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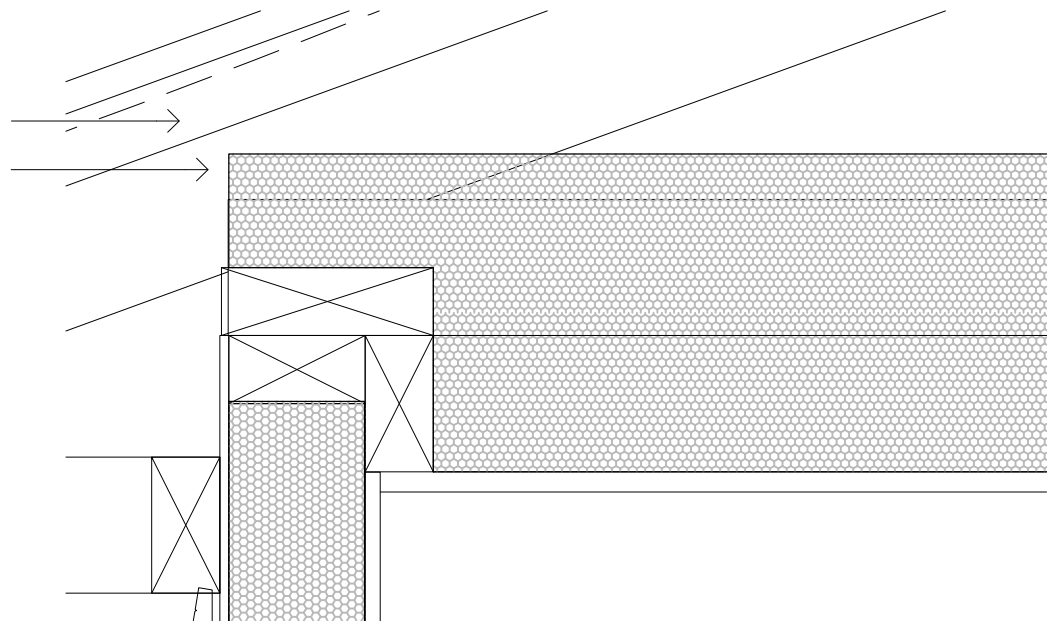
KOOLFOAM
EXPANDED POLYSTYRENE

Koolfoam Industries Ltd
34 Grayson Avenue PAPATOETOE Auckland
ph: 09 279 9611 mod: 021 605 271
www.koolfoam.co.nz

BLACK PEARL®

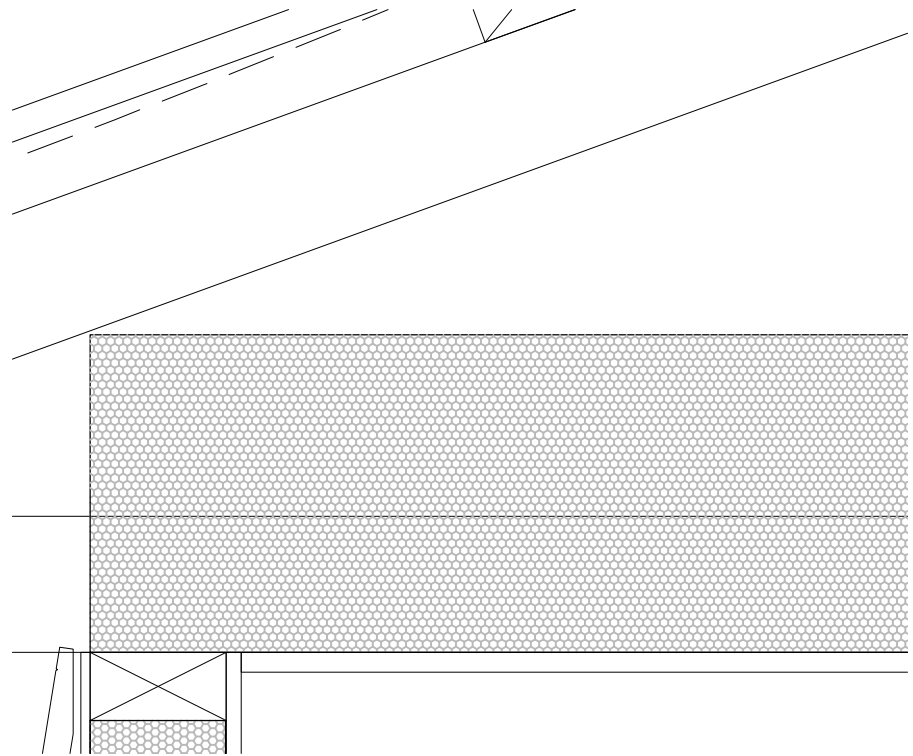
**UNDER SLAB INSULATION PANEL
IN WALL INSULATION PANELS
EIFS SYSTEM EXTERNAL PANELS**

