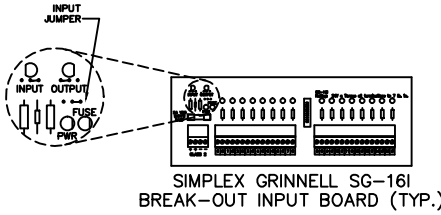
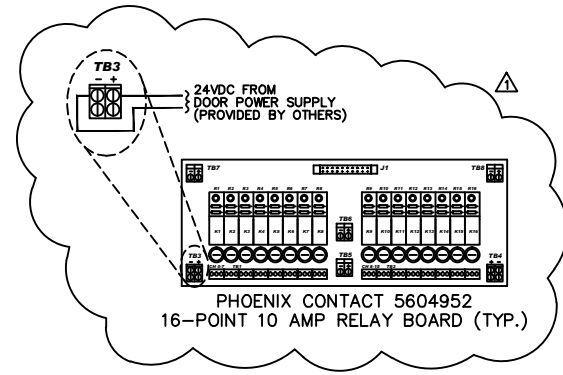


EQUIPMENT CABINET 1



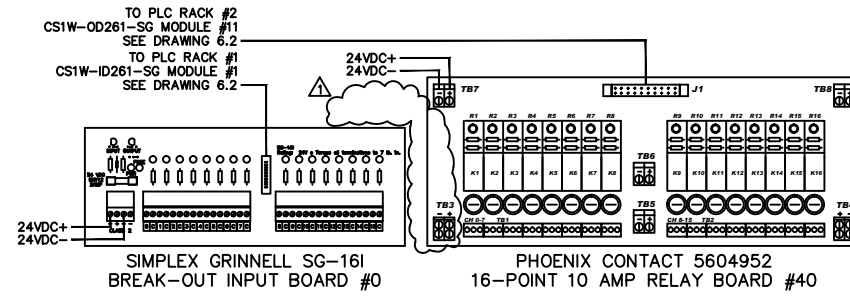
SIMPLEX GRINNELL SG-161 BREAK-OUT INPUT BOARD (TYP.)



PHOENIX CONTACT 5604952 16-POINT 10 AMP RELAY BOARD (TYP.)

GENERAL NOTES:

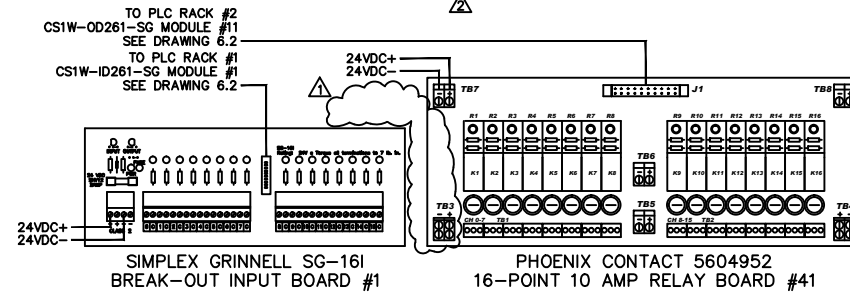
- SEE DRAWING 6.3 FOR CABINET CABLE ROUTING.
- SEE DRAWING 7.4 FOR DETAILS OF EACH LOCK TYPE, KEYSWITCH, AND REX.



SIMPLEX GRINNELL SG-161 BREAK-OUT INPUT BOARD #0 PHOENIX CONTACT 5604952 16-POINT 10 AMP RELAY BOARD #40

UNITS A & B

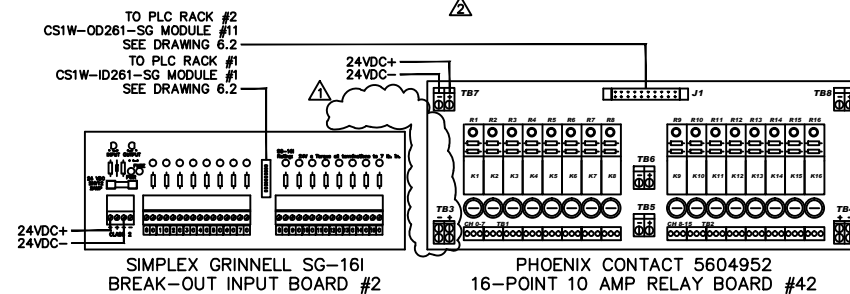
DOOR NUMBER	SG-161 BOARD #0		5604952 BOARD #40	
	PIN	I/O	PIN	I/O
A101	0C	0.00	R1	40.00
A102	1C	0.01	R2	40.01
A103	2C	0.02	R3	40.02
A104	3C	0.03	R4	40.03
A105	4C	0.04	R5	40.04
A106	5C	0.05	R6	40.05
A107	6C	0.06	R7	40.06
A108	7C	0.07	R8	40.07
A109	8C	0.08	R9	40.08
A110	9C	0.09	R10	40.09
A111	10C	0.10	R11	40.10
A112	11C	0.11	R12	40.11
B101	12C	0.12	R13	40.12
B102	13C	0.13	R14	40.13
B103	14C	0.14	R15	40.14
B104	15C	0.15	R16	40.15



