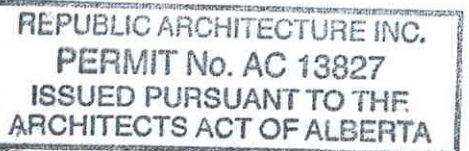


Travaux publics et
Services gouvernementaux
Canada

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest



**CORRECTIONAL SERVICES OF CANADA (CSC)
EDMONTON INSTITUTE**

GUN PORT REPLACEMENT, RETROFIT AND MODERNIZATION

**EDMONTON INSTITUTE
21611 MERIDIAN STREET
EDMONTON, ALBERTA**

DATE: JUNE 7, 2019
RE-ISSUED FOR TENDER

Client _____ client

**CORRECTIONAL SERVICES
OF CANADA (CSC)
EDMONTON INSTITUTE**

EDMONTON, ALBERTA

Project

**EDMONTON, ALBERTA
21611 MERIDIAN STREET
EDMONTON INSTITUTION**

Project

GUN PORT REPLACEMENT, RETROFIT AND MODERNIZATION

Designed by **NOAH JACOBSON** Conçu par

Drawn by **MELANIE PRATT** Dessiné par

Approved by **CRISTINA BUSTAMANTE** Approuvé par

PWGCSC Project Manager Administrateur de Projets TPSGC
JOHN SHORT

Drawing title	Titre du dessin
---------------	-----------------

COVER

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.091022.001	A0	4

ARCHITECTURAL
REPUBLIC ARCHITECTURE
INC.
385 ST. MARY AVENUE
WINNIPEG, MB R3C 0N1

DRAWING LIST

[illegible]

1. THE DRAWINGS SHALL NOT BE SCALED FOR INFORMATION.
2. VISIT SITE TO BE SATISFIED THAT ALL DIMENSIONS, DATUMS AND DETAILED INFORMATION IS CORRECT.
3. PATCH AND MAKE GOOD SURROUNDING CONDITIONS AFFECTED BY THE WORK.

— NORTH ARROW PROJECT

BREAK LINE

WORK ITEM IDENTIFICATION NUMBER (WINDOW, DOOR, OR GRILLE)

ELEVATION TAG DIRECTION OF VIEW

ELEVATION NUMBER

DRAWING SHEET

WALL SECTION TAG DIRECTION OF VIEW

CALLOUT NUMBER

SHEET DRAWN ON SHEET TAKEN FROM

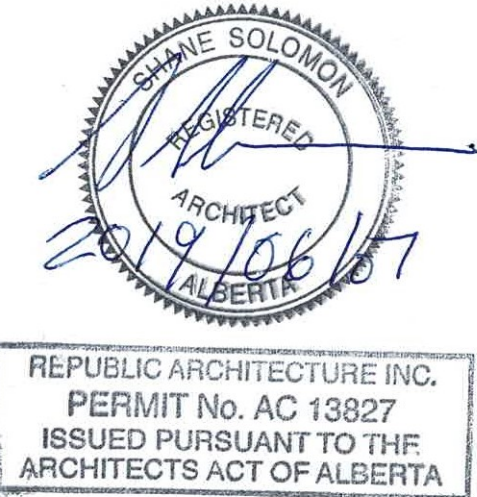
CALLOUT NUMBER

DRAWING NAME

DRAWING SCALE

SHEET DRAWN ON

CSC	CORRECTIONAL SERVICES OF CANADA
C/W	COMPLETE WITH
EQ	EQUAL
NTS	NOT TO SCALE
O/O	OUT TO OUT
PLAM	PLASTIC LAMINATE
TYP	TYPICAL



5		
4	RE-ISSUED FOR TENDER	2019/06/07
3	ISSUED FOR TENDER	2019/05/16
2	99% CONSTRUCTION DOCUMENTS	2019/03/29
1	66% CONSTRUCTION DOCUMENTS	2018/12/21
0	DESIGN DEVELOPMENT	2018/11/06
Revision	Description	Date

Client	client
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**CORRECTIONAL SERVICES
OF CANADA (CSC)
EDMONTON INSTITUTE**

EDMONTON, ALBERTA

Project	<p>EDMONTON, ALBERTA 21611 MERIDIAN STREET EDMONTON INSTITUTION</p>	Project
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GUN PORT REPLACEMENT, RETROFIT AND MODERNIZATION

Designed by	Conçu par
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NOAH JACOBSON

Drawn by	Dessiné par
----------	-------------

MELANIE PRATT

Approved by _____ Approuvé par _____
CRISTINA BUCAMANTE

CRISTINA BUSTAMANTE

JOHN SHORT

Book/CD Title	Time to Read
Book/CD Title	Time to Read

KEY PLAN SYMBOL LEGEND

KEY PLAN, SYMBOL LEGEND,

ABBREVIATIONS, AND GENERAL

NOTES

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
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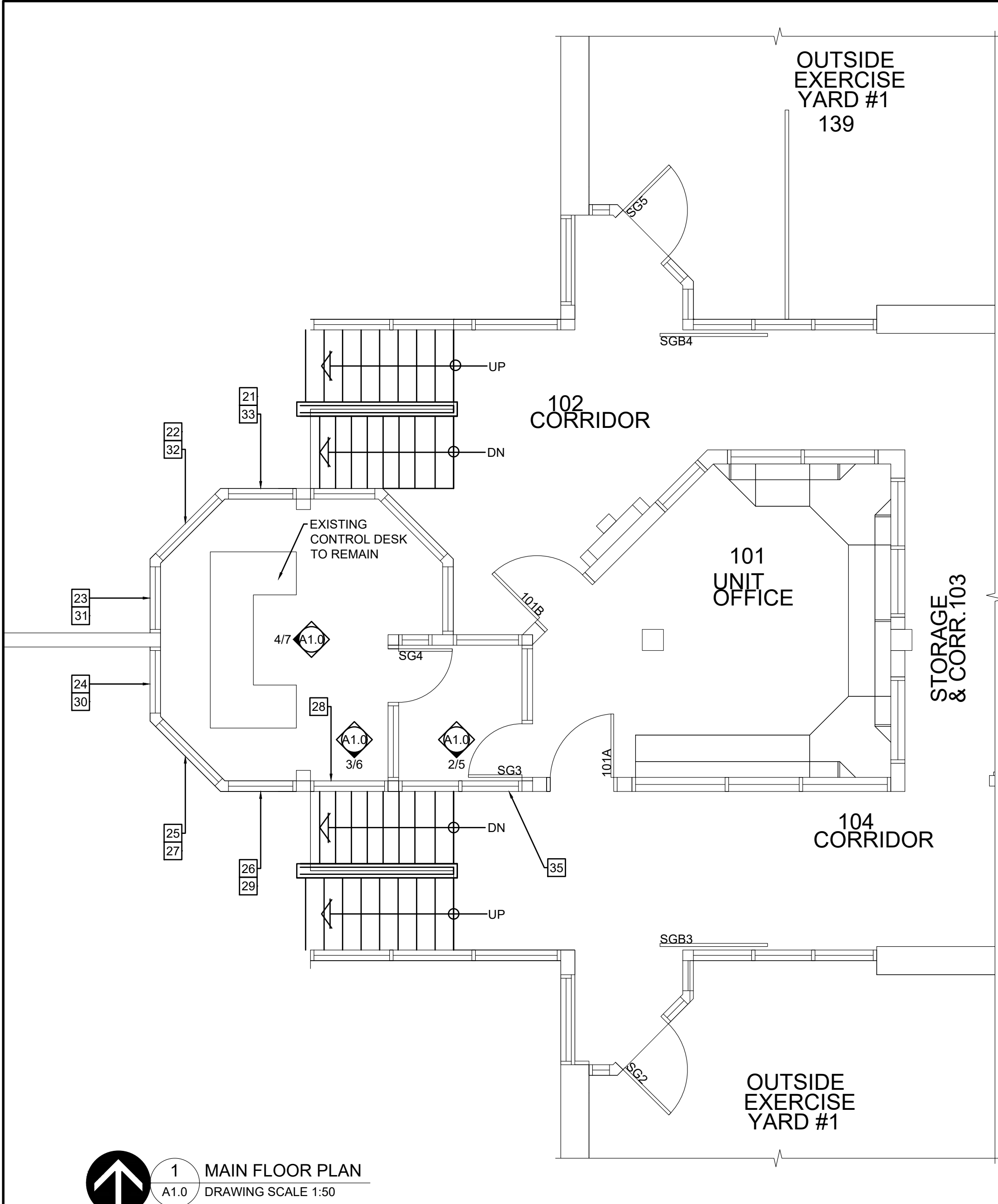
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R.091022.001	A0.1	4
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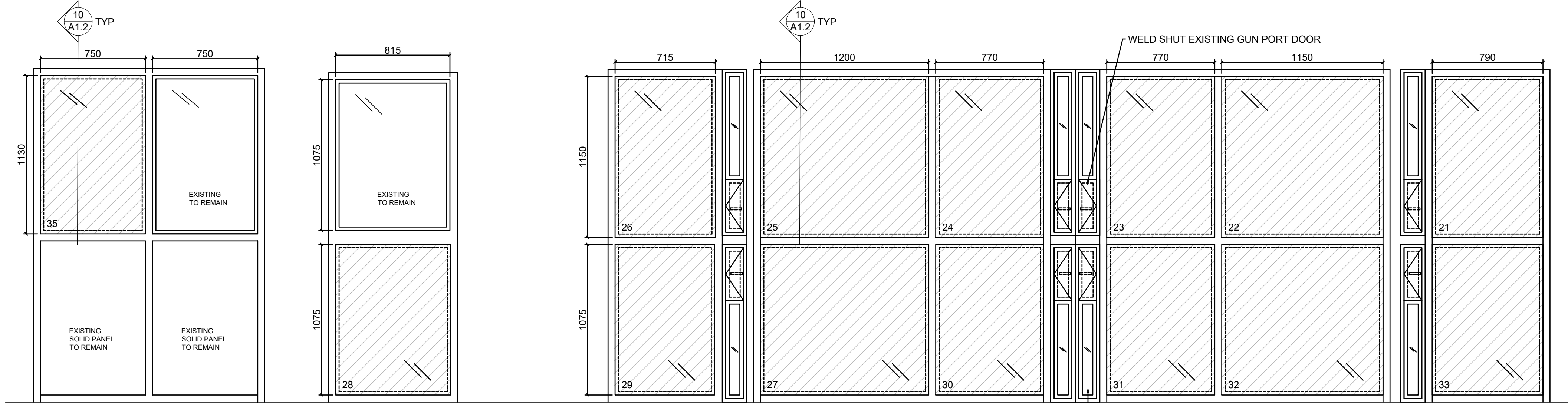
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	OF 9	
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A000



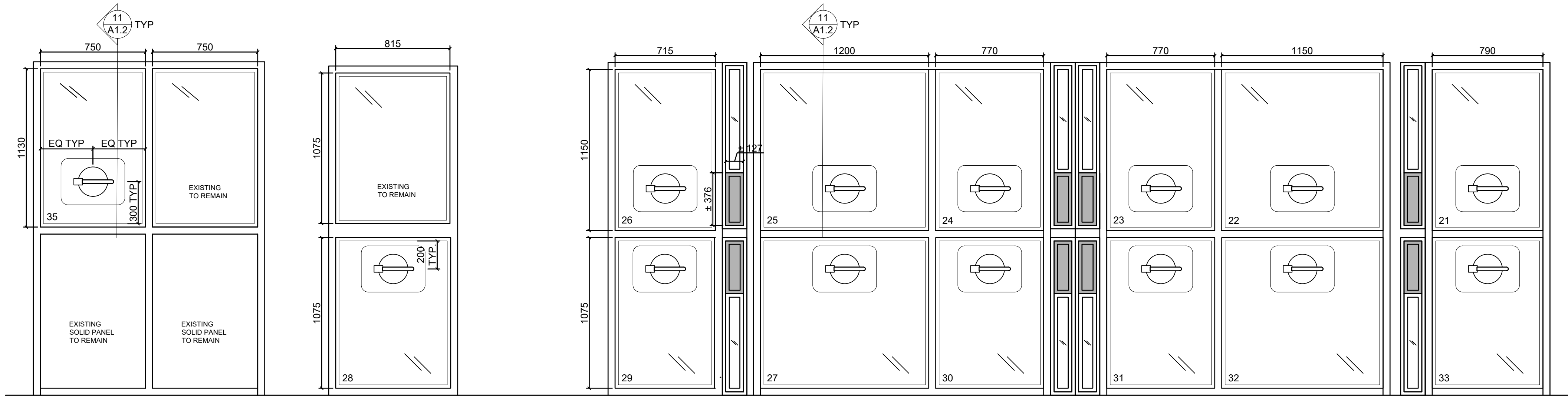
1 MAIN FLOOR PLAN
A1.0 DRAWING SCALE 1:50



2 WINDOW 35 DEMOLITION
A1.0 DRAWING SCALE 1:20

3 WINDOW 28 DEMOLITION
A1.0 DRAWING SCALE 1:20

4 WINDOWS 21, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33 DEMOLITION
A1.0 DRAWING SCALE 1:20



5 WINDOW 35 NEW CONSTRUCTION
A1.0 DRAWING SCALE 1:20

6 WINDOW 28 NEW CONSTRUCTION
A1.0 DRAWING SCALE 1:20

7 WINDOWS 21, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33 NEW CONSTRUCTION
A1.0 DRAWING SCALE 1:20

- # DENOTES WINDOW NUMBER
- GLAZING TO BE REPLACED
- EXISTING METAL GUN PORT DOOR TO BE WELDED SHUT

DEMOLITION NOTES

- 1.REMOVE EXISTING GLAZING STOP AND SET ASIDE FOR RE-INSTALLATION.
- 2.REMOVE EXISTING GLAZING AT AREAS INDICATED.

CONSTRUCTION NOTES

- 1.INSTALL NEW GLAZING AND GUN PORT ASSEMBLY AT AREAS INDICATED.
- 2.TOUCH UP AREAS AFFECTED BY CONSTRUCTION TO MATCH EXISTING.



REPUBLIC ARCHITECTURE INC.
PERMIT No. AC 13827
ISSUED PURSUANT TO THE
ARCHITECTS ACT OF ALBERTA

5		
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3	ISSUED FOR TENDER	2019/05/16
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1	66% CONSTRUCTION DOCUMENTS	2018/12/21
0	DESIGN DEVELOPMENT	2018/11/08
Revision	Description	Date

Client client

CORRECTIONAL SERVICES
OF CANADA (CSC)
EDMONTON INSTITUTE
EDMONTON, ALBERTA

Project Proj
EDMONTON, ALBERTA
21611 MERIDIAN STREET
EDMONTON INSTITUTE

GUN PORT REPLACEMENT,
RETROFIT AND
MODERNIZATION

Designed by Conçu par

NOAH JACOBSON

Drawn by Dessiné par

MELANIE PRATT

Approved by Approuvé par

CRISTINA BUSTAMANTE

PWGSC Project Manager Administrateur de Projets TPSGC

JOHN SHORT

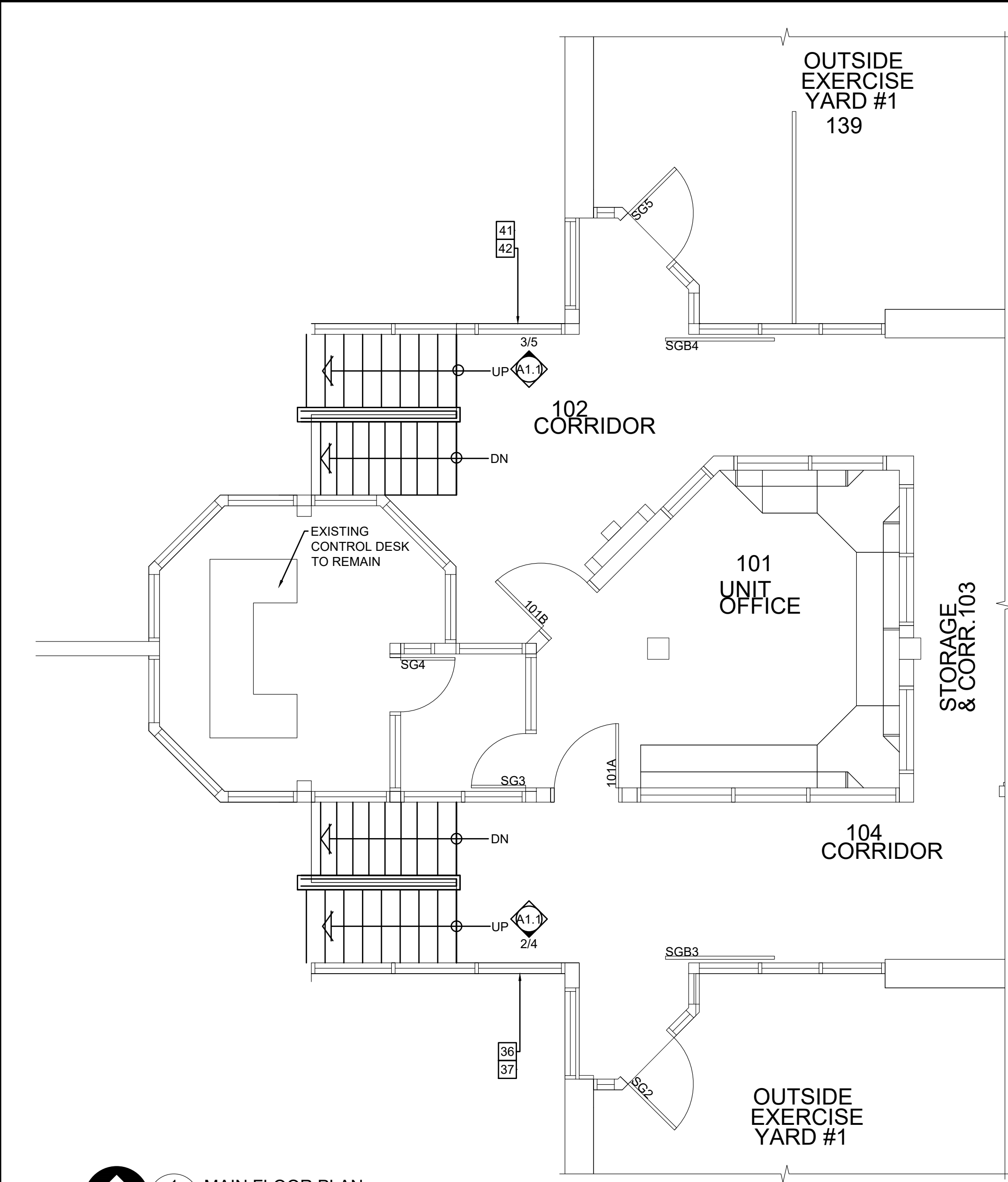
Drawing Title Titre du dessin

GROUND FLOOR AREA:
CSC PROJECT NO. 539-2702

Project no./No. du projet Drawing no./No. du dessin Revision no.

R.091022.001 A1.0 4

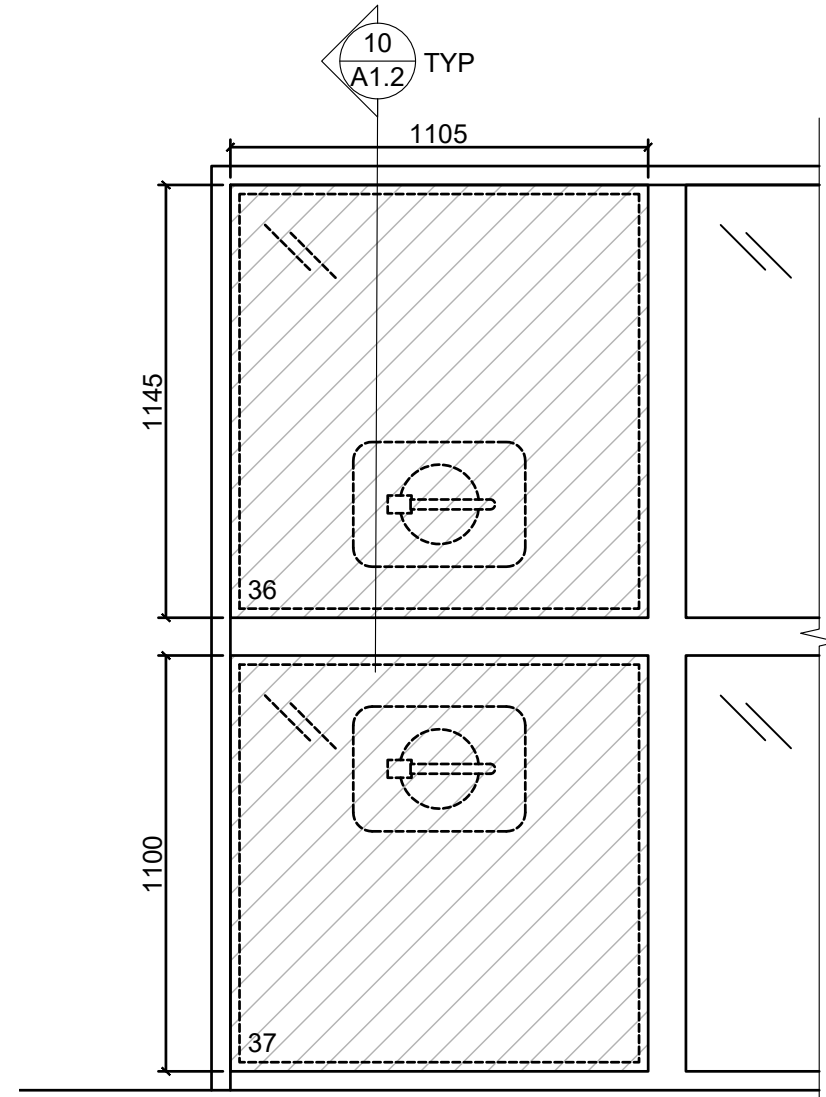
OF 9



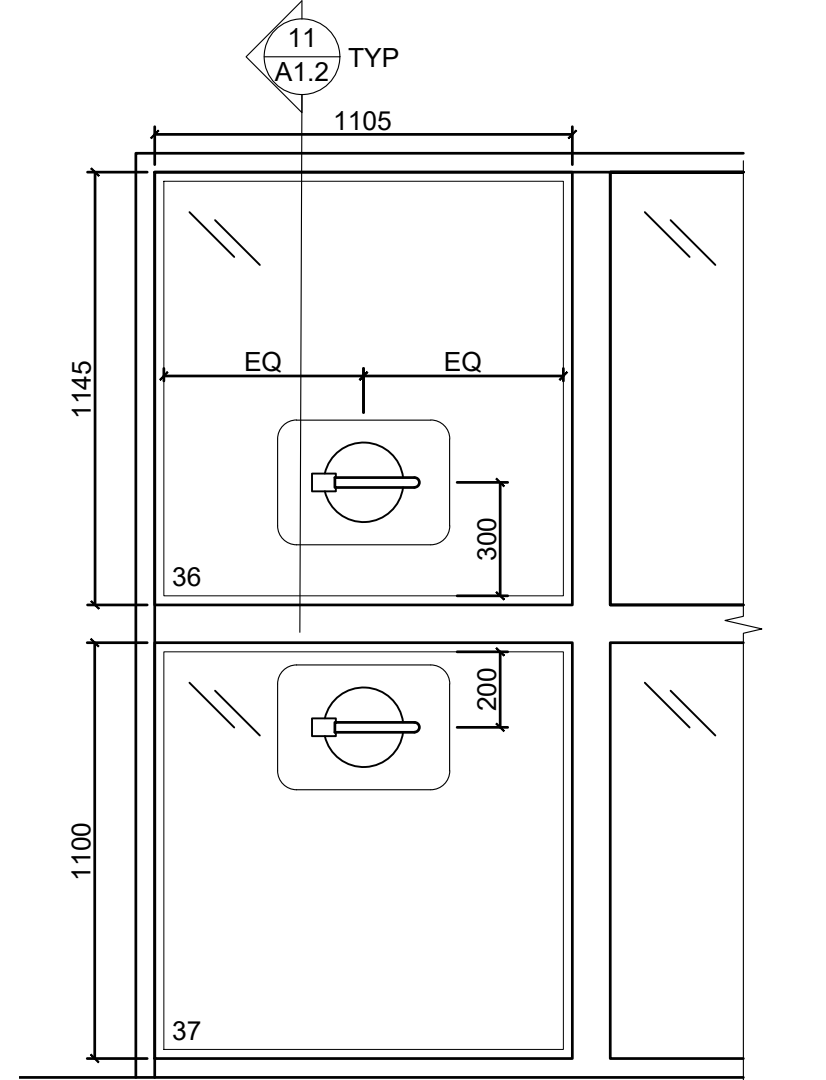
1 MAIN FLOOR PLAN
A1.0 / DRAWING SCALE 1:50

