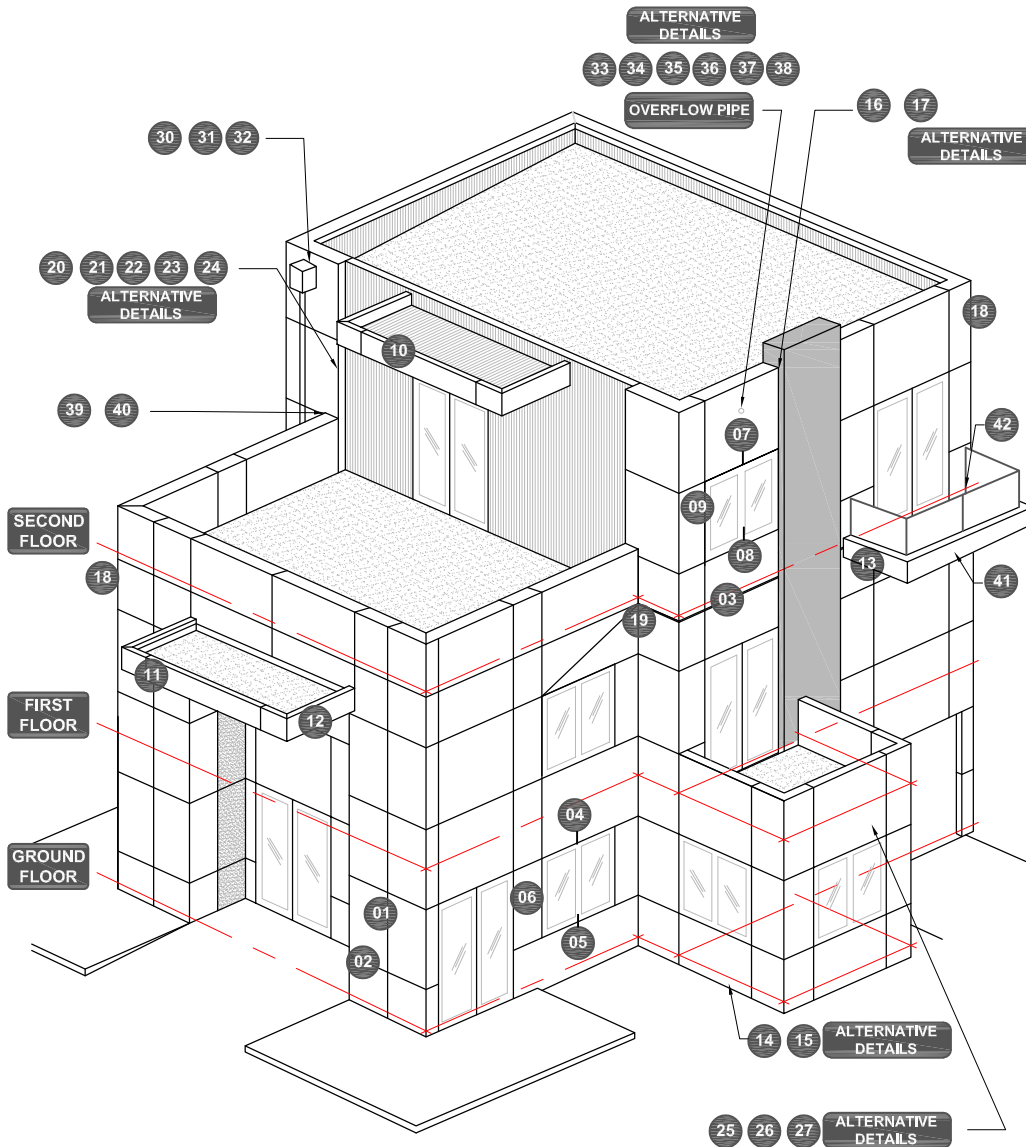
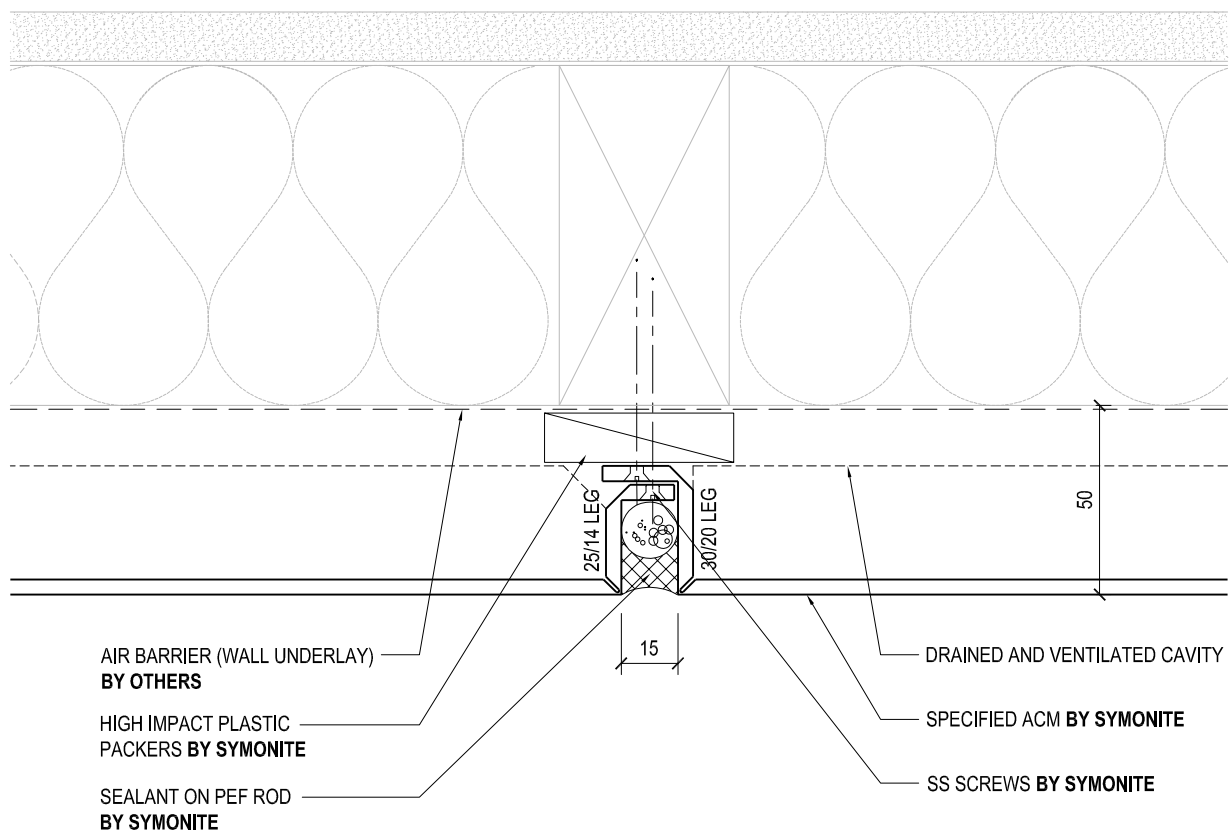


ROUT AND RETURN SYSTEM

CONTENT PAGE



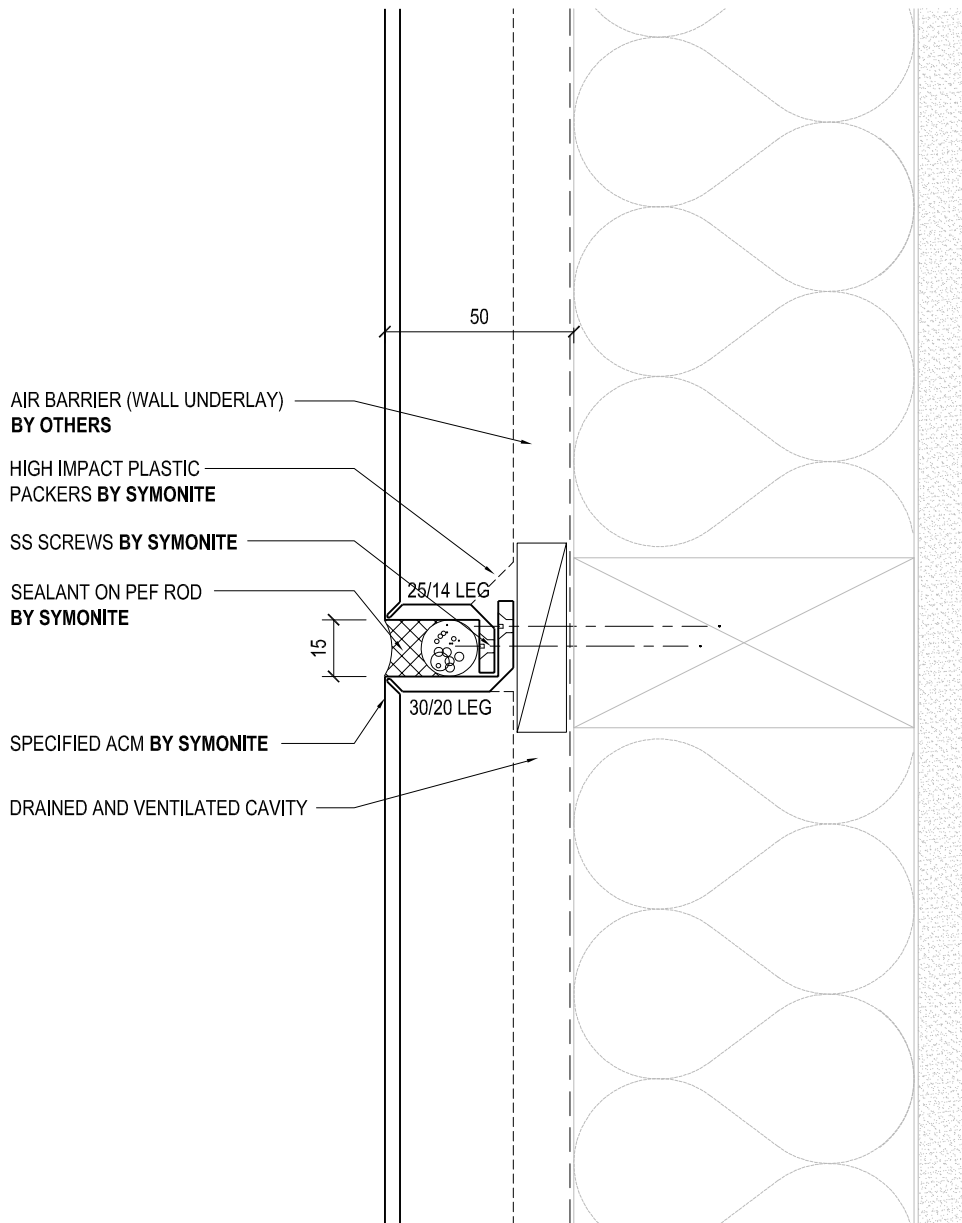
01	TYPICAL VERTICAL JOINT DETAIL
02	TYPICAL HORIZONTAL JOINT DETAIL
03	15 mm OPEN DRAINAGE JOINT
04	RESIDENTIAL WINDOW HEAD DETAIL
05	RESIDENTIAL WINDOW SILL DETAIL
06	RESIDENTIAL WINDOW JAMB DETAIL
07	COMMERCIAL WINDOW HEAD DETAIL
08	COMMERCIAL WINDOW SILL DETAIL
09	COMMERCIAL WINDOW JAMB DETAIL
10	FASCIA AND SOFFIT (METAL ROOF)
11	FASCIA AND SOFFIT (MEMBRANE ROOF)
12	SOFFIT WALL/JUNCTION DETAIL 1
13	SOFFIT WALL/JUNCTION DETAIL 2
14	BASE CLEARANCE / DETAIL 1
15	BASE DETAIL 2
16	ACM/PRECAST JUNCTION DET. 1
17	ACM/PRECAST JUNCTION DET. 2
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20	INTERNAL CORNER DETAIL 2
21	INTERNAL CORNER DETAIL 3
22	INTERNAL CORNER DETAIL 4
23	ACM WALL JUNCTION DETAIL 1
24	ACM WALL JUNCTION DETAIL 2
25	WINDOW HEAD DETAIL (ALTERNATIVE DET)
26	WINDOW HEAD DETAIL (ALTERNATIVE DET)
27	WINDOW HEAD DETAIL (ALTERNATIVE DET)
28	X
29	X
30	RAIN HEAD/OUTLET THROUGH WALL DETAIL
31	TYPICAL RAIN HEAD PLAN
32	DOWNPIPE / ACM FIXING DETAIL
33	PENETRATION DETAIL
34	PENETRATION DETAIL
35	PENETRATION DETAIL
36	PENETRATION DETAIL
37	PENETRATION DETAIL
38	PENETRATION DETAIL
39	SADDLE FLASHING DETAIL
40	SADDLE FLASHING DETAIL
41	BALUSTRADE DETAIL
42	DECK DETAIL
43	COMMERCIAL WINDOW SILL DETAIL - RECESSED
44	ACM TO ACM CONNECTION
1000	JOINT WITH EDGE SUPPORT DETAIL



DRAWING TITLE
STANDARD VERTICAL JOINT DETAIL

DRAWING STATUS	SHEET NO.	ISSUE
ARCHITECTURAL RESOURCE	01	A
SCALE: 1:2	DATE: DECEMBER 2014	

ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

STANDARD HORIZONTAL JOINT DETAIL

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

02

ISSUE

A

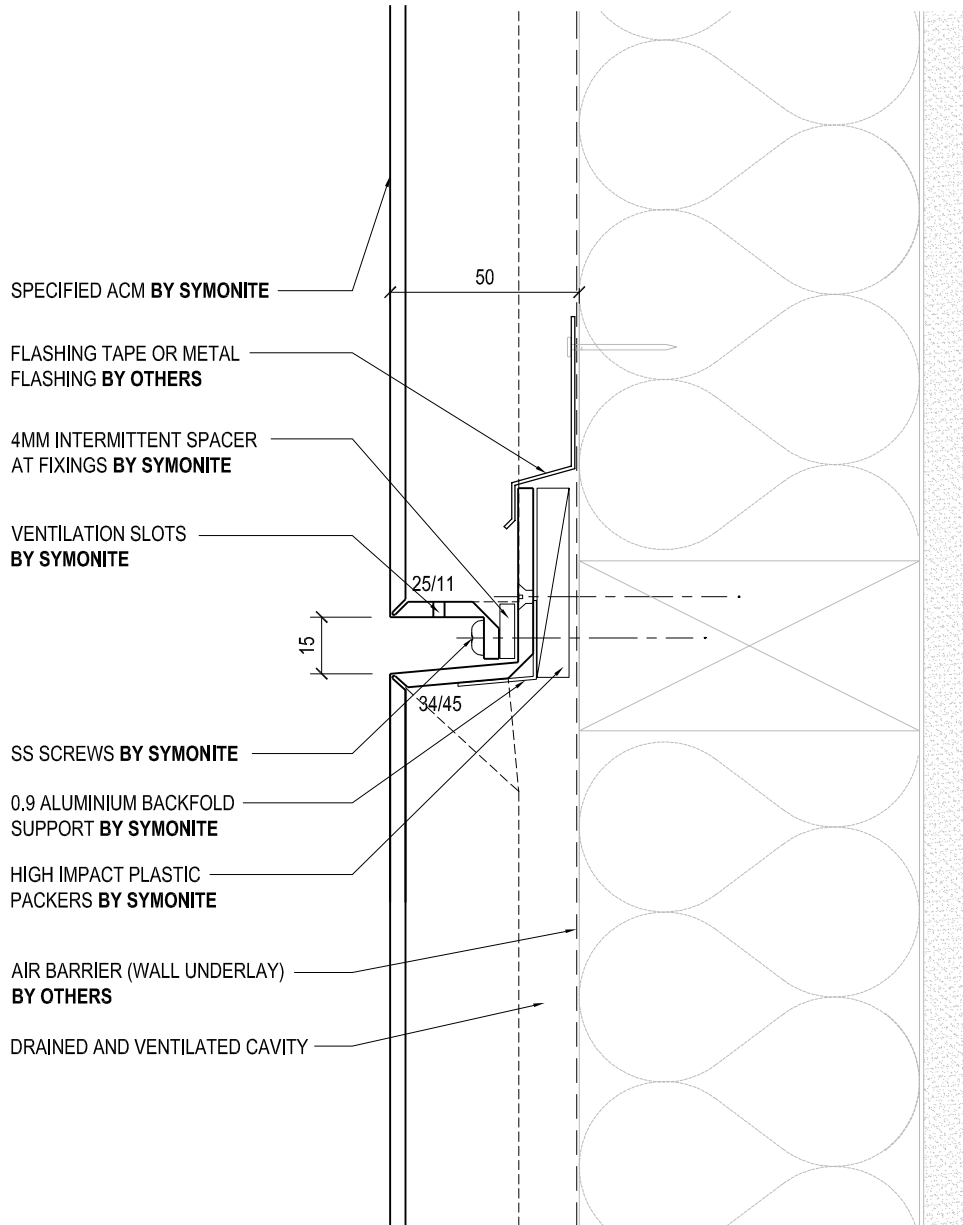
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ROUT AND RETURN SYSTEM



NOTE

- OPEN DRAINAGE JOINT IS ONLY REQUIRED ON HIGHRISE BUILDINGS AT EVERY SECOND FLOOR LEVEL. FOR BUILDINGS WHERE THE ACM WALL SPANS OVER MORE THAN 3 STOREYS HIGH

SYMONITE

DRAWING TITLE

15mm OPEN JOINT DETAIL

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

03

ISSUE

A

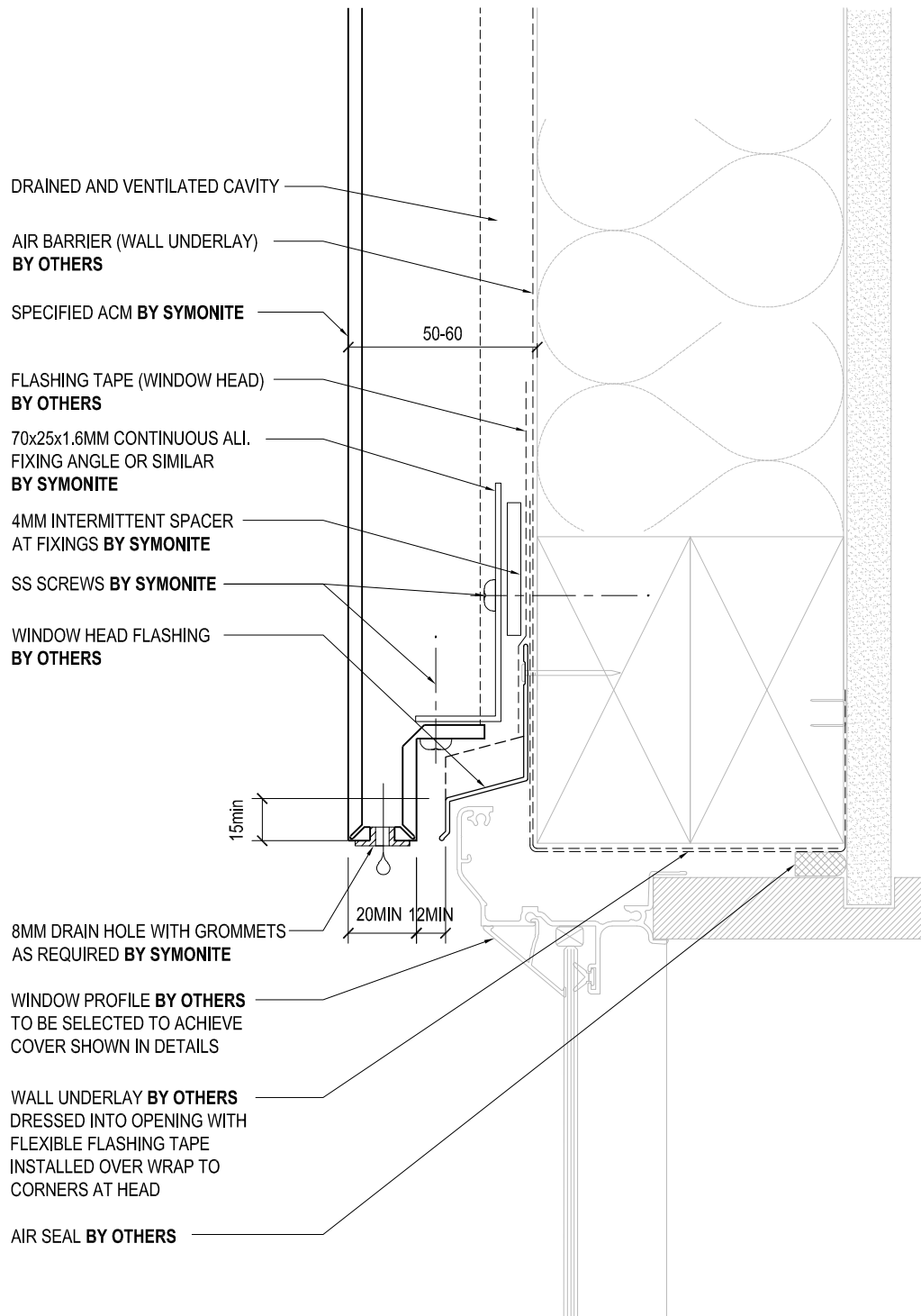
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