SIMPLEX GRINNELL SG-161 BREAK-OUT INPUT BOARD #1 PHOENIX CONTACT 5604952 16-POINT 10 AMP RELAY BOARD #41

UNITS A & B

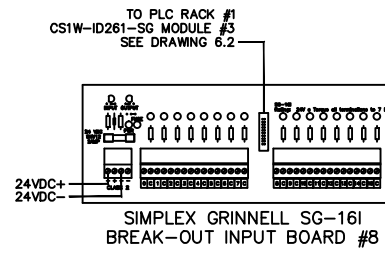
DOOR NUMBER	SG-161 BOARD #1		5604952 BOARD #41	
	PIN	I/O	PIN	I/O
B106	0C	1.00	R1	41.00
B107	1C	1.01	R2	41.01
B108	2C	1.02	R3	41.02
B109	3C	1.03	R4	41.03
B110	4C	1.04	R5	41.04
B111	5C	1.05	R6	41.05
B112	6C	1.06	R7	41.06
C101	7C	1.07	R8	41.07
C102	8C	1.08	R9	41.08
C103	9C	1.09	R10	41.09
C104	10C	1.10	R11	41.10
C105	11C	1.11	R12	41.11
C106	12C	1.12	R13	41.12
C107	13C	1.13	R14	41.13
C108	14C	1.14	R15	41.14
C109	15C	1.15	R16	41.15



SIMPLEX GRINNELL SG-161 BREAK-OUT INPUT BOARD #2 PHOENIX CONTACT 5604952 16-POINT 10 AMP RELAY BOARD #42

UNITS A & B

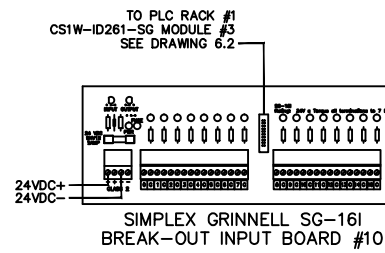
DOOR NUMBER	SG-161 BOARD #2		5604952 BOARD #42	
	PIN	I/O	PIN	I/O
C109	0C	2.00	R1	42.00
C110	1C	2.01	R2	42.01
C111	2C	2.02	R3	42.02
C112	3C	2.03	R4	42.03
D101	4C	2.04	R5	42.04
D102	5C	2.05	R6	42.05
D103	6C	2.06	R7	42.06
D104	7C	2.07	R8	42.07
D105	8C	2.08	R9	42.08
D106	9C	2.09	R10	42.09
D107	10C	2.10	R11	42.10
D108	11C	2.11	R12	42.11
D109	12C	2.12	R13	42.12
D110	13C	2.13	R14	42.13
D111	14C	2.14	R15	42.14
D112	15C	2.15	R16	42.15



SIMPLEX GRINNELL SG-161 BREAK-OUT INPUT BOARD #8

UNITS A & B

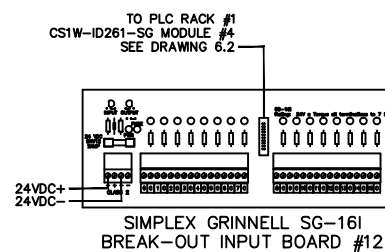
DOOR NUMBER	SG-161 BOARD #8	
	PIN	I/O
A109 KEYSW	0C	8.00
A109 REX	1C	8.01
A102 KEYSW	2C	8.02
A102 REX	3C	8.03
A103 KEYSW	4C	8.04
A103 REX	5C	8.05
A104 KEYSW	6C	8.06
A104 REX	7C	8.07
A105 KEYSW	8C	8.08
A105 REX	9C	8.09
A106 KEYSW	10C	8.10
A106 REX	11C	8.11
A107 KEYSW	12C	8.12
A107 REX	13C	8.13
A108 KEYSW	14C	8.14
A108 REX	15C	8.15



SIMPLEX GRINNELL SG-161 BREAK-OUT INPUT BOARD #10

UNITS A & B

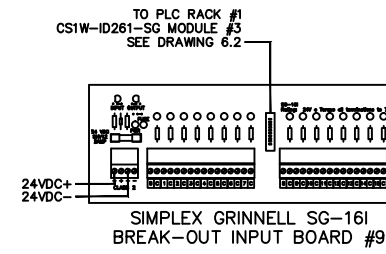
DOOR NUMBER	SG-161 BOARD #10	
	PIN	I/O
B105 KEYSW	0C	10.00
B105 REX	1C	10.01
B106 KEYSW	2C	10.02
B106 REX	3C	10.03
B107 KEYSW	4C	10.04
B107 REX	5C	10.05
B108 KEYSW	6C	10.06
B108 REX	7C	10.07
B109 KEYSW	8C	10.08
B109 REX	9C	10.09
B110 KEYSW	10C	10.10
B110 REX	11C	10.11
B111 KEYSW	12C	10.12
B111 REX	13C	10.13
B112 KEYSW	14C	10.14
B112 REX	15C	10.15



