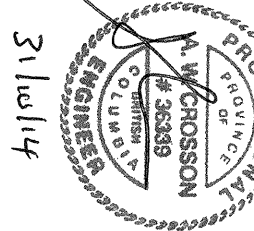
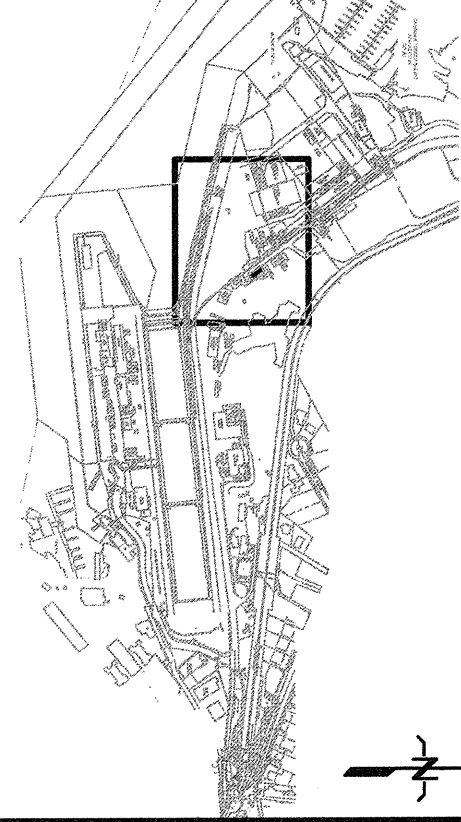


KEYPLAN:



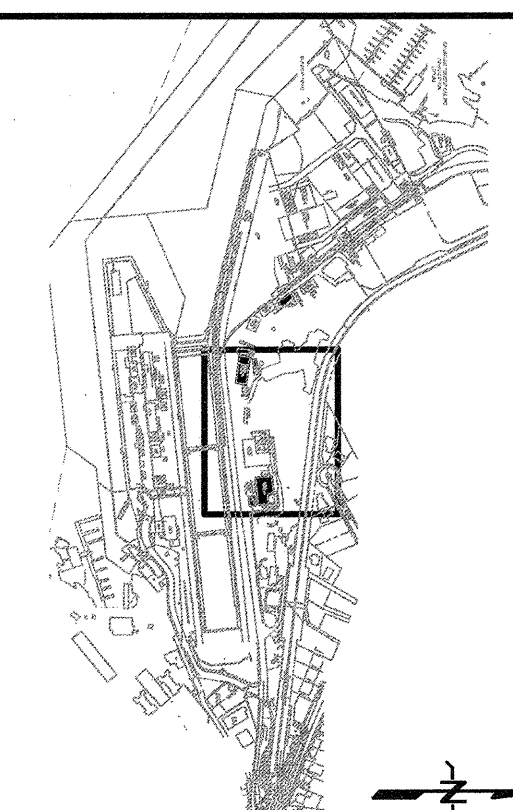
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4		
3	ISSUED FOR TENDERS	14/10/17
2	ISSUED FOR BIDS REVIEW	14/09/14
1	RE-ISSUED FOR BIDS REVIEW	13/12/16
0	ISSUED FOR BIDS REVIEW	13/11/16
Revised/	Description/Description	Date/Date
Client/Client		

PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA
825 ADMIRALS ROAD
VICTORIA, BC

Project title/Titre du projet
ESQUIMALT GRAVING DOCK
CARD ACCESS
CONTROL SYSTEM

Consultant Signature Box Only
Designed by/Concepté par J.M. / A.C.
Drawn by/Dessiné par P.P.
PWGSC Project Manager/Administrateur de Projet PWGSC S. WINDL
PWGSC Regional Manager, Maintenance and Engineering Services P. PAUL
Drawing title/Titre du dessin ENLARGED ELECTRICAL SITE KEY PLAN (1 of 2)

Project No./No. du projet R016116.113	Sheet/Feuille E101 OF 19	Revision no./ no. de révision 3
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31/01/14

**ESQUIMALT GRAVING DOCK
CARD ACCESS
CONTROL SYSTEM**

Consultant Signature Box Only

Designed by/Concepted by
J.M. / A.C.

Drawn by/Dessiné par
P P

**PWGSC Project Manager/Administrateur de Projets TPSCC
S. WINDL**

P. PAUL
Gestionnaire régionale, Services d'architecture et de génie, TPSCC

Drawing title/Titre du dessin

ENLARGED ELECTRICAL
SITE KEY PLAN
(2 of 2)

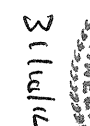
Project No./No. du projet
R.016116.113

E102

3



EXISTING MULTIMODE FIBRE PATCH PANEL



3111012

0	ISSUED FOR 50% REVIEW	13/11/18
Revision/ Revision	Description/Description	Date/Date

CANADA

**825 ADMIRALS ROAD
VICTORIA, BC**

du projet

QUIMALT GRAVING DOCK

CONTROL SYSTEM

Signature Box Only

concept par

ne par

Manager/

Manager, As
able. Serv

re du dessin

ACCESS AND

-113

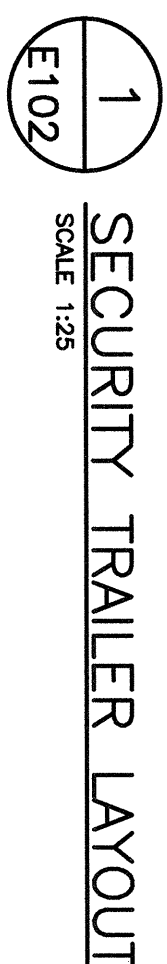
La Révision
no. **3**



Electrical Shop

PWGSU ELECTRICAL SHOP
DOOR ACCESS DIAGRAM

DOOR DETAILS

client/client

825 ADMIRALS ROAD
VICTORIA, BC

ESQUIMALT GRAVING DOCK

CARD ACCESS CONTROL SYSTEM

Designed by/Concept par
J.M. / A.C.

P.P.

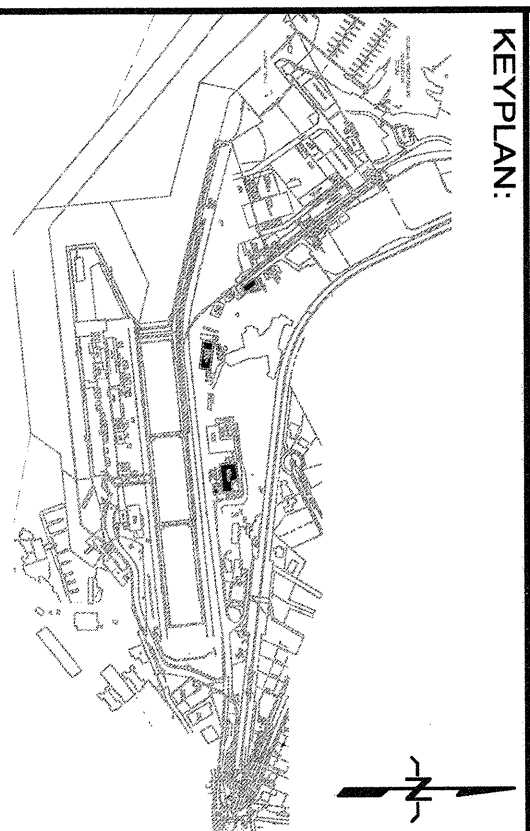
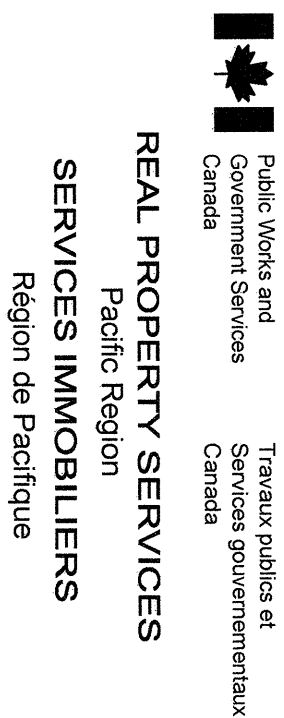
PWGSC Project Manager/Administrateur de Projets TPSCC
S. WINDL

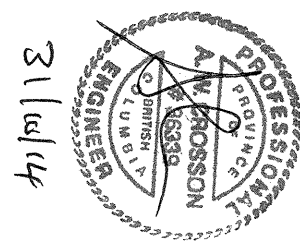
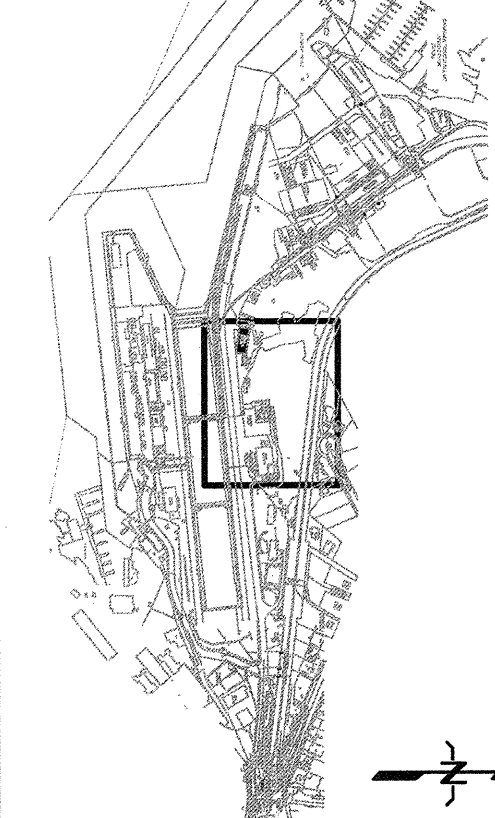
PWGSC, Regional Manager, Architectural and Engineering Services/Gestionnaire régional, Services d'architecture et de génie, TPWSC
P. PAUL

Drawing title/Titre du dessin

**NS38
PWGSC SECURITY TRAILER
CARD ACCESS ELECTRICAL LAYOUT**

Project No./No. du projet	Sheet/Feuille	Revision no./ La Revision no.
R.016116.113	E210 OF 19	3





5		
4		
3	ISSUED FOR TENDER	14/09/17
2	ISSUED FOR BOM REVIEW	14/02/14
1	RE-ISSUED FOR BOM REVIEW	13/12/18
0	ISSUED FOR BOM REVIEW	13/11/18
Revised / Révisé	Description / Description	Date / Date
Drawn / Dessiné		

PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA
825 ADMIRALS ROAD
VICTORIA, BC

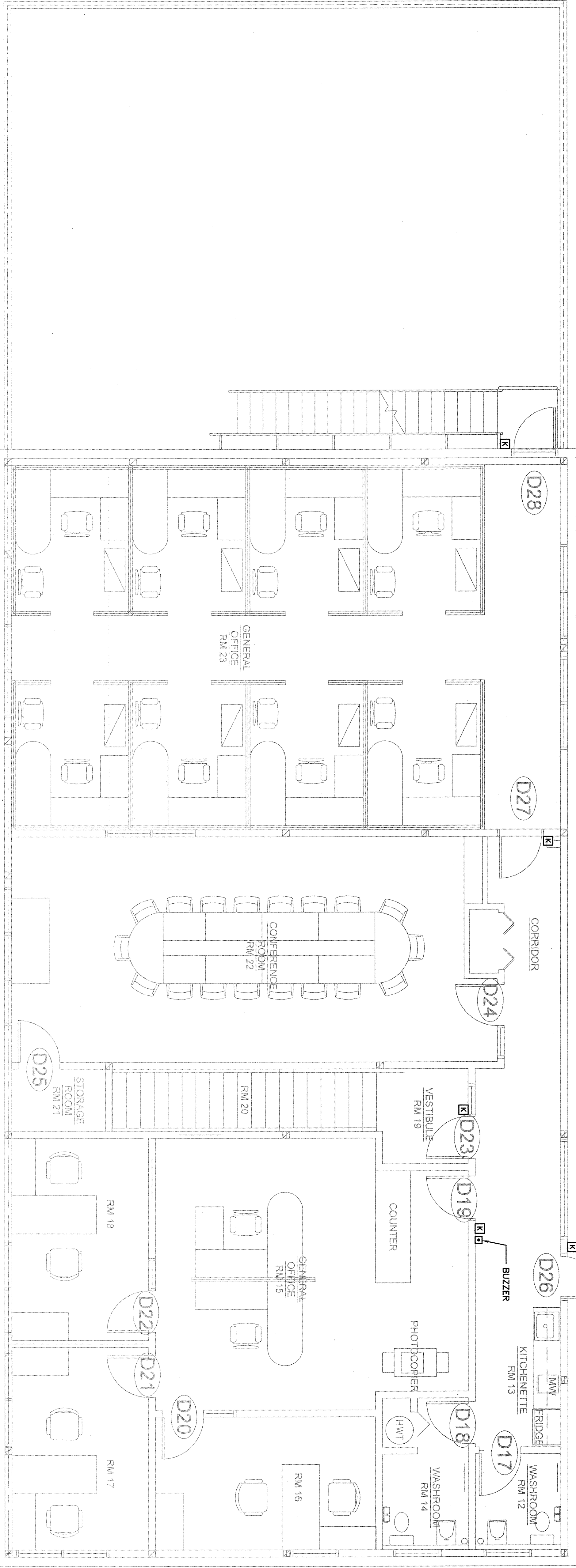
ESQUIMALT GRAVING DOCK
CARD ACCESS
CONTROL SYSTEM

Consent / Signature Box Only
Designed by / Conçu par
J.M./A.C.
Drawn by / Dessiné par
P.P.
PWGSC Project Manager / Administrateur de projets PRSC
S. WINDL
Project Engineer / Ingénieur de projet P. PALL Project Engineer / Ingénieur de projet P. PALL
Drawing Title / Titre du dessin

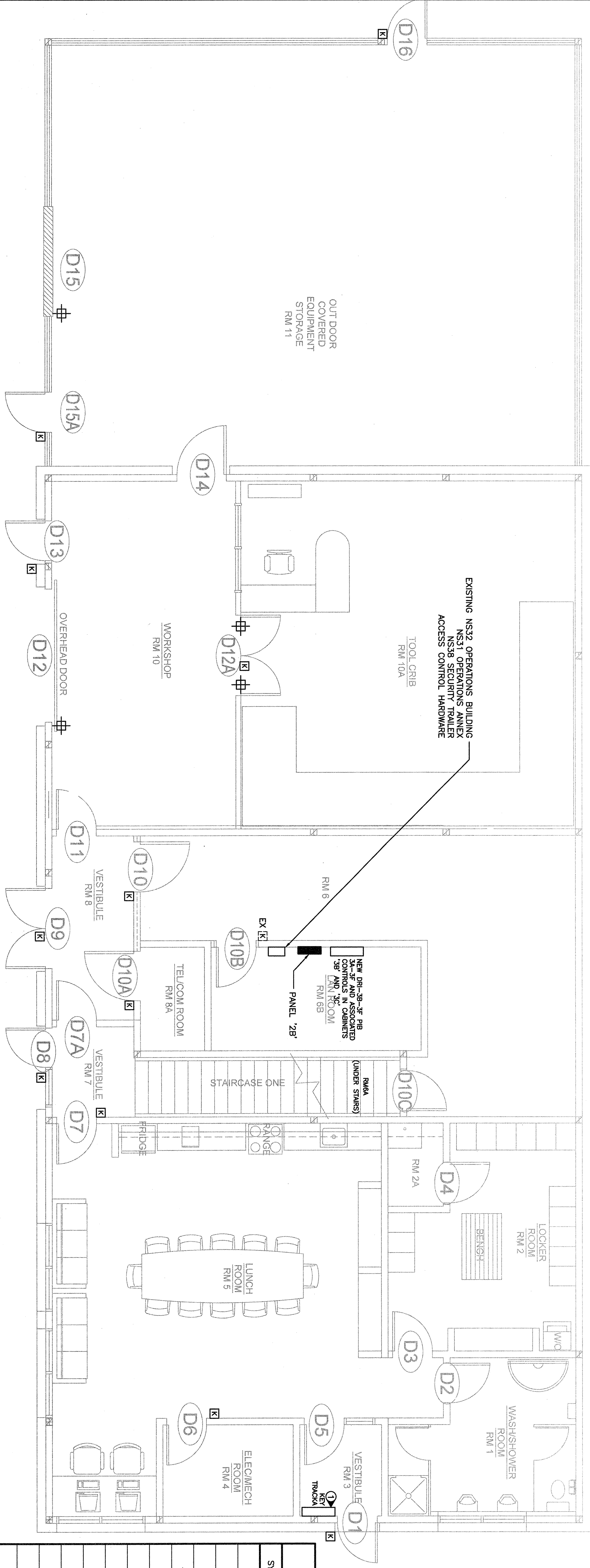
NS32
PWGSC OPERATIONS BUILDING
CARD ACCESS ELECTRICAL LAYOUT

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision
R.016116.113	E220	3
	OF 19	

KEYNOTES:
KEY TRACK LOCATION SHOWN FOR
INFORMATION ONLY. OWNER TO PROVIDE
TRACK CABINET AND ALL SYSTEMS
CONNECTIONS OUTSIDE THIS CONTRACT.



