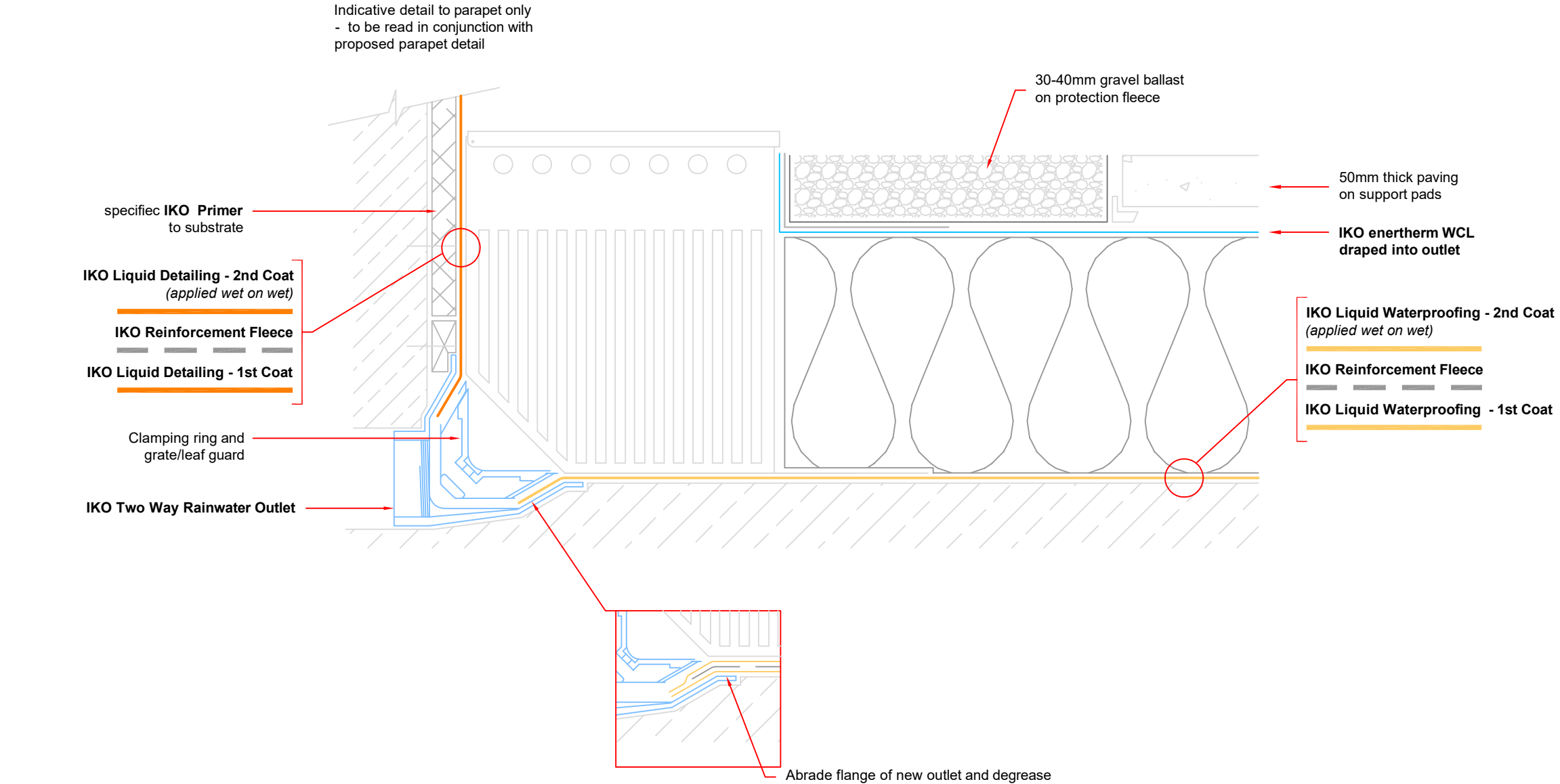
NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: INTERNAL RWO - IKO Vertical Outlet		DWG No: D1		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Archited/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



INTERNAL RWO - IKO Two Way Outlet

Rainwater outlets should be of the correct design & of sufficient size so that the opening is not restricted by the application of the waterproofing system. Roof drainage layout must comply with BS EN 12056-3:2000. Install additional rainwater outlets as required to ensure any standing water is within IKO Technical Services recommendations.

Protect all outlets from any ingress of debris as a result of the roofing works, ensuring any such protection is removed upon the detailing being completed or during non-operational periods.

Remove any existing rainwater outlets & dispose of site.

Install new **IKO Two Way Rainwater Outlet**, according to instructions ensuring a secure connection the the pipework.

