

**SUBJECT:** APPROVAL OF UTILITY RELOCATION COST OF \$114,814.04 TO MATANUSKA TELECOM ASSOCIATION, INC., FOR THE CRIMSONVIEW DRIVE, VERMILLION DRIVE, THALO DRIVE, OCHRE DRIVE IMPROVEMENTS PROJECT IN RSA 16 - SOUTH COLONY AND EXTEND THE COMPLETION DATE TO JULY 15, 2026

**AGENDA OF: August 5, 2025****ASSEMBLY ACTION:**

**AGENDA ACTION REQUESTED:** Present to the Assembly for consideration.

| Route To:                           | Signature                                                                                                                                        |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Originator                          | <div>7 / 7 / 2 0 2 5</div> <div>X T h a d W a g n e r</div> <div>S i g n e d b y : T h a d W a g n e r</div>                                     |
| Project Management Division Manager | <div>7 / 7 / 2 0 2 5</div> <div>X C o l e B r a n h a m</div> <div>S i g n e d b y : C o l e B r a n h a m</div>                                 |
| Public Works Director               | <div>RECOVERABLE SIGNATURE</div> <div>X T o m A d a m s , P E</div> <div>S i g n e d b y : T o m A d a m s</div>                                 |
| Purchasing Director                 | <div>7 / 9 / 2 0 2 5</div> <div>X R u s t i n K r a f f t</div> <div>S i g n e d b y : R u s t i n K r a f f t</div>                             |
| Finance Director                    | <div>RECOVERABLE SIGNATURE</div> <div>X C h e y e n n e H e i n d e l</div> <div>S i g n e d b y : C h e y e n n e H e i n d e l</div>           |
| Borough Attorney                    | <div>7 / 9 / 2 0 2 5</div> <div>X N i c h o l a s S p i r o p o u l o s</div> <div>S i g n e d b y : N i c h o l a s S p i r o p o u l o s</div> |
| Borough Manager                     | <div>7 / 9 / 2 0 2 5</div> <div>X M i c h a e l B r o w n</div> <div>S i g n e d b y : M i c h a e l B r o w n</div>                             |
| Borough Clerk                       | <div>7 / 2 1 / 2 0 2 5</div> <div>X L o n n i e M c K e c h n i e</div> <div>S i g n e d b y : L o n n i e M c K e c h n i e</div>               |

**ATTACHMENT(S):** Cost Estimate (3 pp)  
Plans (23 pp)

**SUMMARY STATEMENT:** The Crimsonview Drive, Vermillion Drive, Thalo Drive, Ochre Drive and Crimsonview Court, project No. 30039-6730, is included in the 2025 Road Service Area (RSA) Road Improvement Project List for RSA 16 South Colony, approved by the Assembly with AM 25-011 on April 15 2025. The project includes surface improvement, grading, drainage, and surfacing.

As part of the design process, utilities reviewed the project design to identify potential conflicts. Each utility in the project area was issued a \$5,000 reimbursable purchase order (PO) for preliminary engineering. If conflicts cannot be avoided, relocation must occur before construction. Construction for this project is planned for the fall of 2025.

Matanuska Telecom Association, Inc. (MTA) provided a reimbursable time and materials const estimate of \$114,814.04 for relocating telecommunication utilities. MSB 3.08.161 requires Assembly approval of any contract award over \$100,000.

The Administration requests approval of \$114,814.04 for MTA's utility relocation cost, bringing the total purchase order amount to \$119,814.04, extend the completion date to July 15, 2026 and authority to extend the this contract up to 90 days for unforeseen circumstances.

**RECOMMENDATION OF ADMINISTRATION:** Approve utility relocation cost of \$114,814.04 to Matanuska Telecom Association, Inc, for the Crimsonview Drive, Vermillion Drive, Thalo Drive, Ochre Drive and Crimsonview Court Project, extend the completion date to July 15, 2026 and authority to extend the contract up to 90 days for unforeseen circumstances.

## MATANUSKA-SUSITNA BOROUGH

## FISCAL NOTE

Agenda Date: August 5, 2025

SUBJECT: APPROVAL OF UTILITY RELOCATION COST OF \$114,814.04 TO MATANUSKA TELECOM ASSOCIATION, INC., FOR THE CRIMSONVIEW DRIVE, VERMILLION DRIVE, THALO DRIVE, OCHRE DRIVE IMPROVEMENTS PROJECT IN RSA 16 - SOUTH COLONY AND EXTEND THE COMPLETION DATE TO JULY 15, 2026

|                                                                                                                                                                      |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| FISCAL ACTION (TO BE COMPLETED BY FINANCE)                                                                                                                           | FISCAL IMPACT <b>YES</b> NO         |
| AMOUNT REQUESTED \$114,814.04                                                                                                                                        | FUNDING SOURCE RSA Capital Projects |
| FROM ACCOUNT #                                                                                                                                                       | PROJECT                             |
| TO ACCOUNT: 410.000.000 4xx.xxx                                                                                                                                      | PROJECT # 30039                     |
| VERIFIED BY:<br> Recoverable Signature<br>X Liesel Zanto<br>Signed by: Liesel Zanto |                                     |
|                                                                                                                                                                      |                                     |

## EXPENDITURES/REVENUES:

(Thousands of Dollars)

| OPERATING          | FY2025 | FY2026 | FY2027 | FY2028 | FY2029 | FY2030 |
|--------------------|--------|--------|--------|--------|--------|--------|
| Personnel Services |        |        |        |        |        |        |
| Travel             |        |        |        |        |        |        |
| Contractual        |        |        |        |        |        |        |
| Supplies           |        |        |        |        |        |        |
| Equipment          |        |        |        |        |        |        |
| Land/Structures    |        |        |        |        |        |        |
| Grants, Claims     |        |        |        |        |        |        |
| Miscellaneous      |        |        |        |        |        |        |
| TOTAL OPERATING    |        |        |        |        |        |        |

|         |  |       |  |  |  |  |
|---------|--|-------|--|--|--|--|
| CAPITAL |  | 114.8 |  |  |  |  |
|---------|--|-------|--|--|--|--|

|         |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|
| REVENUE |  |  |  |  |  |  |
|---------|--|--|--|--|--|--|

## FUNDING:

(Thousands of Dollars)

|                     |  |       |  |  |  |  |
|---------------------|--|-------|--|--|--|--|
| General Fund        |  |       |  |  |  |  |
| State/Federal Funds |  |       |  |  |  |  |
| Other               |  | 114.8 |  |  |  |  |
| TOTAL               |  | 114.8 |  |  |  |  |

## POSITIONS:

|           |  |  |  |  |  |  |
|-----------|--|--|--|--|--|--|
| Full-Time |  |  |  |  |  |  |
| Part-Time |  |  |  |  |  |  |
| Temporary |  |  |  |  |  |  |

## ANALYSIS: (Attach a separate page if necessary)

|              |                                                                                                                                                                |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| APPROVED BY: |  Recoverable Signature<br>X Cheyenne Heindel<br>Signed by: Cheyenne Heindel |
|              |                                                                                                                                                                |

# OSP Work Order Cover Sheet



|                                                                                                                                                                                              |  |                                  |  |                                |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|--|--------------------------------|--|
| Work Order #:                                                                                                                                                                                |  | Service Order #:                 |  | Eng:                           |  |
| 745-34521                                                                                                                                                                                    |  | 0                                |  | dblehm                         |  |
| Project Description:                                                                                                                                                                         |  | MSB Crimsonview Heavenly Meadows |  | CLLI:                          |  |
| *Purpose:                                                                                                                                                                                    |  |                                  |  | PNMW                           |  |
| This work order will relocate MTA Facilities in conflict with MSB Project # 23-16-4026 S. VERMILION DR., S THALO DR., S OCHRE DR., E CRIMSONVIEW DR., & S. CRIMSONVIEW COURT RECONSTRUCTION. |  | Bud#                             |  | 345 - Relocate                 |  |
|                                                                                                                                                                                              |  | Exch:                            |  | 745 - Palmer                   |  |
|                                                                                                                                                                                              |  | Acct. Code:                      |  | 2422.20 UCU-Underground Copper |  |
|                                                                                                                                                                                              |  | Competitive CLLI? Y/N            |  | Y                              |  |

| Work Order Tracking                                |                   |        |                    |             |          |
|----------------------------------------------------|-------------------|--------|--------------------|-------------|----------|
| OSP Engineer                                       | 07/01/ 2025       | dblehm | To ROW             | ___/___/___ | ___      |
| OSP Ntwrk Engr                                     | ___/___/___       |        | Out of ROW         | ___/___/___ | ___      |
| OSP Eng Supv/Frm                                   | ___/___/___       |        | Permit Req'd (Y/N) | ___         | ___      |
| DIR E&C                                            | 7/2/25            | C RB   | Verbal (Y/N)       | ___         | ___      |
| VP of OEC *                                        | ___/___/___       |        | Time               | ___         | ___      |
| *(over \$200K Unidentified or 10% over Identified) |                   |        | Date               | ___/___/___ | ___      |
| Final                                              | Is WO Identified? |        | AGENCY             | ___         | ___      |
|                                                    | 0                 |        | Per                | ___         | Initials |
|                                                    |                   |        | F/O SPL Comp       | ___/___/___ | ___      |

|                         |          |                                        | Template: DOL Rate OVER \$25K |           |               |              |
|-------------------------|----------|----------------------------------------|-------------------------------|-----------|---------------|--------------|
| Original                |          | Estimate Summary                       |                               | Hours     | Dollars       | Engineering  |
| Change Orders:          |          | Engineering - Preliminary Design       |                               | 47.19     | 8,160.34      | Contract Bid |
| Number / Date / Initial |          | Engineering - Construction             |                               | 14.16     | 2,448.10      |              |
| / /                     |          | Engineering - Posting Asbuilt redlines |                               | 9.44      | 1,632.07      |              |
| / /                     |          | Survey Prep                            |                               | 0.00      | 0.00          |              |
| / /                     |          | Survey Design - Crew                   |                               | 0.00      | 0.00          |              |
| / /                     |          | Survey Construction - Crew             |                               | 0.00      | 0.00          | Placing      |
| / /                     |          | Inspector                              |                               | 0.00      | 0.00          | Contract Bid |
| / /                     |          | Placing                                |                               | 310.03    | 60,768.69     |              |
| / /                     |          | Mobilization & Staging - Placing       |                               | 0.00      | 0.00          |              |
| / /                     | Splicing |                                        | 161.89                        | 32,181.22 | Splicing      |              |
| Cable Information       |          | Mobilization & Staging - Splicing      |                               | 0.00      | 0.00          | Contract Bid |
| Estimated Footage:      |          | ROW Permits/Easements/Fees             |                               |           | 0.00          |              |
| Copper Footage          | 0        | ROW Labor                              |                               | 0.00      | 0.00          |              |
| Fiber Footage           | 0        | Materials                              |                               |           | 9,077.18      |              |
| Actual Footage:         |          | Material Overhead                      |                               |           | 546.45        |              |
| Copper Footage          | 0        | Boring - Contractor                    | Footage                       | 0         | 0.00          |              |
| Fiber Footage           | 0        | Clearing - Contractor                  | Footage                       | 0         | 0.00          |              |
| Retired Route Footage:  |          | SWPPP                                  |                               |           | 0.00          |              |
| Copper Footage          | 0        | Landscaping                            | Footage                       | 0         | 0.00          |              |
| Fiber Footage           | 0        | Perdiem/Lodging/Meals/Mileage          |                               |           | 0.00          |              |
| New Route Footage:      |          | Other                                  |                               |           | 0.00          |              |
| Copper Footage          | 0        | Aid to Construction                    |                               |           | 0.00          |              |
| Fiber Footage           | 0        |                                        | Material + Overhead:          |           | \$ 9,623.63   |              |
|                         |          |                                        | Labor Sub Total:              |           | \$ 105,190.41 | ROM or       |
|                         |          |                                        | Other Sub Total:              |           | \$ -          | Est. Budget  |
|                         |          |                                        | TOTAL Work Order:             |           | \$ 114,814.04 | \$5,000.00   |

|                               |                  |  |                                 |                  |
|-------------------------------|------------------|--|---------------------------------|------------------|
| Notes:                        |                  |  |                                 |                  |
| VDSL Nodes:                   | Total Estimated: |  | VDSL Nodes:                     | Total Estimated: |
| Total Lots:                   | 0                |  | Loops > 6.5 KFT Before Cutover: | 0                |
| Total Structures:             | 0                |  | Loops < 6.5 KFT After Cutover:  | 0                |
| Lots-passed w/Innerduct:      | 0                |  | Loops > 4 KFT Before Cutover:   | 0                |
| Loops >10 KFT Before Cutover: | 0                |  | Loops < 4 KFT After Cutover:    | 0                |
| Fiber Builds:                 | Total Estimated: |  | Fiber Builds:                   | Total Estimated: |
| Total Lots:                   | 0                |  | Total Structures - FTTB:        | 0                |
| FDH being placed? Y or N      | 0                |  | Total Structures - FTTH:        | 0                |

