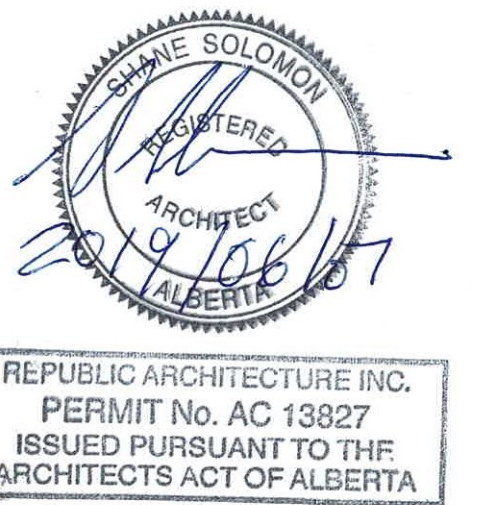


Travaux publics et  
Services gouvernementaux  
Canada

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**

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	Project
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EDMONTON, ALBERTA  
21611 MERIDIAN STREET  
EDMONTON INSTITUTION

## GUN PORT REPLACEMENT, RETROFIT AND MODERNIZATION

Designed by	Conçu par
-------------	-----------

**NOAH JACOBSON**

Drawn by

**MELANIE PRATT**

Approved by  
**CRISTINA BUSTAMANTE**

PWGSC Project Manager                      Administrateur de Projets TPSGC

JOHN SHORT

Drawing title

COVER

COVER

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

R.091022.001

**A0**  
F 9

4

CONSULTANTS

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

ELECTRICAL  
MCW HEMISPHERE LTD.  
ATB PLACE, SOUTH TOWER  
2400, 10020 - 100 STREET  
EDMONTON, AB T5J 0N3

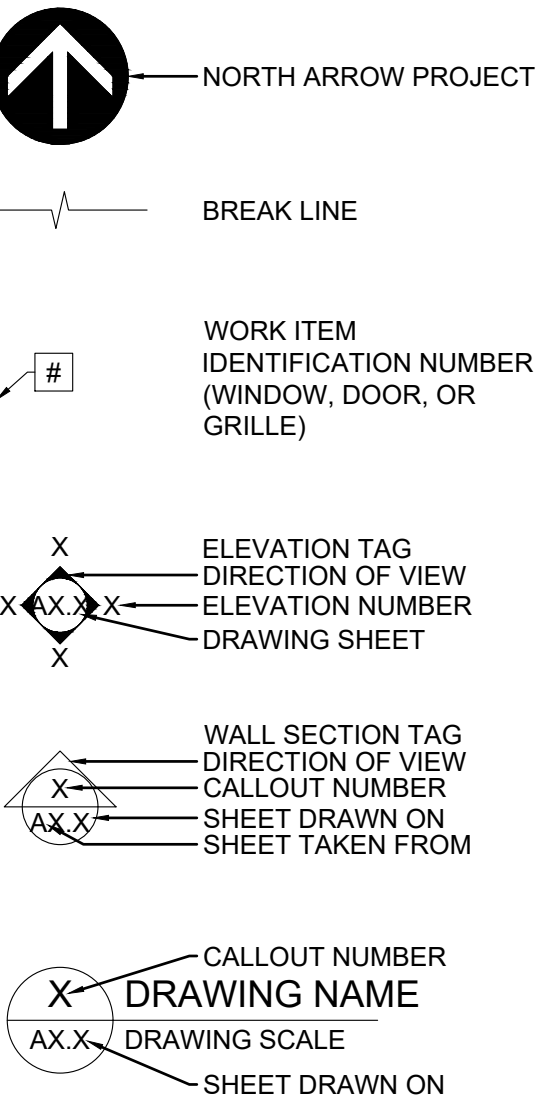
DRAWING LIST

- A0.0 - COVER  
A0.1 - KEY PLAN, SYMBOL LEGEND,  
ABBREVIATIONS, AND GENERAL NOTES  
A1.0 - GROUND FLOOR AREA: CSC PROJECT NO.  
539-2702  
A1.1 - GROUND FLOOR AREA: CSC PROJECT NO.  
539-2704  
A1.2 - GROUND FLOOR AREA: CSC PROJECT NO.  
539-3605  
A1.3 - GUN PORT DETAILS: CSC PROJECT NO. 539-2702,  
CSC PROJECT NO. 539-2704, CSC PROJECT NO.  
539-3605  
A1.4 - EAST & WEST CATWALK AREAS: CSC PROJECT  
NO. 539-2703 PLANS AND ELEVATIONS  
A1.5 - EAST & WEST CATWALK AREAS: CSC PROJECT  
NO. 539-2703 DETAILS  
A1.6 - EAST & WEST CATWALK AREAS: CSC PROJECT  
NO. 539-2703 ADDITIONAL DETAILS AND  
SCHEDULE  
E01 - MAIN FLOOR PLAN - POWER & SYSTEMS

GENERAL NOTES

- 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.

SYMBOL LEGEND



ABBREVIATION LEGEND

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



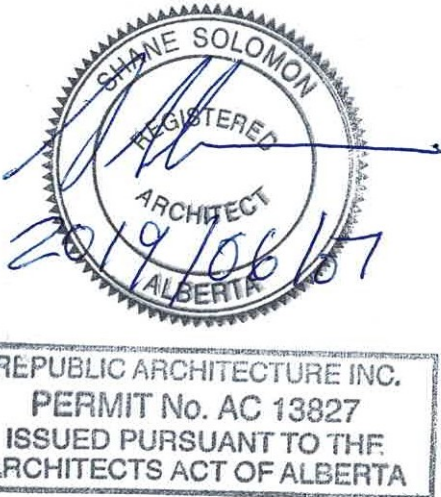
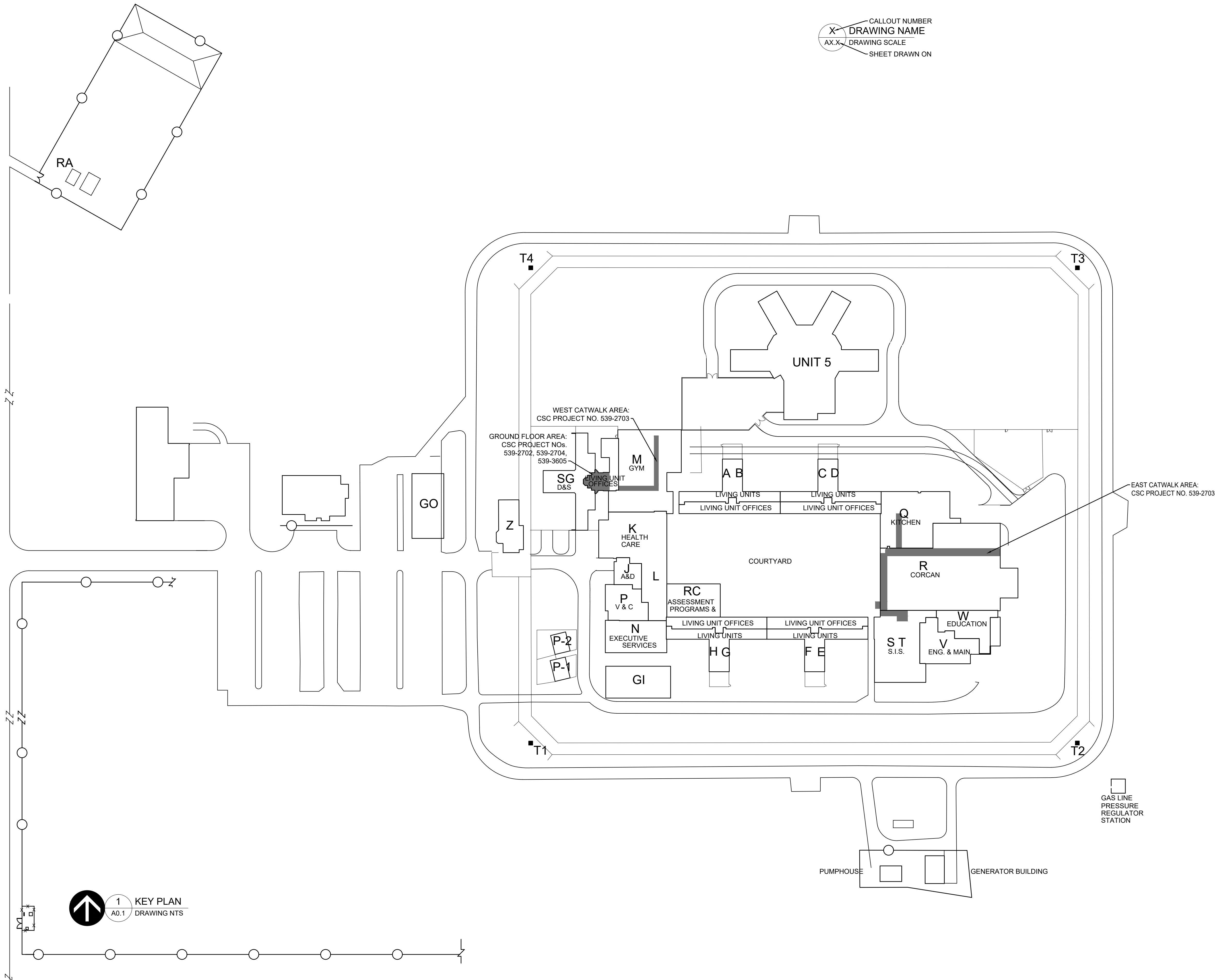
Public Works and  
Government Services  
Canada

Travaux publics et  
Services gouvernementaux  
Canada

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

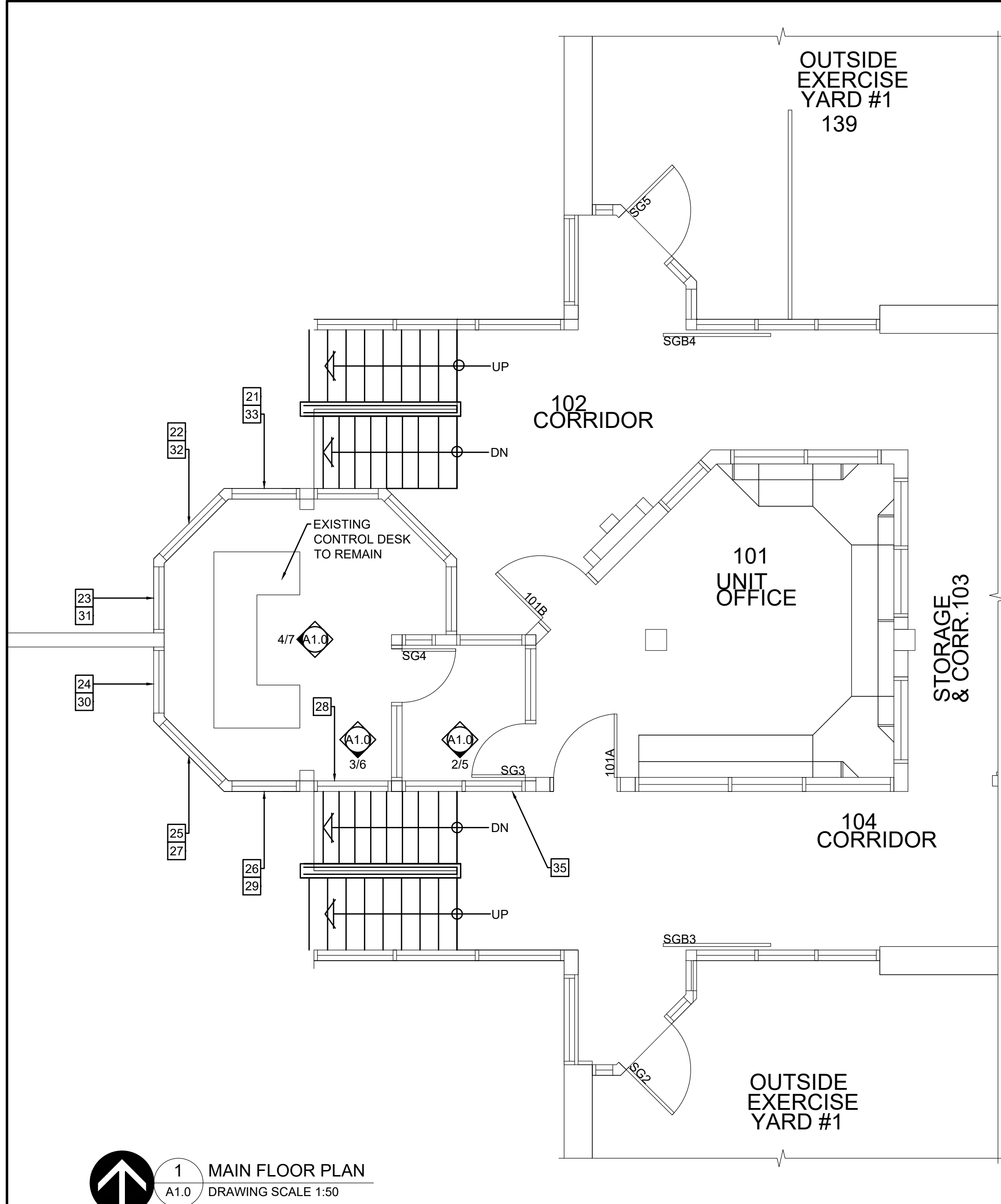
REPUBLIC  
ARCHITECTURE  
INC.

385 St. Mary Avenue  
Winnipeg, MB R3C 0N1  
T 204 989 0102  
F 204 989 0094  
www.republicarchitecture.ca

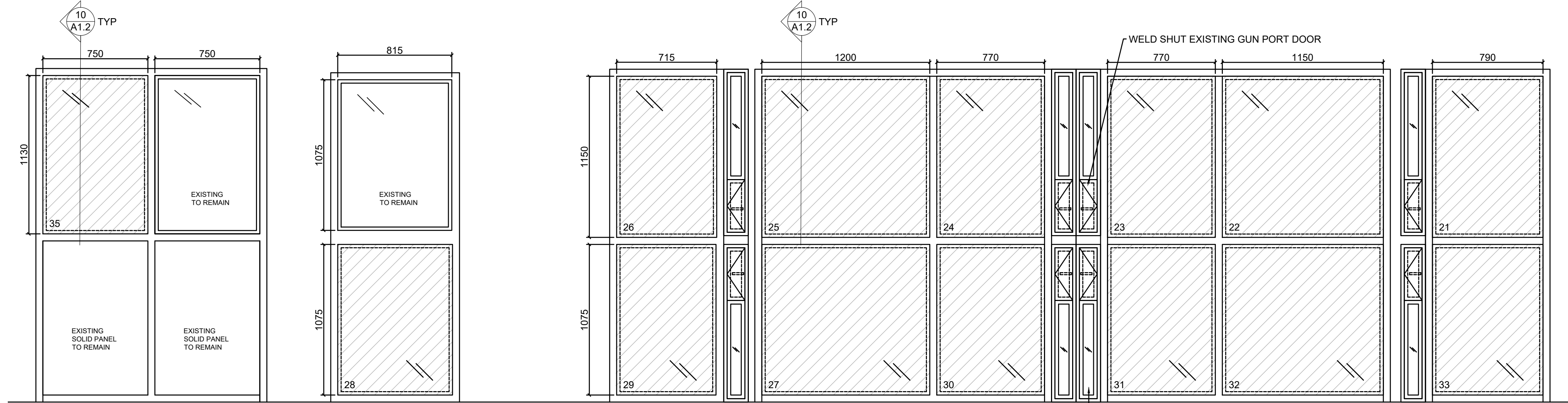


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4	RE-ISSUED FOR TENDER	2019/06/07
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Revision	Description	Date
Client	client	
<div>CORRECTIONAL SERVICES OF CANADA (CSC) EDMONTON INSTITUTE  EDMONTON, ALBERTA</div>		
Project	Projet	
<div>EDMONTON, ALBERTA 21611 MERIDIAN STREET EDMONTON INSTITUTION  GUN PORT REPLACEMENT, RETROFIT AND MODERNIZATION</div>		
Designed by	Conçu par	
NOAH JACOBSON		
Drawn by	Dessiné par	
MELANIE PRATT		
Approved by	Approuvé par	
CRISTINA BUSTAMANTE		
TPGSC Project Manager	Administrateur de Projets TPGSC	
JOHN SHORT		
Drawing title	Titre du dessin	
<div>KEY PLAN, SYMBOL LEGEND, ABBREVIATIONS, AND GENERAL NOTES</div>		
Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.091022.001	A0.1 OF 9	4





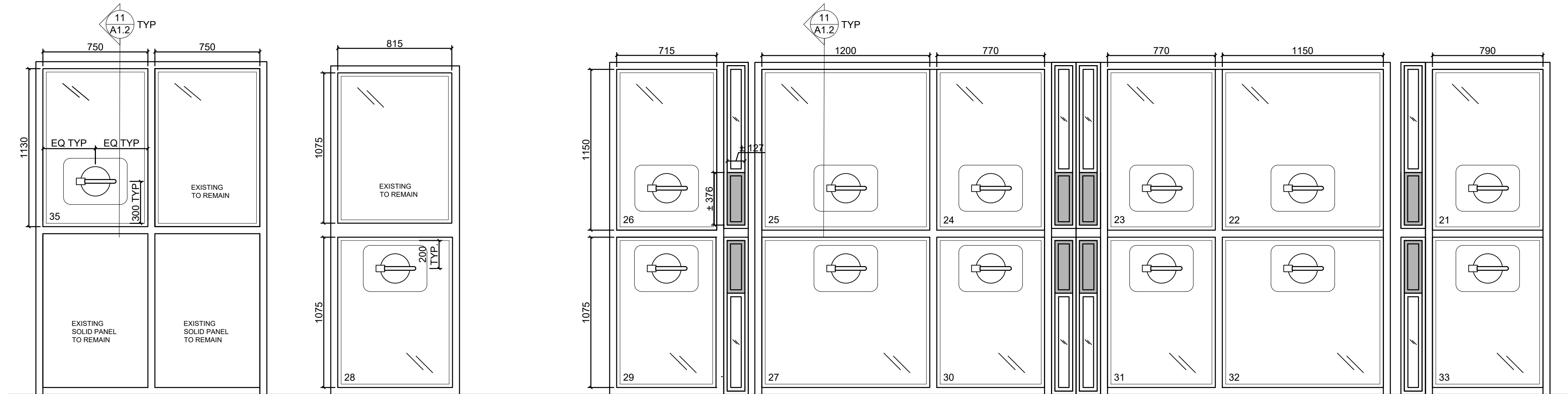
1 MAIN FLOOR PLAN  
A1.0 DRAWING SCALE 1:50



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

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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**

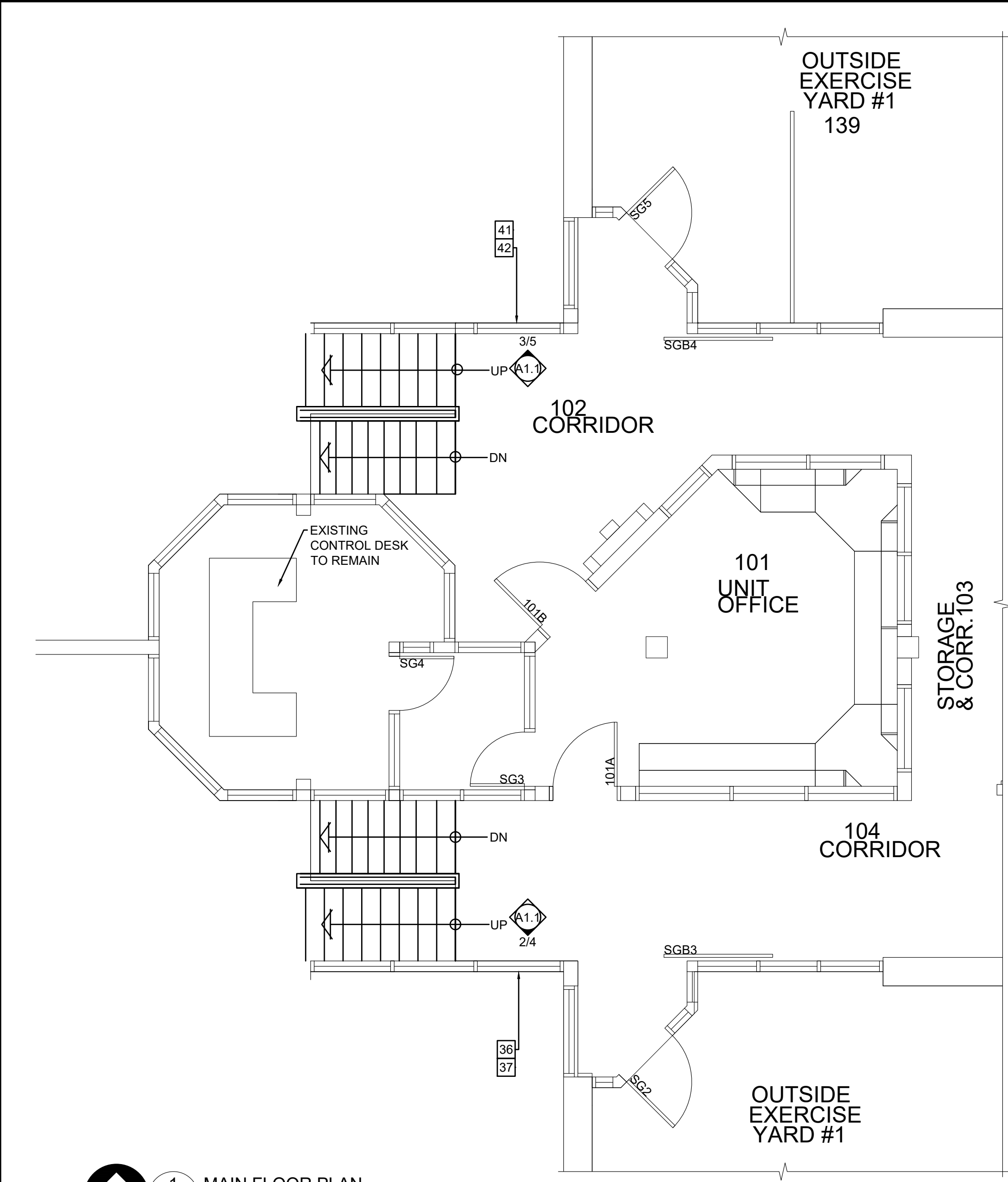
PWGSC Project Manager Administrateur de Projets TPSGC  
**JOHN SHORT**

