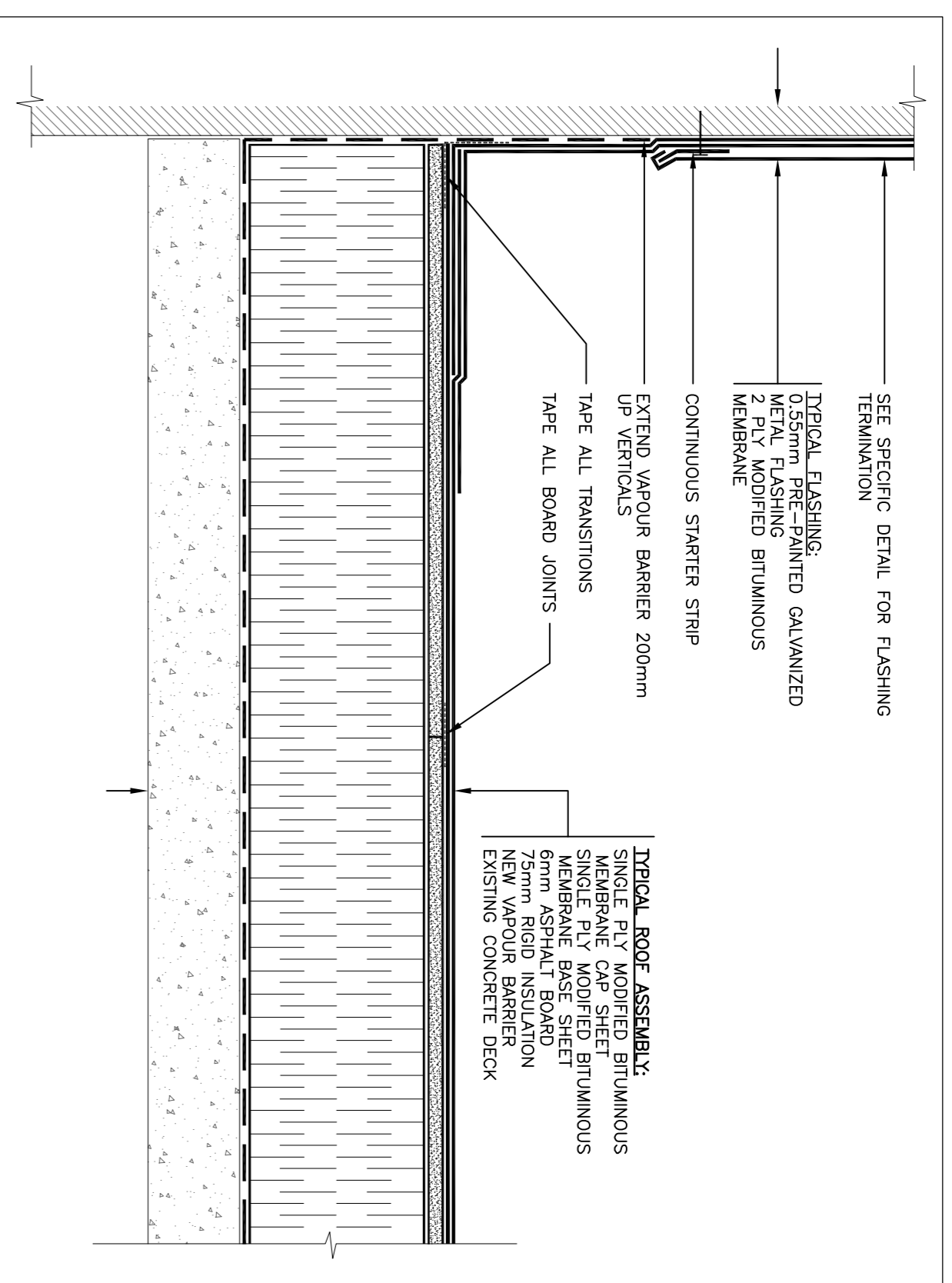
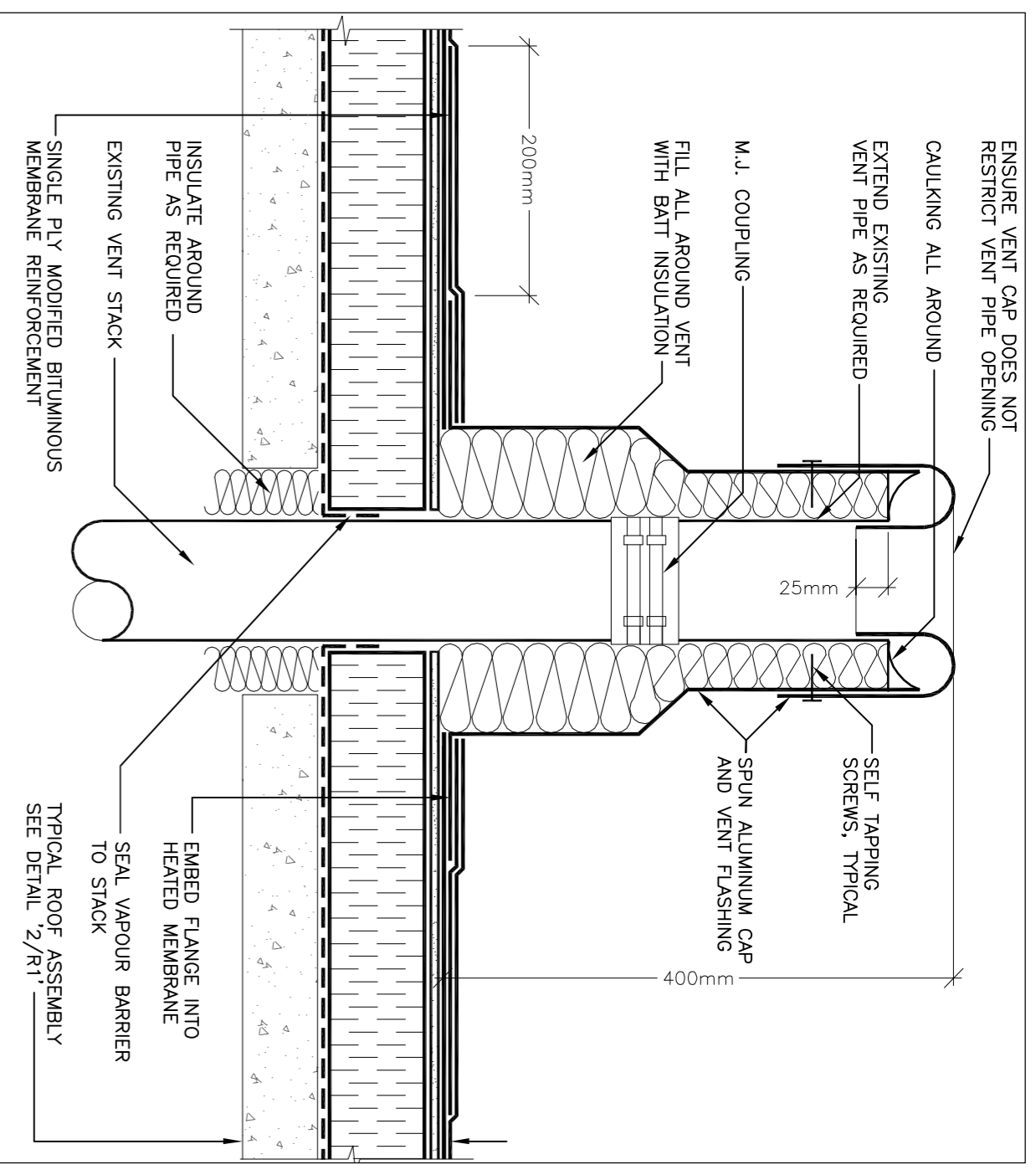