|        |
|--------|
| Notes: |
| 0      |
| 0      |
| 0      |
| 0      |

Relocate Summary Report

|       |      |                                               |                                      |                                                                                                                        |      |                       |                                     |                                       |                                   |                                                              |                       |  |  |
|-------|------|-----------------------------------------------|--------------------------------------|------------------------------------------------------------------------------------------------------------------------|------|-----------------------|-------------------------------------|---------------------------------------|-----------------------------------|--------------------------------------------------------------|-----------------------|--|--|
| WO#:  |      | 745-34521                                     |                                      | <div></div> <div>Employee Name:</div> |      |                       |                                     |                                       |                                   | Matanuska Telephone Association<br>Relocate - Summary Report |                       |  |  |
| Exch: |      | 745 - Palmer                                  |                                      |                                                                                                                        |      |                       |                                     |                                       |                                   |                                                              |                       |  |  |
| CLLI: |      | PNMW                                          |                                      |                                                                                                                        |      | Employee #:           |                                     |                                       |                                   |                                                              |                       |  |  |
| Name: |      | MSB Relocate MSB Crimsonview Heavenly Meadows |                                      |                                                                                                                        |      | Expected Pickup Date: |                                     |                                       |                                   |                                                              |                       |  |  |
| IM #  | Qty  | Unit                                          | DESCRIPTION                          | Comments                                                                                                               | DEPT | Material Cost         | DB Labor Hours                      | Replacement<br>in Kind -<br>Materials | Replacement<br>in Kind -<br>LABOR | Betterment -<br>Materials                                    | Betterment -<br>LABOR |  |  |
| 0     |      | Engineering Hours                             |                                      |                                                                                                                        | Eng  |                       | 70.79                               |                                       |                                   |                                                              |                       |  |  |
| 0     |      | Surveying Hours                               |                                      |                                                                                                                        | Eng  |                       | 0.00                                |                                       |                                   |                                                              |                       |  |  |
| 0     |      | Placing Mobilization &                        |                                      |                                                                                                                        | PLC  |                       | 0.00                                |                                       |                                   |                                                              |                       |  |  |
| 0     |      | Splicing Mobilization &                       |                                      |                                                                                                                        | SPL  | -                     | 0.00                                |                                       |                                   |                                                              |                       |  |  |
| 17096 | 3493 | BM 92-1.25D                                   | INNERDUCT,1.25IN,BLK/ORG STRIPE      | B                                                                                                                      | PLC  | 1,921.15              | \$ 3,936.81                         |                                       |                                   | \$1,921.15                                                   | \$3,936.81            |  |  |
| 17096 | 2424 | BM 92-1.25T                                   | INNERDUCT,1.25IN,BLK/ORG STRIP       |                                                                                                                        | PLC  | 1,333.20              | \$ 32,783.85                        | \$1,333.20                            | \$32,783.85                       |                                                              |                       |  |  |
| 17197 | 907  | BM 92-2T                                      | INNERDUCT,2IN,BLK W/ORG STRIPE       |                                                                                                                        | PLC  | 725.60                | \$ 12,266.89                        | \$725.60                              | \$12,266.89                       |                                                              |                       |  |  |
| 16880 | 666  | UFC 100-24                                    | CABLE 100-24 Underground, in Conduit |                                                                                                                        | PLC  | 2,144.52              | \$ 750.62                           | \$2,144.52                            | \$750.62                          |                                                              |                       |  |  |
| 16879 | 255  | UFC 200-24                                    | CABLE 200-24 Underground, in Conduit |                                                                                                                        | PLC  | 1,364.25              | \$ 402.36                           | \$1,364.25                            | \$402.36                          |                                                              |                       |  |  |
| 16864 | 1096 | UFC 25-24                                     | CABLE 25-24 Underground, in Conduit  |                                                                                                                        | PLC  | 1,172.72              | \$ 1,235.26                         | \$1,172.72                            | \$1,235.26                        |                                                              |                       |  |  |
| 17080 | 1014 | UFC 6-24                                      | CABLE 6-24 Underground, in Conduit   |                                                                                                                        | PLC  | 415.74                | \$ 1,142.84                         | \$415.74                              | \$1,142.84                        |                                                              |                       |  |  |
| 0     | 32   | WBD C                                         | PEDESTAL REARRANGEMENT               |                                                                                                                        | PLC  | -                     | \$ 5,409.88                         |                                       | \$5,409.88                        |                                                              |                       |  |  |
| 0     | 210  | WBFC                                          | LOWER BURIED FILLED CABLE            |                                                                                                                        | PLC  | -                     | \$ 2,840.18                         |                                       | \$2,840.18                        |                                                              |                       |  |  |
| 0     | 34   | BM 2C                                         | EXISTING PED NEW CA BONDING          |                                                                                                                        | SPL  | -                     | \$ 2,331.81                         |                                       | \$2,331.81                        |                                                              |                       |  |  |
| 0     | 1    | BM 30-(12)                                    | PC STUB 12 PR                        |                                                                                                                        | SPL  | -                     | \$ 114.30                           |                                       | \$114.30                          |                                                              |                       |  |  |
| 0     | 26   | BM 30-(25)                                    | PC STUB 25 PR                        |                                                                                                                        | SPL  | -                     | \$ 2,971.91                         |                                       | \$2,971.91                        |                                                              |                       |  |  |
| 0     | 9    | BM 30-(6)                                     | PC STUB 6 PR.                        |                                                                                                                        | SPL  | -                     | \$ 1,028.74                         |                                       | \$1,028.74                        |                                                              |                       |  |  |
| 0     | 87   | WHC-1                                         | CABLE THROW W/INDIV. CONN 100 PR     |                                                                                                                        | SPL  | -                     | \$ 1,591.12                         |                                       | \$1,591.12                        |                                                              |                       |  |  |
| 0     | 1631 | WHC-3                                         | CABLE THROW W/MOD 100 PR             |                                                                                                                        | SPL  | -                     | \$ 22,371.63                        |                                       | \$22,371.63                       |                                                              |                       |  |  |
| 0     | 372  | XBFC 100-24                                   | 100 PAIR BURIED ABANDON              |                                                                                                                        | SPL  | 892.80                | \$ -                                |                                       |                                   |                                                              |                       |  |  |
| 0     | 634  | XBFC 12-24                                    | 12 PAIR BURIED ABANDON               |                                                                                                                        | SPL  | -                     | \$ -                                |                                       |                                   |                                                              |                       |  |  |
| 0     | 258  | XBFC 200-24                                   | 200 PAIR BURIED ABANDON              |                                                                                                                        | SPL  | -                     | \$ -                                |                                       |                                   |                                                              |                       |  |  |
| 0     | 1259 | XBFC 25-24                                    | 25 PAIR BURIED ABANDON               |                                                                                                                        | SPL  | -                     | \$ -                                |                                       |                                   |                                                              |                       |  |  |
| 0     | 897  | XBFC 6-24                                     | 6 PAIR BURIED ABANDON                |                                                                                                                        | SPL  | -                     | \$ -                                |                                       |                                   |                                                              |                       |  |  |
| 0     | 29   | XBM 30                                        | REMOVE PC STUB                       |                                                                                                                        | SPL  | -                     | \$ 1,657.41                         |                                       | \$1,657.41                        |                                                              |                       |  |  |
| 0     | 1    | XPG 9                                         | REMOVE UNPROTECTED BLOCK             |                                                                                                                        | SPL  | -                     | \$ 114.30                           |                                       | \$114.30                          |                                                              |                       |  |  |
|       |      | Totals                                        |                                      |                                                                                                                        | ALL  |                       |                                     | Replacement<br>in Kind -<br>Materials | Replacement<br>in Kind -<br>LABOR | Betterment -<br>Materials                                    | Betterment -<br>LABOR |  |  |
|       |      |                                               |                                      |                                                                                                                        |      |                       | Material Cost                       | \$7,156.03                            |                                   | \$1,921.15                                                   |                       |  |  |
|       |      |                                               |                                      |                                                                                                                        |      | Betterment<br>%       |                                     | \$430.79                              |                                   | \$115.65                                                     |                       |  |  |
|       |      |                                               |                                      |                                                                                                                        |      |                       | Material<br>Overhead                |                                       |                                   |                                                              |                       |  |  |
|       |      |                                               |                                      |                                                                                                                        |      |                       | Placing Labor                       |                                       | \$56,831.87                       |                                                              | \$3,936.81            |  |  |
|       |      |                                               |                                      |                                                                                                                        |      |                       | Splicing Labor                      |                                       | \$32,181.22                       |                                                              | \$0.00                |  |  |
|       |      |                                               |                                      |                                                                                                                        |      |                       | Boring                              | \$0.00                                |                                   | \$0.00                                                       |                       |  |  |
|       |      |                                               |                                      |                                                                                                                        |      |                       | Clearing                            | \$0.00                                |                                   |                                                              | \$0.00                |  |  |
|       |      |                                               |                                      |                                                                                                                        |      |                       | Engineering<br>hours                |                                       | \$11,722.07                       |                                                              | \$518.44              |  |  |
|       |      |                                               |                                      |                                                                                                                        |      |                       | Survey                              |                                       | \$0.00                            |                                                              |                       |  |  |
|       |      |                                               |                                      |                                                                                                                        |      |                       | Construction<br>Inspector Hours     |                                       | \$0.00                            |                                                              |                       |  |  |
|       |      |                                               |                                      |                                                                                                                        |      |                       | SWPPP                               |                                       | \$0.00                            |                                                              |                       |  |  |
|       |      |                                               |                                      |                                                                                                                        |      |                       | Landscaping                         |                                       | \$0.00                            |                                                              |                       |  |  |
|       |      |                                               |                                      |                                                                                                                        |      |                       | Perdiem,<br>Lodging Meals<br>Mieage |                                       | \$0.00                            |                                                              |                       |  |  |

Relocate Summary Report

| WO#: 745-34521                                      |     | <div></div> |                                                     | Employee Name:        |      |               |                    | Matanuska Telephone Association<br>Relocate - Summary Report |                                   |                           |                       |  |  |
|-----------------------------------------------------|-----|----------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------|------|---------------|--------------------|--------------------------------------------------------------|-----------------------------------|---------------------------|-----------------------|--|--|
| Exch: 745 - Palmer                                  |     |                                                                                              |                                                     | Employee #:           |      |               |                    |                                                              |                                   |                           |                       |  |  |
| CLLI: PNMW                                          |     |                                                                                              |                                                     | Expected Pickup Date: |      |               |                    |                                                              |                                   |                           |                       |  |  |
| Name: MSB Relocate MSB Crimsonview Heavenly Meadows |     |                                                                                              |                                                     |                       |      |               |                    |                                                              |                                   |                           |                       |  |  |
| IM #                                                | Qty | Unit                                                                                         | DESCRIPTION                                         | Comments              | DEPT | Material Cost | DB Labor Hours     | Replacement<br>in Kind -<br>Materials                        | Replacement<br>in Kind -<br>LABOR | Betterment -<br>Materials | Betterment -<br>LABOR |  |  |
|                                                     |     |                                                                                              |                                                     |                       |      |               | Other              |                                                              | \$0.00                            |                           |                       |  |  |
|                                                     |     |                                                                                              |                                                     |                       |      |               | Aid to Constr      |                                                              | \$0.00                            |                           |                       |  |  |
|                                                     |     |                                                                                              |                                                     |                       |      |               | ROW<br>permit/fees |                                                              | \$0.00                            |                           |                       |  |  |
|                                                     |     |                                                                                              |                                                     |                       |      |               | ROW                |                                                              | \$0.00                            |                           |                       |  |  |
|                                                     |     |                                                                                              | Total Placing Staging & Mobilization Labor Costs =  |                       |      | \$0.00        | 6.48%              | Placing Stage &<br>Mob Hours                                 | \$0.00                            |                           | \$0.00                |  |  |
|                                                     |     |                                                                                              | Total Splicing Staging & Mobilization Labor Costs = |                       |      | \$0.00        | 0.00%              | Splicing Stage &<br>Mob Hours                                | \$0.00                            |                           | \$0.00                |  |  |
|                                                     |     |                                                                                              |                                                     |                       |      |               | Sub-Total          | \$7,586.82                                                   | \$100,735.16                      | \$2,036.80                | \$4,455.25            |  |  |
|                                                     |     |                                                                                              |                                                     |                       |      |               |                    | \$114,814.04                                                 |                                   |                           |                       |  |  |

CONSTRUCTION COPY

W.O. OVERVIEW

MSB Crimsonview Heavenly Meadows. This work order will relocate MTA Facilities in conflict with MSB Project # 23-16-4026 S. VERMILION DR., S THALO DR., S OCHRE DR., E CRIMSONVIEW DR., & S. CRIMSONVIEW COURT RECONSTRUCTION. This is a Joint Trench with MEA/MTA replacements of facilities in conflict with ditch cuts.

LEGEND:

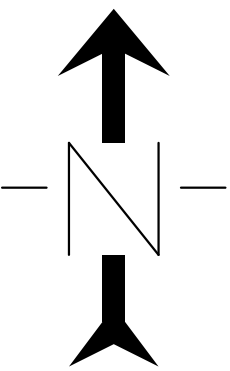
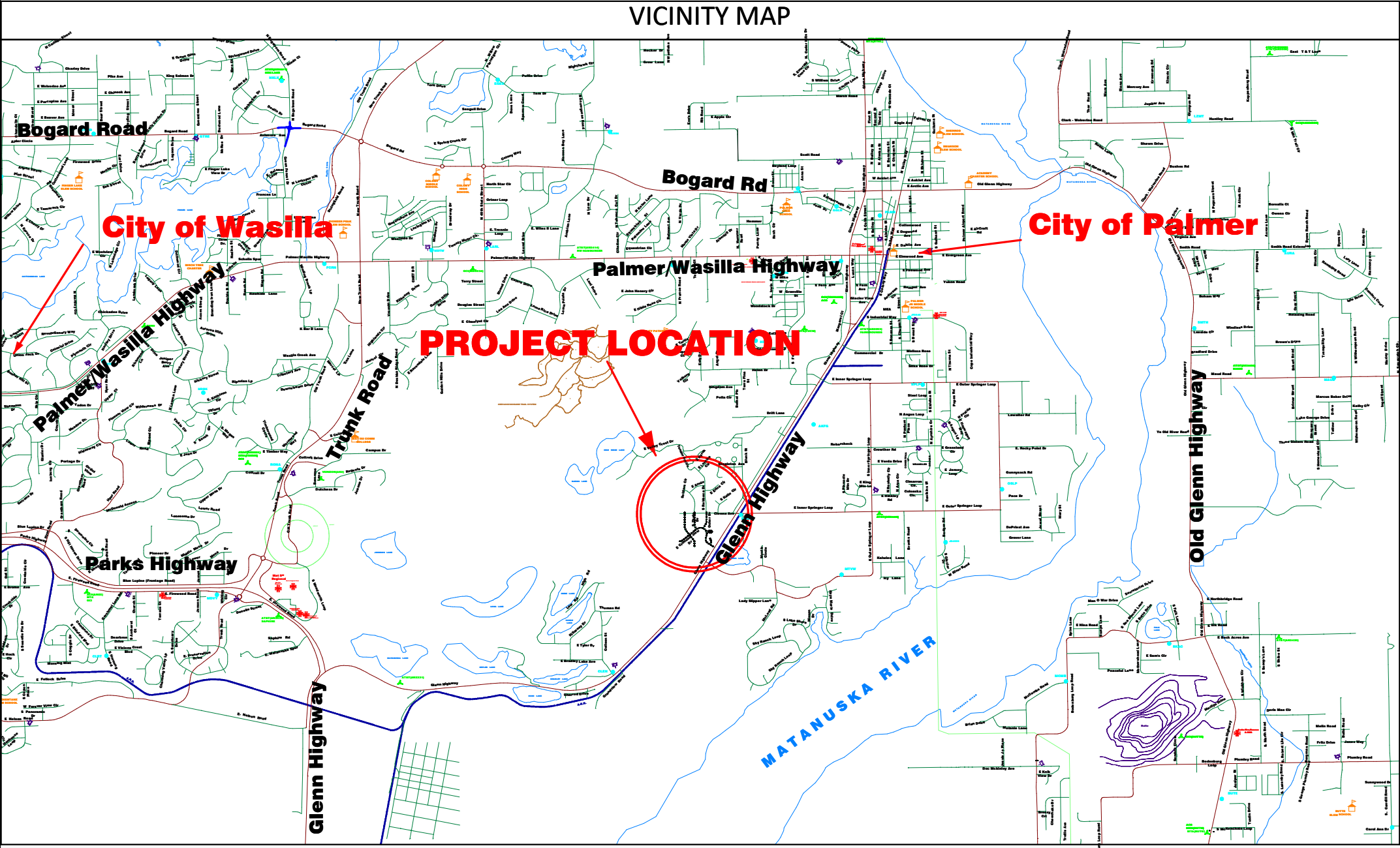
| CABLE PLACEMENT DEPTHS:    | COPPER  | FIBER       |
|----------------------------|---------|-------------|
| PUBLIC UTILITY EASMENT:    | 36" MIN | 42" MIN     |
| ROAD ROW (OUTER 5')        | 36"     | 42"         |
| ROAD CROSSINGS             | 48"     | 48"         |
| AERIAL CABLE               |         |             |
| BURIED CABLE               |         |             |
| NEW PEDESTAL               |         | <div></div> |
| EXISTING PEDESTAL          |         | <div></div> |
| MUNICIPALITY OF ANCHORAGE: | COPPER  | FIBER       |
| PUBLIC UTILITY EASEMENT:   | 42" MIN | 42" MIN     |
| ROAD ROW (OUTER 5')        | 42"     | 42"         |
| ROAD CROSSINGS             | 48"     | 48"         |

TOTAL JOINT TRENCH LENGTH - 2,818'  
TOTAL MTA TRENCH LENGTH - 513'

| UNIT                      | TYPE | TOTAL  |
|---------------------------|------|--------|
| Joint Trench - BM92-1.25J |      | 2,226' |
| Joint Trench - BM92-2J    |      | 592'   |
| MTA Trench - BM92-1.25T   |      | 198'   |
| MTA Trench - BM92-2T      |      | 315'   |