Drawing Title Titre du dessin

**GROUND FLOOR AREA:  
CSC PROJECT NO. 539-2702**

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
<b>R.091022.001</b>	<b>A1.0</b>	<b>4</b>

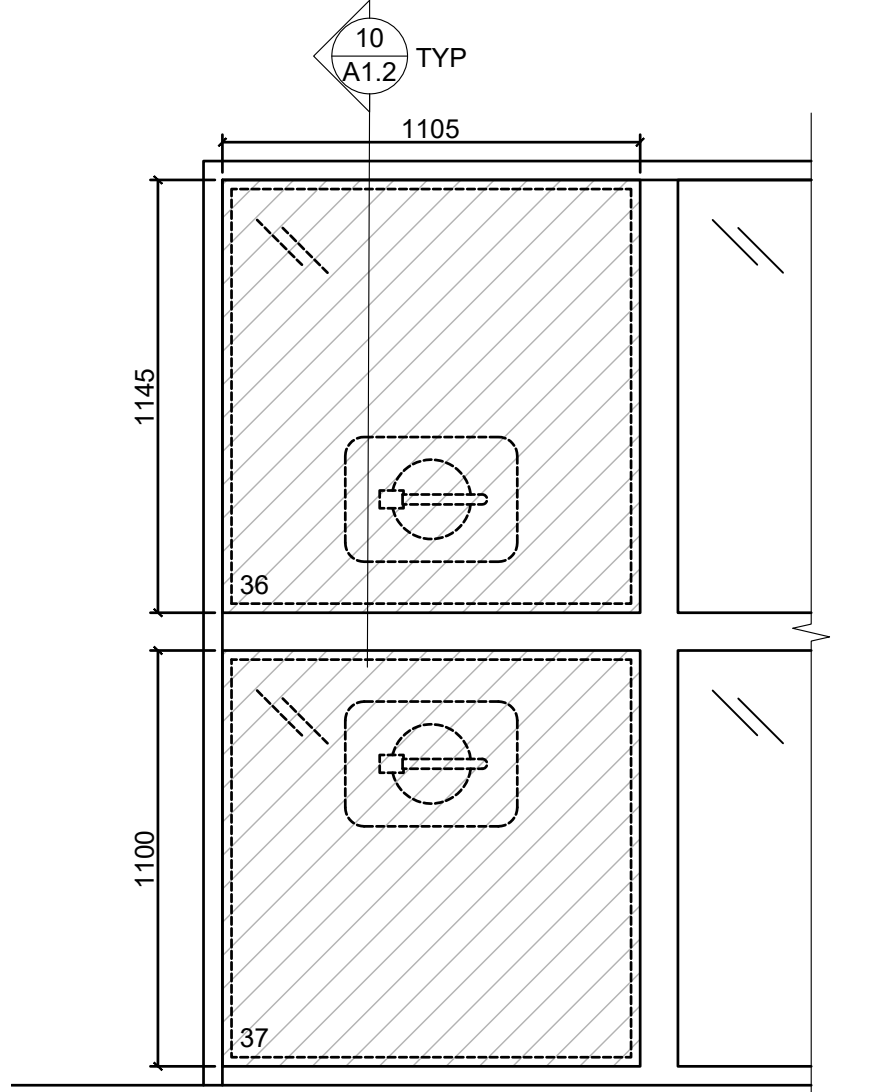
OF 9



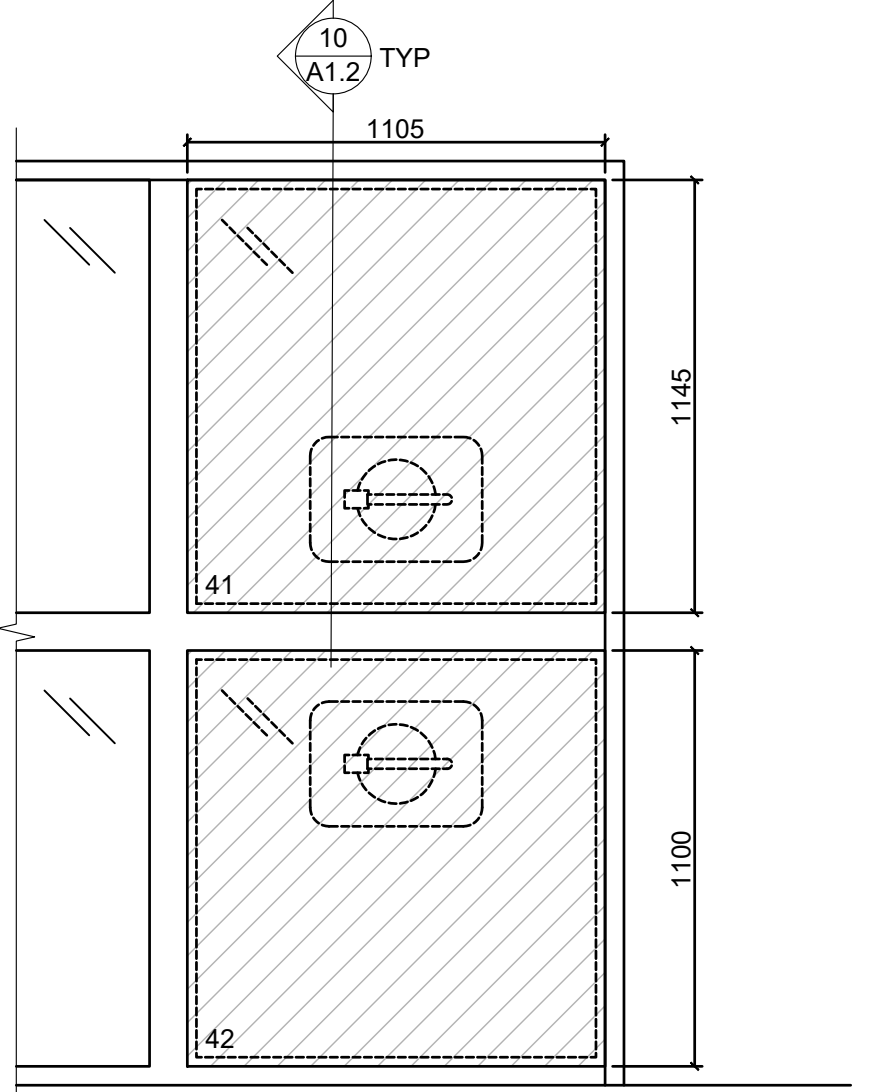
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A1.0 / DRAWING SCALE 1:50

# DENOTES WINDOW NUMBER

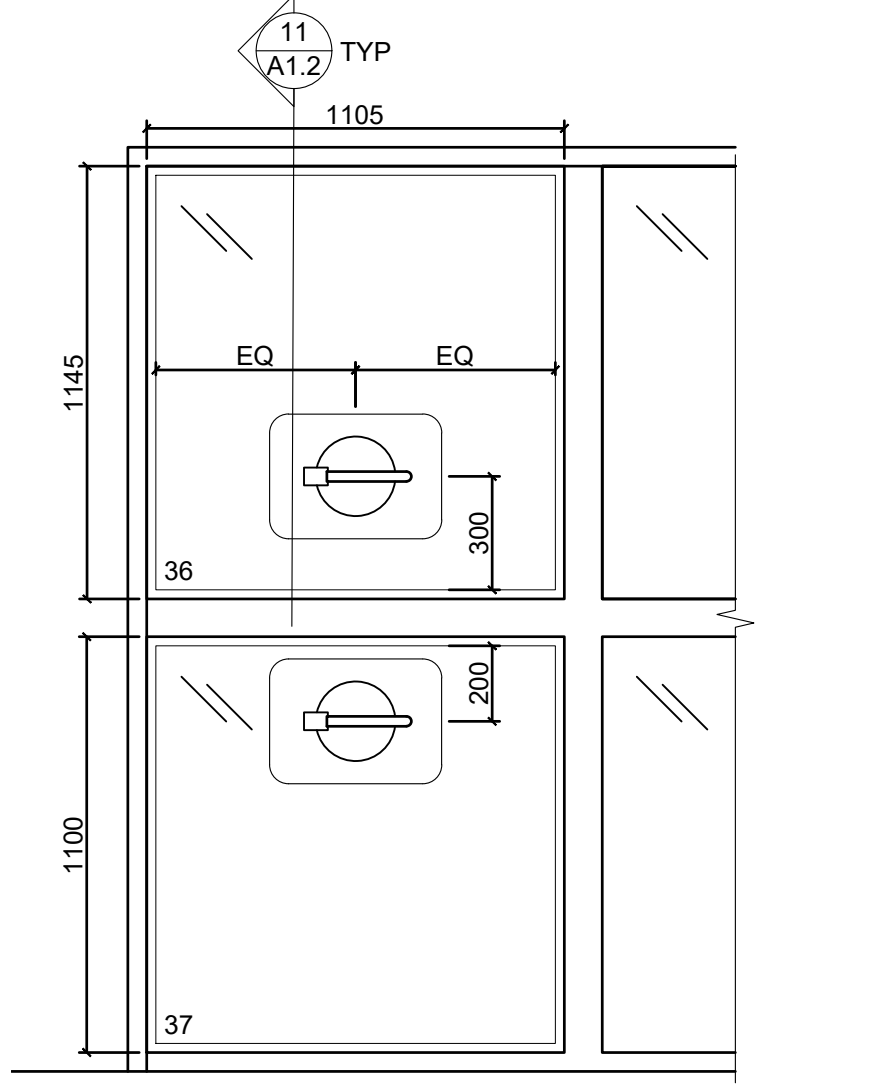
GLAZING TO BE REPLACED



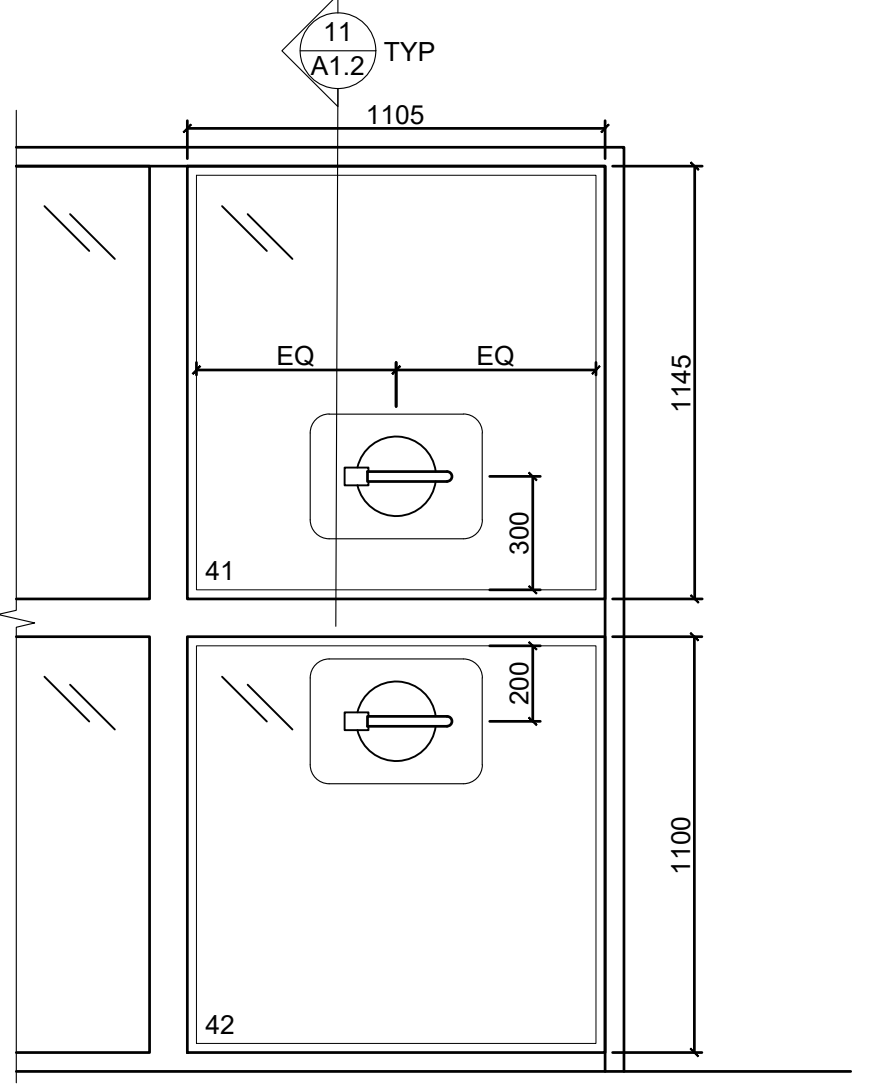
2 WINDOWS 36, 37 DEMOLITION  
A1.1 / DRAWING SCALE 1:20



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



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



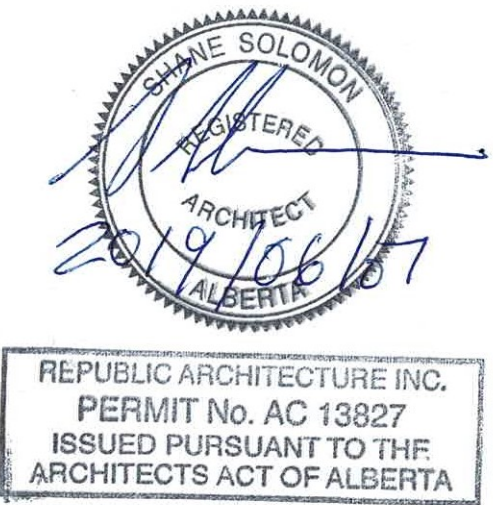
5 WINDOWS 41, 42 NEW CONSTRUCTION  
A1.1 / DRAWING SCALE 1:20

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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3	ISSUED FOR TENDER	2019/05/16
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0	DESIGN DEVELOPMENT	2018/11/06

Revision	Description	Date
Client	client	

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  
NOAH JACOBSON

Drawn by  
MELANIE PRATT

Approved by  
CRISTINA BUSTAMANTE

PWGSC Project Manager  
JOHN SHORT

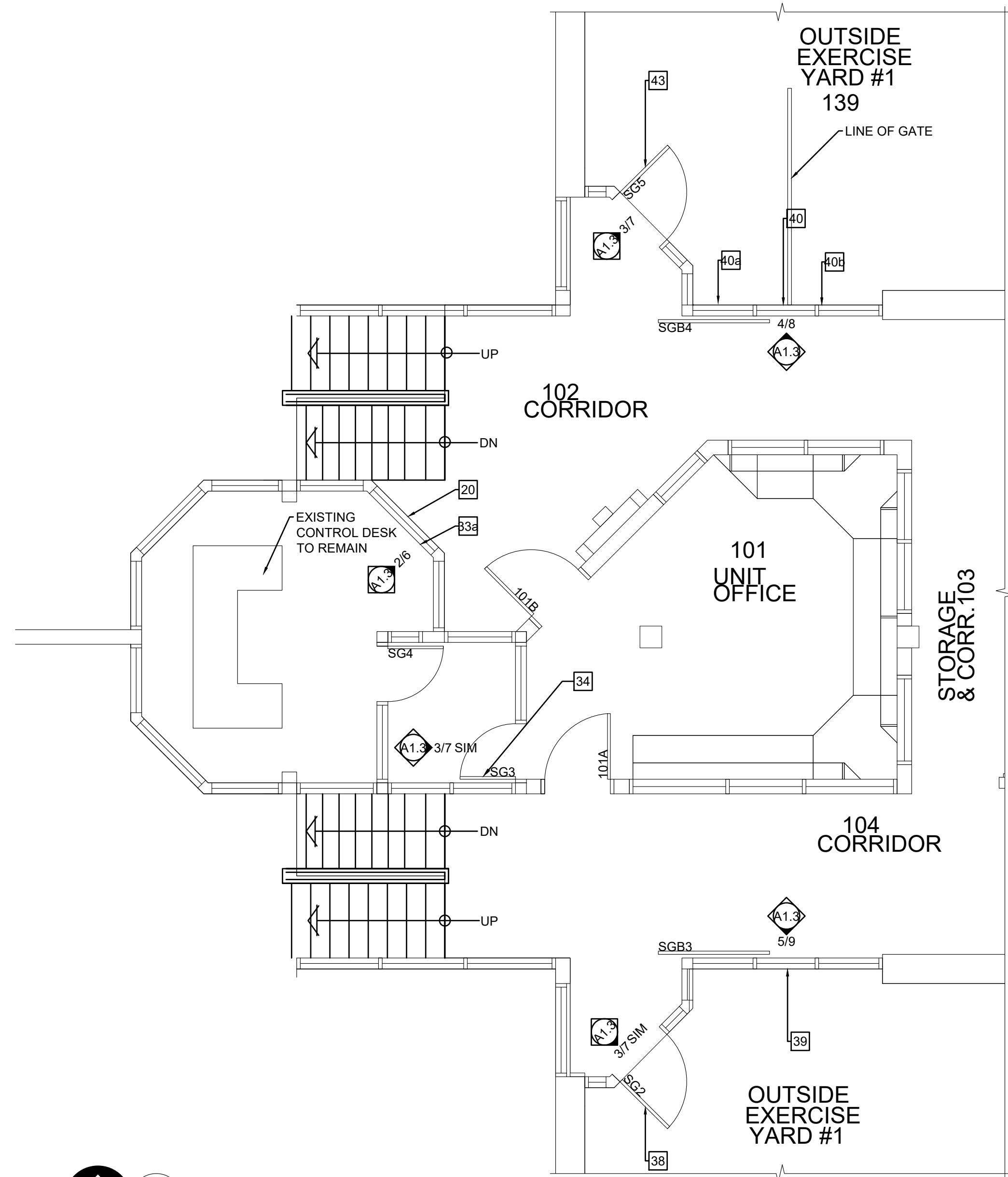
Administrateur de Projets TPSGC

Drawing Title

GROUND FLOOR AREA:  
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

# DENOTES WINDOW NUMBER

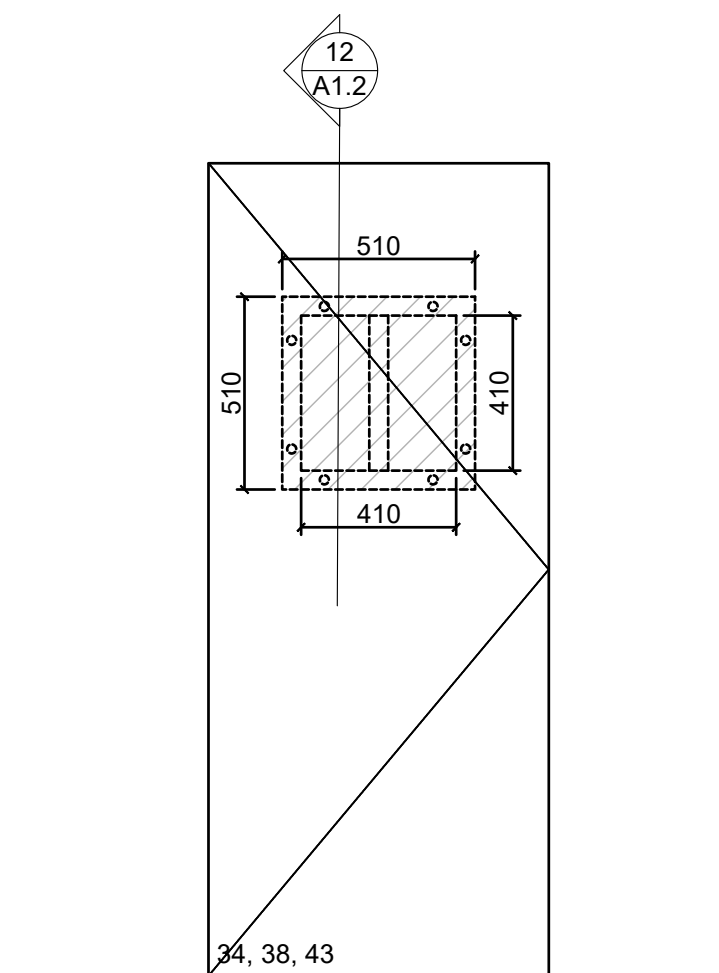
GLAZING TO BE REPLACED

#### DEMOLITION NOTES

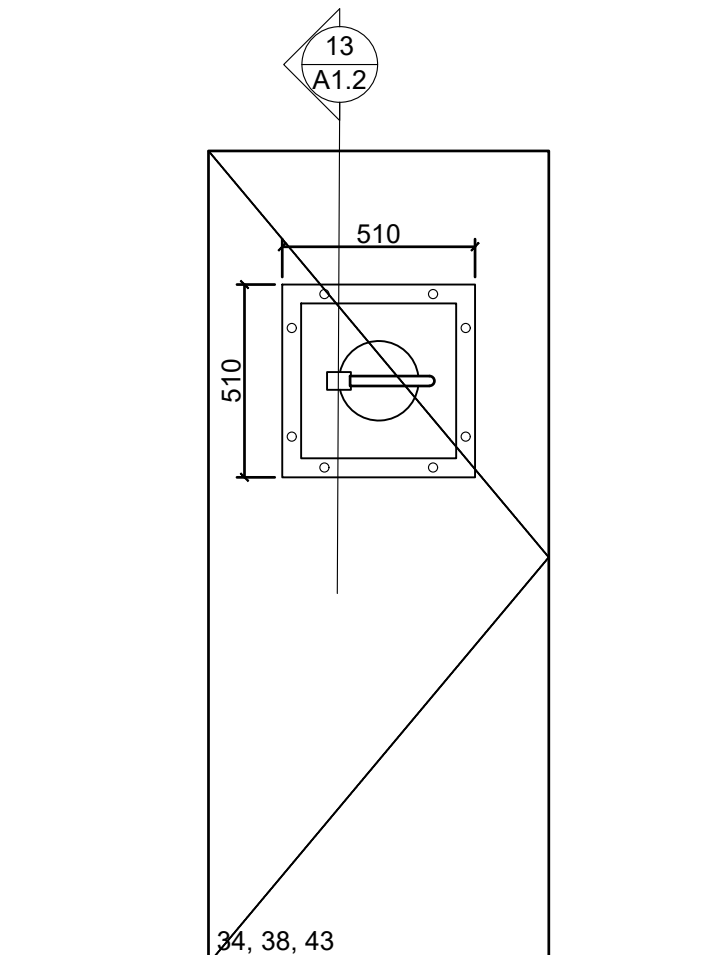
- REMOVE EXISTING GLAZING STOP AND SET ASIDE FOR RE-INSTALLATION.
- REMOVE EXISTING GLAZING AND GUN PORTS AT AREAS INDICATED.