DENOTES WINDOW NUMBER

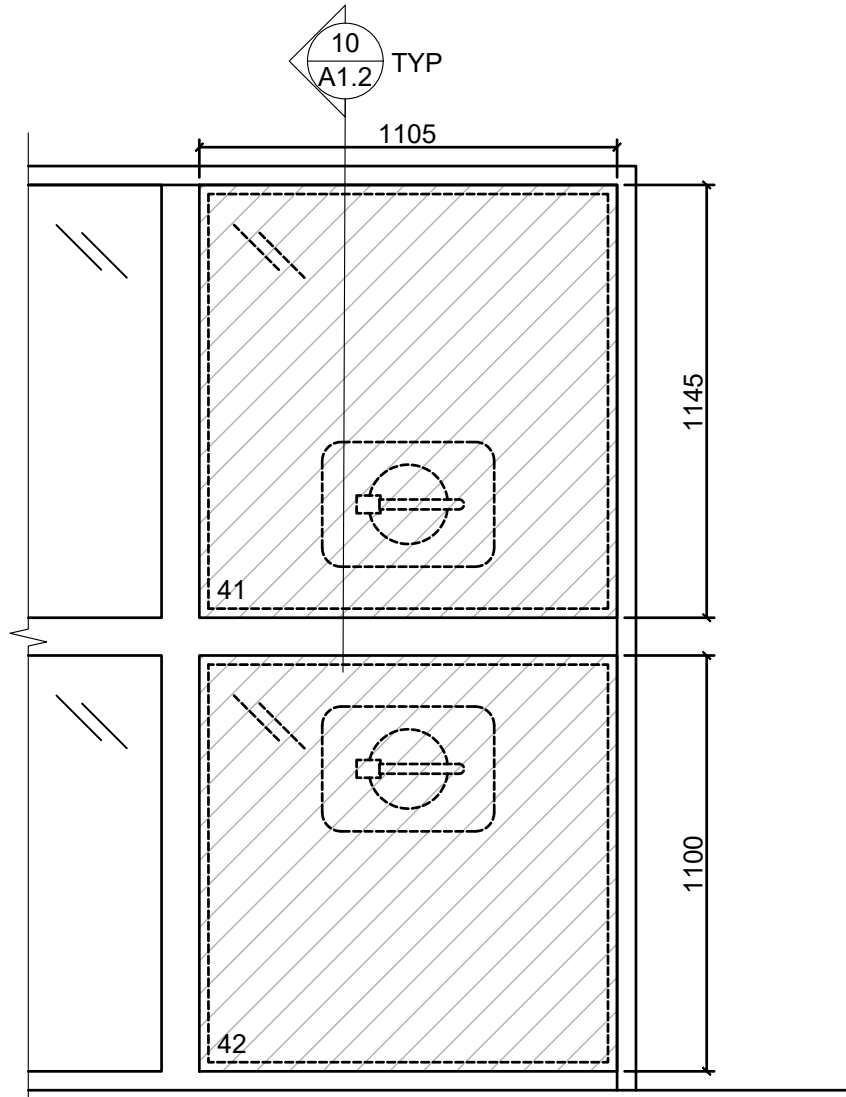
GLAZING TO BE REPLACED



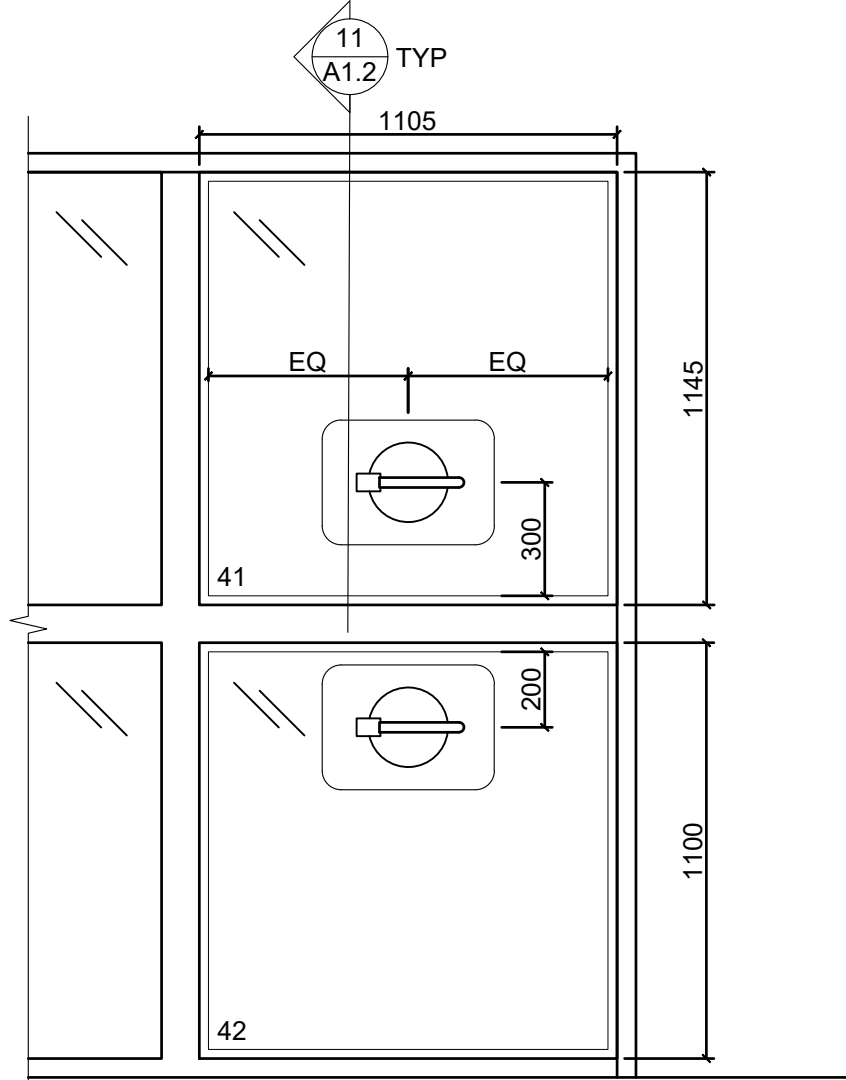
2 WINDOWS 36, 37 DEMOLITION
A1.1 / DRAWING SCALE 1:20



4 WINDOWS 36, 37 NEW CONSTRUCTION
A1.1 / DRAWING SCALE 1:20



3 WINDOWS 41, 42 DEMOLITION
A1.1 / DRAWING SCALE 1:20



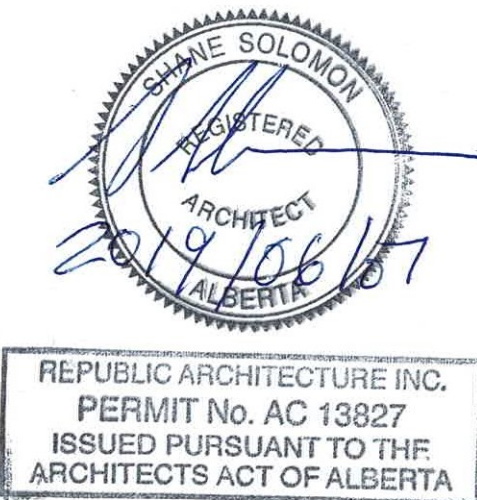
5 WINDOWS 41, 42 NEW CONSTRUCTION
A1.1 / DRAWING SCALE 1:20

DEMOLITION NOTES

- 1.REMOVE EXISTING GLAZING STOP AND SET ASIDE FOR RE-INSTALLATION.
- 2.REMOVE EXISTING GLAZING AND GUN PORTS AT AREAS INDICATED.

CONSTRUCTION NOTES

- 1.INSTALL NEW GLAZING AND GUN PORT ASSEMBLY AT AREAS INDICATED.
- 2.TOUCH UP PAINT IN AREAS AFFECTED BY CONSTRUCTION TO MATCH EXISTING.



5		
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Revision	Description	Date
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Client client

**CORRECTIONAL SERVICES
OF CANADA (CSC)
EDMONTON INSTITUTE**
EDMONTON, ALBERTA

Project Projet
**EDMONTON, ALBERTA
21611 MERIDIAN STREET
EDMONTON INSTITUTION**

**GUN PORT REPLACEMENT,
RETROFIT AND
MODERNIZATION**

Designed by Conçu par

NOAH JACOBSON

Drawn by Dessiné par

MELANIE PRATT

Approved by Approuvé par

CRISTINA BUSTAMANTE

PWGSC Project Manager Administrateur de Projets TPSGC

JOHN SHORT

Drawing Title Titre du dessin

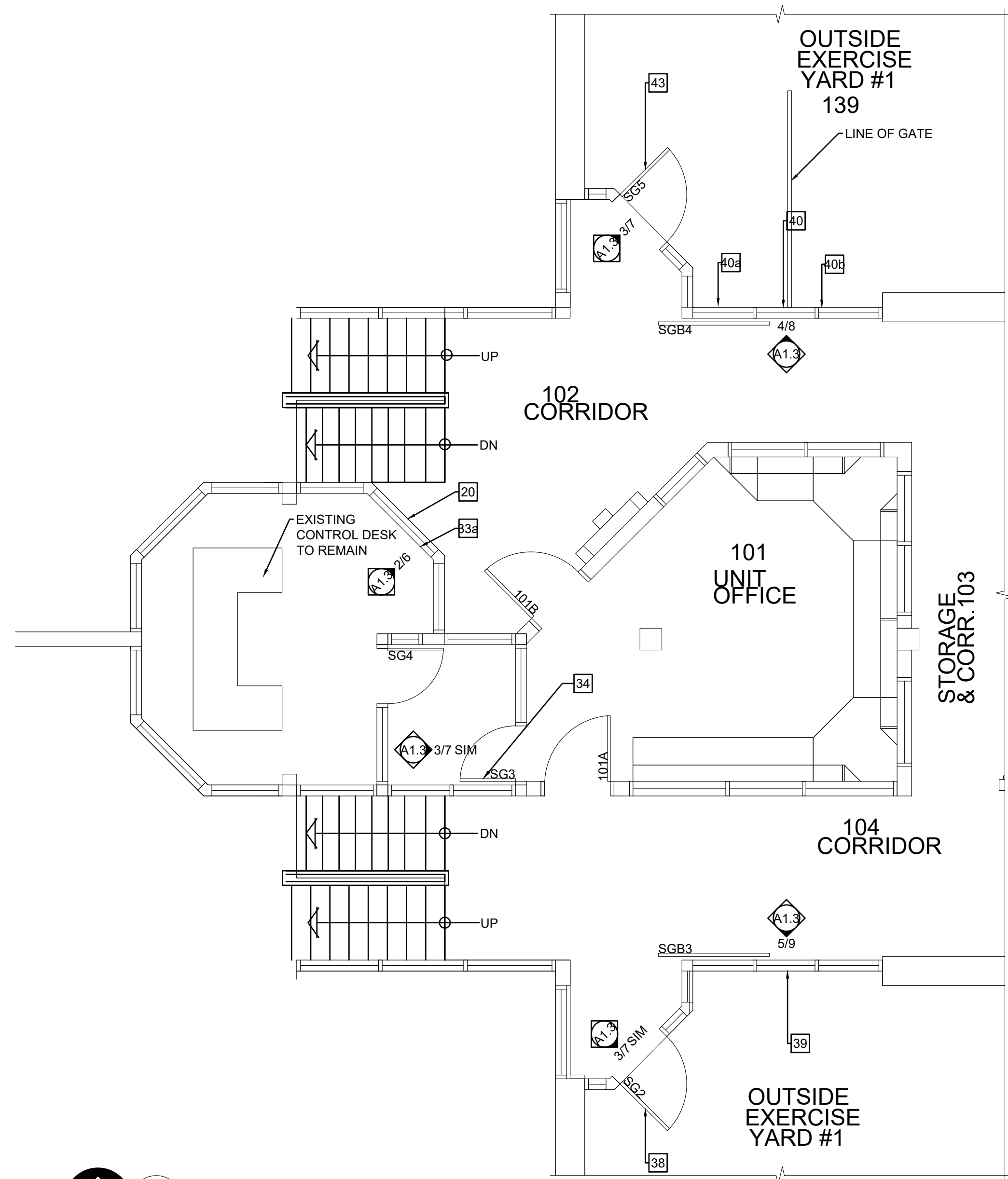
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CSC PROJECT NO. 539-2704**

Project no./No. du projet Drawing no./No. du dessin Revision no.

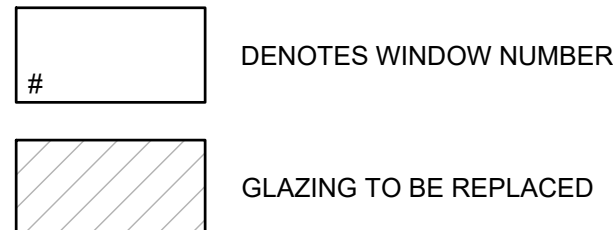
R.091022.001

A1.1
OF 9

4



1 MAIN FLOOR PLAN
A1.2 / DRAWING SCALE 1:50

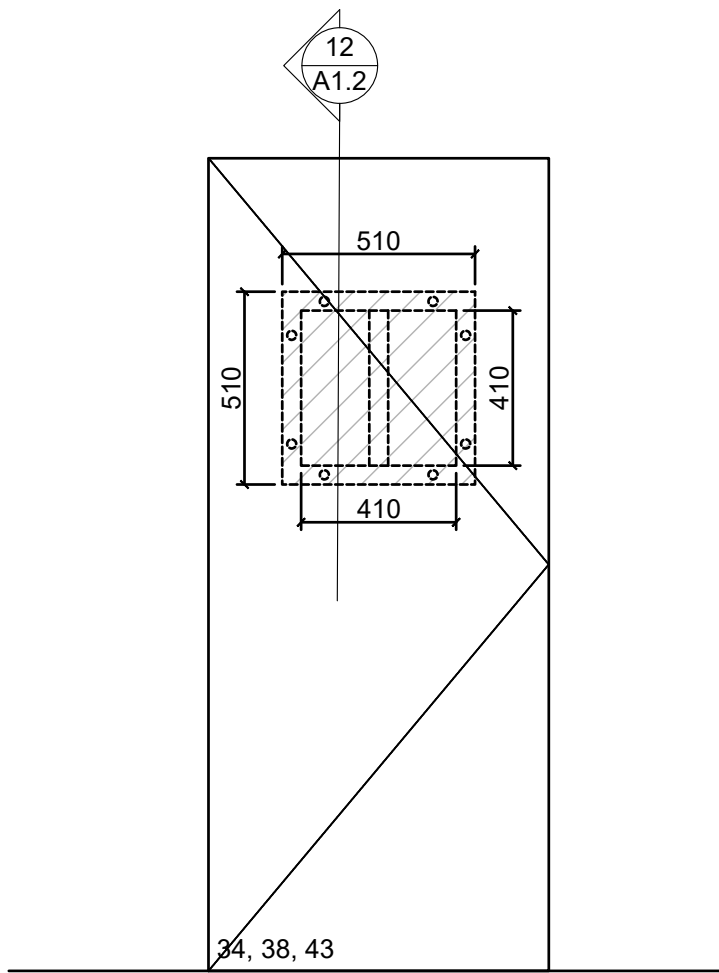


DEMOLITION NOTES

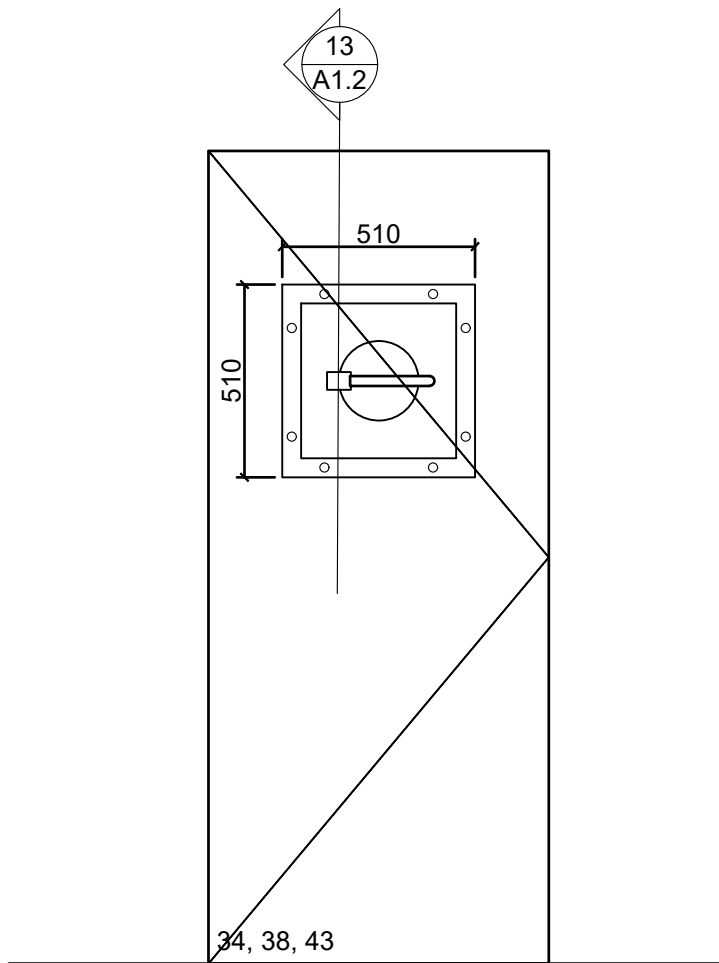
1. REMOVE EXISTING GLAZING STOP AND SET ASIDE FOR RE-INSTALLATION.
2. REMOVE EXISTING GLAZING AND GUN PORTS AT AREAS INDICATED.

CONSTRUCTION NOTES

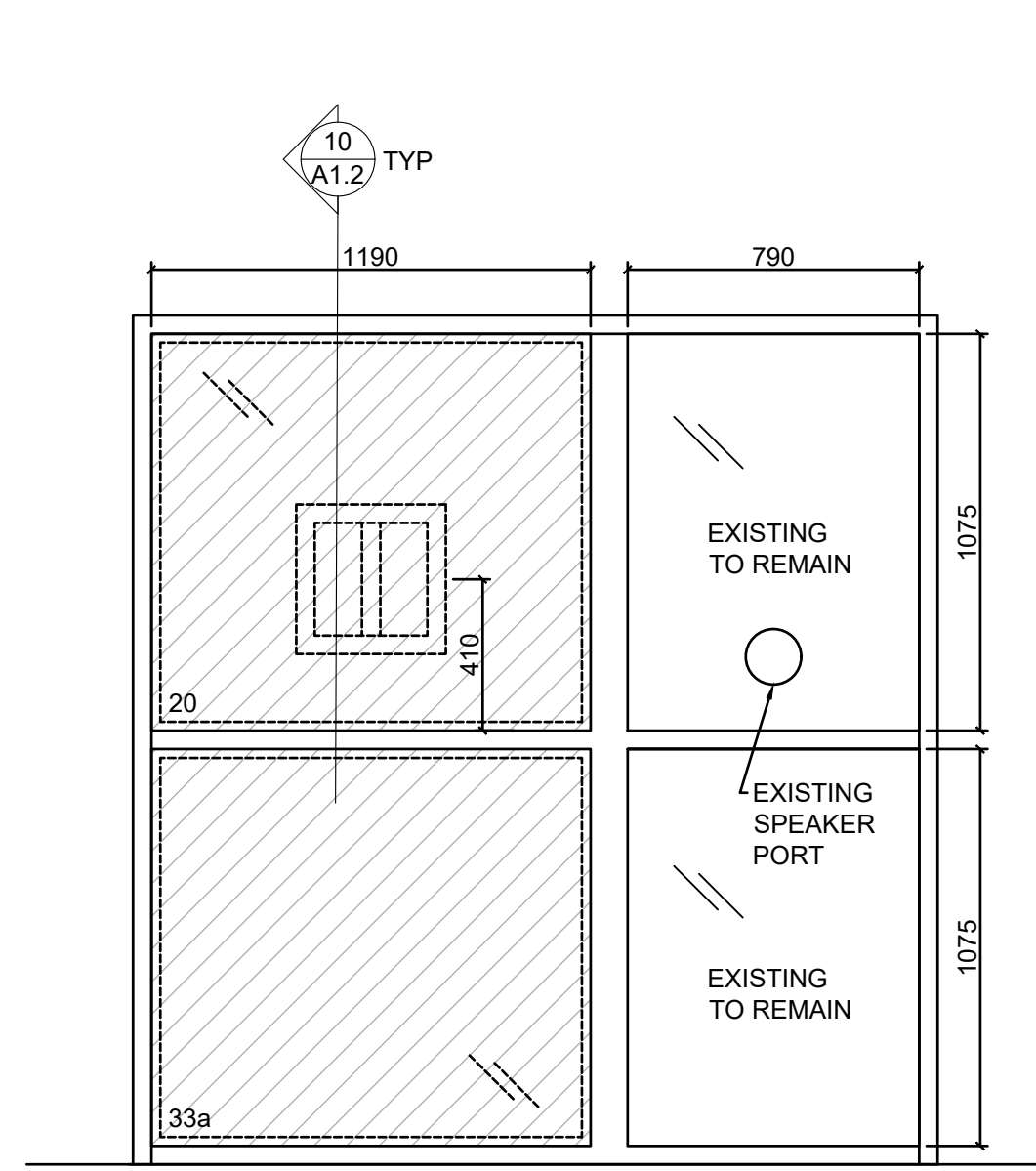
1. INSTALL NEW GLAZING AND GUN PORT ASSEMBLY AT AREAS INDICATED.
2. TOUCH UP PAINT IN AREAS AFFECTED BY CONSTRUCTION TO MATCH EXISTING.



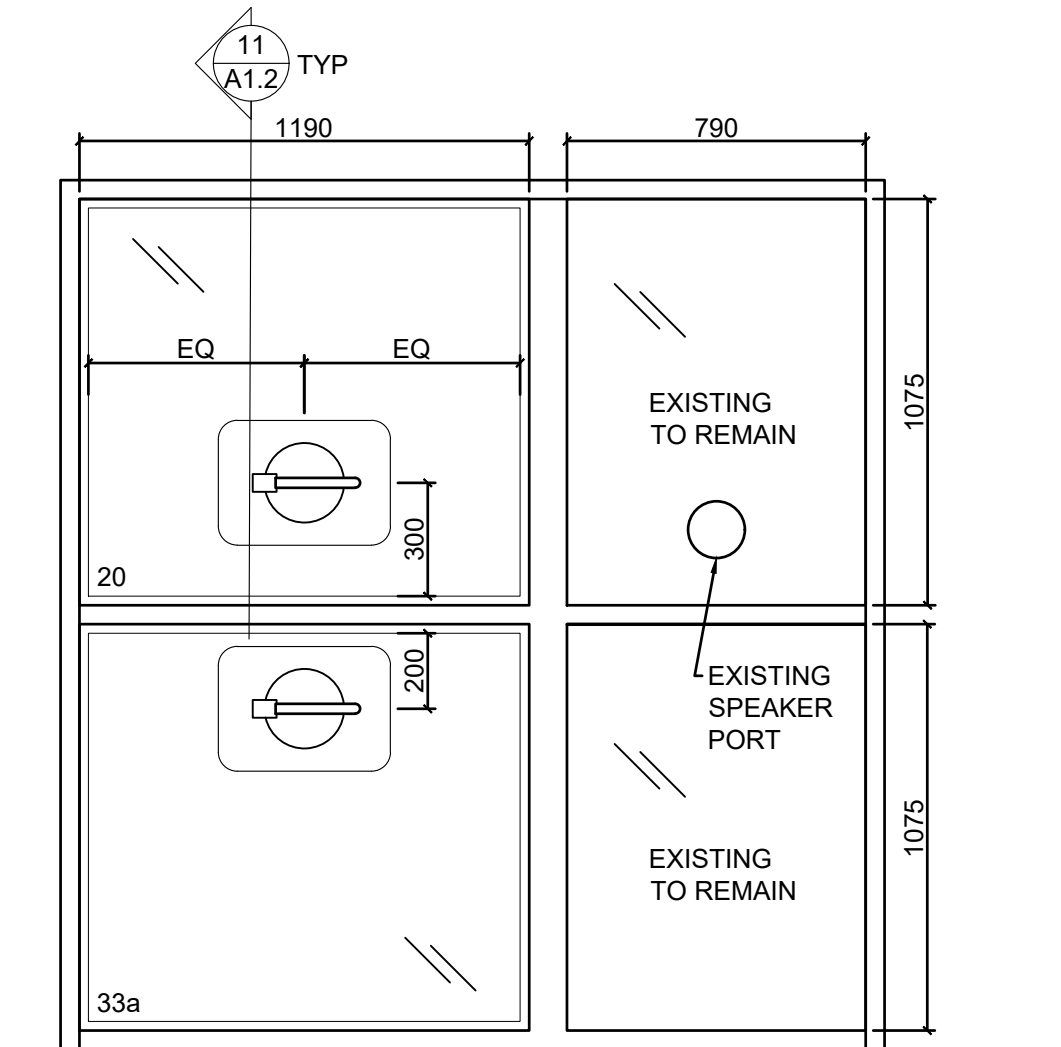
3 TYPICAL DOOR DEMOLITION
A1.2 / DRAWING SCALE 1:20



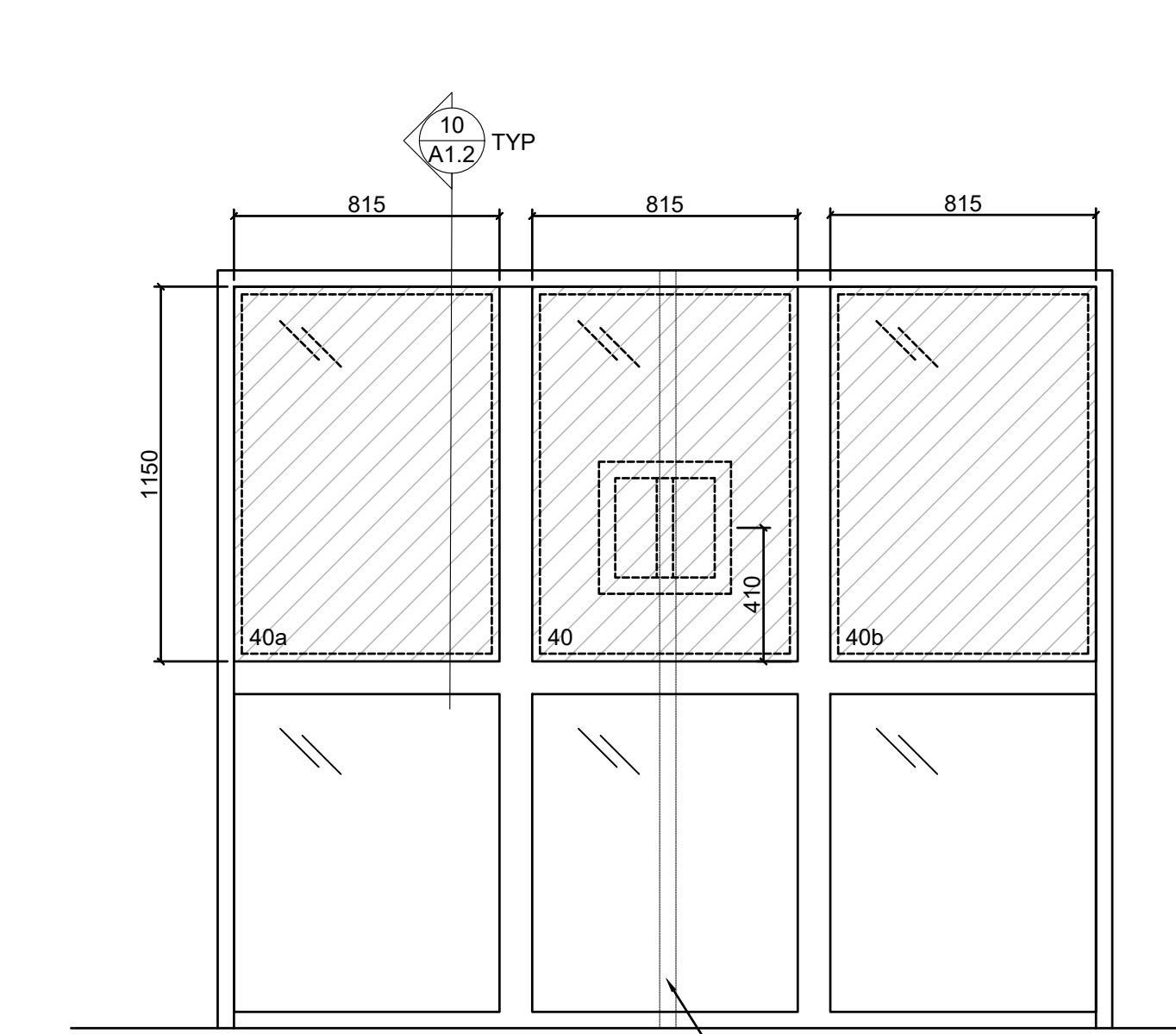
7 TYPICAL DOOR NEW CONSTRUCTION
A1.2 / DRAWING SCALE 1:20