No.	REVISIONS	DATE
DRAWN	ADDL - Mike	APPD
DATE	21-11-2024	SCALES A4 1:5
SHEET	KF-DSBP01	
	A	



ROOF FRAMING - RAFTERS

KOOLFOAM Black Pearl



(Note: All R values are calculated from actual conductivity tests of Koolfoam EPS and Black Pearl® by an independent approved authority BRANZ)

FIRE BEHAVIOUR

KOOLFOAM Black Pearl

- Separate PVC / TPS cables from contact with Black Pearl

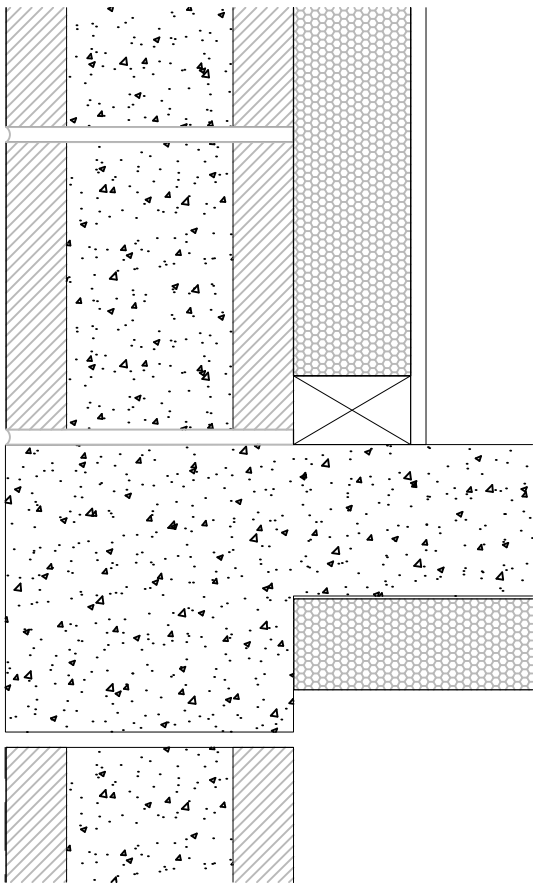
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EXPANDED POLYSTYRENE

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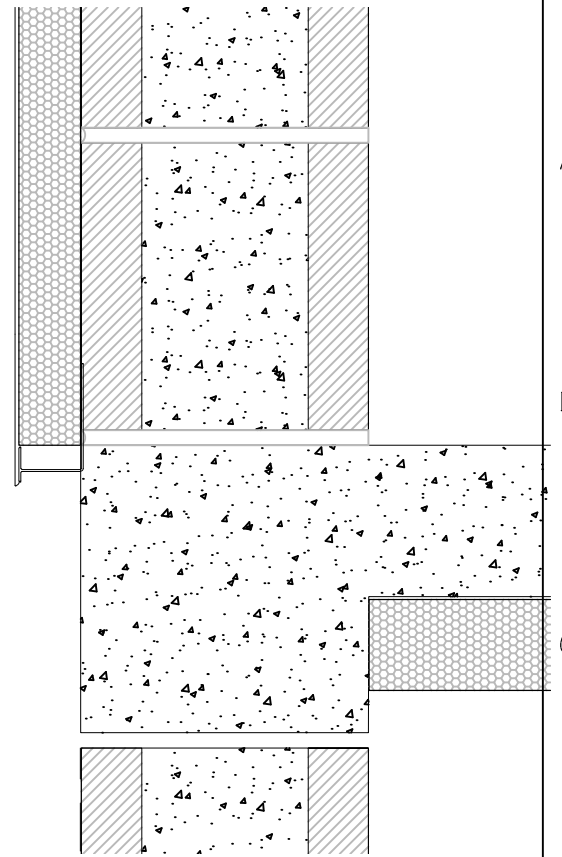
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**ROOF INSULATION PANELS
FRAMED and TRUSS ROOFS**