#### CONSTRUCTION NOTES

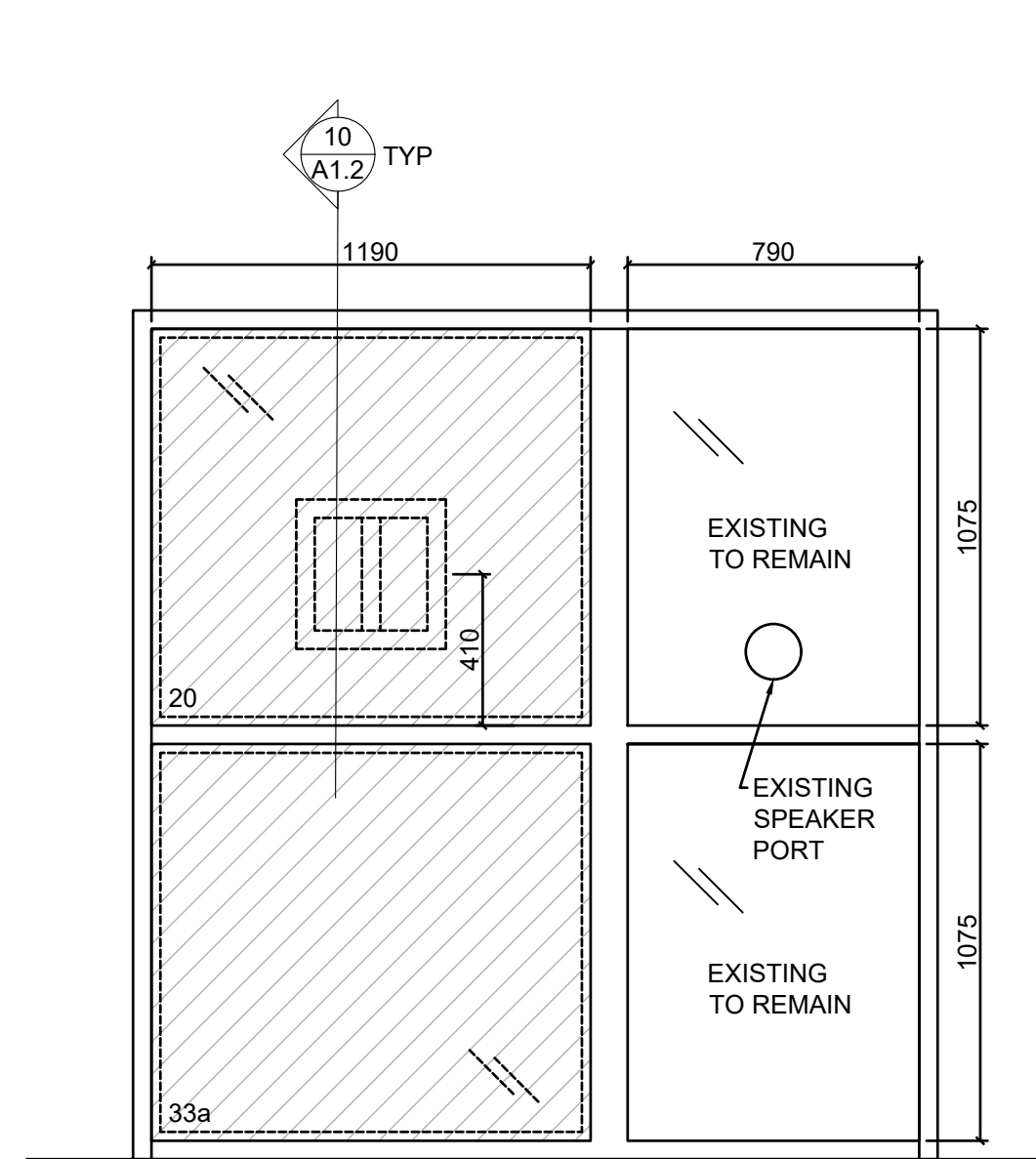
- INSTALL NEW GLAZING AND GUN PORT ASSEMBLY AT AREAS INDICATED.
- TOUCH UP PAINT IN AREAS AFFECTED BY CONSTRUCTION TO MATCH EXISTING.



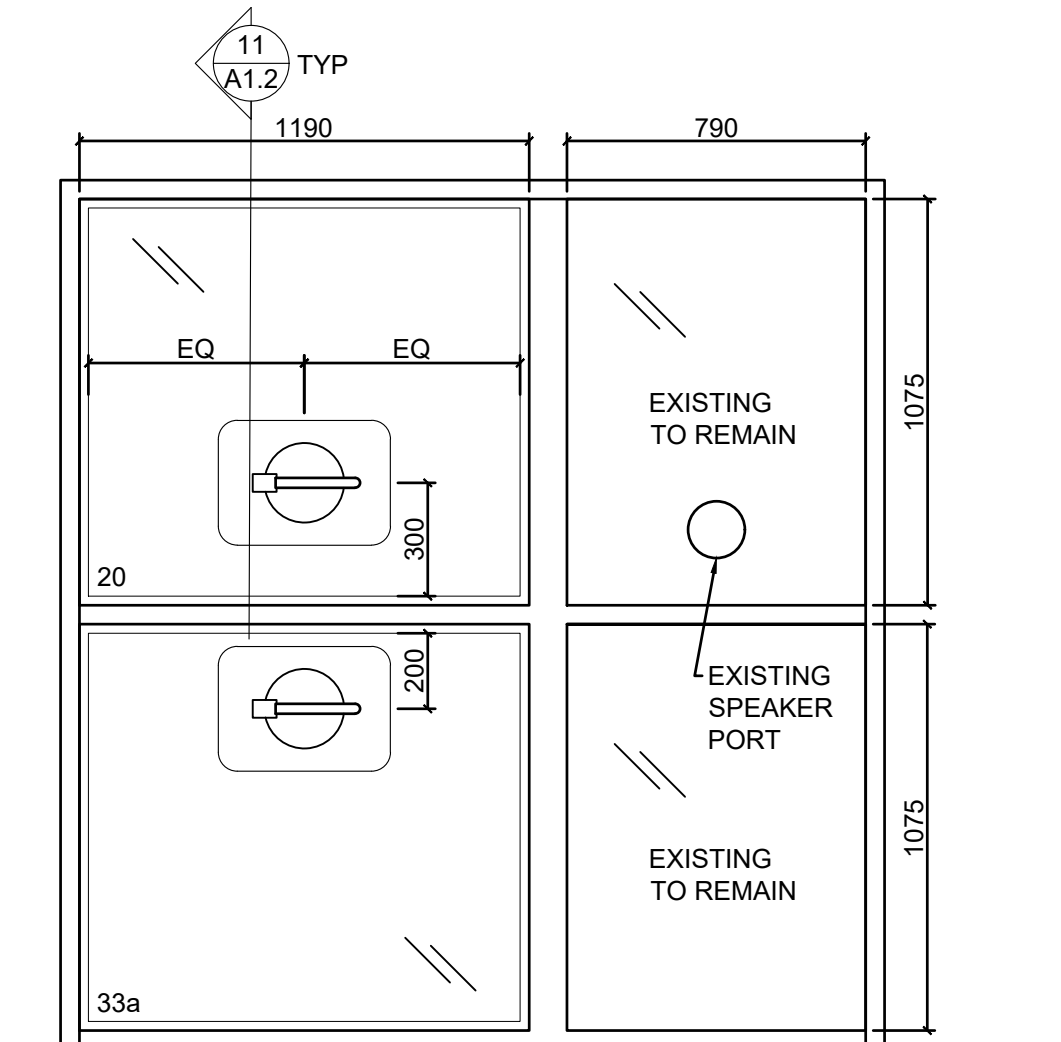
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A1.2 / DRAWING SCALE 1:20



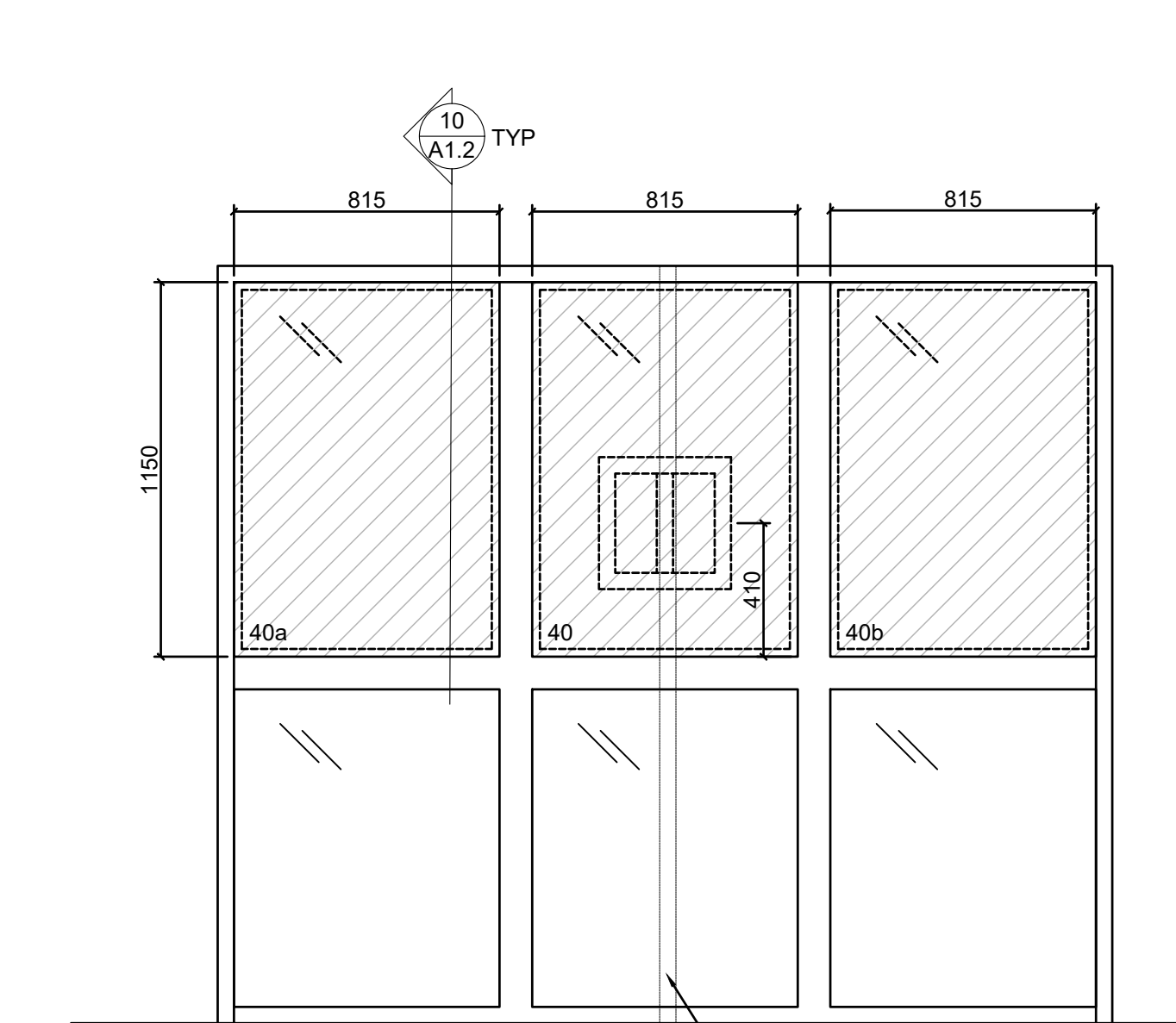
7 TYPICAL DOOR NEW CONSTRUCTION  
A1.2 / DRAWING SCALE 1:20



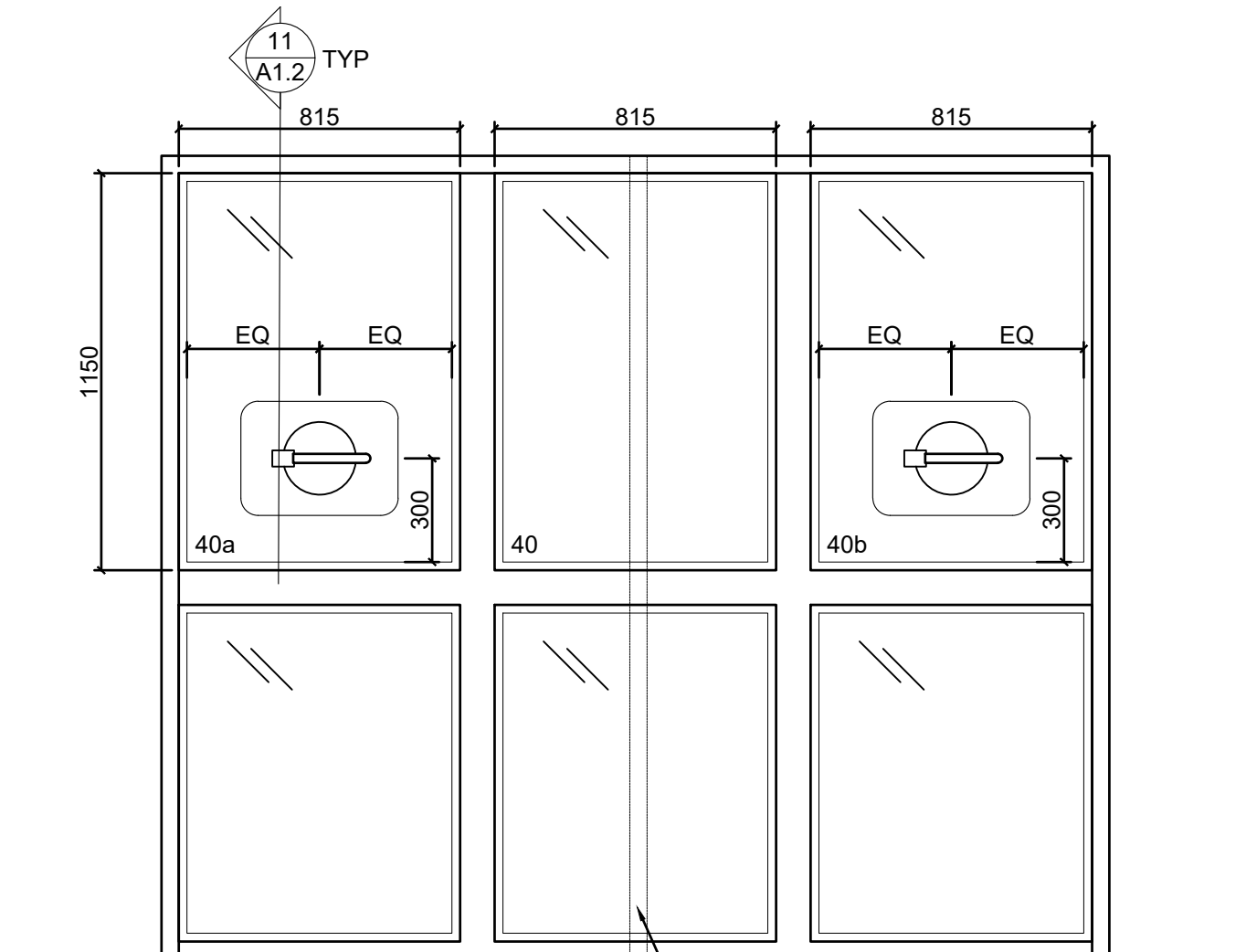
2 WINDOWS 20, 33a DEMOLITION  
A1.2 / DRAWING SCALE 1:20



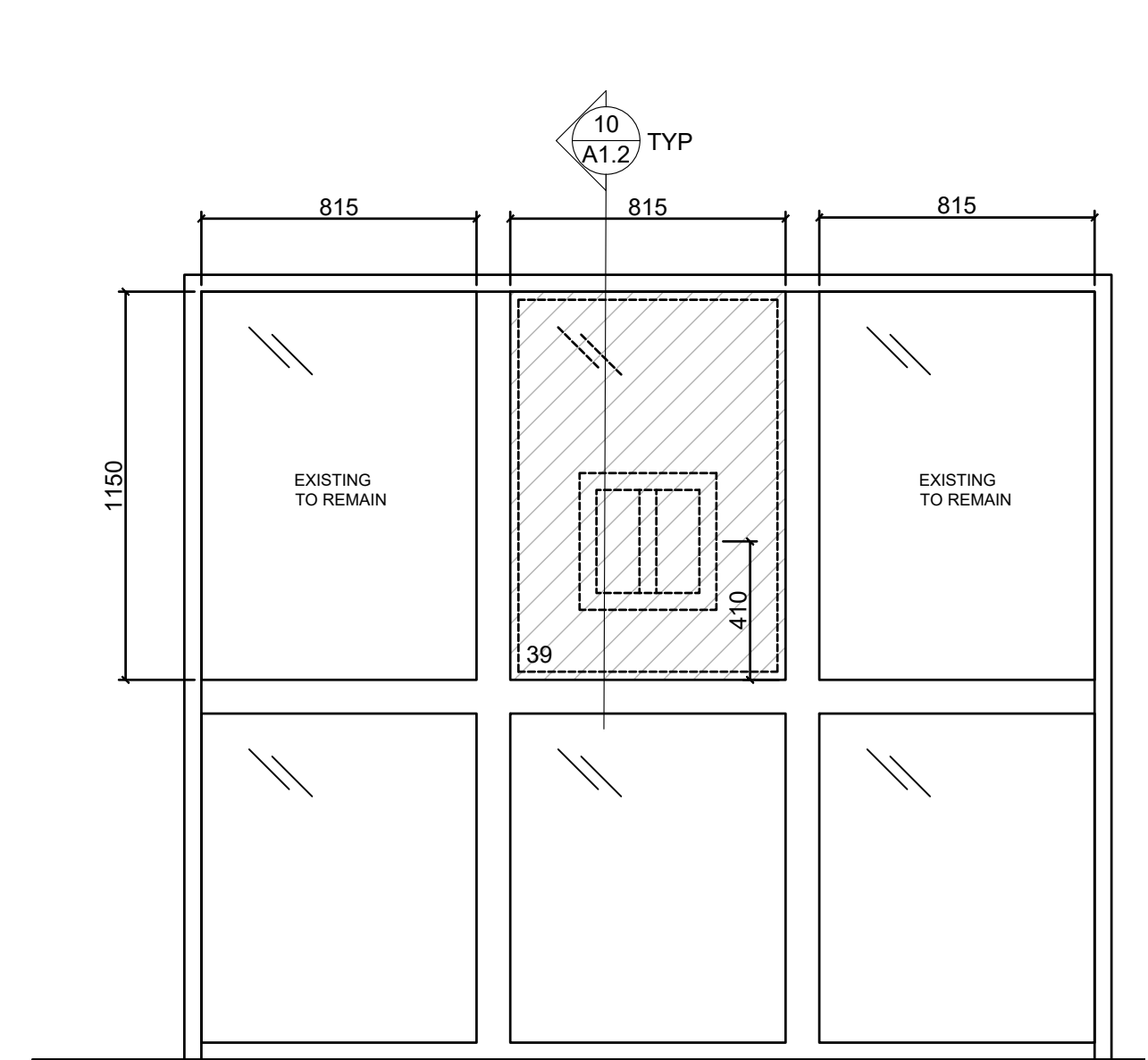
6 WINDOWS 20, 33a NEW CONSTRUCTION  
A1.2 / DRAWING SCALE 1:20