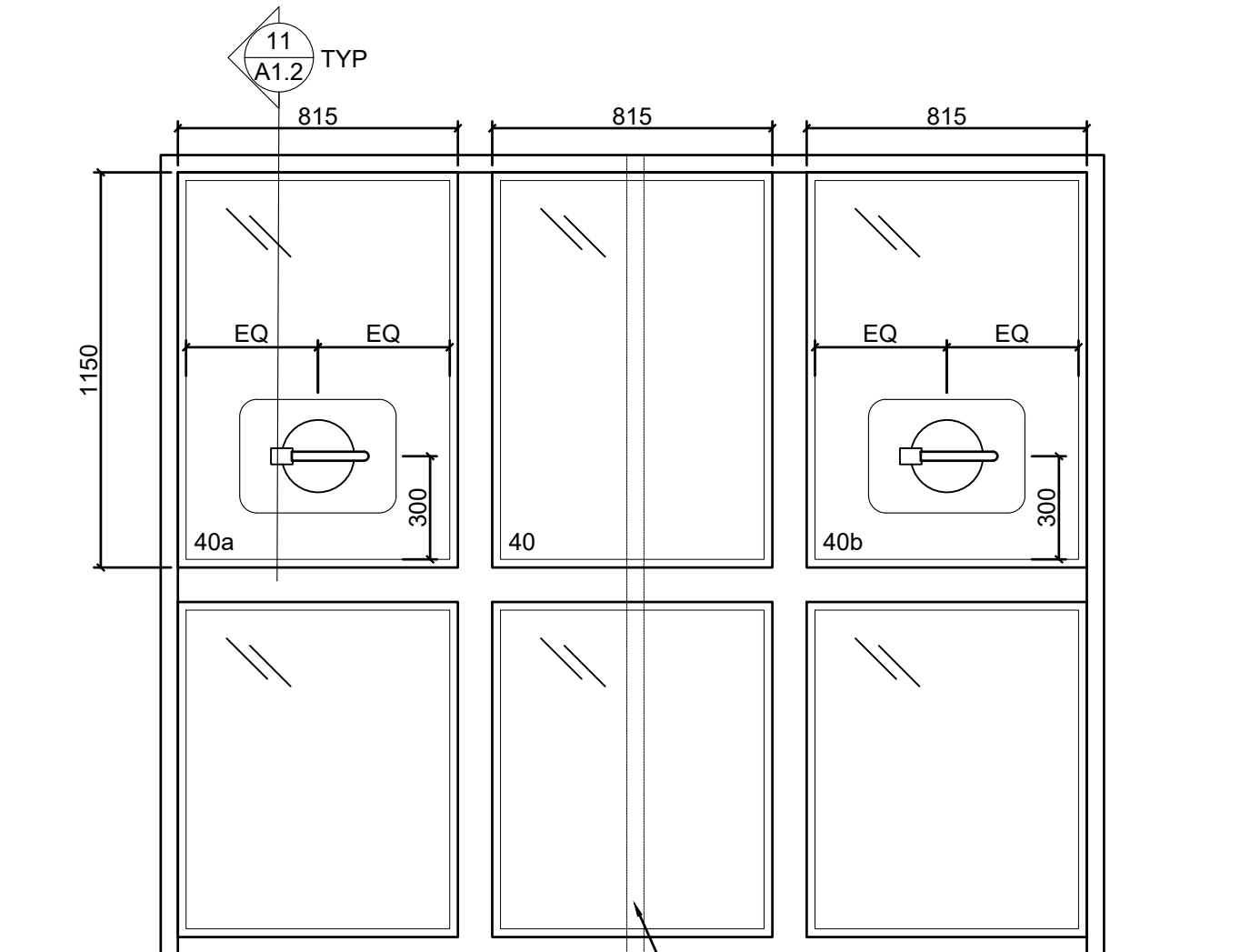
2 WINDOWS 20, 33a DEMOLITION
A1.2 / DRAWING SCALE 1:20



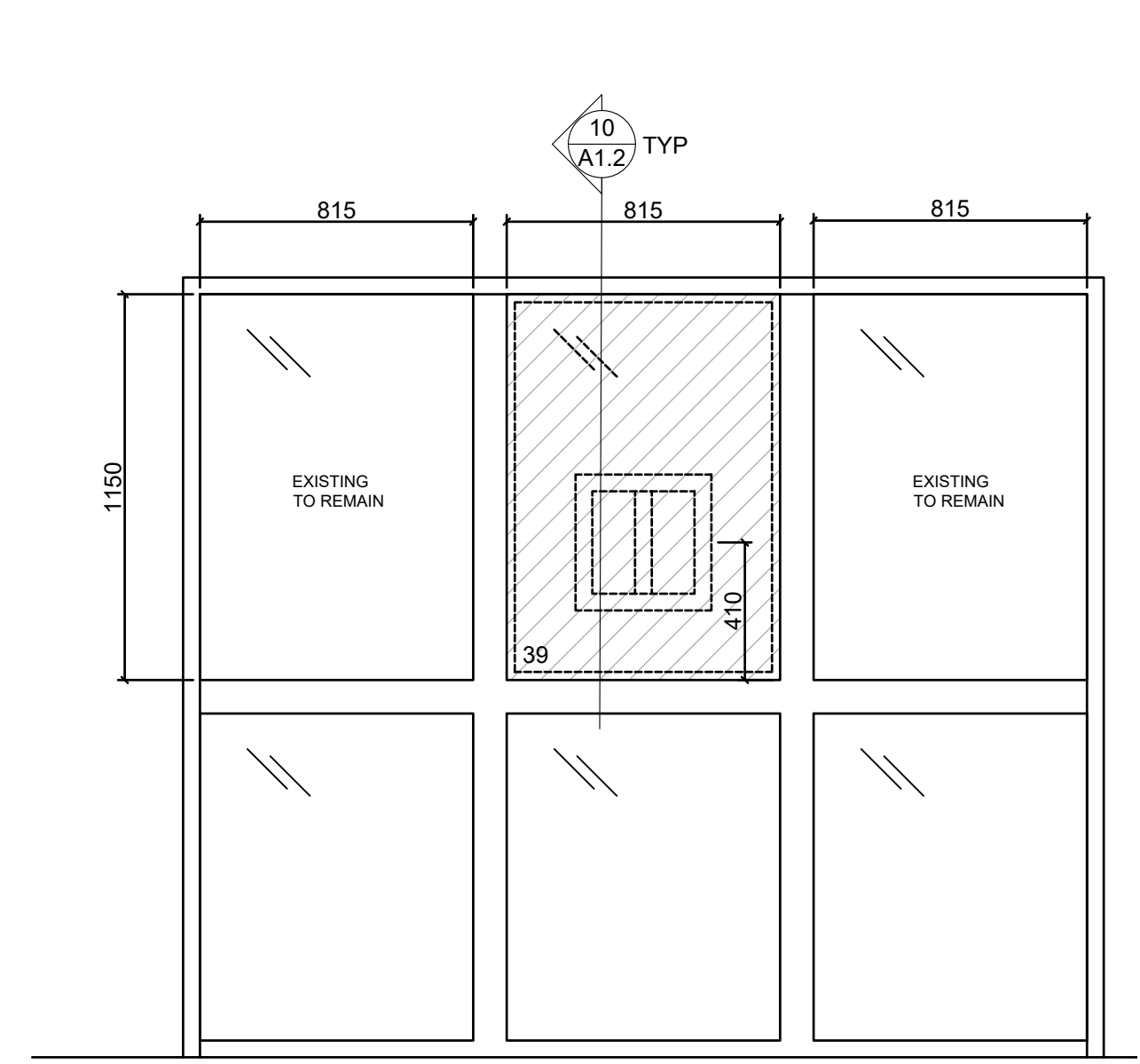
6 WINDOWS 20, 33a NEW CONSTRUCTION
A1.2 / DRAWING SCALE 1:20



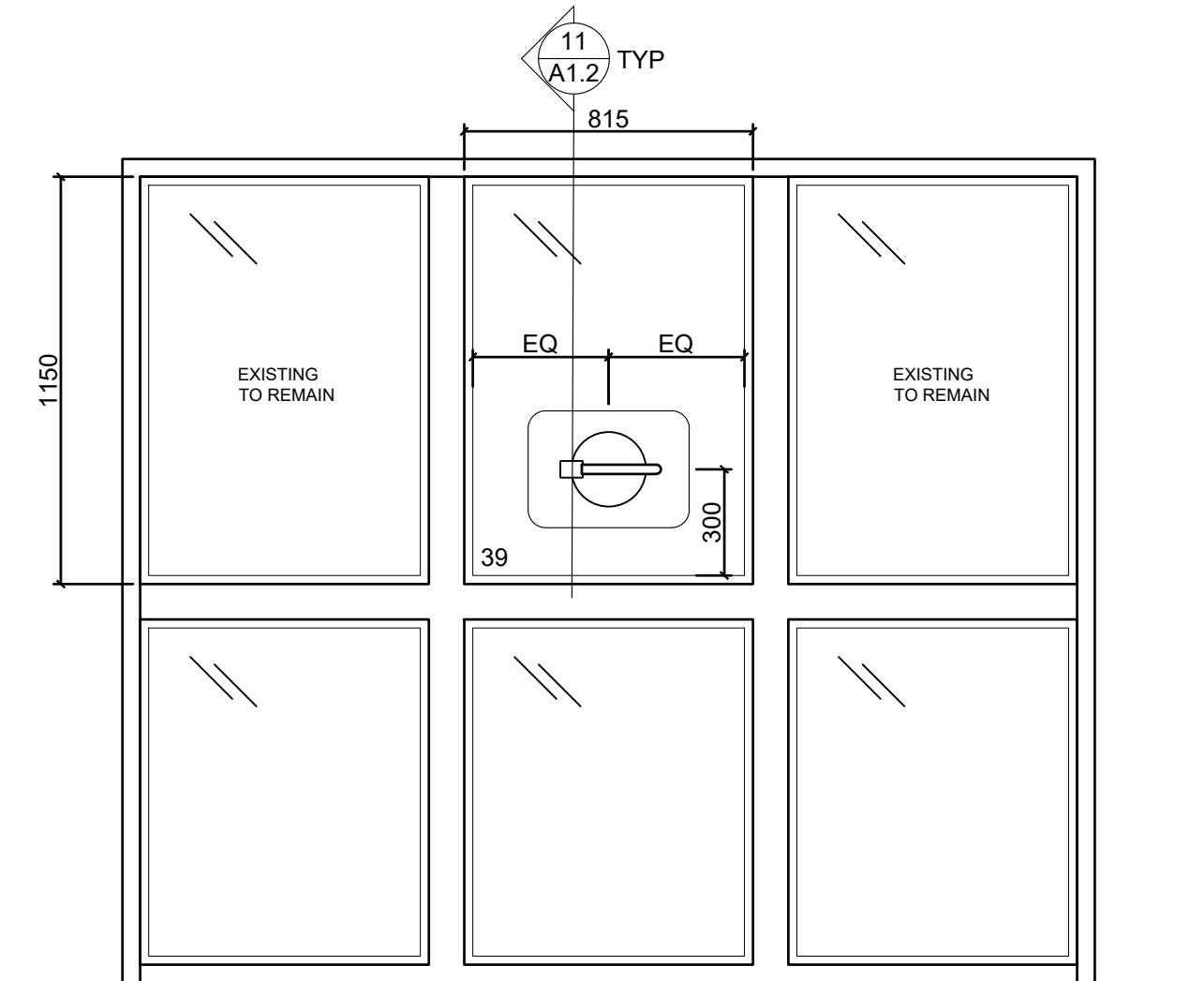
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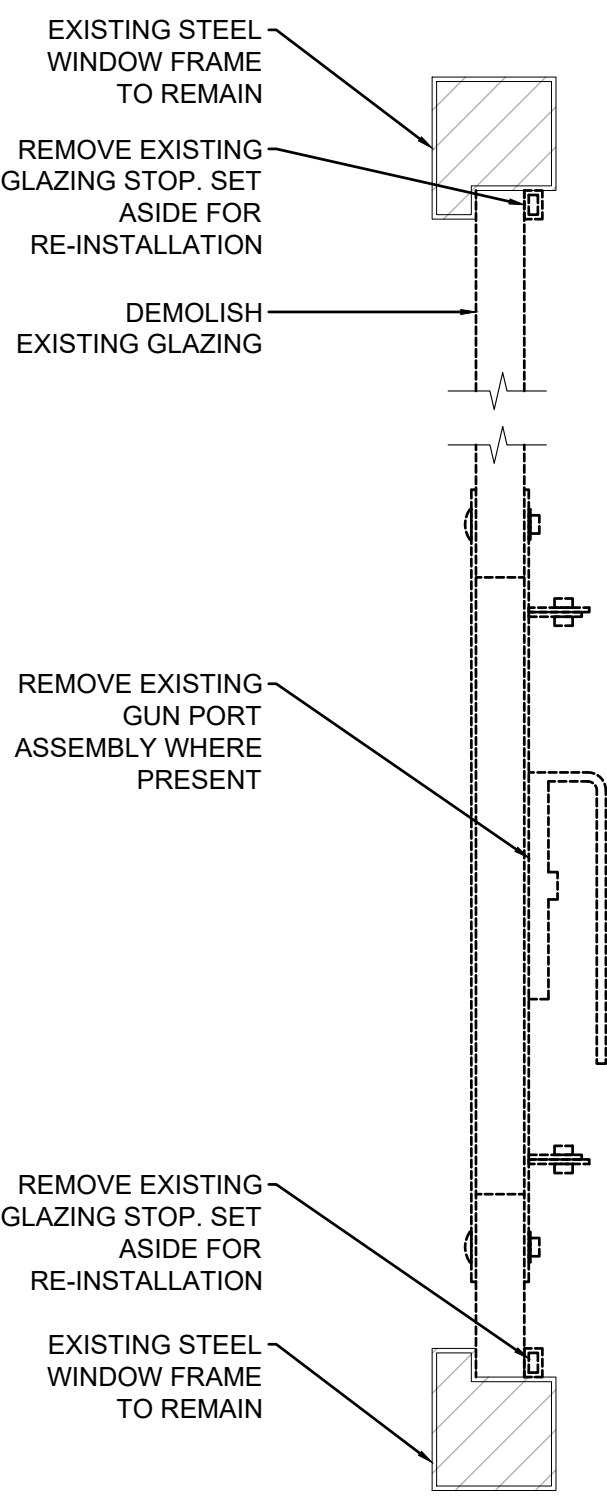
8 WINDOWS 40, 40a, 40b NEW CONSTRUCTION
A1.2 / DRAWING SCALE 1:20



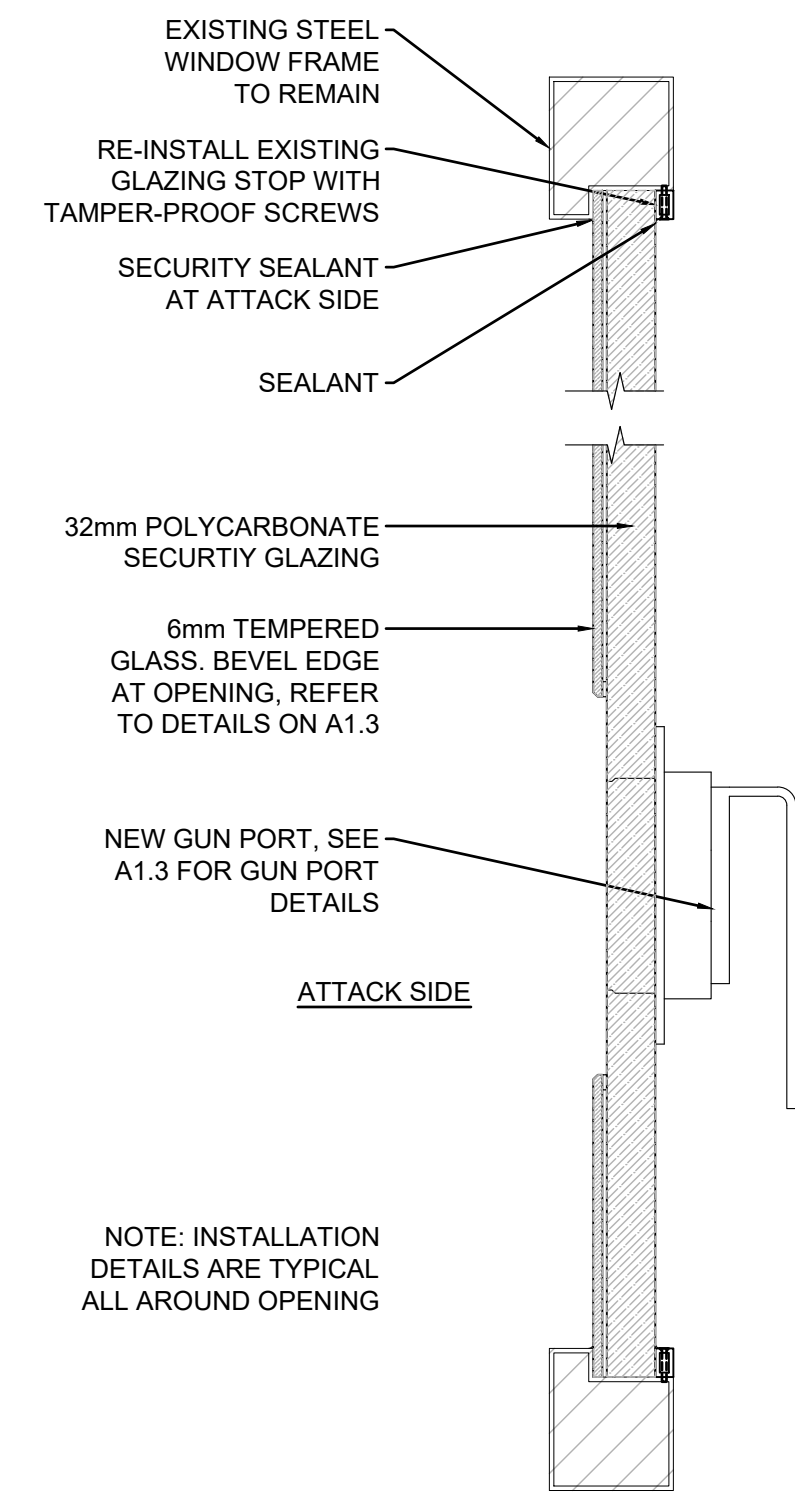
5 WINDOW 39 DEMOLITION
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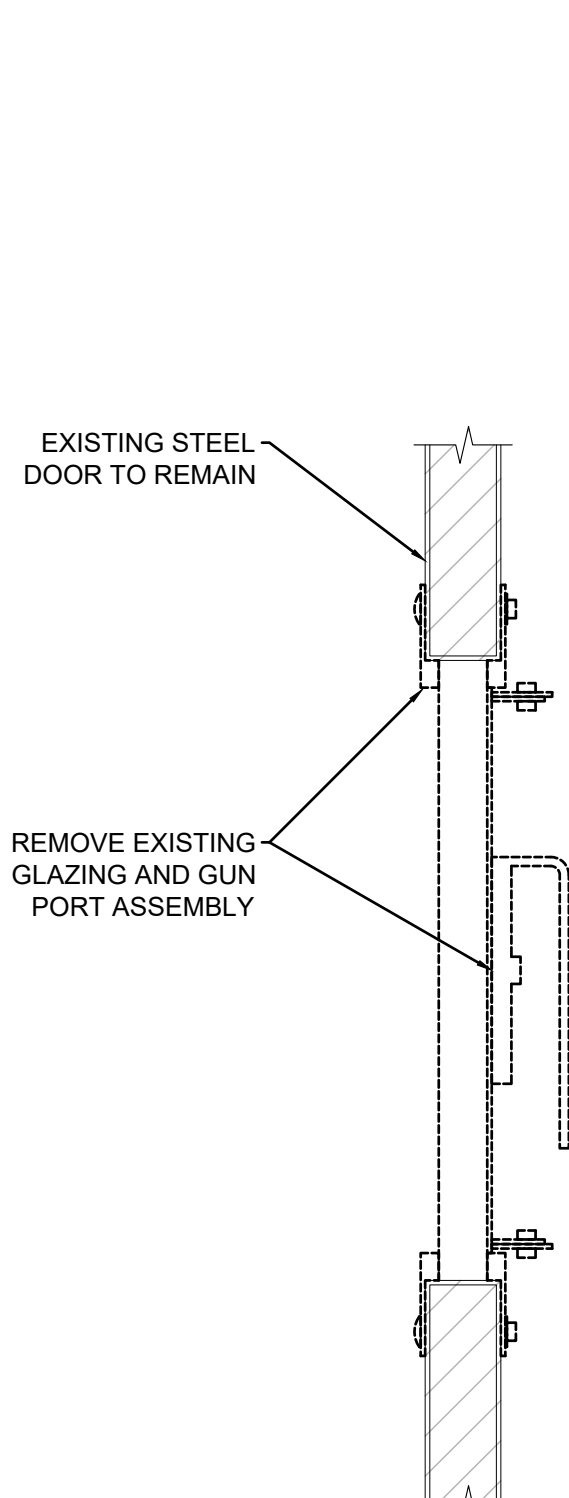
9 WINDOW 39 NEW CONSTRUCTION
A1.2 / DRAWING SCALE 1:20



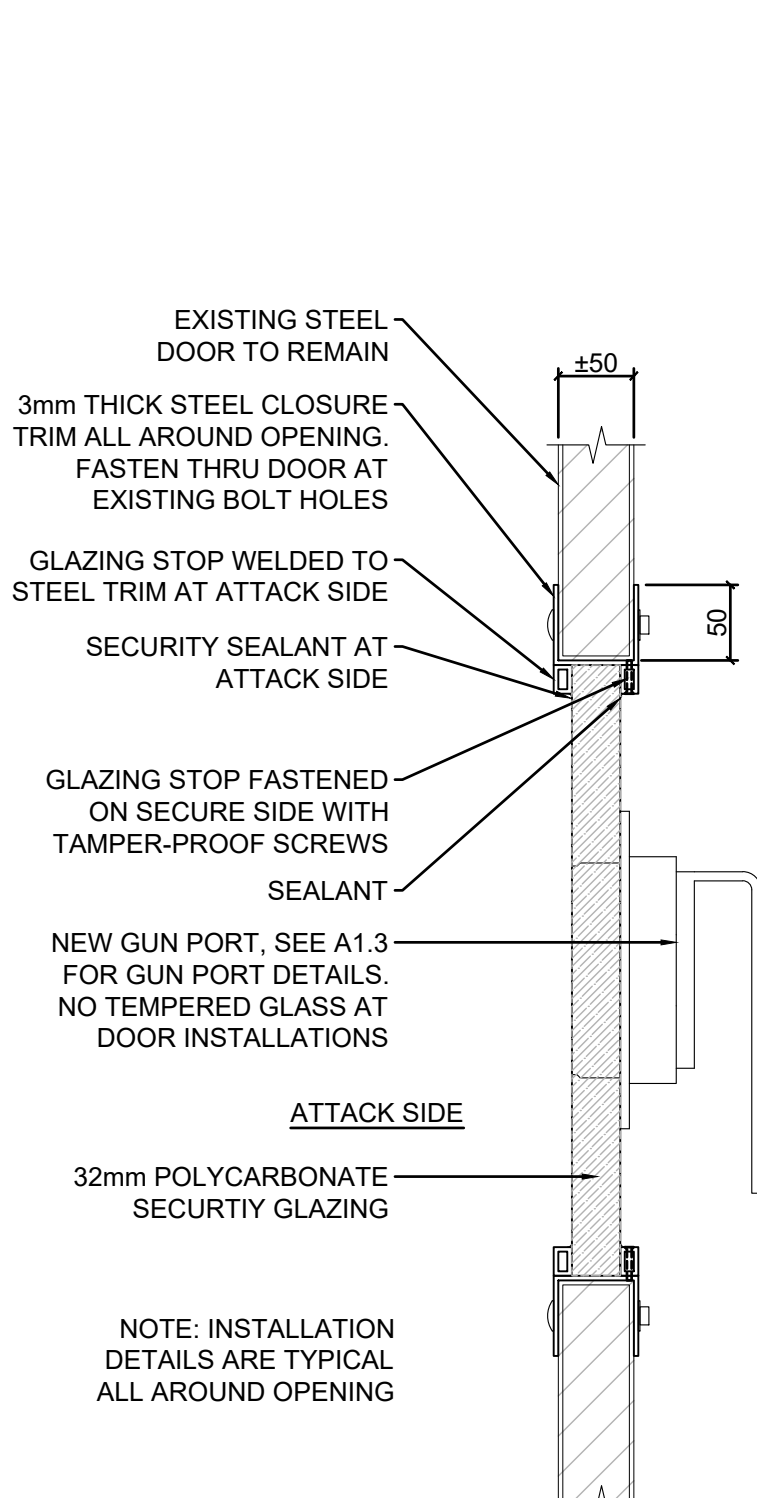
10 TYPICAL GUN PORT IN GLAZING
SECTION DETAIL - DEMOLITION
A1.2 / DRAWING SCALE 1:5