No.	REVISIONS	DATE
DRAWN	ADDL - Mike	APPD
DATE	9-9-2024	SCALE\$ A4 1:5
SHEET	KF-DSBP02	
	ISSUE A	



**MASONRY WALL INSULATION
INTERIOR**



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KOOLFOAM Black Pearl

(Note: All R values are calculated from actual conductivity tests of Koolfoam EPS and Black Pearl ® by an independent approved authority BRANZ)

FIRE BEHAVIOUR

KOOLFOAM Black Pearl

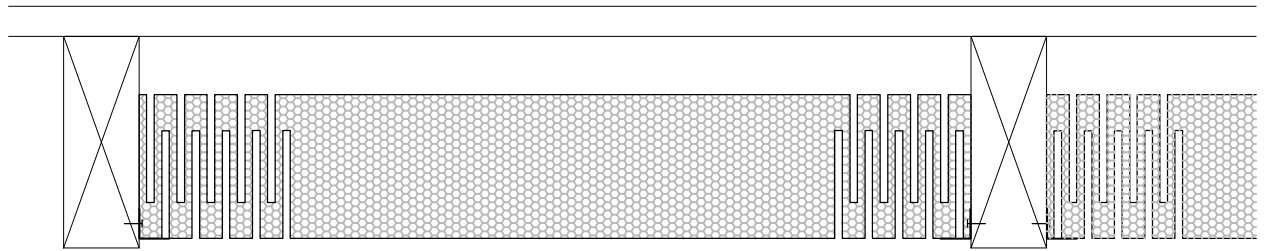
- Separate PVC / TPS cables from contact with Black Pearl

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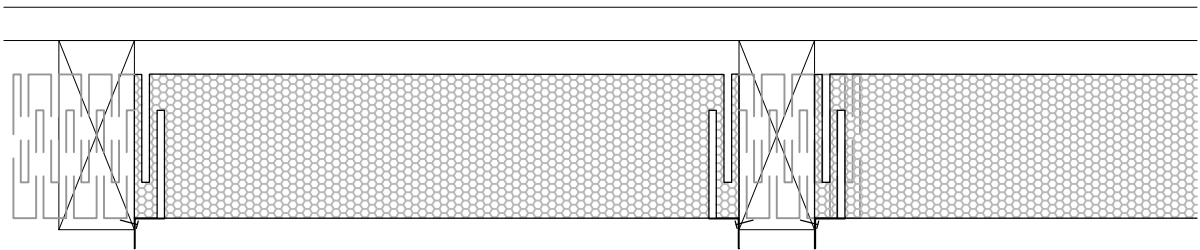
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**MASONRY
EXTERIOR INSULATION - THERMAL MASS
INTERIOR INSULATION - BATTENED WALLS**

No.	REVISIONS	DATE
DRAWN ADDL - Mike		APPD
DATE 9-9-2024	SCALES A4 1:5	
SHEET		ISSUE
KF-DSBP04		A



SUSPENDED TIMBER FLOOR - NEW



KOOLFOAM Black Pearl

(Note: All R values are calculated from actual conductivity tests of Koolfoam EPS and Black Pearl® by an independent approved authority BRANZ)