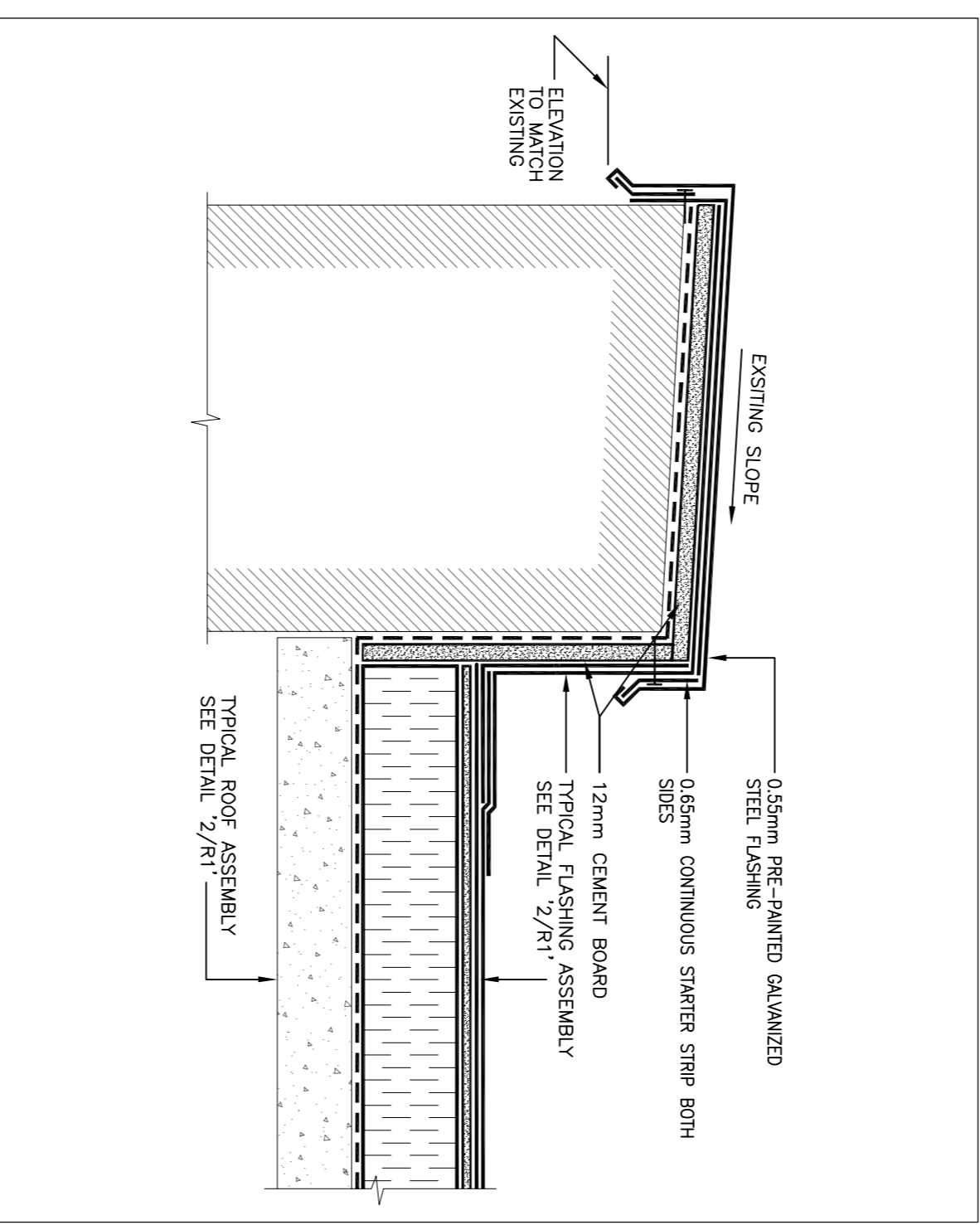
1 ROOF PLAN  
SCALE 1 : 50



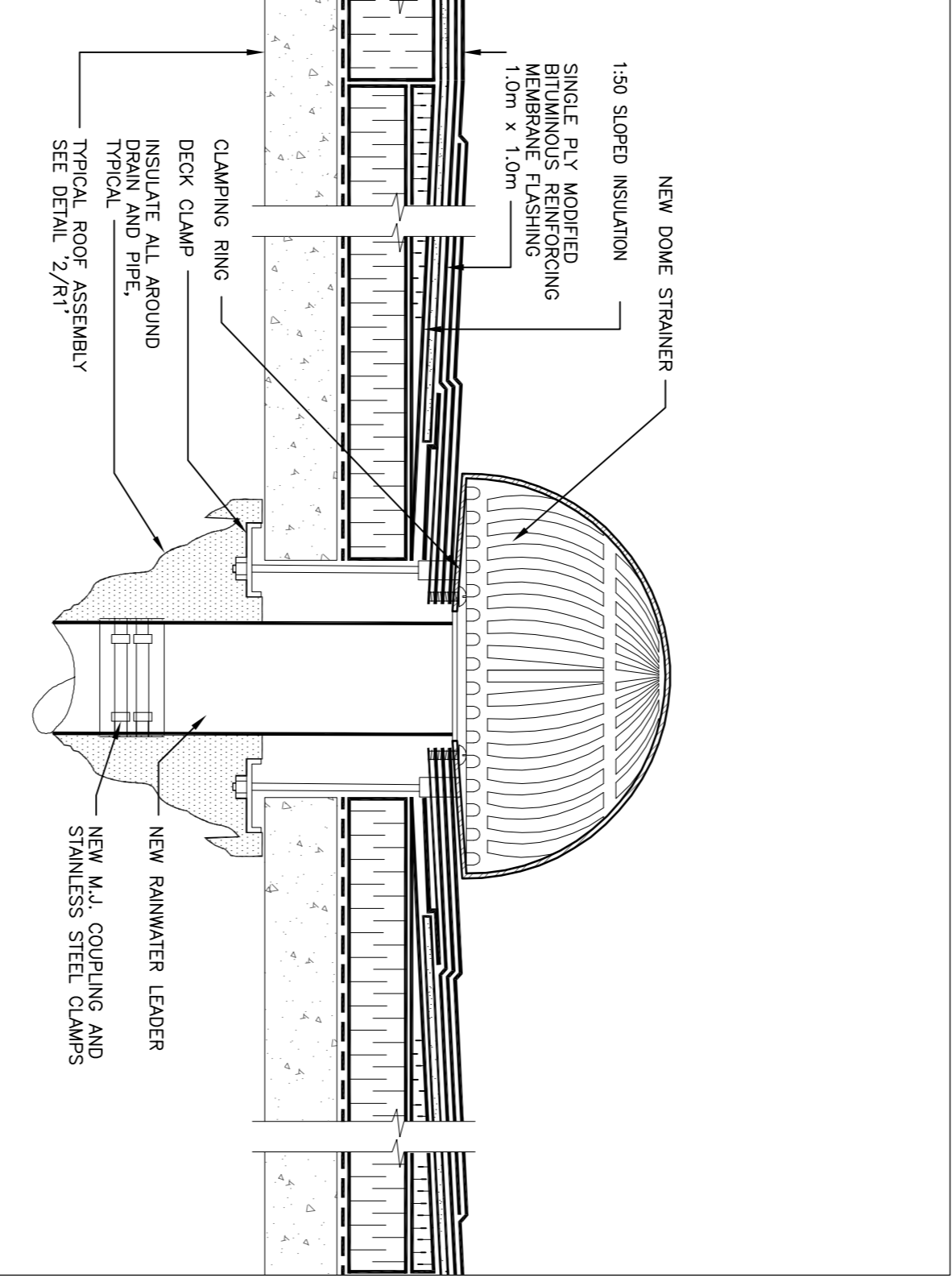
2 TYPICAL ROOF ASSEMBLY DETAIL  
N.T.S.



