

BMA

**BOURASSA
MAILLÉ
ARCHITECTES**

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révisions revisions	date
1	FOR SUBMISSION 10/01/14
1	FOR COMMENTS 19/12/13

A no. du détail detail no.	B no. de la feuille—où détail exigé sheet no. — where detail required	C no. de la feuille—où détaillé sheet no. — where detailed
A	B	C

Projet
**SERVICE CORRECTIONNEL CANADA
 SCC DRUMMONDVILLE**
 2025, BLVD JEAN-DE-BRÉBOEUF
 DRUMMONDVILLE, QC

Nouveau Refroidisseur au Toit
NEW ROOFTOP CHILLER

Dessin
**ARCHITECTURE
 ARCHITECTURE**
 PLAN DE DÉMOLITION
DEMOLITION PLAN

Conçu par
 M.—A.M. 19/12/2013
 Date

Dessiné par
 E.L. 10/01/2014
 Date

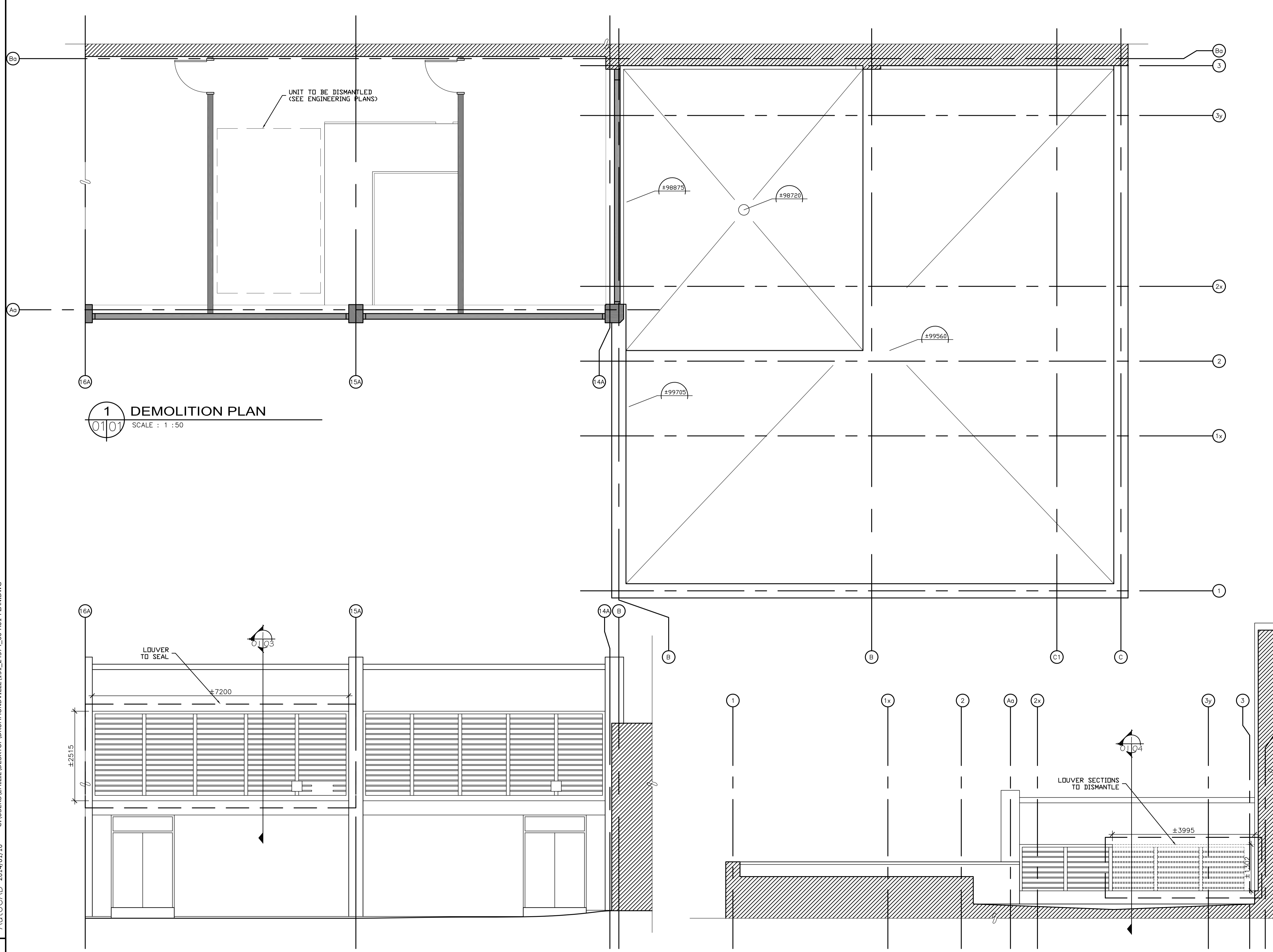
Approuvé par
 Date

Soumission
 Tender

Administrateur de projets TPSGC
 PWGSC Project Manager
 No de projet
131-24374 1445-13

Nom du fichier
 PWGSC Client
 File name No de classement

No de plan ou dessin
 File name No feuille
 Sheet no
A01/05



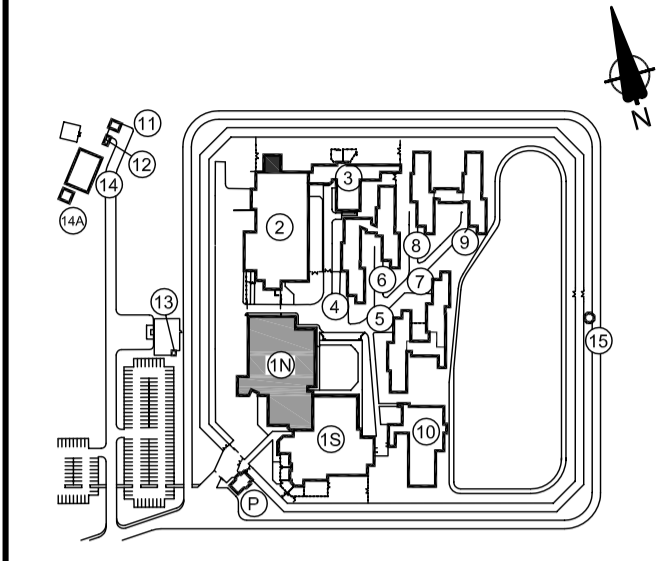
1 DEMOLITION PLAN
01/01 SCALE : 1 : 50

2 WEST ELEVATION / DEMOLITION
01/01 SCALE : 1 : 50

3 SOUTH ELEVATION / DEMOLITION
01/01 SCALE : 1 : 50

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AutoCAD 2014/01/10



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Projet / Project
SERVICE CORRECTIONNEL CANADA
SCC DRUMMONDVILLE
 2025, BLVD JEAN-DE-BRÉBOEUF
 DRUMMONDVILLE, QC