FIRE BEHAVIOUR

KOOLFOAM Black Pearl

- Separate PVC / TPS cables from contact with Black Pearl

KOOLFOAM
EXPANDED POLYSTYRENE

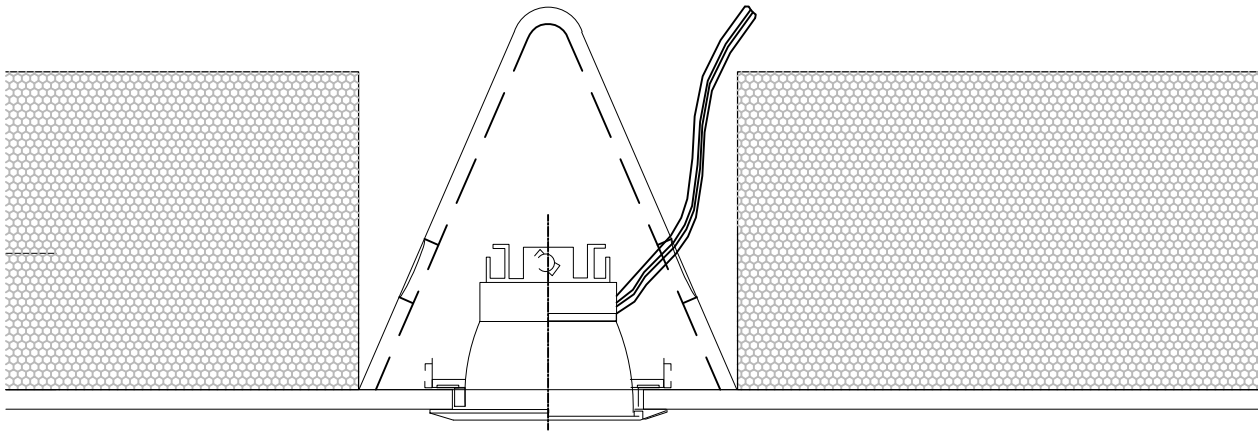
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**SUSPENDED TIMBER FLOORS
NEW and RETRO FIT INSULATION**

No.	REVISIONS	DATE
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DATE	9-9-2024	SCALES A4 1:5
SHEET	KF-DSBP05	
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RECESSED DOWN LIGHTING

KOOLFOAM Black Pearl

(Note: All R values are calculated from actual conductivity tests of Koolfoam EPS and Black Pearl ® by an independent approved authority BRANZ)

