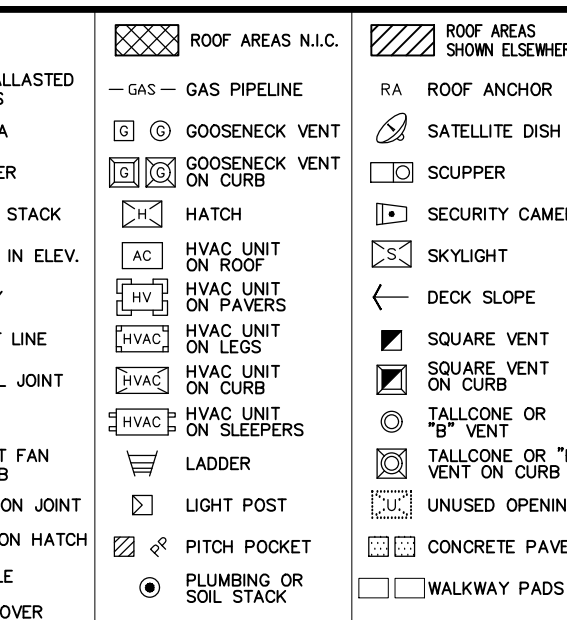
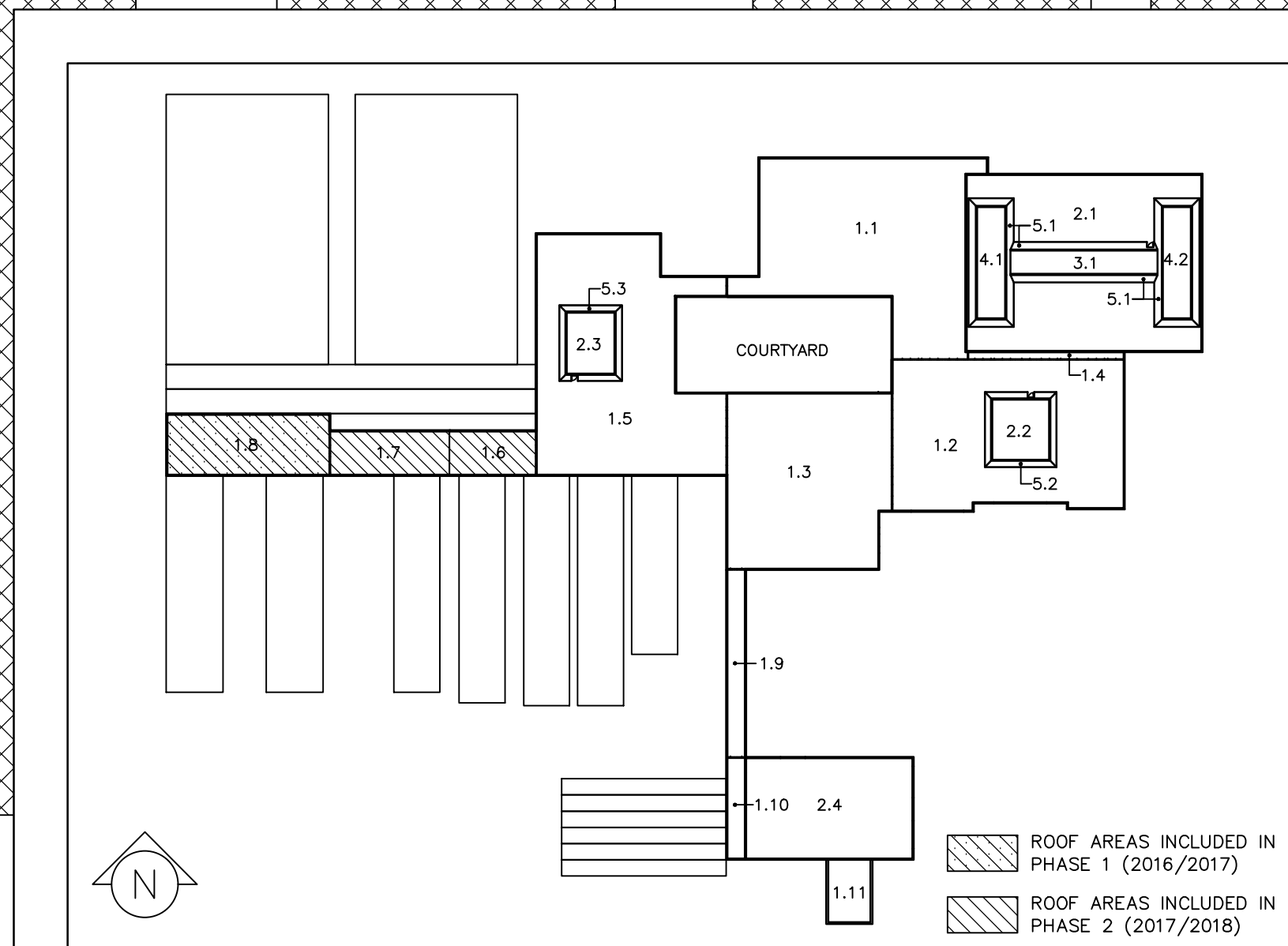
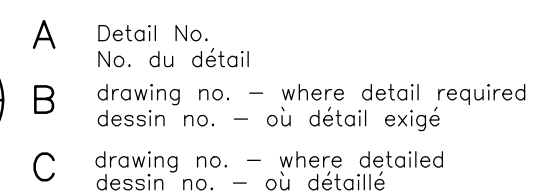


SLOPED METAL DECK
13 (0.5") GYPSUM BOARD
1 PLY KRAFT VAPOUR RETARDER
76 (3.0") POLYISOCYANURATE INSULATION
13 (0.5") FIBERBOARD INSULATION
4 PLY B.U.R. MEMBRANE
PEA GRADE GRAVEL

EXISTING SLOPED METAL DECK
13 (0.5") GYPSUM ROOF BOARD
1 PLY MODIFIED BITUMEN VAPOUR RETARDER
51 (2") POLYISOCYANURATE INSULATION
(RSI=1.97, R-VALUE=11.2)
51 (2") POLYISOCYANURATE INSULATION
(RSI=1.97, R-VALUE=11.2)
13 (0.5") GYPSUM ROOF BOARD
2 PLY MODIFIED BITUMEN MEMBRANE



Do not scale drawings.
Verify all dimensions and conditions on site and immediately
notify the Departmental Representative of all discrepancies.



ROOF REPLACEMENT

drawing title
titre du dessin
PARTIAL ROOF PLAN 1

drawn by
dessine par

designed by
conc par

approved by
approuvé par

bid	project manager
offre	administrateur de projet
M.B.	

