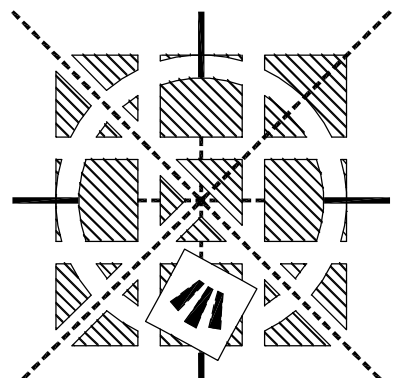




Public Works
Government Services Canada
Architectural and Engineering Services
Ontario Region
Travaux publics
Services gouvernementaux Canada
Services d'architecture et de génie
Région de l'Ontario



COLBOURNE & KEMBEL
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THE GREER GALLOWAY GROUP INC.
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PETERBOROUGH
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640 CATARAUGU WOODS DRIVE, UNIT 2A
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CONSULTANTS:

PROJECT:
NEW BARRIERS & GATES
MARKWORTH INSTITUTION
15847 COUNTY ROAD 29
MARKWORTH, ON

CORRECTIONAL SERVICE CANADA
KINGSTON, ONTARIO

PWGSC PROJECT NO.: R.074854.001
CSC PROJECT NO.: 430-3408

ARCHITECTURAL AND PRIME:
COLBOURNE & KEMBEL, ARCHITECTS INC.
ELECTRICAL:
GREER GALLOWAY CONSULTING ENGINEERS

LIST OF DRAWINGS

- A0 LEGEND AND LIST OF DRAWINGS
- A1 SITE PLAN
- A2 ELEVATIONS & DETAILS
- A3 VEHICLE GATE ELEVATIONS
- A4 MAIN GATE ELEVATIONS
- E1 FLOOR PLANS AND DETAILS
- E2 ELEVATIONS AND DETAILS
- E3 CONTROL PANEL AND DETAIL
- E4
- E5 DETAILS

NOTES:

- 1 - REFER TO DESIGNATED SUBSTANCE REPORT FOR MARKWORTH INSTITUTION, CAMPBELLFORD, ONTARIO, DATED MARCH 30, 2005. CONTRACTOR IS REQUIRED TO COMPLY WITH ALL REQUIREMENTS AND LEGISLATION FOR ANY WORK CAUSING DISTURBANCE TO DESIGNATED SUBSTANCES.
- 2 - THE SITE WILL BE OCCUPIED THROUGHOUT CONSTRUCTION. COORDINATE WITH THE OWNER TO MINIMIZE USER INTERFERENCE AND CONTINUITY OF SECURITY.
- 3 - COORDINATE ALL LINE-VOLTAGE AND LOW-VOLTAGE ELECTRICAL WORK WITH ELECTRICAL ENGINEER.
- 4 - ALL DOOR REPLACEMENTS TO BE EXECUTED ONE DOOR AT A TIME.

LEGEND

ELEVATION REFERENCE BUBBLE

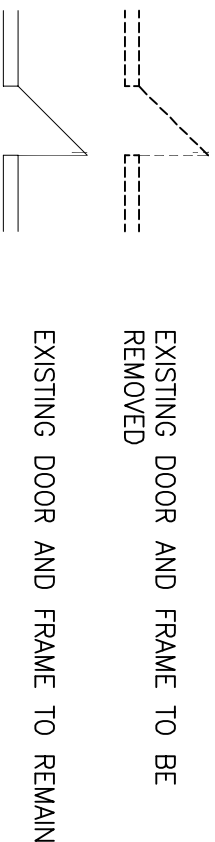
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MULTIPLE NUMBERS INDICATE THAT
DETAIL REQUIRED ON MULTIPLE SHEETS.
301-306 INDICATES THAT DETAIL
REQUIRED ON SHEETS 301, 302, 303,
304, 305 AND 306

SECTION OR DETAIL
REFERENCE BUBBLE

SHEET WHERE DETAIL REQUIRED
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301-306 INDICATES THAT DETAIL
REQUIRED ON SHEETS 301, 302, 303,
304, 305 AND 306

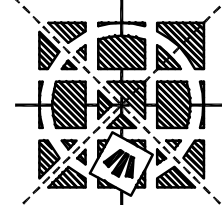
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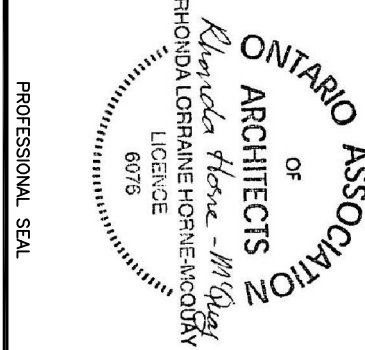


ABBREVIATIONS

AFT	ABOVE FINISHED FLOOR
APPROX	APPROXIMATE
CB	CONCRETE BLOCK
CL	CLOSER
C/W	COMPLETE WITH
CONC	CONCRETE
CP	CONTROL PANEL
DET	DETENTION
EQ	EQUAL
EXT	EXTERIOR
GALV	GALVANIZED
HNG	HINGE
LOCK	LOCK
LICH	LATCH
MIN	MINIMUM
O.C.	ON CENTRE
PT	PAINT
SM	SIMILAR
SP	SPANDREL PANEL
TBD	TO BE DETERMINED
TEMP	TEMPERED
TYPE	TYPICAL
W/	WITH



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**ONTARIO ASSOCIATION
OF ARCHITECTS**
KINGSTON OFFICE
6073
PROFESSIONAL SEAL

drawing title
titre du projet
MARKWORTH
CORRECTIONAL SERVICE CANADA
MARKWORTH INSTITUTION

project title
titre du projet
NEW BARRIERS & GATES

drawing no.
dessin no.
R.074854.001

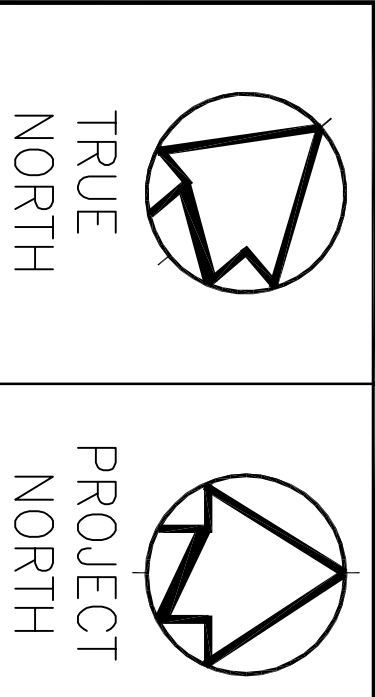
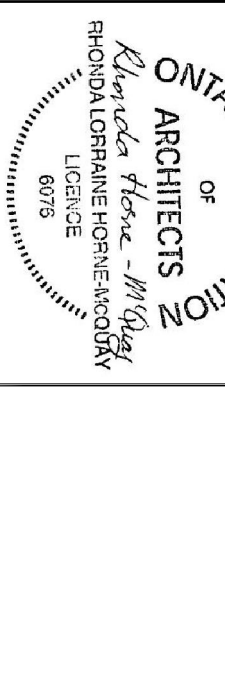
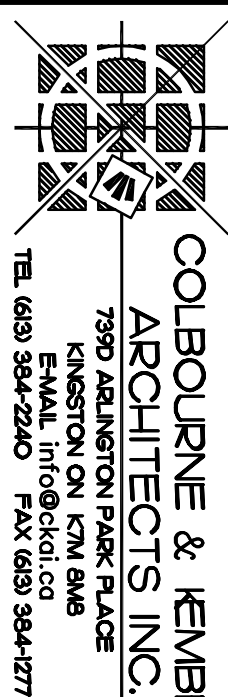
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dessin no.
A0

drawing title
titre du projet
**LEGEND & LIST
OF DRAWINGS**
CSC No.: 460-3408

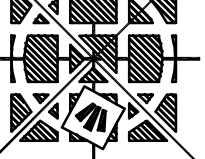
drawing no.
dessin no.
R.074854.001

drawing no.
dessin no.
A0

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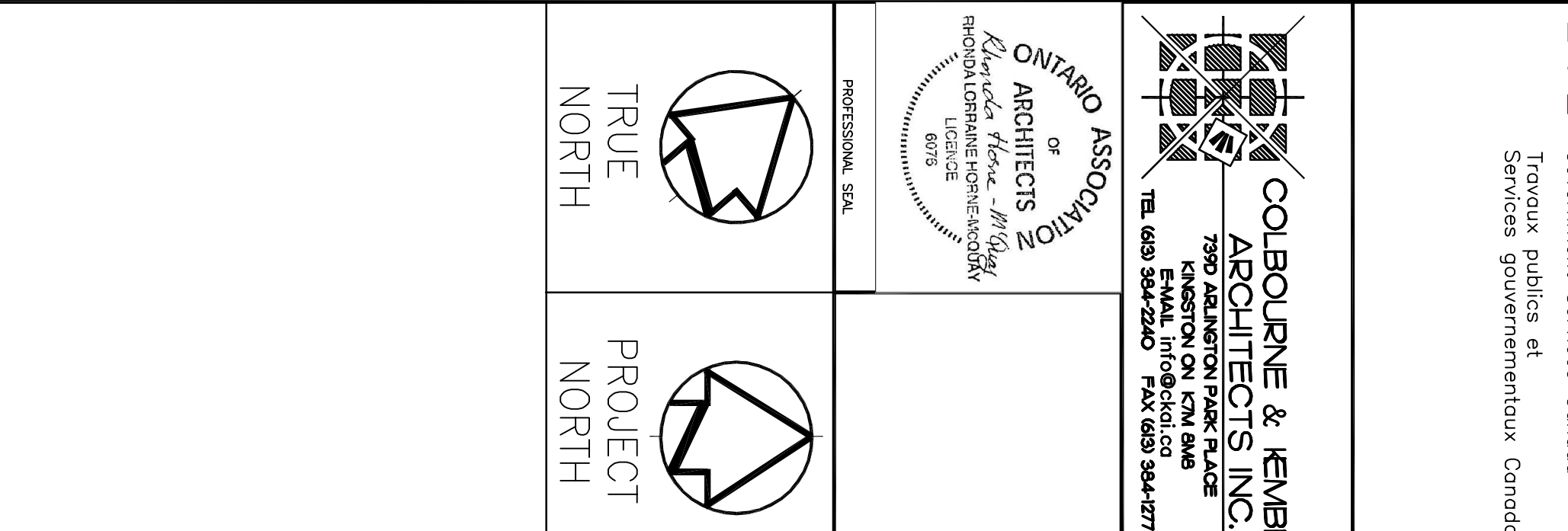
- | | | |
|--|--|---------------------------|
|  <p>COLBOURNE & HEMB
ARCHITECTS INC.</p> <p>7500 KENNEDY ROAD, SUITE 100
SCARBOROUGH, ONTARIO M1T 3X4
TEL. (416) 354-2240 FAX (416) 354-4777</p> | <p>ASSOCIATION
OF
ARCHITECTS</p> <p><i>Ontario</i></p> <p><i>Ontario Chapter of the American
Architectural Institute</i></p> <p>6875</p> | <p>PROFESSIONAL, 554A</p> |
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| 04 | | |
| 03 | | |
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| 01 | ISSUED FOR TENDER & CONSTRUCTION | 10.02.2017 |
| Revision | | date |