RESIDENTIAL WINDOW HEAD
DETAIL

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

04

ISSUE

B

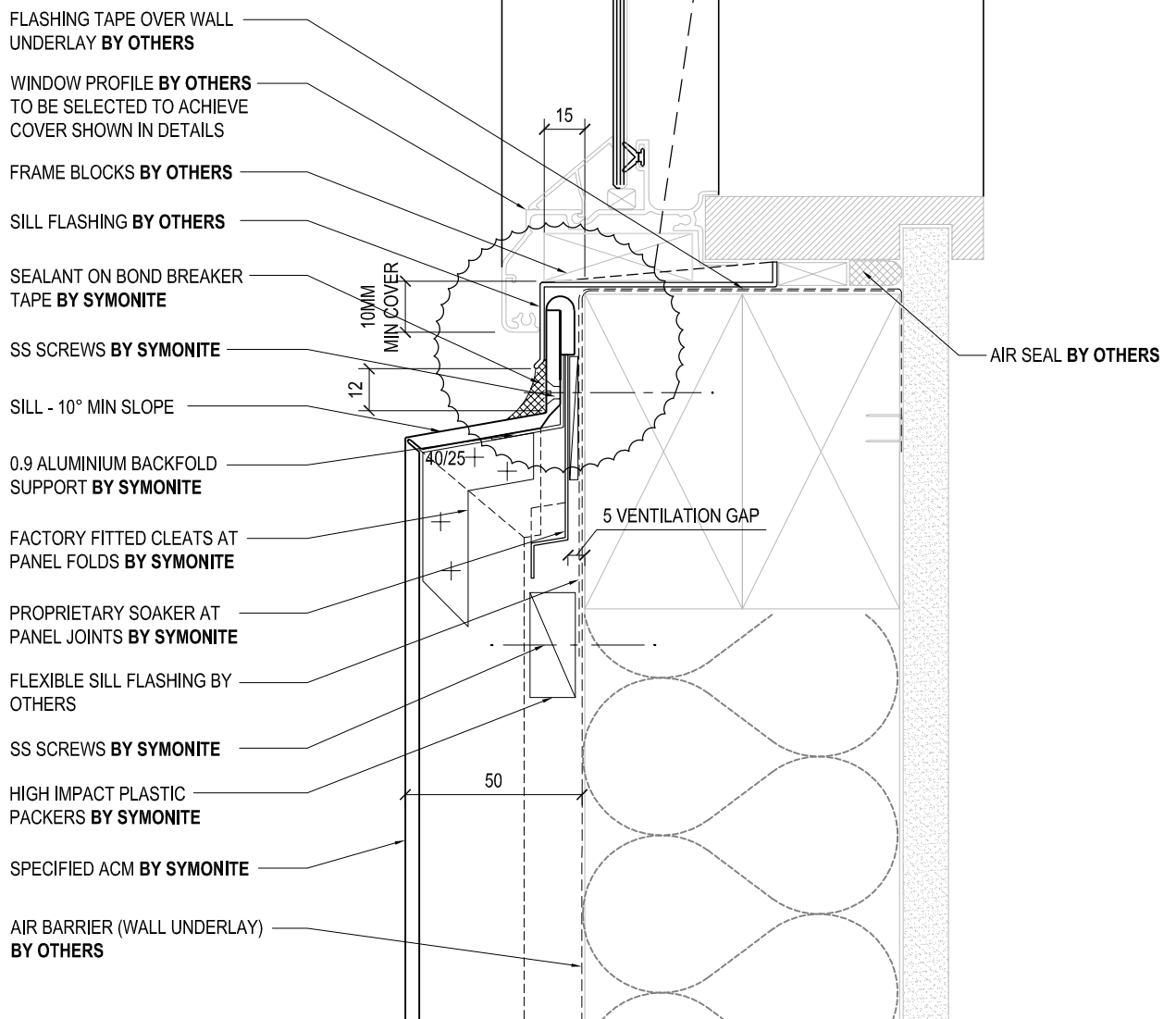
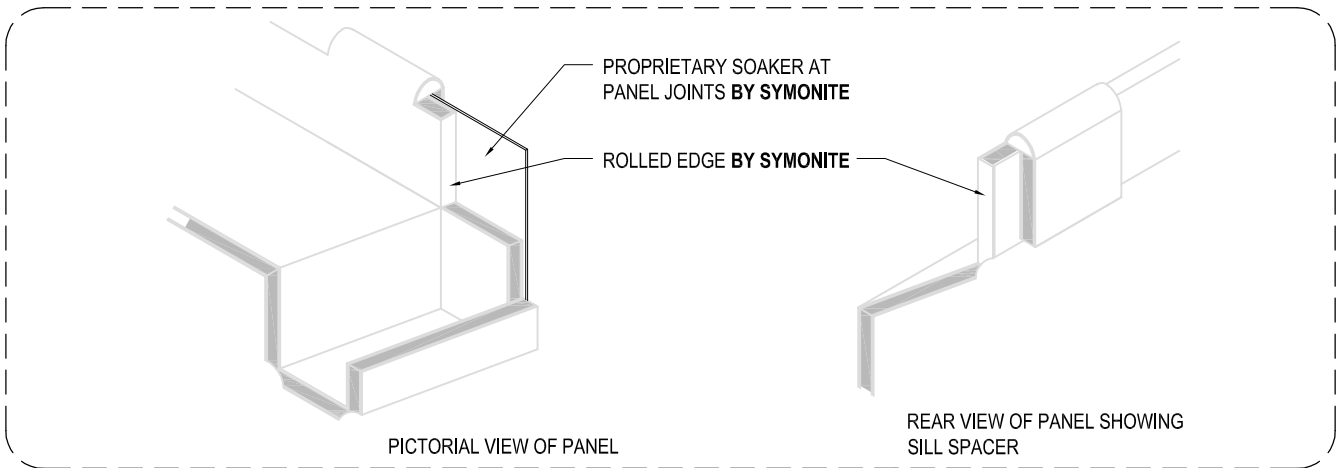
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

RESIDENTIAL WINDOW SILL DETAIL

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

05

ISSUE

B

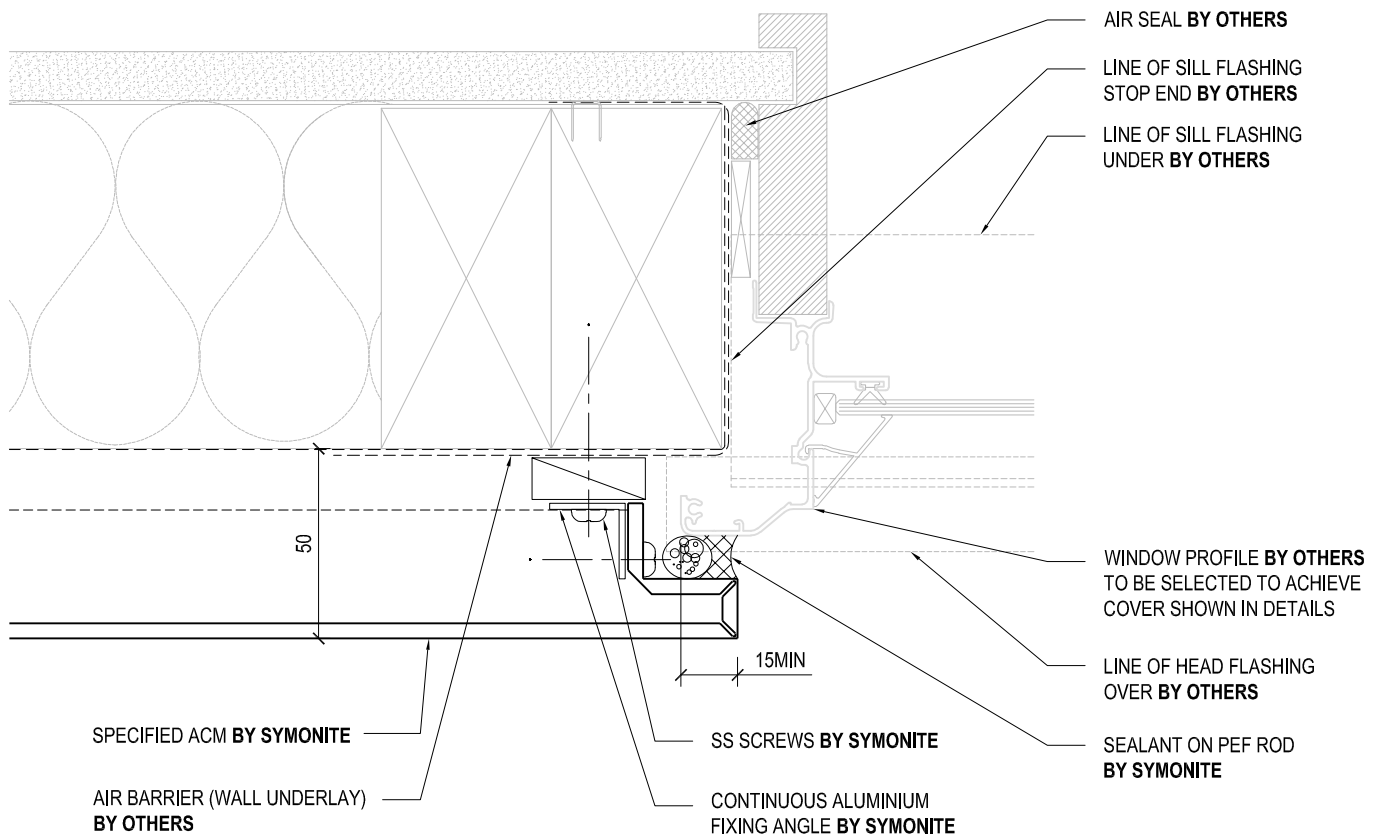
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

RESIDENTIAL WINDOW JAMB DETAIL

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

06

ISSUE

A

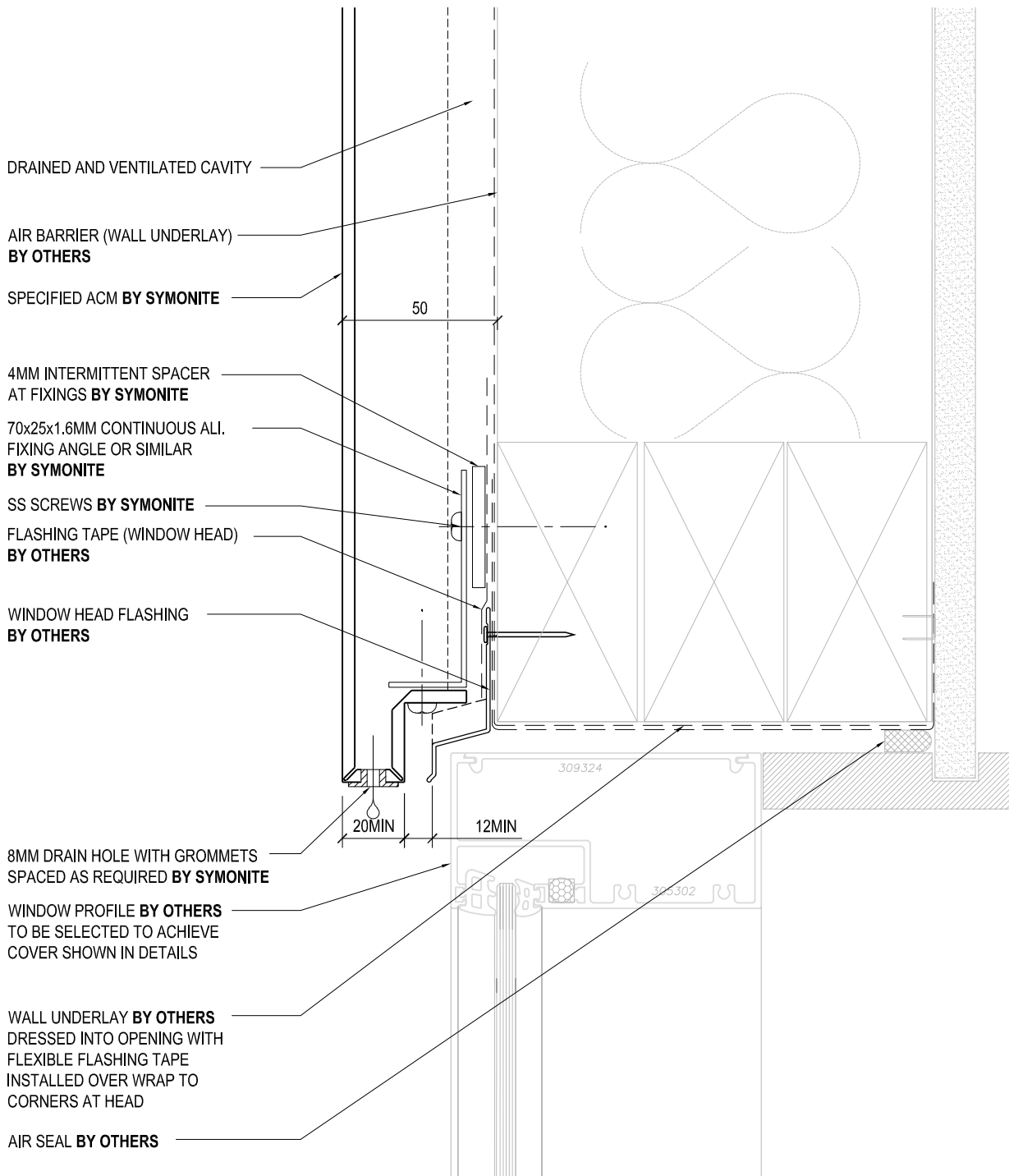
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

COMMERCIAL WINDOW HEAD DETAIL

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

07

ISSUE

B

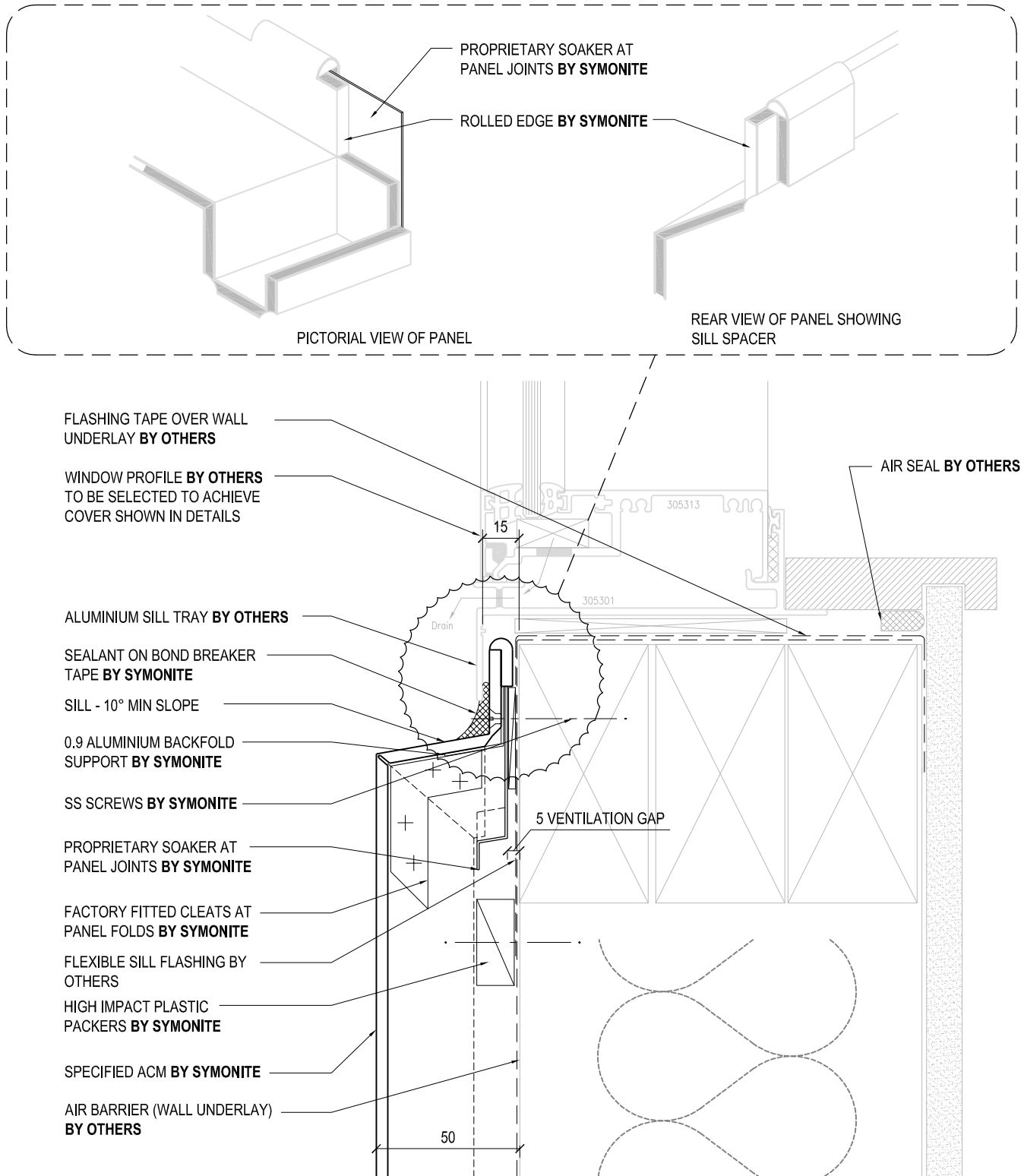
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