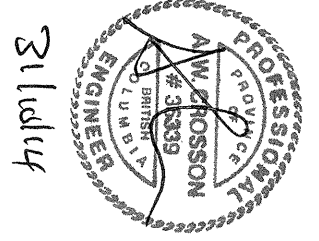
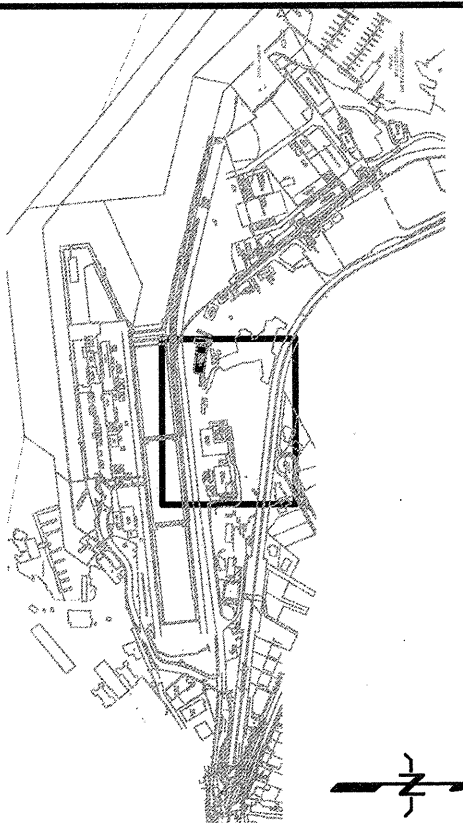
PWGSC OPERATIONS BUILDING
UPPER FLOOR LAYOUT
SCALE 1:50



PWGSC OPERATIONS BUILDING
MAIN FLOOR LAYOUT
SCALE 1:50

LEGEND	
SYMBOL	DESCRIPTION
[K]	COMMAND KEYPAD
[R]	COMBINATION CARD READER AND KEYPAD
[E]	ELECTRONIC LOCKSET
[W]	WIRELESS COMBINATION CARD READER
[P]	KEYPAD ELECTRONIC LOCKSET
[D]	PERIMETER DOOR ALARM CONTACT
[S]	ELECTRONIC DOOR STRIKE
[M]	REQUEST TO EXIT MOTION SENSOR
[L]	MAGNETIC DOOR LOCK
[C]	CABINET/ENCLOSURE
[J]	MOTOR CONNECTION
[B]	JUNCTION BOX
[P]	SCHLAGE P8300 (PANEL INTERFACE BOARD)
[I]	ENEL 2220 (INTELLIGENT SYSTEM CONTROLLER)
[D]	LEVEL 1320 DUAL READER INTERFACE





5		
4		
3	ISSUED FOR TENDER	14/10/17
2	ISSUED FOR BEX REVIEW	14/02/14
1	RE-ISSUED FOR BEX REVIEW	10/11/16
0	ISSUED FOR BEX REVIEW	12/11/16
Revised/Revisé	Description/Description	Date/Date
Client/Client		

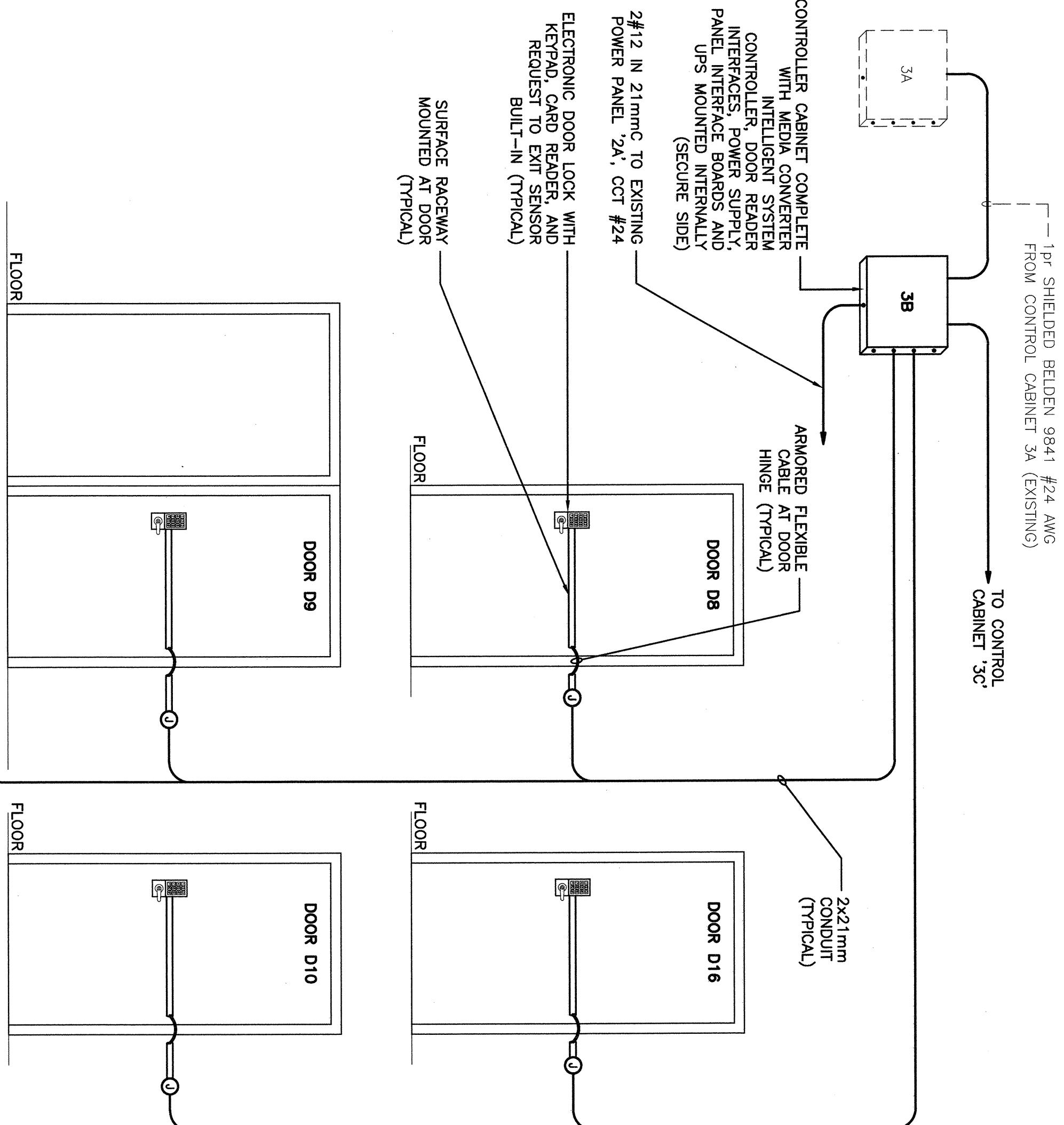
PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA
825 ADMIRAL'S ROAD
VICTORIA, BC

ESQUIMALT GRAVING DOCK
CARD ACCESS
CONTROL SYSTEM

Project title/Titre du projet	ESQUIMALT GRAVING DOCK
Designed by/Conçue par	J.M. / A.C.
Drawn by/Dessiné par	P.P.
P.W.G.S.C. Project Manager/Administrateur de Projet	TRISC
S. WINOUL	
Project Manager/Administrateur and Engineering Services	
P. PAUL	
Drawing title/Titre du dessin	

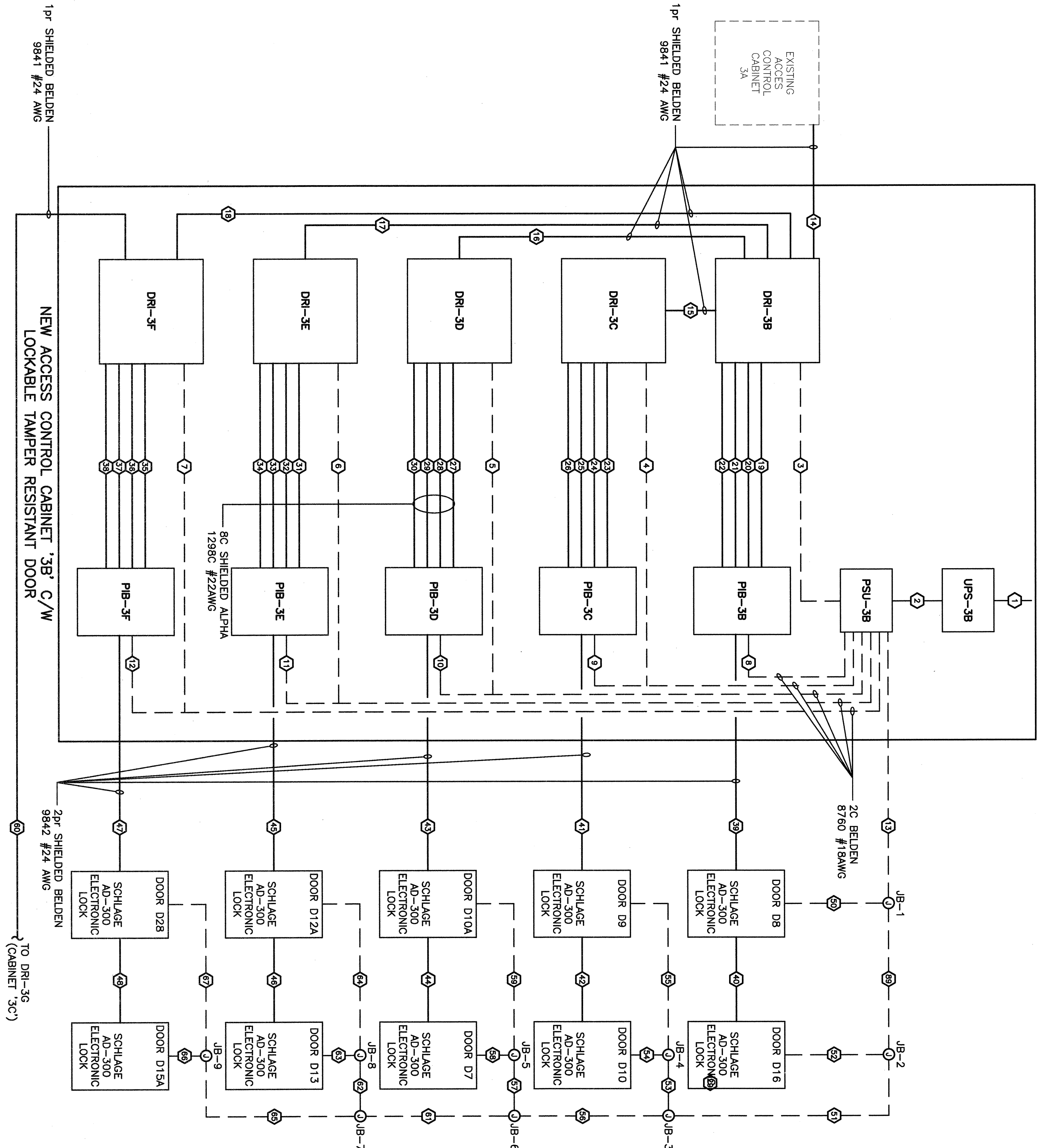
NS32
PWGSC OPERATIONS BUILDING
DOOR ACCESS AND
ELECTRICAL DETAILS
(1 of 2)

Project No./No. du projet	Sheet/Feuille	Revision no./ no. de révision
R016116.113	E221	3
	OF 19	



Tag	Cable Type	Cable usage	From	To
31	SEC166	8c-shielded Alpha 1298C #22 awg	Door D12A operation	PIB-3E
32	SEC167	8c-shielded Alpha 1298C #22 awg	Door D12A status / aux	PIB-3E
33	SEC168	8c-shielded Alpha 1298C #22 awg	Door D12 status / aux	PIB-3E
34	SEC169	8c-shielded Alpha 1298C #22 awg	Door D12 status / aux inputs	PIB-3E
35	SEC170	8c-shielded Alpha 1298C #22 awg	Door D12 operation	PIB-3E
36	SEC171	8c-shielded Alpha 1298C #22 awg	Door D12 status / aux inputs	PIB-3E
37	SEC172	8c-shielded Alpha 1298C #22 awg	Door D12A operation	PIB-3E
38	SEC173	8c-shielded Alpha 1298C #22 awg	Door D12A status / aux	PIB-3E
39	SEC174	2P Beiden 9842 #24 awg	NS485	Door D8
40	SEC175	2P Beiden 9842 #24 awg	NS485	Door D8
41	SEC176	2P Beiden 9842 #24 awg	NS485	Door D9
42	SEC177	2P Beiden 9842 #24 awg	NS485	Door D9
43	SEC178	2P Beiden 9842 #24 awg	NS485	Door D10
44	SEC179	2P Beiden 9842 #24 awg	NS485	Door D10
45	SEC180	2P Beiden 9842 #24 awg	NS485	Door D12A
46	SEC181	2P Beiden 9842 #24 awg	NS485	Door D12A
47	SEC182	2P Beiden 9842 #24 awg	NS485	Door D12A
48	SEC183	2P Beiden 9842 #24 awg	NS485	Door D12A
49	SEC184	2P Beiden 9842 #24 awg	NS485	Door D12A
50	SEC185	2P Beiden 9842 #24 awg	NS485	Door D12A
51	SEC186	2P Beiden 9842 #24 awg	NS485	Door D12A
52	SEC187	2P Beiden 9842 #24 awg	NS485	Door D12A
53	SEC188	2P Beiden 9842 #24 awg	NS485	Door D12A
54	SEC189	2P Beiden 9842 #24 awg	NS485	Door D12A
55	SEC190	2P Beiden 9842 #24 awg	NS485	Door D12A
56	SEC191	2P Beiden 9842 #24 awg	NS485	Door D12A
57	SEC192	2P Beiden 9842 #24 awg	NS485	Door D12A
58	SEC193	2P Beiden 9842 #24 awg	NS485	Door D12A
59	SEC194	2P Beiden 9842 #24 awg	NS485	Door D12A
60	SEC195	2P Beiden 9842 #24 awg	NS485	Door D12A
61	SEC196	2P Beiden 9842 #24 awg	NS485	Door D12A
62	SEC197	2P Beiden 9842 #24 awg	NS485	Door D12A
63	SEC198	2P Beiden 9842 #24 awg	NS485	Door D12A
64	SEC199	2P Beiden 9842 #24 awg	NS485	Door D12A
65	SEC200	2P Beiden 9842 #24 awg	NS485	Door D12A
66	SEC201	2P Beiden 9842 #24 awg	NS485	Door D12A
67	SEC202	2P Beiden 9842 #24 awg	NS485	Door D12A