MSB TO PROVIDE STAKING AND CLEARING

VICINITY MAP



|                                                                          |          |
|--------------------------------------------------------------------------|----------|
| CALL BEFORE YOU DIG!!!                                                   |          |
| ALASKA Digline INC<br>1-800-478-3121 - (811)<br>COMPANY PROVIDED LOCATES |          |
| GOLDEN VALLEY ELECTRIC                                                   |          |
| ASSOCIATION                                                              |          |
| CANTWELL - CLEAR:                                                        | 452-1151 |
| PARKS SERVICE                                                            |          |
| MAINTENANCE DEPT:                                                        | 683-2294 |
| MATANUSKA - SUSITNA                                                      |          |
| BOROUGH                                                                  |          |
| PUBLIC WORKS:                                                            | 745-9802 |
| CITY OF PALMER PUBLIC                                                    |          |
| WORKS                                                                    |          |
| PUBLIC WORKS:                                                            | 745-3925 |
| DOT TRAFFIC SIGNALS                                                      |          |
| ER-KNIK:                                                                 | 371-7081 |
| VALLEY:                                                                  | 745-2102 |
| STREET LIGHTS                                                            |          |
| ER-KNIK:                                                                 | 338-1436 |
| VALLEY:                                                                  | 745-2102 |

CONSTRUCTION NOTES:

- Y

CAUTION: LOCATE ALL UNDERGROUND FACILITIES IN AREA BEFORE START OF CONSTRUCTION - LOCATIONS ON PRINTS ARE APPROXIMATE. DRAWINGS ARE NOT TO SCALE. EXPOSE ALL CROSSINGS OF EXISTING BURIED FACILITIES BY HAND. USE EXTREME CAUTION WHILE WORKING AROUND HIGH VOLTAGE POWER LINES AND GAS MAINS.
- Y

SIGN AND/OR FLAG WORK LOCATION WITHIN ROAD ROW WHERE VISIBILITY IS LESS THAN 500 FT. BOTH DIRECTIONS. OBSERVE ALL APPLICABLE SAFETY PROCEDURES FROM ADOT, BOROUGH, MTA, MUNICIPALITY OF ANCHORAGE AND AREA.
- Y

PROJECT WILL BE STAKED - NO DEVIATIONS WILL BE PERMITTED WITHOUT PRIOR AUTHORIZATION FROM THE ENGINEERING DEPT. CONTACT ENGINEERING 48 HRS PRIOR START OF CONSTRUCTION FOR STAKES - IF REQUIRED. ALL MTA STAKING, LATH AND FLAGGING WILL BE REMOVED AT COMPLETION OF THE WORK ORDER.
- Y

A COPY OF APPROPRIATE PERMITS MUST BE ON SITE DURING CONSTRUCTION.
- Y

USE CAUTION WHEN DIGGING NEAR POWER POLES - SUPPORT IF NECESSARY.
- Y

ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE RETURNED TO ORIGINAL CONDITION. DO NOT DISTURB LOT PINS OR SURVEY MARKERS.
- Y

ALL OPEN CUT ROAD CROSSINGS SHALL BE RECOMPACTED PER PERMIT REQUIREMENTS.
- Y

THE FOLLOWING WORK WILL BE REQUIRED AT ALL INNERDUCT JOINTS: A MINIMUM 12" LENGTH OF HEAT SHRINK TUBING TO BE APPLIED EQUALLY OVER BOTH SIDES OF THE INNERDUCT COUPLING TO MAKE AN AIRTIGHT SEAL.
- Y

CLEARING REQUIRED
- N

CREEK/LAKE
- N

PIPE PUSH/BORE
- Y

CUT SHEETS REQUIRED
- Y

CONST SURVEY ONLY
- Y

CAT REQUIRED (COPPER)
- N

SWAMP
- N

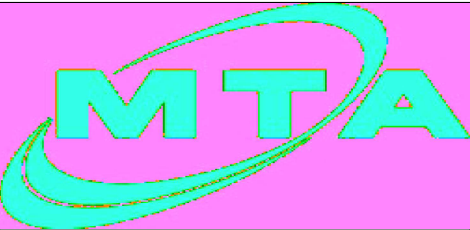
LANE CLOSURE REQUIRED
- N

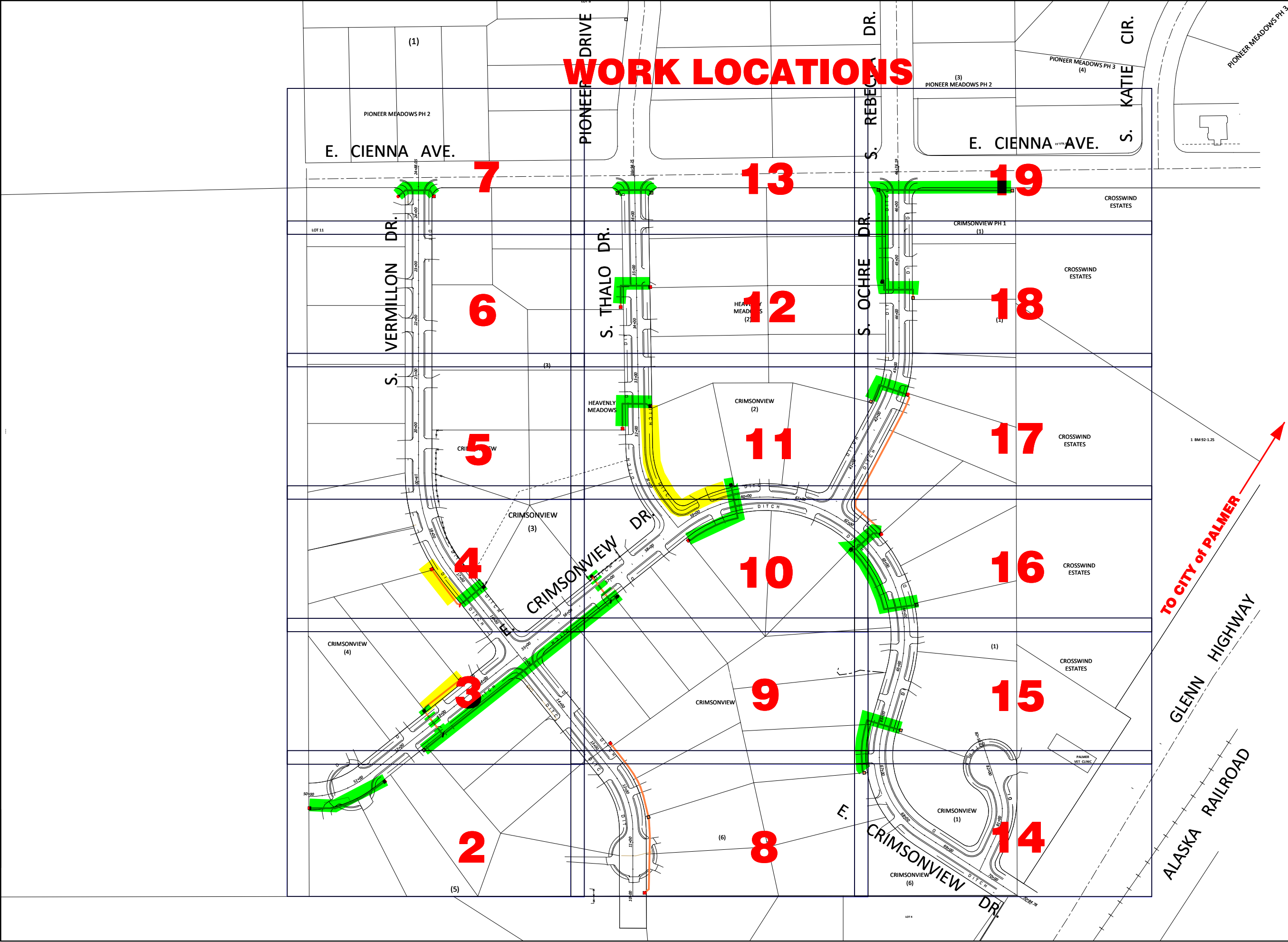
CO & HUT MDF JUMPERS CABLE
- Y

R.O.W. REQ REVIEW
- ALL

SHEET(S)
- MILEPOST
- MILEPOINT
- ROUTE#

|                            |                            |
|----------------------------|----------------------------|
| OSP E&C SUPV/FOREMAN:      | DATE:                      |
| NETWORK PLANNER:           | DATE:                      |
| DIRECTOR OSP ENG&CONST     | DATE: 7/2/25               |
| R.O.W AGENT:               | DATE:                      |
| RELATED WO:                | CLLI: PNMW                 |
| WO#: 745-34521             | ENG: David Blehm           |
| DATE: 5/7/2025 12:00:00 AM | FILE: CV_745-34521 SHEET 1 |





WORK LOCATIONS

WO NUMBER: 745-34521

ENGINEER: David Blehm

CLLI: PNMW

TWIN:

RNG: 02E

SEC: 18

GRID: NE3513

MSB: PA 12

DRAFTER:

AS BUILT DATE:  
5/7/2025 12:00:00 AM

WO DESC.:  
MSB Crimsonview Heavenly Meadows.

SHEET NAME:

NOTES:

Scale: NTS

JOINT TRENCH WITH MEA

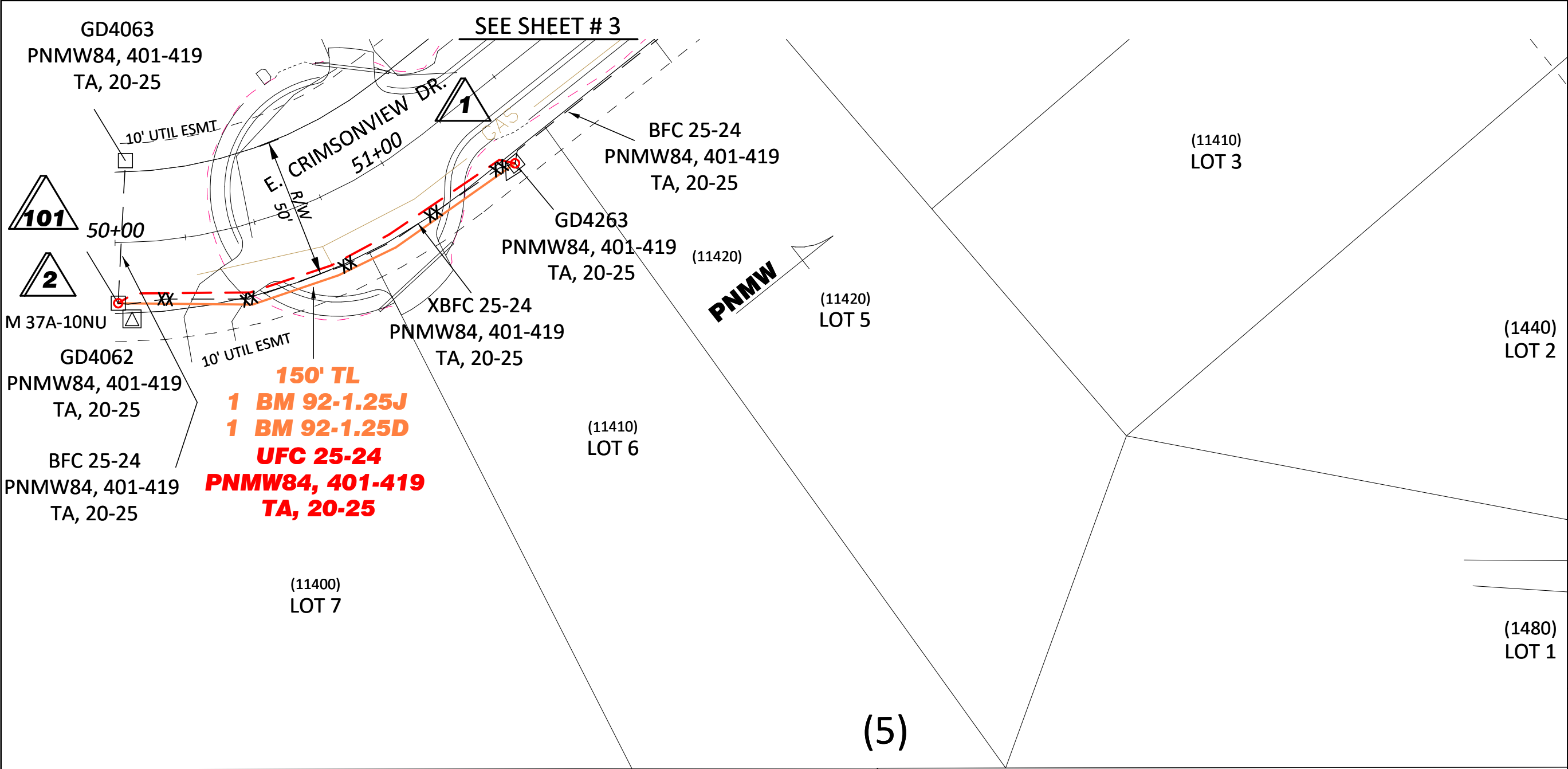
MTA ONLY TRENCH

Filename: CV\_745-34521 SHEET 1A  
Staked By: AD\blehm  
Last Accessed By:  
Last Saved: 6/27/2025

SUB. INFO

[IMAGE MTA LOGO-Model.JPEG.]