11 TYPICAL GUN PORT IN GLAZING
SECTION DETAIL - NEW CONSTRUCTION
A1.2 / DRAWING SCALE 1:5



12 TYPICAL GUN PORT IN DOOR
SECTION DETAIL - DEMOLITION
A1.2 / DRAWING SCALE 1:5



13 TYPICAL GUN PORT IN DOOR
SECTION DETAIL - NEW CONSTRUCTION
A1.2 / DRAWING SCALE 1:5



REPUBLIC ARCHITECTURE INC.
PERMIT No. AC 13827
ISSUED PURSUANT TO THE
ARCHITECTS ACT OF ALBERTA

5		
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1	66% CONSTRUCTION DOCUMENTS	2018/12/21
0	DESIGN DEVELOPMENT	2018/11/06

Revision	Description	Date
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Client client

CORRECTIONAL SERVICES OF CANADA (CSC) EDMONTON INSTITUTE EDMONTON, ALBERTA

Project Proj

EDMONTON, ALBERTA
21611 MERIDIAN STREET
EDMONTON INSTITUTE

GUN PORT REPLACEMENT, RETROFIT AND MODERNIZATION

Designed by Conçu par

NOAH JACOBSON

Drawn by Dessiné par

MELANIE PRATT

Approved by Approuvé par

CRISTINA BUSTAMANTE

PWGSC Project Manager Administrateur de Projets TPSGC

JOHN SHORT

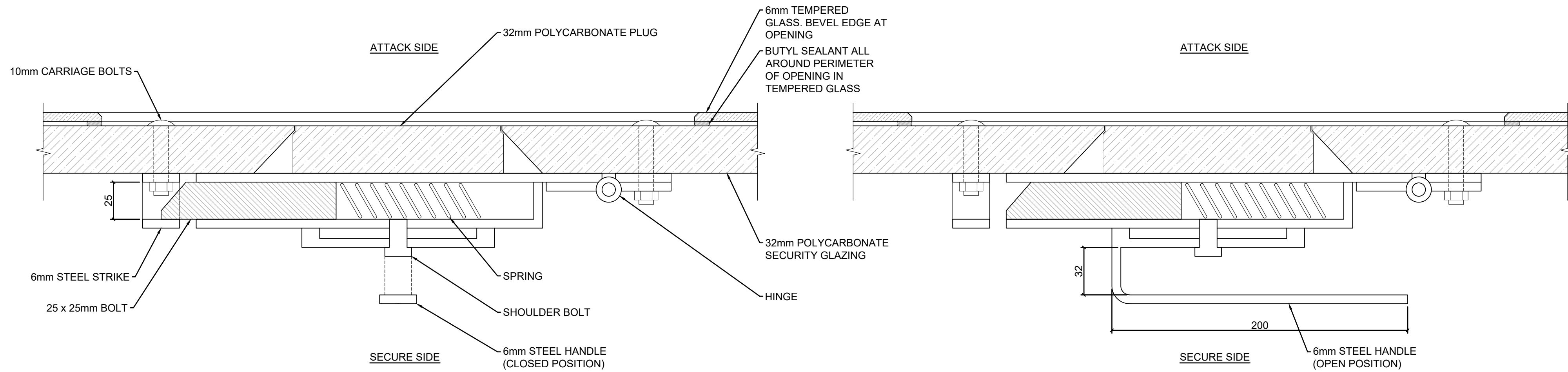
Drawing title Titre du dessin

GROUND FLOOR AREA:
CSC PROJECT NO. 539-3605

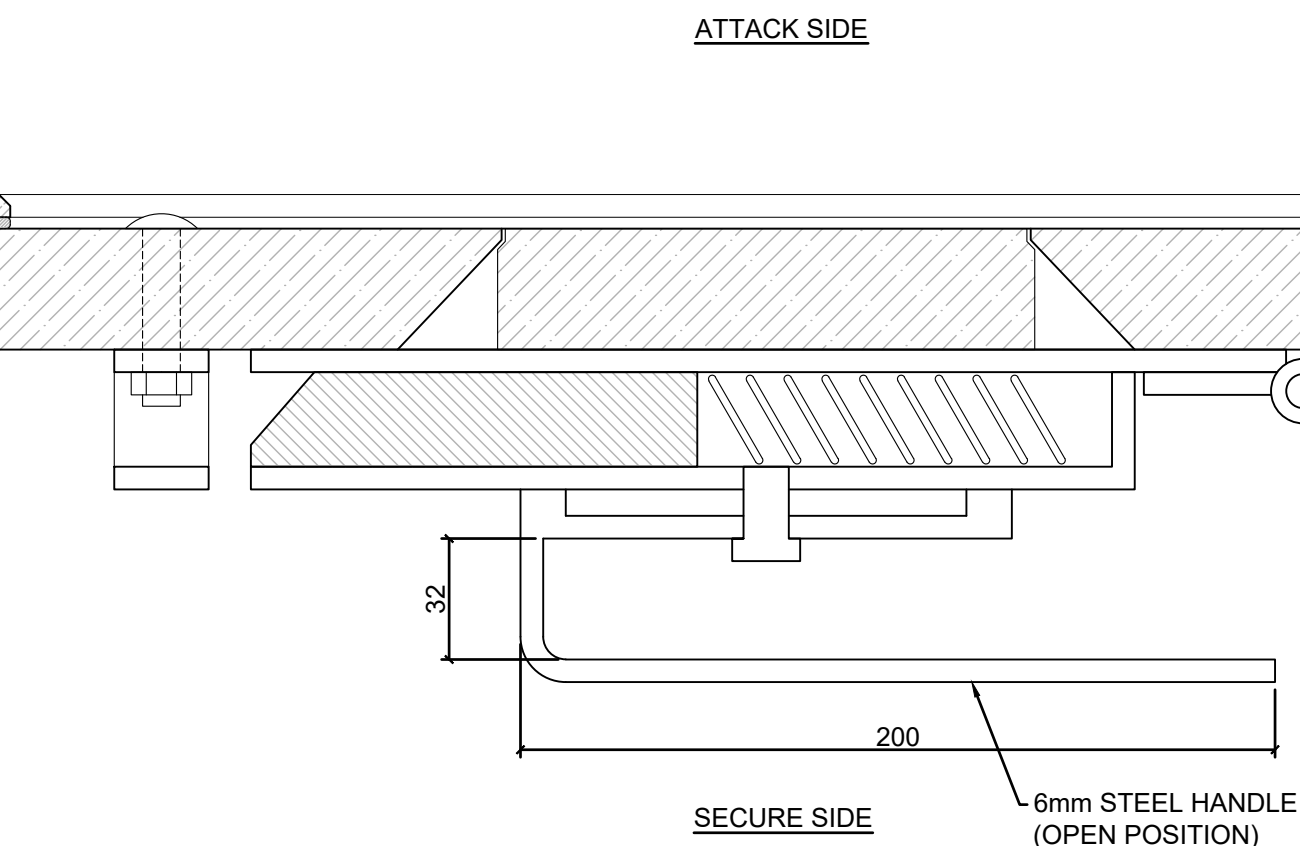
Project no./No. du projet Drawing no./No. du dessin Revision no.

R.091022.001 A1.2 4

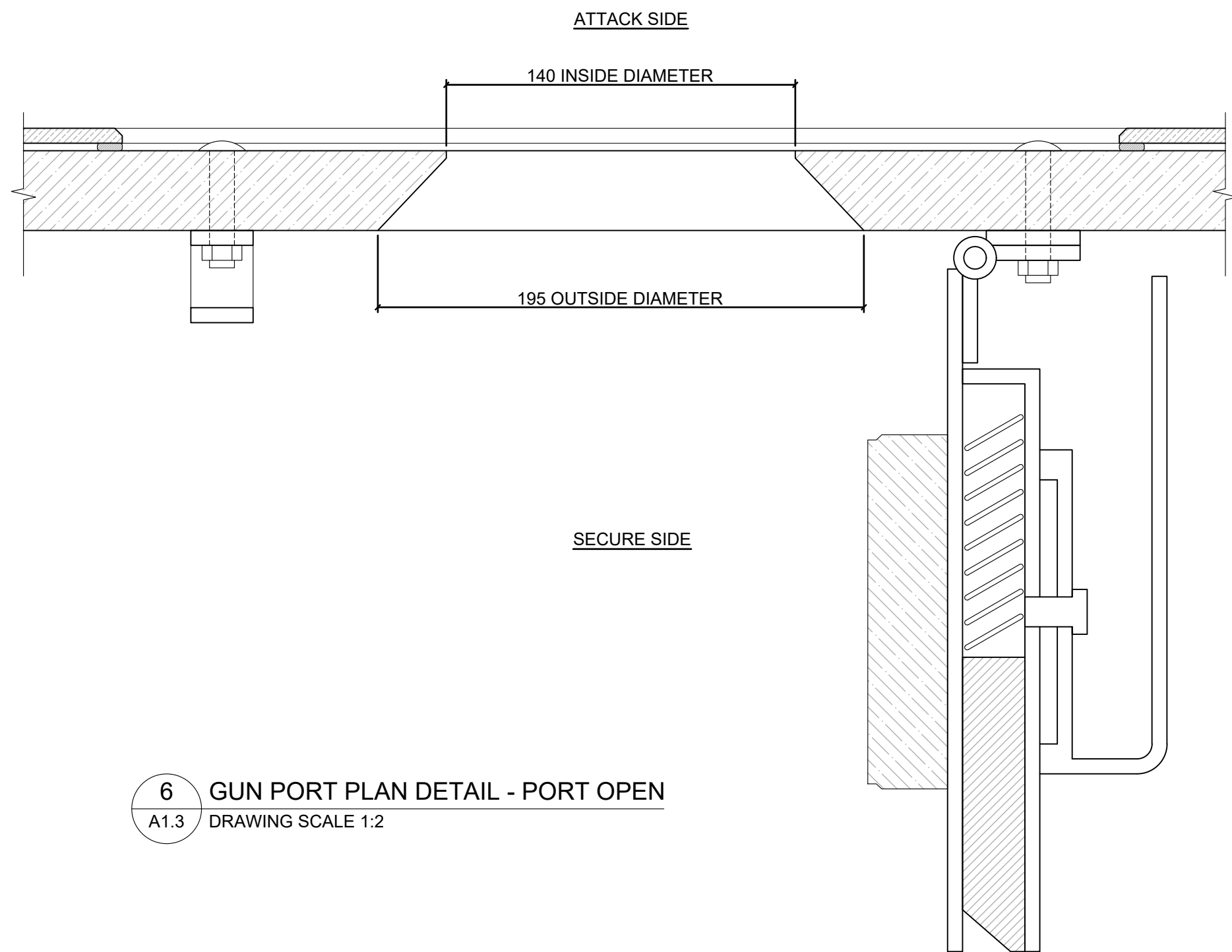
OF 9



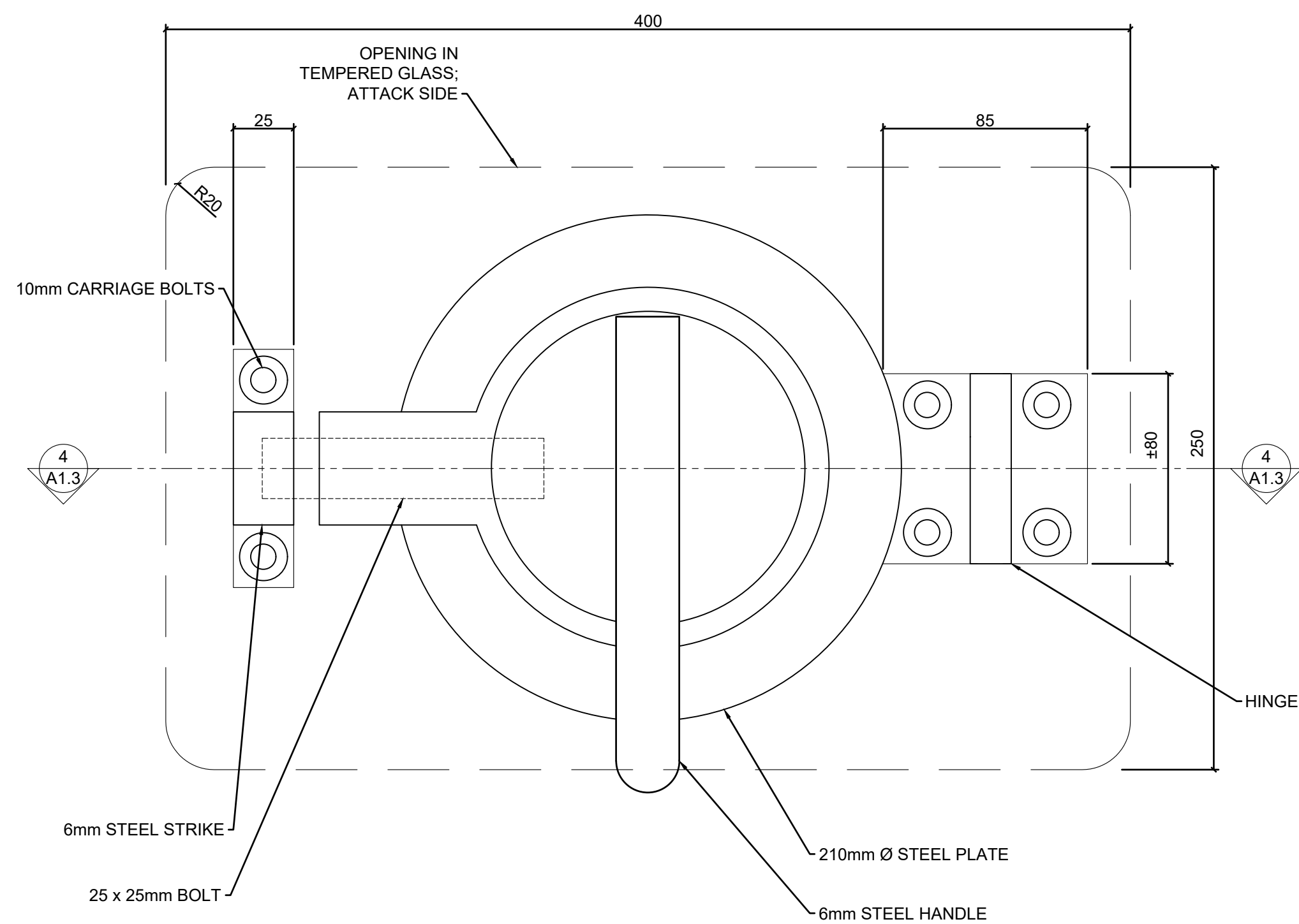
4 GUN PORT PLAN DETAIL - CATCH BOLT EXTENDED
A1.3 / DRAWING SCALE 1:2



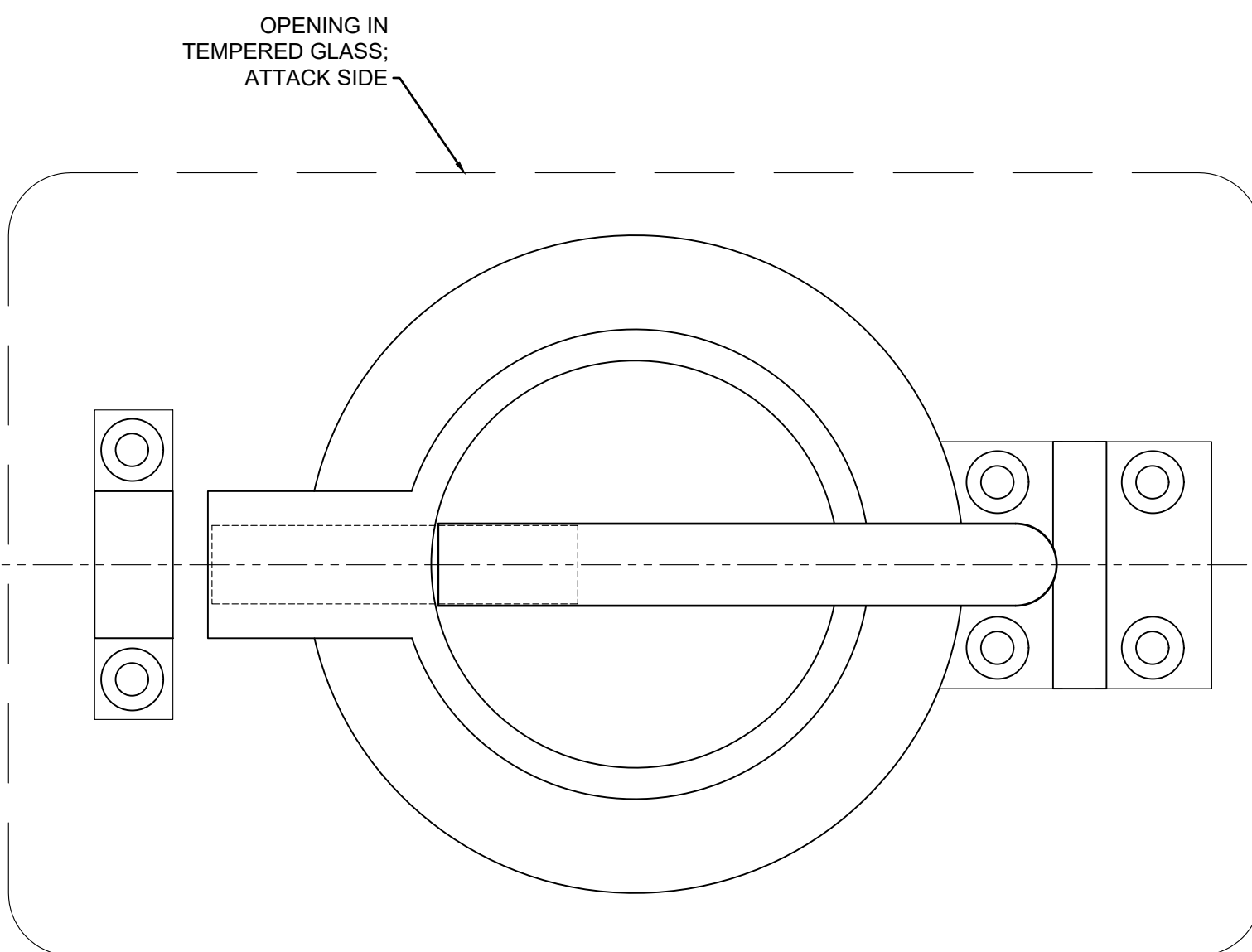
5 GUN PORT PLAN DETAIL - CATCH BOLT RETRACTED
A1.3 / DRAWING SCALE 1:2



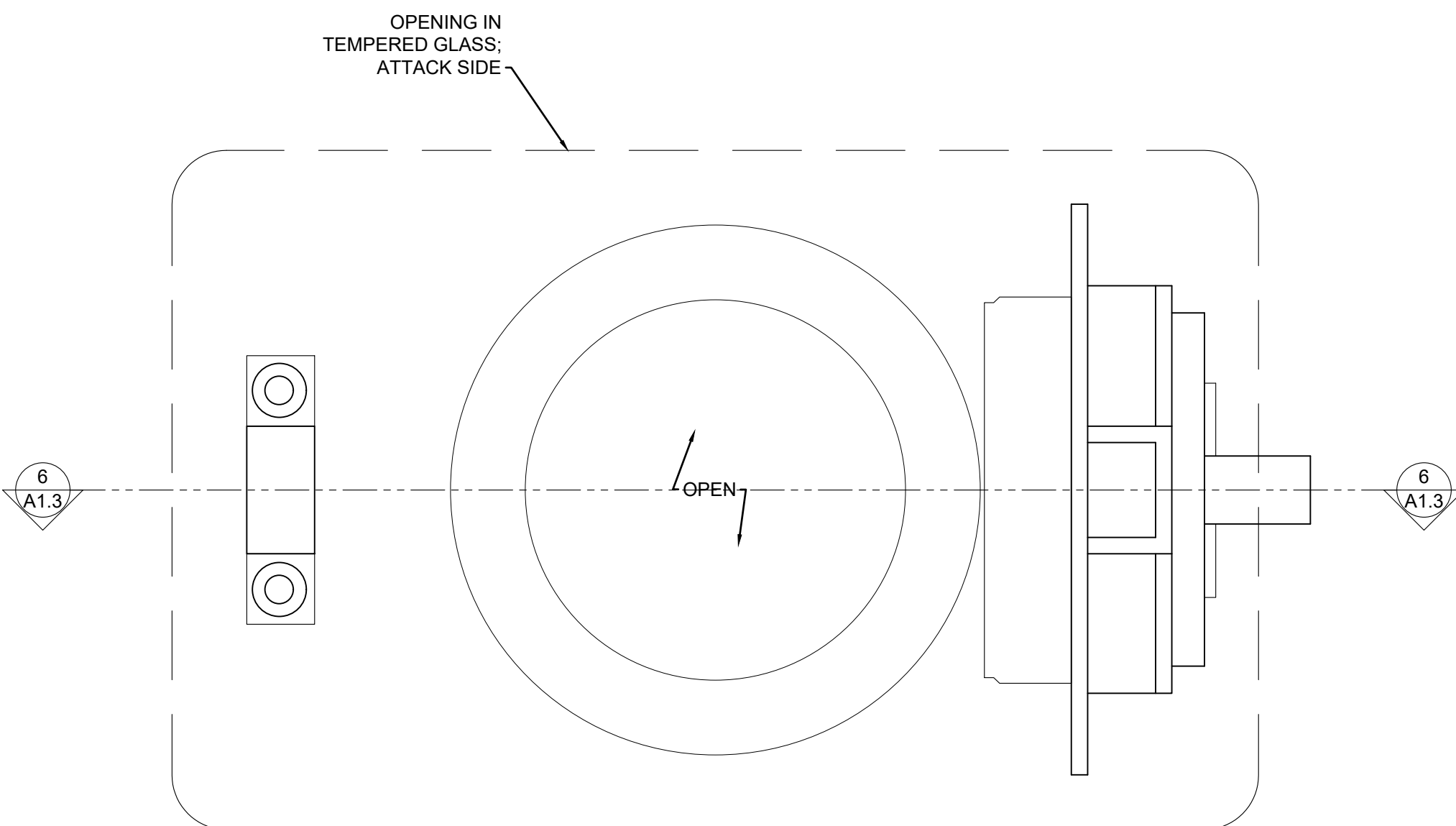
6 GUN PORT PLAN DETAIL - PORT OPEN
A1.3 / DRAWING SCALE 1:2



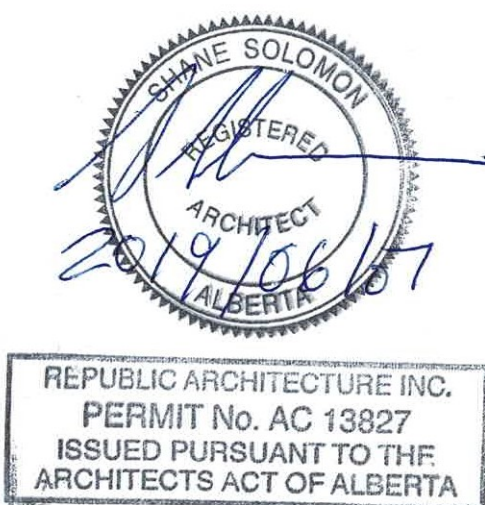
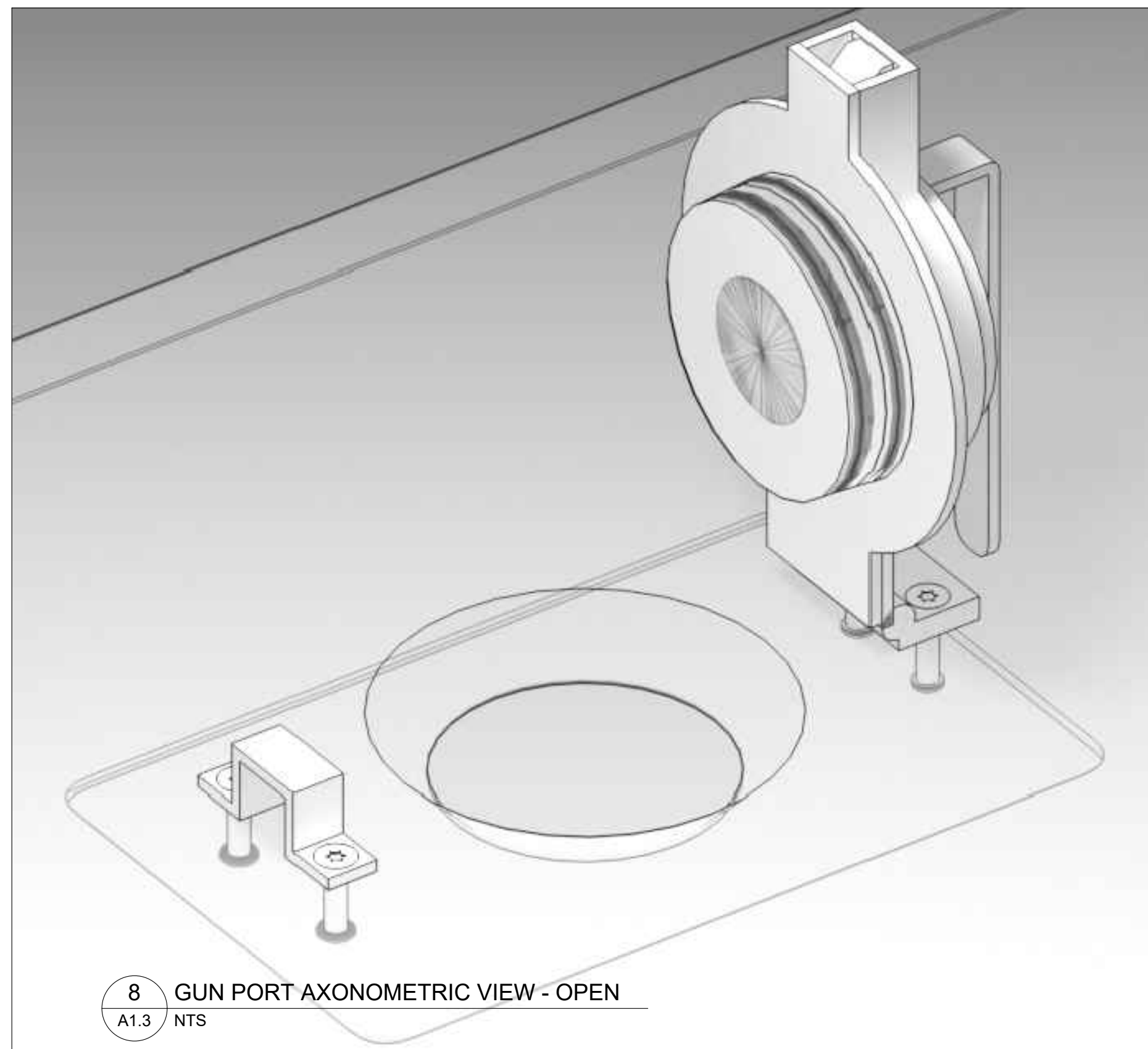
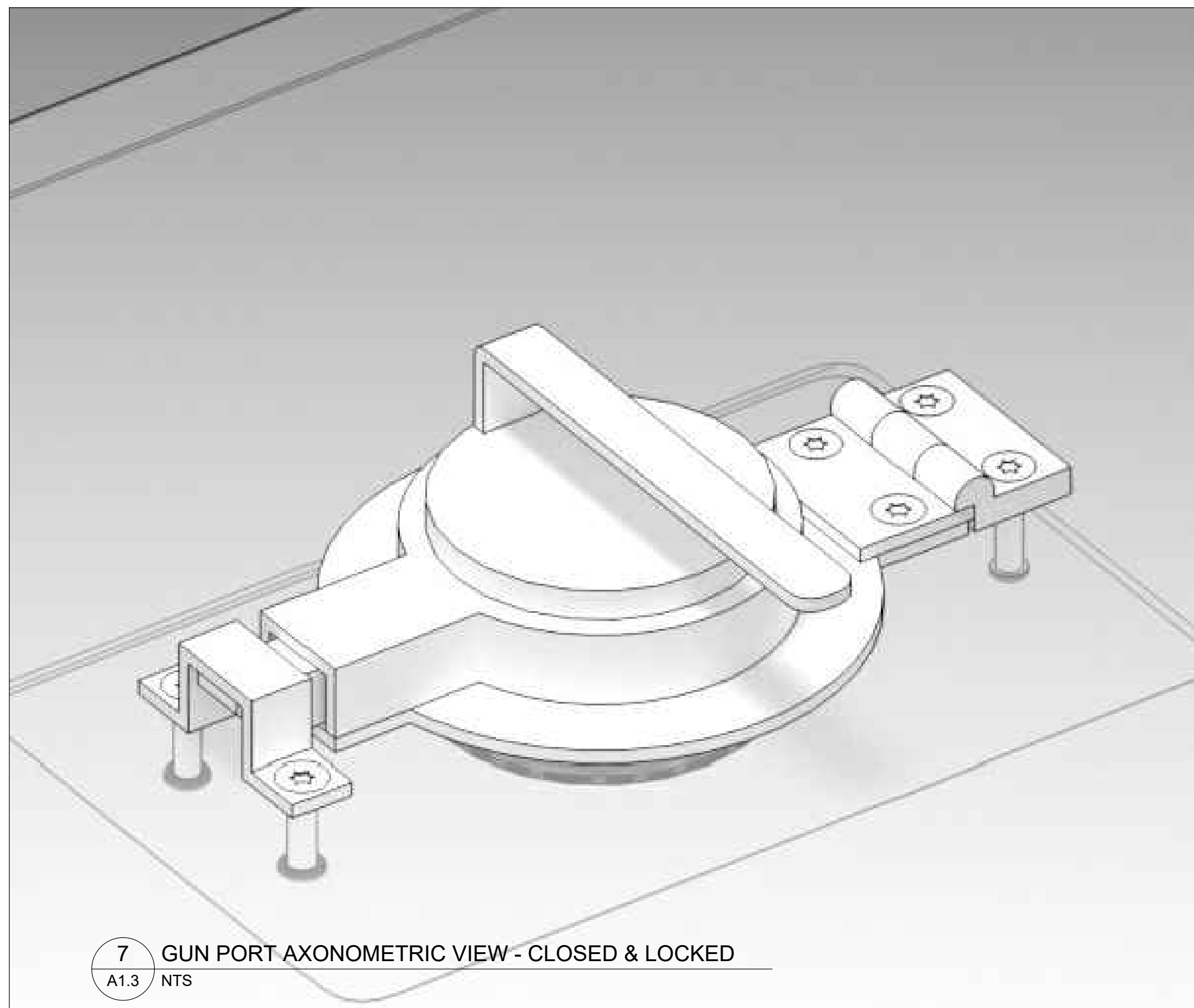
1 GUN PORT ELEVATION - SECURE SIDE, CATCH BOLT EXTENDED
A1.3 / DRAWING SCALE 1:2



