

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-West (T-549) crosses the track of East Penn Railroad LLC, DOT Number 534 646 S, 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, 7th Flr, CKB
Karen L Cummings, Senior Counsel, Office of Chief Counsel, 9th Flr, CKB
William M. Sinick P.E., Supervisor, Rail Safety Engineering Section PUC, 3rd 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-West (T-549) crosses the tracks of East Penn Railroad LLC, DOT Number 534 646 S, 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 West crosses tracks of East Penn Railroad, LLC. at DOT Number 534 646 S 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 filling 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
P.O Box 3362
Harrisburg PA 17105-3362
marchappel@pa.gov

Karen L. Cummings,
Office of Chief Counsel
Pennsylvania Department of Transportation
P. O. Box 8212
Harrisburg PA 17105-8212
kcummings@pa.gov

5. The Applicant is seeking approval to alter Lake Road-West 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-West is unknown.

8. The estimated total cost for the project subject to the application and described above is \$334,010.00. The Applicant anticipates the funding for the project will be 100% federal funds funds.

9. This project is necessary and proper for the safety and convenience of the public.

10. 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

Date 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-West (T-549) crosses the tracks of East Penn Railroad LLC, DOT Number 534 646 S, 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-West (T-549) crosses the tracks of East Penn Railroad LLC, DOT Number 534 646 S, 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

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

Greg McCummings, Manager
West Grove Borough
117 Rosehill Avenue
P O Box 61
West Grove, PA 19390-0061
gmcummings@westgroveborough.org

Mike Kimberly, Construction Coordinator
Comcast Cable Communications
190 Shoemaker Road
Pottstown, PA 19464
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

Keith Johnston, Construction Supv
Chester Water Authority
415 Welsh Street
P O BOX 467
Chester, PA 19013
kmjohnston@chesterwater.com

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

Karen Linaweaver, Manager
London Grove Twp Municipal Authority
372 Rose Hill Road Suite 300
West Grove, PA 19390
klinaweaver@londongrove.org

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

Pete Dettling, Program Manager
PECO Energy Company
1050 W Swedesford Road
Berwyn, PA 19312
Charles.Dettling@exeloncorp.com

Scott Nubbemeyer, Highway Engineer
Verizon Pennsylvania, LLC
1050 Virginia Drive
Fort Washington, PA 19034
scott.nubbemeyer@verizon.com

Philip Deater, Sr. OSP Engineer
United Fiber Data
210 York Street – Suite 200
York, PA 17403
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");

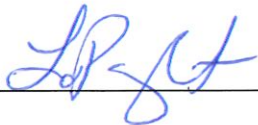
NOW THEREFORE, BE IT RESOLVED by the Board of Supervisors of the Township of London Grove, as follows:

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.

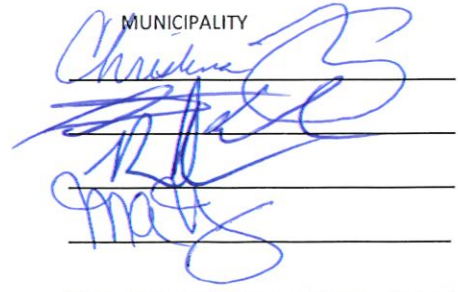
ADOPTED this 13th day of November 2024.

ATTEST: _____



London Grove Township

MUNICIPALITY





May 15,2024

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

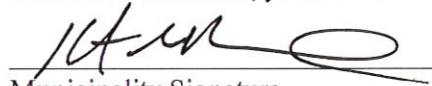
Re: Chester County
London Grove Township
At-grade RR Crossings
Lake Road-East and Lake Road -West RR crossings
DOT # 541 211 P and 534 646 S
MPMS # 118184 and 118183

Dear Battin:

As you may be aware, the Commonwealth of Pennsylvania, Department of Transportiaion (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 willseek 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 recieve 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 Uiltiy Manager
Department of Transportation

File: MPMS #s 118183 &118184



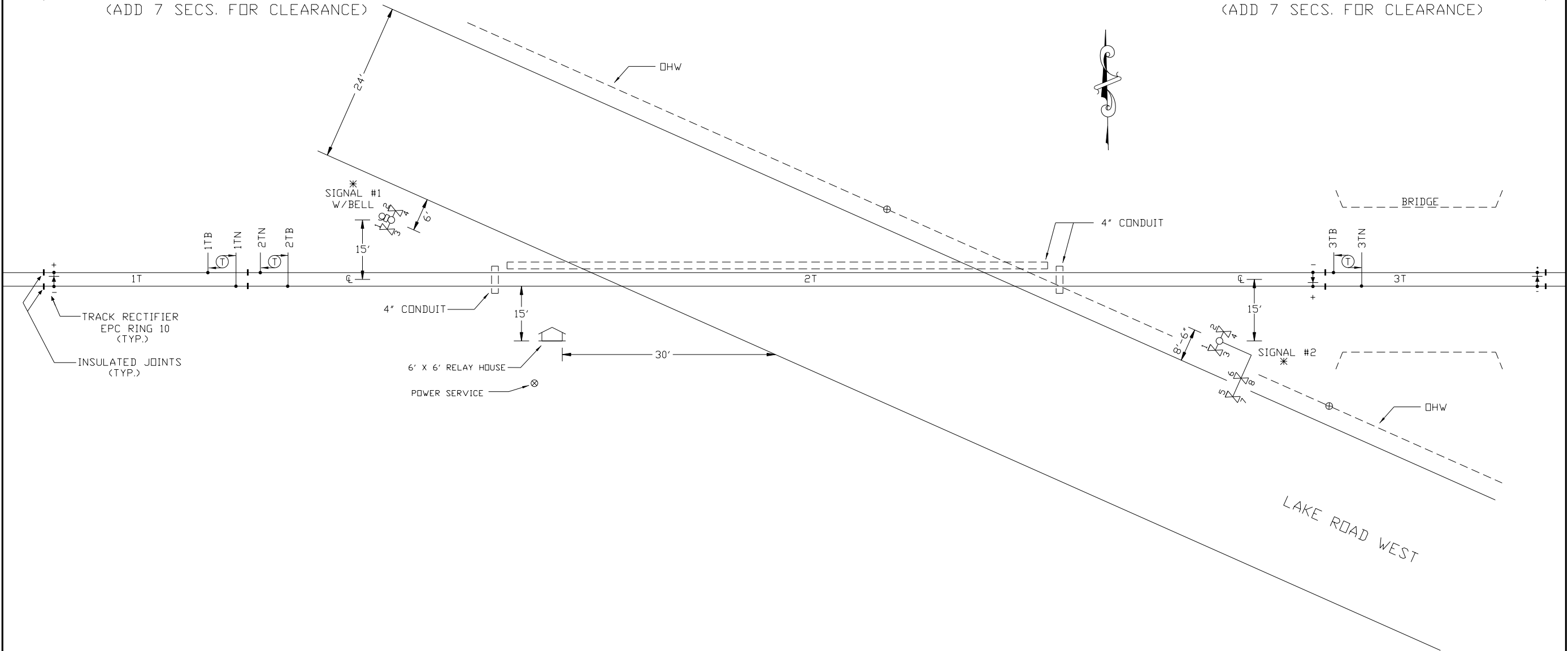
8013 Dot # 534646S
Lake Road - West (T 549)
London Grove Township
Chester County

