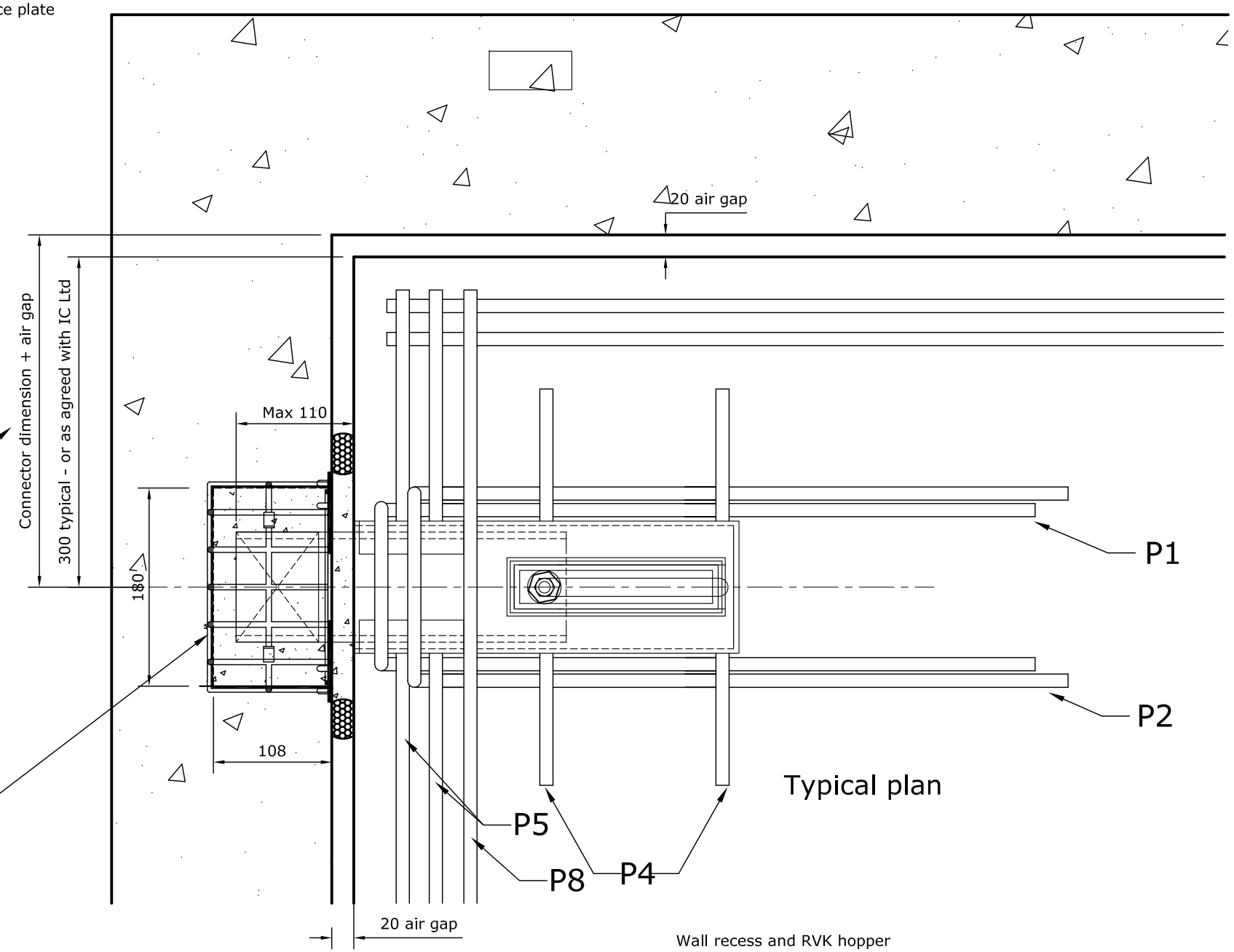
Permanent recess former
Redibox (Std)