FIRE BEHAVIOUR

KOOLFOAM Black Pearl

- Separate PVC / TPS cables from contact with Black Pearl

IC-F
ABUTTED &
COVERED

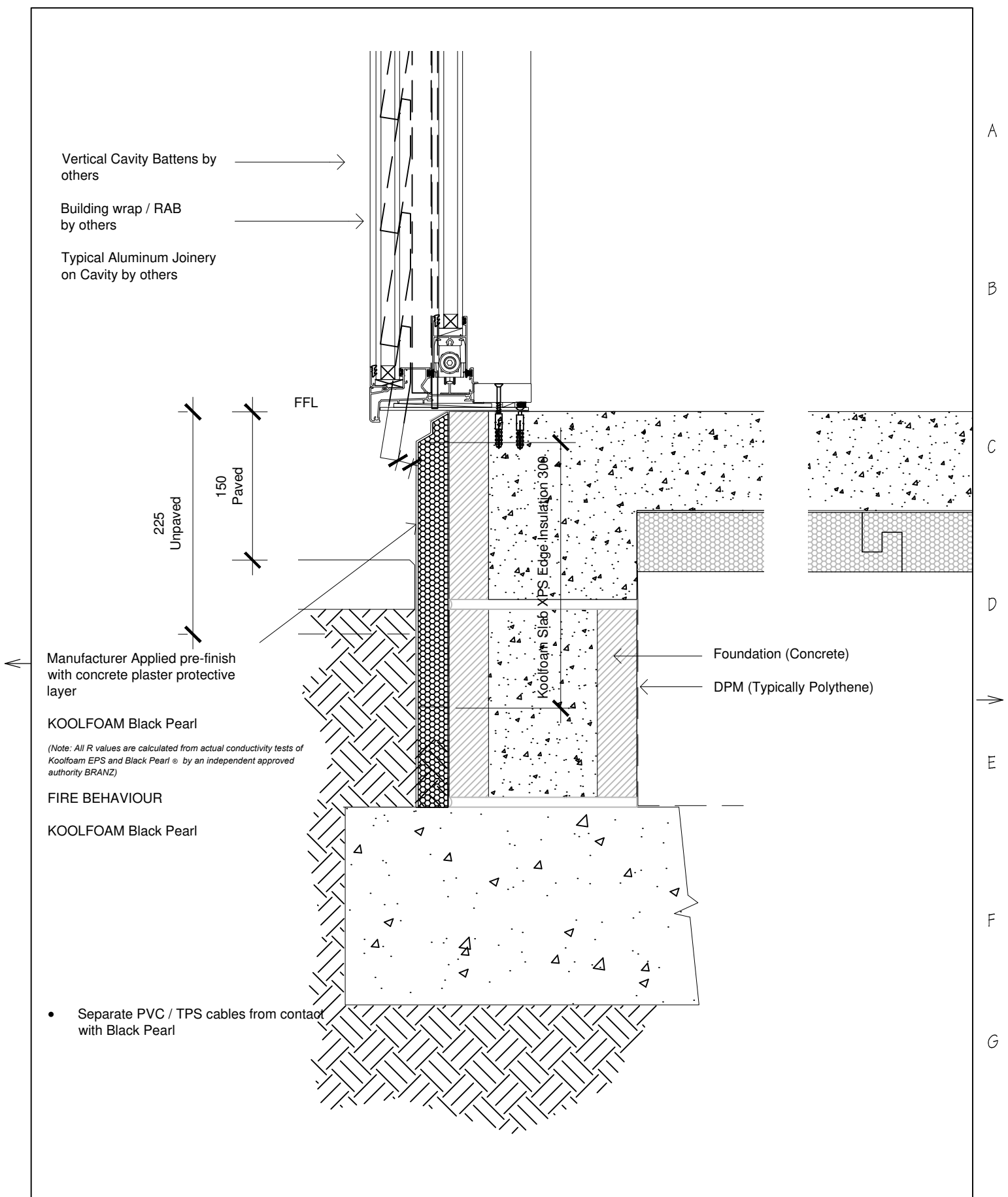


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RECESSED DOWNLIGHTING
NEW and RETRO FIT INSULATION