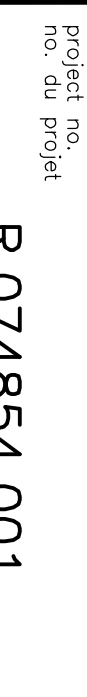
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|--|---|
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titre du projet</p> <p>WARKWORTH
CORRECTIONAL SERVICE
WARKWORTH INSTITUTION</p> <p>Ontario</p> <p>NEW BARRIERS & GATES</p> | <p>Level of information and conditions on site and immediate vicinity
niveau de l'information et conditions sur site et dans le voisinage</p> |
| <p>Drawing title
titre du dessin</p> <p>SITE & KEY</p> <p>PLAN</p> <p>CSC No.: 460-3408</p> | <p>Detail No.
no. du détail</p> <p>A</p> <p>where detail required
où le détail est requis</p> <p>Drawing no. – où détail exigé
dessin no. – où détail exigé</p> <p>B</p> <p>where detail not required
où le détail n'est pas requis</p> <p>Drawing no. – où détail non requis
dessin no. – où détail non requis</p> <p>C</p> |
| <p>Drawn by
dessiné par</p> <p>TUK</p> | |
| <p>Designed by
conçu par</p> <p>TUK</p> | |

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SCALE 1:1500



SITE & KEY PLAN

CSC No.: 460-3408

drawn by
dessine par
TJK

designed by

100

approved by
approuvé par
RHM

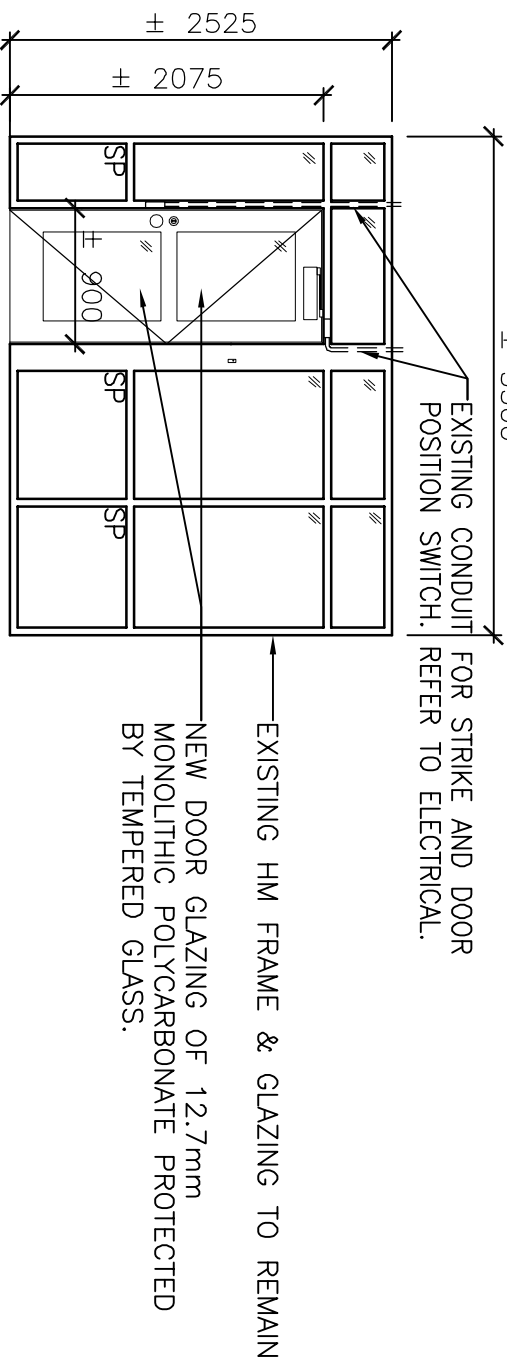
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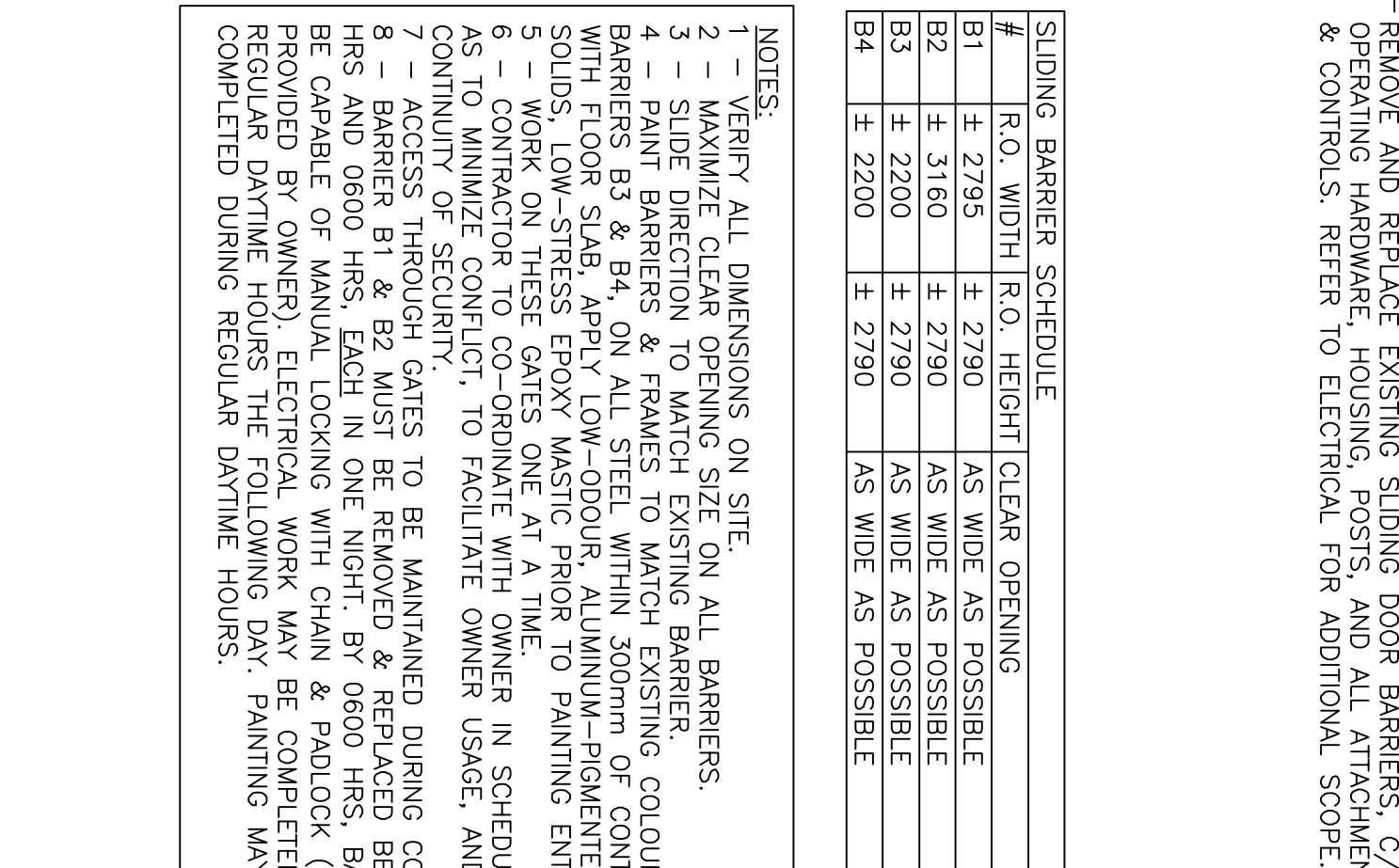
project no.
no. du projet

R.O.



- NOTES DUE:
- 1 - REMOVE EXISTING DOOR & HARDWARE, C/W CONTROLS & WIRING. EXISTING FRAME TO REMAIN.
 - 2 - REMOVE NEW DOOR & HARDWARE, C/W Hinges, STOPS, LATCH, LOCK, SMOKE, CLOSER, EJECTION INDICATOR, & PATCH & MAKE GOOD EXISTING FRAME WHERE EXISTING FRAME IS DAMAGED. PATCH HOLES OR CUTS WITH HEAVY GAUGE STEEL TO MATCH EXISTING, FILL AND GRIND SMOOTH ALL WELDS AND PATCHES.
 - 3 - PAINT ENTIRE DOOR, FRAME & SPANDREL PANELS IN ENTIRE CURTAIN WALL, TO MATCH EXISTING.
 - 4 - PAINT ALL NEW EXPOSED CONDUIT AND HARDWARE UNLESS PRE-FINISHED.
- 0000 HAS THE FOLLOWING MORNING
- PAINT WORK MAY BE DONE THE FOLLOWING EVENING DURING THE SAME TIME FRAME.

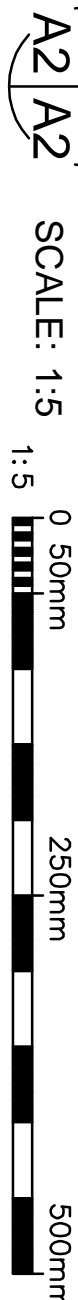
2 DOOR ELEVATIONS D6



SLIDING BARRIER SCHEDULE			
#	R.O. WIDTH	R.O. HEIGHT	CLEAR OPENING
B1	± 2795	± 2790	AS WIDE AS POSSIBLE
B2	± 3160	± 2790	AS WIDE AS POSSIBLE
B3	± 2200	± 2790	AS WIDE AS POSSIBLE
B4	± 2200	± 2790	AS WIDE AS POSSIBLE

1. VERTICAL ALL DIMENSIONS ON SITE.
2. MAXIMIZE CLEAR OPENING SIZE ON ALL BARRIERS.
3. SLIDE DIRECTION TO MATCH EXISTING BARRIER.
4. BARRIER B3 & B4, ON ALL STEEL WITH COLOUR FOR FLOOR SLAB, APPLY LOW-COLOUR ALUMINIUM-POWDERED HIGH SOLIDS COAT-TO-STRESS GATES, PRIMER TO PAINTING, EXHIBIT BARRIERS.
5. CONTRACTOR TO CO-ORDINATE WITH OWNER IN SCHEDULING WORK AS TO MINIMIZE CONFLICT, TO FACILITATE OWNER USAGE, AND TO ENSURE ACCESS THROUGH GATES TO BE REMOVED DURING CONSTRUCTION.
6. ACCESS THROUGH GATES TO BE MAINTAINED DURING CONSTRUCTION.
7. BARRIER B1 & B2 MUST BE REMOVED & REPLACED BETWEEN 2,000 HRS. AND 0600 HRS. EACH IN ONE NIGHT, BY 0600 HRS. BARRIER MUST BE DAMAGED, OWNED, ELECTRICAL, AND MAY BE COMPLETED DURING REGULAR DAYTIME HOURS THE FOLLOWING DAY. PAINTING MAY BE COMPLETED DURING REGULAR DAYTIME HOURS.

BARRIER CONSTRUCTION DETAIL




04		
03		
02		
01	ISSUED FOR TENDER & CONSTRUCTION	10.02.2017
revision		date

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



MARKWORTH
Ontario
CORRECTIONAL SERVICE CANADA
MARKWORTH INSTITUTION

NEW BARRIERS & GATES

ELEVATIONS &

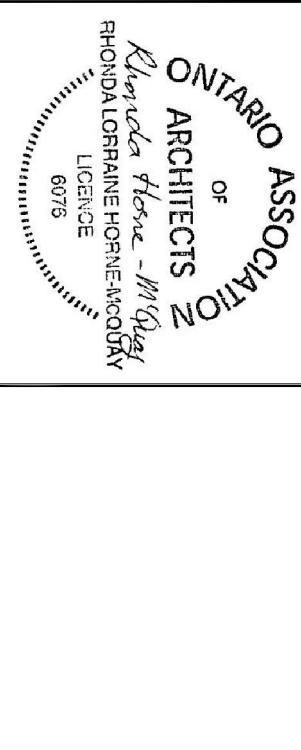
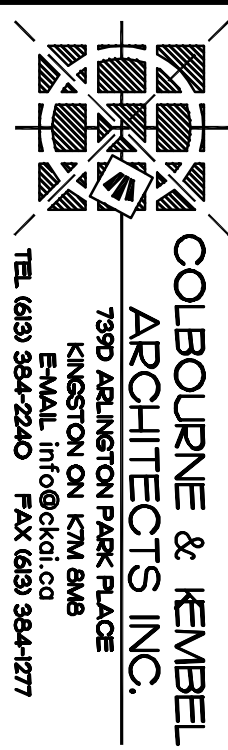
CSC No.: 460-3408

designed by	TJK	
conic part		
approved by	RHM	
approve par		
bid		project manager
office	Y. KODAI	administrateur de projets

date du projet 16.04.12

R.074854.001

drawing no.
dessine no.