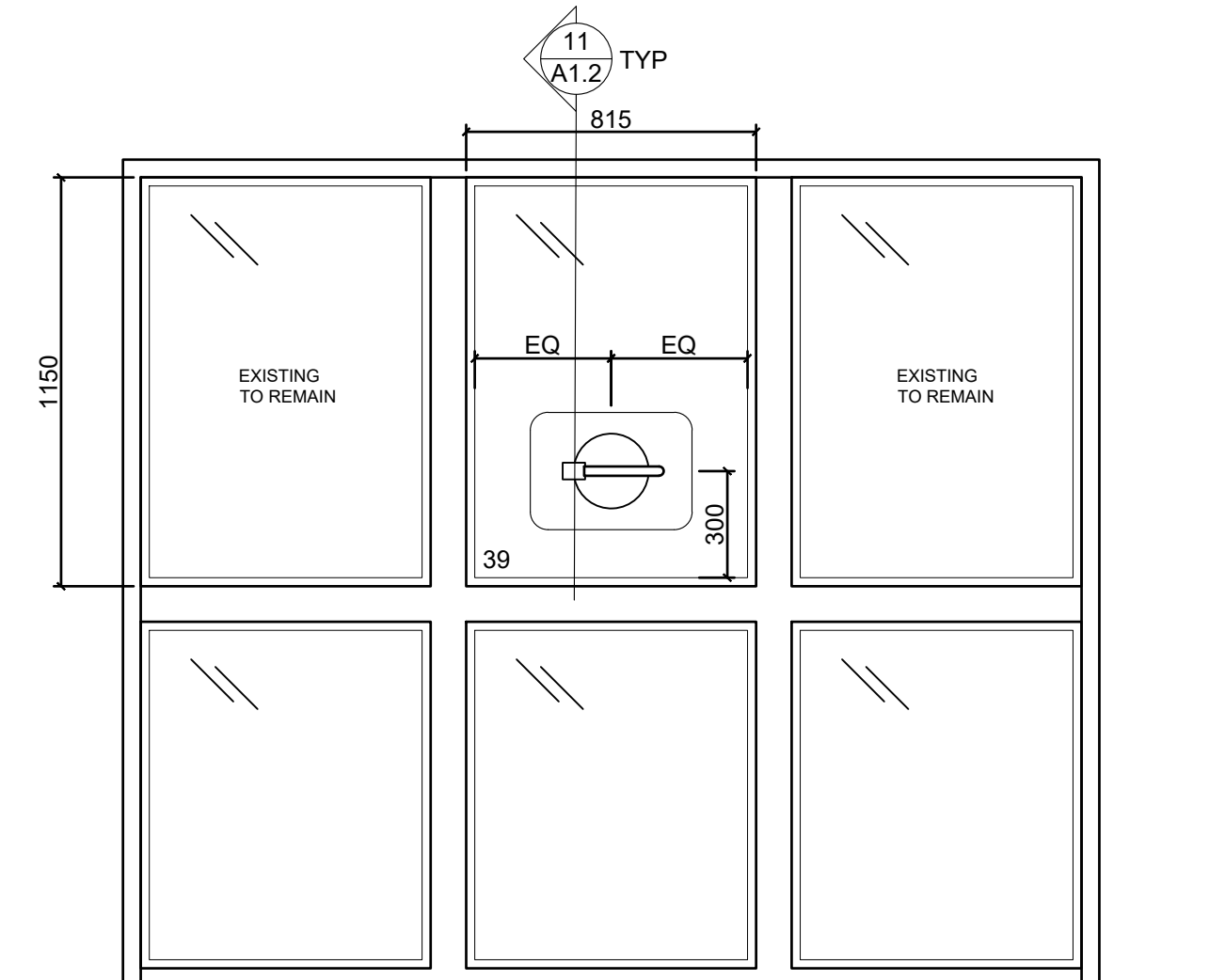
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A1.2 / DRAWING SCALE 1:20



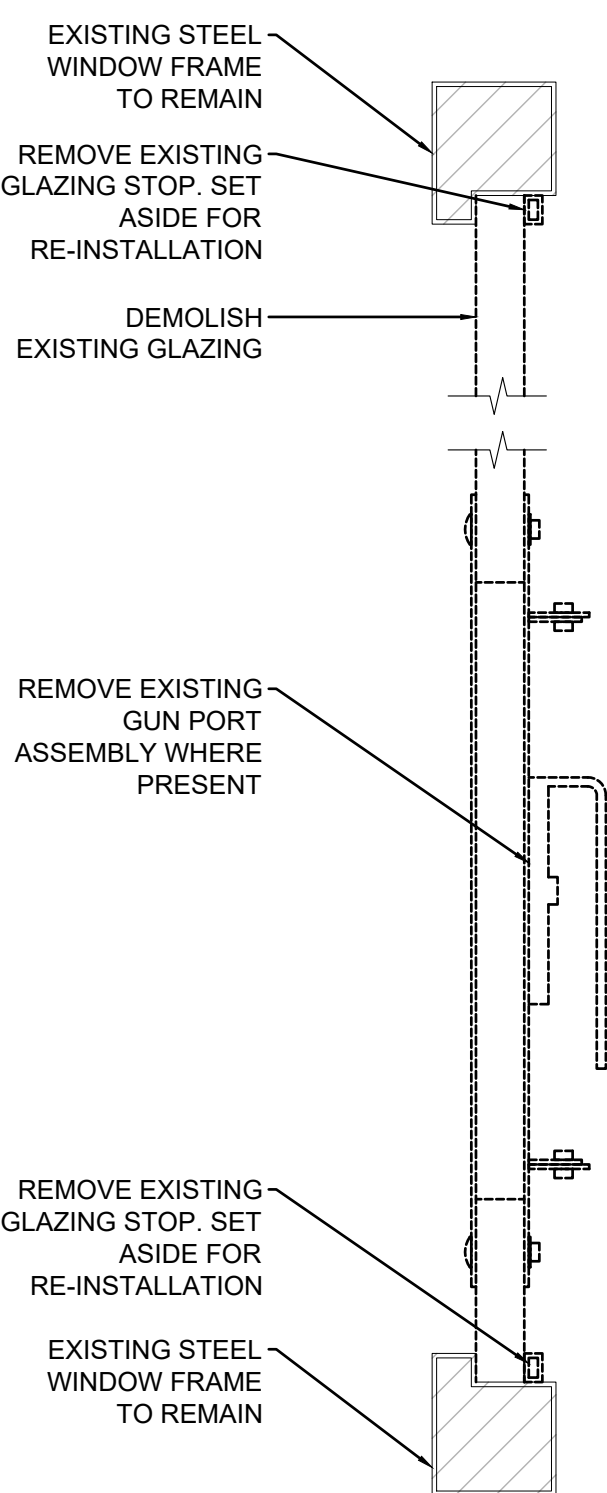
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A1.2 / DRAWING SCALE 1:20



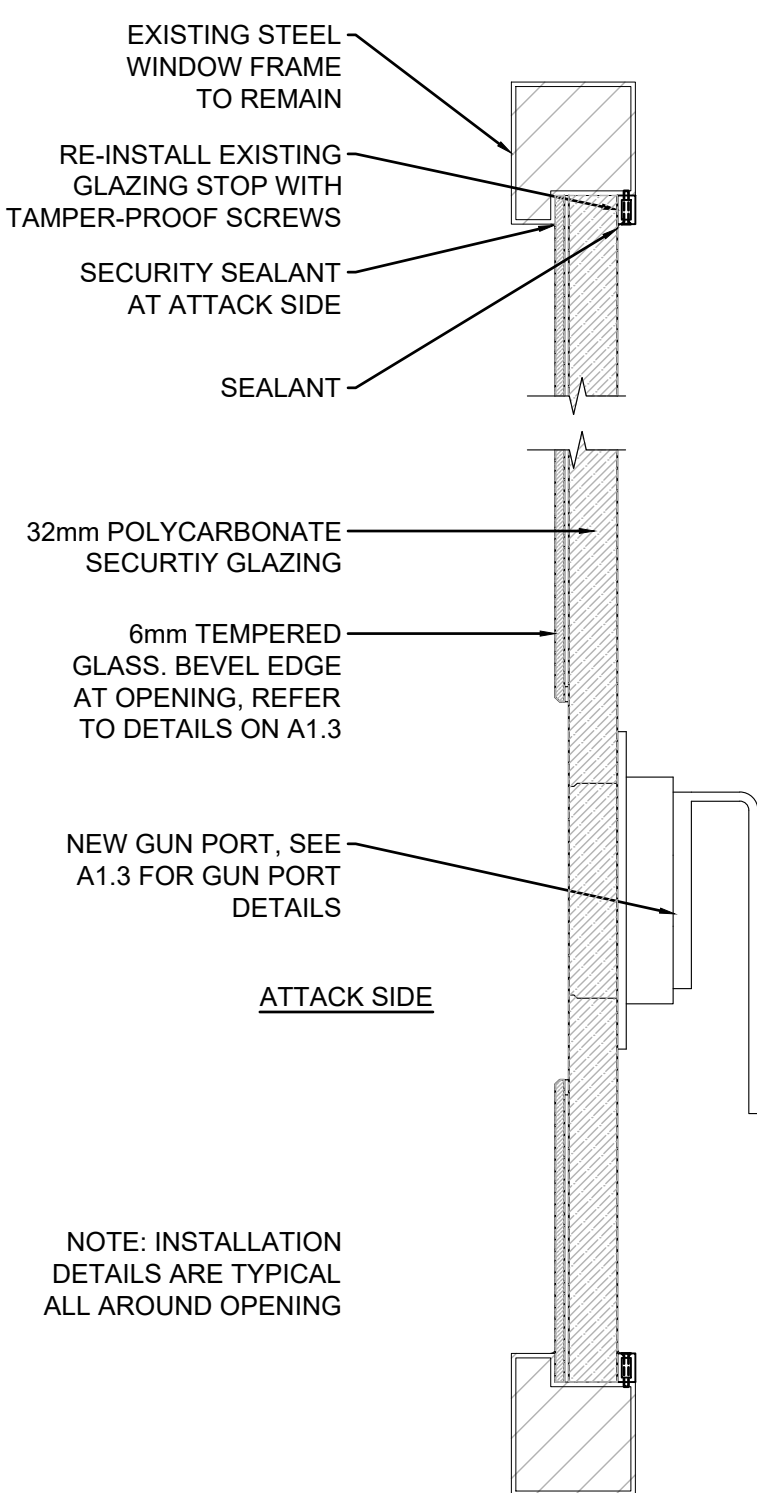
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A1.2 / DRAWING SCALE 1:20



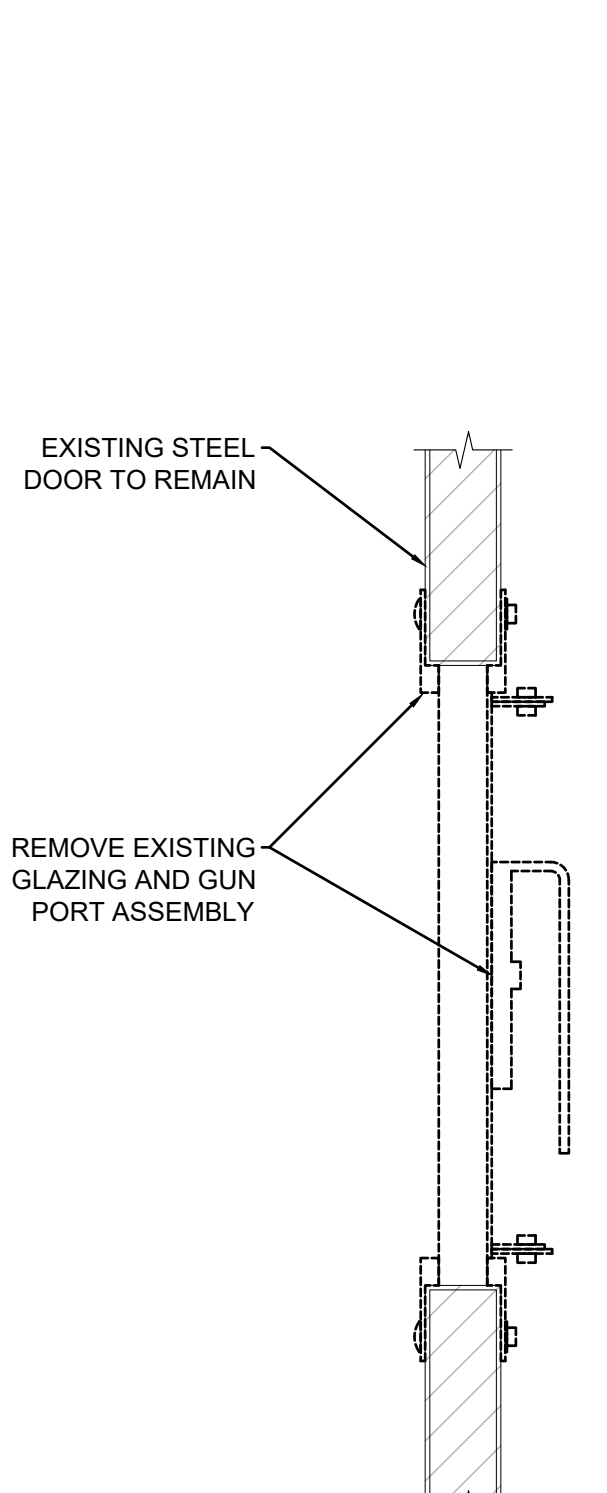
9 WINDOW 39 NEW CONSTRUCTION  
A1.2 / DRAWING SCALE 1:20



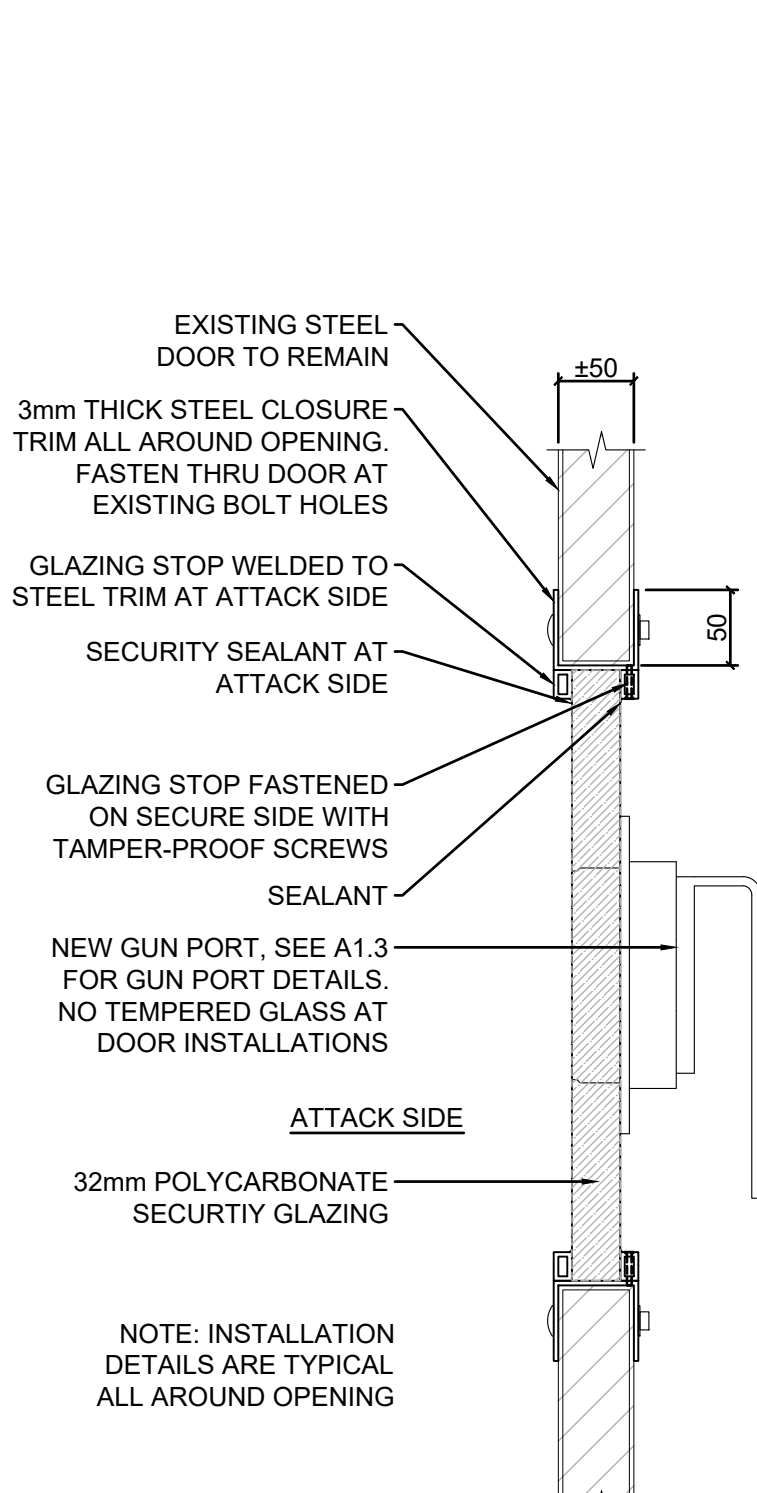
10 TYPICAL GUN PORT IN GLAZING SECTION DETAIL - DEMOLITION  
A1.2 / DRAWING SCALE 1:5