No.	REVISIONS	DATE
DRAWN ADDL - Mike		APPD
DATE 13-9-2024	SCALES A4 1:5	
SHEET	KF-DSBP06	ISSUE A



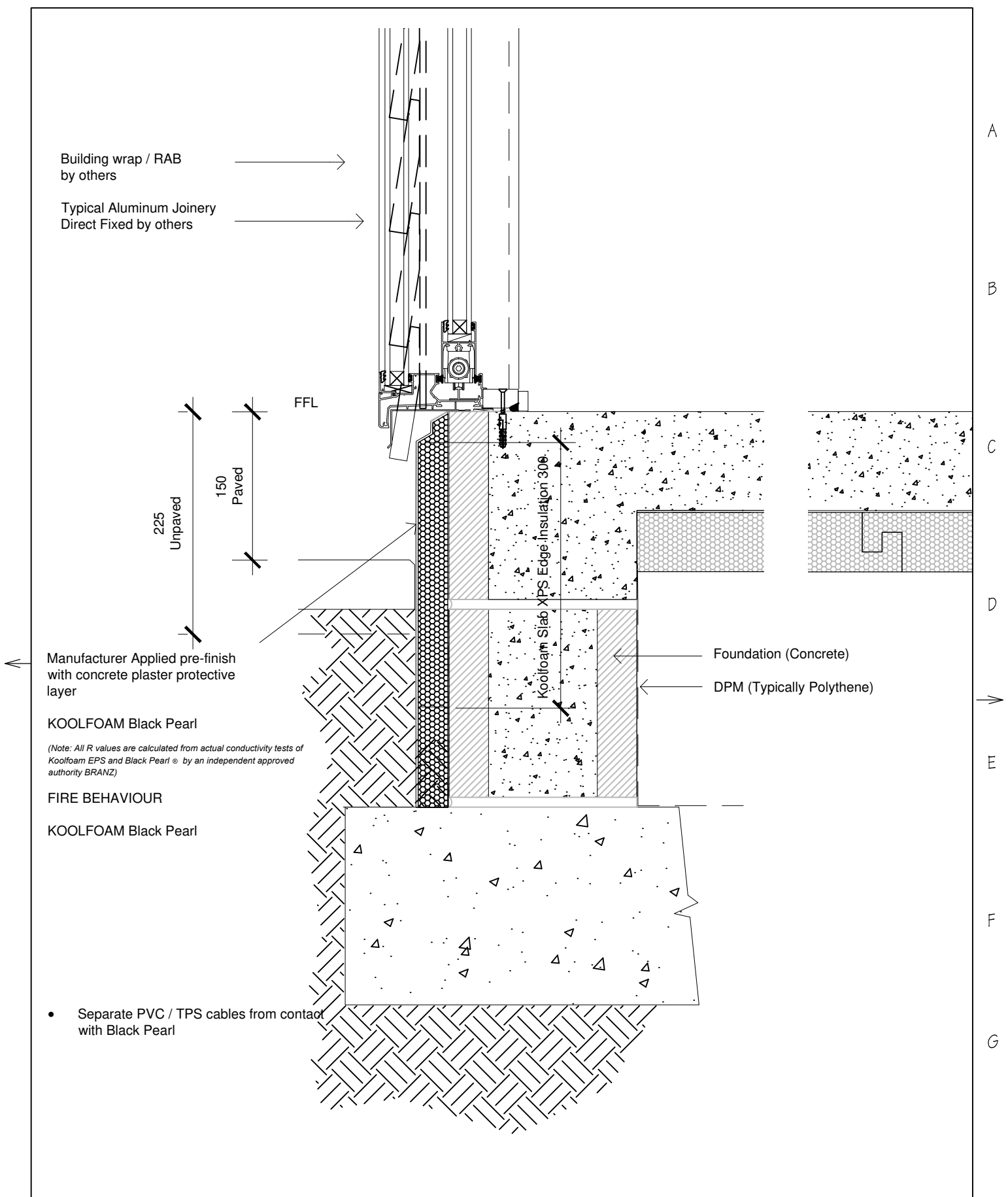
KOOLFOAM
EXPANDED POLYSTYRENE

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BLACK PEARL®

**UNDER SLAB INSULATION PANEL
and SLAB EDGE INSULATION
ALUMINUM JOINERY CAVITY
FIXED DETAIL**

No.	REVISIONS	DATE
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DATE 21-11-2024	SCALES A4	1:5
SHEET		ISSUE
KF-DSBP07		A



Building wrap / RAB
by others

Typical Aluminum Joinery
Direct Fixed by others

225
Unpaved

150
Paved

FFL

Manufacturer Applied pre-finish
with concrete plaster protective
layer

KOOLFOAM Black Pearl

*(Note: All R values are calculated from actual conductivity tests of
Koolfoam EPS and Black Pearl ® by an independent approved
authority BRANZ)*

FIRE BEHAVIOUR

KOOLFOAM Black Pearl

- Separate PVC / TPS cables from contact
with Black Pearl

Foundation (Concrete)

DPM (Typically Polythene)