Abrade the metal flange of the new outlet to provide a key and degrease with **IKO Acetone Cleaner**.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Prime any timber surfaces to be coated with liquid with the specified **IKO Primer**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified, apply Waterproofing Finish at details to cured waterproofing(not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

On completion fix the associated clamping rings & domes/gratings/leaf guards. All rainwater outlets & drainage should be checked upon completion of the works to ensure that they are free flowing.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Install preparatory Inspection Chamber to manufactures instructions.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

NOTES:

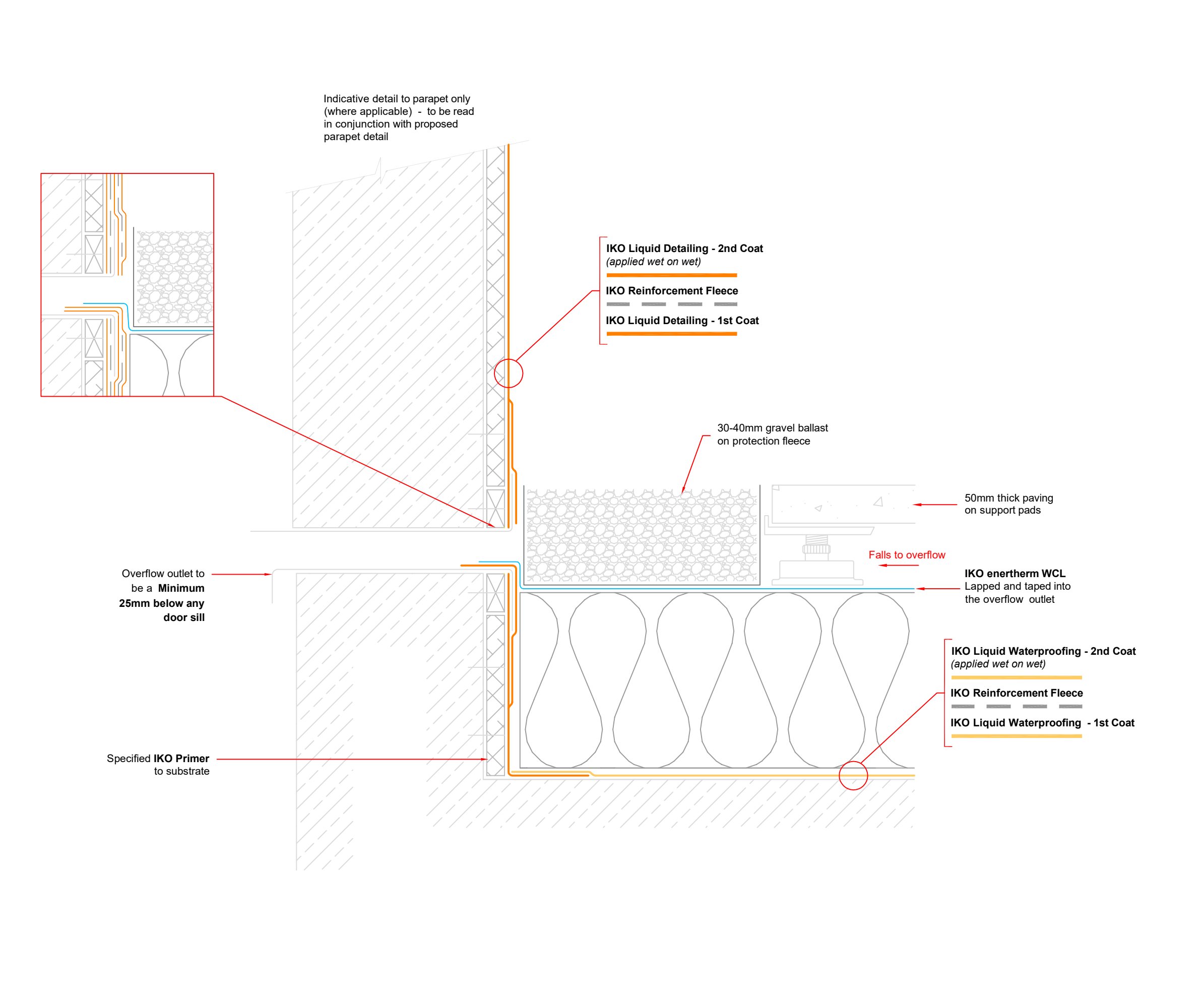
Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level (Including any additional finishes)

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: INTERNAL RWO - IKO Two Way Outlet		DWG No: D2		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



RAINWATER OUTLET - OVERFLOW OUTLET

Overflow outlets should be of the correct design & of sufficient size so that the opening is not restricted by the application of the waterproofing system. Roof drainage layout must comply with BS EN 12056-3:2000.

Protect all outlets from any ingress of debris as a result of the roofing works, ensuring any such protection is removed upon the detailing being completed or during non-operational periods.

Remove any existing overflow outlets & dispose of site.

Overflow outlet to be a minimum 25mm below any door cill

Install suitable new Overflow Outlet, according to instructions ensuring a secure connection to any exiting pipe work; Alternatively ensure any over flow pipe extends minimum 50mm from the external leaf.