04		
03		
02		
01	ISSUED FOR TENDER & CONSTRUCTION	10.02.2017
revision		date

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

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

MARKWORTH
Ontario
CORRECTIONAL SERVICE CANADA
MARKWORTH INSTITUTION
NEW BARRIERS & GATES

L'ÉLEVAGE
 titre du dessin
 MAN GATE
 ELEVATIONS
 CSC No.: 460-3408

designed by	TKK	
come par	TKK	
approved by	RHM	
approve par	RHM	
bid	Y. KODAI	project manager
offre	Y. KODAI	administrateur de profits

project no.
no. du projet

R.074854.001

dessine no. A4



EXISTING GATE G1



EXISTING GATE G1



EXISTING GATE G1

- TEMPORARY SWING GATE
- APPROX. LOCATION OF TEMPORARY CHAIN LINK FENCE.
- APPROX. LOCATION OF NEW SLIDING GATE.

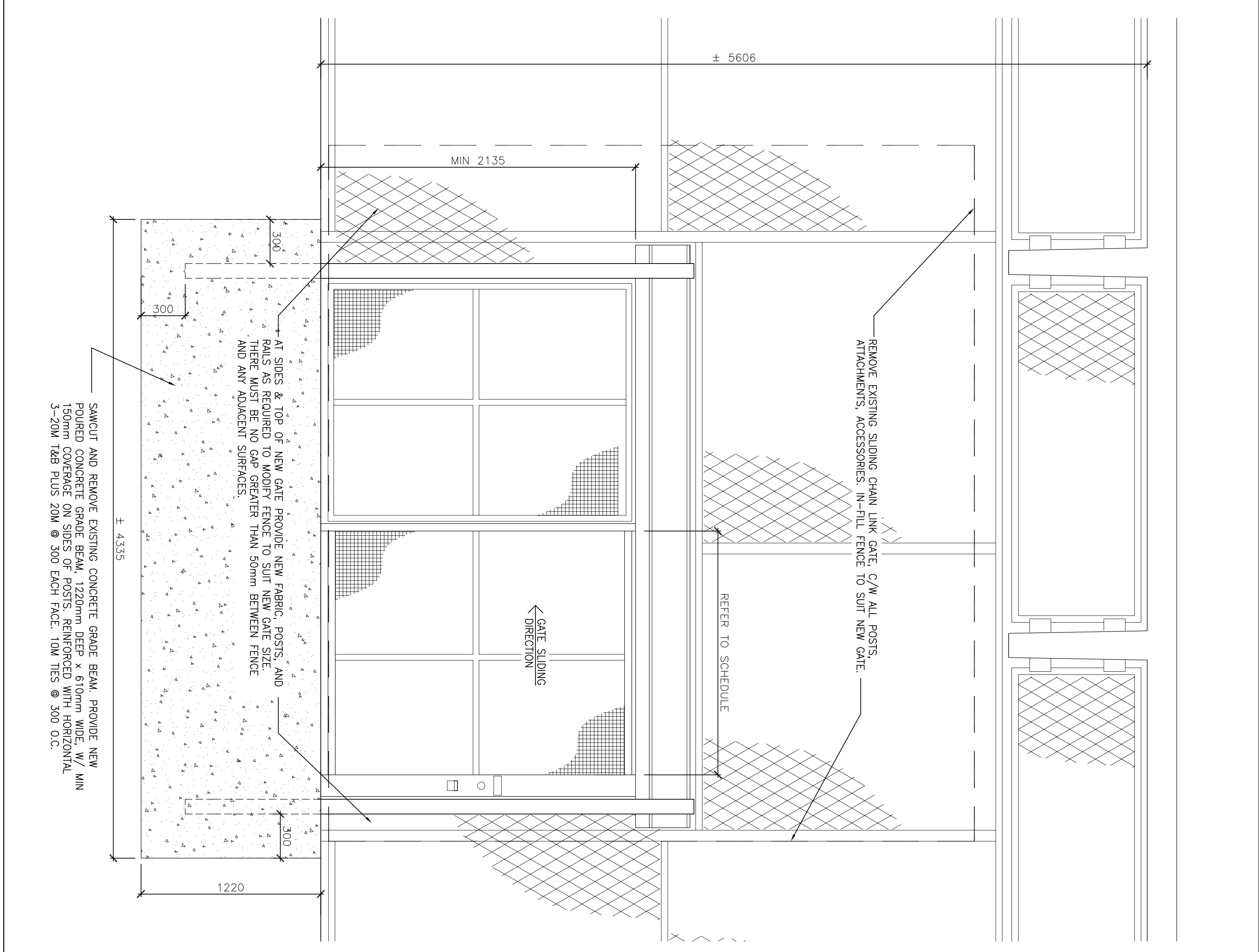


EXISTING GATE G2

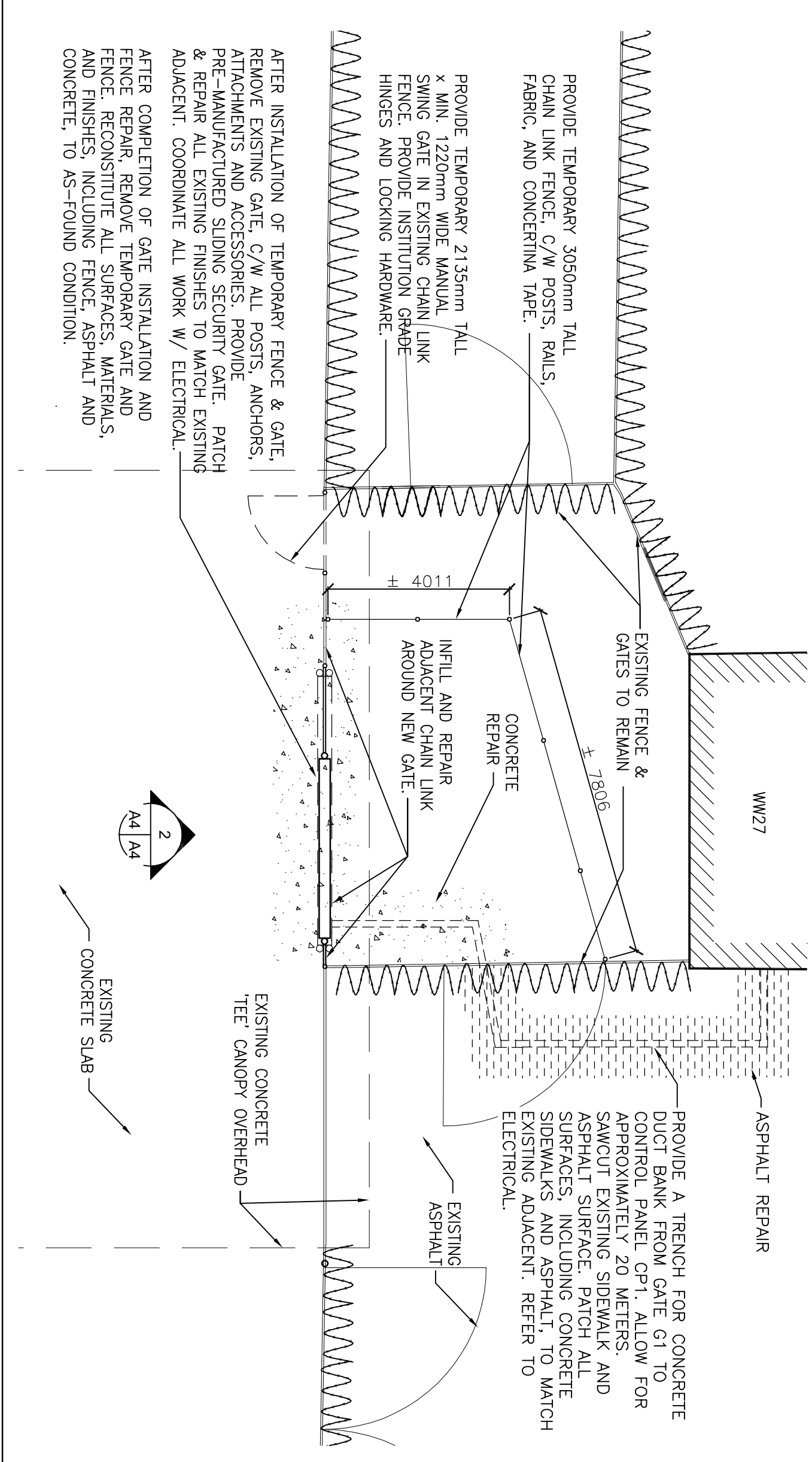
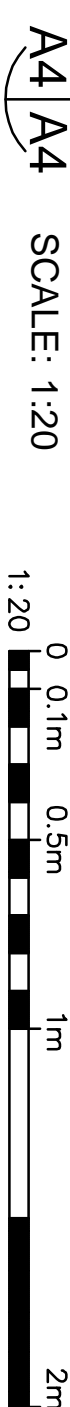


EXISTING GATE G3

PHOTOS OF EXISTING GATES ARE INCLUDED TO ILLUSTRATE QUANTITY AND CONFIGURATION OF COMPONENTS IN GATES THAT ARE TO BE REMOVED. ALLOW FOR COMPLETE REMOVAL OF GATES AS SHOWN IN PHOTOGRAPHS. EXISTING COMPONENTS THAT COULD SERVE AS FENCE END--POSTS MAY REMAIN IF APPROVED BY DEPARTMENTAL REPRESENTATIVE.



2 SLIDING MAN GATE G1 ELEVATION



1

SLIDING MAN GATES G2 & G3 ELEVATION

IF NECESSARY, PROVIDE ADDITIONAL MID-RAIL TO SUPPORT CHAIN LINK AT TOP OF NEW GATE ASSEMBLY.

REMOVE EXISTING GATE, POSTS, FENCING, AND HARDWARE AND PROVIDE NEW GATE AND HARDWARE REFER TO SCHEDULE

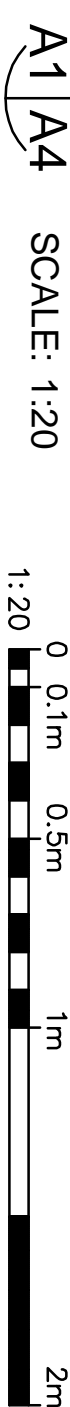
MIN' 2135

GATE SLIDING DIRECTION

SECURELY ANCHOR NEW GATE INTO EXISTING CONCRETE GRADE BEAM WITH CORROSION-RESISTANT, EPOXYED ANCHORS.

TYPICAL BOTH SIDES & TOP OF NEW GATES - ALTER LENGTHS OF EXISTING RAILS AND PROVIDE NEW CONNECTORS TO NEW POSTS & RAILS, MODIFY EXISTING CHAIN LINK, FABRIC, AND SHEILD AND CONNECT TO NEW POSTS & RAILS.