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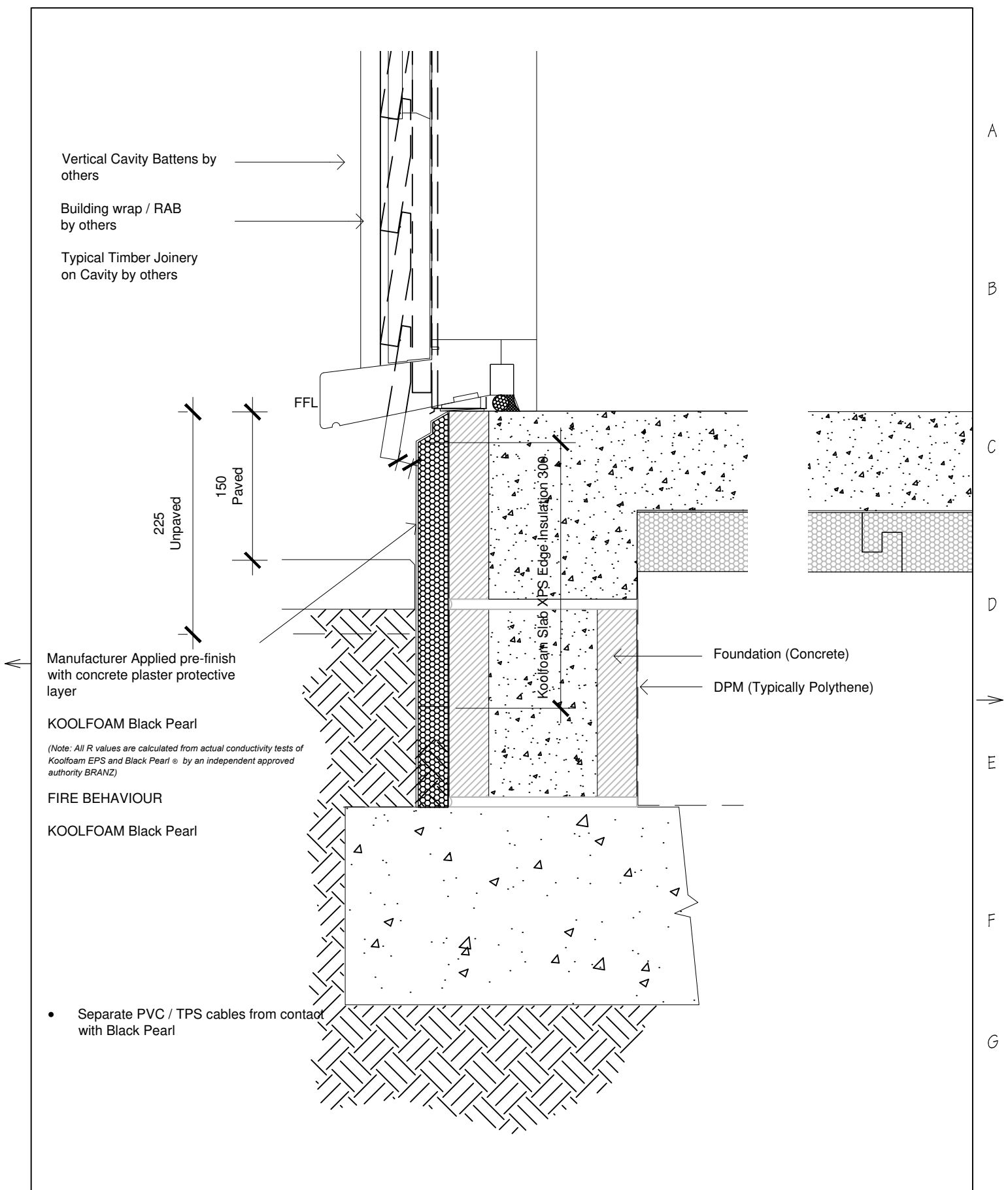
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BLACK PEARL®

**UNDER SLAB INSULATION PANEL
and SLAB EDGE INSULATION
ALUMINUM JOINERY DIRECT
FIXED DETAIL**

No.	REVISIONS	DATE
DRAWN ADDL - Mike		APPD
DATE 21-11-2024	SCALES A4	1:5
SHEET		ISSUE
KF-DSBP08		A



Vertical Cavity Battens by others

Building wrap / RAB by others

Typical Timber Joinery on Cavity by others

FFL

225 Unpaved

150 Paved

Manufacturer Applied pre-finish with concrete plaster protective layer

KOOLFOAM Black Pearl

(Note: All R values are calculated from actual conductivity tests of Koolfoam EPS and Black Pearl © by an independent approved authority BRANZ)

FIRE BEHAVIOUR

KOOLFOAM Black Pearl

- Separate PVC / TPS cables from contact with Black Pearl

Foundation (Concrete)

DPM (Typically Polythene)