NOUVEAU REFROIDISSEUR AU TOIT
 NEW ROOFTOP CHILLER

Dessin / Drawing
ARCHITECTURE
ARCHITECTURE

PLAN DE CONSTRUCTION
 CONSTRUCTION PLAN

Conçu par / Designed by
 M.-A.M. 19/12/2013
 Date

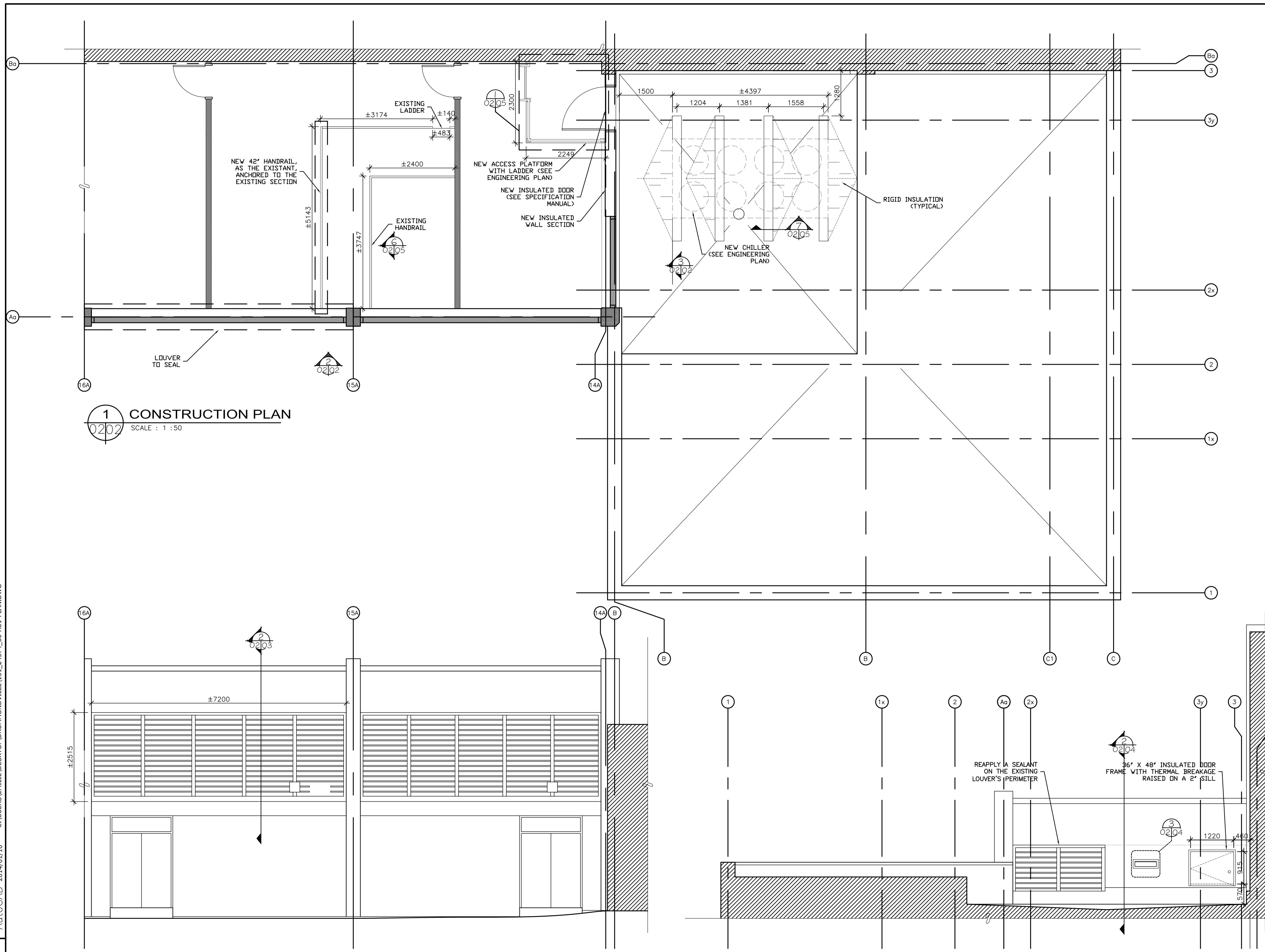
Dessiné par / Drawn by
 E.L. 10/01/2014
 Date

Approuvé par / Approved by
 Date

Soumission / Tender
 Administrateur de projets TPSGC / PWGSC Project Manager
 No de projet / Project number
131-24374 **1445-13**

TPSGC / Client
 Nom du fichier / File name
 No de plan ou dessin / File name
 No de feuille / Sheet no.

A02/05

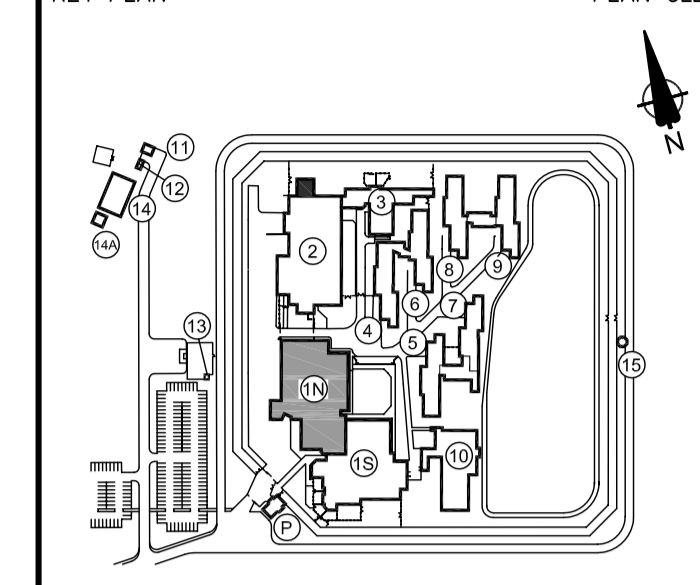


1 CONSTRUCTION PLAN
 SCALE : 1 : 50

2 WEST ELEVATION
 SCALE : 1 : 50

3 SOUTH ELEVATION / CONSTRUCTION
 SCALE : 1 : 50

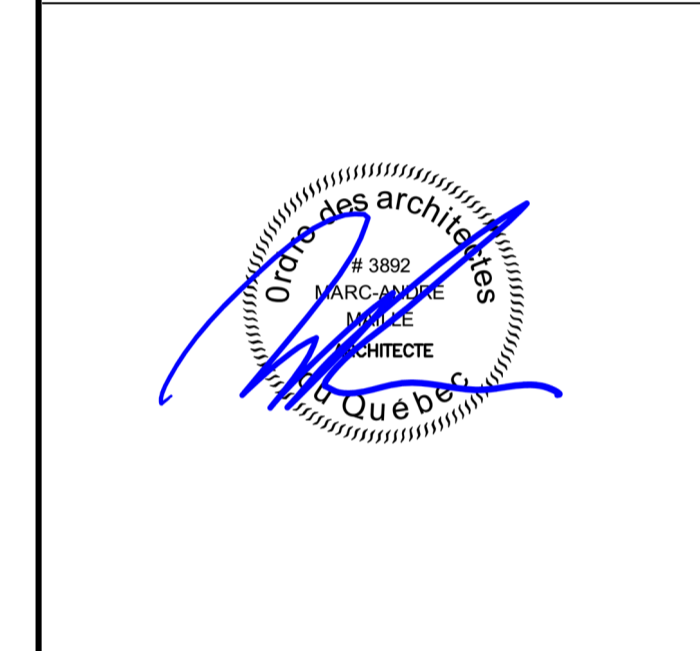
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1	FOR COMMENTS	19/12/13

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**SERVICE CORRECTIONNEL CANADA
 SCC DRUMMONDVILLE**
 2025, BLVD JEAN-DE-BRÉBOEUF
 DRUMMONDVILLE, QC

