

Comment

8-10-18 revised with counters etc, cosmo only
10-9-20 redwlded, slowed flasher down and reset counters to zero, not sure when counters added
maybe 8-10-18, but counters read ndrcnt 1753, sdr cnt 12004, exfancnt 12015, exfanhrs 402hr 39min, fanswon 12,
fanswtmr 1, nremcnt 273, sremcnt 22721, all back to zero,
3-23-22 counts read ndr cnt 3191, sdr cnt 24570, exfancnt 24595, exfanhrs 832 h 38min, fansw on 33, fn tmrsw 4, nremcnt
1482, sremcnt 45963, redownloaded all counts to zero, installed on dity IP address
5-2-22 added red light in dayroom, redwnlded, counters read ndr cnt 3208, sdr cnt 24715, exfancnt 24740, exfanhrs
837h29m, fansw on 33, fn tmrsw 4, nremcnt 1492, sremcnt 46236, all counts to zero

Creator:	John Ledbetter	Denver Fire Lineshop	Project:	Station 20 doors	Customer:	Denver Fire Department
Checked:	5-2-22		Installation:	Door Project	Diagram No.:	3
Date:	2/18/16 7:10 AM/5/2/22 9:12 AM		File:	Sta 20 drs 3-31-22.lsc	Page:	1 / 19

Module Address

IP Address 10.126.164.245
Subnet Mask: 255.255.255.240
Default gateway 10.126.164.241

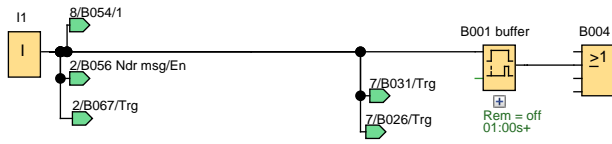
Creator:	John Ledbetter	Denver Fire Lineshop	Project:	Station 20 doors	Customer:	Denver Fire Department
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Station 20 Doors 5-2-22 type FS-03 verified Wind LGC 6.2 version 8

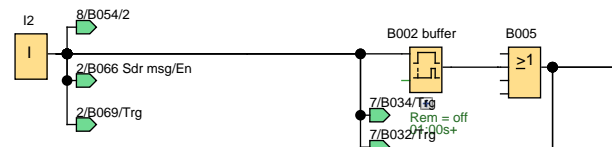
City IP address
10.126.164.245
255.255.255.240
10.126.164.241

I1-NORTH DOOR

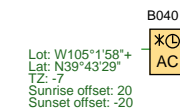
App. bay lights section



I2-SOUTH DOOR

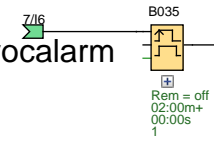


Astro clock

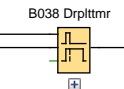


Q1-APPARATUS BAY LIGHTS

From vocalarm



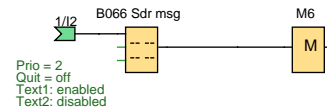
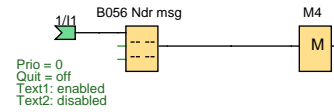
Q9-Drop lights in house



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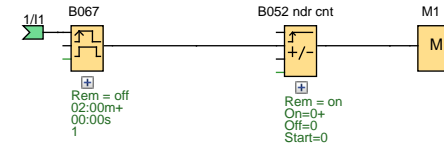
Sta 20