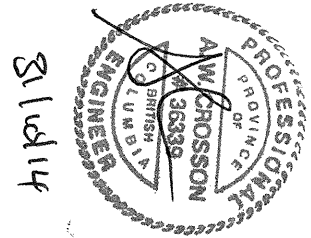
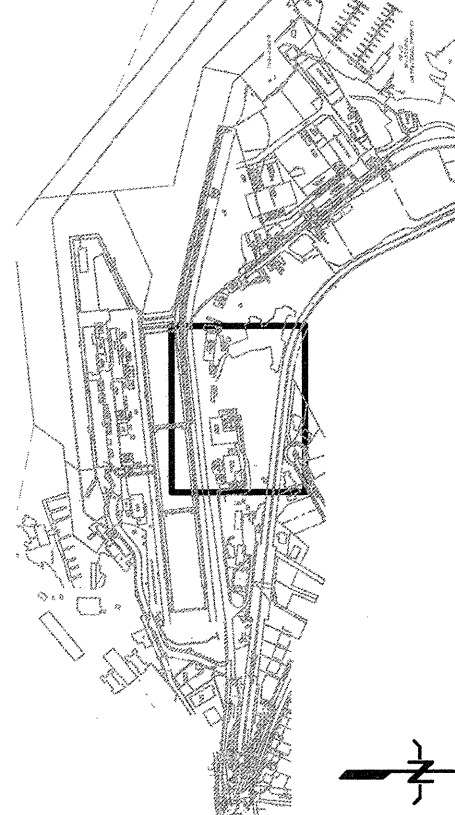
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2	SEC137	120V power	UPS-3B	PIB-3B
3	SEC138	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
4	SEC139	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
5	SEC140	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
6	SEC141	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
7	SEC142	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
8	SEC143	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
9	SEC144	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
10	SEC145	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
11	SEC146	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
12	SEC147	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
13	SEC148	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
14	SEC149	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
15	SEC150	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
16	SEC151	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
17	SEC152	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
18	SEC153	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
19	SEC154	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
20	SEC155	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
21	SEC156	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
22	SEC157	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
23	SEC158	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
24	SEC159	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
25	SEC160	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
26	SEC161	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
27	SEC162	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
28	SEC163	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
29	SEC164	2c Beiden 8760 #18 awg	2AV DC	PIB-3B
30	SEC165	2c Beiden 8760 #18 awg	2AV DC	PIB-3B



PWGSC OPERATIONS BUILDING
DOOR ACCESS DIAGRAM

KEYNOTES:
① KEY TRACKS LOCATION SHOWN FOR
INFORMATION ONLY. OWNER TO PROVIDE
TRACKS, CABINET AND ALL SYSTEMS
CONNECTIONS OUTSIDE THIS CONTRACT.

KEYPLAN:



5		
4		
3	ISSUED FOR TENDER	14/09/17
2	ISSUED FOR BOM REVIEW	14/02/14
1	RE-ISSUED FOR BOM REVIEW	13/12/18
0	ISSUED FOR BOM REVIEW	13/11/18
Revisions/ Revisions	Description/Description	Date/Date
Drawn/Drawn		

PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA

825 ADMIRALS ROAD
VICTORIA, BC

Project title/Titre du projet

ESQUIMALT GRAVING DOCK

CARD ACCESS
CONTROL SYSTEM

Consultant Signature Box Only

Designed by/Conçu par

J.M./A.C.

Drawn by/Dessiné par

P.P.

PWGSC Project Manager/Administrateur de projet TRSC

S. WINDL

Project Manager/Administrateur de projet TRSC

P. PAUL

Project Manager/Administrateur de projet TRSC

Drawing title/Titre du dessin

NS31

PWGSC OPERATIONS EAST ANNEX

CARD ACCESS ELECTRICAL LAYOUT

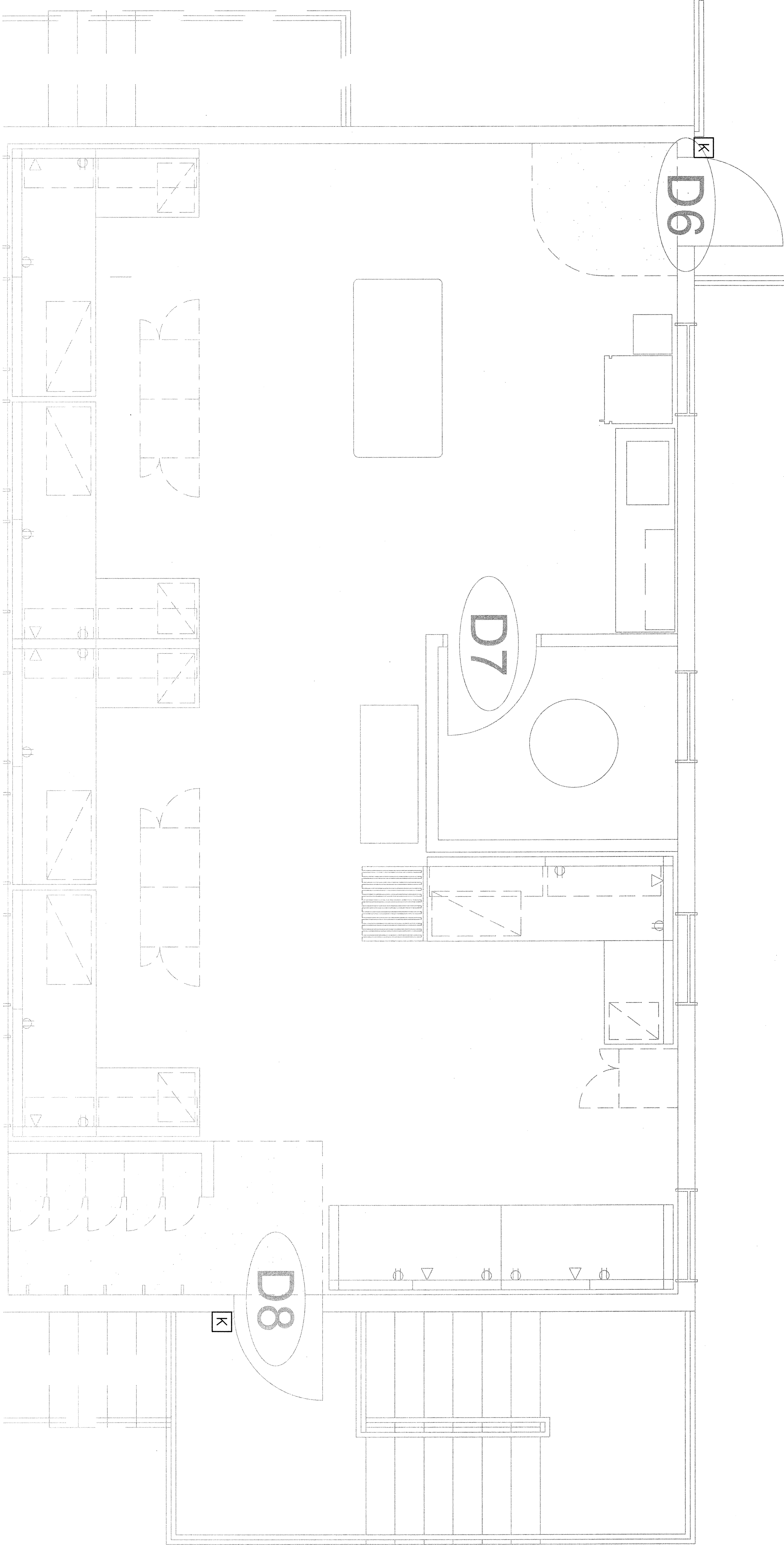
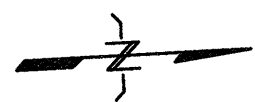
Project No./No. du projet

R/016116.113

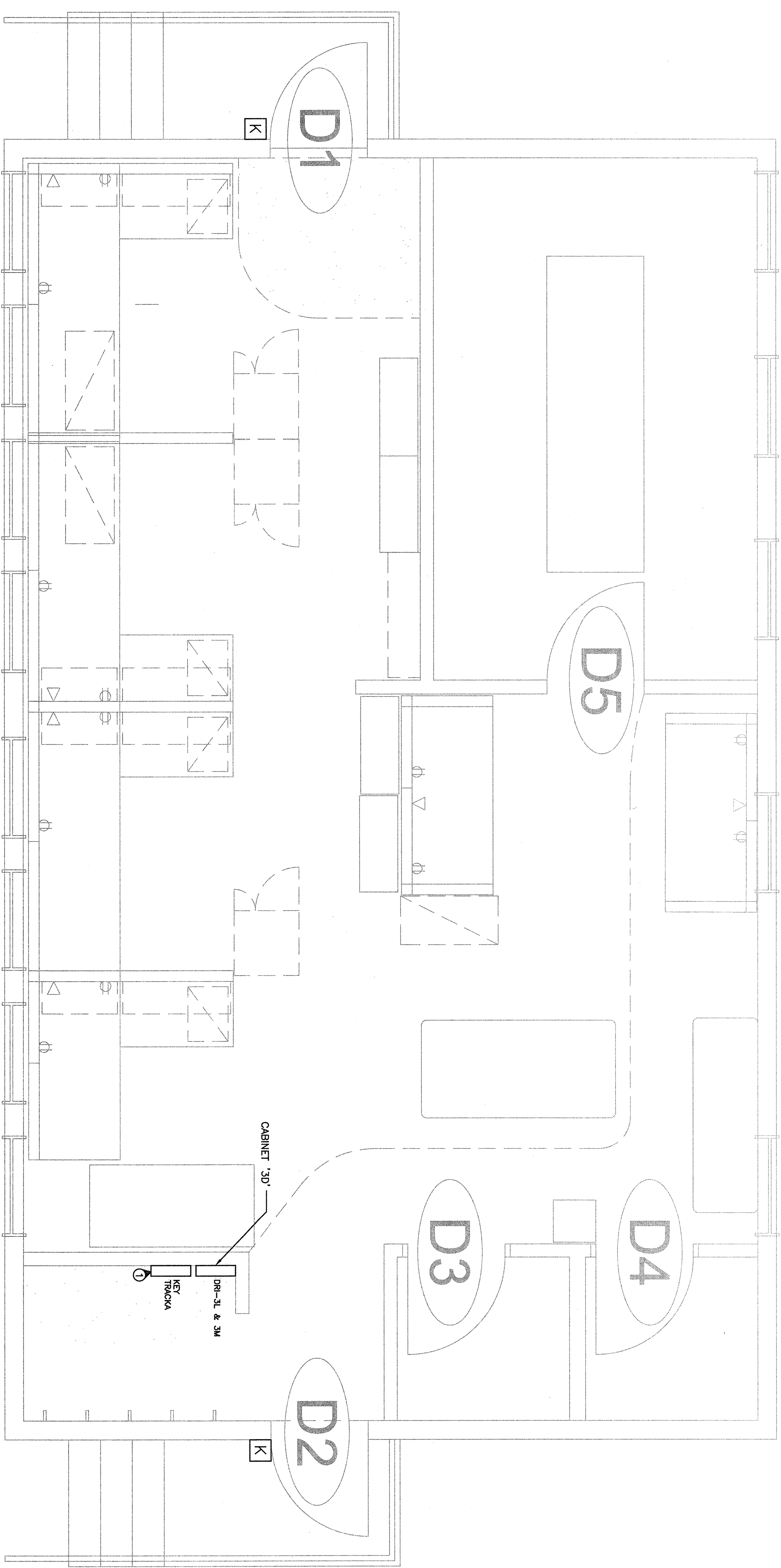
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Revision No./
Révision No.

3

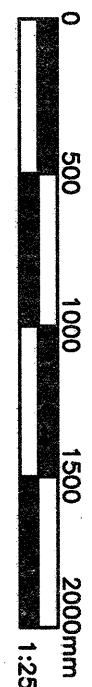


2 OPERATIONS EAST ANNEX
UPPER FLOOR LAYOUT
E102
SCALE 1:25



1 OPERATIONS EAST ANNEX
MAIN FLOOR LAYOUT
E102
SCALE 1:25

LEGEND	
SYMBOL	DESCRIPTION
ⓐ	COMMAND KEYPAD
ⓑ	COMBINATION CARD READER AND KEYPAD
ⓒ	ELECTRONIC LOCKSET
ⓓ	WIRELESS COMBINATION CARD READER KEYPAD
ⓔ	ELECTRONIC LOCKSET
ⓕ	PERMETER DOOR ALARM CONTACT
ⓖ	ELECTRONIC DOOR STRIKE
ⓗ	REQUEST TO EXIT MOTION SENSOR
ⓙ	MAGNETIC DOOR LOCK
ⓚ	CABINET/ENCLOSURE
ⓛ	MOTOR CONNECTION
ⓜ	JUNCTION BOX
ⓝ	SCHLAGE PIB300 (PANEL INTERFACE BOARD)
ⓞ	LENEL 2220 (INTELLIGENT SYSTEM CONTROLLER)
ⓟ	LENEL 1320 DUAL READER INTERFACE



31/01/14

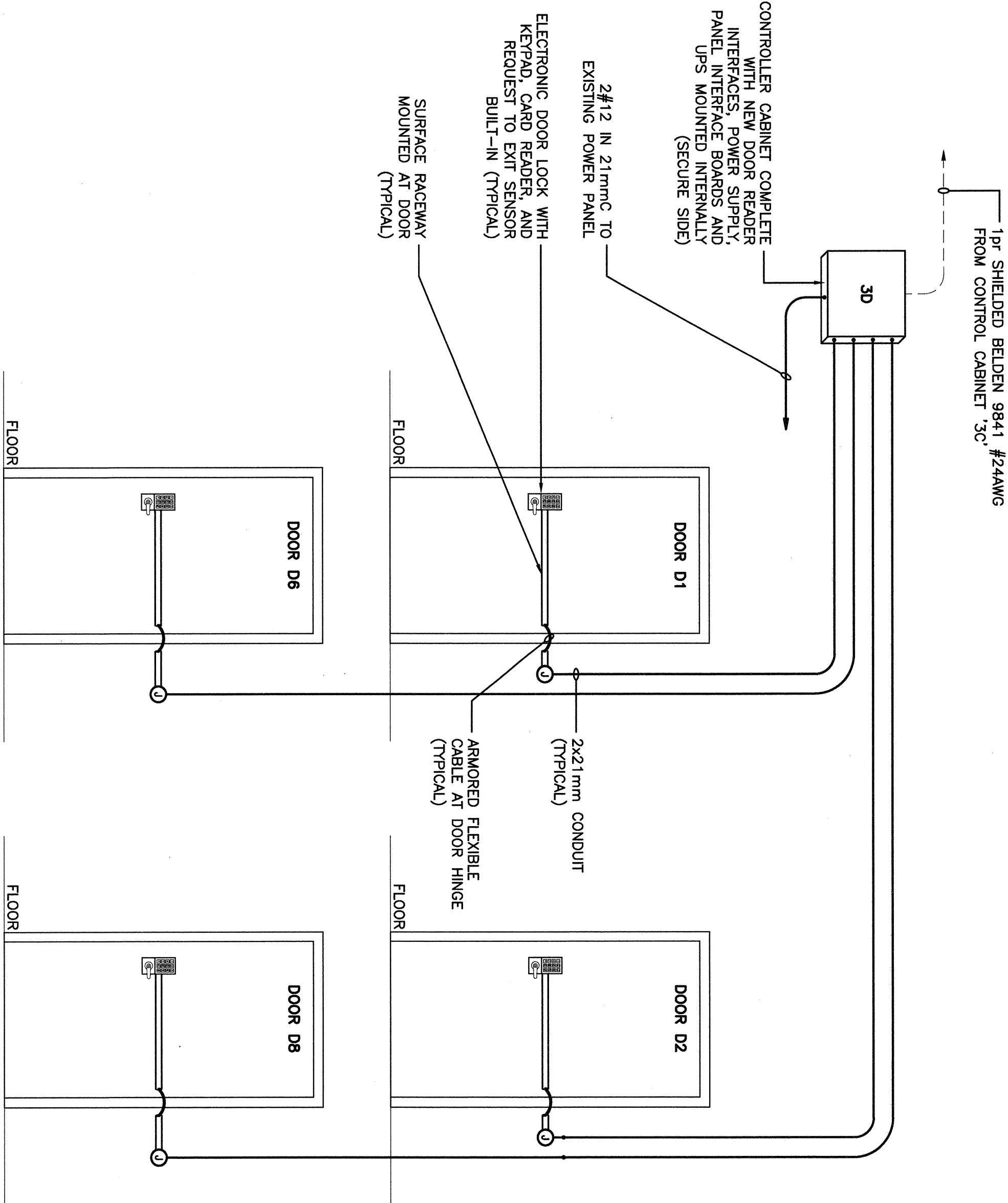
Client/Client Reference	Order Number	Description/Description	Date/Date
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3			14/02/14
2		ISSUED FOR BOM REVIEW	
1		RE-ISSUED FOR BOM REVIEW	13/12/18
0		ISSUED FOR BOM REVIEW	13/11/18

