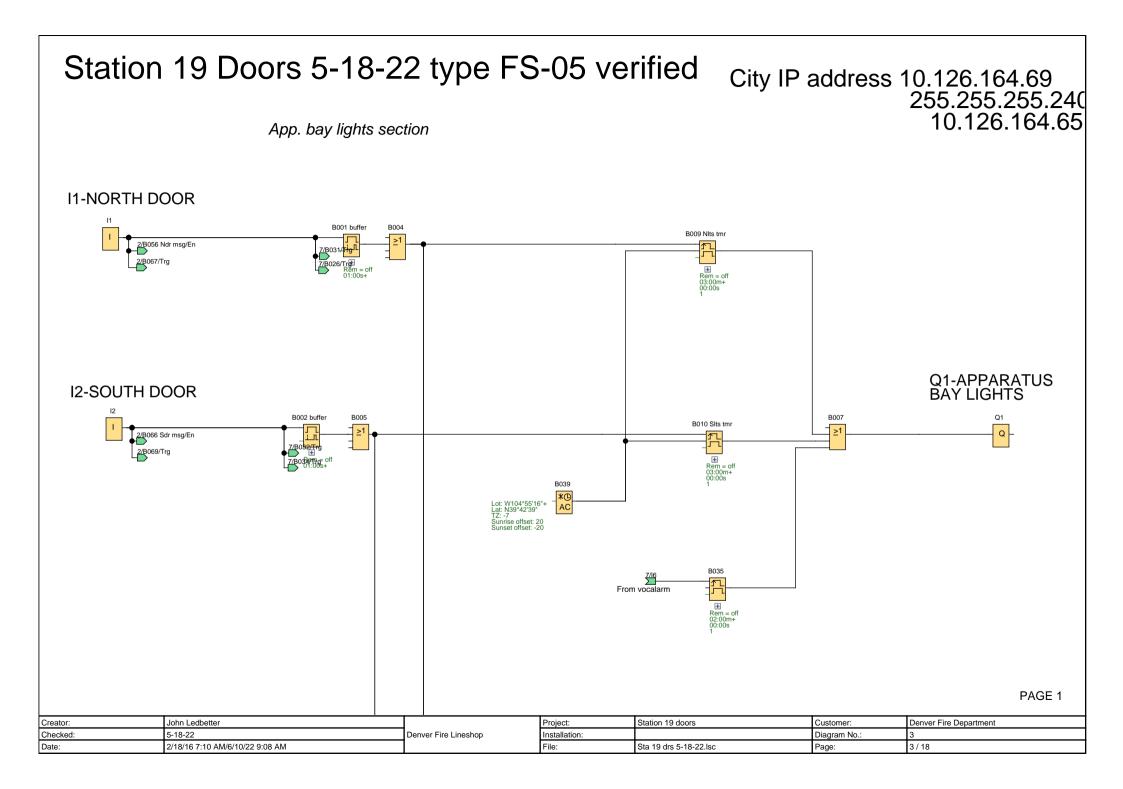
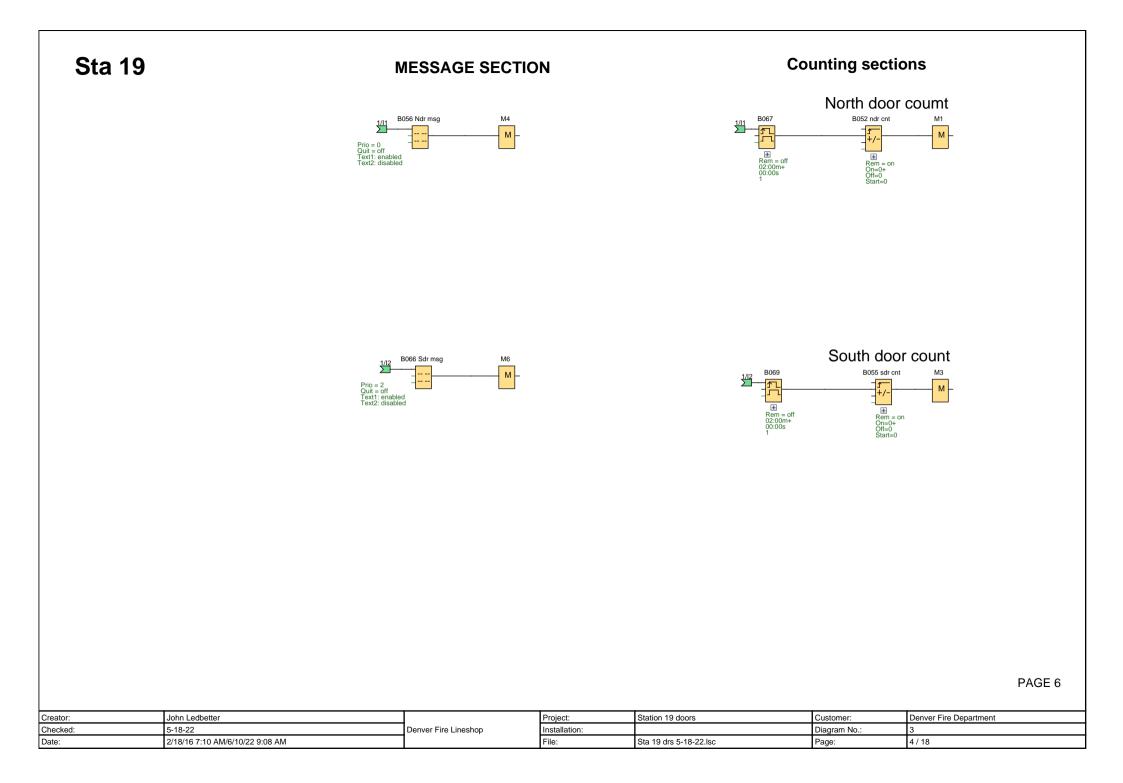
Comment