MESSAGE SECTION

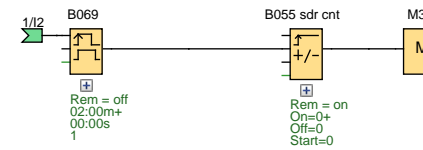


Counting sections

North door open counter

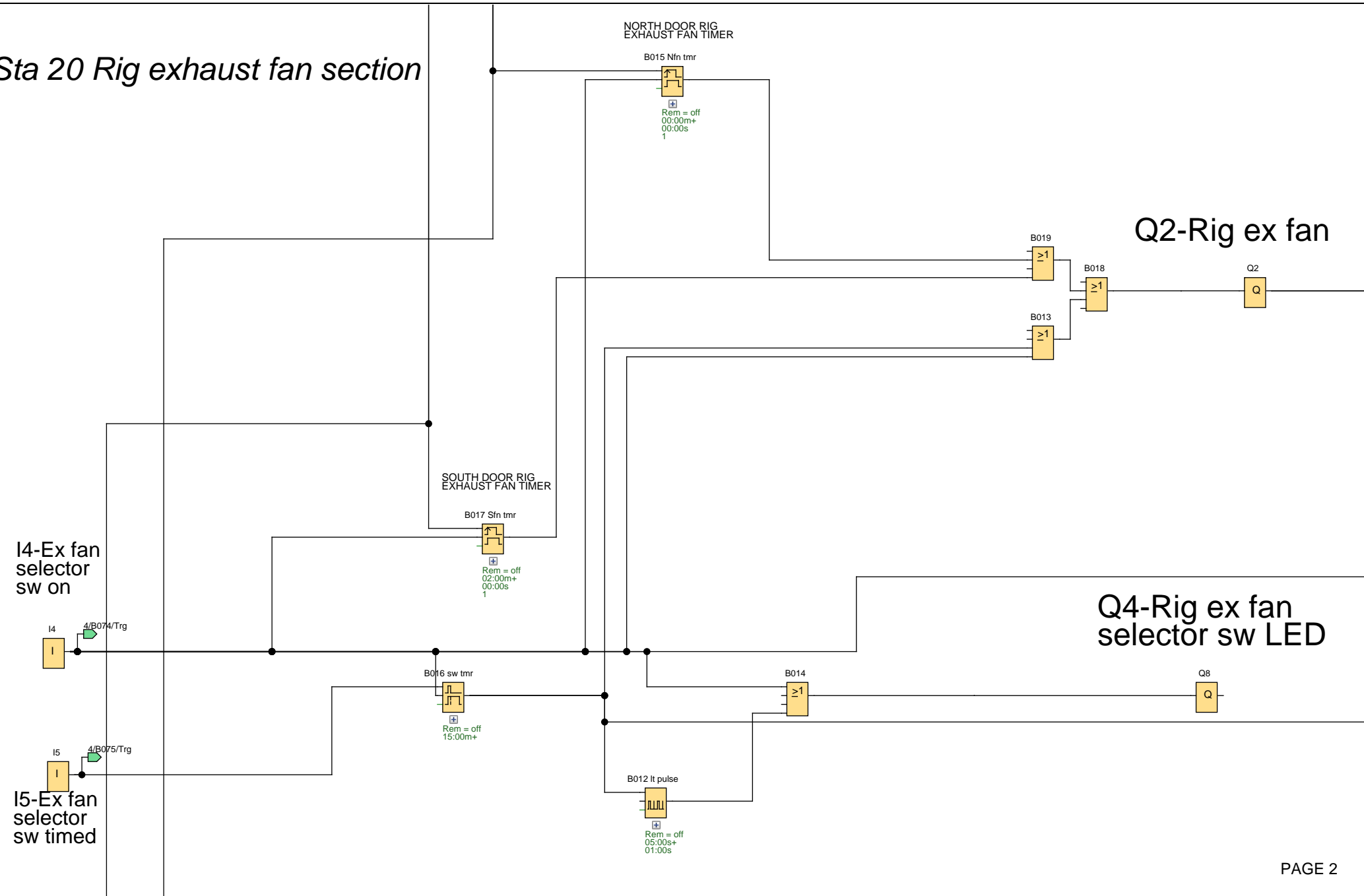


South door open counter



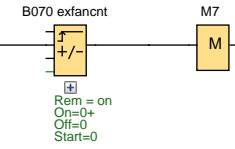
Creator:	John Ledbetter	Denver Fire Lineshop	Project:	Station 20 doors	Customer:	Denver Fire Department
Checked:	5-2--22		Installation:	Door Project	Diagram No.:	3
Date:	2/18/16 7:10 AM/5/2/22 9:12 AM		File:	Sta 20 drs 3-31-22.lsc	Page:	4 / 19

Sta 20 Rig exhaust fan section

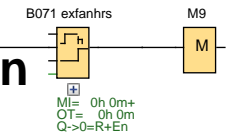


Creator:	John Ledbetter	Project:	Station 20 doors	Customer:	Denver Fire Department
Checked:	5-2--22	Installation:	Door Project	Diagram No.:	3
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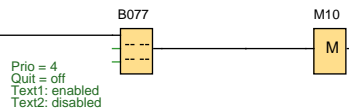
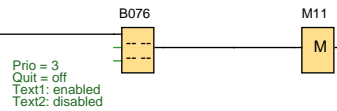
Rig fan "ON" count