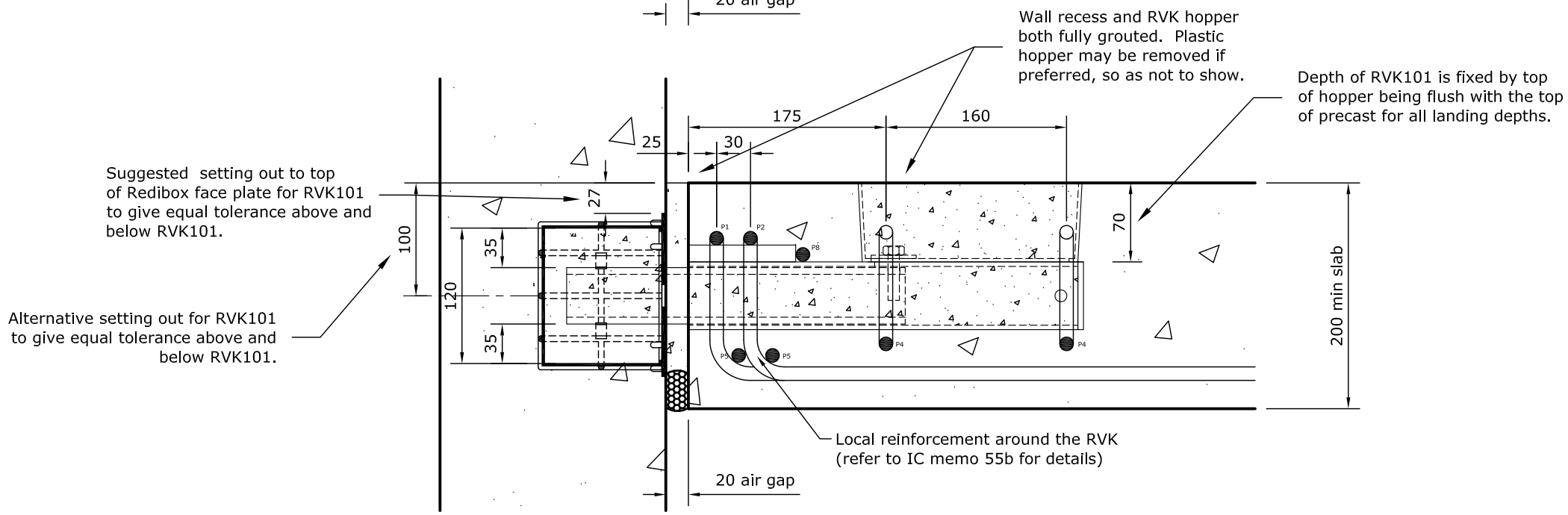
Setting out reference point is top edge of face plate

Typical setting out (See note 4)

Redibox (STD) permanent recess former



Typical plan



Typical section

NOTES

1 Do not scale from this drawing. If in doubt ask.

2 Connector shown is RVK101. For details of RVK101 see drawing IC/PD/RVK101. For details of Redibox see drawing IC/PD/REDIBOX (STD).

3 The precaster and the insitu wall contractor must coordinate setting out to ensure that the connectors and the recesses line up.

4 It is recommended that RVK are set out from edge of precast, and recesses from walls or grid. When setting out recesses, account must be taken of air gap.

5 Bar references shown relate to IC memo 55b. General slab and wall reinforcement is omitted for clarity, and is to be designed and detailed by others.

6 For quantity and location of bars P5 and any shear reinforcement, see IC memo 55b.

7 Slab thickness and edge distance can affect capacity. Refer to design calculations & IC memos.

8 If the landing remains propped during grouting and curing of recess formers, then shimming can be avoided.

Rev.	Date	Description

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PROJECT
INVISIBLE CONNECTIONS STANDARD DETAILS

TITLE
STANDARD DETAIL USING RVK101 WITH PERMANENT RECESS FORMER REDIBOX (STD)

Drawn By	Approved By	Scale
CRB/DEC2017		1:5@A3

DRG NO.	Revision
IC/SD/SD6	

REDiBOX recess former
ICL-RVK-TSS-RED-STD

Typical plan

Typical section

NOTES

1 Do not scale from this drawing. If in doubt ask.

2 Connector shown is TSS101. For details of TSS101 see drawing IC/PD/TSS101.

3 The precaster is responsible for ensuring that site details are in accordance with this drawing.

4 Bar references shown relate to IC memos 55d. General slab and wall reinforcement is omitted for clarity. To be designed and detailed by others.

5 If the landing remains propped during grouting and curing of recess formers, then shimming can be avoided.

6 It is recommended that both connector and recess former are dimensioned to a centreline and not to an edge. TSS are normally set out from edge of precast, and recesses from walls or grid. When setting out recesses, account must be taken of air gap.