Exhibit "B"
Page 1 of 1



LAKE ROAD WEST
START 544'
37 SEC. @ 10 MPH
(ADD 7 SECS. FOR CLEARANCE)

LAKE ROAD WEST
START 544'
37 SEC. @ 10 MPH
(ADD 7 SECS. FOR CLEARANCE)



- 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

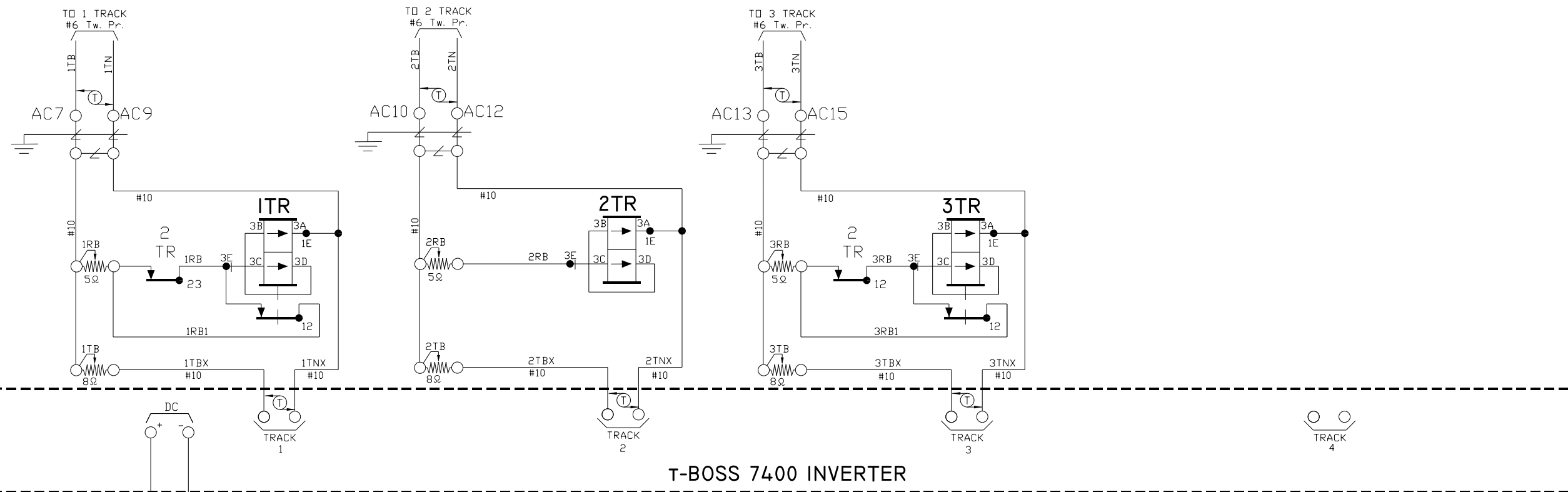
CABLE RUN TABULATION

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

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 WEST DOT # 534 646S MP. 38.94 AVONDALE, CHESTER COUNTY, PA | | |
| TRACK & CABLE PLAN | | DRAWING NUMBER |



T-BOSS 7400 INVERTER

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.