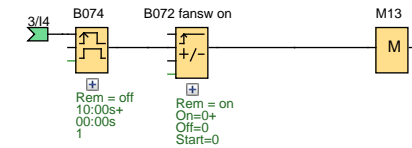
Rig fan hours



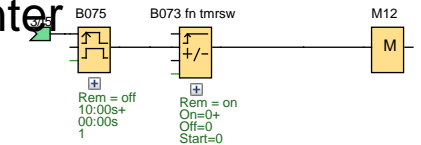
Message sections



Rig fan switch "ON" use counter



Rig fan timed switch use counter



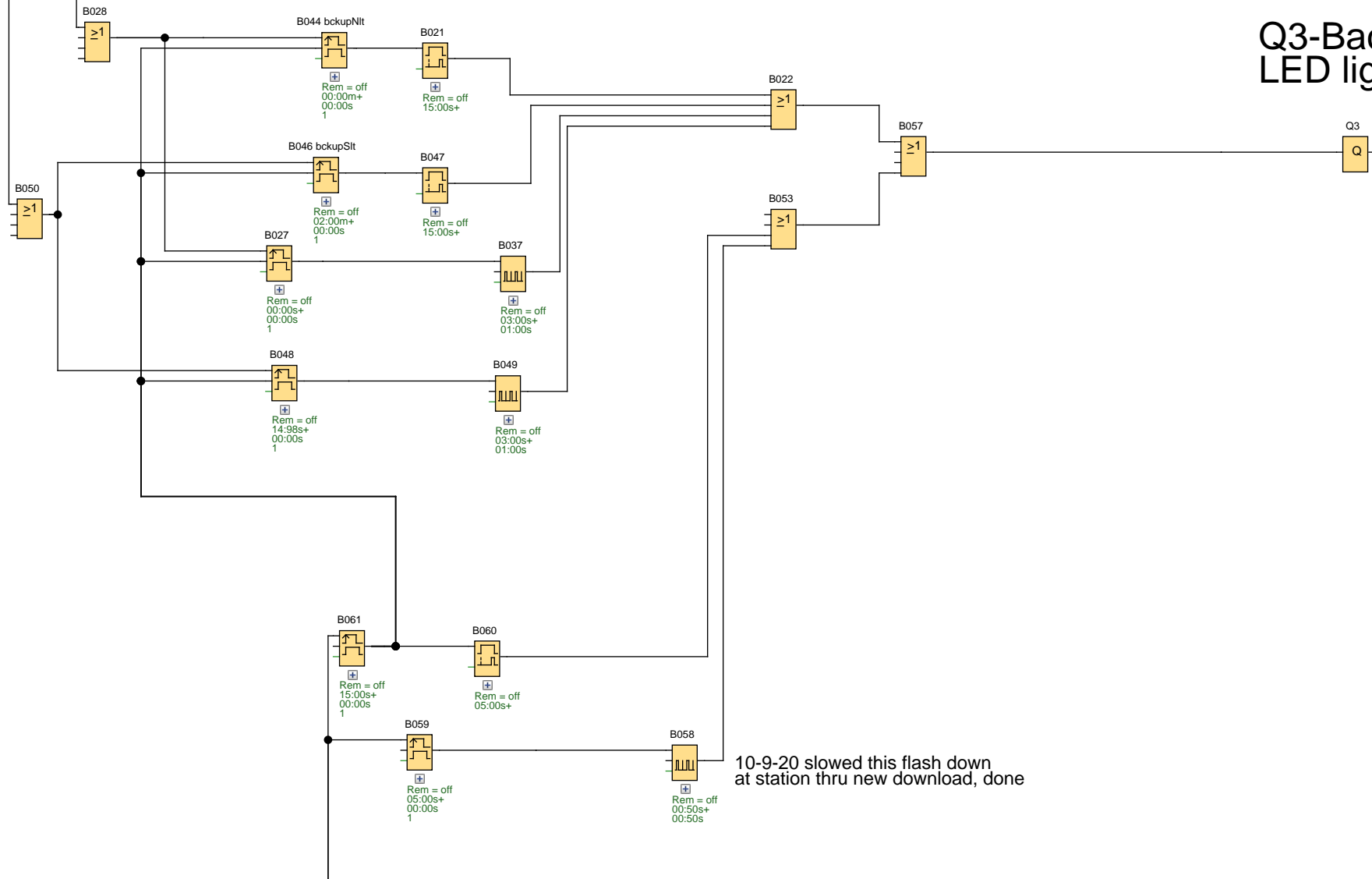
Creator:	John Ledbetter	Denver Fire Lineshop	Project:	Station 20 doors	Customer:	Denver Fire Department
Checked:	5-2--22		Installation:	Door Project	Diagram No.:	3
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Station 20 Doors