CV\_745-34521 SHEET 1a OF 21



WO NUMBER:  
745-34521

ENGINEER:  
David Blehm

CSA: PNMW

TWN: 17N

RNG: 02E

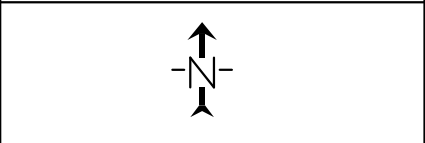
SEC: 18

GRID: NE3513

MSB or MOA: pA 12

CREATION DATE:

NOTES:  
Scale: 1 TO 40



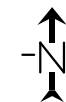
| WL  | UNIT DESC  | QUANTITY | UNIT/QTY        | UNIT/QTY        | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|-----|------------|----------|-----------------|-----------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 2   | UFC 25-24  | 154'     | 0               | 0               | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 101 | XBFC 25-24 | 152'     |                 |                 |          |          |          |          |          |          |          |          |
| 2   | TL         | 150'     | BM 92-1.25J 160 | BM 92-1.25D 160 |          | 0        | 0        | 0        | 0        | 0        |          |          |
| 1   | WHC-3      | 25       | WBD C 1         | BM 2C 1         | WBFC 5   | WHC-1 4  | 0        | 0        | 0        | 0        |          |          |
| 2   | WHC-3      | 25       | WBD C 1         | BM 2C 1         | WBFC 5   | WHC-1 2  | 0        | 0        | 0        | 0        |          |          |
| 1   | BM 30-(25) | 1        | XBM 30 1        | 0               | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 2   | BM 30-(25) | 1        | XBM 30 1        | 0               | 0        |          |          |          |          |          |          |          |
|     |            |          |                 |                 |          |          |          |          |          |          |          |          |
|     |            |          |                 |                 |          |          |          |          |          |          |          |          |
|     |            |          |                 |                 |          |          |          |          |          |          |          |          |

Filename:  
SS\_745-34521 Sheet 2

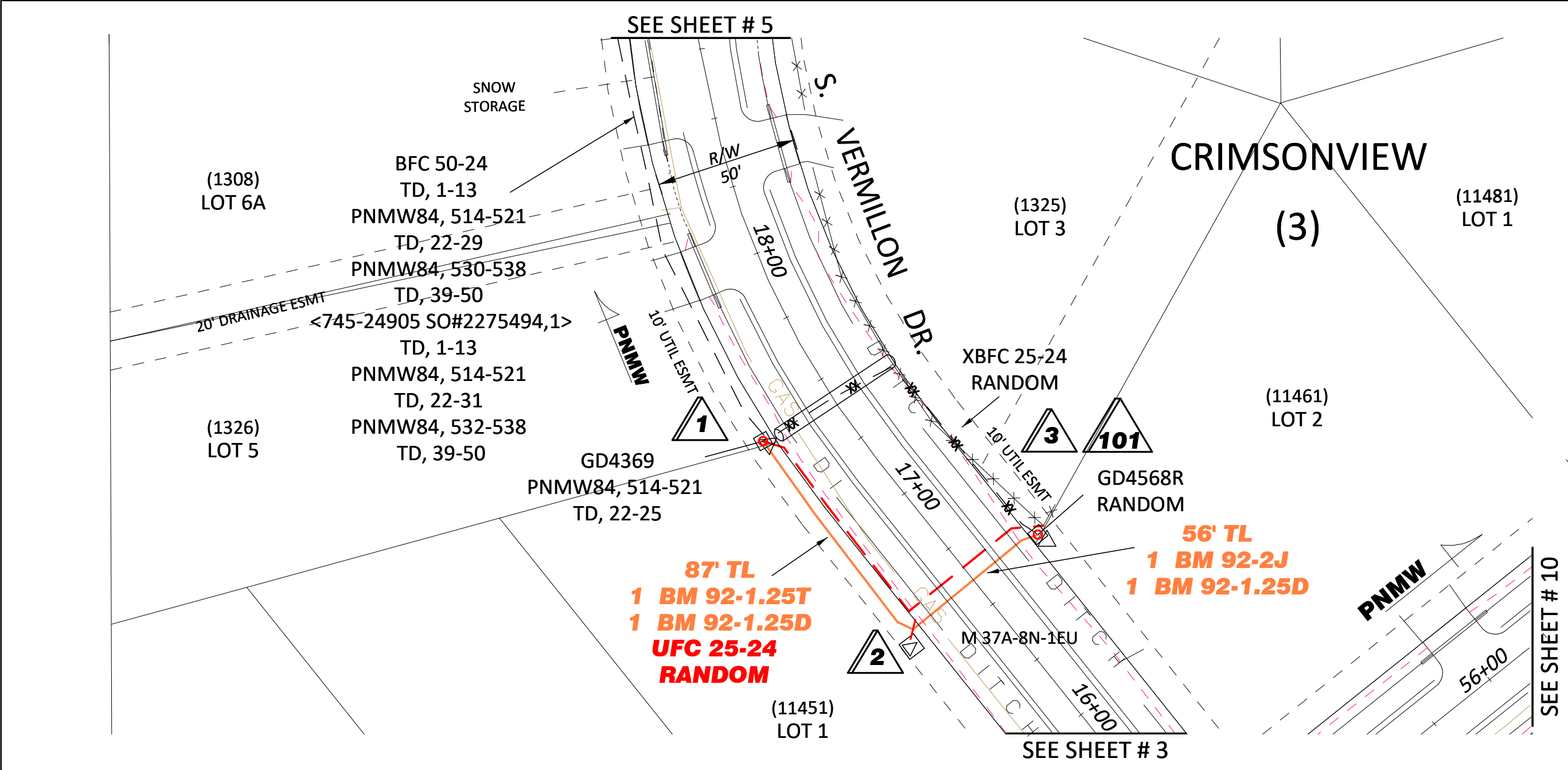
Staked By: AD\blehm

Last Saved: 6/25/2025

MTA

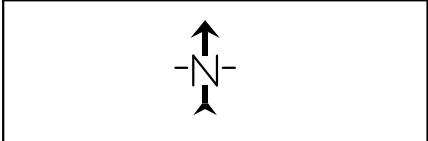


| WL | UNIT DESC  | QUANTITY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | WO NUMBER:<br>745-34521                                                                                                                                                                                                                               |
|----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2  | WHC-3      | 25       | WBD C 1  | BM 2C 1  | WBFC 10  | WHC-1 1  | 0        | 0        | 0        | 0        |          |          | ENGINEER:<br>David Blehm                                                                                                                                                                                                                              |
| 3  | WHC-1      | 3        | WBD C 1  | BM 2C 1  | WBFC 10  | 0        | 0        | 0        | 0        | 0        |          |          | CSA: PNMW                                                                                                                                                                                                                                             |
| 4  | WHC-1      | 7        | WBD C 1  | BM 2C 1  | WBFC 5   | 0        | 0        | 0        | 0        | 0        |          |          | TWN: 17N                                                                                                                                                                                                                                              |
| 4  | BM 30-(6)  | 1        | XBM 30 1 | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |          | RNG: 02E                                                                                                                                                                                                                                              |
| 3  | BM 30-(6)  | 1        | XBM 30 1 | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |          | SEC: 18                                                                                                                                                                                                                                               |
| 2  | BM 30-(25) | 1        | XBM 30 1 | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |          | GRID: NE3513                                                                                                                                                                                                                                          |
|    |            |          |          |          |          |          |          |          |          |          |          |          | MSB or MOA: pA 12                                                                                                                                                                                                                                     |
|    |            |          |          |          |          |          |          |          |          |          |          |          | CREATION DATE:                                                                                                                                                                                                                                        |
|    |            |          |          |          |          |          |          |          |          |          |          |          | NOTES:<br>Scale: 1 TO 40                                                                                                                                                                                                                              |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          | <div>↑<br/>-N-<br/>↓</div> <div><div>Filename:<br/>SS_745-34521 SHEET 3<br/>Staked By: AD\dblehrm<br/>Last Saved: 6/25/2025</div><div>MTA</div><div></div></div> |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |
|    |            |          |          |          |          |          |          |          |          |          |          |          | 745-34521 SHEET 3a OF 19                                                                                                                                                                                                                              |
|    |            |          |          |          |          |          |          |          |          |          |          |          |                                                                                                                                                                                                                                                       |



|                |             |
|----------------|-------------|
| WO NUMBER:     | 745-34521   |
| ENGINEER:      | David Blehm |
| CSA:           | PNMW        |
| TWN:           | 17N         |
| RNG:           | 02E         |
| SEC:           | 18          |
| GRID:          | NE3513      |
| MSB or MOA:    | pA 12       |
| CREATION DATE: |             |

NOTES:  
Scale: 1 TO 40



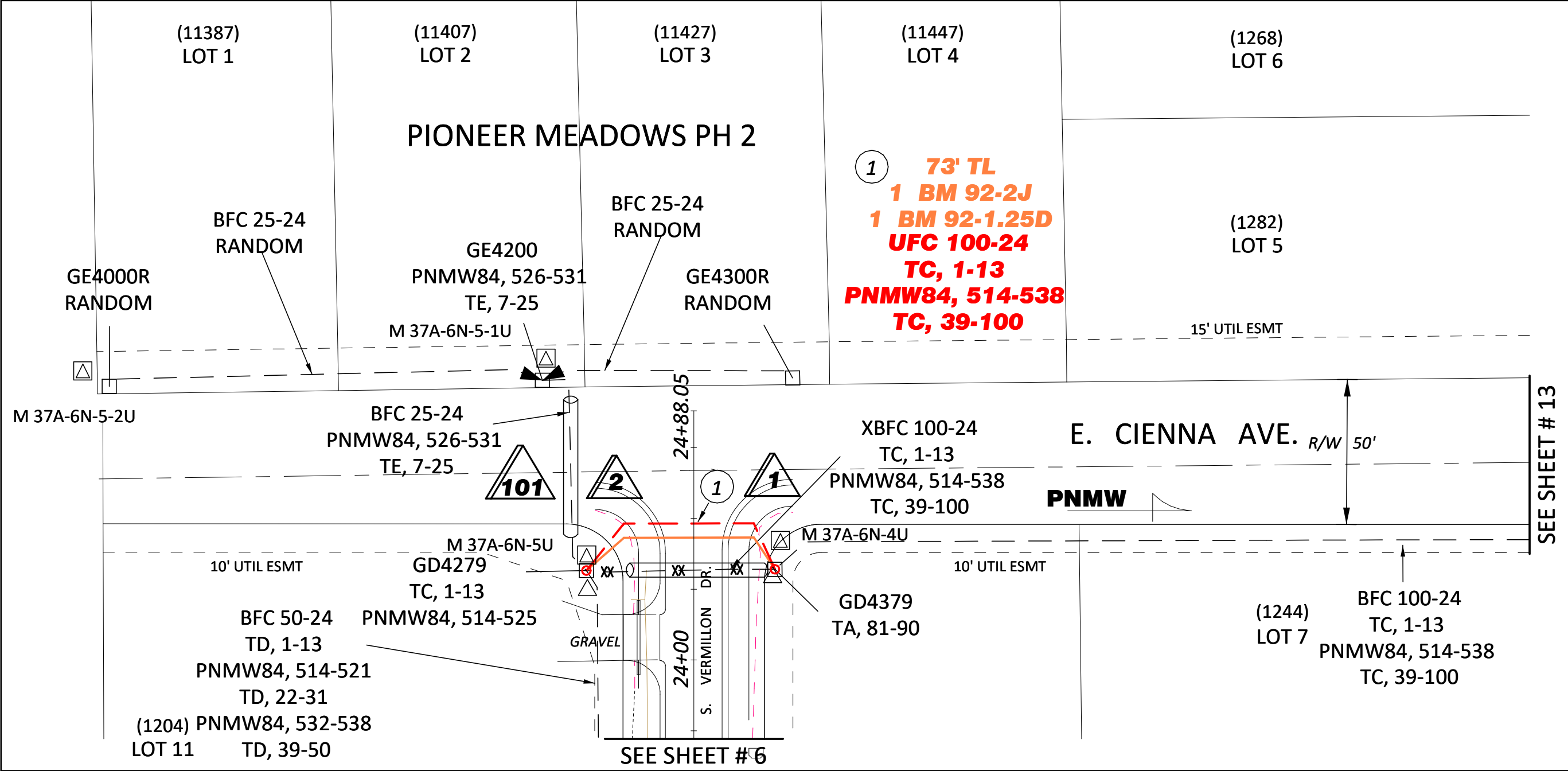
| WL  | UNIT DESC  | QUANTITY | UNIT/QTY       | UNIT/QTY              | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|-----|------------|----------|----------------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 101 | XBFC 25-24 | 127'     | 0              | 0                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 3   | UFC 25-24  | 138'     | 0              | 0                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 2   | TL         | 87'      | BM 92-1.25T 97 | *B*<br>BM 92-1.25D 97 |          |          |          |          |          |          |          |          |
| 3   | TL         | 56'      | BM 92-2J 66    | *B*<br>BM 92-1.25D 66 |          |          |          |          |          |          |          |          |
| 1   | WHC-3      | 25       | WBD C 1        | BM 2C 1               | WBFC 5   | WHC-1 2  | 0        | 0        | 0        | 0        | 0        |          |
| 3   | WHC-3      | 25       | WBD C 1        | BM 2C 1               | WBFC 5   | WHC-1 2  | 0        | 0        | 0        | 0        | 0        |          |
| 1   | BM 30-(25) | 1        | XBM 30 1       | WHC-1 5               | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 3   | BM 30-(25) | 1        | XBM 30 1       | 0                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
|     |            |          |                |                       |          |          |          |          |          |          |          |          |
|     |            |          |                |                       |          |          |          |          |          |          |          |          |

Filename:  
SS\_745-34521 SHEET 4  
Staked By: AD\blehm  
Last Saved: 6/25/2025

MTA



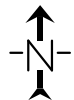




|                |             |
|----------------|-------------|
| WO NUMBER:     | 745-34521   |
| ENGINEER:      | David Blehm |
| CSA:           | PNMW        |
| TWN:           | 17N         |
| RNG:           | 02E         |
| SEC:           | 18          |
| GRID:          | NE3513      |
| MSB or MOA:    | pA 12       |
| CREATION DATE: |             |

NOTES:  
Scale: 1 TO 40

SEE SHEET # 13

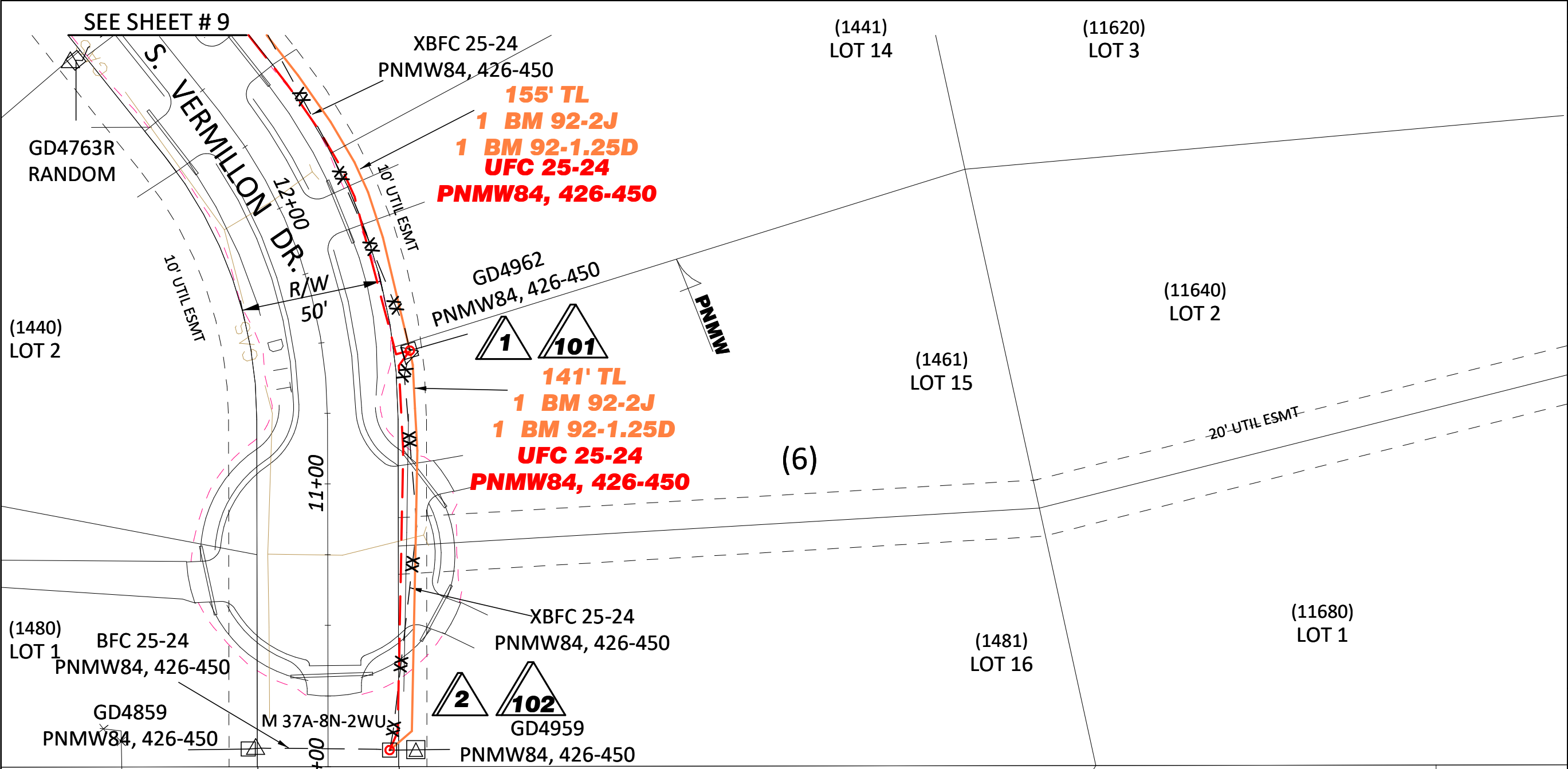


| WL  | UNIT DESC   | QUANTITY | UNIT/QTY    | UNIT/QTY              | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|-----|-------------|----------|-------------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 101 | XBFC 100-24 | 69'      | 0           | 0                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 2   | UFC 100-24  | 89'      | 0           | 0                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 2   | TL          | 73'      | BM 92-2J 83 | *B*<br>BM 92-1.25D 83 |          |          |          |          |          |          |          |          |
| 1   | WHC-3       | 100      | WBD C 1     | BM 2C 1               | WBFC 5   | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 2   | WHC-3       | 100      | WBD C 1     | BM 2C 1               | WBFC 5   | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 1   | BM 30 (25)  | 1        | XBM 30 1    | 0                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 2   | BM 30-(25)  | 1        | XBM 30 1    | 0                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
|     |             |          |             |                       |          |          |          |          |          |          |          |          |
|     |             |          |             |                       |          |          |          |          |          |          |          |          |
|     |             |          |             |                       |          |          |          |          |          |          |          |          |

