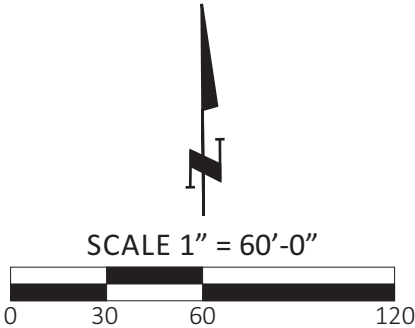


| PAGE DESCRIPTION                    | SHEET NUMBER |
|-------------------------------------|--------------|
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VERTI-BLOCK RETAINING WALL DESIGN PACKAGE  
SUNDOWN CONDOS PHASE 3  
6550 NORTH POWDER MOUNTAIN ROAD  
EDEN, UTAH

Alan E Money Digitally signed by Alan E Money  
Date: 2025.05.23 19:54:14 -07'00'



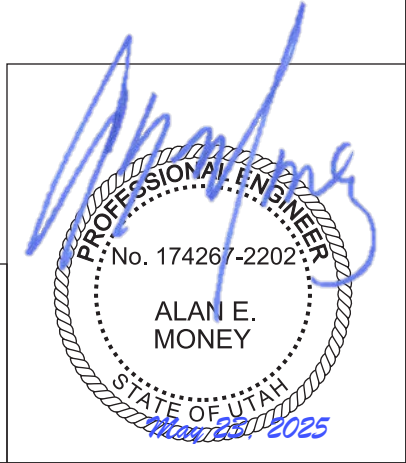
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| Project Number: AZ 2025      |
| Engineered By: Alan E. Money |
| Scale: 1"=60'                |

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| DRAWING TITLE: | VERTI-BLOCK RETAINING WALLS<br>COVER SHEET                          | SHEET NUMBER:<br>1 |
| PROJECT NAME:  | SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                    |

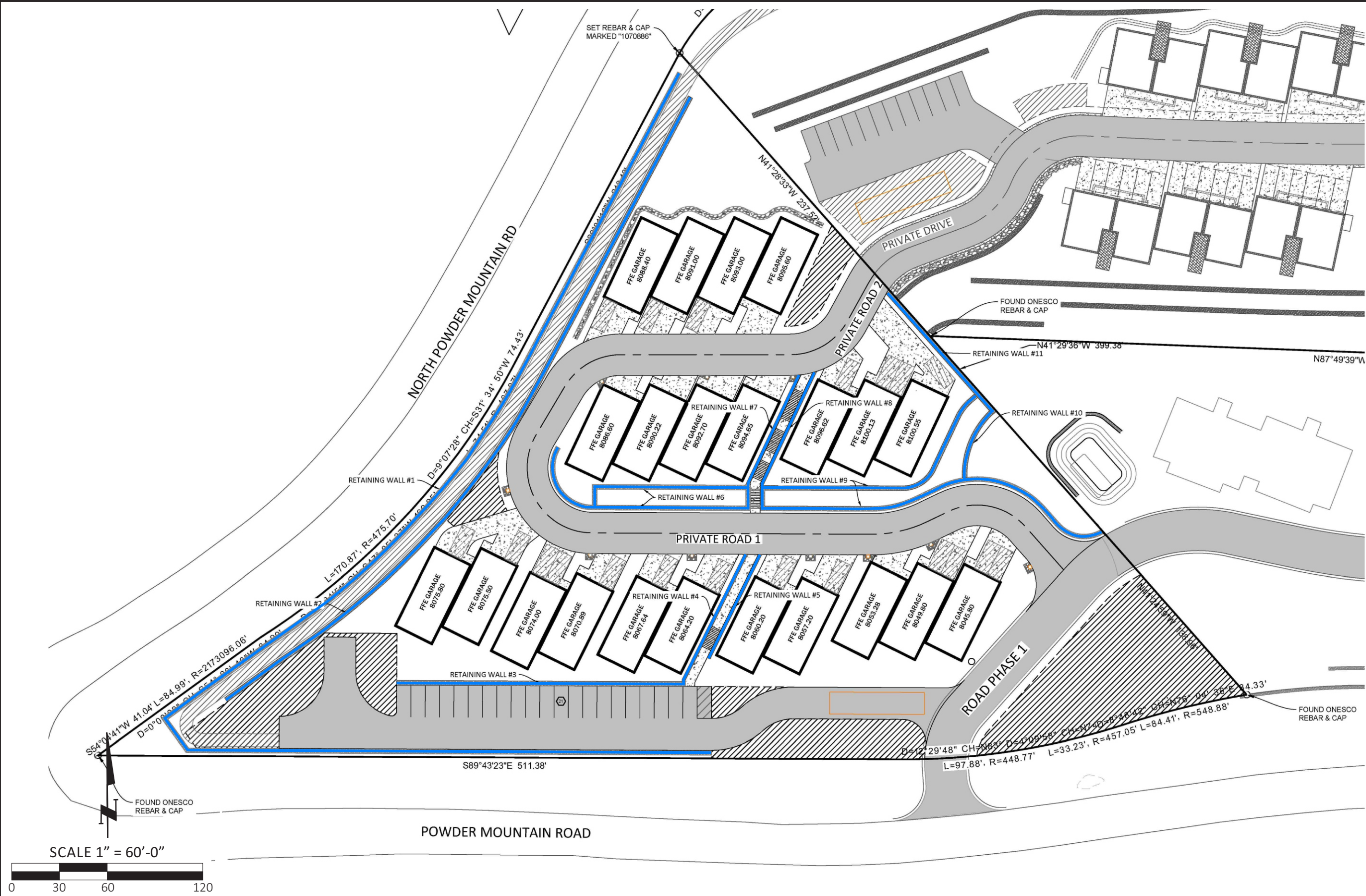
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Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A







Project Number: AZ 2025

Engineered By: Alan E. Money

Scale: 1"=60'

DRAWING TITLE: VERTI-BLOCK RETAINING WALLS  
PLAN VIEW

PROJECT NAME: SUNDOWN CONDOS PHASE 3  
6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT

SHEET NUMBER: 2

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Date: 05/14/25  
Revision: N/A

PROFESSIONAL ENGINEER  
No. 174267-2202  
ALAN E. MONEY  
STATE OF UTAH  
May 23, 2025



| RETAINING WALL #1 |         |         |         | L =   |       | 881.99 |         |                 |  |
|-------------------|---------|---------|---------|-------|-------|--------|---------|-----------------|--|
| BOW 1             | TOW 1   | BOW 2   | TOW 2   | H1    | H2    | L      | AREA    | TOTAL AREA (SF) |  |
| 8044.91           | 8044.91 | 8046.92 | 8052.8  | 0     | 5.88  | 29.00  | 85.26   | 9940.99         |  |
| 8046.92           | 8052.8  | 8050.35 | 8060.61 | 5.88  | 10.26 | 49.99  | 403.42  |                 |  |
| 8050.35           | 8060.61 | 8053.78 | 8063.99 | 10.26 | 10.21 | 49.84  | 510.11  |                 |  |
| 8053.78           | 8063.99 | 8057.76 | 8069.96 | 10.21 | 12.2  | 58.66  | 657.29  |                 |  |
| 8057.76           | 8069.96 | 8061.85 | 8074.92 | 12.2  | 13.07 | 62.13  | 785.01  |                 |  |
| 8061.85           | 8074.92 | 8064.00 | 8077.37 | 13.07 | 13.37 | 29.35  | 388.01  |                 |  |
| 8064.00           | 8077.37 | 8068.49 | 8081.17 | 13.37 | 12.68 | 49.82  | 648.91  |                 |  |
| 8068.49           | 8081.17 | 8069.49 | 8087.37 | 12.68 | 17.88 | 22.10  | 337.69  |                 |  |
| 8069.49           | 8087.37 | 8071.27 | 8091.28 | 17.88 | 20.01 | 27.11  | 513.60  |                 |  |
| 8071.27           | 8091.28 | 8102.00 | 8105.85 | 20.01 | 3.85  | 149.78 | 1786.88 |                 |  |
| 8102.00           | 8105.85 | 8092.69 | 8110.63 | 3.85  | 17.94 | 50.02  | 544.97  |                 |  |
| 8092.69           | 8110.63 | 8098.48 | 8114.53 | 17.94 | 16.05 | 50.03  | 850.26  |                 |  |
| 8098.48           | 8114.53 | 8117.43 | 8126.64 | 16.05 | 9.21  | 149.89 | 1893.11 |                 |  |
| 8117.43           | 8126.64 | 8134.65 | 8135.73 | 9.21  | 1.08  | 104.27 | 536.47  |                 |  |

| RETAINING WALL #2 |         |         |         | L =   |       | 488.15 |        |                 |  |
|-------------------|---------|---------|---------|-------|-------|--------|--------|-----------------|--|
| BOW 1             | TOW 1   | BOW 2   | TOW 2   | H1    | H2    | L      | AREA   | TOTAL AREA (SF) |  |
| 8072.04           | 8072.04 | 8068.49 | 8075.99 | 0     | 7.50  | 39.82  | 149.33 | 5942.40         |  |
| 8068.49           | 8075.99 | 8071.32 | 8081.1  | 7.50  | 9.78  | 50.52  | 436.49 |                 |  |
| 8071.32           | 8081.1  | 8074.59 | 8086.74 | 9.78  | 12.15 | 51.87  | 568.75 |                 |  |
| 8074.59           | 8086.74 | 8083.83 | 8092.37 | 12.15 | 8.54  | 51.05  | 528.11 |                 |  |
| 8083.83           | 8092.37 | 8077.97 | 8094.97 | 8.54  | 17.00 | 24.25  | 309.67 |                 |  |
| 8077.97           | 8094.97 | 8080.23 | 8098.05 | 17.00 | 17.82 | 27.39  | 476.86 |                 |  |
| 8080.23           | 8098.05 | 8103.83 | 8117.58 | 17.82 | 13.75 | 50.32  | 794.30 |                 |  |
| 8103.83           | 8117.58 | 8088.18 | 8108.11 | 13.75 | 19.93 | 50.93  | 857.66 |                 |  |
| 8088.18           | 8108.11 | 8098.72 | 8117.09 | 19.93 | 18.37 | 50     | 957.50 |                 |  |
| 8098.72           | 8117.09 | 8118.03 | 8126.6  | 18.37 | 8.57  | 50     | 673.50 |                 |  |
| 8118.03           | 8126.6  | 8122.31 | 8128.92 | 8.57  | 6.61  | 12     | 91.08  |                 |  |
| 8122.31           | 8128.92 | 8134.65 | 8134.65 | 6.61  | 0     | 30     | 99.15  |                 |  |

| RETAINING WALL #3 |         |         |         | L =  |      | 181.5 |        |                 |  |
|-------------------|---------|---------|---------|------|------|-------|--------|-----------------|--|
| BOW 1             | TOW 1   | BOW 2   | TOW 2   | H1   | H2   | L     | AREA   | TOTAL AREA (SF) |  |
| 8058.99           | 8058.99 | 8053.69 | 8060.55 | 0    | 6.86 | 81.3  | 278.86 | 646.25          |  |
| 8053.69           | 8060.55 | 8050.99 | 8054.18 | 6.86 | 3.19 | 42.24 | 212.26 |                 |  |
| 8050.99           | 8054.18 | 8048.54 | 8051    | 3.19 | 2.46 | 37.47 | 105.85 |                 |  |
| 8048.54           | 8051    | 8047.19 | 8049.54 | 2.46 | 2.35 | 20.49 | 49.28  |                 |  |

| RETAINING WALL #4 |         |         |         | L =   |       | 92.19 |        |                 |  |
|-------------------|---------|---------|---------|-------|-------|-------|--------|-----------------|--|
| BOW 1             | TOW 1   | BOW 2   | TOW 2   | H1    | H2    | L     | AREA   | TOTAL AREA (SF) |  |
| 8047.19           | 8049.54 | 8047.41 | 8057.97 | 2.35  | 10.56 | 27.4  | 176.87 | 434.04          |  |
| 8047.41           | 8057.97 | 8054.83 | 8059.04 | 10.56 | 4.21  | 18.00 | 132.93 |                 |  |
| 8054.83           | 8059.04 | 8059.00 | 8062.8  | 4.21  | 3.80  | 16.79 | 67.24  |                 |  |
| 8059.00           | 8062.8  | 8061.25 | 8061.25 | 3.80  | 0     | 30.00 | 57.00  |                 |  |

| RETAINING WALL #5 |         |         |         | L =  |      | 73.16 |        |                 |  |
|-------------------|---------|---------|---------|------|------|-------|--------|-----------------|--|
| BOW 1             | TOW 1   | BOW 2   | TOW 2   | H1   | H2   | L     | AREA   | TOTAL AREA (SF) |  |
| 8047.19           | 8047.19 | 8050.95 | 8057.04 | 0    | 6.09 | 23    | 70.04  | 197.47          |  |
| 8050.95           | 8057.04 | 8060    | 8060.71 | 6.09 | 0.71 | 36    | 122.40 |                 |  |
| 8060              | 8060.71 | 8060.36 | 8060.36 | 0.71 | 0    | 14.16 | 5.03   |                 |  |

| RETAINING WALL #6 |         |         |         | L =   |       | 270.86 |        |                 |  |
|-------------------|---------|---------|---------|-------|-------|--------|--------|-----------------|--|
| BOW 1             | TOW 1   | BOW 2   | TOW 2   | H1    | H2    | L      | AREA   | TOTAL AREA (SF) |  |
| 8079.69           | 8079.69 | 8071.59 | 8075    | 0     | 3.41  | 55.75  | 95.05  | 1381.35         |  |
| 8071.59           | 8075    | 8066.46 | 8073.25 | 3.41  | 6.79  | 51.23  | 261.27 |                 |  |
| 8066.46           | 8073.25 | 8061.64 | 8071.75 | 6.79  | 10.11 | 48.28  | 407.97 |                 |  |
| 8061.64           | 8071.75 | 8068.19 | 8072.34 | 10.11 | 4.15  | 16     | 114.08 |                 |  |
| 8071.75           | 8081.85 | 8075    | 8075    | 10.1  | 0     | 99.6   | 502.98 |                 |  |

| RETAINING WALL #7 |         |         |         | L =   |       | 60.88 |        |                 |  |
|-------------------|---------|---------|---------|-------|-------|-------|--------|-----------------|--|
| BOW 1             | TOW 1   | BOW 2   | TOW 2   | H1    | H2    | L     | AREA   | TOTAL AREA (SF) |  |
| 8068.29           | 8082.05 | 8074.88 | 8085.98 | 13.76 | 11.1  | 18.78 | 233.44 | 547.02          |  |
| 8074.88           | 8085.98 | 8074.99 | 8087.56 | 11.1  | 12.57 | 7.1   | 84.03  |                 |  |
| 8074.99           | 8087.56 | 8083.24 | 8090.97 | 12.57 | 7.73  | 15    | 152.25 |                 |  |
| 8083.24           | 8090.97 | 8095.64 | 8095.64 | 7.73  | 0     | 20    | 77.30  |                 |  |

| RETAINING WALL #8 |         |         |         | L =  |      | 78.34 |       |                 |  |
|-------------------|---------|---------|---------|------|------|-------|-------|-----------------|--|
| BOW 1             | TOW 1   | BOW 2   | TOW 2   | H1   | H2   | L     | AREA  | TOTAL AREA (SF) |  |
| 8068.15           | 8074.89 | 8074.76 | 8075.84 | 6.74 | 1.08 | 14.76 | 57.71 | 89.30           |  |
| 8074.76           | 8075.84 | 8083.36 | 8083.98 | 1.08 | 0.62 | 22.00 | 18.70 |                 |  |
| 8083.36           | 8083.98 | 8095.96 | 8095.96 | 0.62 | 0    | 41.58 | 12.89 |                 |  |

Project Number: AZ 2025

Engineered By: Alan E. Money

Scale: 1”=60’

DRAWING TITLE: VERTI-BLOCK RETAINING WALLS  
INFORMATION

PROJECT NAME: SUNDOWN CONDOS PHASE 3  
6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT

SHEET NUMBER:  
3

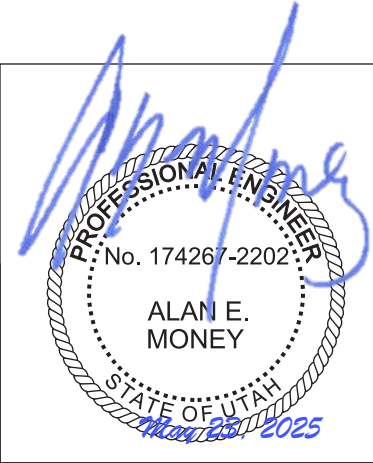
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Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A



GENERAL NOTES

BASIS OF DESIGN

1. BUILDING CODE ..... 2018 INTERNATIONAL BUILDING CODE (IBC)

2. RETAINING WALL:

A. ANALYSIS USED IN DESIGN:

| ANALYSIS                    | DESIGN REFERENCES/SOFTWARE                                             |
|-----------------------------|------------------------------------------------------------------------|
| INTERNAL/EXTERNAL STABILITY | VERTI-BLOCK RETAINING WALLS, 2019<br>VERTICRETE WALL DESIGNER SOFTWARE |

GLOBAL STABILITY SLIDE 2: ROCSCIENCE, INC.

3. WALLS

A. WALL GEOMETRY AND LOADING CONDITIONS:

| WALL | LENGTH (FT) | MAX. HEIGHT (FT) | BACKSLOPE CONDITIONS | SURCHARGE LOADING       |
|------|-------------|------------------|----------------------|-------------------------|
| 1    | 882         | 20               | VARIES               | NONE                    |
| 2    | 489         | 20               | VARIES               | 2,700 PSF WALL 1        |
| 3    | 182         | 7                | VARIES               | 1,890 PSF CONDO         |
| 4    | 93          | 11               | VARIES               | 1,890 PSF CONDO         |
| 5    | 74          | 7                | VARIES               | 3,375 PSF WALL 4 & COND |
| 6    | 271         | 11               | VARIES               | 4,320 PSF WALL 6 & COND |
| 7    | 69          | 14               | VARIES               | 1,890 PSF CONDO         |
| 8    | 79          | 7                | VARIES               | 1,890 PSF CONDO         |
| 9    | 417         | 18               | VARIES               | 4,320 PSF WALL 9 & COND |
| 10   | 45          | 13               | VARIES               | 3,645 PSF WALL 9 & COND |
| 11   | 103         | 25               | VARIES               | 1,890 PSF CONDO         |

4. SOILS:

A. SOIL CONDITIONS USED IN DESIGN:

| EARTH MATERIALS | FRICTION ANGLE | COHESION | UNIT WEIGHT |
|-----------------|----------------|----------|-------------|
| REINFORCED SOIL | 38°            | 0 psf    | 135 pcf     |

|                                     |     |           |         |
|-------------------------------------|-----|-----------|---------|
| WEATHERED ROCK,<br>SHALE, ARGILLITE | 25° | 3,000 psf | 155 pcf |
|-------------------------------------|-----|-----------|---------|

B. COHESION USED ONLY DURING GLOBAL STABILITY ANALYSES

5. SEISMIC:

A. SEISMIC PARAMETERS USED IN DESIGN:

| SEISMIC CRITERIA     | INTERNAL, EXTERNAL & GLOBAL STABILITY |
|----------------------|---------------------------------------|
|                      | PGA <sub>M</sub> K <sub>n</sub>       |
| ASCE 7-16 (IBC 2018) | 0.448g 0.449g (INTERNAL)              |
|                      | 0.187g (EXTERNAL)                     |
|                      | 0.224g (GLOBAL)                       |

6. CONSTRUCTION MATERIALS:

- A. VERTI-BLOCK
- B. MIRAFI 5XT AND 8XT GEOGRID
- C. FILL MATERIAL
- D. CLEAN CRUSHED STONE/GRAVEL
- E. 4 INCH PERFORATED PVC PIPE
- F. NON-WOVEN GEOTEXTILE FILTER

7. CONSTRUCTION SPECIFICATIONS

- A. FOR VERTI-BLOCK CONSTRUCTION, REFERENCE THE VERTI-BLOCK RETAINING WALL DESIGN MANUAL.