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

Revision	Description	Date
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

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

EDMONTON, ALBERTA  
21611 MERIDIAN STREET  
EDMONTON INSTITUTE

GUN PORT REPLACEMENT,  
RETROFIT AND  
MODERNIZATION

Designed by  
NOAH JACOBSON

Drawn by  
MELANIE PRATT

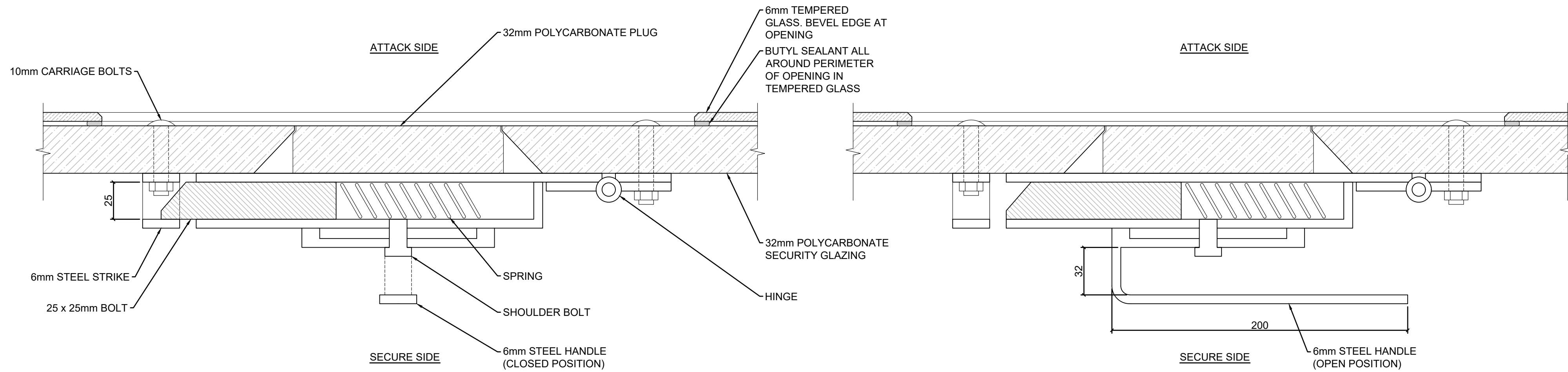
Approved by  
CRISTINA BUSTAMANTE

PWGSC Project Manager  
JOHN SHORT

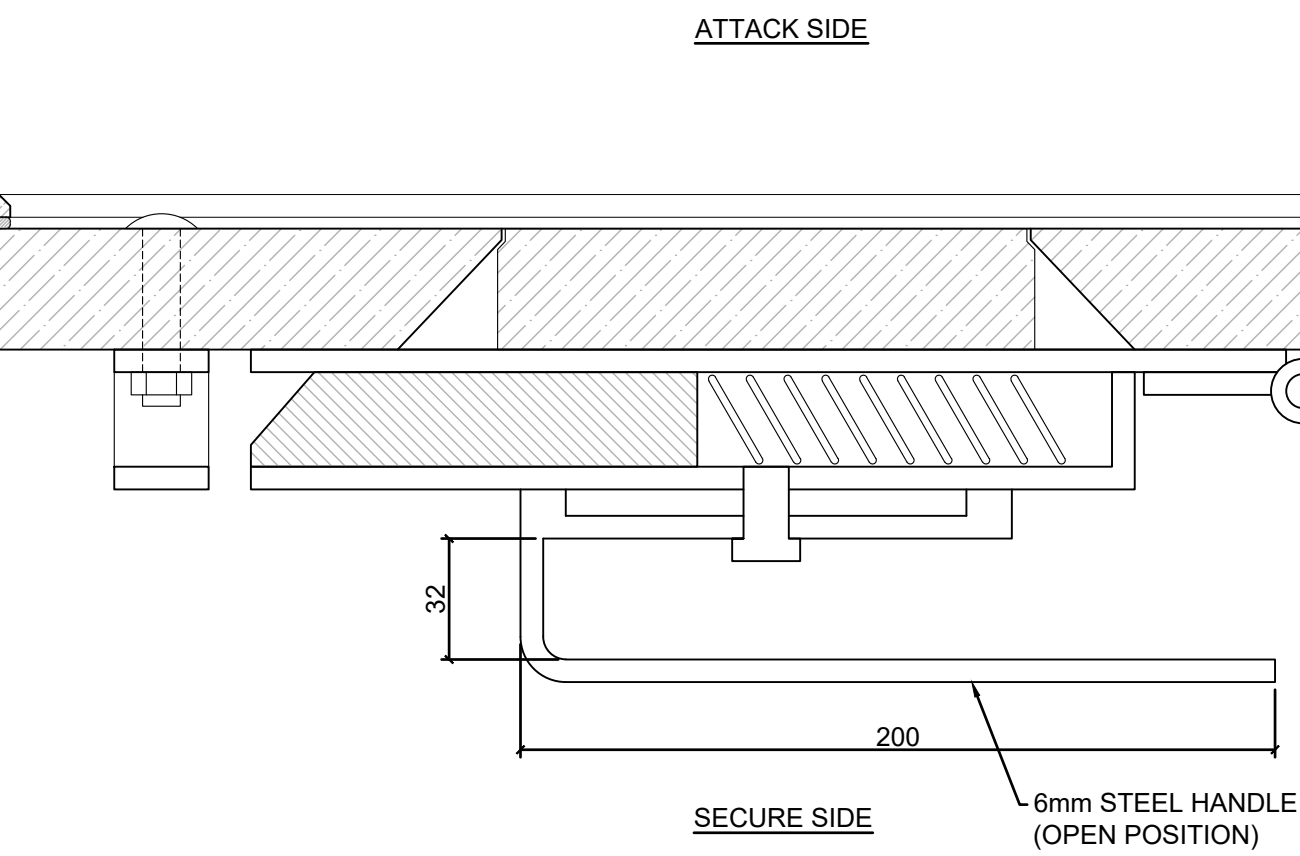
Administrateur de Projets TPSGC

GROUND FLOOR AREA:  
CSC PROJECT NO. 539-3605

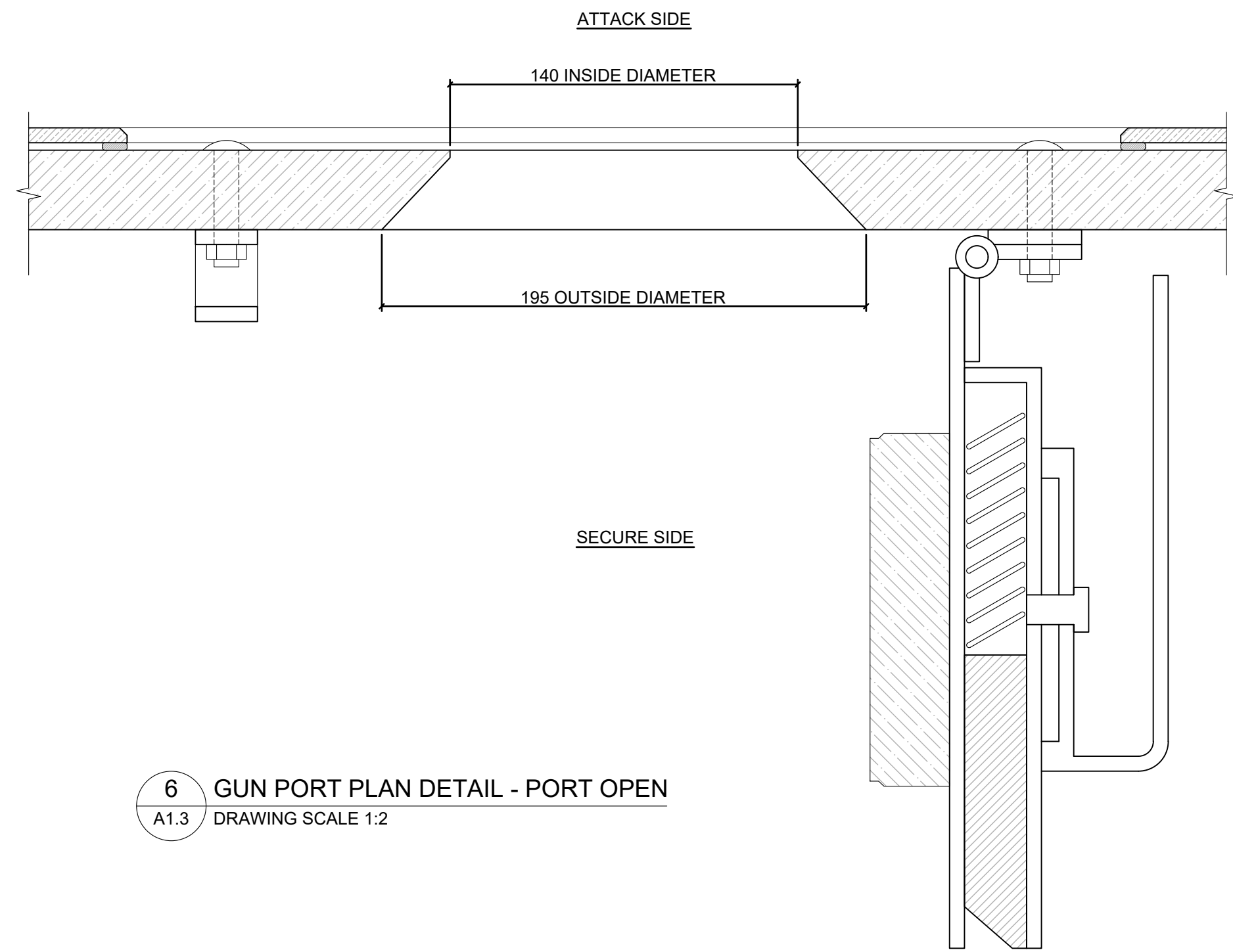




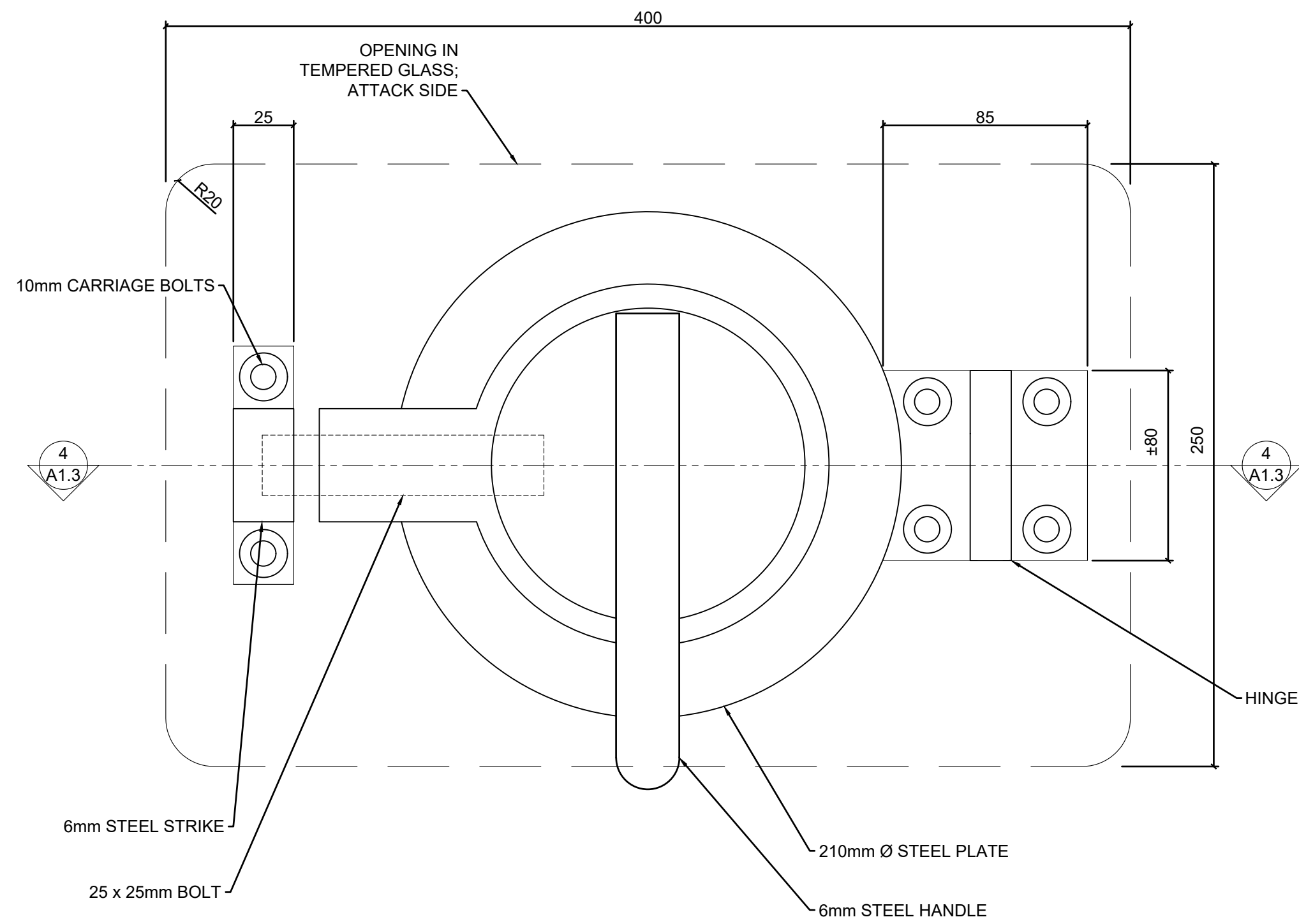
4 GUN PORT PLAN DETAIL - CATCH BOLT EXTENDED  
A1.3 / DRAWING SCALE 1:2



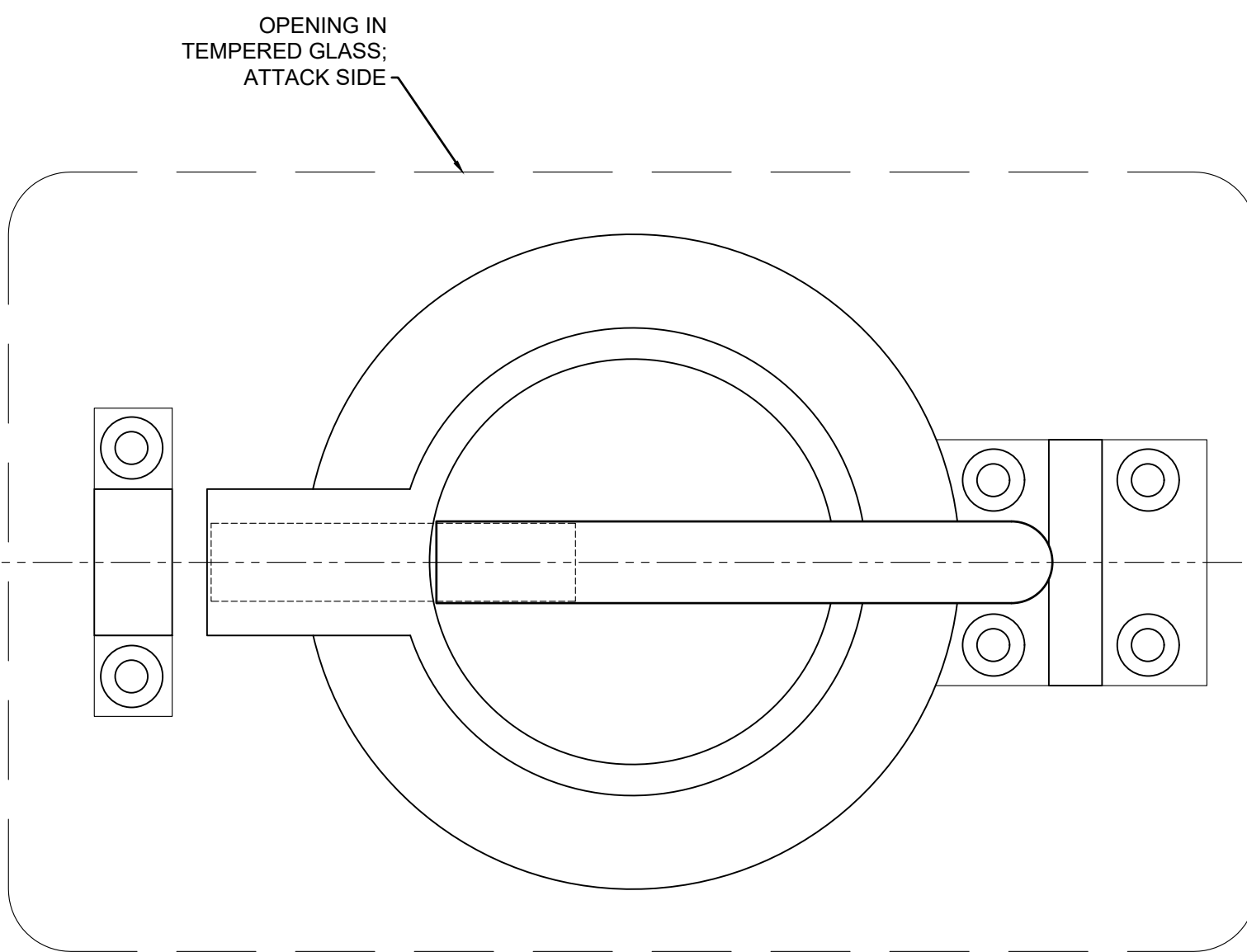
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A1.3 / DRAWING SCALE 1:2



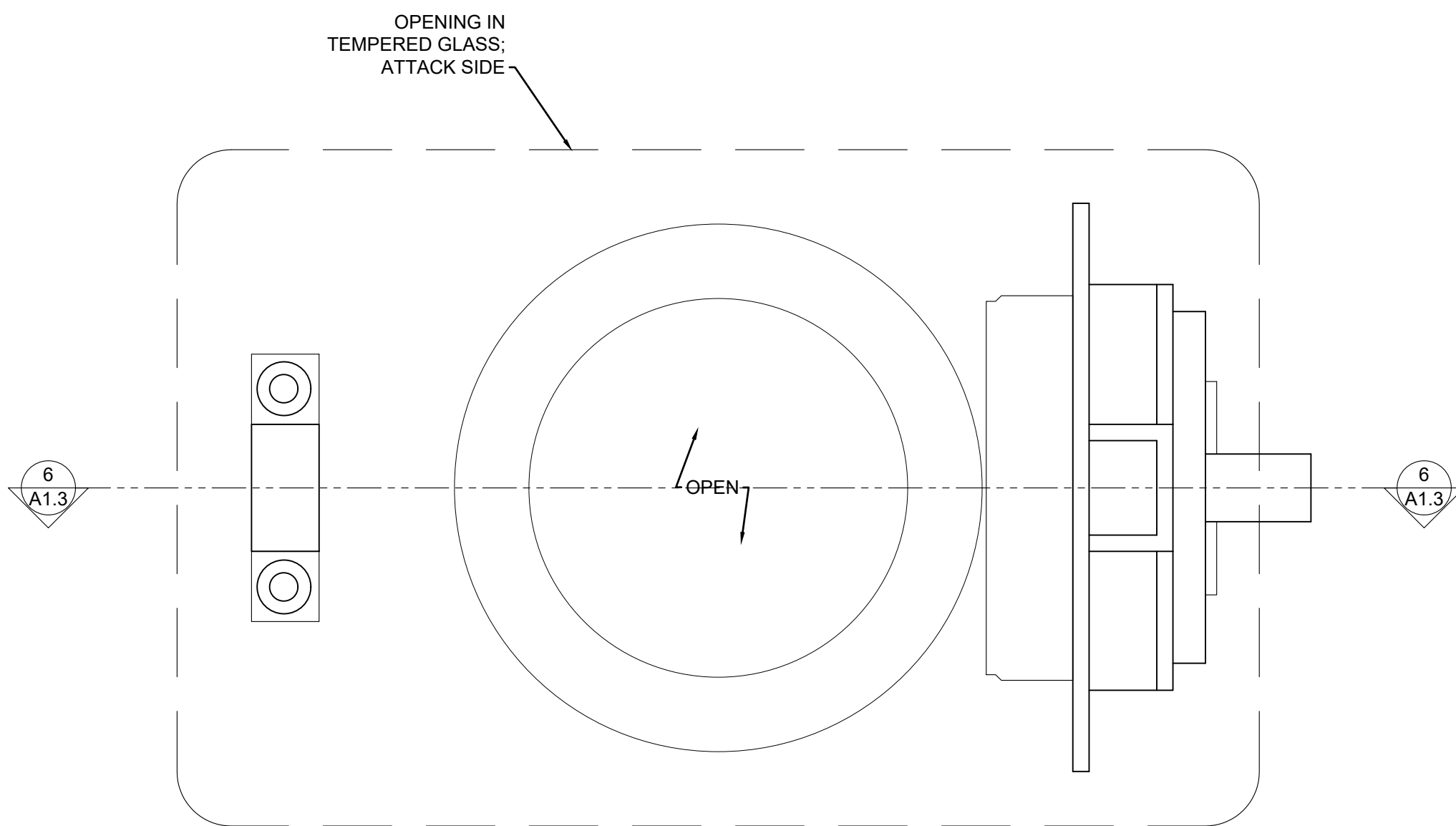
6 GUN PORT PLAN DETAIL - PORT OPEN  
A1.3 / DRAWING SCALE 1:2



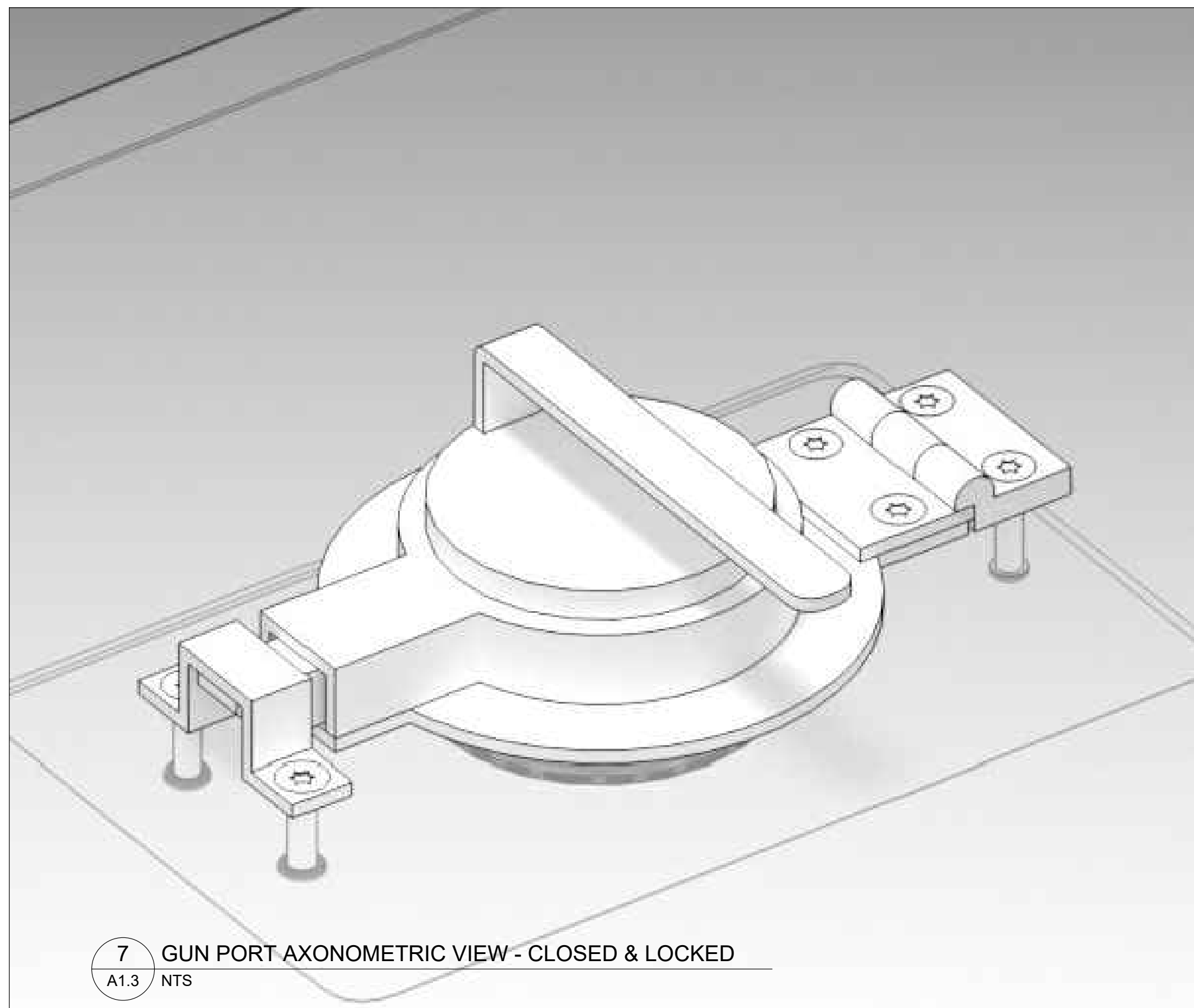
1 GUN PORT ELEVATION - SECURE SIDE, CATCH BOLT EXTENDED  
A1.3 / DRAWING SCALE 1:2



