

November 21, 2024

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
400 North Street  
Harrisburg, PA 17120

Re: Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to alter the public at grade crossing by the installation of new railroad warning devices and crossing surface where Lake Road-East (T-549) crosses the track of East Penn Railroad LLC, DOT Number 541 211 P, in London Grove Township, Chester County *all in accordance with the Federal Grade Crossing Program* and the allocation of costs incident thereto.

Dear Secretary Chiavetta:

Enclosed for filing, please find the Application of the Department of Transportation.

A copy of this Application and Exhibits has been served upon the parties in the Certificate of Service to the Application.

Sincerely,

*Abiyabebe (AA)*

Abiy Abebe  
District Grade Crossing Administrator  
1 Engineering District 6-0  
Department of Transportation

Attachments

cc: Parties of Record

Mark Chappell, P.E., Chief, Right-of-Way, Utilities, and Grade Crossing Div, 7<sup>th</sup> Flr, CKB  
Karen L Cummings, Senior Counsel, Office of Chief Counsel, 9<sup>th</sup> Flr, CKB  
William M. Sinick, P.E., Supervisor, Rail Safety Engineering Section PUC, 3<sup>rd</sup> Floor, CKB

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to alter the public at grade crossing by the installation of new warning devices and crossing surface, where Lake Road-East (T-549) crosses the track of East Penn Railroad LLC, DOT Number 541 211 P, in London Grove Township, Chester County *all in accordance with the Federal Grade Crossing Program* and the allocation of cost incidental thereto.

Application  
Docket No. \_\_\_\_\_

**Electronically Filed**

APPLICATION OF THE COMMONWEALTH OF PENNSYLVANIA, DEPARTMENT  
OF TRANSPORTATION

Applicant, Commonwealth of Pennsylvania, Department of Transportation, files this Application pursuant to the provisions of 66 Pa.C.S § 2702 and 52 Pa. Code § 5.13 for the alteration of the public at grade crossing where Lake Road-East crosses tracks of East Penn Railroad, LLC at DOT Number 541 211 P in London Grove Township, Chester County as described below:

1. The name and address of Applicant are Commonwealth of Pennsylvania, Department of Transportation, Charles H. Davies, P.E., Assistant District Executive-Design, Engineering District 6-0, 7000 Geerdes Boulevard, King of Prussia, PA 19406-1525.
  
2. The name and address of attorney for the Applicant is Karen L. Cummings, Senior Counsel, Commonwealth of Pennsylvania, Department of Transportation, Office of Chief Counsel, PO Box 8212, Harrisburg, PA 17105-8212.

3. The Applicant is an agency of Commonwealth of Pennsylvania, organized and existing under the Administrative Code of 1929, 71 P.S. § 511, et seq. and generally 36 P.S. § 670 - 401 et seq., is filing this application on of behalf of London Grove Township as evidenced by resolution dated November 13, 2024 and Authorization Letter dated July 31, 2024, which is attached hereto and marked as Exhibit “A”.

4. The names and addresses of the persons, parties and entities concerned in, or affected by the proposed construction, to the best of the Applicant’s knowledge, are shown in the certificate of service. In addition to those served, the Applicant requests that the following also receive service of

all documents in this matter:

Mark J. Chappell, P.E., Chief  
Right of Way, Utilities & Grade Crossing Division  
Pennsylvania Department of Transportation  
PO Box 3362  
Harrisburg, PA 17105-3362  
[marchappel@pa.gov](mailto:marchappel@pa.gov)

Karen L. Cummings, Senior Counsel  
Office of Chief Counsel  
Pennsylvania Department of Transportation  
PO Box 8212  
Harrisburg PA 17105-8212  
[kcummings@pa.gov](mailto:kcummings@pa.gov)

5. The Applicant is seeking approval to alter Lake Road-East by installation of new warning devices and crossing surface. A Location Map and circuit plans are attached as Exhibit “B” and Exhibit “C”, respectively.

6. The Applicant is not aware of prior Public Utility Commission orders for this crossing.

7. The average daily traffic for Lake Road-East is unknown.

8. The estimated total cost for the project subject to the application and described above is \$363,532.00. The Applicant anticipates the funding for the project will be 100% federal funds.

8. This project is necessary and proper for the safety and convenience of the public.
9. A conference of all parties of interest should be held to discuss the proposed project.

Wherefore, Applicant respectfully requests that the Public Utility Commission approve this Application.

Respectfully Submitted

*/s/ Charles H Davies*

Charles H. Davies, P.E. Assistant District  
Executive Engineering District 6-0  
Department of Transportation  
7000 Geerdes Boulevard  
King of Prussia, PA 19406-1525  
Phone: (610) 205-6670  
Fax: (610) 205-6903  
Email: [cdavies@pa.gov](mailto:cdavies@pa.gov)

Dated: 11/19/24

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to alter the public at grade crossing by the installation of new warning devices and crossing surface, where Lake Road-East (T-549) crosses the track of East Penn Railroad LLC, DOT Number 541 211 P, in London Grove Township, Chester County *all in accordance with the Federal Grade Crossing Program* and the allocation of cost incidental thereto.

Application  
Docket No. \_\_\_\_\_

**Electronically Filed**

VERIFICATION

I, Abiy Abebe, Grade Crossing Administrator 1, 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: 11/21/2024

Abiyabebe (AA)  
Abiy Abebe  
Grade Crossing Administrator 1

**BEFORE THE  
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the Department of Transportation of the Commonwealth of Pennsylvania for approval to alter the public at grade crossing by the installation of new warning devices and crossing surface, where Lake Road-East (T-549) crosses the track of East Penn Railroad LLC, DOT Number 541 211 P, in London Grove Township, Chester County *all in accordance with the Federal Grade Crossing Program* and the allocation of cost incidental thereto.

Application  
Docket No. \_\_\_\_\_

**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 electronic mail:

Alfred Sauer, President  
East Penn Railroad, LLC  
505 S Broad Street  
Kennett Square, PA 19348  
[asauer@regional-rail.com](mailto:asauer@regional-rail.com)

Brian O'Leary, AICP Executive Director  
Chester County Planning Commission  
601 Westtown Road #270  
P O Box 2747  
West Chester, PA 19380-0990  
[boleary@chesco.org](mailto:boleary@chesco.org)

Ken Babbittin  
London Grove Township  
372 Rose Hill Road, Suite 100  
West Grove, PA 19390  
[Kbattin@londongrove.org](mailto:Kbattin@londongrove.org)

Greg McCummings, Manager  
West Grove Borough  
117 Rosehill Avenue  
P O Box 61  
West Grove PA 19390-0061  
[gmccummings@westgroveborough.org](mailto:gmccummings@westgroveborough.org)

Mike Kimberly, Construction Coordinator  
Comcast Cable Communications  
190 Shoemaker Road  
Pottstown, PA 19464  
[mike\\_kimberly@cable.comcast.com](mailto:mike_kimberly@cable.comcast.com)

Lauren Levitt, Supervisor Network Constructio  
Crown Castle Fiber  
3200 Horizon Drive - Suite 150  
King of Prussia, PA 19406  
[Lauren.Levitt@crowncastle.com](mailto:Lauren.Levitt@crowncastle.com)

Keith Johnston, Construction Supv  
Chester Water Authority  
415 Welsh Street  
P O Box 467  
Chester, PA 19013  
[kmjohnston@chesterwater.com](mailto:kmjohnston@chesterwater.com)

Perry Jackson, Field Operations Manager  
Everstream Solutions, LLC  
111 S Independence Mall E - Suite 608  
Philadelphia, PA 19106  
[pjackson@everstream.net](mailto:pjackson@everstream.net)

Karen Linaweaver, Manager  
London Grove Twp Municipal Authority  
372 Rose Hill Road, Suite 300  
West Grove, PA 19390  
[klinaweaver@londongrove.org](mailto:klinaweaver@londongrove.org)

Ken Battin, Public Works Director  
London Grove Township  
372 Rose Hill Road - Suite 100  
West Grove, PA 19390  
[kbattin@londongrove.org](mailto:kbattin@londongrove.org)

Pete Dettling, Program Manager  
PECO Energy Company  
1050 West Swedesford Road  
Berwyn, PA 19312  
[Charles.Dettling@exeloncorp.com](mailto:Charles.Dettling@exeloncorp.com)

Scott Nubbemeyer, Highway Engineer  
Verizon Pennsylvania, LLC  
1050 Virginia Drive  
Fort Washington, PA 19034  
[scott.nubbemeyer@verizon.com](mailto:scott.nubbemeyer@verizon.com)

Philip Deater, Sr. OSP Engineer  
United Fiber Data  
210 York Street – Suite 200  
York, PA 17403  
[phillip@ufd.com](mailto:phillip@ufd.com)

Dated this 21st Day of November, 2024

Abiyabebe (AA)

Abiy Abebe

**London Grove Township**  
TOWNSHIP/BOROUGH  
**CHESTER COUNTY, PA**  
**RESOLUTION NO. 838**

**A RESOLUTION AUTHORIZING PENNDOT TO  
REQUEST RAILROAD CROSSING UPGRADES AT  
LAKE ROAD FROM  
THE PENNSYLVANIA PUBLIC UTILITY COMMISSION**

WHEREAS, Lake Road is a public roadway under the jurisdiction of the London Grove Township; and

WHEREAS, a railroad operates through the Township, which railroad maintains crossing over Lake Road; and

WHEREAS, in order for the improvements to the railroad crossing warning device to be made pertaining to the railroad crossing, such improvements must be submitted to the Pennsylvania Public Utility Commission ("PUC") by and through the Pennsylvania Department of Transportation ("PennDOT");

NOW THEREFORE, BE IT RESOLVED by the Board of Supervisors of the Township of London Grove, as follows:

1. PennDOT is authorized on behalf and for the Township to request approval of the PUC to install appropriate warning devices at the railroad crossing at Lake Road railroad crossing in London Grove Township.
2. PennDOT is authorized on behalf, and for the Township, to issue Notice-to-Proceed letters to the railroad for construction at the railroad crossing at Lake Road in London Grove Township.