Filename: SS\_745-34521 SHEET 7  
Staked By: AD\blehm  
Last Saved: 6/25/2025

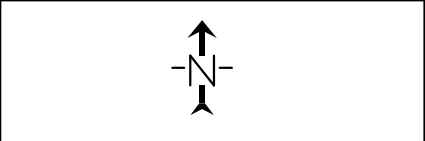
MTA





|                          |
|--------------------------|
| WO NUMBER:<br>745-34521  |
| ENGINEER:<br>David Blehm |
| CSA: PNMW                |
| TWN: 17N                 |
| RNG: 02E                 |
| SEC: 18                  |
| GRID: NE3513             |
| MSB or MOA: pA 12        |
| CREATION DATE:           |

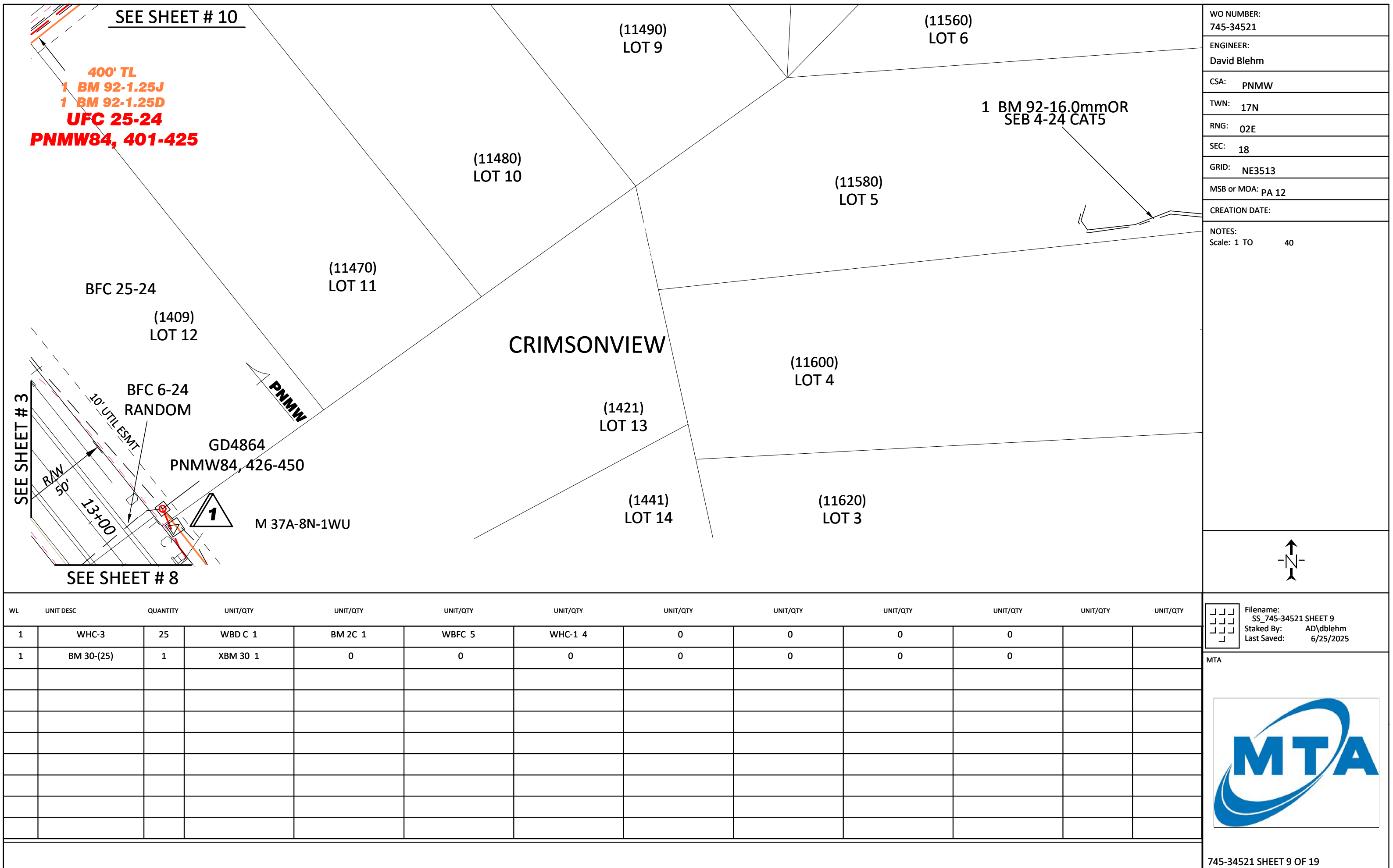
NOTES:  
Scale: 1 TO 40

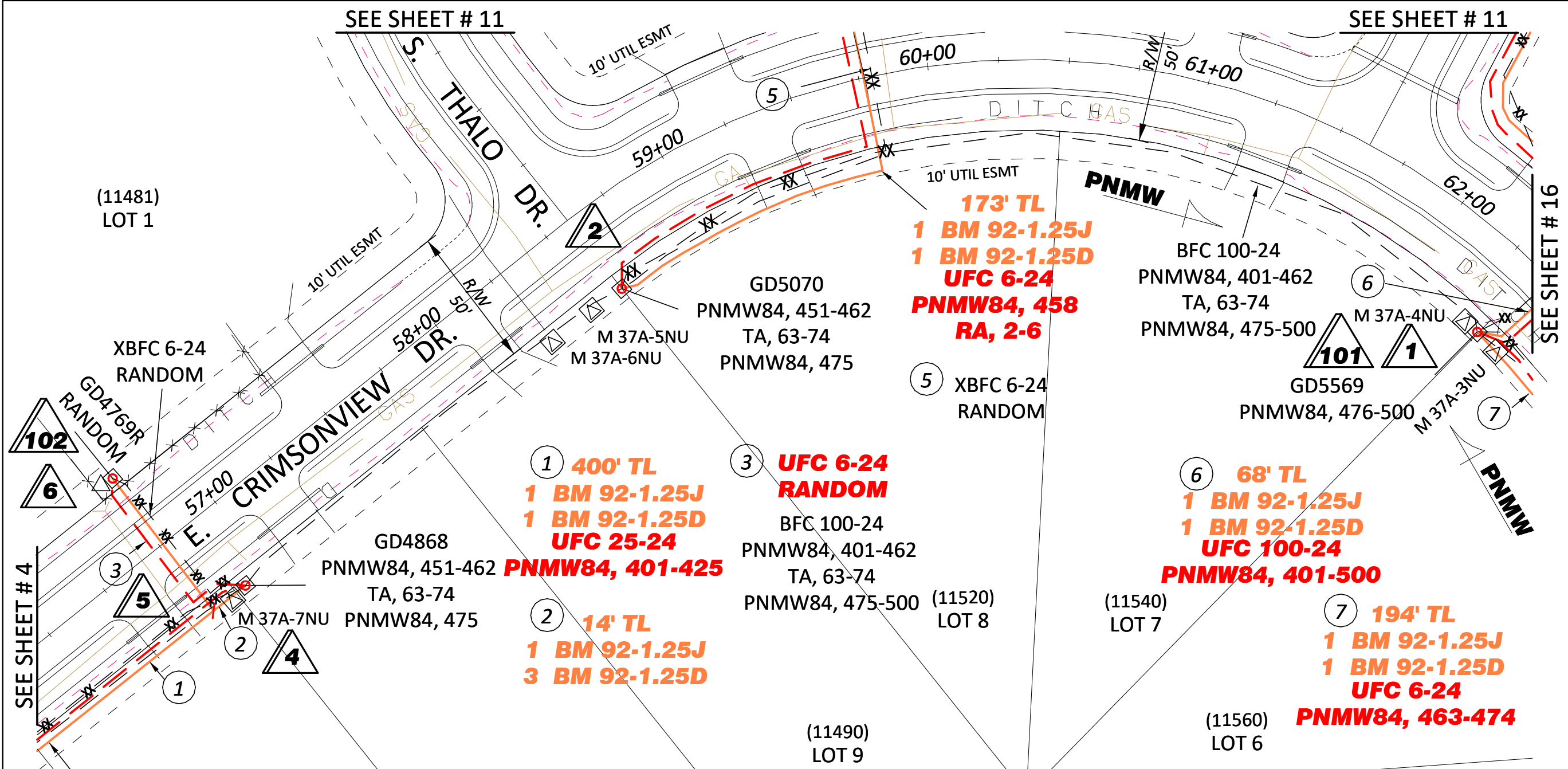


| WL  | UNIT DESC  | QUANTITY | UNIT/QT      | UNIT/QT                | UNIT/QT | UNIT/QT | UNIT/QT | UNIT/QT | UNIT/QT | UNIT/QT | UNIT/QT | UNIT/QT |
|-----|------------|----------|--------------|------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1   | UFC 25-24  | 161'     | 0            | 0                      | 0       | 0       | 0       | 0       | 0       | 0       |         |         |
| 101 | XBFC 25-24 | 139'     | 0            | 0                      | 0       | 0       | 0       | 0       | 0       | 0       |         |         |
| 102 | XBFC 25-24 | 149'     | 0            | 0                      | 0       | 0       | 0       | 0       | 0       | 0       |         |         |
| 2   | UFC 25-24  | 143'     | 0            | 0                      | 0       | 0       | 0       | 0       | 0       | 0       |         |         |
| 1   | TL         | 155'     | BM 92-2J 165 | *B*<br>BM 92-1.25D 165 |         |         |         |         |         |         |         |         |
| 2   | TL         | 141'     | BM 92-2J 151 | *B*<br>BM 92-1.25D 151 |         |         |         |         |         |         |         |         |
| 1   | WHC-3      | 25       | WBD C 1      | BM 2C 1                | WBFC 10 | WHC-1 2 | 0       | 0       | 0       | 0       |         |         |
| 2   | WHC-3      | 25       | WBD C 1      | BM 2C 1                | WBFC 5  | WHC-1 2 | 0       | 0       | 0       | 0       |         |         |
| 1   | BM 30-(25) | 1        | XBM 30 1     | 0                      | 0       | 0       | 0       | 0       | 0       | 0       |         |         |
| 2   | BM 30-(25) | 1        | XBM 30 1     | 0                      | 0       | 0       | 0       | 0       | 0       | 0       |         |         |

Filename: SS\_745-34521 SHEET 8  
Staked By: AD\blehm  
Last Saved: 6/25/2025

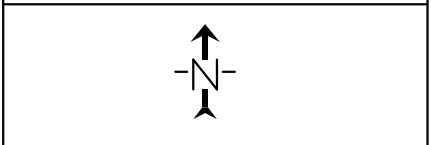






|                |             |
|----------------|-------------|
| WO NUMBER:     | 745-34521   |
| ENGINEER:      | David Blehm |
| CSA:           | PNMW        |
| TWN:           | 17N         |
| RNG:           | 02E         |
| SEC:           | 18          |
| GRID:          | NE3513      |
| MSB or MOA:    | pA 12       |
| CREATION DATE: |             |

NOTES:  
Scale: 1 TO 40



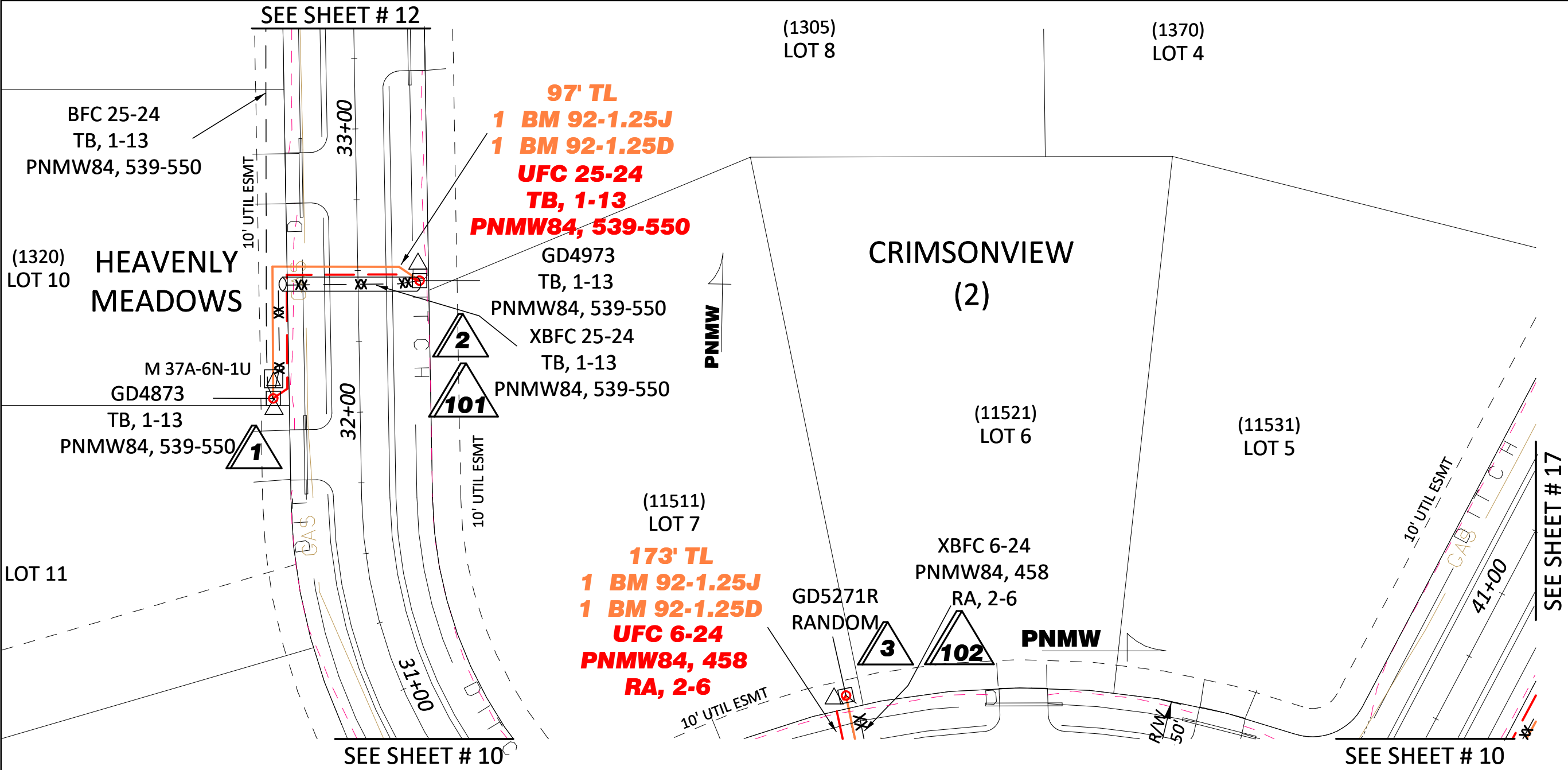
| WL  | UNIT DESC   | QUANTITY | UNIT/QTY       | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|-----|-------------|----------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 101 | XBFC 100-24 | 57'      | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 1   | UFC 100-24  | 9'       | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 102 | XBFC 6-24   | 73'      | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 6   | UFC 6-24    | 73'      | 0              | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 1   | TL          | 68'      | BM 92-1.25J 78 | *B*      |          |          |          |          |          |          |          |          |
|     |             |          | BM 92-1.25D 78 |          |          |          |          |          |          |          |          |          |
| 5   | TL          | 14'      | BM 92-1.25J 24 | *B*      |          |          |          |          |          |          |          |          |
|     |             |          | BM 92-1.25D 72 |          |          |          |          |          |          |          |          |          |
| 6   | TL          | 59'      | BM 92-1.25J 69 | *B*      |          |          |          |          |          |          |          |          |
|     |             |          | BM 92-1.25D 69 |          |          |          |          |          |          |          |          |          |
| 1   | WHC-3       | 100      | WBD C 1        | BM 2C 1  | WBFC 10  | WHC-1 3  | 0        | 0        | 0        | 0        |          |          |
| 2   | WHC-3       | 6        | WBD C 1        | BM 2C 1  | WBFC 5   | WHC-1 2  | 0        | 0        | 0        | 0        |          |          |
| 4   | WHC-3       | 25       | WBD C 1        | BM 2C 1  | WBFC 10  | WHC-1 3  | 0        | 0        | 0        | 0        |          |          |