2 GUN PORT ELEVATION - SECURE SIDE, CATCH BOLT RETRACTED
A1.3 / DRAWING SCALE 1:2



3 GUN PORT ELEVATION - SECURE SIDE, PORT OPEN
A1.3 / DRAWING SCALE 1:2



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Client client

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EDMONTON, ALBERTA

Project Projet
**EDMONTON, ALBERTA
21611 MERIDIAN STREET
EDMONTON INSTITUTE**

**GUN PORT REPLACEMENT,
RETROFIT AND
MODERNIZATION**

Designed by Conçu par

NOAH JACOBSON

Drawn by Dessiné par

MELANIE PRATT

Approved by Approuvé par

CRISTINA BUSTAMANTE

PWGSC Project Manager Administrateur de Projets TPSGC

JOHN SHORT

Drawing title Titre du dessin

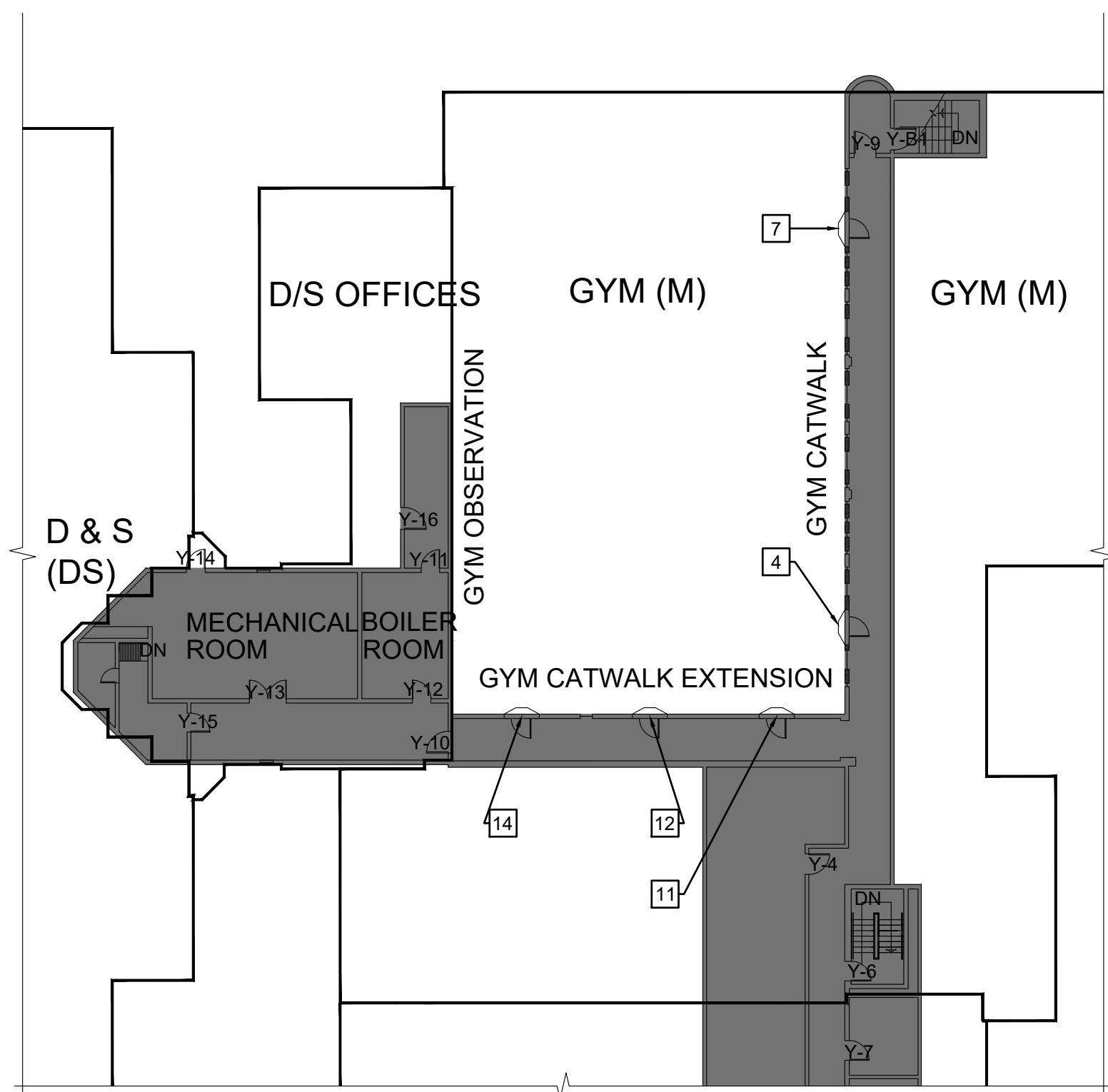
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CSC PROJECT NO. 539-2702,
CSC PROJECT NO. 539-2704,
CSC PROJECT NO. 539-3605**

Project no./No. du projet Drawing no./No. du dessin Revision no.

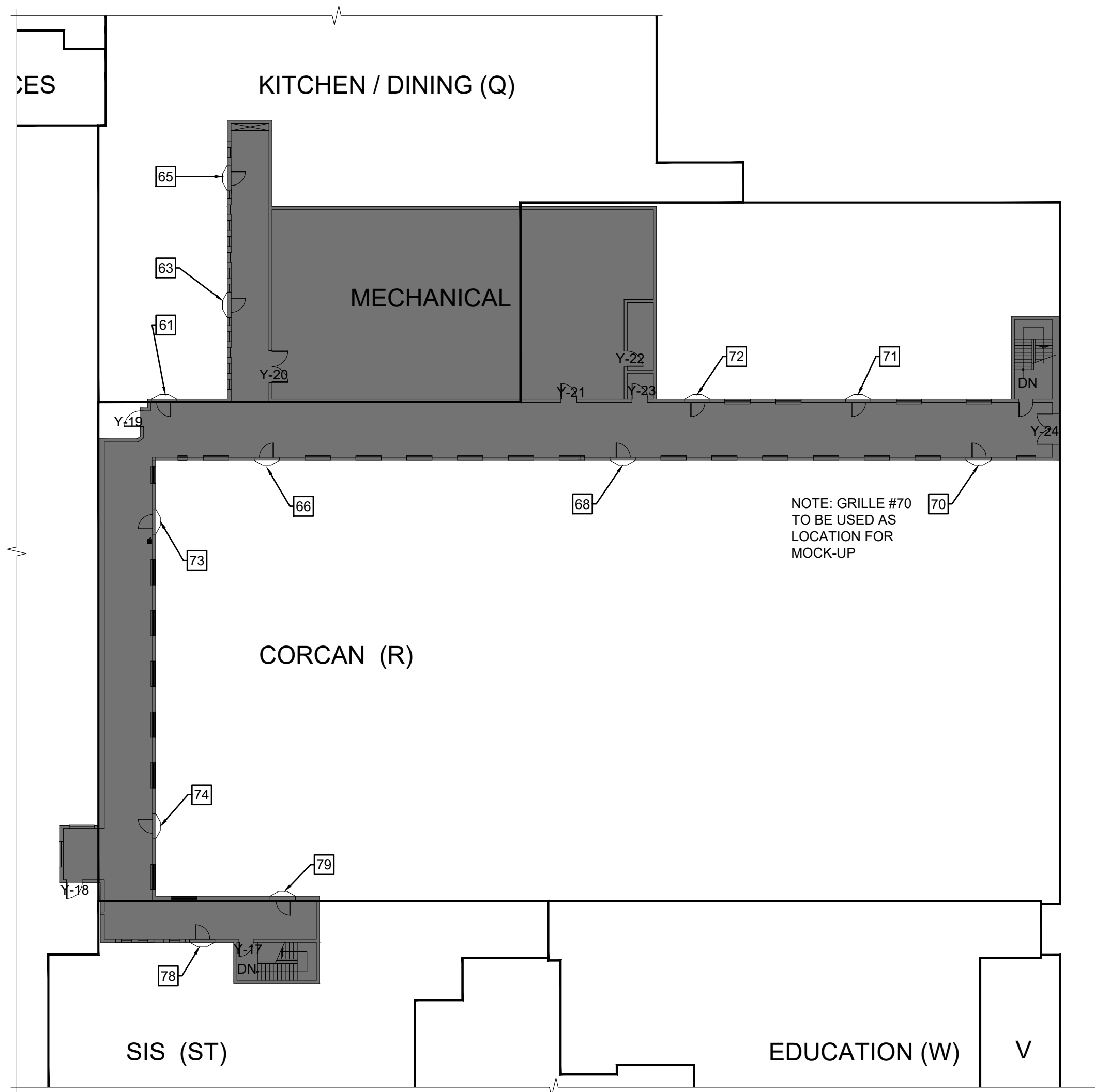
R.091022.001

A1.3
OF 9

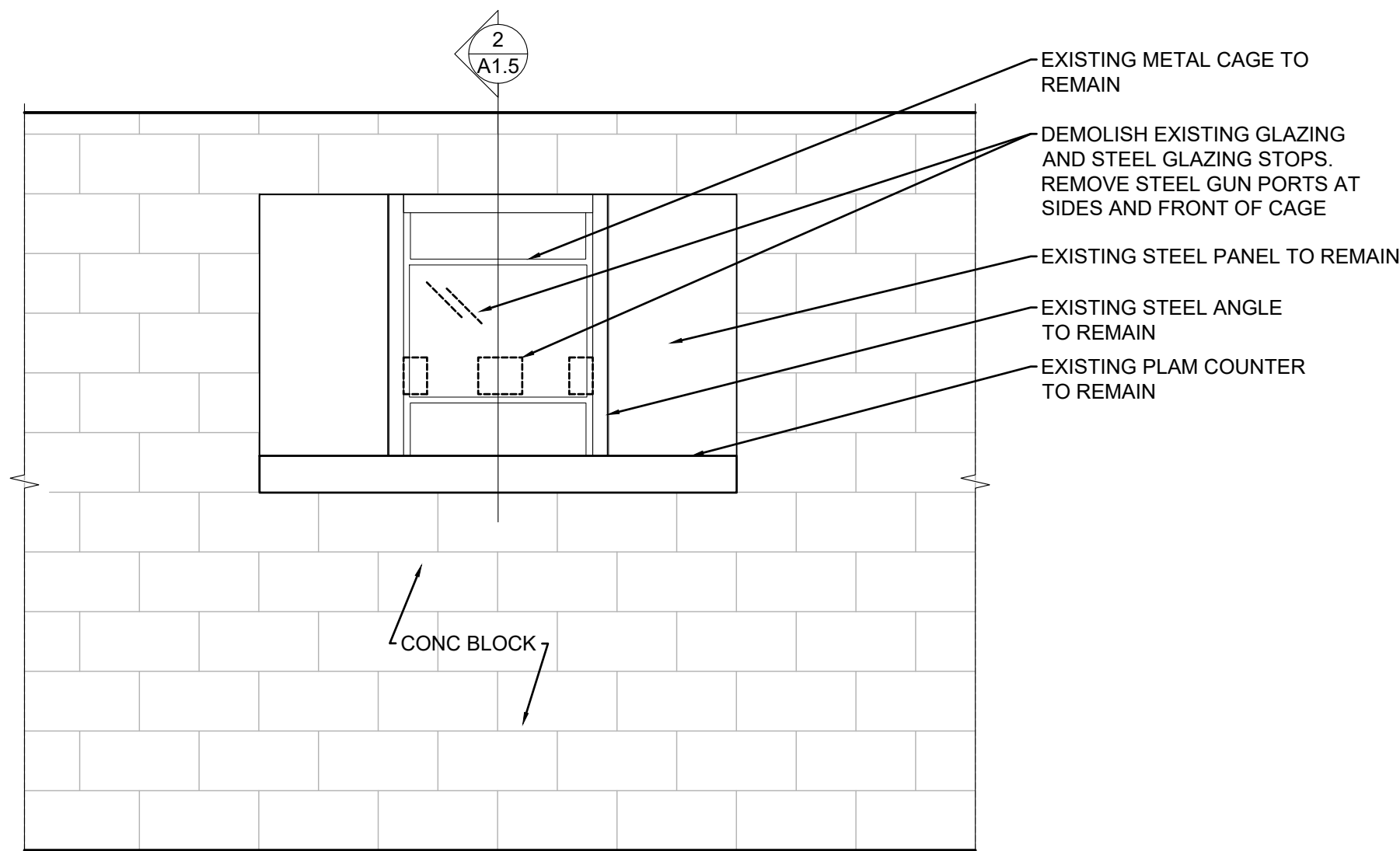
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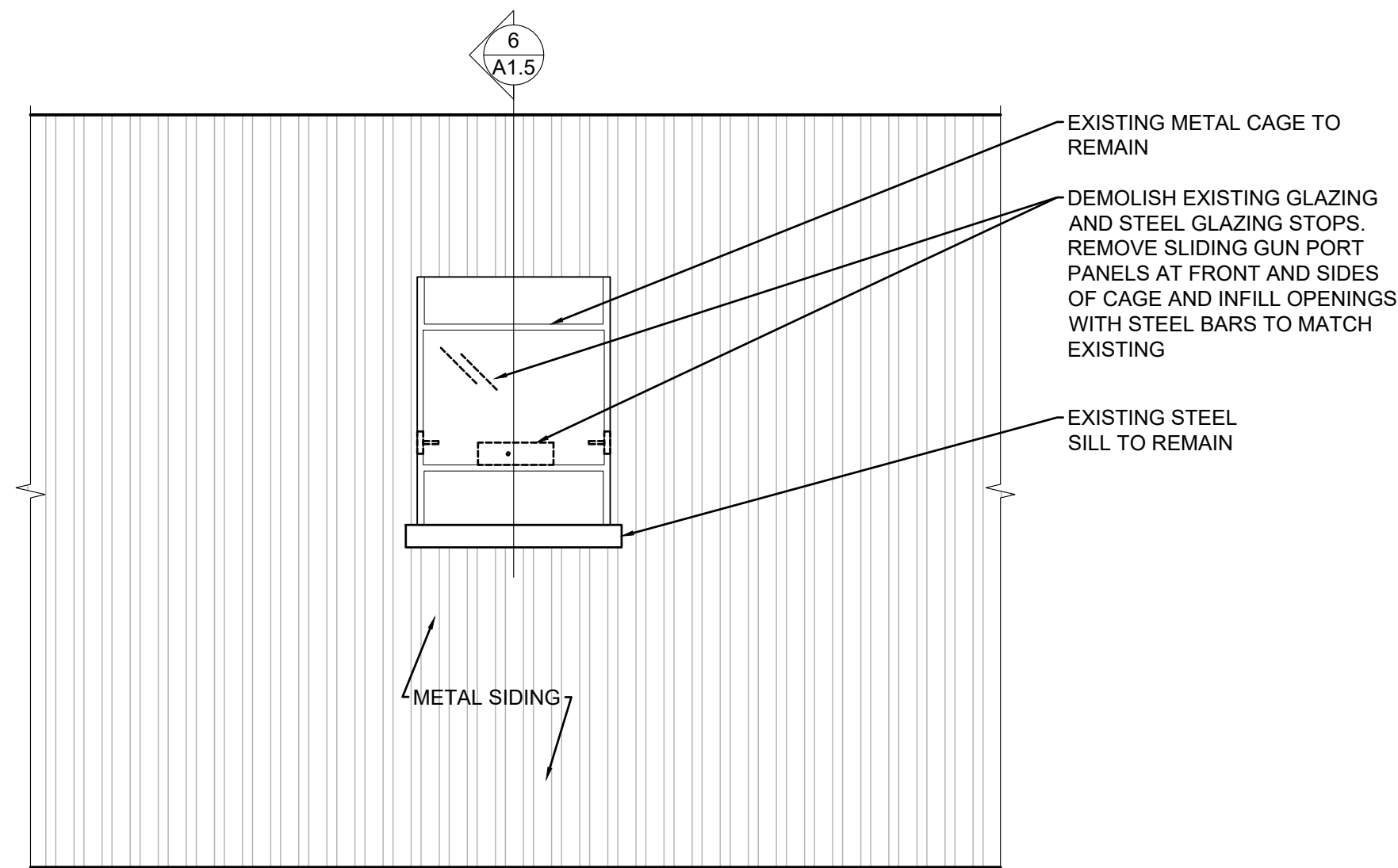


2 EAST CATWALK FLOOR PLAN
A1.4 / DRAWING SCALE 1:250



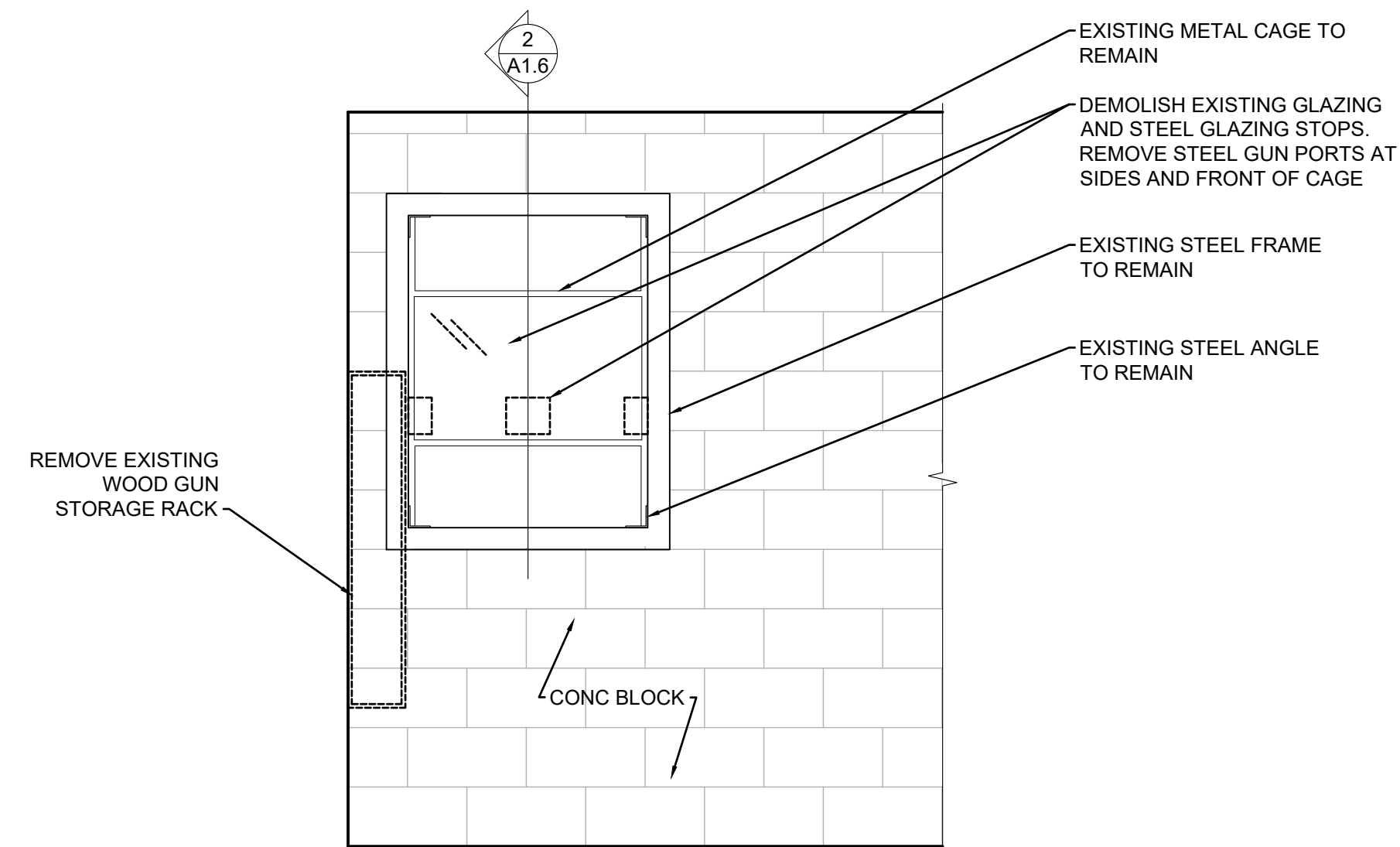
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3 CATWALK GRILLE TYPE 1 DEMOLITION
A1.4 / DRAWING SCALE 1:20



