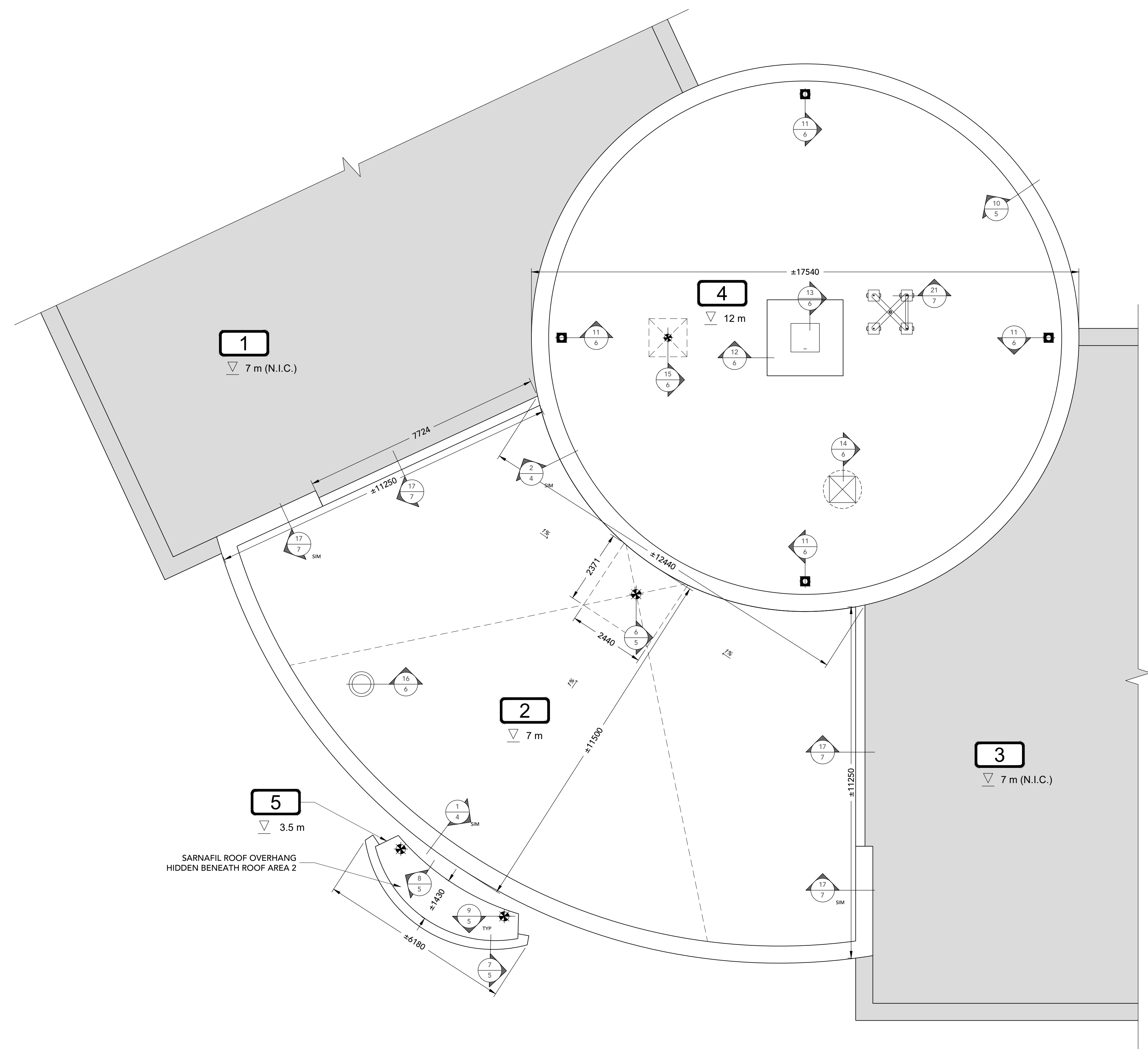
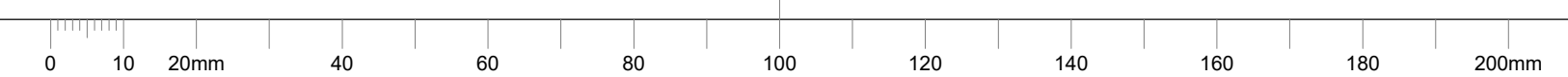


LEGEND							
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	B-VENT		EXTENT AND DIRECTION OF SLOPED INSULATION		ROOF HATCH		ROOF NUMBER AND ELEVATION
	BELL EXHAUST		ROOF DRAIN WITH SUMP		MODULAR CURB (CONDUIT PENETRATION)		BALLASTED ROOF ANCHOR



ROOF PLAN
1:75

C



- Notes:
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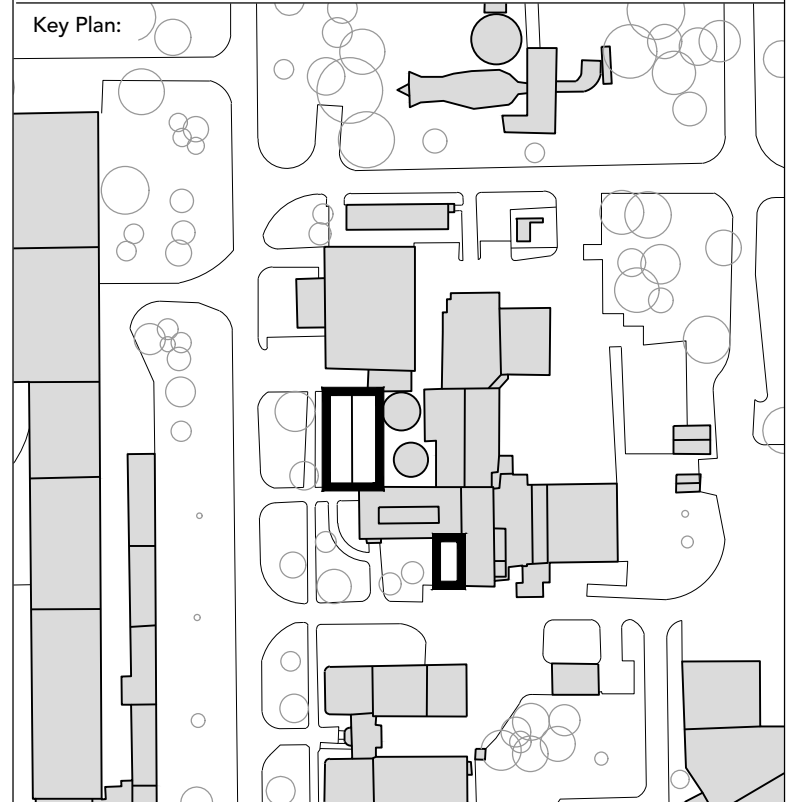
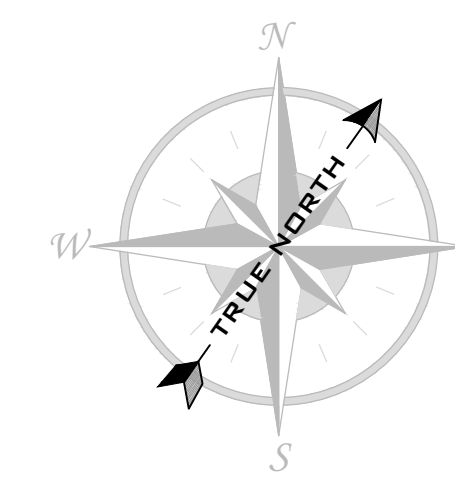
- Verify all dimensions and site conditions and be responsible for same
- Vérifier toutes les dimensions et l'état des lieux et en assumer la responsabilité

	A Detail no. No. du détail		B Location drawing no. sur dessin no.
	C Drawing no. dessin no.		A
			B
			C

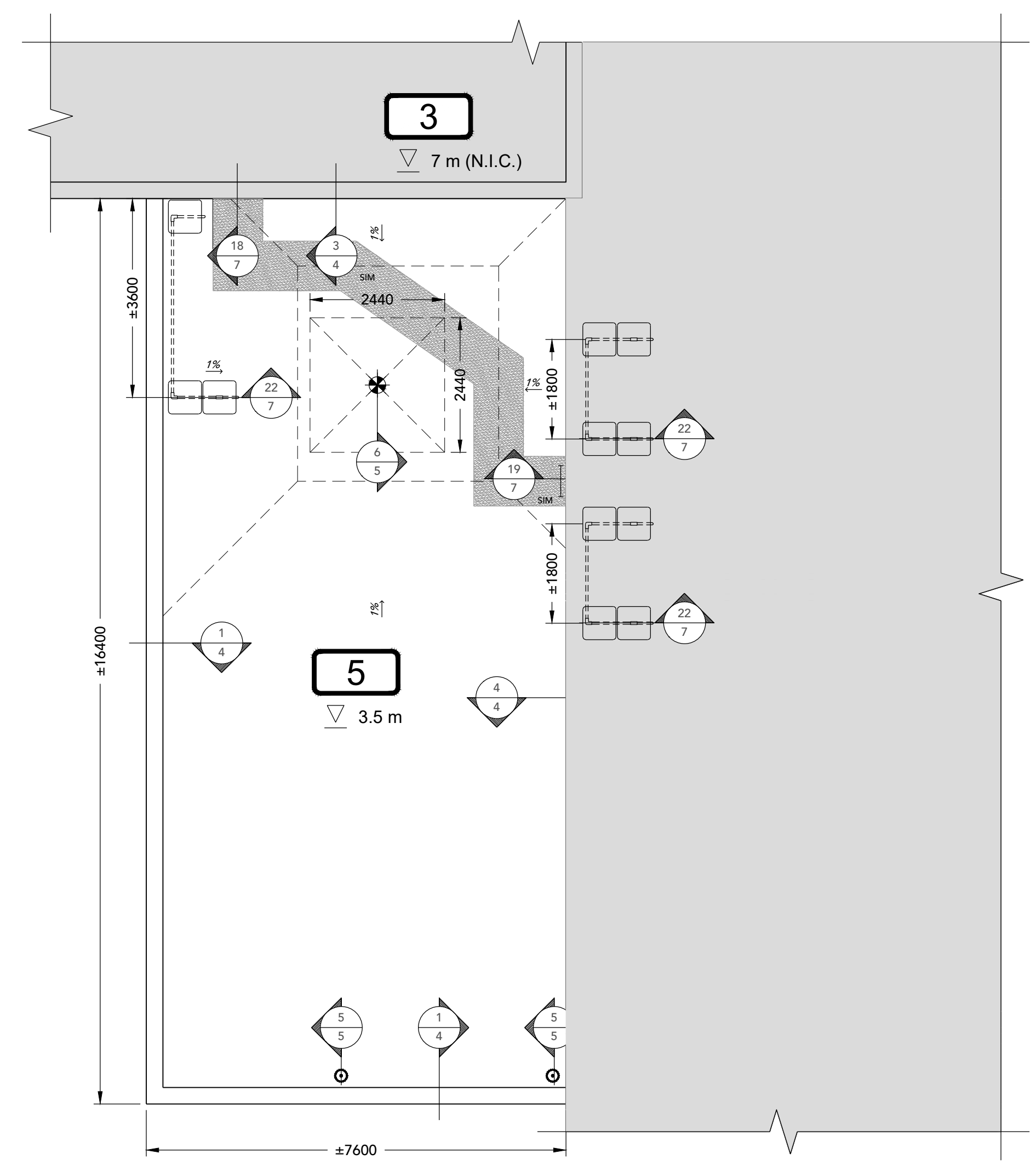
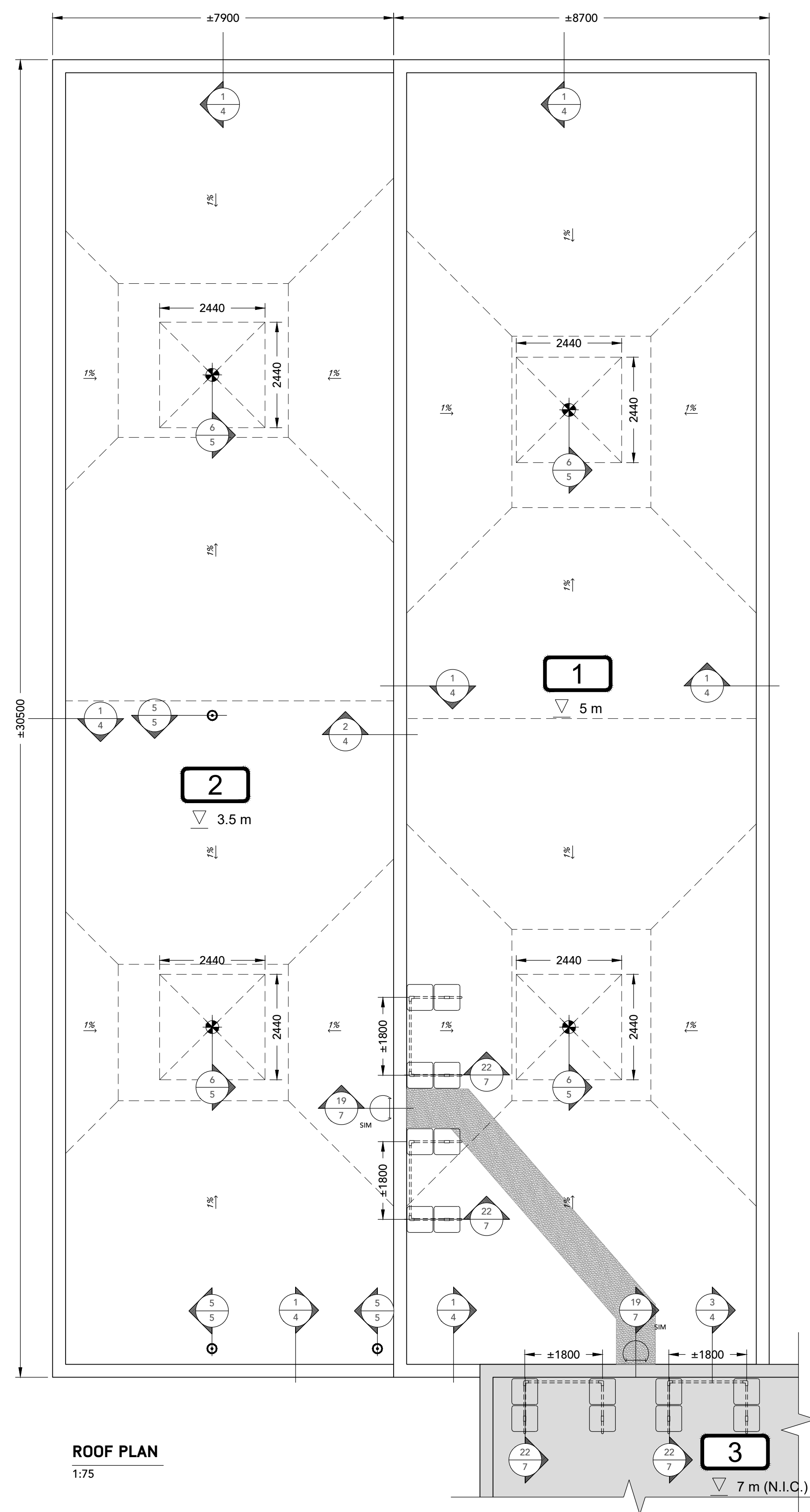
project: **ROOF REPLACEMENT BUILDING M-02, ROOF AREAS 2, 4 + 5 BUILDING M-10, ROOF AREAS 1, 2 + 5 1200 MONTREAL ROAD, OTTAWA NATIONAL RESEARCH COUNCIL** projet

drawing: **ROOF PLAN BUILDING M-02** dessin

designed	conçu	date	2016-06-20	date
drawn	dessiné	scale	AS NOTED	échelle
checked	vérifié	sheet	1 of/ de 7	feuille
approved	approuvé	W.O.no.	A1-006900-03-01	D.T.no.
dwg.no.	dessin no.		5230-1	