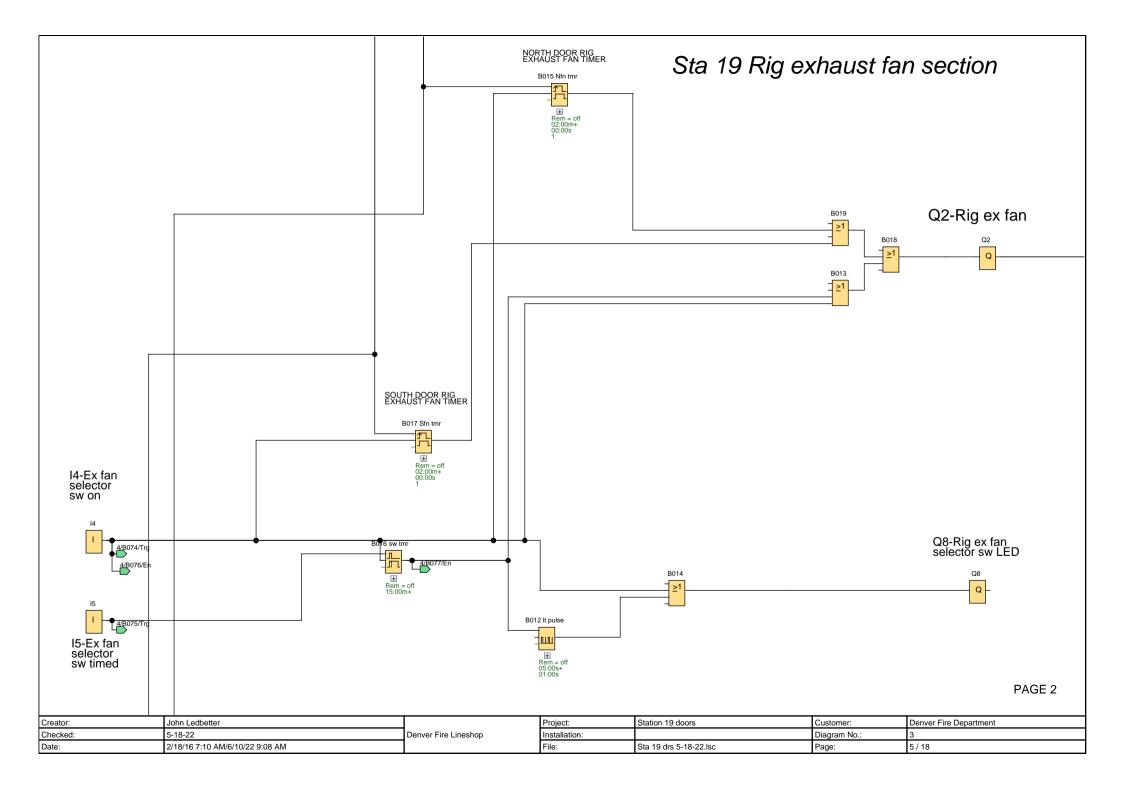
rev 8-10-18 with cntrs etc cosmo only 5-18-22 no counters available, city ip installed, online tests good, done, FS-05 verified

