



December 13, 2023

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
PO Box 3265  
Harrisburg, PA 17105-3265

Re: PUC No. A-2023-3040993

Dear Secretary Chiavetta:

In accordance with ordering paragraph number 3 of PUC Secretarial Letter No. A-2023-3040993 dated August 2, 2023, please find attached for your approval one half sized copy of the situation and circuitry plans for the two crossings on the State Route 36, Section R09 project in Clearfield County, consisting of sheets 01 through 20 each.

The Department of Transportation hereby avers that a complete set of the aforesaid final Drawings for Construction plans are being sent to the following parties of record for examination in accordance with the attached Certificate of Service.

We respectfully request the approval of these plans and the subsequent issuance of a PUC Order or a Secretarial Letter. Should you have any questions or concerns, please feel free to contact David Wachob at (814) 496 - 6096.

Sincerely,

A handwritten signature in black ink that reads "David J. Wachob".

David J. Wachob, District Grade Crossing Engineer  
Engineering District 2-0  
Department of Transportation

Enclosure(s)

Rosemary Chiavetta, Secretary

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December 12, 2023

020/DJW/tjl

1212-1-djw

cc: Parties of Record

Mark J. Chappell, P.E., Chief, Right-of-Way, Utilities & Grade Crossing Section, 7<sup>th</sup> Floor, CKB

Karen L. Cummings, Office of Chief Counsel, 9<sup>th</sup> Floor, CKB

William Sinick, P.E., Supervisor, Rail Safety Engineering Section, PUC, 3<sup>rd</sup> Floor, CKB

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CROSSING LOCATION MAP



AERIAL VIEW OF CROSSING

REVISIONS

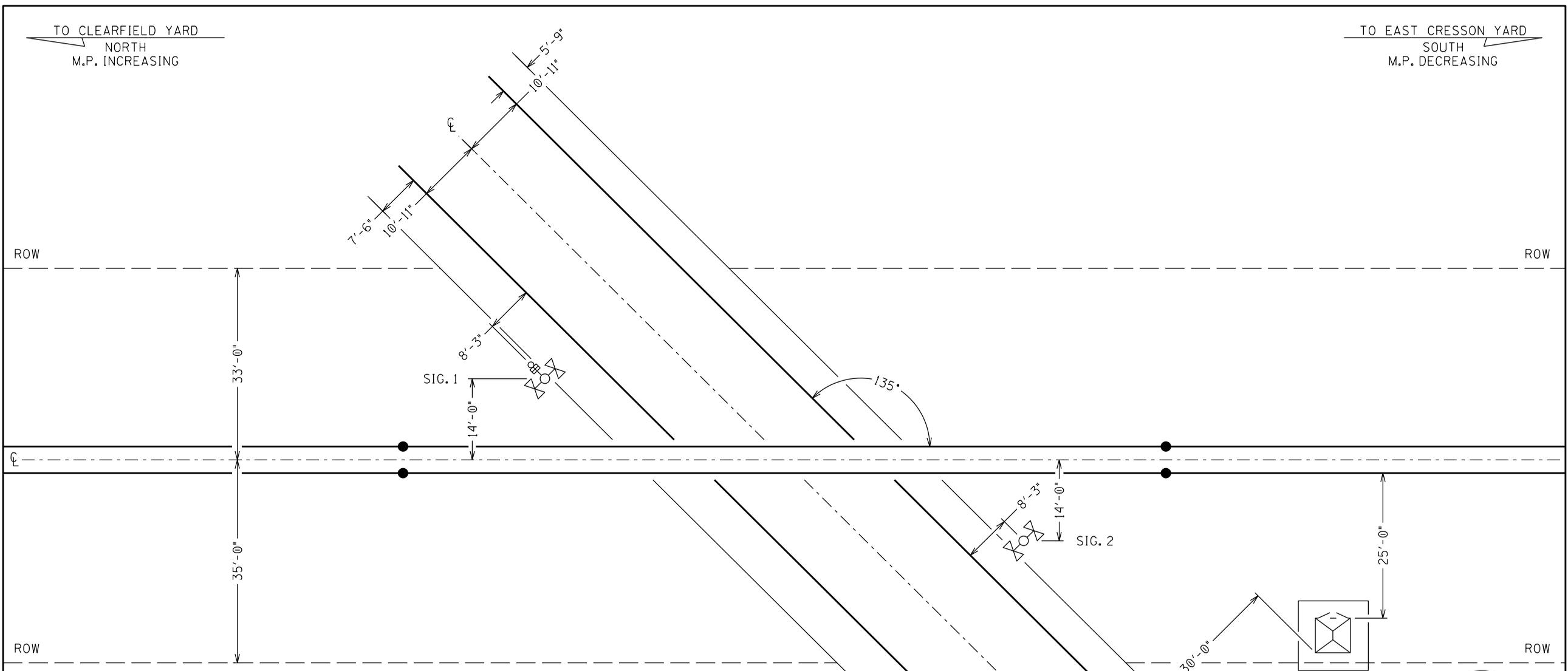
1	10-31-23	MRM	RJC	MGH
NEW XING AT SR 36 MS4000				
PROJECT: 23SX-RJCPASR36				
IN SERVICE: 00-00-00				
PER: XX			RJC	SCC

INDEX SHEET

	<b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small>		
	DESIGNED BY: MRM DIGITIZED BY: RJC CHECKED BY: MGH REV 01	SR 36 WESTOVER, PA M.P. 029.17 D.O.T. 506-101M CRESSON SUBDIVISION	

TO CLEARFIELD YARD  
NORTH  
M.P. INCREASING

TO EAST CRESSON YARD  
SOUTH  
M.P. DECREASING



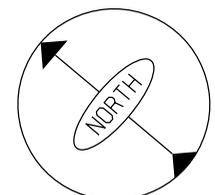
NOTES:

1. MAX. TRAIN SPEED 25 M.P.H.
2. LATITUDE N 40°45'38.5" LONGITUDE W 78°40'29.2" ELEVATION 1345'
3. SIGNAL 1 TO HAVE BELL.
4. LOCATE U/G UTILITIES & CABLE BEFORE DIGGING.
5. CROSSING LOCATED IN CLEARFIELD COUNTY.
6. NEAREST STREET ADDRESS IS 679 MAIN ST
7. NEAREST INTERSECTING STREET IS SHADY OAK LN
8. DISTANCE TO NEAREST INTERSECTING STREET IS 575 FT.

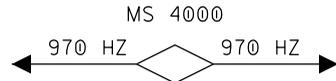
SR 36  
#465 812R

AC SERVICE

SCALE 1" = 20'  
TRACK PLAN



 <b>RJ Corman Railroad</b> 		
<small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small>		
DESIGNED BY: MRM DIGITIZED BY: RJC CHECKED BY: MGH REV 01	SR 36 WESTOVER, PA M.P. 029.17 D.O.T. 506-101M CRESSON SUBDIVISION	DATE: 10/31/23 FILE: CR02917.01 SHEET 01



1285'  
TO NEAREST  
GCP WIRES

1285'  
TO NEAREST  
GCP WIRES

FLS  
W/BELL

FLS

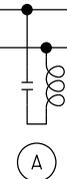
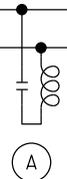
10.0 KHZ

T1

R1

T2

R2



66'  
TO G

0'  
G

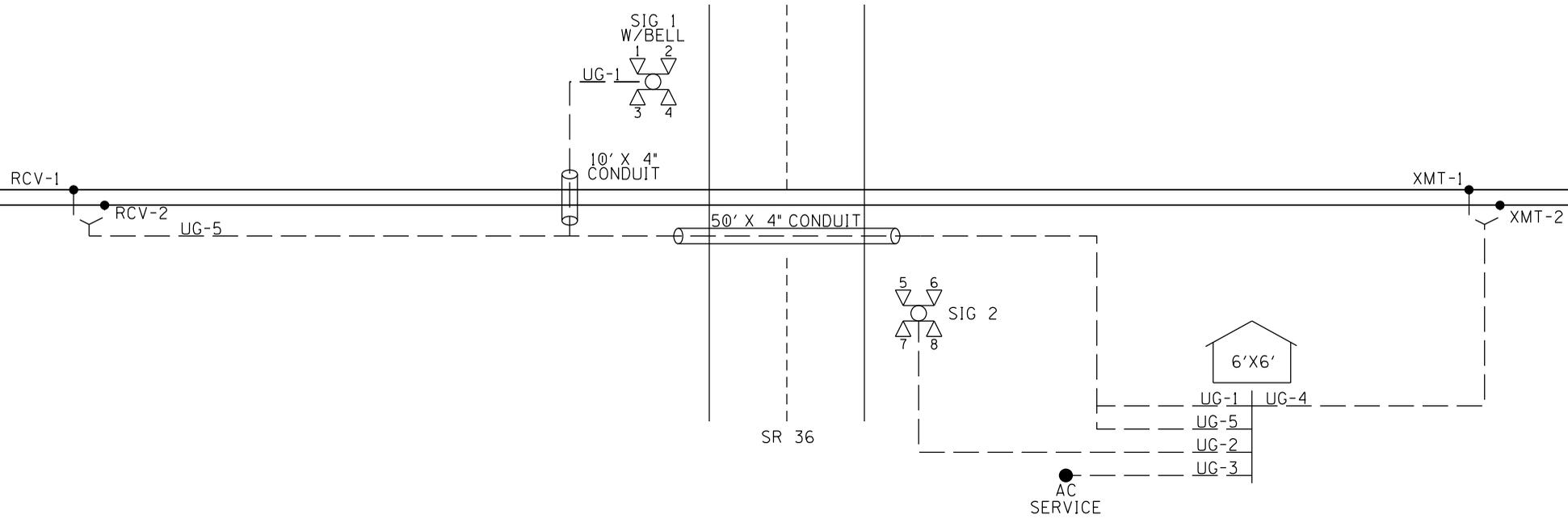
66'  
TO G

APPROACH CALCULATION INFORMATION	
STANDARD MINIMUM WARNING TIME IN SECONDS	30
ROADWAY GATE TIME IN SECONDS	00
CLEARANCE TIME IN SECONDS	00
DOT TRAFFIC LIGHT SIMULTANEOUS PREEMPT IN SECS	00
<b>DESIGNED WARNING TIME FOR TRAINS AT T.T. SPEED</b>	<b>30</b>
DOT TRAFFIC LIGHT ADVANCE PREEMPT IN SECS	00
CONTROL EQUIPMENT REACTION TIME IN SECONDS	05
<b>DESIGNED DETECTION TIME FOR TRAINS AT T.T. SPEED</b>	<b>35</b>
<b>TIME TABLE MAXIMUM TRAIN SPEED IN MILE PER HOUR</b>	<b>25</b>
BUFFER IN MILE PER HOUR	00
<b>APPROACH SPEED FR CROSSING CALCULATION (AS)</b>	<b>25</b>
<b>APPROACH DISTANCE FORMULA: TT×AS×1.467</b>	<b>1.467</b>
<b>APPROACH DISTANCE TO ISLAND EDGE IN FEET</b>	<b>1285'</b>

(A) — NSB-1 62664-0970 (970HZ)

PROFILE

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small>		
DESIGNED BY: MRM DIGITIZED BY: RJC CHECKED BY: MGH REV 01	SR 36 WESTOVER, PA M.P. 029.17 D.O.T. 506-101M CRESSON SUBDIVISION	DATE: 10/31/23 FILE: CR02917.02 SHEET 02



UG-1-19C COMP (6C#6, 13C#14)	UG-2-19C COMP (6C#6, 13C#14)	UG-3-3CUG #2 W/#6 GND
1-L2 1-L1 1-COM 1-XB12 1-XN12 SPARE 1	2-L2 2-L1 2-COM 2-XB12 2-XN12 SPARE 1	L1 L2 NEUTRAL GND
1-GC 1-BELL GP2 1-BX110 1-NX110 SPARE 1 SPARE 2 SPARE 3 SPARE 4 SPARE 5 SPARE 6 SPARE 7 SPARE 8	2-GC 2-BELL GP1 2-BX110 2-NX110 SPARE 1 SPARE 2 SPARE 3 SPARE 4 SPARE 5 SPARE 6 SPARE 7	UG-4-TW. PR. #6 RCV-1 RCV-2
		UG-5-TW. PR. #6 XMT-1 XMT-2

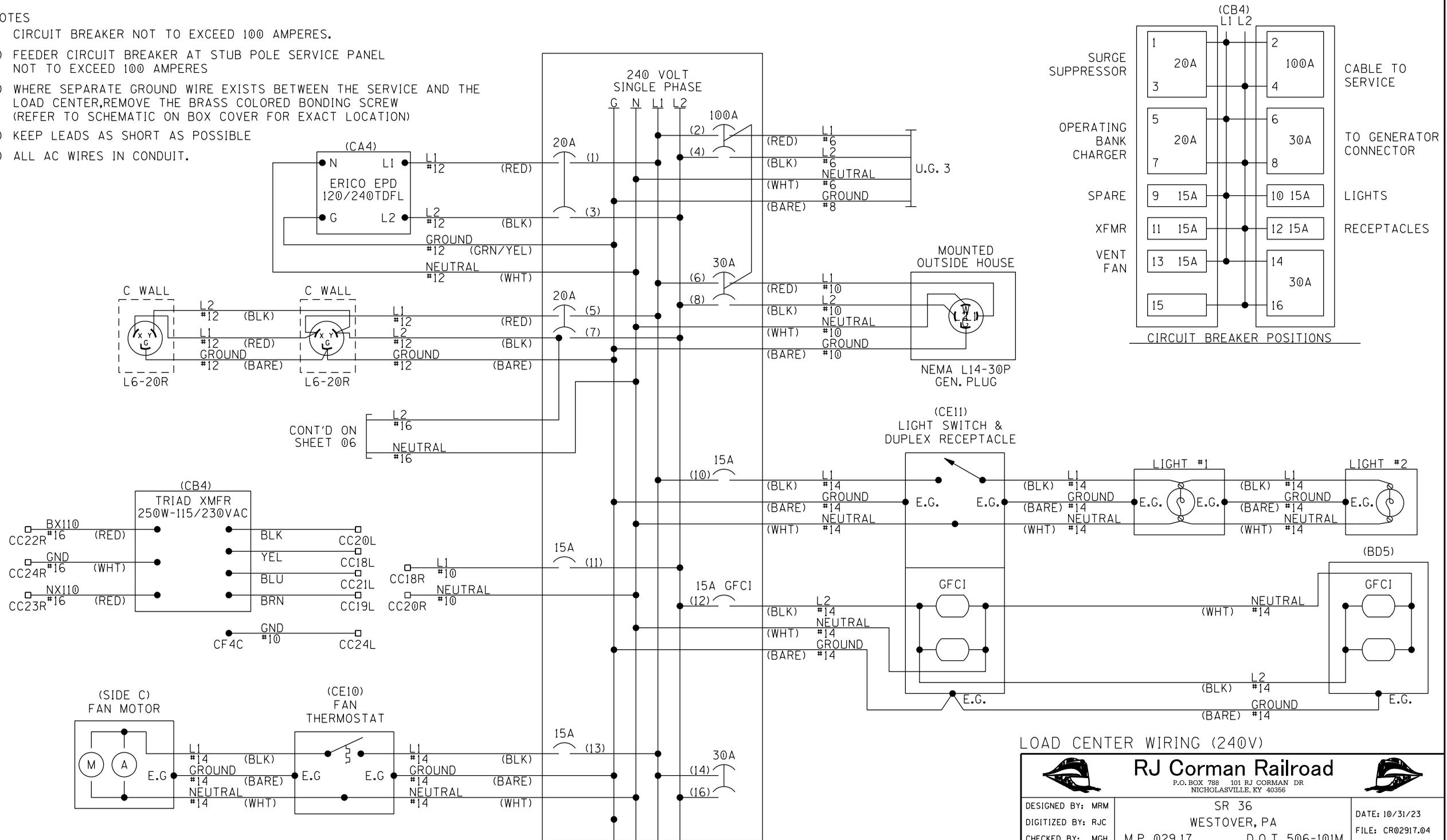
NOTE:  
FOR FUTURE GATES

TRACK LAYOUT

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small>		
DESIGNED BY: MRM DIGITIZED BY: RJC CHECKED BY: MGH REV 01	SR 36 WESTOVER, PA M.P. 029.17 D.O.T. 506-101M CRESSON SUBDIVISION	DATE: 10/31/23 FILE: CR02917.03 SHEET 03

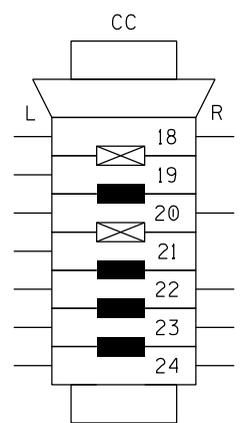
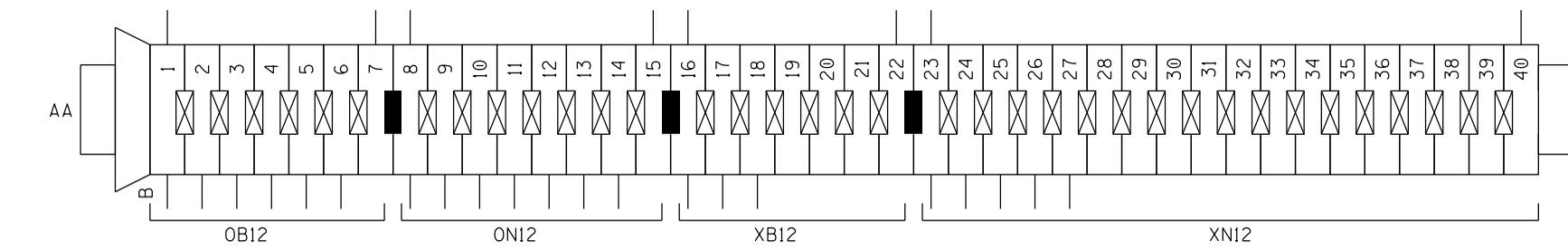
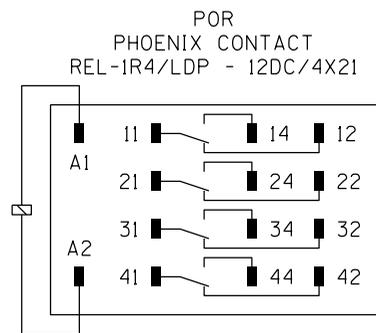
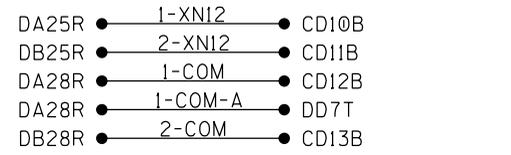
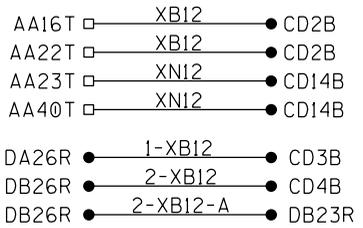
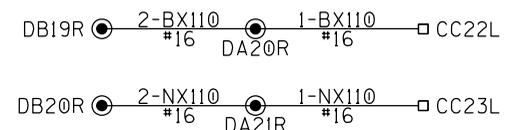
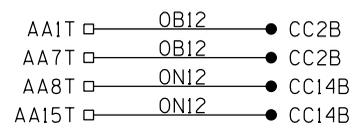
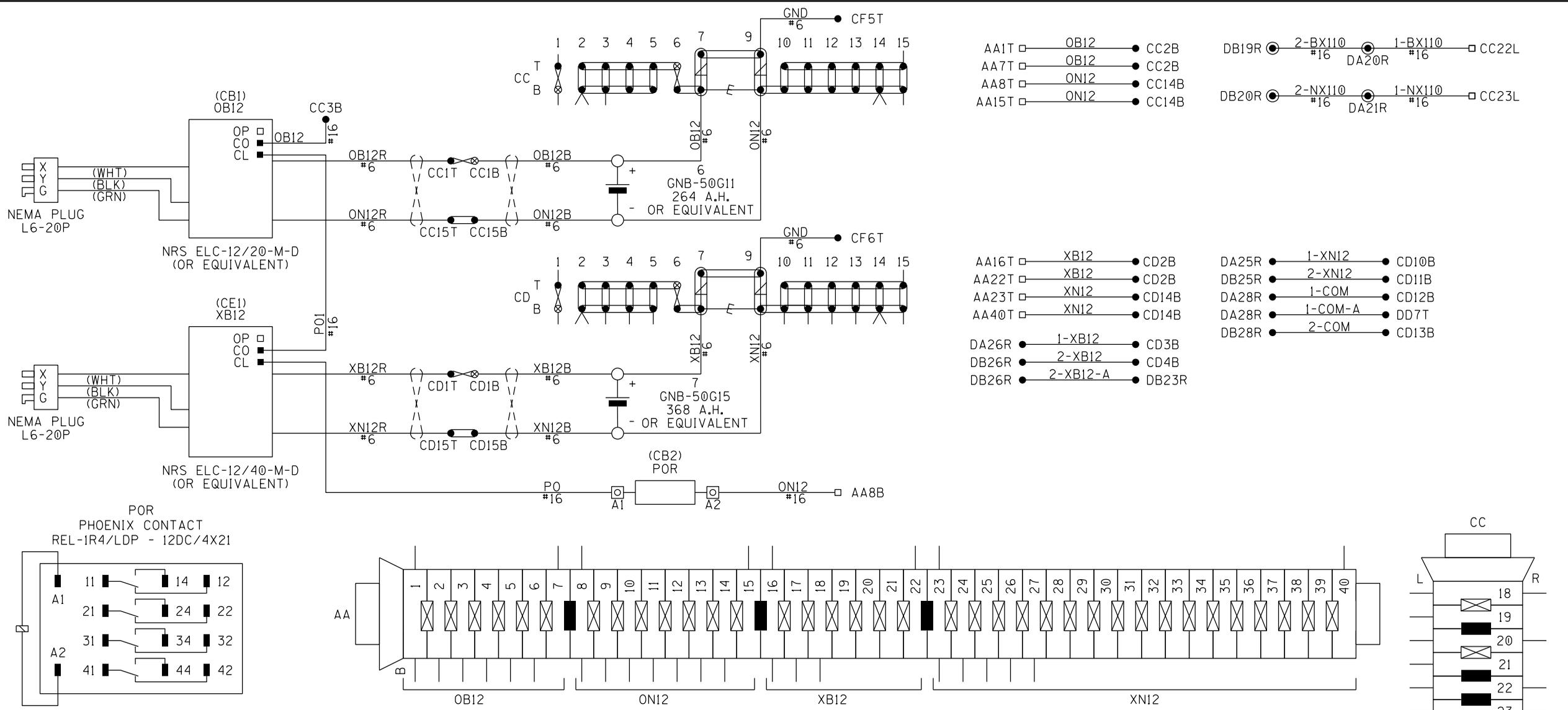
NOTES

- 1) CIRCUIT BREAKER NOT TO EXCEED 100 AMPERES.
- 2) FEEDER CIRCUIT BREAKER AT STUB POLE SERVICE PANEL NOT TO EXCEED 100 AMPERES
- 3) WHERE SEPARATE GROUND WIRE EXISTS BETWEEN THE SERVICE AND THE LOAD CENTER, REMOVE THE BRASS COLORED BONDING SCREW (REFER TO SCHEMATIC ON BOX COVER FOR EXACT LOCATION)
- 4) KEEP LEADS AS SHORT AS POSSIBLE
- 5) ALL AC WIRES IN CONDUIT.