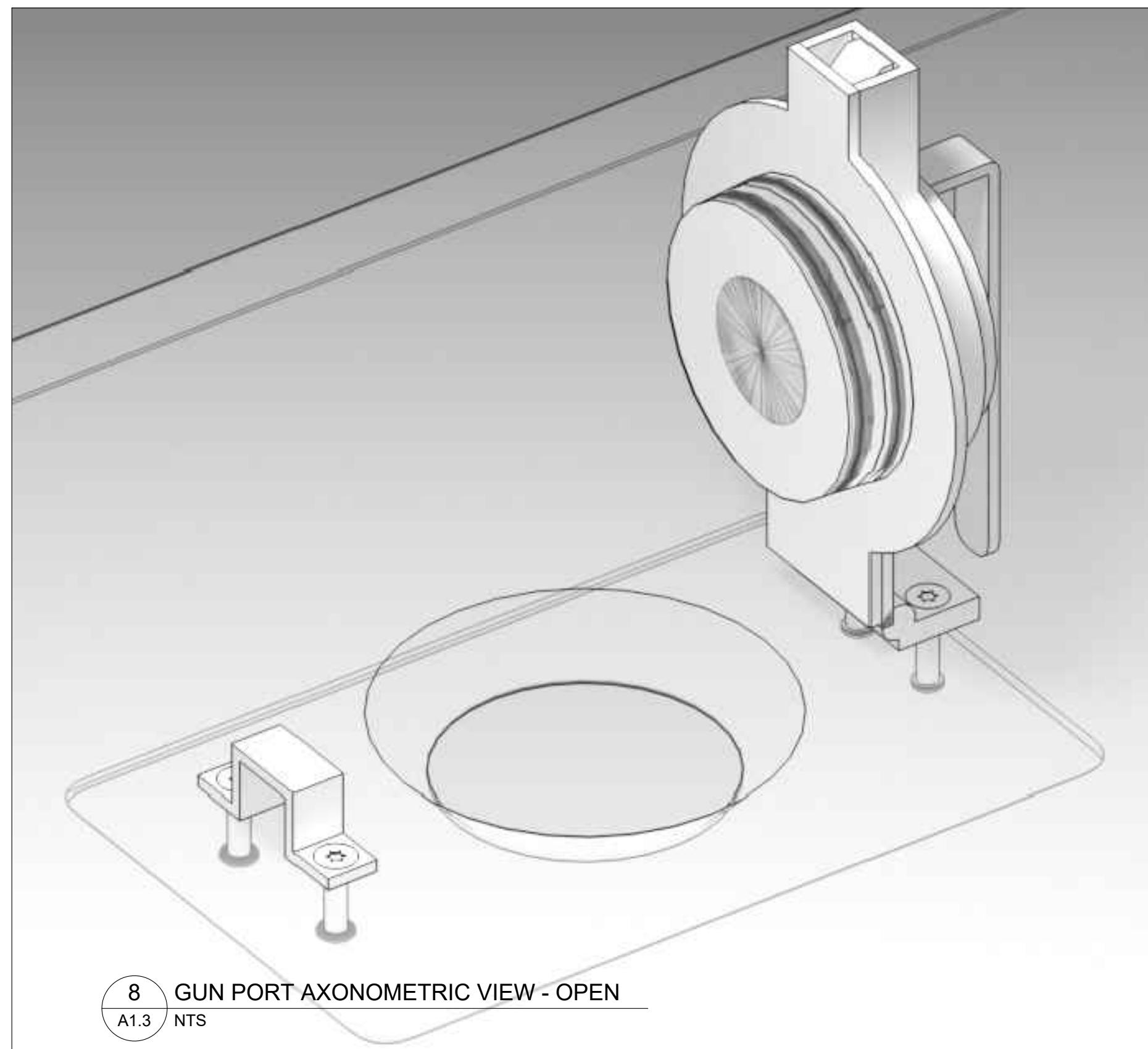
2 GUN PORT ELEVATION - SECURE SIDE, CATCH BOLT RETRACTED  
A1.3 / DRAWING SCALE 1:2



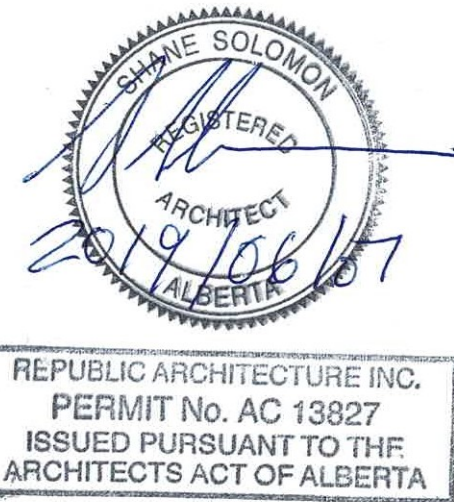
3 GUN PORT ELEVATION - SECURE SIDE, PORT OPEN  
A1.3 / DRAWING SCALE 1:2



7 GUN PORT AXONOMETRIC VIEW - CLOSED & LOCKED  
A1.3 / NTS



8 GUN PORT AXONOMETRIC VIEW - OPEN  
A1.3 / NTS



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5		
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0	DESIGN DEVELOPMENT	2018/11/08

Client client

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

**GUN PORT DETAILS:  
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

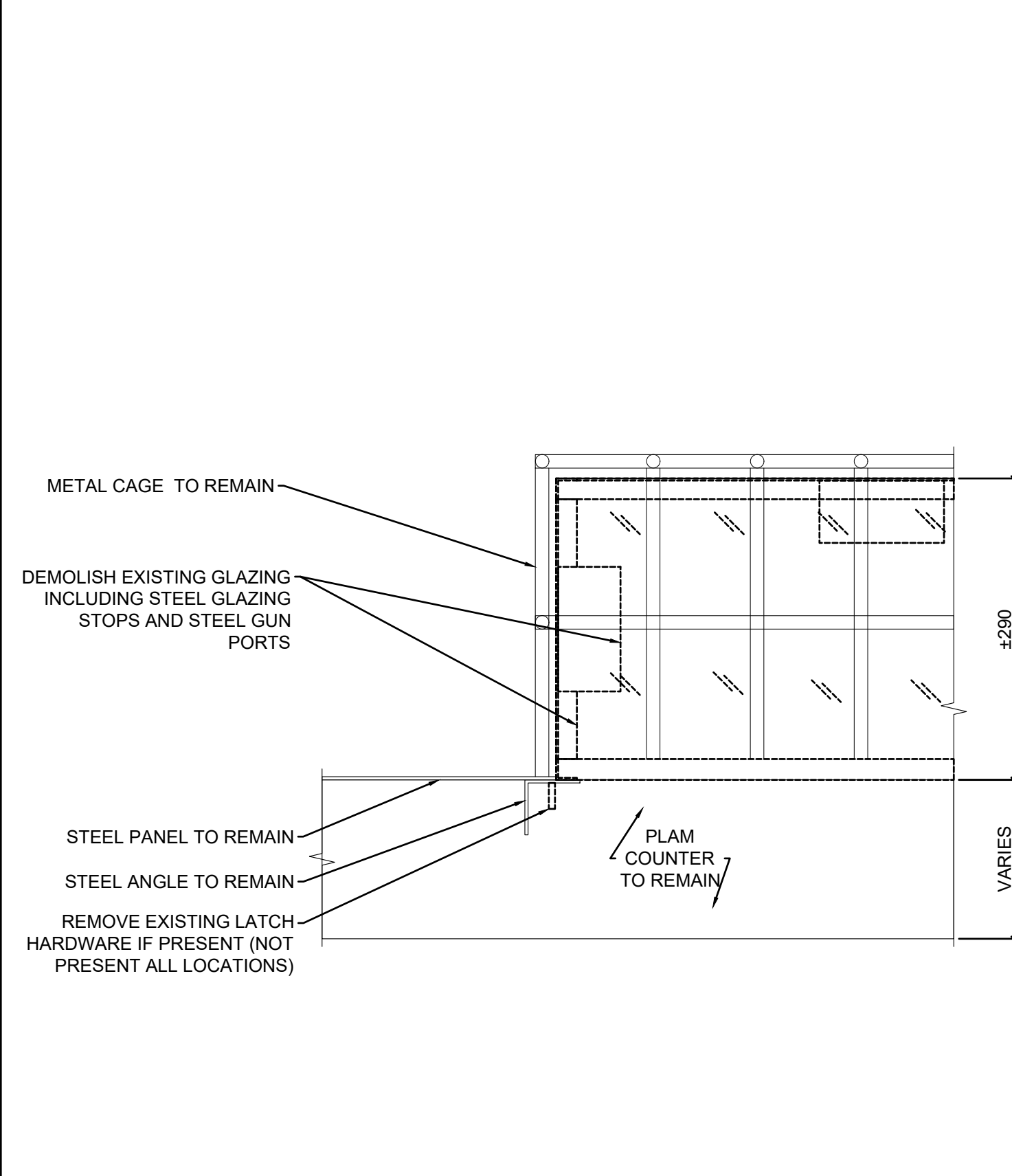
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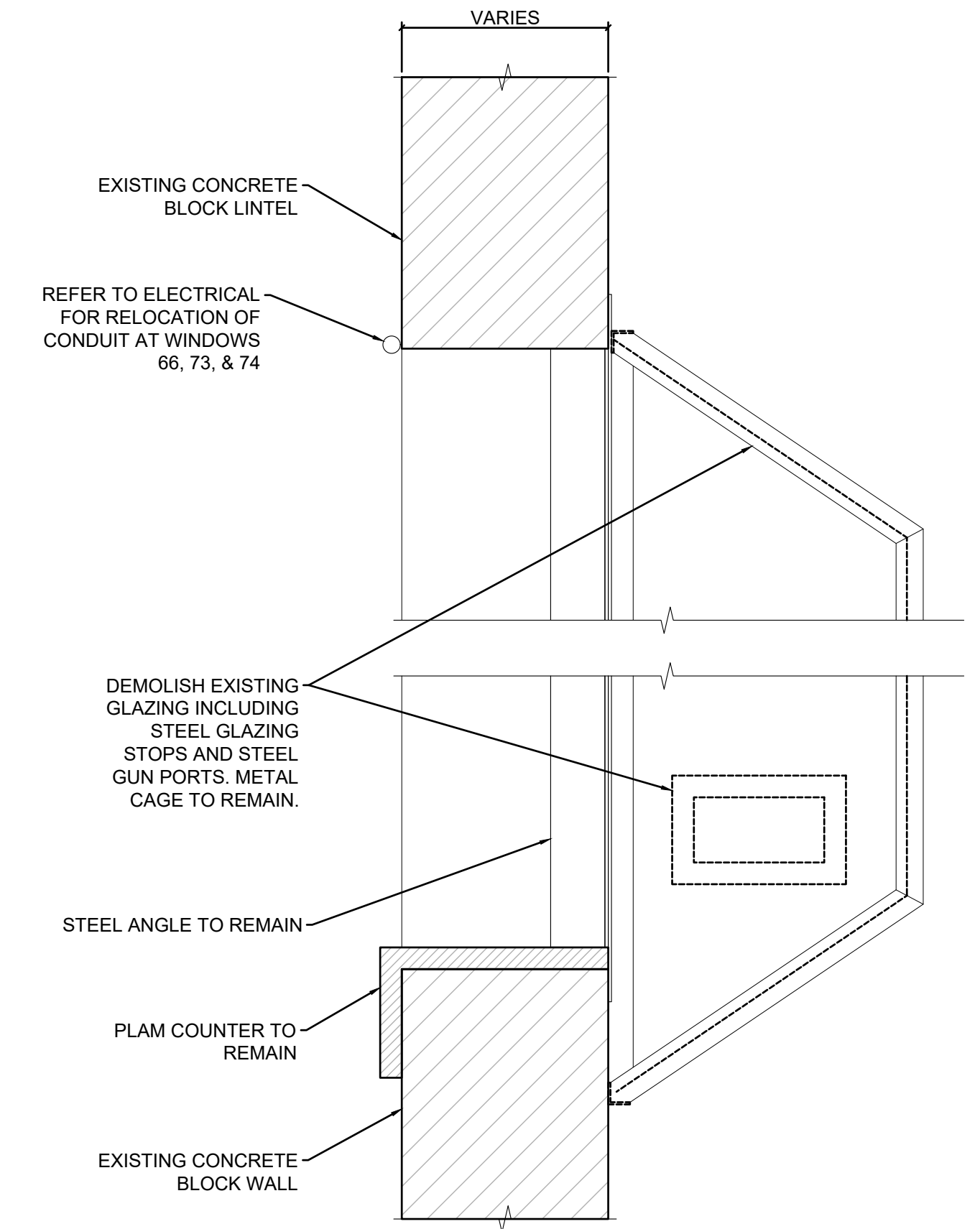


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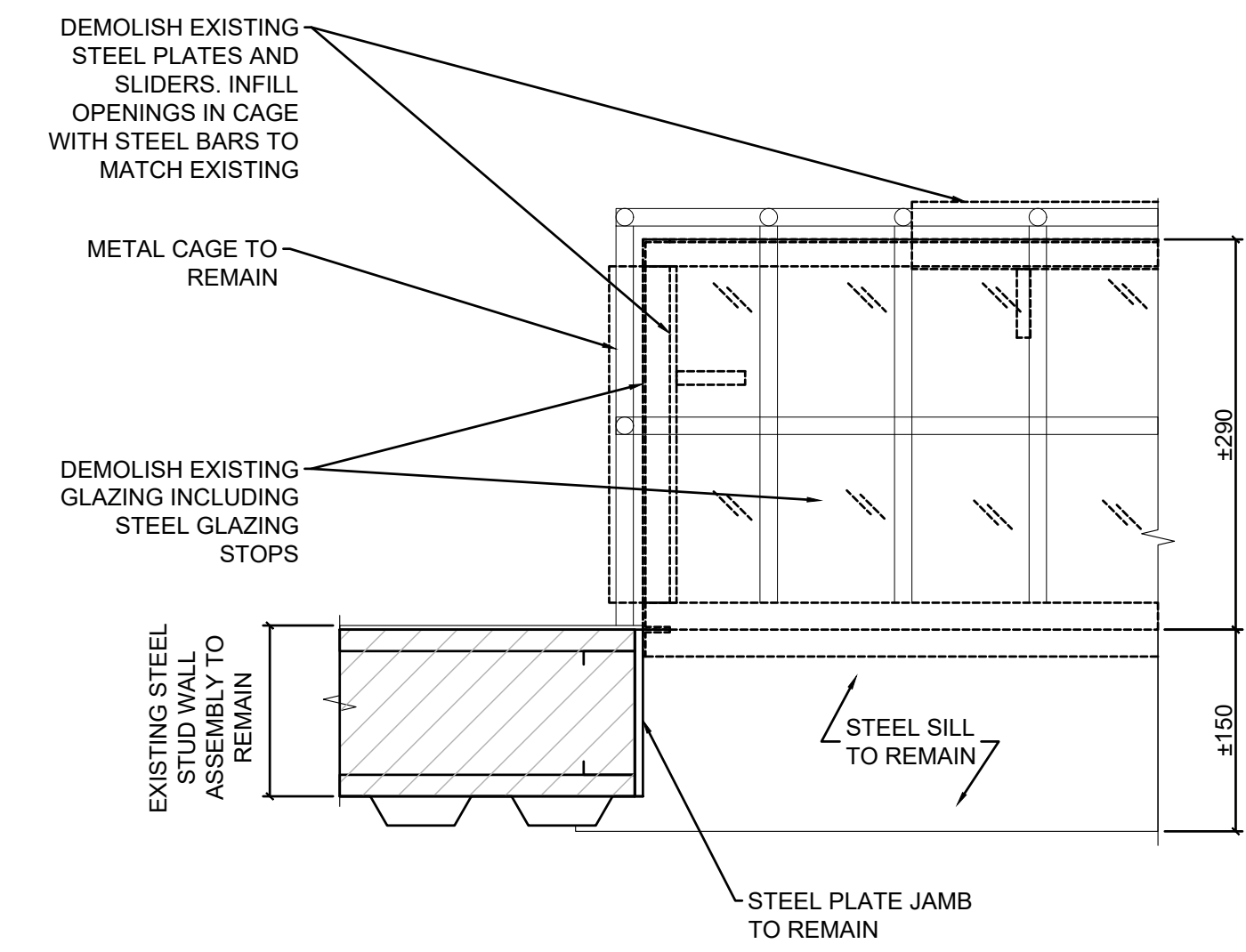