ESQUIMALT GRAVING DOCK
CARD ACCESS
CONTROL SYSTEM

Consistent Signature Box Only	Designed by/Concept par J.M. / A.C. Drawn by/Dessiné par P.P. P.WSC: Project Manager/Administrateur du Projet TRSC S. WINDL P.WSC: Regional Manager, Architectural and Engineering Services/ P.WSC: Responsable régional, Services d'architecture et de génie, TRSC P. PULU Drawing title/Titre du dessin
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**PWGSC OPERATIONS EAST ANNEX
CARD ACCESS AND
ELECTRICAL DETAILS**

Project No./No. du projet R.016116.113	Sheet/Feuille E231 OF 19	Revision no./ La Révision no. 3
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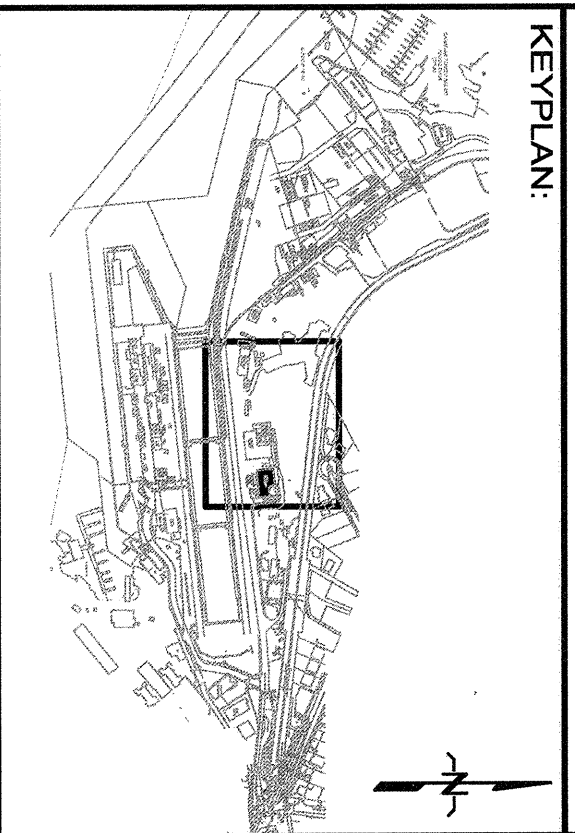


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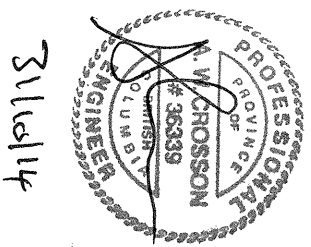
PWGSC OPERATIONS EAST ANNEX
DOOR ACCESS DETAILS
N.T.S.

		Winning			
Tag	Cable type	Cable usage	From	To	
112 SEC37	2Pn Beiden 9842 #24 avg	120V power	Panel XXXXXXX	UPS-3D	
113 SEC238	2c Beiden 8760 #18 avg	120V power	UPS-3D	PSU-3D	
114 SEC239	2c Beiden 8760 #18 avg	24V DC	PSU-3D	DRI-3L	
115 SEC240	2c Beiden 8760 #18 avg	24V DC	PSU-3D	DRI-3M	
116 SEC241	2c Beiden 8760 #18 avg	24V DC	PSU-3D	PB-3L	
117 SEC242	2c Beiden 8760 #18 avg	24V DC	PSU-3D	PB-3M	
118 SEC243	2c Beiden 8760 #18 avg	24V DC	PSU-3D	PB-3S	
119 SEC244	1Pn Beiden 9841 #24 avg	RS485	DRI-3L	DRI-3M	
120 SEC250	8c shielded Alpha 1239C #22 avg	Door D1 operation	DRI-3L	PB-3L	
121 SEC246	8c shielded Alpha 1239C #22 avg	Door D1 status / aux inputs	DRI-3L	PB-3L	
122 SEC247	8c shielded Alpha 1239C #22 avg	Door D2 operation	DRI-3L	PB-3L	
123 SEC248	8c shielded Alpha 1239C #22 avg	Door D2 status / aux inputs	DRI-3L	PB-3L	
124 SEC249	8c shielded Alpha 1239C #22 avg	Door D6 operation	DRI-3M	PB-3M	
125 SEC250	8c shielded Alpha 1239C #22 avg	Door D6 status / aux inputs	DRI-3M	PB-3M	
126 SEC251	8c shielded Alpha 1239C #22 avg	Door D6 operation	DRI-3M	PB-3M	
127 SEC252	8c shielded Alpha 1239C #22 avg	Door D8 status / aux inputs	PB-3L	PB-3M	
128 SEC253	2Pn Beiden 9842 #24 avg	RS485	PB-3L	Door D1	
129 SEC254	2Pn Beiden 9842 #24 avg	RS485	Door D1	Door D2	
130 SEC255	2Pn Beiden 9842 #24 avg	RS485	PB-3M	Door D6	
131 SEC256	2Pn Beiden 9842 #24 avg	RS485	Door D6	Door D8	
132 SEC257	2c Beiden 8760 #18 avg	24V DC	PB-1S	PB-16	
133 SEC258	2c Beiden 8760 #18 avg	24V DC	PB-1S	Door D1	
134 SEC259	2c Beiden 8760 #18 avg	24V DC	PB-16	Door D2	
135 SEC260	2c Beiden 8760 #18 avg	24V DC	PB-16	PB-17	
136 SEC261	2c Beiden 8760 #18 avg	24V DC	PB-17	Door D8	
137 SEC262	2c Beiden 8760 #18 avg	24V DC	PB-17	Door D6	

MS32 -
Operations
Building
(project)
3D



5		
4		
3	ISSUED FOR TENDER	14/06/17
2	ISSUED FOR BMR REVIEW	14/02/14
1	RE-ISSUED FOR BMR REVIEW	18/12/18
0	ISSUED FOR BMR REVIEW	13/11/18
Revised/Revisé	Description/Description	Date/Date
Drawn/Drawn		



PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA
825 ADMIRALS ROAD
VICTORIA, BC

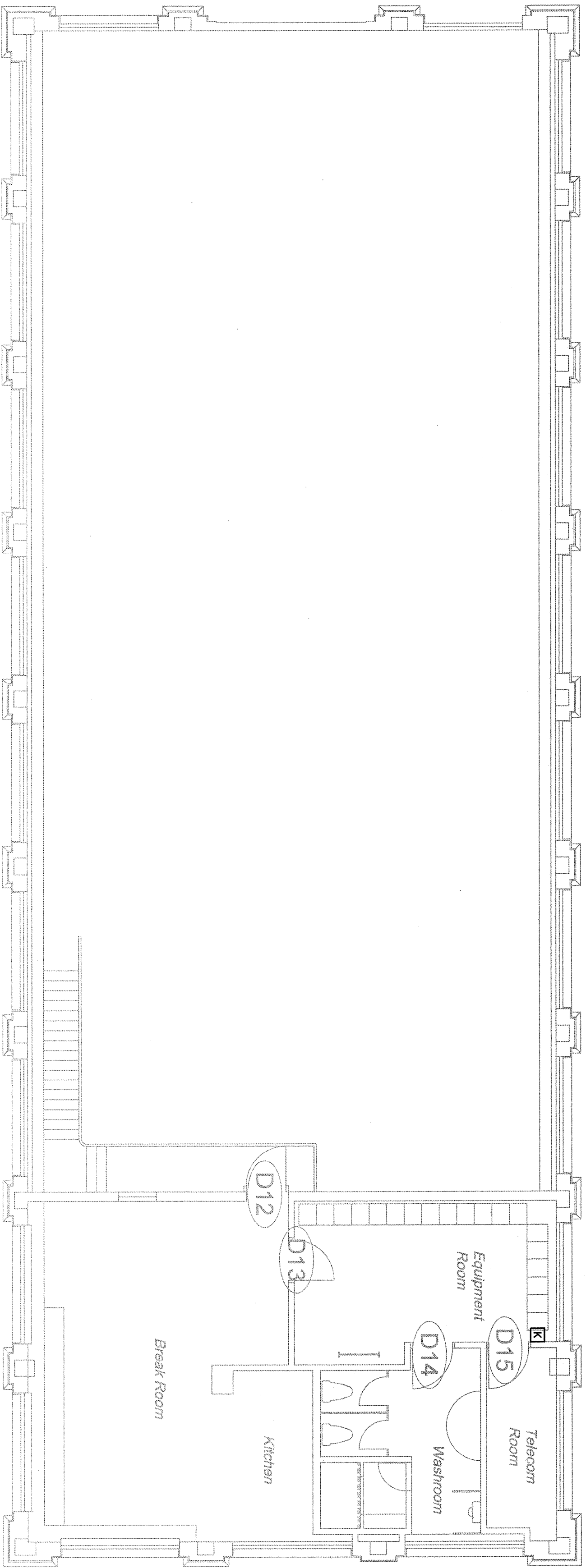
ESQUIMALT GRAVING DOCK
CARD ACCESS
CONTROL SYSTEM

Consultant Signature Box Only
Designed by/Conçu par
J.M. / A.C.
Drawn by/Dessiné par
P.P.
PMGSC Project Manager/Responsable de projet PMGSC
S. WINDL
PMGSC Regional Manager, Esquimalt and Port Alberni Services P. PALL
Drawing Title/Titre du dessin

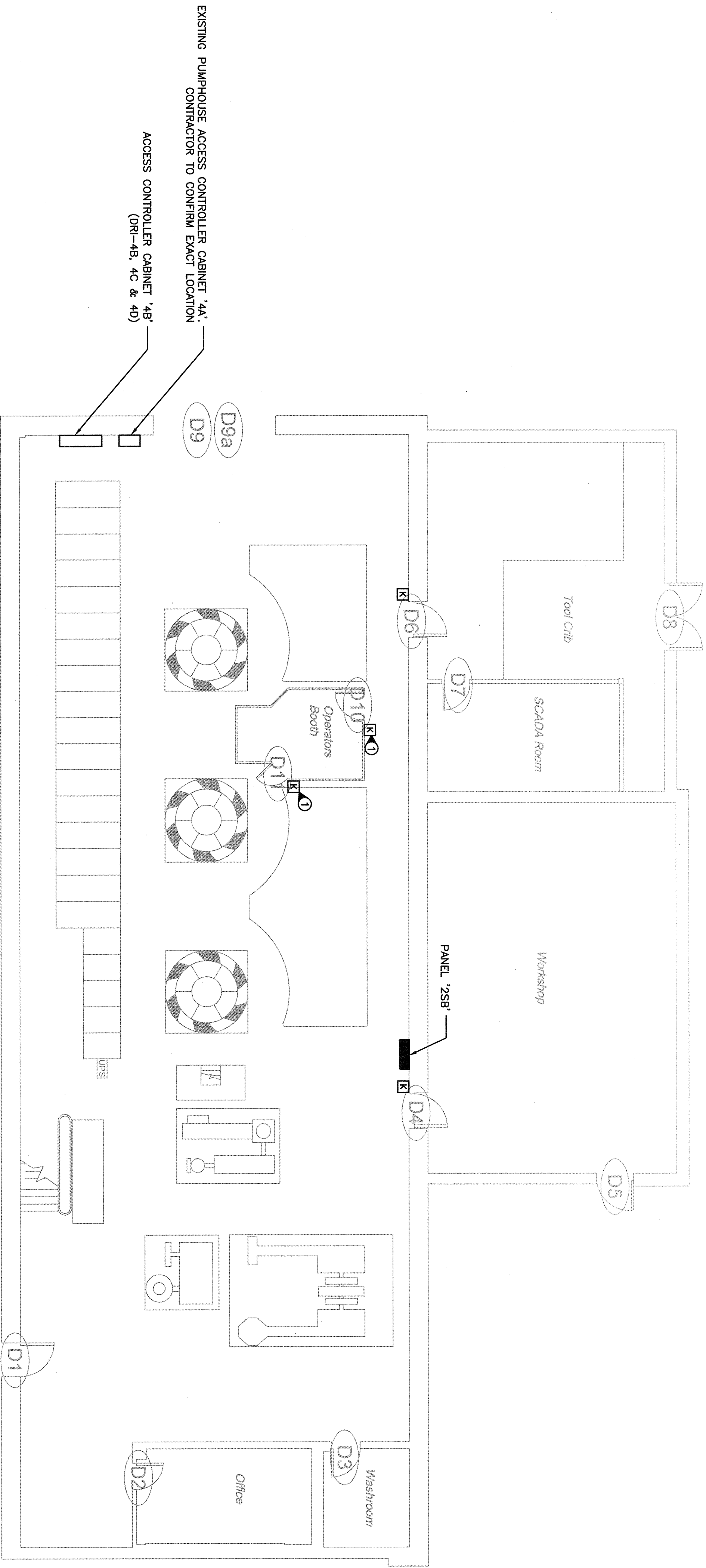
NS6
PMGSC PUMPHOUSE
CARD ACCESS ELECTRICAL LAYOUT

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision
R016116.113	E240 OF 19	3

KEYNOTES:
PROVIDE WIRELESS AD-400 SERIES LOCK.