RESOLVED, this 13th day of November 2024, in public meeting duly noticed and assembled.

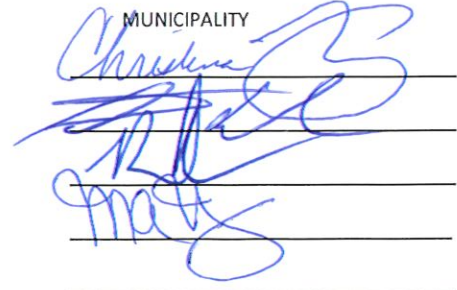
ADOPTED this 13th day of November 2024.

ATTEST: \_\_\_\_\_



\_\_\_\_\_  
London Grove Township

MUNICIPALITY





May 15, 2024

Ken Battin  
London Grove Township  
372 Rose Hill Road, Suite 100  
West Grove PA. 19390

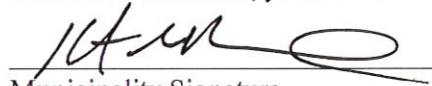
Re: Chester County  
London Grove Township  
At-grade RR Crossings  
**Lake Road-East and Lake Road -West RR crossings**  
DOT # 541 211 P and 534 646 S  
MPMS # 118184 and 118183

Dear Battin:

As you may be aware, the Commonwealth of Pennsylvania, Department of Transportation (the Department) is filing an application with the Pennsylvania Public Utility Commission (PUC) for the approval to install a railroad warning device where Lake Rd (East & West /T-549) cross, at-grade the track of Penn East Railroad LLC. (DOT #541 211 P Lake Rd- East, DOT # 534 646 S Lake Rd West), located in London Grove Township County.

This action is in accordance with the Section 130 Federal Rail Safety Program, which provides 100 percent Federal funding for the construction of railroad warning devices on public roads. The railroad will seek reimbursement from the Department for 100 percent of the construction costs.

Please sign, date, and affix the (*Municipality*) seal at the space provided on this letter and return the original to the District office. Please also provide a resolution agreeing to allow the Department to file this application on your behalf and authorizing the Department to issue Notice-to-Proceed letters to the railroad for design and/or construction. If a resolution is not provided, it will be presumed that, by signature, date, and seal of this letter, you concur with these conditions and authority is granted, and no resolution is necessary.

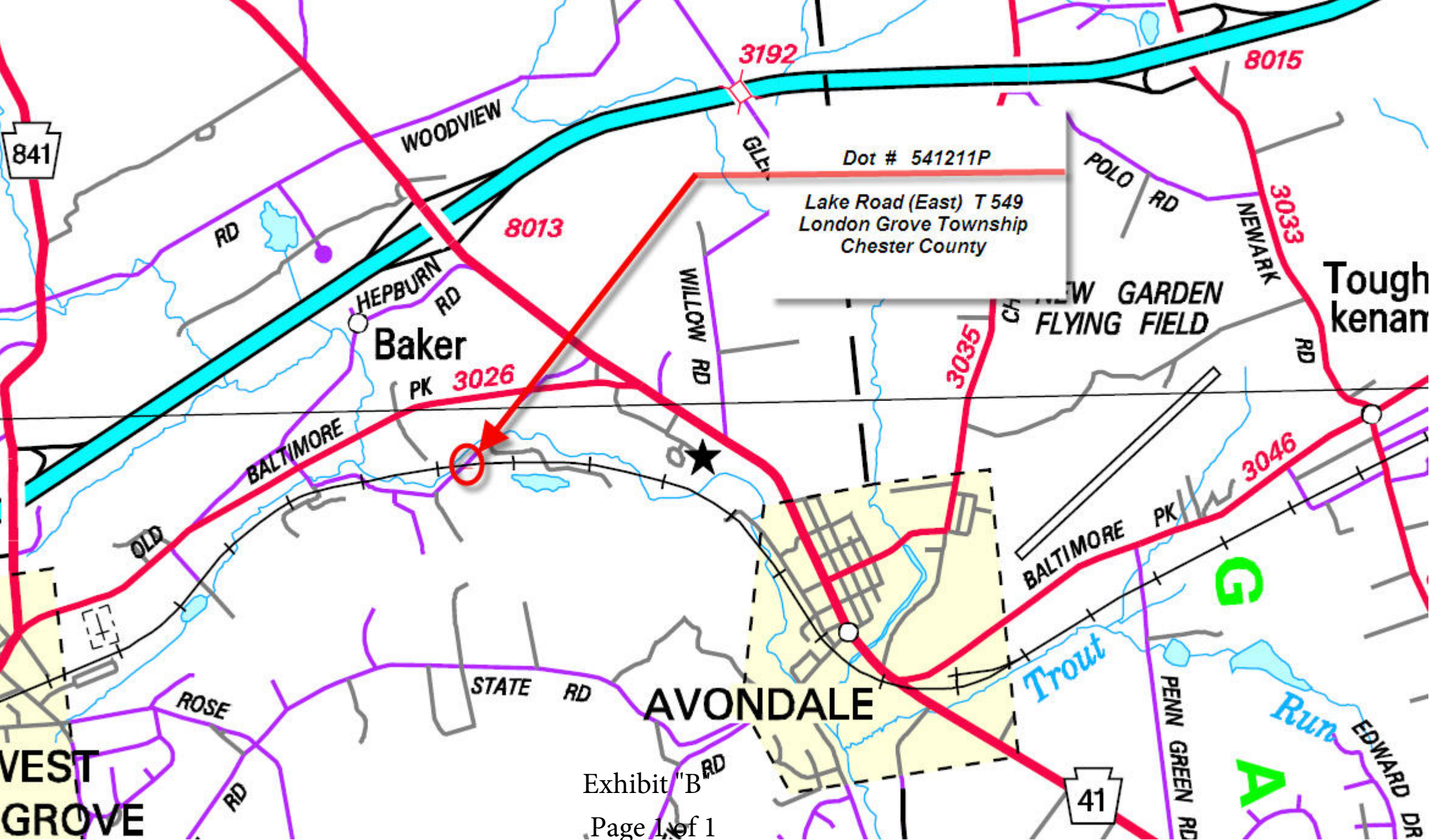
  
\_\_\_\_\_  
Municipality Signature

7/31/2024  
\_\_\_\_\_  
Date

As a result of this action, the municipality will receive a copy of the application that will be made by the Department to the PUC, which will then be followed by a letter from the PUC advising of a subsequent field conference at the crossing. Should there be any questions with regards to this matter, please call me at 610-205-6530, or call Abiy Abebe, Railroad Administrator I, at 610-205-6535.

Sincerely,  
*/s/ Mary Ann Lang*  
Mary Ann Lang  
Engineering District 6-0 Utility Manager  
Department of Transportation