1 SLIDING MAN GATES G2 & G3 ELEVATION



SLIDING MAN GATE SCHEDULE			
#	CLEAR WIDTH	CLEAR HEIGHT	COMMENTS
G1	± 1830	± 2135	MODIFY EXISTING CHAIN LINK FENCE TO SUIT NEW FENCE & GATE. PROVIDE REINFORCED CHAIN LINK FABRIC, POSTS, AND RAILS AS SHOWN.
G2	± 1525	± 2135	MODIFY EXISTING CHAIN LINK FENCE TO SUIT
G3	± 1830	± 2135	MODIFY EXISTING CHAIN LINK FENCE TO SUIT

- 1- MAIN GATE: EXISTING, AND ALL ASSOCIATED HARDWARE, POSTS, ANCHORS, AND ACCESSORIES. EXISTING FIXED HARDWARE TO REMAIN. ALL NEW HARDWARE TO BE MATCHED TO EXISTING HARDWARE.
- 2- PROVIDE PRE-MANUFACTURED SLIDING SECURITY GATE, C/W OPERATOR, CONTROLS & WIRING.
- 3- NEW GATE TO BE ELECTRICALLY OPERATED FROM CONTROL PANELS (REFER TO ELECTRICAL), WITH MANUAL OVERRIDE IN THE EVENT OF POWER FAILURE.
- 4- GAPS BETWEEN NEW & EXISTING POSTS, BETWEEN GATE AND FENCE, AND BETWEEN NEW GATE AND GRADE TO BE 1/2" MAX.
- 5- PROVIDE 3" GALV. STEEL PLATE CLOSER TO ALL NEW GAPS LARGER THAN 50mm.
- 6- CONTRACTOR TO CO-ORDINATE WITH OWNER IN SCHEDULING WORK AS TO MINIMIZE DISRUPTION TO FENCE USAGE, AND TO ENSURE CONTINUITY OF SECURITY.
- 7- ACCESS THROUGH ALL GATES MUST BE MAINTAINED THROUGHOUT CONSTRUCTION.
- 8- REPAIR/REPLACE SPLIT, CRACKED, CONCRETE PAVING, OR SOFT DAMAGED BY THIS CONTRACT TO 45 FOUND CONDITION.
- 9- REPAIR/REPLACE SPLIT, CRACKED, CONCRETE PAVING, OR FENCE ON GATE 01, FINISH CLAD AND TIGHT, WITH MAX. 50mm GAP BETWEEN NEW AND EXISTING FENCE OR PAVING.
- 10- REMOVE ENTIRE EXISTING GATES, COMPLETE WITH ALL ATTACHMENTS, HARDWARE, POSTS, AND ACCESSORIES. ANY POSTS CUT OFF OF CONCRETE MUST BE GRIND SMOOTH AND FILLED WITH CONCRETE.

3 GATE G1 PLAN LAYOUT



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TEL (613) 384-2240 FAX (613) 384-1277

TRUE NORTH PROJECT NORTH

DL AUG 2003
D.L. MCQUINN
1001393438
REGISTERED PROFESSIONAL ENGINEER
PROFESSIONAL SEAL
NO. 1001393438
DATE OF EXPIRATION: 08/31/2008

THE GREER GALLAGHER GROUP INC.
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04		
03	ISSUED FOR TENDER & CONSTRUCTION	17.10.02
02	ISSUED FOR PERMIT & CONSTRUCTION	17.08.11
01	ISSUED FOR 100% CLIENT REVIEW	17.05.12
revision		date
Do not scale drawings. Verify all dimensions and conditions on site and immediately advise the supervising representative if it is necessary.		

A Detail View
B drawing no. - where detail required
C drawing no. - old detail exists
drawing no. - do detail

project title
MARKWORTH
CORRECTIONAL SERVICE CANADA
MARKWORTH INSTITUTION
NEW BARRIERS & GATES

KEY PLAN

CSC No.: 460-3408

drawn by
designed by
checked by
approved by

title
office
project manager
administrateur
de projet

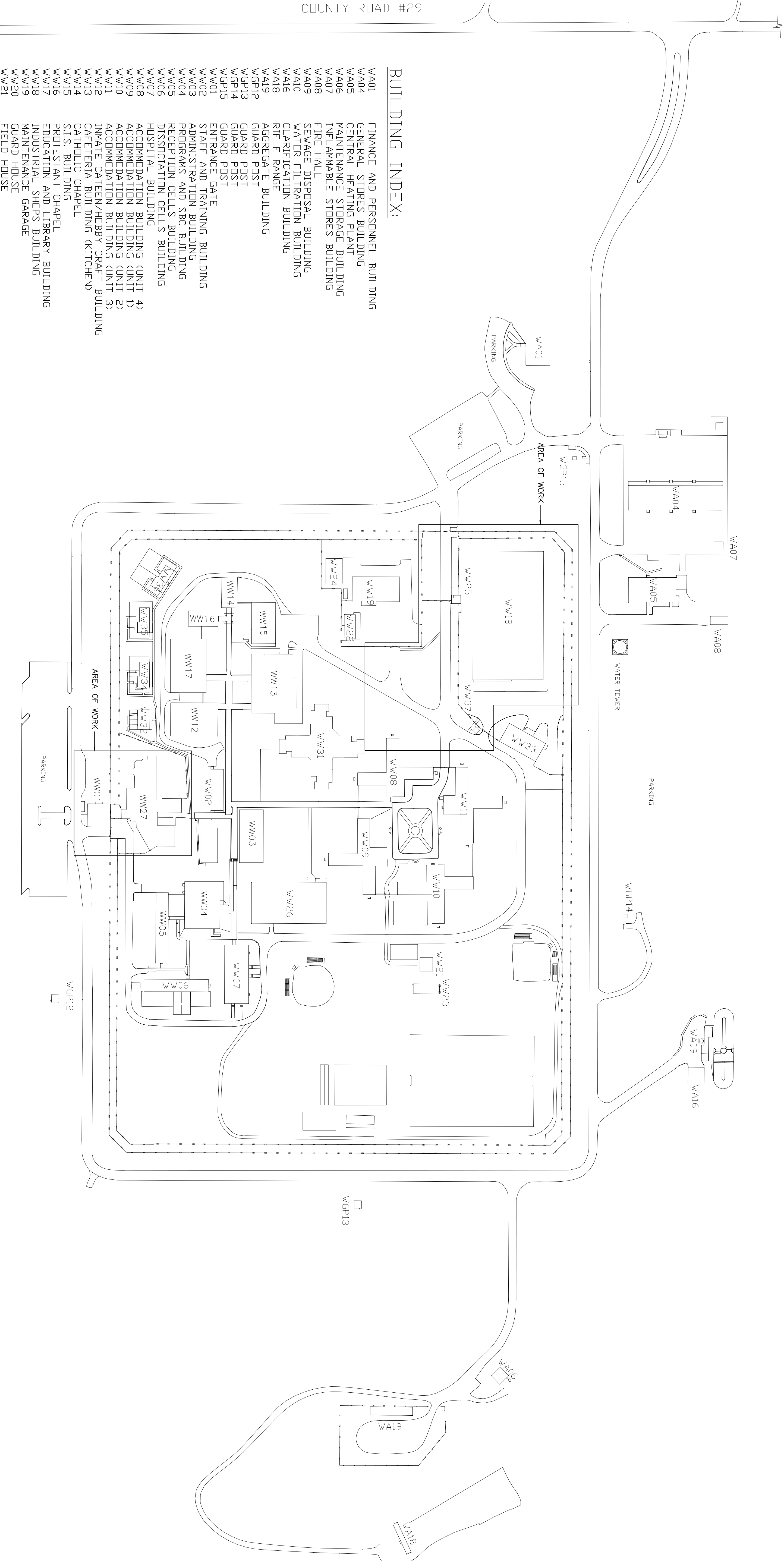
project date
date du projet
16.04.12

project no.
no. du projet
R.074854.001

drawing no.
dessinée no.
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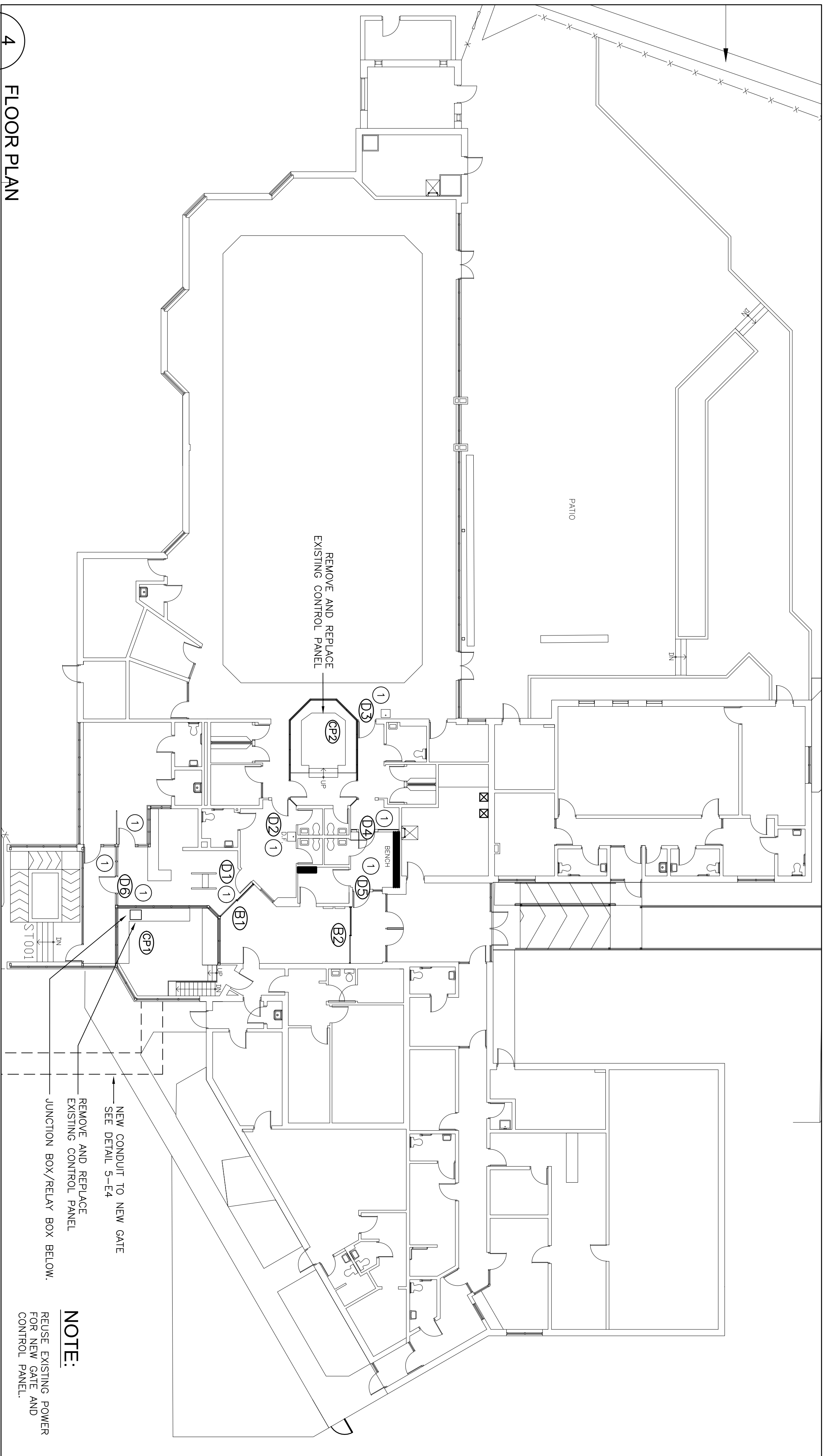
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- VA01 FINANCE AND PERSONNEL BUILDING
 - VA04 GENERAL STORES BUILDING
 - VA05 CENTRAL HEATING PLANT
 - VA06 MAINTENANCE STORAGE BUILDING
 - VA07 INFLAMMABLE STORES BUILDING
 - VA08 FIRE HALL
 - VA09 SEWAGE DISPOSAL BUILDING
 - VA10 WATER FILTRATION BUILDING
 - VA16 CLARIFICATION BUILDING
 - VA18 RIFLE RANGE
 - VA19 AGGREGATE BUILDING
 - WGP12 GUARD POST
 - WGP13 GUARD POST
 - WGP14 GUARD POST
 - WGP15 GUARD POST
 - WV01 ENTRANCE GATE
 - WV02 STAFF AND TRAINING BUILDING
 - WV03 ADMINISTRATION BUILDING
 - WV04 PROGRAMS AND SBC BUILDING
 - WV05 RECEPTION CELLS BUILDING
 - WV06 DISSOCIATION CELLS BUILDING
 - WV07 HOSPITAL BUILDING
 - WV08 ACCOMMODATION BUILDING (UNIT 4)
 - WV09 ACCOMMODATION BUILDING (UNIT 2)
 - WV11 ACCOMMODATION BUILDING (UNIT 3)
 - WV12 IMMATE CATEEN/HOBBY CRAFT BUILDING
 - WV13 CAFETERIA BUILDING (KITCHEN)
 - WV14 CATHOLIC CHAPEL
 - WV15 S.I.S. BUILDING
 - WV16 PROTESTANT CHAPEL
 - WV17 EDUCATION AND LIBRARY BUILDING
 - WV18 INDUSTRIAL SHOPS BUILDING
 - WV19 MAINTENANCE GARAGE
 - WV20 GUARD HOUSE
 - WV21 FIELD HOUSE
 - WV22 WORKS EQUIPMENT STORAGE BUILDING
 - WV23 MAINTENANCE GARAGE ANNEX
 - WV24 SPORTS PAVILION
 - WV25 SALLYPORT BUILDING
 - WV26 VISITOR, CORRESPOND. & CONTROL CENTRE
 - WV27 ACCOMMODATION BUILDING (80-MAN UNIT)
 - WV35 PRIVATE FAMILY VISIT DUPLEX (UNIT 1 & 2)
 - WV36 PRIVATE FAMILY VISIT DUPLEX (UNIT 3 & 4)
 - WV37 PRIVATE FAMILY VISIT DUPLEX (UNIT 5 & 6)
 - WV38 PRIVATE FAMILY VISIT DUPLEX (UNIT 7 & 8)
 - WV39 PRIVATE FAMILY VISIT DUPLEX (UNIT 9 & 10)