Project Number: AZ 2025

Engineered By: Alan E. Money

DRAWING TITLE: DESIGN CRITERIA

SHEET NUMBER:  
4

PROJECT NAME: SUNDOWN CONDOS PHASE 3  
6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT

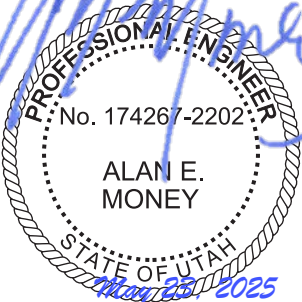
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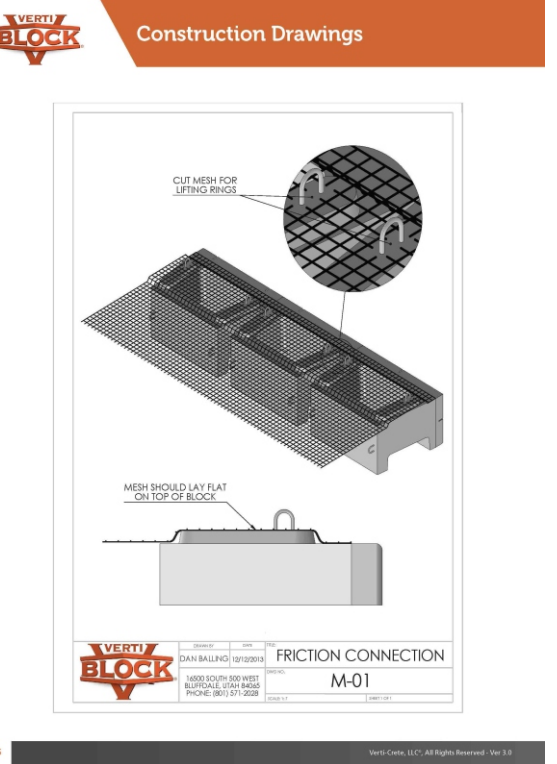
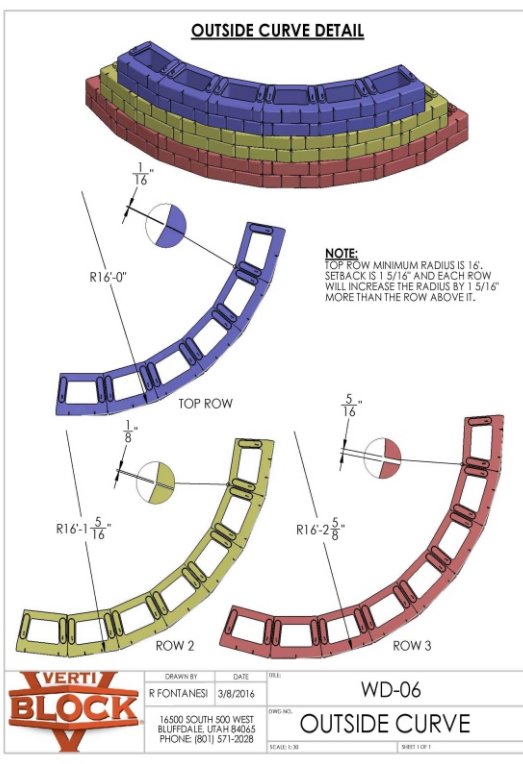
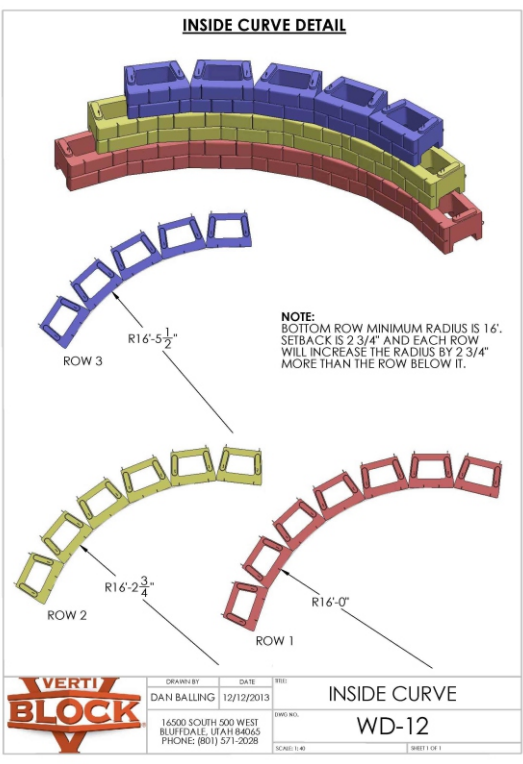
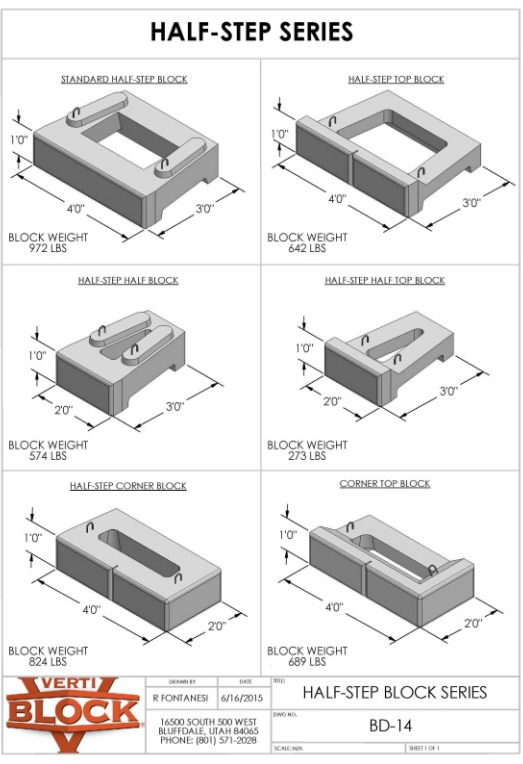
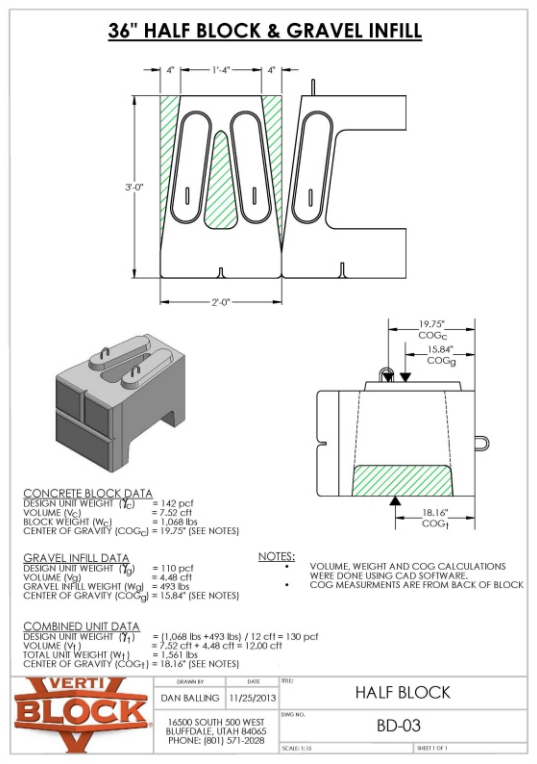
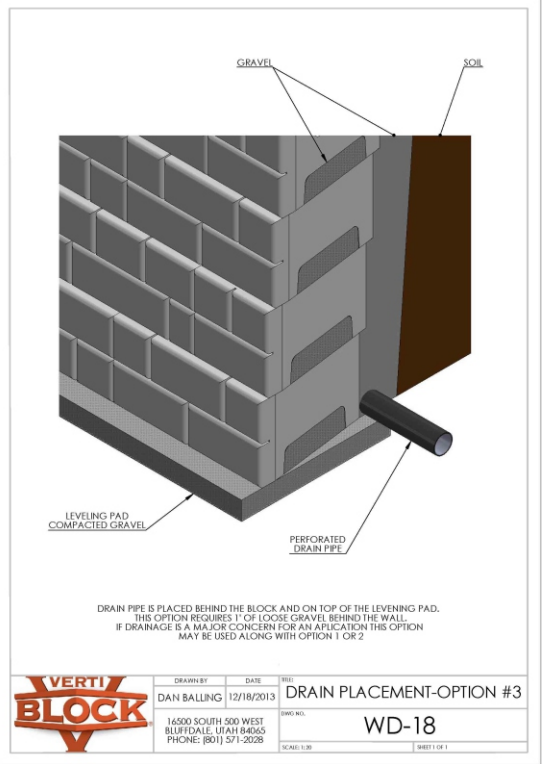
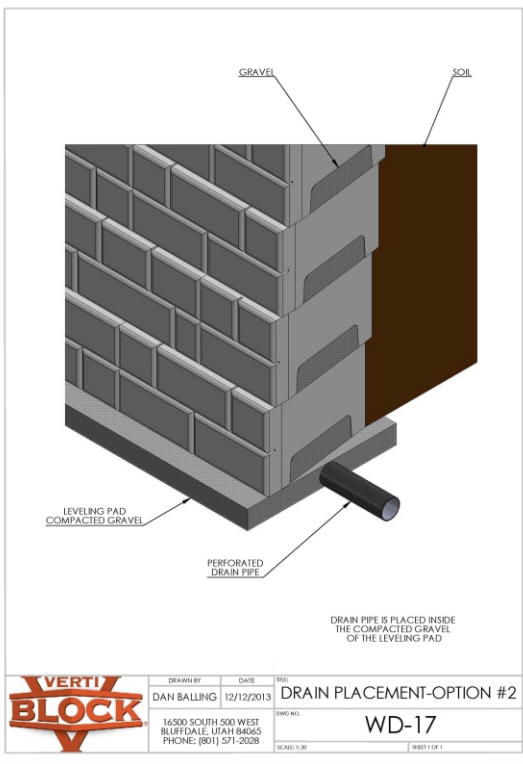
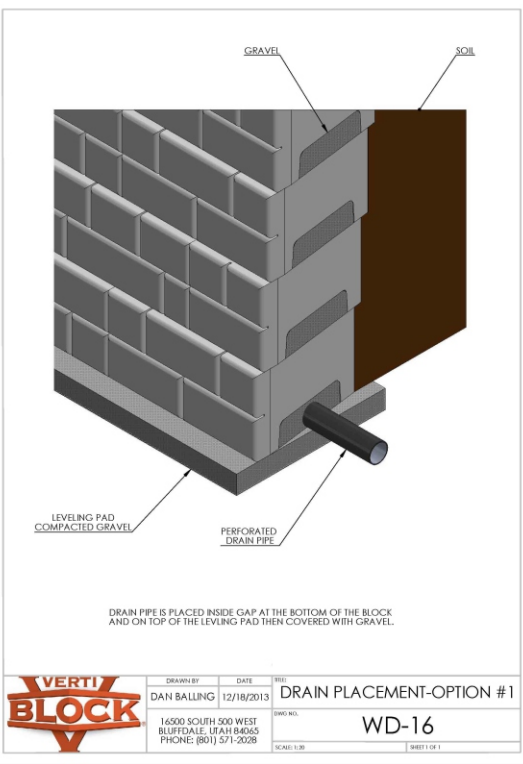
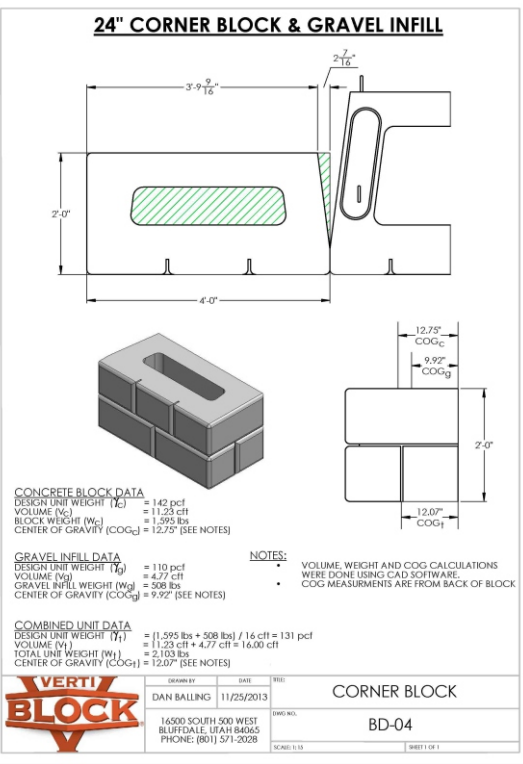
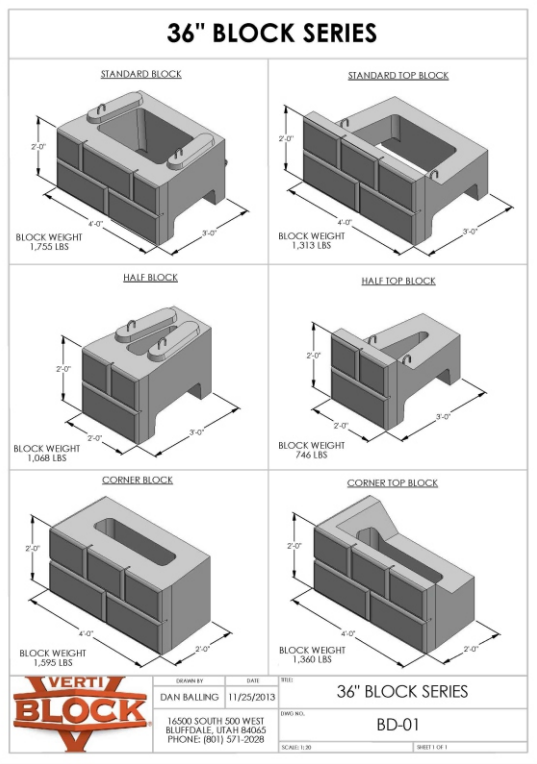


# Appendix A

(Materials and Specs)







Construction Drawings Shown Used From  
[verti-block.com/design-resources/](http://verti-block.com/design-resources/)

Project Number: AZ 2025

Engineered By: Alan E. Money

DRAWING TITLE: VERTI-BLOCK RETAINING WALLS  
CONSTRUCTION DRAWINGS

PROJECT NAME: SUNDOWN CONDOS PHASE 3  
6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT

SHEET NUMBER:  
5

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Revision: N/A

**PROFESSIONAL ENGINEER**  
No. 174267-2202  
**ALAN E. MONEY**  
STATE OF UTAH  
May 23, 2025

VERTI-BLOCK RETAINING WALL ESTIMATED QUANTITIES

| MATERIAL                                  | WALL 1       | WALL 2       | WALL 3     | WALL 4     | WALL 5     | WALL 6       | WALL 7     | WALL 8    | WALL 9       | WALL 10    | WALL 11      | TOTAL         | 10%<br>CONTINGENCY |
|-------------------------------------------|--------------|--------------|------------|------------|------------|--------------|------------|-----------|--------------|------------|--------------|---------------|--------------------|
| TOTAL VERTI-BLOCK WALL AREA               | 9,940.99 ft² | 5,942.40 ft² | 646.25 ft² | 434.04 ft² | 197.47 ft² | 1,381.35 ft² | 547.02 ft² | 89.30 ft² | 4,792.25 ft² | 495.85 ft² | 1,366.31 ft² | 25,833.23 ft² | 28,416.55 ft²      |
| TOP VERTI-BLOCK UNITS                     | 113          | 62           | 11         | 10         | 8          | 39           | 7          | 10        | 42           | 4          | 21           | 327           | 360                |
| 36-INCH VERTI-BLOCK UNITS                 | 1,495        | 887          | 87         | 44         | 23         | 179          | 69         | 22        | 608          | 62         | 225          | 3701          | 4072               |
| LEFT CORNER TOP VERTI-BLOCK UNITS         | 44           | 30           | 1          | 7          | 7          | 6            | 7          | 8         | 13           | 7          | 3            | 133           | 147                |
| RIGHT CORNER TOP VERTI-BLOCK UNITS        | 0            | 1            | 5          | 1          | 1          | 5            | 1          | 4         | 12           | 1          | 1            | 32            | 36                 |
| 1-FOOT STEP TOP VERTI-BLOCK UNITS         | 45           | 13           | 25         | 2          | 1          | 15           | 0          | 0         | 27           | 0          | 0            | 128           | 141                |
| 1-FOOT LEFT CORNER TOP VERTI-BLOCK UNITS  | 39           | 30           | 1          | 6          | 5          | 5            | 4          | 3         | 12           | 2          | 2            | 109           | 120                |
| 1-FOOT RIGHT CORNER TOP VERTI-BLOCK UNITS | 1            | 0            | 6          | 1          | 0          | 4            | 0          | 0         | 9            | 0          | 0            | 21            | 24                 |
| MIRAFI 5XT GEOGRID                        | 9,415 yd²    | 6,961 yd²    | 0 yd²      | 0 yd²      | 0 yd²      | 800 yd²      | 0 yd²      | 0 yd²     | 695 yd²      | 461 yd²    | 2,056 yd²    | 20,388 yd²    | 22,427 yd²         |
| MIRAFI 8XT GEOGRID                        | 0 yd²        | 0 yd²        | 0 yd²      | 182 yd²    | 0 yd²      | 259 yd²      | 327 yd²    | 0 yd²     | 3,343 yd²    | 0 yd²      | 0 yd²        | 4,111 yd²     | 4,523 yd²          |
| GRANULAR FILL FOR REINFORCED ZONE         | 10,800 yd³   | 7,200 yd³    | 100 yd³    | 460 yd³    | 40 yd³     | 1,600 yd³    | 430 yd³    | 41 yd³    | 5,900 yd³    | 470 yd³    | 2,100 yd³    | 29,141 yd³    | 32,056 yd³         |
| DRAINAGE AND INFILL GRAVEL                | 732 yd³      | 432 yd³      | 52 yd³     | 29 yd³     | 19 yd³     | 104 yd³      | 38 yd³     | 20 yd³    | 302 yd³      | 33 yd³     | 109 yd³      | 1,870 yd³     | 2,057 yd³          |
| LEVELING PAD CRUSHED STONE                | 66 yd³       | 37 yd³       | 14 yd³     | 7 yd³      | 6 yd³      | 20 yd³       | 5 yd³      | 6 yd³     | 31 yd³       | 4 yd³      | 8 yd³        | 204 yd³       | 225 yd³            |
| 4-INCH PERFORATED DRAINAGE PIPE           | 882 ft       | 482 ft       | 182 ft     | 93 ft      | 74 ft      | 271 ft       | 61 ft      | 79 ft     | 417 ft       | 44 ft      | 103 ft       | 2,688 ft      | 2,957 ft           |
| 6-OZ NON-WOVEN GEOTEXTILE FABRIC          | 392 yd²      | 217 yd²      | 81 yd²     | 42 yd²     | 33 yd²     | 121 yd²      | 28 yd²     | 36 yd²    | 186 yd²      | 20 yd²     | 46 yd²       | 1,202 yd²     | 1,323 yd²          |

Project Number: AZ 2025

Engineered By: Alan E. Money

DRAWING TITLE: QUANTITY ESTIMATES

SHEET NUMBER:  
6

PROJECT NAME: SUNDOWN CONDOS PHASE 3  
6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT

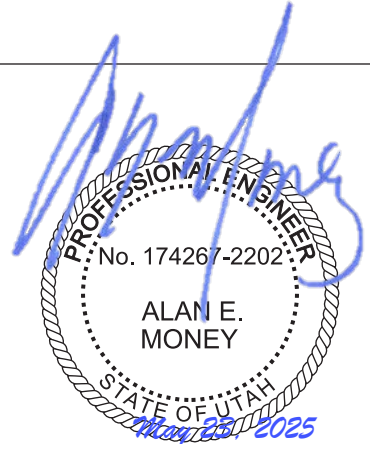
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www.ammtec.com

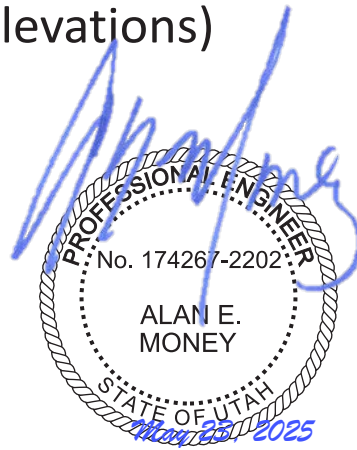
Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A





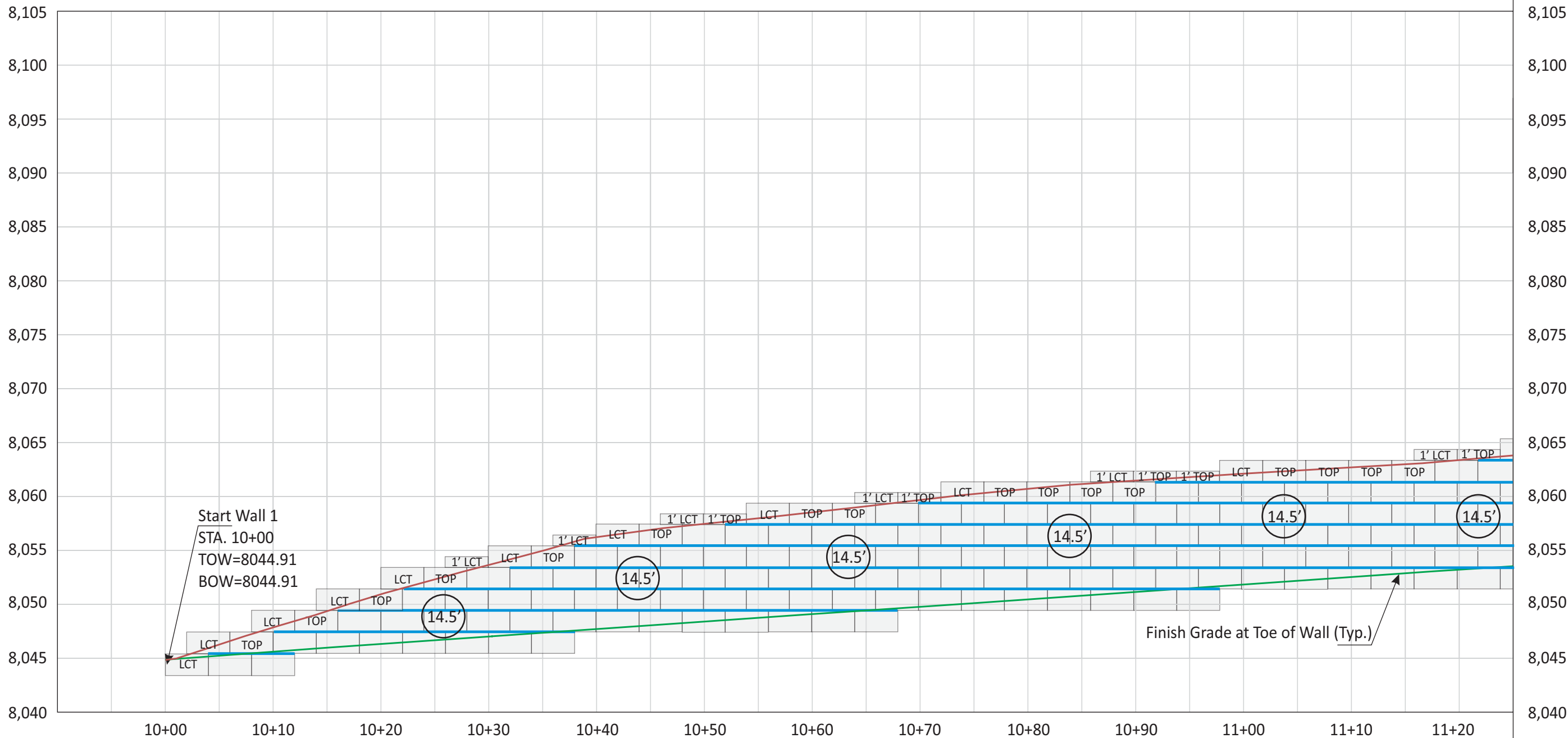
# Appendix B

(Verti-Block Wall Elevations)