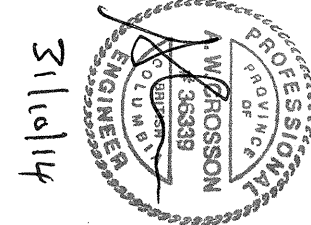
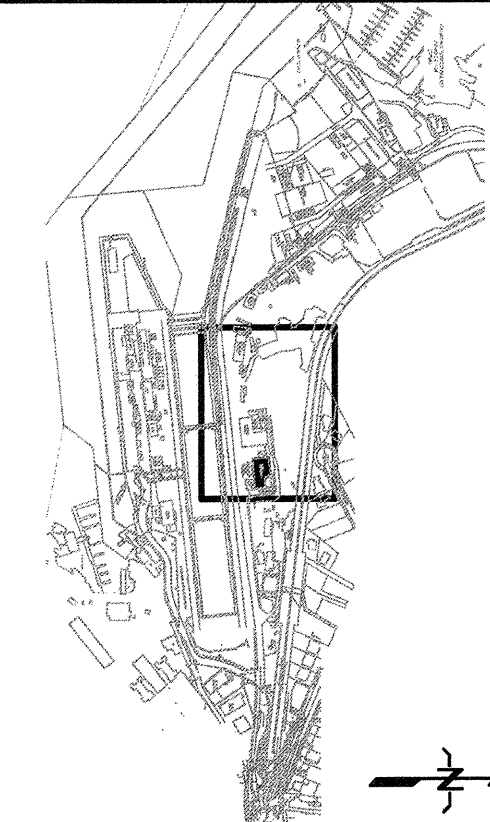


2
PUMPHOUSE
UPPER FLOOR LAYOUT
N.T.S.



1
PUMPHOUSE
MAIN FLOOR LAYOUT
N.T.S.

LEGEND	
SYMBOL	DESCRIPTION
[K]	COMMAND KEYPAD
[K]	COMBINATION CARD READER AND KEYPAD
[K]	ELECTRONIC LOCKSET
[K]	WIRELESS COMBINATION CARD READER KEYPAD
[K]	ELECTRONIC LOCKSET
[K]	PERIMETER DOOR ALARM CONTACT
[K]	ELECTRONIC DOOR STRIKE
[K]	REQUEST TO EXIT MOTION SENSOR
[K]	MAGNETIC DOOR LOCK
[K]	CABINET/ENCLOSURE
[K]	MOTOR CONNECTION
[K]	JUNCTION BOX
[K]	SCHLAGE PIB300 (PANEL INTERFACE BOARD)
[K]	LENEL 2220 (INTELLIGENT SYSTEM CONTROLLER)
[K]	LENEL 1320 DUAL READER INTERFACE



5		
4		
3	ISSUED FOR TENDERS	14/10/17
2	ISSUED FOR BOM REVIEW	14/02/14
1	RE-ISSUED FOR BOM REVIEW	13/12/18
0	ISSUED FOR BOM REVIEW	12/11/18
Revised/	Description/Description	Date/Date
Drawn/Drawn		

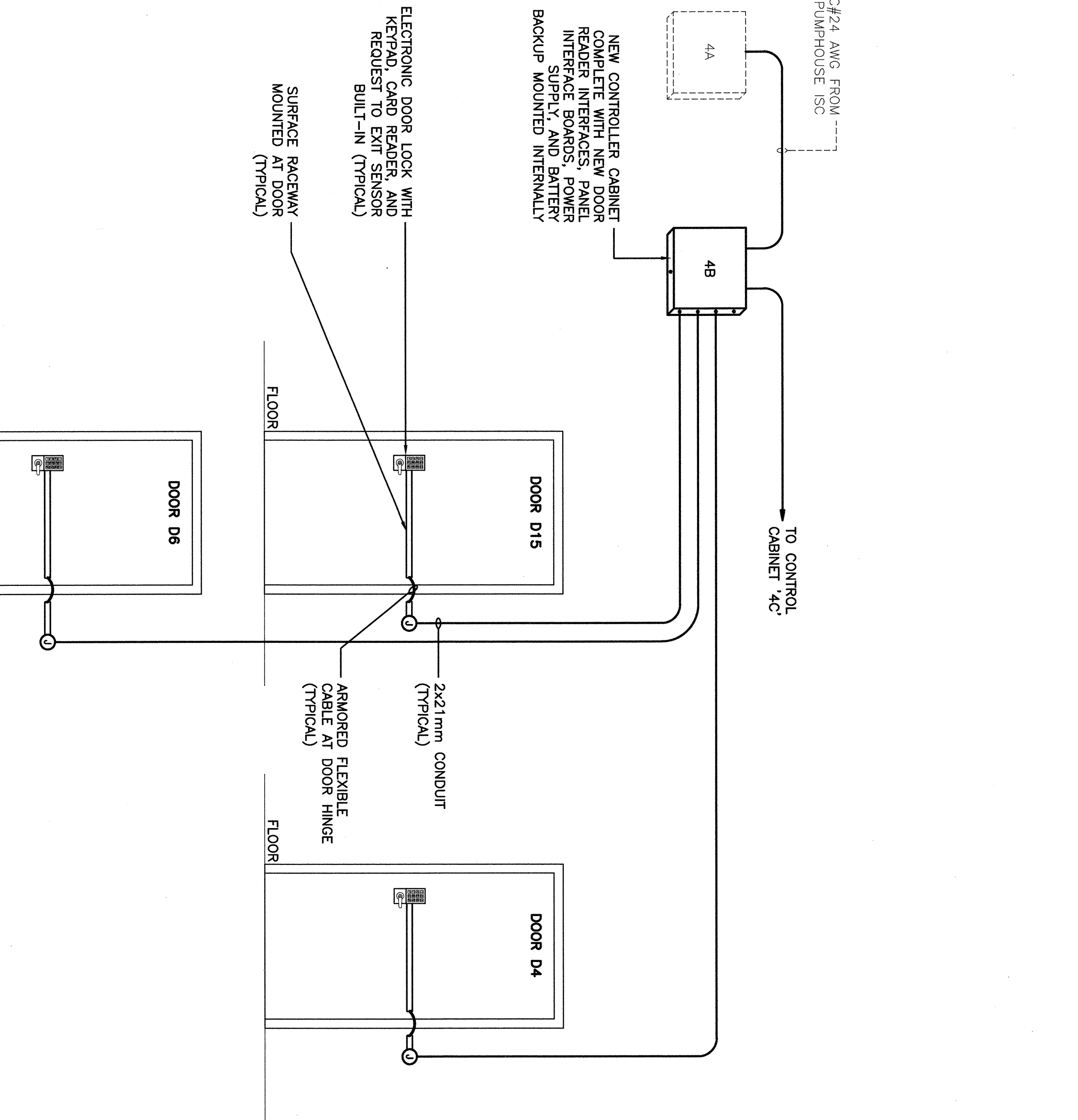
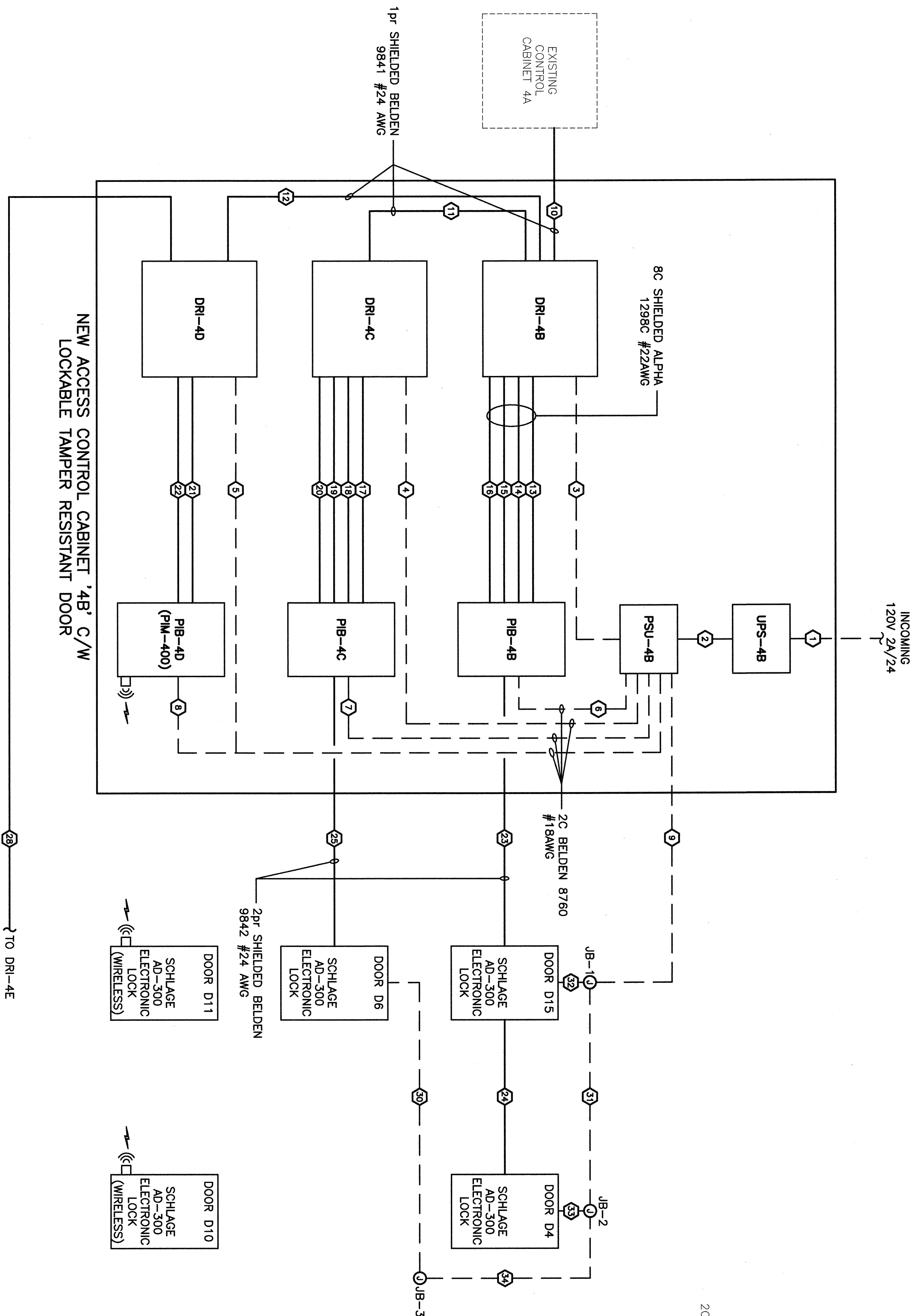
PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA
825 ADMIRAL'S ROAD
VICTORIA, BC

ESQUIMALT GRAVING DOCK
CARD ACCESS
CONTROL SYSTEM

Consultant Signature Box Only
Designed by/Conçu par
J.M./A.C.
Drawn by/ Dessiné par
P.P.
PWGSC Project Manager/Administrateur de projet TRSC
S. WINDL
Project Manager/ Administrateur et Ingénieur principal P. FALLU
Drawing Title/Titre du dessin

NS6
PWGSC PUMPHOUSE
CARD ACCESS AND
ELECTRICAL DETAILS

Project No./No. du projet	Sheet/Feuille	Revision No./ No. Révision
R016116.113	E241	3
	OF 19	

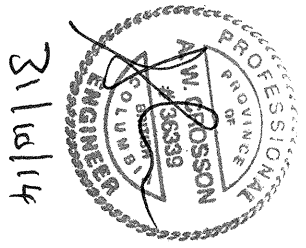
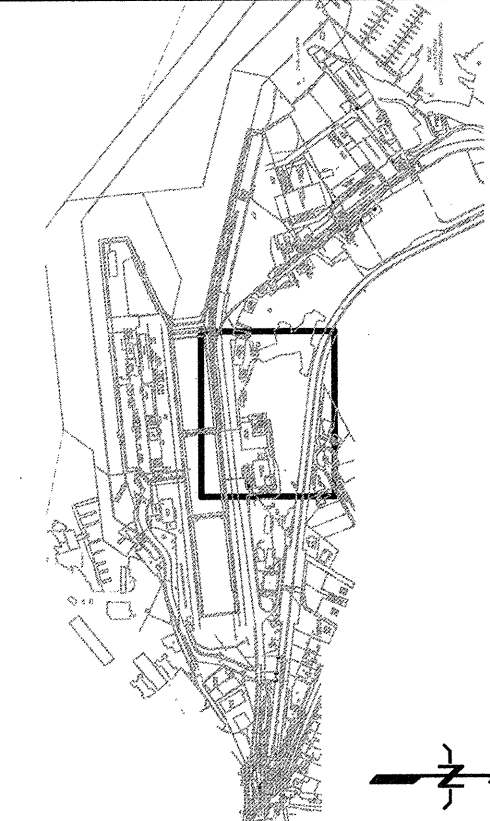


Tag	Cable type	Cable usage	From	To
1	SEC233	120V power	Panel XXXXXXXX	UPS-4B
2	SEC264	120V power	UPS-4B	PSU-4B
3	SEC265	24V DC	PSU-4B	DR-4B
4	SEC266	24V DC	PSU-4B	DR-4C
5	SEC267	24V DC	PSU-4B	DR-4D
6	SEC268	24V DC	PSU-4B	DL-4B
7	SEC269	24V DC	PSU-4B	DL-4C
8	SEC270	24V DC	PSU-4B	DL-4D
9	SEC271	24V DC	PSU-4B	DS-4B
10	SEC272	24V DC	PSU-4B	DS-4C
11	SEC273	24V DC	PSU-4B	DS-4D
12	SEC274	24V DC	PSU-4B	DR-4B
13	SEC275	24V DC	PSU-4B	DR-4C
14	SEC276	24V DC	PSU-4B	DR-4D
15	SEC277	24V DC	PSU-4B	DL-4B
16	SEC278	24V DC	PSU-4B	DL-4C
17	SEC279	24V DC	PSU-4B	DL-4D
18	SEC280	24V DC	PSU-4B	DS-4B
19	SEC281	24V DC	PSU-4B	DS-4C
20	SEC282	24V DC	PSU-4B	DS-4D
21	SEC283	24V DC	PSU-4B	DR-4B
22	SEC284	24V DC	PSU-4B	DR-4C
23	SEC285	24V DC	PSU-4B	DR-4D
24	SEC286	24V DC	PSU-4B	DL-4B
25	SEC287	24V DC	PSU-4B	DL-4C
26	SEC288	24V DC	PSU-4B	DL-4D
27	SEC289	24V DC	PSU-4B	DS-4B
28	SEC290	24V DC	PSU-4B	DS-4C
29	SEC291	24V DC	PSU-4B	DS-4D
30	SEC292	24V DC	PSU-4B	DR-4B
31	SEC293	24V DC	PSU-4B	DR-4C
32	SEC294	24V DC	PSU-4B	DR-4D
33	SEC295	24V DC	PSU-4B	DL-4B
34	SEC296	24V DC	PSU-4B	DL-4C

PWGSC PUMPHOUSE
DOOR ACCESS DIAGRAM

PWGSC PUMPHOUSE
DOOR ACCESS DETAILS

KEYPLAN:



5		
4		
3	ISSUED FOR TENDER	14/10/17
2	ISSUED FOR 30% REVIEW	14/02/14
1	RE-ISSUED FOR 50% REVIEW	13/12/18
0	ISSUED FOR 10% REVIEW	13/11/18
Revised/Revisé	Description/Description	Date/Date
Client/Client		

**PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA**

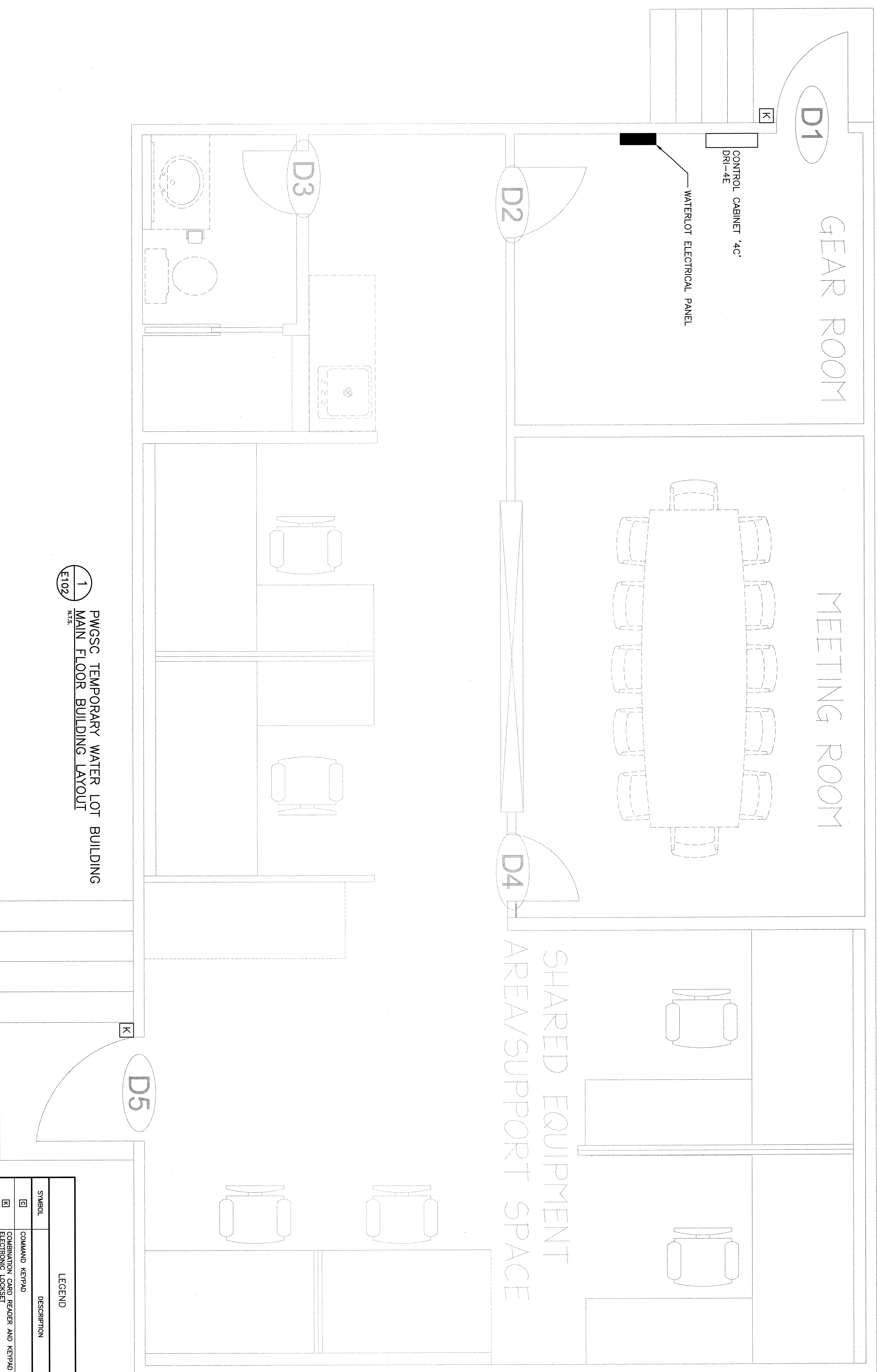
825 ADMIRALS ROAD
VICTORIA, BC

Project title/Titre du projet
**ESQUIMALT GRAVING DOCK
CARD ACCESS
CONTROL SYSTEM**
