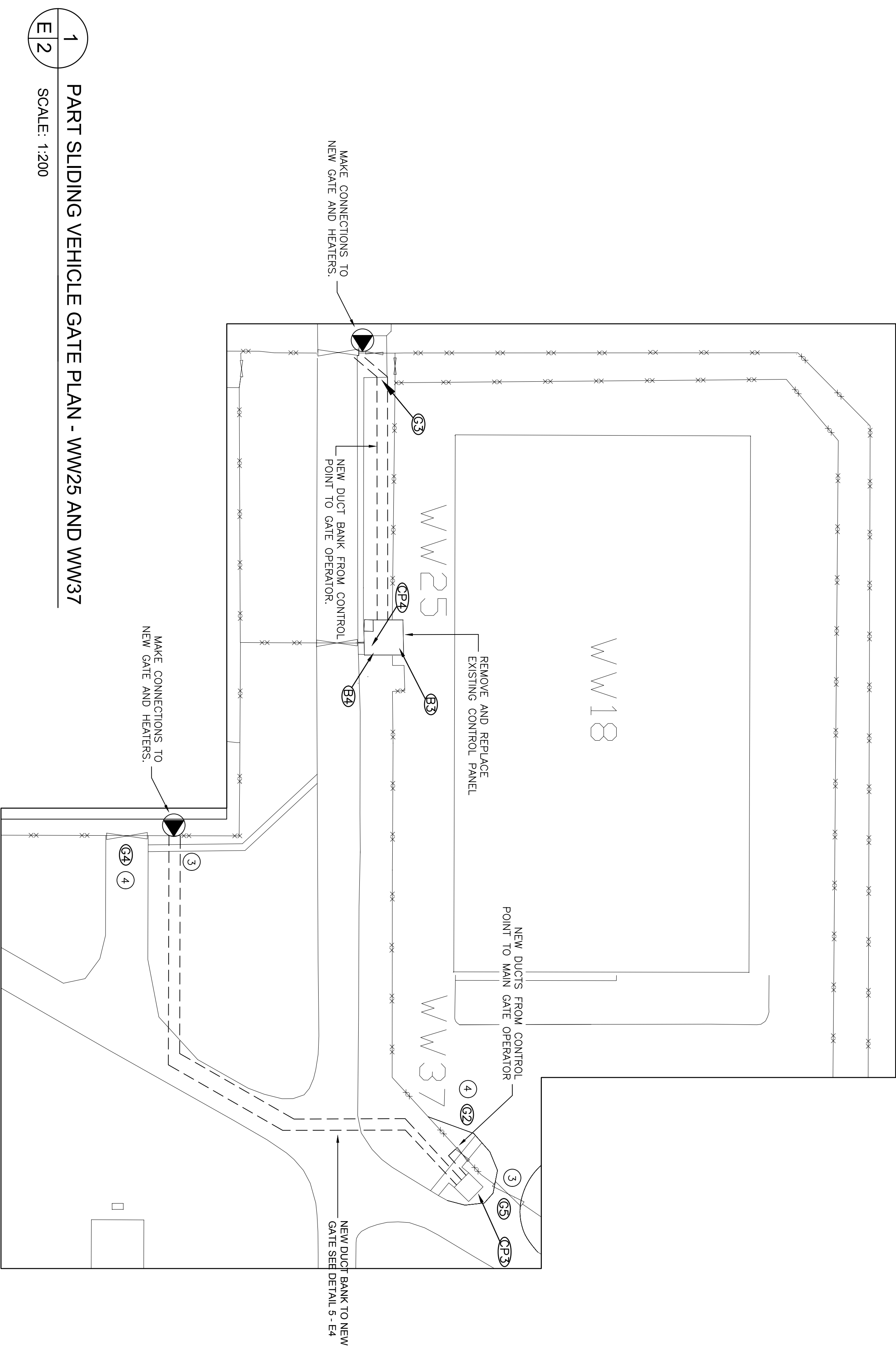
COUNTY ROAD #29

KEY PLAN
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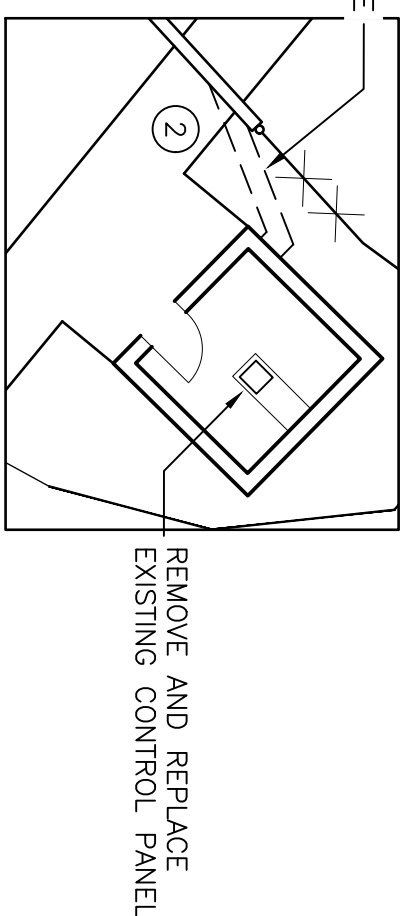
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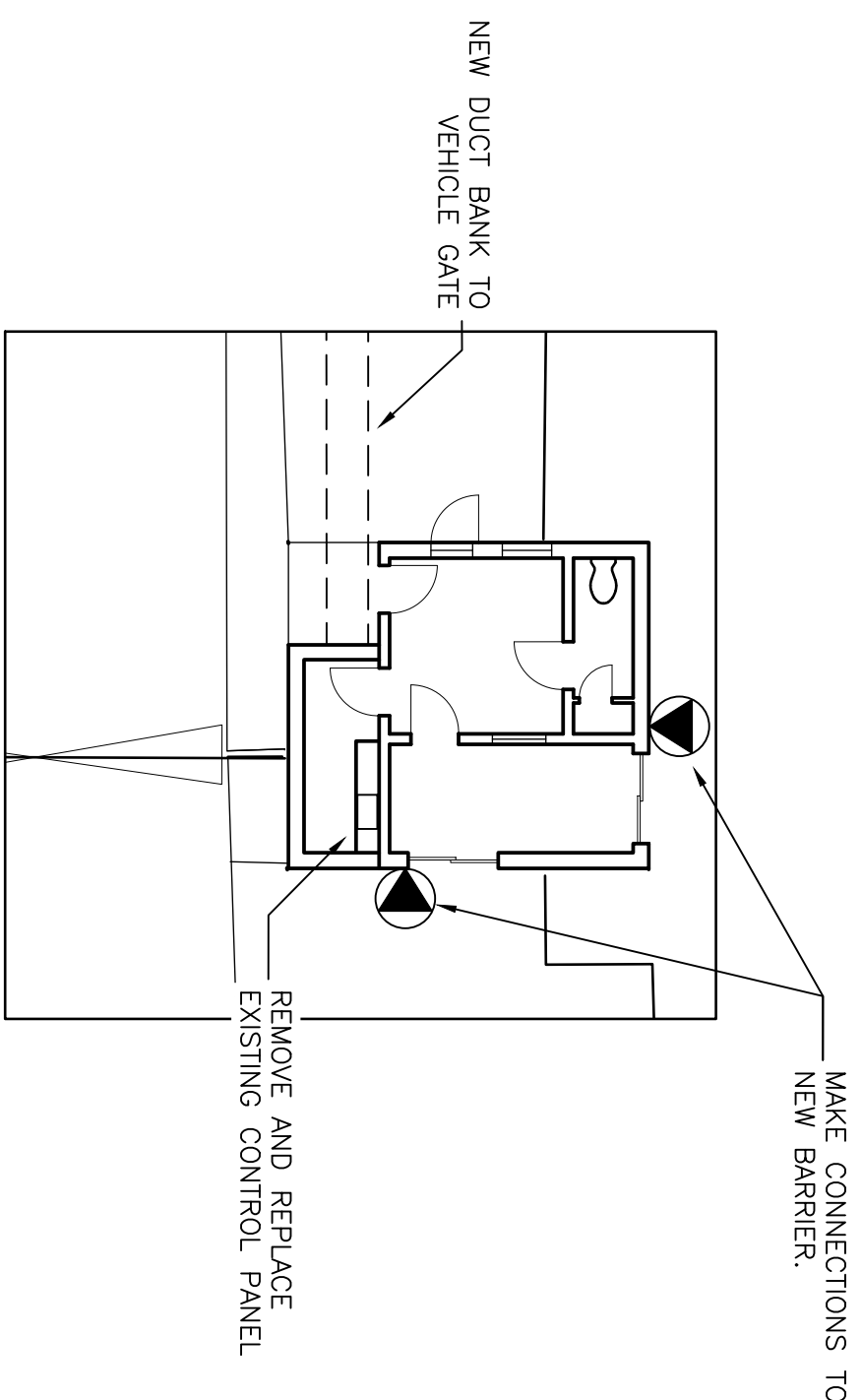
4 FLOOR PLAN
SCALE: 1:150