- Notes:
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ROOF PLAN
1:75

LEGEND					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	BELL EXHAUST		PLUMBING VENT		SELF-BALLASTED GUARDRAIL
	ROOF LADDER WITH CAGE		ROOF DRAIN WITH SUMP		WALKWAY MEMBRANE
	EXTENT AND DIRECTION OF SLOPED INSULATION		ROOF NUMBER AND ELEVATION		

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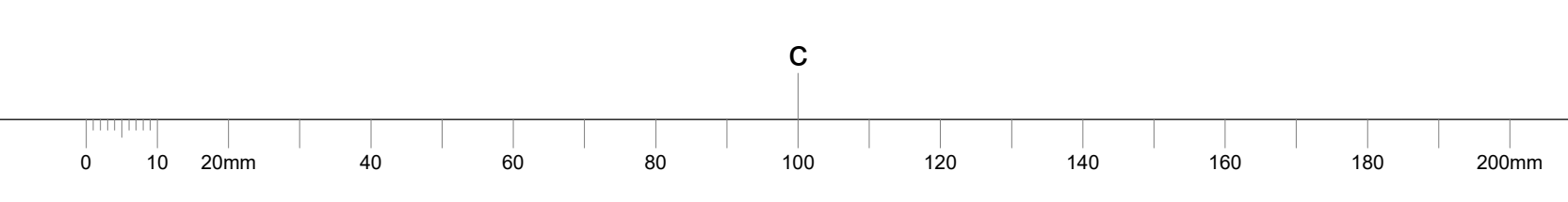
	A Detail no. No. du détail		A Location drawing no. sur dessin no.
	C Drawing no. dessin no.		B C Drawing no. dessin no.

project: **ROOF REPLACEMENT BUILDING M-02, ROOF AREAS 2, 4 + 5 BUILDING M-10, ROOF AREAS 1, 2 + 5 1200 MONTREAL ROAD, OTTAWA NATIONAL RESEARCH COUNCIL**

drawing: **ROOF PLAN BUILDING M-10**

designed	conçu	date	date
John Callender		2016-06-20	
drawn	dessiné	scale	échelle
Ali Awada		AS NOTED	
checked	vérifié	sheet	feuille
John Callender		2 of/ de 7	
approved	approuvé	W.O.no.	D.T.no.
		A1-007001-03-01	

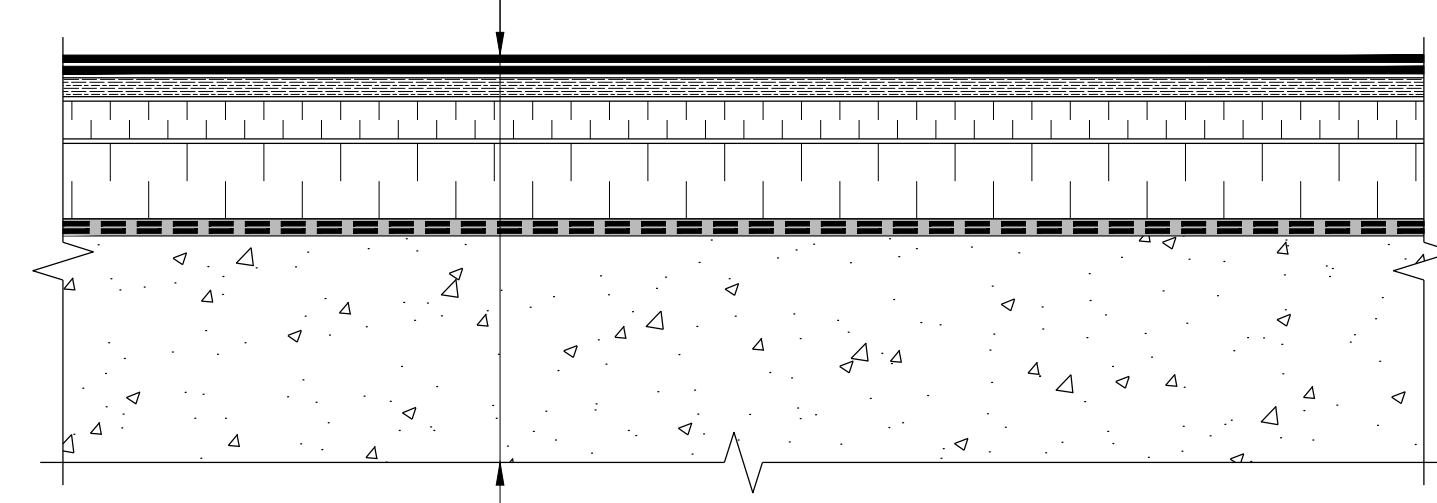
dwg.no. **5230-2**



Key Plan:

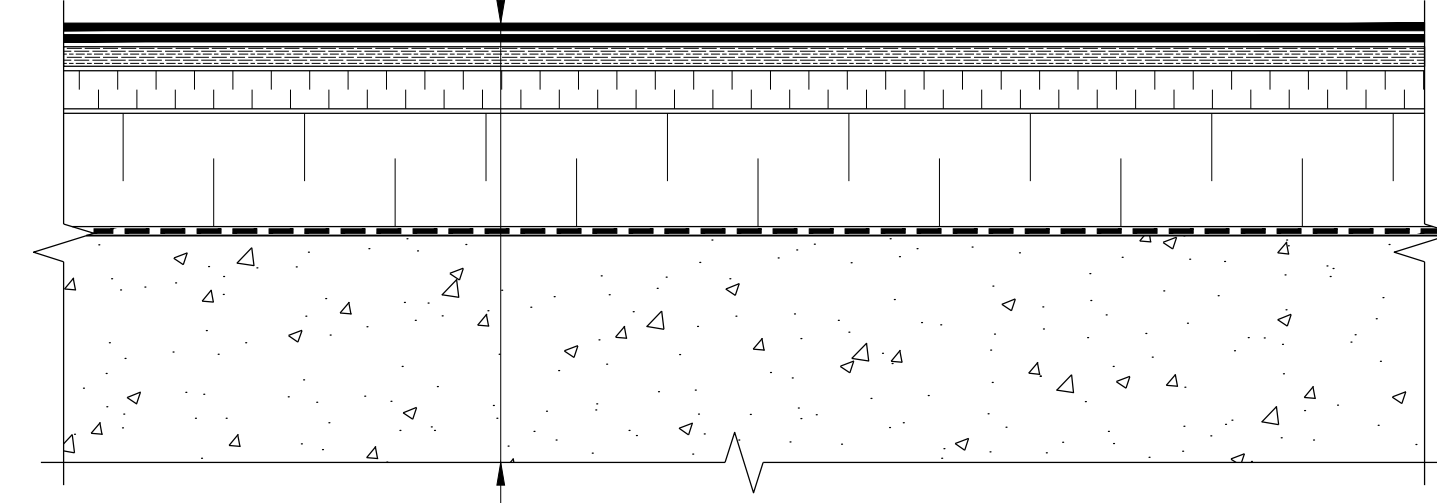
- Notes:
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 3. DRAWINGS ARE NOT TO BE SCALED.

- EXISTING ROOF SYSTEM E1:
 - 2-PLY MOD. BIT. MEMBRANE
 - 13 mm FIBREBOARD
 - SLOPED POLYISO INSULATION
 - 50 mm POLYISO INSULATION
 - 2-PLY MOPPED AIR/VAPOUR BARRIER MEMBRANE
 - CONCRETE DECK



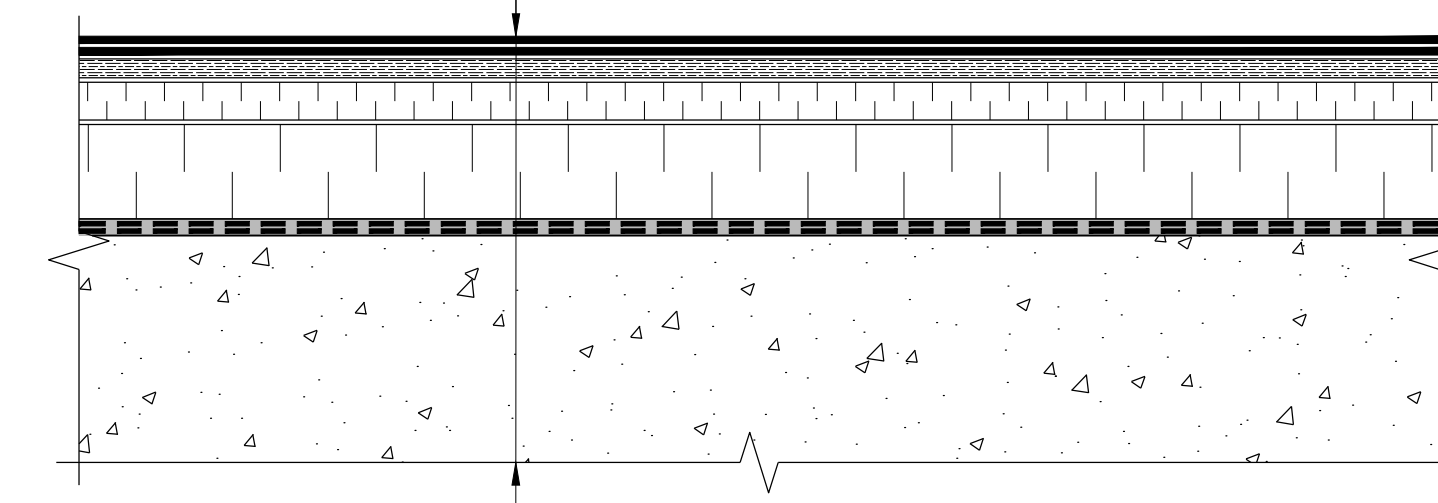
E1 EXISTING ROOF SYSTEM E1
 3 1:5 BLDG M-02 ROOF AREA 2

- EXISTING ROOF SYSTEM E2:
 - 2-PLY MOD. BIT. MEMBRANE
 - 13 mm FIBREBOARD
 - SLOPED POLYISO INSULATION
 - 63 mm SEMI-RIGID INSULATION
 - AIR/VAPOUR BARRIER MEMBRANE
 - CONCRETE DECK



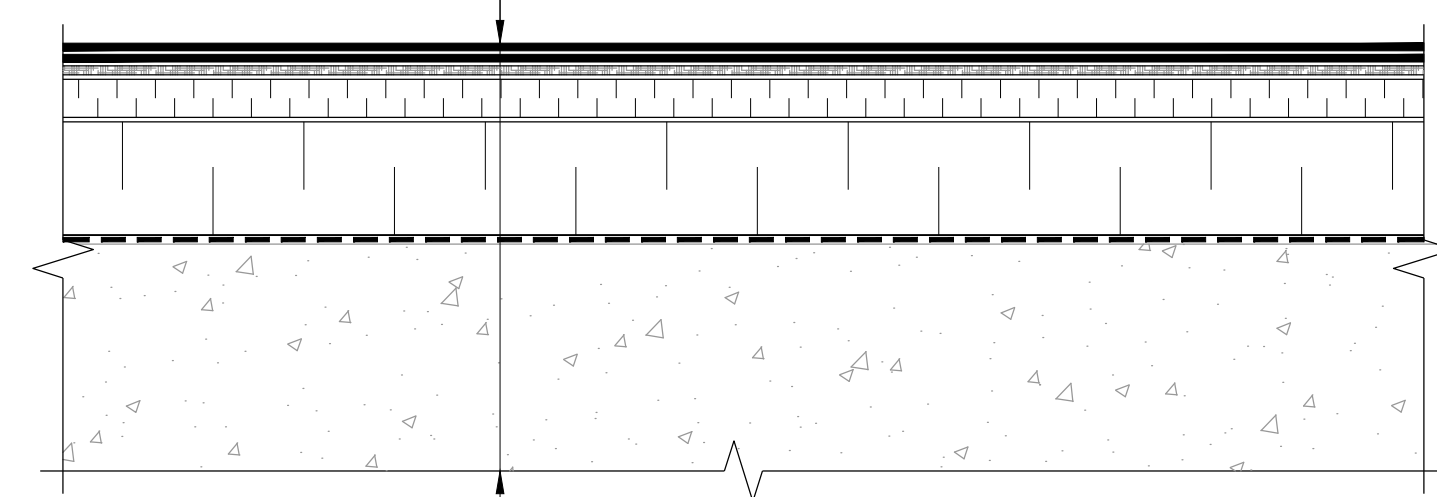
E2 EXISTING ROOF SYSTEM E2
 3 1:5 BLDG M-10 ROOF AREAS 1, 2

- EXISTING ROOF SYSTEM E3:
 - 2-PLY MOD. BIT. MEMBRANE
 - 13 mm FIBREBOARD
 - SLOPED POLYISO INSULATION
 - 63 mm FIBREGLASS INSULATION
 - 2-PLY MOPPED AIR/VAPOUR BARRIER MEMBRANE
 - CONCRETE DECK



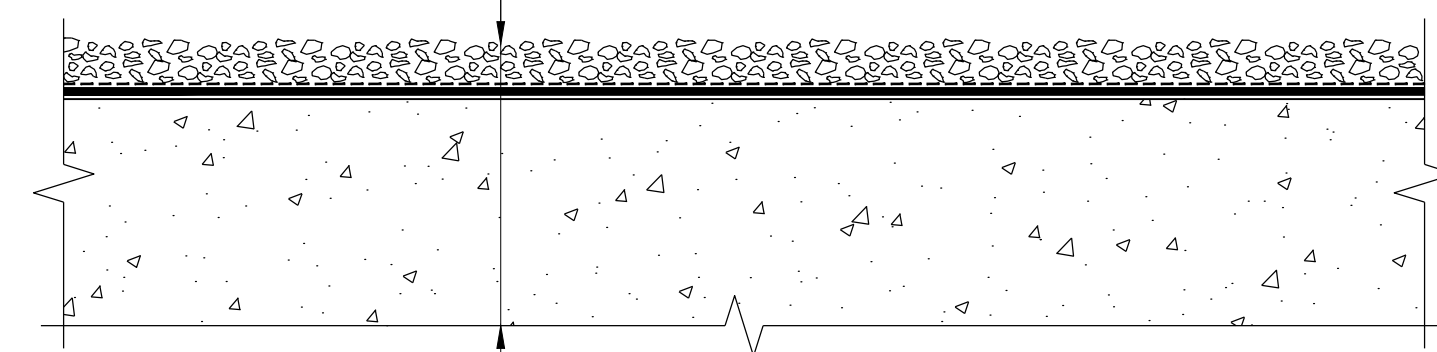
E3 EXISTING ROOF SYSTEM E3
 3 1:5 BLDG M-10 ROOF AREA 5

- TYPICAL ROOF SYSTEM R1:
 - 2-PLY MOD. BIT. MEMBRANE
 - 6 mm PROTECTION BOARD
 - SLOPED POLYISO INSULATION
 - 75 mm POLYISO INSULATION
 - AIR/VAPOUR BARRIER MEMBRANE
 - EXISTING CONCRETE DECK