Abrade the flange of the new metal outlet to provide a key and degrease with **IKO Acetone Cleaner** as required.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified, apply Waterproofing Finish at details to cured waterproofing(not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

On completion fix the associated clamping rings & gratings (as required). All rainwater outlets & drainage should be checked upon completion of the works to ensure that they are free flowing.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

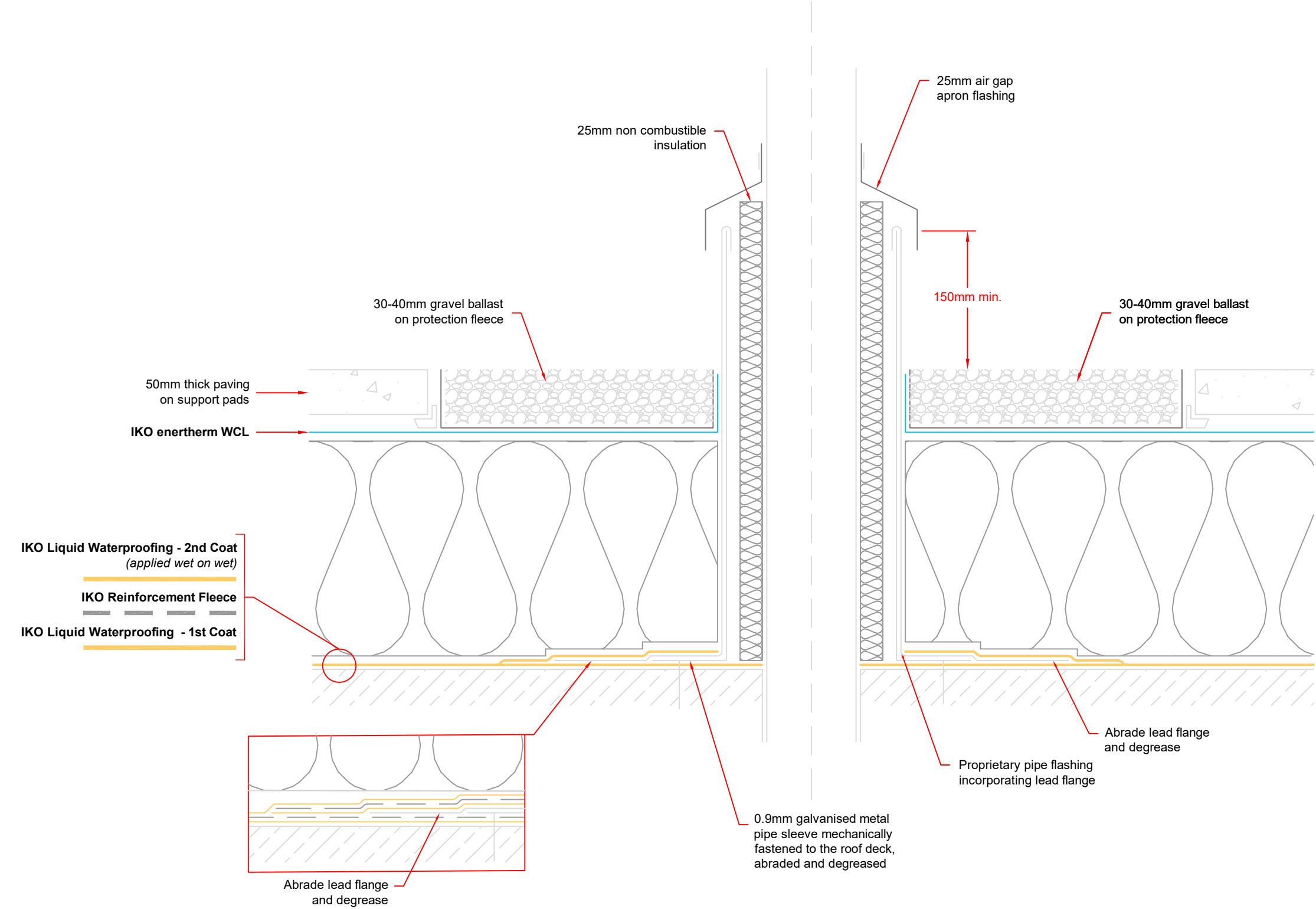
NOTES:

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: Rainwater outlet - Overflow Outlet		DWG No: D8		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



PIPE PENETRATIONS - Hot Pipe

Extend pipework as necessary to achieve a minimum upstand height of 150mm above finished roof level.

Install a galvanised metal insulated pipe sleeve to the pipework to achieve a minimum upstand height of 150mm above finished roof level. Abrade the metal surface provide a key and degrease with **IKO Acetone Cleaner**.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

Apply a proprietary pipe flashing as indicated with the lead flange sealed between the waterproofing layers being installed in accordance with manufacturers recommendations.

Abrade the flange of the new pipe flashing to provide a key and degrease with **IKO Acetone Cleaner**.

Apply **IKO Liquid Waterproofing**, to the complete detail as indicated and dressed to the flange of the new pipe flashing, in strict accordance with IKO Specification and installation guidance.