LOAD CENTER WIRING (240V)

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small> 		
DESIGNED BY: MRM	SR 36	DATE: 10/31/23
DIGITIZED BY: RJC	WESTOVER, PA	FILE: CR02917.04
CHECKED BY: MGH	M.P. 029.17 D.O.T. 506-101M	SHEET 04
REV 01	CRESSON SUBDIVISION	



NOTES:  
 ALL WIRING TO BE #10AWG UNLESS NOTED OTHERWISE.  
 ● = 2-3/8" BLOCK  
 ⊗ = 1 INCH TEST LINK  
 < > = TWIST ⊗ = TEST NUT  
 ● = INSULATED NUT  
 = Heavy Duty Equalizer  
 Clearview  
 = Lightning Arrester

# WAGO TERMINAL 2 COND. 24-10AWG (WAGO 282-601)  
 ⊗ DENOTES WAGO JUMPER WAGO 282-402  
 ■ DENOTES WAGO SEPARATOR WAGO 282-337  
 DENOTES WAGO END PLATE WAGO 282-317  
 DENOTES WAGO END STOP WAGO 249-117

TYPICAL CELL TYPES		
CELL TYPE	AMP HOUR	VOLTAGE PER CELL
6 LA	250 MIN.	2.22V
7 LA	360 MIN.	2.22V
10 NI-CD	250 MIN.	1.43V
12 NI-CD	360 MIN.	1.43V

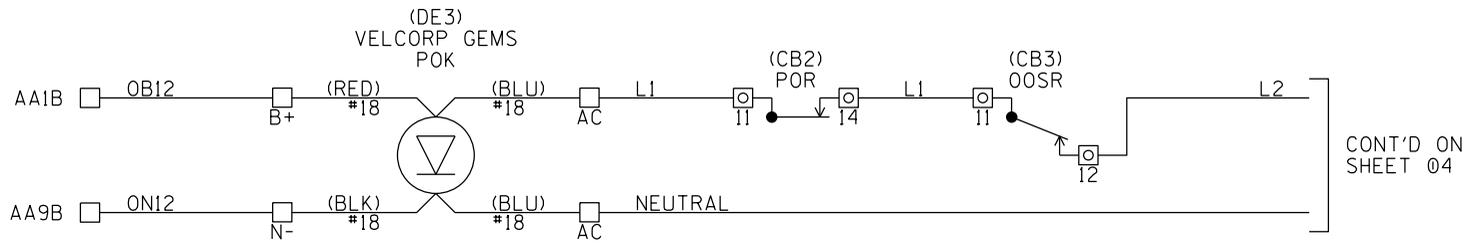
DC POWER

**RJ Corman Railroad**  
 P.O. BOX 788 101 RJ CORMAN DR  
 NICHOLASVILLE, KY 40356

DESIGNED BY: MRM  
 DIGITIZED BY: RJC  
 CHECKED BY: MGH  
 REV 01

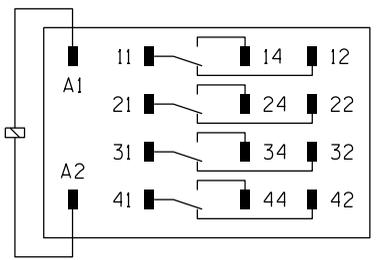
SR 36  
 WESTOVER, PA  
 M.P. 029.17 D.O.T. 506-101M  
 CRESSON SUBDIVISION

DATE: 10/31/23  
 FILE: CR02917.05  
 SHEET 05

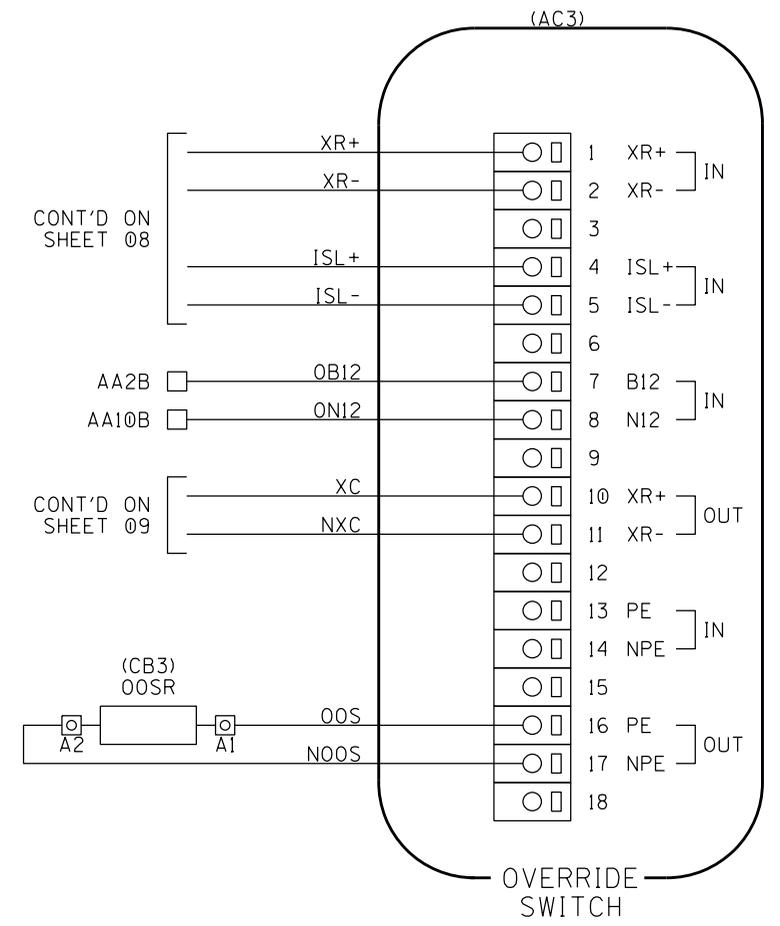


CONT'D ON SHEET 04

OOSR  
PHOENIX CONTACT  
REL-1R4/LDP - 12DC/4X21



NOTES:  
1. ALL WIRING TO BE #16AWG  
UNLESS NOTED OTHERWISE.



AC3  
OVERRIDE SWITCH

PO LIGHT CIRCUIT

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small> 		
DESIGNED BY: MRM DIGITIZED BY: RJC CHECKED BY: MGH REV 01	SR 36 WESTOVER, PA M.P. 029.17 D.O.T. 506-101M CRESSON SUBDIVISION	DATE: 10/31/23 FILE: CR02917.06 SHEET 06

MAIN PROGRAM MENU

**	PARAMETER	VALUE
1	TEMPLATE	↓ MTF-MS MOTION SENSOR
1A	SET TEMPLATE DEFAULTS	(YES ON INITIAL SETUP)
MS 4000 CONFIGURATION		
2	APPR FREQUENCY	↓ 970 HZ
3	APPR TRANSMIT LEVEL	# ☆ HIGH
4	UNI/BI/SEM-BIDIRNL	↓ BIDIRNL
5	DIRECTIONALLY WIRED	↓ ☆ NO
6	MS PICKUP DELAY	↓ ☆ 15 SEC
7	UAX USED	↓ NO
7A	* PRIME UAX PICKUP	↓ ☆ 5 SEC
8	ISLAND USED	↓ ☆ INTERNAL
8A	* ISL FREQUENCY	↓ 10.0 KHZ
8B	* ISL PICKUP DELAY	↓ (2s+) 3 SECONDS
9	IN 1.1	↓ NOT USED
10	IN 1.2	↓ NOT USED
11	PRIME MS/GCP MODE	↓ PRED
11A	* PRIME WARNING TIME	↓ 35 SEC
ADVANCED		
12	POSITIVE START	↓ ☆ OFF
13	SUDDEN SHUNT DET USED	↓ ☆ NO
14	LOW EZ DET USED	↓ ☆ NO
15	MS SENSITIVITY LEVEL	# ☆ 36
16	COMPENSATION LEVEL	# ☆ 1300
17	LOW EX ADJUSTMENT	# ☆ 39
18	INBOUND PS SENSITIVITY	# ☆ HIGH
19	SPEED LIMITING USED	# ☆ YES
20	OUTBOUND FALSE ACT LVL	# ☆ NORMAL
OTHER		
21	OOS TIMEOUT	# ☆ 1 HRS
22	DAYLIGHT SAVINGS TIME	# ☆ ON
23	EZ/EX LOGGING	# ☆ CHANGE
24	EZ/EX POINT CHANGE	# ☆ 3
25	ATCS SITE ID	↓ ☆ 762010010016

CONTINUE MAIN PROGRAM MENU

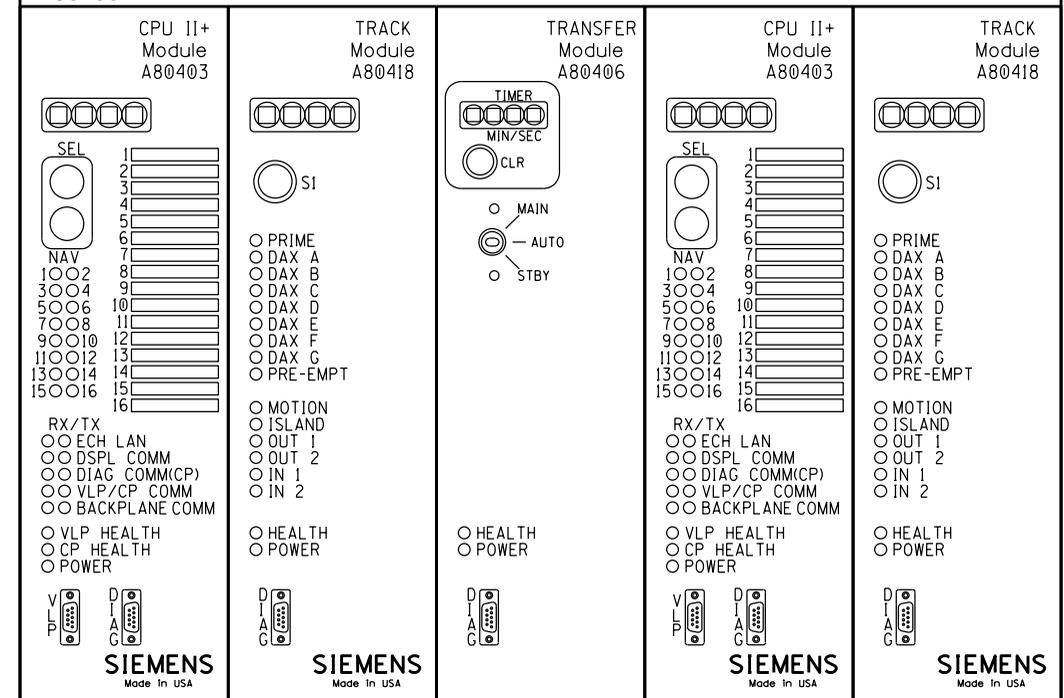
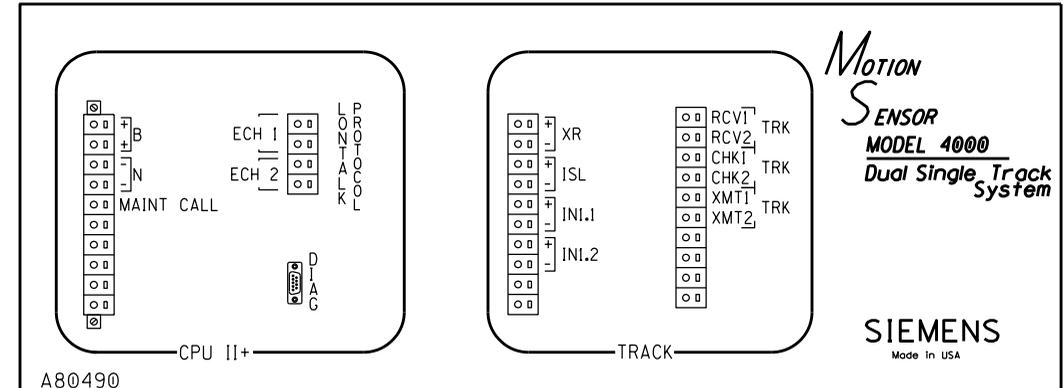
**	PARAMETER	VALUE
26	LOCATION	
26A	* DOT NUMBER	# 506 101M
26B	* MILE POST	# 29.17
26C	* SITE NAME	# SR 36

MCF AND OCCN

MCF NAME	GCP-T6X-02-9.mcf
OCCN	6E7DA199

NOTES:

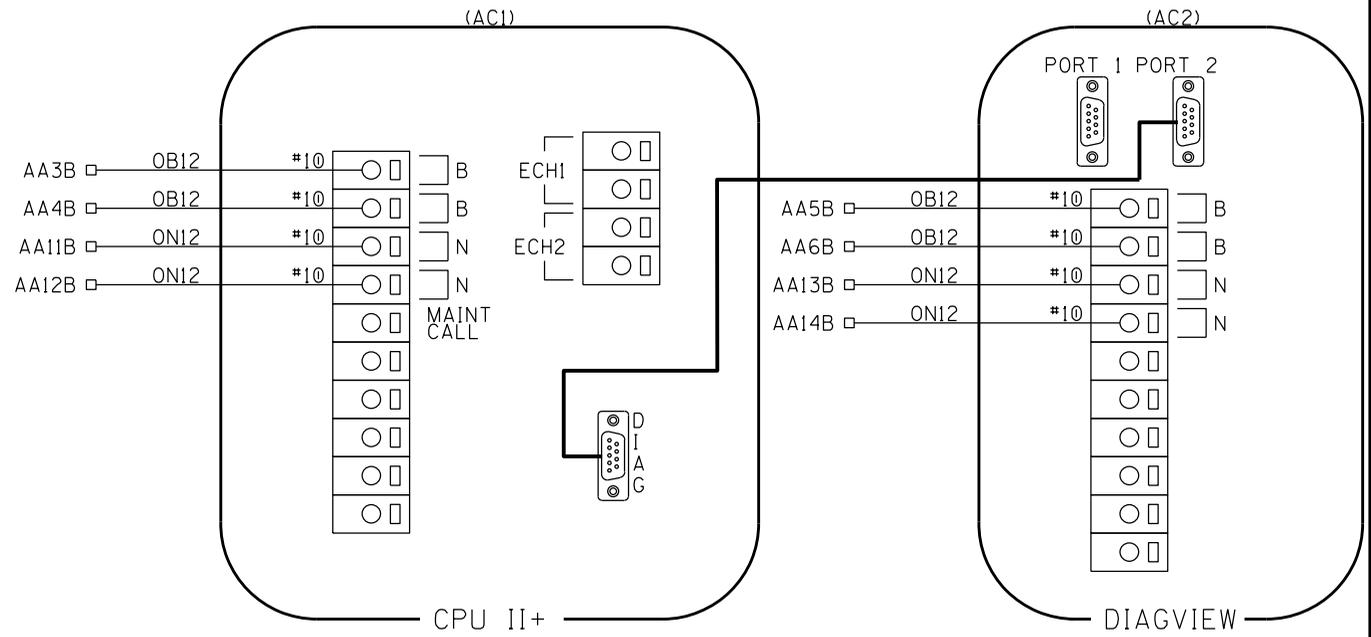
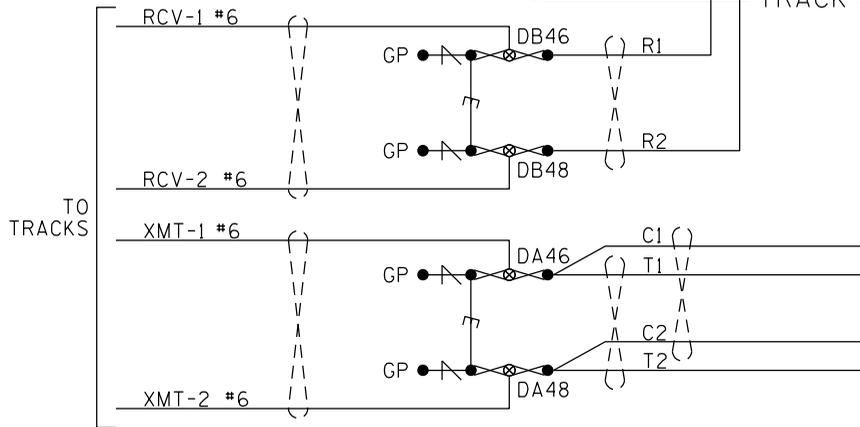
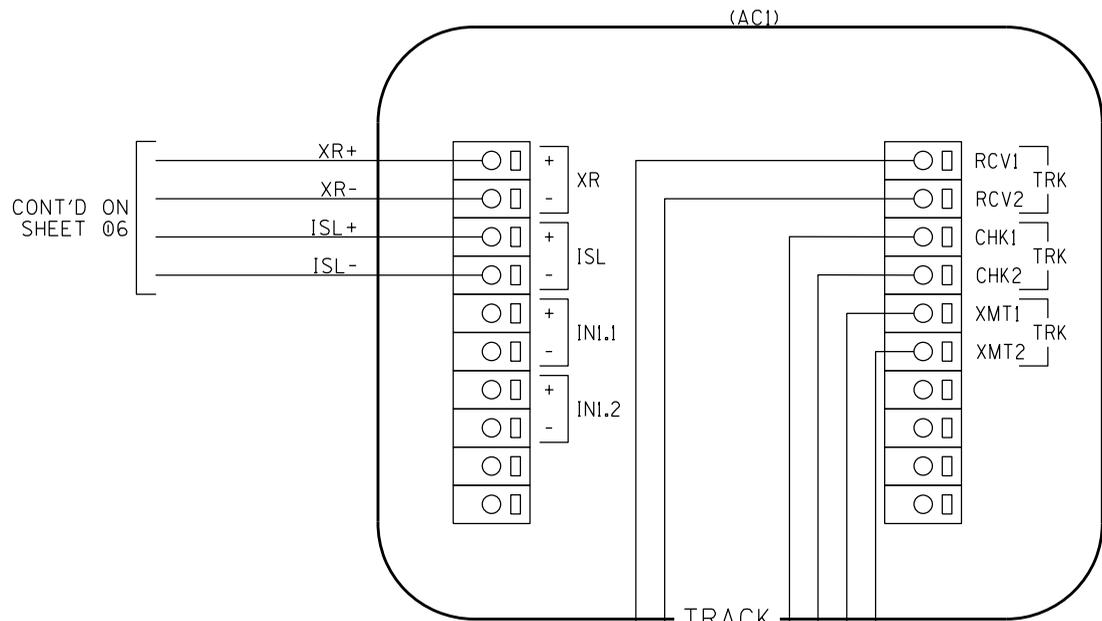
1. \* AVAILABLE WHEN PRIOR PARAMETER SELECTED
2. # SET BY FIELD AS REQUIRED
3. ☆ DEFAULT SETTING
4. ↓ IMPACTS OCCN
5. \*\* STEP SEQUENCE WHEN USING DIAGNOSTIC TERMINAL (DT) VER. 5.7.3 TO SET PROGRAM PARAMETERS. ALPHA NUMERIC STEPS ARE SUB MENUS OF PREVIOUS STEP.