COMMERCIAL WINDOW SILL
DETAIL

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

08

ISSUE

B

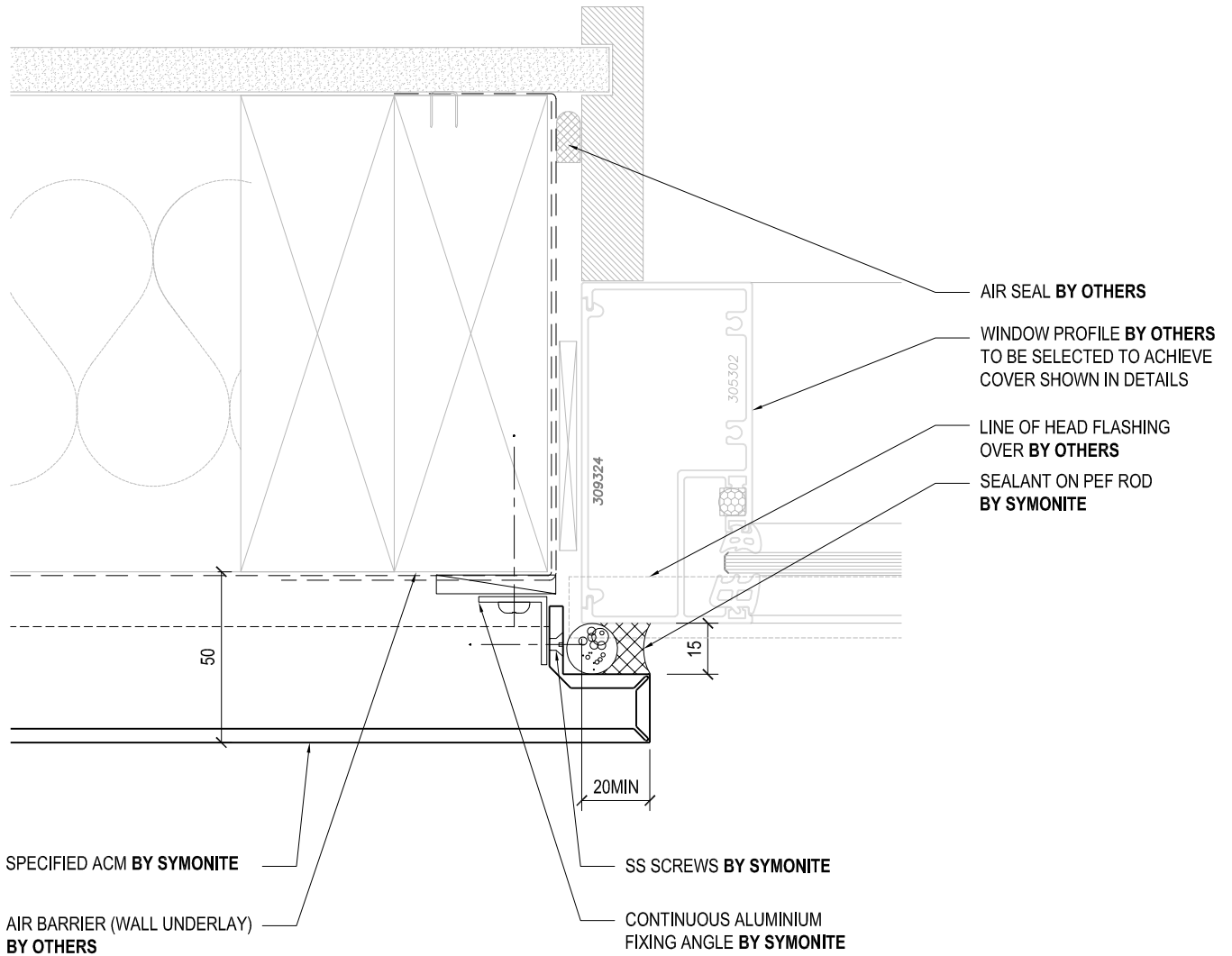
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

COMMERCIAL WINDOW JAMB DETAIL

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

09

ISSUE

A

SCALE: 1:2

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SIZE TO SUIT STRUCTURE (MIN 150MM MAX 300MM -
FOR SIZES EXCEEDING 300MM REFER TO SHEET 1000)



FLASHING TAPE OR METAL FLASHING BY OTHERS

SS SCREWS BY SYMONITE

SPECIFIED ACM BY SYMONITE

AIR BARRIER (WALL UNDERLAY)
BY OTHERS

DRAINED AND VENTILATED CAVITY

SS SCREWS BY SYMONITE

CONTINUOUS ALUMINIUM FIXING ANGLE BY SYMONITE

8MM DRAIN HOLE WITH GROMMETS BY SYMONITE

CONTINUOUS FIXING ANGLE BY SYMONITE

5° MIN. SLOPE

– PARAPET TURNDOWN & SCREW
FIXED TO ACM FIXING ANGLE

TO SUIT

TO SUIT

50 MIN

30mm LEG

35MM MIN. CLEARANCE
(BALCONIES, DECKS AND ROOF)

To suit	12mm min.	VARIABLE
---------	-----------	----------

– SOFFIT LINING BY OTHERS

Unsealed
Joint

DRAWING TITLE

DRAWING STATUS

FASCIA AND SOFFIT DETAIL

ARCHITECTURAL
RESOURCE

SHEET NO.

10

ISSUE

A

SCALE: 1:2

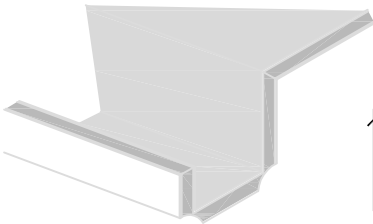
DATE: DECEMBER 2014

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ROUT AND RETURN SYSTEM



A-A PICTORIAL

SIZE TO SUIT STRUCTURE (MIN 150MM MAX 300MM -
FOR SIZES EXCEEDING 300MM REFER TO SHEET 1000

PARAPET TURNDOWN & SCREW FIXED TO ACM FIXING ANGLE

CONTINUOUS FIXING ANGLE BY SYMONITE

FACTORY FITTED CLEATS AT
PANEL FOLDS **BY SYMONITE**

WATERPROOFING MEMBRANE BY OTHERS

HIGH IMPACT PLASTIC
PACKERS BY SYMONITE

SS SCREWS BY SYMONITE

SPECIFIED ACM BY SYMONITE

AIR BARRIER (WALL UNDERLAY) BY OTHERS

DRAINED AND VENTILATED CAVITY

~~5° MIN. SLOPE~~

LIST

TO SUIT

50 M

35MM MIN. CLEARANCE
(BALCONIES, DECKS AND ROOF)

SS SCREWS BY SYMONITE

VENTILATION SLOTS BY SYMONITE

8MM DRAIN HOLE WITH GROMMETS BY SYMONITE

OPEN JOINT

SYMONITE

DRAWING TITLE

FASCIA AND SOFFIT DETAIL

DRAWING STATUS

ARCHITECTURAL RESOURCE

SHEET NO.

11

ISSN

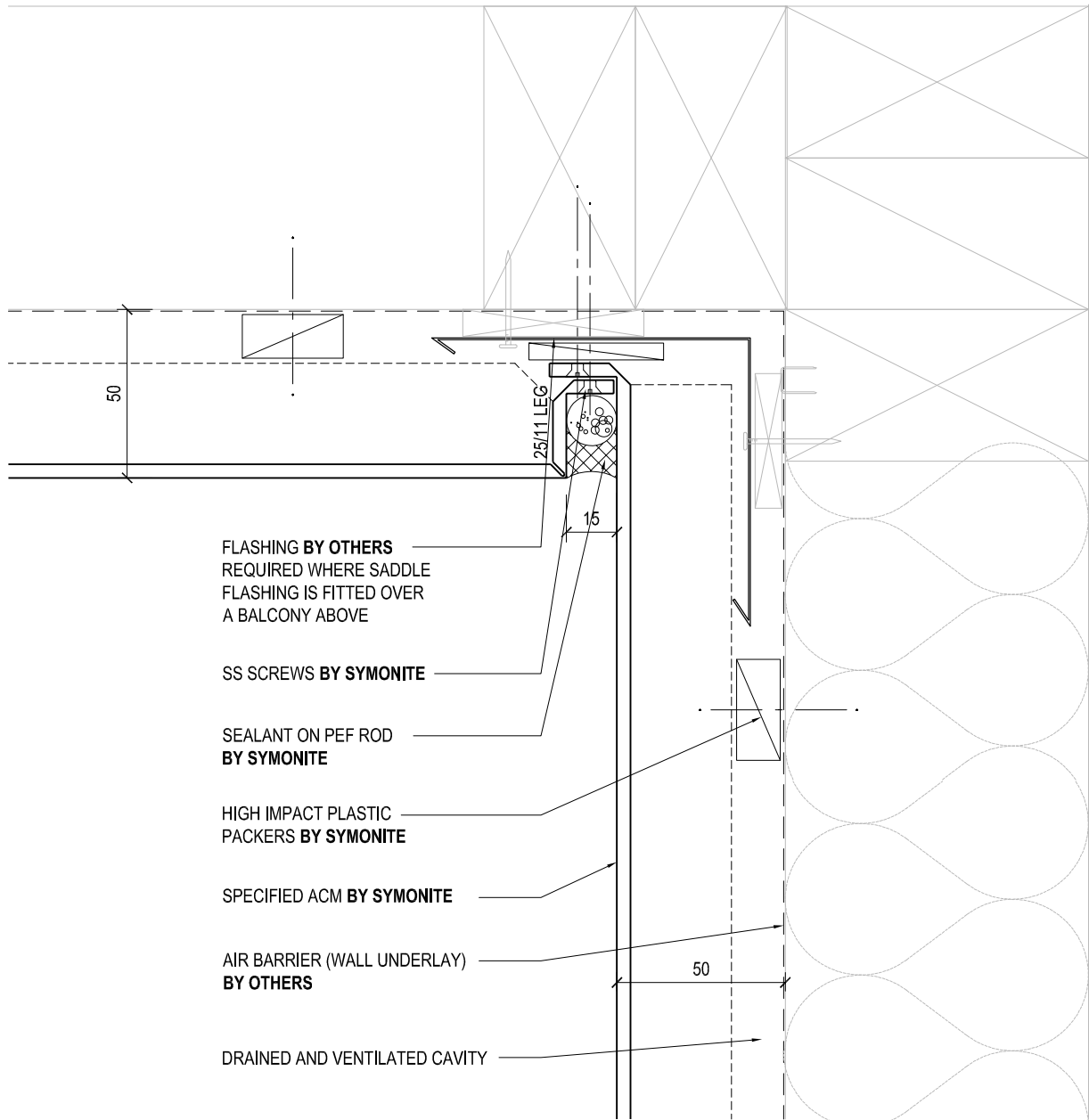
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DATE: DECEMBER 201

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SYMONITE

DRAWING TITLE

SOFFIT / WALL JUNCTION DETAIL

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

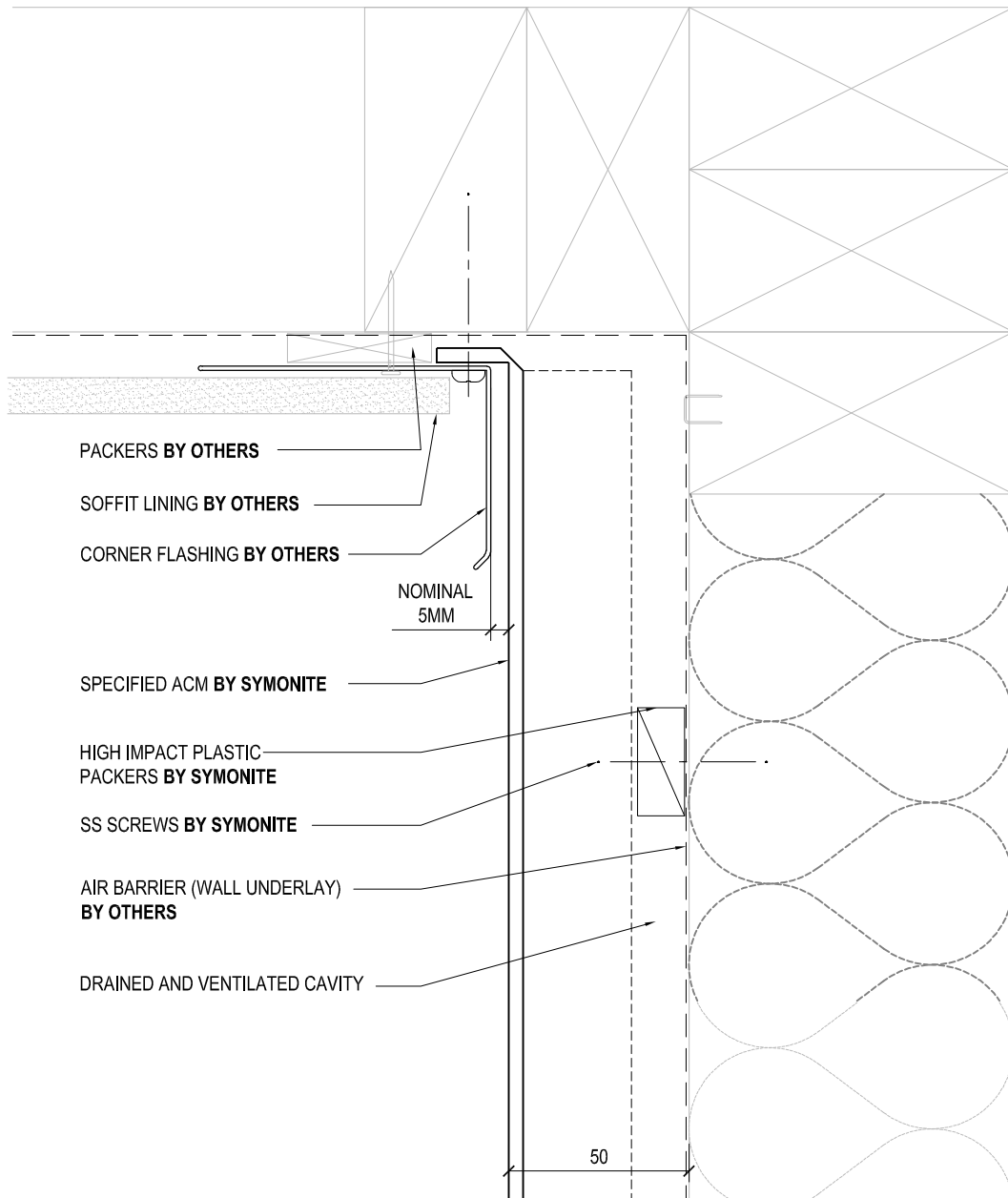
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ISSUE

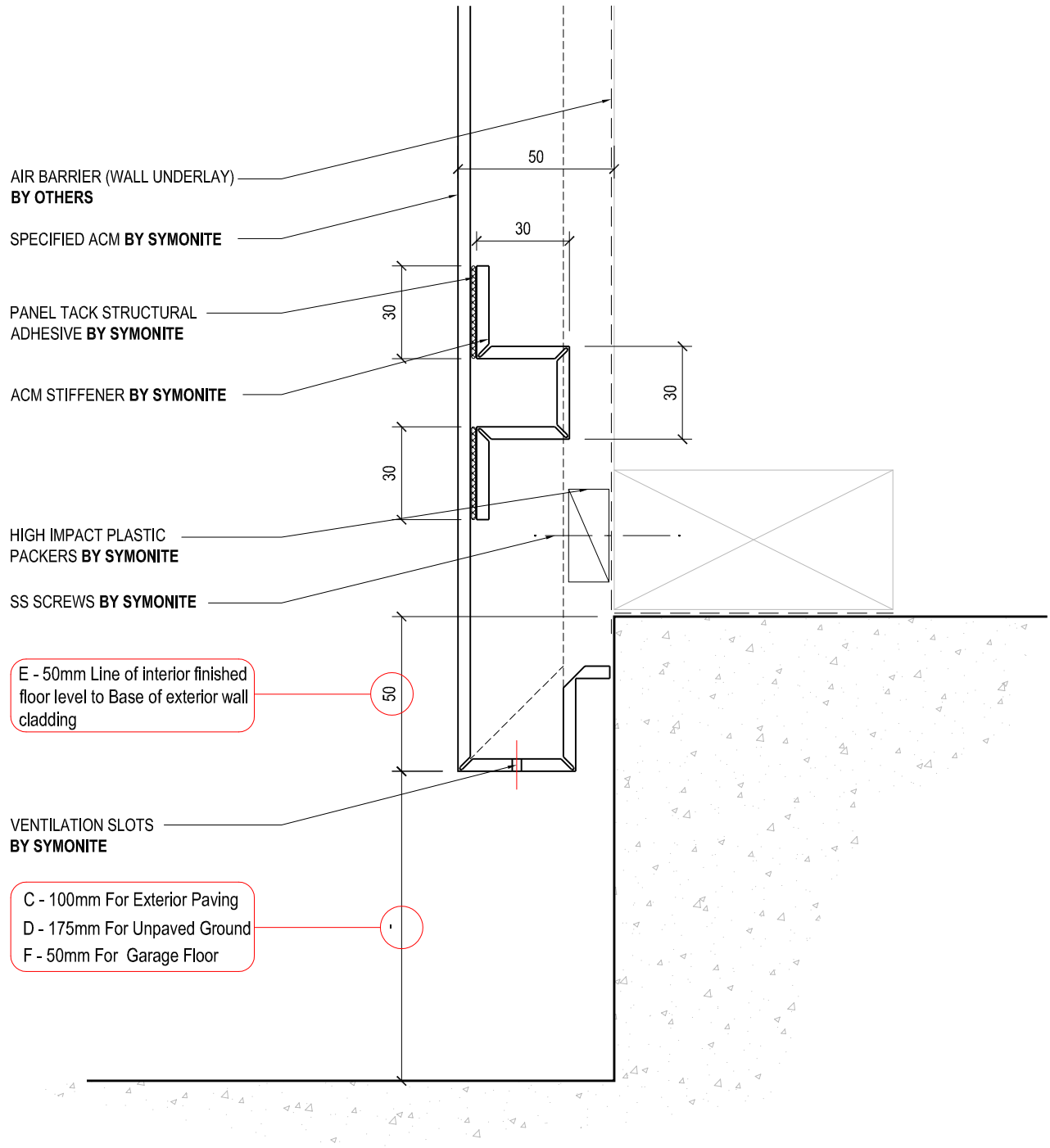
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SCALE: 1:2

DATE: DECEMBER 2014



ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

BASE CLEARANCE DETAIL 1

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

14

ISSUE

A

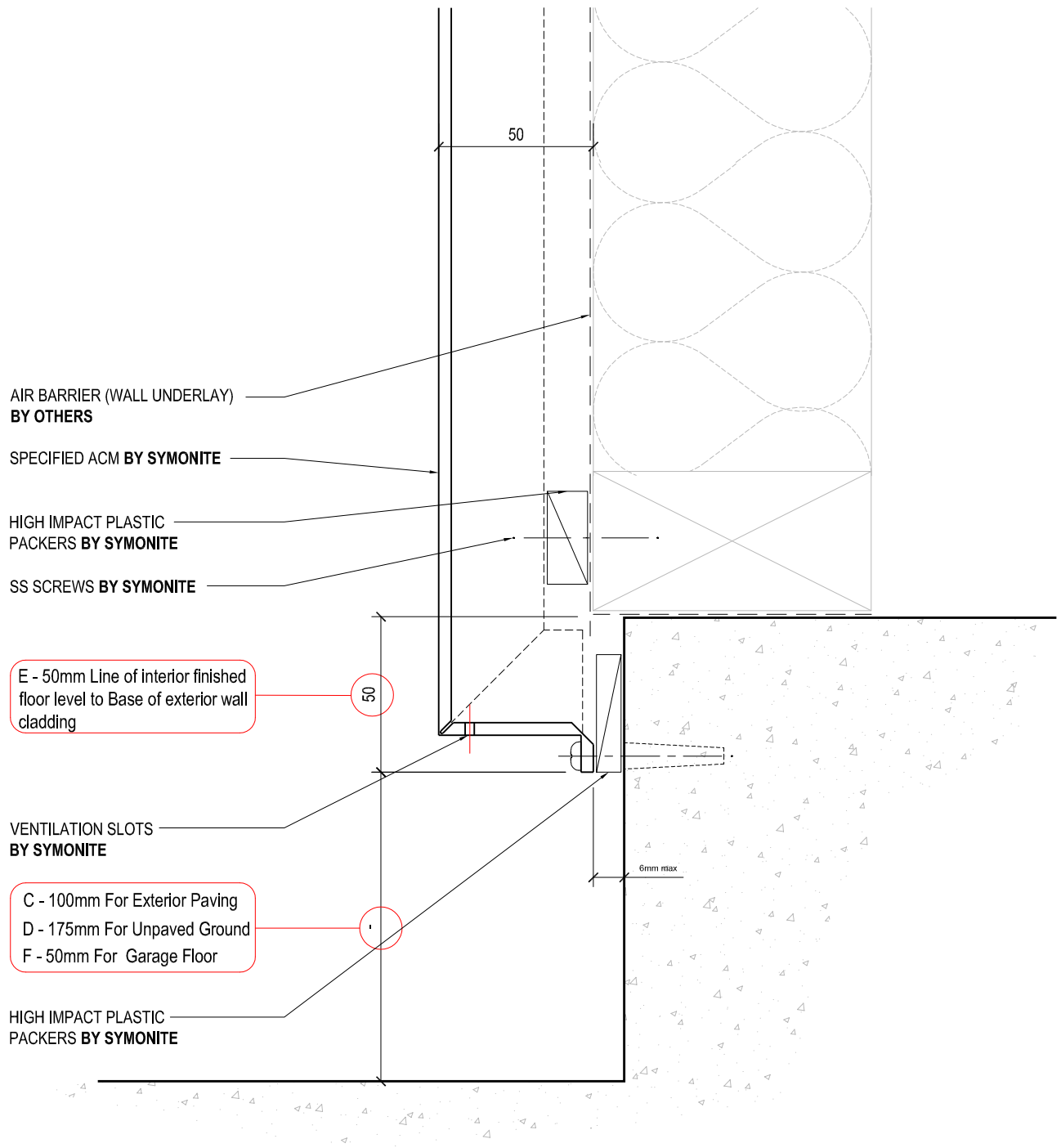
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