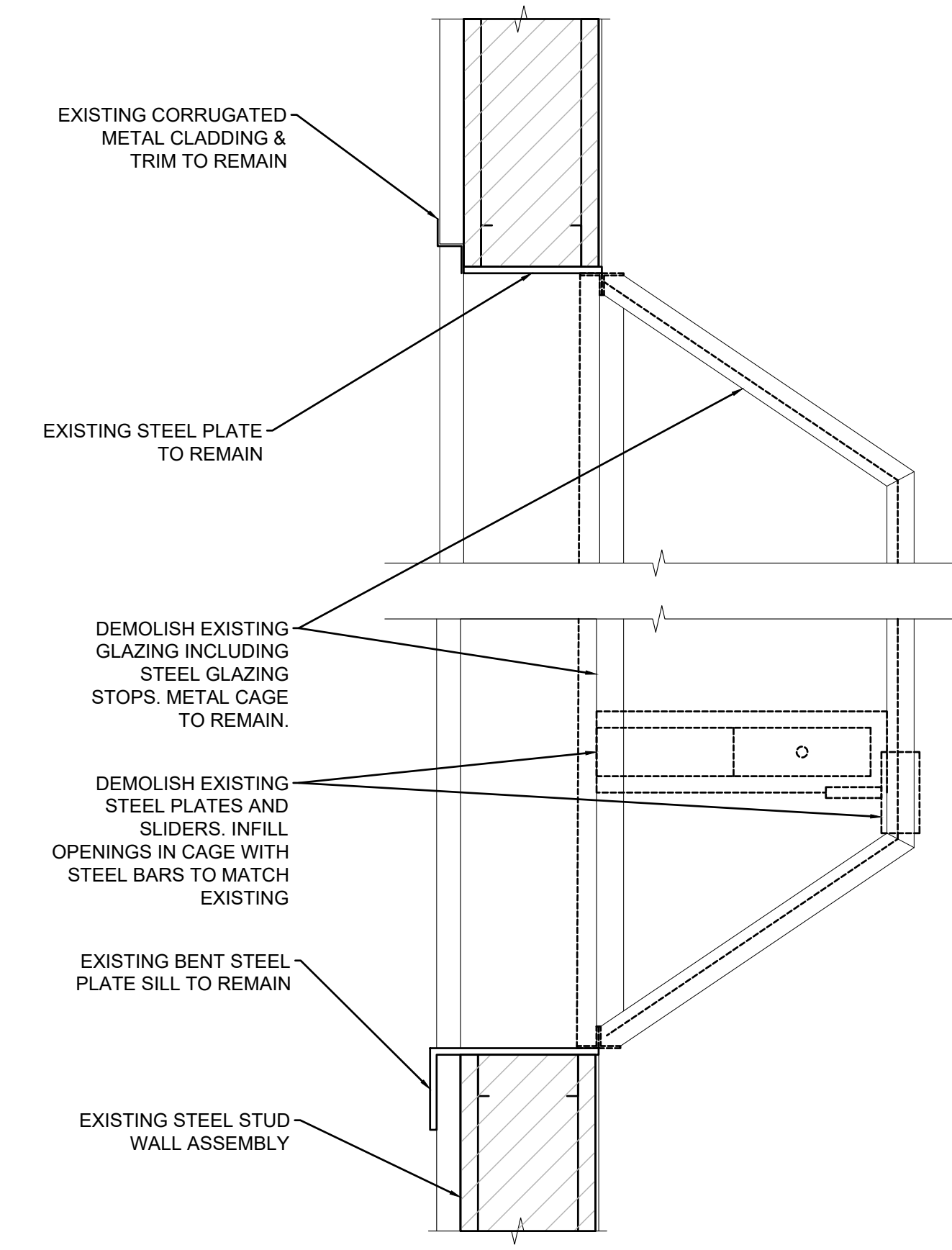
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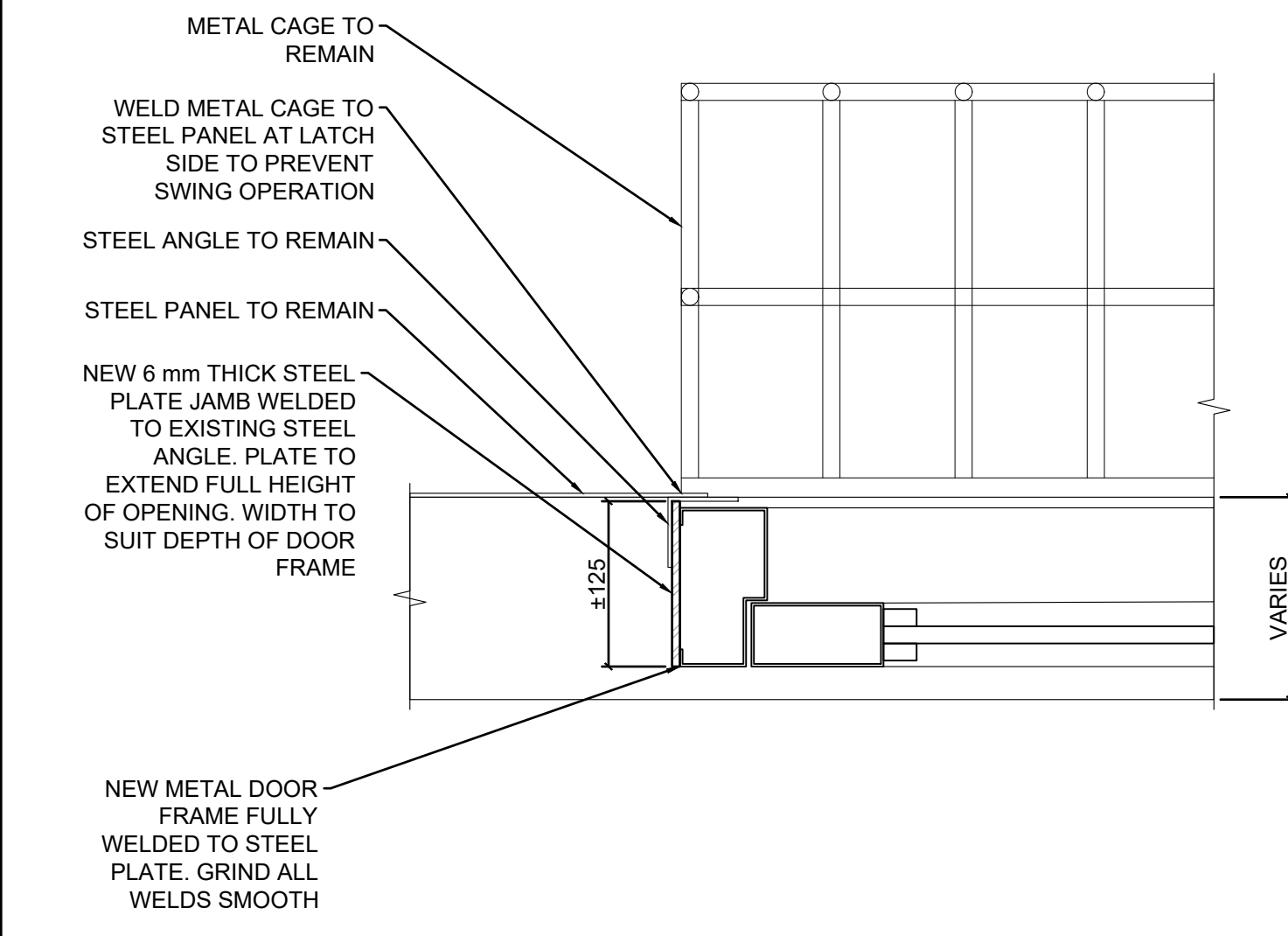
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A1.5 / DRAWING SCALE 1:5



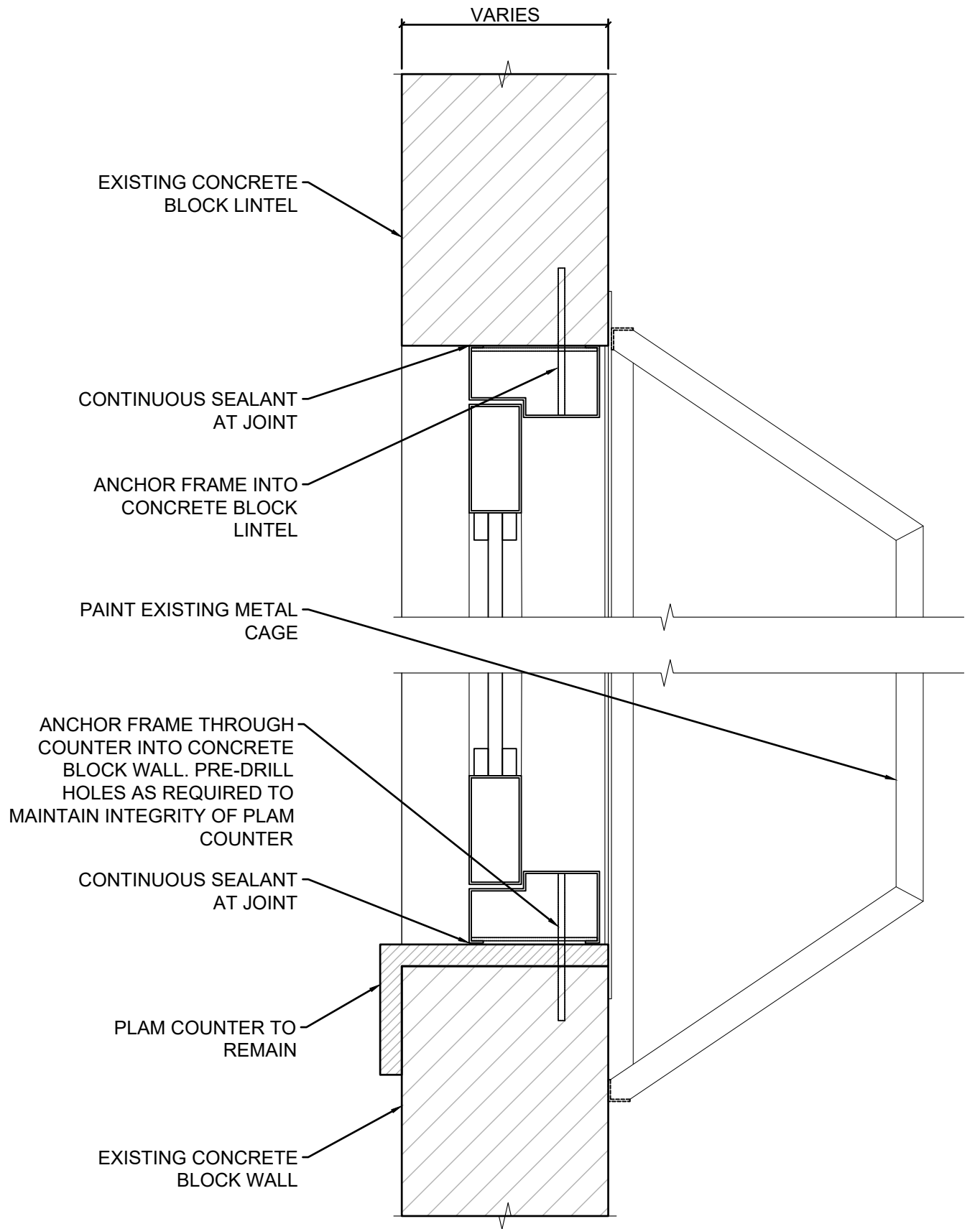
5 GRILLE TYPE 2 PLAN DETAIL - DEMOLITION  
A1.5 / DRAWING SCALE 1:5



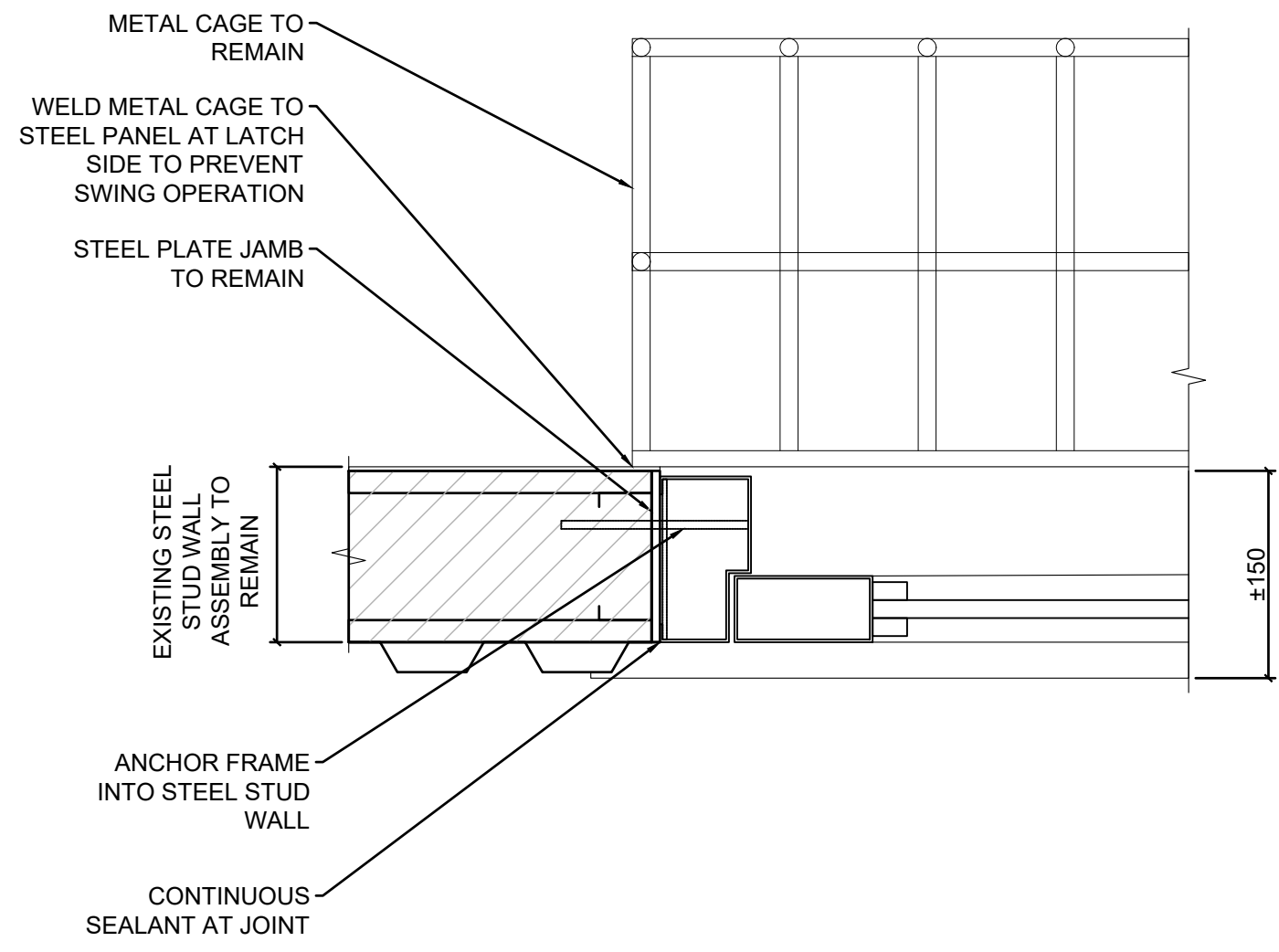
6 GRILLE TYPE 2 SECTION DETAIL - DEMOLITION  
A1.5 / DRAWING SCALE 1:5



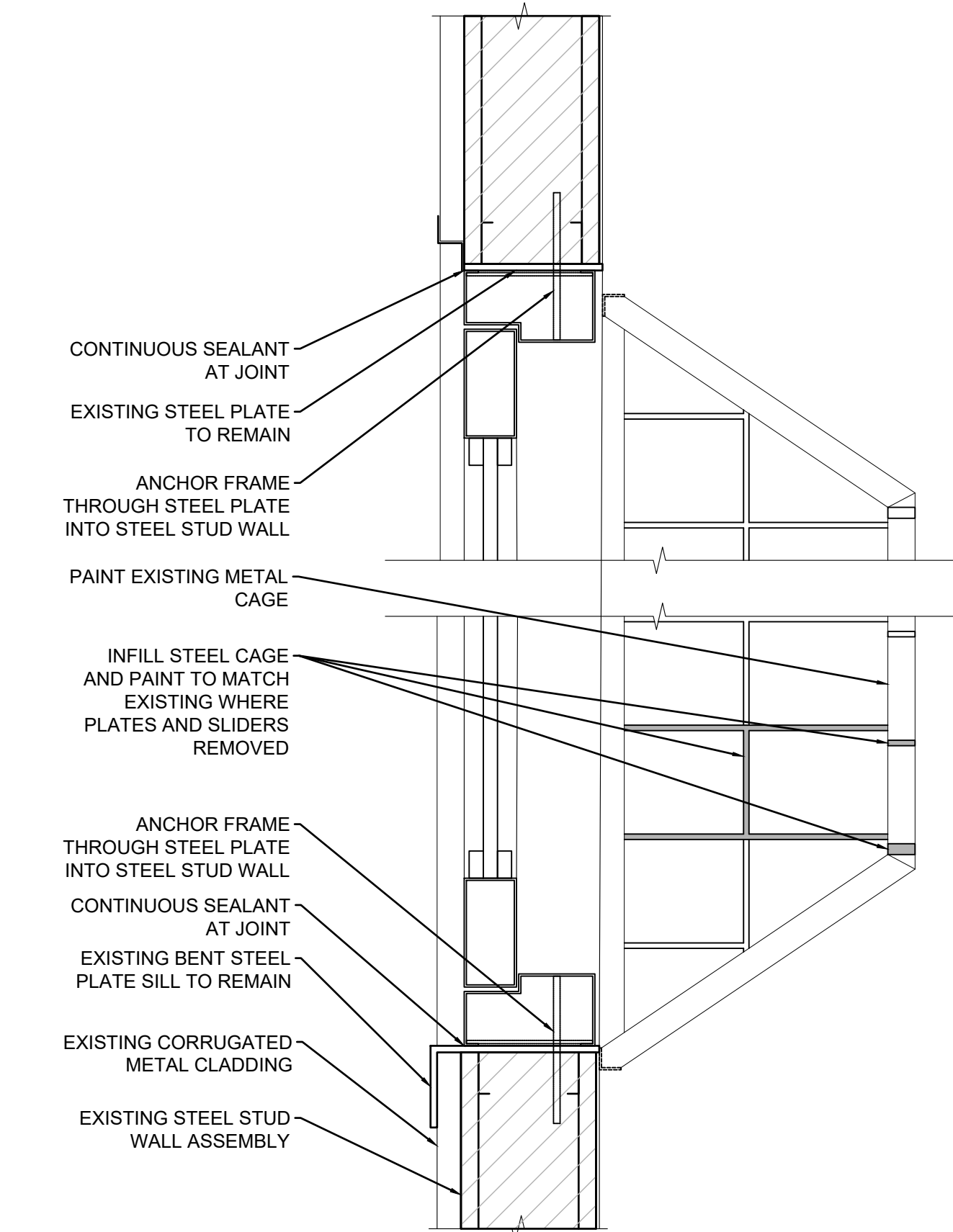
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A1.5 / DRAWING SCALE 1:5



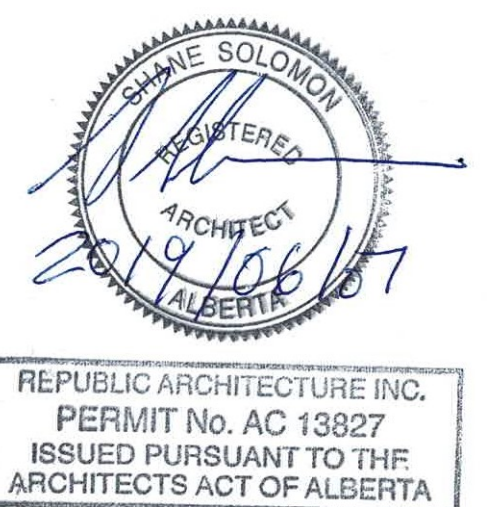
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A1.5 / DRAWING SCALE 1:5



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



Revision	Description	Date
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

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**

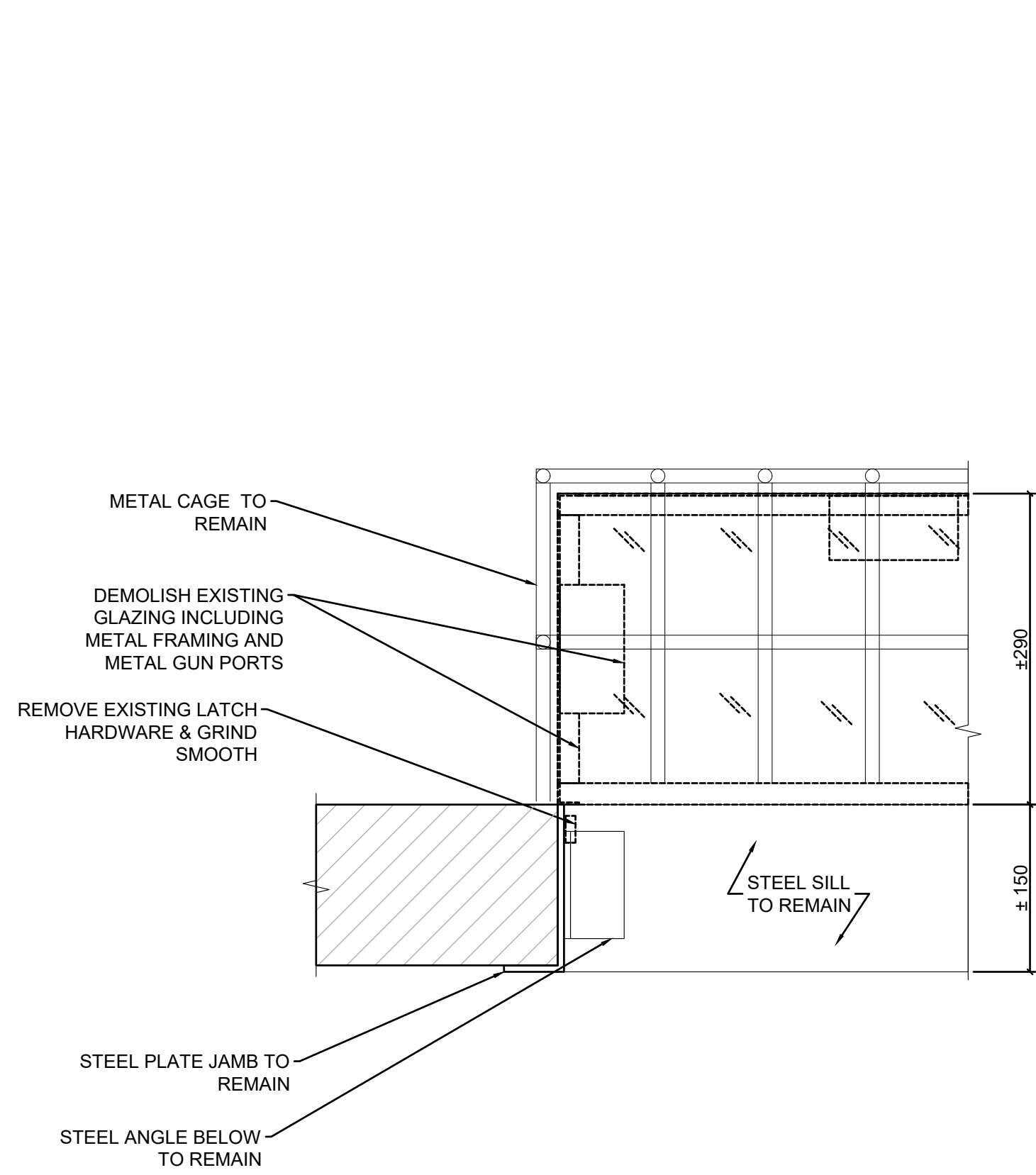
Approved by Approuvé par  
**CRISTINA BUSTAMANTE**