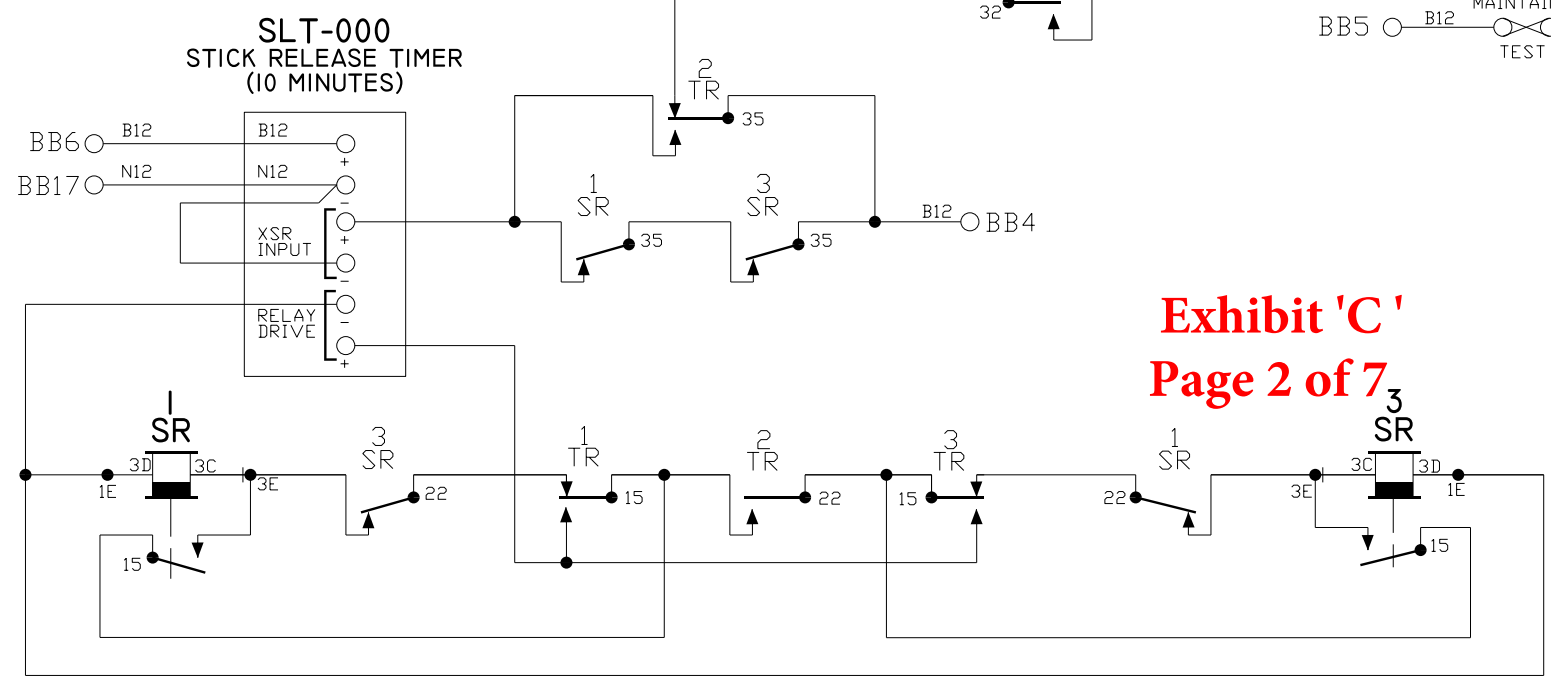
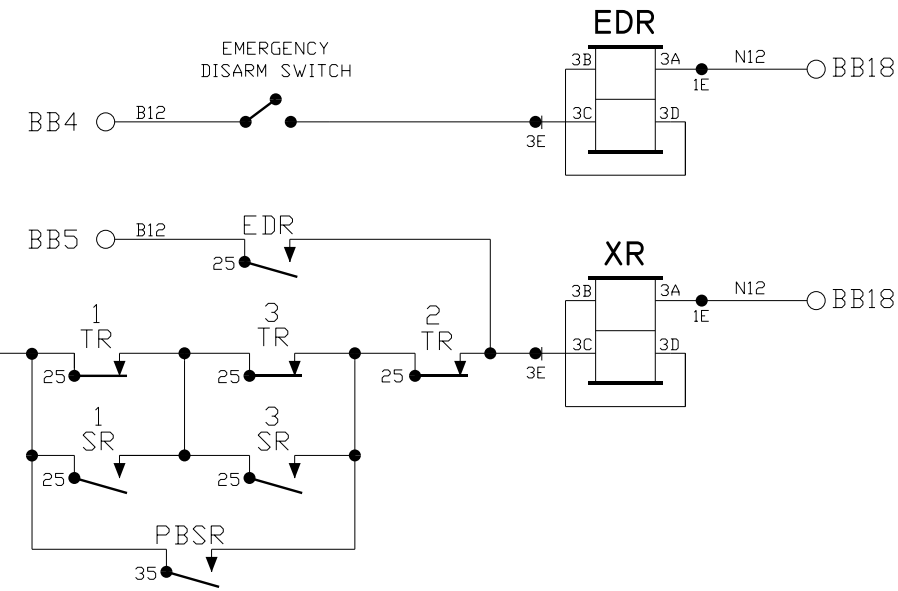
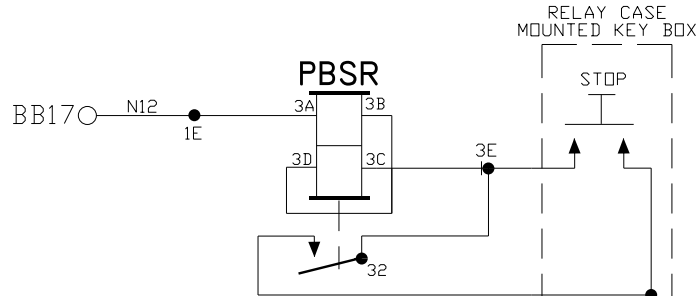
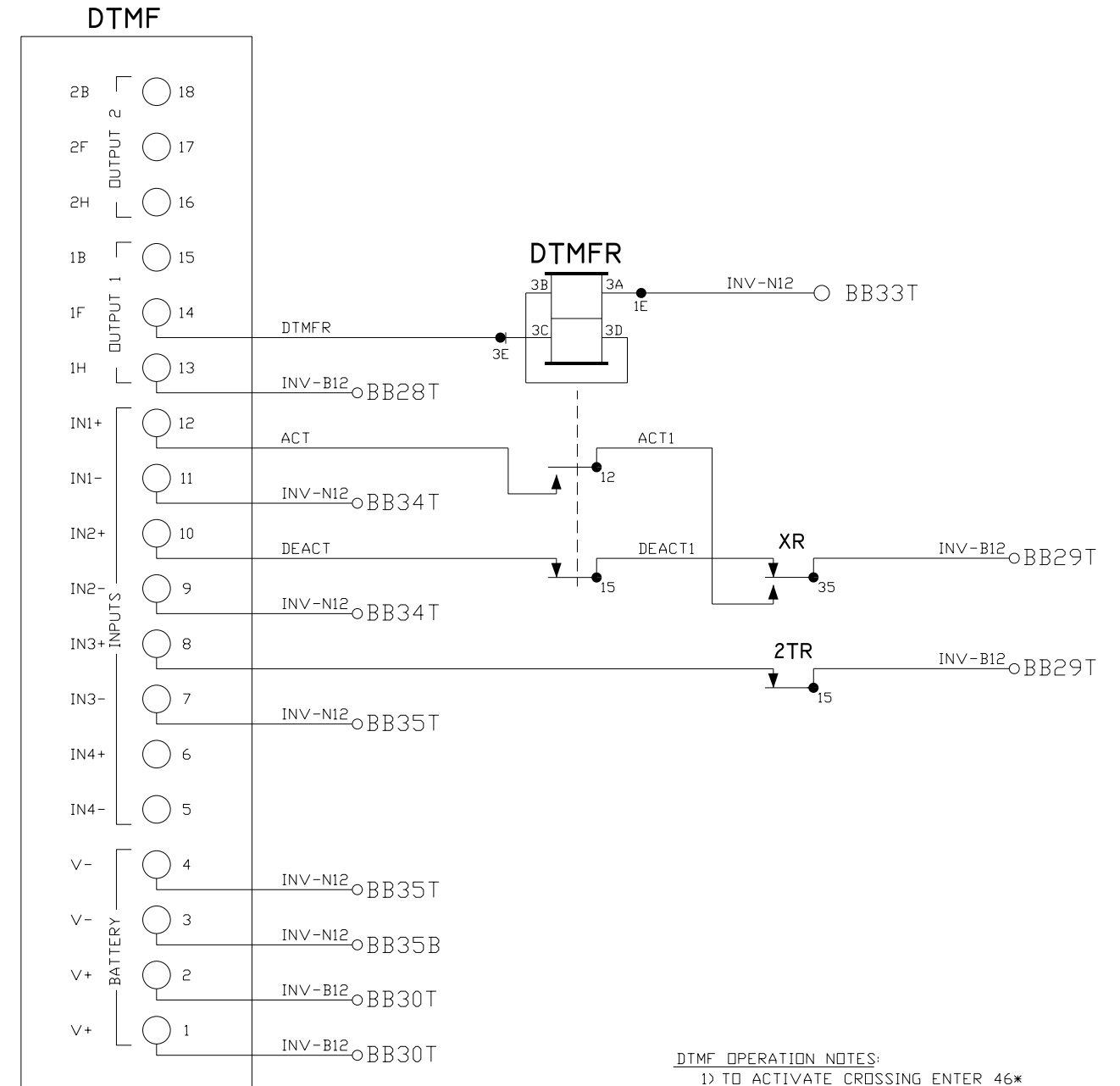


Exhibit 'C'
Page 2 of 7

- 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: |
| | | DATE: 08/07/24 | DRAWN BY: NST |
| LAKE ROAD WEST DOT # 534 646S MP. 38.94 AVONDALE, CHESTER COUNTY, PA | | REVISED: | |
| CIRCUIT PLAN "A" | | DRAWING NUMBER | |



DTMF OPERATION NOTES:
 1) TO ACTIVATE CROSSING ENTER 46*
 2) TO DEACTIVATE CROSSING ENTER 46#
 3) 10 MINUTE TIME OUT
 4) INPUT 3 RESETS