project date	
date du projet	2016-04-04

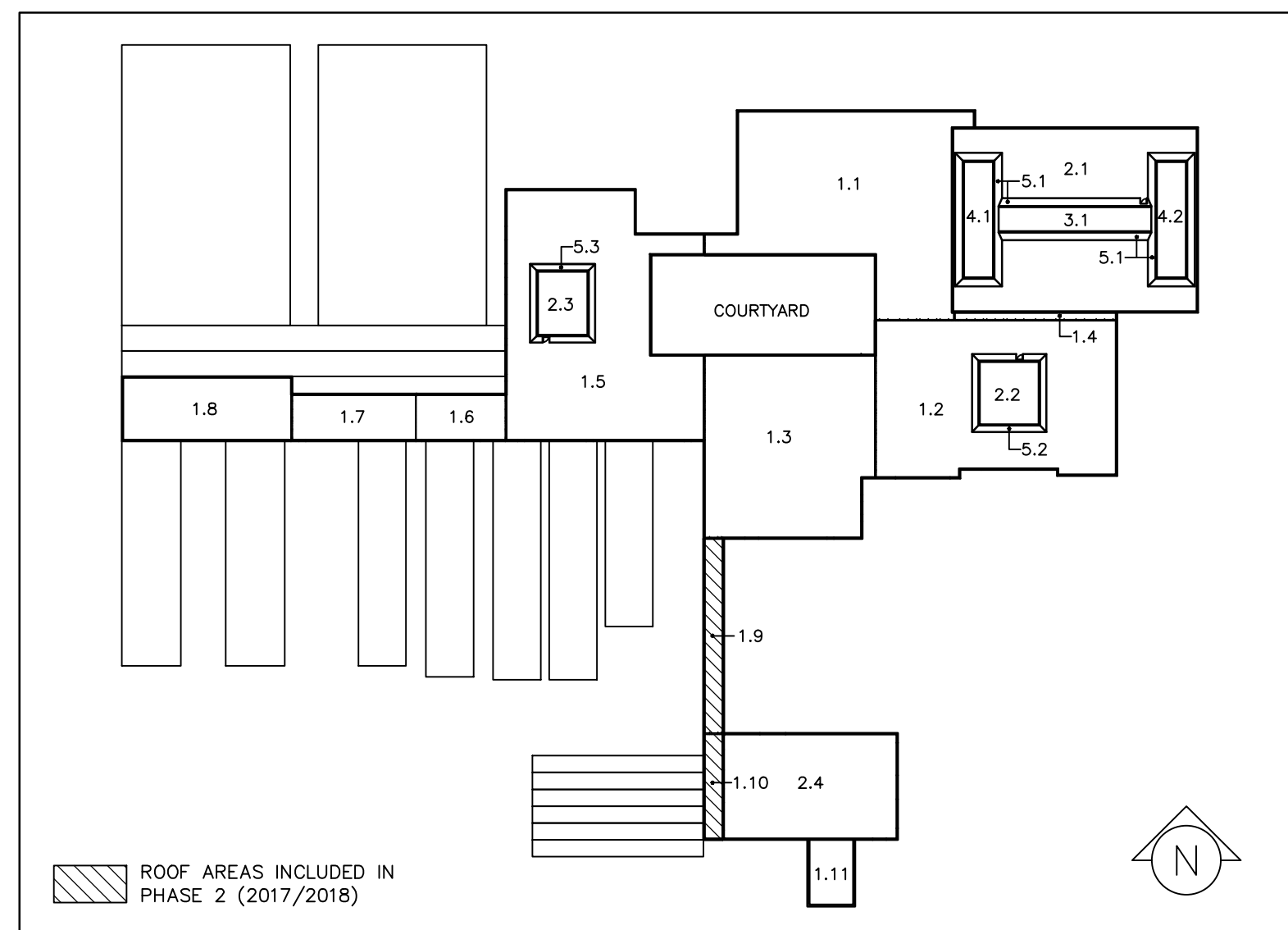
project no.	PWGSC # R 076726 00
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R.076726.001

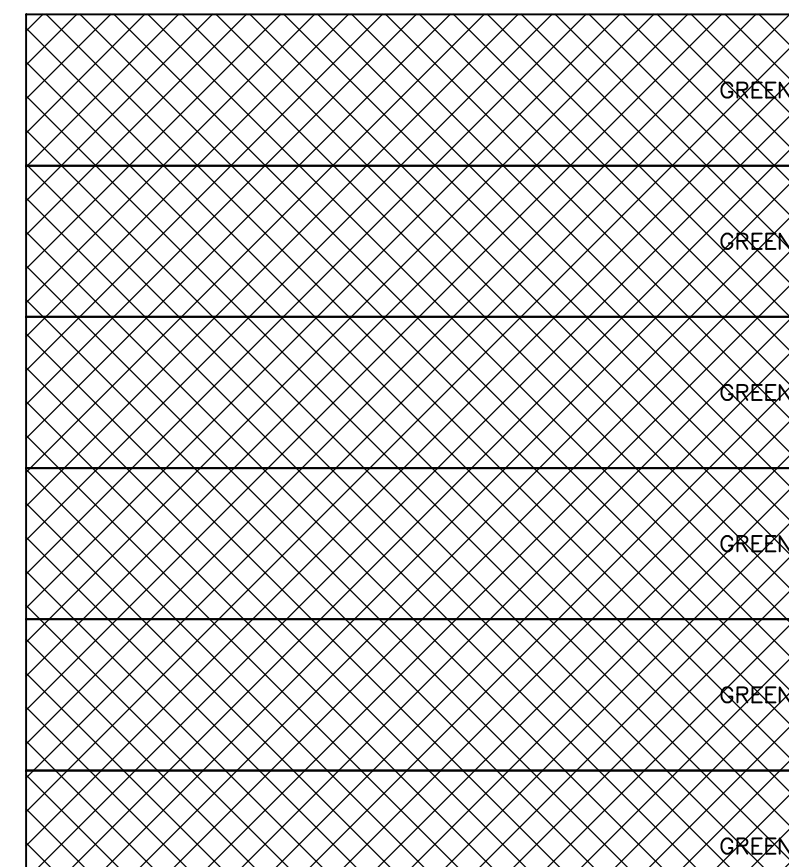
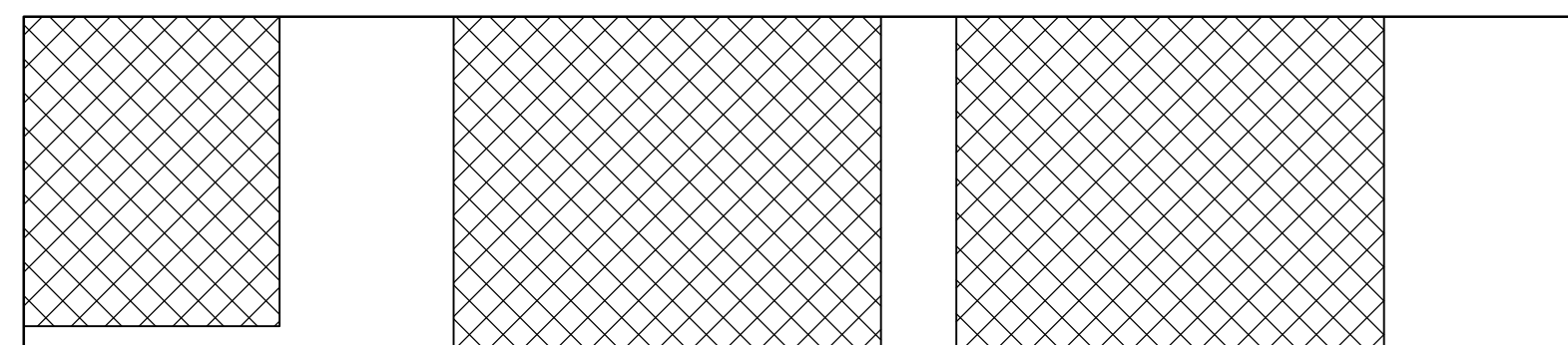
drawing no.
dessine no.