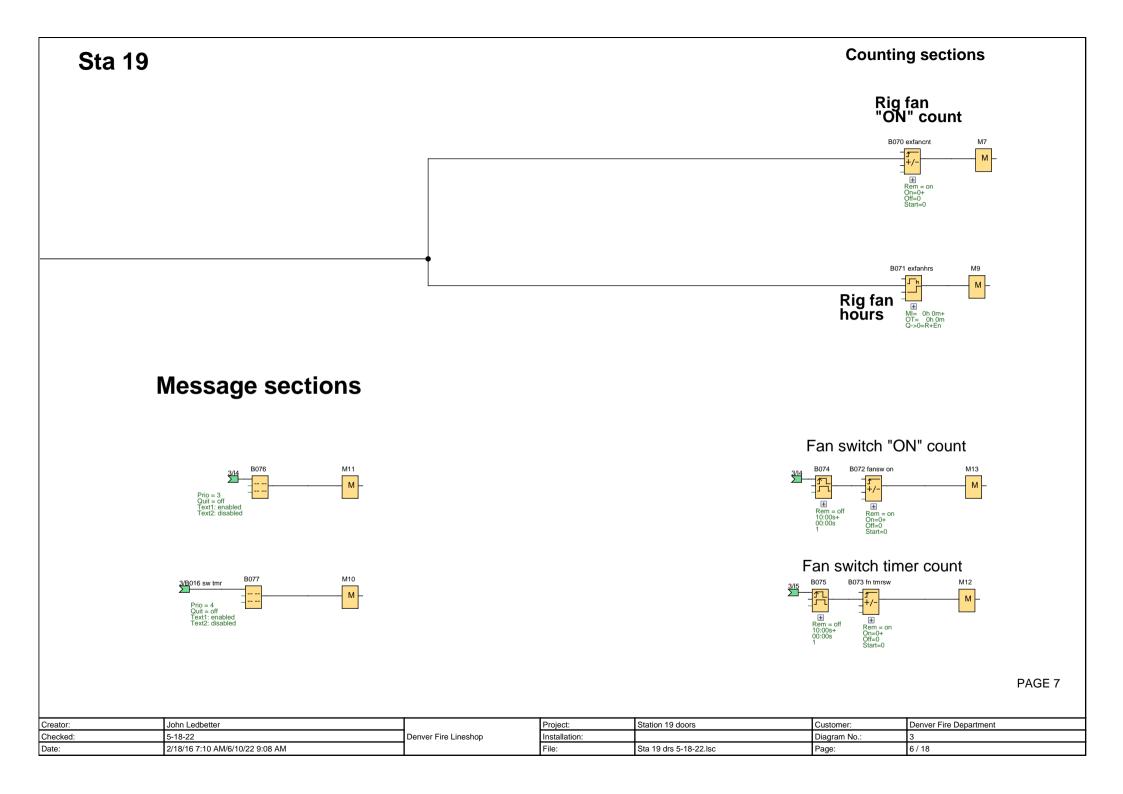
Creator:	John Ledbetter		Project:	Station 19 doors	Customer:	Denver Fire Department
Checked:	5-18-22	Denver Fire Lineshop	Installation:		Diagram No.:	3
Date:	2/18/16 7:10 AM/6/10/22 9:08 AM		File:	Sta 19 drs 5-18-22.lsc	Page:	1 / 18

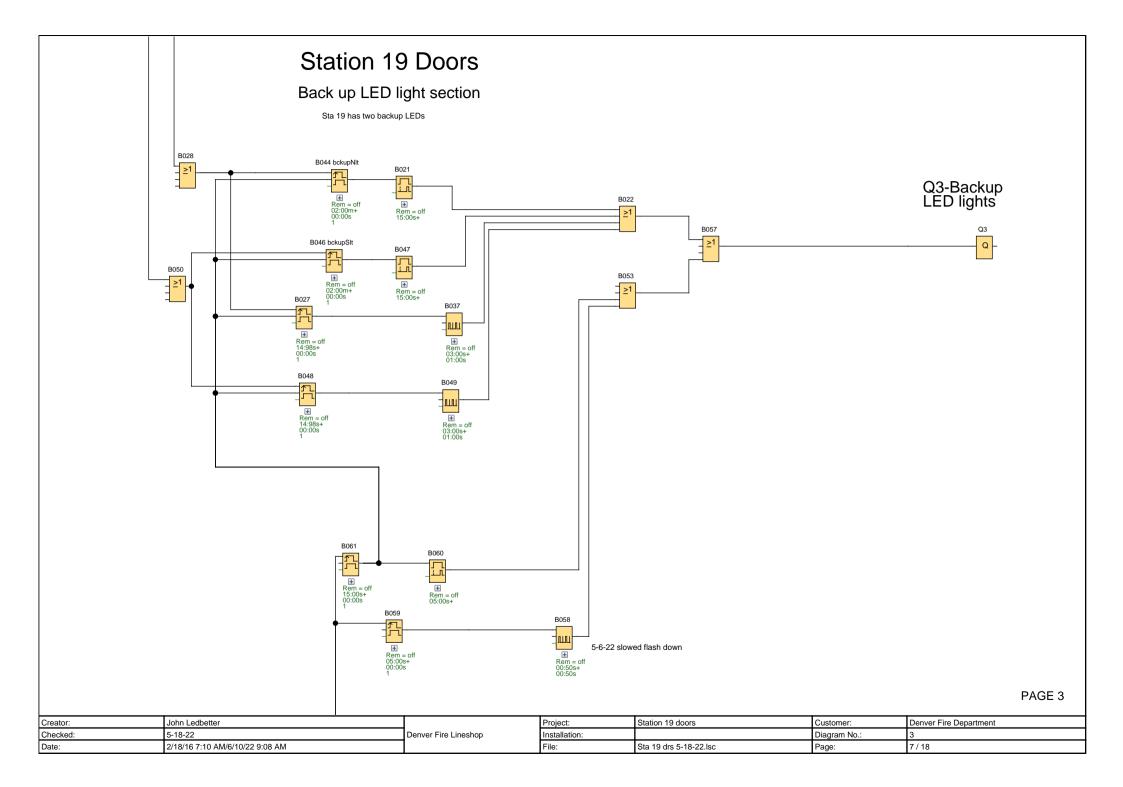
Module A	ddress					
IP Addres Subnet Ma Default ga	s 10.126.164.69 ask: 255.255.255.240 teway 10.126.164.65					
itor:	John Ledbetter		Project:	Station 19 doors	Customer:	Denver Fire Department
	5-18-22	Denver Fire Lineshop	Installation:		Diagram No.:	3
ked:						