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

☆ CHANNEL FREQUENCY-160.545

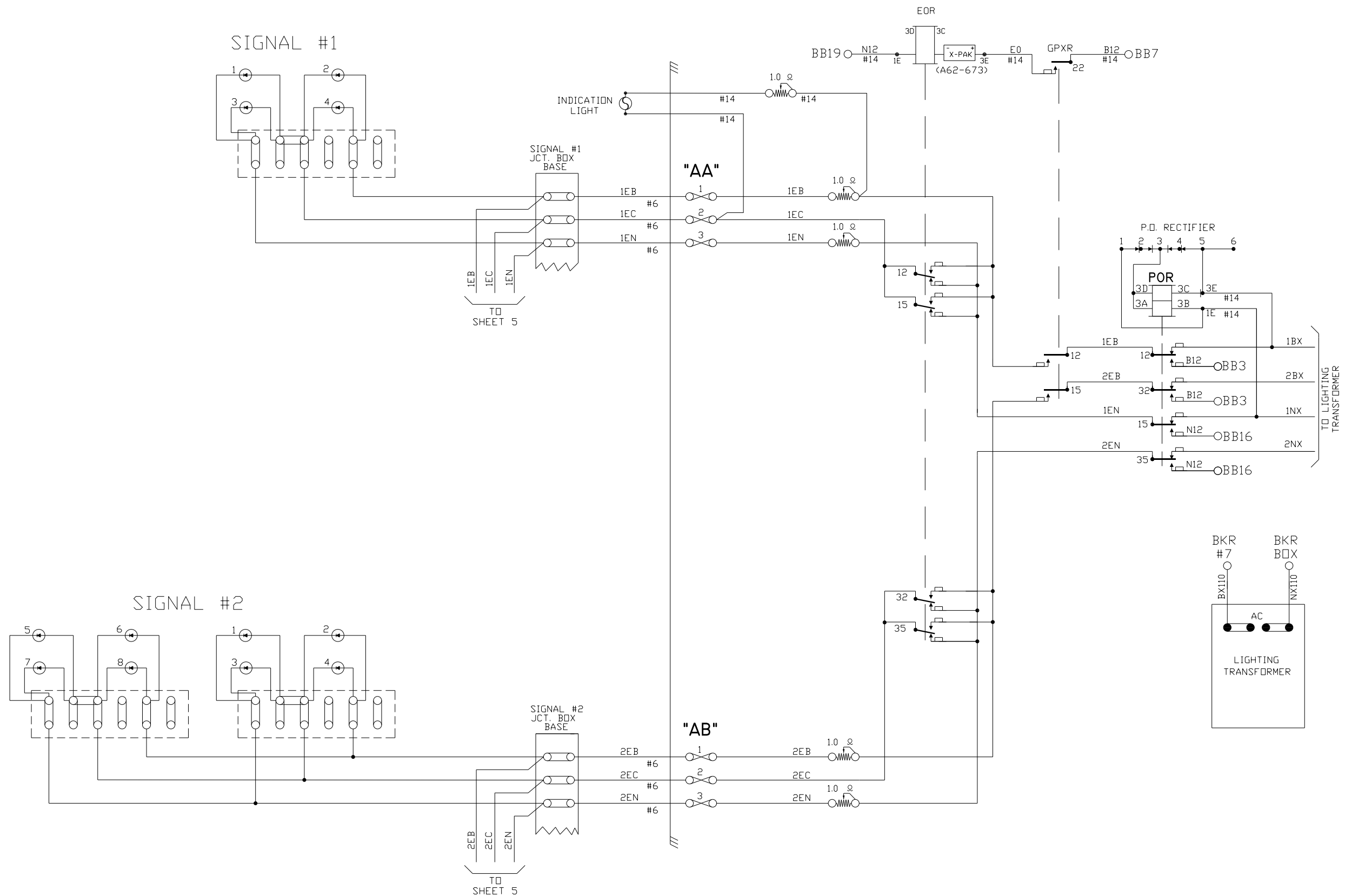
NOTE:
 1. ALL WIRE THIS SHEET IS #14 AWG FLEX UNLESS OTHERWISE NOTED.

Exhibit "C"
Page 3 of 7

SHEET 3 OF 7

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

| | | | |
|---|--|---|---------------|
| DIAMONDBACK SIGNAL | | 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 WEST DOT # 534 646S MP. 38.94 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 4 of 7

SHEET 4 OF 7

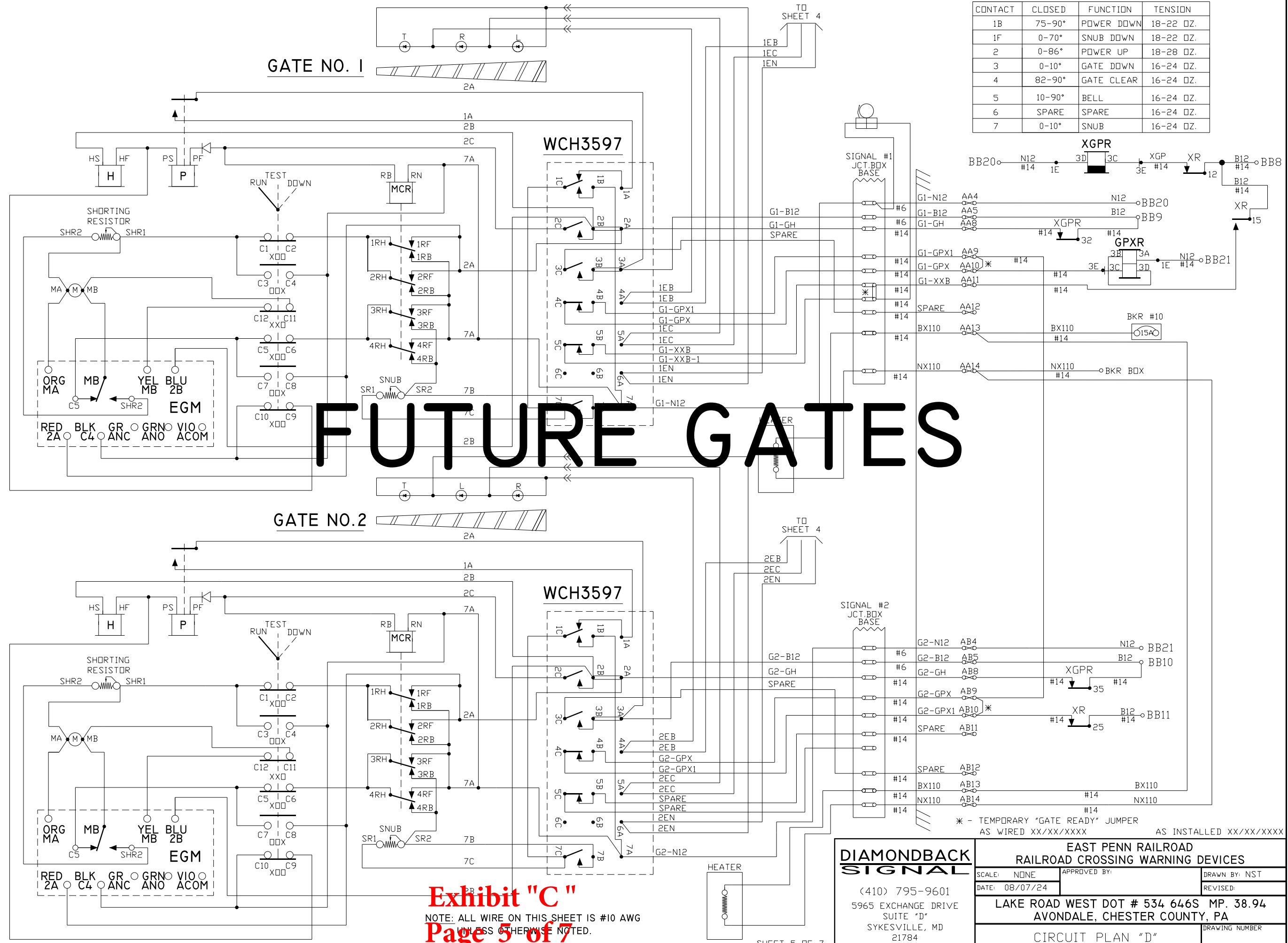
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|---|--------------|---|---------------|-------------------------|--|
| DIAMONDBACK SIGNAL (410) 795-9601 5965 EXCHANGE DRIVE SUITE "D" SYKESVILLE, MD 21784 | | AS WIRED XX/XX/XXXX | | AS INSTALLED XX/XX/XXXX | |
| | | EAST PENN RAILROAD RAILROAD CROSSING WARNING DEVICES | | | |
| SCALE: NONE | APPROVED BY: | | DRAWN BY: NST | | |
| DATE: 08/07/24 | REVISER: | | REVISION: | | |
| LAKE ROAD WEST DOT # 534 646S MP. 38.94 AVONDALE, CHESTER COUNTY, PA | | | | DRAWING NUMBER | |
| 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