SIMPLEX GRINNELL SG-161 BREAK-OUT INPUT BOARD #12

UNITS A & B

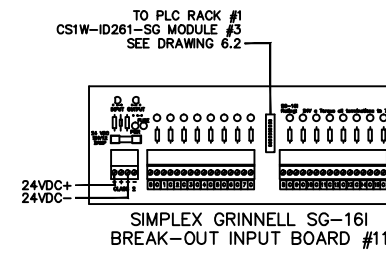
DOOR NUMBER	SG-161 BOARD #12	
	PIN	I/O
C109 KEYSW	0C	12.00
C109 REX	1C	12.01
C110 KEYSW	2C	12.02
C110 REX	3C	12.03
C111 KEYSW	4C	12.04
C111 REX	5C	12.05
C112 KEYSW	6C	12.06
C112 REX	7C	12.07
D101 KEYSW	8C	12.08
D101 REX	9C	12.09
D102 KEYSW	10C	12.10
D102 REX	11C	12.11
D103 KEYSW	12C	12.12
D103 REX	13C	12.13
D104 KEYSW	14C	12.14
D104 REX	15C	12.15



SIMPLEX GRINNELL SG-161 BREAK-OUT INPUT BOARD #9

UNITS A & B

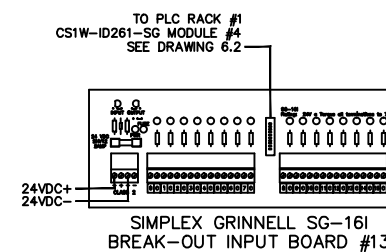
DOOR NUMBER	SG-161 BOARD #9	
	PIN	I/O
A109 KEYSW	0C	9.00
A109 REX	1C	9.01
A110 KEYSW	2C	9.02
A110 REX	3C	9.03
A111 KEYSW	4C	9.04
A111 REX	5C	9.05
A112 KEYSW	6C	9.06
A112 REX	7C	9.07
B101 KEYSW	8C	9.08
B101 REX	9C	9.09
B102 KEYSW	10C	9.10
B102 REX	11C	9.11
B103 KEYSW	12C	9.12
B103 REX	13C	9.13
B104 KEYSW	14C	9.14
B104 REX	15C	9.15



SIMPLEX GRINNELL SG-161 BREAK-OUT INPUT BOARD #11

UNITS A & B

DOOR NUMBER	SG-161 BOARD #11	
	PIN	I/O
C101 KEYSW	0C	11.00
C101 REX	1C	11.01
C102 KEYSW	2C	11.02
C102 REX	3C	11.03
C103 KEYSW	4C	11.04
C103 REX	5C	11.05
C104 KEYSW	6C	11.06
C104 REX	7C	11.07
C105 KEYSW	8C	11.08
C105 REX	9C	11.09
C106 KEYSW	10C	11.10
C106 REX	11C	11.11
C107 KEYSW	12C	11.12
C107 REX	13C	11.13
C108 KEYSW	14C	11.14
C108 REX	15C	11.15



SIMPLEX GRINNELL SG-161 BREAK-OUT INPUT BOARD #13

UNITS A & B

DOOR NUMBER	SG-161 BOARD #13	
	PIN	I/O
D105 KEYSW	0C	13.00
D105 REX	1C	13.01
D106 KEYSW	2C	13.02
D106 REX	3C	13.03
D107 KEYSW	4C	13.04
D107 REX	5C	13.05
D108 KEYSW	6C	13.06
D108 REX	7C	13.07
D109 KEYSW	8C	13.08
D109 REX	9C	13.09
D110 KEYSW	10C	13.10
D110 REX	11C	13.11
D111 KEYSW	12C	13.12
D111 REX	13C	13.13
D112 KEYSW	14C	13.14
D112 REX	15C	13.15

Fire & Security / SimplexGrinnell

tyco

600 WINDMILL ROAD
DARTMOUTH, NS B3B 1B5
(902) 468-9100

LOCKING CONTROL HEADEND TERMINATIONS
UNITS A & B

SPRINGHILL INSTITUTION REDEVELOPMENT PHASE II
SPRINGHILL, NOVA SCOTIA

NO.	DATE	REVISION DESCRIPTION
1	6/21/06	REVISED PER MISC CHANGES, RETURNED SUBMITTAL & RFTS
2	1/17/07	ASBUILT REVISIONS

DRAWN BY: KP DATE: 2/10/06

DESIGNED BY: CH DATE: 2/10/06

APPROVED BY: CH DATE: 2/10/06

PROJECT NUMBER:

SHEET TITLE: LOCKING CONTROL HEADEND TERMINATIONS

SHEET NUMBER: 7.1