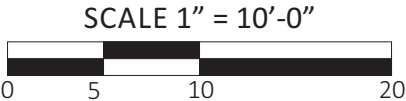
Wall 1 Elevation View

ELEVATION (FEET)

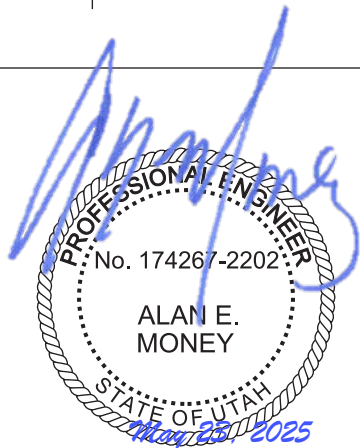


MATCHLINE STA. 11+25 (See Sheet S2)

|         |                             |                  |                                    |        |                               |                               |
|---------|-----------------------------|------------------|------------------------------------|--------|-------------------------------|-------------------------------|
| LCT/RCT | LEFT/RIGHT CORNER TOP BLOCK | 1' LCT<br>1' RCT | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | 1' TOP | 1-FOOT TALL 36-INCH TOP BLOCK | MIRAFI 8XT GEOGRID            |
| TOP     | 36-INCH TOP BLOCK           |                  | 36-INCH BLOCK                      | X.X'   | GEOGRID LENGTH (MINIMUM)      | MIRAFI 5XT GEOGRID            |
|         |                             |                  |                                    |        |                               | CHANGE IN GEOGRID LENGTH/TYPE |



|                              |                                                                                   |                 |                                                                                                                                                                                                                          |
|------------------------------|-----------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 1 ELEVATION VIEW-             | SHEET NUMBER: 7 | <b>AMMTec CONSULTANTS, PLLC</b><br>CONSULTING ENGINEERING SERVICES<br>2447 West 12th Street, Ste #1<br>Tempe, Arizona 85281<br>E-Mail: ammttec@ammtec.com<br>Phone: 480 927-9696<br>Fax: 480 927-9797<br>www.ammttec.com |
| Engineered By: Alan E. Money | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                 |                                                                                                                                                                                                                          |
| Scale: 1"=10'-0"             |                                                                                   |                 |                                                                                                                                                                                                                          |
|                              |                                                                                   |                 | Prepared By: JAM/BMH<br>Reviewed By: AEM<br>Date: 05/14/25<br>Revision: N/A                                                                                                                                              |

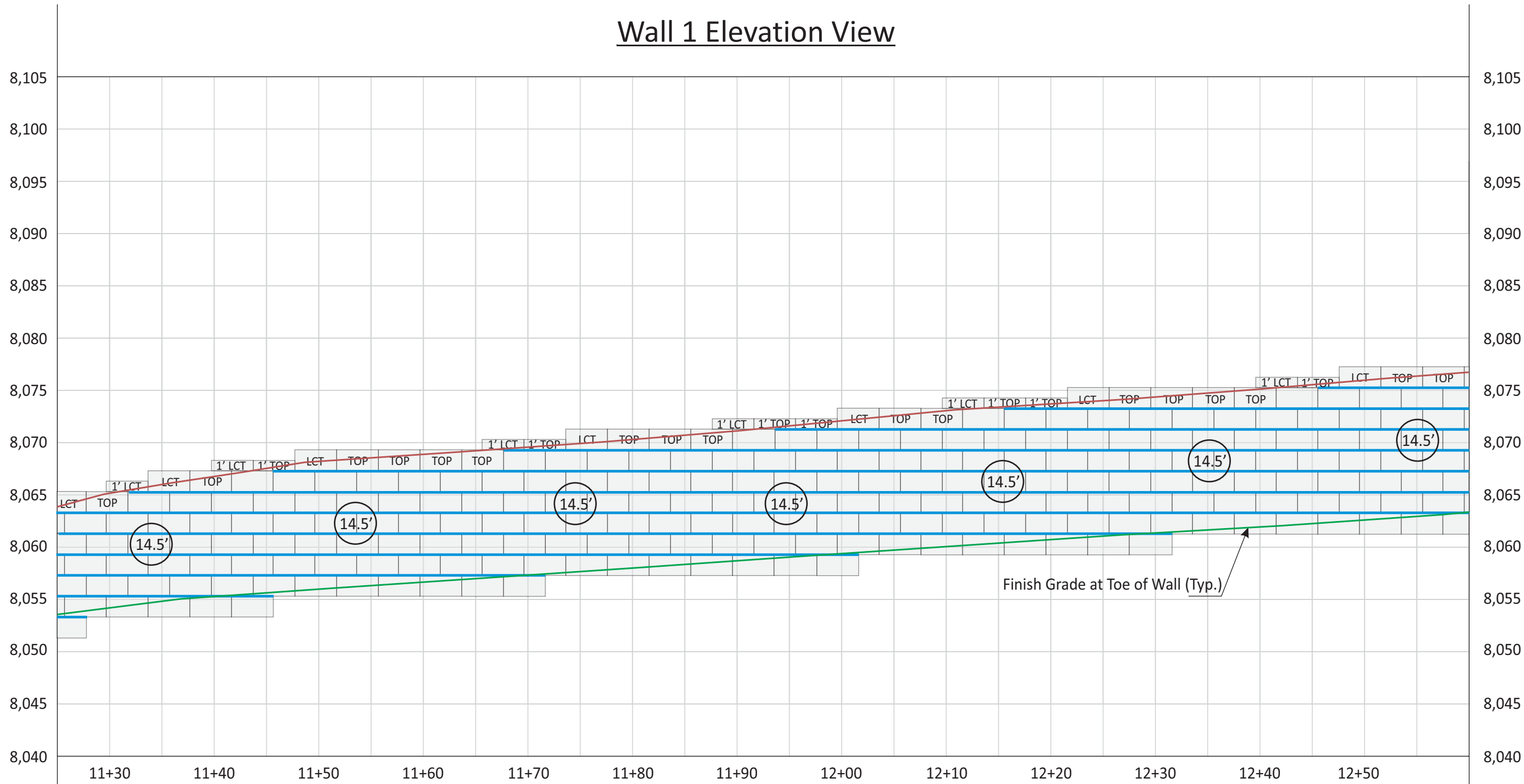




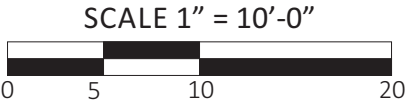
Wall 1 Elevation View

MATCHLINE STA. 11+25 (See Sheet S1)

MATCHLINE STA. 12+60 (See Sheet S3)



|                             |                                    |                               |                    |
|-----------------------------|------------------------------------|-------------------------------|--------------------|
| LEFT/RIGHT CORNER TOP BLOCK | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | 1-FOOT TALL 36-INCH TOP BLOCK | MIRAFI 8XT GEOGRID |
| 36-INCH TOP BLOCK           | 36-INCH BLOCK                      | GEOGRID LENGTH (MINIMUM)      | MIRAFI 5XT GEOGRID |
|                             |                                    | CHANGE IN GEOGRID LENGTH/TYPE |                    |

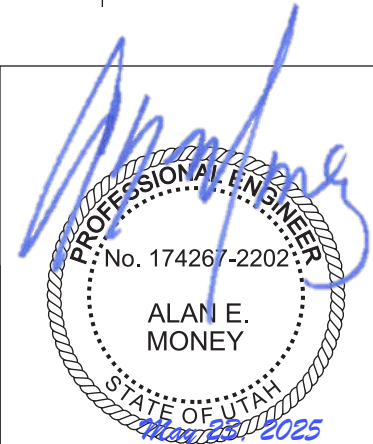


|                              |                                                                                   |                 |
|------------------------------|-----------------------------------------------------------------------------------|-----------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 1 ELEVATION VIEW-             | SHEET NUMBER: 8 |
| Engineered By: Alan E. Money |                                                                                   |                 |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                 |

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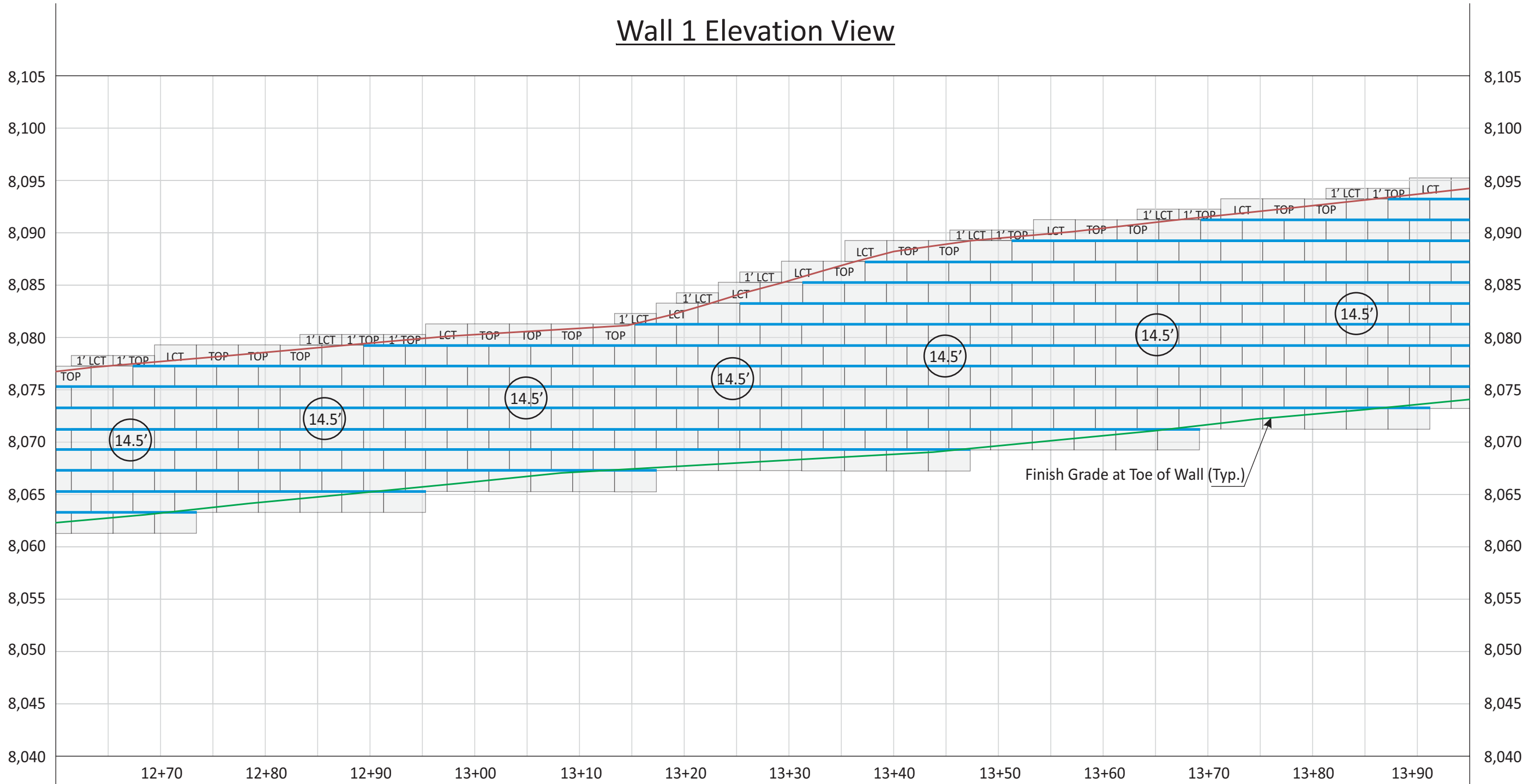
Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A



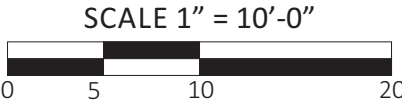
Wall 1 Elevation View

MATCHLINE STA. 12+60 (See Sheet S2)

MATCHLINE STA. 13+95 (See Sheet S4)



|         |                             |                  |                                    |        |                               |                    |
|---------|-----------------------------|------------------|------------------------------------|--------|-------------------------------|--------------------|
| LCT/RCT | LEFT/RIGHT CORNER TOP BLOCK | 1' LCT<br>1' RCT | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | 1' TOP | 1-FOOT TALL 36-INCH TOP BLOCK | MIRAFI 8XT GEOGRID |
| TOP     | 36-INCH TOP BLOCK           |                  | 36-INCH BLOCK                      | X.X'   | GEOGRID LENGTH (MINIMUM)      | MIRAFI 5XT GEOGRID |
|         |                             |                  |                                    |        | CHANGE IN GEOGRID LENGTH/TYPE |                    |

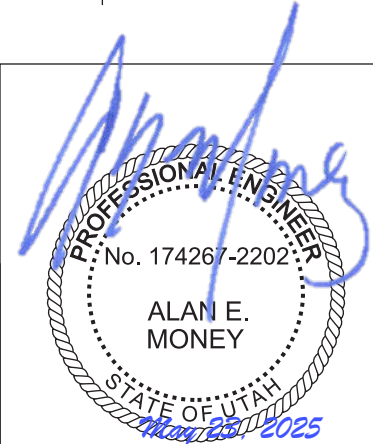


|                              |                                                                                   |                    |
|------------------------------|-----------------------------------------------------------------------------------|--------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 1 ELEVATION VIEW-             | SHEET NUMBER:<br>9 |
| Engineered By: Alan E. Money |                                                                                   |                    |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                    |

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Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A

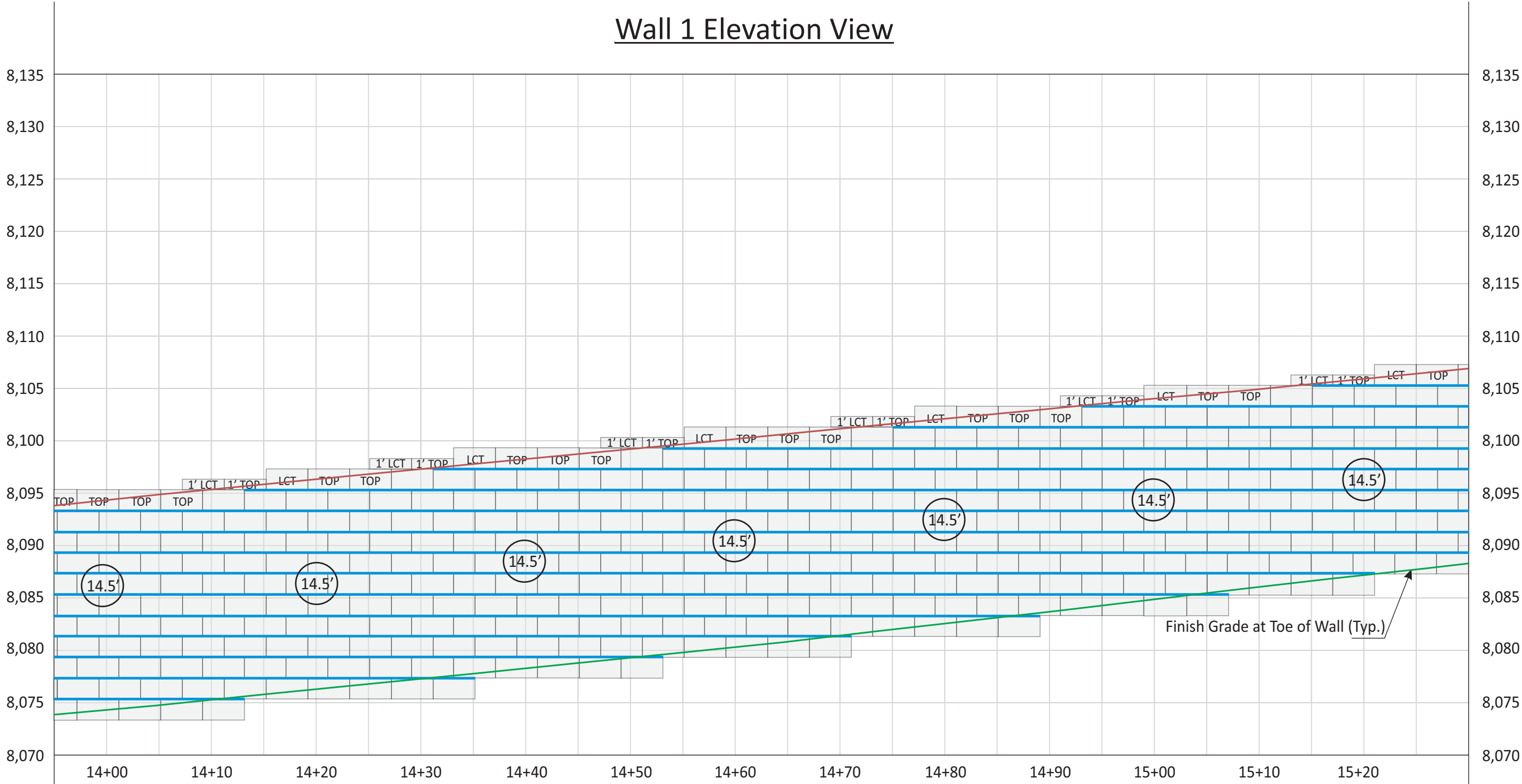


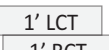
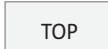
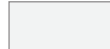


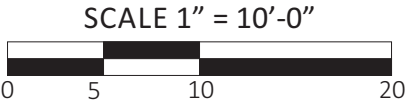
Wall 1 Elevation View

MATCHLINE STA. 13+95 (See Sheet S3)

MATCHLINE STA. 15+30 (See Sheet S5)



|                                                                                                                |                                                                                                                        |                                                                                                                   |                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|  LEFT/RIGHT CORNER TOP BLOCK |  1-FOOT LEFT/RIGHT CORNER TOP BLOCK |  1-FOOT TALL 36-INCH TOP BLOCK |  MIRAFI 8XT GEOGRID             |
|  36-INCH TOP BLOCK           |  36-INCH BLOCK                      |  GEOGRID LENGTH (MINIMUM)      |  MIRAFI 5XT GEOGRID             |
|                                                                                                                |                                                                                                                        |                                                                                                                   |  CHANGE IN GEOGRID LENGTH/TYPE |

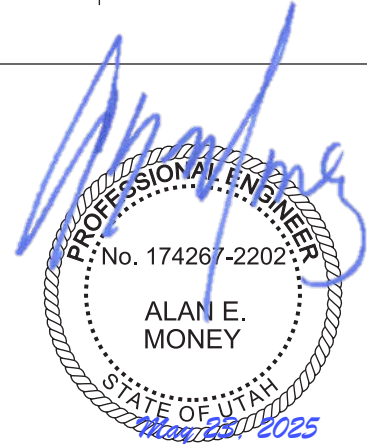


|                              |                                                                                   |                  |
|------------------------------|-----------------------------------------------------------------------------------|------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 1 ELEVATION VIEW-             | SHEET NUMBER: 10 |
| Engineered By: Alan E. Money |                                                                                   |                  |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |

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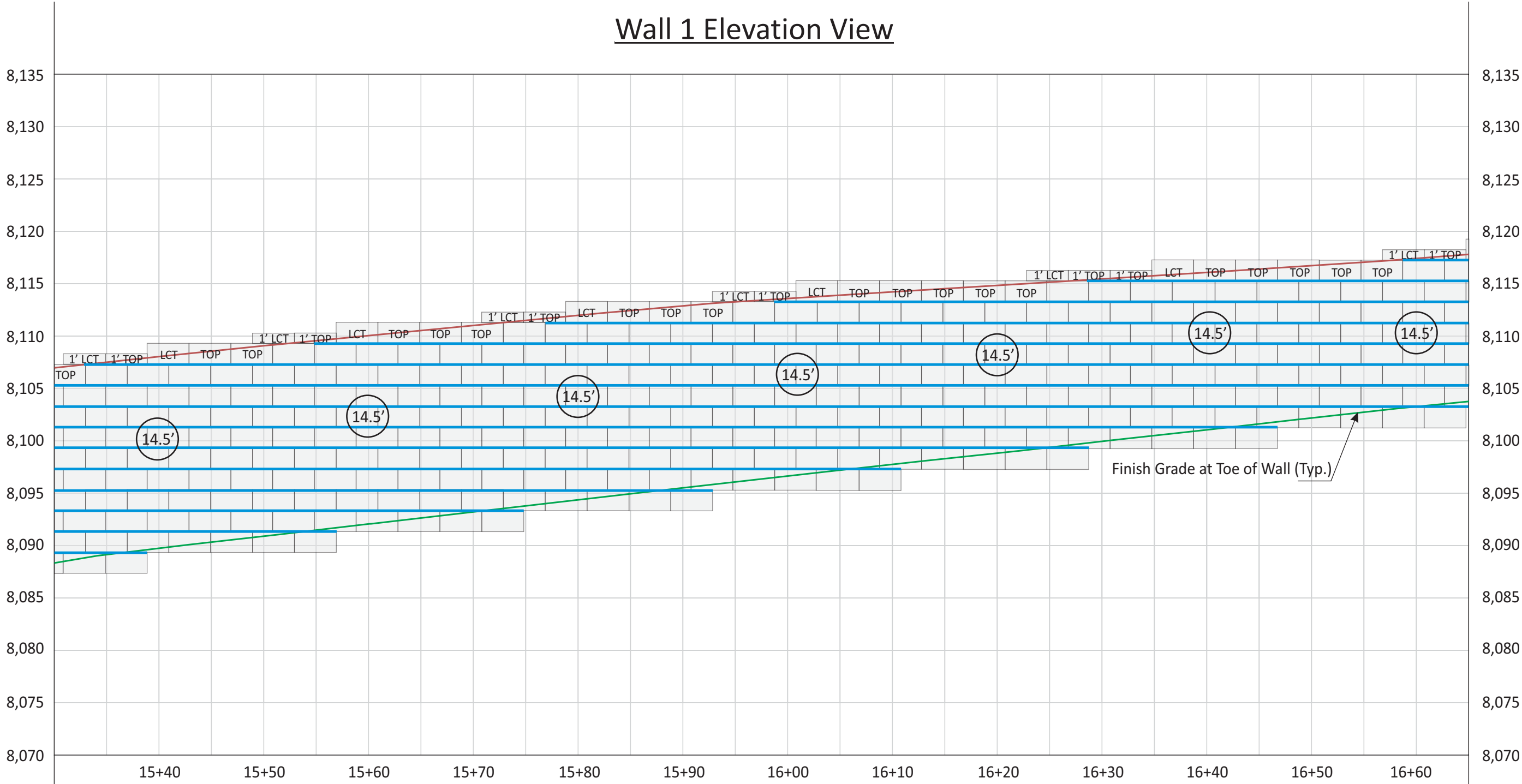
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Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A



