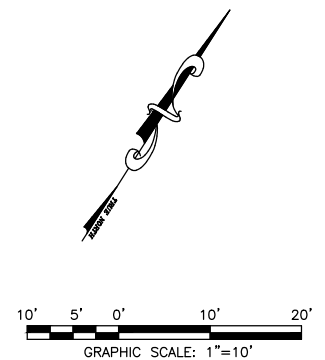
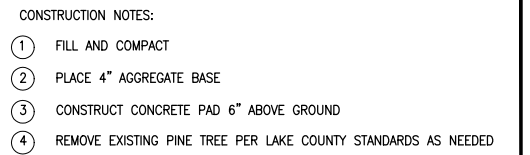
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SEAL:

REGISTERED PROFESSIONAL ENGINEER  
ANDREW J. KOLTAVY  
No. 26571  
Exp. 03/31/26  
CIVIL  
STATE OF CALIFORNIA

**A.J. KOLTAVARY**  
CIVIL ENGINEERS  
24 RECODO, IRVINE, CA 92620

PREPARED BY: ANDREW J. KOLTAVARY

R.C.E. No. 26571 EXP. 03/31/26

**BENCHMARK:**  
SITE ELEVATIONS ARE ESTABLISHED FROM THE  
GPS DERIVED ORTHOMETRIC HEIGHTS BY  
APPLICATION OF NGS "GEOID 12A" MODELED  
SEPARATIONS TO ELLIPSOID HEIGHTS  
DETERMINED BY OBSERVATIONS OF THE "LEICA  
SMARTNET" REAL TIME NETWORK. ALL  
ELEVATIONS SHOWN HEREON ARE REFERENCED  
TO NAVD83, CALIFORNIA ZONE 2.

**SCALE:**  
H: As Noted V: As Noted

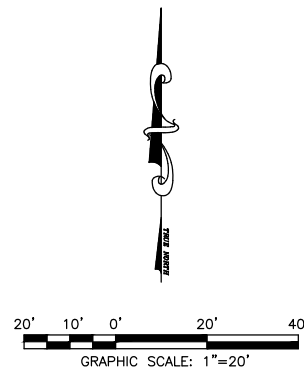
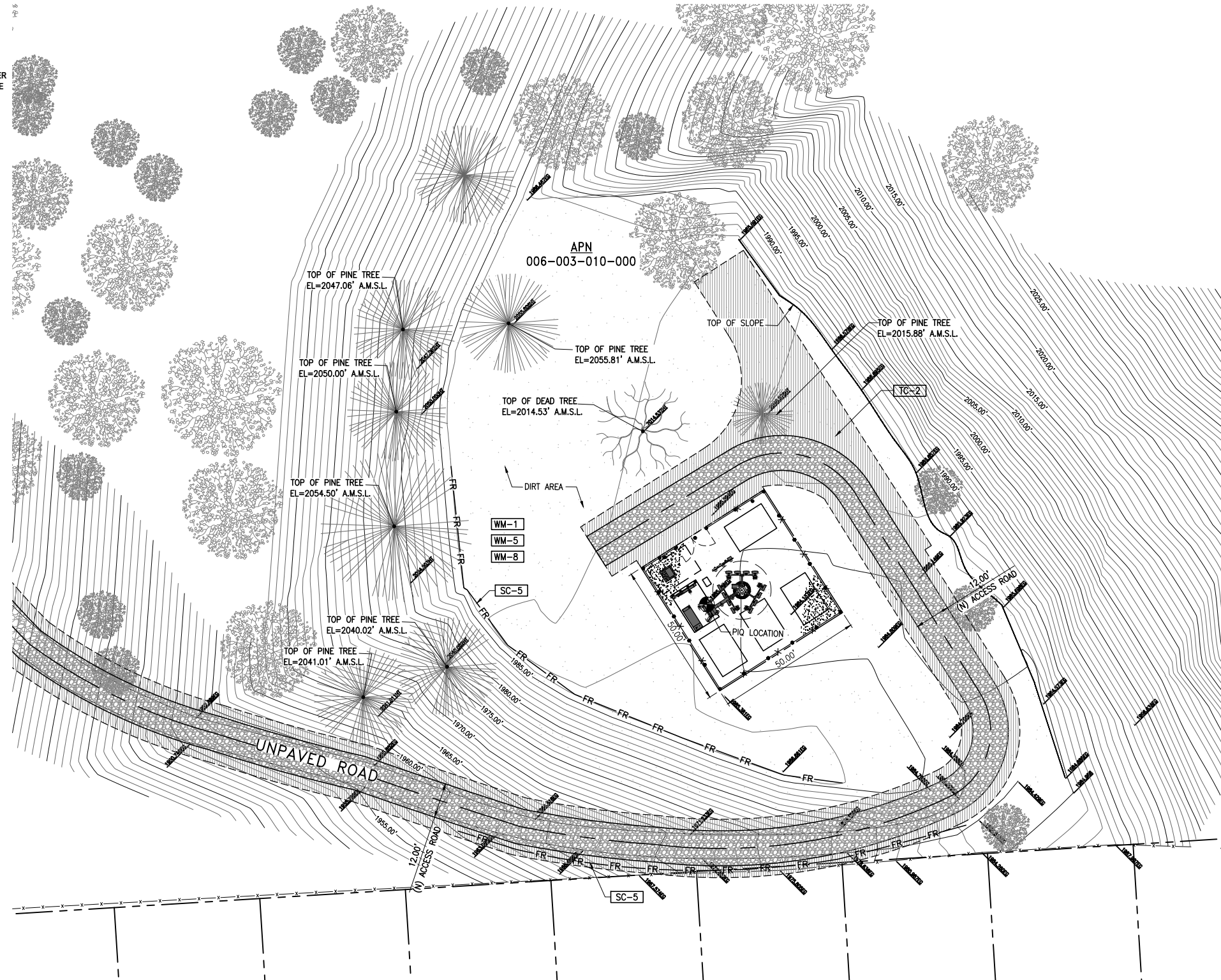
US-CA-7280 CHEVIOT  
GRADING PLAN  
6720 LESLIE PL.  
LUCERNE, CA 95458