(AC1)

MS 4000 GCP

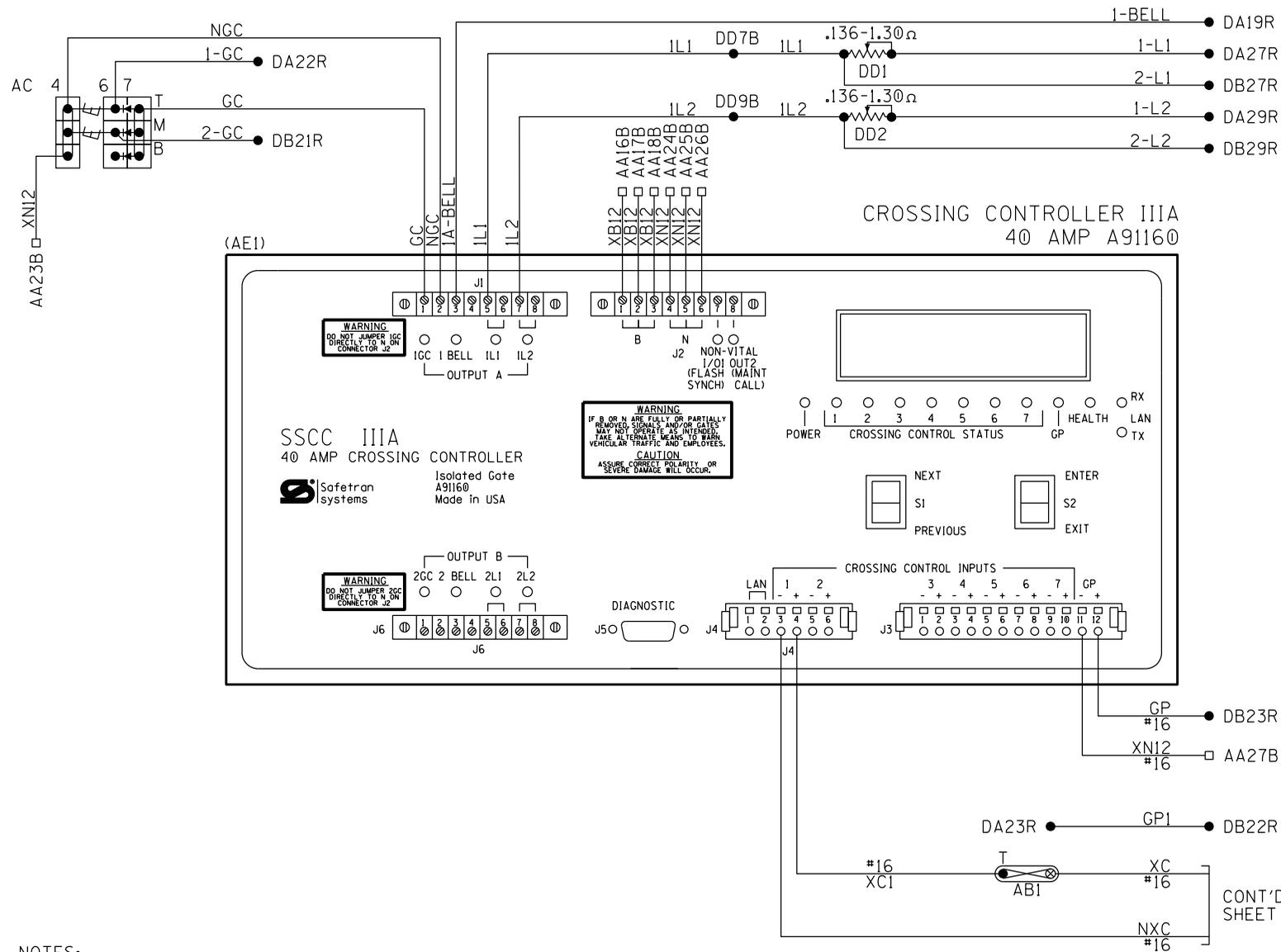
 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small> 		
DESIGNED BY: MRM	SR 36	DATE: 10/31/23
DIGITIZED BY: RJC	WESTOVER, PA	FILE: CR02917.07
CHECKED BY: MGH	M.P. 029.17 D.O.T. 506-101M	SHEET 07
REV 01	CRESSON SUBDIVISION	



- NOTES:  
 ALL WIRING TO BE #16AWG UNLESS NOTED OTHERWISE.
- = 2-3/8" BLOCK
  - = Heavy Duty Equalizer
  - = TEST LINK
  - = TEST NUT
  - = Lightning Arrester
  - = TWIST

TRACK CONNECTIONS

<b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small>		
DESIGNED BY: MRM	SR 36	DATE: 10/31/23
DIGITIZED BY: RJC	WESTOVER, PA	FILE: CR02917.08
CHECKED BY: MGH	M.P. 029.17 D.O.T. 506-101M	SHEET 08
REV 01	CRESSON SUBDIVISION	



NOTES:

ALL WIRING TO BE #10AWG UNLESS NOTED OTHERWISE.

● = 2-3/8" BLOCK

⊗ = TEST LINK

⊗ = TEST NUT

□ = 1X12 BLOCKS

— = Heavy Duty Equalizer

— = RECTIFIER, SAFETRAN PART# 8002A299006

MCF PART NUMBER	MCF NAME	MCF CRC
9V610-A001F	BASIC.MCF	1D240612

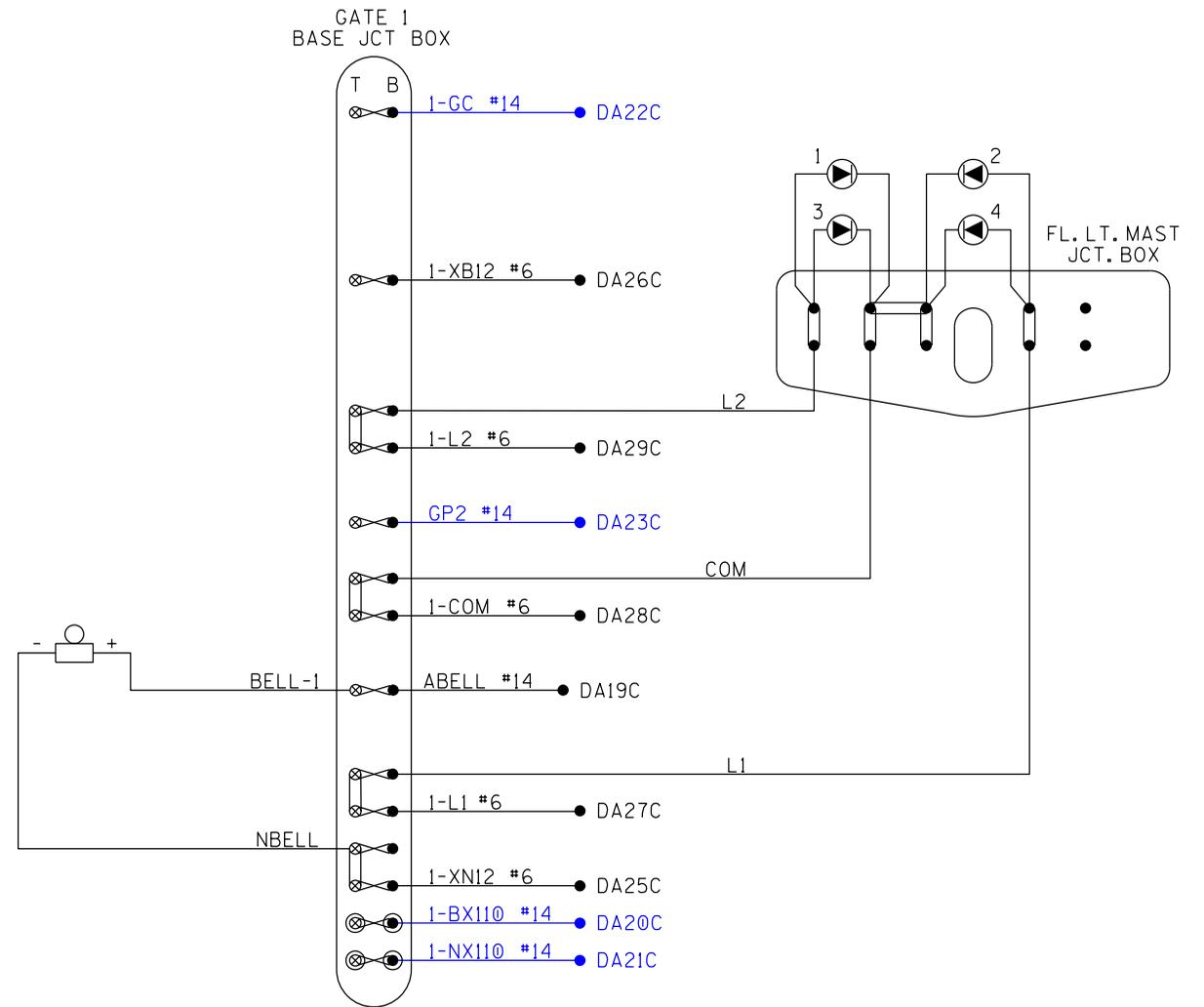
PROGRAM		
SUBMENU	NOTES	SETTINGS
FLASH RATE:	30-70 FLASH/MIN DEF.=50	50
GATES USED:	YES/NO DEF.=YES	YES
IGC DELAY:	3-20 SEC. DEF.=4	4 SEC.
GATE RISING BELL:	ON/OFF DEF.=ON	OFF
MIN ACTIVATE TMR:	0-60 SEC. DEF.=0	20 SEC.
ENABLED INPUTS:	1 THRU 1 TO 7 DEF.=1 THRU 7	1 THRU 1
TIME:	24 HOUR FORMAT	
DATE:	YYYY MMM DD	
DAYLIGHT SAVING:	ENABLED/DISABLED DEF.=DISABLED	ENABLED
PASSWORD:	ENABLED/DISABLED DEF.=DISABLED	DISABLED

CONFIGURE		
SUBMENU	NOTES	SETTINGS
LOS TIMERS:	0-20 SEC. INPUTS 1-7 DEF.=0	INPUT 1: 5
		INPUT 2: 0
		INPUT 3: 0
		INPUT 4: 0
		INPUT 5: 0
		INPUT 6: 0
		INPUT 7: 0
ATCS ADDRESS:	DEF.=700000000000	700000000000
LOW BATTERY:	9.0-15.0 VOLTS OR DISABLED DEF.=DISABLED	9.0 VOLTS
AUX I/O:	NONVITAL OUTPUT, FLASH SYNC IN, FLASH SYNC OUT DEF.=NONVITAL OUTPUT	NONVITAL OUTPUT
DETECT LAMP NEUTRAL WIRE:	YES/NO DEF.=YES	NO

CONT'D ON SHEET 06

CROSSING CONTROLLER HOOK-UP

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small>		
DESIGNED BY: MRM	SR 36	DATE: 10/31/23
DIGITIZED BY: RJC	WESTOVER, PA	FILE: CR02917.09
CHECKED BY: MGH	M.P. 029.17 D.O.T. 506-101M	SHEET 09
REV 01	CRESSON SUBDIVISION	



NOTES:

1. ALL WIRING #10 AWG UNLESS NOTED OTHERWISE
  2. ADD JUMPERS IN GATE SHOWN IN BOLD.
  3. FOR FUTURE GATES
- = 1 INCH TEST LINK  
 = TEST NUT

FLASHER CIRCUITS SIGNAL 1



**RJ Corman Railroad**

P.O. BOX 788 101 RJ CORMAN DR  
NICHOLASVILLE, KY 40356

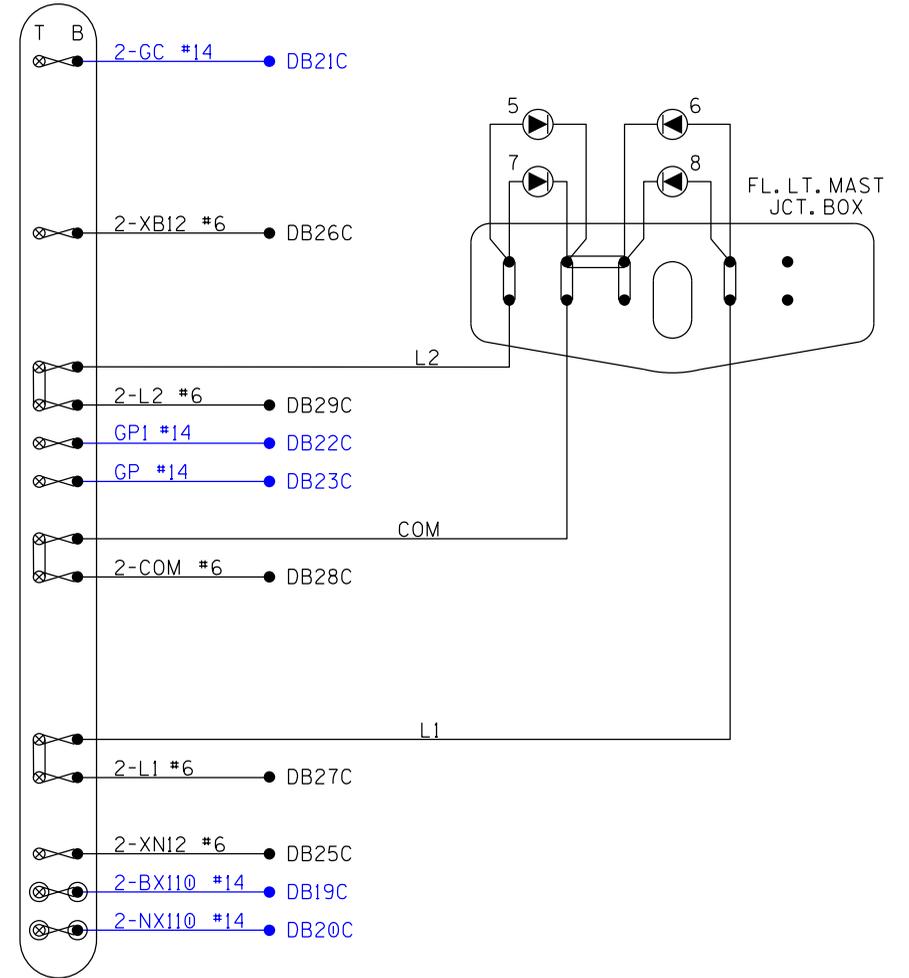


DESIGNED BY: MRM  
DIGITIZED BY: RJC  
CHECKED BY: MGH  
REV 01

SR 36  
WESTOVER, PA  
M.P. 029.17 D.O.T. 506-101M  
CRESSON SUBDIVISION

DATE: 10/31/23  
FILE: CR02917.10  
SHEET 10

GATE 2  
BASE JCT BOX

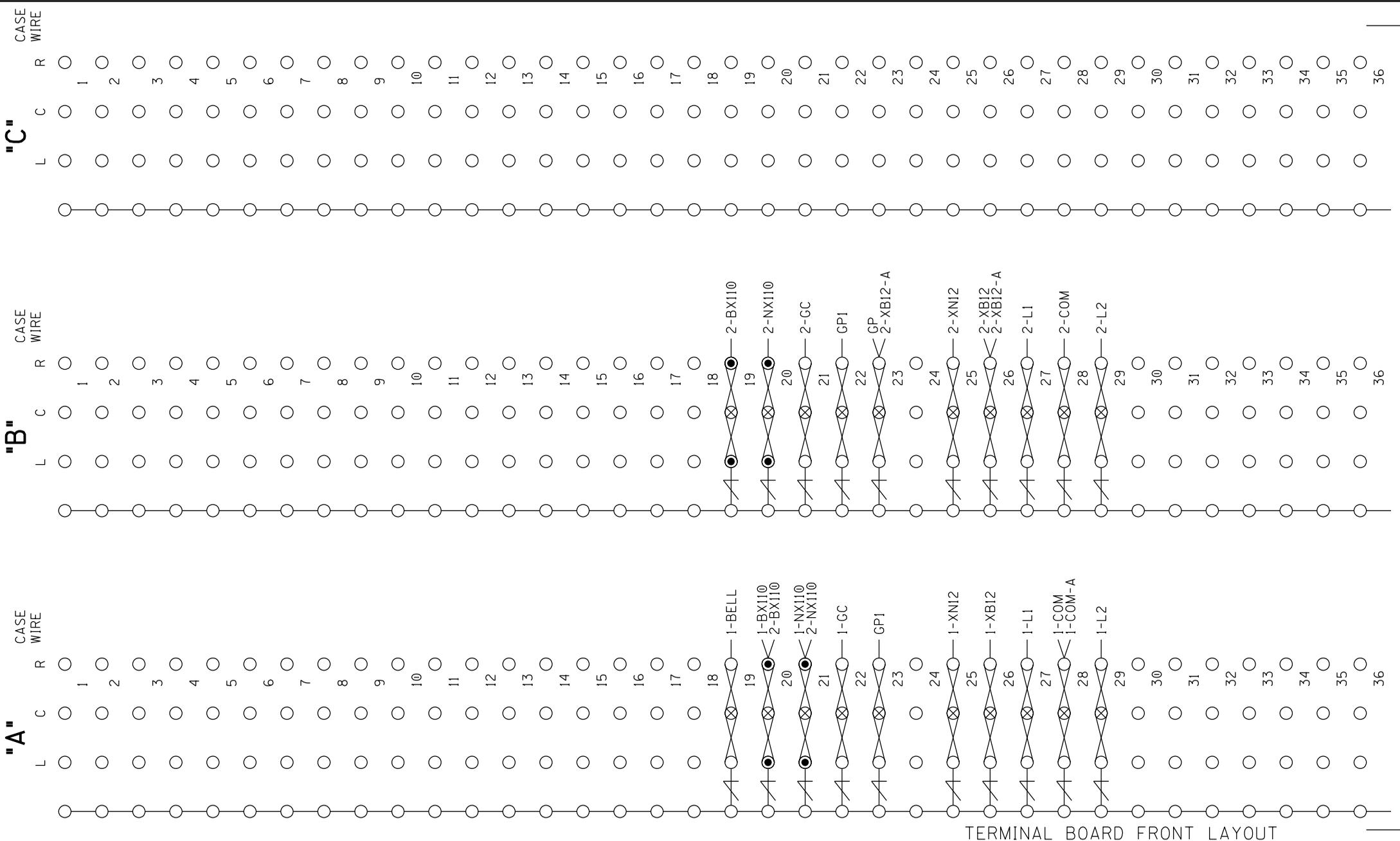
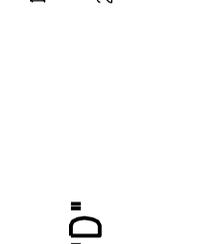
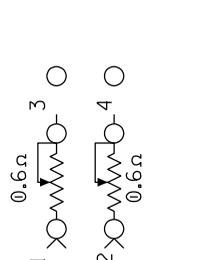
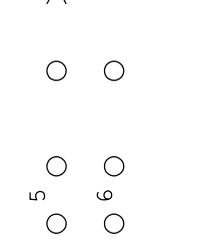
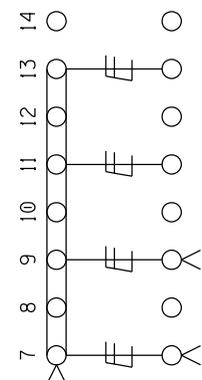


NOTES:

1. ALL WIRING #10 AWG UNLESS NOTED OTHERWISE
  2. ADD JUMPERS IN GATE SHOWN IN BOLD.
  3. FOR FUTURE GATES
- = 1 INCH TEST LINK  
 = TEST NUT

FLASHER CIRCUITS SIGNAL 2

	<b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small>	
DESIGNED BY: MRM	SR 36	DATE: 10/31/23
DIGITIZED BY: RJC	WESTOVER, PA	FILE: CR02917.11
CHECKED BY: MGH	M.P. 029.17 D.O.T. 506-101M	SHEET 11
REV 01	CRESSON SUBDIVISION	