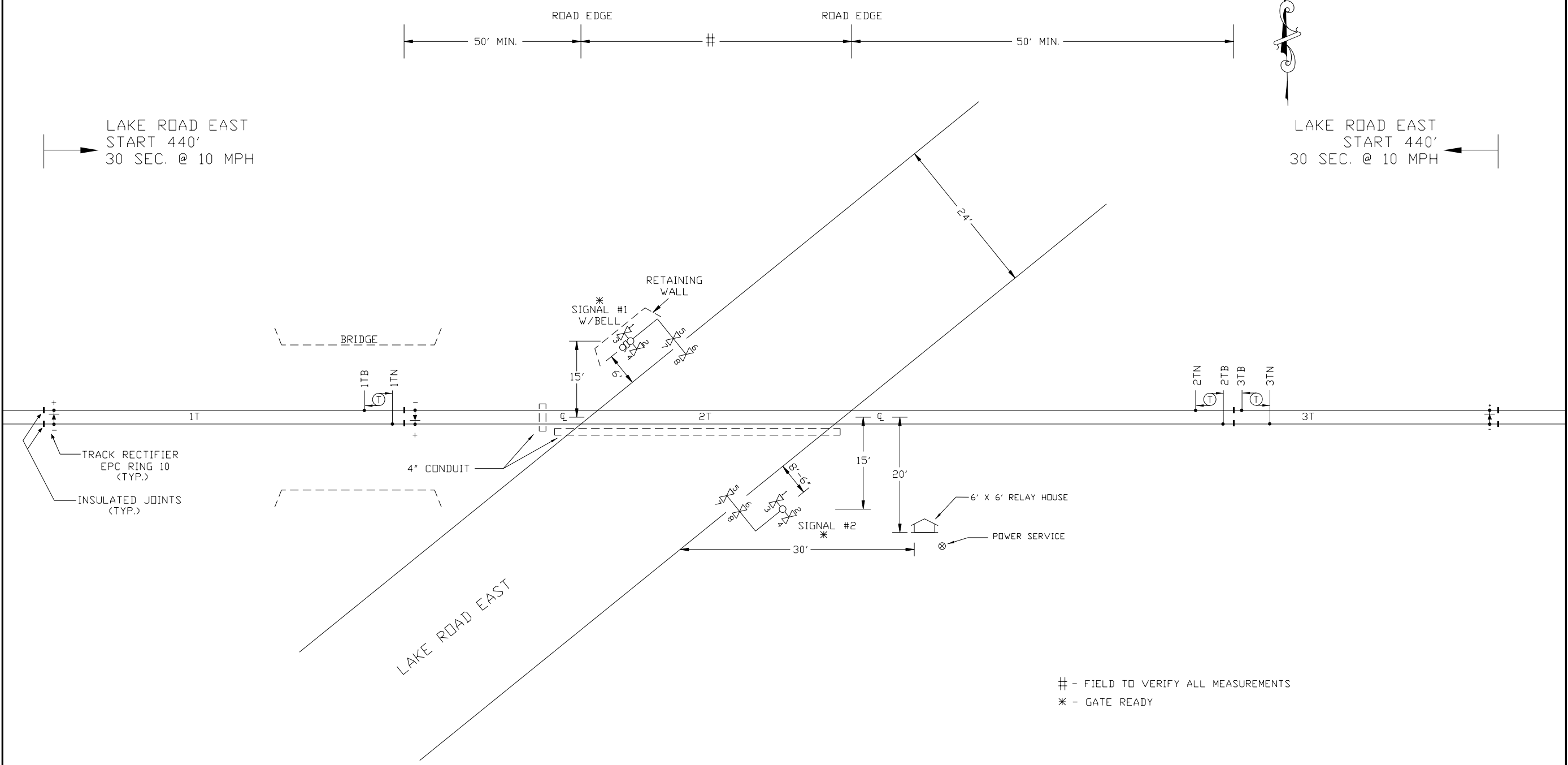
File: MPMS #s 118183 & 118184



Dot # 541211P  
Lake Road (East) T 549  
London Grove Township  
Chester County

WEST

EAST



# - FIELD TO VERIFY ALL MEASUREMENTS  
 \* - GATE READY

**Exhibit "C"**  
**Page 1 of 7**

**NOTES:**

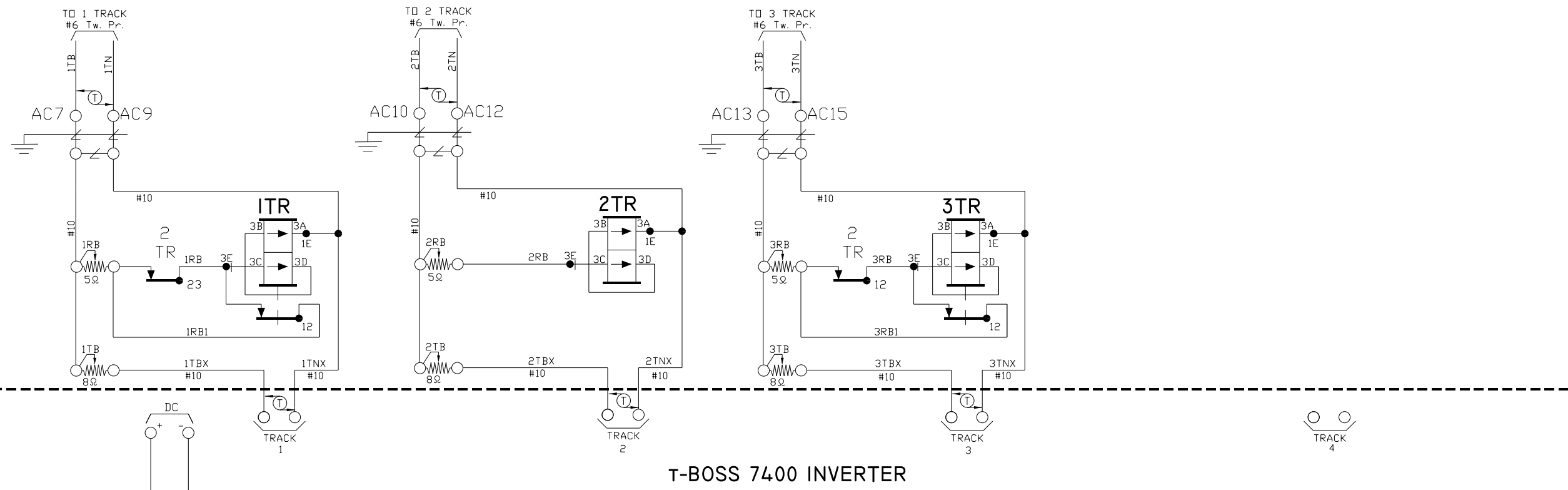
- MATERIAL & INSTALLATION TO BE IN ACCORDANCE WITH MUTCD, STATE AND RAILROAD STANDARDS.
- ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY DUE TO ACTUAL FIELD CONDITIONS.
- ALL FLASHING LIGHT SIGNALS TO BE LIGHT EMITTING DIODE (LED)
- Ⓢ DENOTES TWIST PAIR.
- ISLAND CIRCUIT MUST BE A MINIMUM OF 120' IN LENGTH

**CABLE RUN TABULATION**

HOUSE TO SIGNAL #1 (GATE READY)	- 7/C #6 UG CABLE
	- 7/C #14 UG CABLE
HOUSE TO SIGNAL #2 (GATE READY)	- 7/C #6 UG CABLE
	- 7/C #14 UG CABLE
HOUSE TO AC SERVICE	- 3/C #6 UG CABLE
HOUSE TO 1TN & 1TB	- 2/C #6 TW. PAIR UG CABLE
HOUSE TO 2TN & 2TB	- 2/C #6 TW. PAIR UG CABLE
HOUSE TO 3TN & 3TB	- 2/C #6 TW. PAIR UG CABLE

AS WIRED XX/XX/XXXX AS INSTALLED XX/XX/XXXX

<b>DIAMONDBACK SIGNAL</b> (410) 795-9601 5965 EXCHANGE DRIVE SUITE "D" SYKESVILLE, MD 21784	<b>EAST PENN RAILROAD          RAILROAD CROSSING WARNING DEVICES</b>	
	SCALE: NONE	APPROVED BY:
	DATE: 08/07/24	REVISIONS:
	<b>LAKE ROAD EAST DOT # 54I 2IIP MP. 39.30          AVONDALE, CHESTER COUNTY, PA</b>	
<b>TRACK &amp; CABLE PLAN</b>		DRAWING NUMBER



**\*WARNING\***  
 PLACING SWITCH TO THE  
 OUT-OF-SERVICE POSITION  
 COMPLETELY DISABLES THIS HIGHWAY  
 CROSSING WARNING SYSTEM. PROPER  
 AUTHORITIES MUST BE NOTIFIED  
 PRIOR TO OUT-OF-SERVICE.