Koolfoam Slab XPS Edge Insulation 300



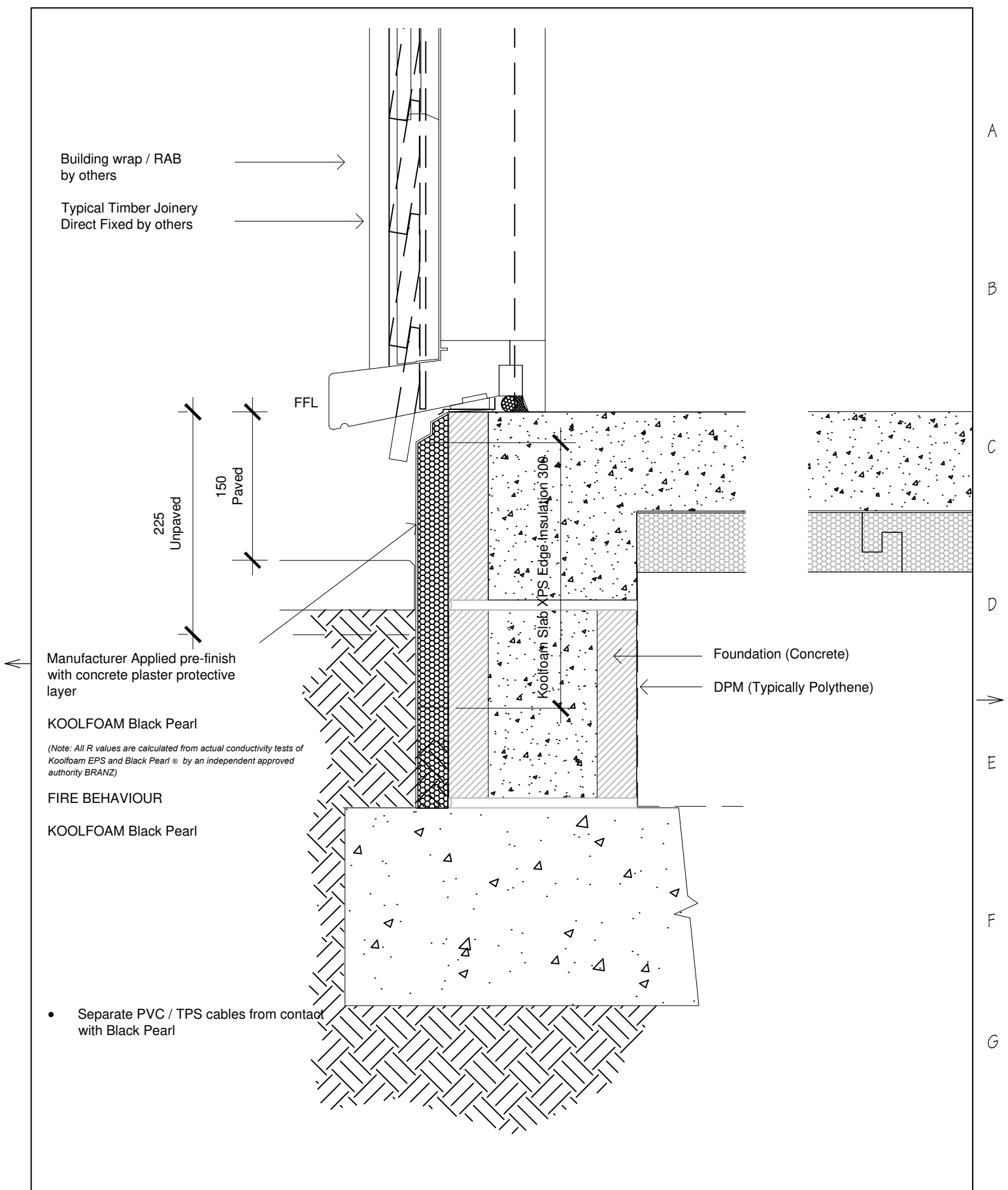
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UNDER SLAB INSULATION PANEL
 and SLAB EDGE INSULATION
 TIMBER JOINERY CAVITY FIXED
 DETAIL

No.		REVISIONS		DATE	
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DATE 21-11-2024		SCALES A4 1:5			
SHEET				ISSUE	
KF-DSBP09				A	

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Building wrap / RAB
by others

Typical Timber Joinery
Direct Fixed by others

225
Unpaved

150
Paved

FFL

Manufacturer Applied pre-finish
with concrete plaster protective
layer

KOOLFOAM Black Pearl

(Note: All R values are calculated from actual conductivity tests of Koolfoam EPS and Black Pearl ® by an independent approved authority BRANZ)

FIRE BEHAVIOUR

KOOLFOAM Black Pearl

- Separate PVC / TPS cables from contact with Black Pearl

Koolfoam Slab XPS Edge Insulation 306

Foundation (Concrete)

DPM (Typically Polythene)

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**UNDER SLAB INSULATION PANEL
and SLAB EDGE INSULATION
TIMBER JOINERY DIRECT FIXED
DETAIL**

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DATE 21-11-2024	SCALE A4	1:5
SHEET		ISSUE
KF-DSBP10		A