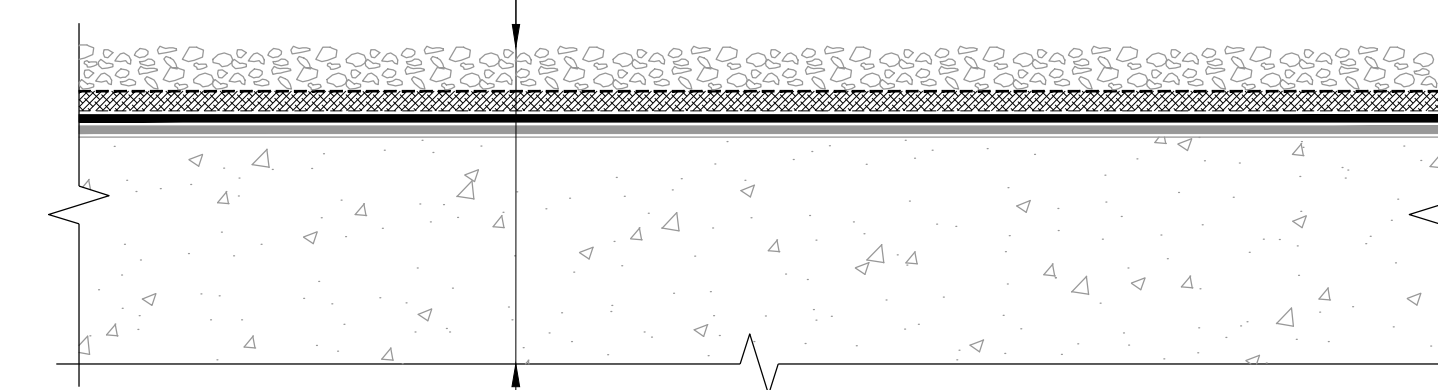
R1 TYPICAL ROOF SYSTEM R1
 3 1:5 BLDG M-02 ROOF AREA 2, BLDG M-10 ROOF AREAS 1, 2 & 5

- EXISTING ROOF SYSTEM E4:
 - GRAVEL BALLAST
 - FILTER FABRIC
 - PVC MEMBRANE
 - CONCRETE DECK



E4 EXISTING ROOF SYSTEM E4
 3 1:5 BLDG M-02 ROOF AREA 5

- TYPICAL ROOF SYSTEM R2:
 - EXISTING GRAVEL BALLAST
 - 13 mm DRAINAGE BOARD WITH FILTER FABRIC
 - PVC MEMBRANE
 - EXISTING PVC MEMBRANE
 - EXISTING CONCRETE DECK



R2 TYPICAL ROOF SYSTEM R2
 3 1:5 BLDG M-02 ROOF AREA 5

C



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A	A Detail no. No. du détail	A
B	B Location drawing no. sur dessin no.	B C
C	C Drawing no. dessin no.	

project: **ROOF REPLACEMENT BUILDING M-02, ROOF AREAS 2, 4 + 5 BUILDING M-10, ROOF AREAS 1, 2, + 5 1200 MONTREAL ROAD, OTTAWA NATIONAL RESEARCH COUNCIL**

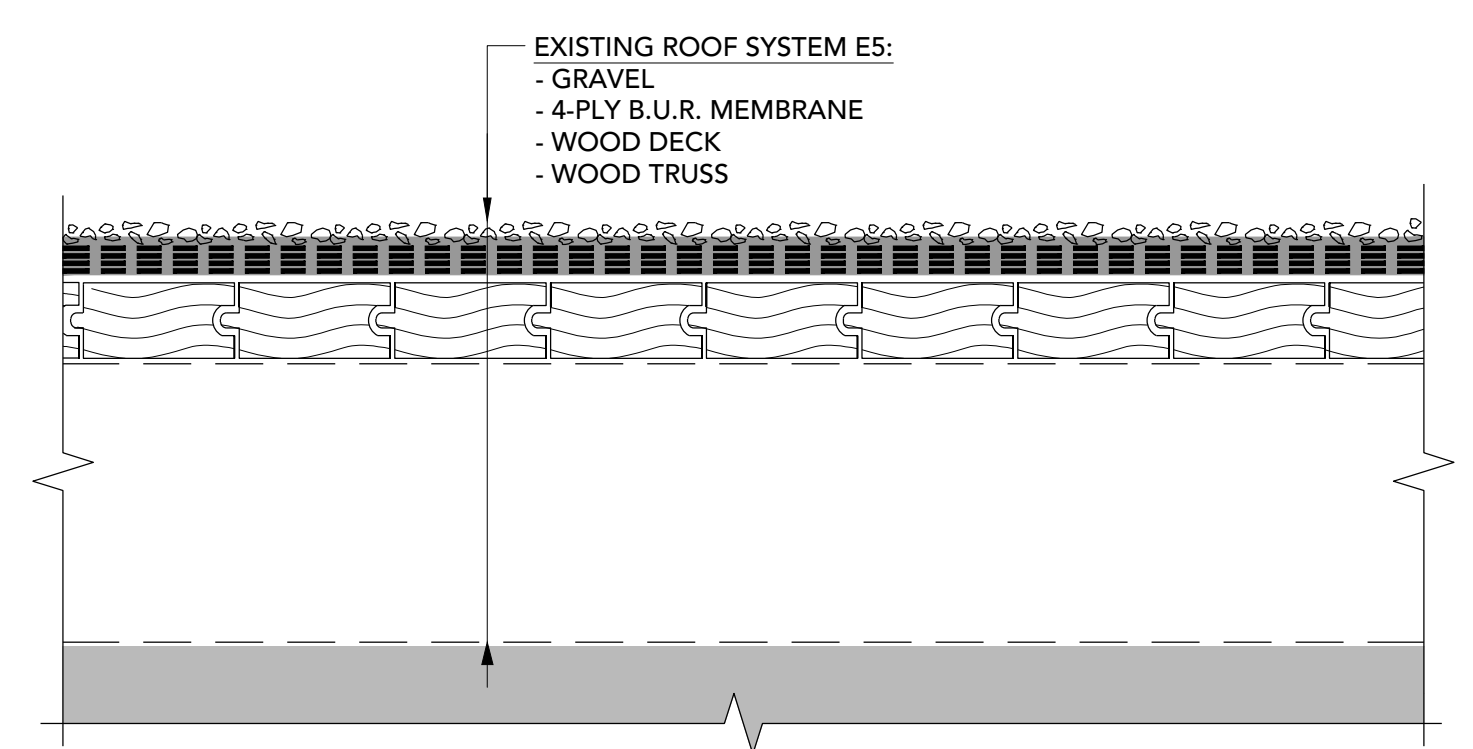
drawing: **DETAILS**

designed John Callender	conçu 2016-06-20	date	date
drawn Guillaume Castonguay	dessiné	scale 1:5	échelle
checked John Callender	vérifié	sheet 3	of/de 7
approved	approuvé	W.O.no. A1-007001-03-01	D.T.no.
dwg.no. 5230-3		dessin no.	

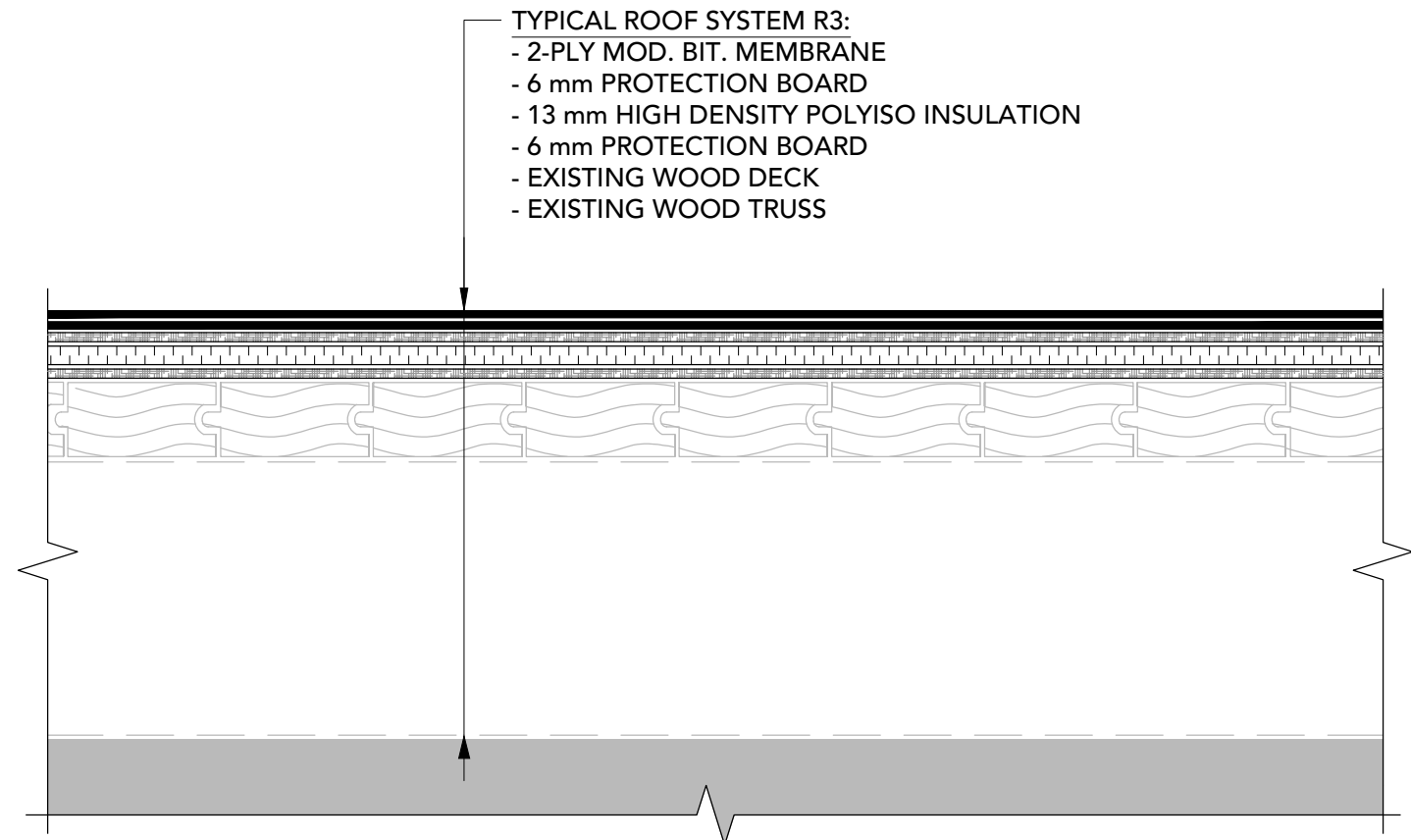
Key Plan:

Notes:

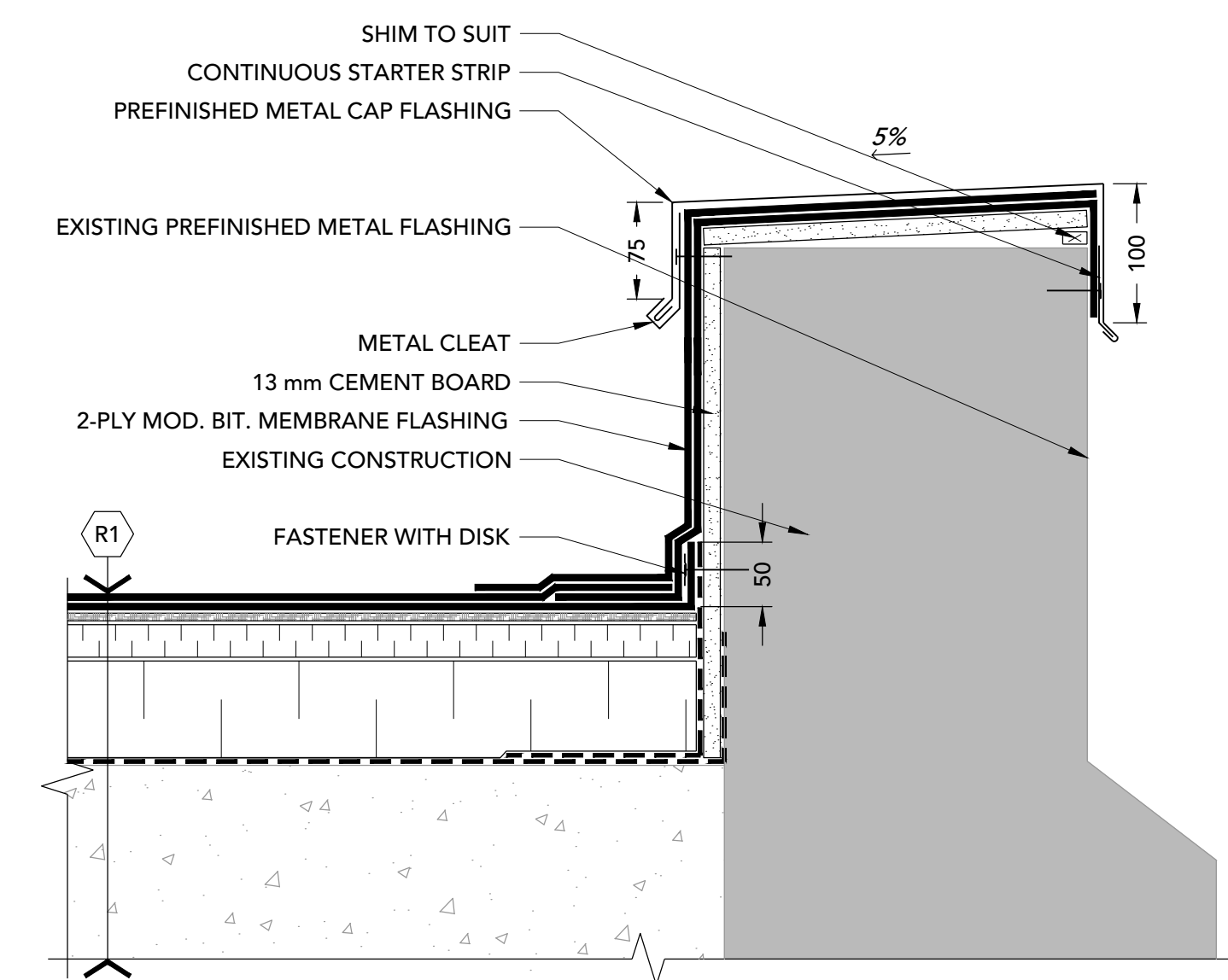
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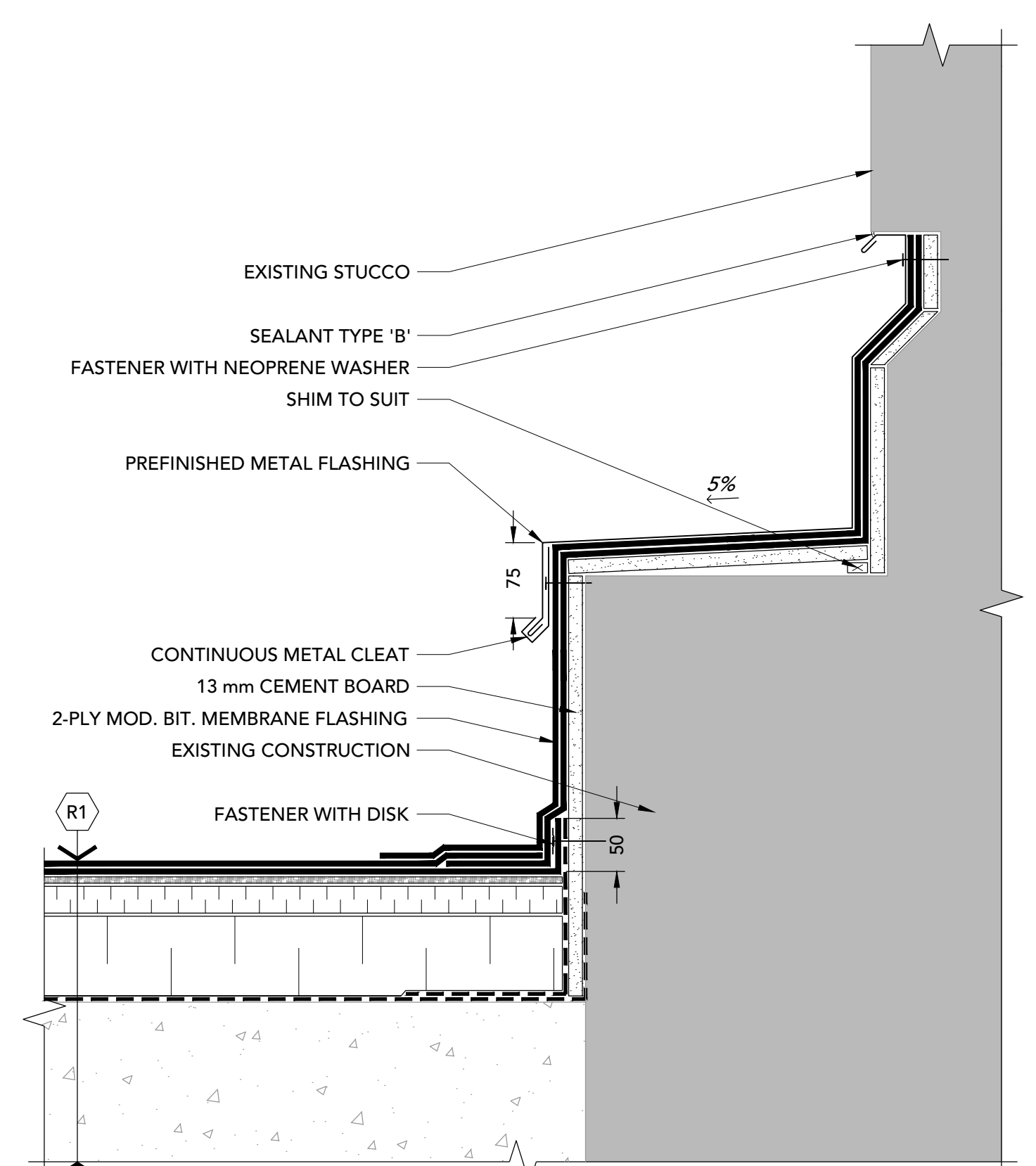
E5 EXISTING ROOF SYSTEM E5
 4 1:5 BLDG M-02 ROOF AREA 4