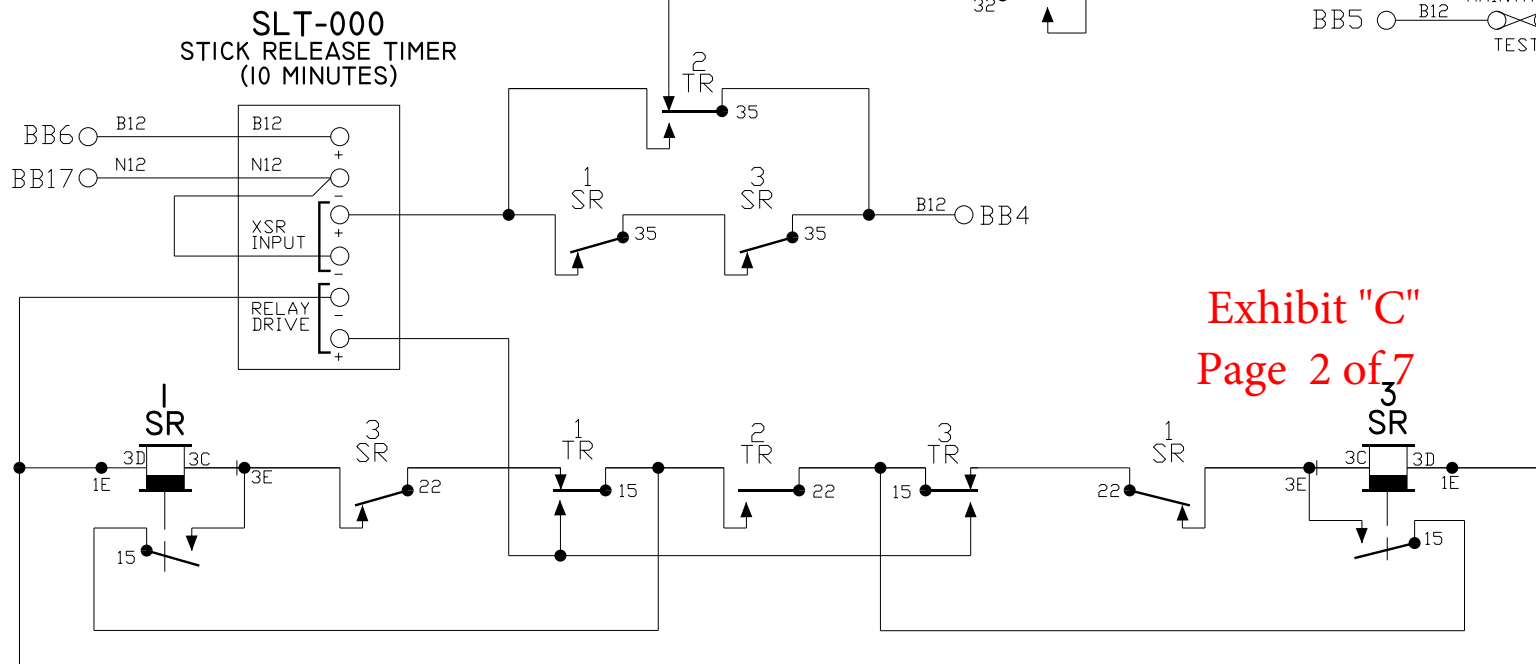
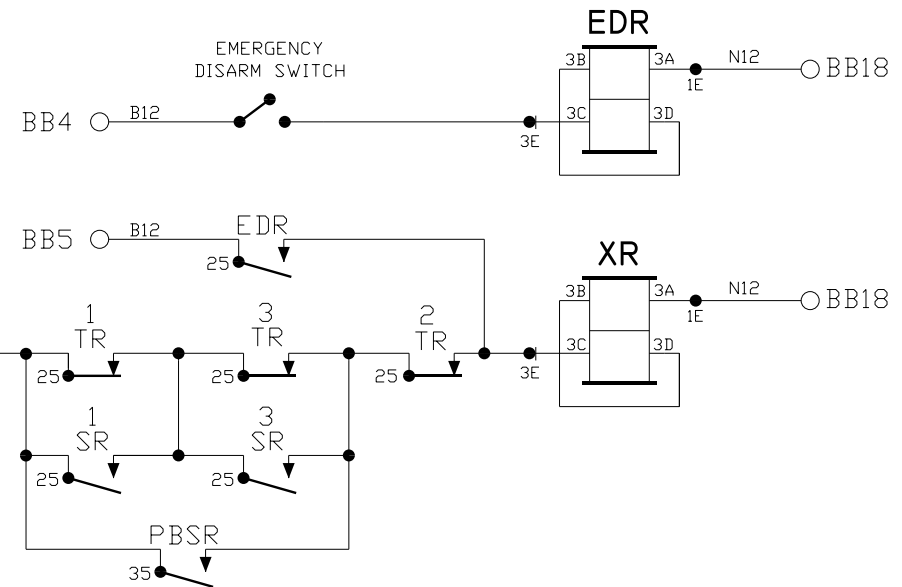
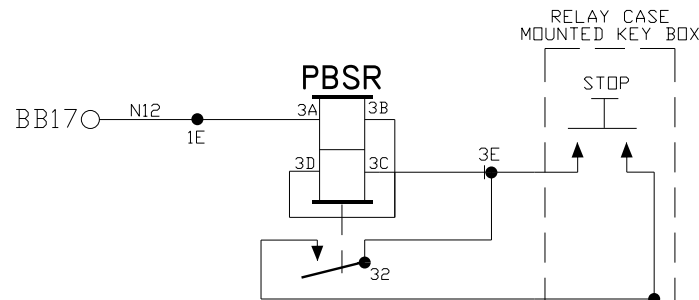


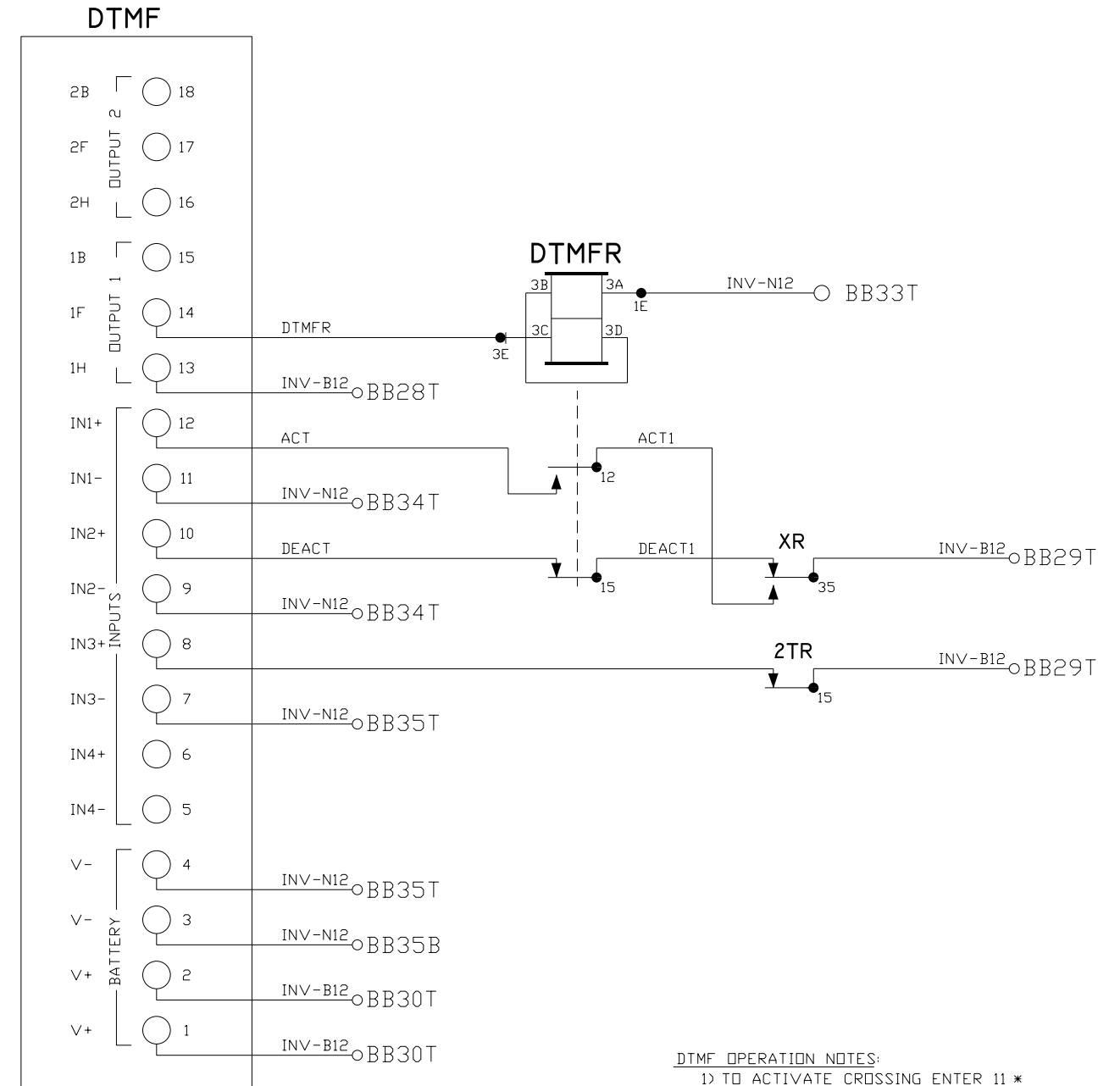
Exhibit "C"  
 Page 2 of 7

- NOTES:
1. ALL WIRE THIS SHEET IS #14 AWG FLEX UNLESS OTHERWISE NOTED.
  2. DENOTES TWISTED PAIR.

AS WIRED XX/XX/XXXX AS INSTALLED XX/XX/XXXX

**DIAMONDBACK SIGNAL**  
 (410) 795-9601  
 5965 EXCHANGE DRIVE  
 SUITE "D"  
 SYKESVILLE, MD  
 21784

EAST PENN RAILROAD RAILROAD CROSSING WARNING DEVICES		
SCALE: NONE	APPROVED BY:	DRAWN BY: NST
DATE: 08/07/24		REVISED:
LAKE ROAD EAST DOT # 541 211P MP. 39.30 AVONDALE, CHESTER COUNTY, PA		
CIRCUIT PLAN "A"		DRAWING NUMBER



DTMF OPERATION NOTES:  
 1) TO ACTIVATE CROSSING ENTER 11 \*  
 2) TO DEACTIVATE CROSSING ENTER 11 #  
 3) 10 MINUTE TIME OUT  
 4) INPUT 3 RESETS

CONSTRUCTION NOTE:  
 ☆ - FIELD TO PROVIDE DTMF CHANNEL BETWEEN 1 AND 8.