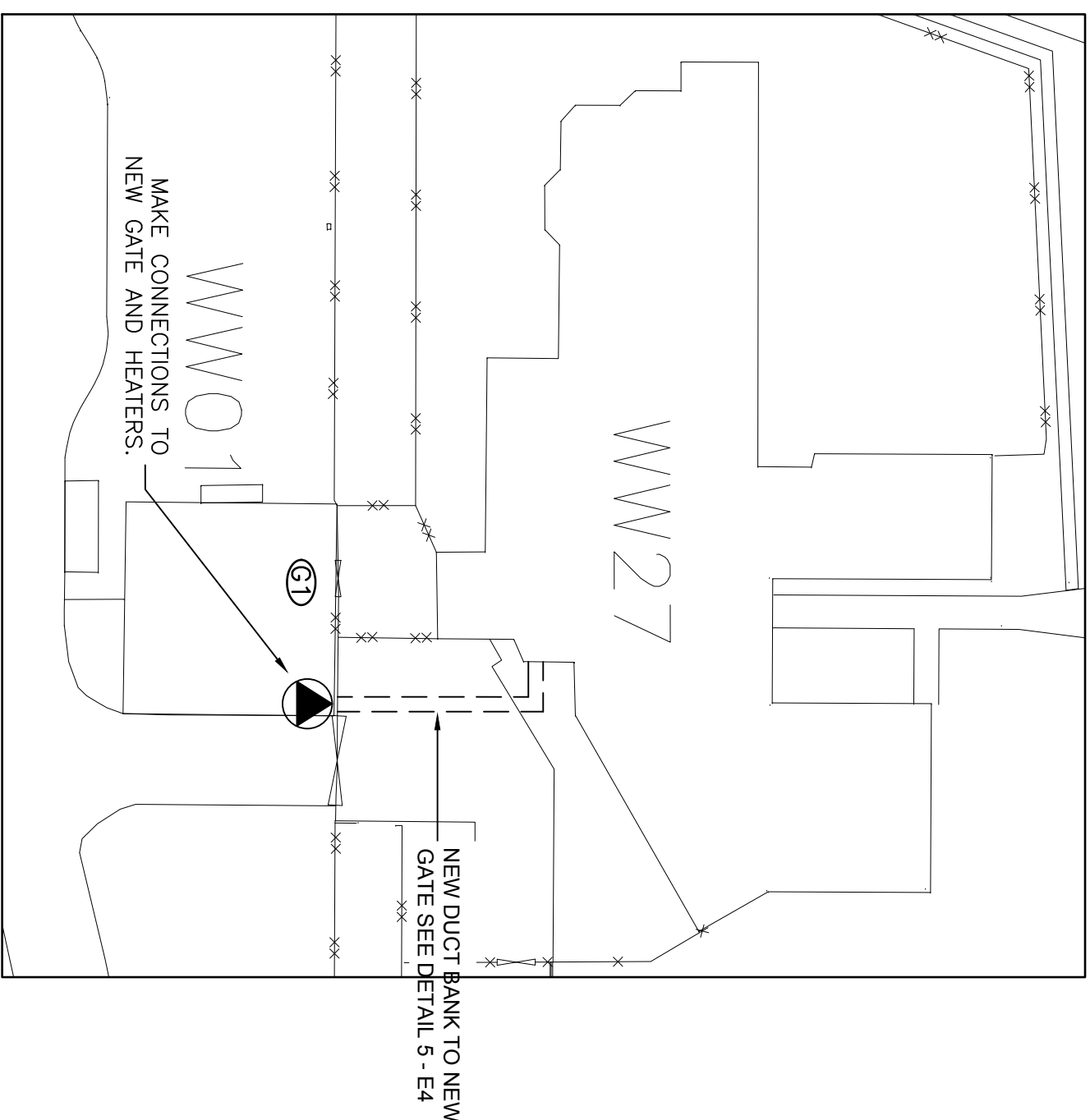
1 PART SLIDING VEHICLE GATE PLAN - WW25 AND WW37
SCALE: 1:200



6 FLOOR PLAN - WW37
SCALE: 1:150



5 FLOOR PLAN - WW25
SCALE: 1:150



2 PART SLIDING PEDESTRIAN GATE PLAN - WW27
SCALE: 1:200

NOTE:

1. DISCONNECT EXISTING ELECTRIC STRIKE AND CONNECT NEW ELECTRIC STRIKE.
2. DISCONNECT EXISTING BARRIER AND CONNECT NEW BARRIER.
3. MAKE CONNECTION TO NEW GATE.
4. DISCONNECT EXISTING GATE.

1. REUSE EXISTING CIRCUIT FEEDS TO POWER NEW GATES/CONTROL PANELS.
2. REUSE EXISTING CIRCUITS TO POWER HEATERS FOR THE GATES.

04	ISSUED FOR TENDER & CONSTRUCTION	17.10.02
03	ISSUED FOR PERMIT & CONSTRUCTION	17.08.11
02	ISSUED FOR 100% CLIENT REVIEW	17.05.12
01	revision	date

Do not scale drawings. Verify all dimensions and conditions on site and immediately notify the engineering representative if a discrepancy.

A	Project title
B	drawing no. - where detail required
C	drawing no. - where detail exists
C	drawing no. - for details

Project title
WARKWORTH
CORRECTIONAL SERVICE CANADA
WARKWORTH INSTITUTION
NEW BARRIERS & GATES

FLOOR PLANS
AND DETAILS
CSC No.: 460-3408

designed by
DM.

checked by
DM

approved by
Y. KODAI

project manager
R.074854.001

project date
16.04.12

drawing no.
E2

04		
03	ISSUED FOR TENDER & CONSTRUCTION	17.10.02
02	ISSUED FOR PERMIT & CONSTRUCTION	17.08.11
01	ISSUED FOR 100% CLIENT REVIEW	17.05.12
revision		date

Do not scale drawings.
Verify all dimensions and conditions on site and immediately
advise the supervising representative if a discrepancy exists.

A	Sheet No.
B	drawing no. - where detail required
C	drawing no. - old detail exists
	drawing no. - old drawing

project title
time and project
WARCKWORTH
CORRECTIONAL SERVICE CANADA
WARCKWORTH INSTITUTION
NEW BARRIERS & GATES

drawing title
drawing sheet
ELEVATIONS AND
DETAILS
CSC No.: 460-3408

drawn by
designed for
designed by
checked by
approved for

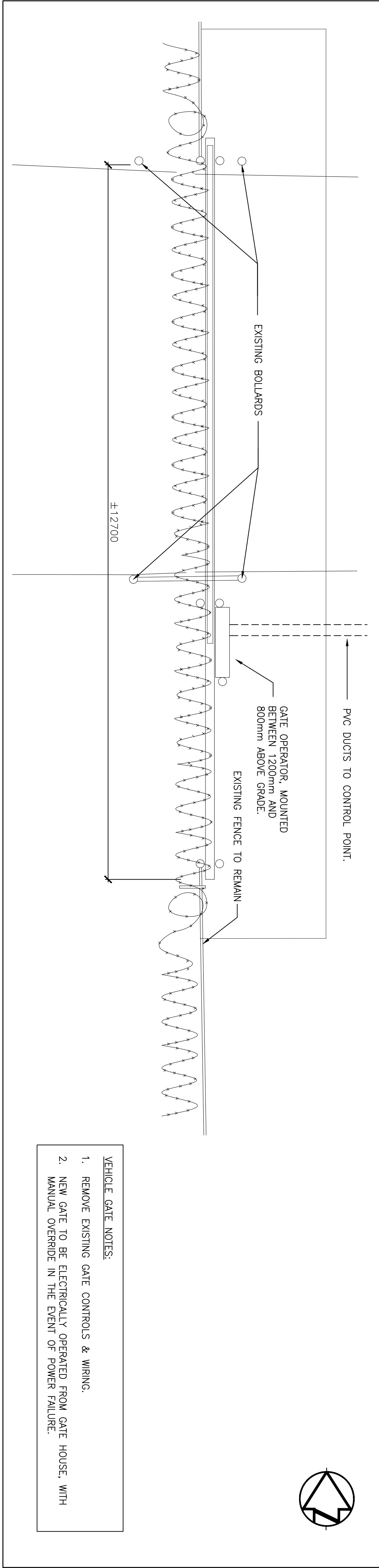
DM.
DM.
DM.