If specified, apply Waterproofing Finish at details to cured waterproofing(not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

On completion of the detailing works provide a metal apron flashing to the pipe to provide weathering to the pipe sleeve. The top edge should be sealed with a suitable mastic sealant.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

NOTES:

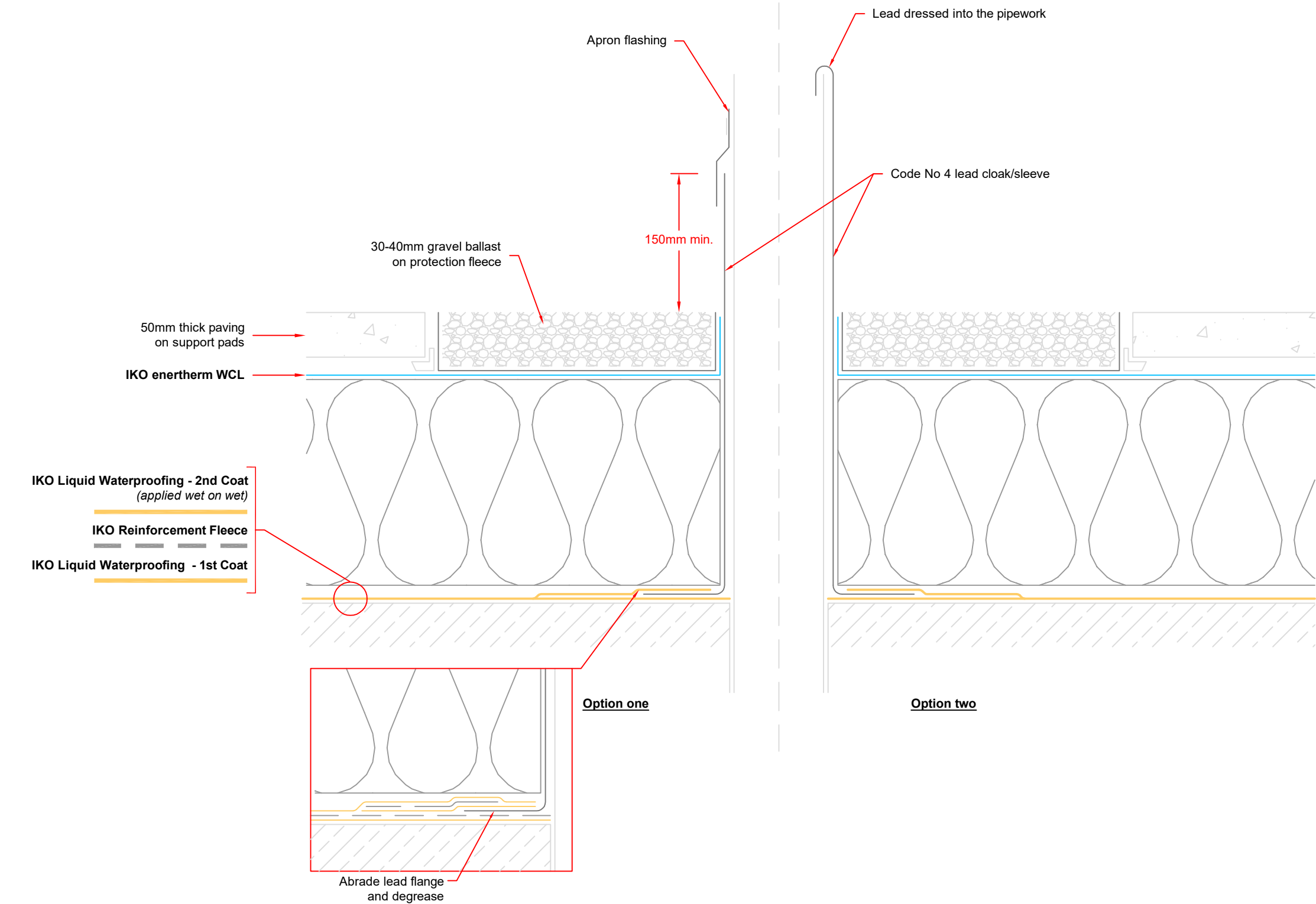
Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level (Including any additional finishes).

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PIPE PENETRATIONS - Hot Pipe		DWG No: F1		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



PIPE PENETRATIONS - Cold Pipe - Lead Sleeve

Extend pipework as necessary to achieve a minimum upstand height of 150mm above finished roof level.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

Provide Code 4 or 5 lead pipe flashings preformed to suit each pipe. The sleeve should be dressed between the waterproofing layers. Leadwork should be dressed & turned over the top of the pipe to encapsulate the rim or top edge, being secured with a proprietary flashing & sealed with a suitable mastic sealant to the top edge.

Abrade the flange of the new lead pipe sleeve to provide a key and degrease with **IKO Acetone Cleaner**.

Apply **IKO Liquid Waterproofing** to the complete detail as indicated and dressed to the flange of the new pipe flashing as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified, apply Waterproofing Finish at details to cured waterproofing(not indicated on detail) in strict accordance with IKO Specification and installation guidance.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

NOTES:

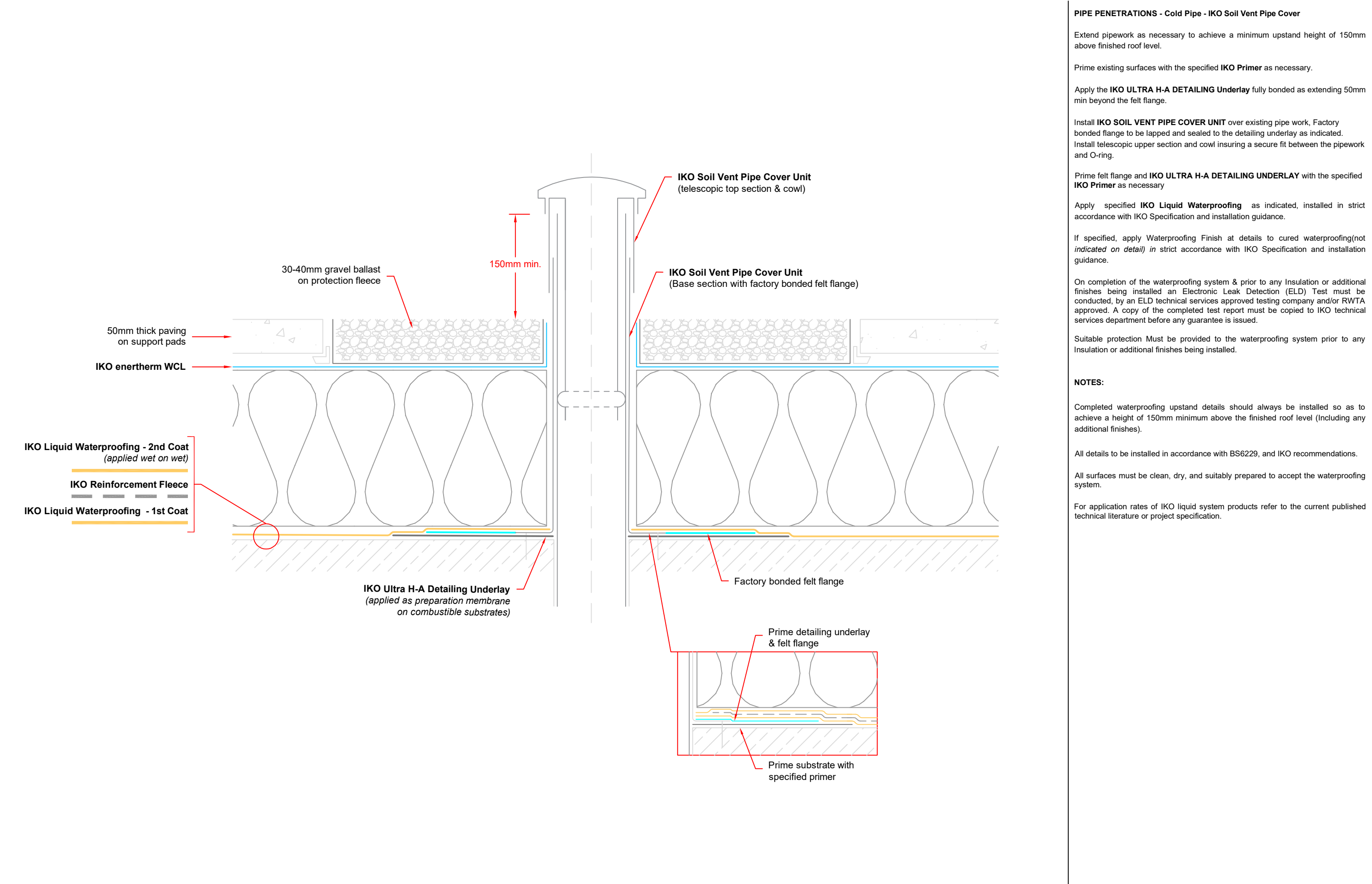
Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level (Including any additional finishes).

All details to be installed in accordance with BS6229, and IKO recommendations.