BASE CLEARANCE DETAIL 2

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

15

ISSUE

A

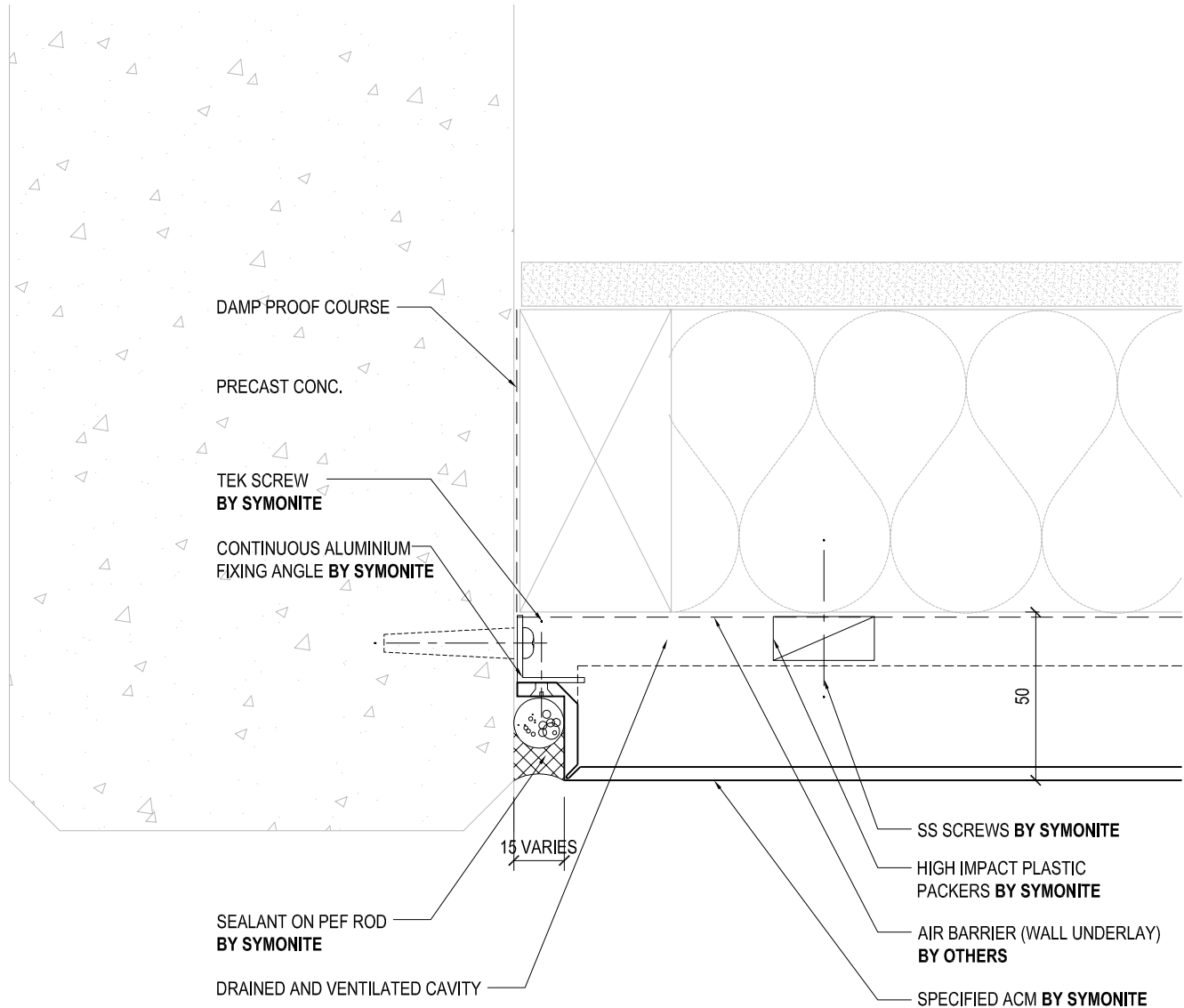
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

ACM / PRECAST JUNCTION DETAIL 1

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

16

ISSUE

A

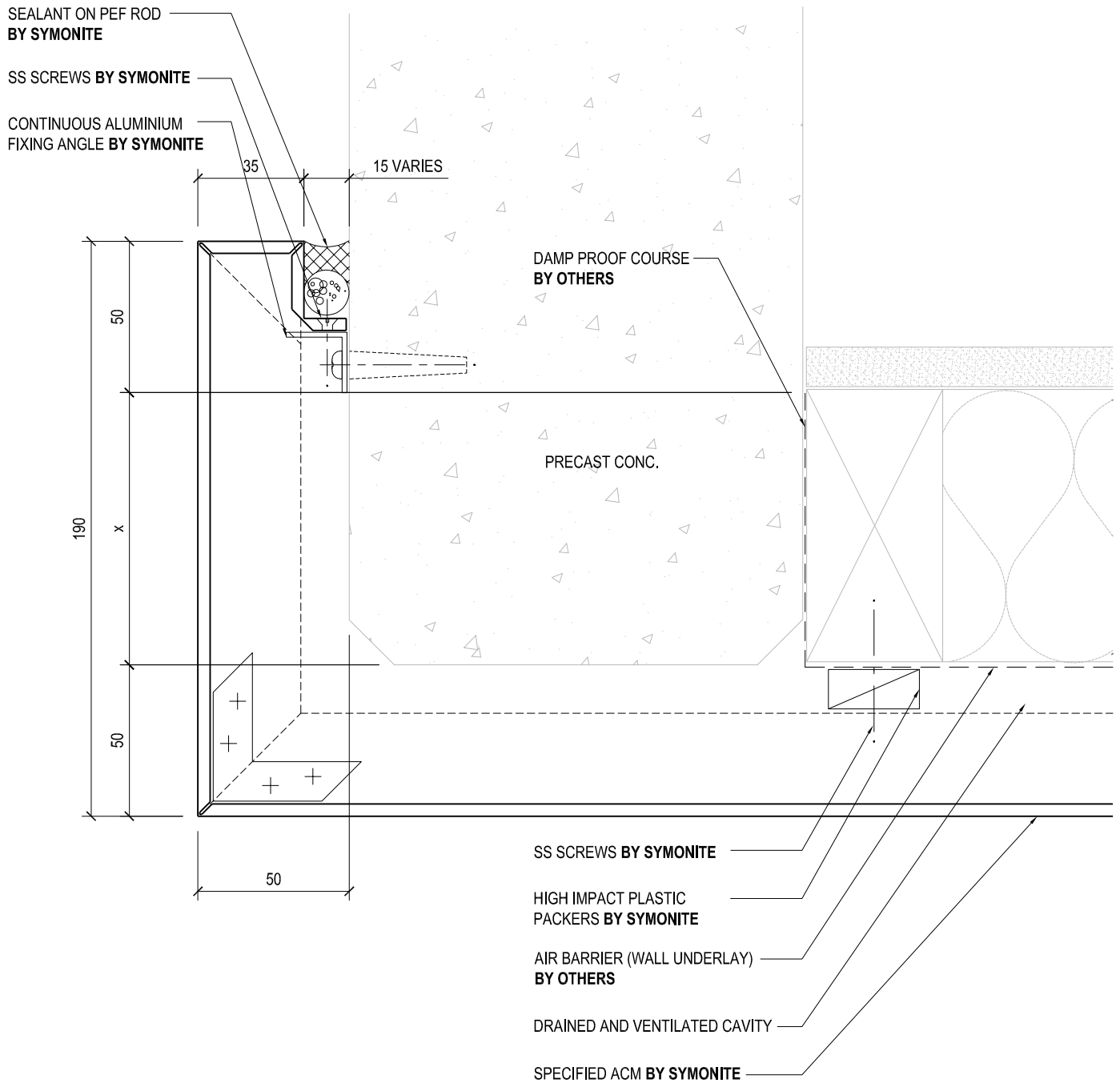
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

ACM / PRECAST JUNCTION DETAIL 2

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

17

ISSUE

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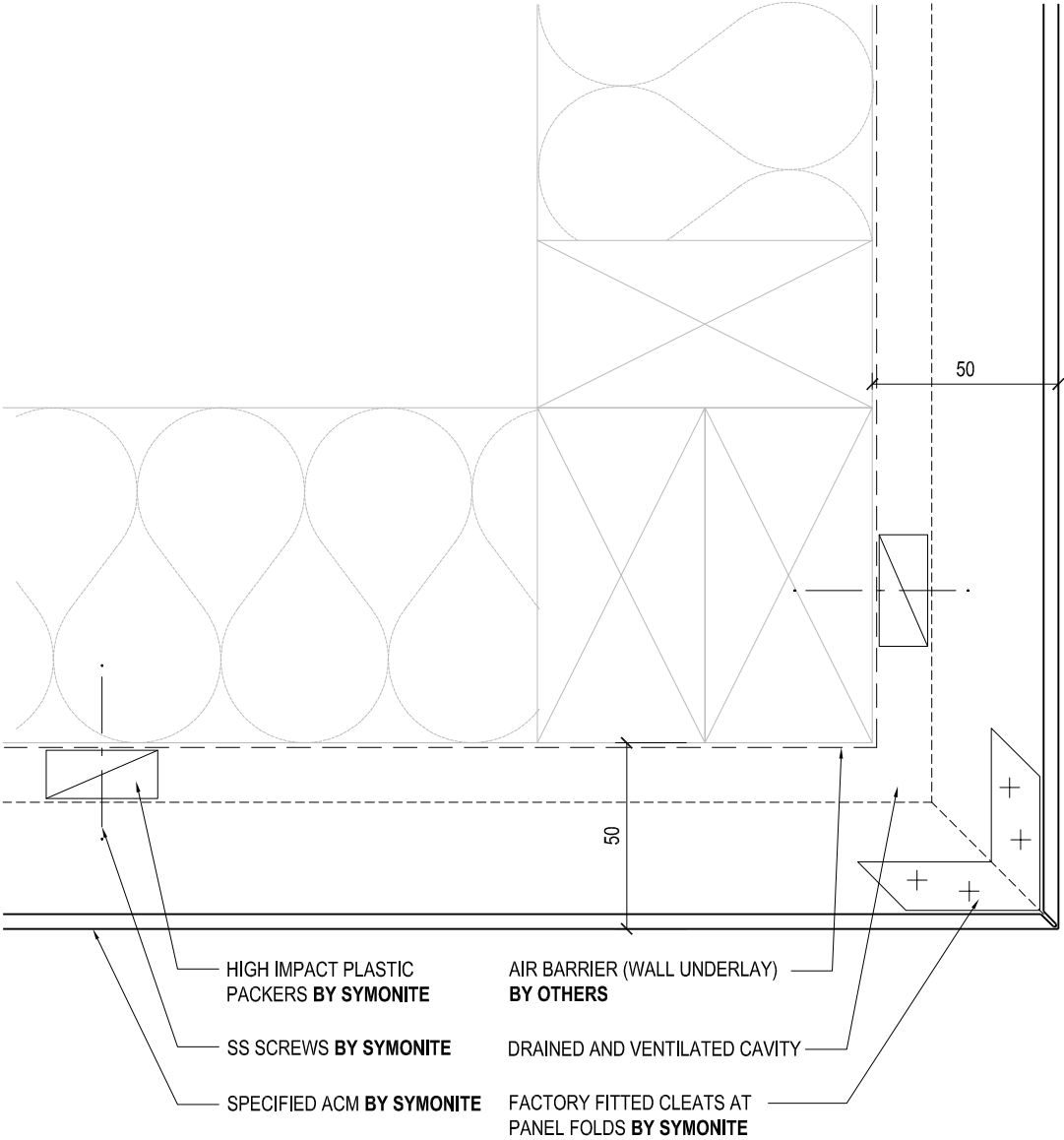
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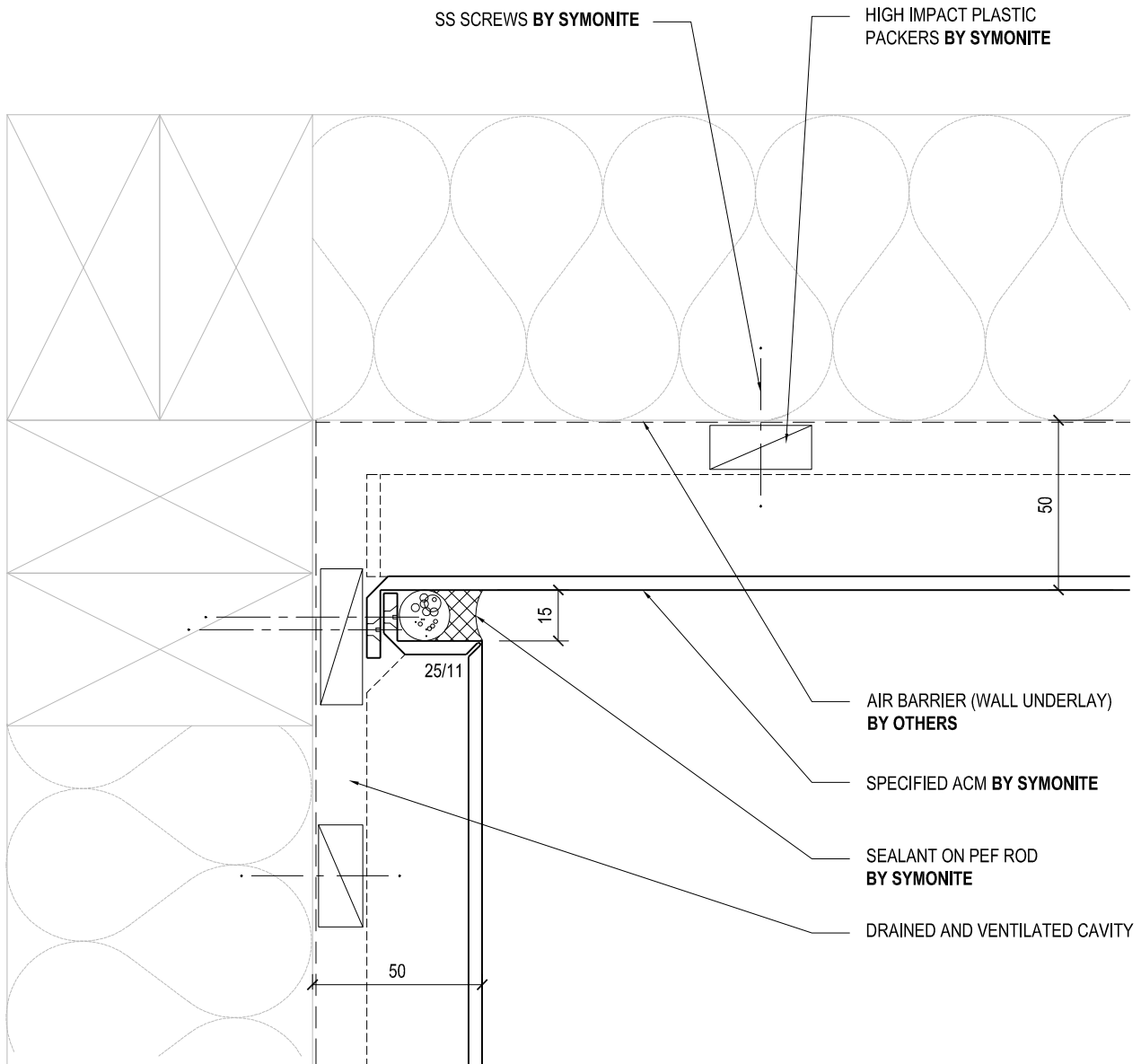
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ROUT AND RETURN SYSTEM



ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

INTERNAL CORNER DETAIL 1

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

19

ISSUE

A

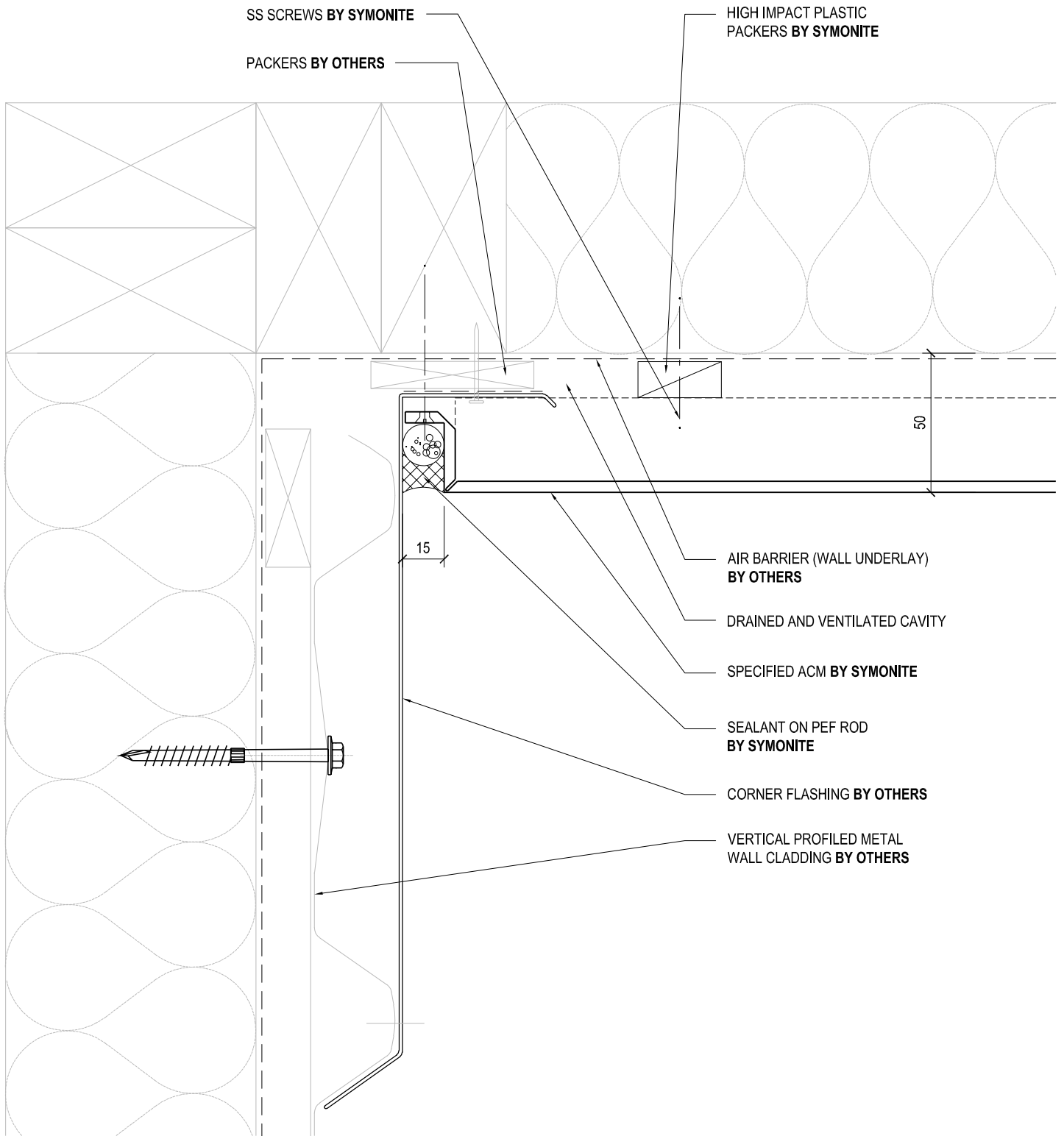
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