2 KEYPLAN
A3 SCALE: N.T.S.

**EXISTING ROOF COMPOSITION:****ROOF AREAS 1.9 & 1.10**

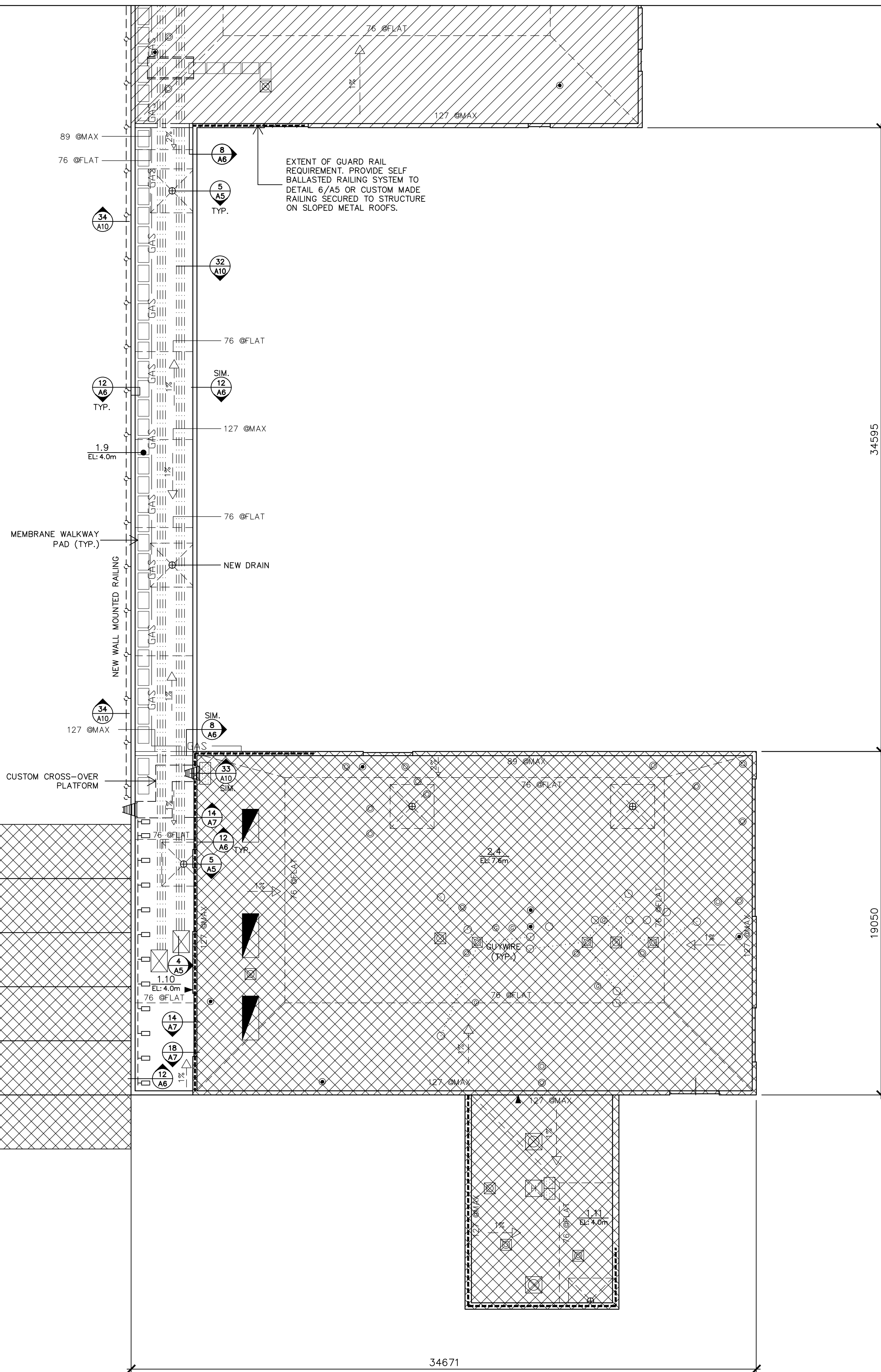
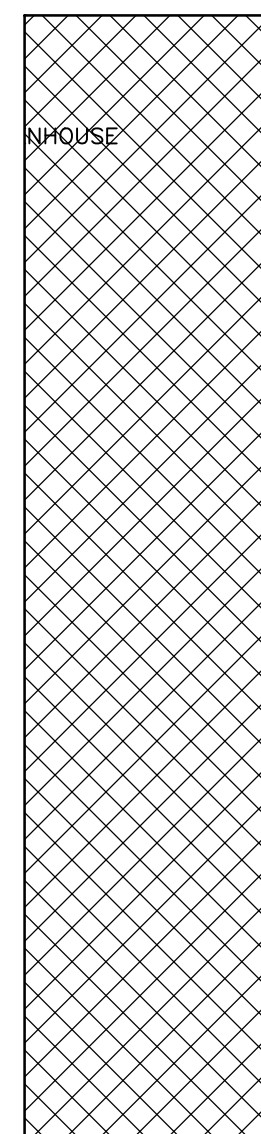
METAL DECK
1 PLY KRAFT VAPOUR RETARDER
38 (1.5") PHENOLIC INSULATION
38 (1.5") PHENOLIC INSULATION
13 (0.5") FIBERBOARD INSULATION
4 PLY B.U.R. MEMBRANE
PEA GRADE GRAVEL

ROOF AREA 1.11 & 2.4

(NO CORE CUT TAKEN)
METAL DECK
4 PLY B.U.R. MEMBRANE
PEA GRADE GRAVEL

NEW ROOF COMPOSITIONS:**ROOF AREAS 1.9, 1.10, 1.11, & 2.4**

EXISTING METAL DECK
13 (0.5") GYPSUM ROOF BOARD
1 PLY MODIFIED BITUMEN VAPOUR RETARDER
51 (2") POLYISOCYANURATE INSULATION
(RSI=1.97, R-VALUE=11.2)
TAPERED POLYISOCYANURATE INSULATION, MIN. 25 (1")
(MIN. RSI=0.985, R-VALUE=5.6)
13 (0.5") GYPSUM ROOF BOARD
2 PLY MODIFIED BITUMEN MEMBRANE

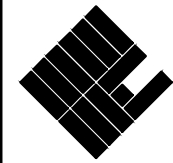


1 PARTIAL ROOF PLAN
A4 SCALE: 1:150



Public Works and
Government Services Canada
Architectural and Engineering Services
Ontario Region

Travaux publics et
Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario



MMC ARCHITECTS

Brantford Studio K-W Studio
127 Brant Ave., Brantford, 564 Weber St. N., Suite 1, Waterloo,
ON N3T 3H5 ON N2L 5C8
519.756.6331 1.877.789.6662 519.575.2227 1.877.789.6662
www.mmc.on.ca



IRC BUILDING SCIENCES GROUP

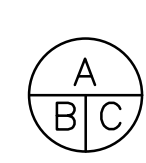
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LEGEND

STAMP

04		
03		
02	ISSUED FOR ADDENDUM No.1	2016-06-21
01	ISSUED FOR TENDER	2016-06-17
revision		date

Do not scale drawings.
Verify all dimensions and conditions on site and immediately
notify the Departmental Representative of all discrepancies.



A Detail No.
No. du détail
B drawing no. - where detail required
dessin no. - où détail exigé
C drawing no. - where detailed
dessin no. - où détaillé

project title
titre du projet
HARROW Ontario
AGRICULTURE & AGRI-FOODS CANADA
2585 COUNTY ROAD 20

ROOF REPLACEMENT

drawing title
titre du dessin
PARTIAL ROOF PLAN 4

drawn by
dessiné par
IRC GROUP: B.M.W.

designed by
conçue par
IRC GROUP: A.J.D.

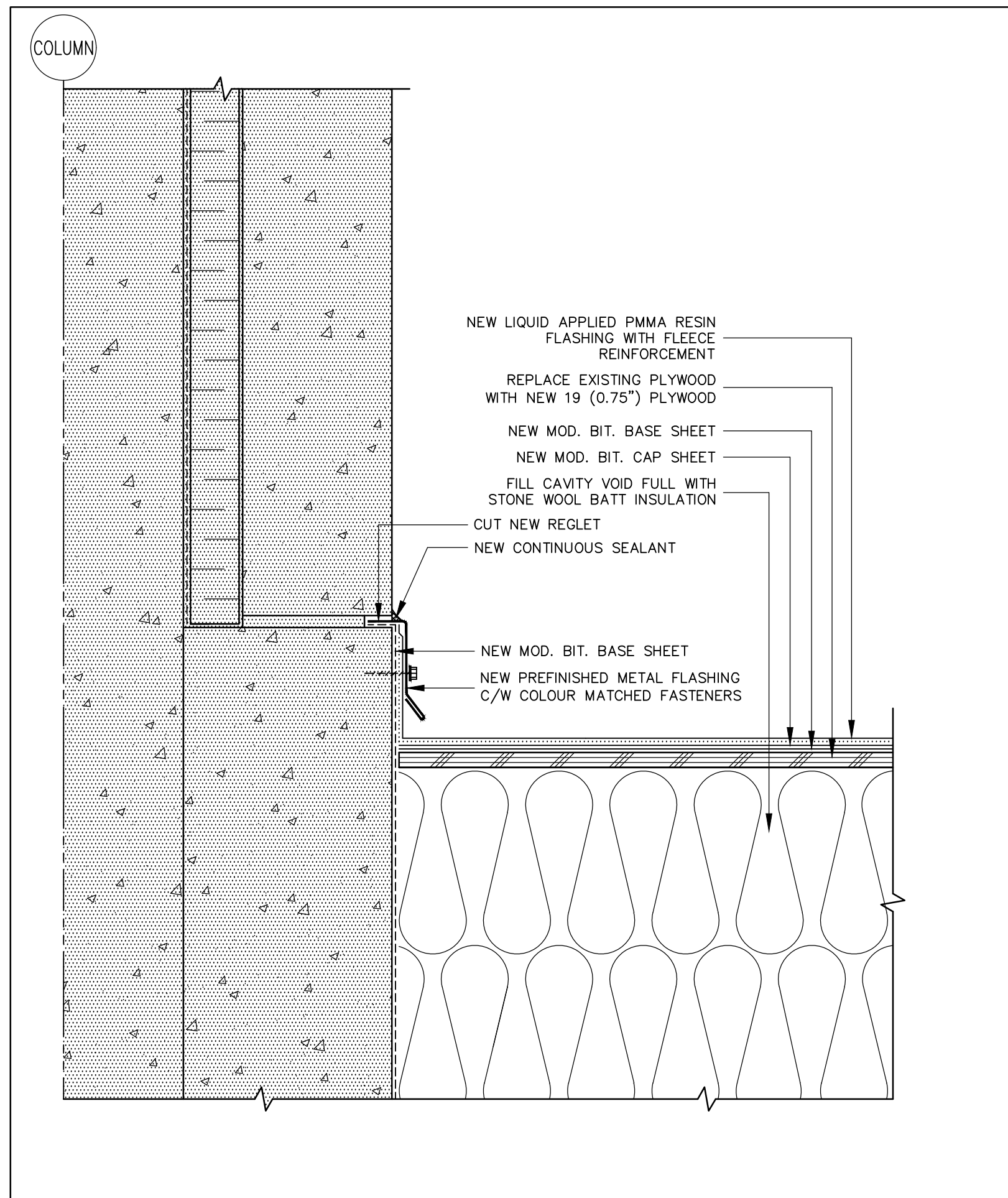
approved by
approuvé par
IRC GROUP: T.K.C.