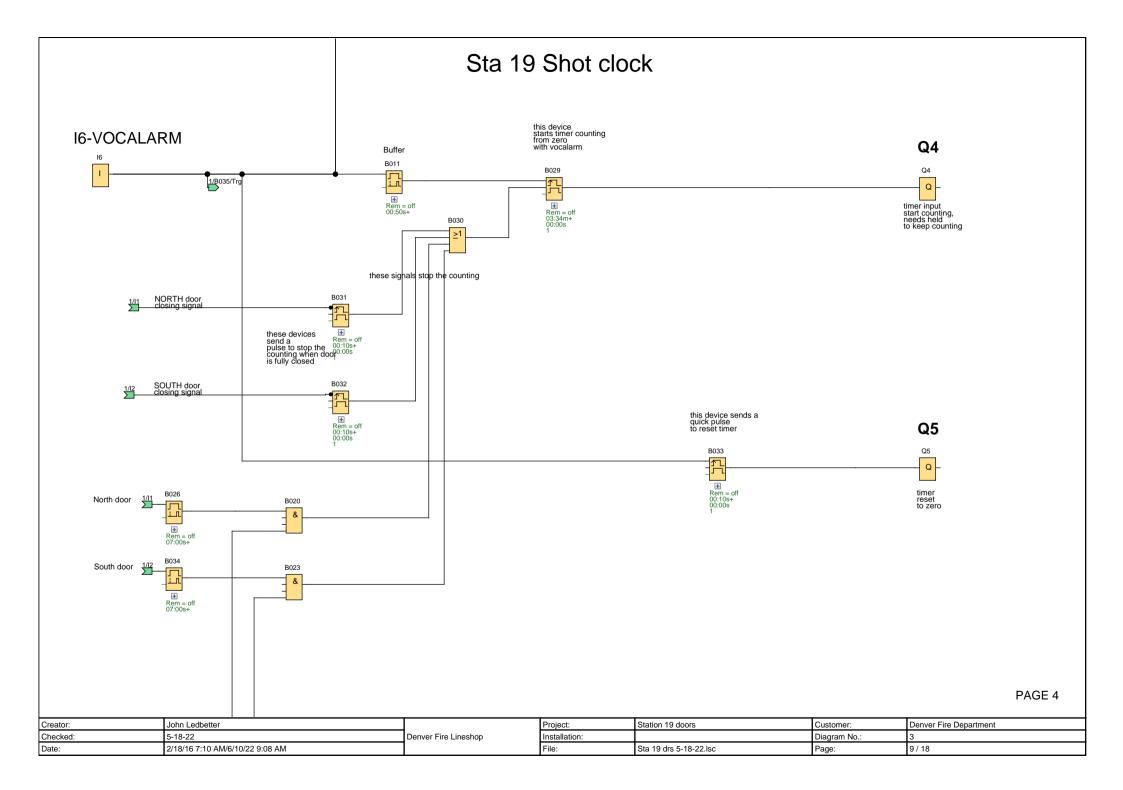




Sta 19

Creator:	John Ledbetter		Project:	Station 19 doors	Customer:	Denver Fire Department
Checked:	5-18-22	Denver Fire Lineshop	Installation:		Diagram No.:	3
Date:	2/18/16 7:10 AM/6/10/22 9:08 AM		File:	Sta 19 drs 5-18-22.lsc	Page:	8 / 18