3 TYPICAL SOIL VENT DETAIL  
N.T.S.



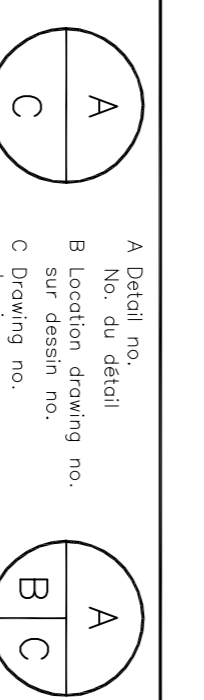
4 TYPICAL PARAPET DETAIL  
N.T.S.



5 TYPICAL DRAIN DETAIL  
N.T.S.

M-1 ROOF PLAN AND DETAILS

Project: NATIONAL RESEARCH COUNCIL  
CANADA  
BUILDING M-1 ROOF REPLACEMENT  
1200 MONTREAL ROAD OTTAWA, ONTARIO



- 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

No.	Date	Revision	By:	Date Printed
1	2014/03/17	ISSUED FOR TENDER	J.C.	
A	2014/03/03	ISSUED FOR REVIEW	J.C.	

designed	conçu	date	date
M. PAULIN		2014/02/10	

drawn	dessiné	scale	échelle
J.C. / M.P.		AS SHOWN	

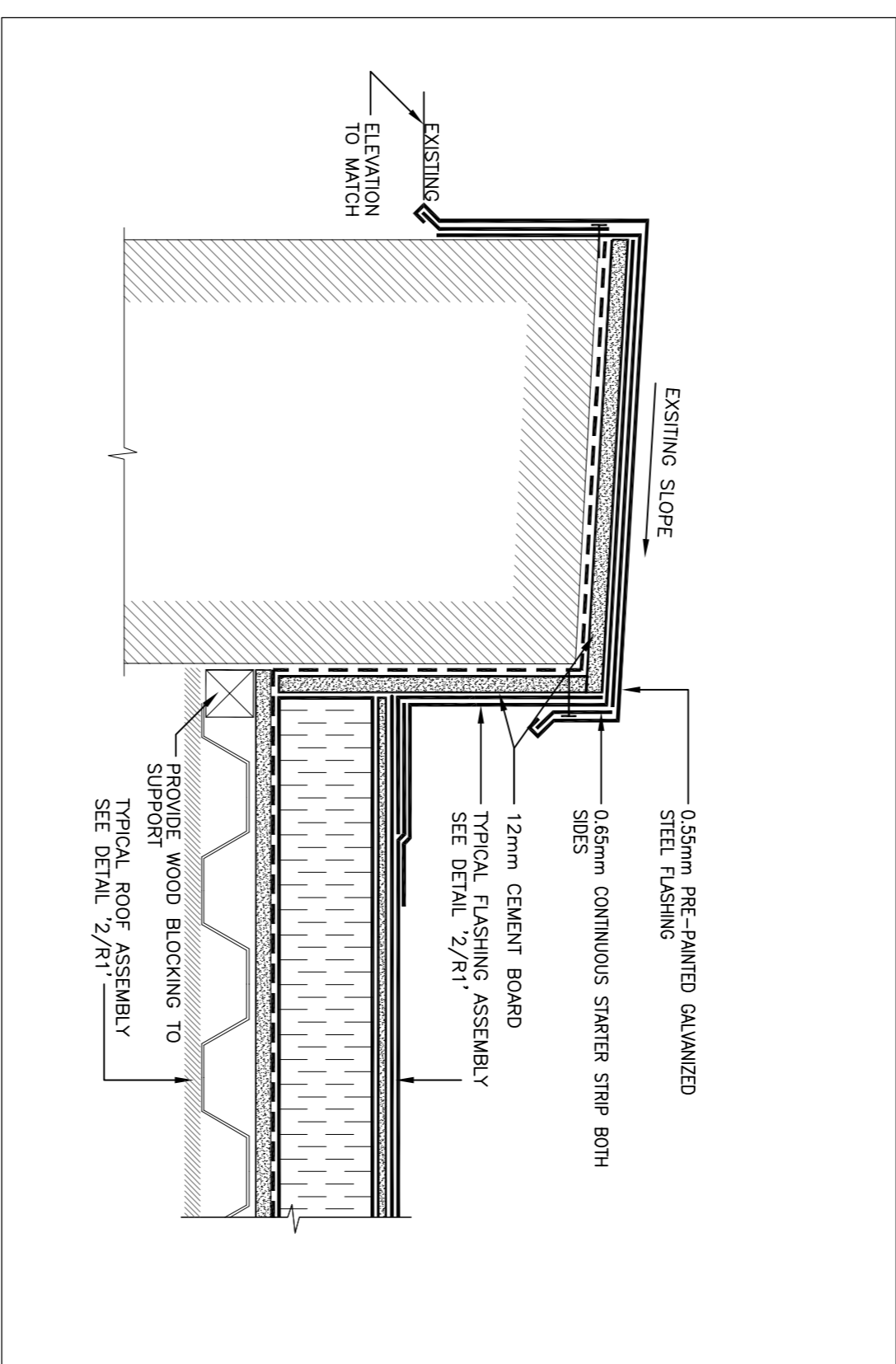
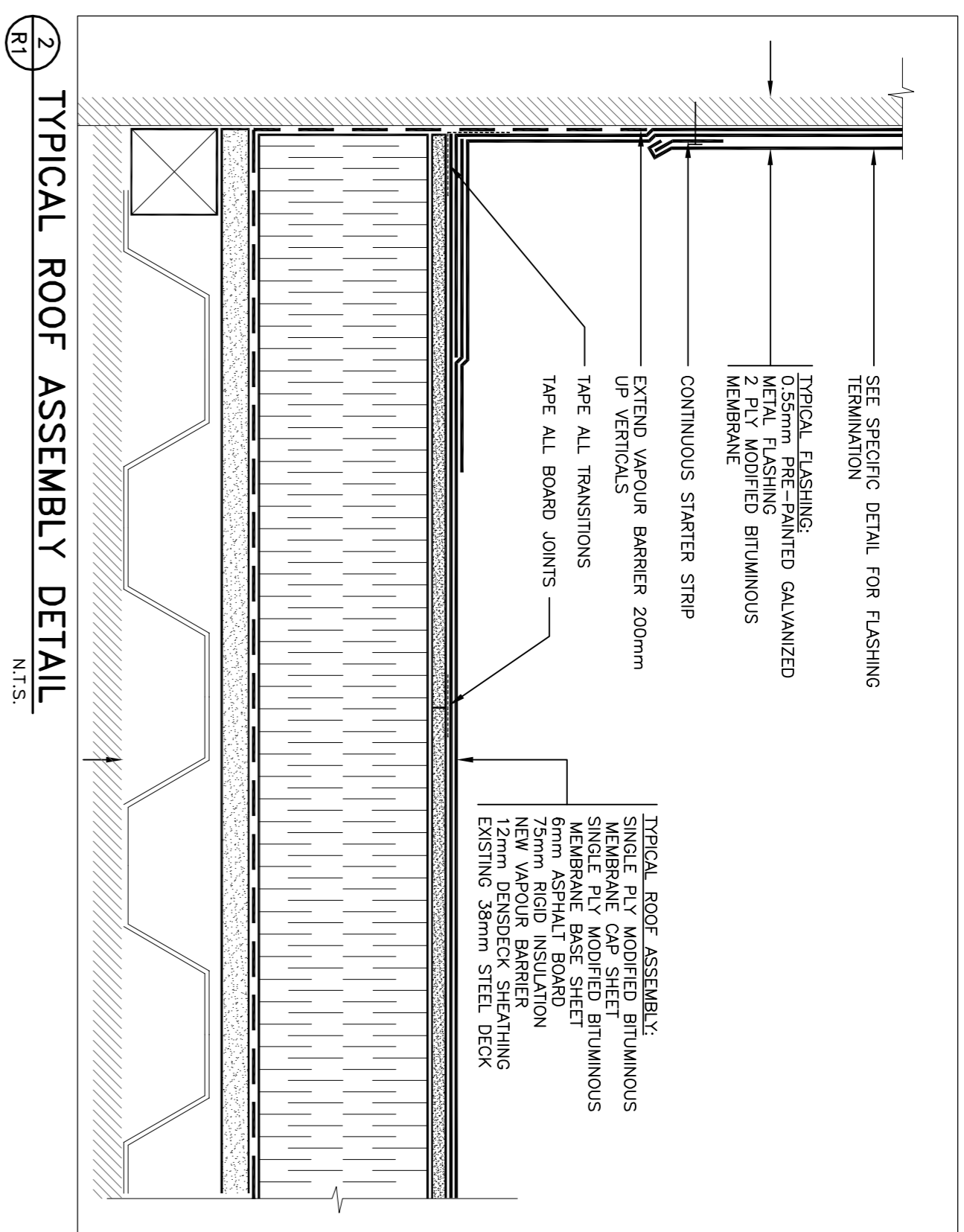
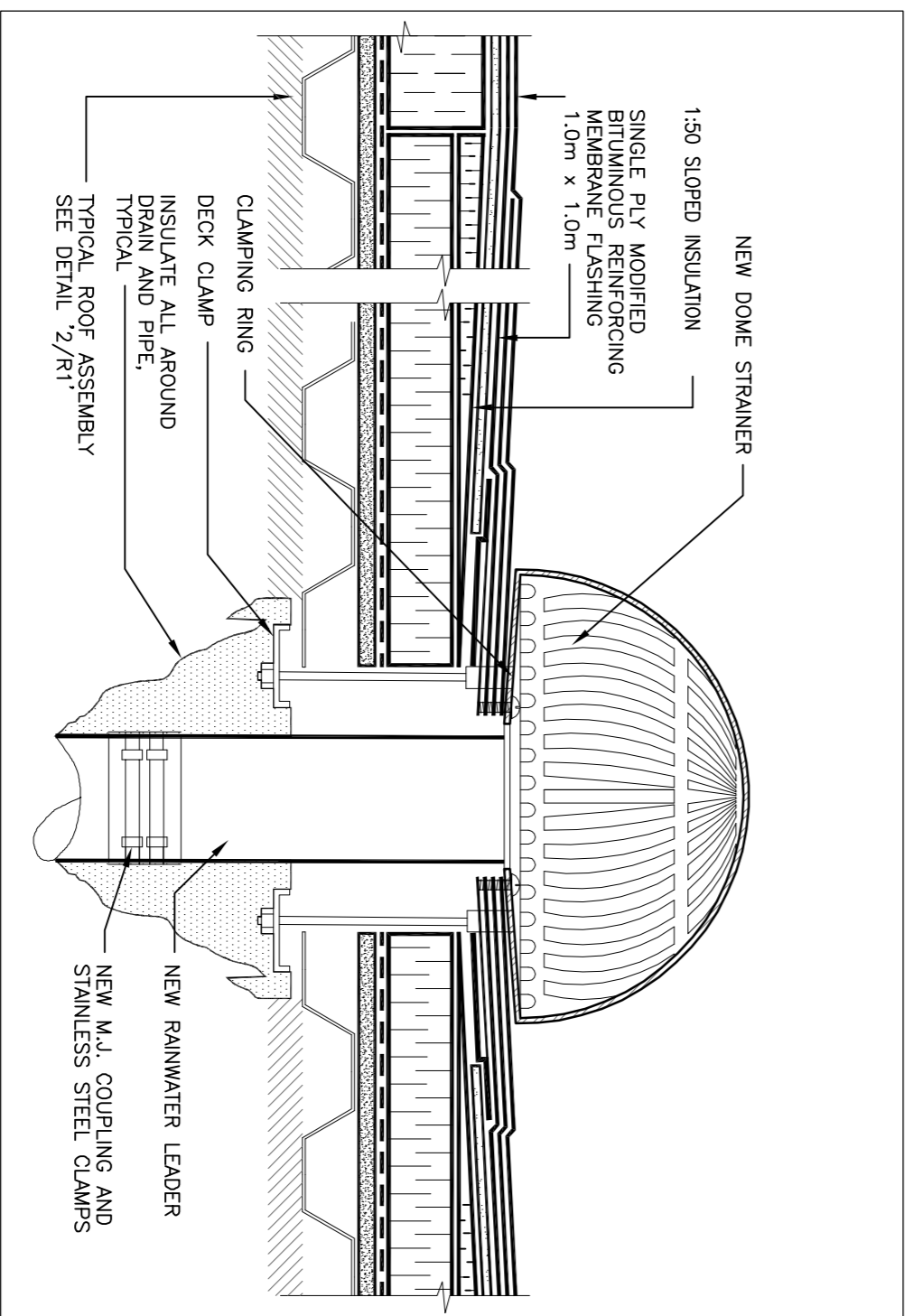
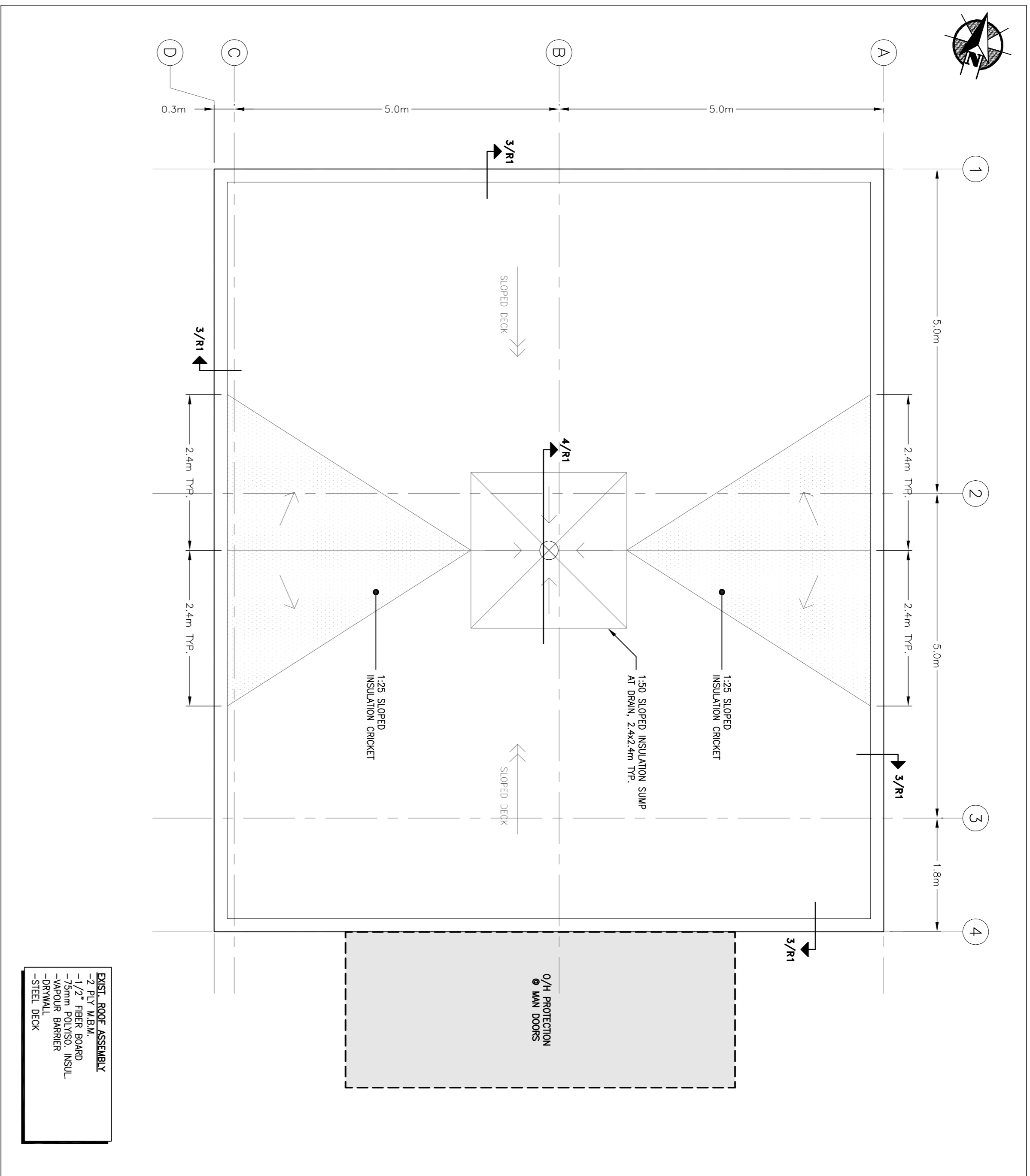
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J. CALLENDER		1 of/46	4