bid
offre
M.B. project manager
administrateur de projets

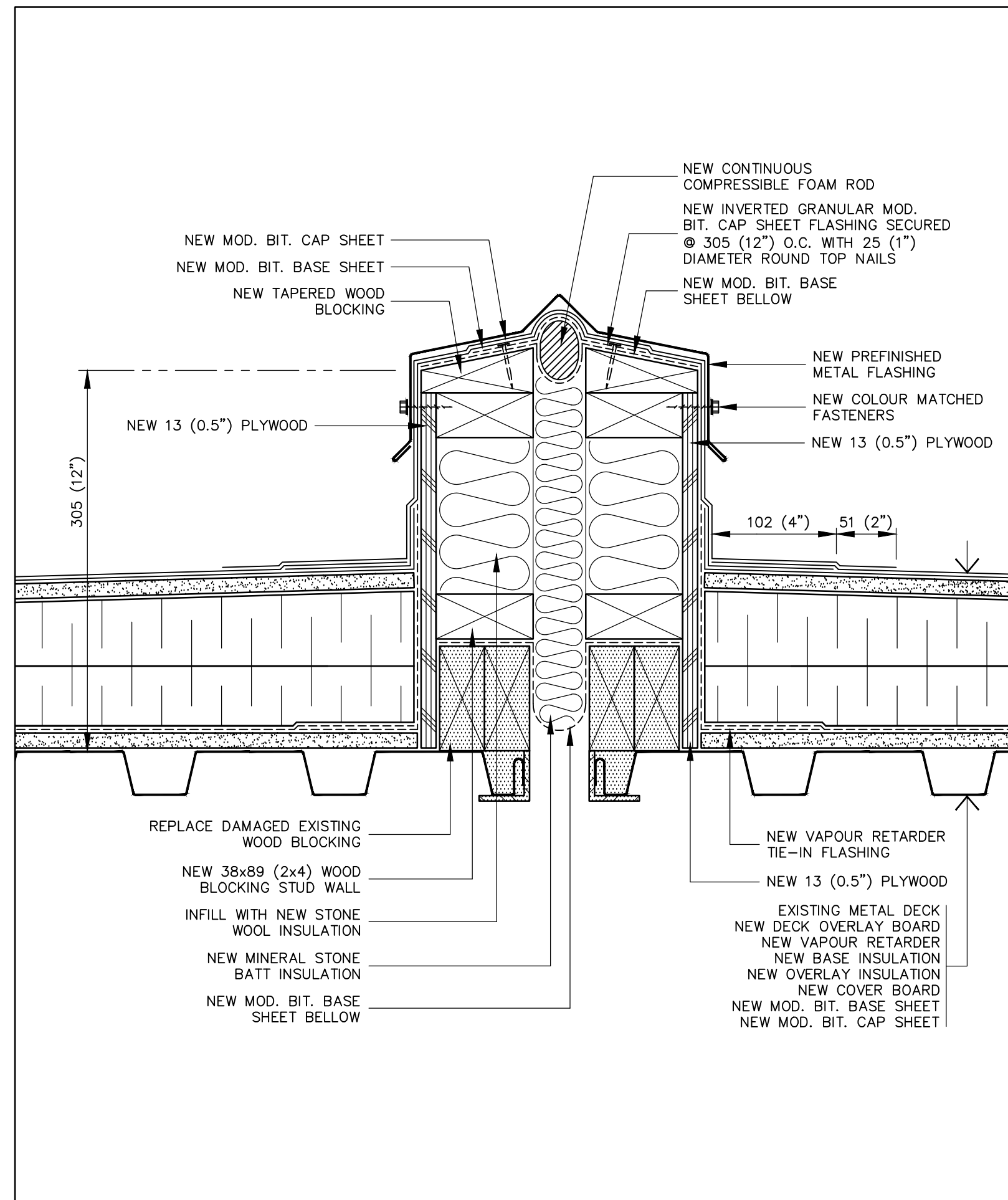
project date
date du projet
2016-04-04

project no.
no. du projet
R.076726.001 PWGSC #: R.076726.001

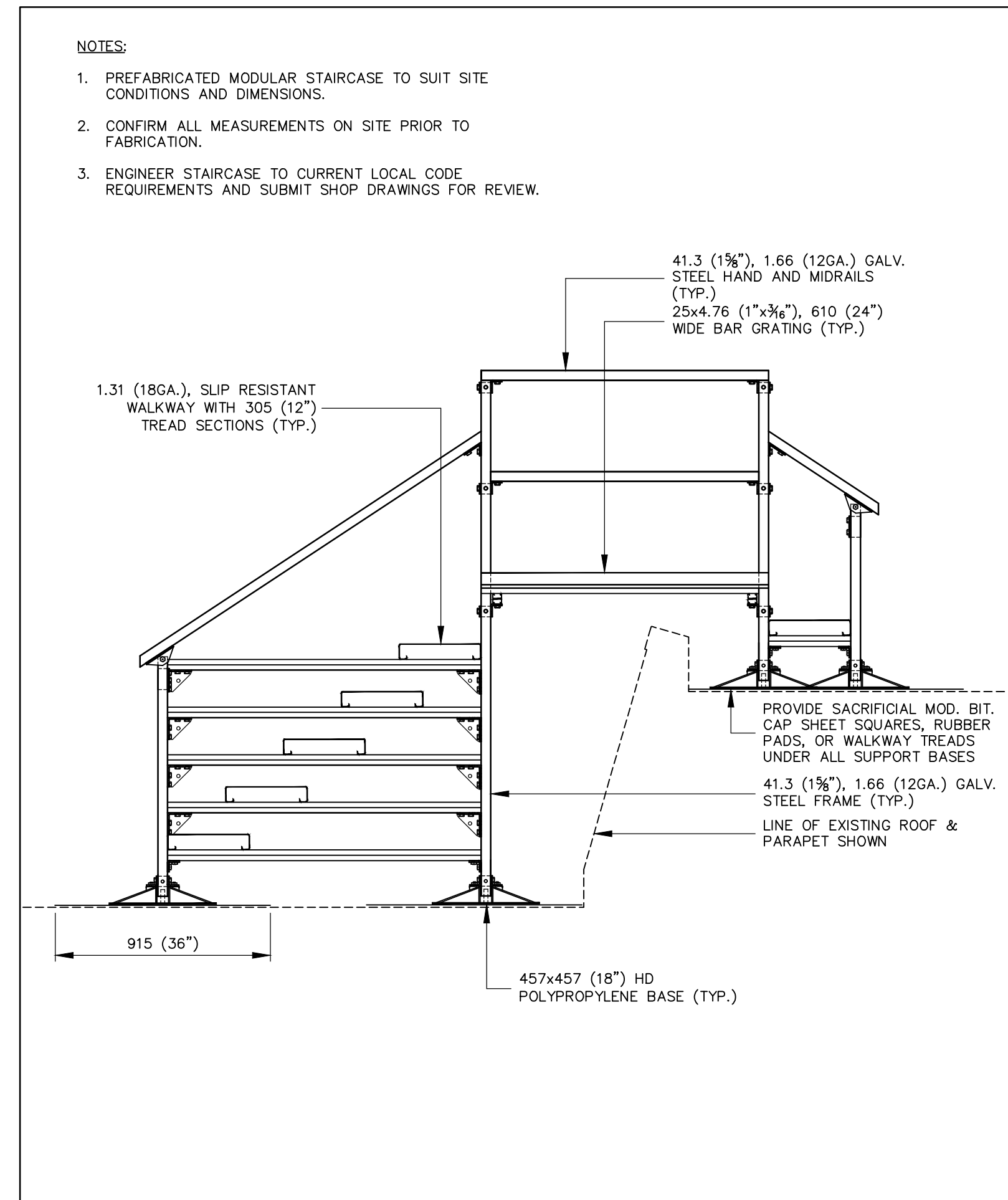