Filename: SS\_745-34521 SHEET10  
Staked By: AD\blehm  
Last Saved: 6/25/2025

MTA

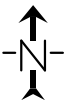






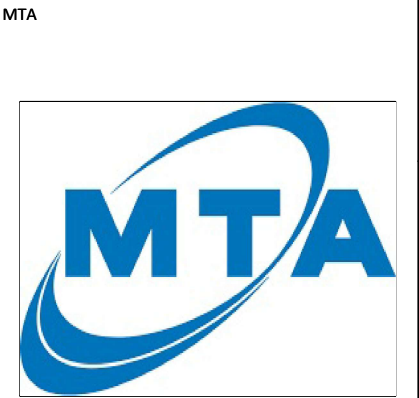
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|----------------|-------------|
| WO NUMBER:     | 745-34521   |
| ENGINEER:      | David Blehm |
| CSA:           | PNMW        |
| TWN:           | 17N         |
| RNG:           | 02E         |
| SEC:           | 18          |
| GRID:          | NE3513      |
| MSB or MOA:    | pA 12       |
| CREATION DATE: |             |

NOTES:  
Scale: 1 TO 40



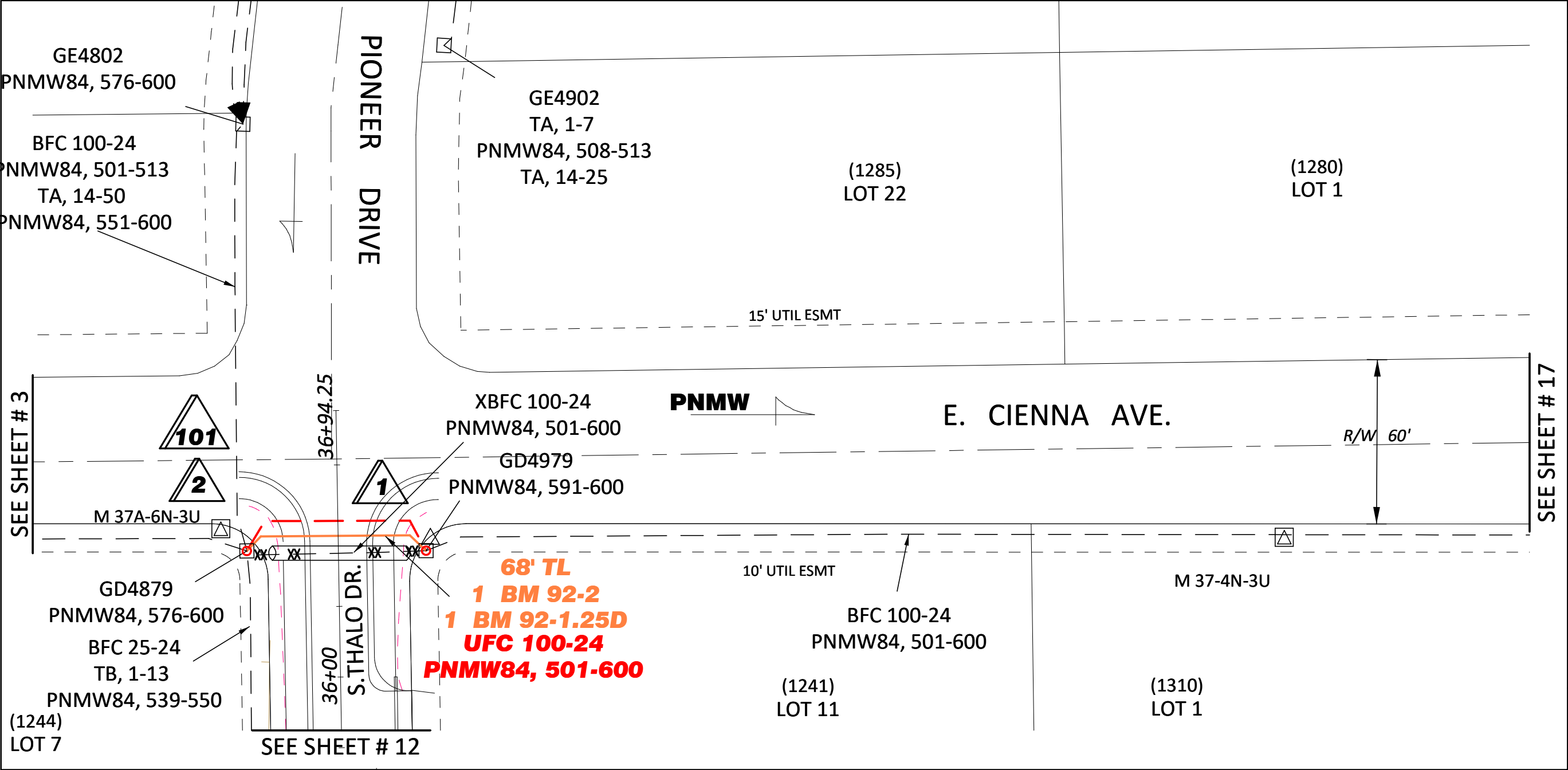
| WL  | UNIT DESC  | QUANTITY | UNIT/QTY        | UNIT/QTY               | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|-----|------------|----------|-----------------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 101 | XBFC 25-24 | 85'      | 0               | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 102 | XBFC 6-24  | 169'     | 0               | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 2   | UFC 25-24  | 94'      | 0               | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 3   | UFC 6-24   | 162'     | 0               | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 2   | TL         | 97'      | BM 92-1.25J 107 | *B*<br>BM 92-1.25D 107 |          |          |          |          |          |          |          |          |
| 3   | TL         | 173'     | BM 92-1.25J 183 | *B*<br>BM 92-1.25D 183 |          |          |          |          |          |          |          |          |
| 1   | WHC-3      | 25       | WBD C 1         | BM 2C 1                | WBFC 5   | WHC-1 3  | 0        | 0        | 0        | 0        |          |          |
| 2   | WHC-3      | 25       | WBD C 1         | BM 2C 1                | WBFC 5   | WHC-1 2  | 0        | 0        | 0        | 0        |          |          |
| 3   | WHC-1      | 3        | WBD C 1         | BM 2C 1                | WBFC 5   | 0        | 0        | 0        | 0        | 0        |          |          |
| 1   | BM 30-(25) | 1        | XBM 30 1        | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |

Filename:  
SS\_745-34521 SHEET 11  
Staked By: AD\blehm  
Last Saved: 6/25/2025



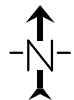






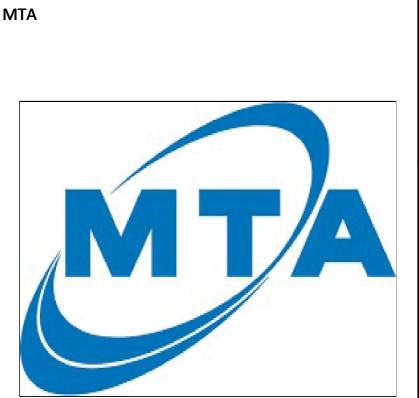
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|--------------------------|
| WO NUMBER:<br>745-34521  |
| ENGINEER:<br>David Blehm |
| CSA: PNMW                |
| TWN: 17N                 |
| RNG: 02E                 |
| SEC: 18                  |
| GRID: NE3513             |
| MSB or MOA: PA 12        |
| CREATION DATE:           |

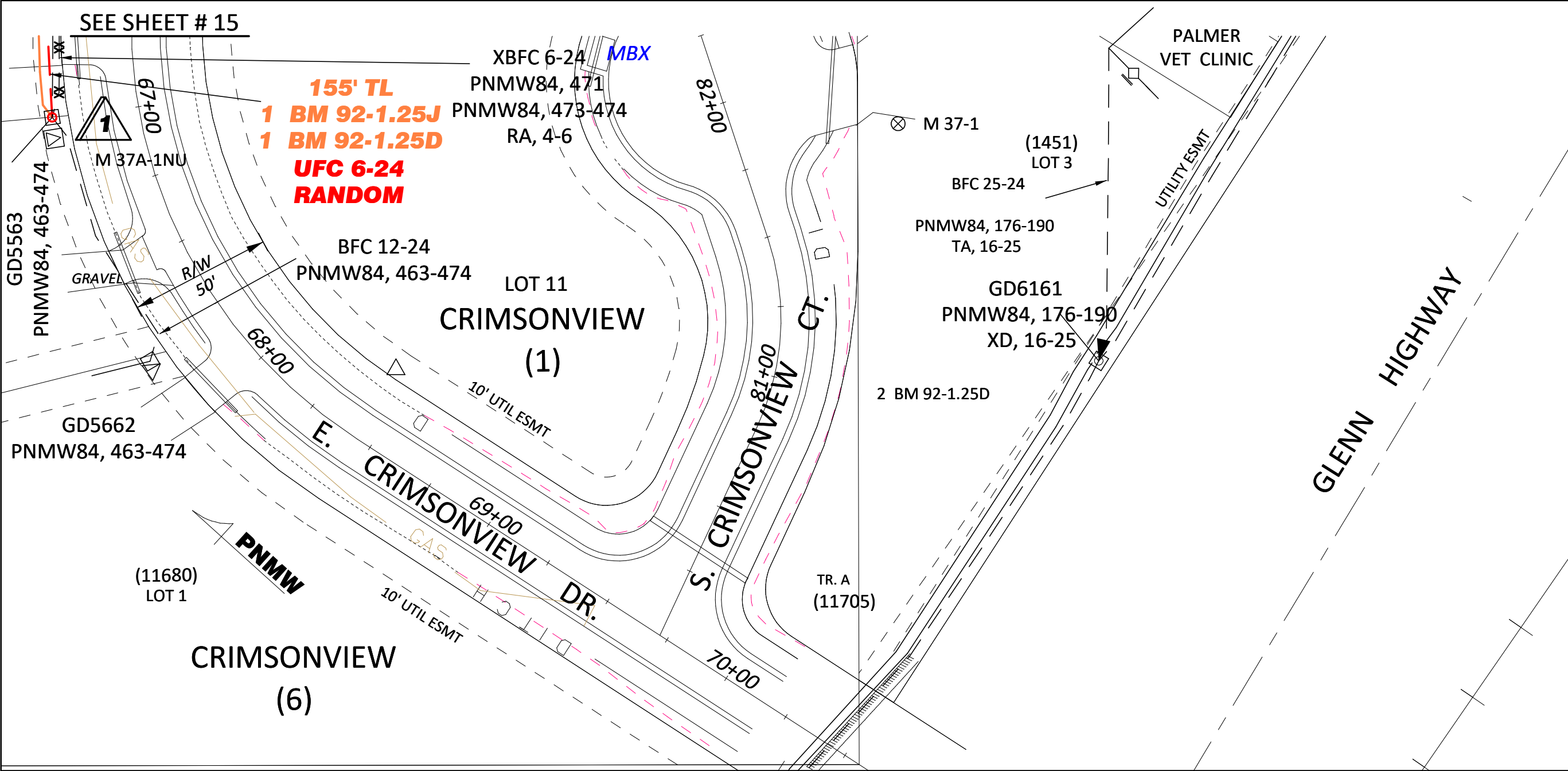
NOTES:  
Scale: 1 TO 40



| WL  | UNIT DESC   | QUANTITY | UNIT/QTY   | UNIT/QTY              | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|-----|-------------|----------|------------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 101 | XBFC 100-24 | 80'      | 0          | 0                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 2   | UFC 100-24  | 77'      | 0          | 0                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 2   | TL          | 68'      | BM 92-2 78 | *B*<br>BM 92-1.25D 78 |          |          |          |          |          |          |          |          |
| 1   | WHC-3       | 100      | WBD C 1    | BM 2C 1               | WBFC 5   | WHC-1 2  | 0        | 0        | 0        | 0        | 0        |          |
| 2   | WHC-3       | 100      | WBD C 1    | BM 2C 1               | WBFC 5   | WHC-1 3  | 0        | 0        | 0        | 0        | 0        |          |
| 1   | BM-30 (12)  | 1        | XPG-9 1    | 0                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 2   | BM 30-(25)  | 1        | XBM 30 0   | 0                     | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
|     |             |          |            |                       |          |          |          |          |          |          |          |          |
|     |             |          |            |                       |          |          |          |          |          |          |          |          |
|     |             |          |            |                       |          |          |          |          |          |          |          |          |

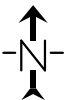
Filename:  
SS\_745-34521 SHEET 13  
Staked By: AD\blehm  
Last Saved: 6/25/2025





|                |             |
|----------------|-------------|
| WO NUMBER:     | 745-34521   |
| ENGINEER:      | David Blehm |
| CSA:           | PNMW        |
| TWN:           | 17N         |
| RNG:           | 02E         |
| SEC:           | 18          |
| GRID:          | NE3513      |
| MSB or MOA:    | pA 12       |
| CREATION DATE: |             |