Consistent Signature Box Only		
Designed by/Concepté par		
J.M. / A.C.		
Drawn by/Dessiné par		
P.P.		
PWSC Project Manager/Administrateur de Projets TPSC		
S. WINDL		
PWSC Regional Manager, Transportation and Engineering Services Gestionnaire régional, Services d'ingénierie et de génie, TPSC		
P. PAUL		
Drawing title/Titre du dessin		

**NS39
PWSC TEMPORARY WATER LOT
CARD ACCESS ELECTRICAL LAYOUT**

Project No./No. du projet	Sheet/Feuille	Revision No./ Numéro de révision
R.016116.113	E250	3
	OF 19	



**1
E102** PWSC TEMPORARY WATER LOT BUILDING
MAIN FLOOR BUILDING LAYOUT

LEGEND	
SYMBOL	DESCRIPTION
	COMMAND KEYPAD
	COMBINATION CARD READER AND KEYPAD
	ELECTRONIC LOCKSET
	WIRELESS COMBINATION CARD READER KEYPAD
	ELECTRONIC LOCKSET
	PERIMETER DOOR ALARM CONTACT
	ELECTRONIC DOOR STRIKE
	REQUEST TO EXIT MOTION SENSOR
	MAGNETIC DOOR LOCK
	CABINET/ENCLOSURE
	MOTOR CONNECTION
	JUNCTION BOX
	SCHLAGE PB300 (PANEL INTERFACE BOARD)
	LEVEL 2220 (INTELLIGENT SYSTEM CONTROLLER)
	LEVEL 1320 DUAL READER INTERFACE

Région de Pacifique



3116114

3110114

Item #	Item Name	Quantity	Unit	Unit Price	Total Price	Notes
1	ISSUED FOR TENDER	1				
2	ISSUED FOR TENDER	1				
3	ISSUED FOR TENDER	1				
4	ISSUED FOR TENDER	1				
5	ISSUED FOR TENDER	1				
6	ISSUED FOR TENDER	1				
7	ISSUED FOR TENDER	1				
8	ISSUED FOR TENDER	1				
9	ISSUED FOR TENDER	1				
10	ISSUED FOR TENDER	1				
11	ISSUED FOR TENDER	1				
12	ISSUED FOR TENDER	1				
13	ISSUED FOR TENDER	1				
14	ISSUED FOR TENDER	1				
15	ISSUED FOR TENDER	1				
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17	ISSUED FOR TENDER	1				
18	ISSUED FOR TENDER	1				
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23	ISSUED FOR TENDER	1				
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25	ISSUED FOR TENDER	1				
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27	ISSUED FOR TENDER	1				
28	ISSUED FOR TENDER	1				
29	ISSUED FOR TENDER	1				
30	ISSUED FOR TENDER	1				
31	ISSUED FOR TENDER	1				
32	ISSUED FOR TENDER	1				
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74	ISSUED FOR TENDER	1				
75	ISSUED FOR TENDER	1				
76	ISSUED FOR TENDER	1				

**PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA**

**825 ADMIRALS ROAD
VICTORIA, BC**

Project title/Titre du projet

ESQUIMALT GRAVING DOCK

CARD ACCESS CONTROL SYSTEM

Consultant Signature Box Only

Designed by/Concept pair
J.M. / A.C.

J.M. / A.C.

Drawn by/cessing par
P.P.

S. WINDL

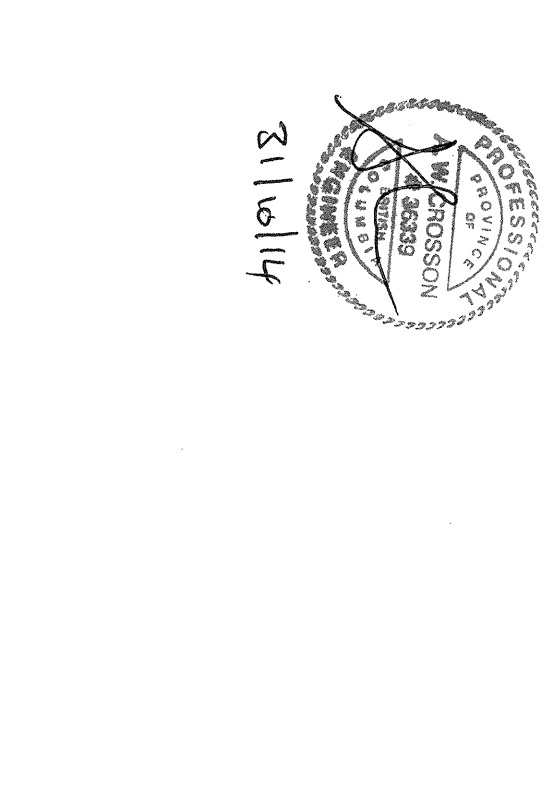
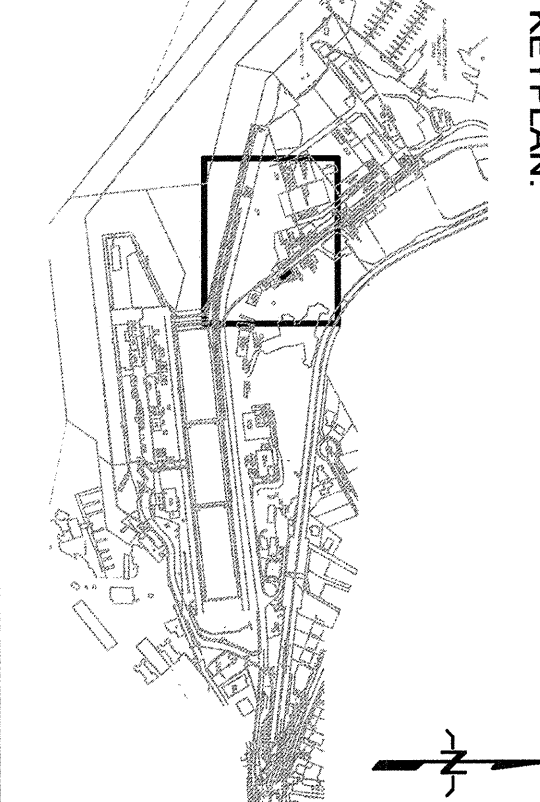
PGSC, Regional Manager, Architectural and Engineering Services/
Gestionnaire régionale, Services d'architecture et de génie, TPSCG

Drawing title/Titre du dessin

**NS39
PWGSC TEMPORARY WATER LOT
CARD ACCESS AND
ELECTRICAL DETAILS**

Project No./No. du projet

R.016116.113 E251

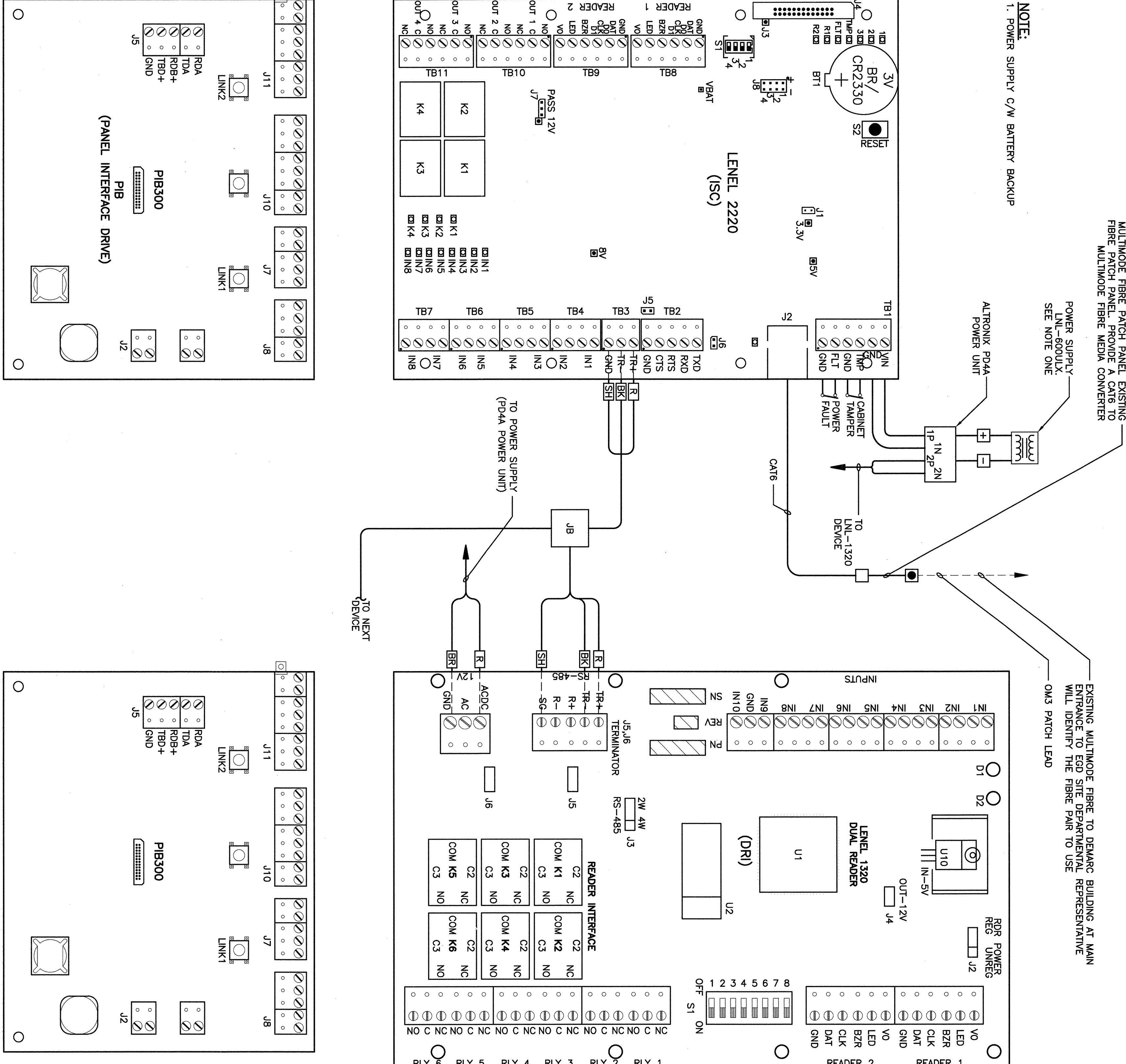
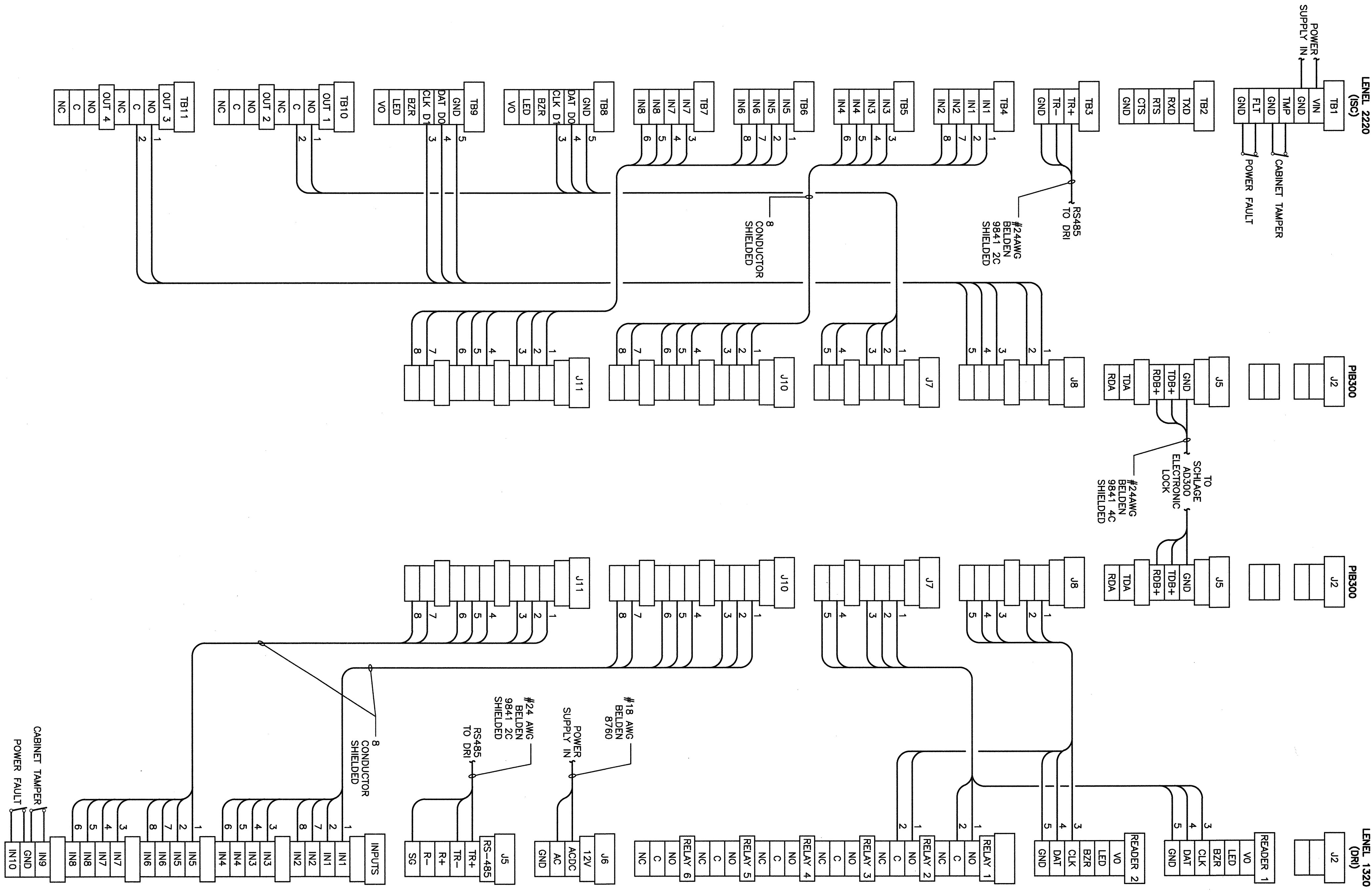


5		
4		
3	ISSUED FOR TENDER	14/06/17
2	ISSUED FOR BOM REVIEW	14/02/14
1	RE-ISSUED FOR BOM REVIEW	13/12/16
0	ISSUED FOR BOM REVIEW	13/11/16
Revised/	Revised/	Revised/
Drawn/	Drawn/	Drawn/

PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA
825 ADMIRALS ROAD
VICTORIA, BC

ESQUIMALT GRAVING DOCK
CARD ACCESS
CONTROL SYSTEM

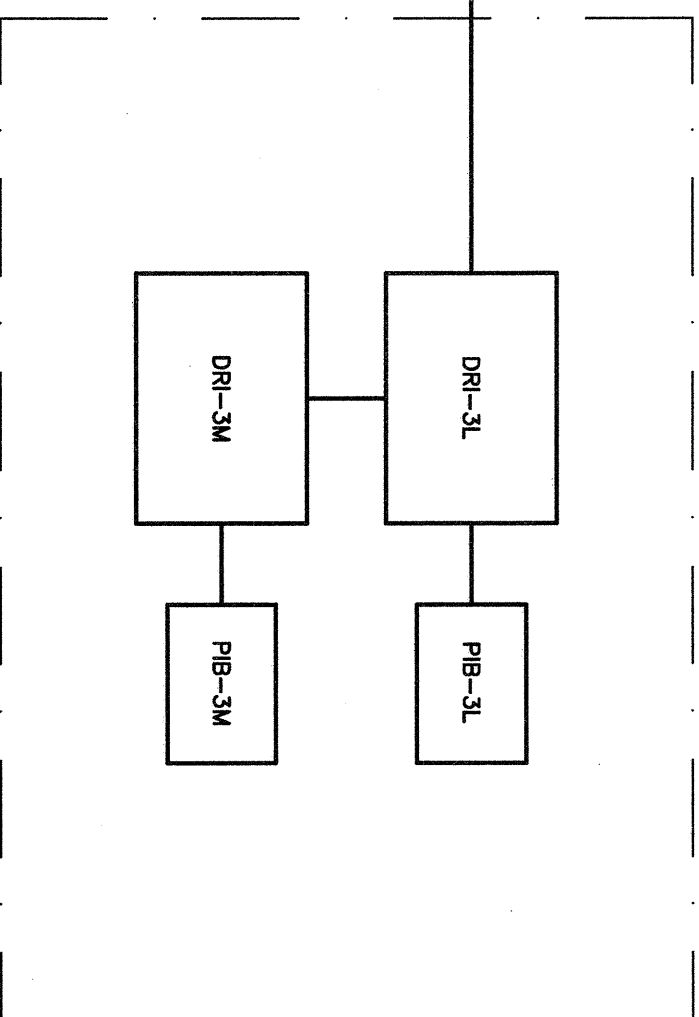
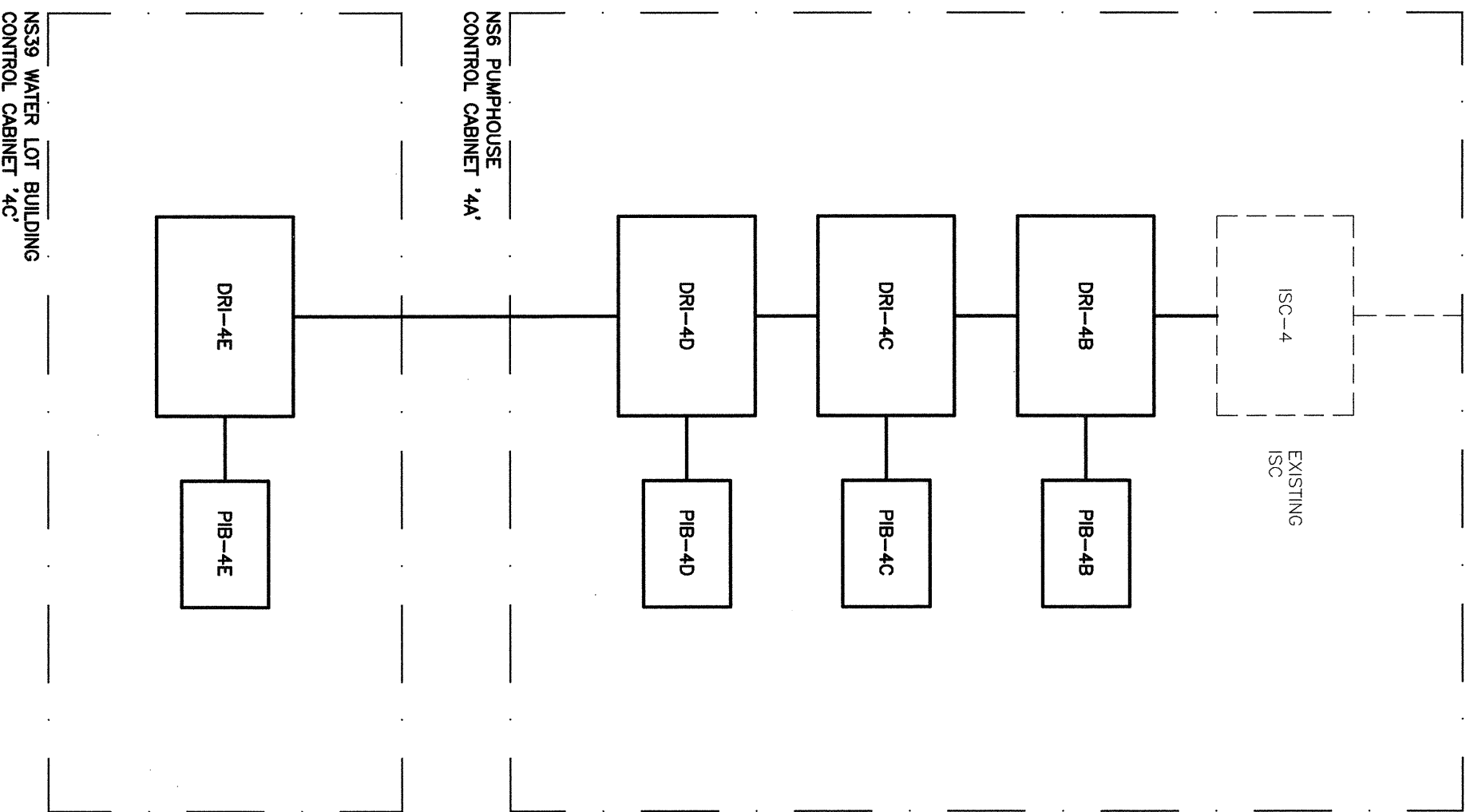
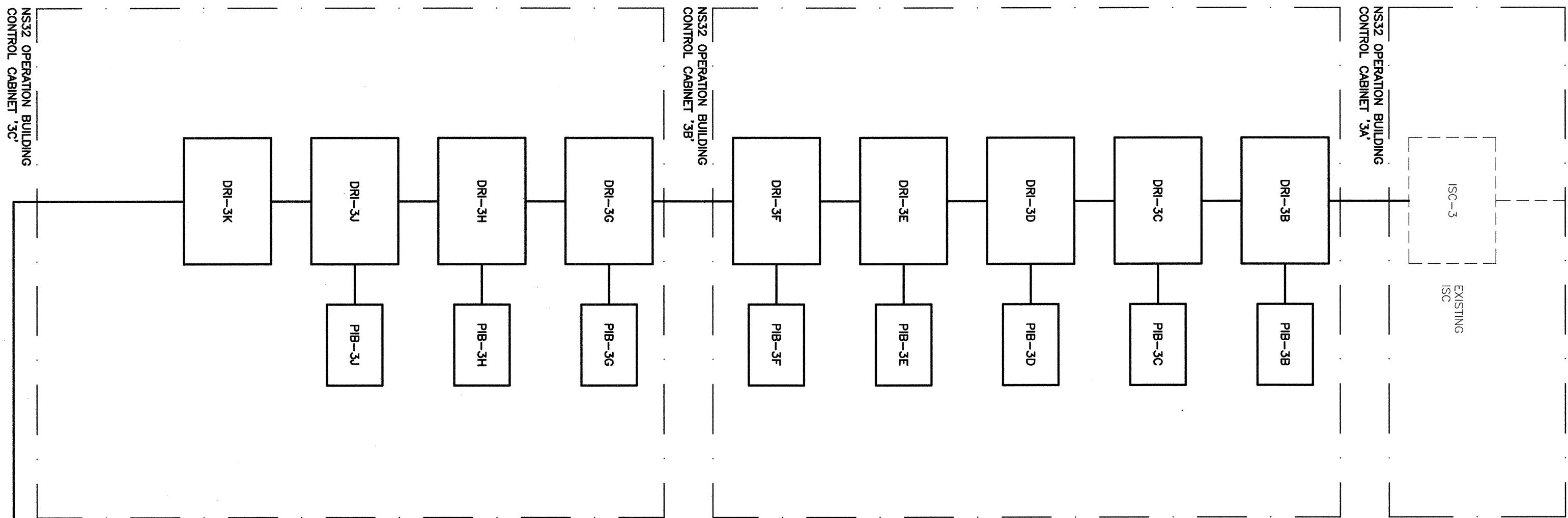
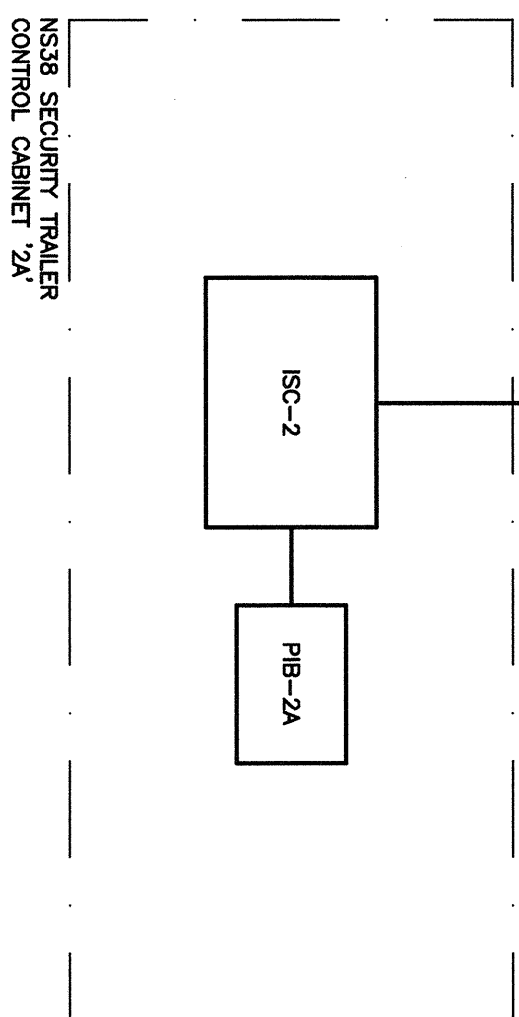
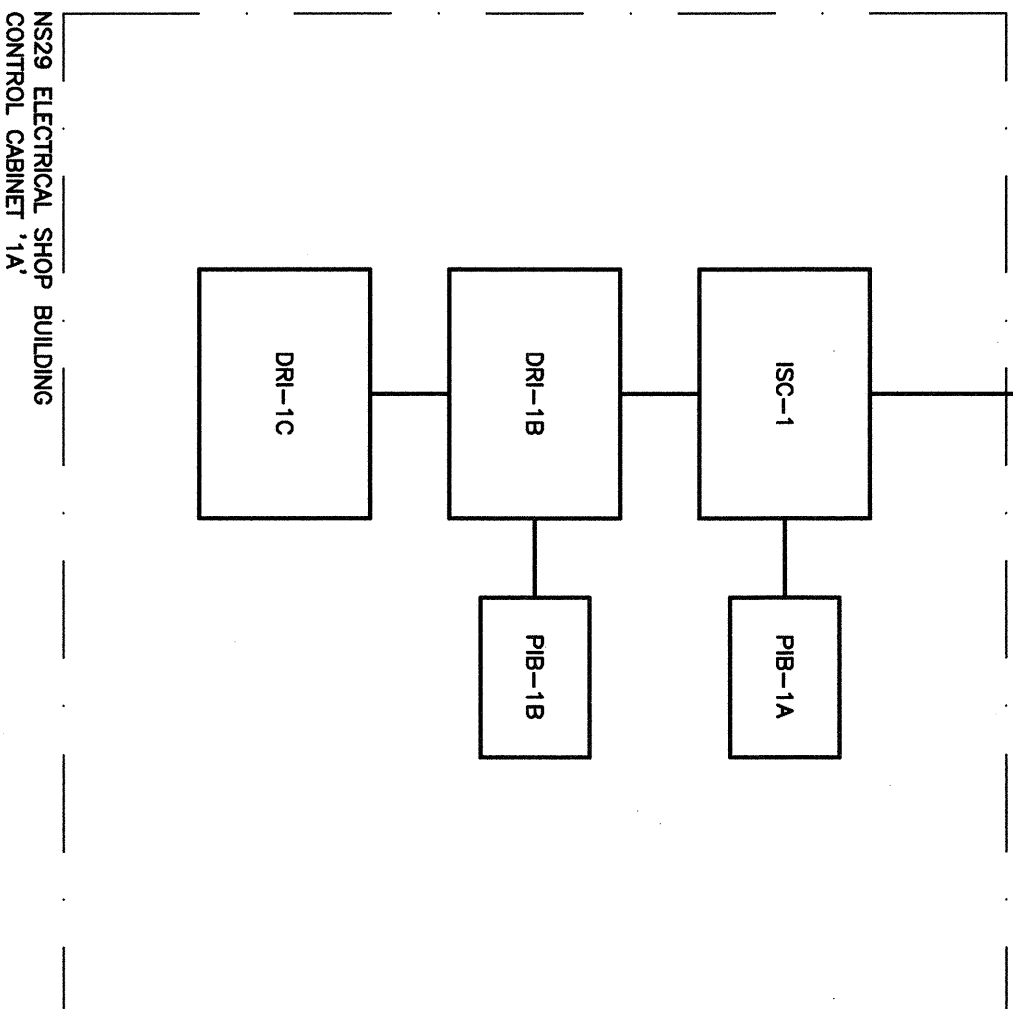
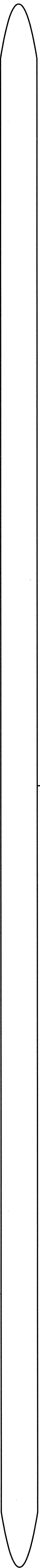
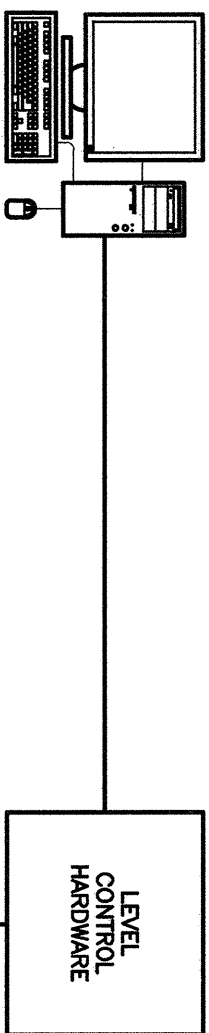
Consultant Signature Box Only
Designed by/Concept par
J.M./A.C.
Drawn by/Designé par
P.P.
PMSC Project Manager/Administrateur de Projets TRSC
S. WINDL
PMSC Regional Manager/Administrateur régional
P. FALL
Drawing Title/Titre du dessin
TYPICAL WIRING DETAILS



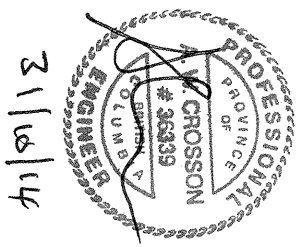
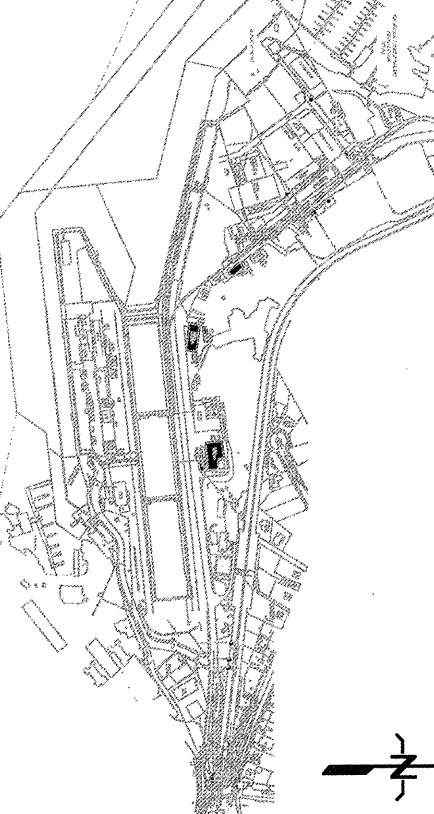
NOTE:
1. POWER SUPPLY C/W BATTERY BACKUP