Nouveau refroidisseur au toit
NEW ROOFTOP CHILLER

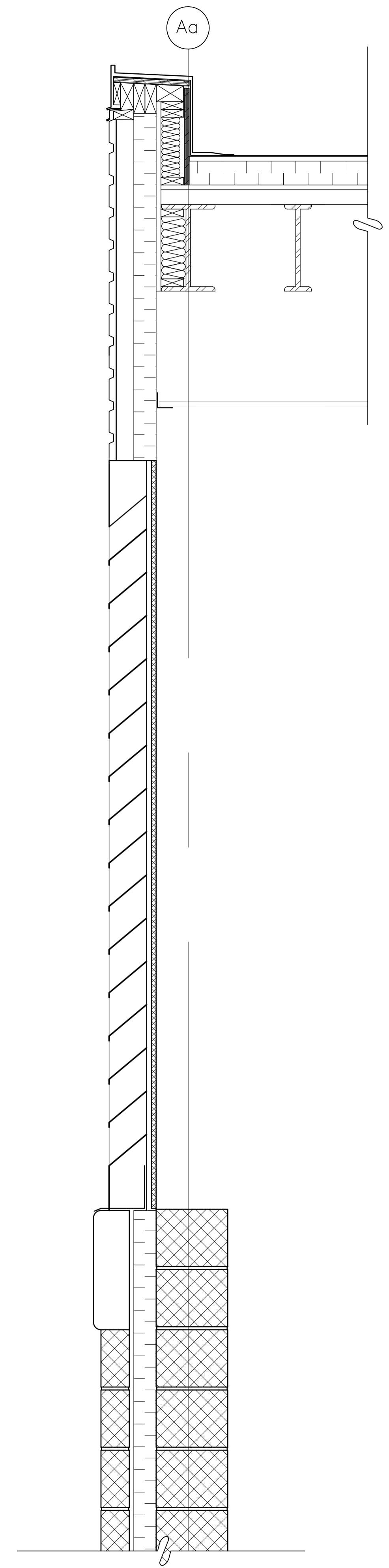
Dessin
**ARCHITECTURE
 ARCHITECTURE**

**COUPE OBTURATION PERSIENNE
 LOUVER SEALING SECTION**

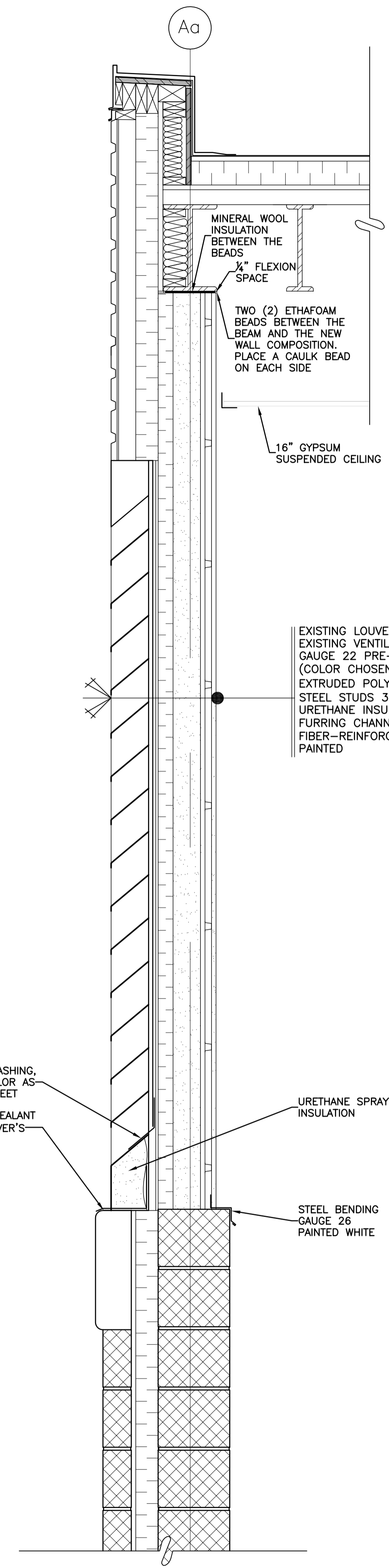
Conçu par M.—A.M.	Designed by 19/12/2013 Date
Dessiné par E.L.	Drawn by 10/01/2014 Date
Approuvé par	Approved by Date

Soumission		Tender	
No de projet Project number	No de projet Project number	No de projet Project number	No de projet Project number
131-24374	1445-13		

Nom du fichier		File name	
No de plan ou dessin	File name	No de feuille	Sheet no
			A03/05



1
 CURRENT LOUVER SECTION
 SCALE : 1 : 10



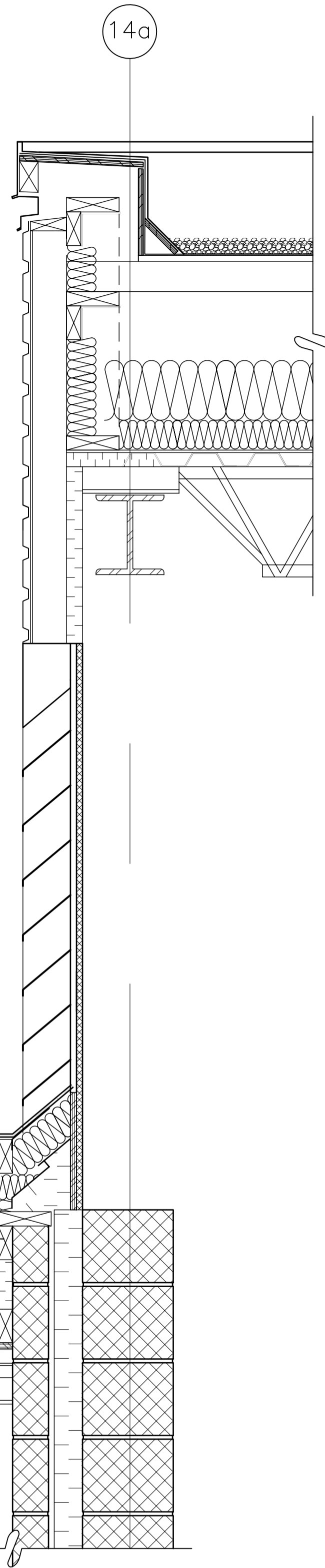
2
 LOUVER SEALING SECTION
 SCALE : 1 : 10

MINERAL WOOL
 INSULATION
 BETWEEN THE
 BEADS
 1/4" FLEXION
 SPACE
 TWO (2) ETHAFOAM
 BEADS BETWEEN THE
 BEAM AND THE NEW
 WALL COMPOSITION.
 PLACE A CAULK BEAD
 ON EACH SIDE
 16" GYPSUM
 SUSPENDED CEILING

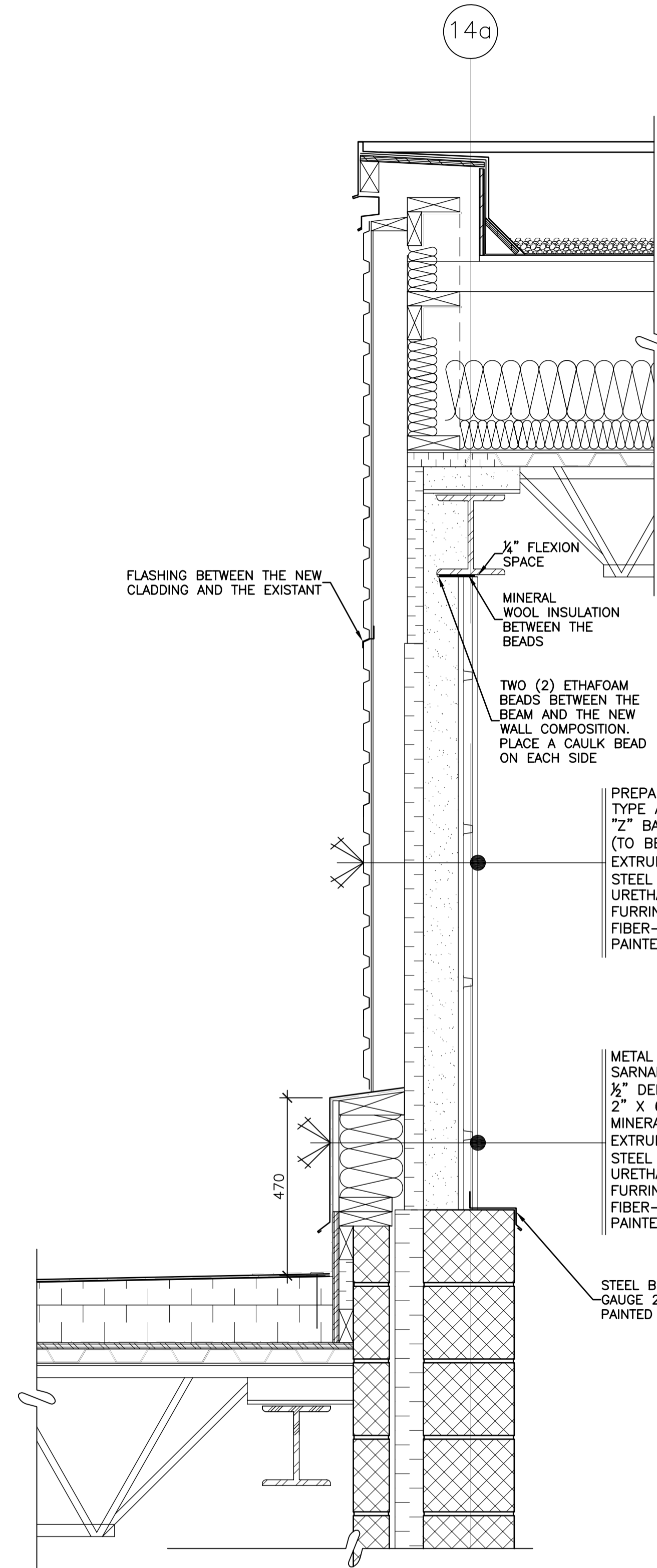
EXISTING LOUVER
 EXISTING VENTILATION NET
 GAUGE 22 PRE-PAINTED METAL SHEET
 (COLOR CHOSEN BY THE ARCHITECT)
 EXTRUDED POLYSTYRENE INSULATION 2" SEALED JOINTS
 STEEL STUDS 3 1/2" @ 16" c/c
 URETHANE INSULATION
 FURRING CHANNELS @ 16" c/c
 FIBER-REINFORCED GYPSUM PANELS,
 PAINTED