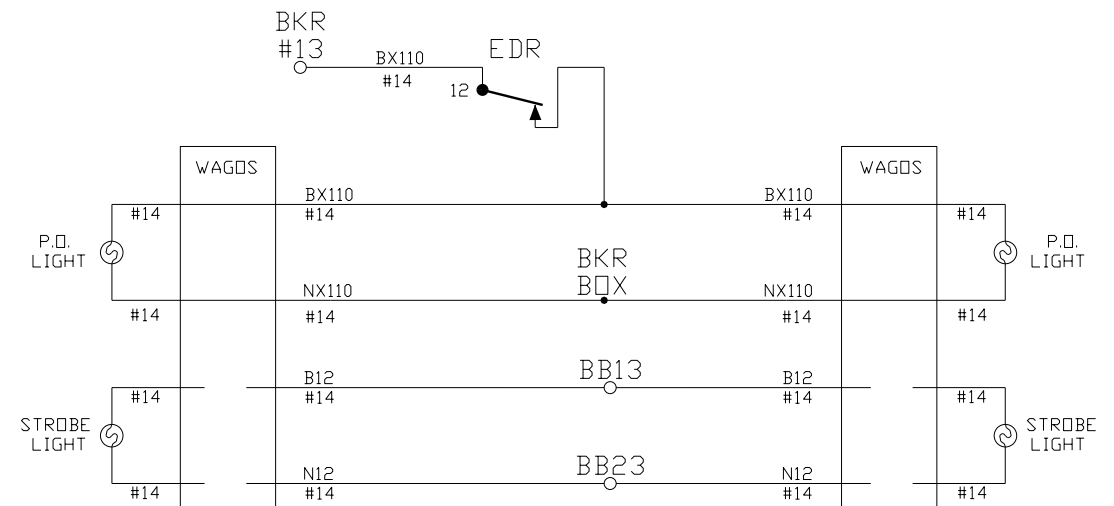
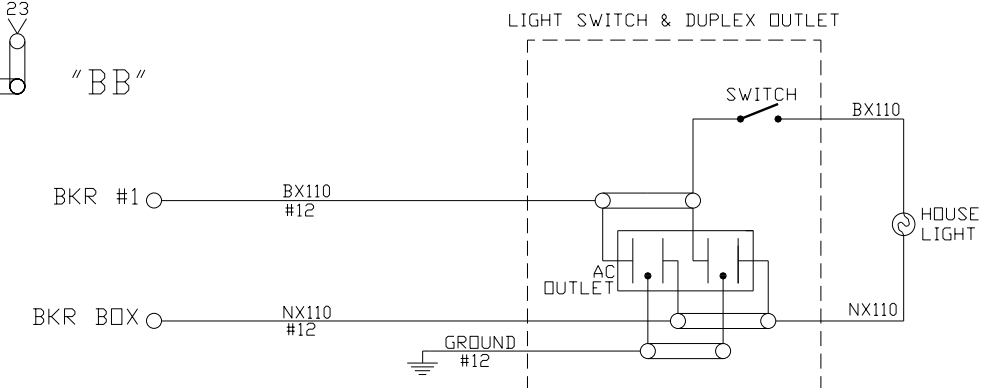
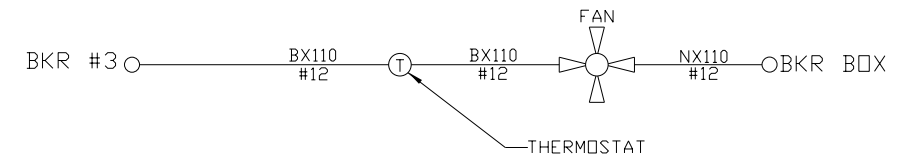
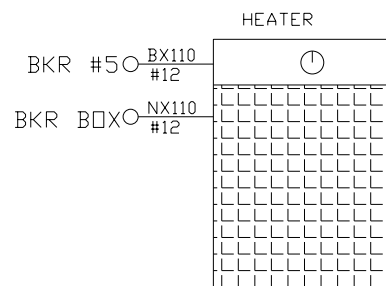
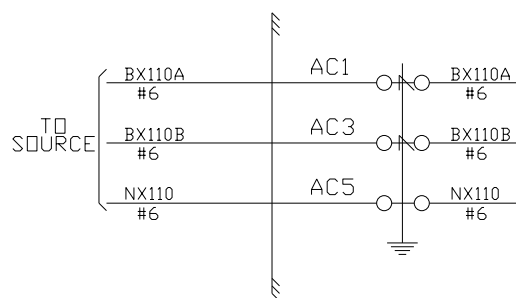