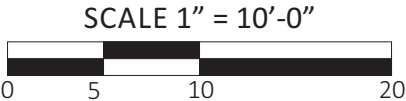
Wall 1 Elevation View

MATCHLINE STA. 15+30 (See Sheet S4)

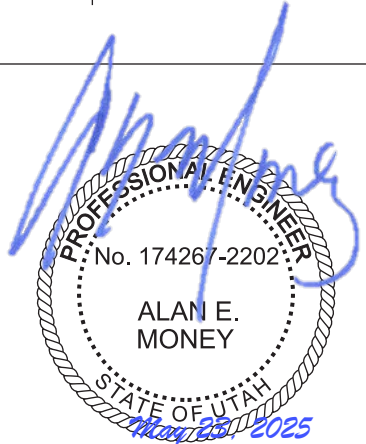
MATCHLINE STA. 16+65 (See Sheet S6)



|                    |                             |                              |                                    |                   |                               |             |                               |
|--------------------|-----------------------------|------------------------------|------------------------------------|-------------------|-------------------------------|-------------|-------------------------------|
| <div>LCT/RCT</div> | LEFT/RIGHT CORNER TOP BLOCK | <div>1' LCT<br/>1' RCT</div> | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | <div>1' TOP</div> | 1-FOOT TALL 36-INCH TOP BLOCK | <div></div> | MIRAFI 8XT GEOGRID            |
| <div>TOP</div>     | 36-INCH TOP BLOCK           | <div></div>                  | 36-INCH BLOCK                      | <div>X.X'</div>   | GEOGRID LENGTH (MINIMUM)      | <div></div> | MIRAFI 5XT GEOGRID            |
|                    |                             |                              |                                    |                   |                               | <div></div> | CHANGE IN GEOGRID LENGTH/TYPE |



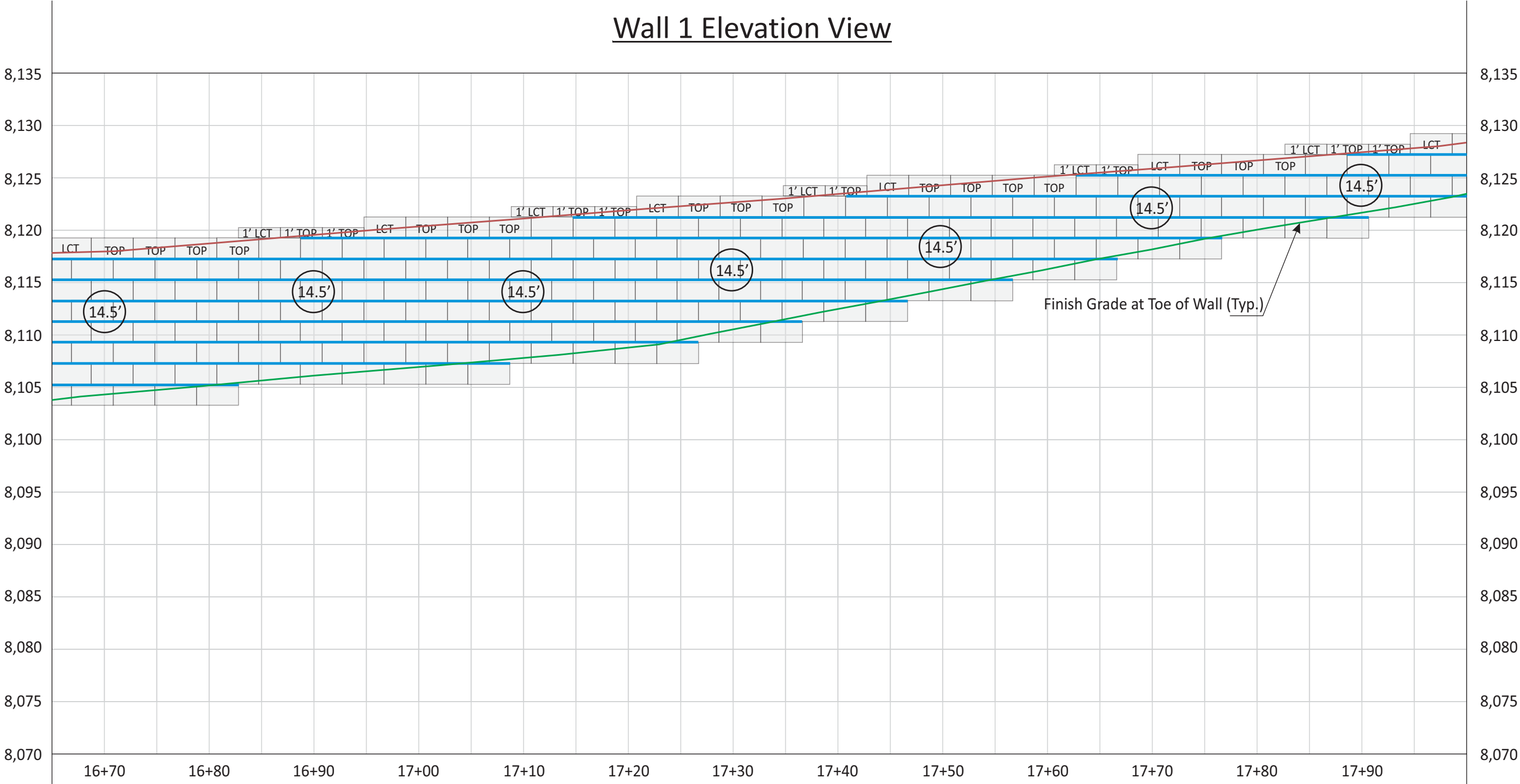
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|------------------------------|-----------------------------------------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 1 ELEVATION VIEW-             | SHEET NUMBER: 11 | <div>AMMTec CONSULTANTS, PLLC</div> <div>CONSULTING ENGINEERING SERVICES</div> <div>2447 West 12th Street, Ste #1<br/>Tempe, Arizona 85281<br/>E-Mail: ammttec@ammtec.com</div> <div>Phone: 480 927-9696<br/>Fax: 480 927-9797<br/>www.ammttec.com</div> |
| Engineered By: Alan E. Money |                                                                                   |                  |                                                                                                                                                                                                                                                          |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |                                                                                                                                                                                                                                                          |
|                              |                                                                                   |                  | Prepared By: JAM/BMH<br>Reviewed By: AEM<br>Date: 05/14/25<br>Revision: N/A                                                                                                                                                                              |



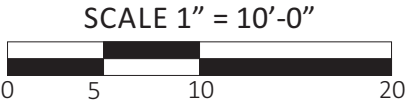
Wall 1 Elevation View

MATCHLINE STA. 16+65 (See Sheet S5)

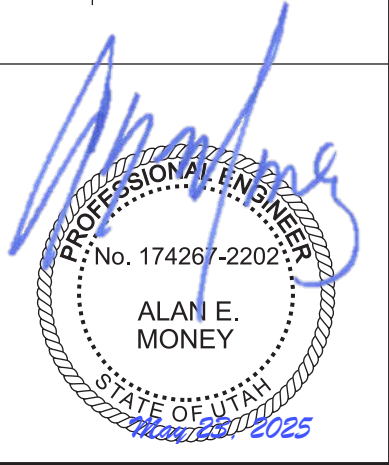
MATCHLINE STA. 18+00 (See Sheet S7)



|                             |                                    |                               |                               |
|-----------------------------|------------------------------------|-------------------------------|-------------------------------|
| LEFT/RIGHT CORNER TOP BLOCK | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | 1-FOOT TALL 36-INCH TOP BLOCK | MIRAFI 8XT GEOGRID            |
| 36-INCH TOP BLOCK           | 36-INCH BLOCK                      | GEOGRID LENGTH (MINIMUM)      | MIRAFI 5XT GEOGRID            |
|                             |                                    |                               | CHANGE IN GEOGRID LENGTH/TYPE |



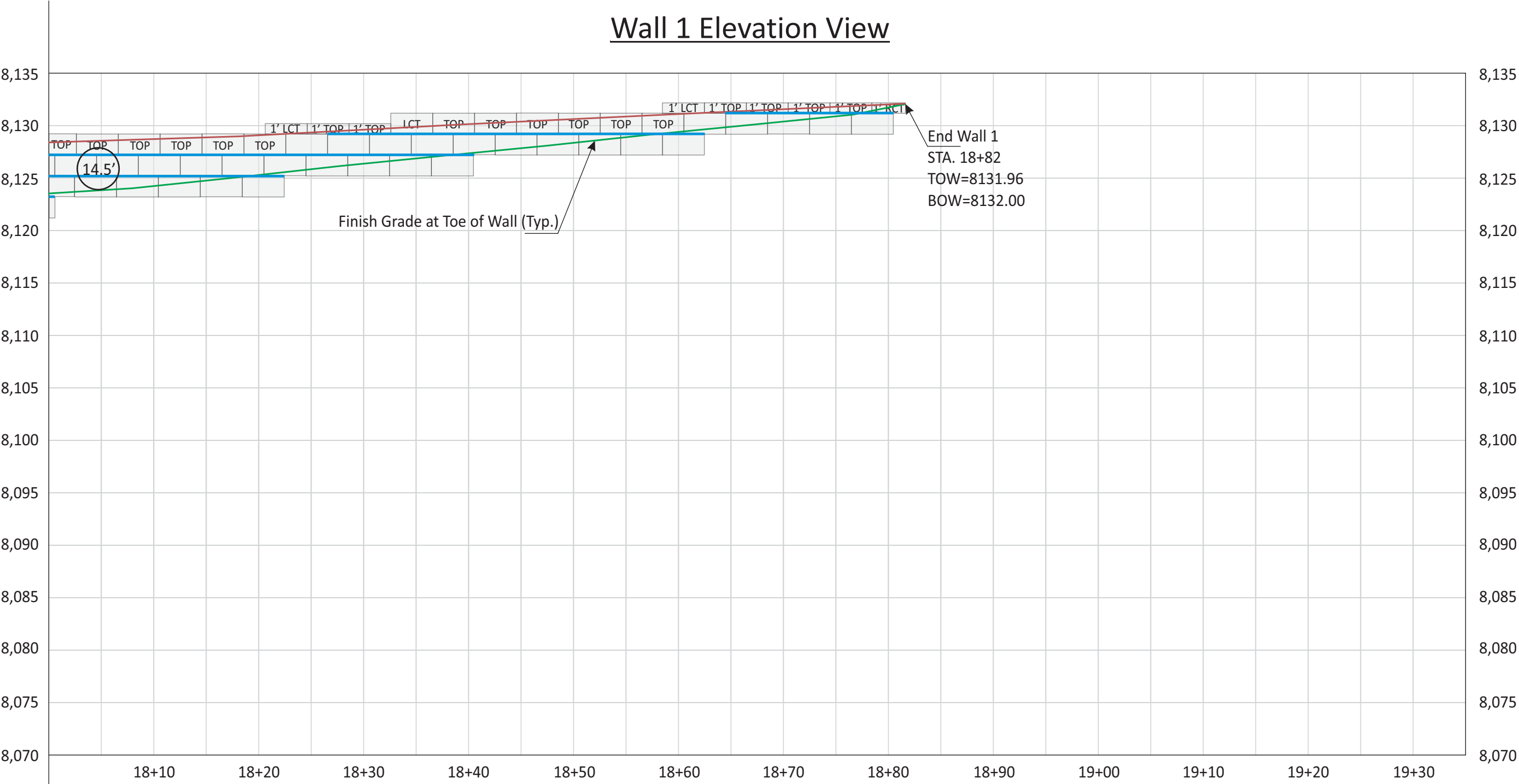
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|------------------------------|-----------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 2 ELEVATION VIEW- | SHEET NUMBER: 12 | <b>AMMTec CONSULTANTS, PLLC</b>                                                   |                                                                                     |                                                            |                                                                             |
| Engineered By: Alan E. Money |                                                                       |                  | <i>CONSULTING ENGINEERING SERVICES</i>                                            |                                                                                     |                                                            |                                                                             |
| Scale: 1"=10'-0"             |                                                                       |                  | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT | 2447 West 12th Street, Ste #1<br>Tempe, Arizona 85281<br>E-Mail: ammttec@ammtec.com | Phone: 480 927-9696<br>Fax: 480 927-9797<br>www.ammtec.com | Prepared By: JAM/BMH<br>Reviewed By: AEM<br>Date: 05/14/25<br>Revision: N/A |



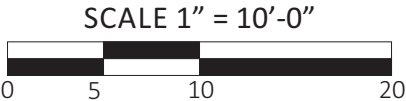


Wall 1 Elevation View

MATCHLINE STA. 18+00 (See Sheet S6)



|                    |                             |                              |                                    |                   |                               |             |                               |
|--------------------|-----------------------------|------------------------------|------------------------------------|-------------------|-------------------------------|-------------|-------------------------------|
| <div>LCT/RCT</div> | LEFT/RIGHT CORNER TOP BLOCK | <div>1' LCT<br/>1' RCT</div> | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | <div>1' TOP</div> | 1-FOOT TALL 36-INCH TOP BLOCK | <div></div> | MIRAFI 8XT GEOGRID            |
| <div>TOP</div>     | 36-INCH TOP BLOCK           | <div></div>                  | 36-INCH BLOCK                      | <div>X.X'</div>   | GEOGRID LENGTH (MINIMUM)      | <div></div> | MIRAFI 5XT GEOGRID            |
|                    |                             |                              |                                    |                   |                               | <div></div> | CHANGE IN GEOGRID LENGTH/TYPE |



|                              |                                                                                   |                  |
|------------------------------|-----------------------------------------------------------------------------------|------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 3 ELEVATION VIEW-             | SHEET NUMBER: 13 |
| Engineered By: Alan E. Money |                                                                                   |                  |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |

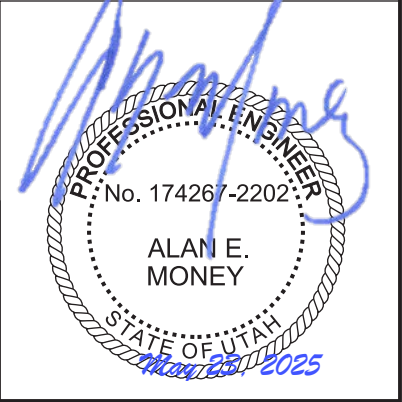
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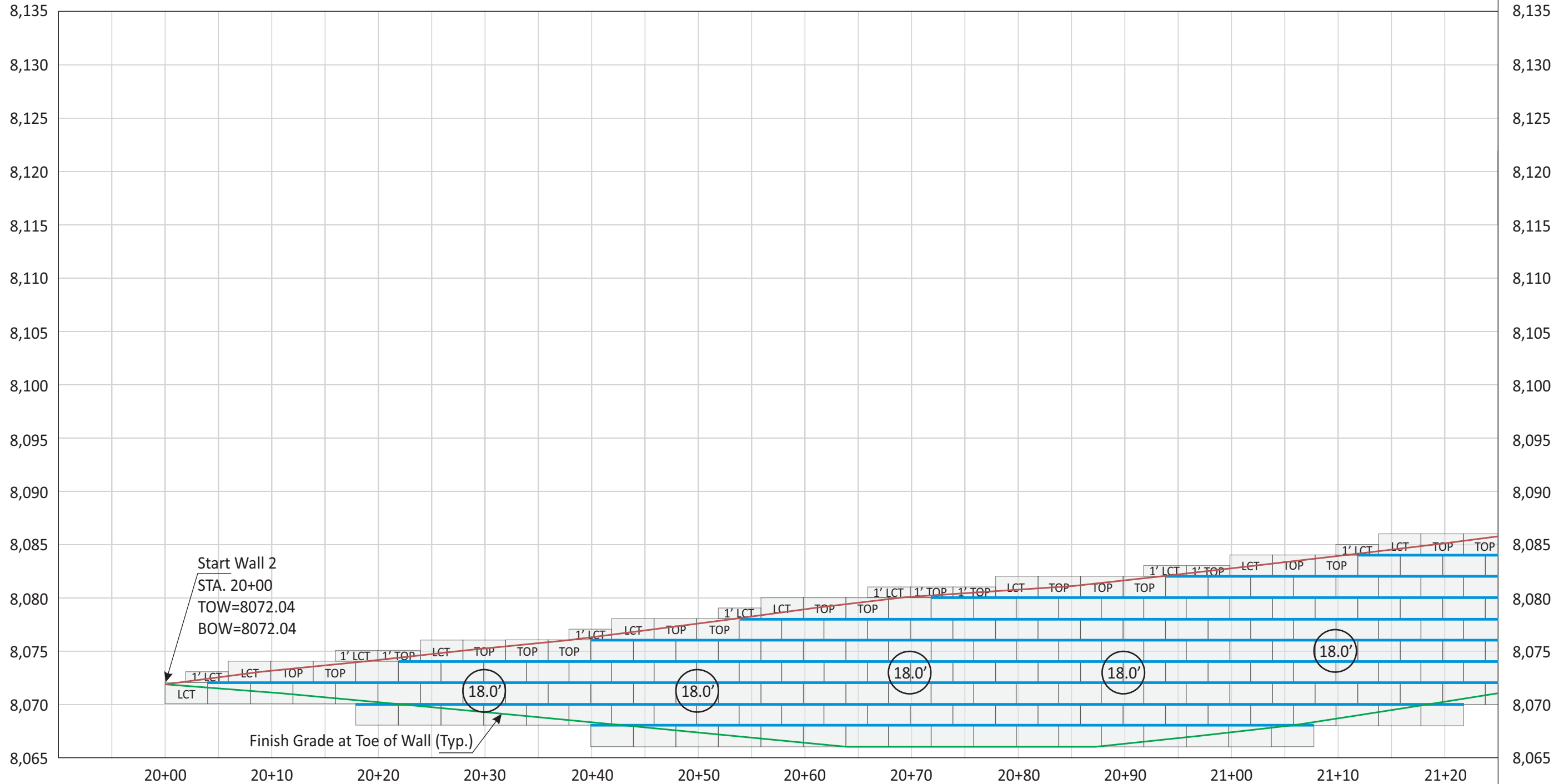
Phone: 480 927-9696  
Fax: 480 927-9797  
www.ammtec.com

Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A



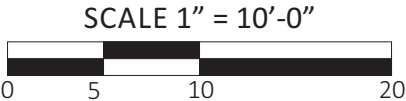
Wall 2 Elevation View

ELEVATION (FEET)



MATCHLINE STA. 21+25 (See Sheet S9)

|         |                             |                  |                                    |        |                               |                    |
|---------|-----------------------------|------------------|------------------------------------|--------|-------------------------------|--------------------|
| LCT/RCT | LEFT/RIGHT CORNER TOP BLOCK | 1' LCT<br>1' RCT | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | 1' TOP | 1-FOOT TALL 36-INCH TOP BLOCK | MIRAFI 8XT GEOGRID |
| TOP     | 36-INCH TOP BLOCK           |                  | 36-INCH BLOCK                      | X.X'   | GEOGRID LENGTH (MINIMUM)      | MIRAFI 5XT GEOGRID |
|         |                             |                  |                                    |        | CHANGE IN GEOGRID LENGTH/TYPE |                    |

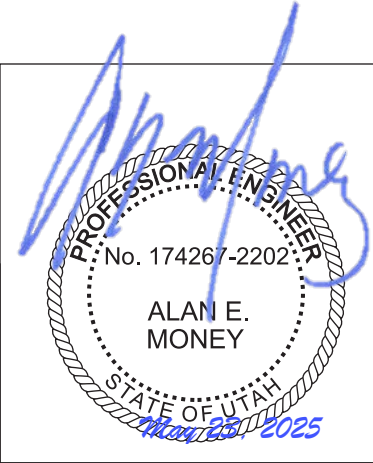


|                              |                                                                                   |                  |
|------------------------------|-----------------------------------------------------------------------------------|------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>–WALL 3 ELEVATION VIEW–             | SHEET NUMBER: 14 |
| Engineered By: Alan E. Money |                                                                                   |                  |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |