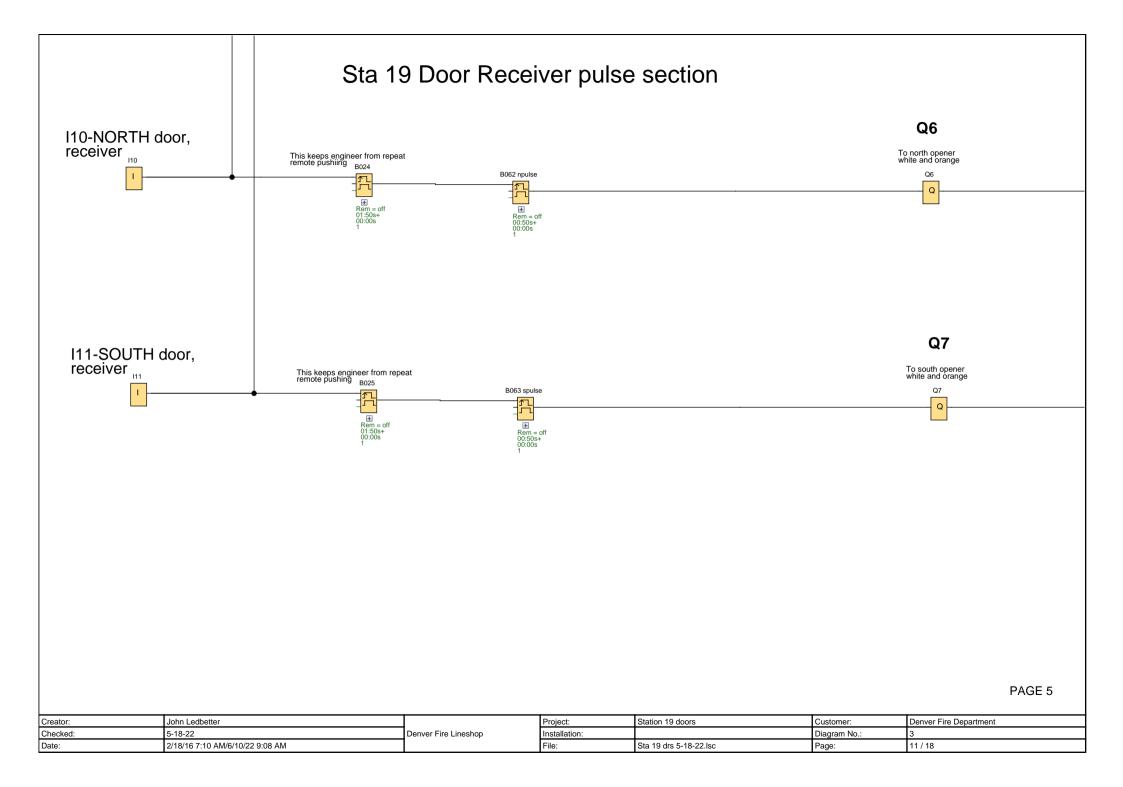
PAGE 8

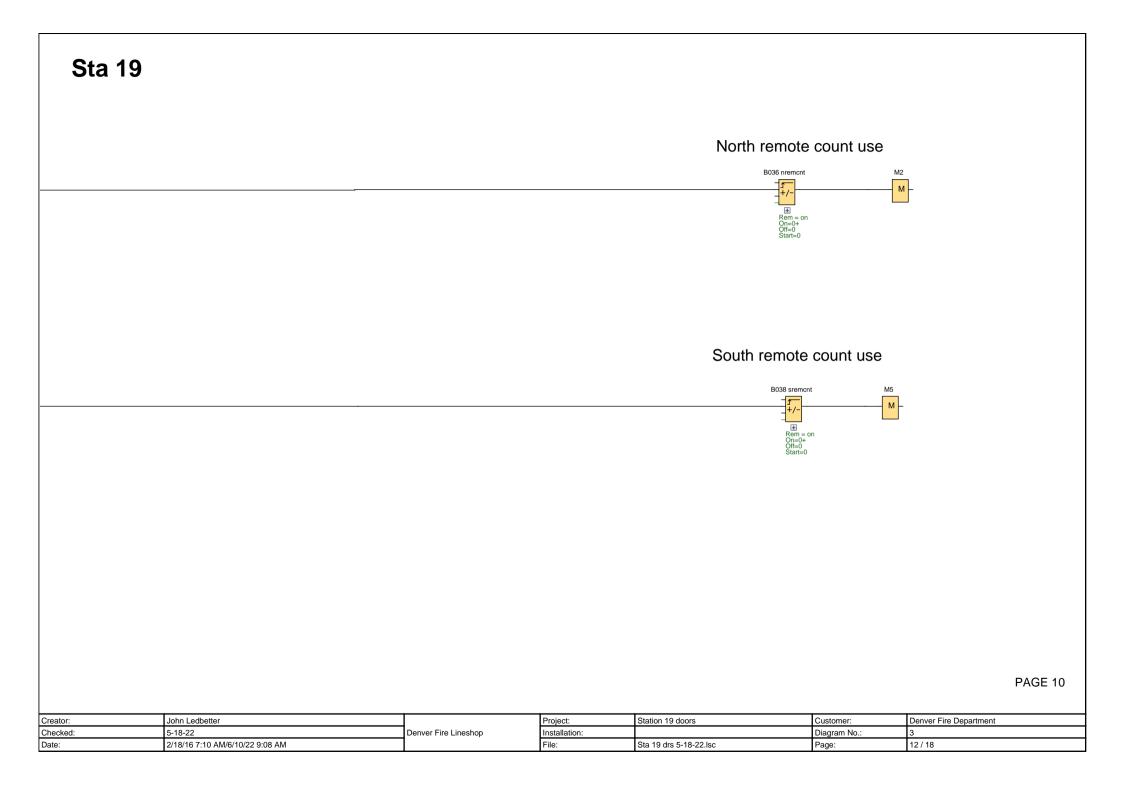


Sta 19

17.000

Creator:	John Ledbetter		Project:	Station 19 doors	Customer:	Denver Fire Department
Checked:	5-18-22		Installation:		Diagram No.:	3
Date:	2/18/16 7:10 AM/6/10/22 9:08 AM		File:	Sta 19 drs 5-18-22.lsc	Page:	10 / 18