Y. KODAI
project manager
administrateur
de projet

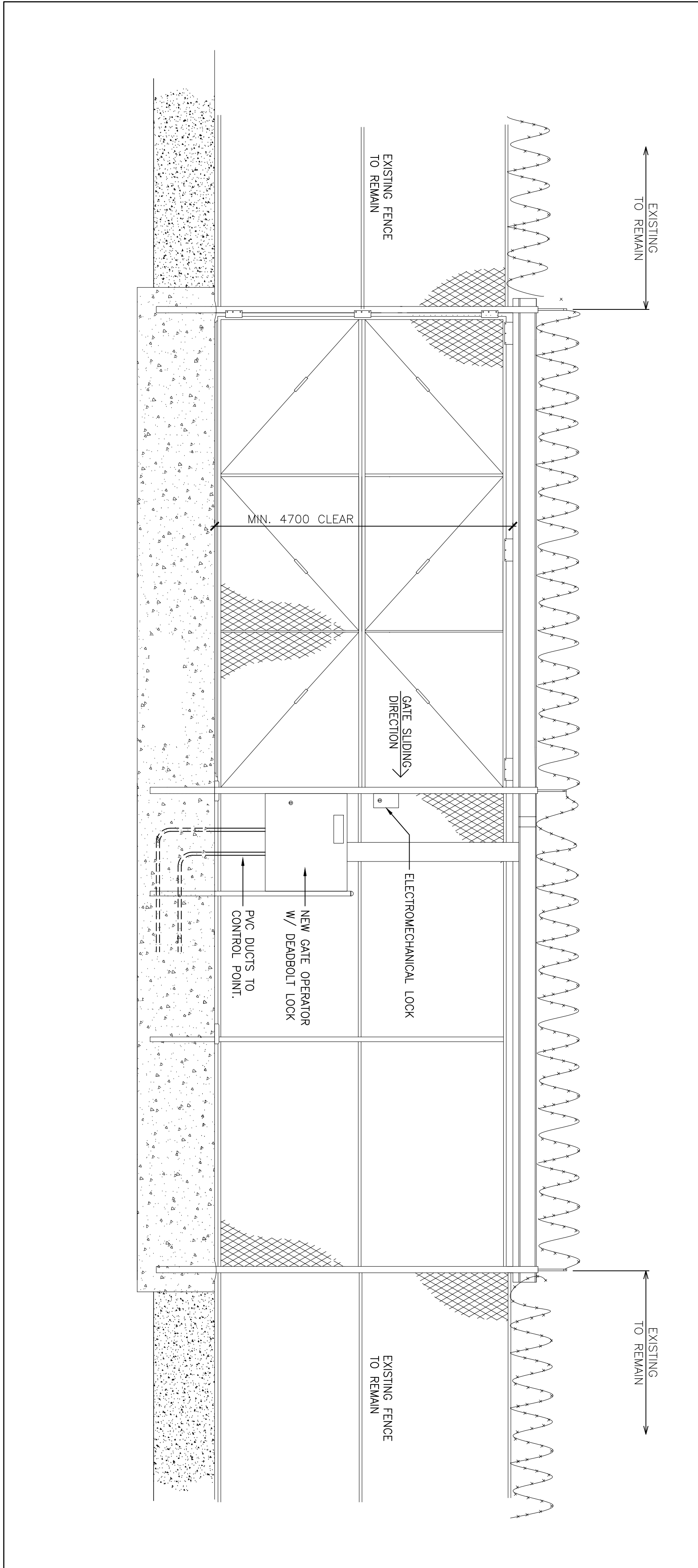
project date
date du projet
16.04.12

project no.
no. du projet
R.074854.001

drawing no.
dessinée no.
E3



1
E3
SLIDING VEHICLE GATE PLAN
SCALE: 1:50



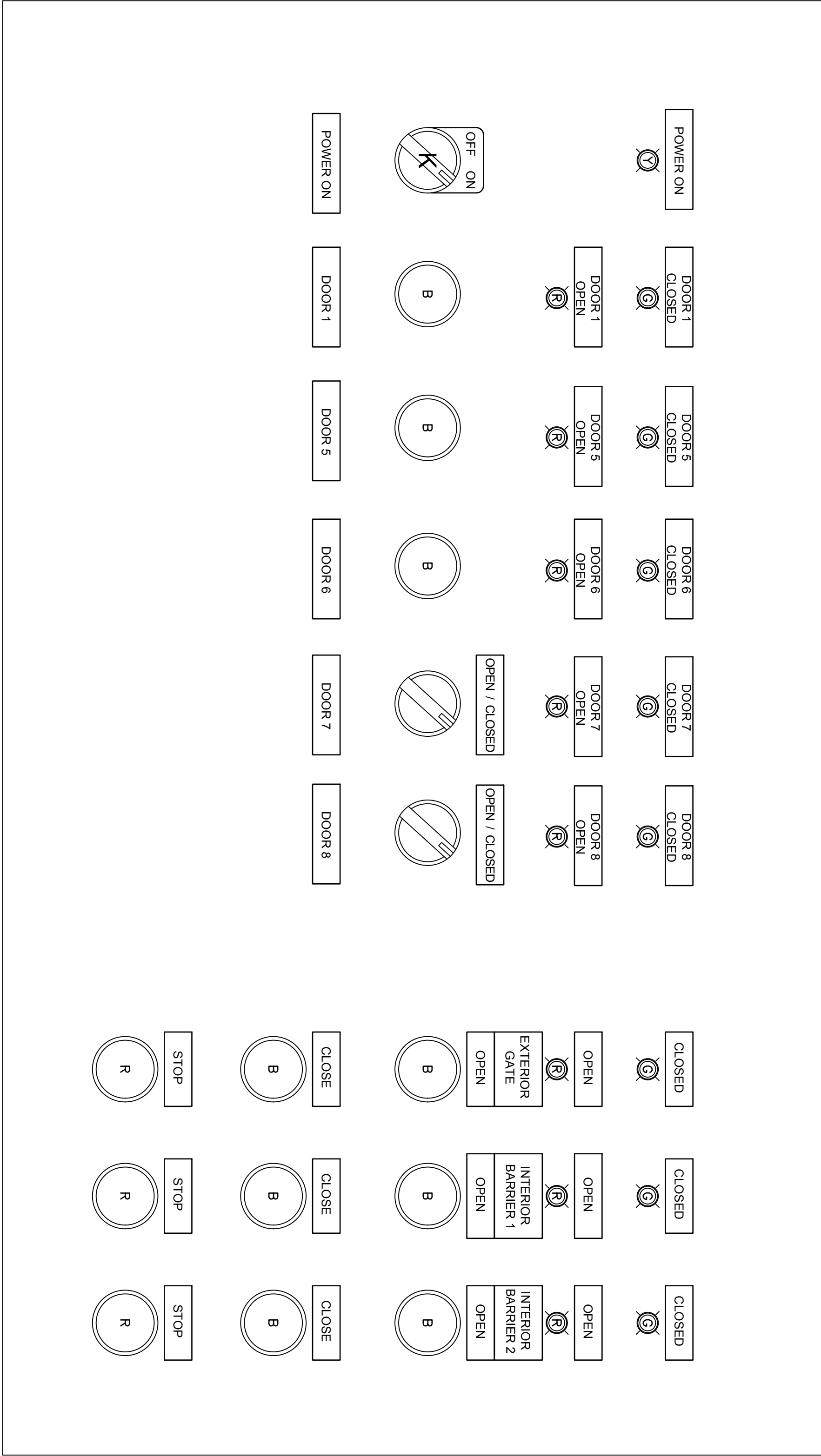
2
E3
SLIDING VEHICLE GATE ELEVATION
SCALE: 1:50

revision	Do not scale drawings. Verify all dimensions and conditions on site and immediately verify the representation is appropriate to the design.	date
01	ISSUED FOR 100% CLIENT REVIEW	17.05.12
02	RE-ISSUED FOR 100% CLIENT REVIEW	17.08.02
03	ISSUED FOR PERMIT & CONSTRUCTION	17.08.11
04	ISSUED FOR TENDER & CONSTRUCTION	17.10.02

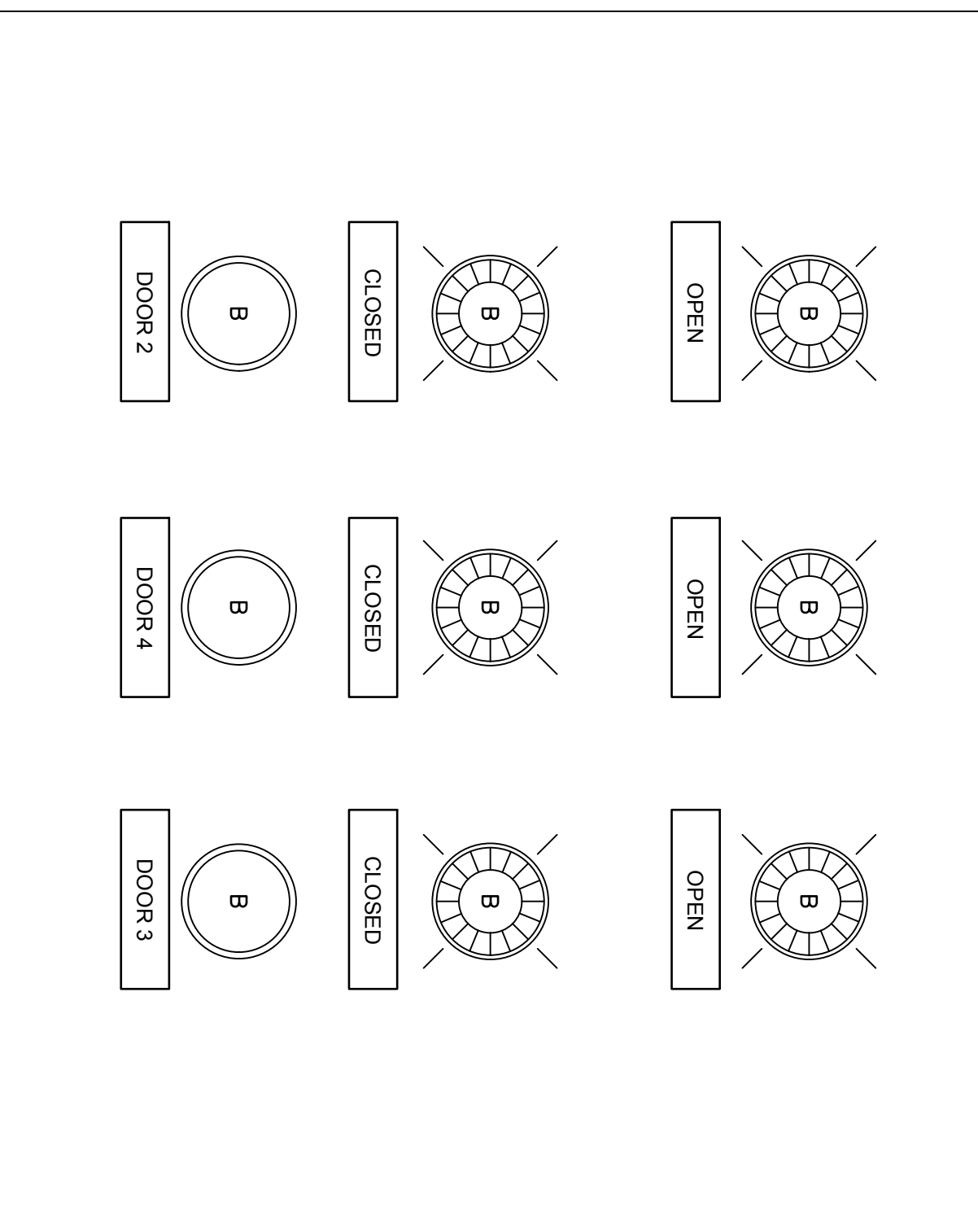
project title	WARKWORTH CORRECTIONAL SERVICE CANADA WARKWORTH INSTITUTION NEW BARRIERS & GATES
drawn by	M.R.
designed by	D.M.
checked by	D.M.
approved for	D.M.
date	16.04.12
project no.	R.074854.001
drawing no.	E4

CONTROL PANELS AND DETAIL

project title	WARKWORTH CORRECTIONAL SERVICE CANADA WARKWORTH INSTITUTION NEW BARRIERS & GATES
drawn by	M.R.
designed by	D.M.
checked by	D.M.
approved for	D.M.
date	16.04.12
project no.	R.074854.001
drawing no.	E4



1 CONTROL PANEL DETAIL CP2
E4 SCALE: N.T.S.



ORDER OF OPERATIONS

DOORS D3, D5, D6, D7, D8

ACTUATION OF DOOR - BUTTON SHALL RELEASE THE LOCK AT THE DOOR. RELEASE OF THE DOOR - BUTTON SHALL RE-ENGAGE THE LOCK. A MAGNETIC SWITCH MOUNTED IN THE DOOR FRAME SHALL INDICATE THE DOOR STATUS VIA THE INDICATOR LIGHTS.

THE KEYSWITCH FOR DOOR 1 SHALL TRANSFER CONTROL TO CP2. DOOR ONE SHALL OPERATE AS DOOR 6,7,8 IN ALL OTHER RESPECTS.

DOORS D9, D10, D11, 102, 108, 114, 116

REPLACE EXISTING CONTROLS WITH NEW. MAINTAIN FUNCTIONALITY WITH NEW CONTROLS.

EXTERIOR GATE (G1) PED GATE, #18(G2), #11 & #19(G3) VEHICLE GATE, G3

ACTUATION OF THE OPEN BUTTON SHALL OPEN THE GATE TO ITS LIMIT. ACTUATION OF THE CLOSE BUTTON SHALL CLOSE THE GATE TO

IF THE GATE IS NOT IN ITS FULLY CLOSED POSITION THEN A TEMPORAL ALARM SHALL SOUND. THE PATTERN SHALL NOMINALLY BE 1 SECOND ON AND 5 SECONDS OFF.

THE OPEN INDICATOR SHALL BE ILLUMINATED UNLESS THE GATE IS IN ITS FULLY CLOSED POSITION.

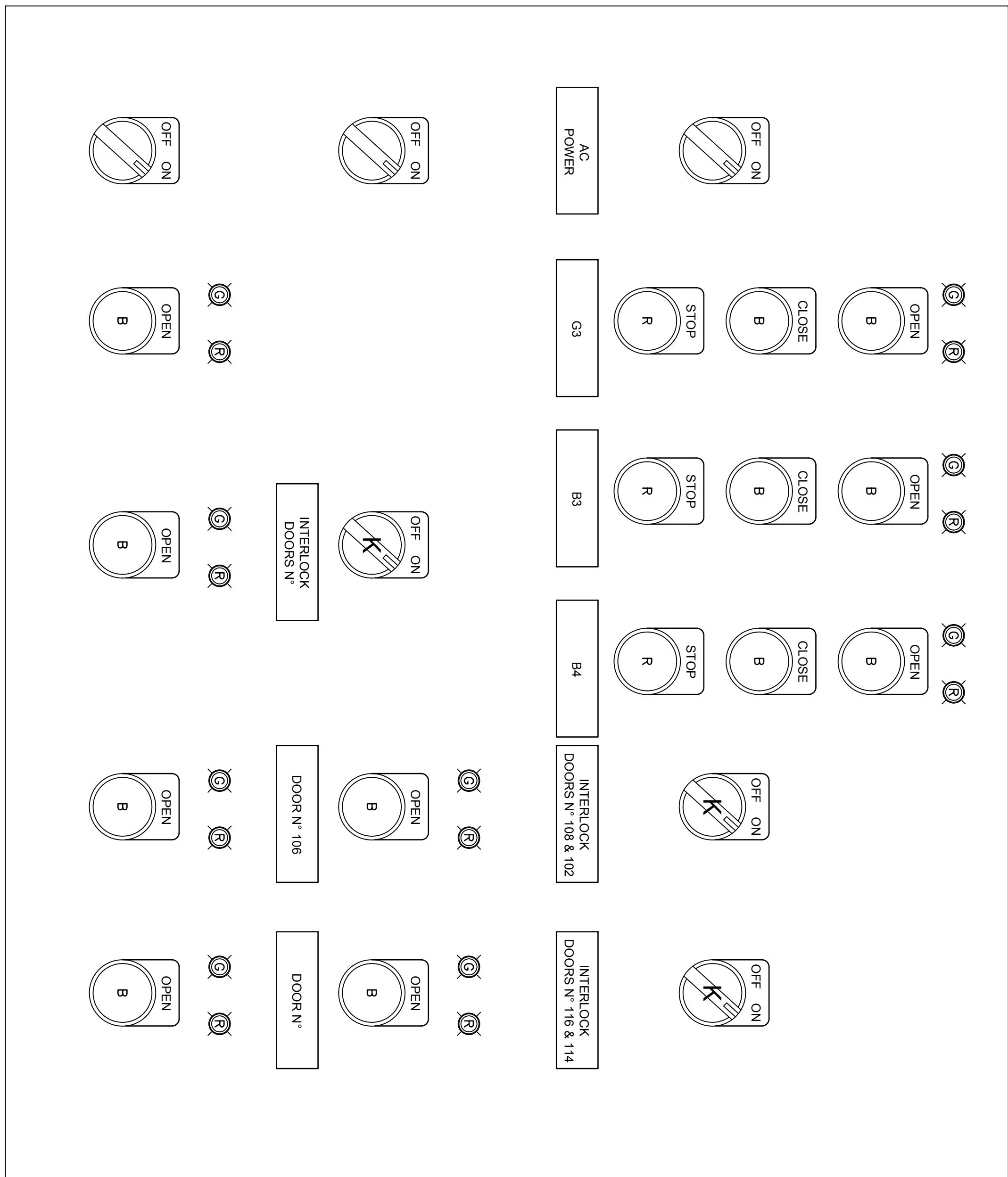
BARRIERS 1 THROUGH 4

BARRIER ONE AND 2 SHALL OPERATE AS GATE 1 BUT WITHOUT THE TEMPORAL ALARM.