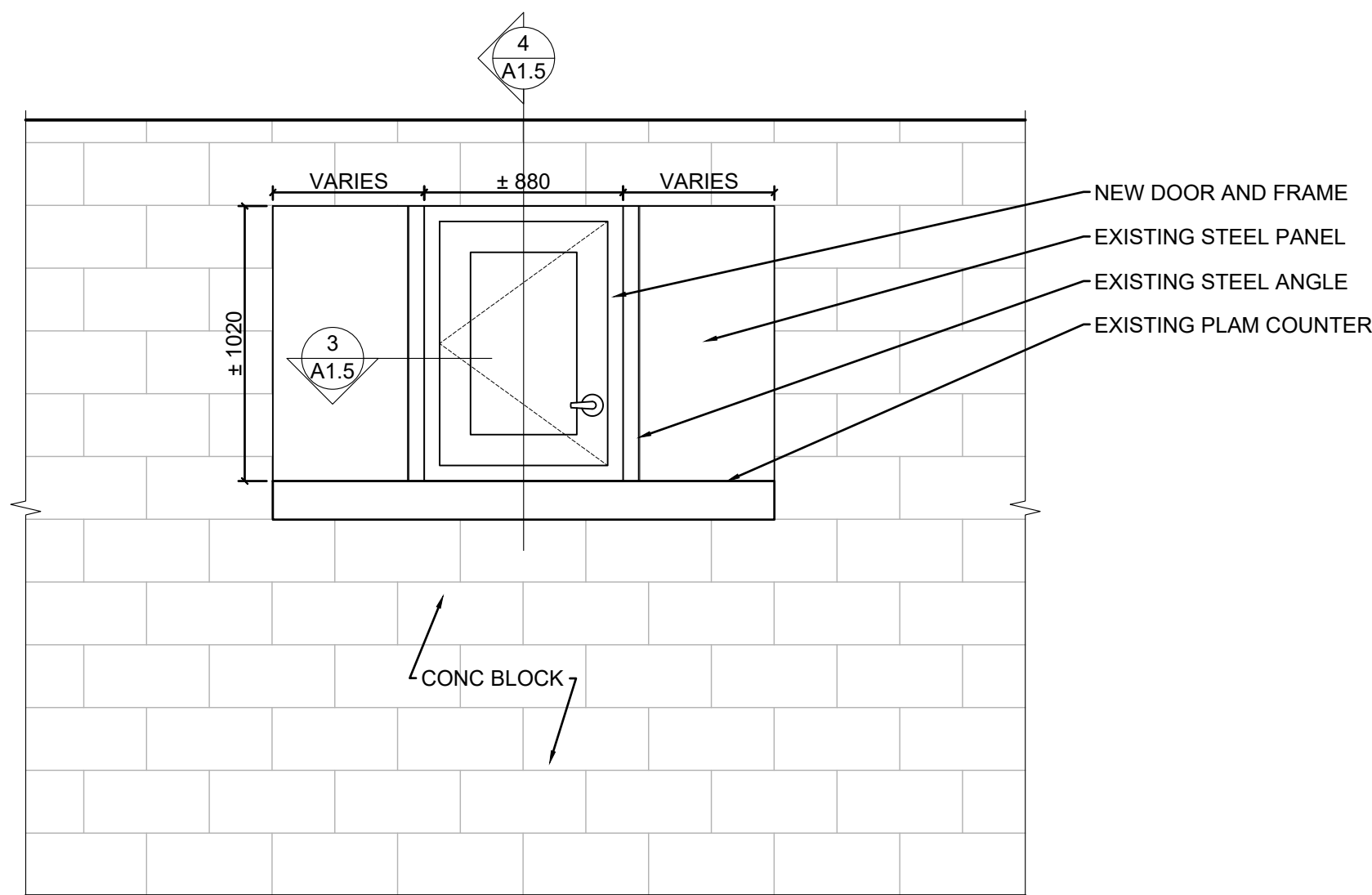
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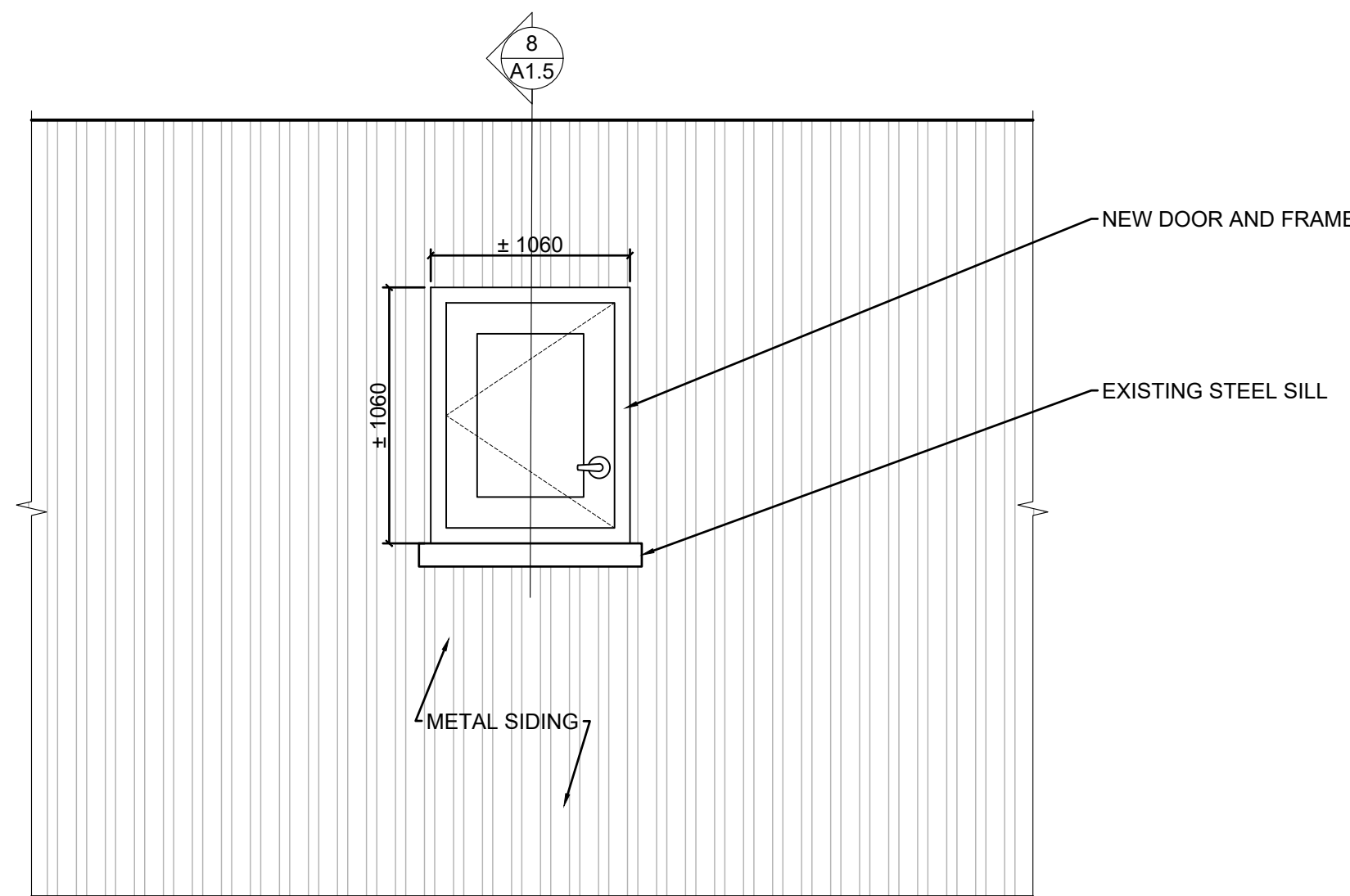


GRILLE: 61

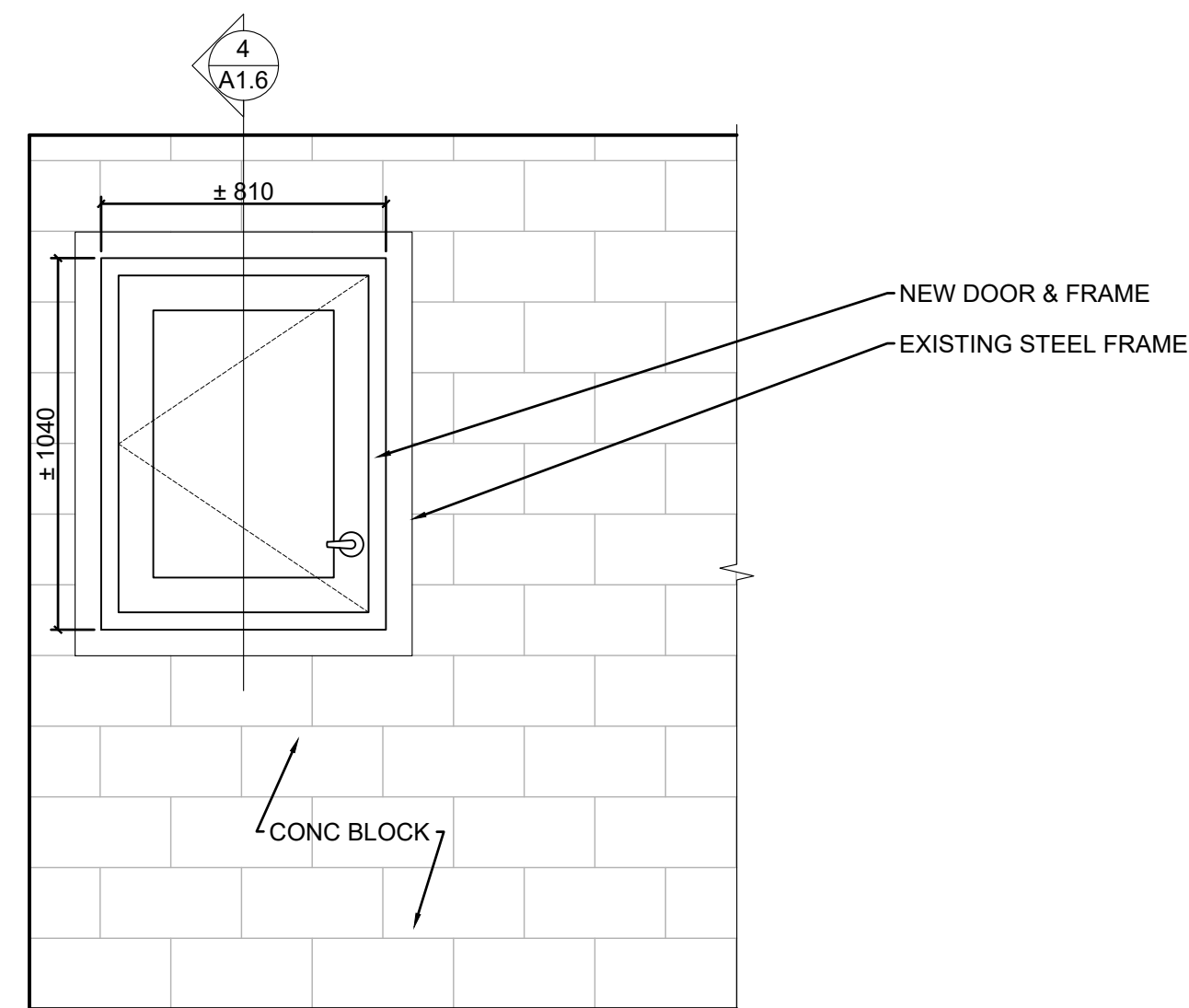
5 CATWALK GRILLE TYPE 3 DEMOLITION
A1.4 / DRAWING SCALE 1:20



6 CATWALK GRILLE TYPE 1 NEW CONSTRUCTION
A1.4 / DRAWING SCALE 1:20



7 CATWALK GRILLE TYPE 2 NEW CONSTRUCTION
A1.4 / DRAWING SCALE 1:20



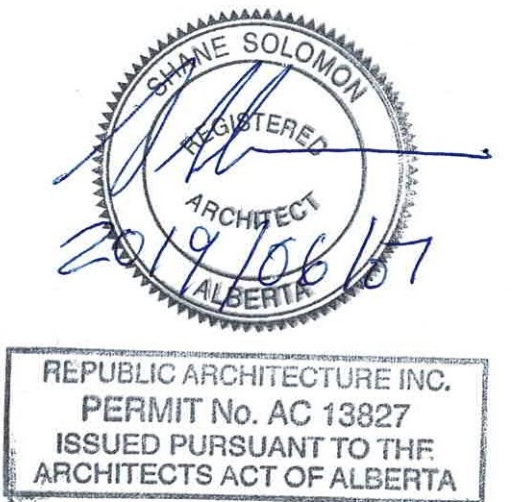
8 CATWALK GRILLE TYPE 3 NEW CONSTRUCTION
A1.4 / DRAWING SCALE 1:20

DEMOLITION NOTES

1. REMOVE EXISTING GLAZING, GUN PORTS, AND FRAMES AT AREAS INDICATED.

CONSTRUCTION NOTES

1. INSTALL NEW SWINGING DOOR ASSEMBLY INCLUDING FRAMES AT AREAS INDICATED.
2. PAINT ALL NEW STEEL AND TOUCH UP AREAS AFFECTED BY CONSTRUCTION TO MATCH EXISTING.
3. EXISTING PLASTIC LAMINATE COUNTER TO REMAIN AT GRILLE TYPE 1. REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION.



Revision	Description	Date
5		
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Client client

**CORRECTIONAL SERVICES OF CANADA (CSC)
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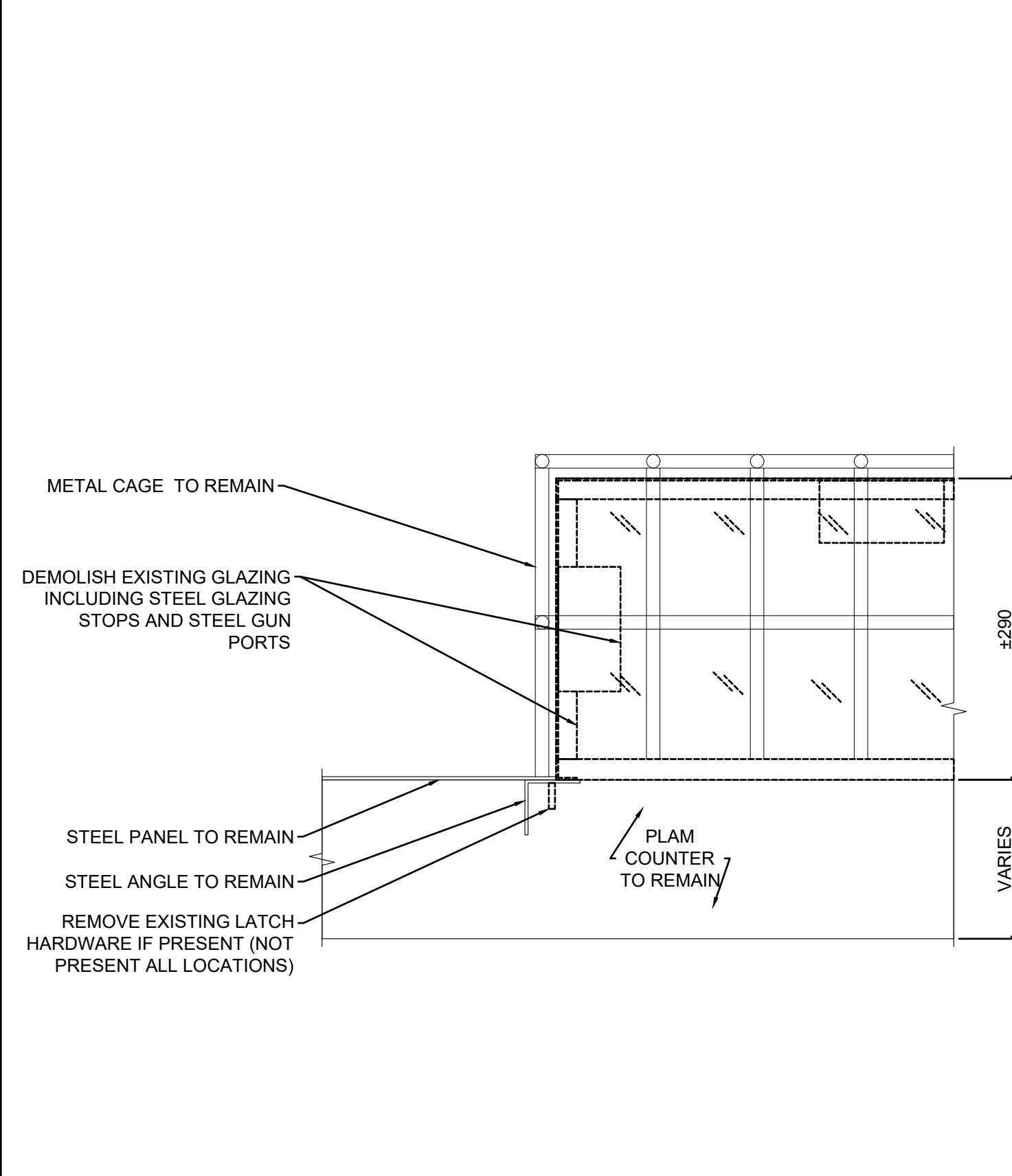
**GUN PORT REPLACEMENT,
RETROFIT AND
MODERNIZATION**

Designed by NOAH JACOBSON	Conçu par
Drawn by MELANIE PRATT	Dessiné par
Approved by CRISTINA BUSTAMANTE	Approuvé par
PWGSC Project Manager JOHN SHORT	Administrateur de Projets TPSGC

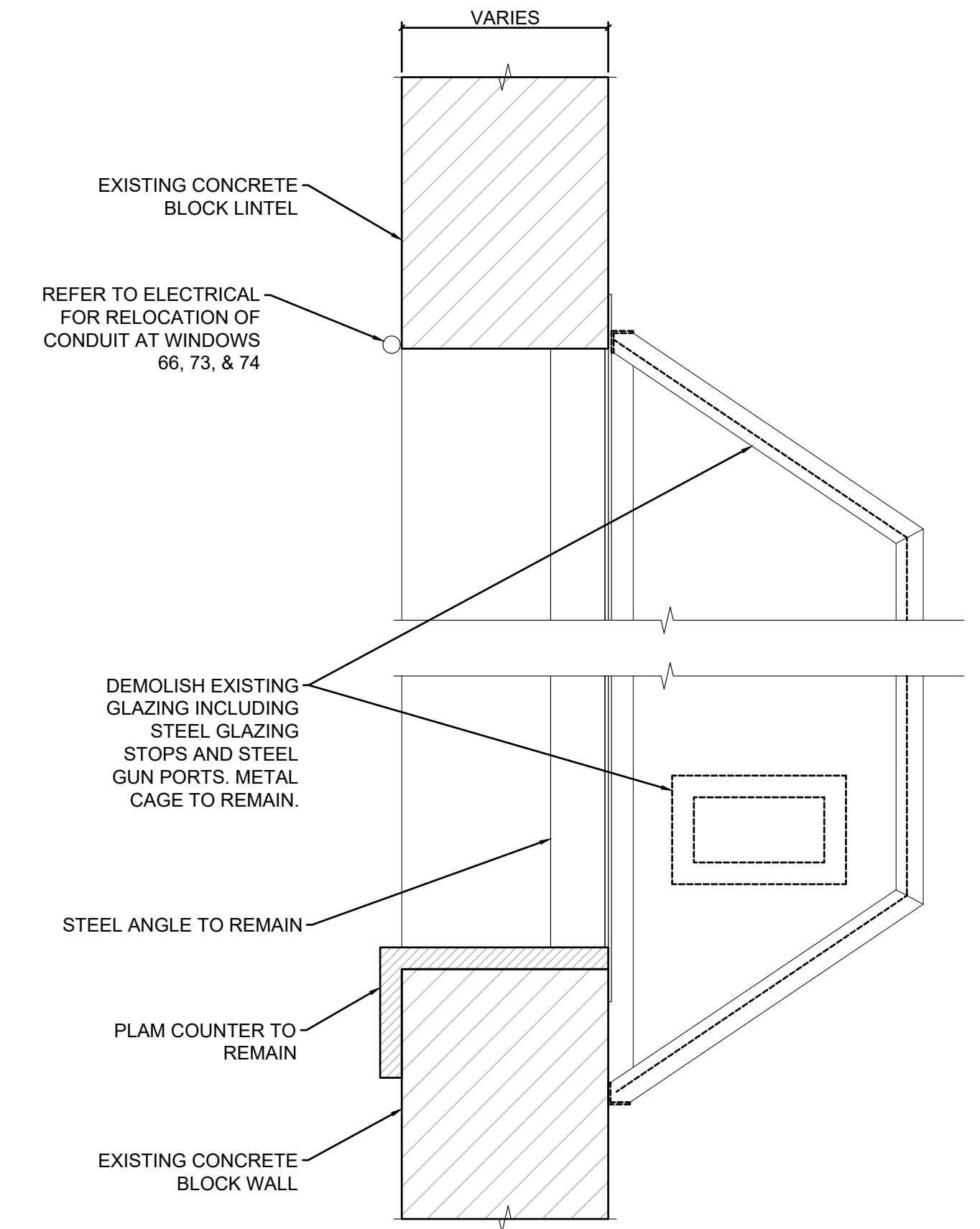
Drawing Title Titre du dessin

**EAST & WEST CATWALK AREAS:
CSC PROJECT NO. 539-2703,
PLANS AND ELEVATIONS**

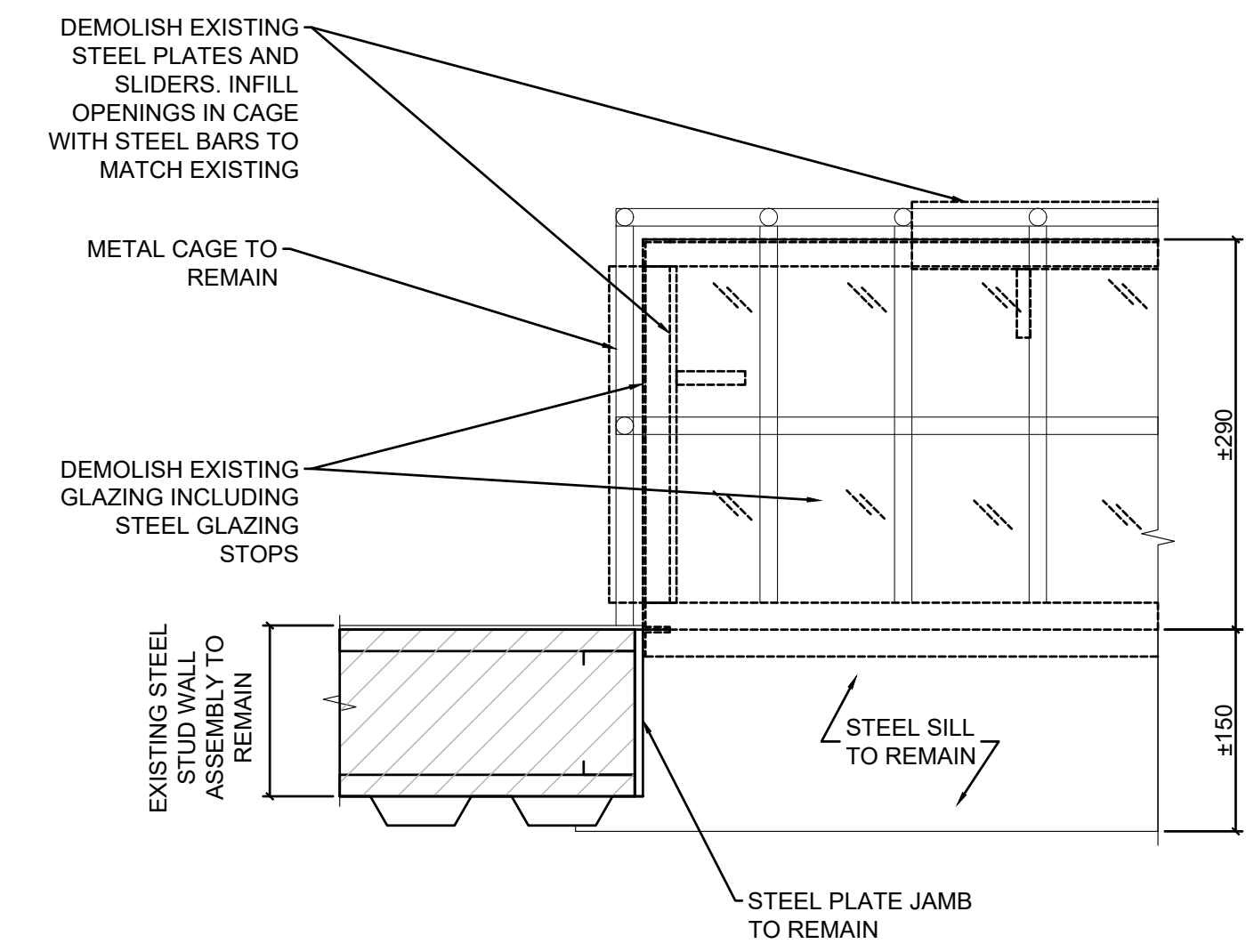
Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.091022.001	A1.4	4



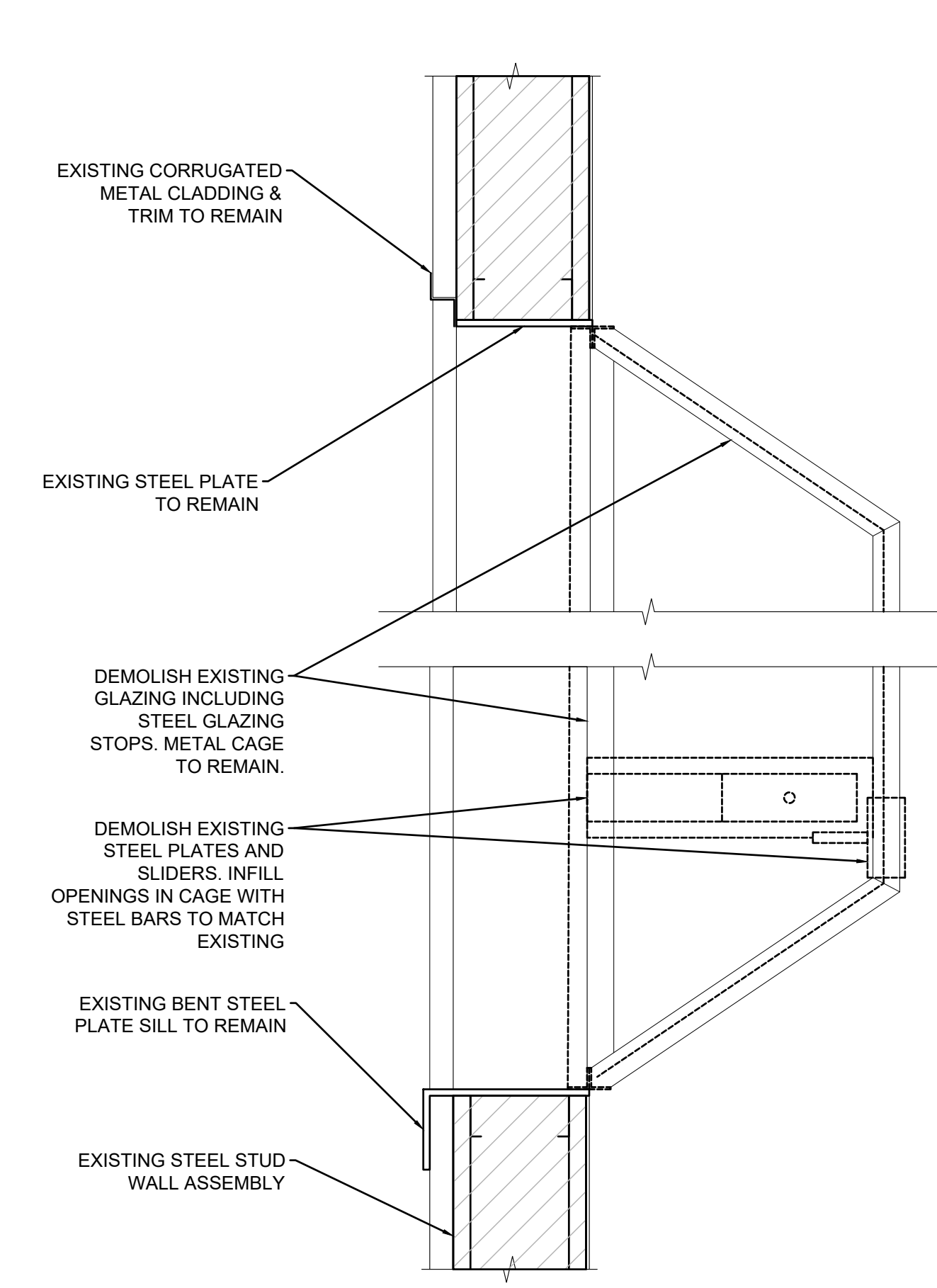
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A1.5 / DRAWING SCALE 1:5