drawing no.
dessiné no.
A4



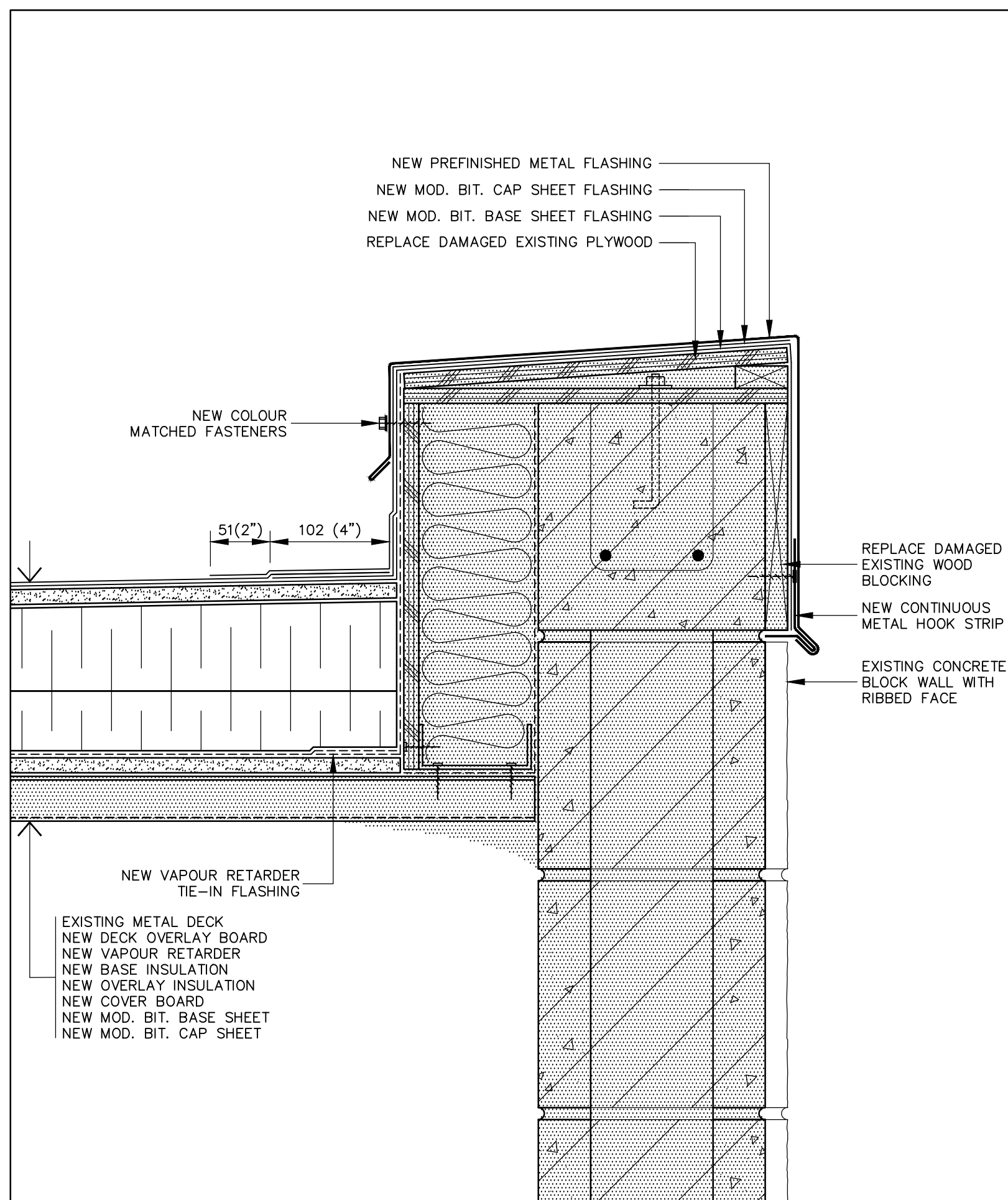
36 REGLET FLASHING DETAIL
A11 SCALE : 1:4



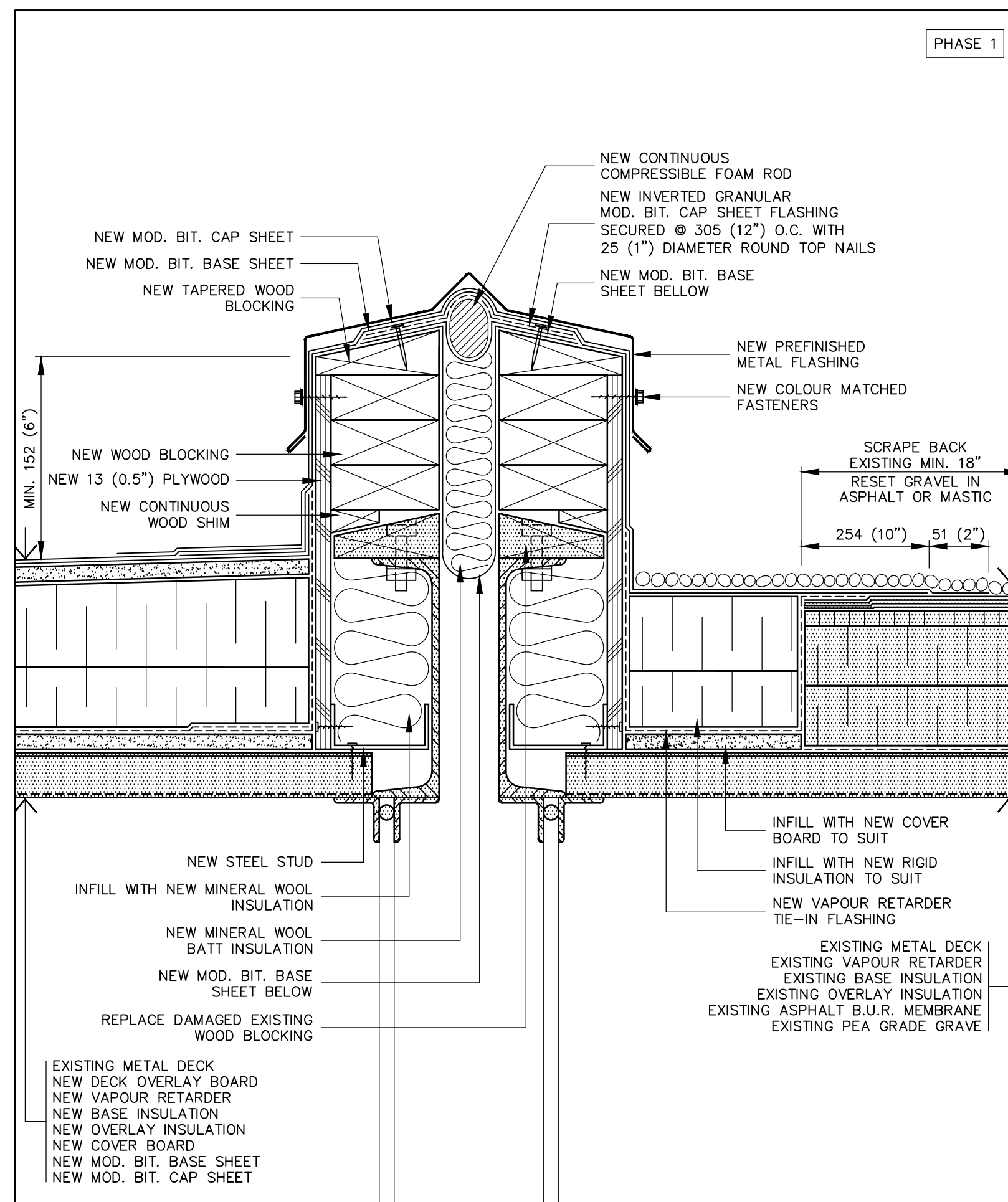
37 EXPANSION JOINT FLASHING DETAIL
A11 SCALE : 1:4