Back up LED light section

Sta 20 has one backup LED

Q3-Backup LED lights

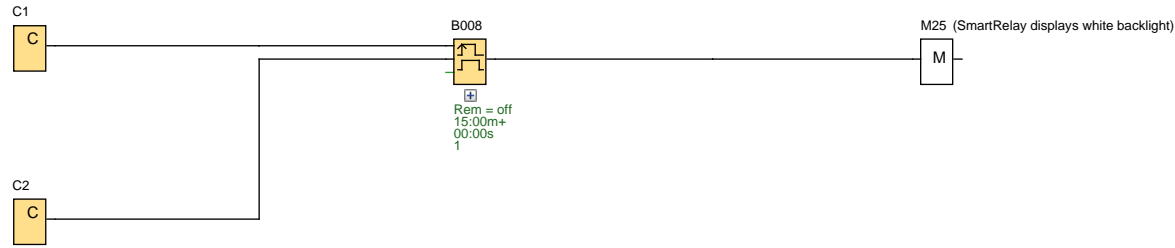


10-9-20 slowed this flash down at station thru new download, done

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Sta 20

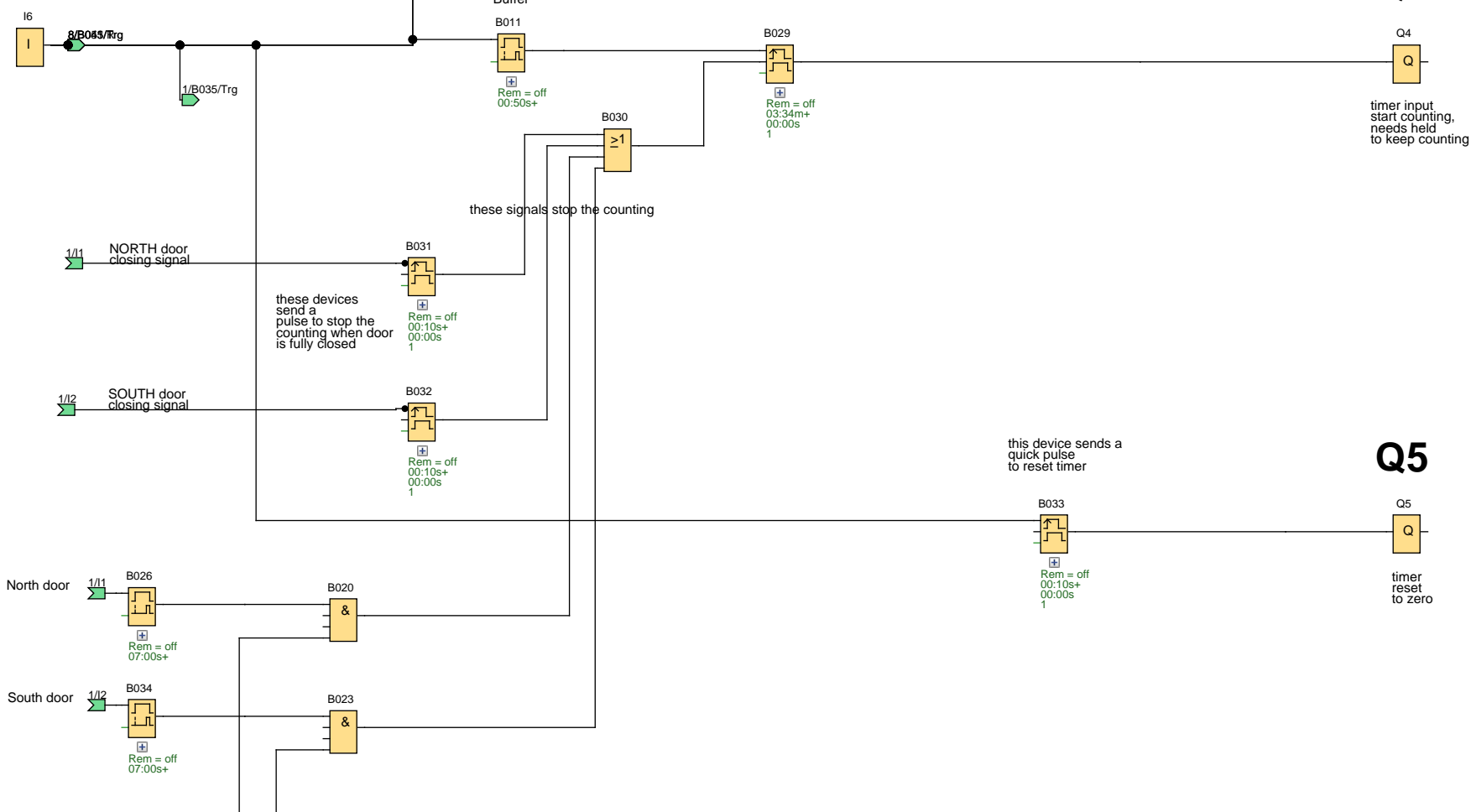
Smart display brightener



Creator:	John Ledbetter	Denver Fire Lineshop	Project:	Station 20 doors	Customer:	Denver Fire Department