NOTE:  
 Clearview  
 ⚡ = Lightning Arrester  
 FOR FUTURE GATES

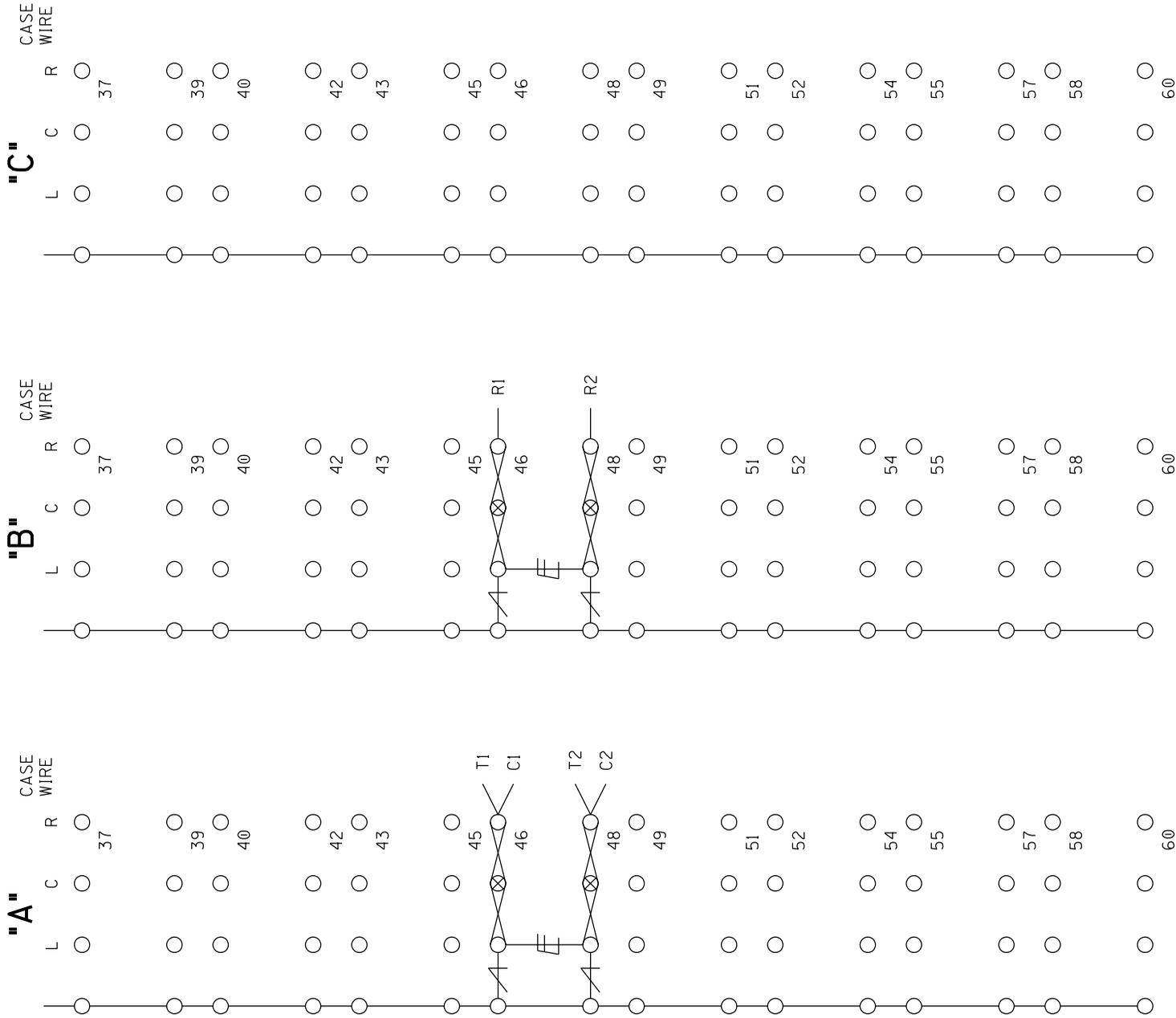
⊗ = TEST LINK  
 ⊗ = TEST NUT

TERMINAL BOARD FRONT LAYOUT

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR        NICHOLASVILLE, KY 40356</small>		
DESIGNED BY: MRM DIGITIZED BY: RJC CHECKED BY: MGH REV 01	SR 36 WESTOVER, PA M.P. 029.17 D.O.T. 506-101M CRESSON SUBDIVISION	DATE: 10/31/23 FILE: CR02917.12 SHEET 12

CONTINUED ON NEXT SHEET

CONTINUED ON PREVIOUS SHEET



NOTE:  
 = Heavy Duty Equalizer  
 = TEST LINK  
 = Lightning Arrester  
 = TEST NUT

TERMINAL BOARD FRONT LAYOUT



**RJ Corman Railroad**

P.O. BOX 788 101 RJ CORMAN DR  
 NICHOLASVILLE, KY 40356



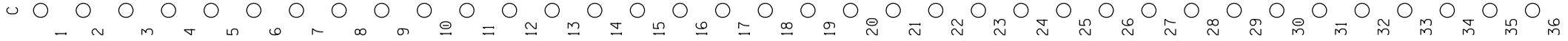
DESIGNED BY: MRM  
 DIGITIZED BY: RJC  
 CHECKED BY: MGH  
 REV 01

SR 36  
 WESTOVER, PA  
 M.P. 029.17 D.O.T. 506-101M  
 CRESSON SUBDIVISION

DATE: 10/31/23  
 FILE: CR02917.13  
 SHEET 13

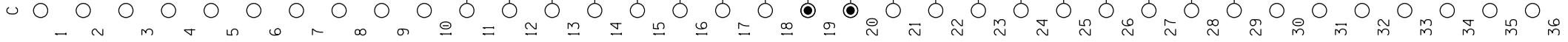
OUTSIDE  
CABLE

"C"



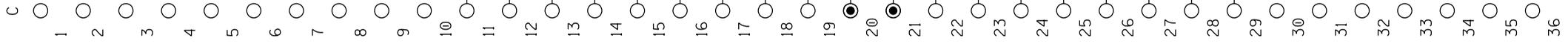
OUTSIDE  
CABLE

"B"



OUTSIDE  
CABLE

"A"



U.G. 1

U.G. 2

TERMINAL BOARD REAR LAYOUT



**RJ Corman Railroad**

P.O. BOX 788 101 RJ CORMAN DR  
NICHOLASVILLE, KY 40356



NOTE:  
FOR FUTURE GATES

DESIGNED BY: MRM  
DIGITIZED BY: RJC  
CHECKED BY: MGH  
REV 01

SR 36  
WESTOVER, PA  
M.P. 029.17 D.O.T. 506-101M  
CRESSON SUBDIVISION

DATE: 10/31/23  
FILE: CR02917.14  
SHEET 14

CONTINUED ON NEXT SHEET

CONTINUED ON PREVIOUS SHEET

OUTSIDE  
CABLE

"C"

C  
37

39  
40

42  
43

45  
46  
48  
49

51  
52

54  
55

57  
58

60

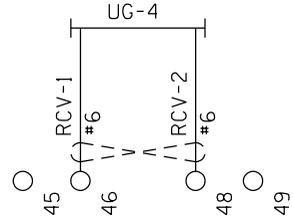
OUTSIDE  
CABLE

"B"

C  
37

39  
40

42  
43



51  
52

54  
55

57  
58

60

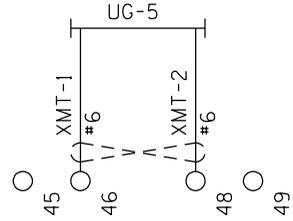
OUTSIDE  
CABLE

"A"

C  
37

39  
40

42  
43



51  
52

54  
55

57  
58

60

NOTE:

( ) x ( ) = TWIST

TERMINAL BOARD REAR LAYOUT



**RJ Corman Railroad**

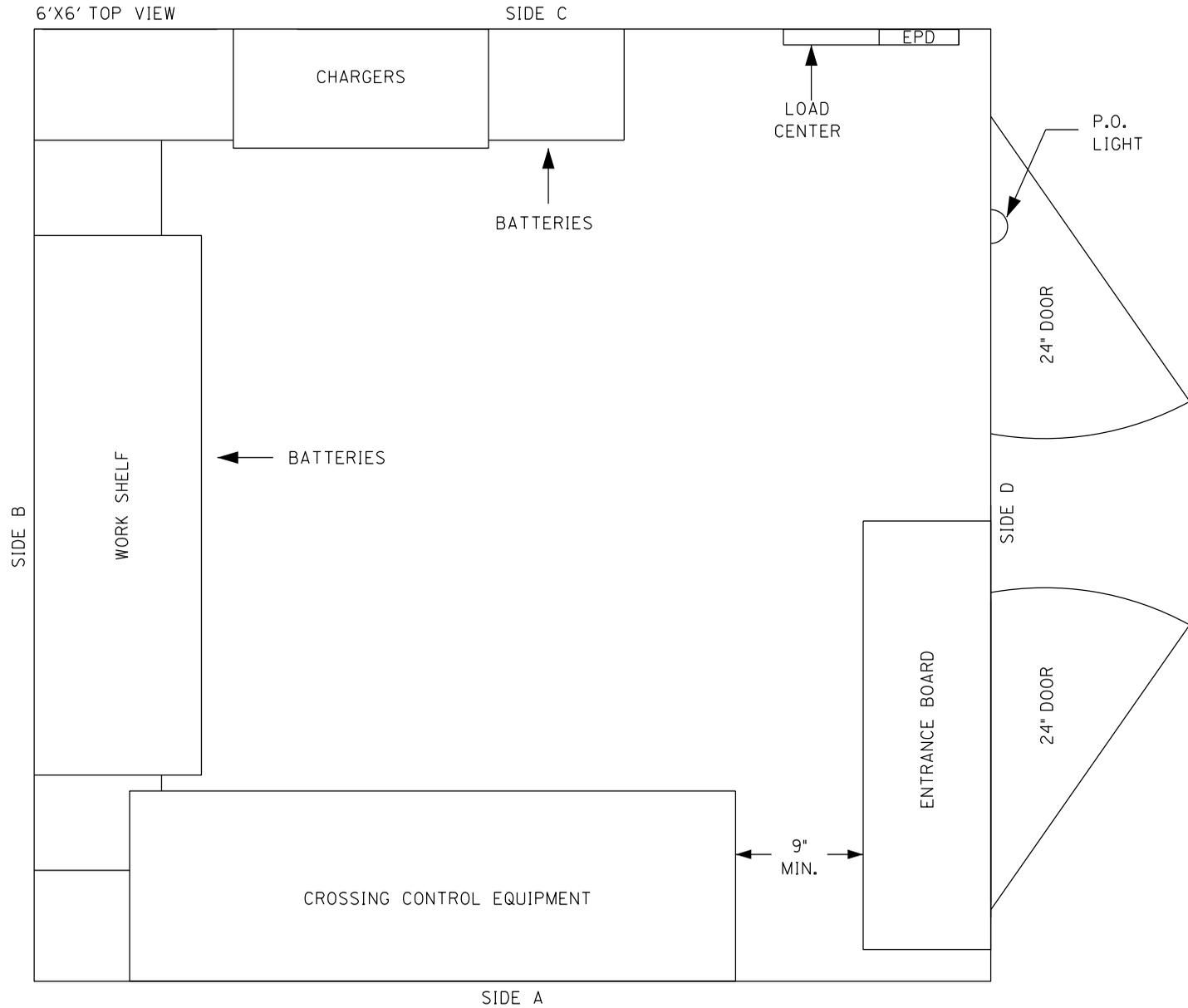
P.O. BOX 788 101 RJ CORMAN DR  
NICHOLASVILLE, KY 40356



DESIGNED BY: MRM  
DIGITIZED BY: RJC  
CHECKED BY: MGH  
REV 01

SR 36  
WESTOVER, PA  
M.P. 029.17 D.O.T. 506-101M  
CRESSON SUBDIVISION

DATE: 10/31/23  
FILE: CR02917.15  
SHEET 15

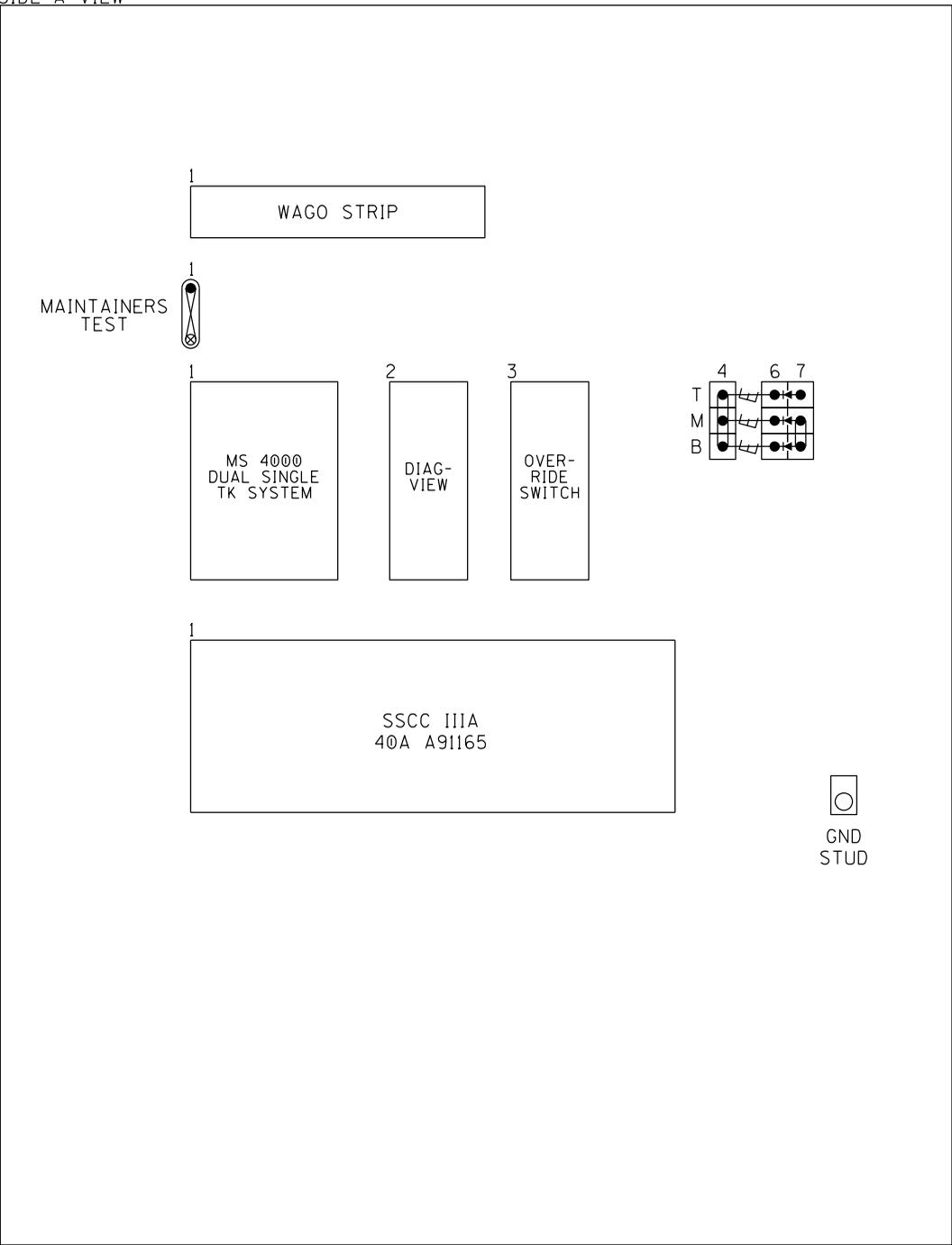


6'X6' SHELTER LAYOUT - TOP VIEW

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small>		
DESIGNED BY: MRM	SR 36	DATE: 10/31/23
DIGITIZED BY: RJC	WESTOVER, PA	FILE: CR02917.16
CHECKED BY: MGH	M.P. 029.17 D.O.T. 506-101M	SHEET 16
REV 01	CRESSON SUBDIVISION	

SIDE A VIEW

A  
B  
C  
D  
E



- NOTE:
- = TEST LINK
  - = TEST NUT
  - = 2-3/8" BLOCK

6' X 6' HOUSE - SIDE "A"

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small> 		
DESIGNED BY: MRM DIGITIZED BY: RJC CHECKED BY: MGH REV 01	SR 36 WESTOVER, PA M.P. 029.17 D.O.T. 506-101M CRESSON SUBDIVISION	DATE: 10/31/23 FILE: CR02917.17 SHEET 17

SIDE B VIEW

A

B

C

D



6' X 6' HOUSE - SIDE "B"



**RJ Corman Railroad**

P.O. BOX 788 101 RJ CORMAN DR  
NICHOLASVILLE, KY 40356

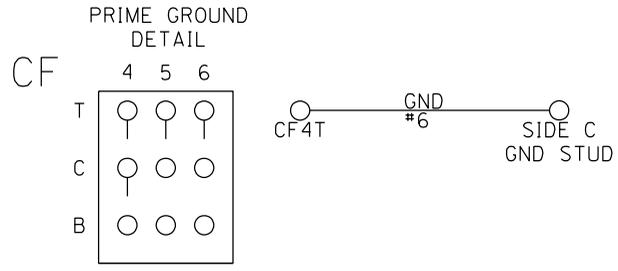
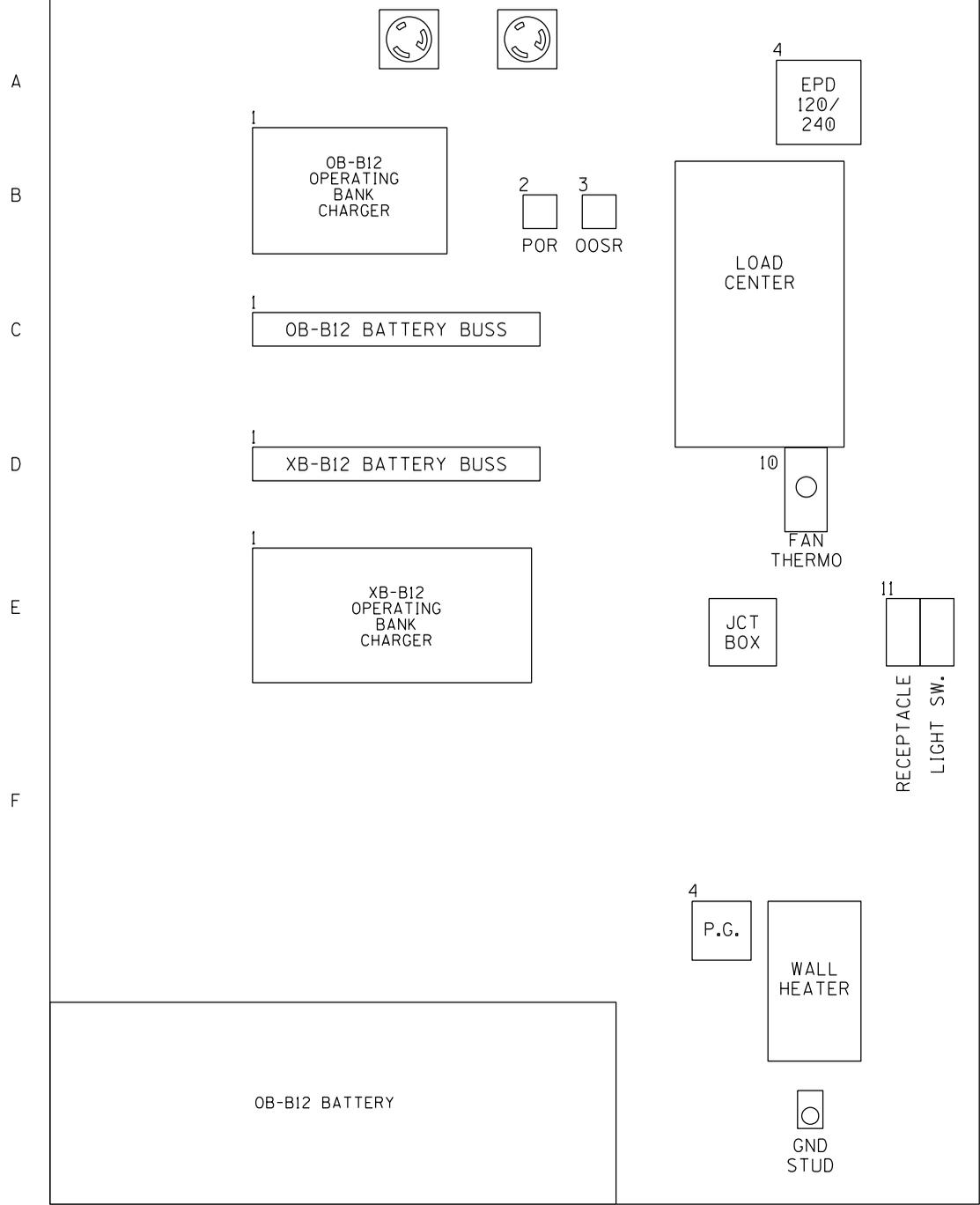


DESIGNED BY: MRM  
DIGITIZED BY: RJC  
CHECKED BY: MGH  
REV 01

SR 36  
WESTOVER, PA  
M.P. 029.17 D.O.T. 506-101M  
CRESSON SUBDIVISION

DATE: 10/31/23  
FILE: CR02917.18  
SHEET 18

SIDE C VIEW



6' X 6' HOUSE - SIDE "C"