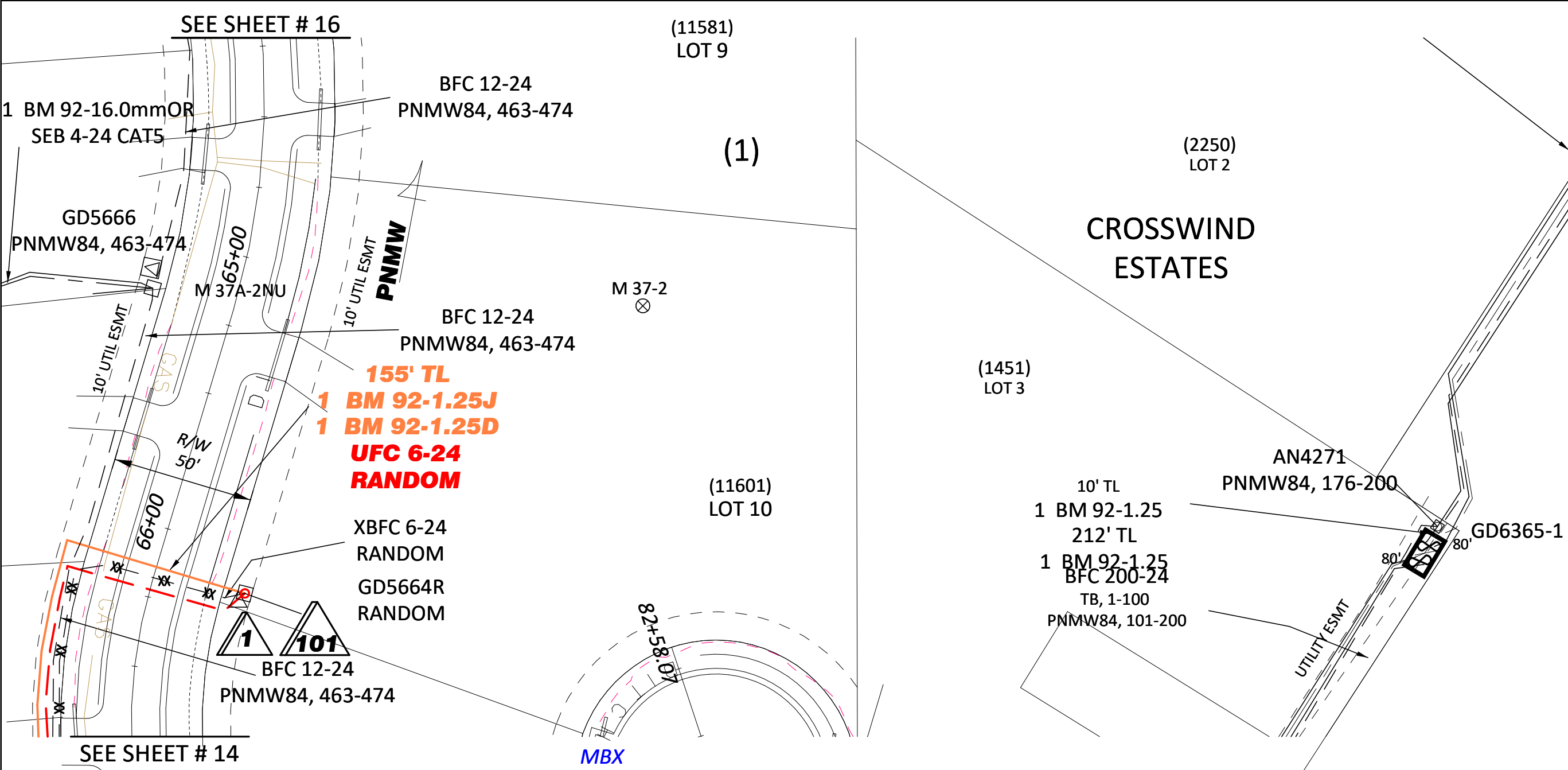
NOTES:  
Scale: 1 TO 40



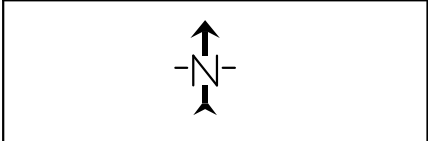
| WL | UNIT DESC | QUANTITY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1  | WHC-1     | 4        | WBD C 1  | BM 2C 1  | WBFC 5   | 0        | 0        | 0        | 0        | 0        |          |          |
| 1  | BM 30-(6) | 1        | XBM 30 1 | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
|    |           |          |          |          |          |          |          |          |          |          |          |          |
|    |           |          |          |          |          |          |          |          |          |          |          |          |
|    |           |          |          |          |          |          |          |          |          |          |          |          |
|    |           |          |          |          |          |          |          |          |          |          |          |          |
|    |           |          |          |          |          |          |          |          |          |          |          |          |
|    |           |          |          |          |          |          |          |          |          |          |          |          |
|    |           |          |          |          |          |          |          |          |          |          |          |          |
|    |           |          |          |          |          |          |          |          |          |          |          |          |
|    |           |          |          |          |          |          |          |          |          |          |          |          |
|    |           |          |          |          |          |          |          |          |          |          |          |          |
|    |           |          |          |          |          |          |          |          |          |          |          |          |
|    |           |          |          |          |          |          |          |          |          |          |          |          |

Filename:  
SS\_745-34521 SHEET 14  
Staked By: AD\blehm  
Last Saved: 6/25/2025

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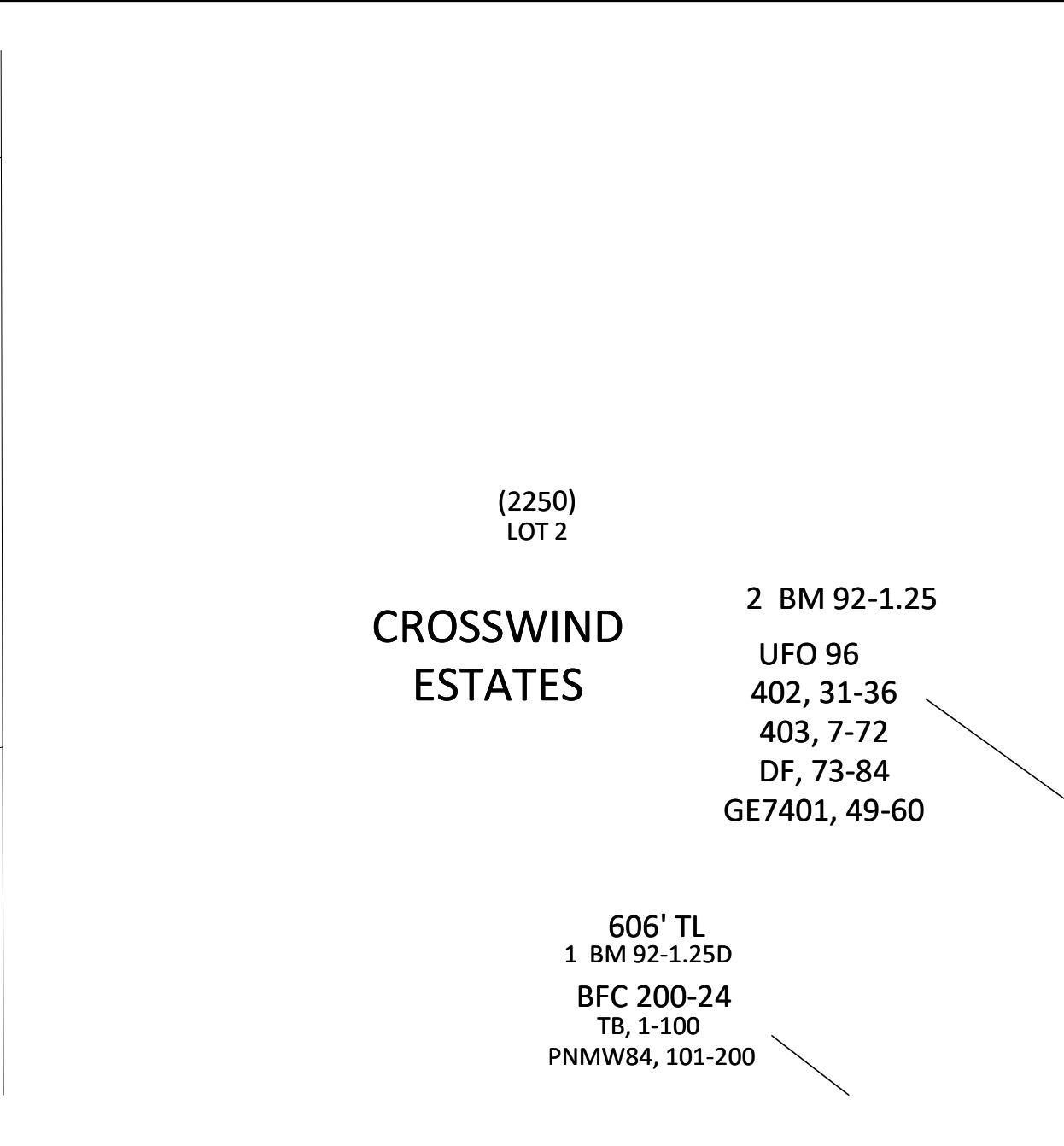
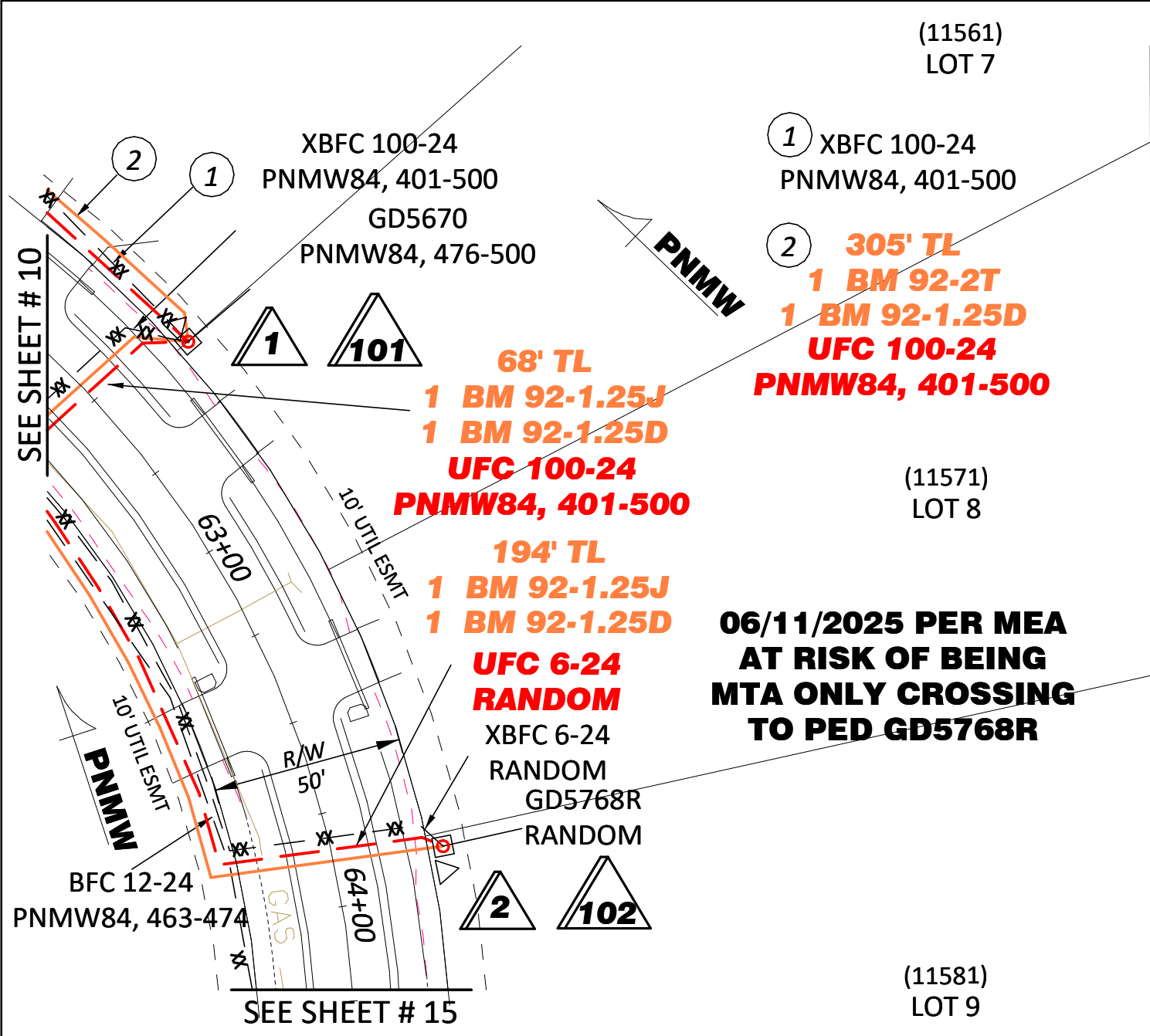
|                          |
|--------------------------|
| WO NUMBER:<br>745-34521  |
| ENGINEER:<br>David Blehm |
| CSA: PNMW                |
| TWN: 17N                 |
| RNG: 02E                 |
| SEC: 18                  |
| GRID: NE3513             |
| MSB or MOA: pA 12        |
| CREATION DATE:           |
| NOTES:<br>Scale: 1 TO 40 |



| WL  | UNIT DESC | QUANTITY | UNIT/QTY        | UNIT/QTY               | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|-----|-----------|----------|-----------------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1   | UFC 6-24  | 157'     | 0               | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 101 | XBFC 6-24 | 130'     | 0               | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 1   | TL        | 155'     | BM 92-1.25J 165 | *B*<br>BM 92-1.25D 165 |          |          |          |          |          |          |          |          |
| 1   | HC-1      | 3        | WBD C 1         | BM 2C 1                | WBFC 5   | 0        | 0        | 0        | 0        | 0        |          |          |
| 1   | BM 30-(6) | 1        | XBM 30 1        | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
|     |           |          |                 |                        |          |          |          |          |          |          |          |          |
|     |           |          |                 |                        |          |          |          |          |          |          |          |          |
|     |           |          |                 |                        |          |          |          |          |          |          |          |          |
|     |           |          |                 |                        |          |          |          |          |          |          |          |          |
|     |           |          |                 |                        |          |          |          |          |          |          |          |          |
|     |           |          |                 |                        |          |          |          |          |          |          |          |          |
|     |           |          |                 |                        |          |          |          |          |          |          |          |          |