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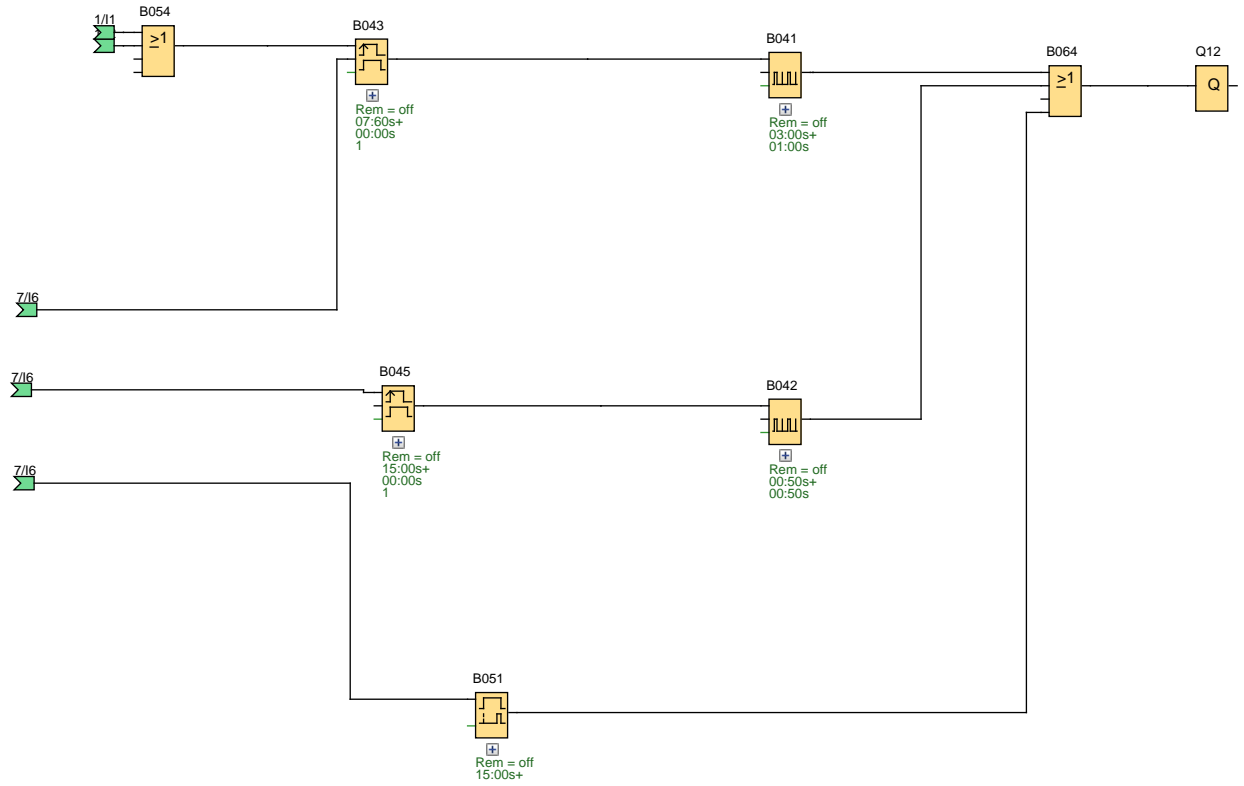
Sta 20 Shot clock

I6-VOCALARM



Creator:	John Ledbetter	Denver Fire Lineshop	Project:	Station 20 doors	Customer:	Denver Fire Department
Checked:	5-2--22		Installation:	Door Project	Diagram No.:	3
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Sta 20 red light in dayroom



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Date:	2/18/16 7:10 AM/5/2/22 9:12 AM		File:	Sta 20 drs 3-31-22.lsc	Page:	10 / 19