|           |   |
|-----------|---|
| SHEET No. | 3 |
| 10 SHEETS |   |



WM-1 - AT ALL PHASE OF CONSTRUCTION  
WM-8 - ON GOING

2. BASED ON THE SCOPE OF WORK NO DIRECT IMPACTS ARE ANTICIPATED BEST MANAGEMENT PRACTICES (BMPs). FIBER ROLLS WILL BE EMPLOYED DURING CONSTRUCTION TO ENSURE STORMWATER RUNOFF DOES NOT CARRY CONSTRUCTION-RELATED DEBRIS INTO THE NEARBY WETLAND FEATURE.



|                                               |                                                            |                     |         |
|-----------------------------------------------|------------------------------------------------------------|---------------------|---------|
| PDS 659                                       | BROW DITCH                                                 | →                   | →       |
| PDS 659                                       | BERM                                                       | →                   | B →     |
| DIRECTION OF LOT DRAINAGE → →                 |                                                            |                     |         |
| <b>MATERIALS &amp; WASTE MANAGEMENT BMPs:</b> |                                                            |                     |         |
| WM-1                                          | MATERIAL DELIVERY & STORAGE                                |                     |         |
| WM-4                                          | SPILL PREVENTION AND CONTROL                               |                     |         |
| WM-8                                          | CONCRETE WASTE MANAGEMENT                                  |                     |         |
| WM-5                                          | SOLID WASTE MANAGEMENT                                     |                     |         |
| WM-9                                          | SANITARY WASTE MANAGEMENT                                  |                     |         |
| WM-6                                          | HAZARDOUS WASTE MANAGEMENT                                 |                     |         |
| <b>TEMPORARY RUNOFF CONTROL BMPs:</b>         |                                                            |                     |         |
| SS-2                                          | PRESERVATION OF EXISTING VEGETATION                        |                     |         |
| SS-3                                          | BONDED OR STABILIZED FIBER MATRIX (WINTER)                 |                     |         |
| SS-4                                          | HYDROSEEDING (SUMMER)                                      |                     |         |
| SS-6                                          | SC-8                                                       | STRAW OR WOOD MULCH | S/W S/W |
| SS-7                                          | PHYSICAL STABILIZATION (WINTER)                            |                     |         |
| SS-10                                         | ENERGY DISSIPATOR                                          |                     |         |
| SC-1                                          | SILT FENCE                                                 |                     |         |
| SC-2                                          | SEDIMENT / DESILTING BASIN                                 |                     |         |
| SC-5                                          | FIBER ROLLS                                                |                     |         |
| SC-6                                          | SC-8                                                       | GRAVEL OR SAND BAGS |         |
| SC-7                                          | STREET SWEEPING AND VACUUMING                              |                     |         |
| SC-10                                         | STORM DRAIN INLET PROTECTION                               |                     |         |
| NS-2                                          | DEWATERING FILTRATION                                      |                     |         |
| TC-1                                          | STABILIZED CONSTRUCTION ENTRANCE                           |                     |         |
| TC-2                                          | CONSTRUCTION ROAD STABILIZATION                            |                     |         |
| TC-3                                          | ENTRANCE / EXIT TIRE WASH                                  |                     |         |
| <b>POST-CONSTRUCTION SITE DESIGN BMPs</b>     |                                                            |                     |         |