INTERNAL CORNER DETAIL 2

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

20

ISSUE

A

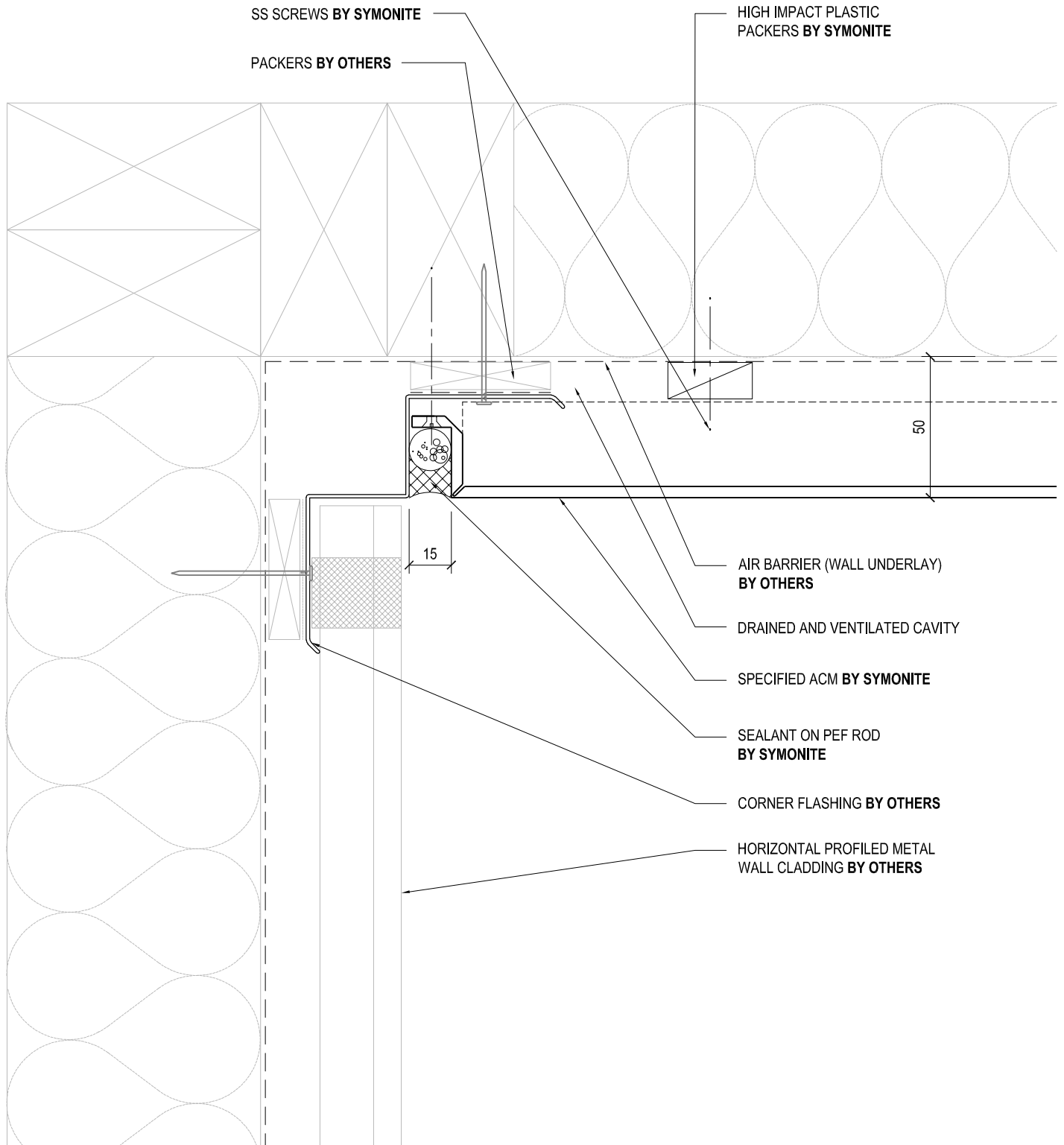
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

INTERNAL CORNER DETAIL 3

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

21

ISSUE

A

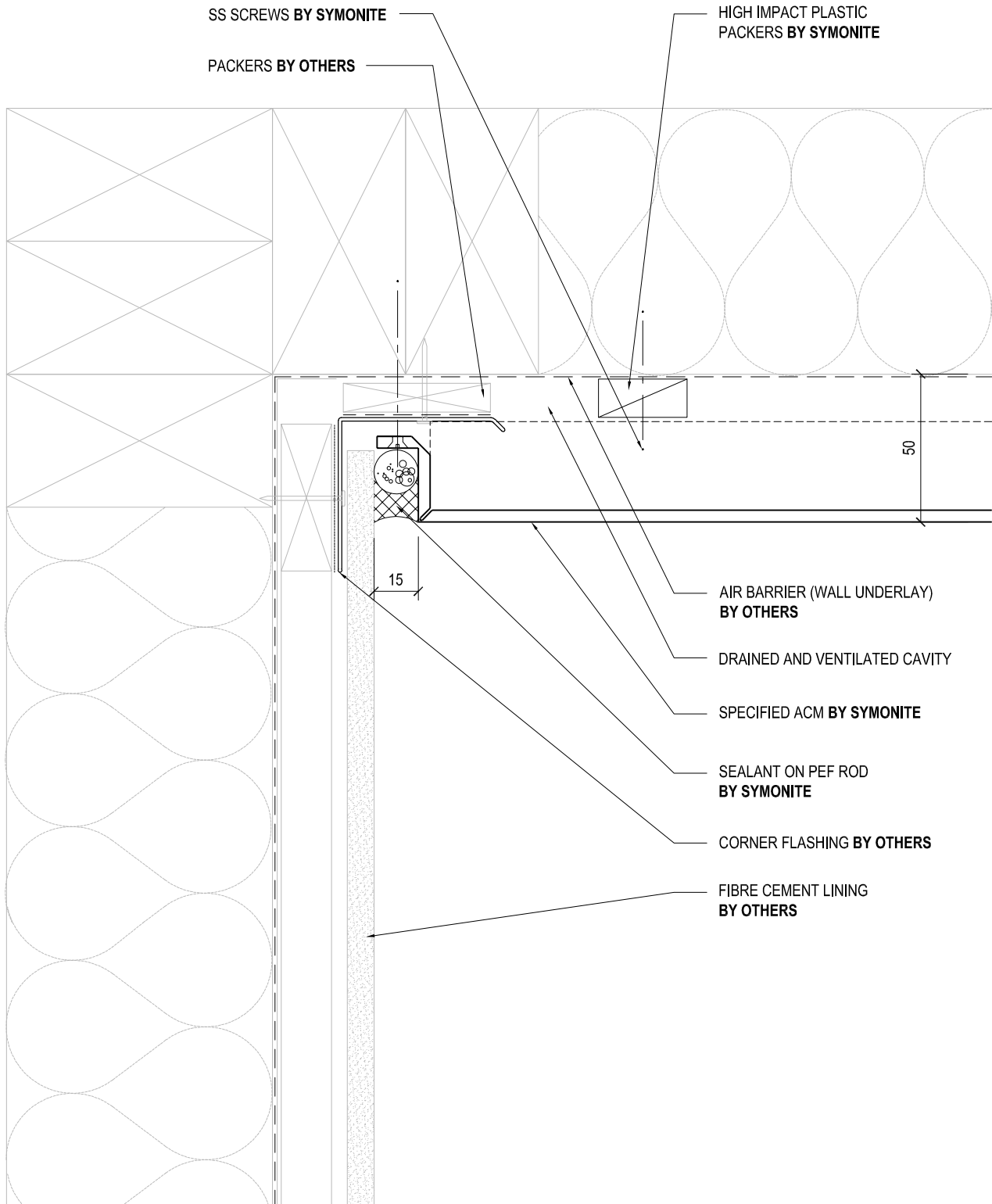
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

INTERNAL CORNER DETAIL 3

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

22

ISSUE

A

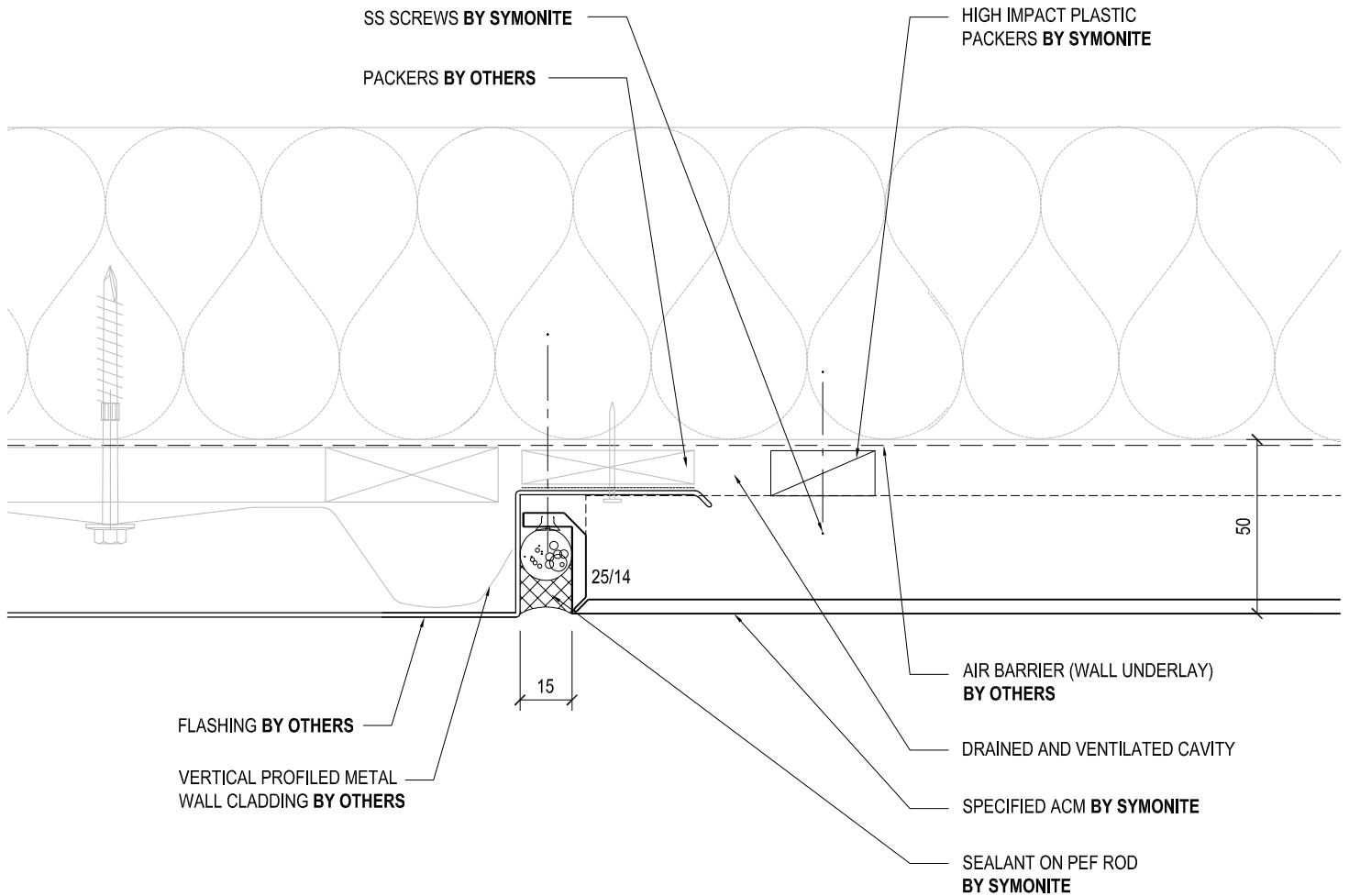
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

ACM / WALL JUNCTION DETAIL

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

23

ISSUE

A

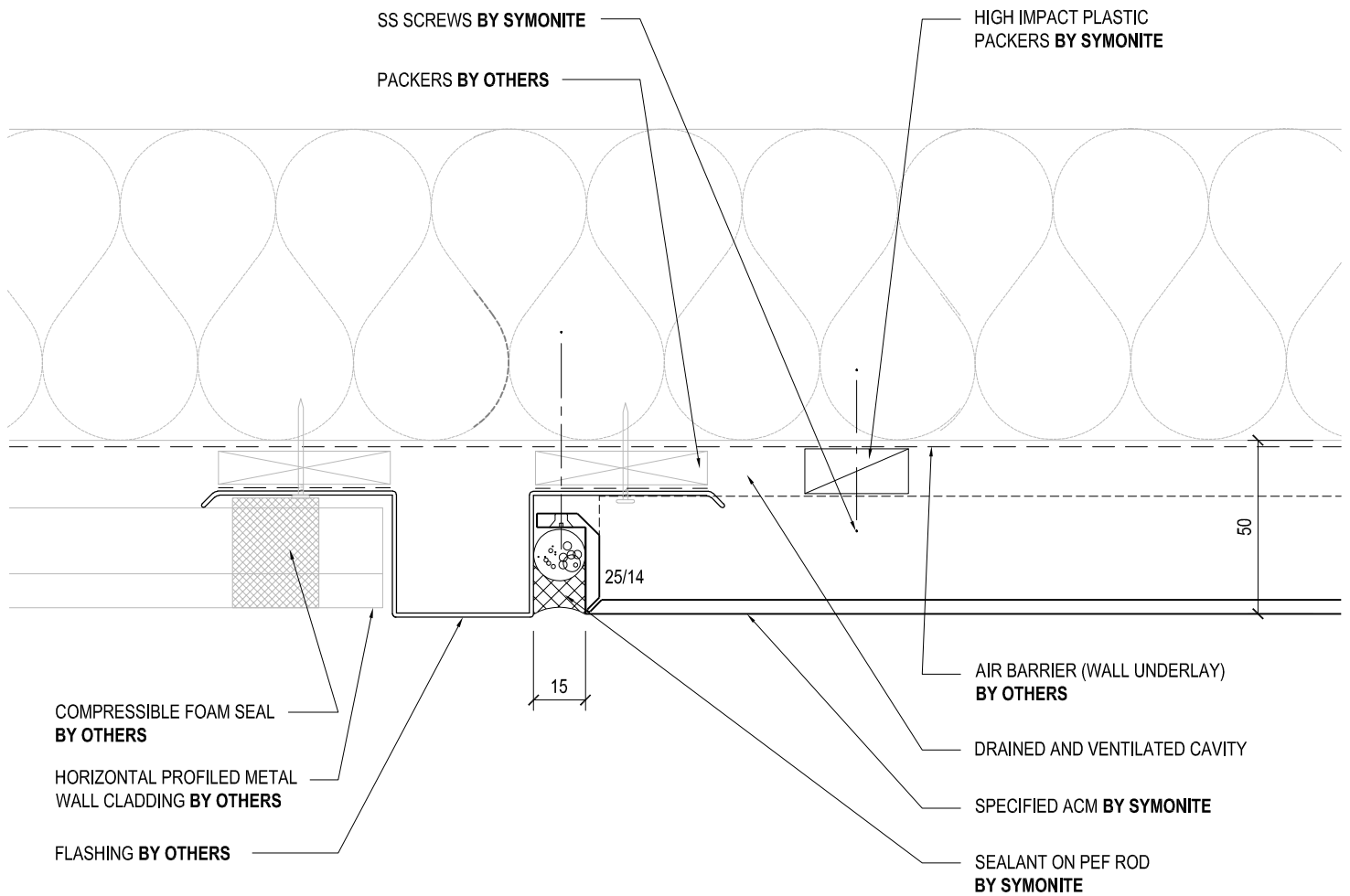
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

ACM / WALL JUNCTION DETAIL

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

24

ISSUE

A

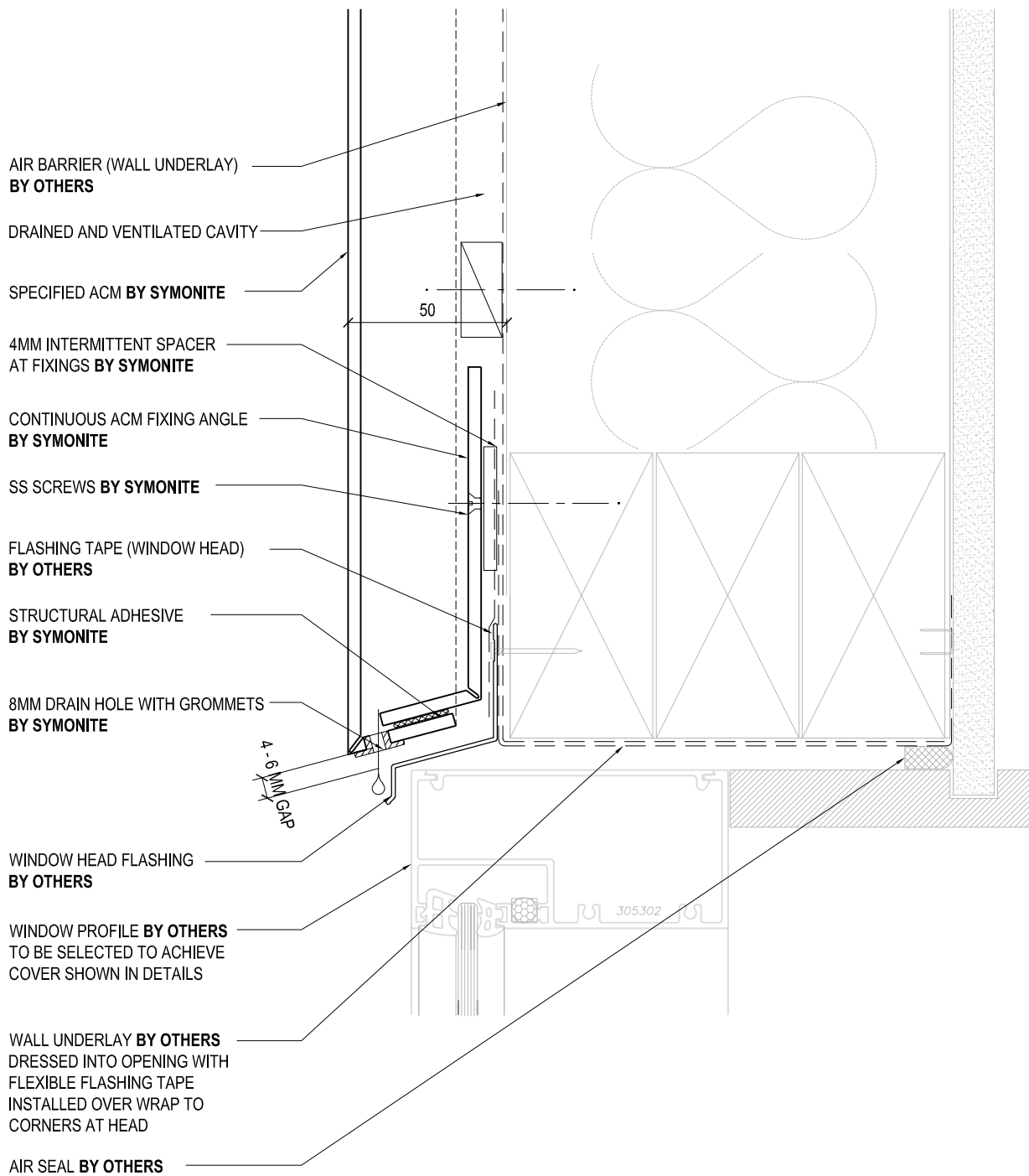
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

COMMERCIAL WINDOW HEAD DETAIL
(ALTERNATIVE DETAIL)