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small> 		
DESIGNED BY: MRM DIGITIZED BY: RJC CHECKED BY: MGH REV 01	SR 36 WESTOVER, PA M.P. 029.17 D.O.T. 506-101M CRESSON SUBDIVISION	DATE: 10/31/23 FILE: CR02917.19 SHEET 19

SIDE D VIEW

E

1  
GEMS  
P.O.L.



DOOR

ENTRANCE BOARD

6' X 6' HOUSE - SIDE "D"



**RJ Corman Railroad**

P.O. BOX 788 101 RJ CORMAN DR  
NICHOLASVILLE, KY 40356



DESIGNED BY: MRM  
DIGITIZED BY: RJC  
CHECKED BY: MGH  
REV 01

SR 36  
WESTOVER, PA  
M.P. 029.17 D.O.T. 506-101M  
CRESSON SUBDIVISION

DATE: 10/31/23  
FILE: CR02917.20  
SHEET 20

SH. NO.	CONTENTS	REV
NX1	INDEX SHEET	1
1	TRACK PLAN	1
2	PROFILE	1
3	TRACK LAYOUT	1
4	LOAD CENTER WIRING	1
5	DC POWER	1
6	PO LIGHT CIRCUITS	1
7	MS 4000 GCP	1
8	TRACK CONNECTIONS	1
9	CROSSING CONTROLLER HOOK-UP	1
10	FLASHER CIRCUITS SIGNAL "A"	1
11	FLASHER CIRCUITS SIGNAL "B"	1
12	TERMINAL BOARD FRONT LAYOUT	1
13	TERMINAL BOARD FRONT LAYOUT	1
14	TERMINAL BOARD REAR LAYOUT	1
15	TERMINAL BOARD REAR LAYOUT	1
16	TOP VIEW	1
17	HOUSE SIDE A LAYOUT	1
18	HOUSE SIDE B LAYOUT	1
19	HOUSE SIDE C LAYOUT	1
20	HOUSE SIDE D LAYOUT	1



CROSSING LOCATION MAP



AERIAL VIEW OF CROSSING

REVISIONS

1	11-07-23	MRM	RJC	MGH
---	----------	-----	-----	-----

NEW XING AT SR 219  
MS4000

PROJECT:  
IN SERVICE:  
PER:

INDEX SHEET



**RJ Corman Railroad**

P.O. BOX 788 101 RJ CORMAN DR  
NICHOLASVILLE, KY 40356



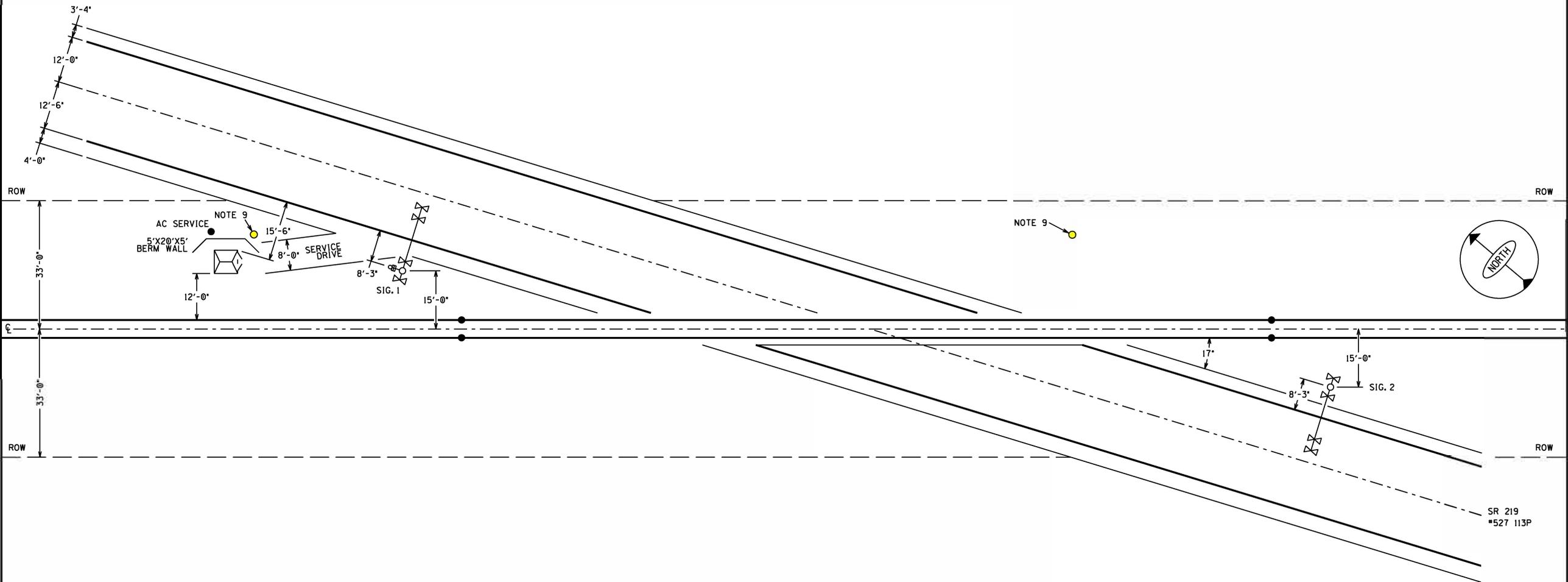
DESIGNED BY: MRM  
DIGITIZED BY: RJC  
CHECKED BY: MGH  
REV 01

SR 219  
MAHAFFEY, PA  
M.P. 022.20 D.O.T. 527-113P  
CHERRY TREE SUBDIVISION

DATE: 11/07/23  
FILE: CH02220.NXI  
SHEET NX1

TO BURNSIDE  
WEST  
M.P. INCREASING

TO MAHAFFEY  
EAST  
M.P. DECREASING



NOTES:

1. MAX. TRAIN SPEED 10 M.P.H.
2. LATITUDE N 40°52' 47.3" LONGITUDE W 78°45' 59.91" ELEVATION 1577'
3. SIGNAL "A" TO HAVE BELL.
4. LOCATE U/G UTILITIES & CABLE BEFORE DIGGING.
5. CROSSING LOCATED IN CLEARFIELD COUNTY.
6. NEAREST STREET ADDRESS IS  
12879 BURNSIDE MCGEE HWY
7. NEAREST INTERSECTING STREET IS  
COVERED BRIDGE RD
8. DISTANCE TO NEAREST INTERSECTING STREET IS 213 FT.
9. REMOVE RETIRED POLE LINE POLES

SCALE 1" = 30'  
TRACK PLAN

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small> 		
DESIGNED BY: MRM	SR 219	DATE: 11/07/23
DIGITIZED BY: RJC	MAHAFFEY, PA	FILE: CH02220.01
CHECKED BY: MGH	M.P. 022.20 D.O.T. 527-113P	SHEET 01
REV 01	CHERRY TREE SUBDIVISION	



1000'  
TO NEAREST  
GCP WIRES

1000'  
TO NEAREST  
GCP WIRES

CFLS  
W/BELL

CFLS

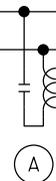
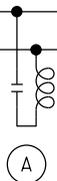
8.3 KHZ

T1

R1

T2

R2



105'  
TO G

0'  
G

105'  
TO G

APPROACH CALCULATION INFORMATION	
STANDARD MINIMUM WARNING TIME IN SECONDS	25
ROADWAY GATE TIME IN SECONDS	00
CLEARANCE TIME IN SECONDS	11
DOT TRAFFIC LIGHT SIMULTANEOUS PREEMPT IN SECS	00
<b>DESIGNED WARNING TIME FOR TRAINS AT T.T. SPEED</b>	<b>36</b>
DOT TRAFFIC LIGHT ADVANCE PREEMPT IN SECS	00
CONTROL EQUIPMENT REACTION TIME IN SECONDS	05
<b>DESIGNED DETECTION TIME FOR TRAINS AT T.T. SPEED</b>	<b>41</b>
<b>TIME TABLE MAXIMUM TRAIN SPEED IN MILE PER HOUR</b>	<b>10</b>
BUFFER IN MILE PER HOUR	05
<b>APPROACH SPEED FR CROSSING CALCULATION (AS)</b>	<b>15</b>
<b>APPROACH DISTANCE FORMULA: <math>TT \times AS \times 1.467</math></b>	<b>1.467</b>
<b>MIN. APPROACH DISTANCE TO ISLAND EDGE IN FEET</b>	<b>905'</b>

(A) - NSB-1 62775-3497 (645HZ)

PROFILE



**RJ Corman Railroad**

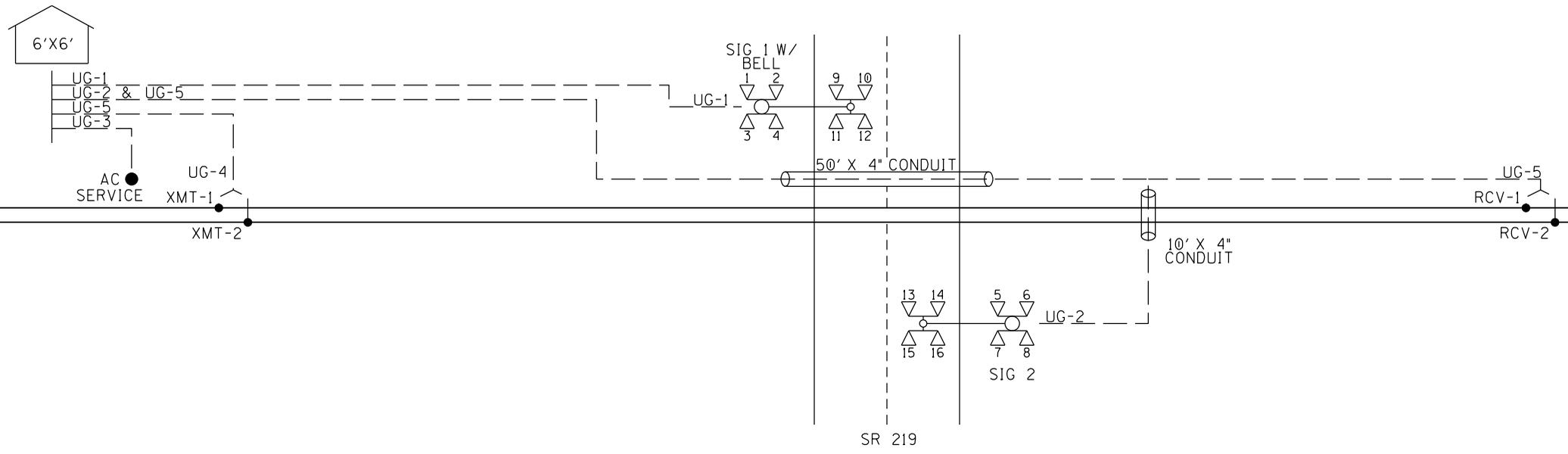
P.O. BOX 788 101 RJ CORMAN DR  
NICHOLASVILLE, KY 40356



DESIGNED BY: MRM  
DIGITIZED BY: RJC  
CHECKED BY: MGH  
REV 01

SR 219  
MAHAFFEY, PA  
M.P. 022.20 D.O.T. 527-113P  
CHERRY TREE SUBDIVISION

DATE: 11/07/23  
FILE: CH02220.02  
SHEET 02



- UG-1-19C COMP  
(6C#6, 13C#14)
- 1-L2
- 1-L1
- 1-COM
- 1-XB12
- 1-XN12
- SPARE 1
- 1-GC
- 1-BELL
- GP2
- 1-BX110
- 1-NX110
- SPARE 1
- SPARE 2
- SPARE 3
- SPARE 4
- SPARE 5
- SPARE 6
- SPARE 7
- SPARE 8
- SPARE 9

- UG-2-19C COMP  
(6C#6, 13C#14)
- 2-L2
- 2-L1
- 2-COM
- 2-XB12
- 2-XN12
- SPARE 1
- 2-GC
- 2-BELL
- GP
- GP1
- 2-BX110
- 2-NX110
- SPARE 1
- SPARE 2
- SPARE 3
- SPARE 4
- SPARE 5
- SPARE 6
- SPARE 7

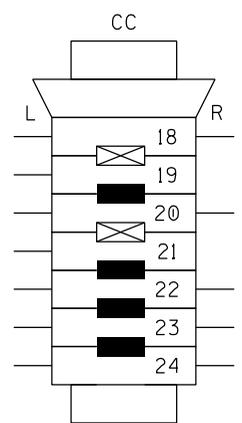
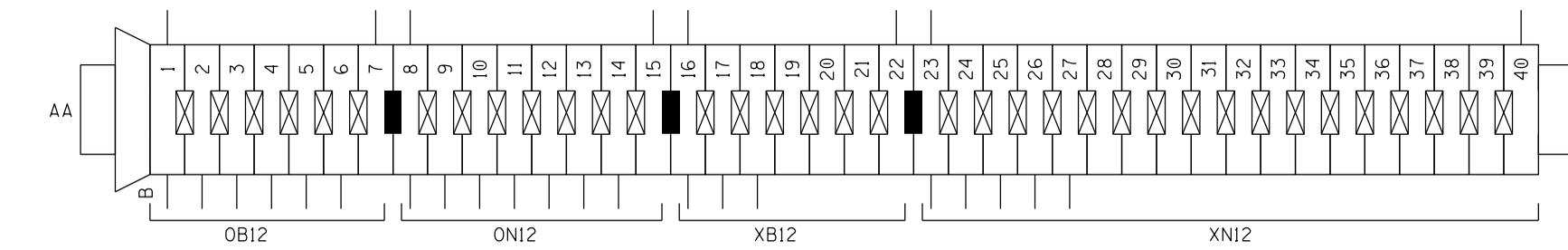
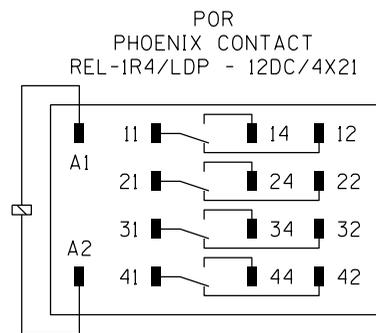
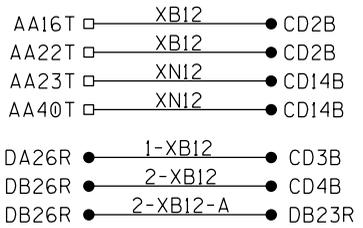
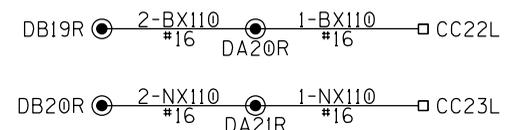
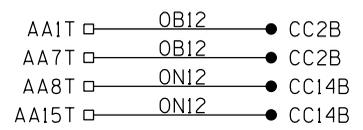
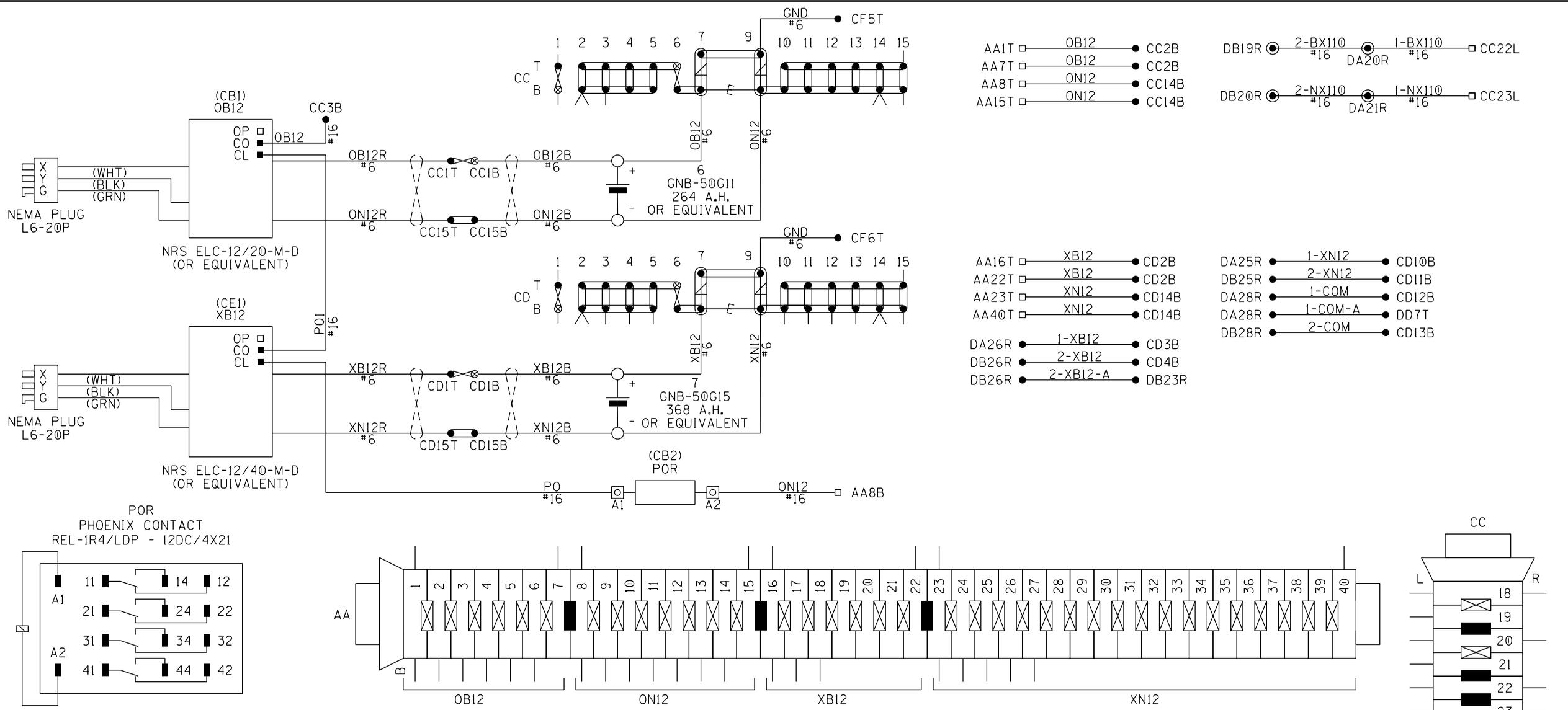
- UG-3-3CUG #2  
W/#6 GND
- L1
- L2
- NEUTRAL
- GND
- UG-4-TW. PR. #6
- RCV-1
- RCV-2
- UG-5-TW. PR. #6
- XMT-1
- XMT-2

NOTE:  
FOR FUTURE GATES

TRACK LAYOUT

	<b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small>	
DESIGNED BY: MRM DIGITIZED BY: RJC CHECKED BY: MGH REV 01	SR 219 MAHAFFEY, PA M.P. 022.20      D.O.T. 527-113P CHERRY TREE SUBDIVISION	DATE: 11/07/23 FILE: CH02220.03 SHEET 03





NOTES:  
 ALL WIRING TO BE #10AWG UNLESS NOTED OTHERWISE.  
 ● = 2-3/8" BLOCK  
 ⊗ = 1 INCH TEST LINK  
 < > = TWIST ⊗ = TEST NUT  
 ● = INSULATED NUT  
 = Heavy Duty Equalizer  
 Clearview  
 ⚡ = Lightning Arrester

- # WAGO TERMINAL 2 COND. 24-10AWG (WAGO 282-601)
- ⊗ DENOTES WAGO JUMPER WAGO 282-402
- DENOTES WAGO SEPARATOR WAGO 282-337
- AA DENOTES WAGO END PLATE WAGO 282-317
- BB DENOTES WAGO END STOP WAGO 249-117

TYPICAL CELL TYPES		
CELL TYPE	AMP HOUR	VOLTAGE PER CELL
6 LA	250 MIN.	2.22V
7 LA	360 MIN.	2.22V
10 NI-CD	250 MIN.	1.43V
12 NI-CD	360 MIN.	1.43V