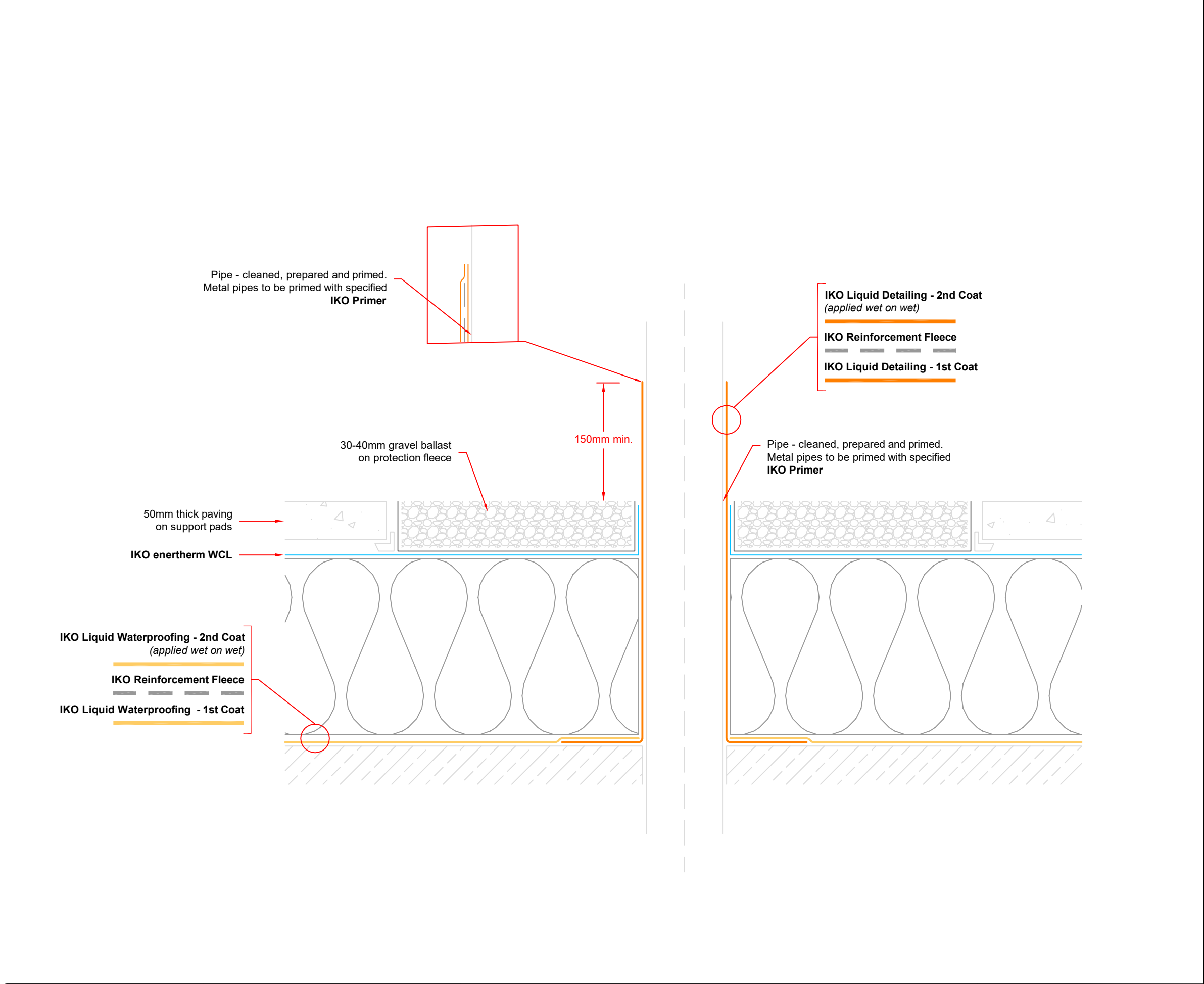
All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PIPE PENETRATIONS - Cold Pipe - Lead Sleeve		DWG No: F2		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PIPE PENETRATIONS - Cold Pipe - IKO Soil Vent Pipe Cover		DWG No: F3		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



PIPE PENETRATIONS - Cold Pipe- Liquid Detailing
Extend pipework as necessary to achieve a minimum upstand height of 150mm above finished roof level.

Clean, prepare and prime the pipe as necessary, to provide a suitable surface to which to apply the detail. Existing metal pipes must be abraded to a bright finish and then primed with specified **IKO Primer**.

Apply **IKO Liquid Waterproofing** to the complete detail as indicated and dressed to provide a minimum upstand height of 150mm, in strict accordance with IKO Specification and installation guidance.

If specified, apply Waterproofing Finish at details to cured waterproofing(not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

Use masking tape to provide a neat finish, removing the masking tape before the liquid has cured.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

NOTES:

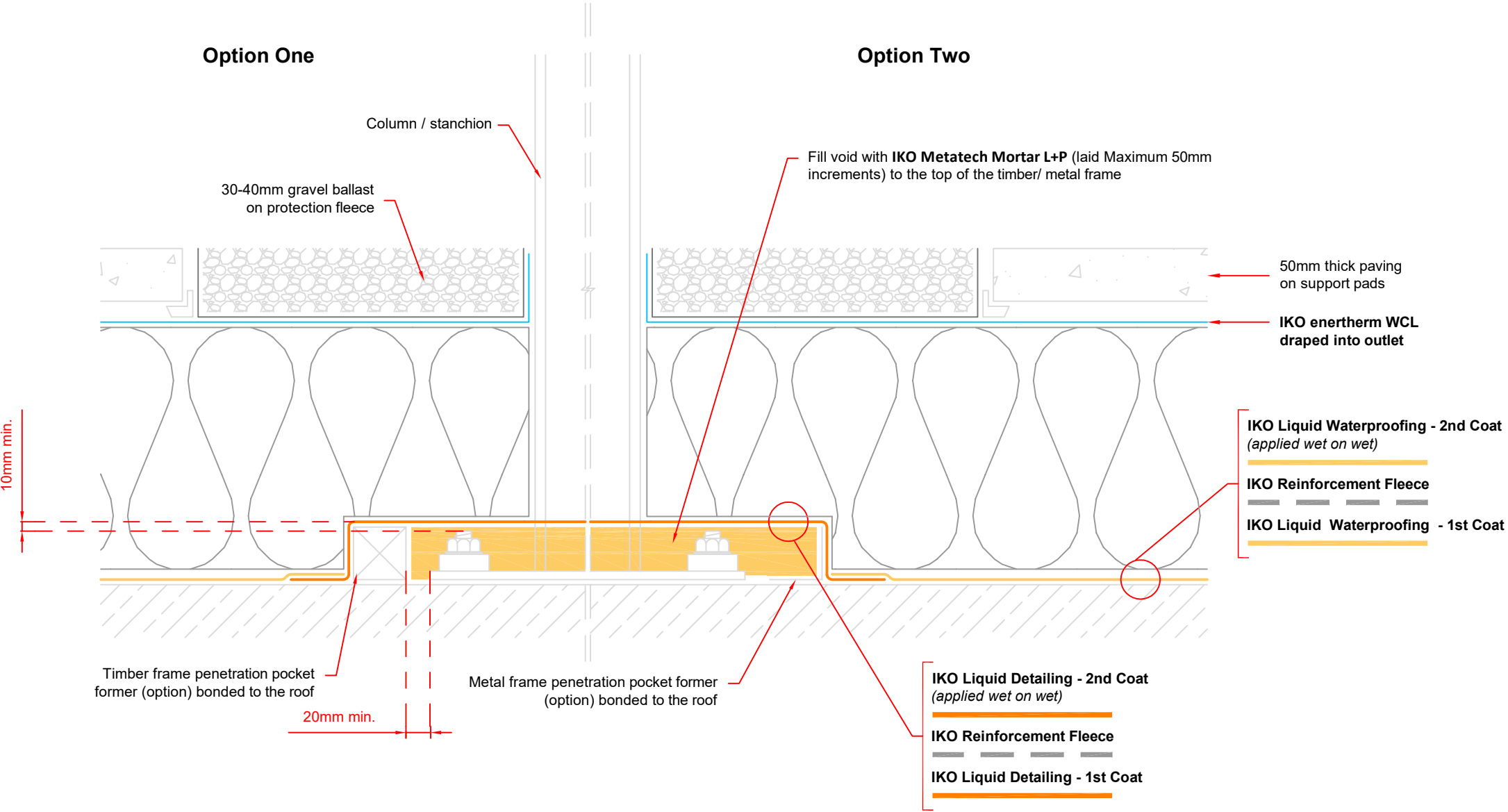
Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level (Including any additional finishes).