7 For quantity and location of bars P5, see technical memos.

Rev.	Date	Description
B	14/2/18	Redrawn with REDiBOX former Notes amended
A	6/6/17	Local reinforcement added Notes amended

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PROJECT
INVISIBLE CONNECTIONS
STANDARD DETAILS

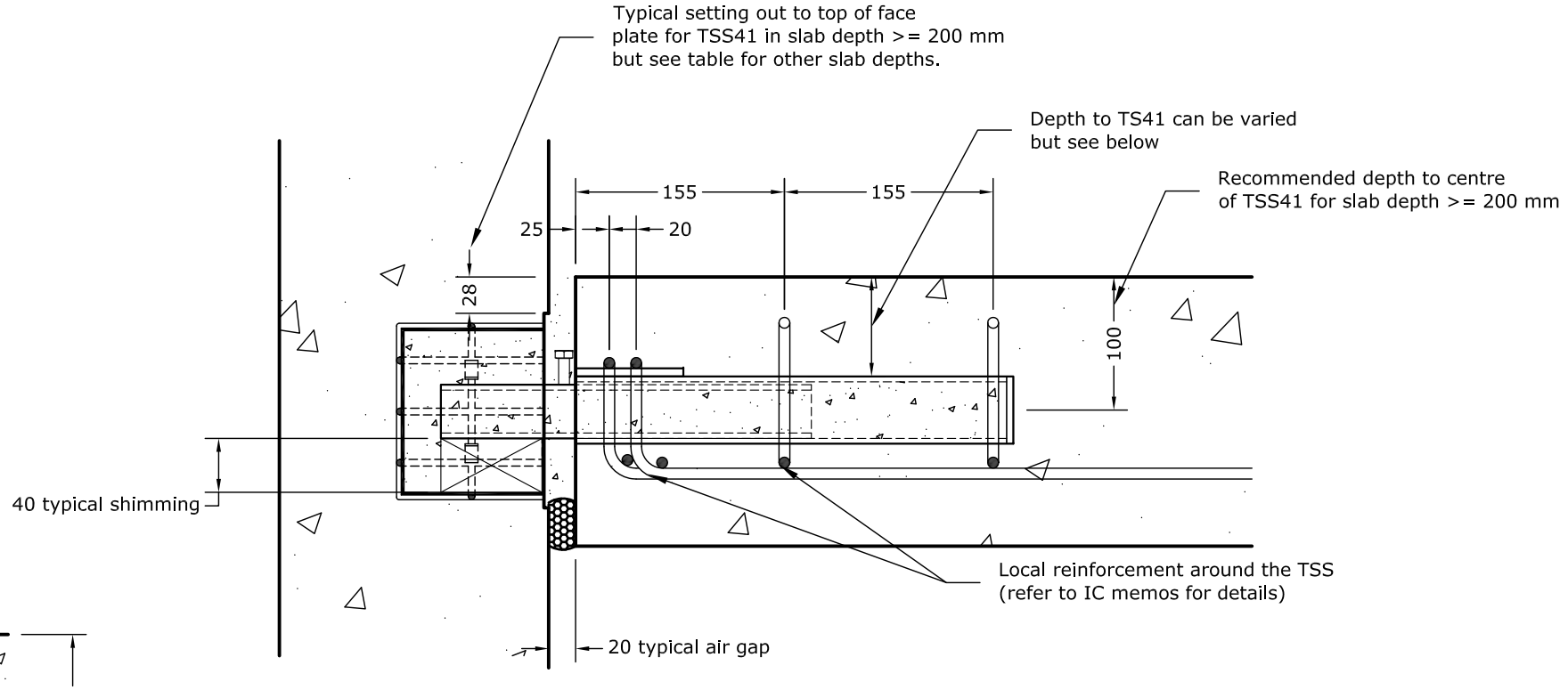
TITLE
STANDARD DETAIL USING TSS101
WITH PREFORMED RECESS
FORMER TYPE REDiBOX (STD)