Block Number (Type)	Parameter
B001 buffer(On-delay) :	Rem = off 01:00s+
B002 buffer(On-delay) :	Rem = off 01:00s+
B009 Nlts tmr(Edge-triggered interval time-delay relay) :	Rem = off 03:00m+ 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 It 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 02:00m+ 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 pushiing	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 14:98s+ 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+
B035(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
or: John Ledbetter Project: ked: 5-18-22 Denver Fire Lineshop Installation	Station 19 doors Customer: Denver Fire Department on: Diagram No.: 3

B036 rrennest(UpDown counter) : B036 rrennest(UpDown counter) : B036 rrennest(UpDown counter) : B038 stement(UpDown counter) : B038 stement(UpDown counter) : B038 stement(UpDown counter) : B038 stement(UpDown counter) : B038 stement(UpDown counter) : B038 stement(UpDown counter) : B038 stement(UpDown counter) : B044 bokupNit/Edge-triggered interval time-delay relay) : B045 stement(UpDown counter) : B046 bokupSit/Edge-triggered interval time-delay relay) : B046 stement(UpDown counter) : B047 (On-delay) : B046 bokupSit/Edge-triggered interval time-delay relay) : B046 stement(UpDown counter) : B046 stement(UpDown counter) : B046 stement(UpDown counter) : B046 stement(UpDown counter) : B046 stement(UpDown counter) : B046 stement(UpDown counter) : B056 std cnt(UpDown counter) : B056 std cnt(UpDown counter) : B057 eff B056 std cnt(UpDown counter) : B058 std cnt(UpDown counter) : B058 std cnt(UpDown counter) : B058 std cnt(UpDown counter) : B058 std cnt(UpDown counter) : B058 std cnt(UpDown counter) : B058 std cnt(UpDown counter) : B058 std cnt(UpDown counter) : B058 std cnt(UpDown counter) : B058 std cnt(UpDown counter) : B058 std cnt(UpDown counter) : B058 std cnt(UpDown counter) : B059 (Edge-triggered interval time-d	Block Number (Type)	Parameter
B038 stemant(Up/Down counter): Bgm_ = on Start=0 B039(Astronomical clock): Let: VJ34/3535** Strates office: 33 B044 bckupNI(Edge-triggered interval time-delay relay): Bgm_ = off B046 bckupSI(Edge-triggered interval time-delay relay): Bgm_ = off B047(On-delay): Rem_ = off B048(Edge-triggered interval time-delay relay): Rem_ = off B049(Asynchronous pulse generator): Rem_ = off B055 sdr cnt(Up/Down counter): Rem_ = on Start=0 B056 Ndr msg(Message texts): Rem_ = on Start=0 B056 Ndr msg(Message texts): Rem_ = on Start=0 B056 Ndr msg(Message texts): Rem_ = on Start=0 B058 Ndr msg(Message texts): Rem_ = on Start=0 Line3 & B078 Nith mr. THRSet Rem_ = off B058(Asynchronous pulse generator): Rem_ = off	B036 nremcnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B039(Astronomical dock) : Lift Wardstranger B039(Astronomical dock) : Lift Wardstranger B044 bokupNil(Edge-triggered interval time-delay relay) : Berne off B047(On-delay) : Berne off B048(Asynchronous pulse generator) : Berne off B049(Asynchronous pulse generator) : Berne off B052 rdr cnt(Up/Down counter) : Berne on B055 rdr cnt(Up/Down counter) : Berne on B056 Ndr mag(Message texts) : Berne on Lisson P E N Berne on B058 Ndr mag(Message texts) : Error entition Linc 2 B B070 Nimm-Trikes Berne on B058 Ndr mag(Message texts) : Error entition Linc 2 B B070 Nimm-Trikes Berne on B058 Ndr mag(Message texts) : Error entition Linc 2 B B070 Nimm-Trikes Berne on B058 Ndr mag(Message texts) : Error entition Linc 2 B B070 Nimm-Trikes Error entition B058 Ndr mag(Message texts) : Error entition Linc 2 B B070 Nimm-Trikes Error entition B058 (Asynchronous pulse generator) : B059 (Edge-triggered interval time-delay relay) : B059 (Edge-tringered interval time-delay relay) : E	B037(Asynchronous pulse generator) :	Rem = off 03:00s+ 01:00s
B044 bckupNit(Edge-triggered interval time-delay relay) :	B038 sremcnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B046 bokupSN(Edge-triggered interval time-delay relay) : Rem_= off B047(Con-delay) : Rem_= off B048(Edge-triggered interval time-delay relay) : Rem_= off B048(Edge-triggered interval time-delay relay) : Rem_= off B049(Asynchronous pulse generator) : Rem_= on B055 af cnt(Up/Down counter) : Rem_= on B055 cdr cnt(Up/Down counter) : Rem_= on B056 Ndr msg(Message texts) : Rem_= on B057 Ndr msg(Message texts) : Rem_= on B058 Ndr msg(Message texts) : Rem_= on B059 Nin mm_= fricter Rem_= on B058 Ndr msg(Message texts) : Rem_= on B059 Nin mm_= fricter Rem_= on B059 Nin mm_= fricter Rem_= on B059 (Kdge-triggered interval time-delay relay) : Rem_= off B059 (Edge-triggered interval time-delay relay) : Rem_= off B059 (Edge-triggered interval time-delay relay) : Rem_= off B05	B039(Astronomical clock) :	Lot: W104°55'16"+ Lat: N39°42'39" TZ: -7 Sunrise offset: 20 Sunset offset: -20