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

25

ISSUE

A

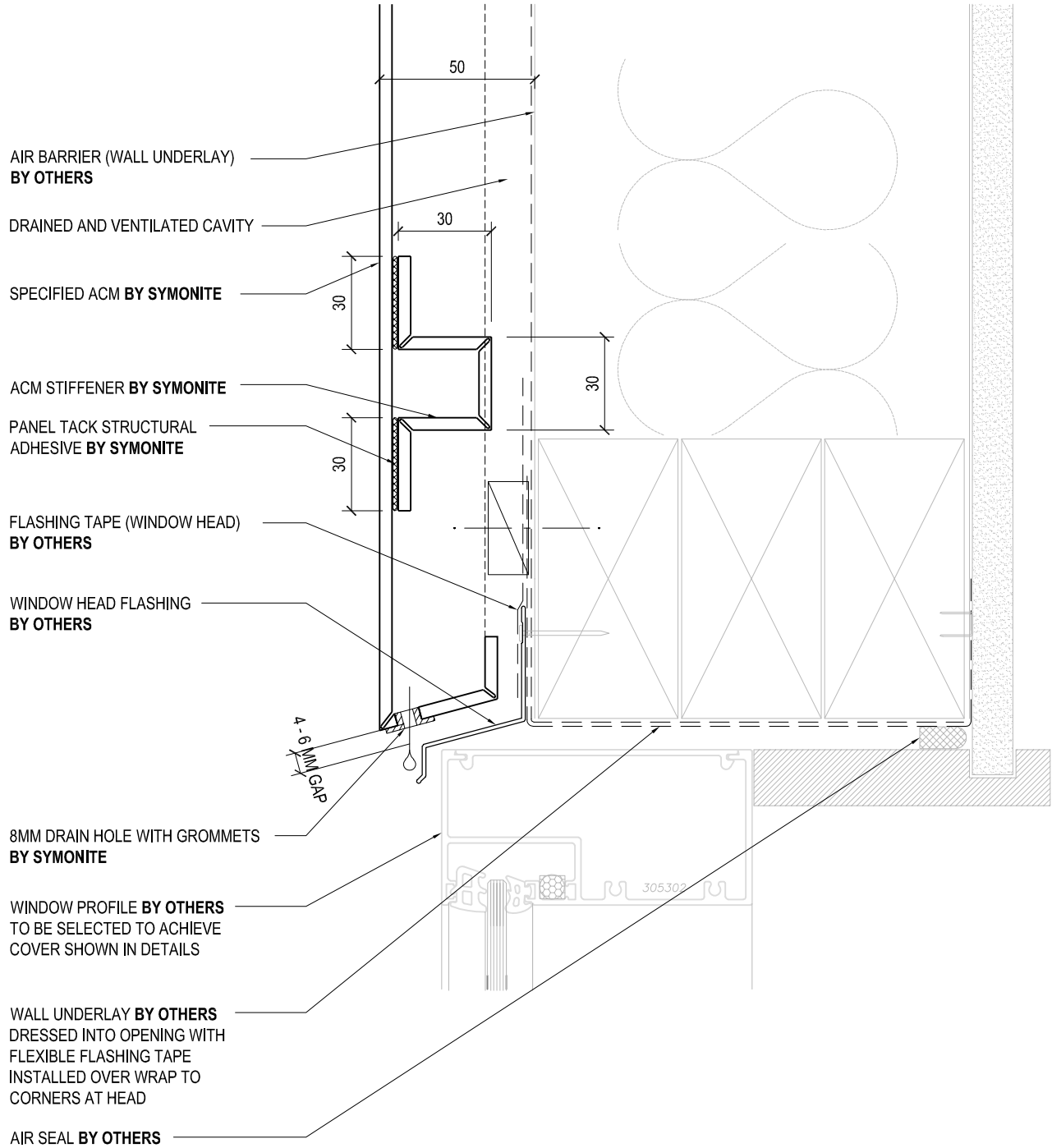
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

COMMERCIAL WINDOW HEAD DETAIL
(ALTERNATIVE DETAIL)

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

26

ISSUE

A

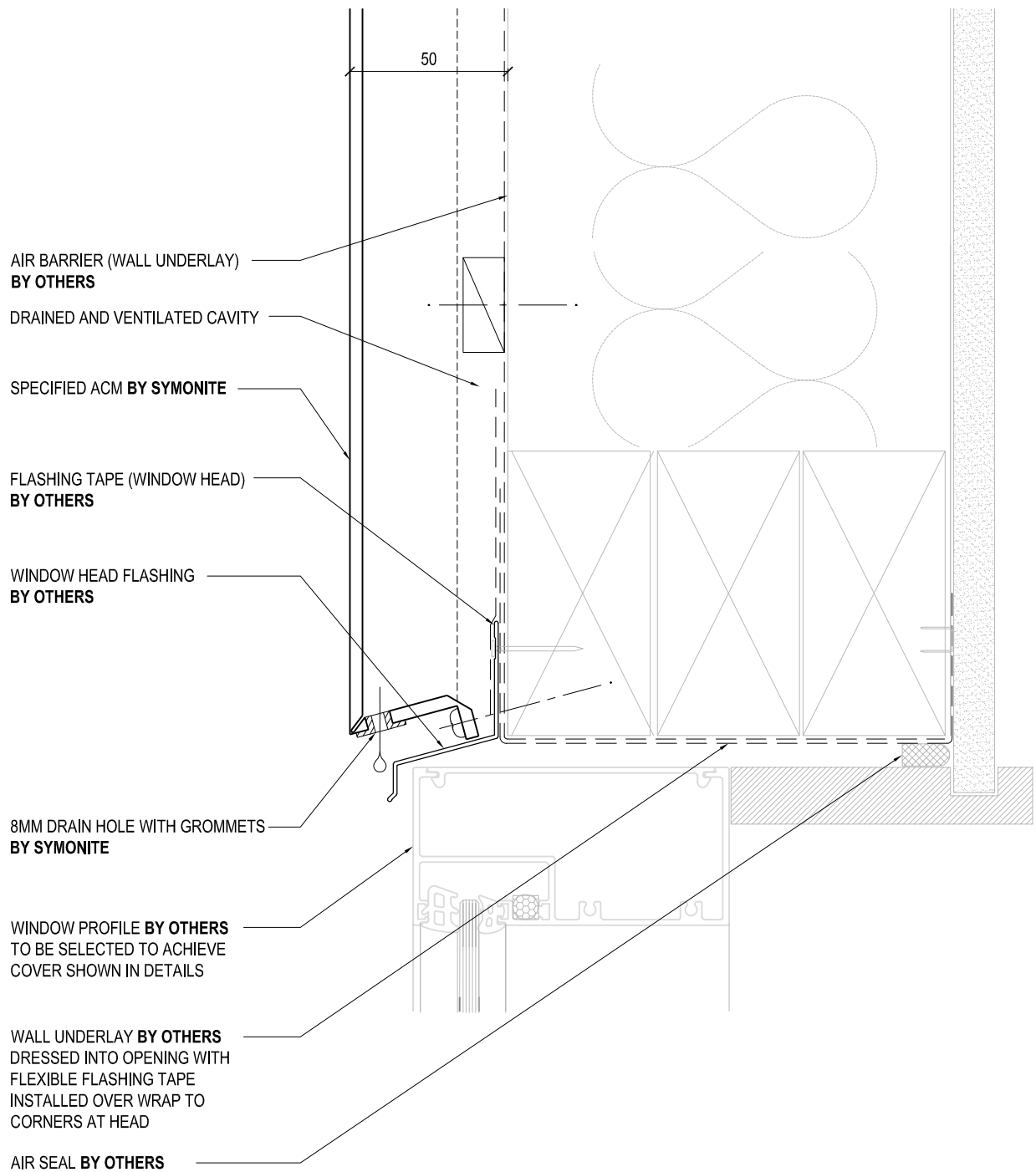
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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

COMMERCIAL WINDOW HEAD DETAIL
(ALTERNATIVE DETAIL)

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

27

ISSUE

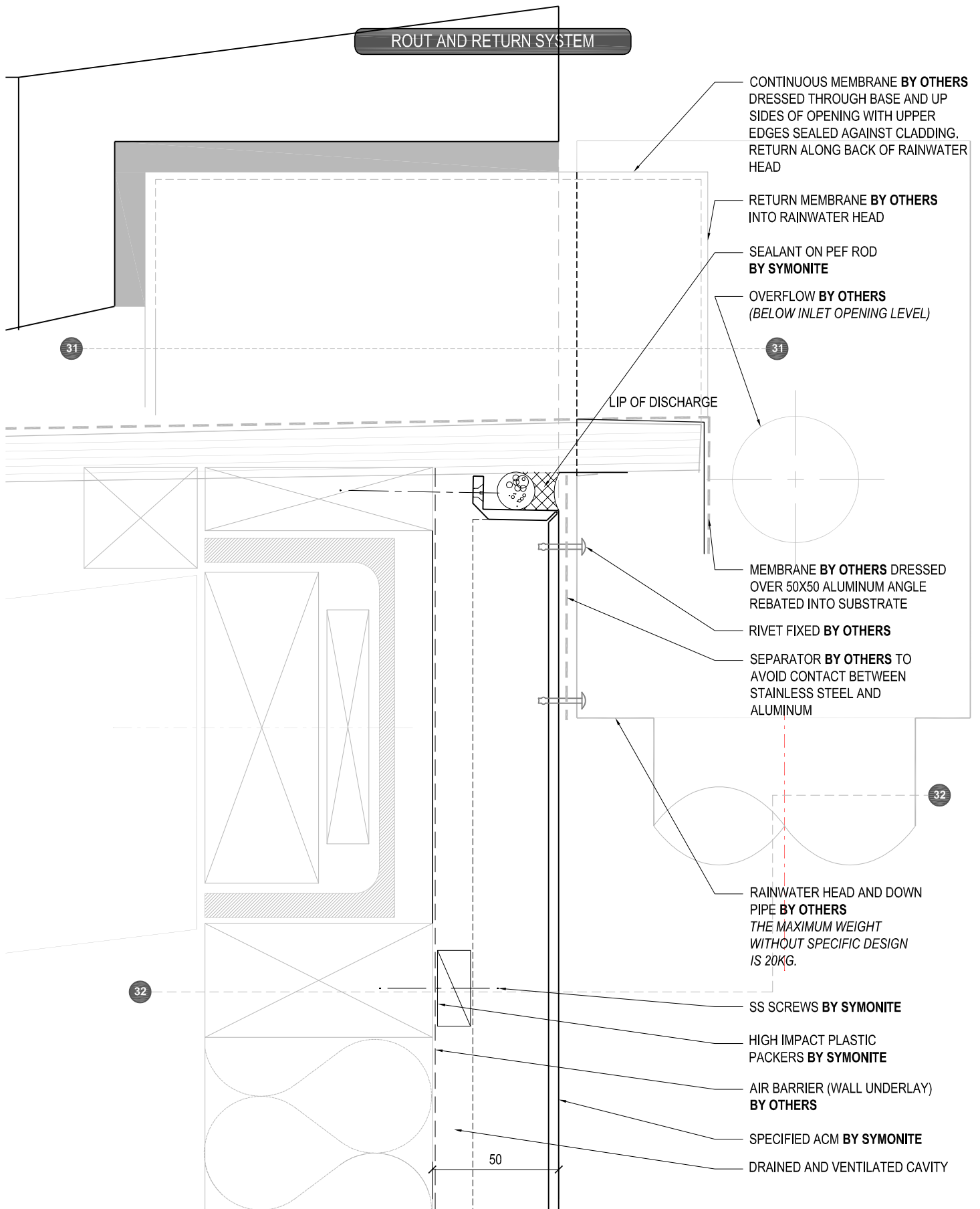
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SCALE: 1:2

DATE: DECEMBER 2014

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SYMONITE

DRAWING TITLE

TYPICAL RAIN HEAD/ OUTLET THROUGH WALL DETAIL

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

30

ISSUE

A

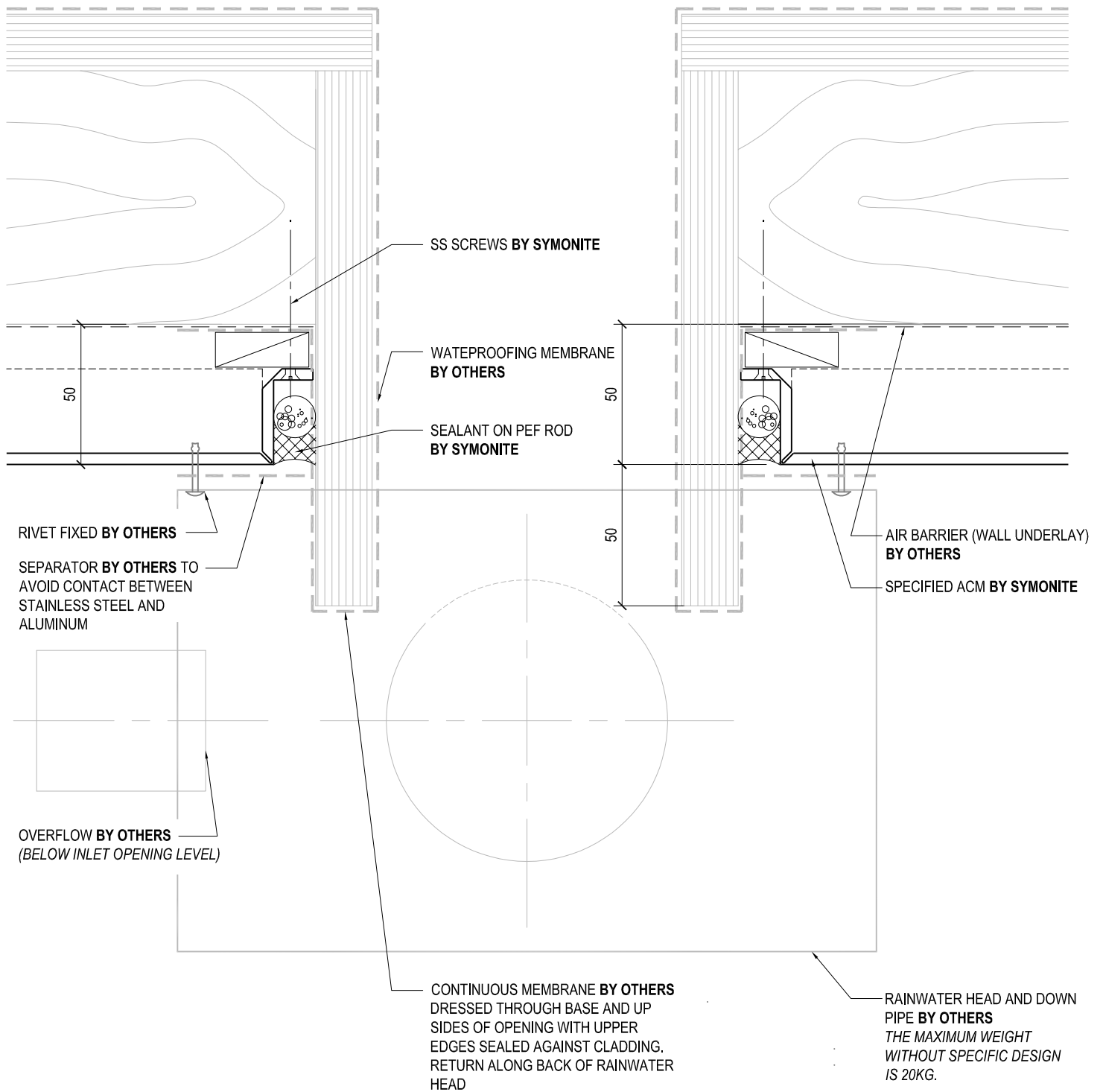
SCALE: 1:2

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ROUT AND RETURN SYSTEM



NOTE

- TO BE READ WITH SHEET 30 & 32

SYMONITE

DRAWING TITLE

TYPICAL RAIN HEAD DETAIL

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

31

ISSUE

A

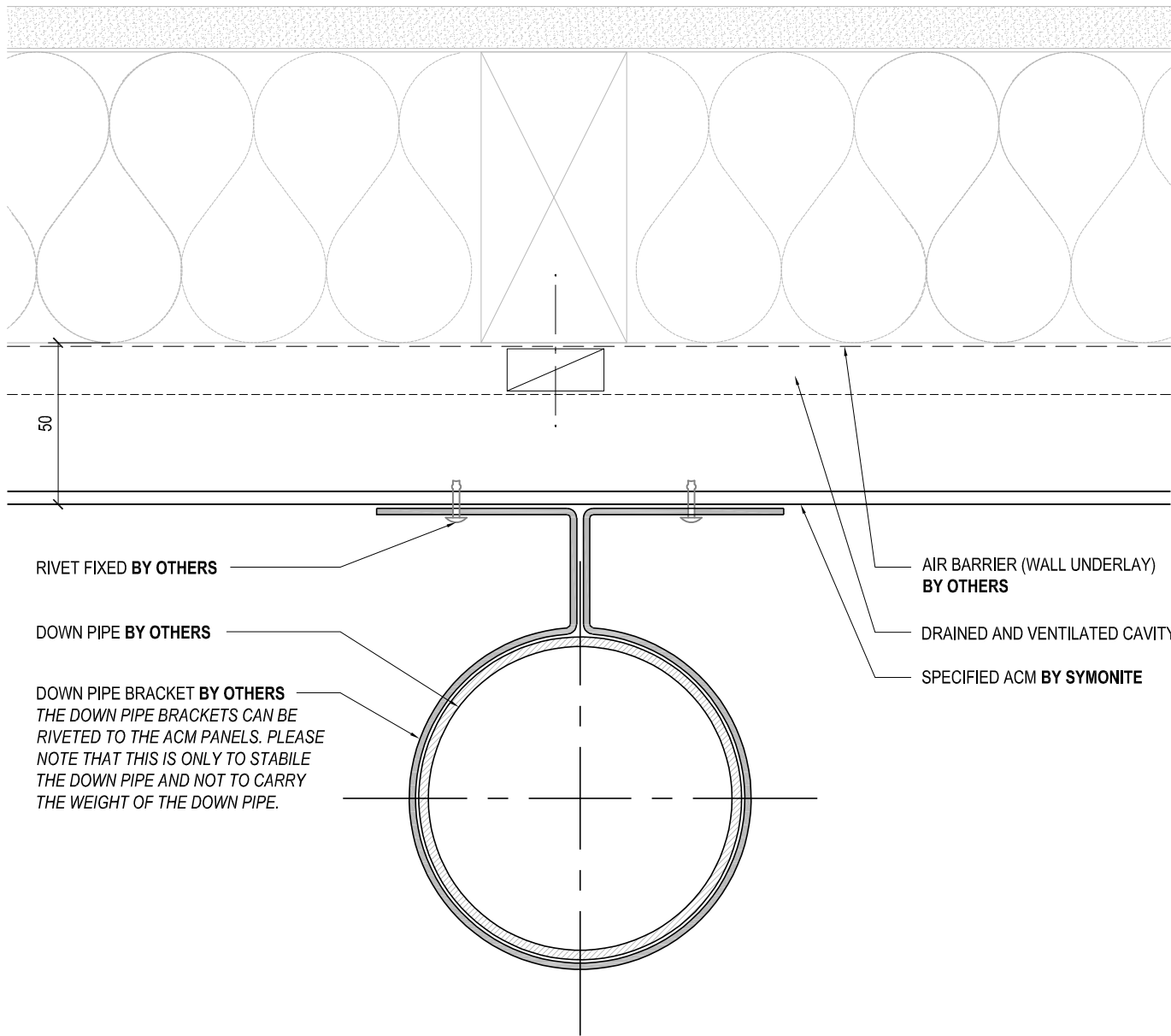
SCALE: 1:2

DATE: DECEMBER 2014

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ROUT AND RETURN SYSTEM



NOTE	
●	TO BE READ WITH SHEET 30 & 31



DRAWING TITLE		DRAWING STATUS		
DOWNPIPE / ACM FIXING DETAIL		ARCHITECTURAL RESOURCE	SHEET NO.	ISSUE
			32	A
			SCALE: 1:2	DATE: DECEMBER 2014