approved	approuvé	job no.	no. de projet

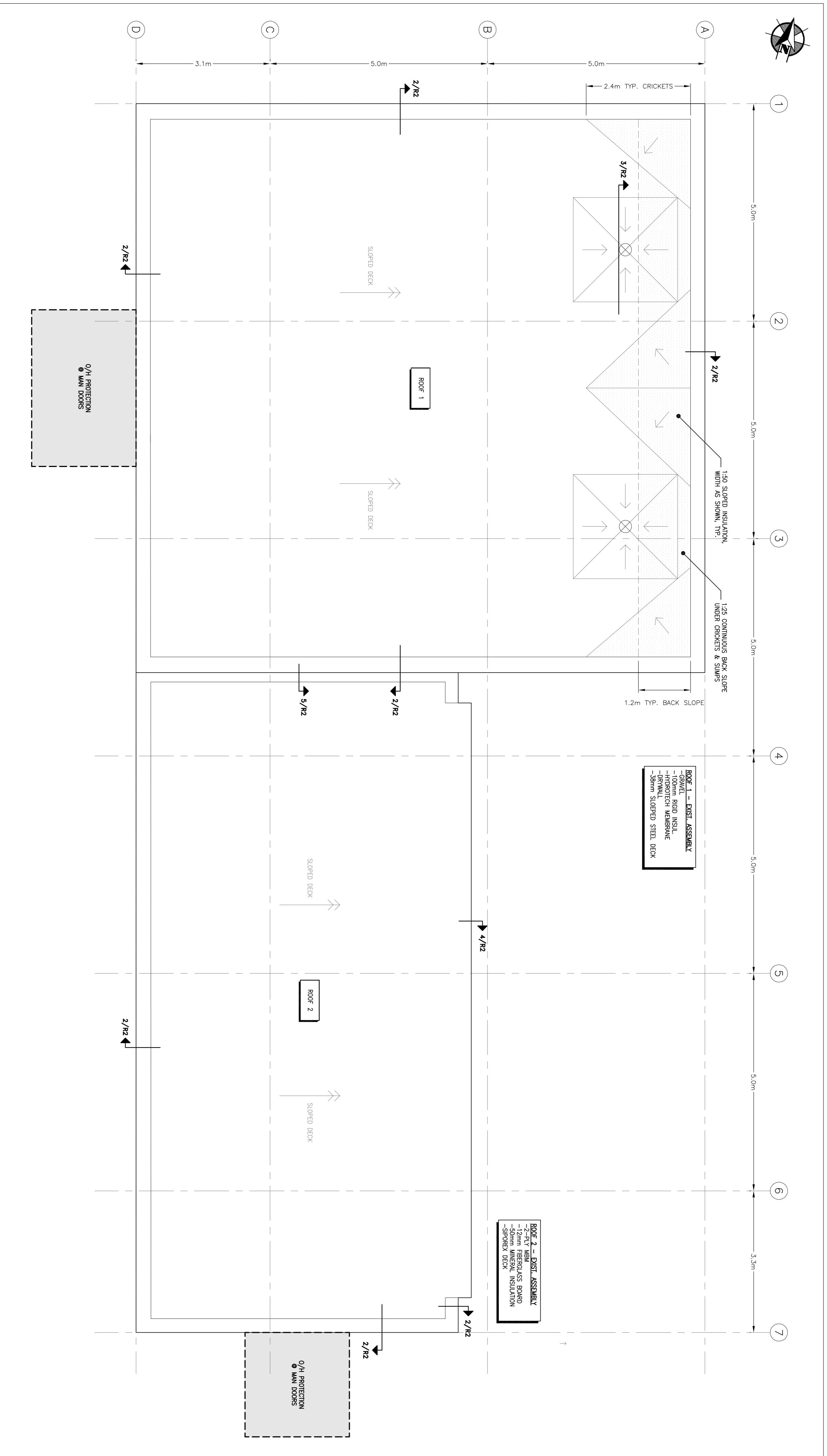
**NRC-CNRC**  
National Research Council of Canada  
Conseil national de recherches Canada  
Administrative Services Division des services administratifs  
Branch / Service de l'immobilier

**WSP**  
300-2611 QUEENSWAY DRIVE  
OTTAWA, ONTARIO CANADA K2B 8P2  
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dwg.no. **D-3940-R1**  
dessin no. **D-3940-R1**



<p>National Research Council Canada Administrative Services and Property Management Branch</p>		<p>Corseil national de recherches Canada Division des services administratifs et de l'immobilier</p>	
<p><b>M-2A ROOF PLAN AND DETAILS</b></p>			
<p>Project <b>NATIONAL RESEARCH COUNCIL CANADA</b> <b>BUILDING M-2A ROOF REPLACEMENT</b> <b>1200 MONTREAL ROAD OTTAWA, ONTARIO</b></p>	<p>Project <b>NATIONAL RESEARCH COUNCIL CANADA</b> <b>BUILDING M-2A ROOF REPLACEMENT</b> <b>1200 MONTREAL ROAD OTTAWA, ONTARIO</b></p>	<p>Project <b>NATIONAL RESEARCH COUNCIL CANADA</b> <b>BUILDING M-2A ROOF REPLACEMENT</b> <b>1200 MONTREAL ROAD OTTAWA, ONTARIO</b></p>	<p>Project <b>NATIONAL RESEARCH COUNCIL CANADA</b> <b>BUILDING M-2A ROOF REPLACEMENT</b> <b>1200 MONTREAL ROAD OTTAWA, ONTARIO</b></p>
<p>designated <b>M. PAULIN</b></p>	<p>conçu <b>2014/02/10</b></p>	<p>date <b>2014/02/10</b></p>	<p>dessin no. <b>AS SHOWN</b></p>
<p>drawn <b>J.C. / M.P.</b></p>	<p>dessiné <b>AS SHOWN</b></p>	<p>échelle <b>AS SHOWN</b></p>	<p>feuille <b>4</b></p>
<p>checked <b>J. CALLENDER</b></p>	<p>vérifié <b>2</b></p>	<p>sheet <b>4</b></p>	<p>no. de projet <b>4</b></p>
<p>approved <b>-</b></p>	<p>approuvé <b>-</b></p>	<p>no. de projet <b>-</b></p>	<p>no. de projet <b>-</b></p>
<p>dwg no. <b>D-3940-R1</b></p>	<p>dessin no. <b>D-3940-R1</b></p>	<p>dwg no. <b>D-3940-R1</b></p>	<p>dessin no. <b>D-3940-R1</b></p>
<p>1 2014/03/17 ISSUED FOR TENDER J.C.</p>			
<p>A 2014/03/03 ISSUED FOR REVIEW J.C.</p>			
<p>No. Date Revision By: For: Date Printed</p>			
<p>● Verify all dimensions and site conditions and be responsible for same</p>			
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**ROOF PLAN**  
SCALE 1 : 50

**ROOF 1 - DETAIL ASSEMBLY**  
 -2'-0" x 4'-0" MAN DOORS  
 -100mm RIGID INSUL.  
 -HYDROTECH MEMBRANE  
 -30mm SLOPED STEEL DECK

**ROOF 2 - DETAIL ASSEMBLY**  
 -2'-0" x 4'-0" MAN DOORS  
 -12mm FIBERGLASS BOARD  
 -50mm MINERAL INSULATION  
 -SLOPED STEEL DECK

**GENERAL NOTES:**

1. THE EXISTING SUBSTRATE OF ROOF #2 IS COMPRISED OF SIPOREX PANELS. THE CONTRACTOR SHALL HOST ONLY HALF PANELS ON BOARD STORAGE. ANY MECHANICAL, VIBRATING DEVICE/EQUIPMENT TO REMOVE INSULATION AND MEMBRANES.