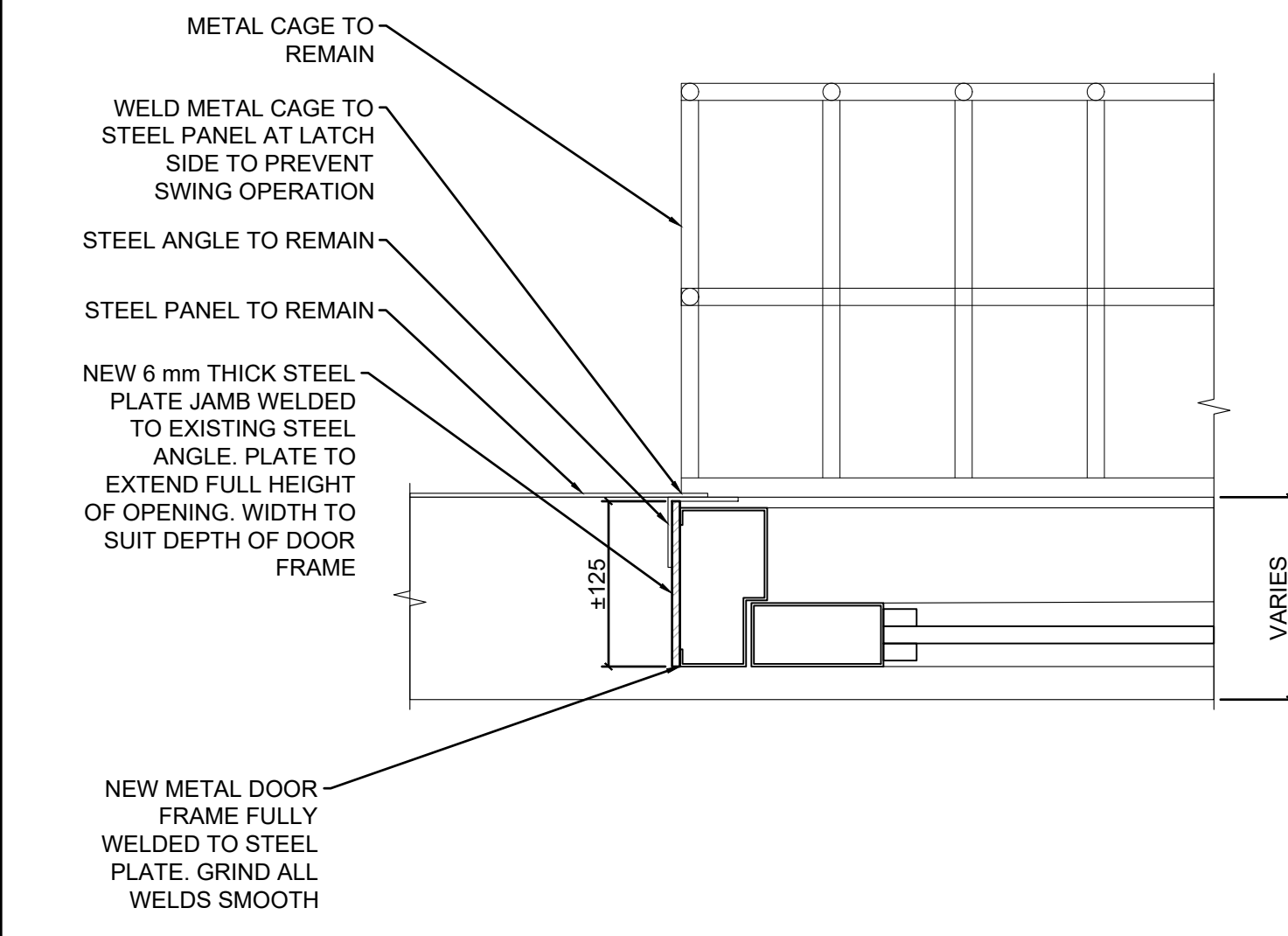
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A1.5 / DRAWING SCALE 1:5



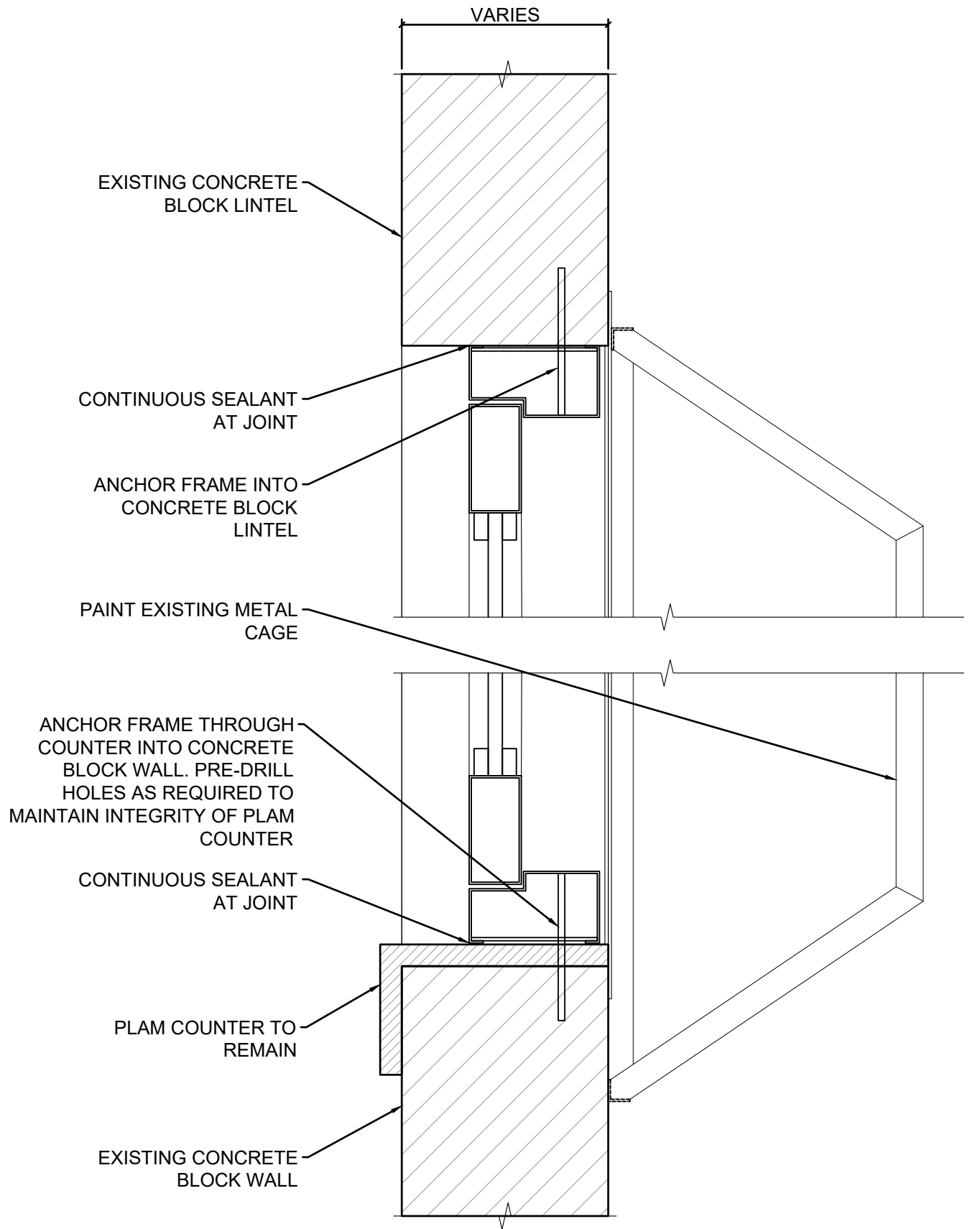
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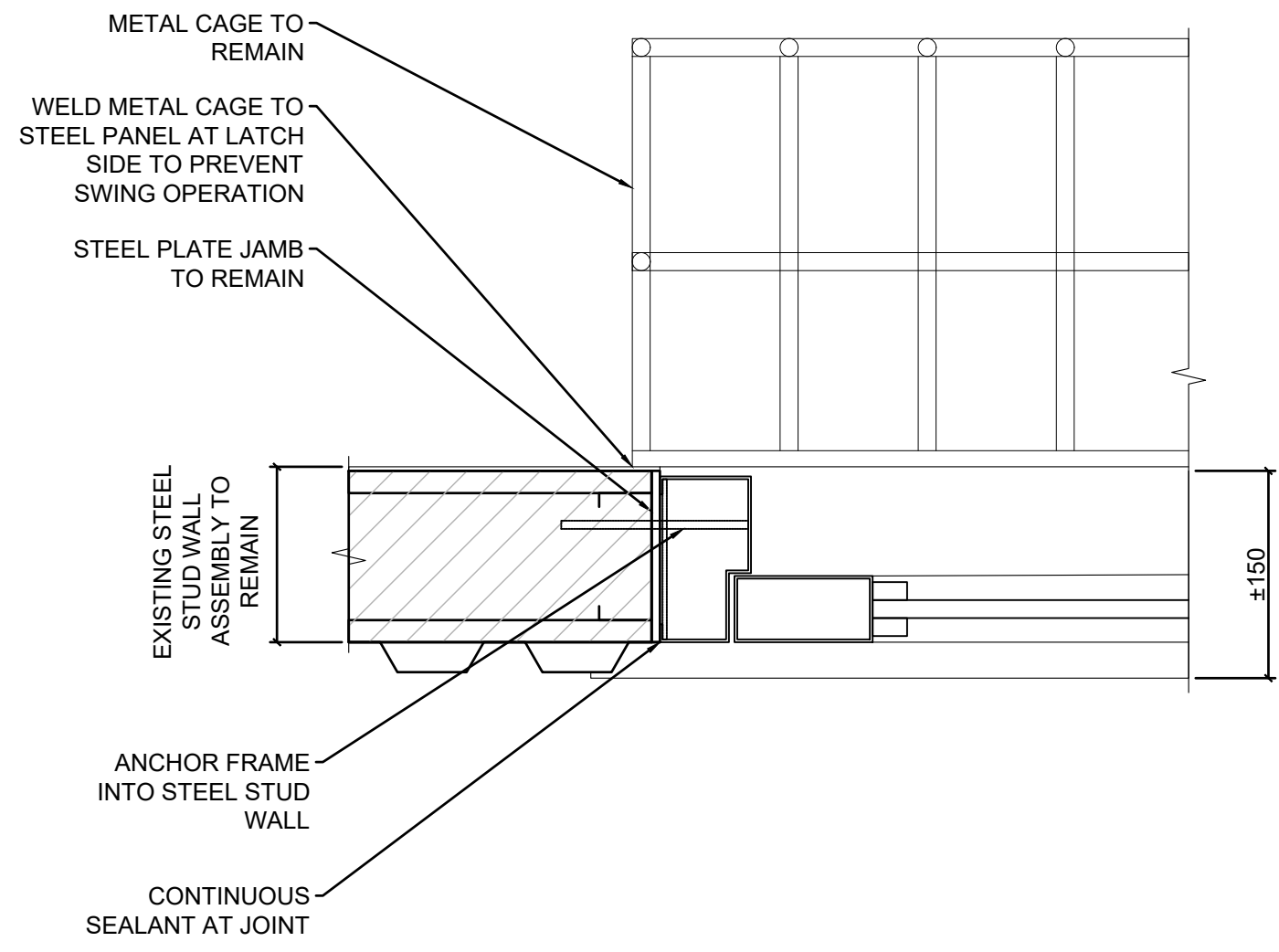
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A1.5 / DRAWING SCALE 1:5



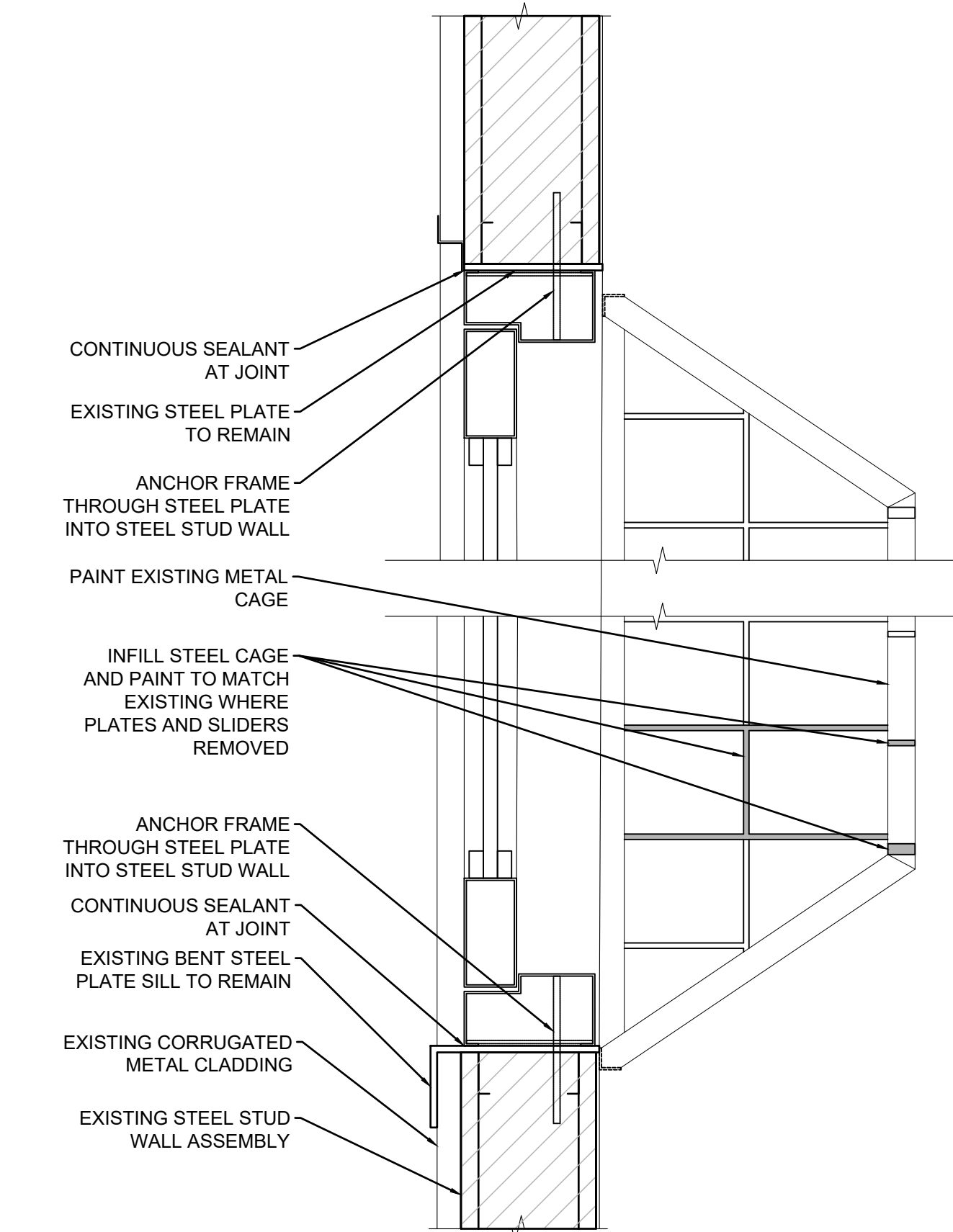
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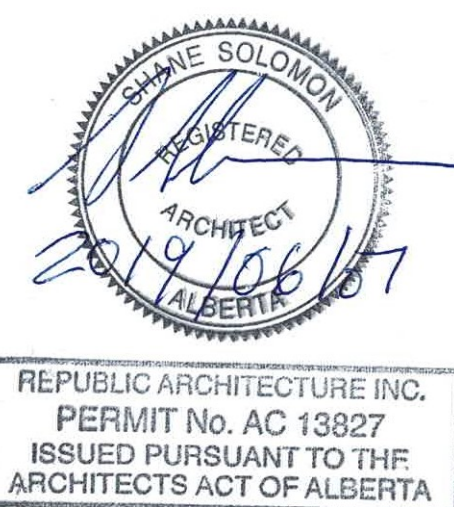
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A1.5 / DRAWING SCALE 1:5



7 GRILLE TYPE 2 PLAN DETAIL - NEW CONSTRUCTION
A1.5 / DRAWING SCALE 1:5



8 GRILLE TYPE 2 SECTION DETAIL - NEW CONSTRUCTION
A1.5 / DRAWING SCALE 1:5



5		
4	RE-ISSUED FOR TENDER	2019/08/07
3	ISSUED FOR TENDER	2019/05/16
2	99% CONSTRUCTION DOCUMENTS	2019/03/29
1	66% CONSTRUCTION DOCUMENTS	2019/01/29
0	DESIGN DEVELOPMENT	2018/11/06
Revision	Description	Date

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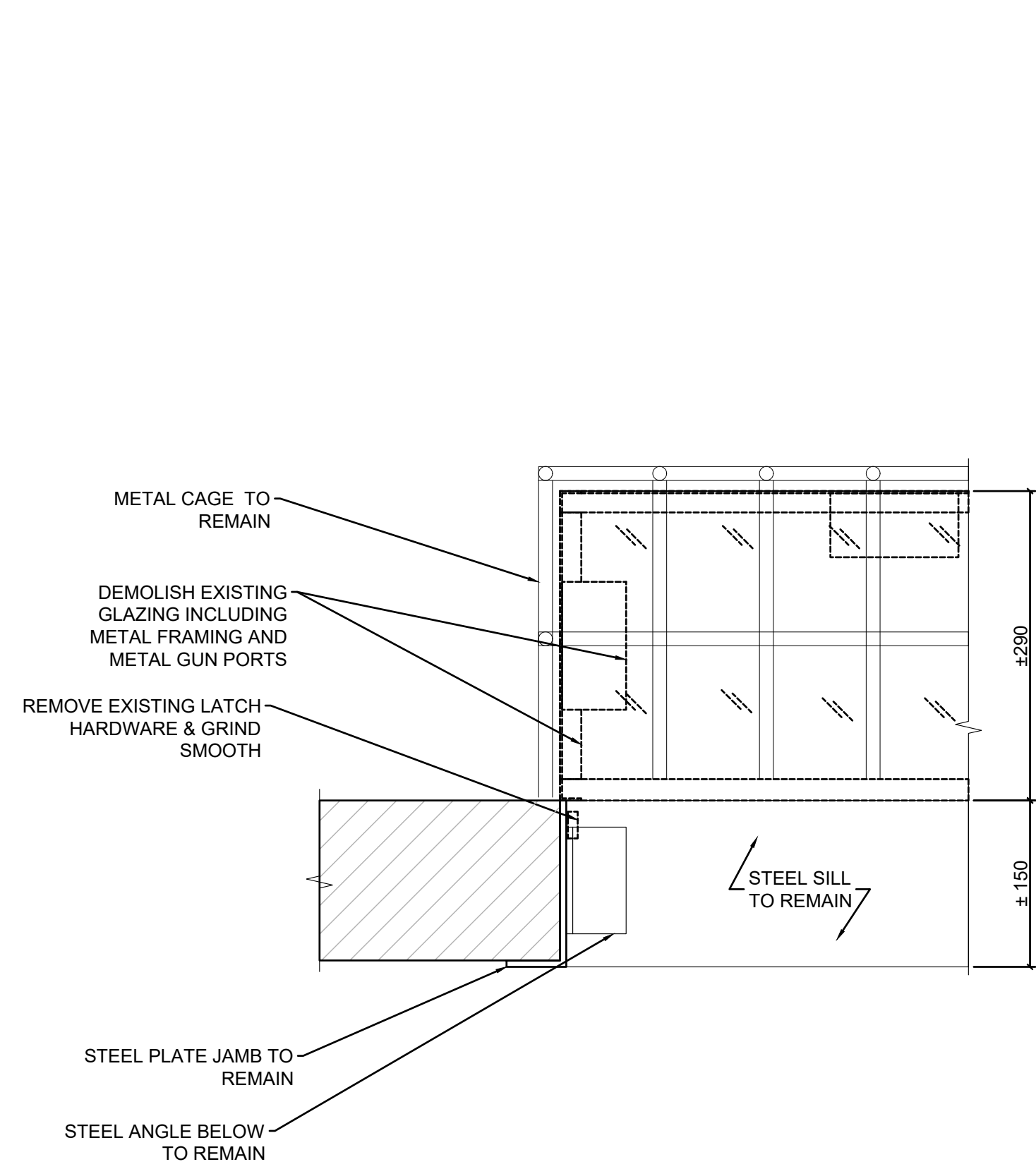
**CORRECTIONAL SERVICES
OF CANADA (CSC)
EDMONTON INSTITUTE**
EDMONTON, ALBERTA

Project Projet
**EDMONTON, ALBERTA
21611 MERIDIAN STREET
EDMONTON INSTITUTION**
**GUN PORT REPLACEMENT,
RETROFIT AND
MODERNIZATION**

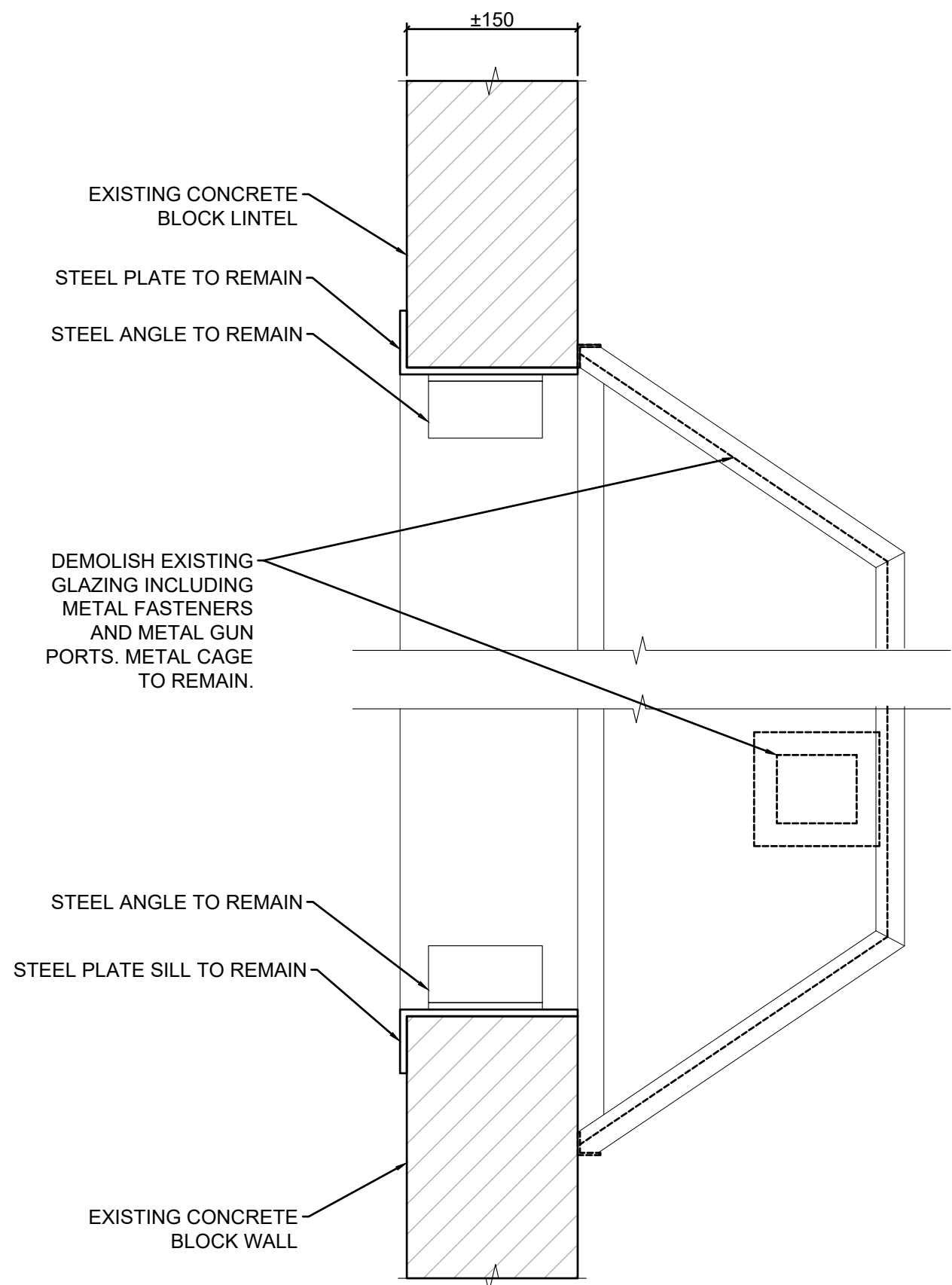
Designed by NOAH JACOBSON	Conçu par
Drawn by MELANIE PRATT	Dessiné par
Approved by CRISTINA BUSTAMANTE	Approuvé par
PWGSC Project Manager JOHN SHORT	Administrateur de Projets TPSGC

Drawing Title Titre du dessin
**EAST & WEST CATWALK AREAS:
CSC PROJECT NO. 539-2703
DETAILS**