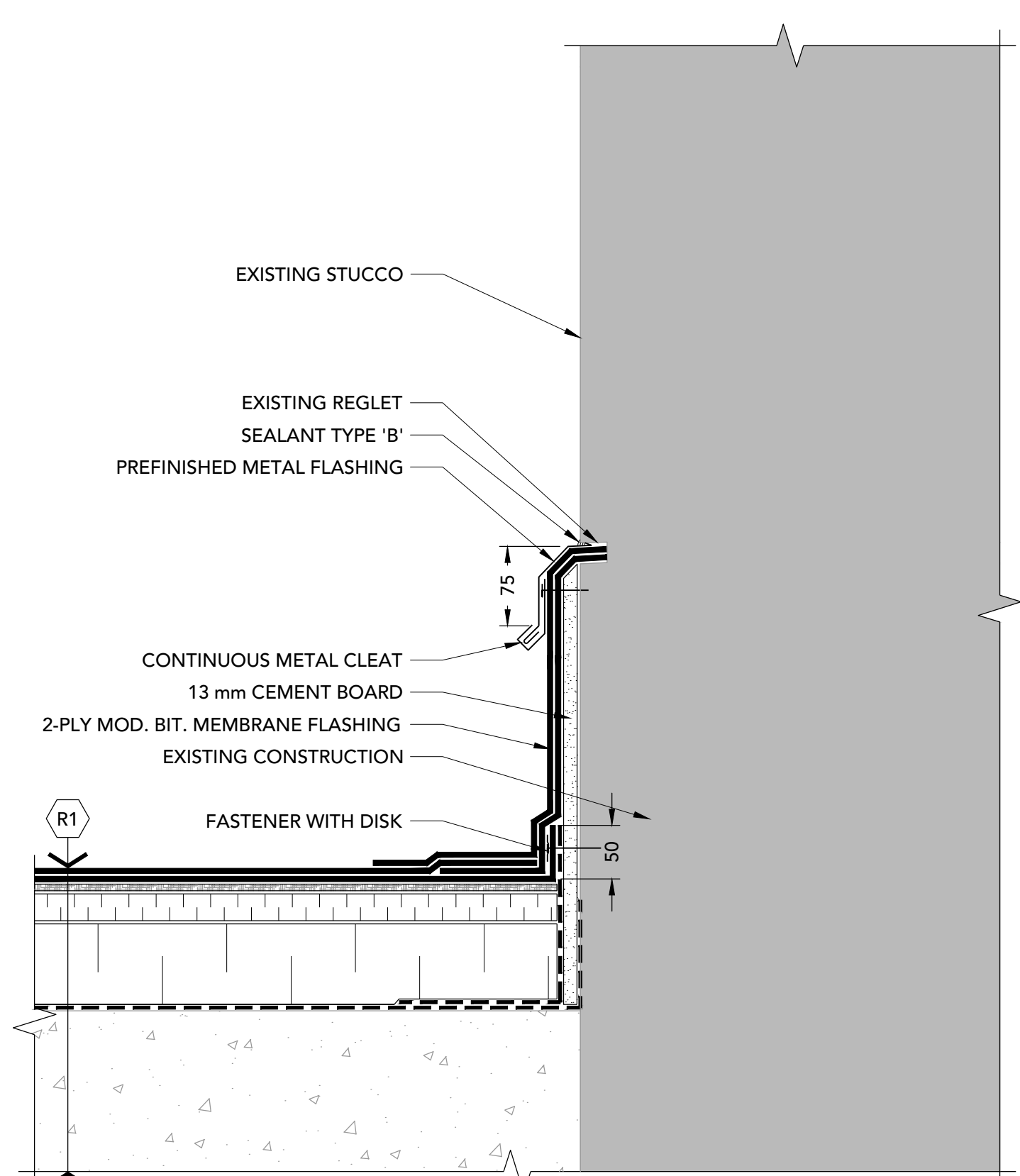
R3 TYPICAL ROOF SYSTEM R3
 4 1:5 BLDG M-02 ROOF AREA 4



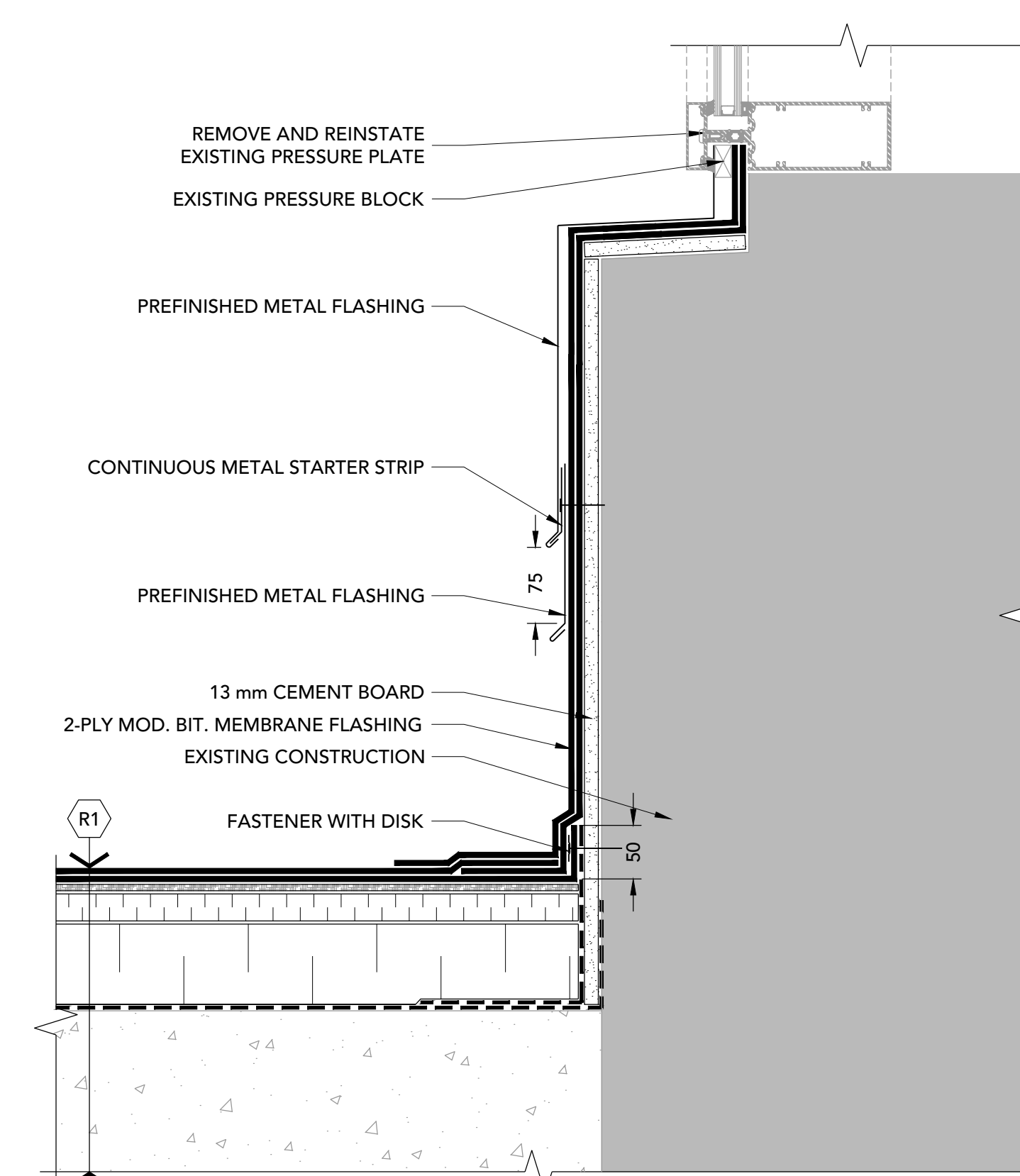
1 PARAPET
 4 1:5



2 WALL TIE-IN
 4 1:5



3 WALL TIE-IN
 4 1:5

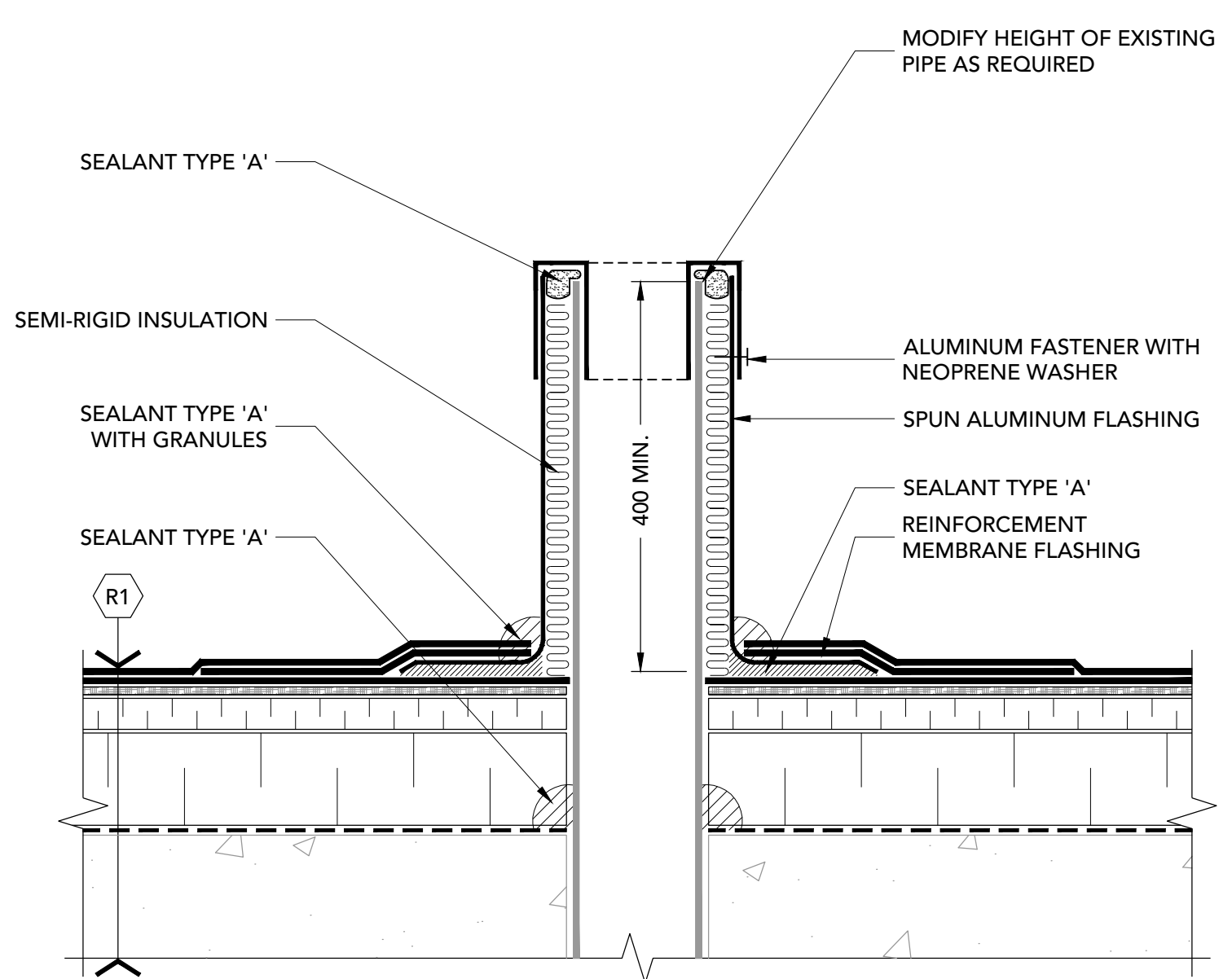


4 CURTAINWALL TIE-IN
 4 1:5

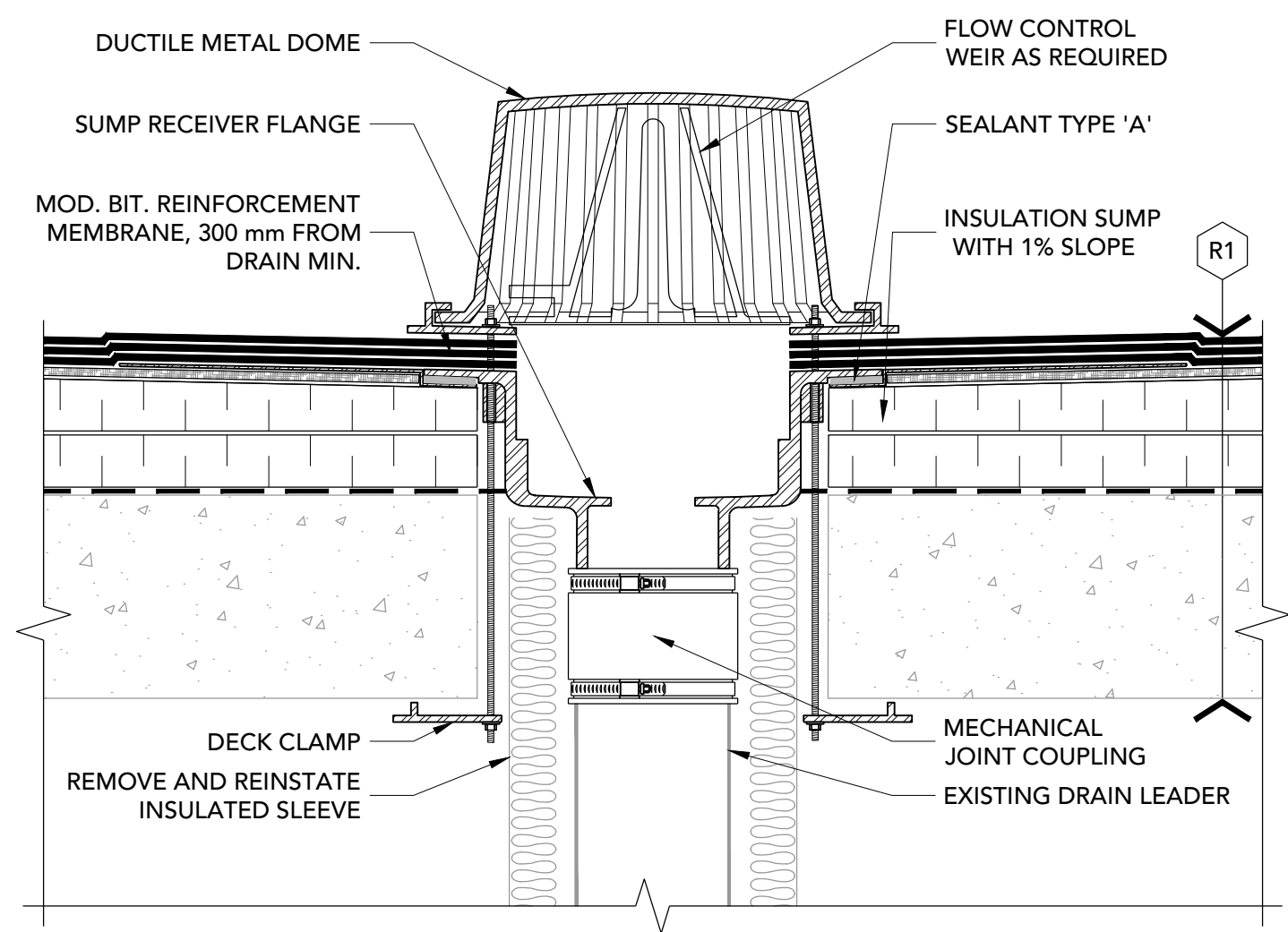
Key Plan:

Notes:

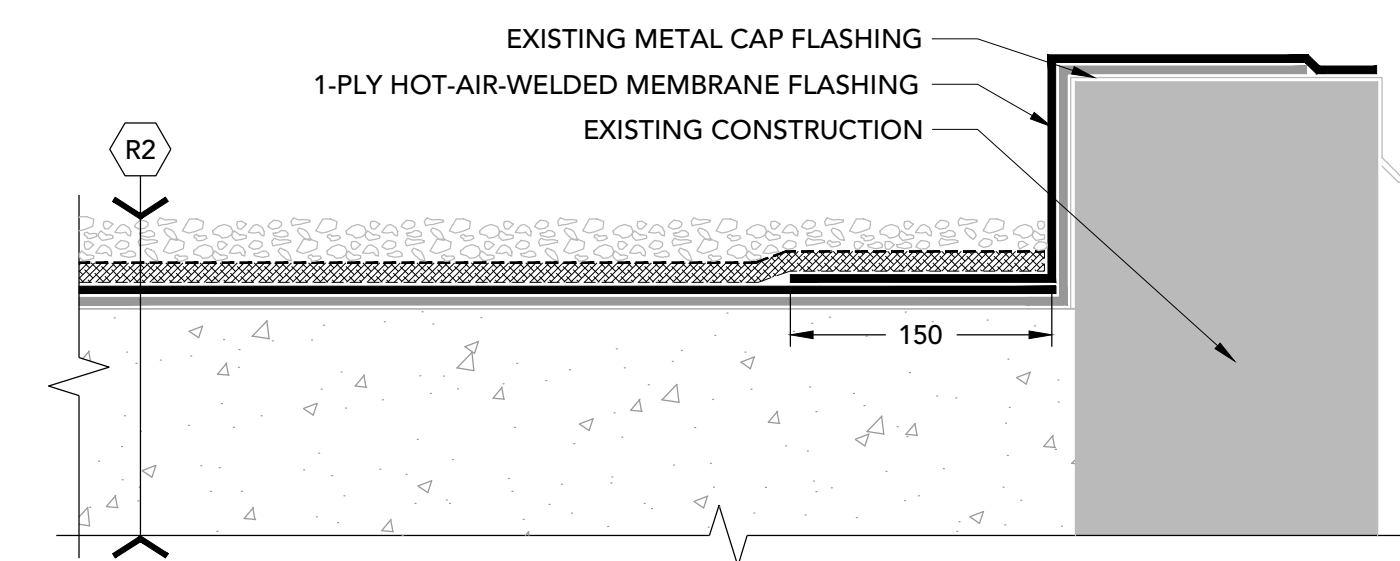
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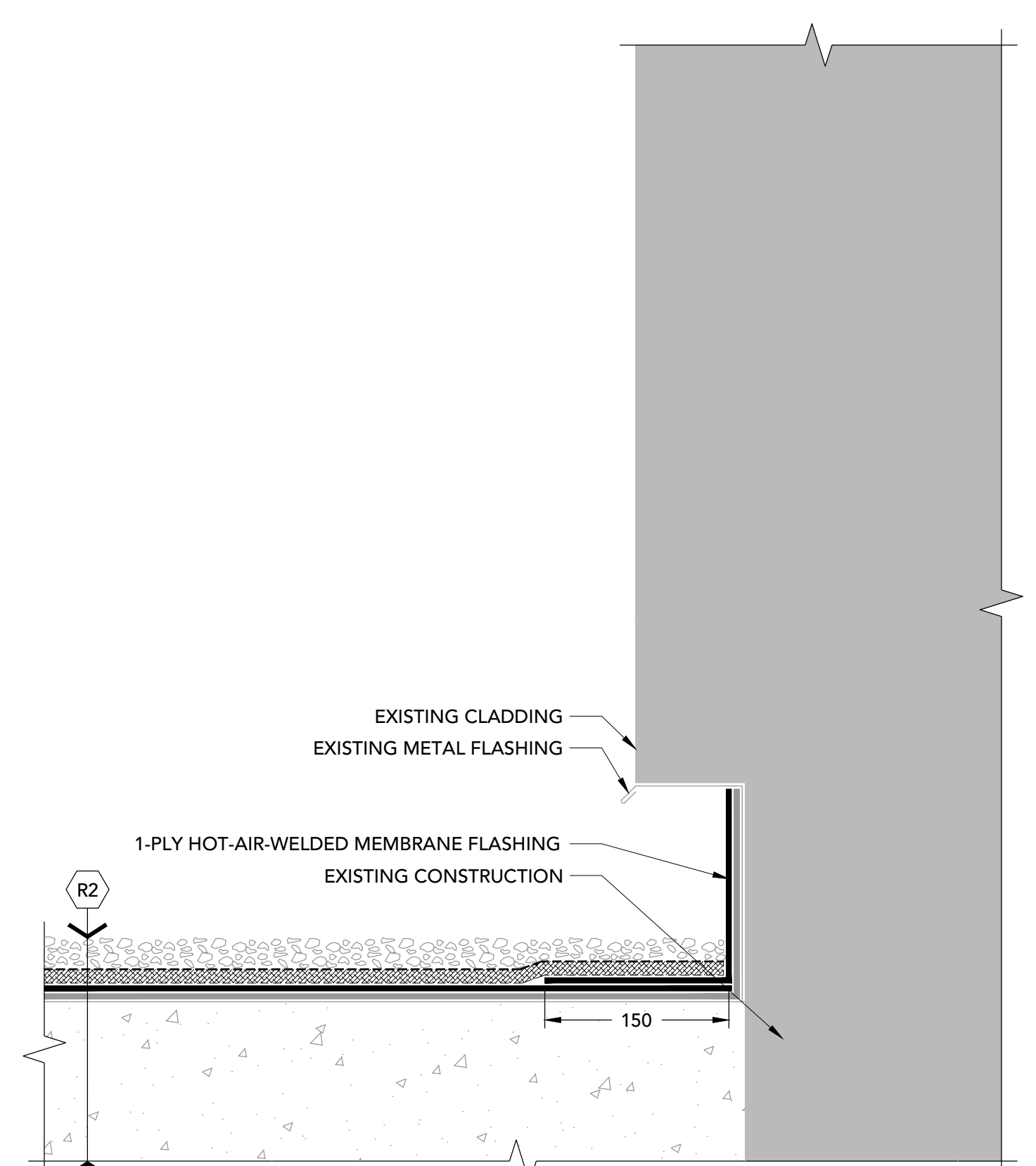
5 PLUMBING VENT
5 1:5



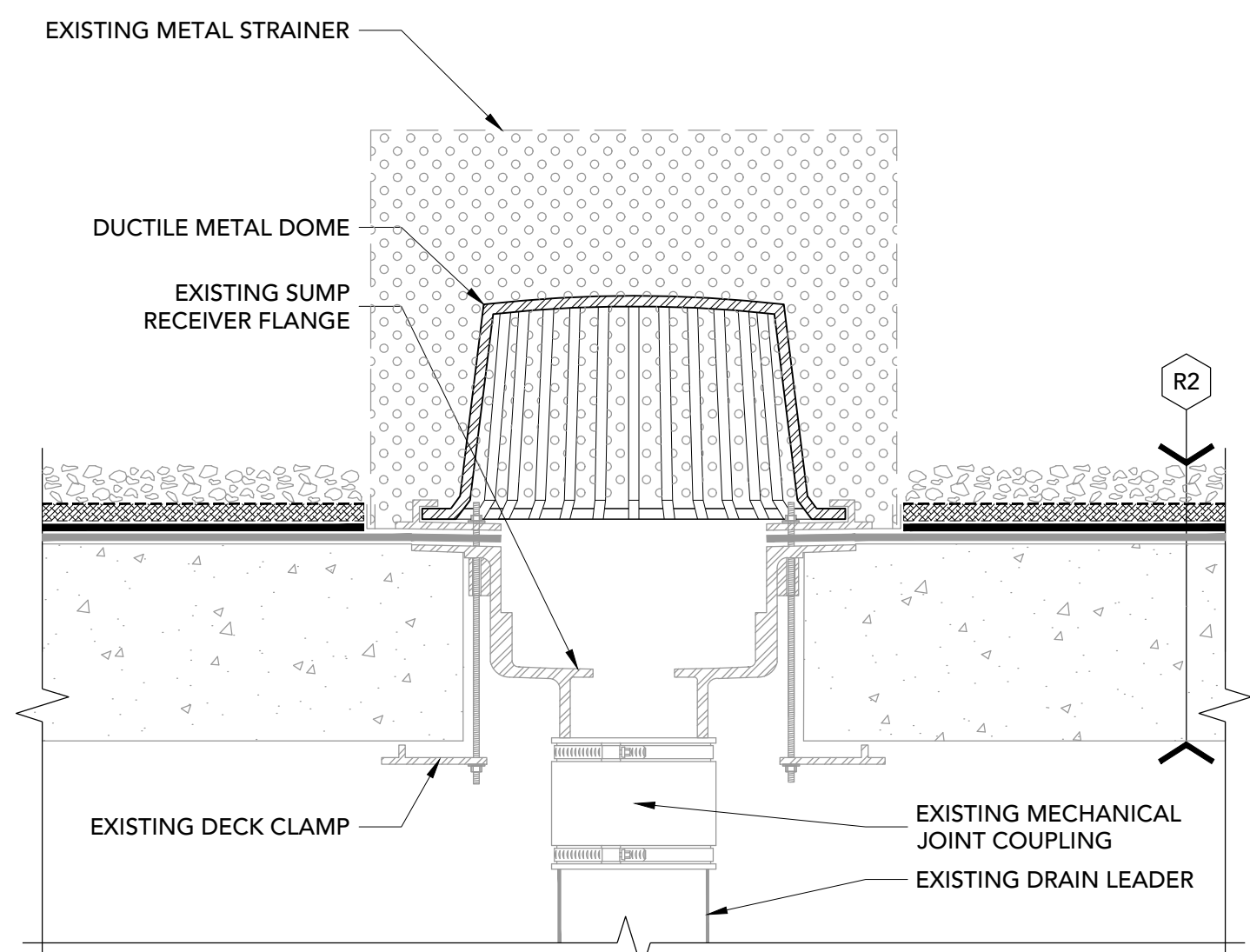
6 ROOF DRAIN
5 1:5



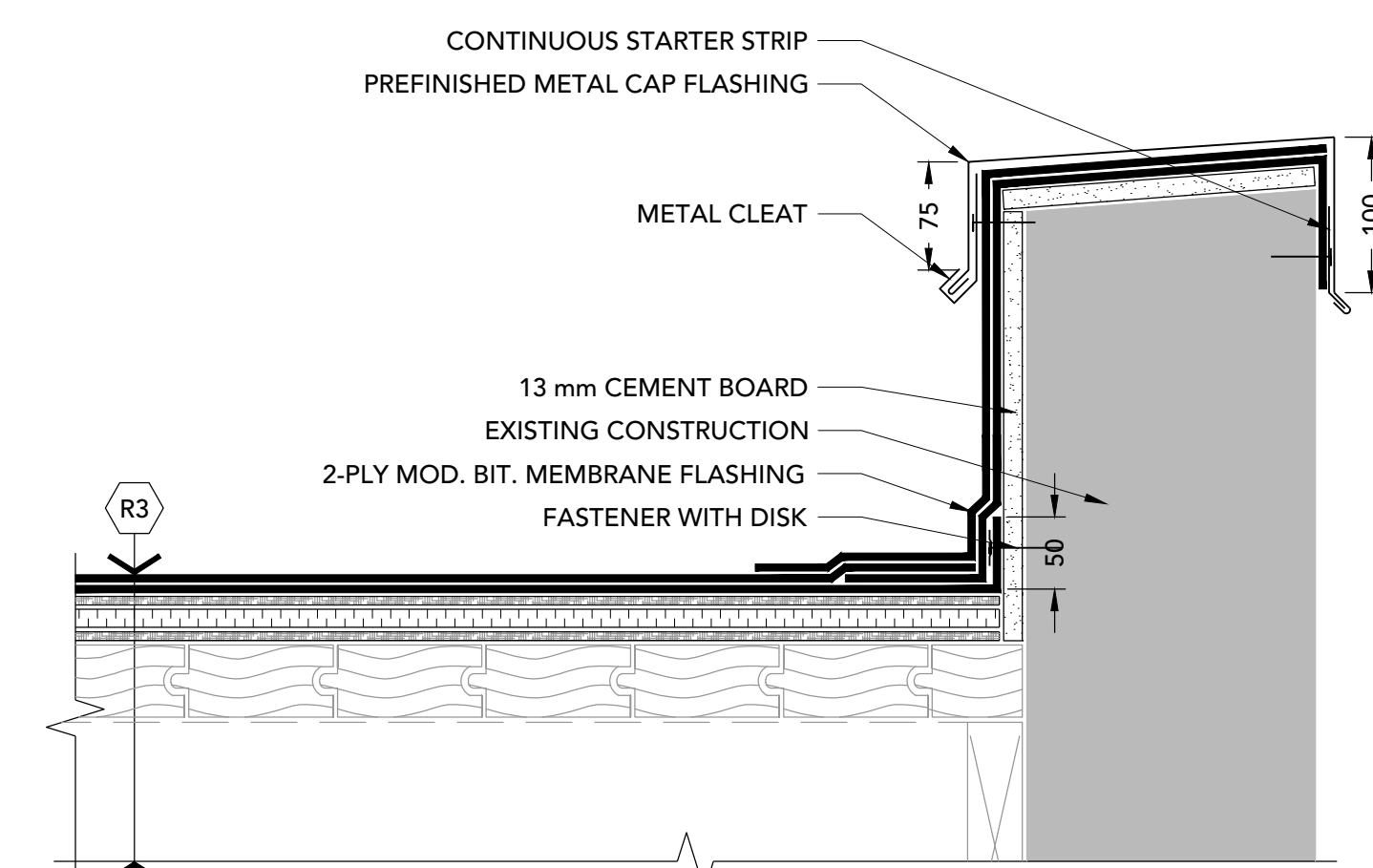
7 PARAPET
5 1:5



8 WALL TIE-IN
5 1:5



9 ROOF DRAIN
5 1:5



10 PARAPET
5 1:5

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A Detail no. No. du détail
 B Location drawing no. sur dessin no.
 C Drawing no. dessin no.