**NRC - CNRC**

National Research Council national  
 Conseil national de recherches Canada

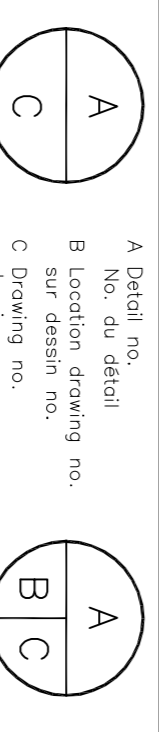
Administrative Services  
 Services administratifs  
 Branch  
 Division des services administratifs / Management de l'immobilier

**WSP**

300-2611 QUEENSWAY DRIVE  
 OTTAWA, ONTARIO CANADA K2B 8P2  
 TEL: (613) 924-8299  
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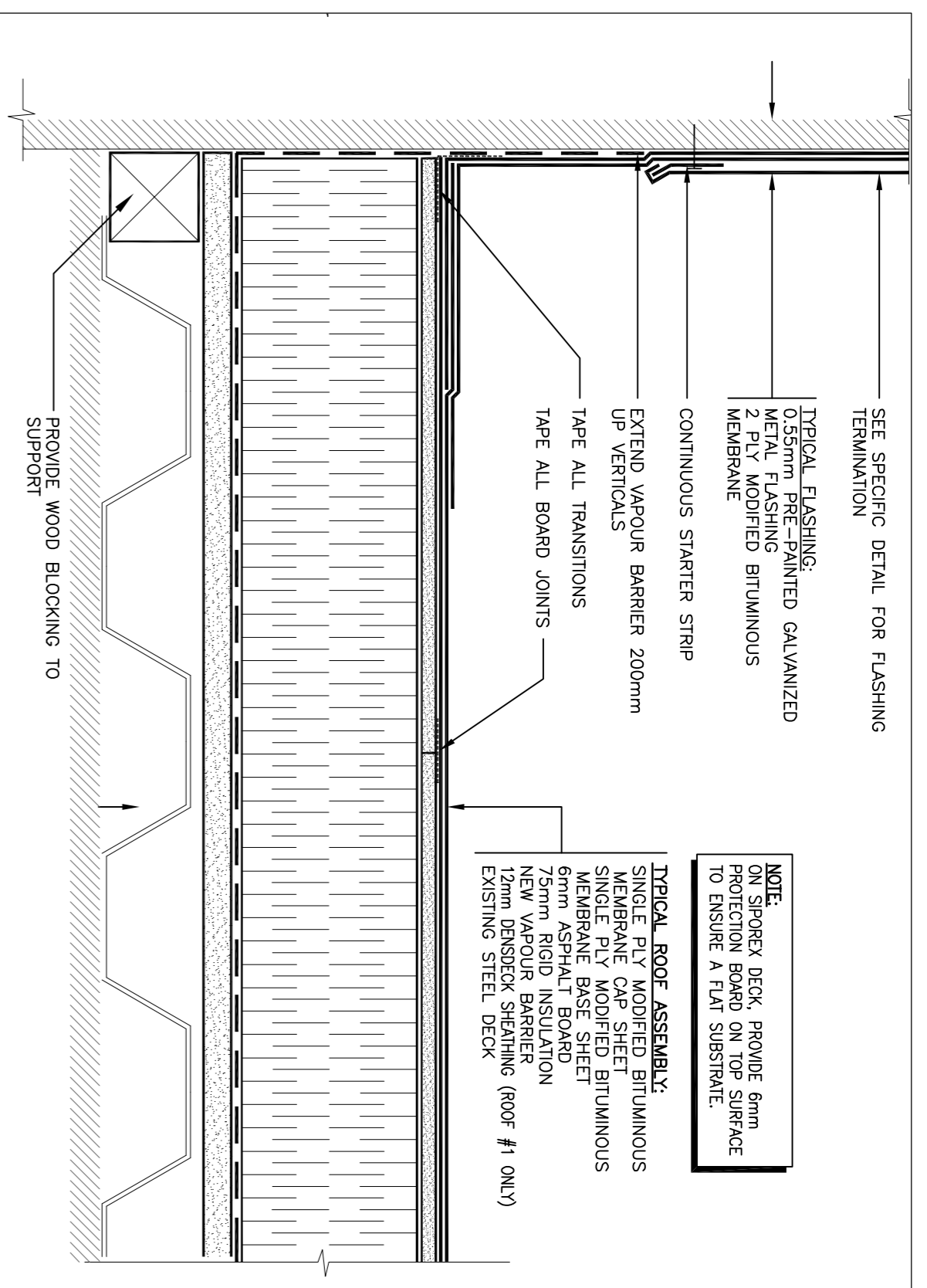