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PIPE PENETRATIONS - Cold Pipe - Liquid Detailing		Dwg No: F6		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: N/A	SCALE: NTS	DRAWN BY: IKO	



PENETRATION POCKET - I-Beam column / stanchion

Detail Only Suitable for use with IKO PMMA based waterproofing systems such as IKO Metatech.

Clean, prepare and prime the Column / stanchion as necessary, to provide a suitable surface to which to apply the detail. Existing metal must be abraded to a bright finish and then primed with specified **IKO PRIMER**.

Prepare substrate in accordance with IKO specification document.

Install timber / metal frame penetration pocket former as indicated around base plate. Allow 20mm minimum clearance between the edge of the base plate and the inside of the former, and provide a 10mm minimum cover over any bolts/ fixings.

Fill void with **IKO Metatech Mortar L+P** to the top of the timber/ metal frame (laid in maximum 50mm increments) and allow to fully cure.

Prime surrounding waterproofing and new formers with the specified **IKO PRIMER** as necessary.

Apply **IKO Liquid Detailing** to the complete detail as indicated, immediately embed **IKO reinforcement Fleece** and apply a further coat of **IKO Liquid Detailing** applied wet on wet. Allow to cure. Use masking tape to provide a neat finish, removing the masking tape before the liquid has cured.

If specified, apply Waterproofing Finish at details to cured waterproofing(not *indicated on detail*) in strict accordance with IKO Specification and installation guidance.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

NOTES:

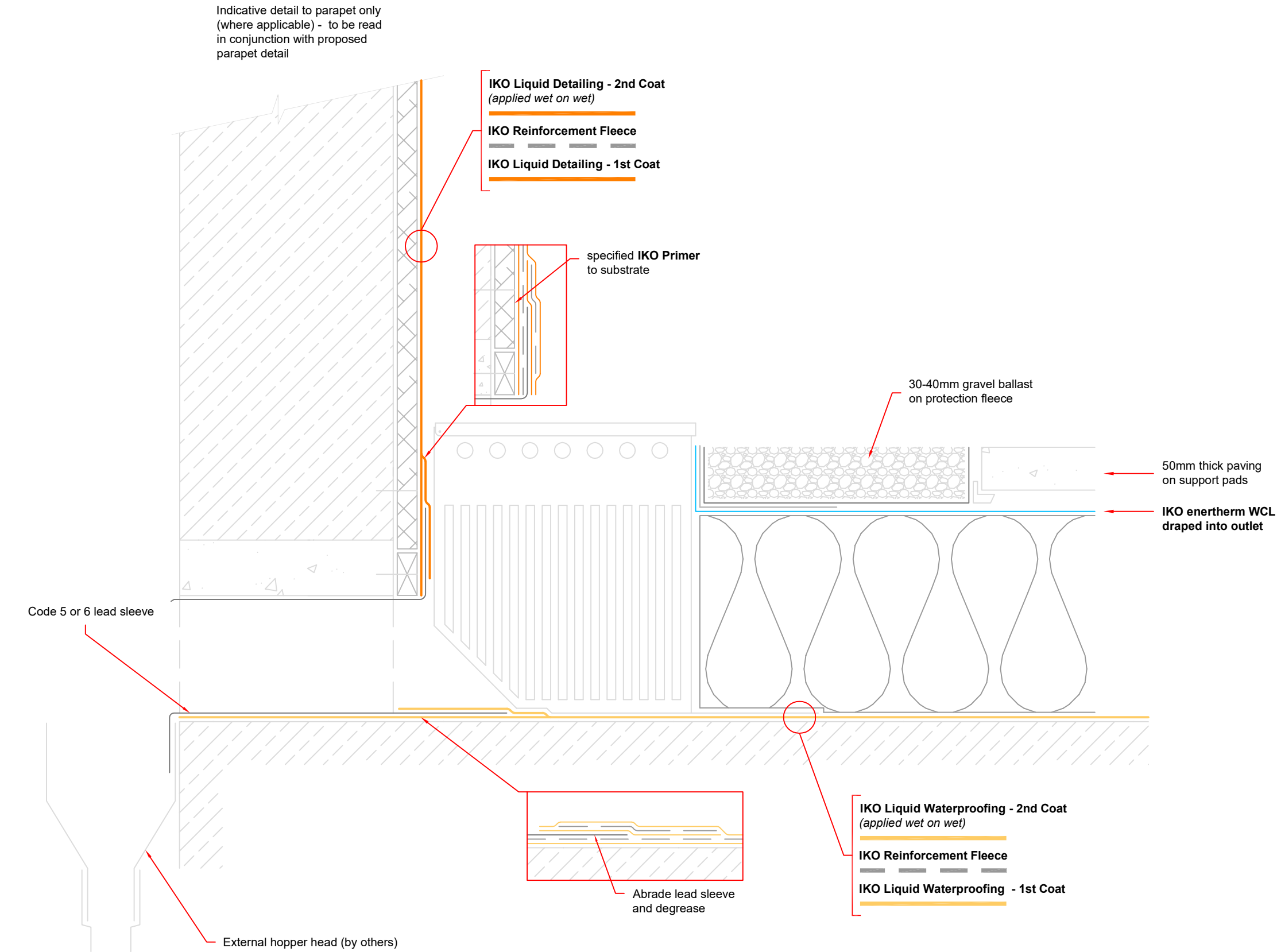
All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.