project projet
ROOF REPLACEMENT
BUILDING M-02, ROOF AREAS 2, 4 + 5
BUILDING M-10, ROOF AREAS 1, 2 + 5
1200 MONTREAL ROAD, OTTAWA
NATIONAL RESEARCH COUNCIL

drawing dessin

DETAILS

designed conçu date 2016-06-20 date
 John Callender

drawn dessiné scale 1:5 échelle
 Guillaume Castonguay

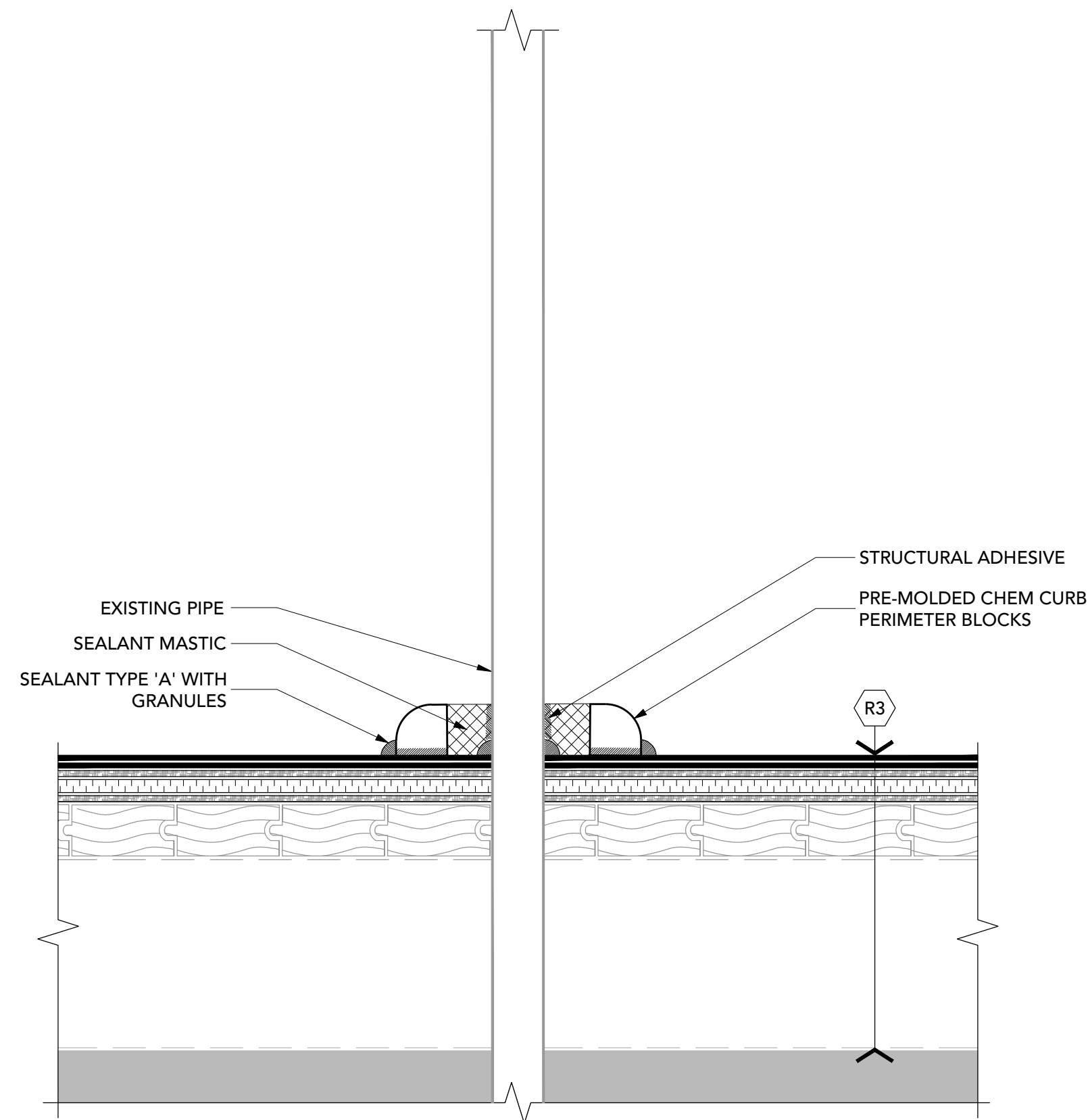
checked vérifié sheet 5 of/de 7 feuille
 John Callender

approved approuvé W.O.no. A1-007001-03-01 D.T.no.
 approved

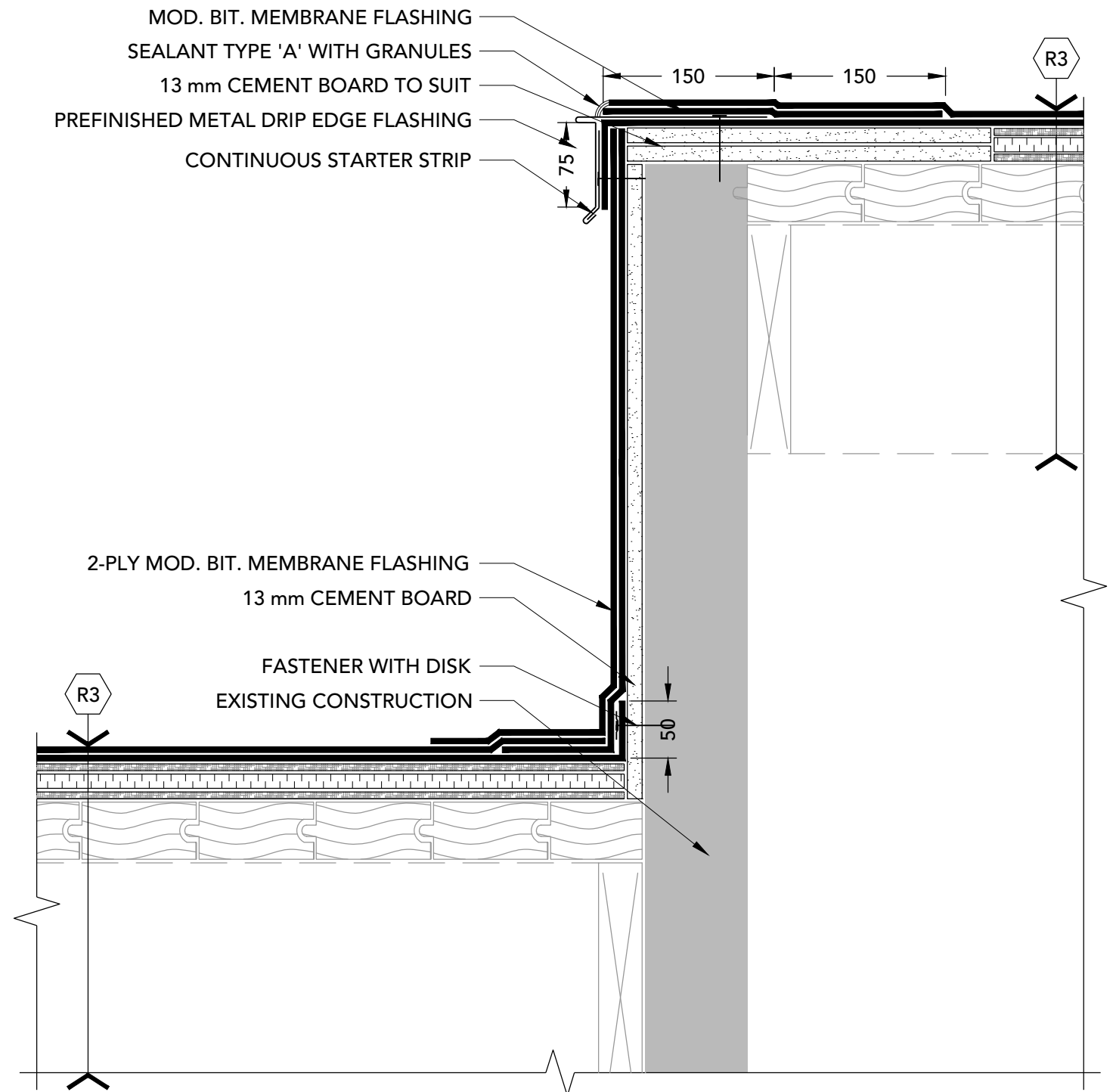
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Key Plan:

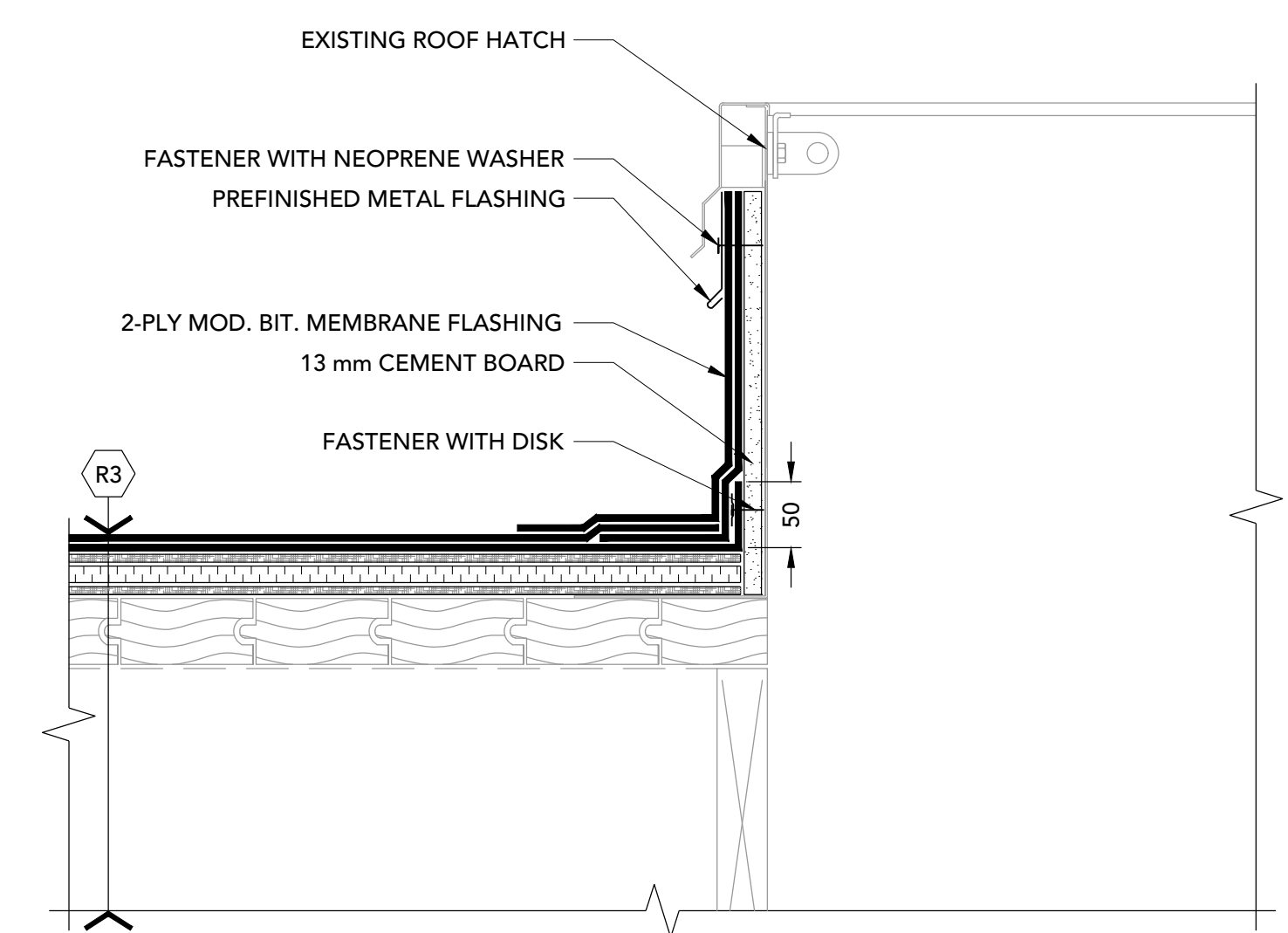
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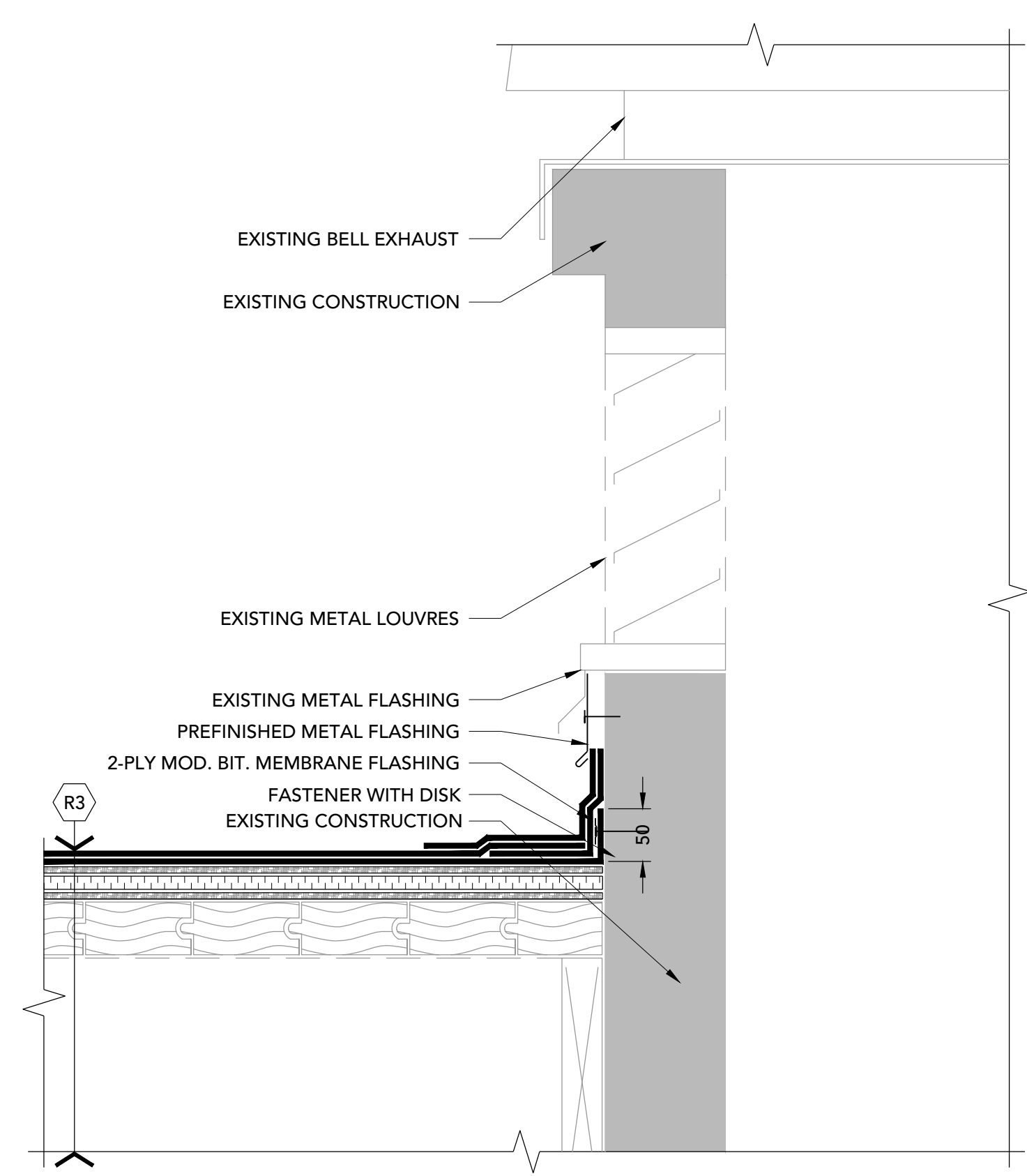
11 MODULAR CURB
6 1:5