Filename:  
SS\_745-34521 SHEET 15  
Staked By: AD\blehm  
Last Saved: 6/26/2025

MTA



WO NUMBER:  
745-34521

ENGINEER:  
David Blehm

CSA: PNMW

TWN: 17N

RNG: 02E

SEC: 18

GRID: NE3513

MSB or MOA: pA 12

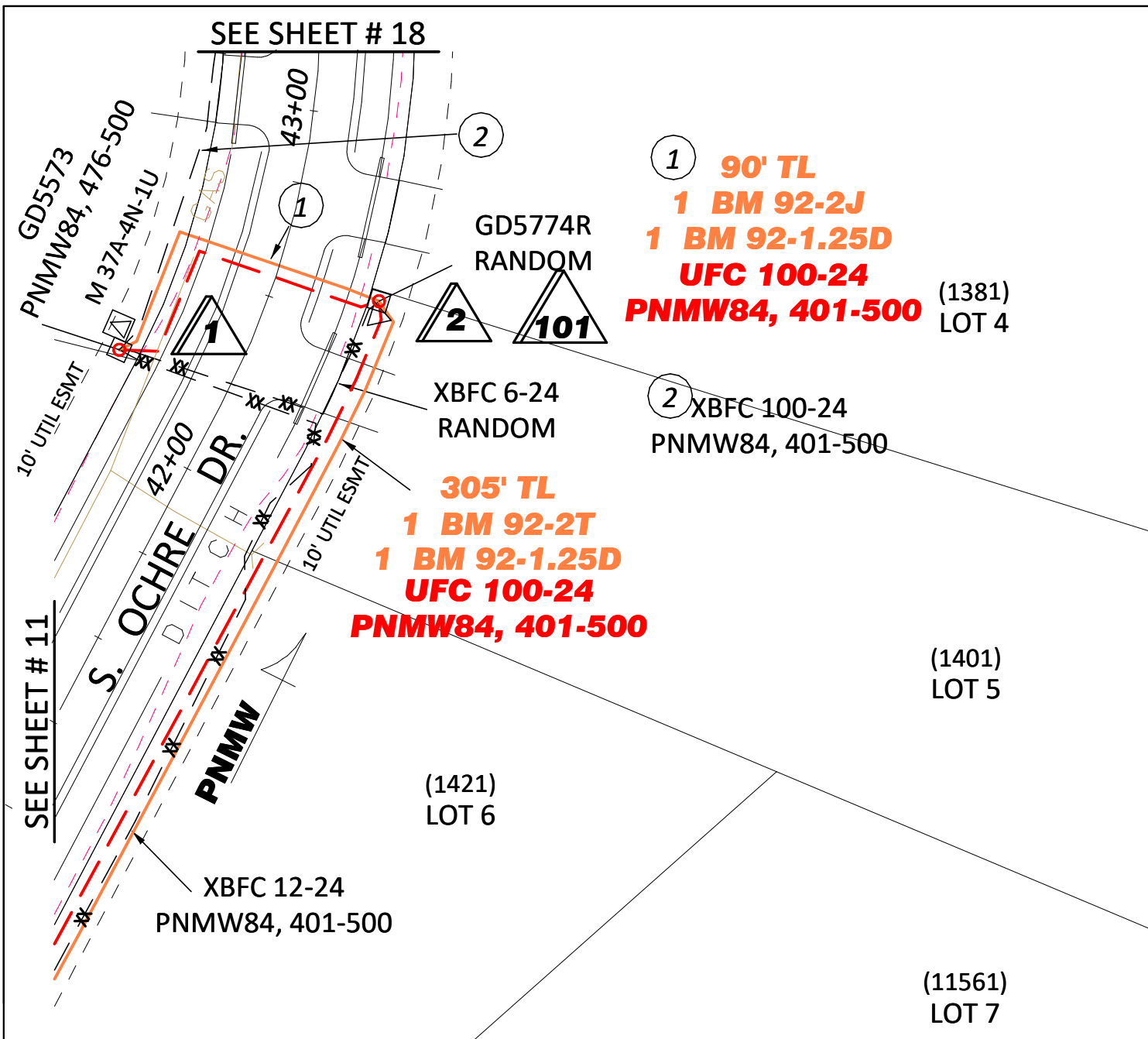
CREATION DATE:

NOTES:  
Scale: 1 TO 40

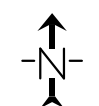
| WL  | UNIT DESC  | QUANTITY | UNIT/QTY        | UNIT/QTY               | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|-----|------------|----------|-----------------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1   | UFC 100-24 | 77'      | 0               | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 101 | XBFC 12-24 | 317'     | 0               | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 102 | XBFC 6-24  | 186'     | 0               | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 2   | UFC 6-24   | 189'     | 0               | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 1   | TL         | 305'     | BM 92-2T 315    | *B*<br>BM 92-1.25D 315 |          |          |          |          |          |          |          |          |
| 2   | TL         | 194'     | BM 92-1.25J 204 | *B*<br>BM 92-1.25D 204 |          |          |          |          |          |          |          |          |
| 1   | WHC-3      | 100      | WBD C 1         | BM 2C 1                | WBFC 10  | WHC-1 3  | 0        | 0        | 0        | 0        |          |          |
| 2   | WHC-1      | 3        | WBD C 1         | BM 2C 1                | WBFC 5   | 0        | 0        | 0        | 0        | 0        |          |          |
| 1   | BM 30-(25) | 1        | XBM 30 1        | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |
| 2   | BM 30-(6)  | 1        | XBM 30 1        | 0                      | 0        | 0        | 0        | 0        | 0        | 0        |          |          |

Filename:  
SS\_745-34521 SHEET 16  
Staked By: AD\blehm  
Last Saved: 6/26/2025

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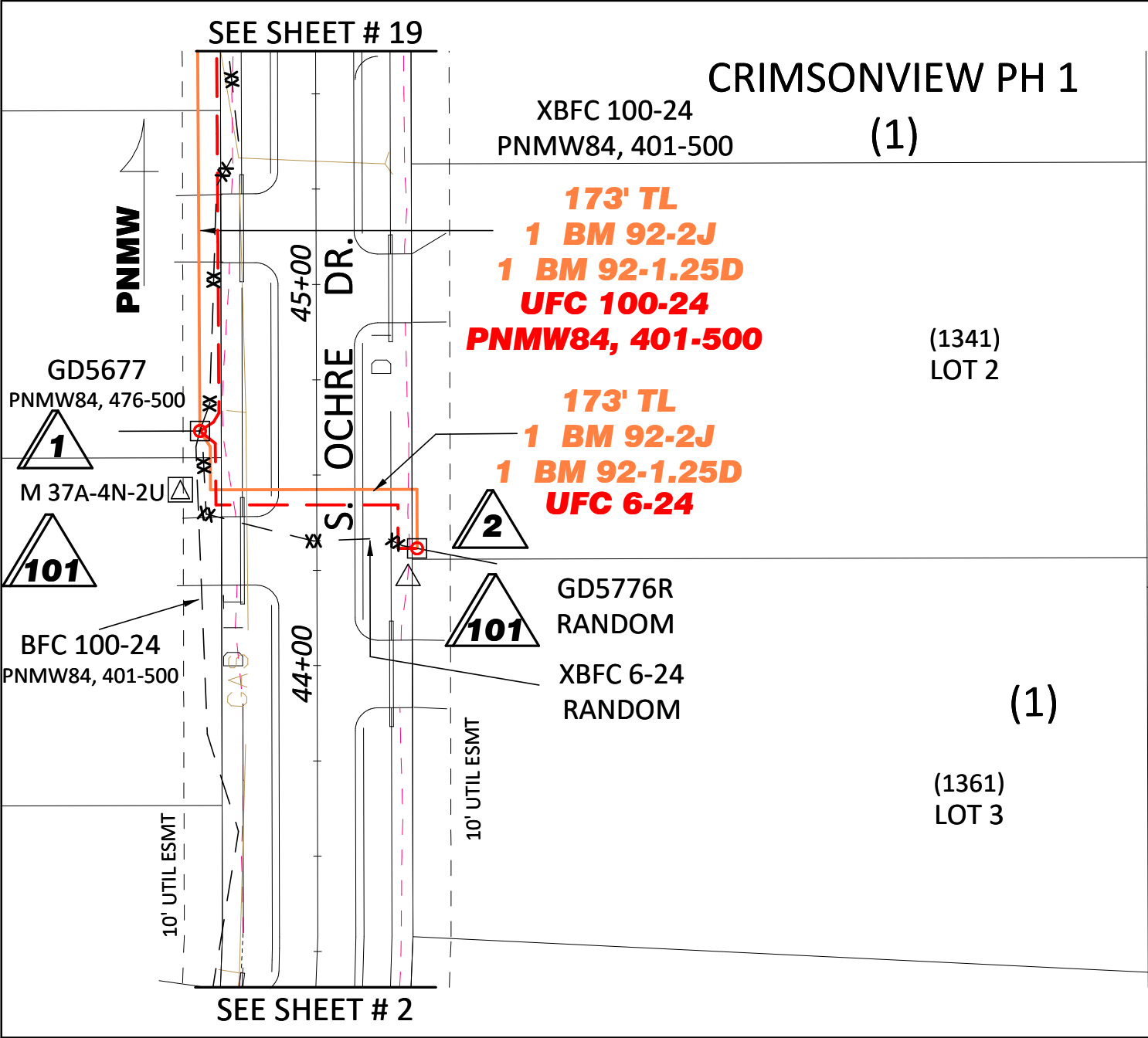
|                |             |
|----------------|-------------|
| WO NUMBER:     | 745-34521   |
| ENGINEER:      | David Blehm |
| CSA:           | PNMW        |
| TWN:           | 17N         |
| RNG:           | 02E         |
| SEC:           | 18          |
| GRID:          | NE3513      |
| MSB or MOA:    | PA 12       |
| CREATION DATE: |             |

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Filename:  
SS\_745-34521 SHEET 17  
Staked By: AD\blehm  
Last Saved: 6/26/2025

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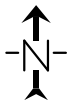




CROSSWIND  
ESTATES

|                          |
|--------------------------|
| WO NUMBER:<br>745-34521  |
| ENGINEER:<br>David Blehm |
| CSA: PNMW                |
| TWN: 17N                 |
| RNG: 02E                 |
| SEC: 18                  |
| GRID: NE3513             |
| MSB or MOA: pA 12        |
| CREATION DATE:           |

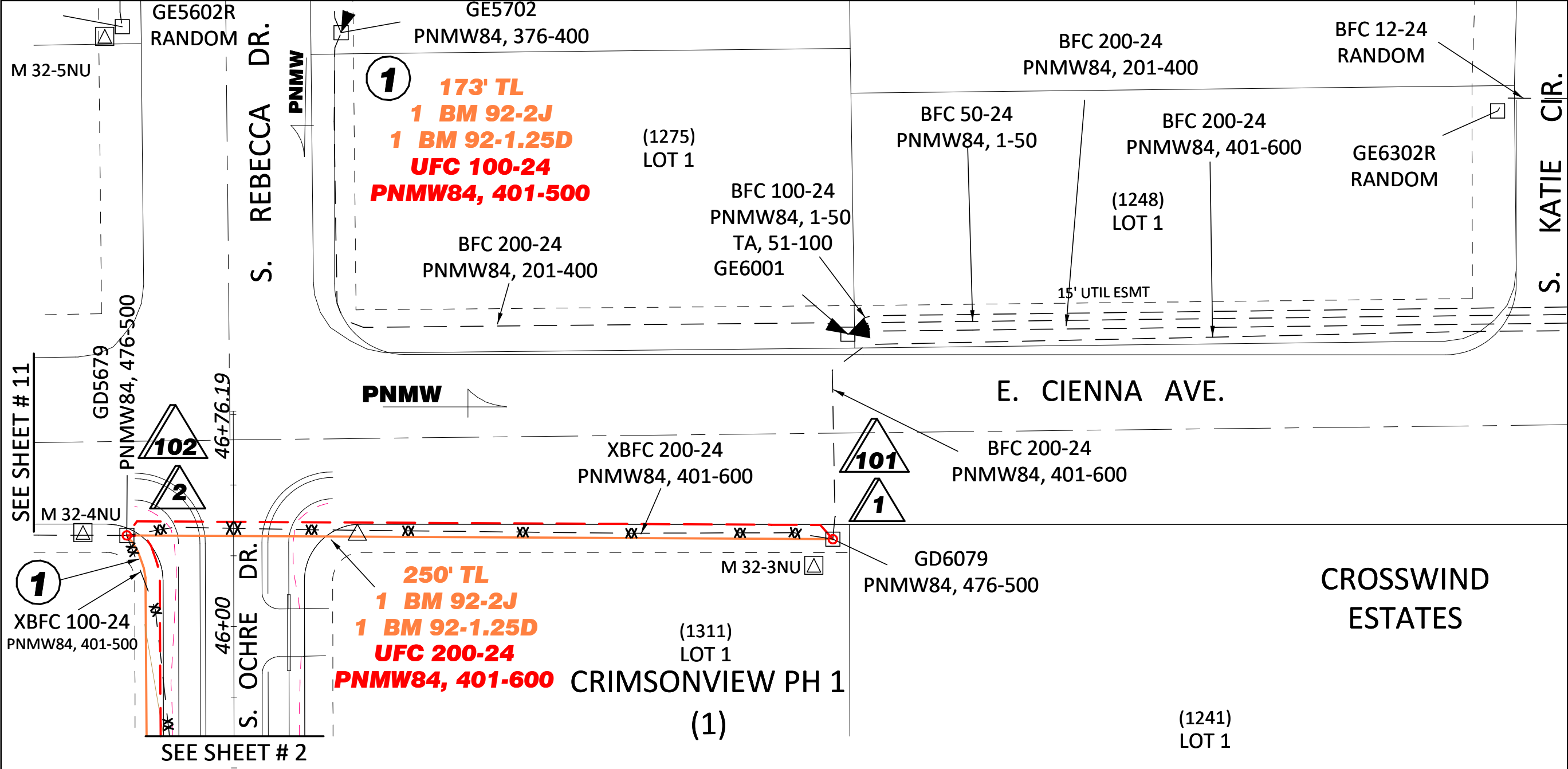
NOTES:  
Scale: 1 TO 40



| WL  | UNIT DESC   | QUANTITY | UNIT/QTY       | UNIT/QTY               | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|-----|-------------|----------|----------------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1   | UFC 100-24  | 176'     | 0              | 0                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 101 | XBFC 100-24 | 166'     | 0              | 0                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 102 | XBFC 6-24   | 72'      | 0              | 0                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 2   | UFC 6-24    | 85'      | 0              | 0                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 1   | TL          | 173'     | BM 92-2J 183   | *B*<br>BM 92-1.25D 183 |          |          |          |          |          |          |          |          |
| 2   | TL          | 89'      | BM 92-1.25J 99 | *B*<br>BM 92-1.25D 183 |          |          |          |          |          |          |          |          |
| 1   | WHC-3       | 100      | WBD C 1        | BM 2C 2                | WBFC 10  | WHC-1 2  | 0        | 0        | 0        | 0        | 0        |          |
| 2   | WHC-1       | 4        | WBD C 1        | BM 2C 1                | WBFC 5   | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 1   | BM 30-(25)  | 1        | XBM 30 1       | 0                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 2   | BM 30-(6)   | 1        | XBM 30 1       | 0                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |

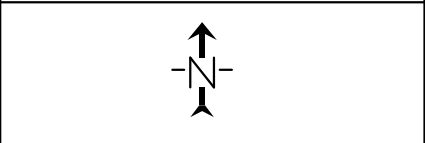
Filename: SS\_745-34521 SHEET 18  
Staked By: AD\blehm  
Last Saved: 6/26/2025





|                          |
|--------------------------|
| WO NUMBER:<br>745-34521  |
| ENGINEER:<br>David Blehm |
| CSA: PNMW                |
| TWN: 17N                 |
| RNG: 02E                 |
| SEC: 18                  |
| GRID: NE3513             |
| MSB or MOA: pA 12        |
| CREATION DATE:           |

NOTES:  
Scale: 1 TO 40



| WL  | UNIT DESC   | QUANTITY | UNIT/QTY     | UNIT/QTY               | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY | UNIT/QTY |
|-----|-------------|----------|--------------|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 102 | XBFC 200-24 | 258'     | 0            | 0                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 2   | UFC 200-24  | 255'     | 0            | 0                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 2   | TL          | 250'     | BM 92-2J 260 | *B*<br>BM 92-1.25D 260 |          |          |          |          |          |          |          |          |
| 1   | WHC-3       | 200      | WBD C 1      | BM 2C 1                | WBFC 5   | WHC-1 2  | 0        | 0        | 0        | 0        | 0        |          |
| 2   | WHC-3       | 200      | WBD C 1      | BM 2C 1                | WBFC 10  | WHC-1 1  | 0        | 0        | 0        | 0        | 0        |          |
| 1   | BM 30-(25)  | 1        | XBM 30 0     | 0                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
| 2   | BM 30-(25)  | 1        | XBM 30 0     | 0                      | 0        | 0        | 0        | 0        | 0        | 0        | 0        |          |
|     |             |          |              |                        |          |          |          |          |          |          |          |          |
|     |             |          |              |                        |          |          |          |          |          |          |          |          |
|     |             |          |              |                        |          |          |          |          |          |          |          |          |

Filename: SS\_745-34521 SHEET 19  
Staked By: AD\blehm  
Last Saved: 6/26/2025