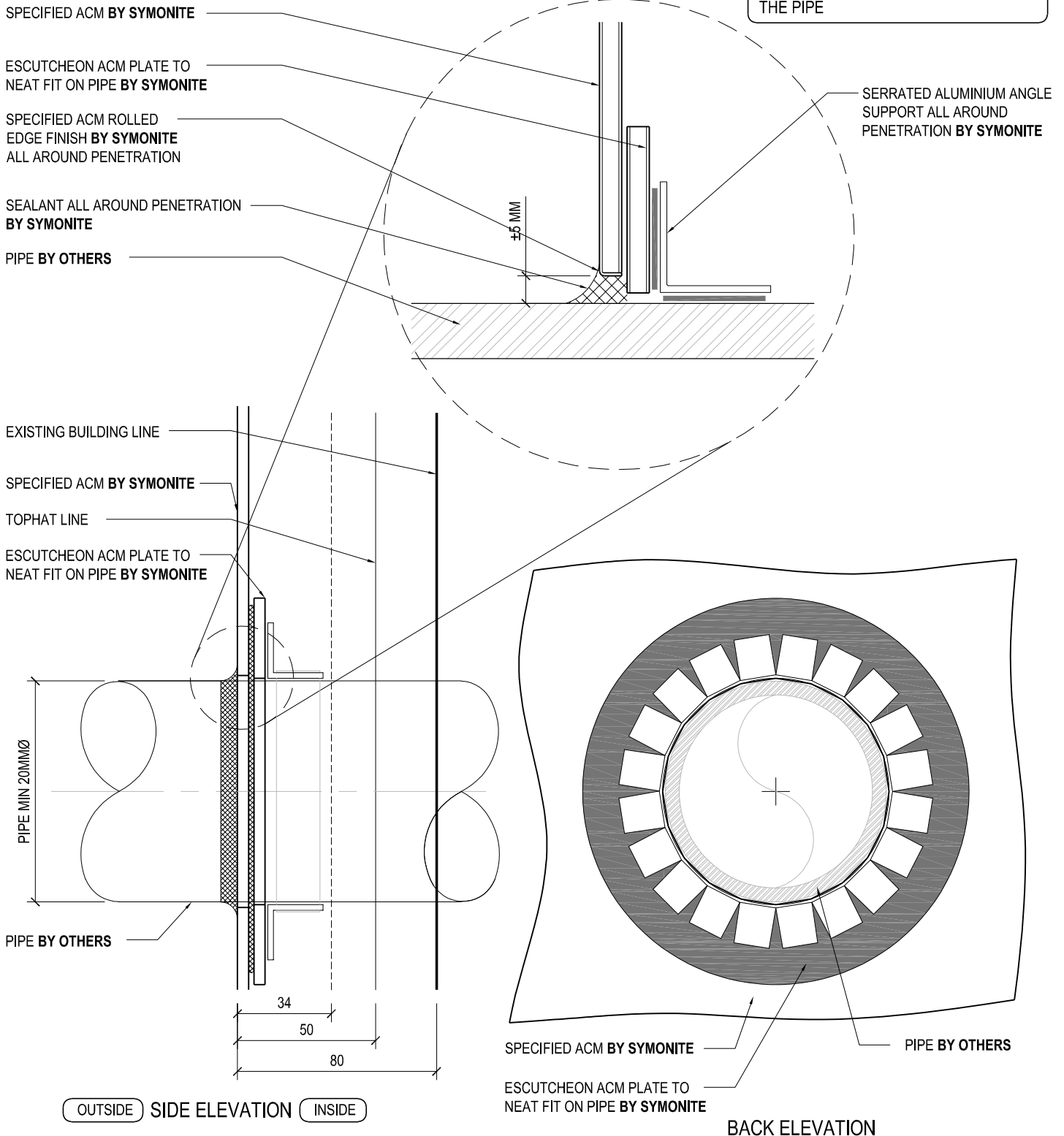
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ROUT AND RETURN SYSTEM

NOTE

THIS DETAIL CAN ONLY BE USED WHERE THE PANEL CAN BE SLID OVER THE PIPE



SYMONITE

DRAWING TITLE

STANDARD PENETRATION (Minimum of 20 mm Ø)

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

33

ISSUE

A

SCALE: 1:2

DATE: DECEMBER 2014

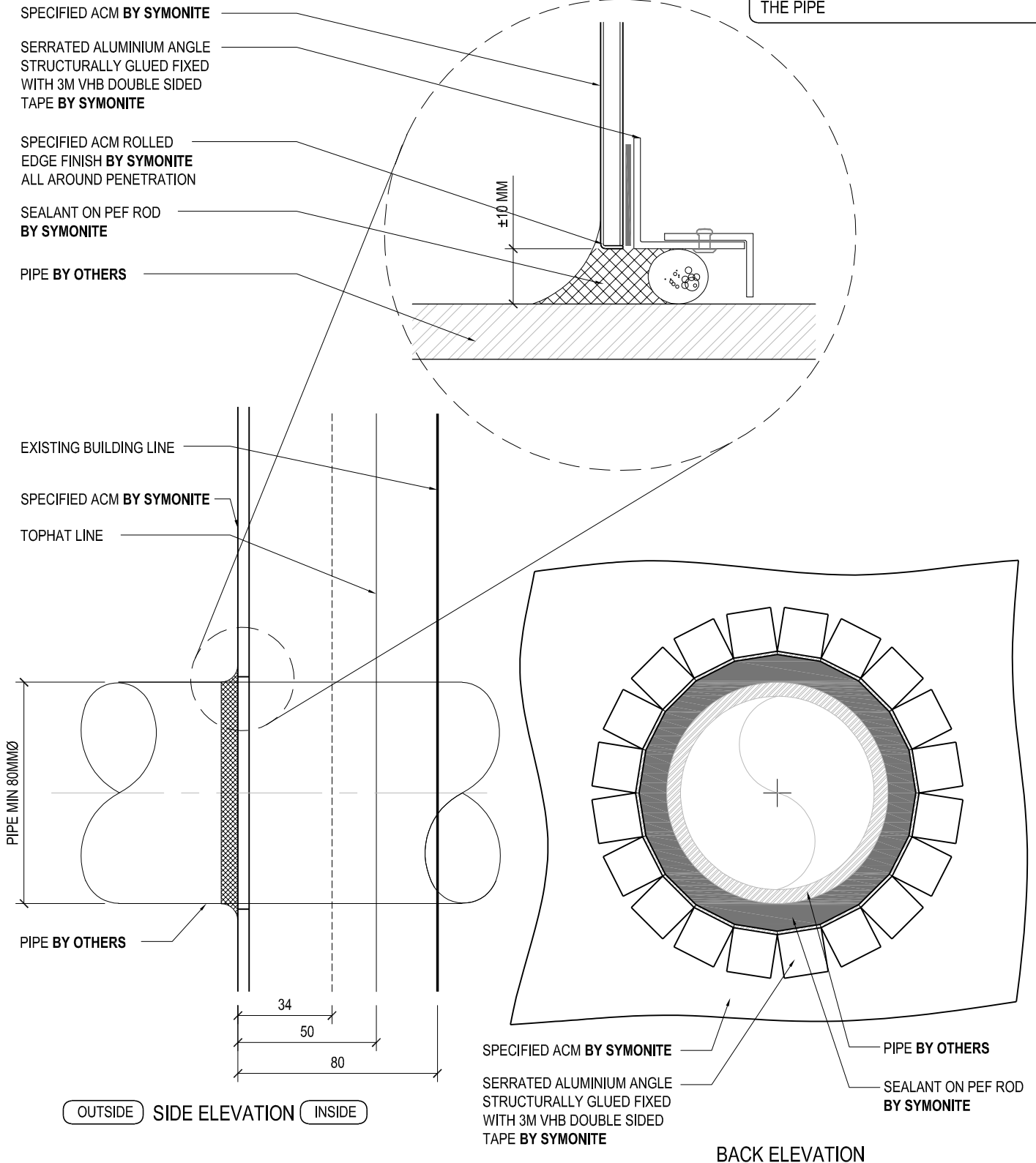
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ROUT AND RETURN SYSTEM

NOTE

THIS DETAIL CAN ONLY BE USED WHERE THE PANEL CAN BE SLID OVER THE PIPE



SYMONITE

DRAWING TITLE

STANDARD PENETRATION (Minimum of 80 mm Ø)

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

34

ISSUE

A

SCALE: 1:2

DATE: DECEMBER 2014

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ROUT AND RETURN SYSTEM

NOTE

THIS DETAIL CAN ONLY BE USED WHERE THE PANEL CAN BE SLID OVER THE PIPE

SPECIFIED ACM BY SYMONITE

SERRATED STANDARD ACM LEG BY SYMONITE

SEALANT ON PEF ROD BY SYMONITE

PIPE BY OTHERS

EXISTING BUILDING LINE

SPECIFIED ACM BY SYMONITE

TOPHAT LINE

PIPE MIN 200MM Ø

PIPE BY OTHERS

34

50

80

OUTSIDE

SIDE ELEVATION

INSIDE

SPECIFIED ACM BY SYMONITE

SERRATED STANDARD ACM LEG BY SYMONITE

PIPE BY OTHERS

SEALANT ON PEF ROD BY SYMONITE

BACK ELEVATION

SYMONITE

DRAWING TITLE

STANDARD PENETRATION (Minimum of 200 mm Ø)

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

35

ISSUE

A

SCALE: 1:2

DATE: DECEMBER 2014

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ROUT AND RETURN SYSTEM

SPECIFIED ACM BY SYMONITE

SERRATED STANDARD ACM LEG BY SYMONITE

SEALANT ON PEF ROD BY SYMONITE

PIPE BY OTHERS

EXISTING BUILDING LINE

SPECIFIED ACM BY SYMONITE

TOPHAT LINE

PIPE MIN 200MM Ø

PIPE BY OTHERS

34

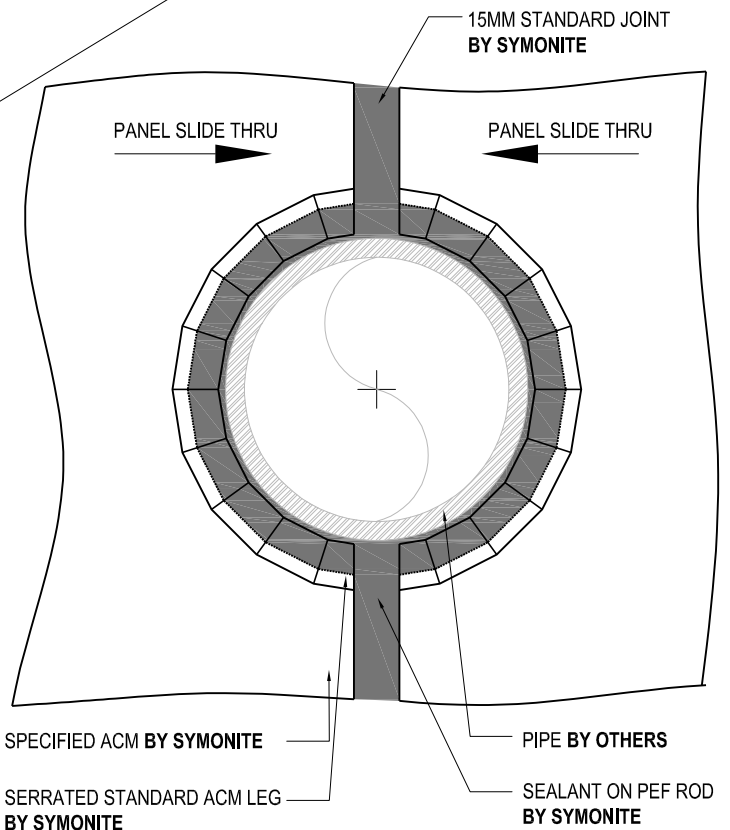
50

80

OUTSIDE

SIDE ELEVATION

INSIDE



BACK ELEVATION

SYMONITE

DRAWING TITLE

STANDARD PENETRATION (Minimum of 200 mm Ø)

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

36

ISSUE

A

SCALE: 1:2

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ROUT AND RETURN SYSTEM

NOTE

THIS DETAIL CAN ONLY BE USED WHERE THE PANEL CAN BE SLID OVER THE PIPE

SPECIFIED ACM BY SYMONITE

SERRATED STANDARD ACM LEG BY SYMONITE

SEALANT ON PEF ROD BY SYMONITE

RHS OR SHS PIPE BY OTHERS

EXISTING BUILDING LINE

SPECIFIED ACM BY SYMONITE

TOPHAT LINE

HEIGHT

RHS OR SHS PIPE BY OTHERS

34

50

80

OUTSIDE

SIDE ELEVATION

INSIDE

SPECIFIED ACM BY SYMONITE

SERRATED STANDARD ACM LEG BY SYMONITE

RHS OR SHS PIPE BY OTHERS

SEALANT ON PEF ROD BY SYMONITE

BACK ELEVATION

SYMONITE

DRAWING TITLE

STANDARD PENETRATION (RHS OR SHS PIPE SECTION)

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

37

ISSUE

A

SCALE: 1:2

DATE: DECEMBER 2014

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ROUT AND RETURN SYSTEM

SPECIFIED ACM BY SYMONITE

SERRATED STANDARD ACM LEG BY SYMONITE

SEALANT ON PEF ROD BY SYMONITE

RHS OR SHS PIPE BY OTHERS

EXISTING BUILDING LINE

SPECIFIED ACM BY SYMONITE

TOPHAT LINE

HEIGHT

RHS OR SHS PIPE BY OTHERS

34

50

80

OUTSIDE

SIDE ELEVATION

INSIDE

SPECIFIED ACM BY SYMONITE

SERRATED STANDARD ACM LEG BY SYMONITE

15MM STANDARD JOINT BY SYMONITE

RHS OR SHS PIPE BY OTHERS

SEALANT ON PEF ROD BY SYMONITE

BACK ELEVATION

SYMONITE

DRAWING TITLE

STANDARD PENETRATION (RHS OR SHS PIPE SECTION)

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

38

ISSUE

A

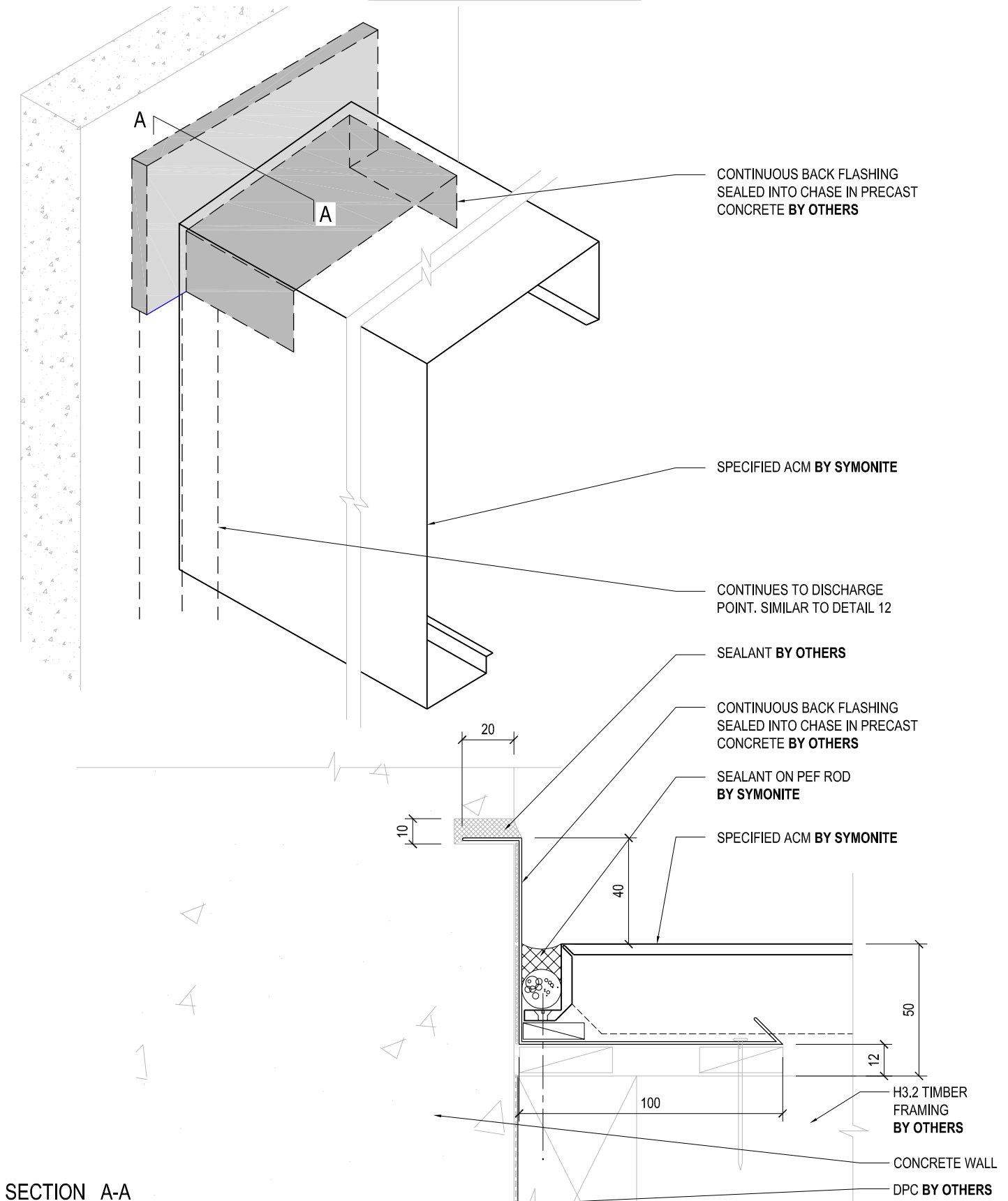
SCALE: 1:2

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ROUT AND RETURN SYSTEM



NOTE

SYMONITE

DRAWING TITLE

SADDLE FLASHING CHASED TO
CONCRETE

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

39

ISSUE

A

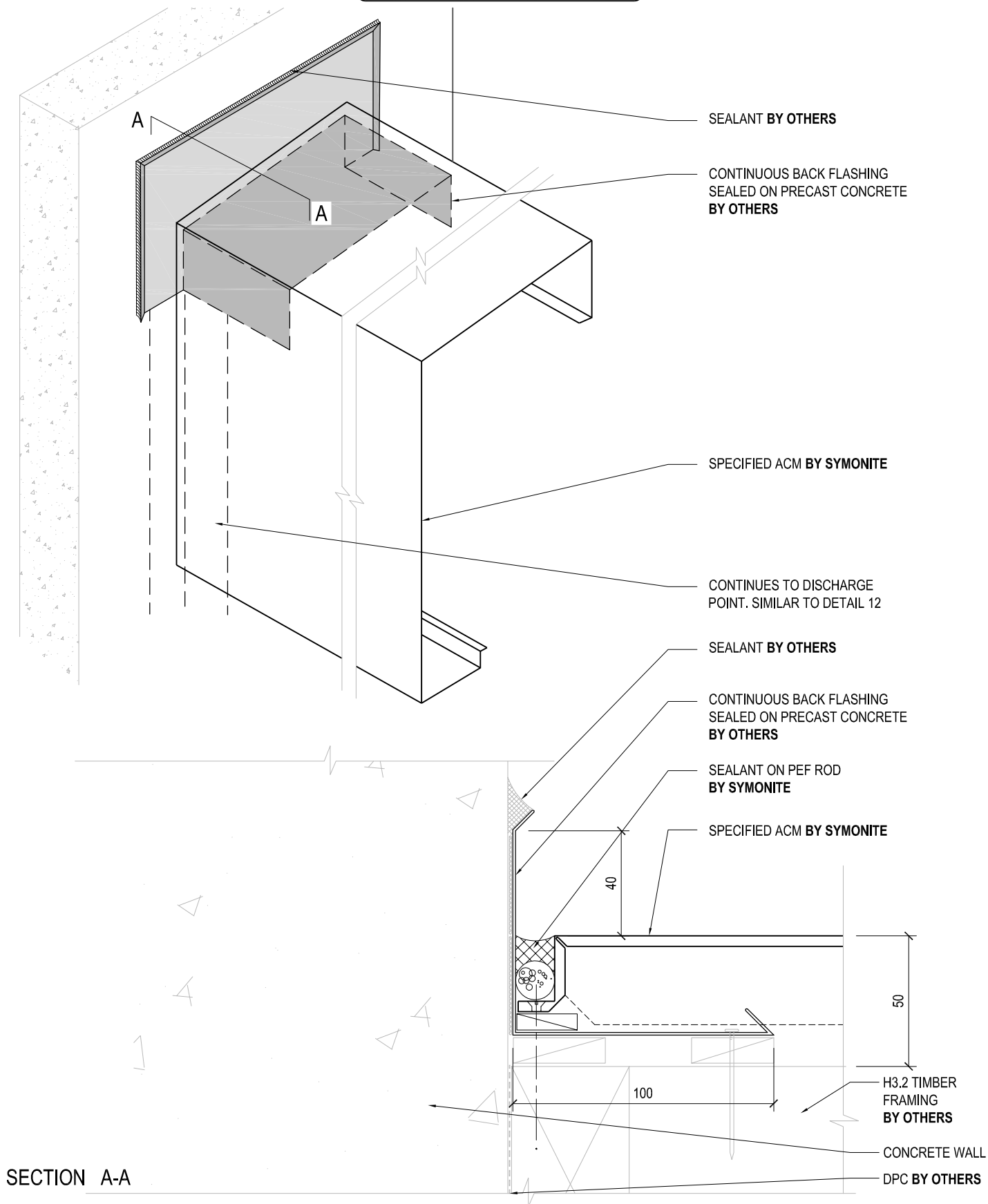
SCALE: 1:2

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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