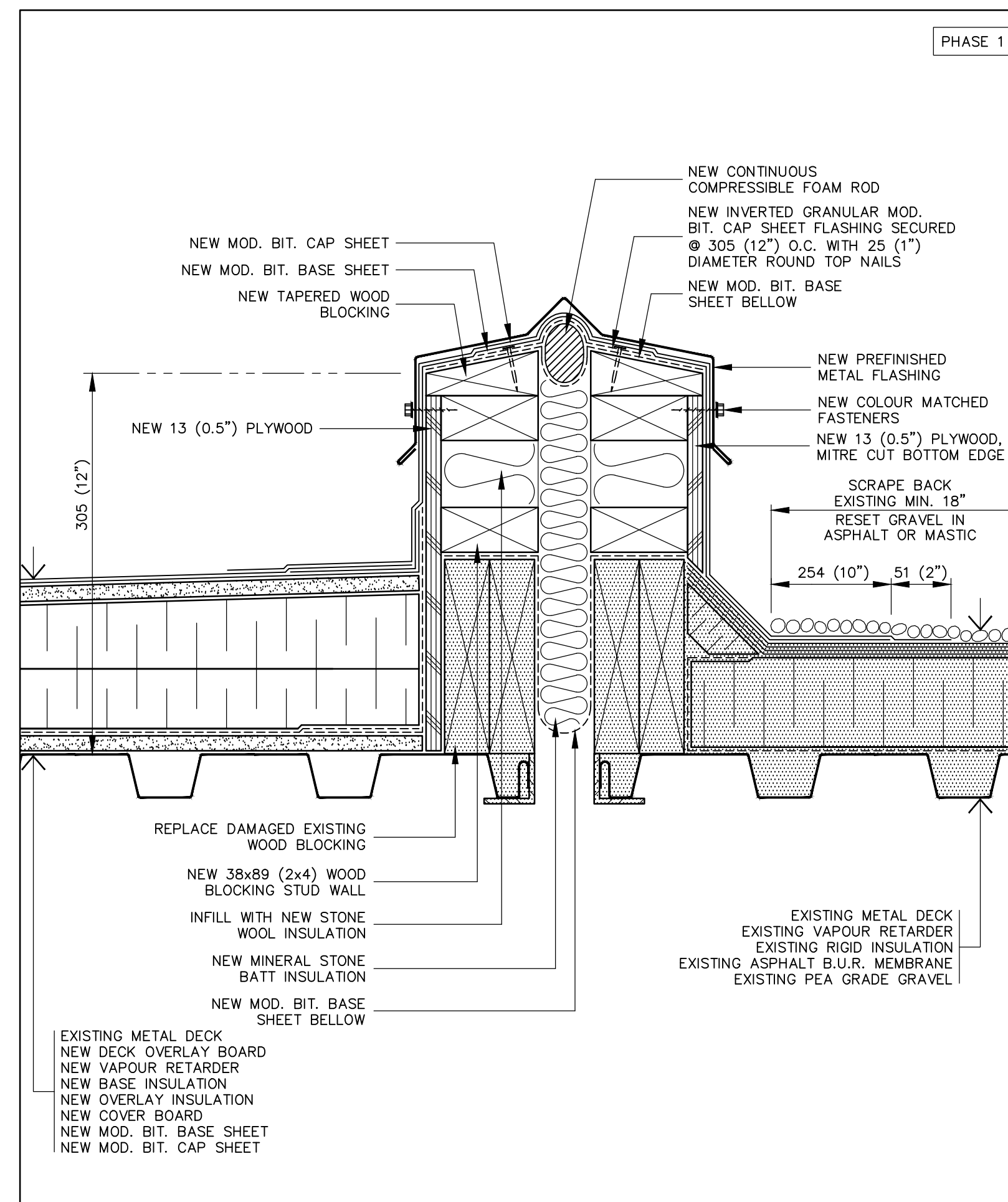
38 CROSS-OVER STAIRS
A11 SCALE : 1:20



39 PARAPET FLASHING DETAIL
A11 SCALE : 1:4



40 EXPANSION JOINT FLASHING DETAIL: NEW TO EXISTING
A11 SCALE : 1:4



41 EXPANSION JOINT FLASHING DETAIL: NEW TO EXISTING
A11 SCALE : 1:4

STAMP		
04		
03		
02	ISSUED FOR ADDENDUM No.1	2016-06-21
01	ISSUED FOR TENDER	2016-06-17
revision		date
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A	Detail No. No. du détail
B	drawing no. - where detail required dessin no. - où détail exigé
C	drawing no. - where detailed dessin no. - où détaillé

project title
titre du projet
HARROW Ontario
AGRICULTURE & AGRI-FOODS CANADA
2585 COUNTY ROAD 20

ROOF REPLACEMENT

drawing title
titre du dessin
ROOFING DETAILS 7

drawn by
dessiné par
IRC GROUP: B.M.W.

designed by
conc par
IRC GROUP: A.J.D.

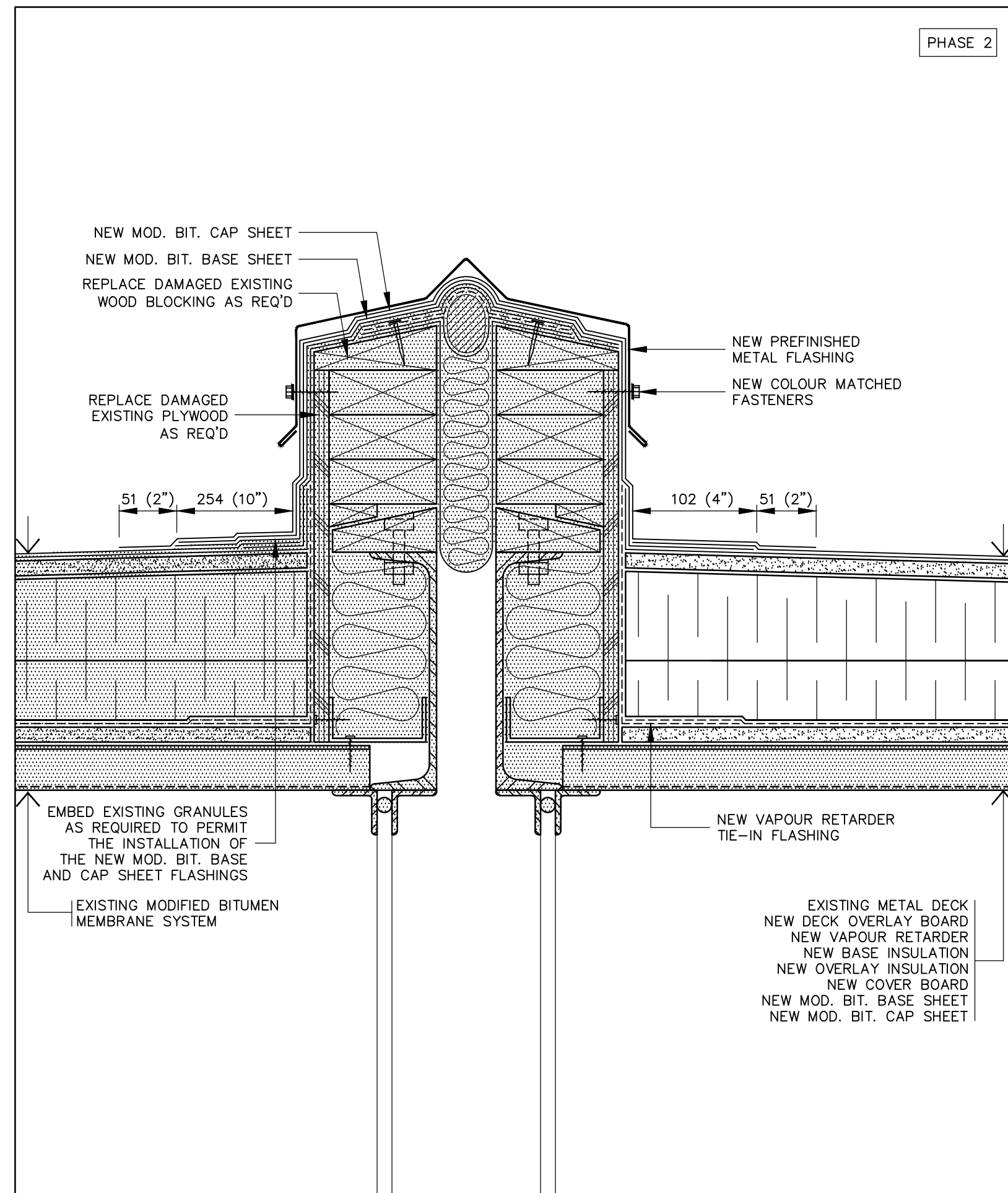
approved by
approuvé par
IRC GROUP: T.K.C.