Sta 20 Door Receiver pulse section

I10-NORTH door,
receiver



This keeps engineer from repeat
remote pushing



Rem = off
01:50s+
00:00s
1



Rem = off
00:50s+
00:00s
1

Q6

To north opener,
white and orange wires



I11-SOUTH door,
receiver



This keeps engineer from repeat
remote pushing



Rem = off
01:50s+
00:00s
1



Rem = off
00:50s+
00:00s
1

Q7

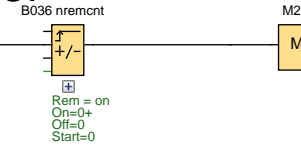
To south opener,
white and orange wires



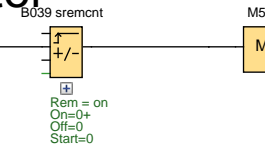
Creator:	John Ledbetter	Denver Fire Lineshop	Project:	Station 20 doors	Customer:	Denver Fire Department
Checked:	5-2--22		Installation:	Door Project	Diagram No.:	3
Date:	2/18/16 7:10 AM/5/2/22 9:12 AM		File:	Sta 20 drs 3-31-22.lsc	Page:	11 / 19

Sta 20

North door remote use counter



South door remote use counter



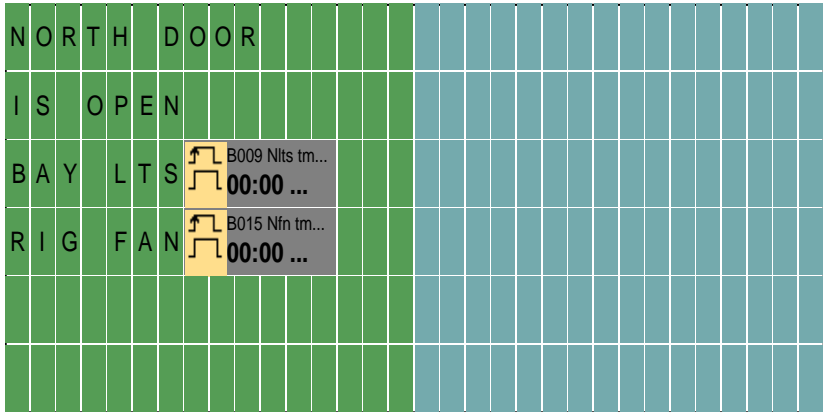
Creator:	John Ledbetter	Denver Fire Lineshop	Project:	Station 20 doors	Customer:	Denver Fire Department
Checked:	5-2--22		Installation:	Door Project	Diagram No.:	3
Date:	2/18/16 7:10 AM/5/2/22 9:12 AM		File:	Sta 20 drs 3-31-22.lsc	Page:	12 / 19

Block Number (Type)	Parameter
B001 buffer(On-delay) :	Rem = off 01:00s+
B002 buffer(On-delay) :	Rem = off 01:00s+
B008(Edge-triggered interval time-delay relay) :	Rem = off 15:00m+ 00:00s 1
B009 Nlts tmr(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B010 Slts tmr(Edge-triggered interval time-delay relay) :	Rem = off 03:00m+ 00:00s 1
B011(On-delay) :	Rem = off 00:50s+
B012 lt pulse(Asynchronous pulse generator) :	Rem = off 05:00s+ 01:00s
B015 Nfn tmr(Edge-triggered interval time-delay relay) : NORTH DOOR RIG EXHAUST FAN TIMER	Rem = off 00:00m+ 00:00s 1
B016 sw tmr (Off-delay) :	Rem = off 15:00m+
B017 Sfn tmr(Edge-triggered interval time-delay relay) : SOUTH DOOR RIG EXHAUST FAN TIMER	Rem = off 02:00m+ 00:00s 1
B021(On-delay) :	Rem = off 15:00s+
B024(Edge-triggered interval time-delay relay) : This keeps engineer from repeat remote pushing	Rem = off 01:50s+ 00:00s 1
B025(Edge-triggered interval time-delay relay) : This keeps engineer from repeat remote pushing	Rem = off 01:50s+ 00:00s 1
B026(On-delay) : North door	Rem = off 07:00s+
B027(Edge-triggered interval time-delay relay) :	Rem = off 00:00s+ 00:00s 1
B029(Edge-triggered interval time-delay relay) : this device starts timer counting from zero with vocalarm	Rem = off 03:34m+ 00:00s 1
B031(Edge-triggered interval time-delay relay) : these devices send a pulse to stop the counting when door is fully closed	Rem = off 00:10s+ 00:00s 1
B032(Edge-triggered interval time-delay relay) :	Rem = off 00:10s+ 00:00s 1
B033(Edge-triggered interval time-delay relay) : this device sends a quick pulse to reset timer	Rem = off 00:10s+ 00:00s 1
B034(On-delay) : South door	Rem = off 07:00s+