STEEL FLASHING,
 SAME COLOR AS
 METAL SHEET
 REAPPLY A SEALANT
 ON THE LOUVER'S
 PERIMETER
 URETHANE SPRAY FOAM
 INSULATION
 STEEL BENDING
 GAUGE 26
 PAINTED WHITE

BEFORE PERFORMING ANY DEMOLITION WORK, CUT AN OPENING THROUGH THE EXISTING WALL TO ENSURE THAT THERE IS NO CONFLICT WITH THE DRAWINGS. IN CASE OF DISPARITY, DO NOT START ANY WORK WITHOUT THE ARCHITECT'S APPROVAL.



1 CURRENT LOUVER DETAIL
SCALE : 1 : 10



2 LOUVER DISMANTLING DETAIL
SCALE : 1 : 10

TYPE A EXTERIOR CLADDING PANELS MUST COMPLY WITH ASTM A653/A653M-96. CORE WILL BE MADE OF GRADE 230 STEEL (33), WITH A MINIMUM YIELD STRESS OF 230 MPA (33,000 LBS/SQ INCH) AND A MAXIMUM STRESS OF 144 MPA (20, 625 LBS/SQ. INCH). CORE'S BOTH SIDES ARE SHEET ZINC-COATED (GALVANIZED) BY HOT-DIP PROCESS Z-275 (G-90) AS PER ASTM A924/A924M.

EXTERIOR CLADDING PANELS MUST COMPLY WITH CSA S136-07 FOR PHYSICAL PROPERTIES AND THE FOLLOWING CHARACTERISTICS:

PHYSICAL PROPERTIES :
 BASE STEEL NOMINAL THICKNESS : 0.46MM (26)
 NOMINAL THICKNESS (Z275 COATING) : 0.50MM
 MASS WITH Z275 COATING : 5.33
 SECTION MODULUS :
 MIDSPAN (MM3 X 103) : 4.58
 SUPPORT (MM3 X 103) : 4.55
 MOMENT AT MIDSPAN (MM4 X 104) : 98.4
 FACTORED RESISTANCE
 MOMENT
 MIDSPAN (N-M) : 948.1
 SUPPORT : 941.9
 REACTION :
 EXTREMITY (KN) : 4.2
 INTERMEDIATE (KN) : 6.1

CHARACTERISTICS:
 PANEL NOMINAL DIMENSIONS:
 PANEL WIDTH : 900MM MIN.
 PANEL THICKNESS : 35MM
 DIMENSIONS OF RIBS :
 RIBS WIDTH : 82MM
 SUPERIOR SPACING : 68MM
 INFERIOR SPACING : 36MM
 INFERIOR RIBS SPACING (C/C) : 150MM
 FINISH : VISIBLE SIDE (PREPAINTED)
 COLOR : NO QC-16079

FLASHING BETWEEN THE NEW CLADDING AND THE EXISTANT

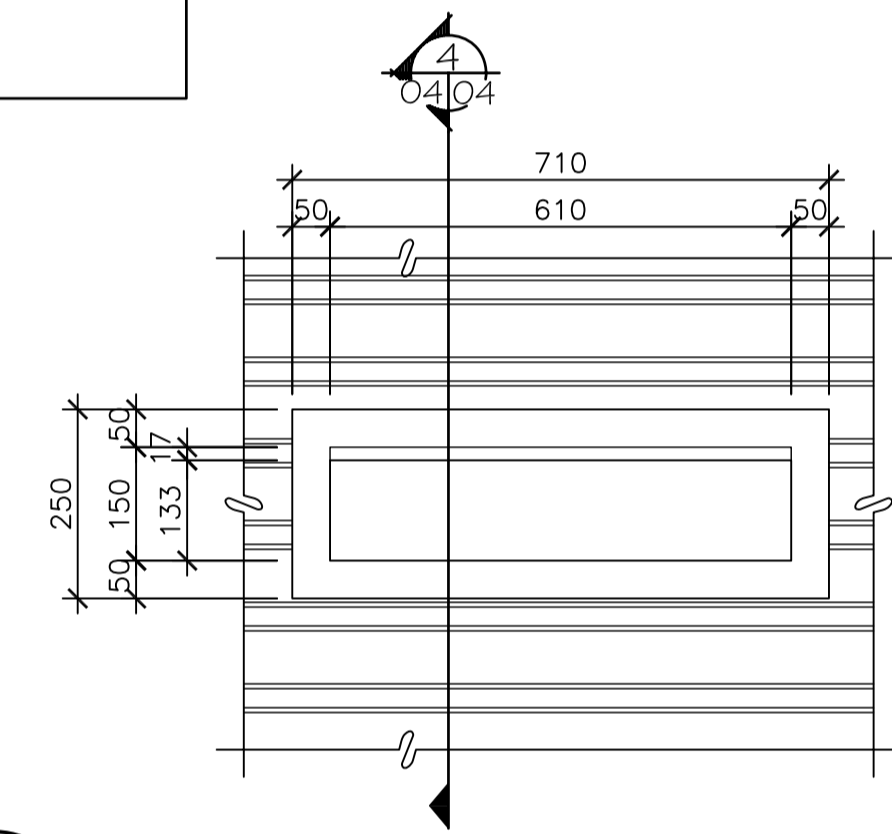
MINERAL WOOL INSULATION BETWEEN THE BEADS