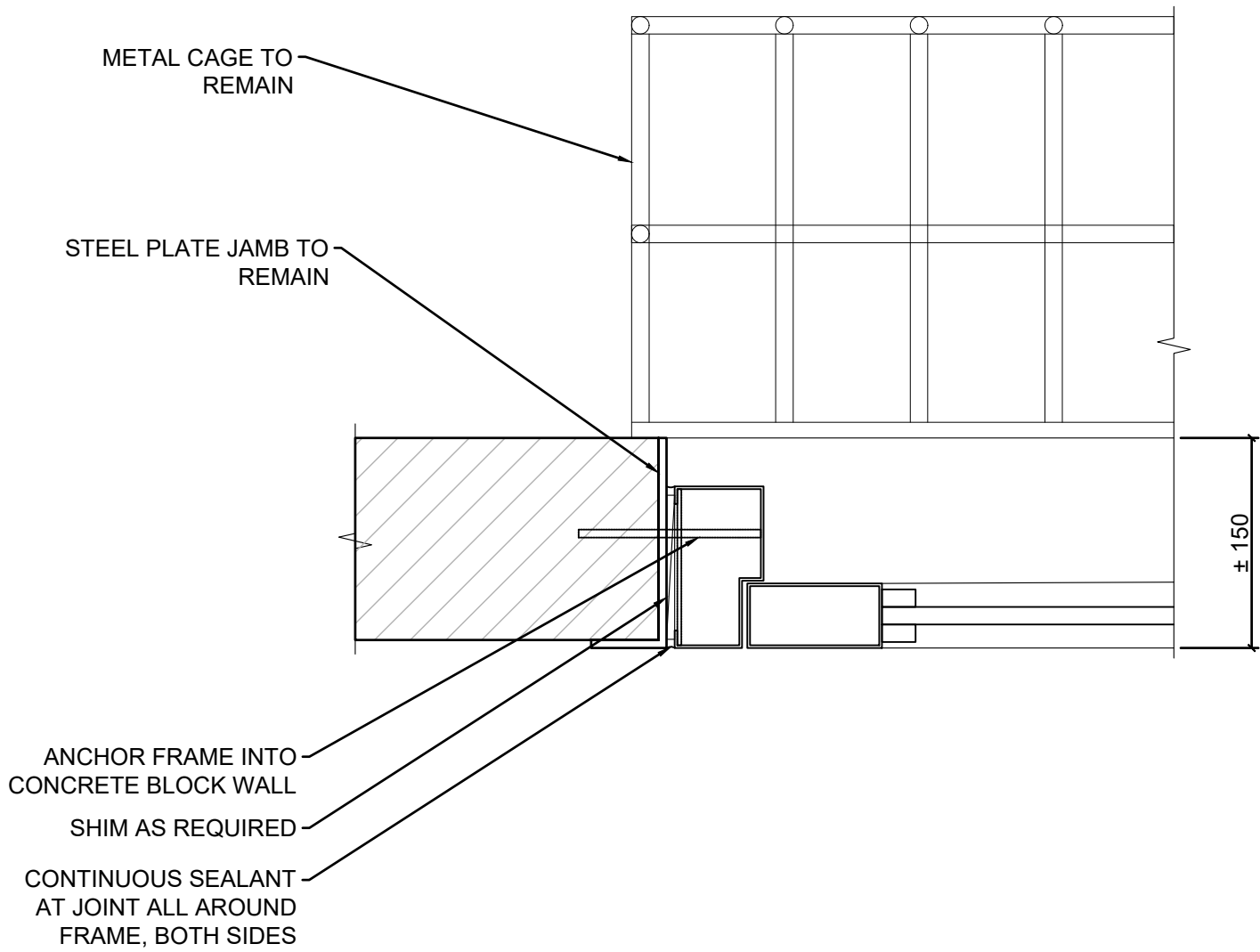
Project no./No. du projet R.091022.001	Drawing no./No. du dessin A1.5 OF 9	Revision no. 4
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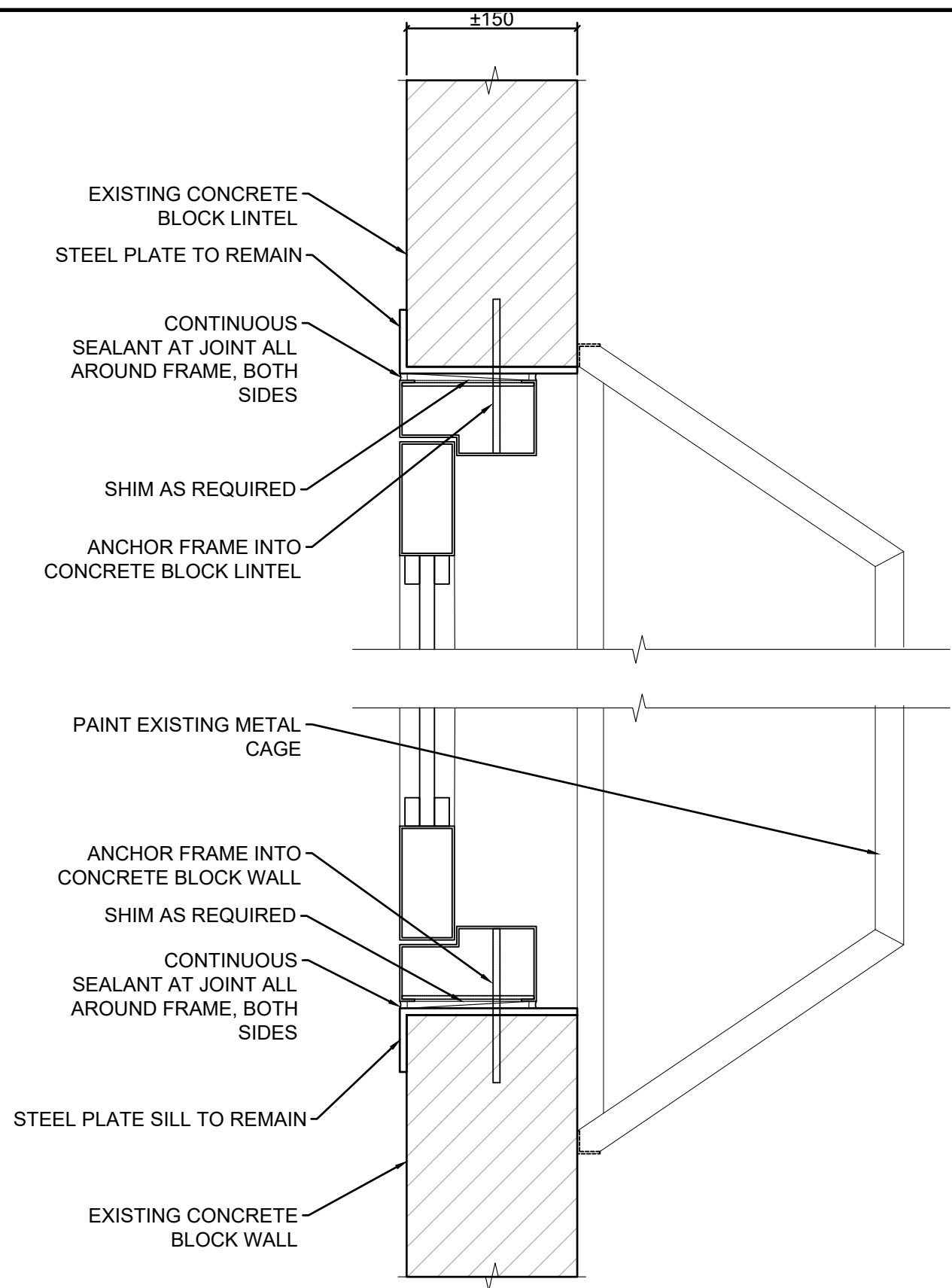
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A1.6 / DRAWING SCALE 1:5



2 GRILLE TYPE 3 SECTION DETAIL - DEMOLITION
A1.6 / DRAWING SCALE 1:5



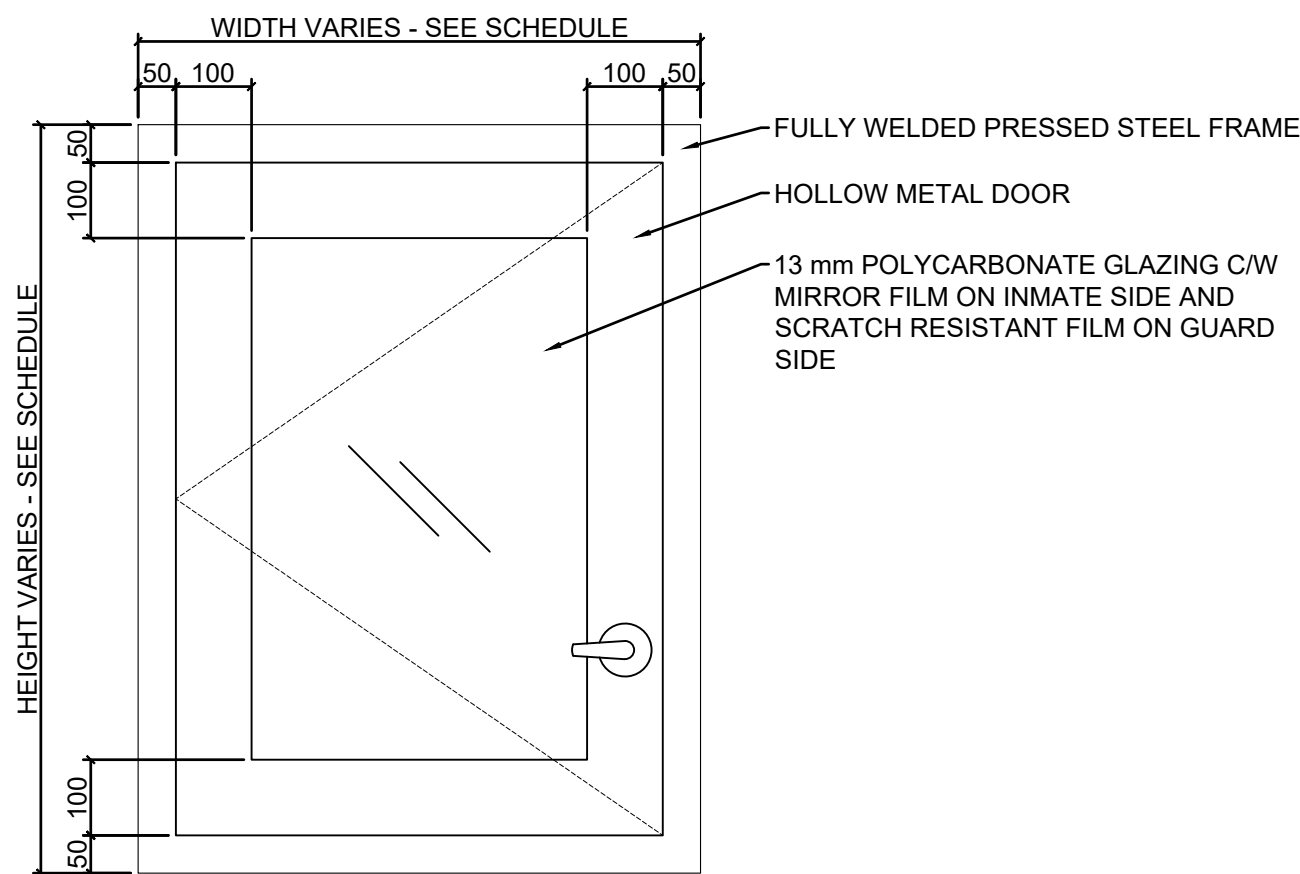
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A1.6 / DRAWING SCALE 1:5



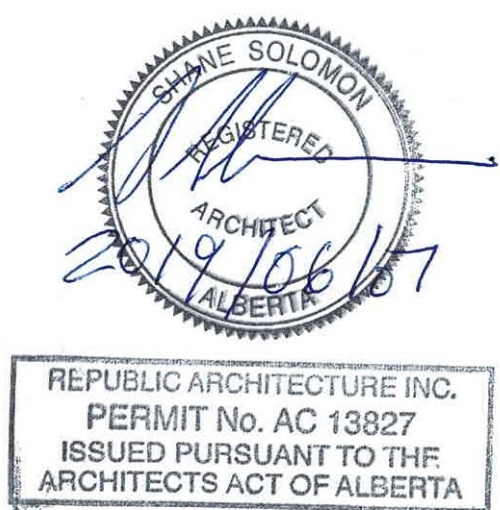
4 GRILLE TYPE 3 SECTION DETAIL - NEW CONSTRUCTION
A1.6 / DRAWING SCALE 1:5

GRILLE #	GRILLE TYPE	DOORS						FRAMES			HARDWARE SET	REMARKS
		APPROXIMATE DIMENSIONS O/O FRAME (HxW)		HAND	MATERIAL	FINISH	GLAZING	TYPE	MATERIAL	FINISH		
4	1	1020	880	LHR	HM	PT	A1	1	PS	PT	1	
7	1	1020	880	LHR	HM	PT	A1	1	PS	PT	1	
11	2	1060	1060	RHR	HM	PT	A1	1	PS	PT	1	
12	2	1060	1060	RHR	HM	PT	A1	1	PS	PT	1	
14	2	1060	1060	RHR	HM	PT	A1	1	PS	PT	1	
61	3	1040	810	RHR	HM	PT	A1	1	PS	PT	1	GUN RACK TO BE RELOCATED
63	1	1020	880	RHR	HM	PT	A1	1	PS	PT	1	
65	1	1020	880	RHR	HM	PT	A1	1	PS	PT	1	ELECTRICAL CONDUIT TO BE RELOCATED
66	1	1020	880	LHR	HM	PT	A1	1	PS	PT	1	ELECTRICAL CONDUIT TO BE RELOCATED
68	1	1020	880	RHR	HM	PT	A1	1	PS	PT	1	
70	1	1020	880	RHR	HM	PT	A1	1	PS	PT	1	
71	1	1020	880	LHR	HM	PT	A1	1	PS	PT	1	
72	1	1020	880	LHR	HM	PT	A1	1	PS	PT	1	
73	1	1020	880	RHR	HM	PT	A1	1	PS	PT	1	ELECTRICAL CONDUIT TO BE RELOCATED
74	1	1020	880	LHR	HM	PT	A1	1	PS	PT	1	ELECTRICAL CONDUIT TO BE RELOCATED
78	1	1020	880	RHR	HM	PT	A1	1	PS	PT	1	
79	1	1020	880	RHR	HM	PT	A1	1	PS	PT	1	

LEGEND	
TYPE	DESCRIPTION
LHR	LEFT HAND REVERSE
RHR	RIGHT HAND REVERSE
PS	PRESSED STEEL
HM	HOLLOW METAL
PT	PAINT
A1	13mm POLYCARBONATE SHEET WITH MIRROR FILM ON INMATE SIDE AND ABRASION RESISTANT FILM ON GUARD SIDE



5 FRAME TYPE 1 DOOR & FRAME ELEVATION
A1.6 / DRAWING SCALE 1:10



5		
4	RE-ISSUED FOR TENDER	2019/06/07
3	ISSUED FOR TENDER	2019/05/16
2	99% CONSTRUCTION DOCUMENTS	2019/03/29
1	66% CONSTRUCTION DOCUMENTS	2019/01/29
0	DESIGN DEVELOPMENT	2018/11/06
Revision	Description	Date

Client client

**CORRECTIONAL SERVICES
OF CANADA (CSC)
EDMONTON INSTITUTE**
EDMONTON, ALBERTA

Project Projct

**EDMONTON, ALBERTA
21611 MERIDIAN STREET
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**GUN PORT REPLACEMENT,
RETROFIT AND
MODERNIZATION**

Designed by Conçu par

NOAH JACOBSON

Drawn by Dessiné par

MELANIE PRATT

Approved by Approuvé par

CRISTINA BUSTAMANTE

PWGSC Project Manager Administrateur de Projets TPSGC

JOHN SHORT

Drawing Title Titre du dessin

**EAST & WEST CATWALK AREAS:
CSC PROJECT NO. 539-2703
ADDITIONAL DETAILS AND SCHEDULE**

Project no./No. du projet Drawing no./No. du dessin Revision no.

R.091022.001

A1.6
OF 9

4

Permit Number: P13022



PERMIT TO PRACTICE
MCW HEMISPHERE LTD.
Signature: [Signature]
Date: 2019/05/14
PERMIT NUMBER: P 13022
The Association of Professional Engineers
and Geoscientists of Alberta

5	RE-ISSUED FOR TENDER	2019-06-07
4	ISSUED FOR TENDER	2019/05/15
3	100% CONSTRUCTION DOCUMENTS	2019/05/14
2	99% CONSTRUCTION DOCUMENTS	2019/03/29
1	66% CONSTRUCTION DOCUMENTS	2018/12/21
6	RE-ISSUED FOR TENDER	2019-06-24
Revision	Description	Date

CORRECTIONAL SERVICES
OF CANADA (CSC)
EDMONTON INSTITUTE
EDMONTON, ALBERTA

Project
EDMONTON, ALBERTA
21611 MERIDIAN STREET
EDMONTON INSTITUTION

GUN PORT REPLACEMENT,
RETROFIT AND
MODERNIZATION

Designed by
MICHAEL HALE
Conçu par

Drawn by
WARREN HEYDANUS
Dessiné par

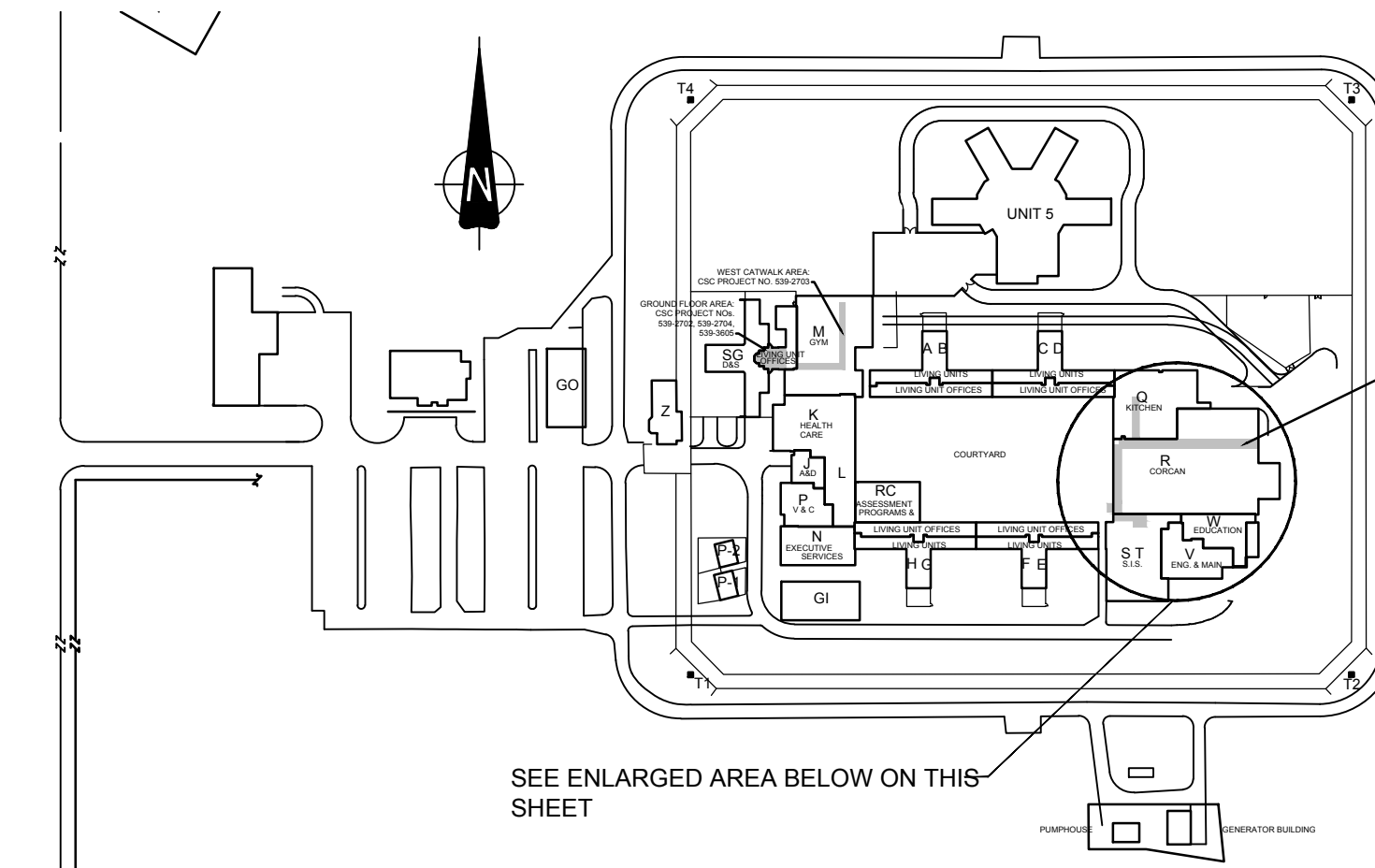
Approved by
DAVID CALDER
Approuvé par

PROJSC: Project Manager
JOHN SHORT
Administrateur de Projets TPSOC

Drawing title
GROUND FLOOR PLAN -
POWER & SYSTEMS
Titre du dessin

CSC PROJECT NO. 539-2704

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.091022.001	E1 OF 1	0



1
E1
1:300
MAIN FLOOR - KEY PLAN

LEGEND	
POWER	
⊙	SPECIAL RECEPTACLE (SINGLE PHASE)
COMMUNICATION	
Ⓜ	COMMUNICATION ANTENNA
CONDUIT & COMMON SYMBOLS	
—	CONDUIT RUN IN WALL OR CEILING
Ⓜ	CEILING MOUNTED JUNCTION BOX
Ⓜ	SURFACE MOUNTED LOW TENSION CABINET
Ⓜ	KEYNOTE SYMBOL
FIRE ALARM	
Ⓜ	SMOKE DETECTOR
Ⓜ	FIRE ALARM HORN STROBE DEVICE

KEY NOTES:

- ROUTE NEW PALS INFRASTRUCTURE (16mm CONDUIT AND TWO (2) #14AWG, 600VAC SINGLE SOLID CORE CONDUCTORS, 600VAC INSULATION, COLOUR CODED BLUE AND WHITE) ALONG THE CORRIDOR CEILING PRIOR TO GUN PORT 66 TO GUN PORT 79 TO ALLOW REMOVAL AND INSTALLATION OF NEW GUN PORTS. INTERCEPT THE EXISTING PALS SECURITY SYSTEM INFRASTRUCTURE (CONDUIT/WIRE) PRIOR TO GUN PORT 66 AND TERMINATE AT THE EXISTING PALS CONNECTION POINT ADJACENT TO GUN PORT 79. COORDINATE ALL WORK WITH PERSONNEL ON SITE. MINIMIZE DOWN TIME OF THE PALS SECURITY SYSTEM. CONTRACTOR TO CONFIRM NEW WIRING MATCHES EXACTLY TO EXISTING WIRING.
- REROUTE/MODIFY THE FIRE ALARM INFRASTRUCTURE (CONDUIT AND FAS CABLING) TO ACCOMMODATE GUN PORT REPLACEMENT THUS, AVOIDING THE NEW GUN PORT DOOR.
- REMOVE EXISTING ABANDONED COAXIAL CABLE AND CONDUIT (41mmC) ASSOCIATED TO THE REMOVED ANALOG SURVEILLANCE CAMERAS. REMOVE INFRASTRUCTURE (CONDUIT/COAXIAL CABLE) FROM THE SURFACE MOUNT 8X8 JUNCTION BOX BY THE GUARD'S STATION TO THE 'LB' FITTING WITHIN THE MECHANICAL ROOM. REPLACE THE 'LB' FITTING WITH A 8X8 JUNCTION BOX WITH COVER. ENSURE THAT THE WALL PENETRATION (CORRIDOR/MECHANICAL ROOM) IS PATCHED TO THE APPROVAL OF DEPARTMENT REPRESENTATIVE.
- EXISTING FIRE ALARM CONDUIT AND DEVICES ARE TO REMAIN, UNLESS OTHERWISE NOTED.

SYSTEM DESCRIPTIONS

FIRE ALARM:
THE EXISTING FIRE ALARM SYSTEM IS AN NOTIFIER/HONEYWELL, MODEL #ONYX SERIES. (PREFERRED FIRE ALARM VENDOR: VIPOND).
THE INTENT IS TO INSTALL NEW CONDUIT AND WIRING ASSEMBLIES BETWEEN THE JB IN THE CATWALK, AND THE EXISTING SMOKE DETECTOR IN THE KITCHEN, AS INDICATED BY KEYNOTE 2. THE CONTRACTOR IS TO COORDINATE WITH THE DEPARTMENT REPRESENTATIVE FOR AN AGREEABLE TIME TO CUT THE DEVICES OVER TO THE NEW WIRING, AND PERFORM A VERIFICATION. THE CONTRACTOR IS TO RETAIN THE SERVICES OF A QUALIFIED FIRE ALARM TECHNICIAN, REPRESENTING THE MANUFACTURER NOTED ABOVE, FOR THE CUT OVER AND VERIFICATION. THIS IS A LIFE SAFETY SYSTEM, AND ANY INTERRUPTIONS MUST BE KEPT TO A MINIMUM.

PALS:
PALS IS A PERSONAL ALARM LOCATION SERVICE. IT WORKS IN CONJUNCTION WITH THE PERSONAL ALARM SYSTEM.
1. THE INTENT IS TO RUN NEW CONDUIT AND WIRING ASSEMBLIES AS INDICATED BY KEYNOTE 1 ON THE DRAWINGS.
2. THE CONTRACTOR IS TO COORDINATE AN AGREEABLE TIME WITH THE DEPARTMENT REPRESENTATIVE, AND ELECTRONIC SECURITY SYSTEMS (ESS) PERSONNEL, TO CUT OVER TO THE NEW WIRING, AND TEST THE SYSTEM FOR FUNCTIONALITY.
3. THIS IS A LIFE SAFETY SYSTEM, AND ANY INTERRUPTIONS MUST BE KEPT TO A MINIMUM.
4. THE PALS SECURITY SYSTEM UTILIZE A POWER LINE COMMUNICATION PHILOSOPHY FROM THE REMOTE ANTENNA TO COMMUNICATE TO THE CONTROL PANEL WITHIN THE MECHANICAL ROOM. POWER LINE COMMUNICATION UTILIZES TWO (2) SINGLE SOLID CORE #14 AWG, 600VAC INSULATED CONDUCTORS. THE INSULATION COLOURS ARE BLUE FOR ONE CONDUCTOR AND WHITE FOR THE OTHER CONDUCTOR.

2
E1
1:150
MAIN FLOOR PLAN - POWER & SYSTEMS

LIVING

L

S

KITCHEN / DINING (Q)

REMOVE ABANDONED
COAXIAL CABLE AND CONDUIT
FROM THE 'LB' TO THE GUARD
STATION IN THE CORRIDOR.

EXISTING 'LB' FITTINGS IN THE
MECHANICAL ROOM TO BE
REMOVED AND REPLACED WITH A
NEW 4X4 JUNCTION BOX WITH
COVER.

TO J7
ABOVE
COOLER
R4

REPLACE THE EXISTING 'LB'
FITTING WITH A NEW 4X4
JUNCTION BOX AND COVER.

PALS
CABINET

Y-22

Y-21

Y-23

Y-24

Y-25

Y-26

Y-27

Y-28

Y-29

Y-30

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