☆ CHANNEL FREQUENCY-160.545

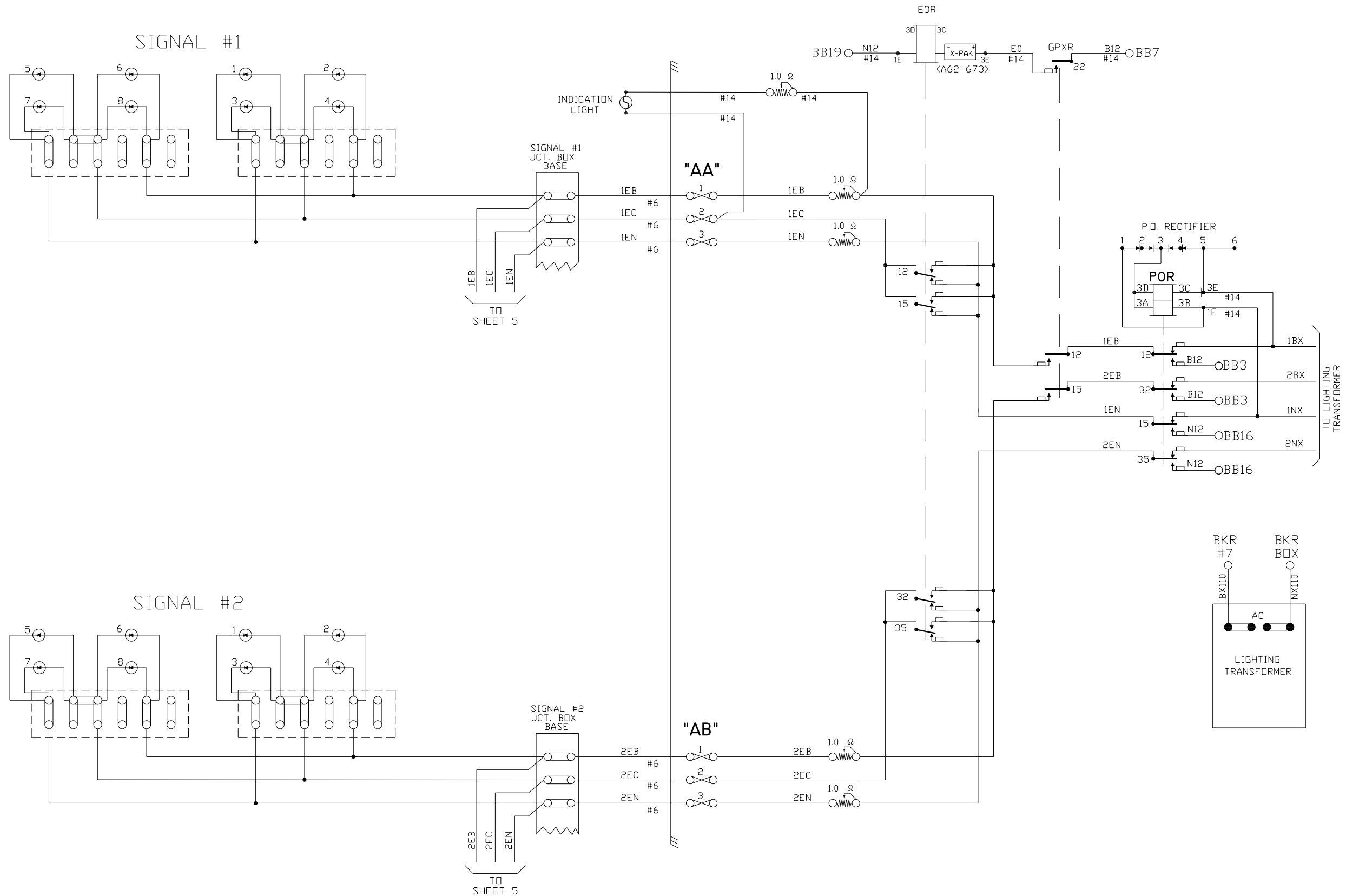
NOTE:  
 1. ALL WIRE THIS SHEET IS #14 AWG FLEX UNLESS OTHERWISE NOTED.

Exhibit "C"  
 Page 3 of 7

SHEET 3 OF 7

AS WIRED XX/XX/XXXX AS INSTALLED XX/XX/XXXX

<b>DIAMONDBACK SIGNAL</b>		EAST PENN RAILROAD RAILROAD CROSSING WARNING DEVICES	
(410) 795-9601 5965 EXCHANGE DRIVE SUITE "D" SYKESVILLE, MD 21784		DATE: 08/07/24	DRAWN BY: NST
		LAKE ROAD EAST DOT # 541 211P MP. 39.30 AVONDALE, CHESTER COUNTY, PA	
CIRCUIT PLAN "B"		DRAWING NUMBER	



- NOTES:
1. ALL WIRE THIS SHEET IS #10 AWG. FLEX UNLESS OTHERWISE NOTED.
  2. FLASHER RELAY W/X-PAK (A62-673)

Exhibit "C"  
Page 3 of 7

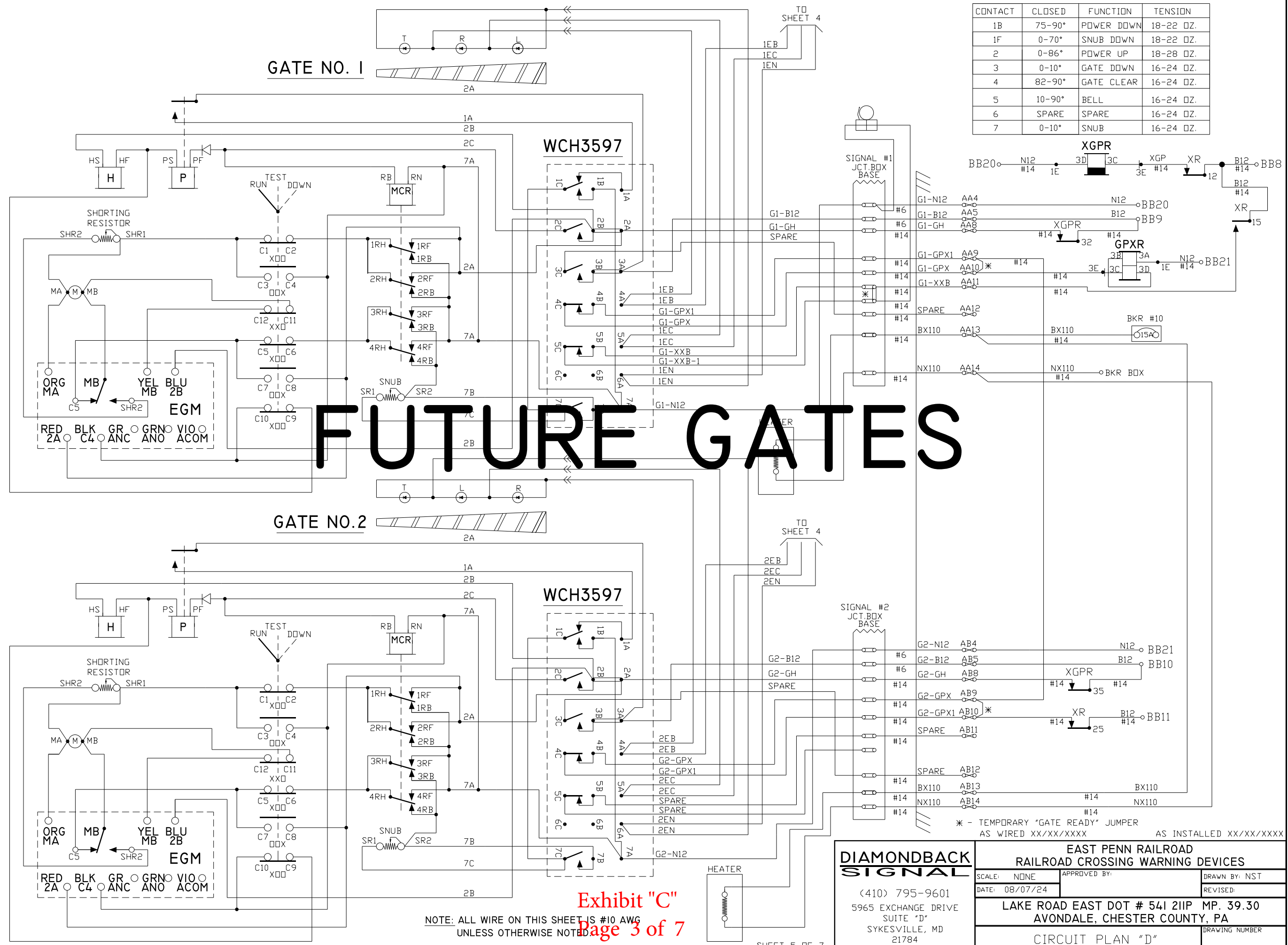
SHEET 4 OF 7

<b>DIAMONDBACK SIGNAL</b> (410) 795-9601 5965 EXCHANGE DRIVE SUITE "D" SYKESVILLE, MD 21784		AS WIRED XX/XX/XXXX		AS INSTALLED XX/XX/XXXX	
		<b>EAST PENN RAILROAD RAILROAD CROSSING WARNING DEVICES</b>			
SCALE: NONE	APPROVED BY:	DRAWN BY: NST		REVISION:	
DATE: 08/07/24		LAKE ROAD EAST DOT # 541 211P MP. 39.30		DRAWING NUMBER	
		AVONDALE, CHESTER COUNTY, PA			
		CIRCUIT PLAN "C"			

GATE NO. 1

GATE NO. 2

CONTACT	CLOSED	FUNCTION	TENSION
1B	75-90°	POWER DOWN	18-22 OZ.
1F	0-70°	SNUB DOWN	18-22 OZ.
2	0-86°	POWER UP	18-28 OZ.
3	0-10°	GATE DOWN	16-24 OZ.
4	82-90°	GATE CLEAR	16-24 OZ.
5	10-90°	BELL	16-24 OZ.
6	SPARE	SPARE	16-24 OZ.
7	0-10°	SNUB	16-24 OZ.