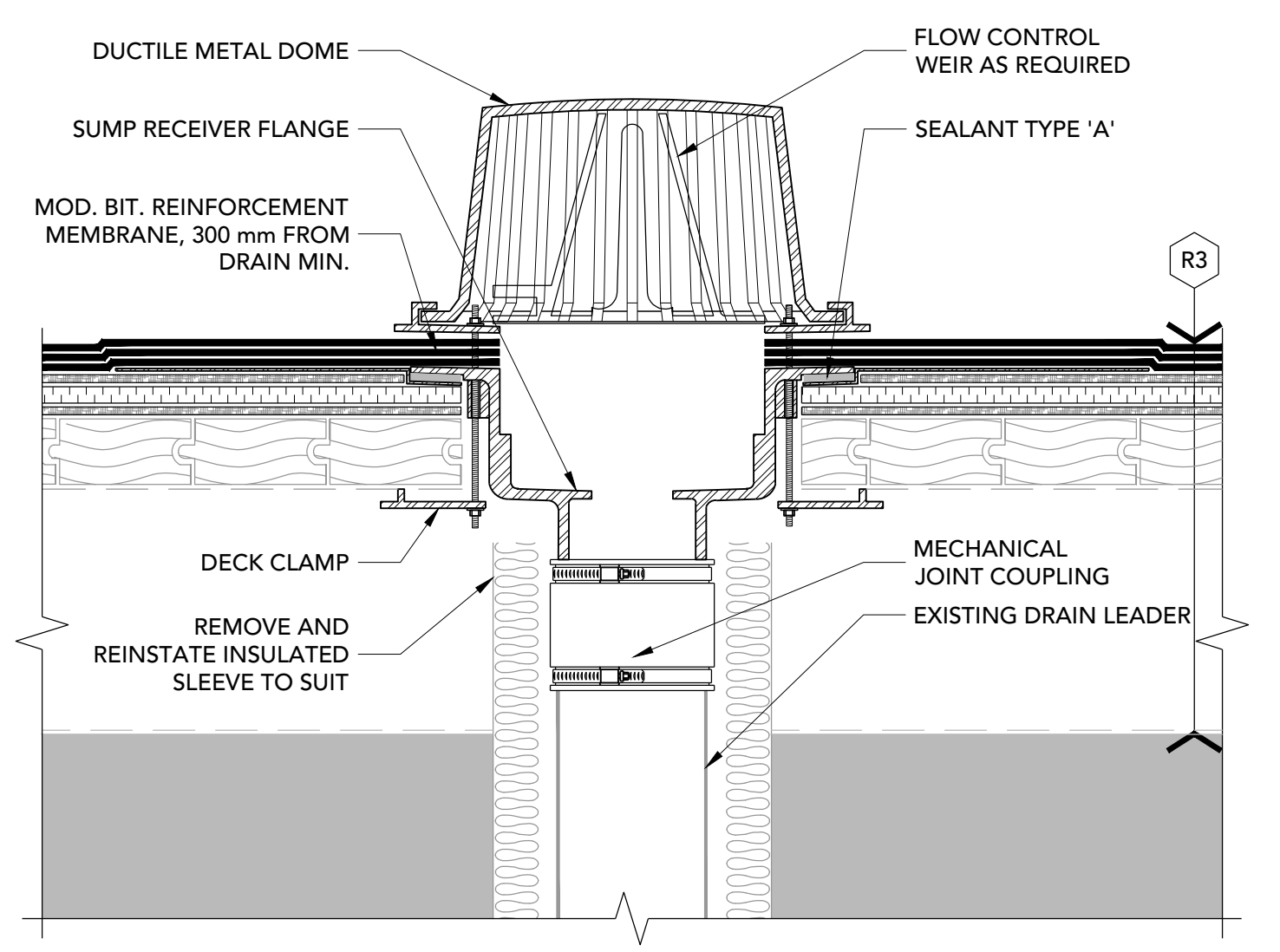
12 CURB FLASHING
6 1:5



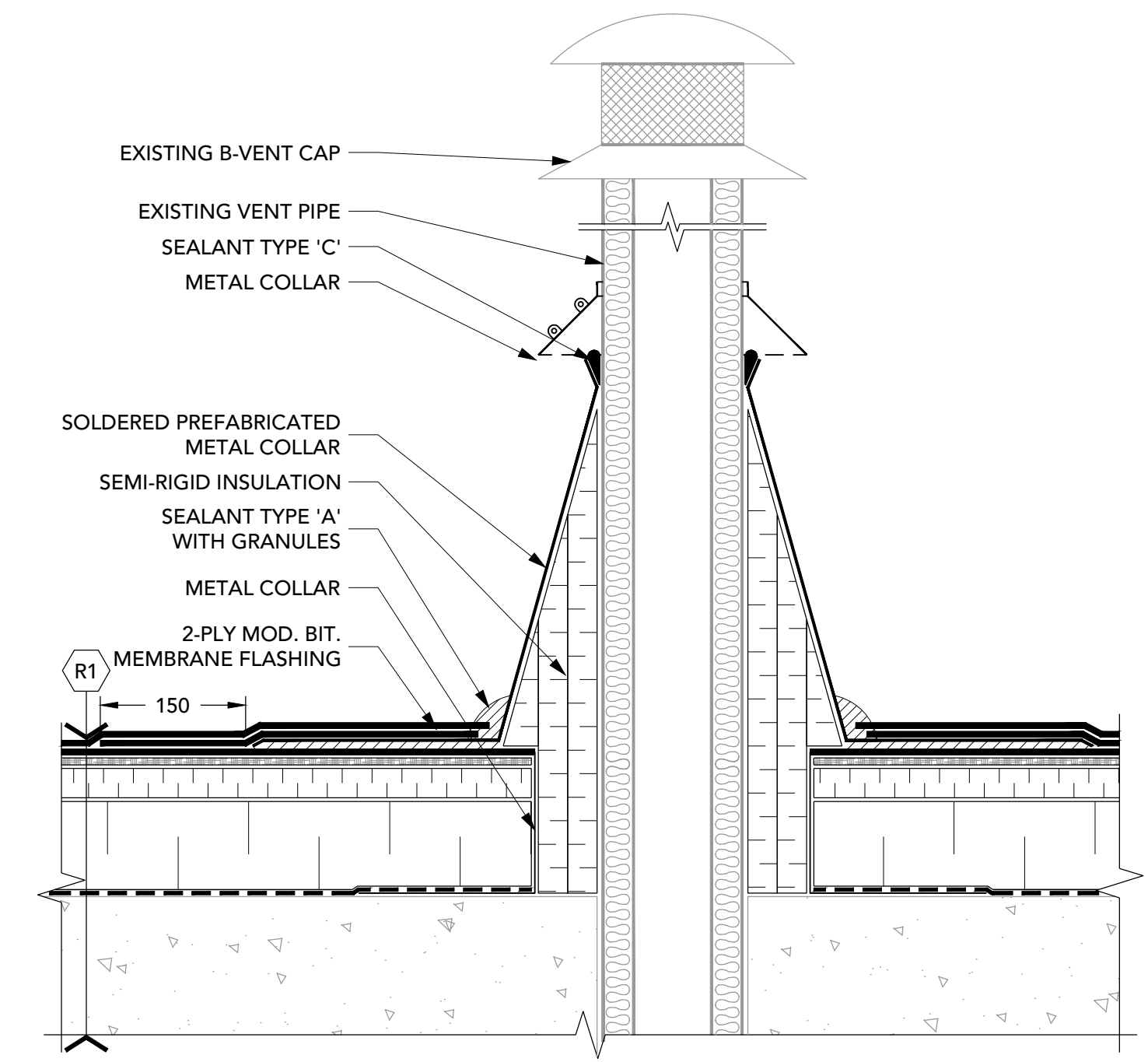
13 ROOF HATCH
6 1:5



14 BELL EXHAUST
6 1:5



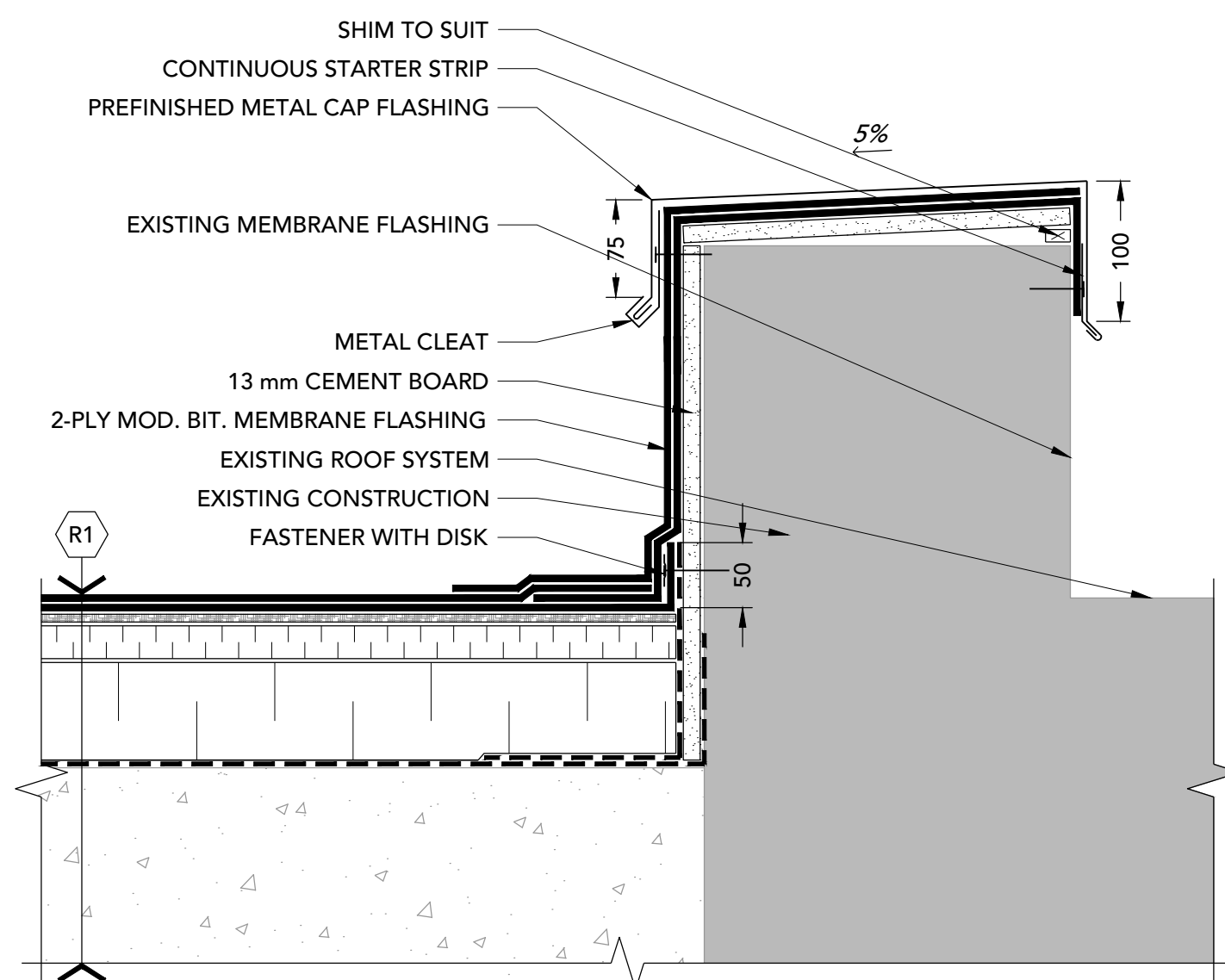
15 ROOF DRAIN
6 1:5



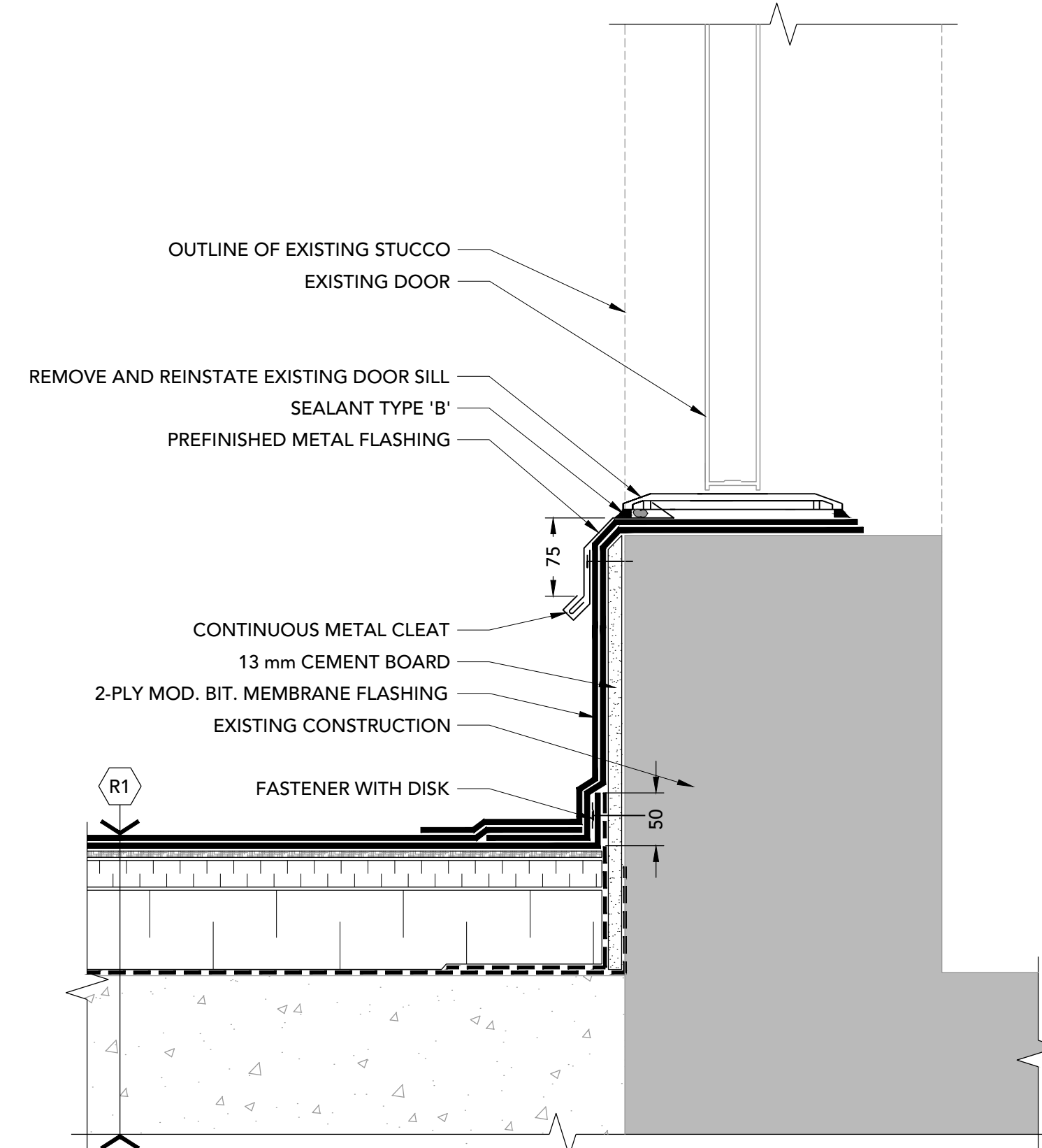
16 B-VENT
6 1:5

Key Plan:

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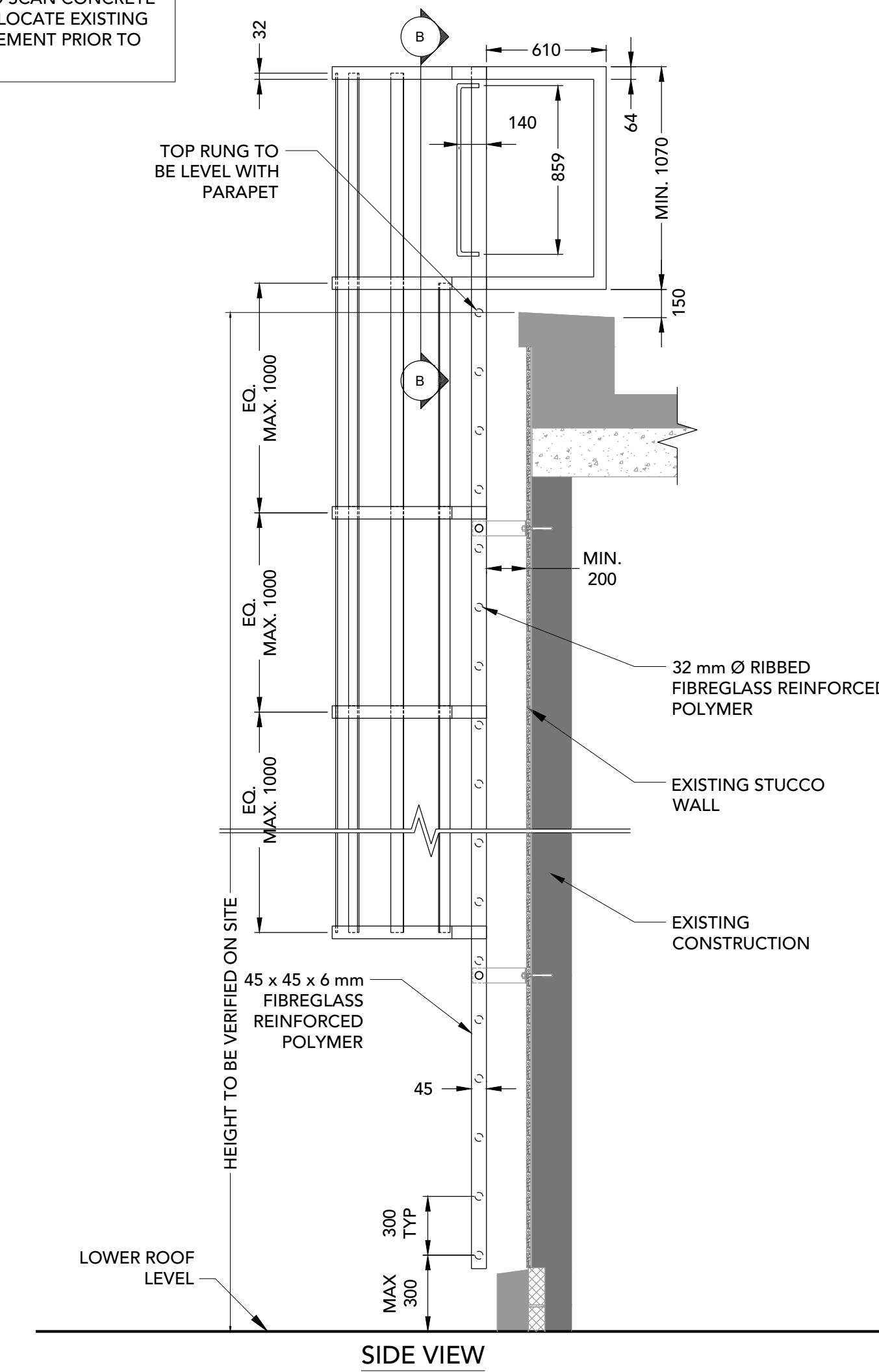


17 CONTROL JOINT
7 1:5

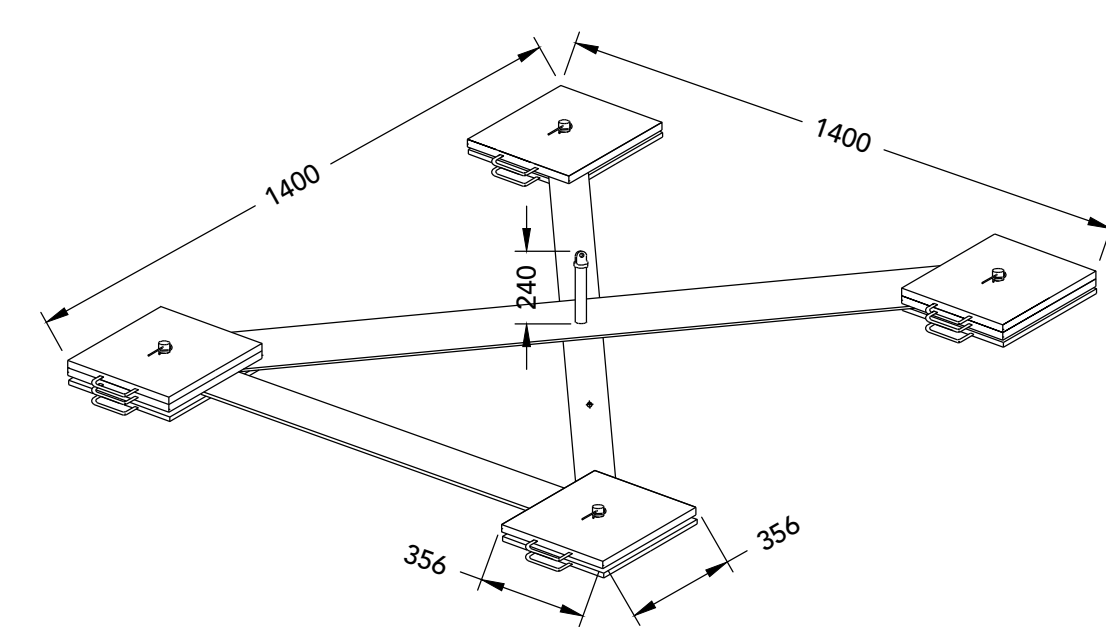


18 TIE-IN AT DOOR SILL
7 1:5

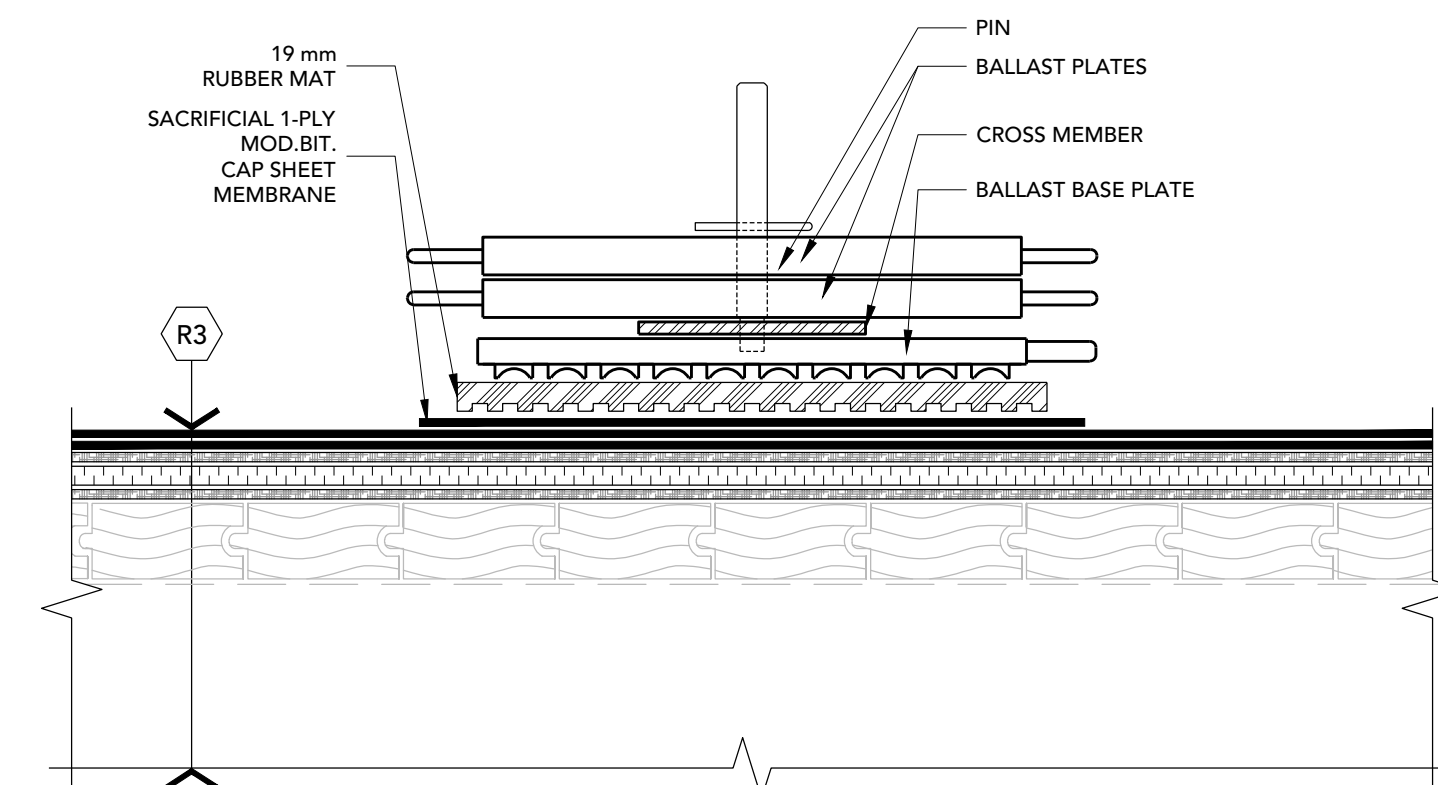
NOTE:
 CONTRACTOR TO SCAN CONCRETE BLOCK WALL TO LOCATE EXISTING STEEL REINFORCEMENT PRIOR TO DRILLING.



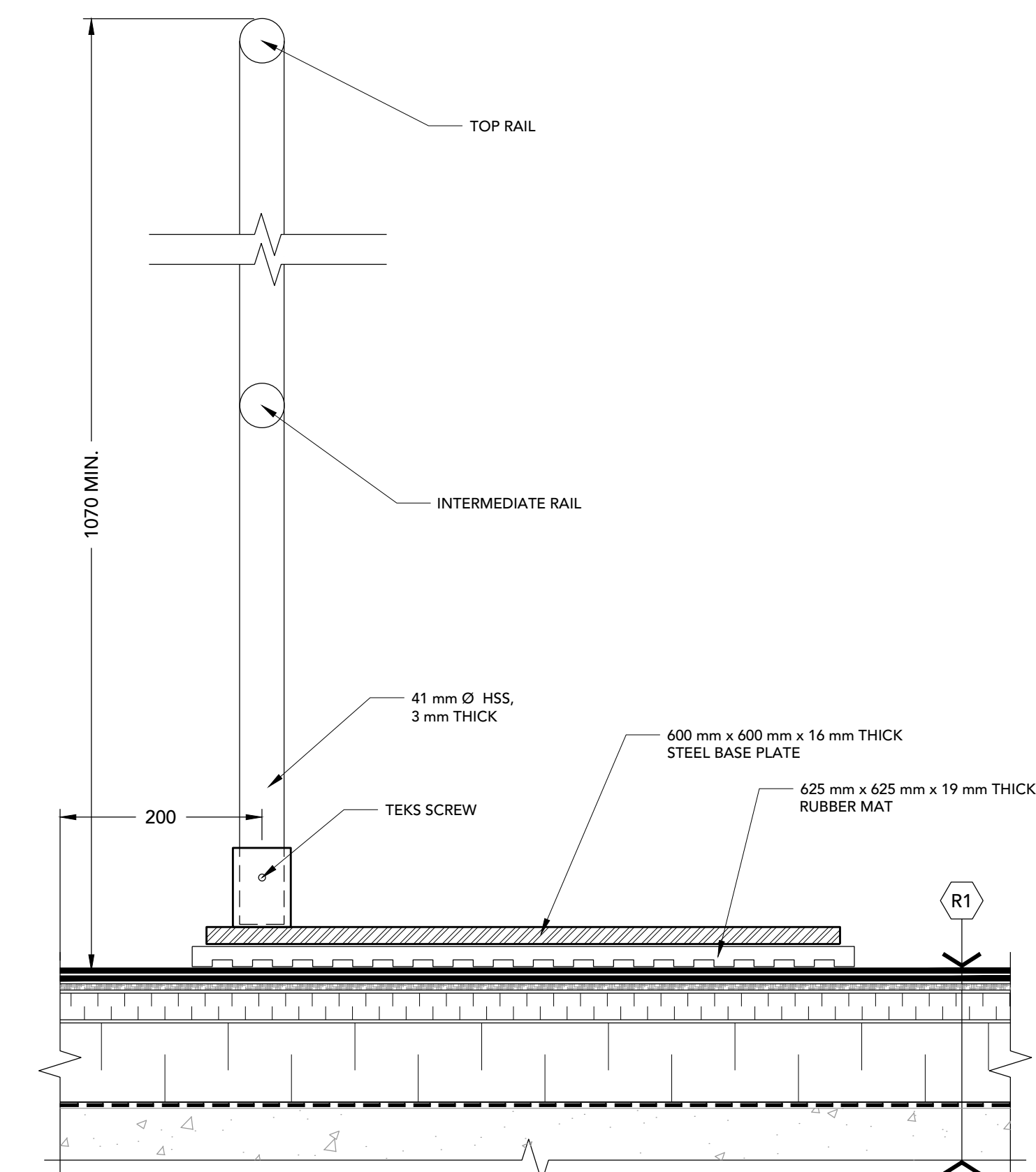
19 LADDER WITH CAGE
7 1:25



20 BALLASTED TRAVEL RESTRAINT ANCHOR ASSEMBLY
7 1:25



21 BALLAST ASSEMBLY
7 1:5



22 BALLASTED GUARDRAIL SYSTEM
7 1:5

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A	A Detail no.	A
B	No. du détail	B
C	Location drawing no. sur dessin no.	C
	Drawing no. dessin no.	

project: **ROOF REPLACEMENT BUILDING M-02, ROOF AREAS 1, 2, 4 + 5 BUILDING M-10, ROOF AREAS 1, 2, + 5 1200 MONTREAL ROAD, OTTAWA NATIONAL RESEARCH COUNCIL**

drawing: **DETAILS**

designed	conçu	date	date
John Callender		2016-06-20	
drawn	dessiné	scale	échelle
Guillaume Castonguay		AS NOTED	
checked	vérifié	sheet	feuille
John Callender		7	of/ de 7
approved	approuvé	W.O. no.	D.T. no.
		A1-007001-03-01	

dwg. no. **5230-7**