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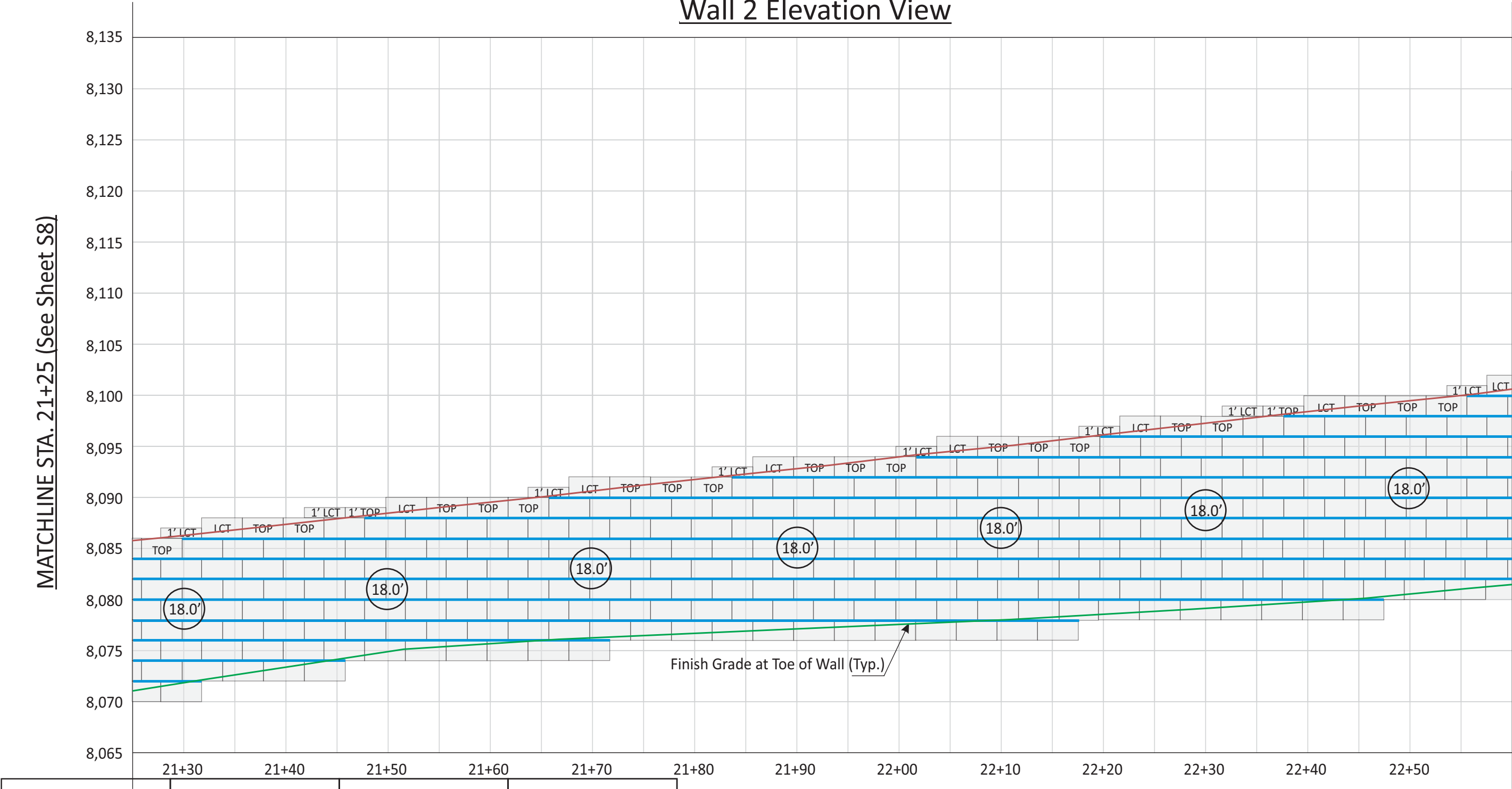
Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A



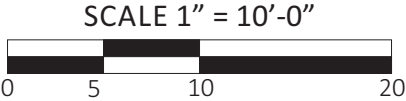
Wall 2 Elevation View

MATCHLINE STA. 21+25 (See Sheet S8)

MATCHLINE STA. 22+60 (See Sheet S10)



|         |                             |                  |                                    |        |                               |                    |
|---------|-----------------------------|------------------|------------------------------------|--------|-------------------------------|--------------------|
| LCT/RCT | LEFT/RIGHT CORNER TOP BLOCK | 1' LCT<br>1' RCT | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | 1' TOP | 1-FOOT TALL 36-INCH TOP BLOCK | MIRAFI 8XT GEOGRID |
| TOP     | 36-INCH TOP BLOCK           |                  | 36-INCH BLOCK                      | X.X'   | GEOGRID LENGTH (MINIMUM)      | MIRAFI 5XT GEOGRID |
|         |                             |                  |                                    |        | CHANGE IN GEOGRID LENGTH/TYPE |                    |



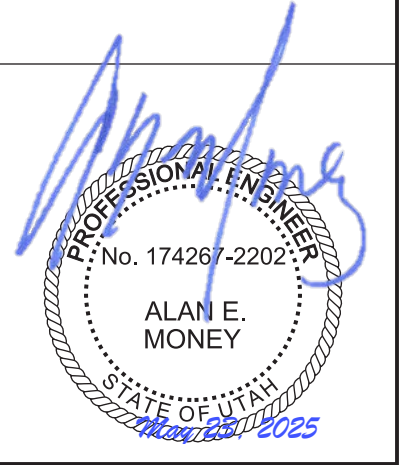
|                              |
|------------------------------|
| Project Number: AZ 2025      |
| Engineered By: Alan E. Money |
| Scale: 1"=10'-0"             |

|                |                                                                     |               |    |
|----------------|---------------------------------------------------------------------|---------------|----|
| DRAWING TITLE: | VERTI-BLOCK RETAINING WALLS<br>-WALL 3 ELEVATION VIEW-              | SHEET NUMBER: | 15 |
| PROJECT NAME:  | SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |               |    |

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Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A

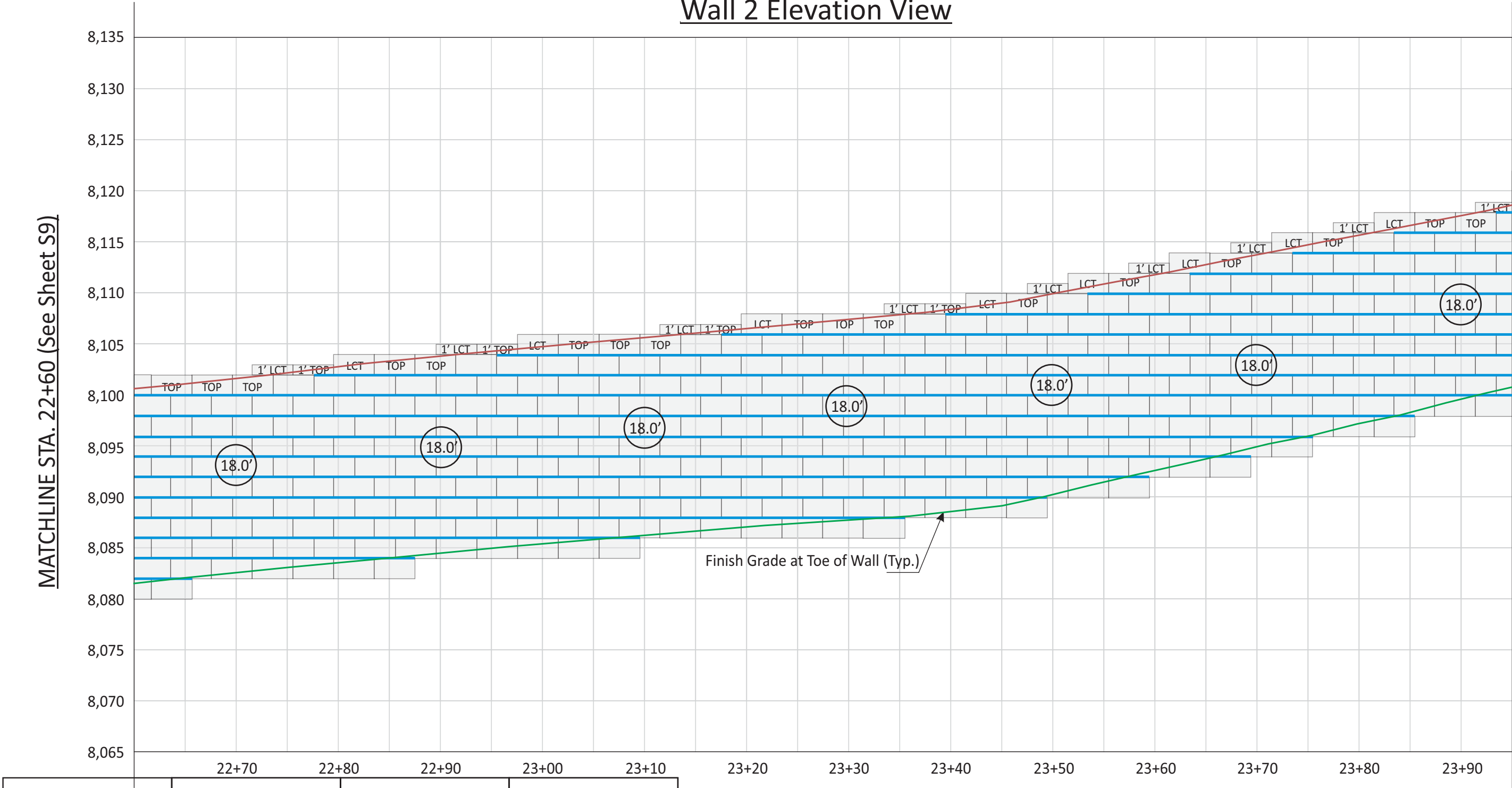


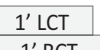
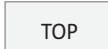
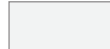


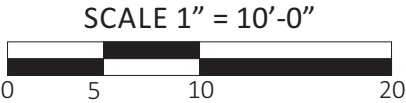
Wall 2 Elevation View

MATCHLINE STA. 22+60 (See Sheet S9)

MATCHLINE STA. 23+95 (See Sheet S11)



|                                                                                                                |                                                                                                                        |                                                                                                                     |                                                                                                          |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
|  LEFT/RIGHT CORNER TOP BLOCK |  1-FOOT LEFT/RIGHT CORNER TOP BLOCK |  1-FOOT TALL 36-INCH TOP BLOCK   |  MIRAFI 8XT GEOGRID |
|  36-INCH TOP BLOCK           |  36-INCH BLOCK                      |  GEOGRID LENGTH (MINIMUM)        |  MIRAFI 5XT GEOGRID |
|                                                                                                                |                                                                                                                        |  CHANGE IN GEOGRID LENGTH/TYPE |                                                                                                          |

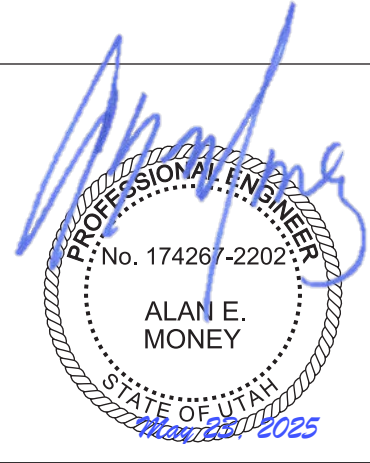


|                              |                                                                                   |                  |
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| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 4 ELEVATION VIEW-             | SHEET NUMBER: 16 |
| Engineered By: Alan E. Money |                                                                                   |                  |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |

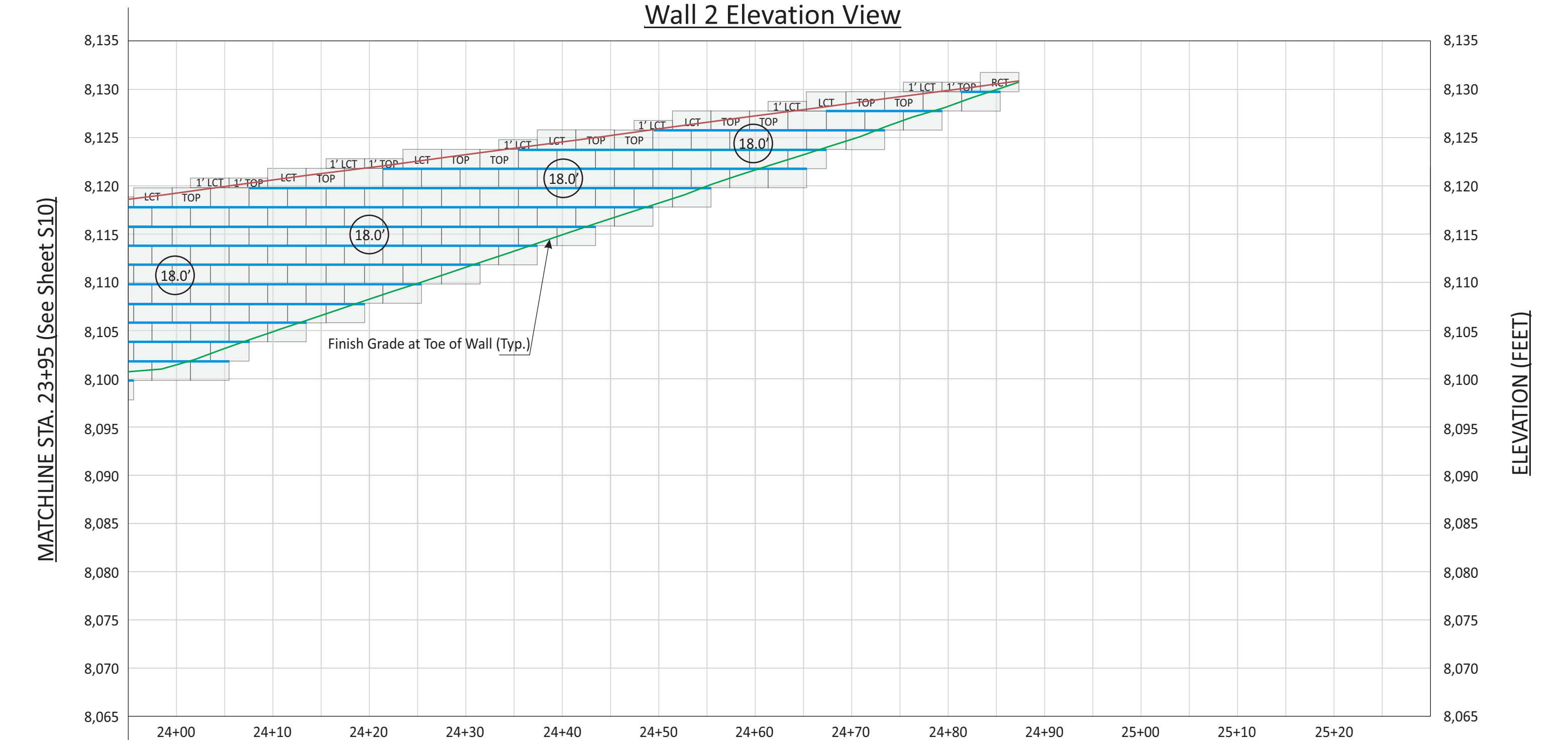
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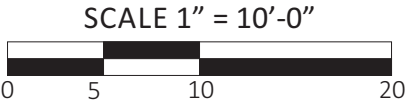
Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A



Wall 2 Elevation View



|                                                           |                                                                                             |                                                            |                                                      |
|-----------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------|
| <div>LCT/RCT</div> <div>LEFT/RIGHT CORNER TOP BLOCK</div> | <div><div>1' LCT</div><div>1' RCT</div></div> <div>1-FOOT LEFT/RIGHT CORNER TOP BLOCK</div> | <div>1' TOP</div> <div>1-FOOT TALL 36-INCH TOP BLOCK</div> | <div></div> <div>MIRAFI 8XT GEOGRID</div>            |
| <div>TOP</div> <div>36-INCH TOP BLOCK</div>               | <div></div> <div>36-INCH BLOCK</div>                                                        | <div>X.X'</div> <div>GEOGRID LENGTH (MINIMUM)</div>        | <div></div> <div>MIRAFI 5XT GEOGRID</div>            |
|                                                           |                                                                                             |                                                            | <div></div> <div>CHANGE IN GEOGRID LENGTH/TYPE</div> |



|                              |                                                                                   |                  |
|------------------------------|-----------------------------------------------------------------------------------|------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 4 ELEVATION VIEW-             | SHEET NUMBER: 17 |
| Engineered By: Alan E. Money |                                                                                   |                  |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |

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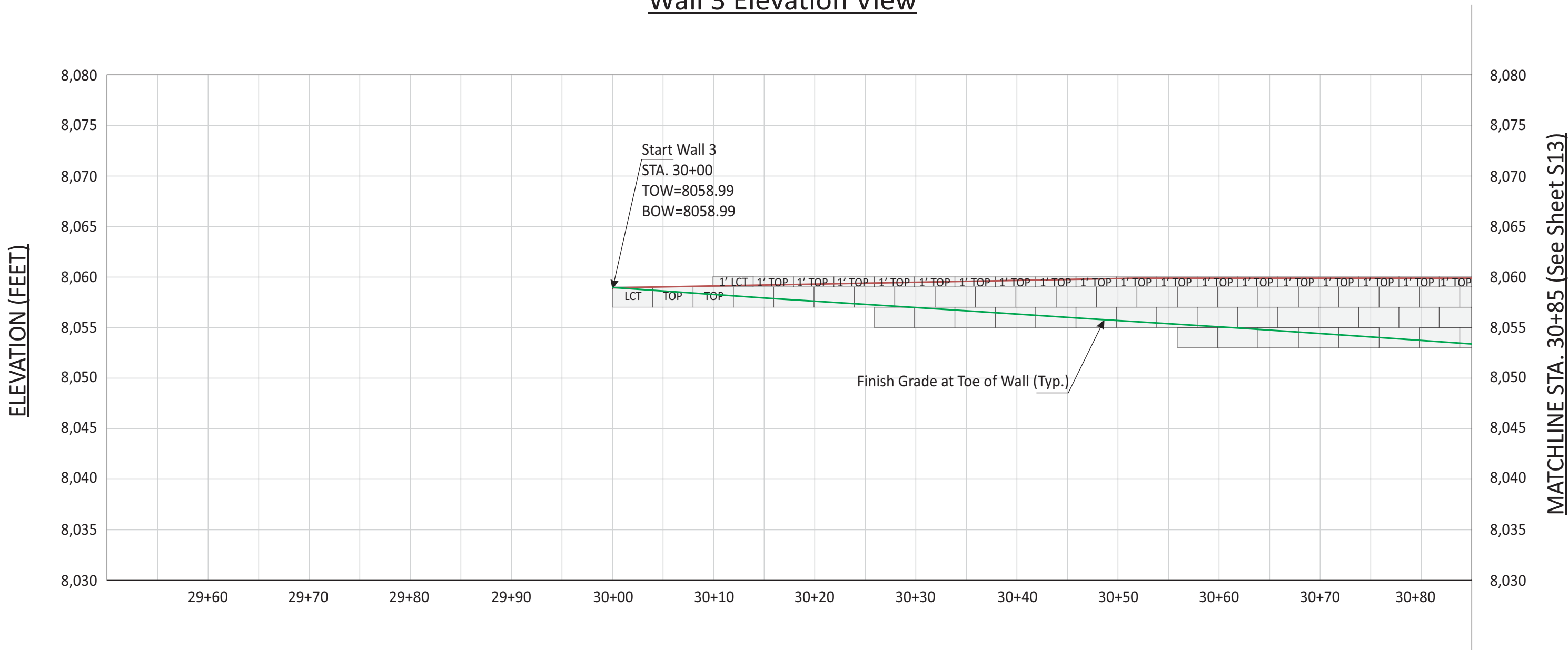
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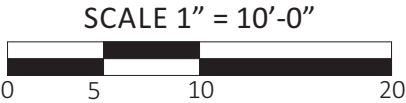
Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A

May 23 2025

Wall 3 Elevation View



|                    |                                   |                              |                                           |                   |                                     |                        |                       |                                                            |
|--------------------|-----------------------------------|------------------------------|-------------------------------------------|-------------------|-------------------------------------|------------------------|-----------------------|------------------------------------------------------------|
| <div>LCT/RCT</div> | LEFT/RIGHT<br>CORNER<br>TOP BLOCK | <div>1' LCT<br/>1' RCT</div> | 1-FOOT LEFT/<br>RIGHT CORNER<br>TOP BLOCK | <div>1' TOP</div> | 1-FOOT TALL<br>36-INCH<br>TOP BLOCK | <div><div></div></div> | MIRAFI 8XT<br>GEOGRID |                                                            |
| <div>TOP</div>     | 36-INCH<br>TOP BLOCK              | <div></div>                  | 36-INCH<br>BLOCK                          | <div>X.X'</div>   | GEOGRID<br>LENGTH<br>(MINIMUM)      | <div><div></div></div> | MIRAFI 5XT<br>GEOGRID | <div><div></div></div> CHANGE IN<br>GEOGRID<br>LENGTH/TYPE |



|                              |                                                                                   |                  |
|------------------------------|-----------------------------------------------------------------------------------|------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 5 ELEVATION VIEW-             | SHEET NUMBER: 18 |
| Engineered By: Alan E. Money |                                                                                   |                  |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |

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Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A