Detail Only suitable for use with IKO PMMA based waterproofing systems such as IKO Metatech .

 Email: technical.uk@iko.com	STANDARD DETAIL	DRAWING TITLE: PENETRATION POCKET - I-Beam Column / Stanchion		DWG No: F8		This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information. Copyright Reserved - Please note that this drawing & the copyright therein is the property of IKO & is issued on the understanding that the drawing or any detail thereof will not be divulged to a third party unless written permission is first obtained from IKO technical services department. The drawing is valid only when approved by the Architect/ Contractor concerned.
		DATE: March 2024	NOTES/REVISIONS: REV A (April 2024)	SCALE: NTS	DRAWN BY: IKO	



DRAINAGE CHUTE - with Inspection Chamber

Inspect & carry out any maintenance work as necessary & thoroughly clean all surfaces. Enlarge openings as necessary to ensure the opening is not restricted by the application of the new waterproofing system. It maybe necessary to box out the base and/or cheeks of the drainage chute opening with suitable OSB/3, plywood or CP board. Any cavity or cavity tray must be closed off or redirected as required.

Prime existing surfaces with the specified **IKO Primer** as necessary.

Prime all surfaces to be coated with liquid with the specified **IKO Primer** and tape joints in substrate panels with **IKOpro BRIDGING TAPE**.

Apply **IKO Liquid Waterproofing** as indicated, installed in strict accordance with IKO Specification and installation guidance.

Apply a Code 5 or 6 lead sleeve through the parapet/kerb. Lead sleeves are to be installed & detailed in accordance with the Lead Sheet Association recommendations.

Abrade the flange of the new lead sleeve to which the waterproofing system is to be bonded to provide a key and degrease with **IKO Acetone Cleaner**.

Apply further coat of specified **IKO Liquid Waterproofing** to encapsulate the flange as indicated, installed in strict accordance with IKO Specification and installation guidance.

If specified apply Sealer Coat at details to cured waterproofing (*not indicated on detail*) in strict accordance with IKO Specification and installation guidance.

On completion of the waterproofing system & prior to any Insulation or additional finishes being installed an Electronic Leak Detection (ELD) Test must be conducted, by an ELD technical services approved testing company and/or RWTA approved. A copy of the completed test report must be copied to IKO technical services department before any guarantee is issued.

Install preparatory Inspection Chamber to manufactures instructions.

Suitable protection Must be provided to the waterproofing system prior to any Insulation or additional finishes being installed.

NOTES:

Completed waterproofing upstand details should always be installed so as to achieve a height of 150mm minimum above the finished roof level (Including any additional finishes).

All details to be installed in accordance with BS6229, and IKO recommendations.

All surfaces must be clean, dry, and suitably prepared to accept the waterproofing system.

Cement Particle (CP) Boards to be used inline with SPRA, LRWA & NFRC Guidance.

For application rates of IKO liquid system products refer to the current published technical literature or project specification.



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STANDARD DETAIL

DRAWING TITLE:
DRAINAGE CHUTE - with Inspection Chamber

DATE:
March 2024

NOTES/REVISIONS:
N/A

Dwg No:
F8

SCALE:
NTS

DRAWN BY:
IKO

This detail is provided for illustration purposes. Where shown insulation thickness may differ in accordance with specifiers U value requirement. To be read in conjunction with the IKO project specification. Refer to specification and product literature for product descriptions and application information.

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