COLOUR KEYS

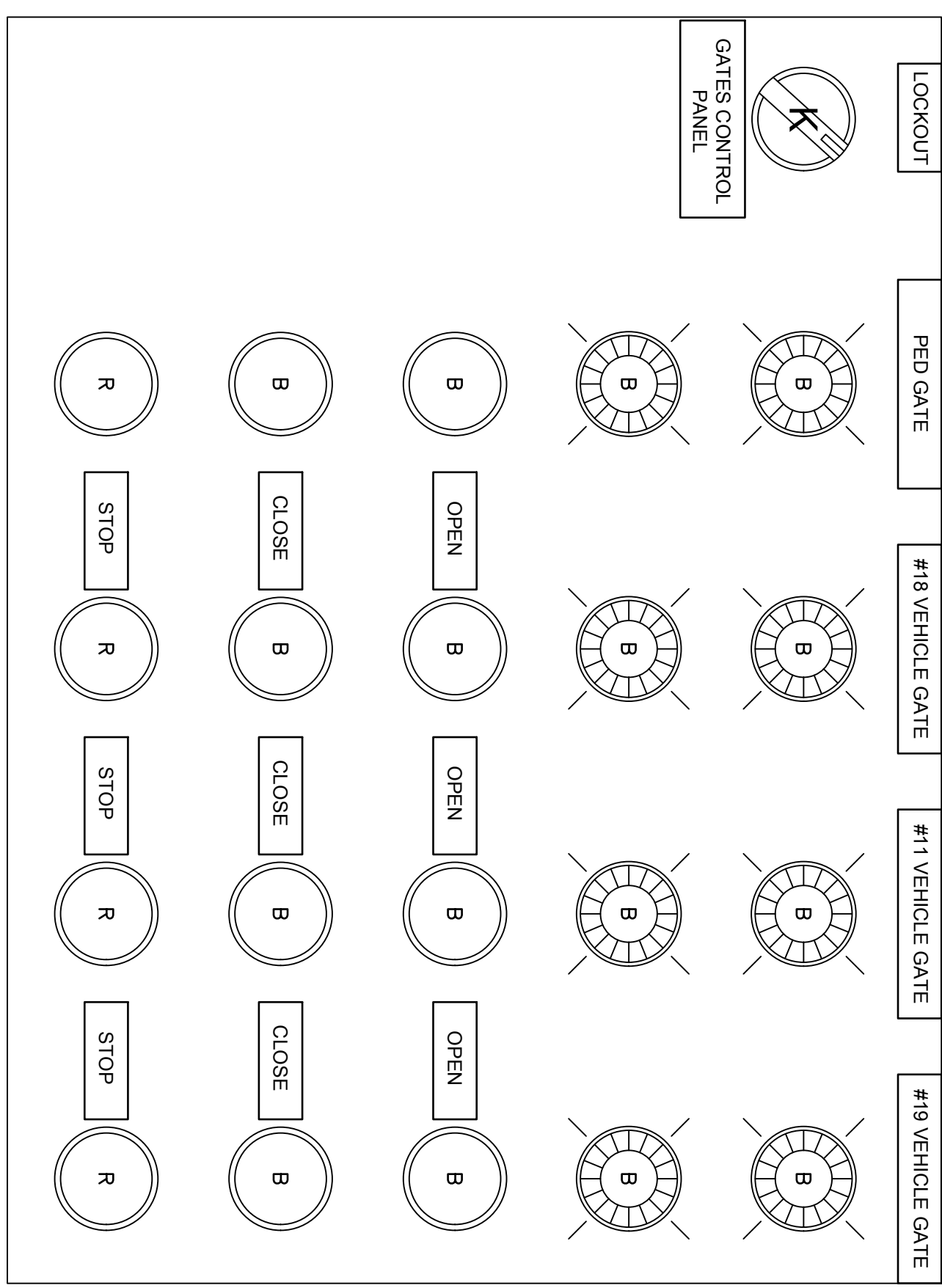
B - BLACK
G - GREEN
Y - YELLOW

THE DOOR NUMBERS SHOWN ON THE DRAWINGS SHALL BE USED TO IDENTIFY THE DOOR NUMBERS THAT ARE REQUIRED FOR THE LABELS PRIOR TO INSTALLATION.

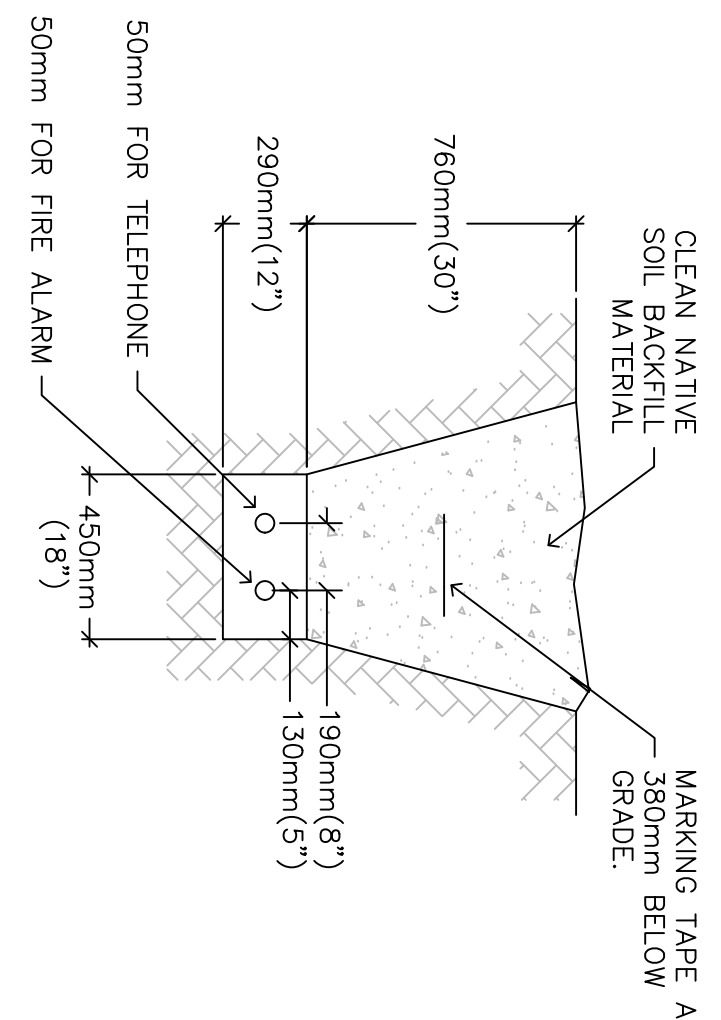


2 CONTROL PANEL DETAIL CP4
E4 SCALE: N.T.S.

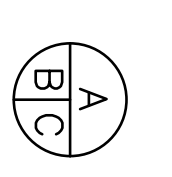
4 CONTROL PANEL DETAIL CP3
E4 SCALE: N.T.S.



5 TRENCH DETAIL
E4 SCALE: N.T.S.



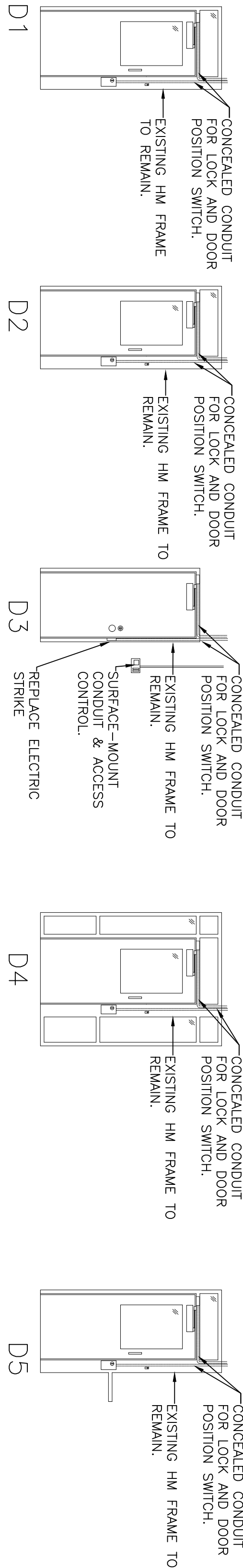
Do not scale drawings. Verify all dimensions and conditions on site and immediately advise the supervising representative if a discrepancy exists.	
revision	date
01	ISSUED FOR 100% CLIENT REVIEW 17.05.12
02	ISSUED FOR PERMIT & CONSTRUCTION 17.08.11
03	ISSUED FOR TENDER & CONSTRUCTION 17.10.02
04	

	A	Plot title
	B	drawing no. – where detail required
	C	detail no. – for details

project title
time and project
WARKWORTH
CORRECTIONAL SERVICE CANADA
WARKWORTH INSTITUTION
NEW BARRIERS & GATES

drawing title
drawing no.
DETAILS

CSC No.: 460-3408	
drawn by	M.R.
designed by	D.M.
checked by	D.M.
approved for	D.M.
filed	Y. KODAI
project date date du projet	16.04.12
project no. no. du projet	R.074854.001
drawing no. dessinée no.	E5



DOOR NOTES:

1. REMOVE EXISTING DOOR LATCH CONTROLS & WIRING. VERIFY PROPER OPERATION OF HARDWARE TO REMAIN, AND NOTIFY DEPARTMENTAL REPRESENTATIVE IF ANY HARDWARE TO REMAIN DOES NOT FUNCTION PROPERLY.
2. INSTALL NEW LATCH & LOCK ACCESS CONTROL HARDWARE, C/W CONDUIT & WIRING.

NOTES (D6):

1. REMOVE EXISTING DOOR CONTROLS & WIRING.
2. INSTALL NEW DOOR ACCESS CONTROL, C/W CONDUIT & WIRING.

REMOVE AND REPLACE
EXISTING SLIDING DOOR
BARRIER OPERATING
CONTROLS AND WIRING.

NOTES:

1. LEAD PAINT HAS BEEN IDENTIFIED AS BEING PRESENT ON THESE EXISTING DOOR LATCH CONTROLS. CONTRACTOR IS REQUESTED TO COMPLY WITH LEAD PAINT LEGISLATION FOR ANY WORK CREATING DISTURBANCE TO DESIGNATED MATERIALS.
2. WORK ON THESE GATES ONE AT A TIME.
3. CONTRACTOR TO CO-ORDINATE WITH OWNER IN SCHEDULING WORK AS TO MINIMIZE CONFLICT, TO FACILITATE OWNER USAGE, AND TO ENSURE CONTINUITY OF SECURITY.
4. ACCESS THROUGH GATE TO BE MAINTAINED DURING CONSTRUCTION.

DOOR ELEVATIONS D1 TO D6

SCALE: 1:50

SLIDING BARRIERS

SCALE: 1:20