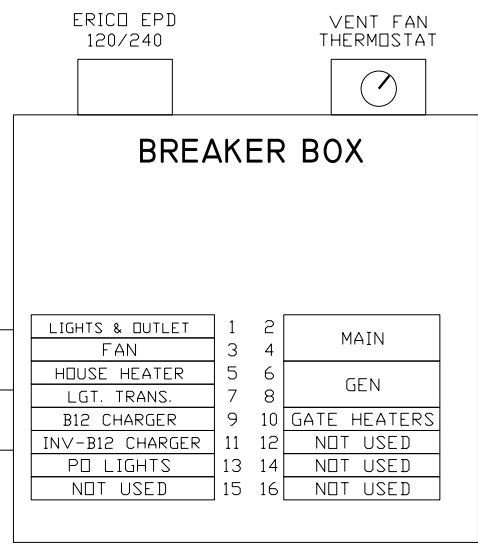
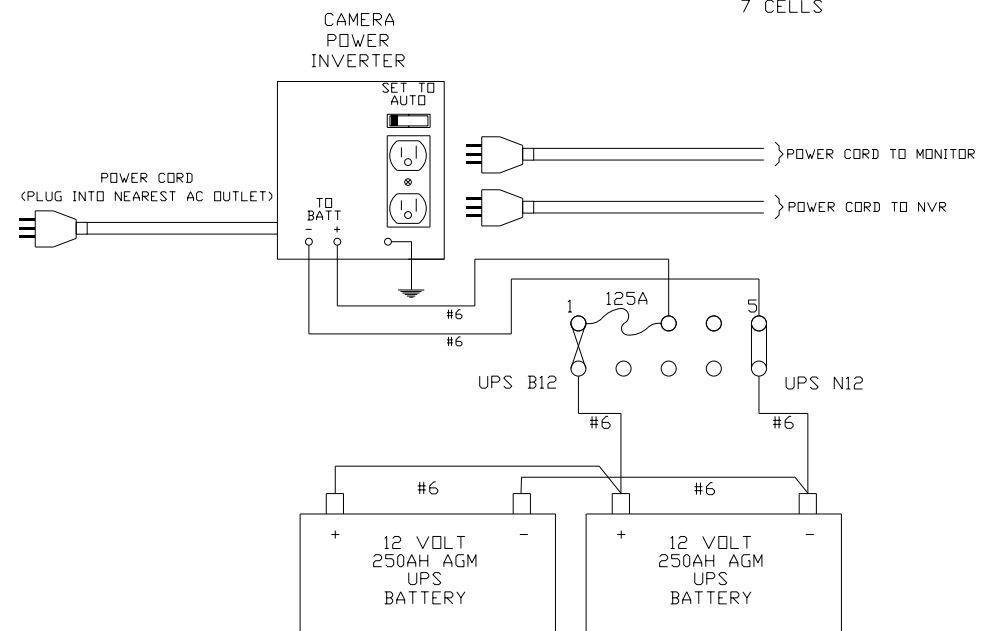
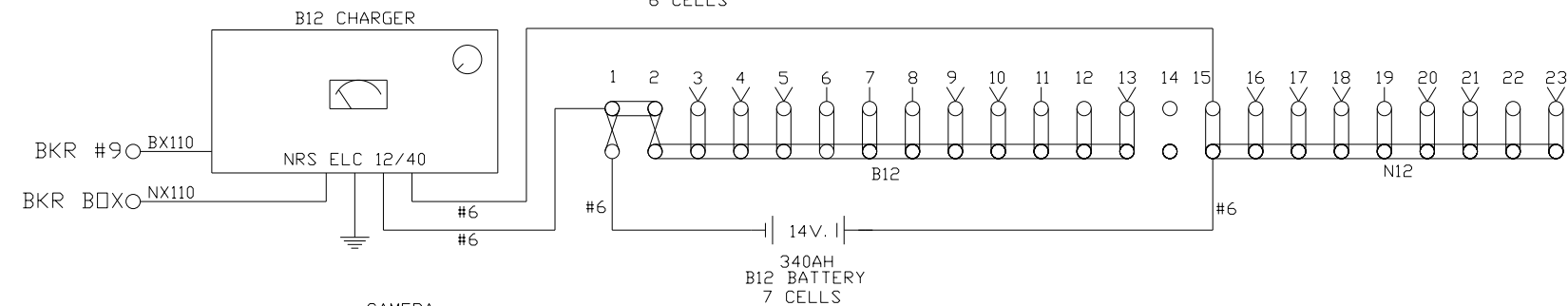
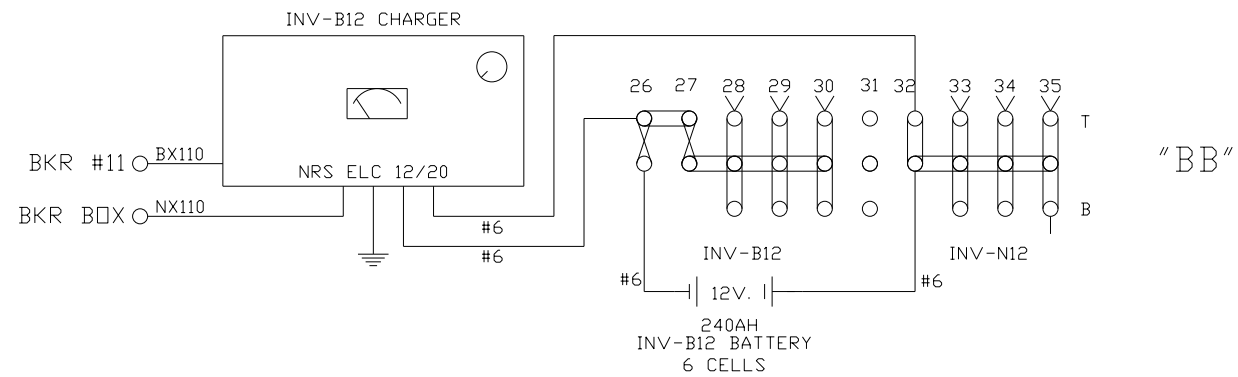