PWGSC Project Manager Administrateur de Projets TPSGC  
**JOHN SHORT**

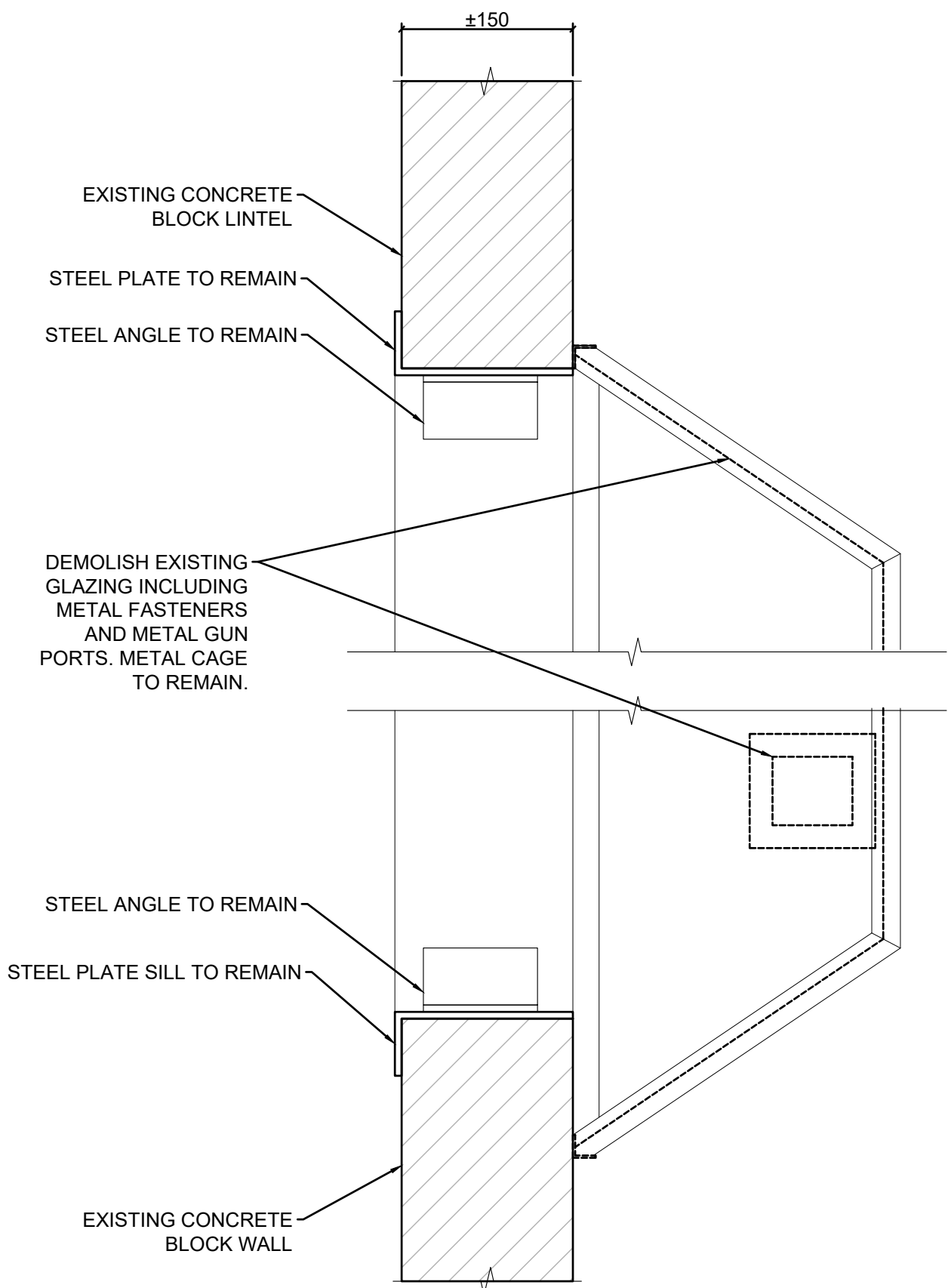
Drawing Title Titre du dessin

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

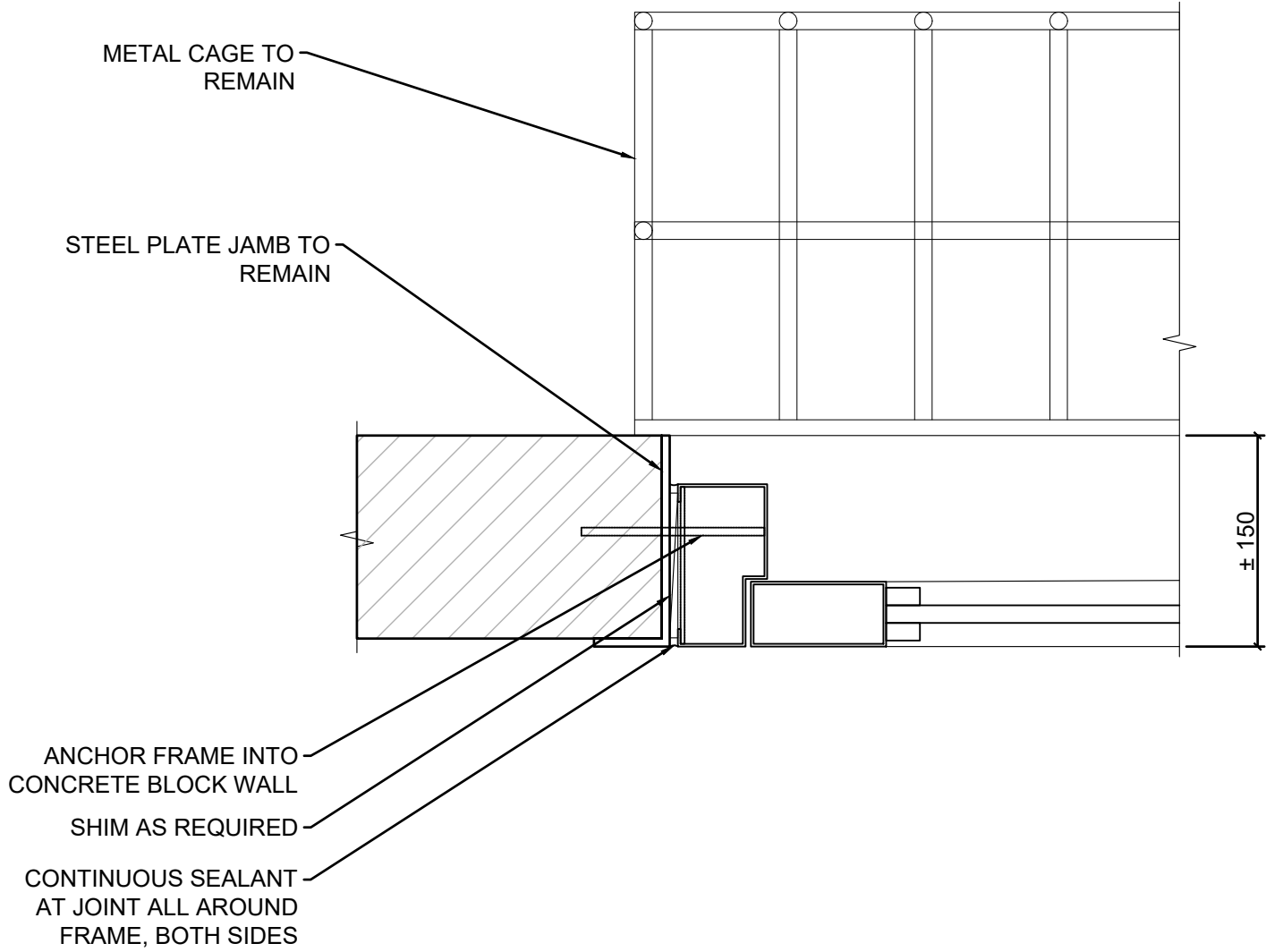




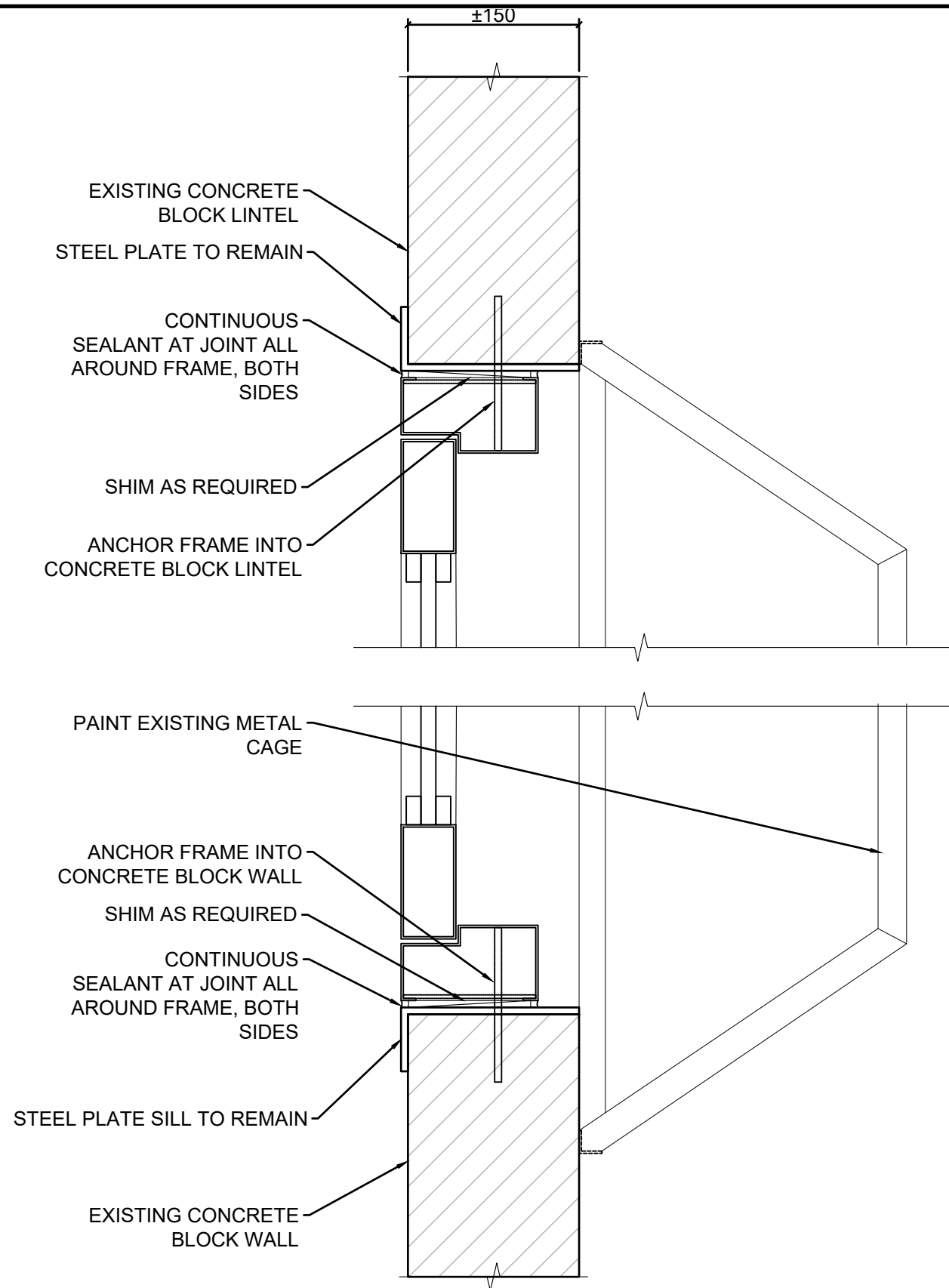
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A1.6 / DRAWING SCALE 1:5



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



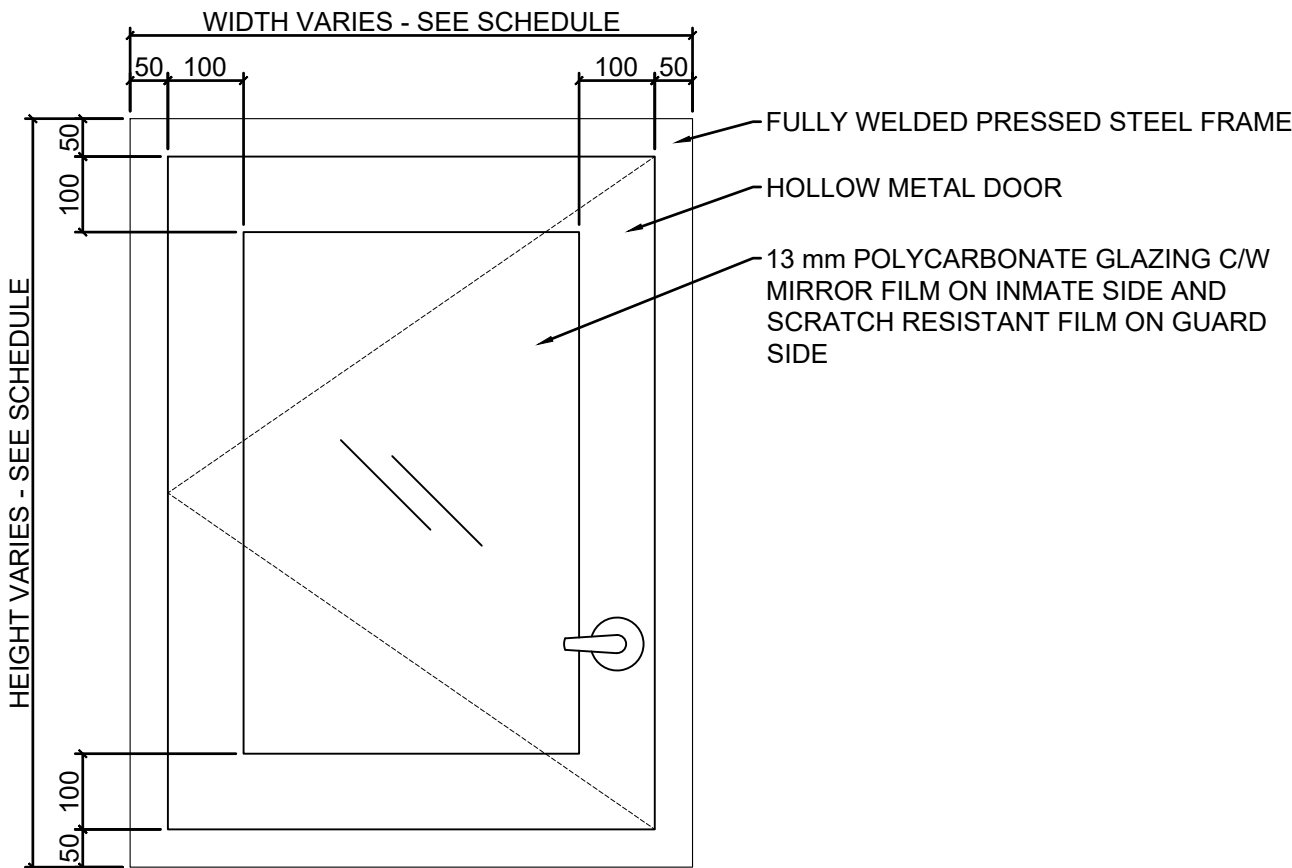
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A1.6 / DRAWING SCALE 1:5



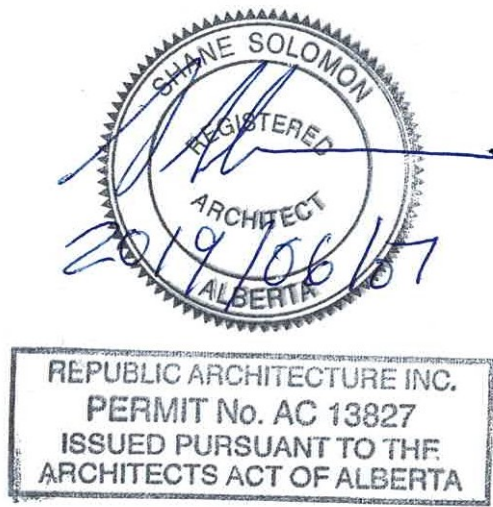
4 GRILLE TYPE 3 SECTION DETAIL - NEW CONSTRUCTION  
A1.6 / DRAWING SCALE 1:5

DOORS								FRAMES			HARDWARE SET	REMARKS
GRILLE #	GRILLE TYPE	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  
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

**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

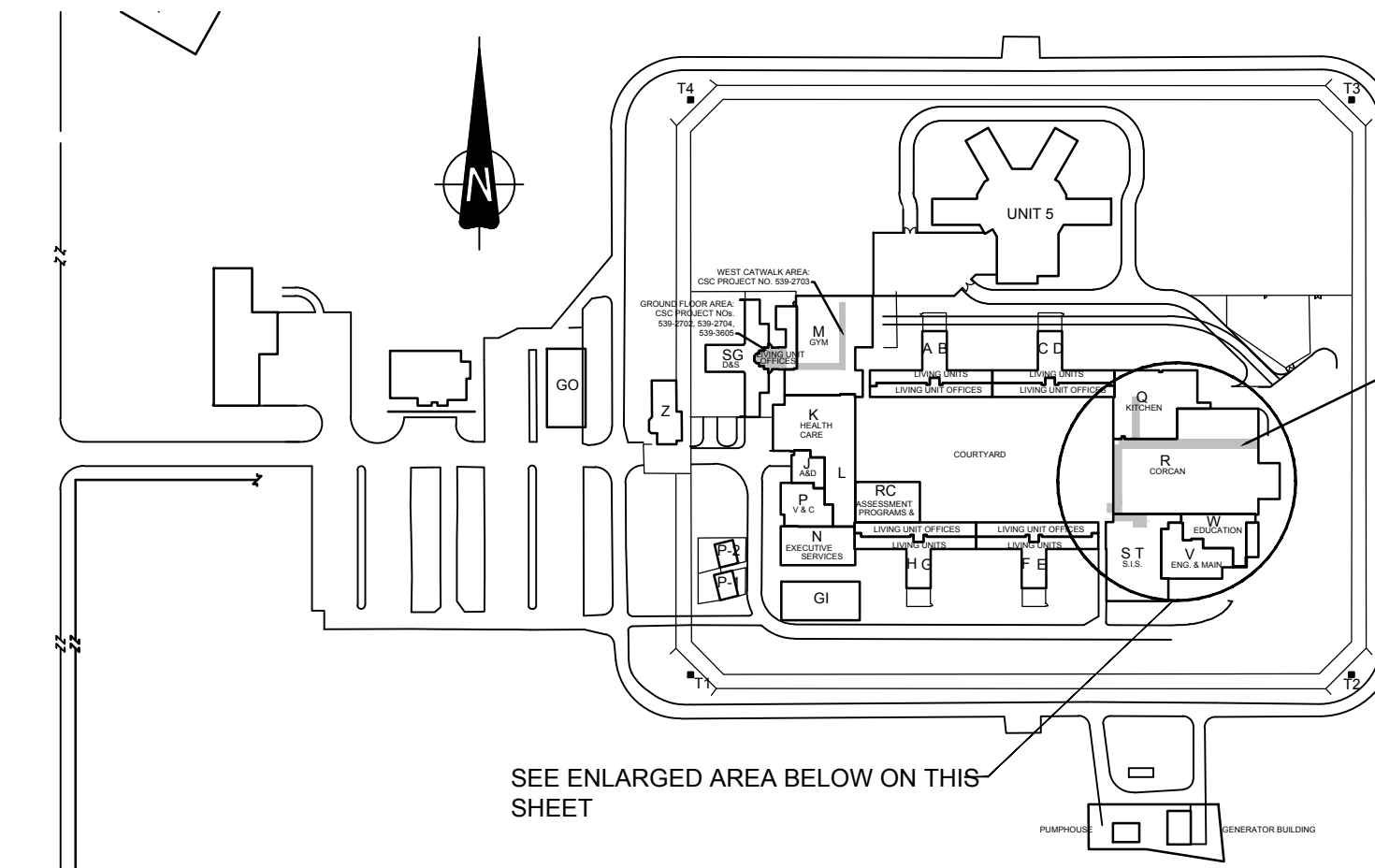
Approved by  
DAVID CALDER  
Approuvé par

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.

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

TO J7  
ABOVE  
COOLER  
R4

TO J10  
PALS  
CABINET

Y-21

TO J2  
PAINT SHOP  
R12

Y-23

Y-24

Y-25

Y-26

Y-27

Y-28

Y-29

Y-30

Y-31

ROUTE NEW INFRASTRUCTURE  
(CONDUIT/WIRE) FOR THE PALS SECURITY  
SYSTEM ALONG THE CEILING FROM THE  
JUNCTION BOX TO CONNECTION POINT  
ADJACENT TO GUN PORT 79. INTERCEPT  
AND CONNECT THE NEW INFRASTRUCTURE  
(CONDUIT/WIRE) TO THE EXISTING PALS  
ACCESS POINTS. ONCE THE PALS HAS BEEN  
CONFIRMED OPERATIONAL REMOVE THE  
OLD/ABANDONED INFRASTRUCTURE  
(CONDUIT/WIRE).

CORCAN (R)

EXISTING TO REMAIN  
SURFACE MOUNTED 8X8  
JUNCTION BOX.

SIS (ST)

EDUCATION (W)

V

ENGINEERING &  
MAINTENANCE (V)

VING UNIT E OFFICES

VING UNIT E