TWO (2) ETHAFOAM BEADS BETWEEN THE BEAM AND THE NEW WALL COMPOSITION. PLACE A CAULK BEAD ON EACH SIDE

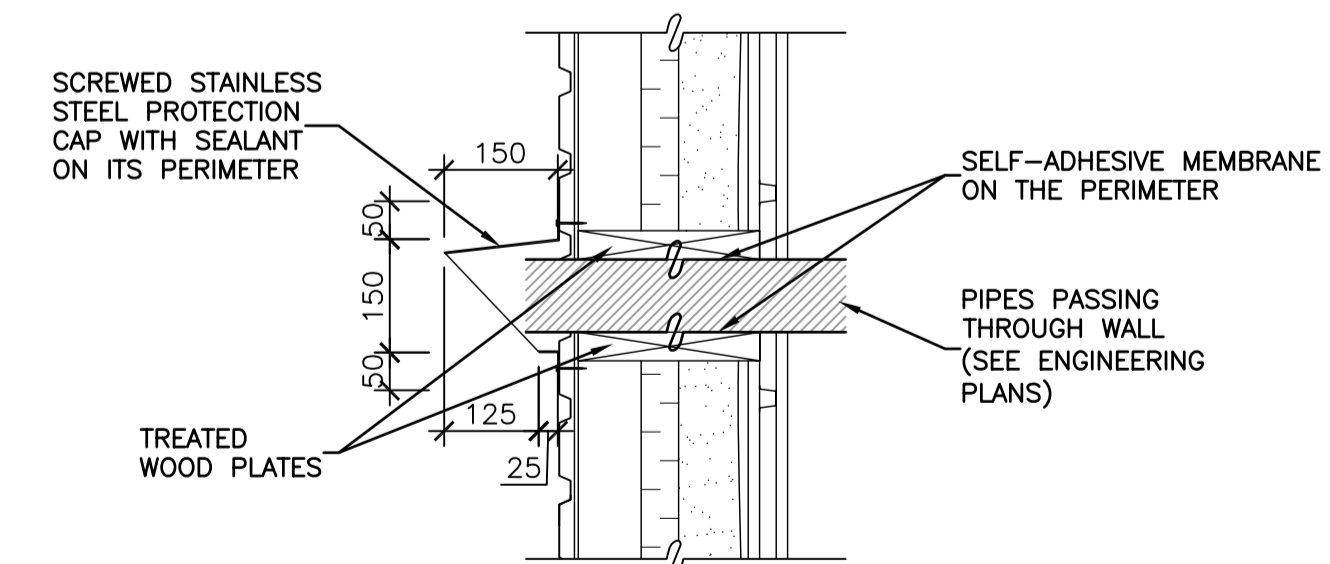
PREPAINTED HORIZONTAL METAL CLADDING
 TYPE A, SAME AS EXISTANT
 "Z" BARS 75mm @ 400mm c/c
 (TO BE CONFIRMED ON SITE)
 EXTRUDED POLYSTYRENE INSULATION 2"
 STEEL STUDS 3 3/8"
 URETHANE INSULATION
 FURRING CHANNELS @ 400mm c/c
 FIBER-REINFORCED GYPSUM PANELS,
 PAINTED

METAL FLASHING
 SARNAFIL S-327 MEMBRANE
 1/2" DENSDECK PANEL
 2" X 6" TREATED WOOD STUDS
 MINERAL WOOL INSULATION
 EXTRUDED POLYSTYRENE INSULATION 2"
 STEEL STUDS 3 3/8"
 URETHANE INSULATION
 FURRING CHANNELS @ 400mm c/c
 FIBER-REINFORCED GYPSUM PANELS,
 PAINTED

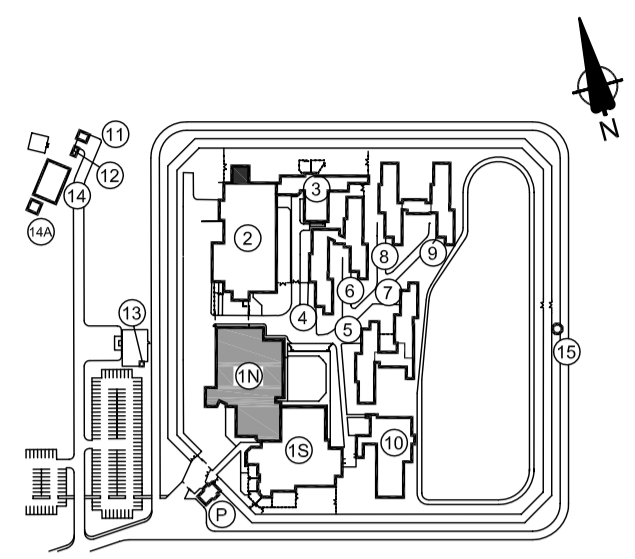
STEEL BENDING
 GAUGE 26
 PAINTED WHITE



3 PROTECTION CAP DETAIL
SCALE : 1 : 10



4 PROTECTION CAP SECTION
SCALE : 1 : 10



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revisions		date

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Projet
SERVICE CORRECTIONNEL CANADA
SCC DRUMMONDVILLE
 2025, BLVD JEAN-DE-BRÉBOEUF
 DRUMMONDVILLE, QC

NOUVEAU REFROIDISSEUR AU TOIT
NEW ROOFTOP CHILLER

Dessin
ARCHITECTURE
ARCHITECTURE
 Détail Démantèlement
 de la persienne
LOUVER DISMANTLING DETAIL