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Block Number (Type)	Parameter
B035(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B036 nremcnt(Up/Down counter) : North door remote use counter	Rem = on On=0+ Off=0 Start=0
B037(Asynchronous pulse generator) :	Rem = off 03:00s+ 01:00s
B038 Drplttmr(Off-delay) :	Rem = off 30:00s+
B039 sremcnt(Up/Down counter) : South door remote use counter	Rem = on On=0+ Off=0 Start=0
B040(Astronomical clock) :	Lot: W105°1'58"+ Lat: N39°43'29" LZ: -7 Sunrise offset: 20 Sunset offset: -20
B041(Asynchronous pulse generator) :	Rem = off 03:00s+ 01:00s
B042(Asynchronous pulse generator) :	Rem = off 00:50s+ 00:50s
B043(Edge-triggered interval time-delay relay) :	Rem = off 07:60s+ 00:00s 1
B044 bckupNlt(Edge-triggered interval time-delay relay) :	Rem = off 00:00m+ 00:00s 1
B045(Edge-triggered interval time-delay relay) :	Rem = off 15:00s+ 00:00s 1
B046 bckupSlT(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B047(On-delay) :	Rem = off 15:00s+
B048(Edge-triggered interval time-delay relay) :	Rem = off 14:98s+ 00:00s 1
B049(Asynchronous pulse generator) :	Rem = off 03:00s+ 01:00s
B051(On-delay) :	Rem = off 15:00s+
B052 ndr cnt(Up/Down counter) : North door opeh counter	Rem = on On=0+ Off=0 Start=0
B055 sdr cnt(Up/Down counter) : South door open counter	Rem = on On=0+ Off=0 Start=0

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Block Number (Type)	Parameter
<p>B056 Ndr msg(Message texts) :</p>  <p>Line3.8 B009 Nlts tmr-THRest Line4.8 B015 Nfn tmr-THRest</p>	<p>Prio = 0 Quit = off Text1: enabled Text2: disabled</p> <p>Ticker setting - CBC - Line1: N - Line2: Z - Line3: Z - Line4: Z - Line5: Z - Line6: Z</p> <p>Message Destination - Both</p>