**NATIONAL RESEARCH COUNCIL  
 CANADA**  
**BUILDING M-15 ROOF REPLACEMENT**  
 1200 MONTREAL ROAD, OTTAWA, ONTARIO

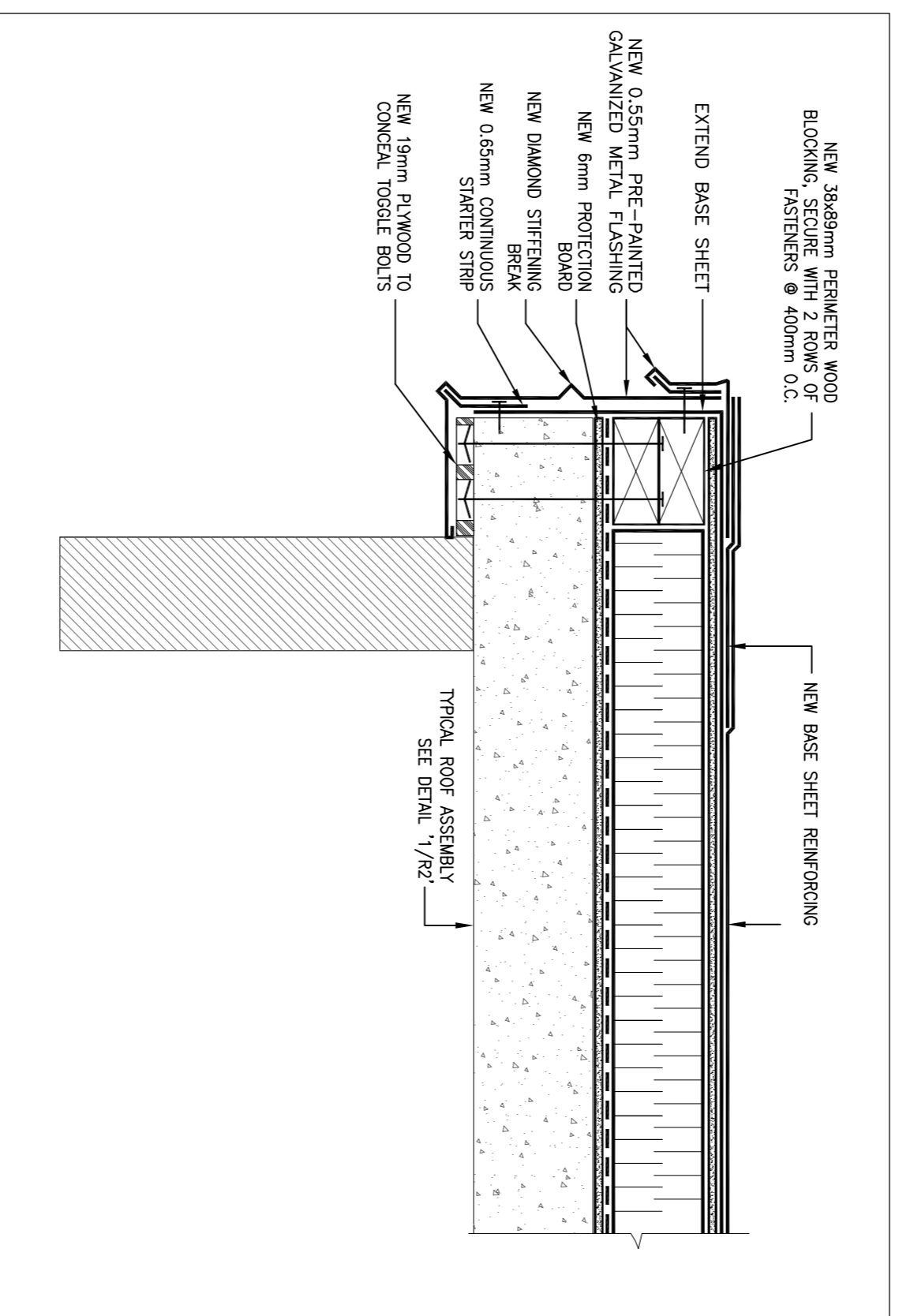
**M-15 ROOF PLAN**

designed	conçu	date	date
M. PAULIN	M. PAULIN	2014/02/10	
drawn	dessiné	scale	échelle
J. C. / M. P.	J. C. / M. P.	AS SHOWN	
checked	vérifié	sheet	feuille
J. CALLENDER	J. CALLENDER	3 of/48	4
approved	approuvé	date no.	no. de projet

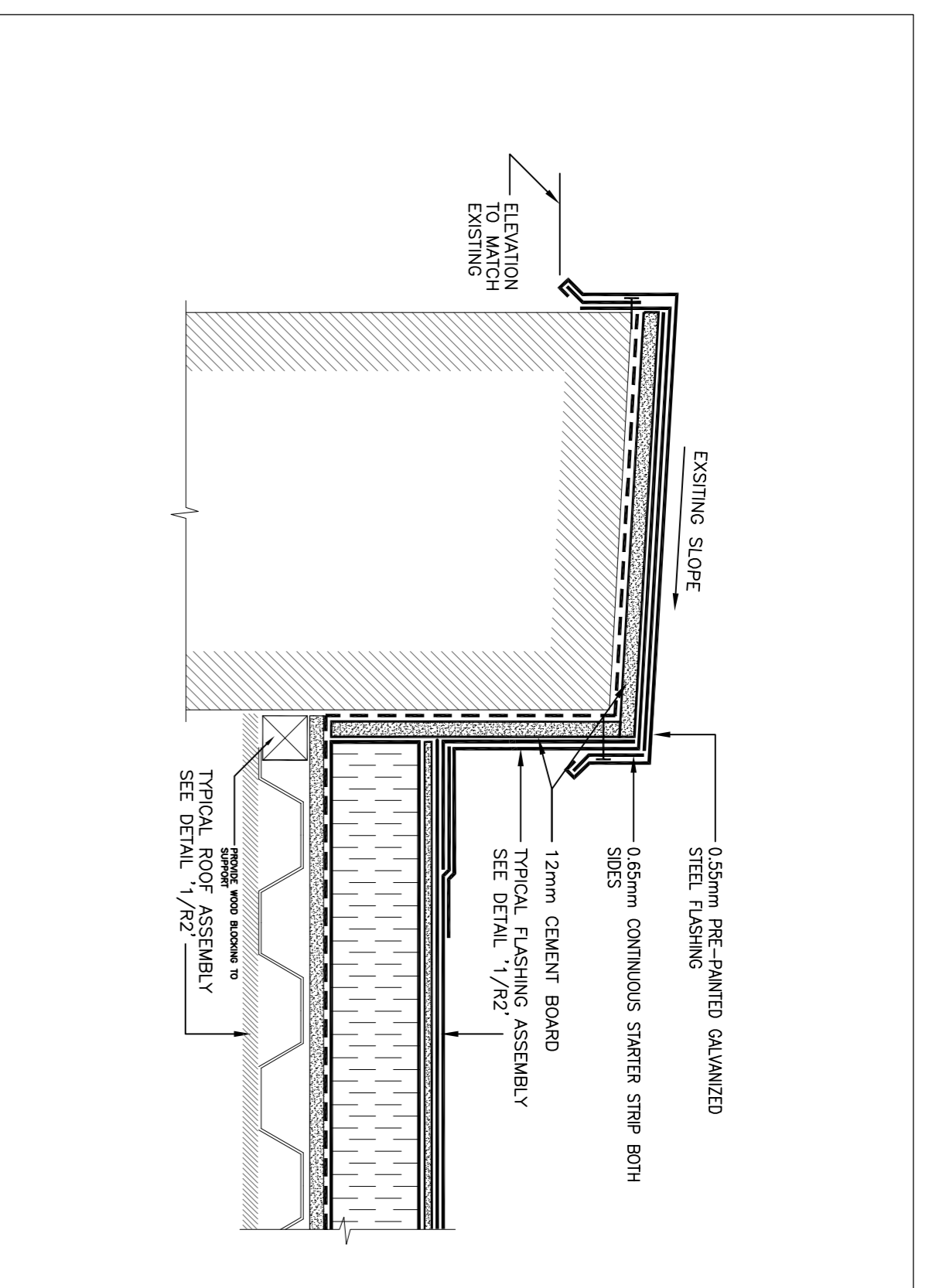
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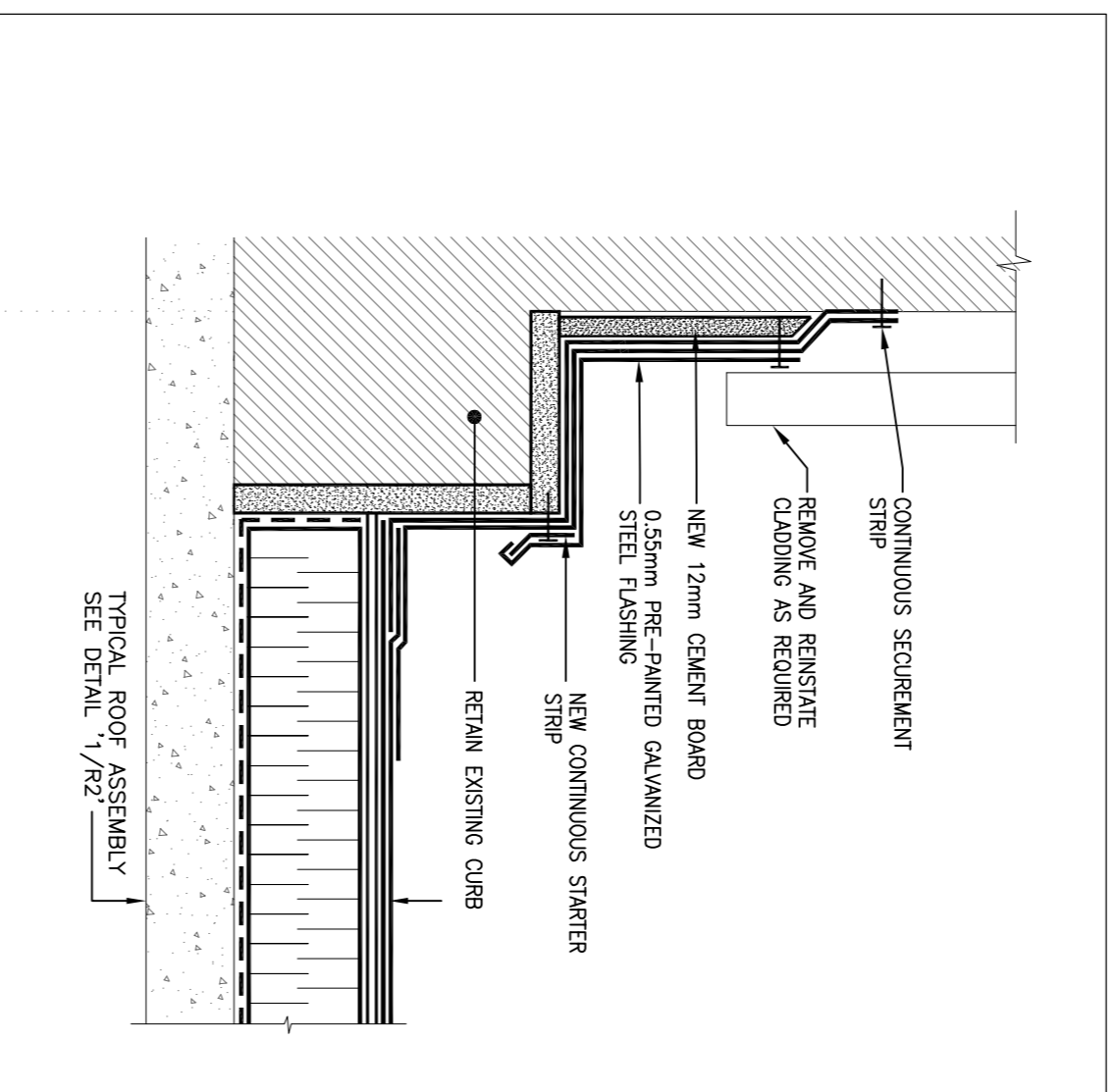
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N.T.S.