FUTURE GATES

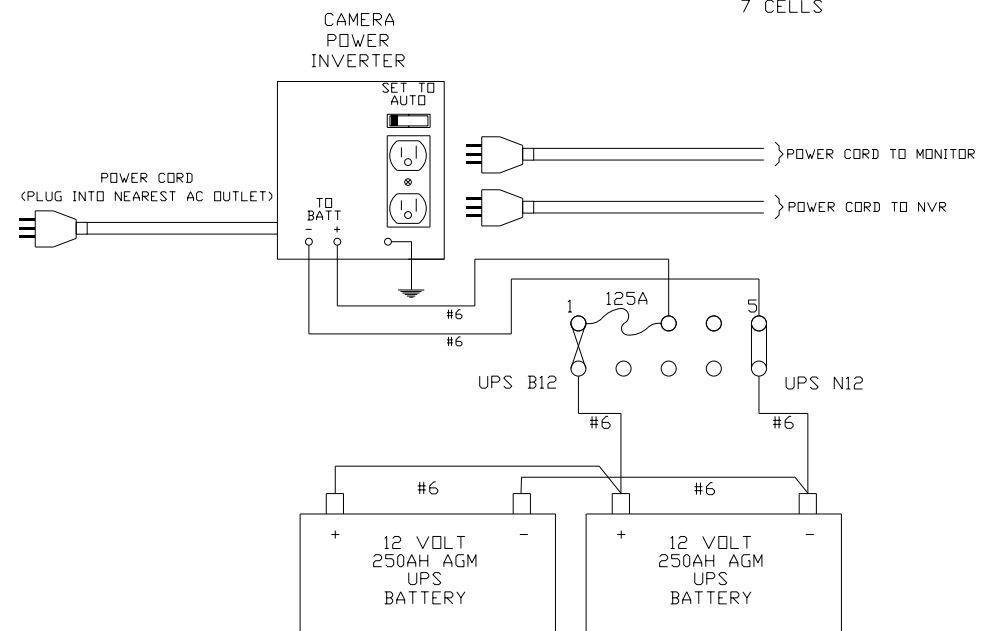
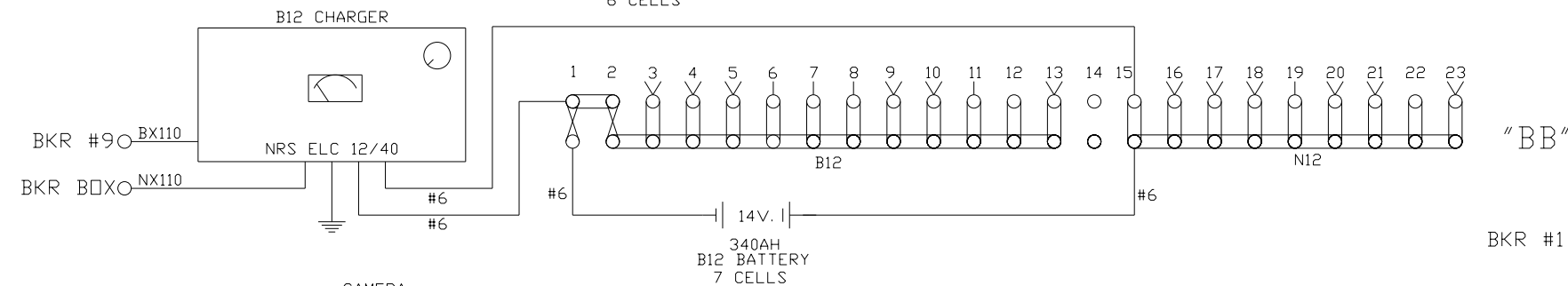
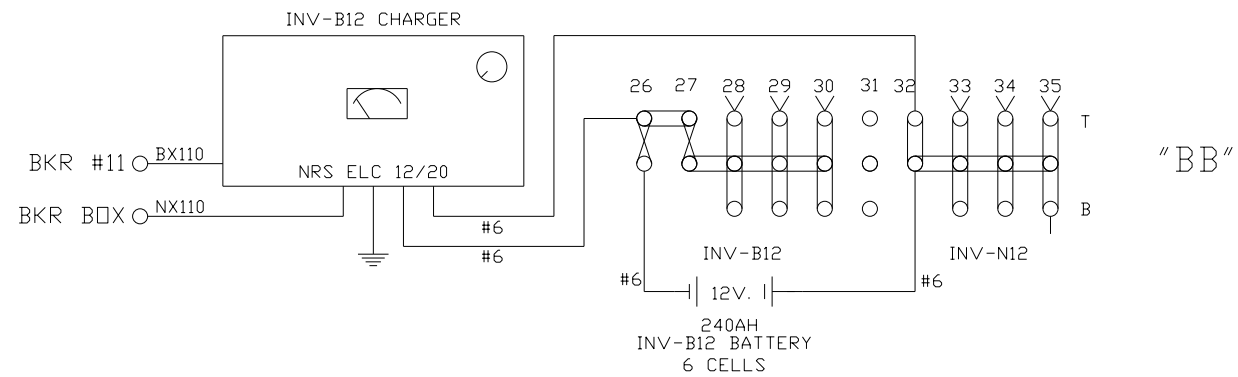
\* - TEMPORARY "GATE READY" JUMPER AS WIRED XX/XX/XXXX AS INSTALLED XX/XX/XXXX

NOTE: ALL WIRE ON THIS SHEET IS #10 AWG UNLESS OTHERWISE NOTED

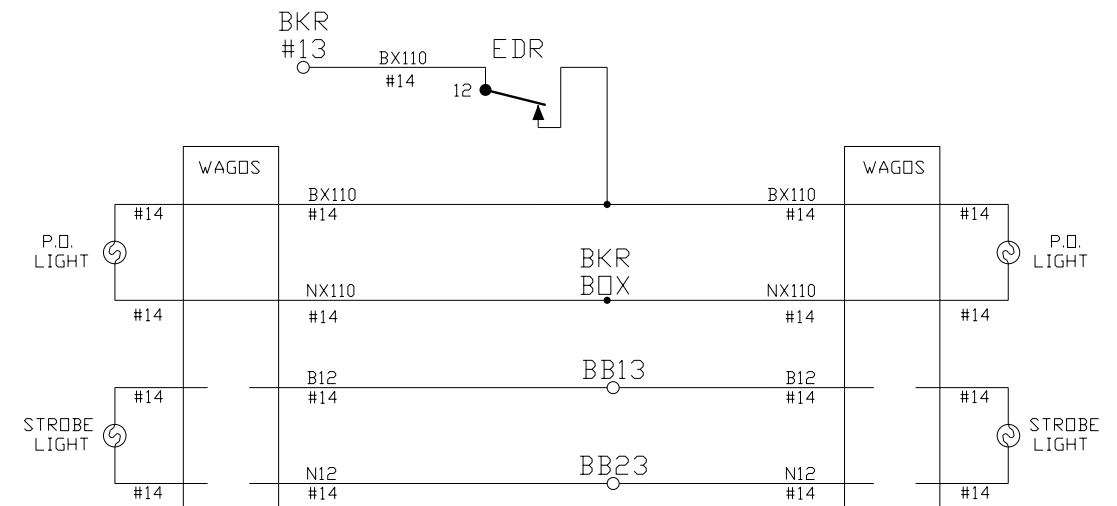
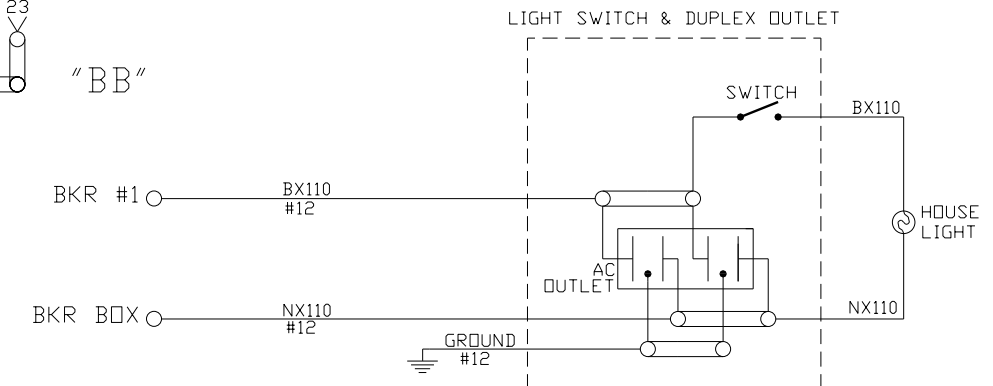
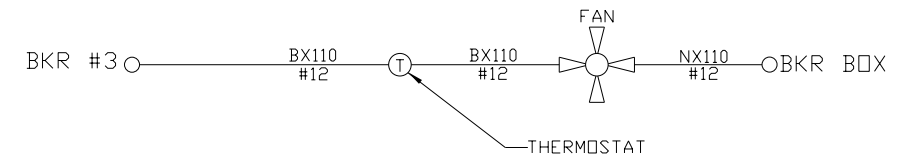
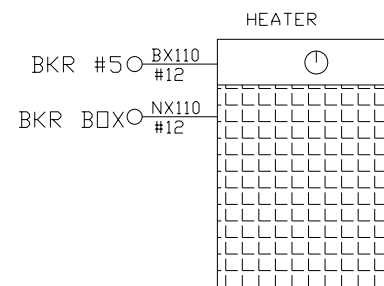
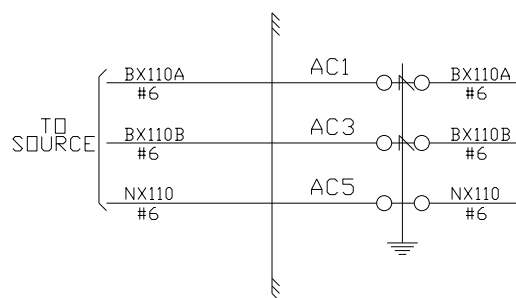
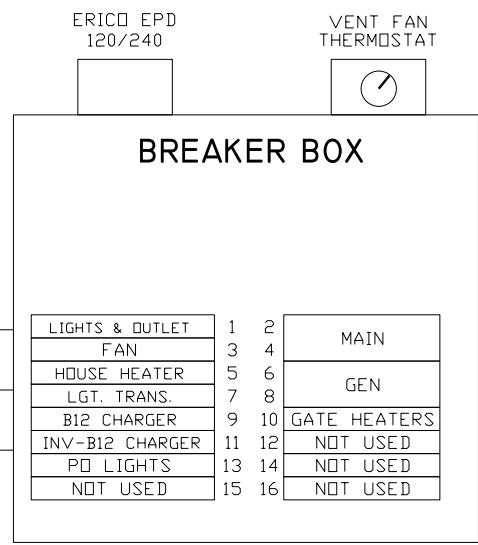
Exhibit "C"  
Page 3 of 7