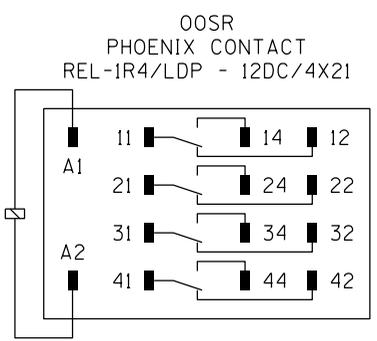
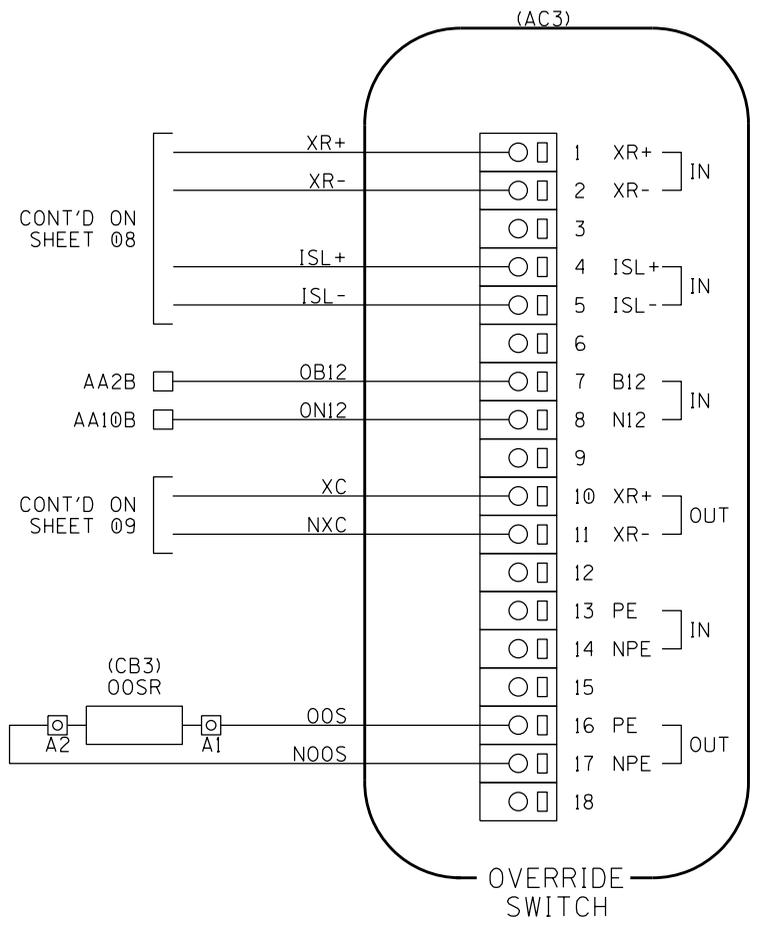
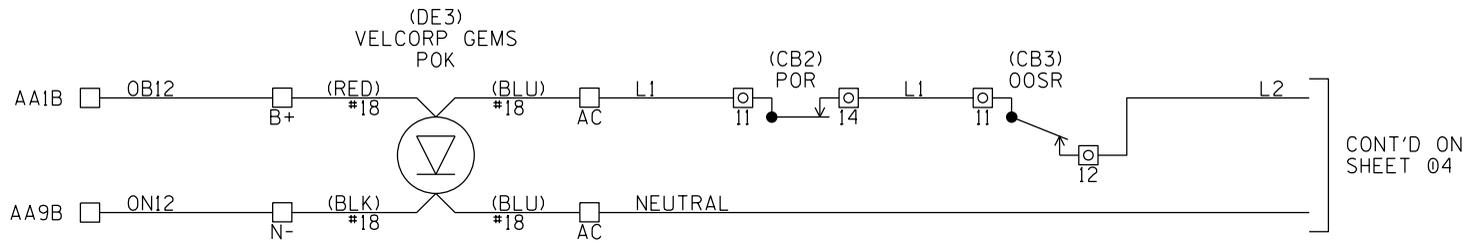
DC POWER

**RJ Corman Railroad**  
 P.O. BOX 788 101 RJ CORMAN DR  
 NICHOLASVILLE, KY 40356

DESIGNED BY: MRM  
 DIGITIZED BY: RJC  
 CHECKED BY: MGH  
 REV 01

SR 219  
 MAHAFFEY, PA  
 M.P. 022.20 D.O.T. 527-113P  
 CHERRY TREE SUBDIVISION

DATE: 11/07/23  
 FILE: CH02220.05  
 SHEET 05



NOTES:  
1. ALL WIRING TO BE #16AWG  
UNLESS NOTED OTHERWISE.

PO LIGHT CIRCUIT

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small> 		
DESIGNED BY: MRM DIGITIZED BY: RJC CHECKED BY: MGH REV 01	SR 219 MAHAFFEY, PA M.P. 022.20 D.O.T. 527-113P CHERRY TREE SUBDIVISION	DATE: 11/07/23 FILE: CH02220.06 SHEET 06

MAIN PROGRAM MENU

**	PARAMETER	VALUE
1	TEMPLATE	↓ MTF-MS MOTION SENSOR
1A	SET TEMPLATE DEFAULTS	(YES ON INITIAL SETUP)
MS 4000 CONFIGURATION		
2	APPR FREQUENCY	↓ 645 HZ
3	APPR TRANSMIT LEVEL	# ☆ HIGH
4	UNI/BI/SEM-BIDIRNL	↓ BIDIRNL
5	DIRECTIONALLY WIRED	↓ ☆ NO
6	MS PICKUP DELAY	↓ ☆ 15 SEC
7	UAX USED	↓ NO
7A	* PRIME UAX PICKUP	↓ ☆ 5 SEC
8	ISLAND USED	↓ ☆ INTERNAL
8A	* ISL FREQUENCY	↓ 8.3 KHZ
8B	* ISL PICKUP DELAY	↓ (2s+) 3 SECONDS
9	IN 1.1	↓ NOT USED
10	IN 1.2	↓ NOT USED
11	PRIME MS/GCP MODE	↓ PRED
11A	* PRIME WARNING TIME	↓ 29 SEC
ADVANCED		
12	POSITIVE START	↓ ☆ OFF
13	SUDDEN SHUNT DET USED	↓ ☆ NO
14	LOW EZ DET USED	↓ ☆ NO
15	MS SENSITIVITY LEVEL	# ☆ 36
16	COMPENSATION LEVEL	# ☆ 1300
17	LOW EX ADJUSTMENT	# ☆ 39
18	INBOUND PS SENSITIVITY	# ☆ HIGH
19	SPEED LIMITING USED	# ☆ YES
20	OUTBOUND FALSE ACT LVL	# ☆ NORMAL
OTHER		
21	OOS TIMEOUT	# ☆ 1 HRS
22	DAYLIGHT SAVINGS TIME	# ☆ ON
23	EZ/EX LOGGING	# ☆ CHANGE
24	EZ/EX POINT CHANGE	# ☆ 3
25	ATCS SITE ID	↓ ☆ 762010010016

CONTINUE MAIN PROGRAM MENU

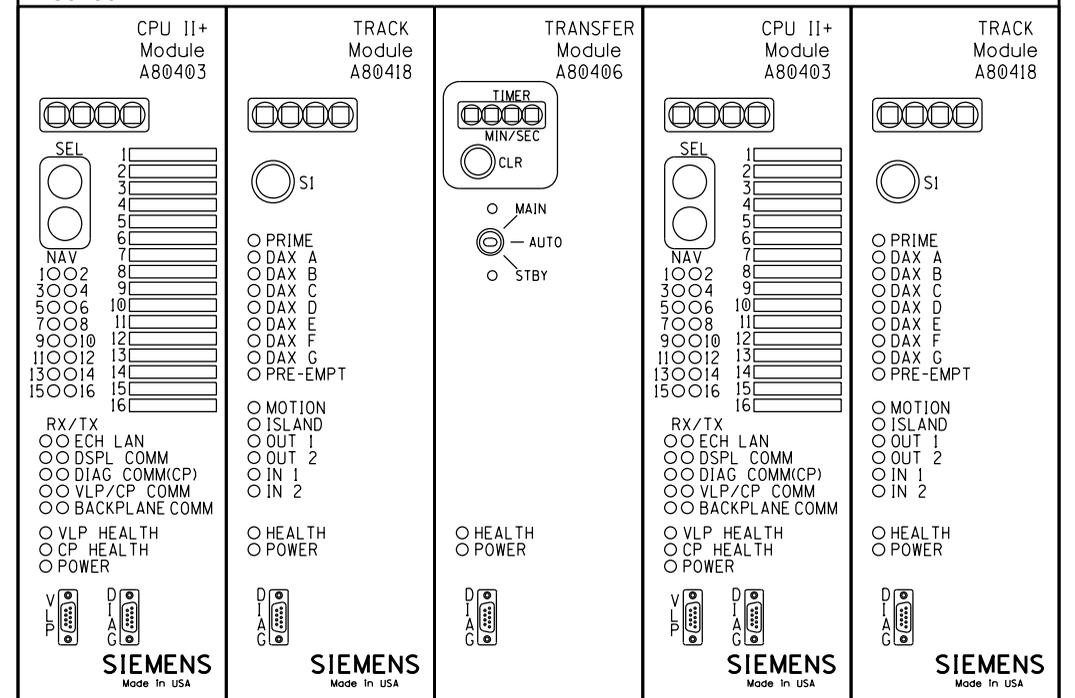
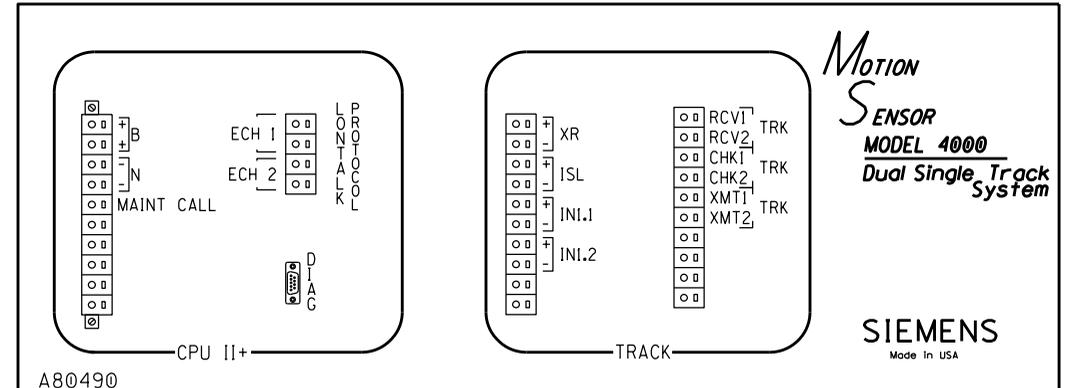
**	PARAMETER	VALUE
26	LOCATION	
26A	* DOT NUMBER	# 527 113P
26B	* MILE POST	# 22.20
26C	* SITE NAME	# SR 219

MCF AND OCCN

MCF NAME	GCP-T6X-02-9.mcf
OCCN	XXXXXXXX

NOTES:

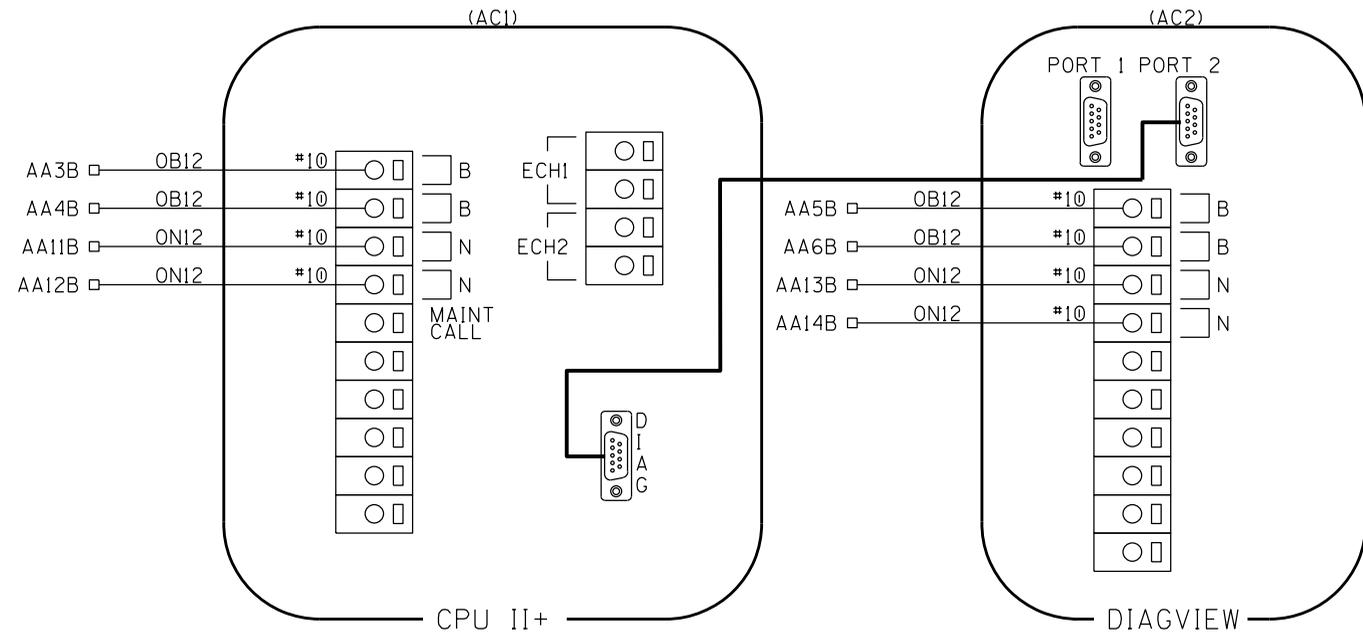
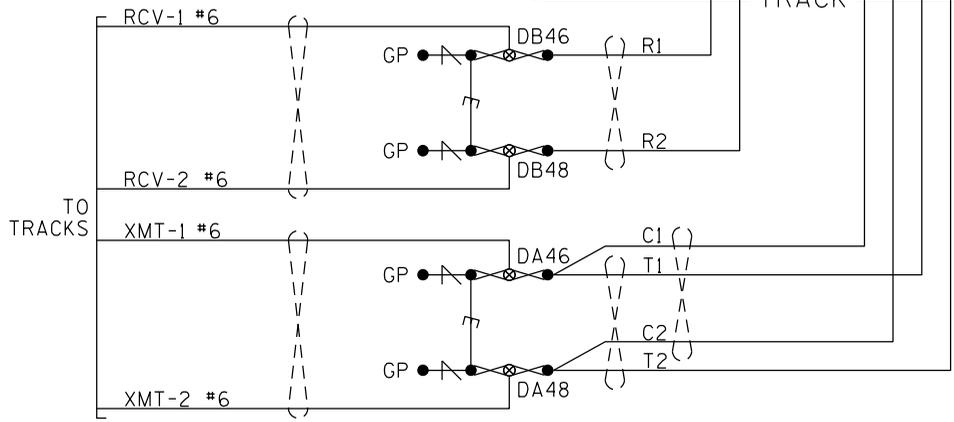
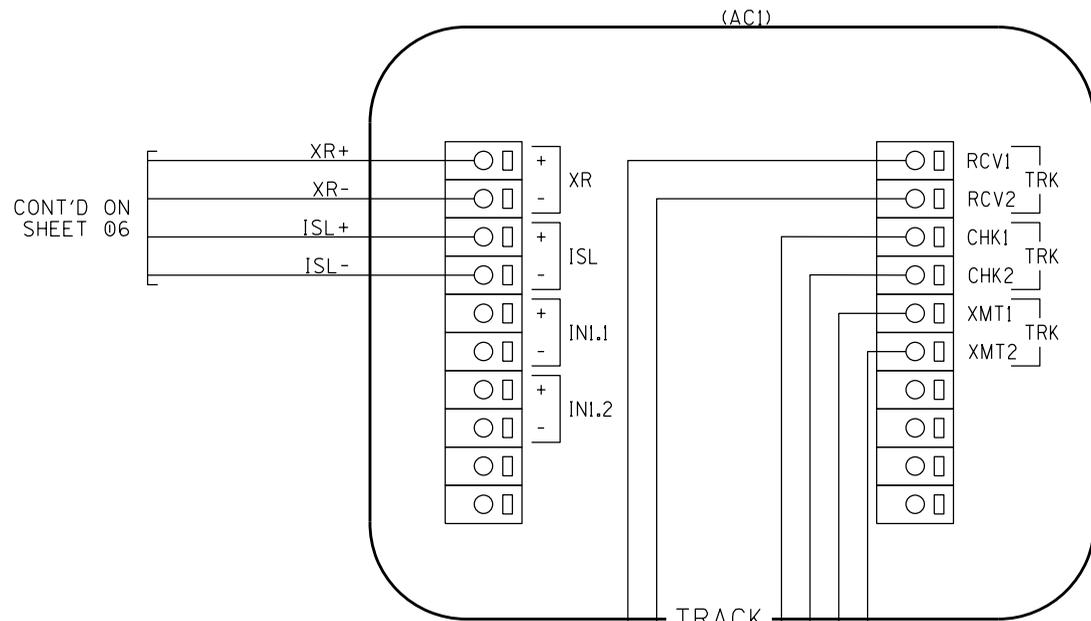
1. \* AVAILABLE WHEN PRIOR PARAMETER SELECTED
2. # SET BY FIELD AS REQUIRED
3. ☆ DEFAULT SETTING
4. ↓ IMPACTS OCCN
5. \*\* STEP SEQUENCE WHEN USING DIAGNOSTIC TERMINAL (DT) VER. 5.7.3 TO SET PROGRAM PARAMETERS. ALPHA NUMERIC STEPS ARE SUB MENUS OF PREVIOUS STEP.



(AC1)

MS 4000 GCP

 <b>RJ Corman Railroad</b> P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356		
DESIGNED BY: MRM	SR 219	DATE: 11/07/23
DIGITIZED BY: RJC	MAHAFFEY, PA	FILE: CH02220.07
CHECKED BY: MGH	M.P. 022.20 D.O.T. 527-113P	SHEET 07
REV 01	CHERRY TREE SUBDIVISION	



NOTES:  
ALL WIRING TO BE #16AWG UNLESS NOTED OTHERWISE.

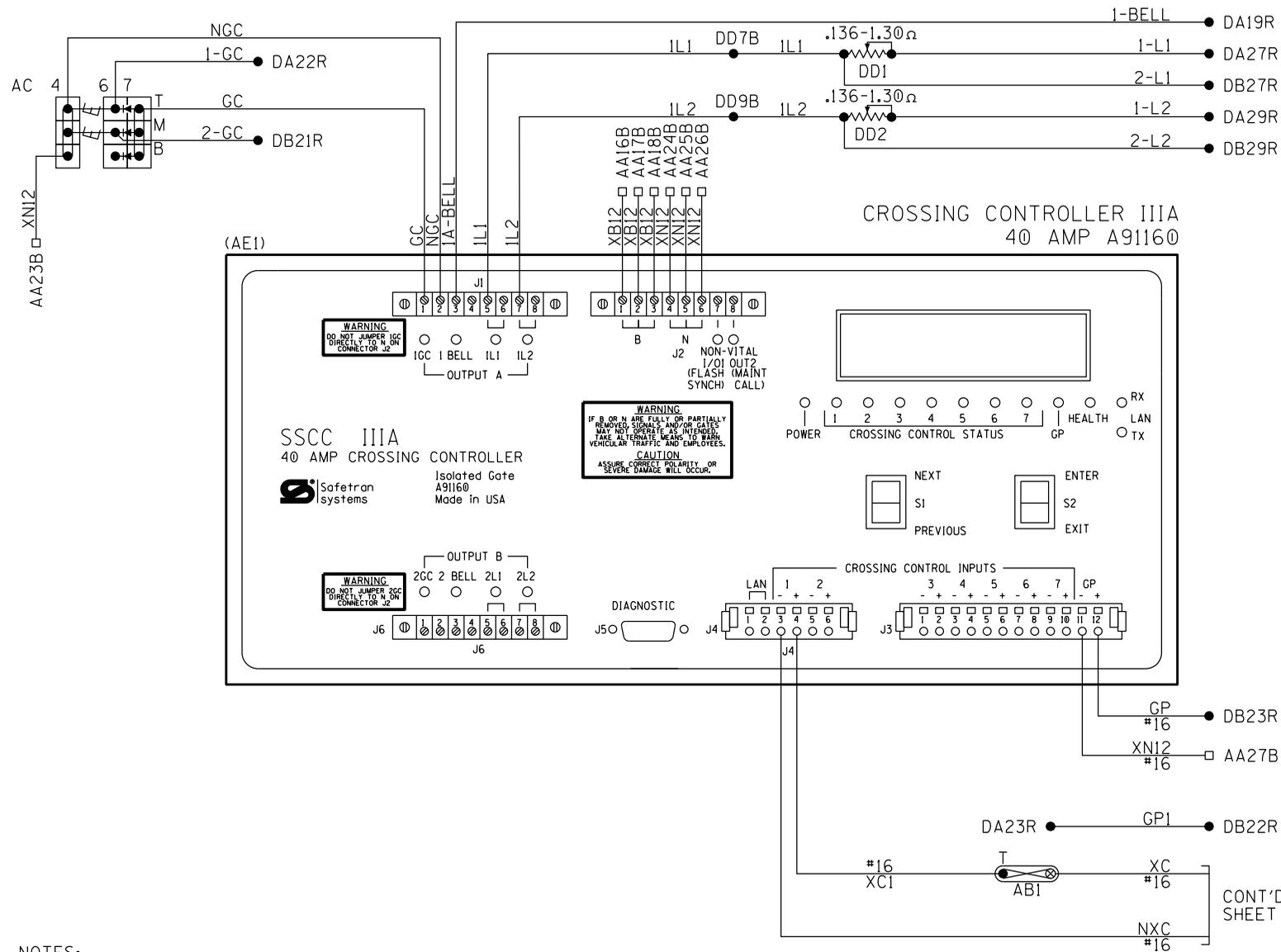
—E— = Heavy Duty Equalizer  
∠ = Lightning Arrester

—○— = 2-3/8" BLOCK  
⊗ = TEST LINK  
⊗ = TEST NUT  
⊃ < ⊂ = TWIST

TRACK CONNECTIONS

**RJ Corman Railroad**  
P.O. BOX 788 101 RJ CORMAN DR  
NICHOLASVILLE, KY 40356

DESIGNED BY: MRM	SR 219	DATE: 11/07/23
DIGITIZED BY: RJC	MAHAFFEY, PA	FILE: CH02220.08
CHECKED BY: MGH	M.P. 022.20 D.O.T. 527-113P	SHEET 08
REV 01	CHERRY TREE SUBDIVISION	



NOTES:

ALL WIRING TO BE #10AWG UNLESS NOTED OTHERWISE.