SADDLE FLASHING IN BIRD BEAK

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

40

ISSUE

A

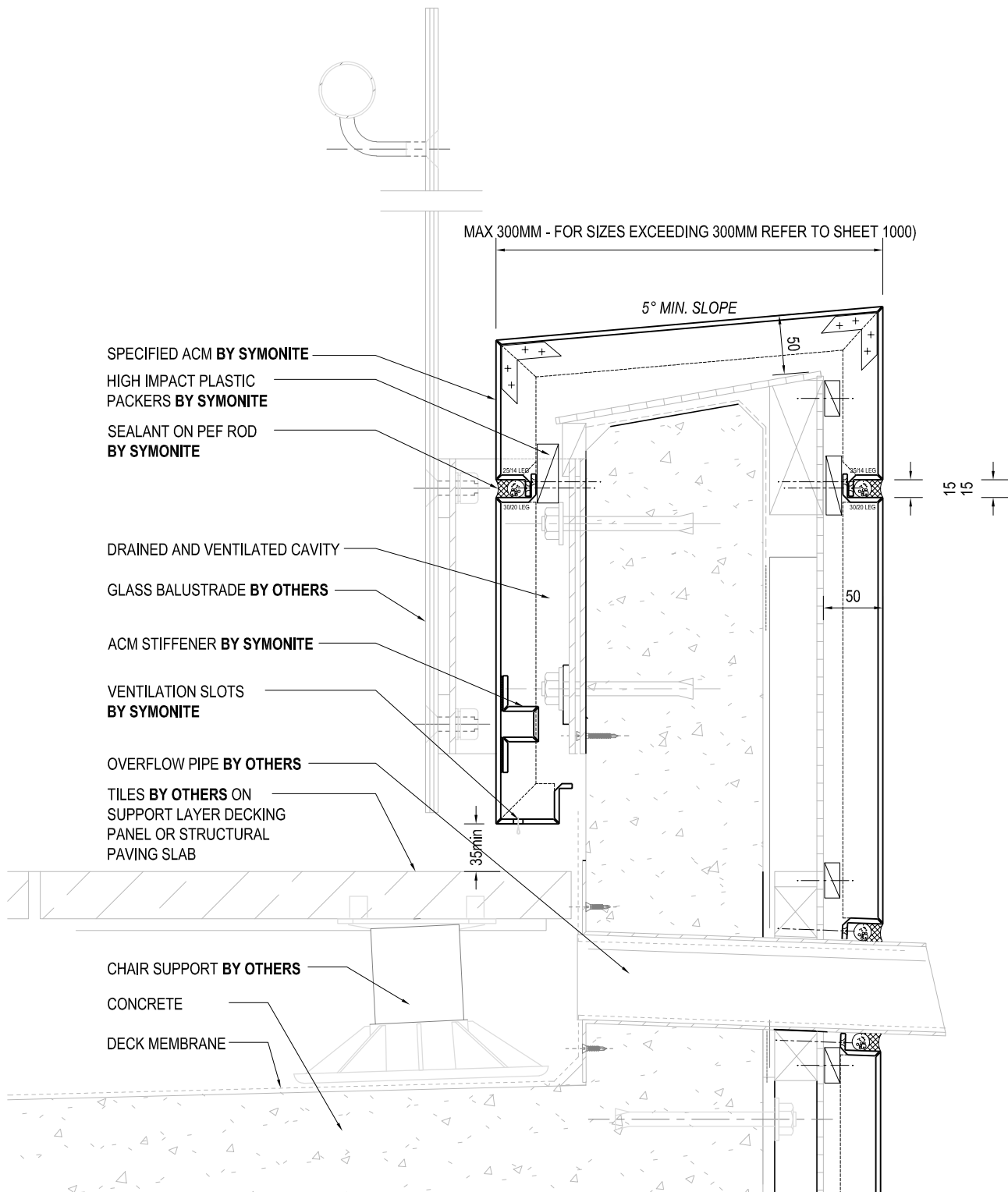
SCALE: 1:2

DATE: DECEMBER 2014

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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

SAMPLE BALUSTRADE DETAIL 2

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

41

ISSUE

A

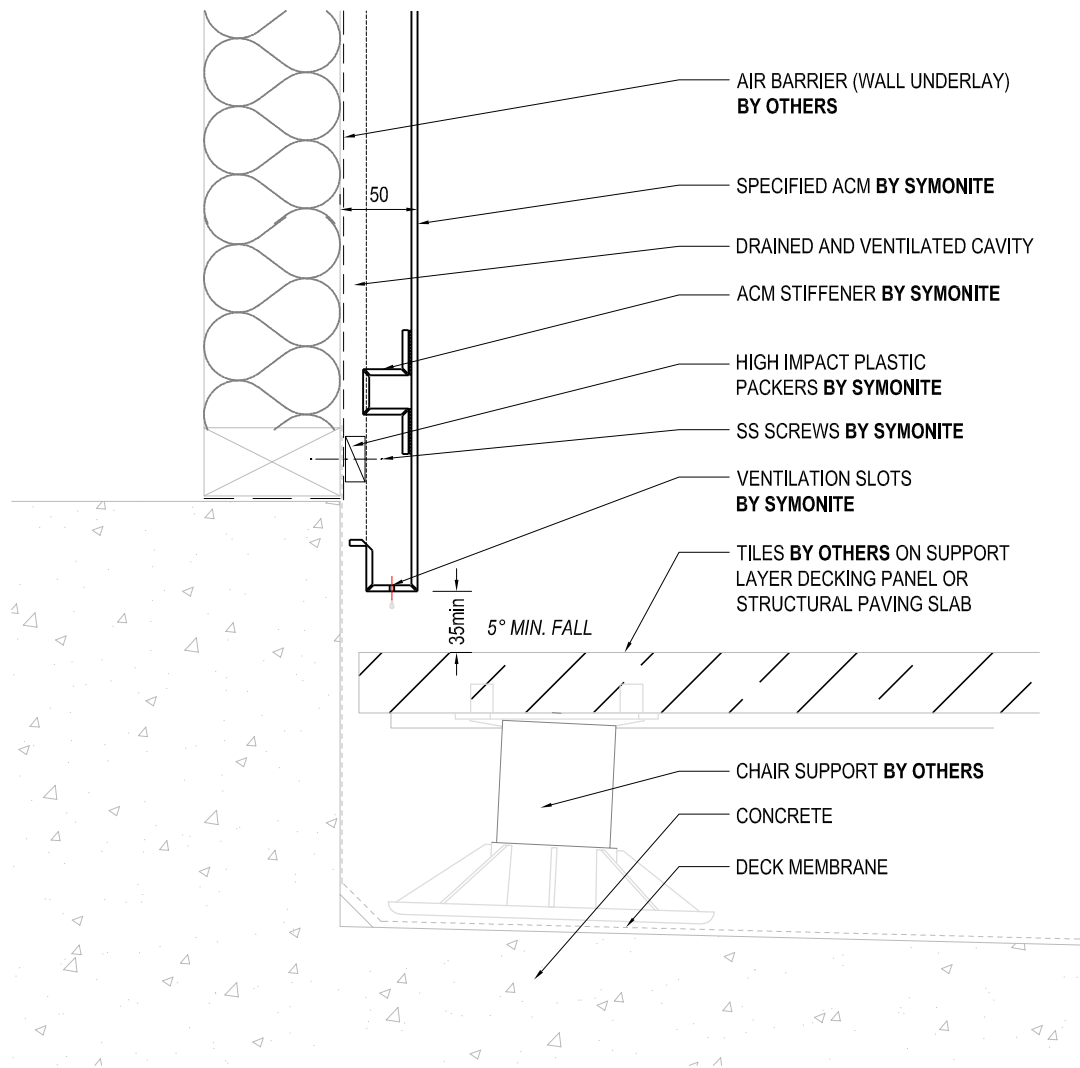
SCALE: 1:5

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ROUT AND RETURN SYSTEM



DRAWING TITLE

SAMPLE DECK DETAIL

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

42

ISSUE

A

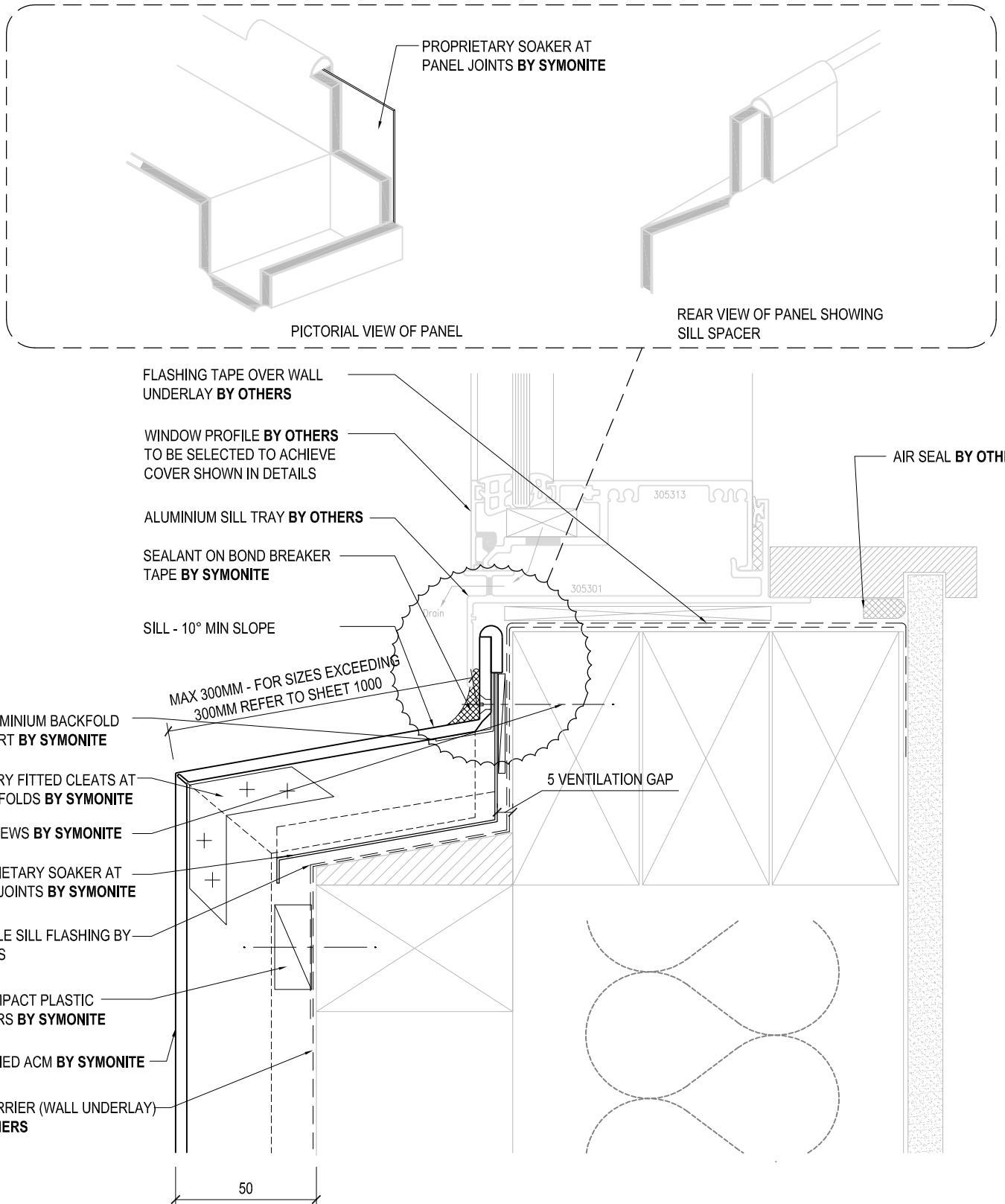
SCALE: 1:5

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ROUT AND RETURN SYSTEM



SYMONITE

DRAWING TITLE

COMMERCIAL WINDOW SILL DETAIL -
RECESSED

DRAWING STATUS

ARCHITECTURAL
RESOURCE

SHEET NO.

43

ISSUE

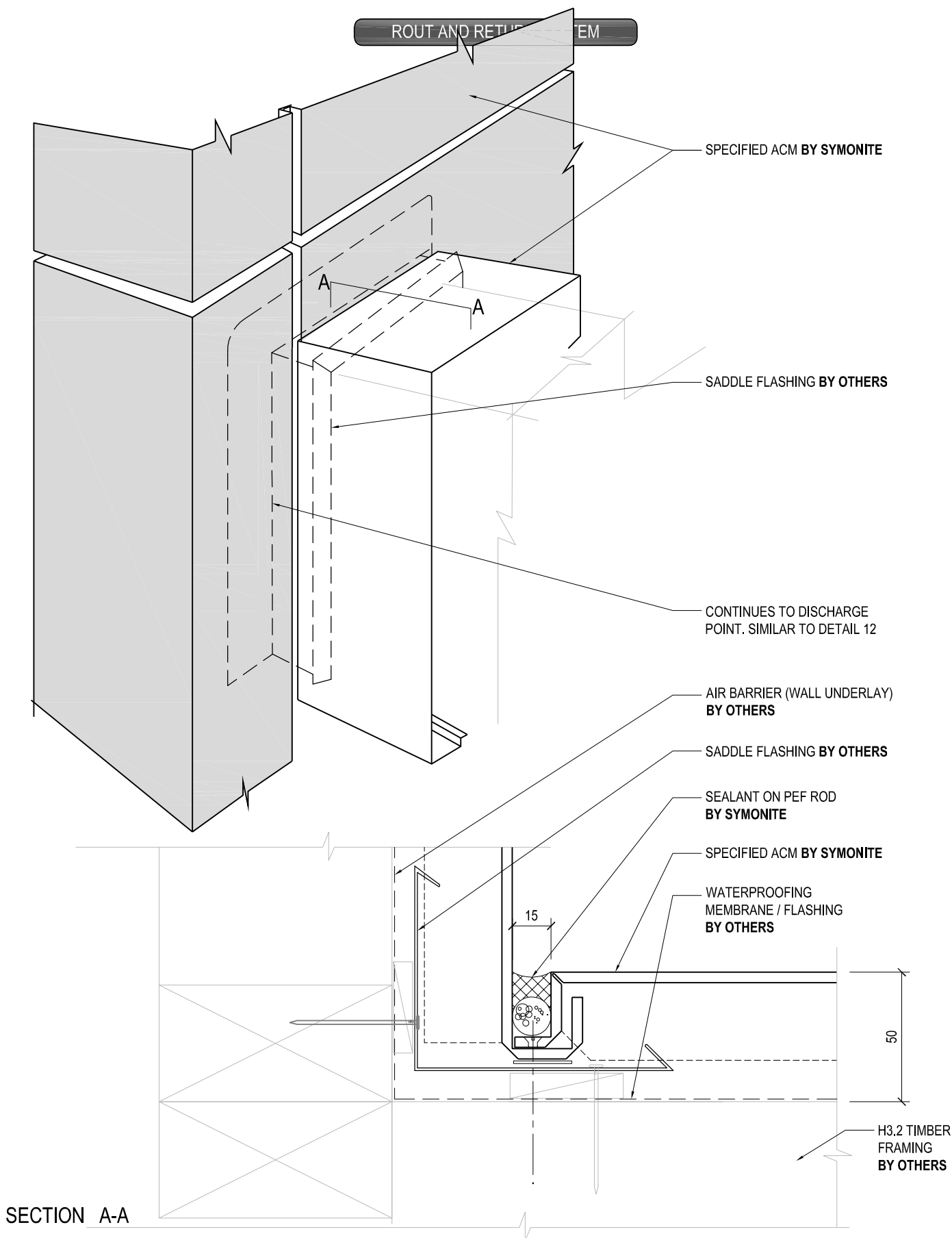
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SCALE: 1:2

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SYMONITE

DRAWING TITLE

ACM TO ACM CONNECTION

DRAWING STATUS

**ARCHITECTURAL
RESOURCE**

SHEET NO.

44

ISSUE

A

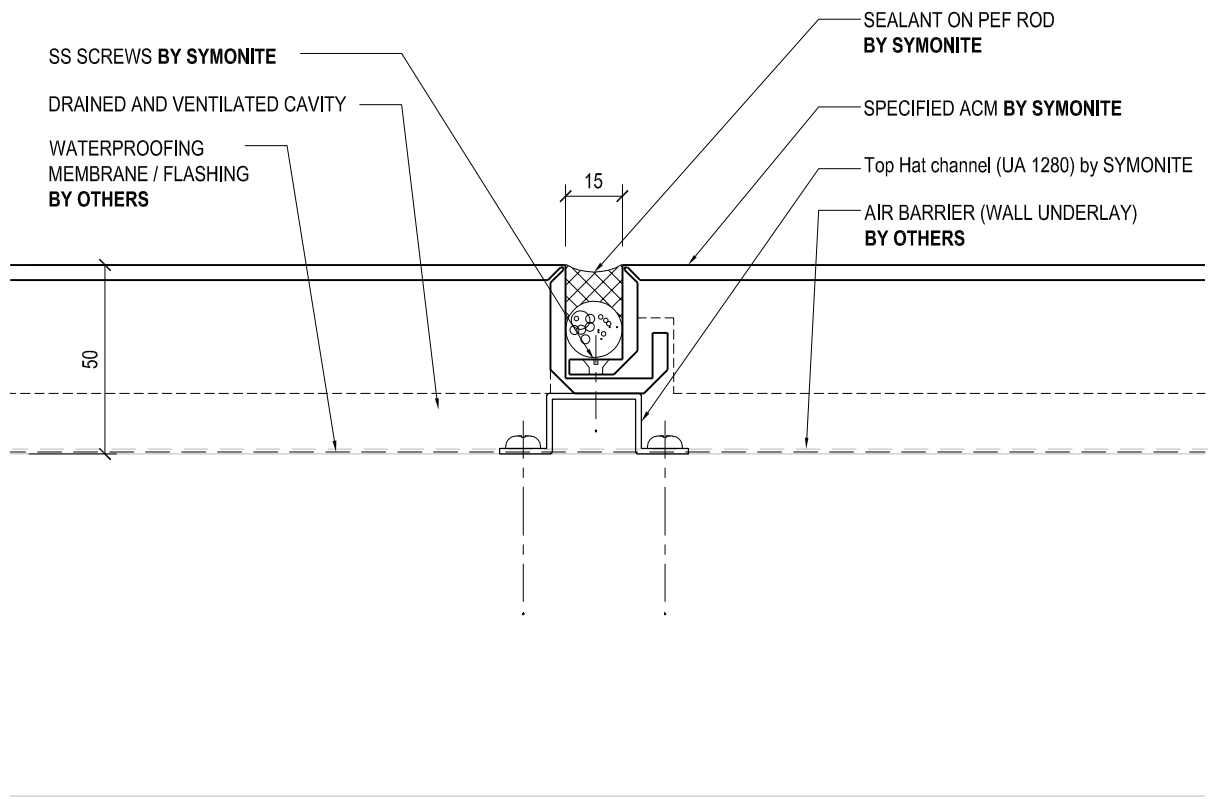
SCALE: 1:2

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ROUT AND RETURN SYSTEM



NOTE

- THIS DETAIL APPLIES TO ACM JOINTS LONGER THAN 300MM SLOPING LESS THAN 30°.

<div>SYMONITE</div>	DRAWING TITLE	DRAWING STATUS		
	JOINT WITH EDGE SUPPORT DETAIL	ARCHITECTURAL RESOURCE	SHEET NO. 1000	ISSUE B
		SCALE: 1:2		DATE: JUNE 2017
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