**DIAMONDBACK SIGNAL**  
 (410) 795-9601  
 5965 EXCHANGE DRIVE  
 SUITE "D"  
 SYKESVILLE, MD 21784

EAST PENN RAILROAD RAILROAD CROSSING WARNING DEVICES		
SCALE: NONE	APPROVED BY:	DRAWN BY: NST
DATE: 08/07/24		REVISED:
LAKE ROAD EAST DOT # 541 211P MP. 39.30 AVONDALE, CHESTER COUNTY, PA		DRAWING NUMBER
CIRCUIT PLAN "D"		



"CB"



NOTE:  
ALL WIRE THIS SHEET IS #10 AWG FLEX  
UNLESS OTHERWISE NOTED.

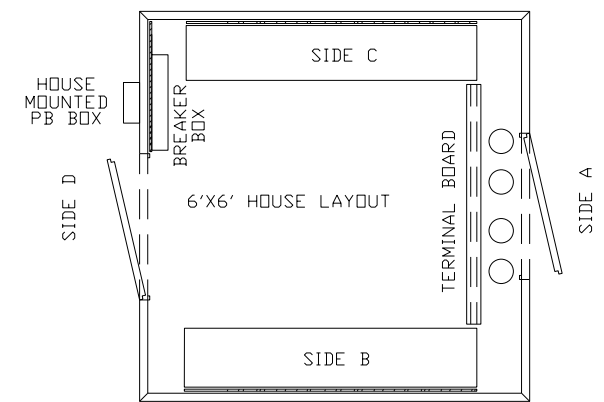
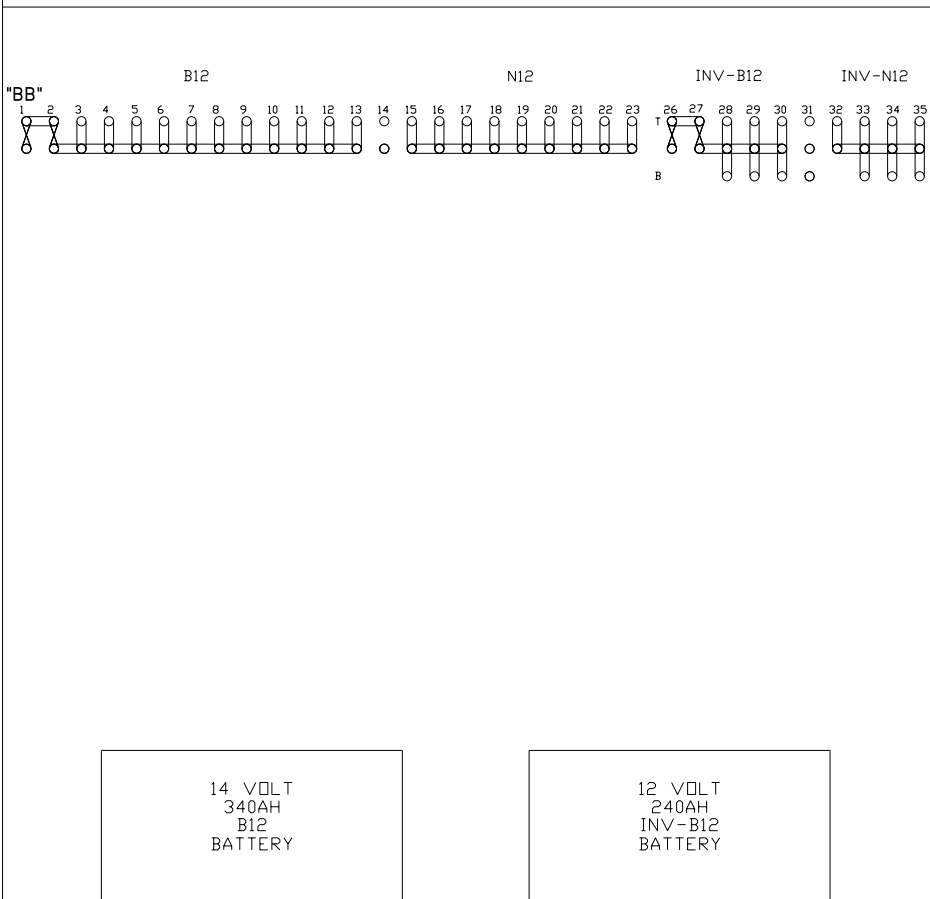
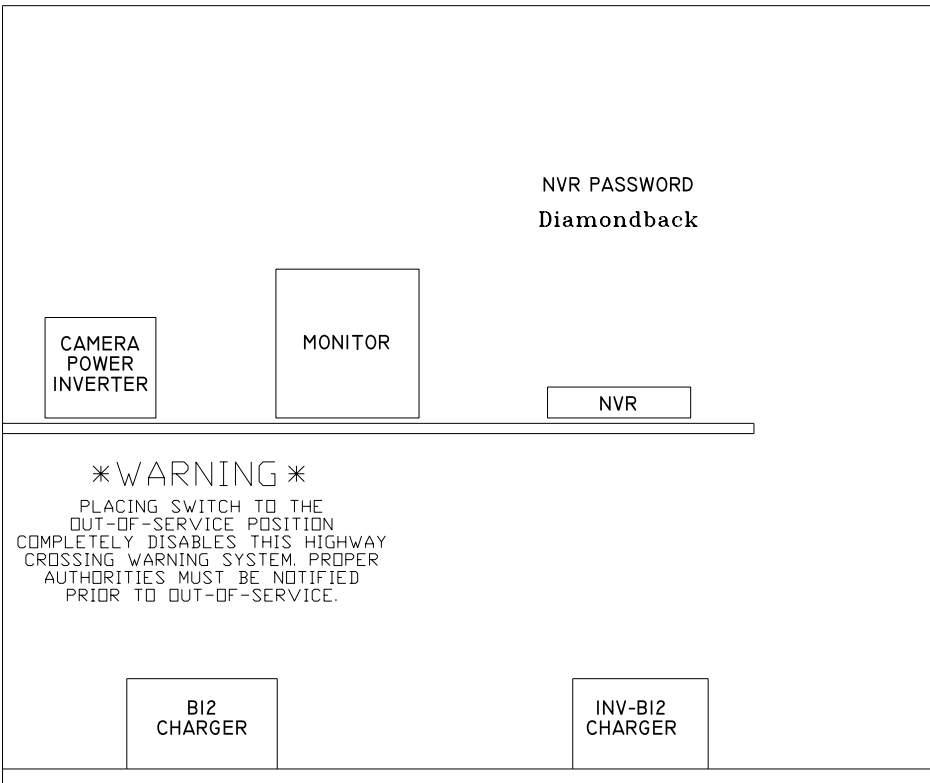
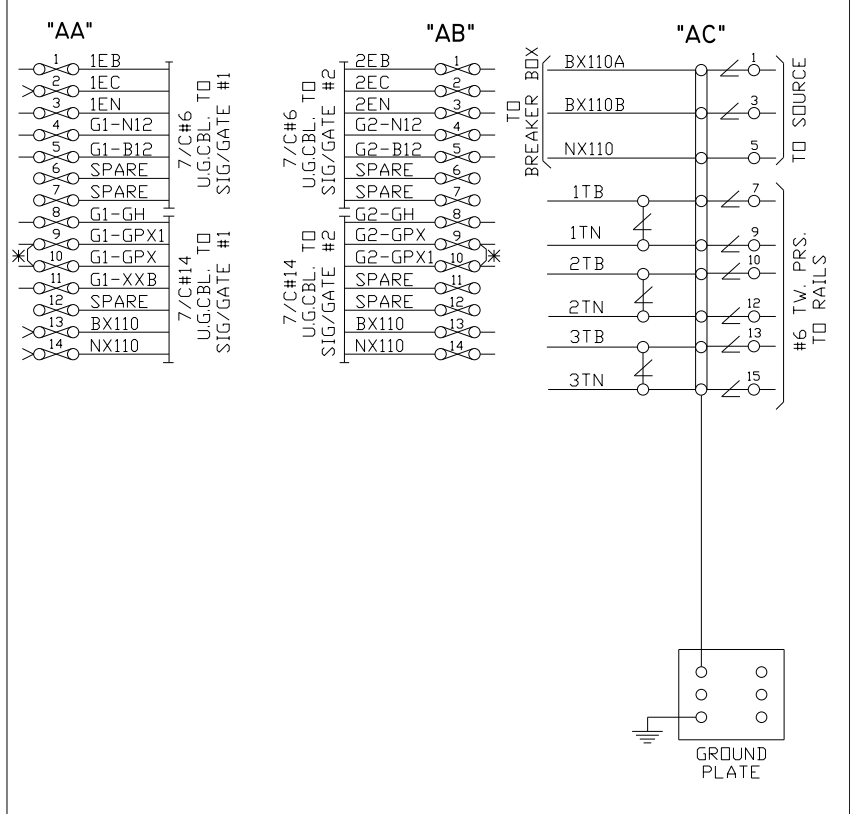
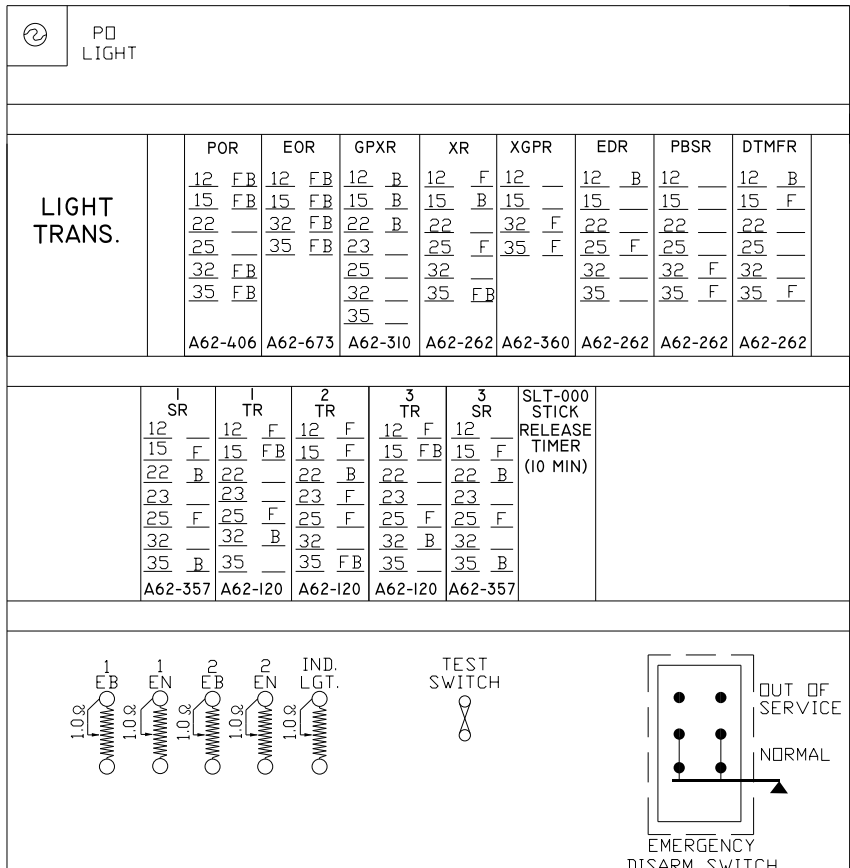
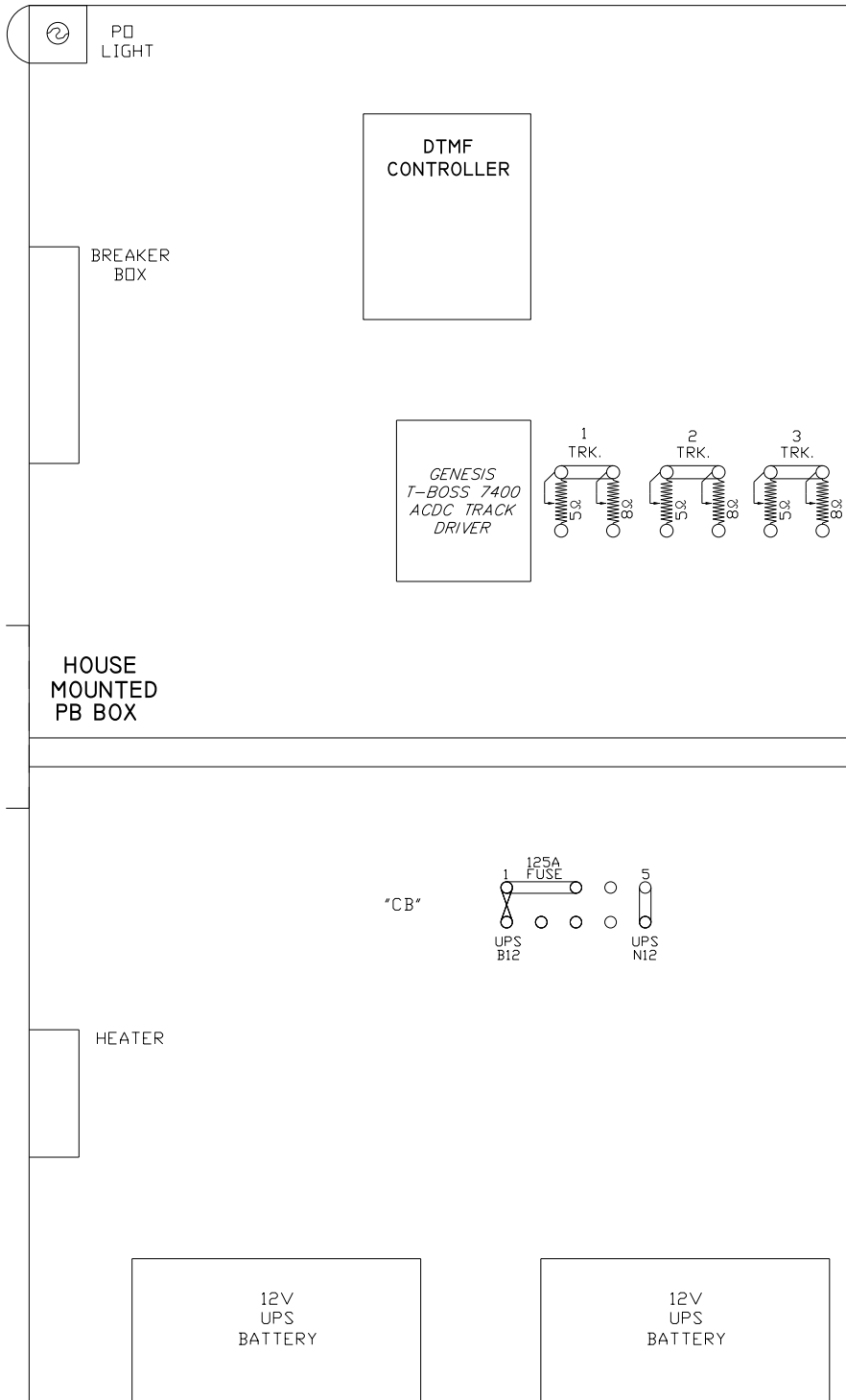
AS WIRED XX/XX/XXXX AS INSTALLED XX/XX/XXXX

<b>DIAMONDBACK SIGNAL</b> (410) 795-9601 5965 EXCHANGE DRIVE SUITE "D" SYKESVILLE, MD 21784	<b>EAST PENN RAILROAD</b> <b>RAILROAD CROSSING WARNING DEVICES</b>	
	SCALE: NONE DATE: 08/07/24	APPROVED BY:
LAKE ROAD EAST DOT # 541 211P MP. 39.30 AVONDALE, CHESTER COUNTY, PA		DRAWING NUMBER
CIRCUI PLAN "E"		

SIDE "C"

SIDE "A"

SIDE "B"



AS WIRED XX/XX/XXXX AS INSTALLED XX/XX/XXXX

**DIAMONDBACK SIGNAL**

(410) 795-9601  
5965 EXCHANGE DRIVE  
SUITE "D"  
SYKESVILLE, MD 21784

**EAST PENN RAILROAD RAILROAD CROSSING WARNING DEVICES**

SCALE: NONE APPROVED BY: DRAWN BY: NST  
DATE: 08/07/24 REVISED:

LAKE ROAD EAST DOT # 541 211P MP. 39.30  
AVONDALE, CHESTER COUNTY, PA

RELAY HOUSE LAYOUT DRAWING NUMBER