bid
offre
M.B. project manager
administrateur
de projets

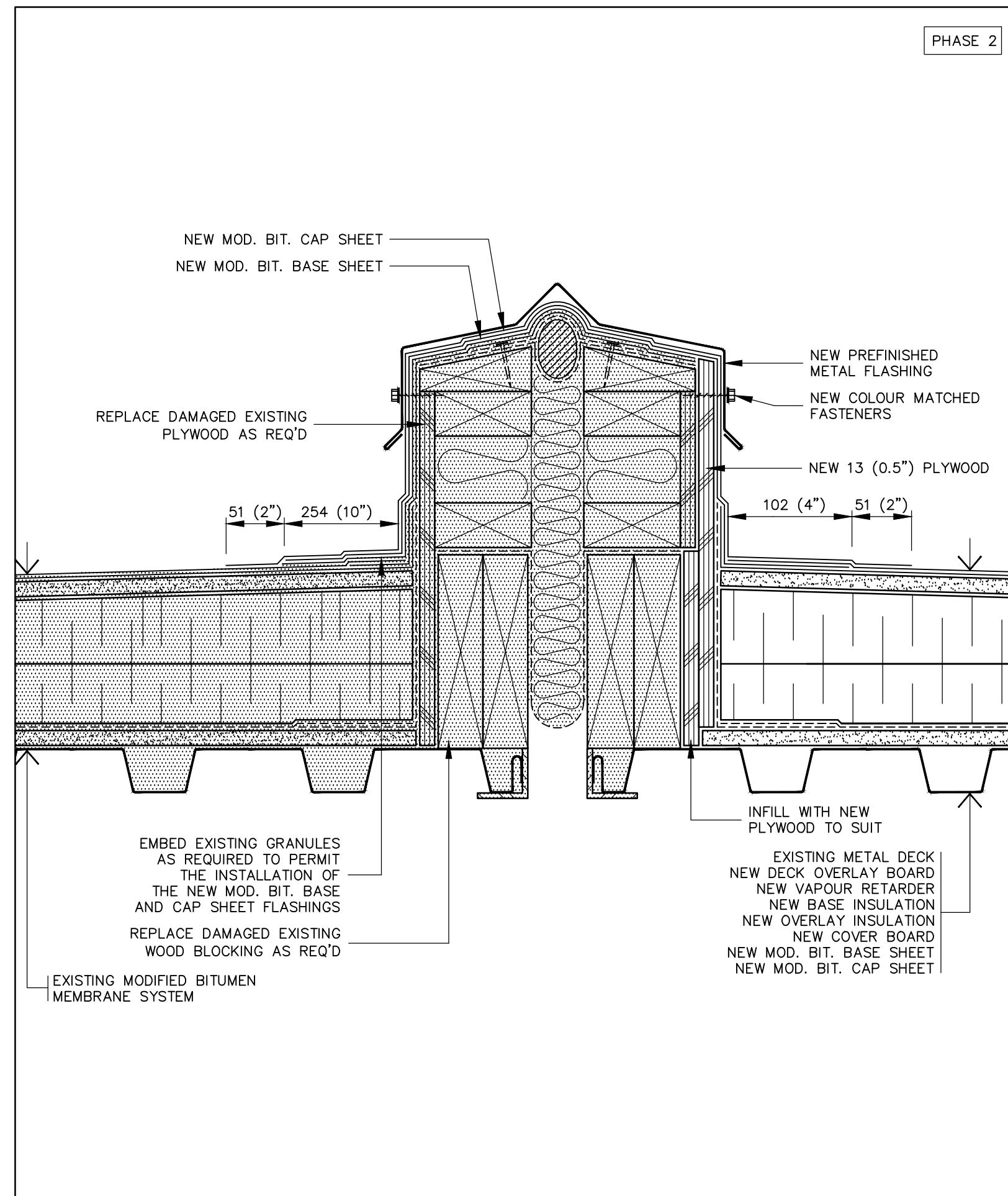
project date
date du projet
2016-04-04

project no.
no. du projet
R.076726.001 PWGSC #: R.076726.001

drawing no.
dessiné no.
A11

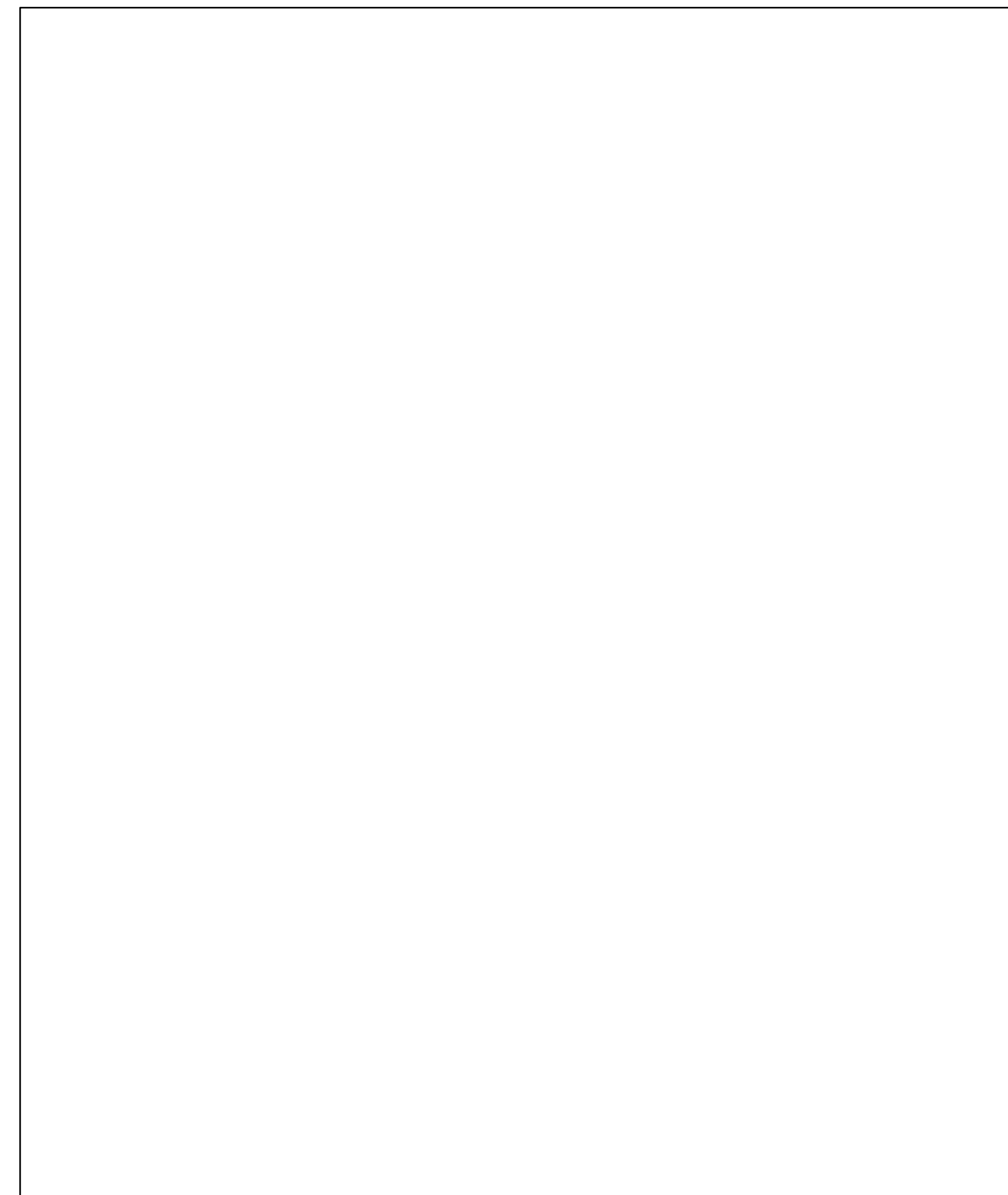
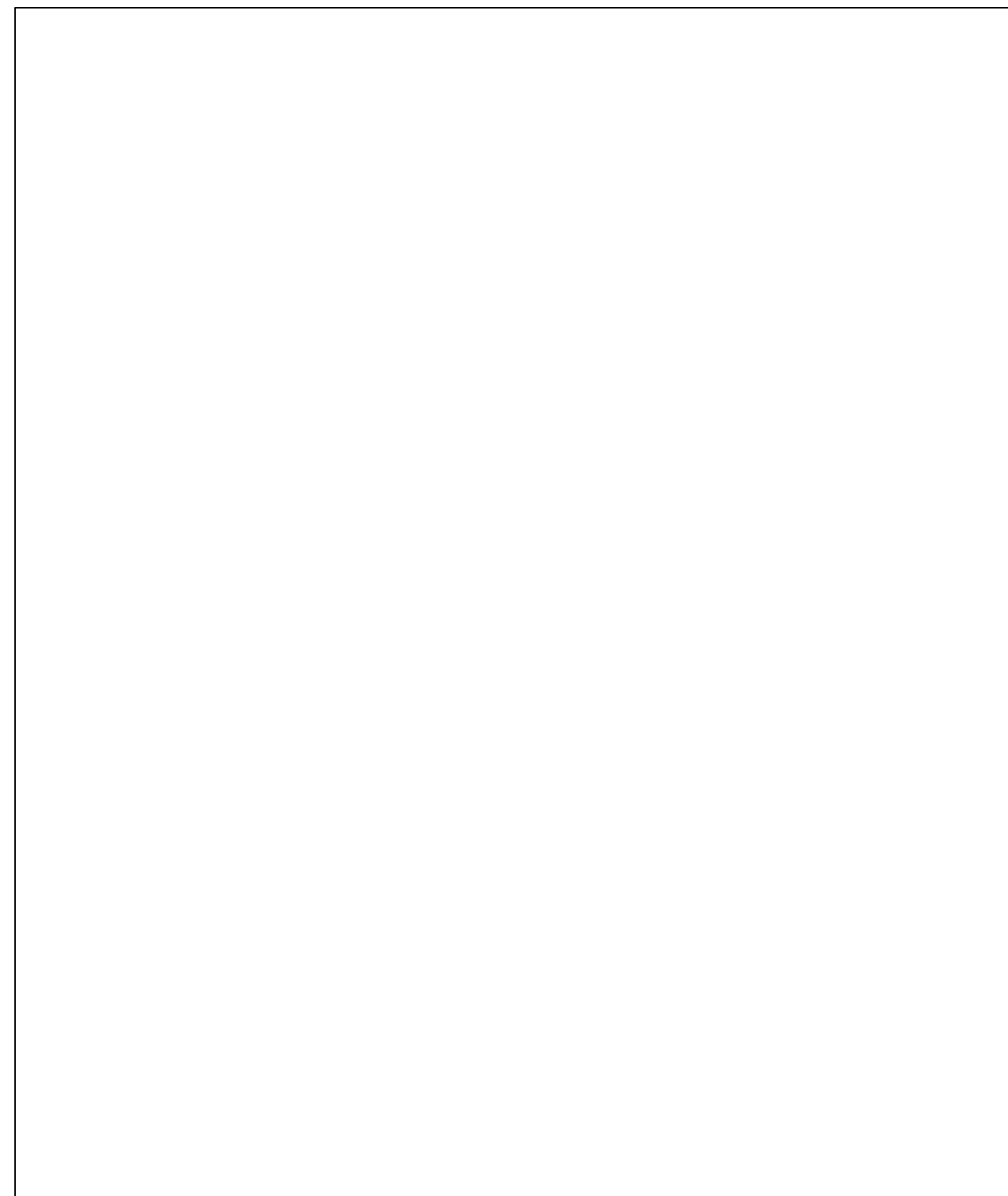
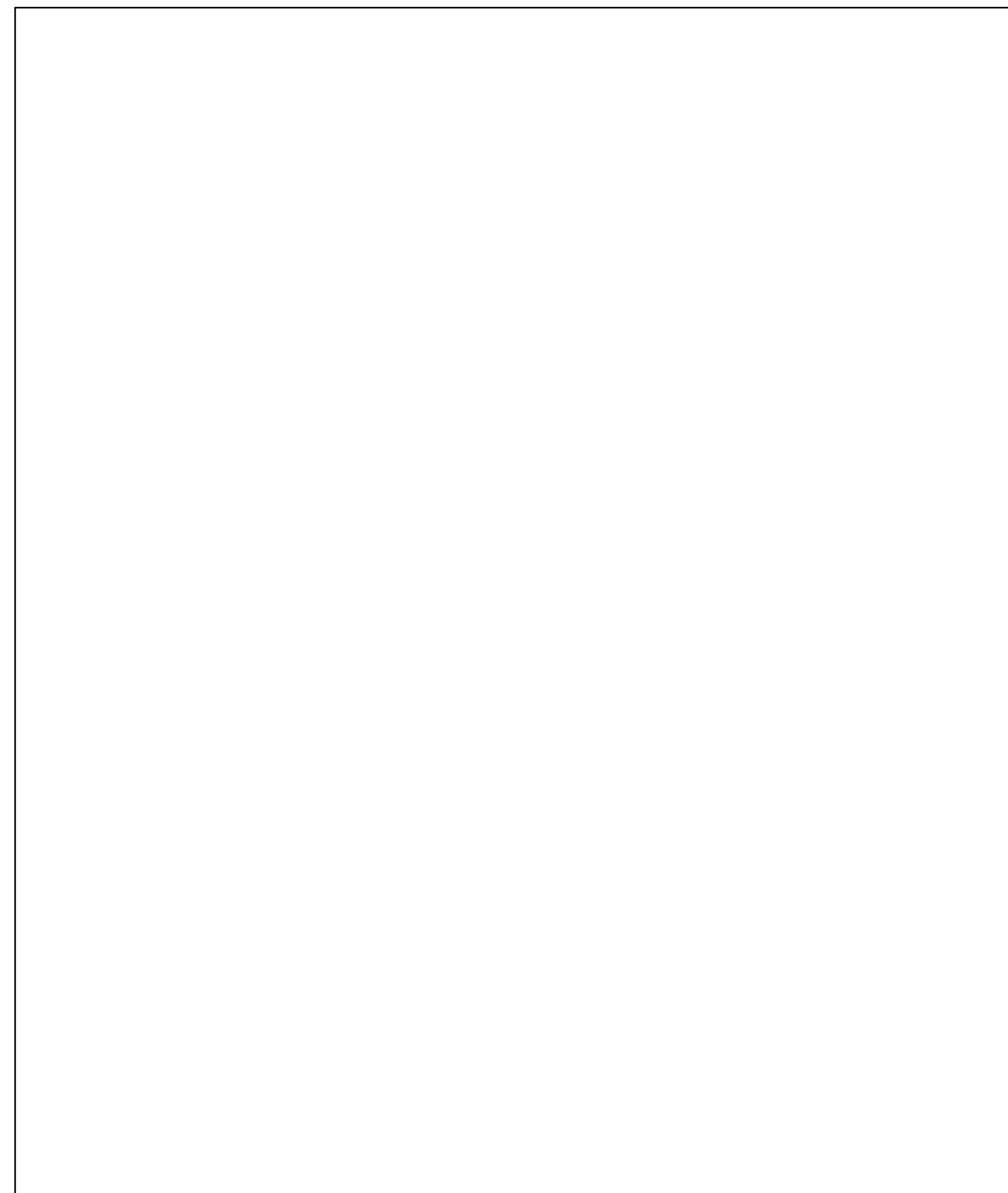


42 EXPANSION JOINT FLASHING DETAIL: NEW TO EXISTING
A12 SCALE : 1:4



43 EXPANSION JOINT FLASHING DETAIL: NEW TO EXISTING
A12 SCALE : 1:4

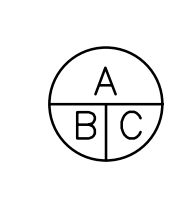
44 NOT USED
A12 SCALE : 1:20



STAMP

04		
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revision		date

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	A Detail No. No. du détail drawing no. - where detail required dessin no. - où détail exigé C drawing no. - where detailed dessin no. - où détaillé
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project title
titre du projet
HARROW Ontario
AGRICULTURE & AGRI-FOODS CANADA
2585 COUNTY ROAD 20

ROOF REPLACEMENT

drawing title
titre du dessin
ROOFING DETAILS 7

drawn by
dessiné par **IRC GROUP: B.M.W.**

designed by
conc par **IRC GROUP: A.J.D.**

approved by
approuvé par **IRC GROUP: T.K.C.**

bid
offre **M.B.** project manager
administrateur
de projets

project date
date du projet **2016-04-04**

project no.
no. du projet **R.076726.001** PWGSC #: R.076726.001

drawing no.
dessiné no. **A12**