● = 2-3/8" BLOCK

⊗ = TEST LINK

⊗ = TEST NUT

□ = 1X12 BLOCKS

— = Heavy Duty Equalizer

— = RECTIFIER, SAFETRAN PART# 8002A299006

MCF PART NUMBER	MCF NAME	MCF CRC
9V610-A001F	BASIC.MCF	1D240612

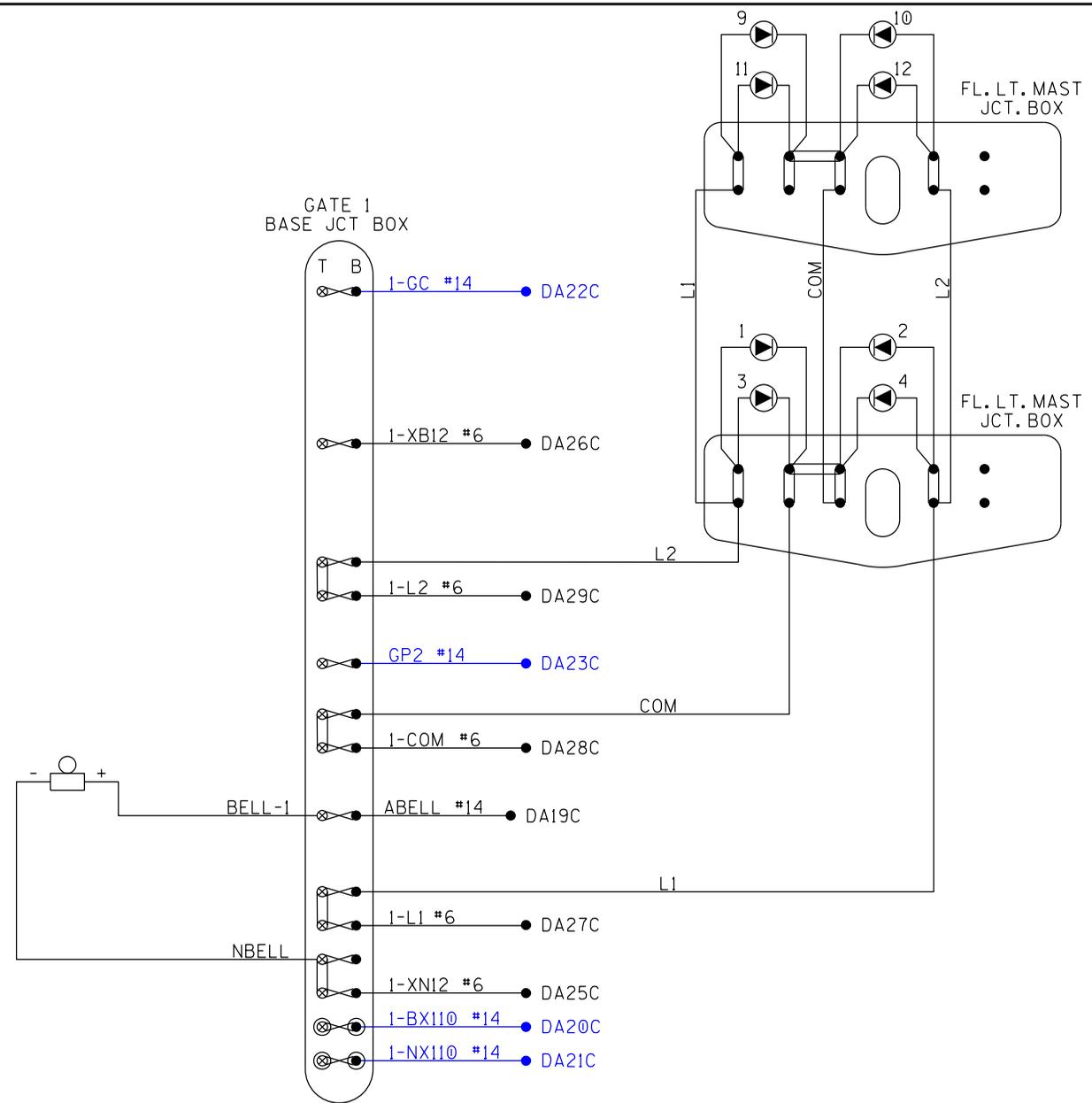
PROGRAM		
SUBMENU	NOTES	SETTINGS
FLASH RATE:	30-70 FLASH/MIN DEF.=50	50
GATES USED:	YES/NO DEF.=YES	YES
IGC DELAY:	3-20 SEC. DEF.=4	4 SEC.
GATE RISING BELL:	ON/OFF DEF.=ON	OFF
MIN ACTIVATE TMR:	0-60 SEC. DEF.=0	20 SEC.
ENABLED INPUTS:	1 THRU 1 TO 7 DEF.=1 THRU 7	1 THRU 1
TIME:	24 HOUR FORMAT	
DATE:	YYYY MMM DD	
DAYLIGHT SAVING:	ENABLED/DISABLED DEF.=DISABLED	ENABLED
PASSWORD:	ENABLED/DISABLED DEF.=DISABLED	DISABLED

CONFIGURE		
SUBMENU	NOTES	SETTINGS
LOS TIMERS:	0-20 SEC. INPUTS 1-7 DEF.=0	INPUT 1: 5
		INPUT 2: 0
		INPUT 3: 0
		INPUT 4: 0
		INPUT 5: 0
		INPUT 6: 0
		INPUT 7: 0
ATCS ADDRESS:	DEF.=700000000000	700000000000
LOW BATTERY:	9.0-15.0 VOLTS OR DISABLED DEF.=DISABLED	9.0 VOLTS
AUX I/O:	NONVITAL OUTPUT, FLASH SYNC IN, FLASH SYNC OUT DEF.=NONVITAL OUTPUT	NONVITAL OUTPUT
DETECT LAMP NEUTRAL WIRE:	YES/NO DEF.=YES	NO

CONT'D ON SHEET 06

CROSSING CONTROLLER HOOK-UP

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small>		
DESIGNED BY: MRM	SR 219	DATE: 11/07/23
DIGITIZED BY: RJC	MAHAFFEY, PA	FILE: CH02220.09
CHECKED BY: MGH	M.P. 022.20	D.O.T. 527-113P
REV 01	CHERRY TREE SUBDIVISION	SHEET 09



NOTES:

1. ALL WIRING #10 AWG UNLESS NOTED OTHERWISE
  2. ADD JUMPERS IN GATE SHOWN IN BOLD.
  3. FOR FUTURE GATES
- = 1 INCH TEST LINK  
 = TEST NUT

FLASHER CIRCUITS SIGNAL 1



**RJ Corman Railroad**

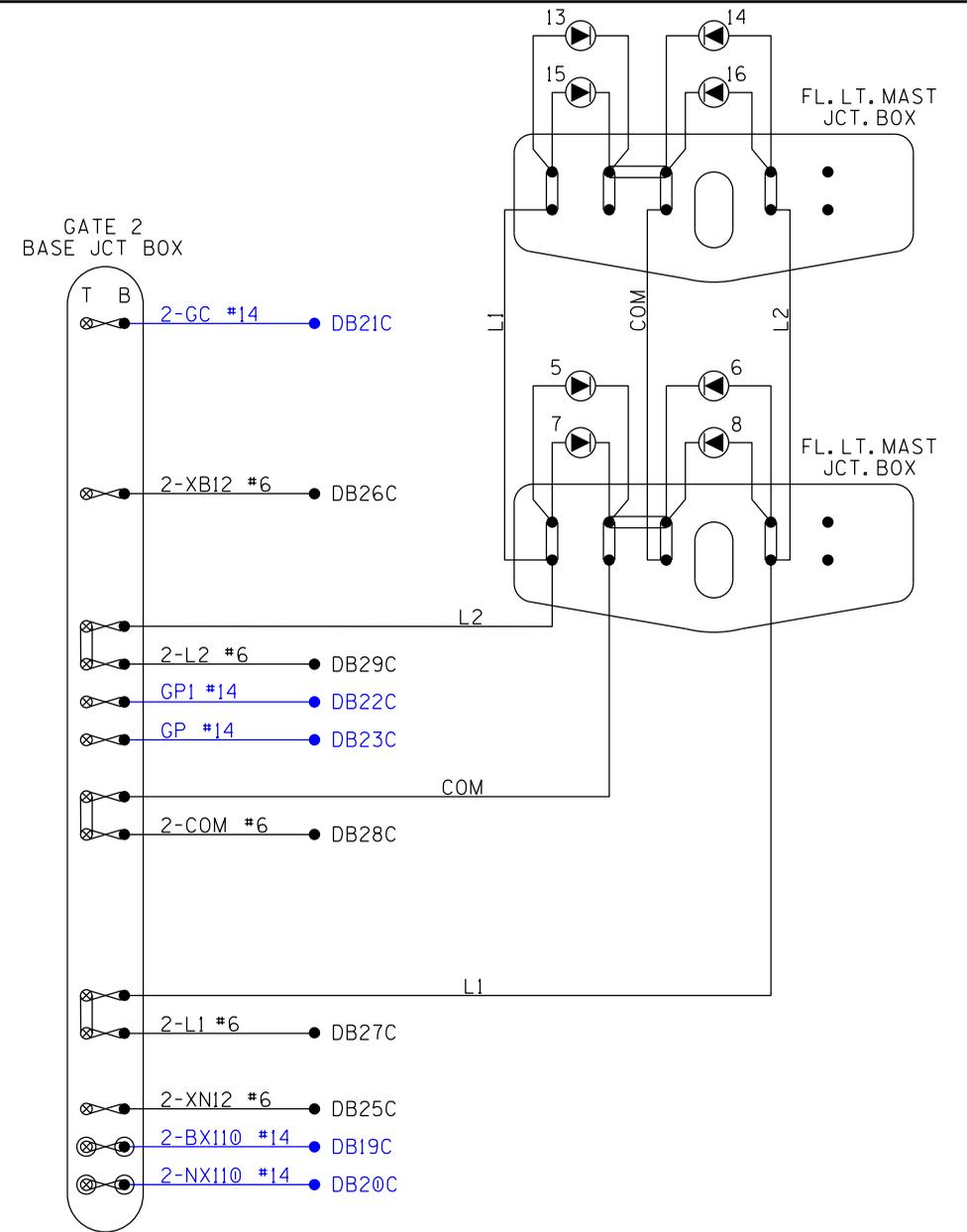
P.O. BOX 788 101 RJ CORMAN DR  
NICHOLASVILLE, KY 40356



DESIGNED BY: MRM  
DIGITIZED BY: RJC  
CHECKED BY: MGH  
REV 01

SR 219  
MAHAFFEY, PA  
M.P. 022.20 D.O.T. 527-113P  
CHERRY TREE SUBDIVISION

DATE: 11/07/23  
FILE: CH02220.10  
SHEET 10

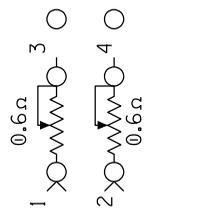
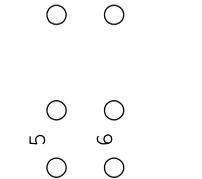
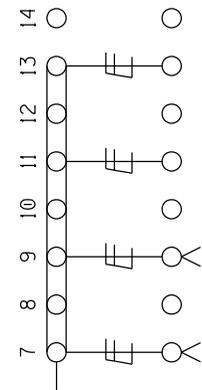


NOTES:

1. ALL WIRING #10 AWG UNLESS NOTED OTHERWISE
  2. ADD JUMPERS IN GATE SHOWN IN BOLD.
  3. FOR FUTURE GATES
- = 1 INCH TEST LINK  
 = TEST NUT

FLASHER CIRCUITS SIGNAL 2

<b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small>		
DESIGNED BY: MRM DIGITIZED BY: RJC CHECKED BY: MGH REV 01	SR 219 MAHAFFEY, PA M.P. 022.20      D.O.T. 527-113P CHERRY TREE SUBDIVISION	DATE: 11/07/23 FILE: CH02220.11 SHEET 11



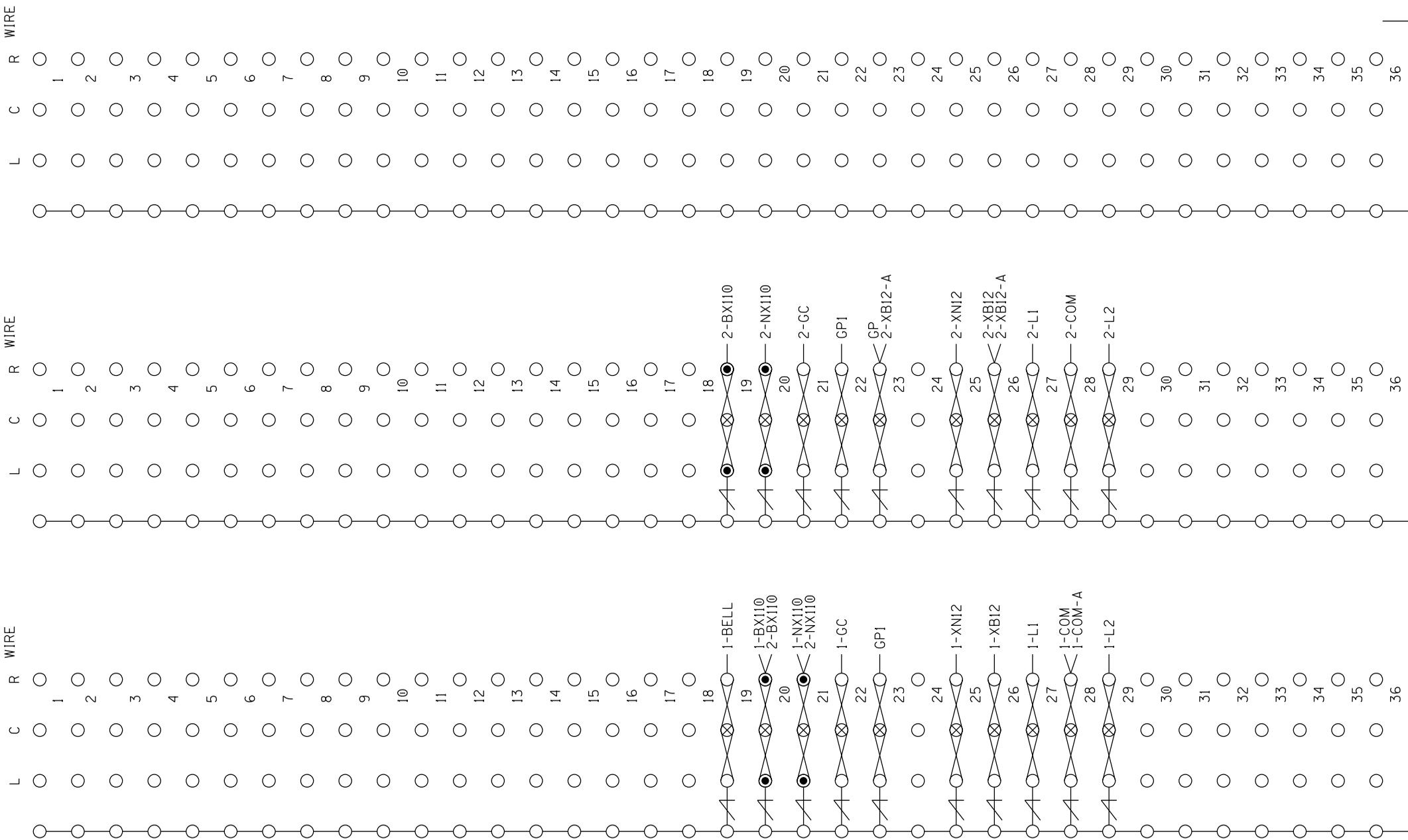
"D"

"A"

"B"

"C"

CASE WIRE



NOTE:  
 Clearview  
 ∠ = Lightning Arrester  
 FOR FUTURE GATES

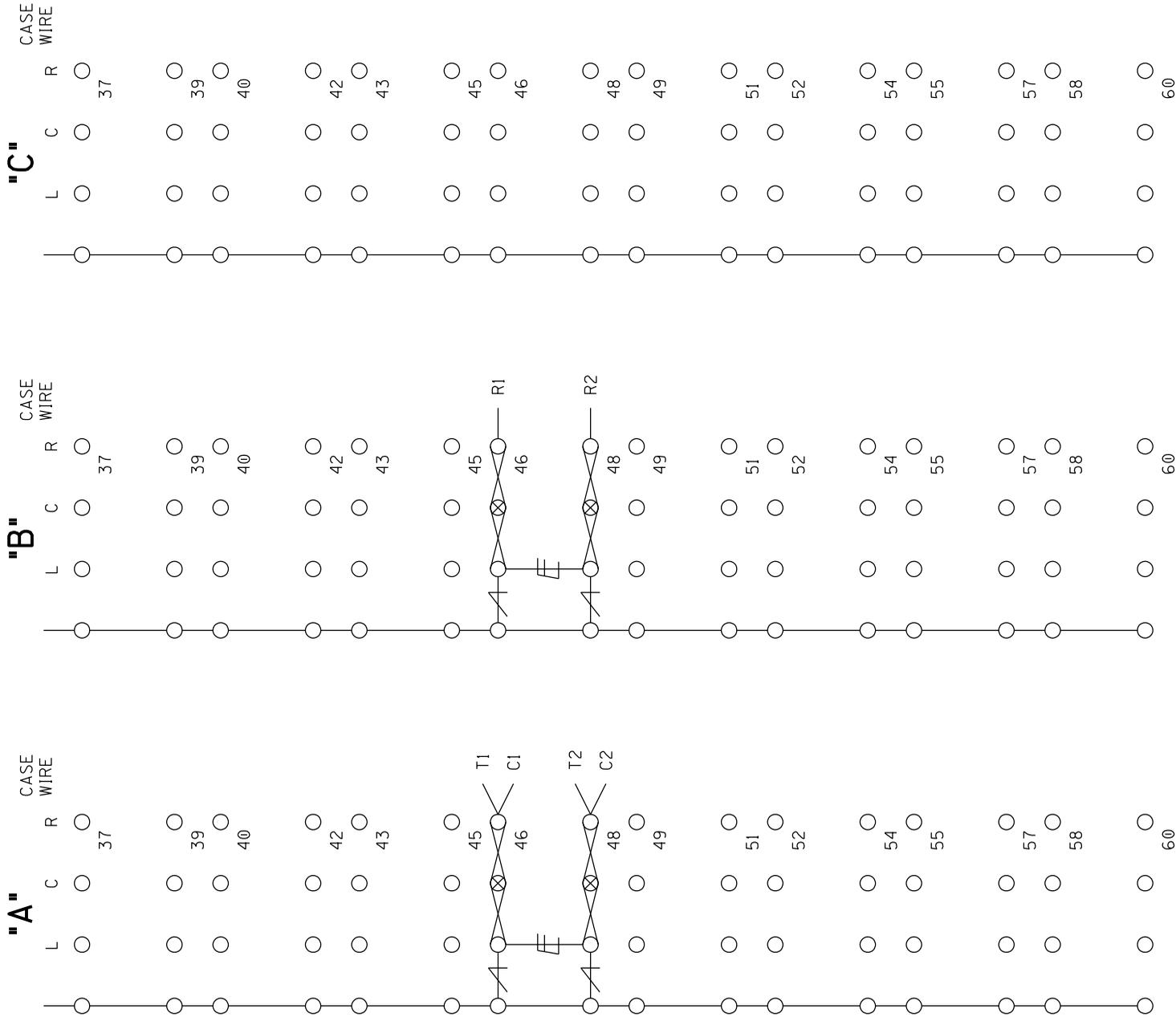
⊗ = TEST LINK  
 ⊗ = TEST NUT

TERMINAL BOARD FRONT LAYOUT

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR        NICHOLASVILLE, KY 40356</small>		
DESIGNED BY: MRM	SR 219	
DIGITIZED BY: RJC	MAHAFFEY, PA	
CHECKED BY: MGH	M.P. 022.20	D.O.T. 527-113P
REV 01	CHERRY TREE SUBDIVISION	
	DATE: 11/07/23 FILE: CH02220.12 SHEET 12	