Conçu par
 M.-A.M.
 Date
 12/19/2013

Dessiné par
 E.L.
 Date
 10/01/2014

Approuvé par
 Date

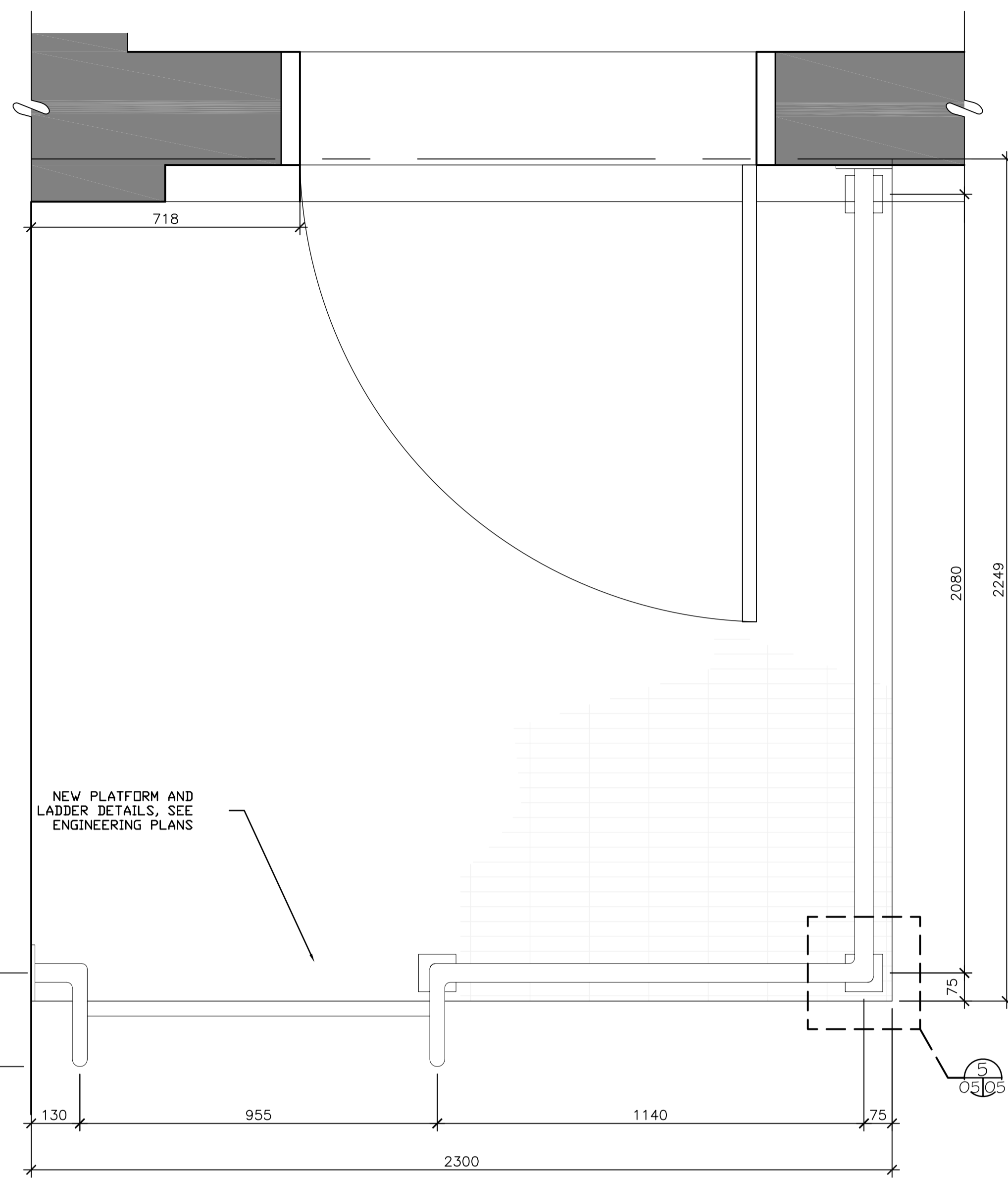
Soumission
 Tender

Administrateur de projets TPSGC
 PWGSC Project Manager
 No de projet
 131-24374

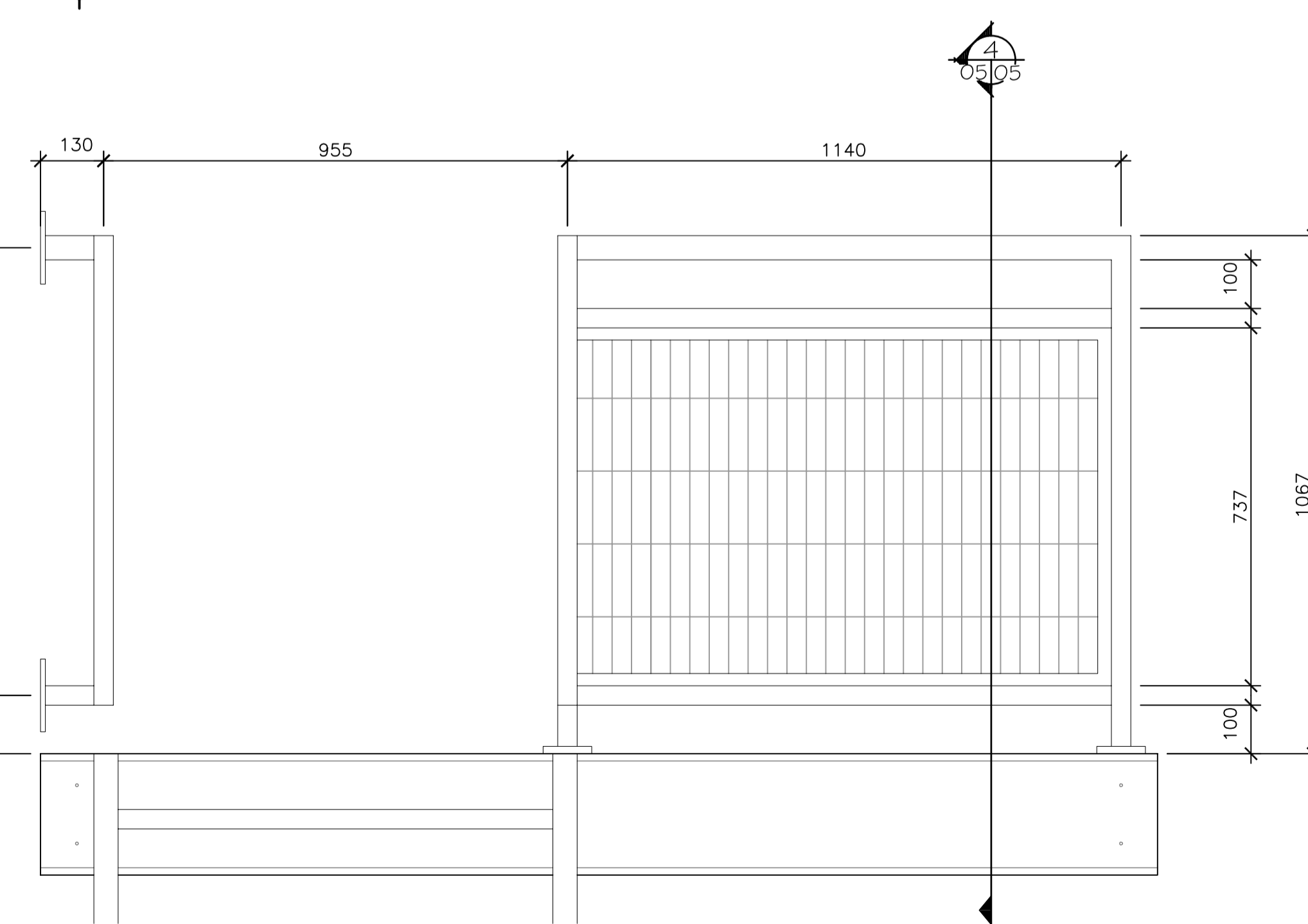
No de projet
 1445-13
 TPSGC
 PWGSC

Nom du fichier
 File name
 No de classement

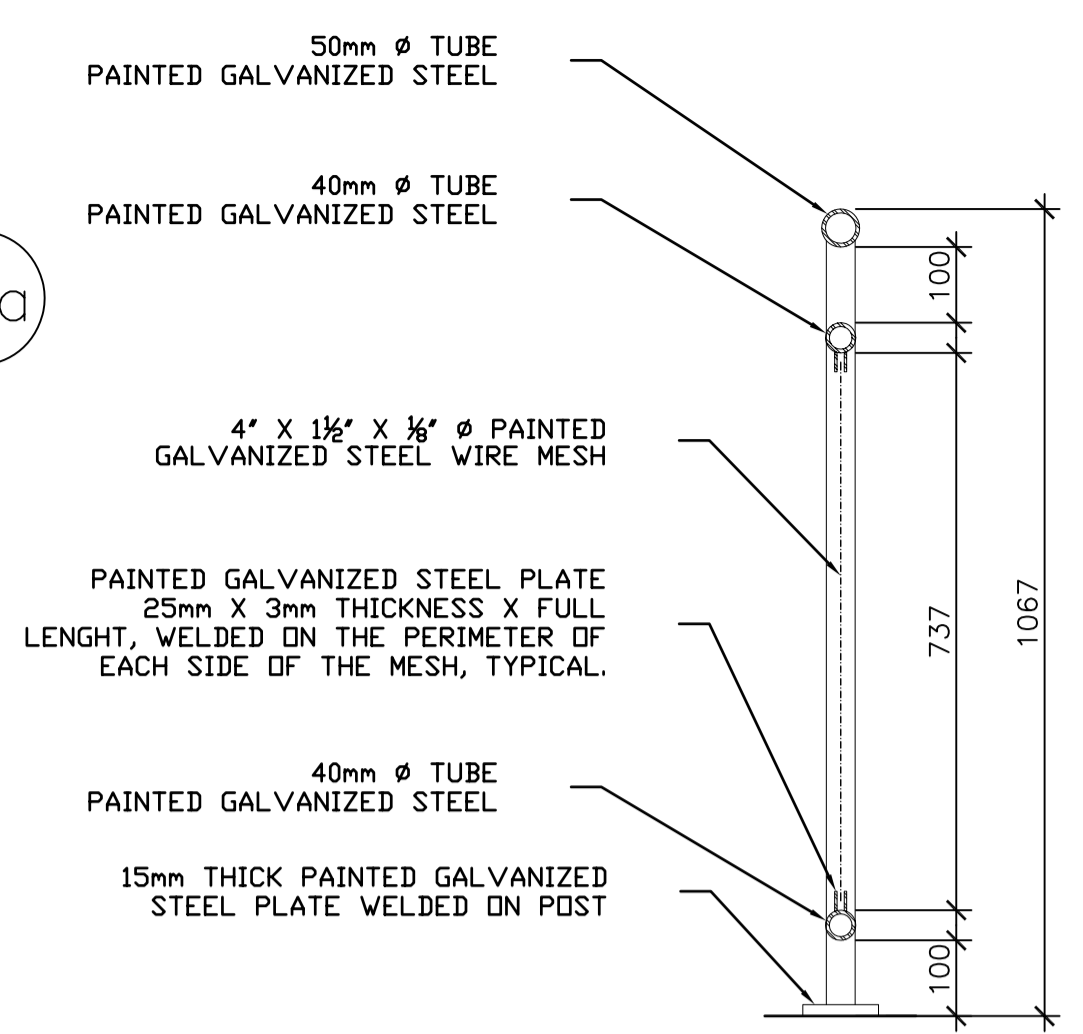
No de plan ou dessin
 File no
 No de feuille
 Sheet no
A04/05