B047(On-delay) : Rem = off B048(Edge-triggered interval time-delay relay) : Rem = off B049(Asynchronous pulse generator) : Rem = off B052 ndr cnt(Up/Down counter) : Rem = off B055 sdr cnt(Up/Down counter) : Rem = off B056 Ndr msg(Message texts) : Rem = off N O R T H D O O R Rem = off B050 Ndr msg(Message texts) : Rem = off B050 Ndr msg(Message texts) : Rem = off B A Y L T S DOBONE manual state s	B044 bckupNlt(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
T 3:005+ B048(Edge-triggered interval time-delay relay) : B049(Asynchronous pulse generator) : Bern = off B052 ndr ont(Up/Down counter) : Bern = off B055 sdr ont(Up/Down counter) : Bern = off B056 Ndr msg(Message texts) : Bern = off B056 Ndr msg(Message texts) : Briggered interval time-delay relay) : B050 Ndr msg(Message texts) : Briggered interval time-delay relay : B050 Ndr msg(Message texts) : Briggered interval time-delay relay : B050 Ndr msg(Message texts) : Briggered interval time-delay relay : B050 Ndr msg(Message texts) : Briggered interval time-delay relay : B050 Ndr msg(Message texts) : Briggered interval time-delay relay : B050 Ndr msg(Message texts) : Briggered interval time-delay relay : B050 Ndr msg(Message texts) : Briggered interval time-delay relay : HRs3 & B078 Nts mm-THRest B059(Edge-triggered interval time-delay relay) : B059(Edge-triggered interval time-delay relay : Briggered interval time-delay relay : B059(Edge-triggered interval time-delay relay : Briggered interval time-delay relay : B059(Edge-triggered interval time-delay relay : Briggered interval time-delay relay : B059(Edge-triggered interval	B046 bckupSlt(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
Image: Second control is a second control is contrect	B047(On-delay) :	Rem = off 15:00s+
B052 ndr cnt(Up/Down counter) : Bern = on Start=0 B055 sdr cnt(Up/Down counter) : Bern = on Start=0 B056 Ndr msg(Message texts) : Brint = on Start=0 N O R T H D O O R Bit = on Start=0 B A Y L T S T 000 Nts mu. D 000 0 Bit = on Start=0 B A Y L T S T 000 Nts mu. D 000 0 Bit = on Start=0 B A Y L T S T 000 Nts mu. D 000 0 Bit = on Start=0 B A Y L T S T 000 Nts mu. D 000 0 Bit = on Start=0 B A Y L T S T 000 Nts mu. D 000 0 Bit = on Start=0 B A Y L T S T 000 Nts mu. D 000 0 Bit = on Start=0 B A Y L T S T 000 Nts mu. D 000 0 Bit = on Start=0 B B A Y L T S T 000 Nts mu. D 000 0 Bit = on Start=0 B B A Y L T S T 000 Nts mu. D 000 0 Bit = on Start=0 B B B B O Nts thm-THRest Bit = on Start=0 B B B B O Nts thm-THRest Bit = on Start=0 B B B B D S S (Asynchronous pulse generator) : Bern = off Start=0 B B B S (Edge-triggered interval time-delay relay) : Bern = off Start=0 Creator: Linest & Batton 19 doors Customer:	B048(Edge-triggered interval time-delay relay) :	Rem = off 14:98s+ 00:00s 1
B055 sdr cnt(Up/Down counter) : Rem_= on Start=0	B049(Asynchronous pulse generator) :	Rem = off 03:00s+ 01:00s
B056 Ndr msg(Message texts) : Print = 0 B056 Ndr msg(Message texts) : Print = 0 N O R T H D O O R I S O P E N B A Y L T S D D D D D D D D D D D D D D D D D D D	B052 ndr cnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
NORTHHDOOOR	B055 sdr cnt(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
NORTHHDOOOR	B056 Ndr msg(Message texts) :	Prio = 0 Quit = off Text1: enabled Text2: enabled
B058(Asynchronous pulse generator) : Rem = off 00:50s+ 00:50s B059(Edge-triggered interval time-delay relay) : Rem = off 05:00s+ 00:00s 1 Creator: John Ledbetter Project: Station 19 doors Customer: Denver Fire Department	N O R T H D O R I <tdi< td=""> I <tdi< td=""></tdi<></tdi<>	 Ticker setting CBC Line1: N Line2: N Line3: N Line4: N Line6: N Message Destination Both
B059(Edge-triggered interval time-delay relay) : Rem = off 05:00s+ 00:00s 00:00s 1 Creator: John Ledbetter Project: Station 19 doors Customer: Denver Fire Department		Rem – off
Creator: John Ledbetter Project: Station 19 doors Customer: Denver Fire Department		
	B059(Edge-triggered interval time-delay relay) :	Rem = off 05:00s+ 00:00s 1
Date: 2/18/16 7:10 AM/6/10/22 9:08 AM File: Sta 19 drs 5-18-22.lsc Page: 14 / 18	Checked: 5-18-22 Denver Fire Lineshop Installation:	Diagram No.: 3