CONTINUED ON NEXT SHEET

CONTINUED ON PREVIOUS SHEET



NOTE:  
 = Heavy Duty Equalizer  
 = Clearview Lightning Arrester  
 = TEST LINK  
 = TEST NUT

TERMINAL BOARD FRONT LAYOUT



**RJ Corman Railroad**

P.O. BOX 788 101 RJ CORMAN DR  
 NICHOLASVILLE, KY 40356



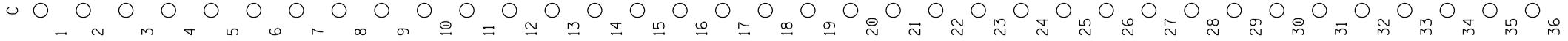
DESIGNED BY: MRM  
 DIGITIZED BY: RJC  
 CHECKED BY: MGH  
 REV 01

SR 219  
 MAHAFFEY, PA  
 M.P. 022.20 D.O.T. 527-113P  
 CHERRY TREE SUBDIVISION

DATE: 11/07/23  
 FILE: CH02220.13  
 SHEET 13

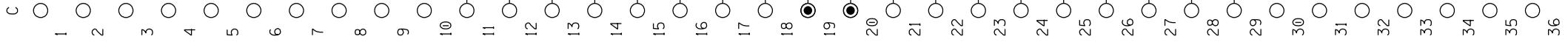
OUTSIDE  
CABLE

"C"



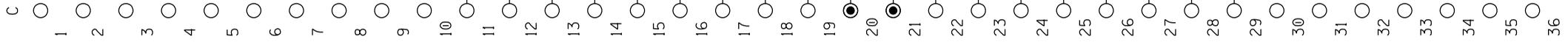
OUTSIDE  
CABLE

"B"



OUTSIDE  
CABLE

"A"



U.G. 1

U.G. 2

CONTINUED ON NEXT SHEET

NOTE:  
FOR FUTURE GATES

TERMINAL BOARD REAR LAYOUT



**RJ Corman Railroad**

P.O. BOX 788 101 RJ CORMAN DR  
NICHOLASVILLE, KY 40356



DESIGNED BY: MRM  
DIGITIZED BY: RJC  
CHECKED BY: MGH  
REV 01

SR 219  
MAHAFFEY, PA  
M.P. 022.20 D.O.T. 527-113P  
CHERRY TREE SUBDIVISION

DATE: 11/07/23  
FILE: CH02220.14  
SHEET 14

CONTINUED ON PREVIOUS SHEET

OUTSIDE  
CABLE

"C"

C  
37

39  
40

42  
43

45  
46  
48  
49

51  
52

54  
55

57  
58

60

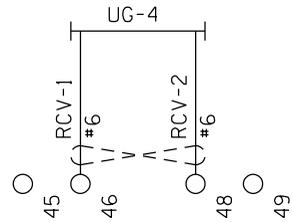
OUTSIDE  
CABLE

"B"

C  
37

39  
40

42  
43



51  
52

54  
55

57  
58

60

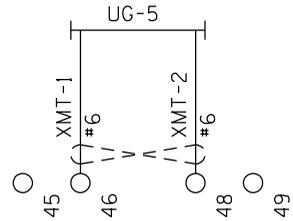
OUTSIDE  
CABLE

"A"

C  
37

39  
40

42  
43



51  
52

54  
55

57  
58

60

NOTE:

( ) x ( ) = TWIST

TERMINAL BOARD REAR LAYOUT



**RJ Corman Railroad**

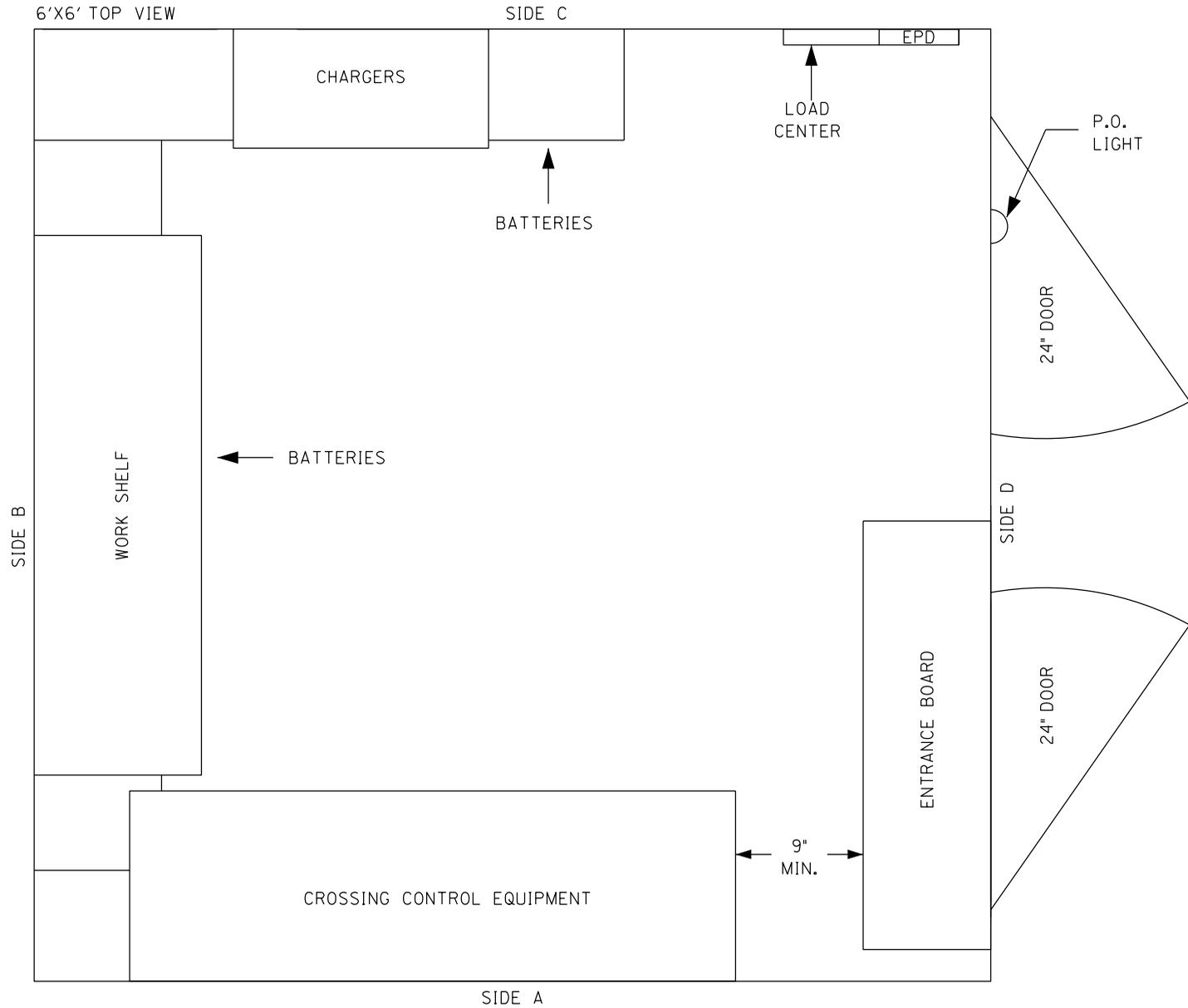
P.O. BOX 788 101 RJ CORMAN DR  
NICHOLASVILLE, KY 40356



DESIGNED BY: MRM  
DIGITIZED BY: RJC  
CHECKED BY: MGH  
REV 01

SR 219  
MAHAFFEY, PA  
M.P. 022.20 D.O.T. 527-113P  
CHERRY TREE SUBDIVISION

DATE: 11/07/23  
FILE: CH02220.15  
SHEET 15

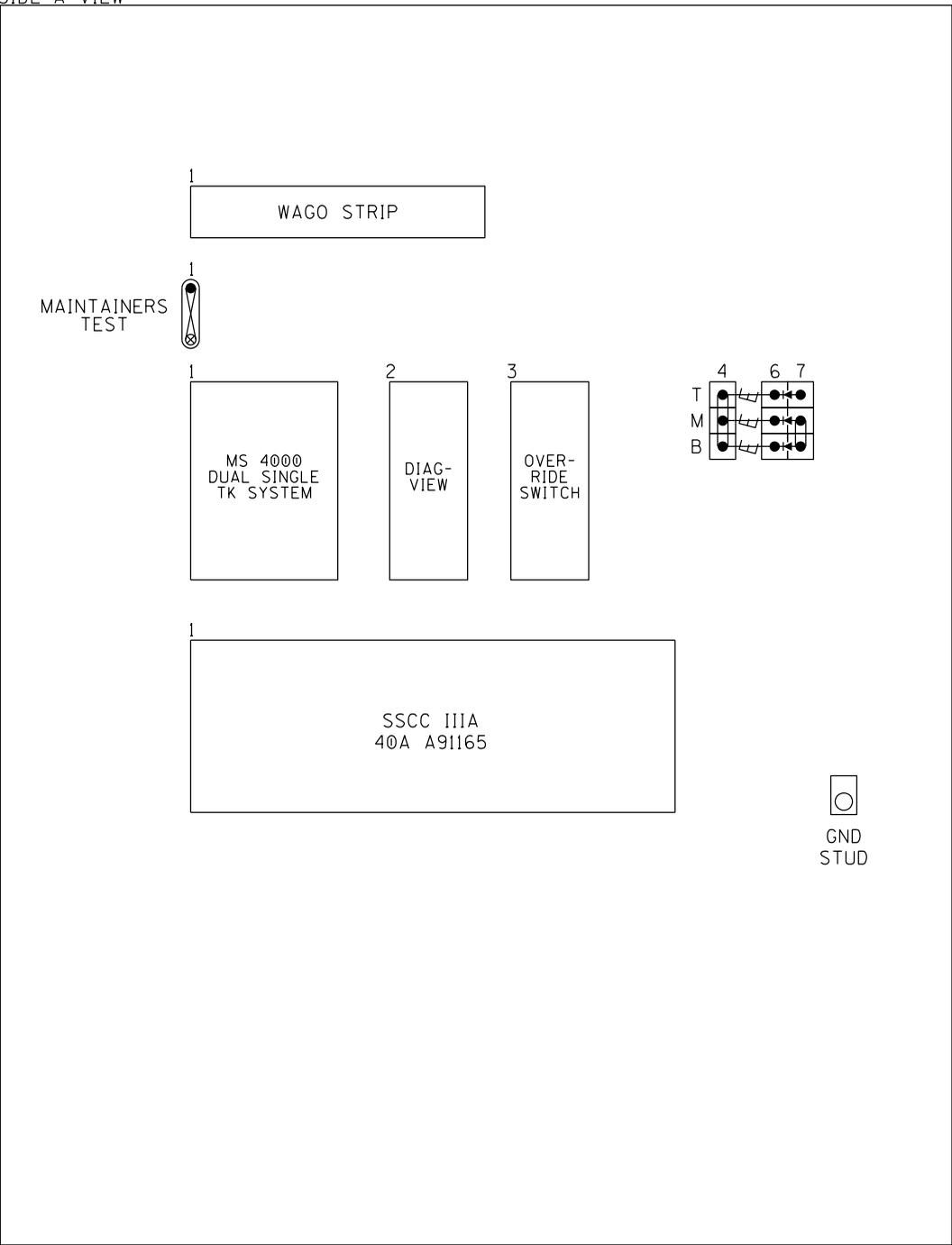


6'X6' SHELTER LAYOUT - TOP VIEW

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small>			
DESIGNED BY: MRM	SR 219		DATE: 11/07/23
DIGITIZED BY: RJC	MAHAFFEY, PA		FILE: CH02220.16
CHECKED BY: MGH	M.P. 022.20	D.O.T. 527-113P	FILE: CH02220.16
REV 01	CHERRY TREE SUBDIVISION		SHEET 16

SIDE A VIEW

A  
B  
C  
D  
E



- NOTE:
- = TEST LINK
  - = TEST NUT
  - = 2-3/8" BLOCK

6' X 6' HOUSE - SIDE "A"

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small>		
DESIGNED BY: MRM	SR 219	DATE: 11/07/23
DIGITIZED BY: RJC	MAHAFFEY, PA	FILE: CH02220.17
CHECKED BY: MGH	M.P. 022.20 D.O.T. 527-113P	SHEET 17
REV 01	CHERRY TREE SUBDIVISION	

SIDE B VIEW

A

B

C

D



6' X 6' HOUSE - SIDE "B"



**RJ Corman Railroad**

P.O. BOX 788 101 RJ CORMAN DR  
NICHOLASVILLE, KY 40356



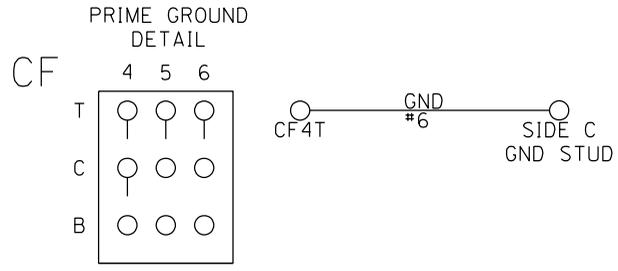
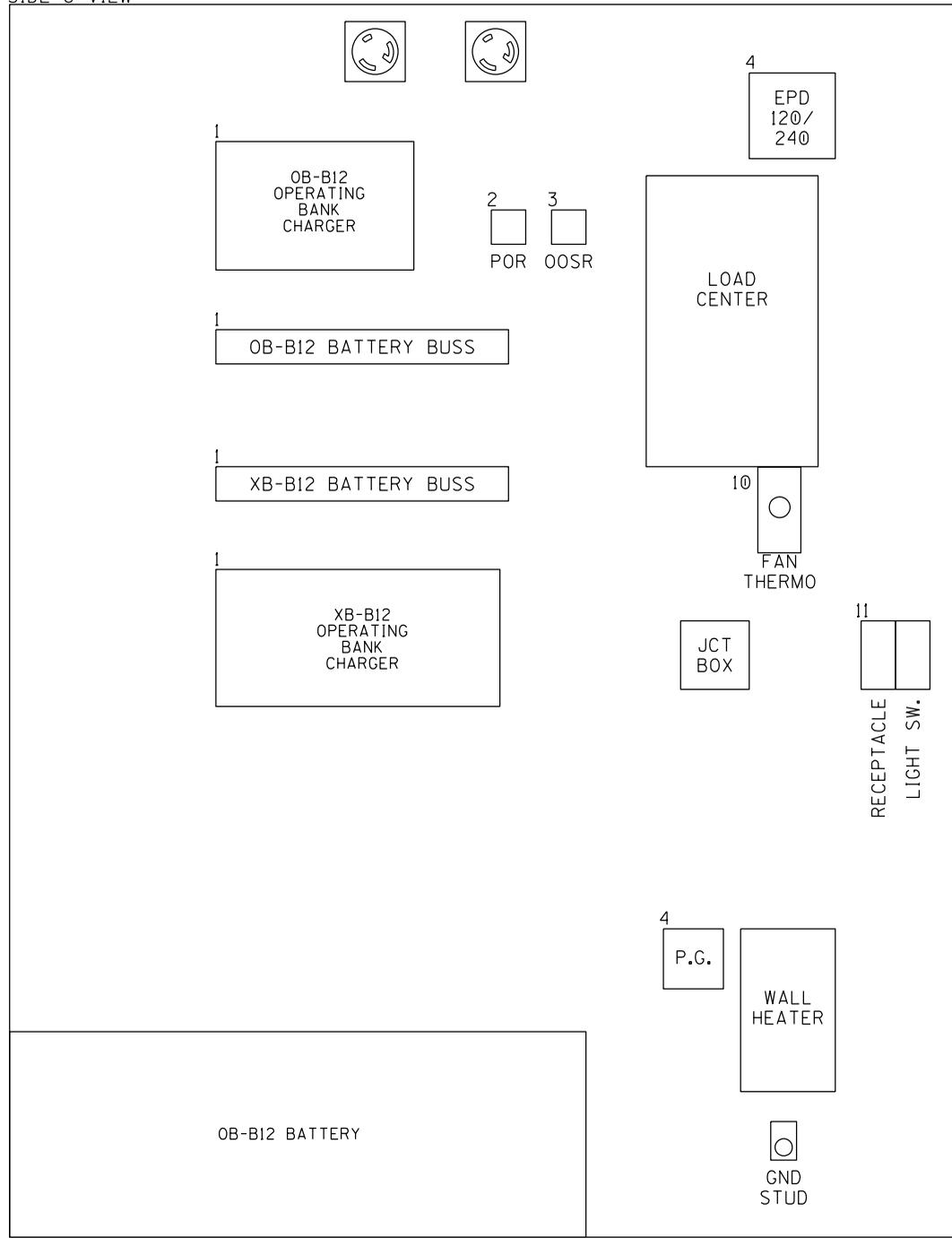
DESIGNED BY: MRM  
DIGITIZED BY: RJC  
CHECKED BY: MGH  
REV 01

SR 219  
MAHAFFEY, PA  
M.P. 022.20 D.O.T. 527-113P  
CHERRY TREE SUBDIVISION

DATE: 11/07/23  
FILE: CH02220.18  
SHEET 18

SIDE C VIEW

A  
B  
C  
D  
E  
F



6' X 6' HOUSE - SIDE "C"

 <b>RJ Corman Railroad</b> <small>P.O. BOX 788 101 RJ CORMAN DR NICHOLASVILLE, KY 40356</small> 		
DESIGNED BY: MRM DIGITIZED BY: RJC CHECKED BY: MGH REV 01	SR 219 MAHAFFEY, PA M.P. 022.20 D.O.T. 527-113P CHERRY TREE SUBDIVISION	DATE: 11/07/23 FILE: CH02220.19 SHEET 19

E SIDE D VIEW

1  
GEMS  
P.O.L.



DOOR

ENTRANCE BOARD

EMERGENCY SWITCH  
BEHIND TERMINAL BOARD



6' X 6' HOUSE - SIDE "D"



**RJ Corman Railroad**

P.O. BOX 788 101 RJ CORMAN DR  
NICHOLASVILLE, KY 40356



DESIGNED BY: MRM  
DIGITIZED BY: RJC  
CHECKED BY: MGH  
REV 01

SR 219  
MAHAFFEY, PA  
M.P. 022.20 D.O.T. 527-113P  
CHERRY TREE SUBDIVISION

DATE: 11/07/23  
FILE: CH02220.20  
SHEET 20

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to alter two (2) public at-grade crossing by the installation of new active traffic control devices where various State Routes cross the tracks of R.J. Corman Railroad Company/Pennsylvania Lines Inc. in Chest and Bell Townships, Clearfield County *all in accordance with the Federal Grade Crossing Program* and the allocation of costs incident thereto..

Application  
Docket No. A-2023-3040993

**Electronically Filed**

VERIFICATION

I, David J. Wachob, District Grade Crossing Engineer, hereby state that the facts above set forth are true and correct to the best of my knowledge, information, and belief and that I expect to be able to prove the same at a hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. §4904 (relating to unsworn falsification to authorities).

Date: 12/13/2023

*David J. Wachob*  
David J. Wachob  
District Grade Crossing Engineer

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to alter two (2) public at-grade crossing by the installation of new active traffic control devices where various State Routes cross the tracks of R.J. Corman Railroad Company/Pennsylvania Lines Inc. in Chest and Bell Townships, Clearfield County *all in accordance with the Federal Grade Crossing Program* and the allocation of costs incident thereto.

Application  
Docket No. A-2023-3040993

**Electronically Filed**

CERTIFICATE OF SERVICE

I hereby certify that I have this day served a true copy of the foregoing document upon the participants listed below, in accordance with the requirements of 52 Pa. Code § 1.54, by first class mail, postage prepaid:

Deborah Hawley, Director of Contracts & Real Estate  
R.J. Corman Railroad Group, LLC  
PO Box 788, 101 RJ Corman Dr,  
Nicholasville, KY 40356  
[Deborah.Hawley@RJCorman.com](mailto:Deborah.Hawley@RJCorman.com)

John Sobel, Chairperson  
Clearfield County Commissioners  
212 E. Locust St Suite 112,  
Clearfield, PA 16830  
[josobel@clearfieldco.org](mailto:josobel@clearfieldco.org)

Kenneth R. Voris, Chairperson  
Bell Township Supervisors  
P.O. Box 196  
Mahaffey PA 15757  
[belltwp@comcast.net](mailto:belltwp@comcast.net)

Dan Sunderland, Chairperson  
Chest Township supervisors  
864 Pine Run Road  
La Jose PA 15753  
[garnerlarry@hotmail.com](mailto:garnerlarry@hotmail.com)

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Mike Flock  
United Electric  
29 United Road P.O. Box 688  
DuBois, PA 15801  
[mflock@unitedpa.com](mailto:mflock@unitedpa.com)

Dated this 13th day of December, 2023

*David J. Wachob*  
David J. Wachob  
District Grade Crossing Engineer  
70 PennDOT Drive  
Clearfield PA 16830  
814-496-6096  
[dwachob@pa.gov](mailto:dwachob@pa.gov)