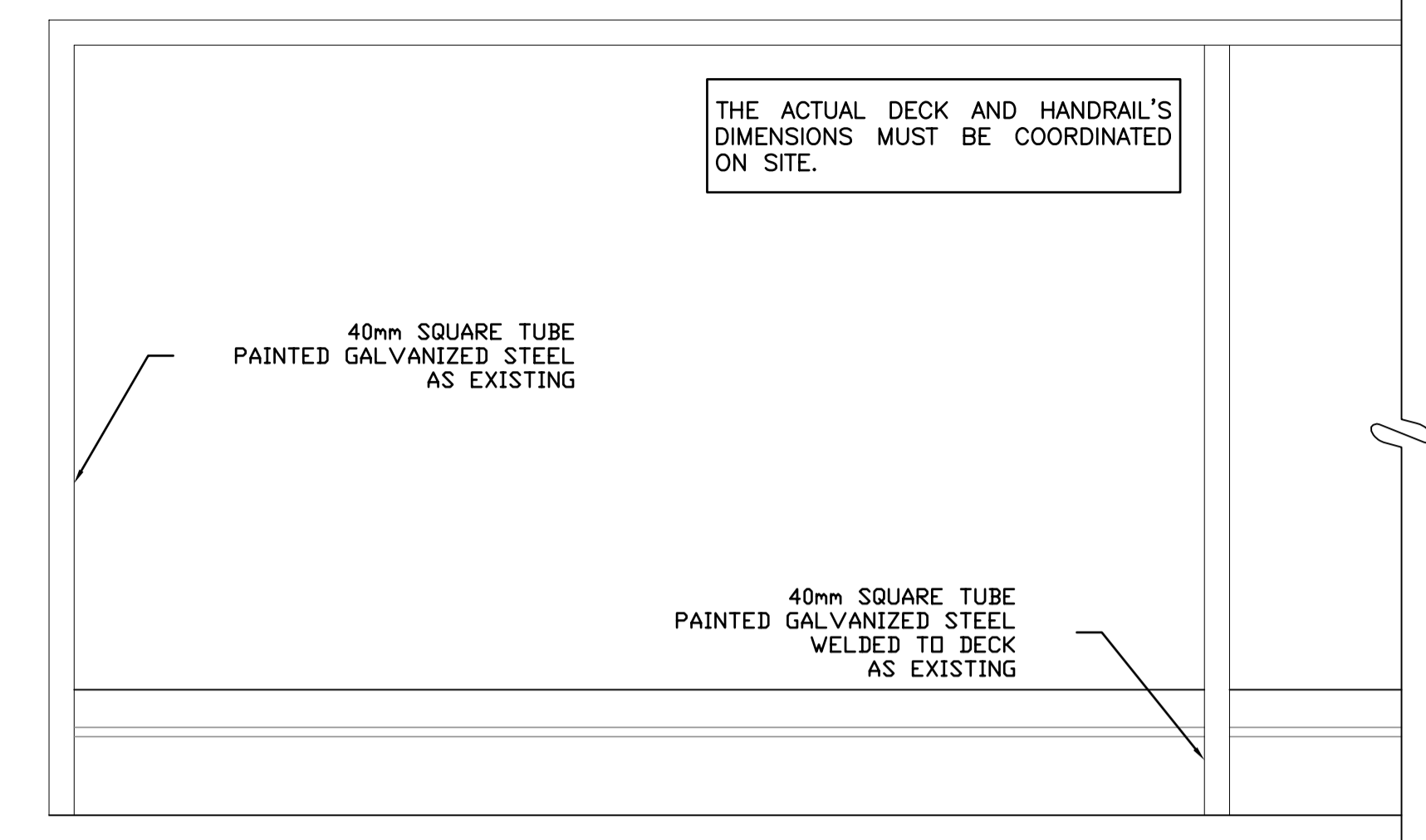
1 HANDRAIL PLAN
SCALE : 1 : 10



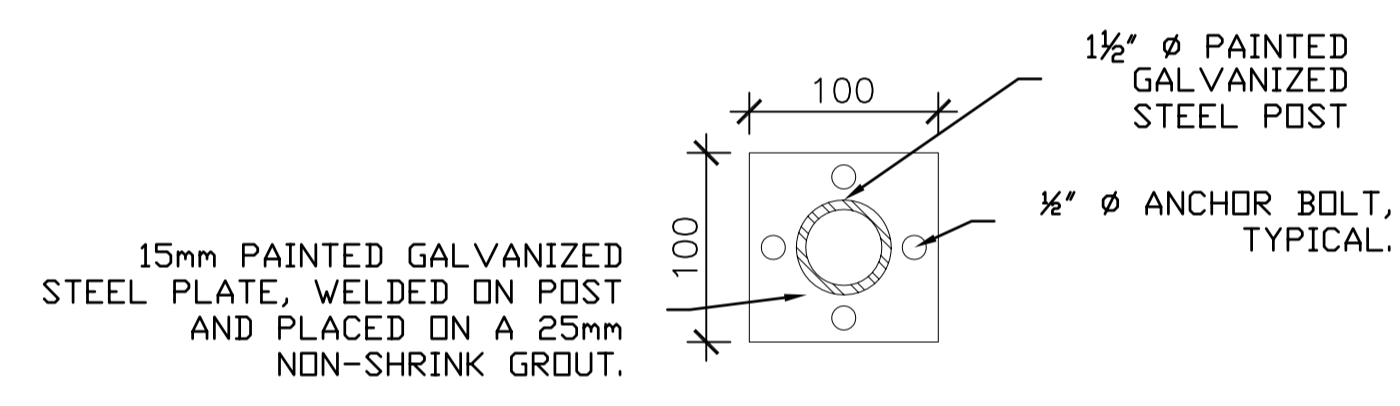
2 HANDRAIL ELEVATION
SCALE : 1 : 10



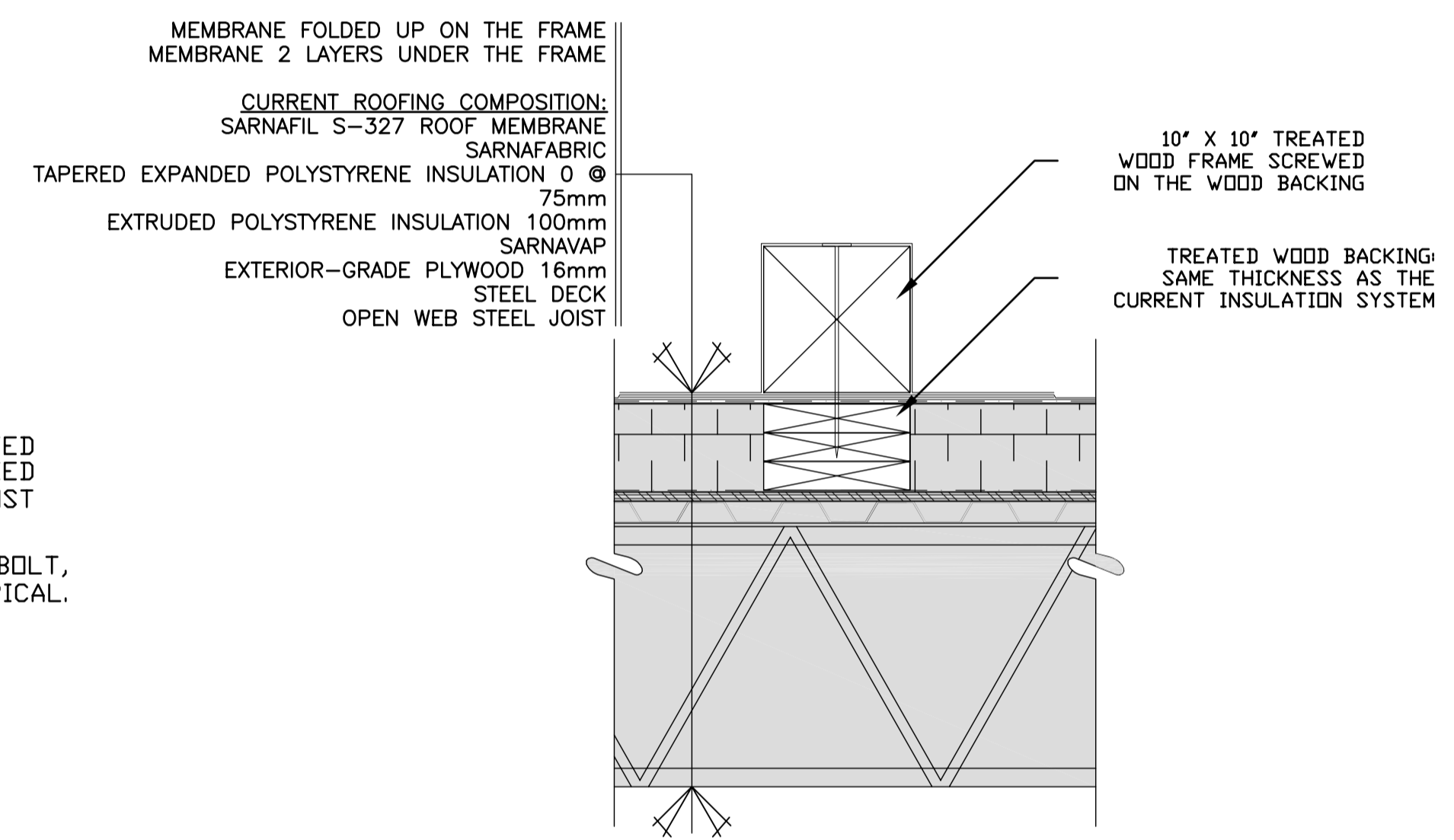
4 HANDRAIL POST DETAIL
SCALE : 1 : 10



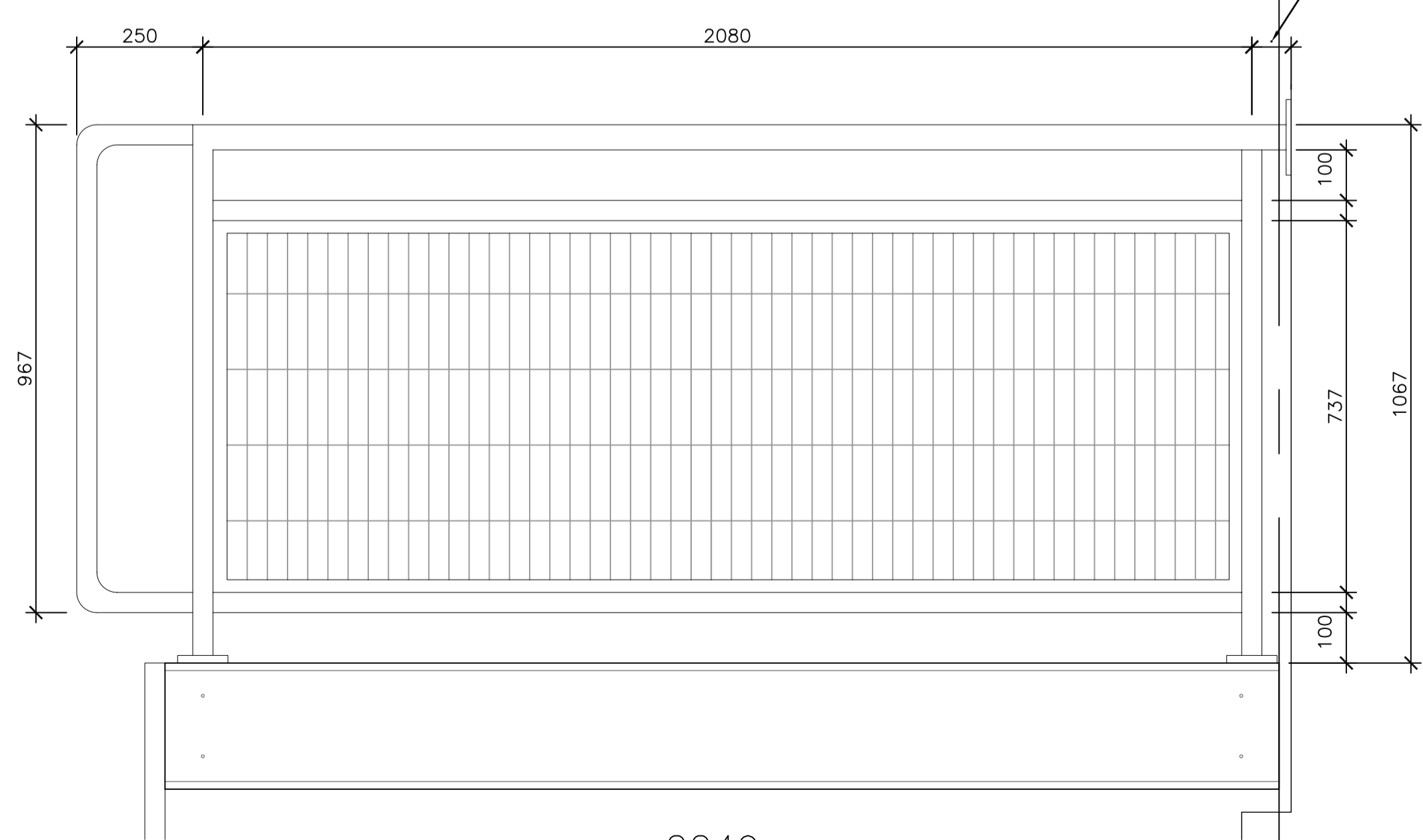
6 PARTIAL EXISTING HANDRAIL ELEVATION
SCALE : 1 : 10



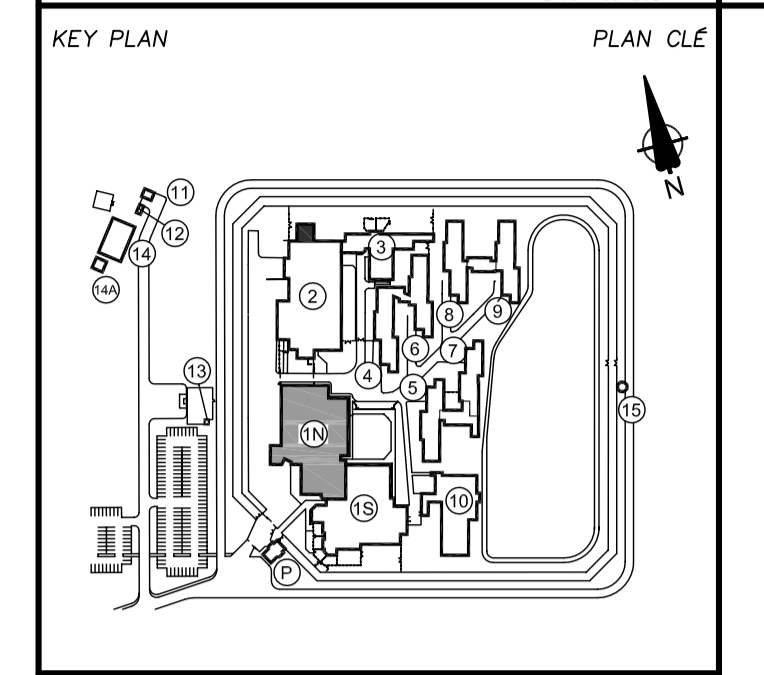
5 TYPICAL ANCHOR PLATE DETAIL
SCALE : 1 : 4



7 TYPICAL SUPPORT UNDER FRAME
SCALE : 1 : 10



3 HANDRAIL ELEVATION
SCALE : 1 : 10



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Marc Maillé
Architecte
Québec

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DRUMMONDVILLE, QC

NOUVEAU REFROIDISSEUR AU TOIT
NEW ROOFTOP CHILLER

Dessin / Drawing
ARCHITECTURE ARCHITECTURE
DÉTAILS DES GARDE-CORPS
DÉTAIL DES DORMANTS

HANDRAILS DETAILS
FRAME DETAIL

Conçu par / Designed by	M.-A.M.	19/12/2013	Date
Dessiné par / Drawn by	E.L.	10/01/2014	Date
Approuvé par / Approved by			Date
Soumission / Tender			Date
Administrateur de projets TPSGC / PWGSC Project Manager			
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TPSGC / Client		PWGSC / Client	
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