Block Number (Type)	Parameter
B060(On-delay) :	Rem = off 05:00s+
B061(Edge-triggered interval time-delay relay) :	Rem = off 15:00s+ 00:00s 1
B062 npulse(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
B063 spulse(Edge-triggered interval time-delay relay) :	Rem = off 00:50s+ 00:00s 1
B066 Sdr msg(Message texts) :	Prio = 2 Quit = off Text1: enabled Text2: disabled
S O U T H D O R I S O P E N Image: Constraint of the state of the stat	> Ticker setting - CBC - Line1: N - Line3: N - Line4: N - Line6: N - Line6: N Message Destination - Both
Line3.7 B010 Sits tmr-THRest Line4.7 B017 Sfn tmr-THRest	
B067(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B069(Edge-triggered interval time-delay relay) :	Rem = off 02:00m+ 00:00s 1
B070 exfancnt(Up/Down counter) : Rig fan "ON" count	Rem = on On=0+ Off=0 Start=0
B071 exfanhrs(Operating hours counter) : Rig fan hours	MI= 0h 0m+ OT= 0h 0m Q->0=R+En
B072 fansw on(Up/Down counter) :	Rem = on On=0+ Off=0 Start=0
B073 fn tmrsw(Up/Down 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
eator: John Ledbetter Project: Stati	on 19 doors Customer: Denver Fire Department
ecked: 5-18-22 Denver Fire Lineshop Installation: te: 2/18/16 7:10 AM/6/10/22 9:08 AM File: Sta	Diagram No.: 3 19 drs 5-18-22.lsc Page: 15 / 18

Block Number (Type)				Parameter		
B076(Message texts) :				Prio = 3 Quit = off Text1: enable Text2: disable	ed	
R I G E X F A N " O N " Image: Solution of the state o				Ticker setting - GBC - Line1: N - Line2: N - Line3: N - Line3: N - Line5: N - Line6: N Message Des - Both	tination	
B077(Message texts) :				Prio = 4 Quit = off Text1: enable Text2: disable	d,	
R I G F A N T I M E D I I I M E D I I I M E D I I M E D I I I M E D I				Text2: disable Ticker setting - CBC - Line1: N - Line2: N - Line3: N - Line6: N - Line6: N Message Des - Both	atination	
11(Input) : 11-NORTH DOOR						
I2(Input) : I2-SOUTH DOOR						
l4(Input) : l4-Ex fan selector sw on						
I5(Input) : I5-Ex fan selector sw timed						
l6(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						
eator: John Ledbetter necked: 5-18-22	Denver Fire Lineshop	Project: Installation:	Station 19 do	oors	Customer: Diagram No.:	Denver Fire Department 3
ate: 2/18/16 7:10 AM/6/10/22 9:08 AM		File:	Sta 19 drs 5-		Page:	16 / 18

Block Number (Type)	Parameter
Q3(Output) : Q3-Backup LED lights	
Q4(Output) : timer input start counting, needs held to keep counting	
Q5(Output) : timer reset to zero	
Q6(Output) : To north opener white and orange	
Q7(Output) : To south opener white and orange	

Creator:	John Ledbetter		Project:	Station 19 doors	Customer:	Denver Fire Department
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Connection	1	Label					
11							
l2							
14							
15							
16							
l10							
l11							
M1							
M2							
M3							
M4							
M5							
M6							
M7							
M9							
M10							
M11							
M12							
M13							
Q1							
Q2							
Q3							
Q4							
Q5							
Q6							
Q7							
Q8							
Creator:	John L	edbetter		Project:	Station 19 doors	Customer:	Denver Fire Department
Checked: Date:	5-18-22	2 5 7:10 AM/6/10/22 9:08 AM	Denver Fire Lineshop	Installation:	Sta 19 drs 5-18-22.lsc	Diagram No.:	3 18 / 18