B058(Asynchronous pulse generator) :	Rem = off 00:50s+ 00:50s
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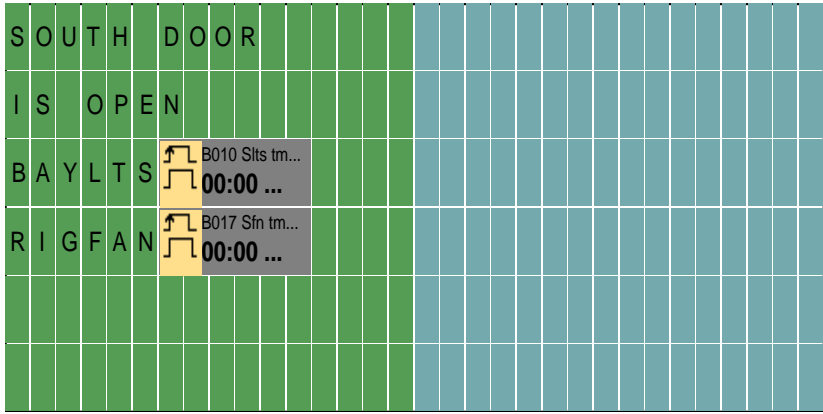
B059(Edge-triggered interval time-delay relay) :	Rem = off 05:00s+ 00:00s 1
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B060(On-delay) :	Rem = off 05:00s+
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B061(Edge-triggered interval time-delay relay) :	Rem = off 15:00s+ 00:00s 1
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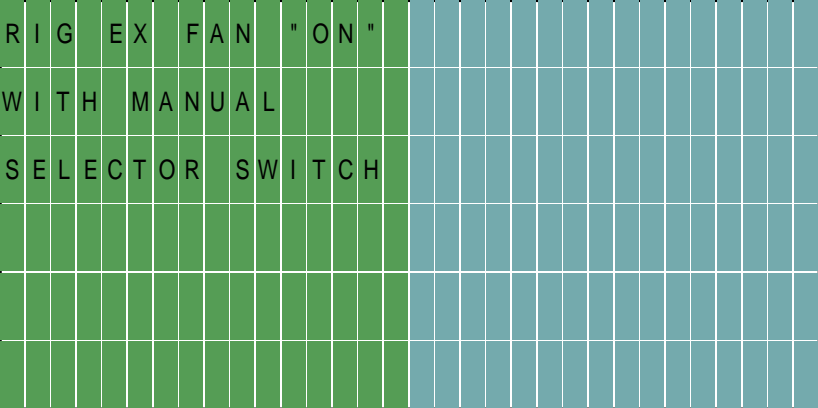
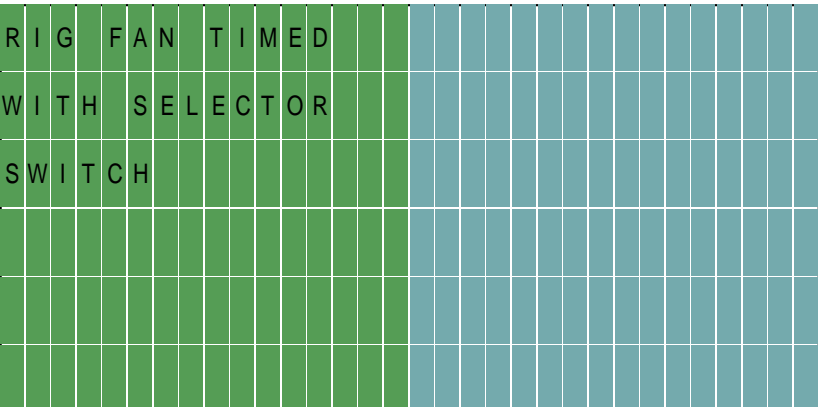
B062 npulse(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
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B063 spulse(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
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<p>B066 Sdr msg(Message texts) :</p>  <p>Line3.7 B010 Slts tmr-THRest Line4.7 B017 Sfn tmr-THRest</p>	<p>Prio = 2 Quit = off Text1: enabled Text2: disabled</p> <p>Ticker setting - CBC - Line1: N - Line2: Z - Line3: Z - Line4: Z - Line5: Z - Line6: Z</p> <p>Message Destination - Both</p>
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B067(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
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Block Number (Type)	Parameter
B069(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B070 exfanctn(Up/Down counter) : Rig fan "ON" count	Rem = on On=0+ Off=0 Start=0
B071 exfanhrs(Operating hours counter) : Rig fan hours	ML= 0h 0m+ OT= 0h 0m Q->0=R+En
B072 fansw on(Up/Down counter) : Rig fan switch "ON" use counter	Rem = on On=0+ Off=0 Start=0
B073 fn tmrsw(Up/Down counter) : Rig fan timed switch use counter	Rem = on On=0+ Off=0 Start=0
B074(Edge-triggered interval time-delay relay) :	Rem = off 10:00s+ 00:00s 1
B075(Edge-triggered interval time-delay relay) :	Rem = off 10:00s+ 00:00s 1
B076(Message texts) : 	Prio = 3 Quit = off Text1: enabled Text2: disabled Ticker setting - CBC - Line1: N - Line2: Z - Line3: Z - Line4: Z - Line5: Z - Line6: Z Message Destination - Both
B077(Message texts) : 	Prio = 4 Quit = off Text1: enabled Text2: disabled Ticker setting - CBC - Line1: N - Line2: Z - Line3: Z - Line4: Z - Line5: Z - Line6: Z Message Destination - Both
I1(Input) : I1-NORTH DOOR	

Block Number (Type)	Parameter
I2(Input) : I2-SOUTH DOOR	
I4(Input) : I4-Ex fan selector sw on	
I5(Input) : I5-Ex fan selector sw timed	
I6(Input) : I6-VOCALARM	
I10(Input) : I10-NORTH door, receiver	
I11(Input) : I11-SOUTH door, receiver	
Q1(Output) : Q1-APPARATUS BAY LIGHTS	
Q2(Output) : Q2-Rig ex fan	
Q3(Output) : Q3-Backup LED lights	
Q4(Output) : Q4-timer input start counting, needs held to keep counting	
Q5(Output) : Q5-timer reset to zero	
Q6(Output) : Q6-To north opener, white and orange wires	
Q7(Output) : Q7-To south opener, white and orange wires	
Q9(Output) : Q9-Drop lights in house	

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Connection	Label
C1	
C2	
I1	
I2	
I4	
I5	
I6	
I10	
I11	
M1	
M2	
M3	
M4	
M5	
M6	
M7	
M9	
M10	
M11	
M12	
M13	
M25	SmartRelay displays white backlight
Q1	
Q2	
Q3	
Q4	
Q5	
Q6	
Q7	

Connection	Label
Q8	
Q9	
Q12	

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