Professional Engineer

No. 174267-2202

ALAN E. MONEY

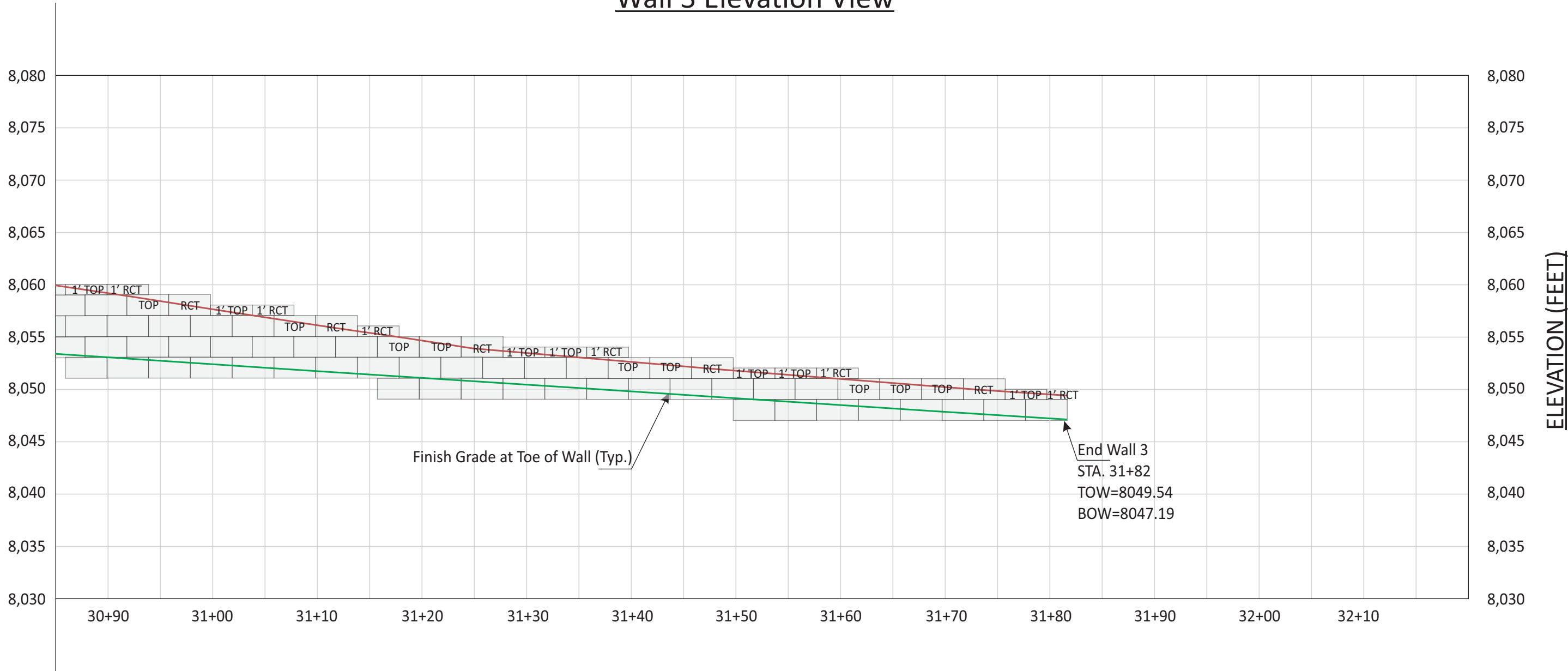
STATE OF UTAH

May 23, 2025

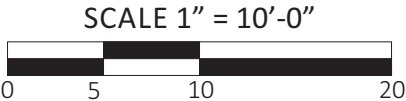


Wall 3 Elevation View

MATCHLINE STA. 30+85 (See Sheet S12)



|                    |                             |                                     |                                    |                   |                               |             |                               |
|--------------------|-----------------------------|-------------------------------------|------------------------------------|-------------------|-------------------------------|-------------|-------------------------------|
| <div>LCT/RCT</div> | LEFT/RIGHT CORNER TOP BLOCK | <div>1' LCT</div> <div>1' RCT</div> | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | <div>1' TOP</div> | 1-FOOT TALL 36-INCH TOP BLOCK | <div></div> | MIRAFI 8XT GEOGRID            |
| <div>TOP</div>     | 36-INCH TOP BLOCK           | <div></div>                         | 36-INCH BLOCK                      | <div>X.X'</div>   | GEOGRID LENGTH (MINIMUM)      | <div></div> | MIRAFI 5XT GEOGRID            |
|                    |                             |                                     |                                    |                   |                               | <div></div> | CHANGE IN GEOGRID LENGTH/TYPE |



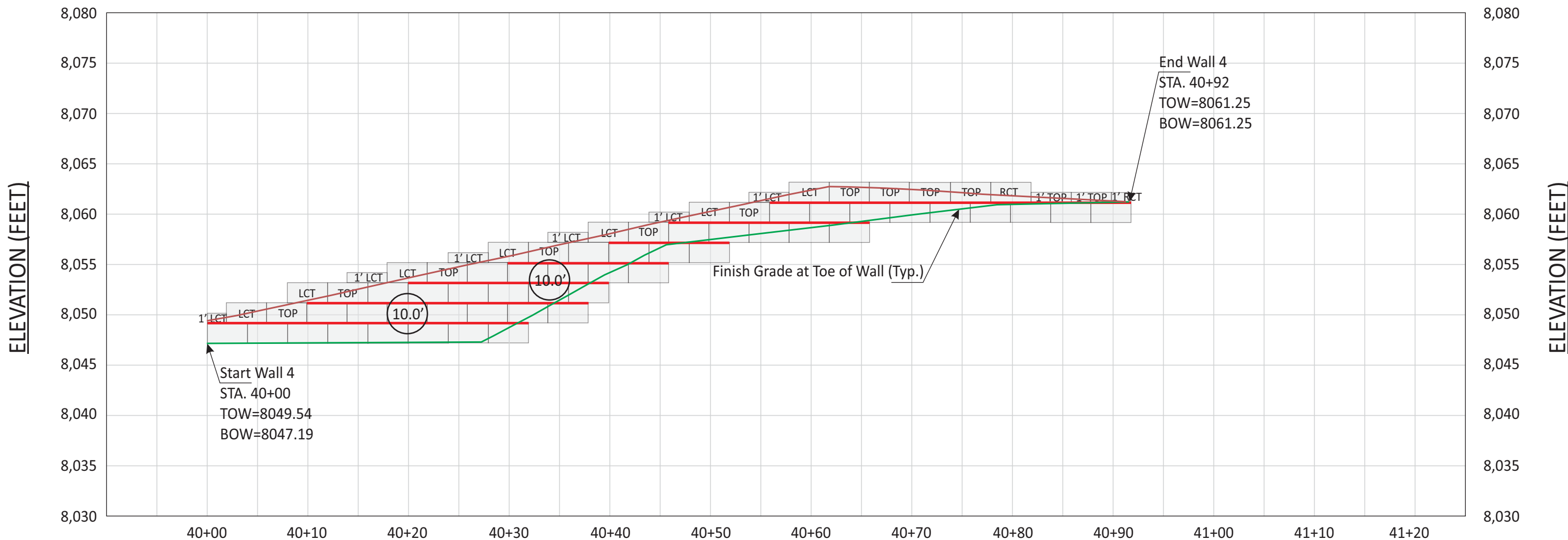
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| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 5 ELEVATION VIEW-             | SHEET NUMBER:<br>19 |
| Engineered By: Alan E. Money |                                                                                   |                     |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                     |

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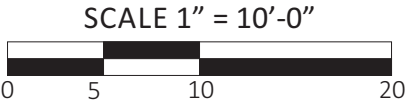
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Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A

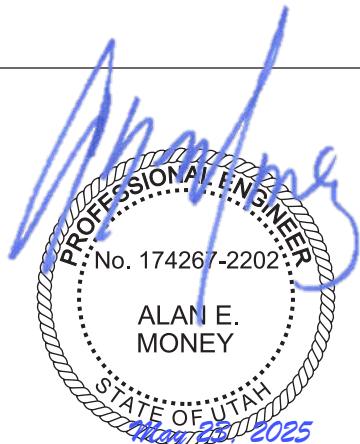
Wall 4 Elevation View



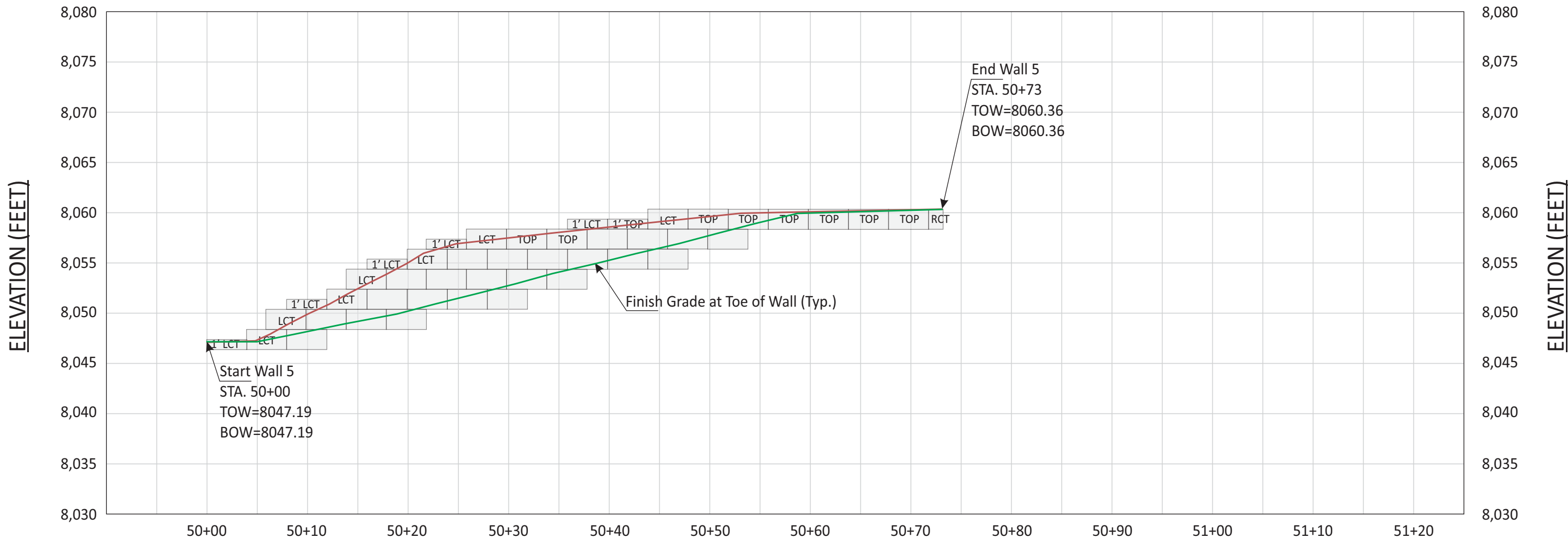
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|--------------------|-----------------------------|-------------------------------------|------------------------------------|-------------------|-------------------------------|-------------|-------------------------------|
| <div>LCT/RCT</div> | LEFT/RIGHT CORNER TOP BLOCK | <div>1' LCT</div> <div>1' RCT</div> | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | <div>1' TOP</div> | 1-FOOT TALL 36-INCH TOP BLOCK | <div></div> | MIRAFI 8XT GEOGRID            |
| <div>TOP</div>     | 36-INCH TOP BLOCK           | <div></div>                         | 36-INCH BLOCK                      | <div>X.X'</div>   | GEOGRID LENGTH (MINIMUM)      | <div></div> | MIRAFI 5XT GEOGRID            |
|                    |                             |                                     |                                    |                   |                               | <div></div> | CHANGE IN GEOGRID LENGTH/TYPE |



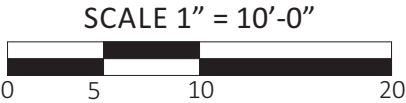
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|------------------------------|-----------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 5 ELEVATION VIEW-             | SHEET NUMBER: 20 | <div>AMMTec CONSULTANTS, PLLC</div> <div>CONSULTING ENGINEERING SERVICES</div> <div>2447 West 12th Street, Ste #1<br/>Tempe, Arizona 85281<br/>E-Mail: ammtec@ammtec.com</div> <div>Phone: 480 927-9696<br/>Fax: 480 927-9797<br/>www.ammtec.com</div> <div>Prepared By: JAM/BMH<br/>Reviewed By: AEM<br/>Date: 05/14/25<br/>Revision: N/A</div> |  |
| Engineered By: Alan E. Money |                                                                                   |                  |                                                                                                                                                                                                                                                                                                                                                  |  |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |                                                                                                                                                                                                                                                                                                                                                  |  |



Wall 5 Elevation View



|                    |                             |                              |                                    |                   |                               |             |                               |
|--------------------|-----------------------------|------------------------------|------------------------------------|-------------------|-------------------------------|-------------|-------------------------------|
| <div>LCT/RCT</div> | LEFT/RIGHT CORNER TOP BLOCK | <div>1' LCT<br/>1' RCT</div> | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | <div>1' TOP</div> | 1-FOOT TALL 36-INCH TOP BLOCK | <div></div> | MIRAFI 8XT GEOGRID            |
| <div>TOP</div>     | 36-INCH TOP BLOCK           | <div></div>                  | 36-INCH BLOCK                      | <div>X.X'</div>   | GEOGRID LENGTH (MINIMUM)      | <div></div> | MIRAFI 5XT GEOGRID            |
|                    |                             |                              |                                    |                   |                               | <div></div> | CHANGE IN GEOGRID LENGTH/TYPE |

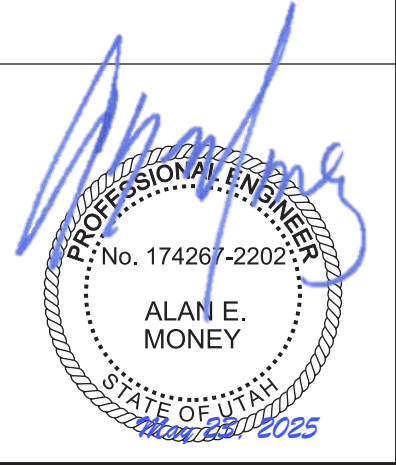


|                              |                                                                                   |                     |
|------------------------------|-----------------------------------------------------------------------------------|---------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 5 ELEVATION VIEW-             | SHEET NUMBER:<br>21 |
| Engineered By: Alan E. Money |                                                                                   |                     |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                     |

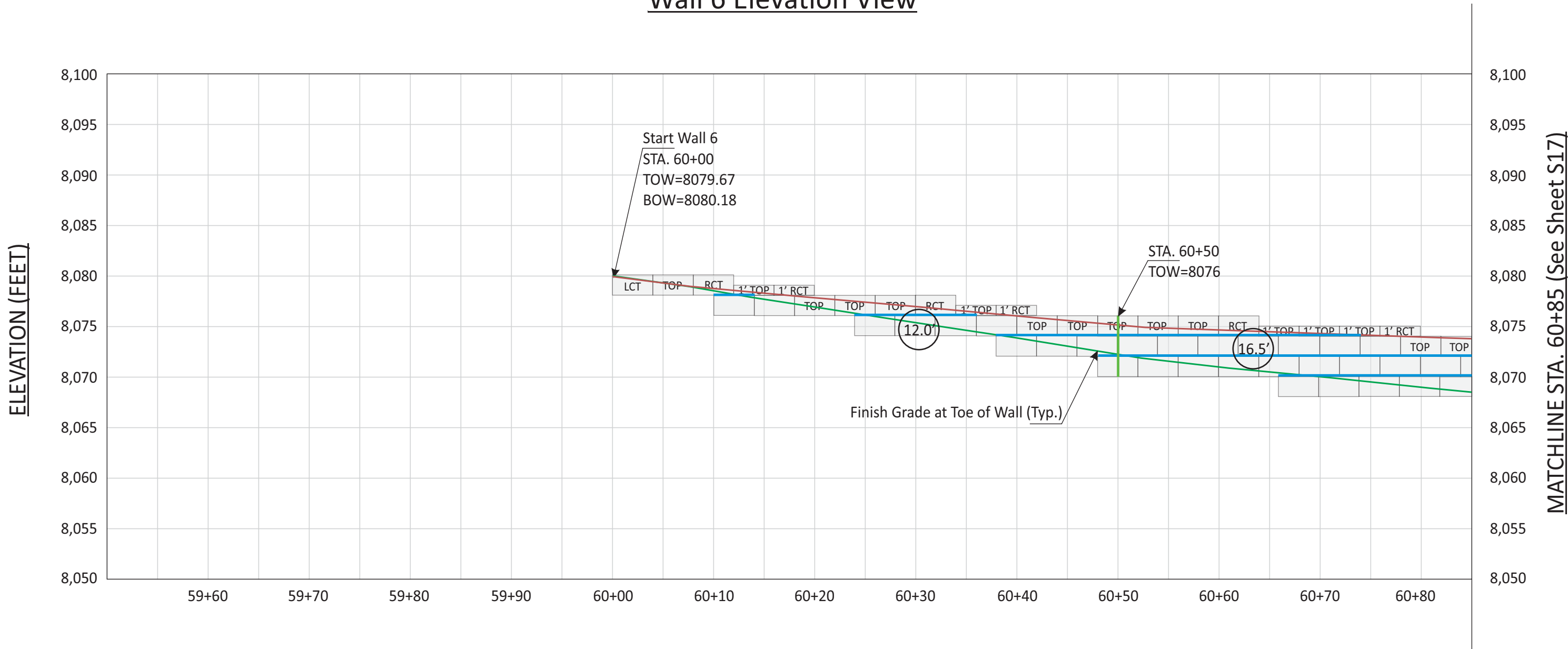
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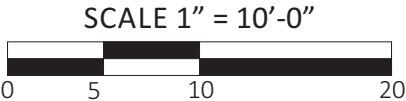
Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A



Wall 6 Elevation View



|                    |                             |                                     |                                    |                   |                               |             |                               |
|--------------------|-----------------------------|-------------------------------------|------------------------------------|-------------------|-------------------------------|-------------|-------------------------------|
| <div>LCT/RCT</div> | LEFT/RIGHT CORNER TOP BLOCK | <div>1' LCT</div> <div>1' RCT</div> | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | <div>1' TOP</div> | 1-FOOT TALL 36-INCH TOP BLOCK | <div></div> | MIRAFI 8XT GEOGRID            |
| <div>TOP</div>     | 36-INCH TOP BLOCK           | <div></div>                         | 36-INCH BLOCK                      | <div>X.X'</div>   | GEOGRID LENGTH (MINIMUM)      | <div></div> | MIRAFI 5XT GEOGRID            |
|                    |                             |                                     |                                    |                   |                               | <div></div> | CHANGE IN GEOGRID LENGTH/TYPE |



|                              |                                                                                   |                  |
|------------------------------|-----------------------------------------------------------------------------------|------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 5 ELEVATION VIEW-             | SHEET NUMBER: 22 |
| Engineered By: Alan E. Money |                                                                                   |                  |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |

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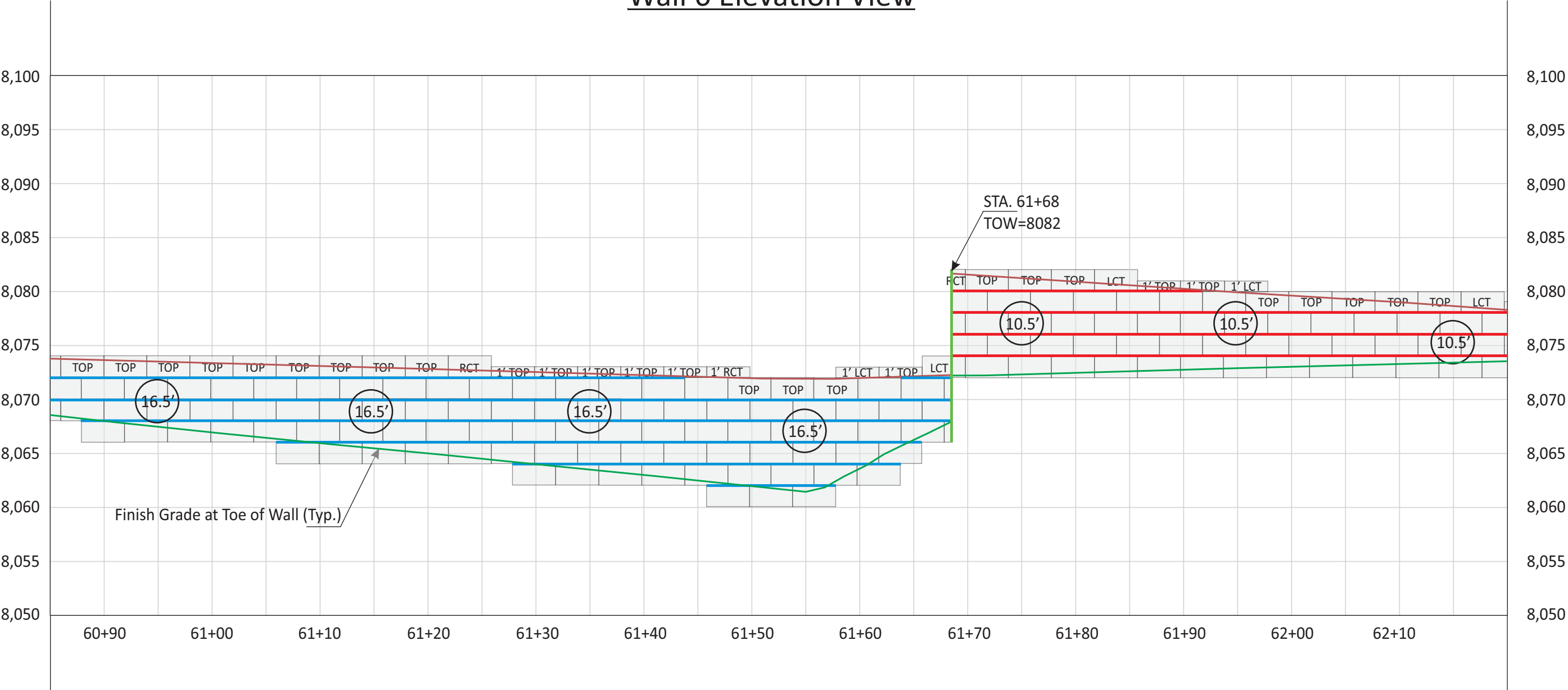
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Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A



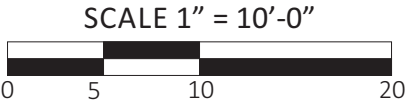
Wall 6 Elevation View

MATCHLINE STA. 60+85 (See Sheet S16)

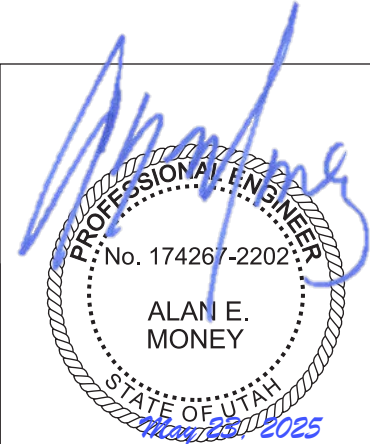


MATCHLINE STA. 62+20 (See Sheet S18)

|                    |                             |                                     |                                    |                   |                               |             |                               |
|--------------------|-----------------------------|-------------------------------------|------------------------------------|-------------------|-------------------------------|-------------|-------------------------------|
| <div>LCT/RCT</div> | LEFT/RIGHT CORNER TOP BLOCK | <div>1' LCT</div> <div>1' RCT</div> | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | <div>1' TOP</div> | 1-FOOT TALL 36-INCH TOP BLOCK | <div></div> | MIRAFI 8XT GEOGRID            |
| <div>TOP</div>     | 36-INCH TOP BLOCK           | <div></div>                         | 36-INCH BLOCK                      | <div>X.X'</div>   | GEOGRID LENGTH (MINIMUM)      | <div></div> | MIRAFI 5XT GEOGRID            |
|                    |                             |                                     |                                    |                   |                               | <div></div> | CHANGE IN GEOGRID LENGTH/TYPE |