MULTIMODE FIBRE PATCH PANEL EXISTING
FIBRE PATCH PANEL PROVIDING LINK TO
MULTIMODE FIBRE MEDIA CONVERTER
POWER SUPPLY
LNL-600ULX
SEE NOTE ONE

EXISTING MULTIMODE FIBRE TO DEMARC BUILDING AT MAIN
ENTRANCE TO ESD SITE. DEMARC BUILDING REPRESENTATIVE
WILL DEMARC THE FIBRE FROM TO USE
OM3 PATCH LEAD



KEYPLAN:



5		
4		
3	ISSUED FOR TENDER	14/10/17
2	ISSUED FOR BOM REVIEW	14/02/14
1	RE-ISSUED FOR BOM REVIEW	13/12/18
0	ISSUED FOR BOM REVIEW	13/11/18
Revision/Description	Drawn/Client	Date/Date

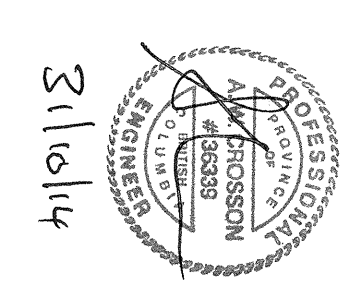
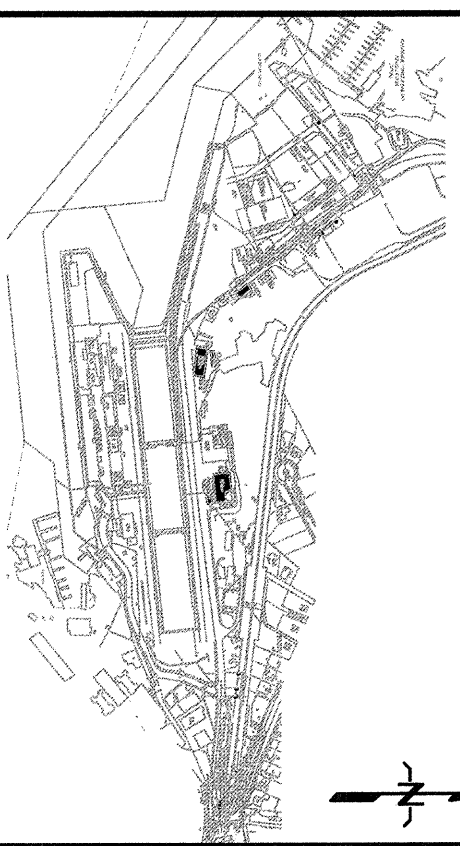
PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA
825 ADMIRALS ROAD
VICTORIA, BC

Project title/Titre du projet
ESQUIMALT GRAVING DOCK
CARD ACCESS
CONTROL SYSTEM

Consultant Signature Box Only
Designed by/Concept par J.M.I.A.C.
Drawn by/Dessiné par P.P.
PMSC Project Manager/Administrateur de projet TRSC S. WINDEL
Project Manager/Administrateur et Ingénieur d'ingénierie P. PAUL
Drawn/Title/Titre du dessin

CONNECTIONS FLOW DIAGRAM

Project No./No. du projet R.01616.113	Sheet/Feuille E301 OF 19	Revision No./ La Révision 3
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PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA
825 ADMIRALS ROAD
VICTORIA, BC

Rev.	Revised / Révisé	Description / Description	Date / Date
0		ISSUED FOR 50% REVIEW	12/17/18
1		RE-ISSUED FOR 50% REVIEW	12/17/18
2		ISSUED FOR 50% REVIEW	12/17/18
3		ISSUED FOR TENDER	11/10/17
4			
5			

ESQUIMAULT GRAVING DOCK
CARD ACCESS
CONTROL SYSTEM

Consent Signature Box Only	
Designed by/Conçu par J.M./A.C.	
Drawn by/Dessiné par P.P.	
PMSC Project Manager/Administrateur de projet S. WINDL	
PROJECT: Equipment, Installation and Engineering Services P. PALLI - Regional Services Administration of the public, PMSC	
Drawing title/Titre du dessin ACCESS CONTROL MATRIX	

Building Number	Building Name	Door Description	Door Number ID (EGD)	Door Classification: CA=Restricted Asset SZ=Secure Zone	Door In Contact	Camera Mounting Required	Door Type: Single Double Overhead	Door Type: Wood Metal Other	Crash Bar	Electronic Door Hardware Required	Door Device Info	PIB-Panel Interface Device	DR=Dual Reader Interface SR=Single Reader Interface (Level 120)	ISC=Intelligent System Controller (Level 220)
NS5	Pumphouse Drawing: E240	First Floor South Pumphouse Perimeter Door	NS5 D1	CA			Single	Solid Wood	No	No		PIB-4B	DR-4B	ISC-4 (Existing)
		First Floor Office	NS5 D2	SZ			Single		No	No				
		First Floor Washroom	NS5 D3	SZ			Single		No	No				
		First Floor Pumphouse/Machine Shop	NS5 D4	R	Y		Single	Metal	Yes	Yes	Schlage AD-300	PIB-4B	DR-4B	ISC-4 (Existing)
		First Floor East Pumphouse Shop Perimeter Door	NS5 D5	CA			Single		Yes	Yes	Schlage AD-300	PIB-4C	DR-4C	ISC-4 (Existing)
		First Floor Hydraulic Room	NS5 D6	R	Y		Single	Metal	No	No		PIB-4C	DR-4C	ISC-4 (Existing)
		First Floor South Room	NS5 D7	SZ			Single		No	No				
		First Floor Overhead door 1	NS5 D8	CA			Double		Yes	Yes				
		First Floor Overhead door 2	NS5 D9	CA					Yes	Yes				
		First Floor North Operation Booth	NS5 D10	R	Y		Single	Solid Wood	Yes	Yes	Schlage AD-400	PIB-4D	DR-4D	ISC-4 (Existing)
NS29	Electrical Shop/Office Drawing: E200	First Floor East Operation Booth	NS5 D11	R	Y		Single	Solid Wood	No	No		PIB-4D	DR-4D	ISC-4 (Existing)
		Second Floor Lunch Room	NS5 D12	SZ			Single		No	No				
		Second Floor Lobby Room	NS5 D13	SZ			Single		No	No				
		Second Floor Wash Room	NS5 D14	SZ			Single		No	No				
		Second Floor Electrical Comm Room	NS5 D15	R	Y		Single	Solid Wood	No	Yes	Schlage AD-300	PIB-4B	DR-4B	ISC-4 (Existing)
		Second Floor Electrical Comm Room	NS5 D16	SZ			Single	Road Hatch	No	Yes	Schlage AD-300	PIB-4B	DR-4B	ISC-4 (Existing)
		First Floor South Perimeter Door	NS29 D1	R	Y		Single	Metal	No	Yes	Schlage AD-300	PIB-1B	DR-1B	ISC-1
		First Floor Electrical Comm Room	NS29 D2	R	Y		Single		No	Yes	Schlage AD-300	PIB-1B	DR-1B	ISC-1
		First Floor Drawing Storage Room	NS29 D2A	R	Y		Single		Yes	Yes	Schlage AD-300	PIB-1A	ISC-1	ISC-1
		First Floor East Room	NS29 D3	SZ			Single	Wood*	No	No				
NS31	EGD Operations Annex Drawing: E230	First Floor West Perimeter Overhead Door	NS29 D4	SZ/CONTACTS	Y		Overhead	Other	No	No		PIB-1A	DR-1C	ISC-1
		First Floor West Perimeter Man Door	NS29 D5	R	Y		Single	Metal w/ window	No	Yes	Schlage AD-300	PIB-1A	ISC-1	ISC-1
		Second Floor Office Door	NS29 D6	SZ			Single	Metal	No	No				
		First Floor West Perimeter Door Lower	NS31 D1	R	Y		Single	Metal	Yes	Yes	Schlage AD-300	PIB-3L	DR-3L	ISC-3 (Existing)
		First Floor East Perimeter Door Main	NS31 D2	R	Y		Single	Metal	No	Yes	Schlage AD-300	PIB-3L	DR-3L	ISC-3 (Existing)
		First Floor Washroom	NS31 D3	SZ			Single		No	No				
		First Floor Washroom	NS31 D4	SZ			Single		No	No				
		First Floor Meeting Room	NS31 D5	SZ			Single		No	No				
		Second Floor North Perimeter Door	NS31 D6	R	Y		Single	Metal	No	Yes	Schlage AD-300	PIB-3M	DR-3M	ISC-3 (Existing)
		Second Floor Meeting Room	NS31 D7	SZ			Single		No	No		PIB-3M	DR-3M	ISC-3 (Existing)
NS32	Operations Building Drawing: E220	Second Floor East Perimeter Door	NS31 D8	R	Y		Single	Metal	No	Yes	Schlage AD-300	PIB-3M	DR-3M	ISC-3 (Existing)
		First Floor East Vestibule Perimeter Door (RM3)	NS32 D1	R	Y		Single	Metal w/ window	Yes	Yes	Schlage AD-300	PIB-3G	DR-3G	ISC-3 (Existing)
		First Floor Wash Room (RM4)	NS32 D2	SZ			Single		No	No				
		First Floor Locker Room (RM4)	NS32 D3	SZ			Single		No	No				
		First Floor Junction Room (RM4)	NS32 D4	SZ			Single		No	No				
		First Floor Electrical Room (RM4)	NS32 D5	R	Y		Single		Yes	Yes	Schlage AD-300	PIB-3G	DR-3G	ISC-3 (Existing)
		First Floor Lunch Room (RM5)	NS32 D6	R	Y		Single	Metal w/ window	No	Yes	Schlage AD-300	PIB-3D	DR-3D	ISC-3 (Existing)
		First Floor South Vestibule Perimeter Door (RM7)	NS32 D7	SZ			Single	Metal w/ window	No	No				
		First Floor South Vestibule Interior Door (RM7)	NS32 D7A	SZ			Single	Metal w/ window	No	No				
		First Floor South Vestibule Double Perimeter Door (RM8)	NS32 D8	R	Y		Single	Metal w/ window	Yes	Yes	Schlage AD-300	PIB-3B	DR-3B	ISC-3 (Existing)
NS33	Operations Building Drawing: E220	First Floor Library (RM6)	NS32 D9	R	Y		Double	Metal w/ window	No	Yes	Schlage AD-300	PIB-3C	DR-3C	ISC-3 (Existing)
		First Floor Library (RM6)	NS32 D10	R	Y		Single	Wood*	No	Yes	Schlage AD-300	PIB-3C	DR-3C	ISC-3 (Existing)
		First Floor To/Com Room (RM8A)	NS32 D10A	R	Y		Single	Metal	No	Yes	Schlage AD-300	PIB-3D	DR-3D	ISC-3 (Existing)
		First Floor Lab Room (RM8B)	NS32 D10B	R	Y		Single	Metal**	No	Yes	Schlage AD-300	PIB-3A (Existing)	ISC-3 (Existing)	
		First Floor Lower Storage Room (RM8C)	NS32 D10C	SZ			Single		No	No				
		First Floor Lab & RM10C	NS32 D11	SZ			Single	Metal w/ window	No	No				
		First Floor South Overhead Door (RM10)	NS32 D12	SZ/CONTACTS	Y		Overhead	Other	N/A	No	No			
		First Floor Tool Crib (RM 10A)	NS32 D12A	R	Y		Double	Metal, ducted floor	Yes	Yes	Schlage AD-300	PIB-3E	DR-3E	ISC-3 (Existing)
		First Floor South Perimeter Door Workshop(RM10)	NS32 D13	R	Y		Single	Metal	Yes	Yes	Schlage AD-300	PIB-3E	DR-3E	ISC-3 (Existing)
		First Floor RM10E & RM11E	NS32 D13A	SZ			Single	Metal	No	No				
NS34	Operations Building Drawing: E220	First Floor South Overhead Door (RM11)	NS32 D15	SZ/CONTACTS	Y		Overhead	Other	N/A	No				
		First Floor South Overhead Door (RM11)	NS32 D15A	R	Y		Single	Metal w/ window	Yes	Yes	Schlage AD-300	PIB-3F	DR-3F	ISC-3 (Existing)
		First Floor West Perimeter Storage Room Door (RM11)	NS32 D16	R	Y		Single	Metal w/ window	No	Yes	Schlage AD-300	PIB-3B	DR-3B	ISC-3 (Existing)
		Second Floor W/ Lab Room Door (RM12)	NS32 D17	SZ			Single		No	No				
		Second Floor W/ Lab Room Door (RM12)	NS32 D18	SZ			Single		No	No				
		Second Floor General Office (RM15)	NS32 D19	CA	Y		Single	Metal w/ window	No	Yes	Schlage AD-300	PIB-3H	DR-3H	ISC-3 (Existing)
		Second Floor Office (RM17)	NS32 D20	SZ			Single	Metal	No	No				
		Second Floor Office (RM17)	NS32 D21	SZ			Single	Metal w/ window	No	No				
		Second Floor Office (RM18)	NS32 D22	SZ			Single		No	No				
		Second Floor Office (RM18)	NS32 D22A	SZ			Single		No	No				
NS35	Pumphouse Drawing: E240	Second Floor Conference Room (RM22)	NS32 D23	R	Y		Single	Metal	No	Yes	Schlage AD-300	PIB-3H	DR-3H	ISC-3 (Existing)
		Second Floor Storage Room (RM21)	NS32 D24	SZ			Single		No	No				
		Second Floor North Perimeter Corridor Door	NS32 D26	R	Y		Single	Metal w/ window	No	Yes	Schlage AD-300	PIB-3I	DR-3I	ISC-3 (Existing)
		Second Floor Corridor Door	NS32 D27	R	Y		Single	Metal w/ window	No	Yes	Schlage AD-300	PIB-3I	DR-3I	ISC-3 (Existing)
		Second Floor West Perimeter Corridor Door	NS32 D28	R	Y		Single	Metal	No	Yes	Schlage AD-300	PIB-3F	DR-3F	ISC-3 (Existing)
		South/West Perimeter Door (Office)	NS38 D1	R	Y		Single	Metal	No	Yes	Schlage AD-300	PIB-3A	ISC-2	ISC-2 (Existing)
		South/West Perimeter Door (Lab Room)	NS38 D2	SZ			Single	Metal	No	No				
		West Gear Room perimeter Door	NS39 D1	R	Y		Single	Other	No	Yes	Schlage AD-300	PIB-4E	DR-4E	ISC-4 (Existing)
		Gear Room Door	NS39 D2				Single		No	No				
		Washing Room	NS39 D3				Single		No	No				
NS39	Water lot Building Drawing: E250	South Perimeter Door	NS39 D5	R	Y		Single	Other	No	Yes	Schlage AD-300	PIB-4E	DR-4E	ISC-4 (Existing)
		Washing Room	NS39 D4				Single		No	No				
		Washing Room	NS39 D4A				Single		No	No				
		Washing Room	NS39 D4B				Single		No	No				
		Washing Room	NS39 D4C				Single		No	No				
		Washing Room	NS39 D4D				Single		No	No				
		Washing Room	NS39 D4E				Single		No	No				
		Washing Room	NS39 D4F				Single		No	No				
		Washing Room	NS39 D4G				Single		No	No				
		Washing Room	NS39 D4H				Single		No	No				