* - TEMPORARY "GATE READY" JUMPER AS WIRED XX/XX/XXXX AS INSTALLED XX/XX/XXXX

Exhibit "C"
 NOTE: ALL WIRE ON THIS SHEET IS #10 AWG UNLESS OTHERWISE NOTED.
Page 5 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 WEST DOT # 534 646S MP. 38.94 AVONDALE, CHESTER COUNTY, PA | | DRAWING NUMBER |
| CIRCUIT PLAN "D" | | |



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

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 DATE: 08/07/24 | APPROVED BY: |
| LAKE ROAD WEST DOT # 534 646S MP. 38.94 AVONDALE, CHESTER COUNTY, PA | | DRAWING NUMBER |
| CIRCUIT PLAN "E" | | |

Exhibit "C"
Page 6 of 7

SIDE "C"

SIDE "A"

SIDE "B"

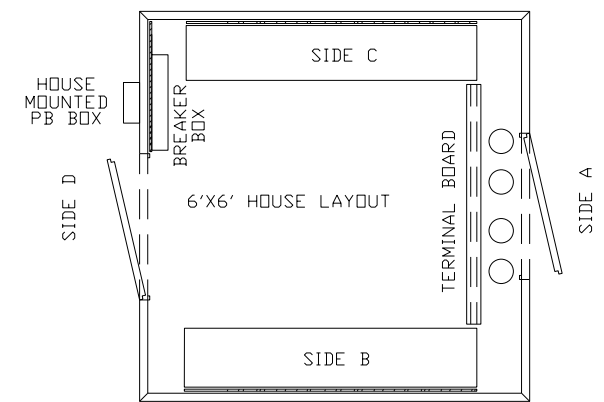
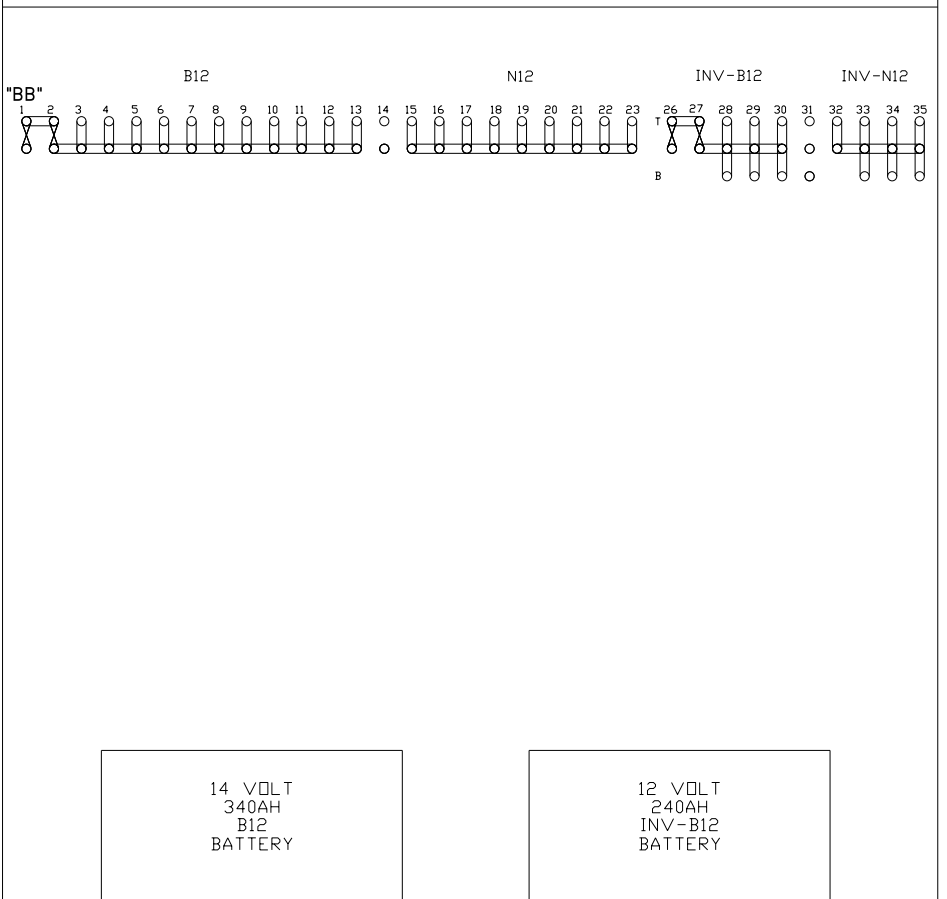
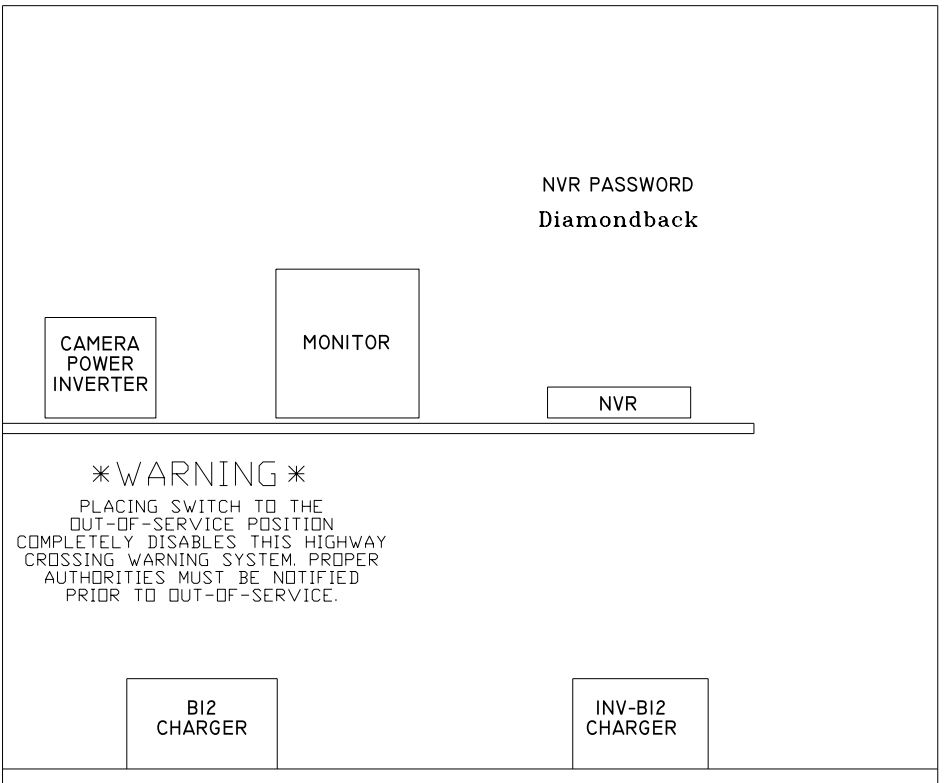
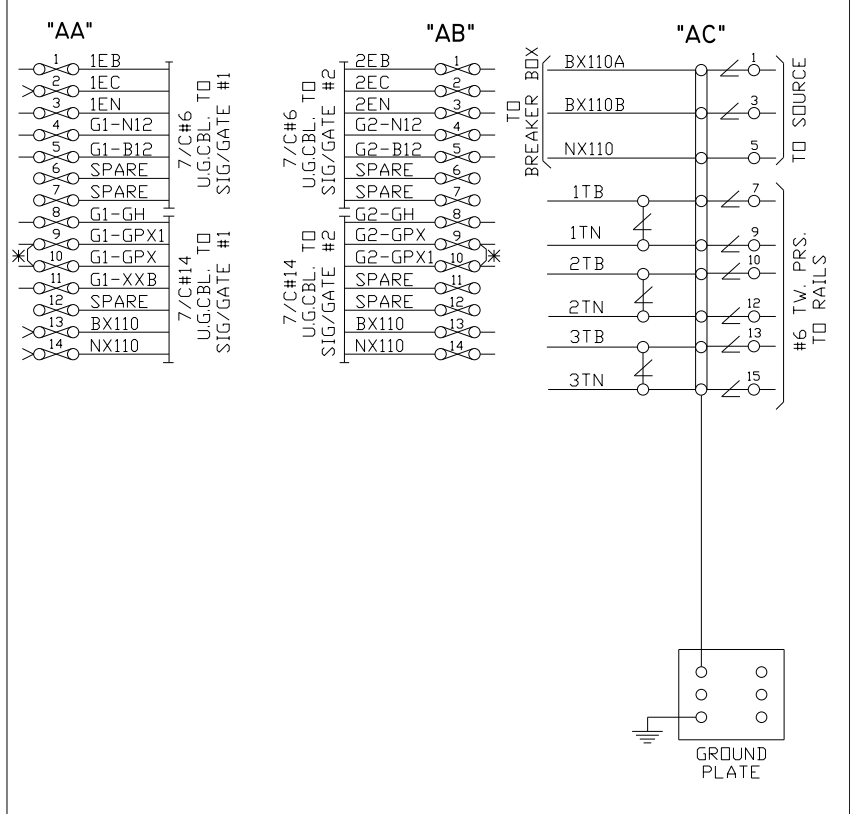
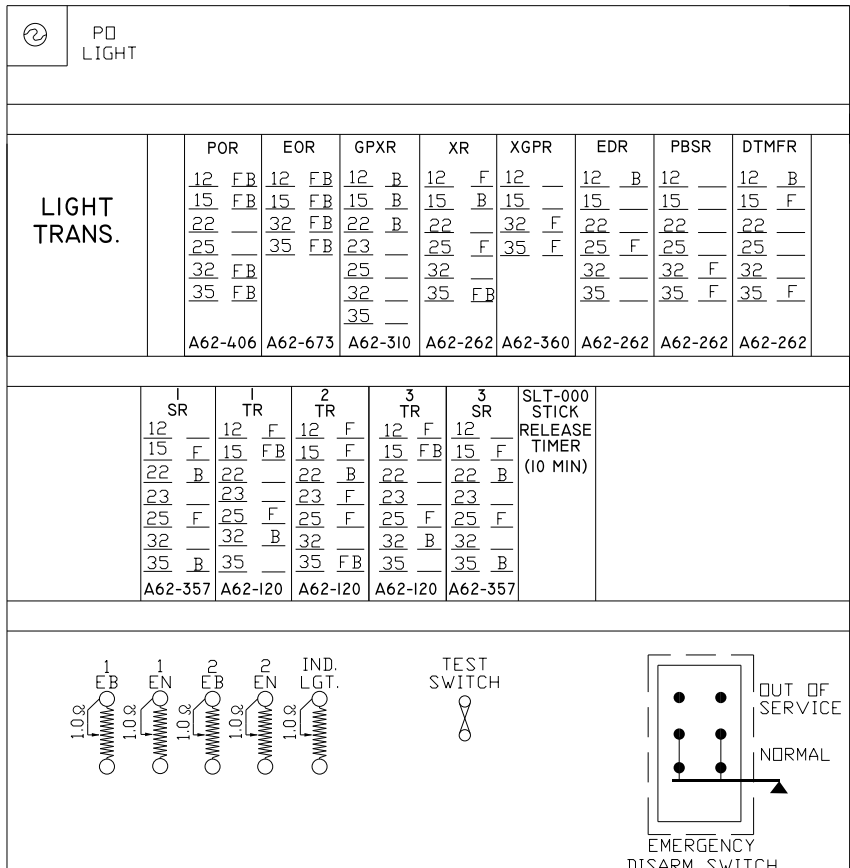
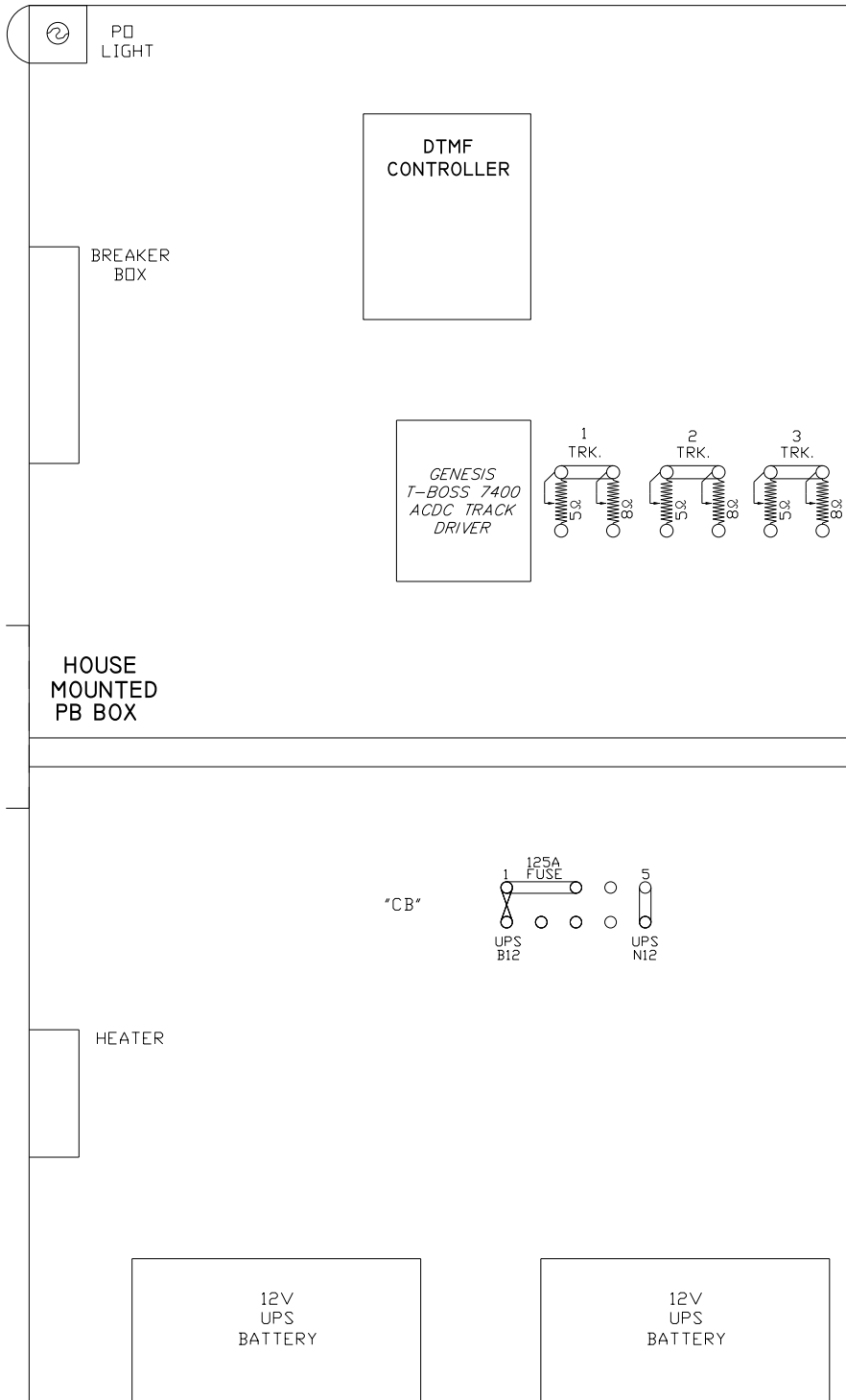


Exhibit "C" * - TEMPORARY "GATE READY" JUMPER
Page 7 of 7

SHEET 7 OF 7

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 WEST DOT # 534 646S MP. 38.94
 AVONDALE, CHESTER COUNTY, PA

RELAY HOUSE LAYOUT DRAWING NUMBER