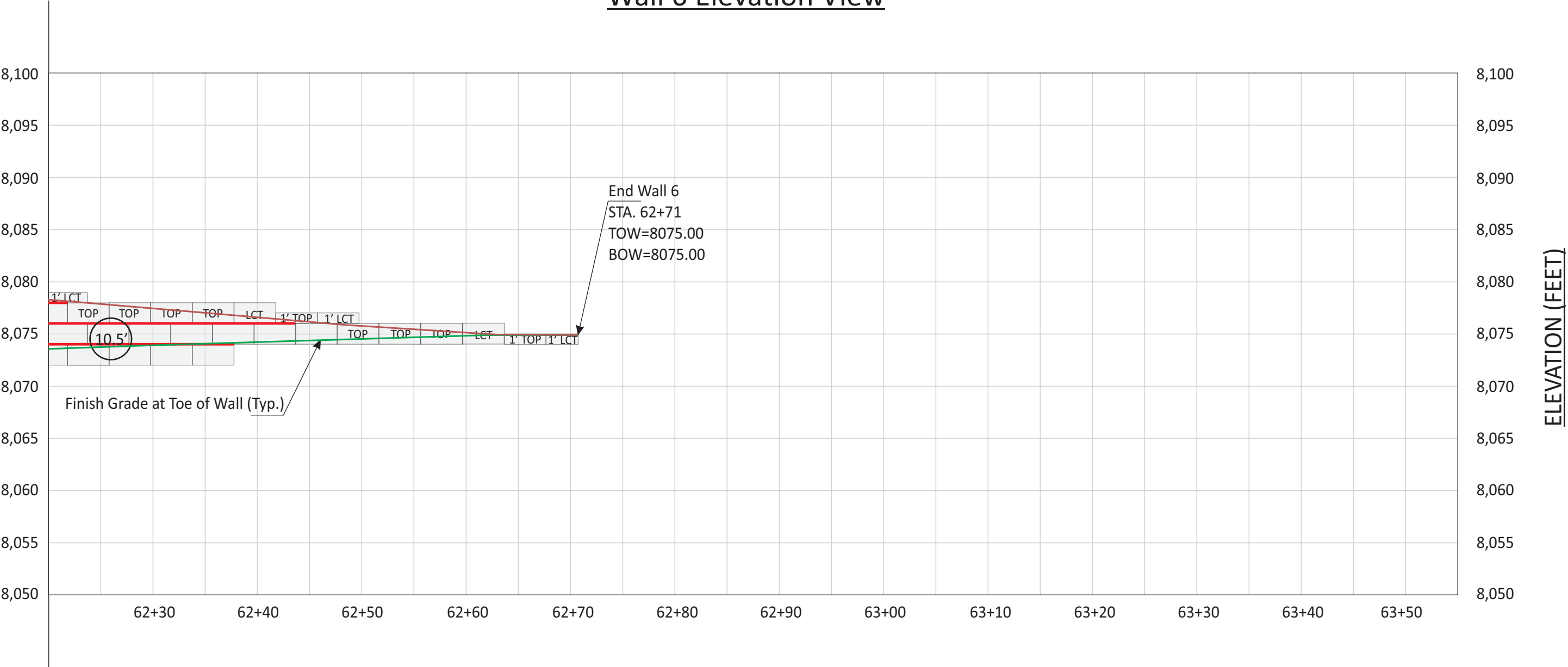


|                              |                                                                                   |                  |                                                                                                                                                                                                                                                        |
|------------------------------|-----------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 6 ELEVATION VIEW-             | SHEET NUMBER: 23 | <div>AMMTec CONSULTANTS, PLLC</div> <div>CONSULTING ENGINEERING SERVICES</div> <div>2447 West 12th Street, Ste #1<br/>Tempe, Arizona 85281<br/>E-Mail: ammtec@ammtec.com</div> <div>Phone: 480 927-9696<br/>Fax: 480 927-9797<br/>www.ammtec.com</div> |
| Engineered By: Alan E. Money |                                                                                   |                  |                                                                                                                                                                                                                                                        |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |                                                                                                                                                                                                                                                        |
|                              |                                                                                   |                  | Prepared By: JAM/BMH<br>Reviewed By: AEM<br>Date: 05/14/25<br>Revision: N/A                                                                                                                                                                            |

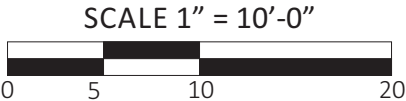


Wall 6 Elevation View

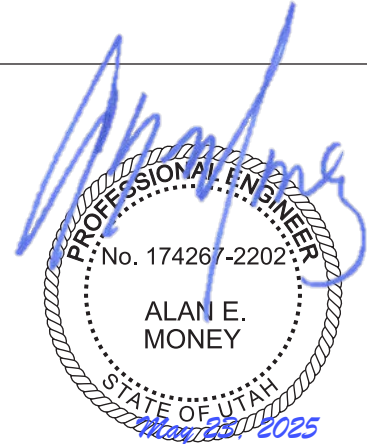
MATCHLINE STA. 62+20 (See Sheet S17)



|                    |                             |                              |                                    |                   |                               |             |                               |
|--------------------|-----------------------------|------------------------------|------------------------------------|-------------------|-------------------------------|-------------|-------------------------------|
| <div>LCT/RCT</div> | LEFT/RIGHT CORNER TOP BLOCK | <div>1' LCT<br/>1' RCT</div> | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | <div>1' TOP</div> | 1-FOOT TALL 36-INCH TOP BLOCK | <div></div> | MIRAFI 8XT GEOGRID            |
| <div>TOP</div>     | 36-INCH TOP BLOCK           | <div></div>                  | 36-INCH BLOCK                      | <div>X.X'</div>   | GEOGRID LENGTH (MINIMUM)      | <div></div> | MIRAFI 5XT GEOGRID            |
|                    |                             |                              |                                    |                   |                               | <div></div> | CHANGE IN GEOGRID LENGTH/TYPE |



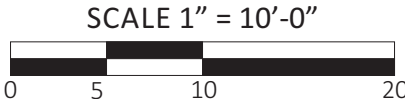
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| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 6 ELEVATION VIEW-             | SHEET NUMBER: 24 | <div>AMMTec CONSULTANTS, PLLC</div> <div>CONSULTING ENGINEERING SERVICES</div> <div>2447 West 12th Street, Ste #1<br/>Tempe, Arizona 85281<br/>E-Mail: ammtec@ammtec.com</div> <div>Phone: 480 927-9696<br/>Fax: 480 927-9797<br/>www.ammtec.com</div> |  | Prepared By: JAM/BMH<br>Reviewed By: AEM<br>Date: 05/14/25<br>Revision: N/A |
| Engineered By: Alan E. Money |                                                                                   |                  |                                                                                                                                                                                                                                                        |  |                                                                             |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |                                                                                                                                                                                                                                                        |  |                                                                             |



## Wall 7 Elevation View



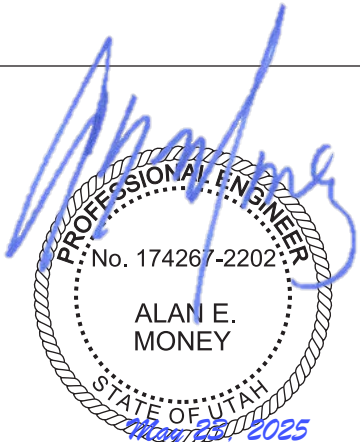
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|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|  LEFT/RIGHT CORNER TOP BLOCK |  1-FOOT LEFT/RIGHT CORNER TOP BLOCK |  1-FOOT TALL 36-INCH TOP BLOCK |  MIRAFI 8XT GEOGRID |                                                                                                                     |
|  36-INCH TOP BLOCK           |  36-INCH BLOCK                      |  GEOGRID LENGTH (MINIMUM)      |  MIRAFI 5XT GEOGRID |  CHANGE IN GEOGRID LENGTH/TYPE |



|                              |                                                                                   |                  |
|------------------------------|-----------------------------------------------------------------------------------|------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 7 ELEVATION VIEW-             | SHEET NUMBER: 25 |
| Engineered By: Alan E. Money |                                                                                   |                  |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |

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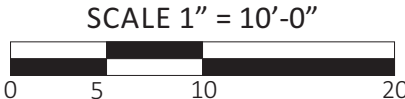
Prepared By: JAM/BMH  
 Reviewed By: AEM  
 Date: 05/14/2015  
 Revision: N/A



## Wall 8 Elevation View



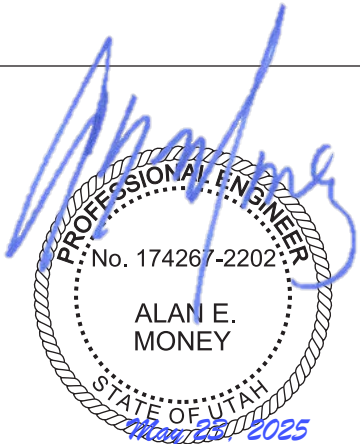
|                                                                                                                |                                                                                                                        |                                                                                                                   |                                                                                                          |                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|  LEFT/RIGHT CORNER TOP BLOCK |  1-FOOT LEFT/RIGHT CORNER TOP BLOCK |  1-FOOT TALL 36-INCH TOP BLOCK |  MIRAFI 8XT GEOGRID |                                                                                                                     |
|  36-INCH TOP BLOCK           |  36-INCH BLOCK                      |  GEOGRID LENGTH (MINIMUM)      |  MIRAFI 5XT GEOGRID |  CHANGE IN GEOGRID LENGTH/TYPE |



|                              |                                                                                   |                  |
|------------------------------|-----------------------------------------------------------------------------------|------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 7 ELEVATION VIEW-             | SHEET NUMBER: 26 |
| Engineered By: Alan E. Money |                                                                                   |                  |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |

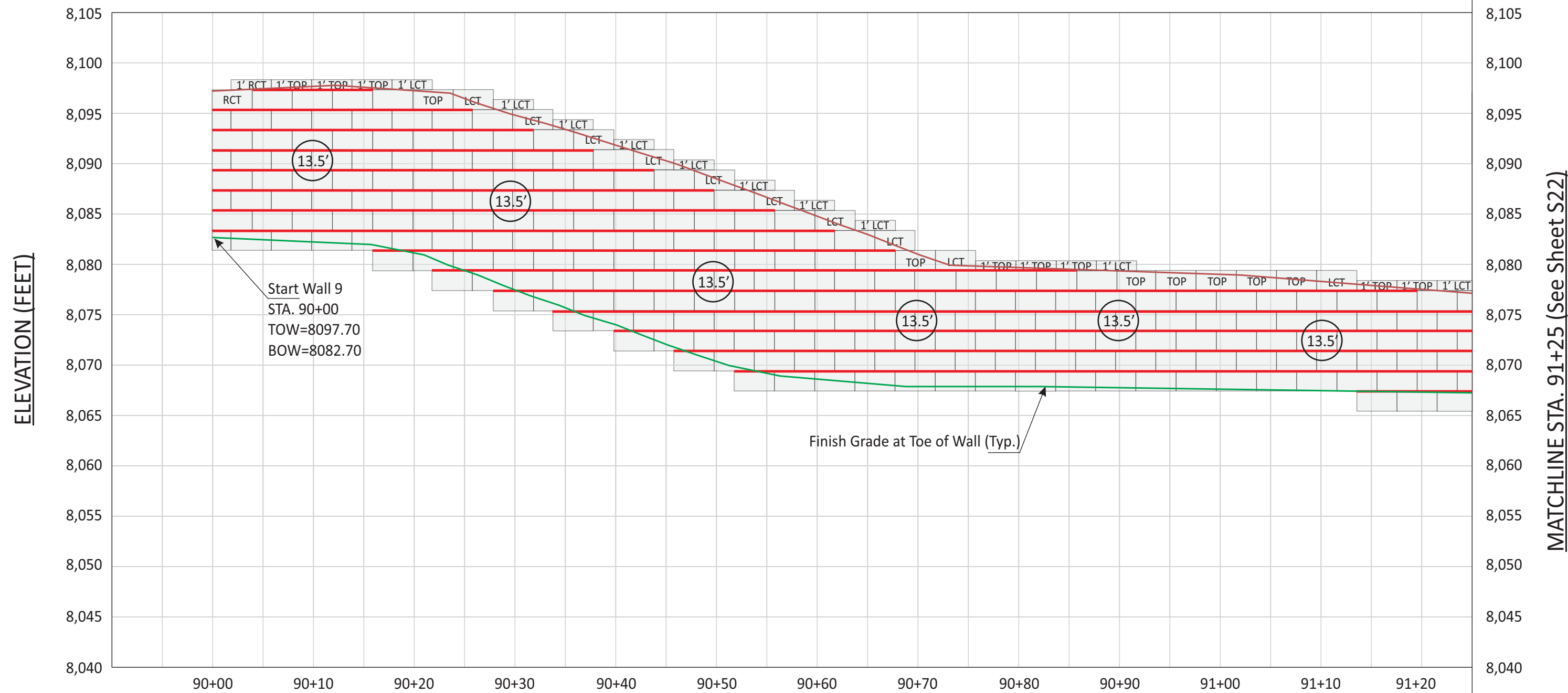
**AMMT<sub>EC</sub> CONSULTANTS, PLLC**  
**CONSULTING ENGINEERING SERVICES**  
 2447 West 12th Street, Ste #1 Phone: 480 927-9696  
 Tempe, Arizona 85281 Fax: 480 927-9797  
 E-Mail: ammt<sub>ec</sub>@ammt<sub>ec</sub>.com www.ammt<sub>ec</sub>.com

Prepared By: JAM/BMH  
 Reviewed By: AEM  
 Date: 05/14/25  
 Revision: N/A

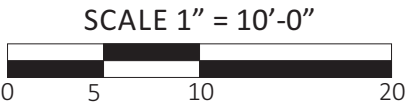




Wall 9 Elevation View



|  |                             |  |                                    |  |                               |  |                    |
|--|-----------------------------|--|------------------------------------|--|-------------------------------|--|--------------------|
|  | LEFT/RIGHT CORNER TOP BLOCK |  | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK |  | 1-FOOT TALL 36-INCH TOP BLOCK |  | MIRAFI 8XT GEOGRID |
|  | 36-INCH TOP BLOCK           |  | 36-INCH BLOCK                      |  | GEOGRID LENGTH (MINIMUM)      |  | MIRAFI 5XT GEOGRID |
|  |                             |  |                                    |  | CHANGE IN GEOGRID LENGTH/TYPE |  |                    |

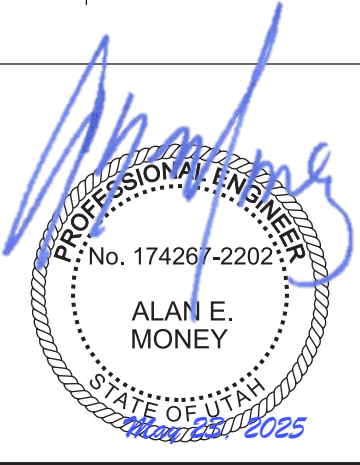


|                              |                                                                                   |                     |
|------------------------------|-----------------------------------------------------------------------------------|---------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 8 ELEVATION VIEW-             | SHEET NUMBER:<br>27 |
| Engineered By: Alan E. Money |                                                                                   |                     |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                     |

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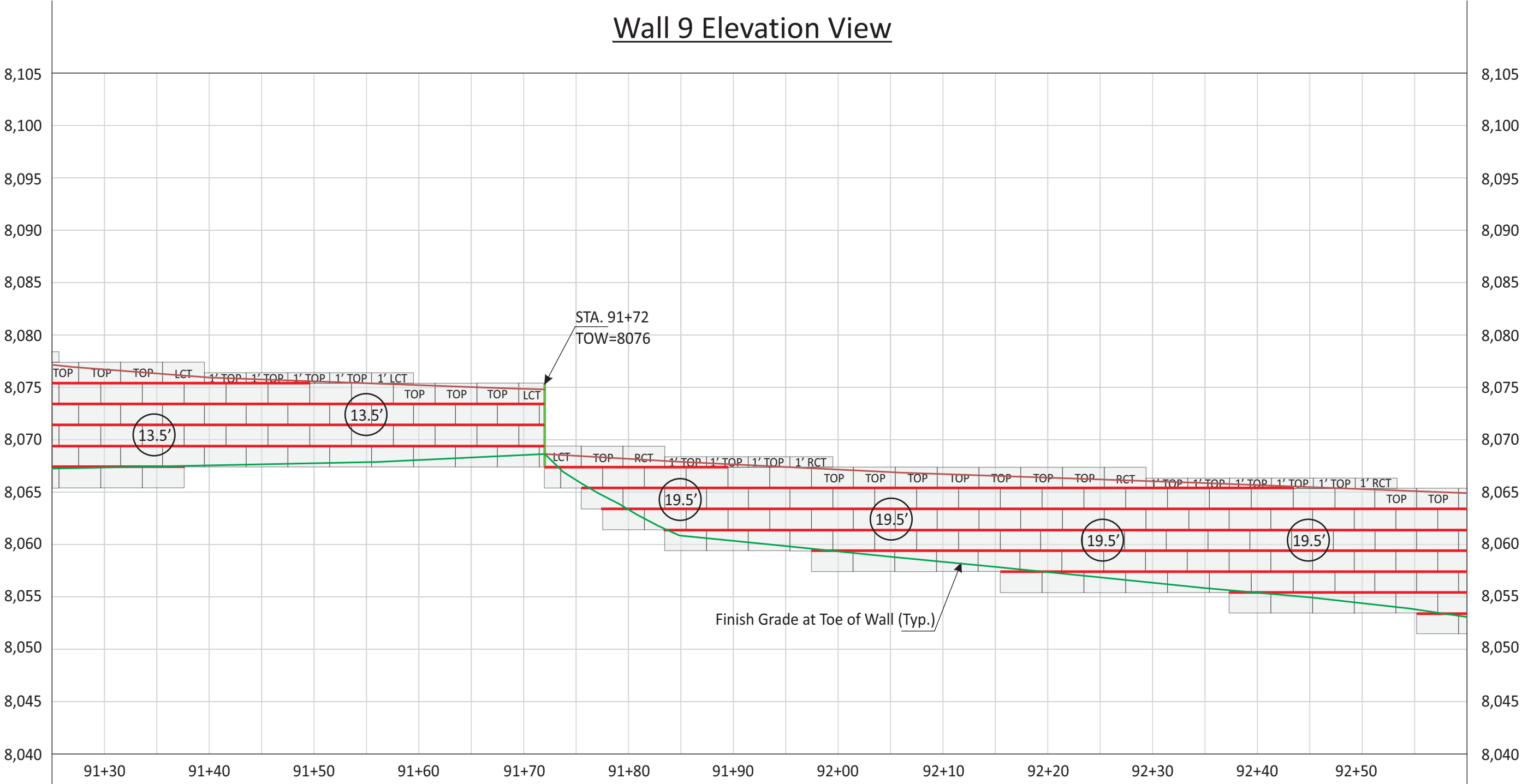
Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A



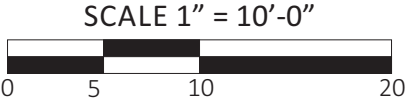
Wall 9 Elevation View

MATCHLINE STA. 91+25 (See Sheet S21)

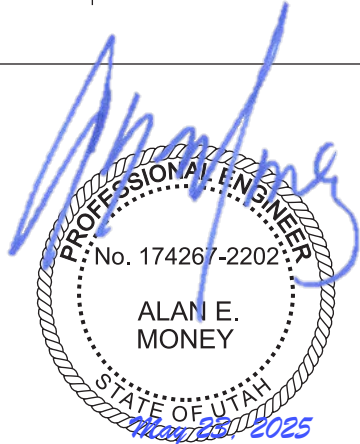
MATCHLINE STA. 92+60 (See Sheet S23)



|         |                             |                  |                                    |        |                               |                    |
|---------|-----------------------------|------------------|------------------------------------|--------|-------------------------------|--------------------|
| LCT/RCT | LEFT/RIGHT CORNER TOP BLOCK | 1' LCT<br>1' RCT | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | 1' TOP | 1-FOOT TALL 36-INCH TOP BLOCK | MIRAFI 8XT GEOGRID |
| TOP     | 36-INCH TOP BLOCK           |                  | 36-INCH BLOCK                      | X.X'   | GEOGRID LENGTH (MINIMUM)      | MIRAFI 5XT GEOGRID |
|         |                             |                  |                                    |        | CHANGE IN GEOGRID LENGTH/TYPE |                    |