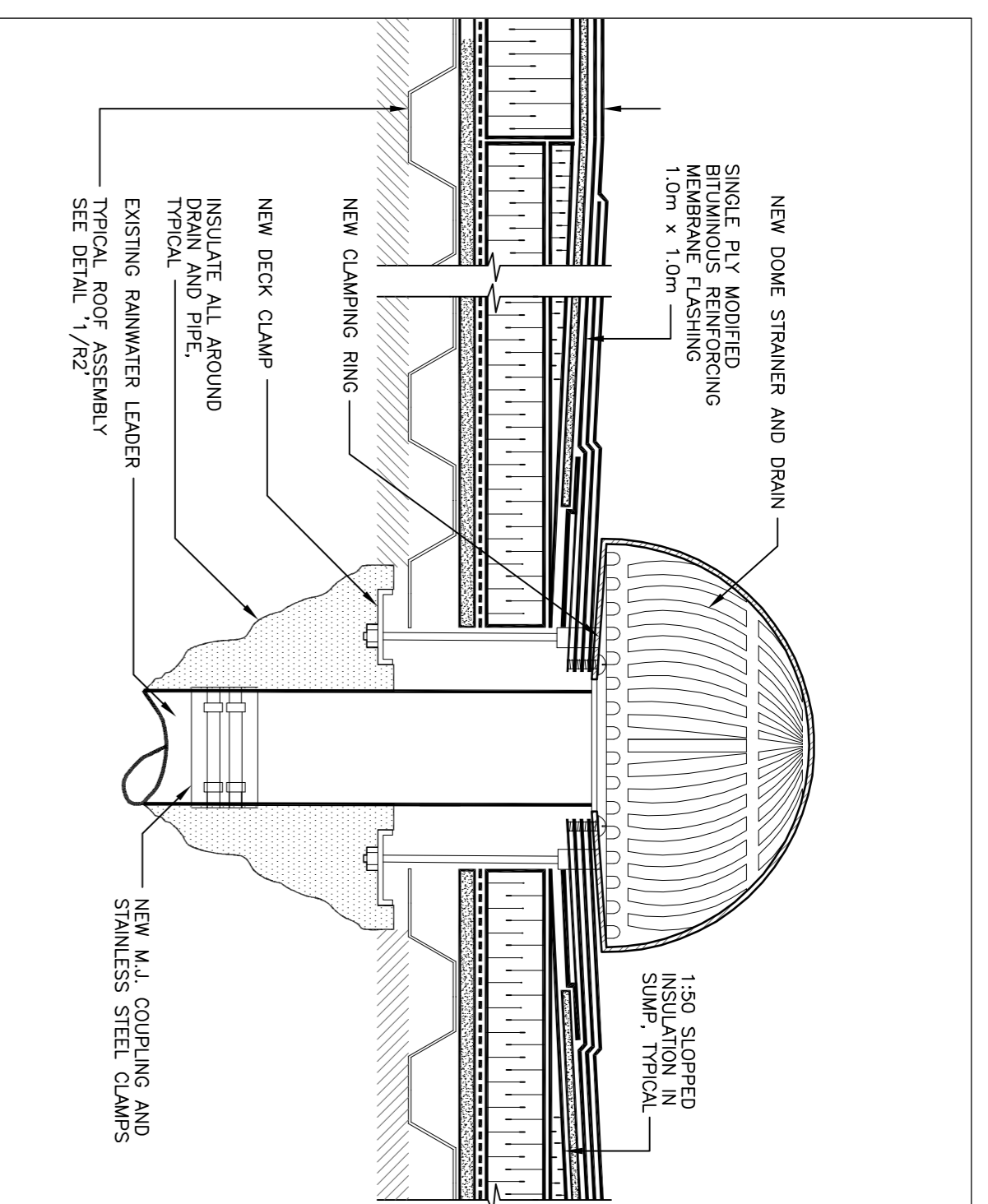
4 TYPICAL ROOF EDGE DETAIL  
N.T.S.



2 TYPICAL PARAPET DETAIL  
N.T.S.



5 TYPICAL WALL DETAIL  
N.T.S.



3 TYPICAL DRAIN DETAIL  
N.T.S.

**NRC-CNRC**  
National Research Council Canada  
Administrative Services  
and Property Management Branch

**WSP**  
WSP Consultants Inc.  
300-2611 QUEENSWAY DRIVE  
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TEL: (613) 928-8299  
FAX: (613) 928-8299

plan no. **D-3940-R2**

plan title **M-15 ROOFING DETAILS**

designated	contnu	date	date
<b>M. PAULIN</b>		<b>2014/02/10</b>	
drawn	dessiné	scale	échelle
<b>J.C. / M.P.</b>		<b>AS SHOWN</b>	
checked	vérifié	sheet	feuille
<b>J. CALLENDER</b>		<b>3 of/4e</b>	<b>4</b>
approved	approuvé	job no.	no. de projet

dwg.no. **D-3940-R2**

dessin no. **D-3940-R2**

Project: **NATIONAL RESEARCH COUNCIL CANADA BUILDING M-15 - ROOF REPLACEMENT 1200 MONTREAL ROAD, OTTAWA, ONTARIO**

Project: **NATIONAL RESEARCH COUNCIL CANADA BUILDING M-15 - ROOF REPLACEMENT 1200 MONTREAL ROAD, OTTAWA, ONTARIO**

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