Drawn By	Approved By	Scale
CRB/OCT2016	DB/OCT2016	1:5@A3

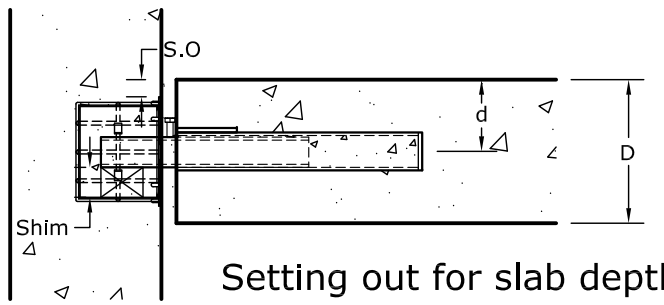
DRG NO.	Revision
IC/SD/SD2	B

Setting out reference point
is top edge of face plate

REDiBOX recess former
ICL-RVK-TSS-RED-STD

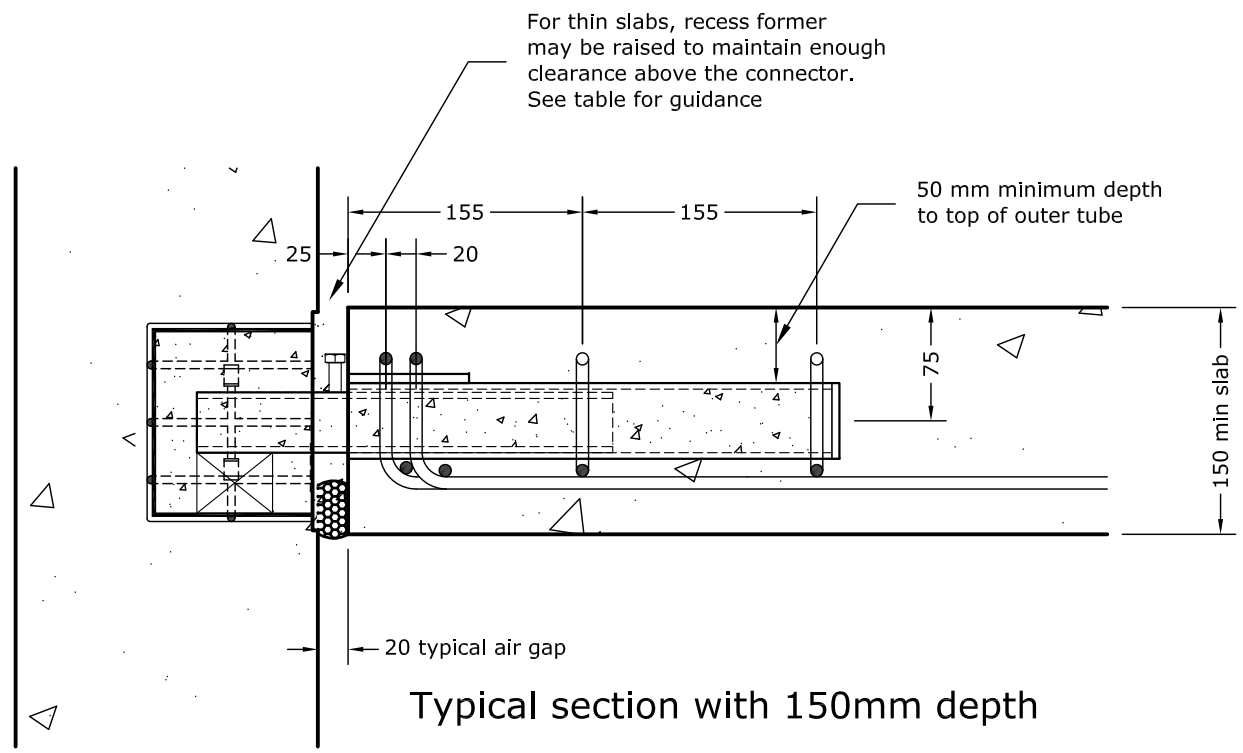


Typical section (slab>= 200 mm)



Setting out for slab depths
between 150 mm and 200 mm

Slab Depth D	Connector Depth d	Setting Out S.O.	Shim Thickness
150 mm	75 mm	3 mm	40 mm
160 mm	80 mm	8 mm	40 mm
170 mm	85 mm	13 mm	40 mm
175 mm	87 mm	15 mm	40 mm
180 mm	90 mm	18 mm	40 mm
190 mm	95 mm	23 mm	40 mm
200 mm	see typical section (above right)		



Typical section with 150mm depth

NOTES

1 Do not scale from this drawing. If in doubt ask.

2 Connector shown is TSS41. For details of TSS41 see drawing IC/PD/TSS41.

3 The precaster is responsible for ensuring that site details are in accordance with this drawing.

4 Bar references shown relate to IC memo 54a. General slab and wall reinforcement is omitted for clarity. To be designed and detailed by others.

5 For further details of recess former see drawing IC/PD/REDiBOX (STD)

6 If the landing remains propped during grouting and curing of recess formers, then shimming can be avoided.

7 It is recommended that both connector and recess former are dimensioned to a centreline and not to an edge. TSS are normally set out from edge of precast, and recesses from walls or grid. When setting out recesses, account must be taken of air gap.

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PROJECT
INVISIBLE CONNECTIONS
STANDARD DETAILS

TITLE
STANDARD DETAIL USING
TSS41 WITH PREFORMED RECESS
FORMER TYPE REDiBOX (STD)

Drawn By	Approved By	Scale
CRB/APR2018	SF/APR2018	1:5@A3

DRG NO.
IC/SD/SD8

Revision