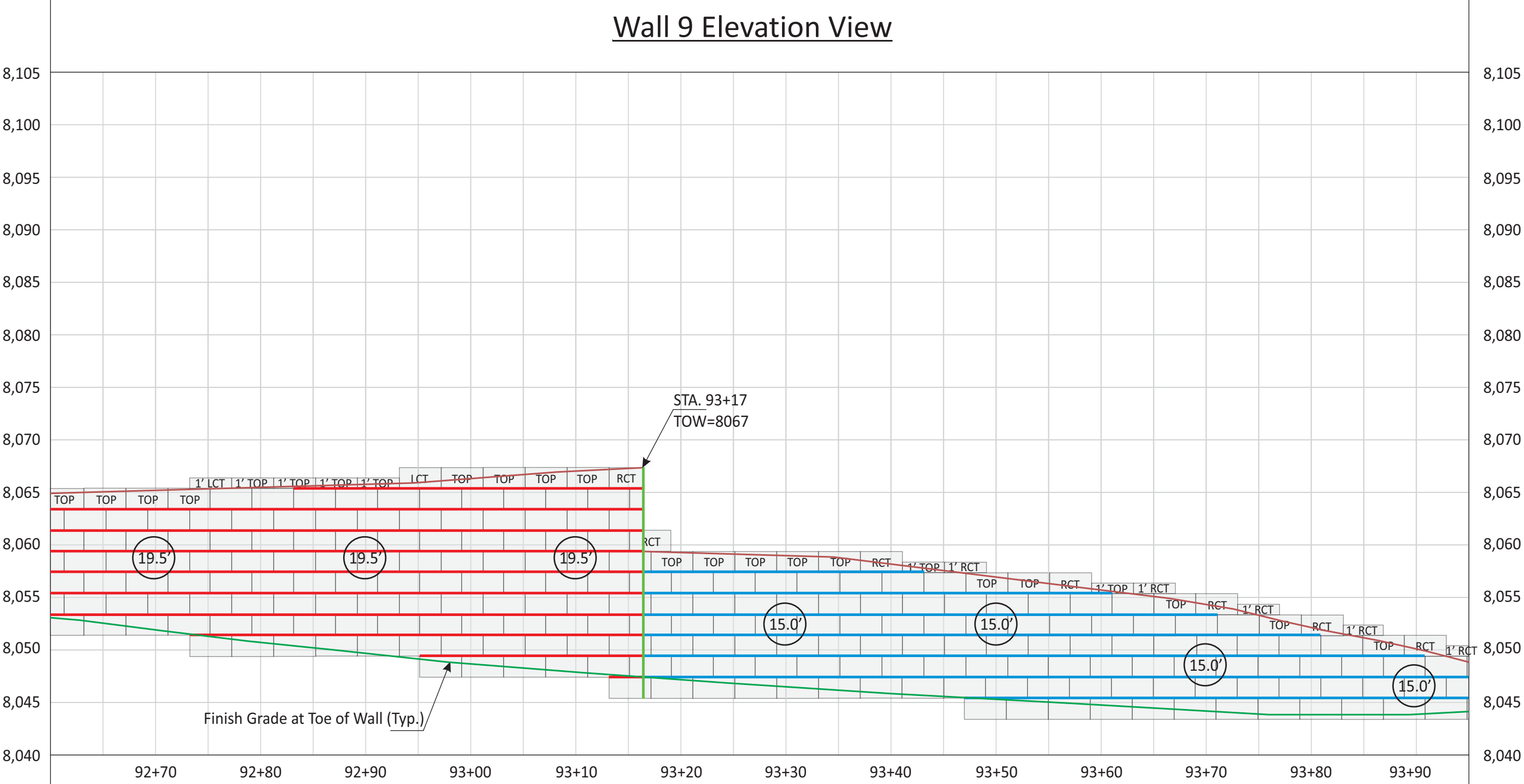
|                              |                                                                                   |                  |                                                                                                                                                                                                                              |
|------------------------------|-----------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 9 ELEVATION VIEW-             | SHEET NUMBER: 28 | <br><b>AMMTec CONSULTANTS, PLLC</b><br>CONSULTING ENGINEERING SERVICES<br>2447 West 12th Street, Ste #1<br>Tempe, Arizona 85281<br>E-Mail: ammttec@ammtec.com<br>Phone: 480 927-9696<br>Fax: 480 927-9797<br>www.ammttec.com |
| Engineered By: Alan E. Money |                                                                                   |                  |                                                                                                                                                                                                                              |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                  |                                                                                                                                                                                                                              |
|                              |                                                                                   |                  | Prepared By: JAM/BMH<br>Reviewed By: AEM<br>Date: 05/14/25<br>Revision: N/A                                                                                                                                                  |



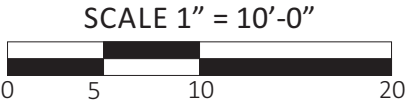
Wall 9 Elevation View

MATCHLINE STA. 92+60 (See Sheet S22)

MATCHLINE STA. 93+95 (See Sheet S24)



|                    |                             |                              |                                    |                   |                               |             |                               |
|--------------------|-----------------------------|------------------------------|------------------------------------|-------------------|-------------------------------|-------------|-------------------------------|
| <div>LCT/RCT</div> | LEFT/RIGHT CORNER TOP BLOCK | <div>1' LCT<br/>1' RCT</div> | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | <div>1' TOP</div> | 1-FOOT TALL 36-INCH TOP BLOCK | <div></div> | MIRAFI 8XT GEOGRID            |
| <div>TOP</div>     | 36-INCH TOP BLOCK           | <div></div>                  | 36-INCH BLOCK                      | <div>X.X'</div>   | GEOGRID LENGTH (MINIMUM)      | <div></div> | MIRAFI 5XT GEOGRID            |
|                    |                             |                              |                                    |                   |                               | <div></div> | CHANGE IN GEOGRID LENGTH/TYPE |



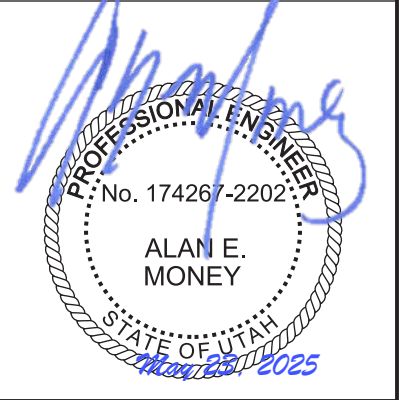
|                              |
|------------------------------|
| Project Number: AZ 2025      |
| Engineered By: Alan E. Money |
| Scale: 1"=10'-0"             |

|                |                                                                     |               |    |
|----------------|---------------------------------------------------------------------|---------------|----|
| DRAWING TITLE: | VERTI-BLOCK RETAINING WALLS<br>-WALL 10 ELEVATION VIEW-             | SHEET NUMBER: | 29 |
| PROJECT NAME:  | SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |               |    |

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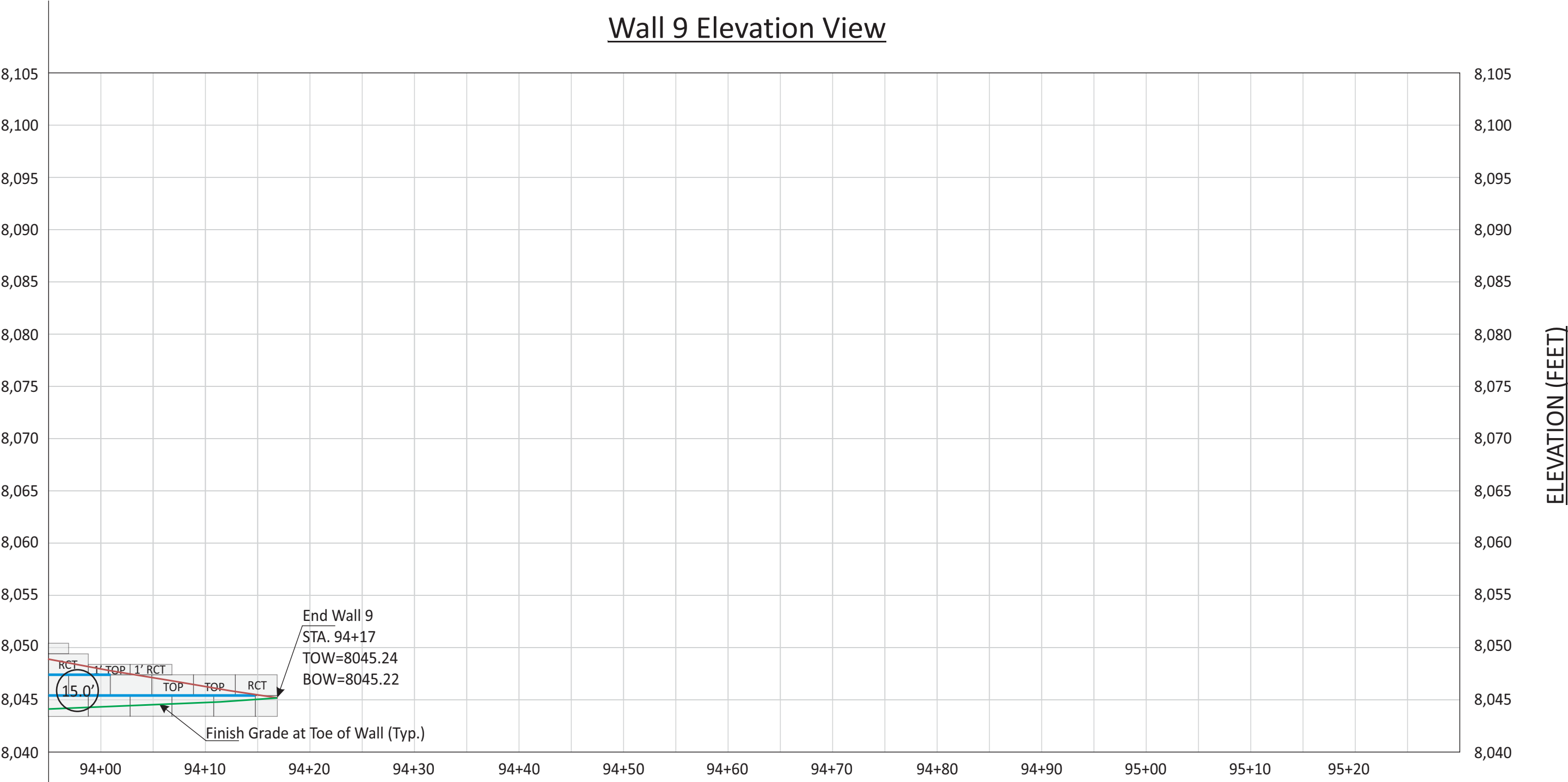
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Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A

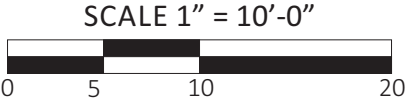


Wall 9 Elevation View

MATCHLINE STA. 93+95 (See Sheet S23)



|                    |                             |                                     |                                    |                   |                               |             |                               |
|--------------------|-----------------------------|-------------------------------------|------------------------------------|-------------------|-------------------------------|-------------|-------------------------------|
| <div>LCT/RCT</div> | LEFT/RIGHT CORNER TOP BLOCK | <div>1' LCT</div> <div>1' RCT</div> | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | <div>1' TOP</div> | 1-FOOT TALL 36-INCH TOP BLOCK | <div></div> | MIRAFI 8XT GEOGRID            |
| <div>TOP</div>     | 36-INCH TOP BLOCK           | <div></div>                         | 36-INCH BLOCK                      | <div>X.X'</div>   | GEOGRID LENGTH (MINIMUM)      | <div></div> | MIRAFI 5XT GEOGRID            |
|                    |                             |                                     |                                    |                   |                               | <div></div> | CHANGE IN GEOGRID LENGTH/TYPE |



|                              |
|------------------------------|
| Project Number: AZ 2025      |
| Engineered By: Alan E. Money |
| Scale: 1"=10'-0"             |

|                |                                                                     |               |    |
|----------------|---------------------------------------------------------------------|---------------|----|
| DRAWING TITLE: | VERTI-BLOCK RETAINING WALLS<br>-WALL 10 ELEVATION VIEW-             | SHEET NUMBER: | 30 |
| PROJECT NAME:  | SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |               |    |

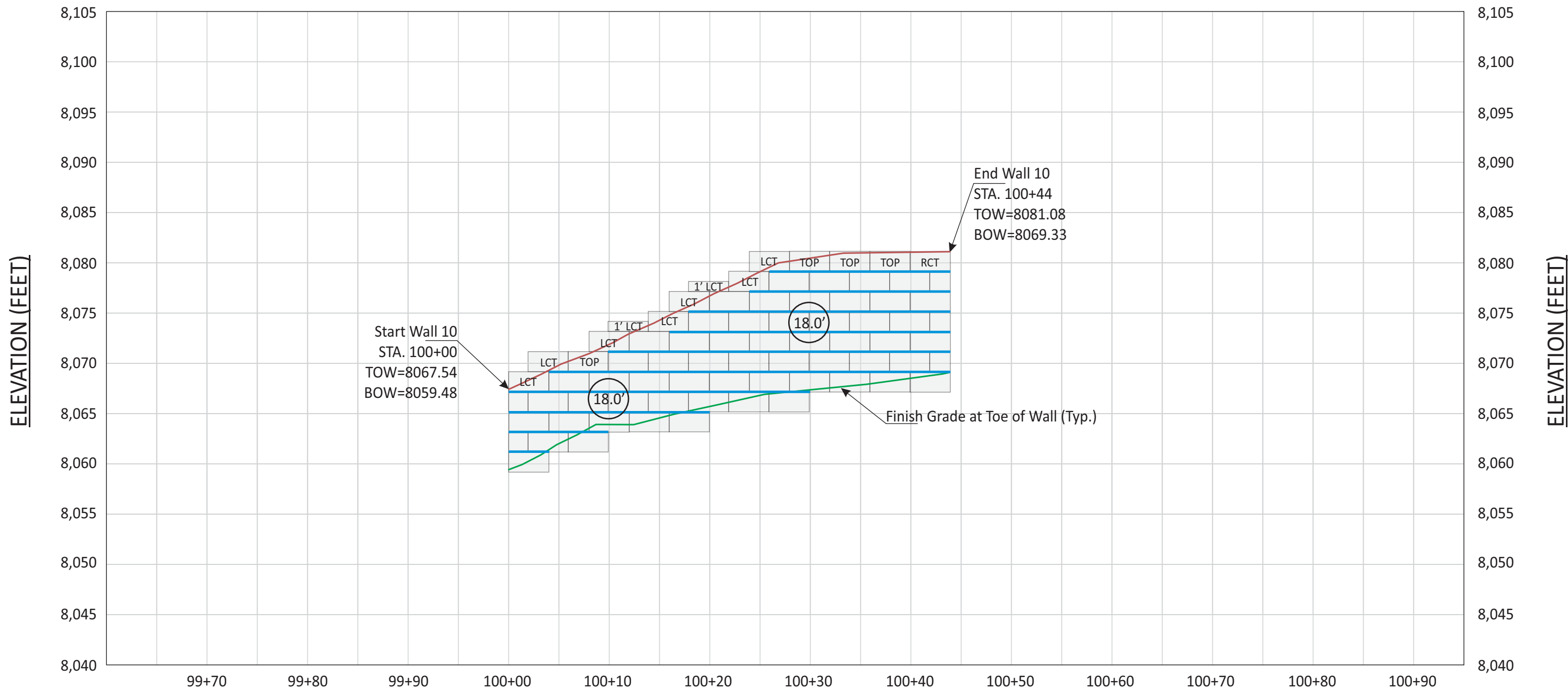
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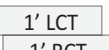
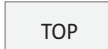
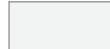
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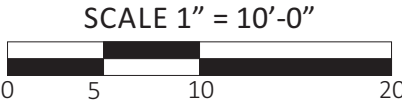
Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A



Wall 10 Elevation View



|                                                                                                                |                                                                                                                        |                                                                                                                   |                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
|  LEFT/RIGHT CORNER TOP BLOCK |  1-FOOT LEFT/RIGHT CORNER TOP BLOCK |  1-FOOT TALL 36-INCH TOP BLOCK |  MIRAFI 8XT GEOGRID             |
|  36-INCH TOP BLOCK           |  36-INCH BLOCK                      |  GEOGRID LENGTH (MINIMUM)      |  MIRAFI 5XT GEOGRID             |
|                                                                                                                |                                                                                                                        |                                                                                                                   |  CHANGE IN GEOGRID LENGTH/TYPE |

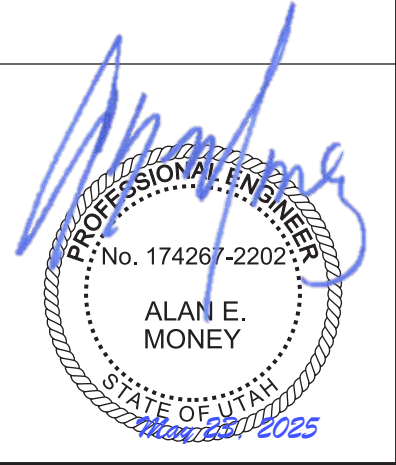


|                              |                                                                                   |                     |
|------------------------------|-----------------------------------------------------------------------------------|---------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>–WALL 10 ELEVATION VIEW–            | SHEET NUMBER:<br>31 |
| Engineered By: Alan E. Money |                                                                                   |                     |
| Scale: 1”=10’-0”             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                     |

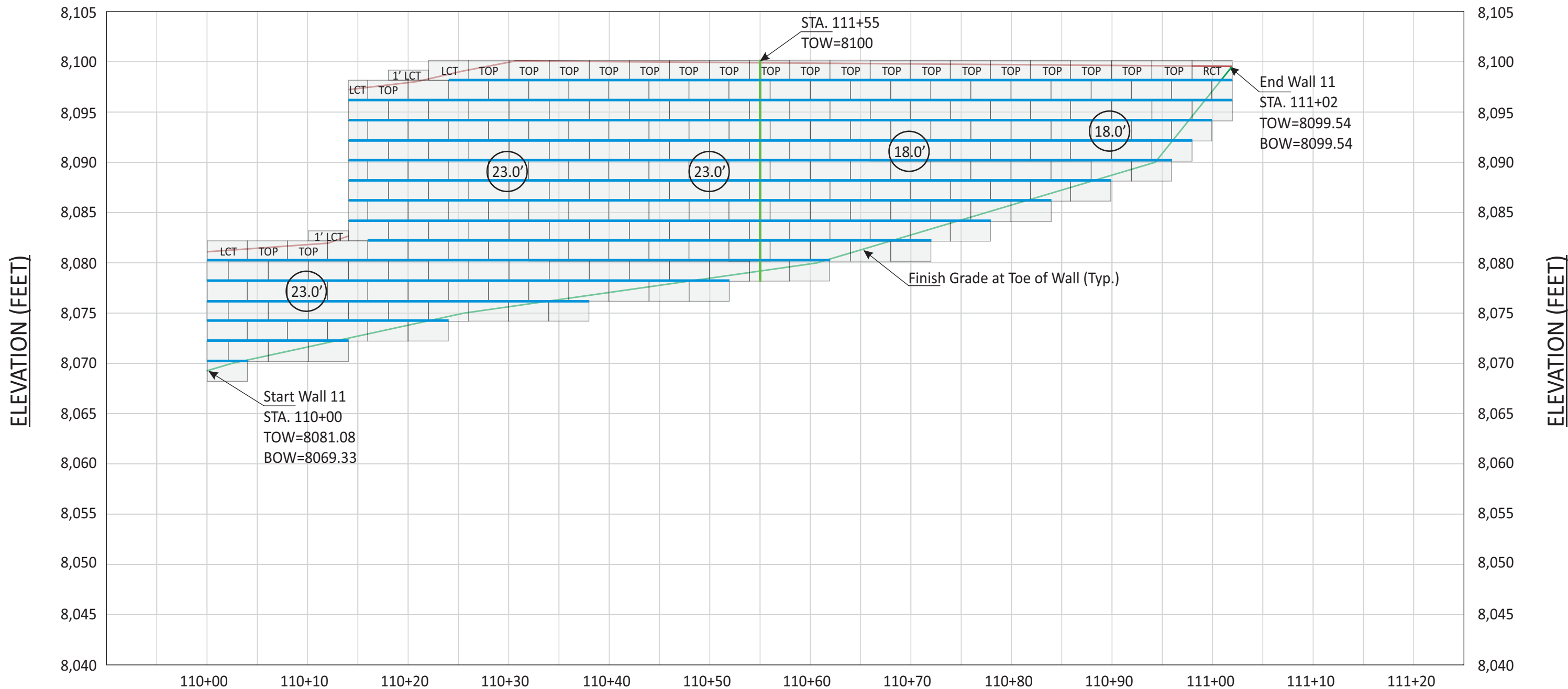
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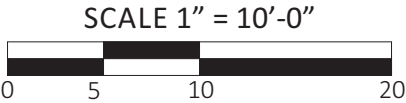
Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A



Wall 11 Elevation View



|                    |                             |                              |                                    |                   |                               |             |                               |
|--------------------|-----------------------------|------------------------------|------------------------------------|-------------------|-------------------------------|-------------|-------------------------------|
| <div>LCT/RCT</div> | LEFT/RIGHT CORNER TOP BLOCK | <div>1' LCT<br/>1' RCT</div> | 1-FOOT LEFT/RIGHT CORNER TOP BLOCK | <div>1' TOP</div> | 1-FOOT TALL 36-INCH TOP BLOCK | <div></div> | MIRAFI 8XT GEOGRID            |
| <div>TOP</div>     | 36-INCH TOP BLOCK           | <div></div>                  | 36-INCH BLOCK                      | <div>X.X'</div>   | GEOGRID LENGTH (MINIMUM)      | <div></div> | MIRAFI 5XT GEOGRID            |
|                    |                             |                              |                                    |                   |                               | <div></div> | CHANGE IN GEOGRID LENGTH/TYPE |



|                              |                                                                                   |                     |
|------------------------------|-----------------------------------------------------------------------------------|---------------------|
| Project Number: AZ 2025      | DRAWING TITLE: VERTI-BLOCK RETAINING WALLS<br>-WALL 10 ELEVATION VIEW-            | SHEET NUMBER:<br>32 |
| Engineered By: Alan E. Money |                                                                                   |                     |
| Scale: 1"=10'-0"             | PROJECT NAME: SUNDOWN CONDOS PHASE 3<br>6550 NORTH POWDER MOUNTAIN ROAD, EDEN, UT |                     |

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Prepared By: JAM/BMH  
Reviewed By: AEM  
Date: 05/14/25  
Revision: N/A