| 4.3.1                                         | MAINTAIN NATURAL DRAINAGE PATHWAYS AND HYDROLOGIC FEATURES |                     |         |
| 4.3.2                                         | CONSERVE NATURAL AREAS, SOILS, AND VEGETATION              |                     |         |
| 4.3.3                                         | MINIMIZE IMPERVIOUS AREA                                   |                     |         |
| 4.3.4                                         | MINIMIZE SOIL COMPACTION                                   |                     |         |
| 4.3.5                                         | IMPERVIOUS AREA DISPERSION                                 |                     |         |
| 4.3.6                                         | RUNOFF COLLECTION                                          |                     |         |
| 4.3.7                                         | LANDSCAPING WITH NATIVE OR DROUGHT TOLERANT SPECIES        |                     |         |
| 4.3.8                                         | HARVESTING AND USING PRECIPITATION                         |                     |         |
| <b>POST CONSTRUCTION SOURCE CONTROL BMPs</b>  |                                                            |                     |         |
| 4.2.1                                         | PREVENTION OF ILLICIT DISCHARGES INTO THE MS4              |                     |         |
| 4.2.2                                         | STORM DRAIN STENCILING AND POSTING OF SIGNAGE              |                     |         |
| 4.2.3                                         | PROTECTED OUTDOOR MATERIALS STORAGE AREAS                  |                     |         |
| 4.2.4                                         | PROTECT MATERIALS STORED IN OUTDOOR WORK AREAS             |                     |         |
| 4.2.5                                         | PROTECT TRASH STORAGE AREAS                                |                     |         |
| 4.2.6                                         | ADDNL BMPs BASED ON POTENTIAL RUNOFF POLLUTANTS:           |                     |         |
| A                                             | ON-SITE STORM DRAIN INLETS                                 |                     |         |
| B                                             | INTERIOR FLOOR DRAINS & ELEVATOR SHAFT SUMPS               |                     |         |
| C                                             | INTERIOR PARKING GARAGES                                   |                     |         |
| D                                             | NEED FOR FUTURE INDOOR & STR. PEST CONTROL                 |                     |         |
| E                                             | LANDSCAPE/OUTDOOR PESTICIDE USE                            |                     |         |
| F                                             | POOLS, SPAS, PONDS, FOUNTAINS, & WATER FEATURES            |                     |         |
| G                                             | FOOD SERVICE                                               |                     |         |
| H                                             | TRASH OR REFUSE AREAS                                      |                     |         |
| I                                             | INDUSTRIAL PROCESSES                                       |                     |         |
| J                                             | OUTDOOR STORAGE OF EQUIP. OR MATERIALS                     |                     |         |
| K                                             | VEHICLE AND EQUIPMENT CLEANING                             |                     |         |
| L                                             | VEHICLE/EQUIPMENT REPAIR AND MAINTENANCE                   |                     |         |
| M                                             | FUEL DISPENSING AREAS                                      |                     |         |
| N                                             | LOADING DOCKS                                              |                     |         |
| O                                             | FIRE SPRINKLER TEST WATER                                  |                     |         |
| P                                             | MISCELLANEOUS DRAIN OR WASH WATER                          |                     |         |
| Q                                             | PLAZAS, SIDEWALKS, DRIVEWAYS, AND PARKING LOTS             |                     |         |



The private engineer signing these plans is responsible for assuring the accuracy and acceptability of the design hereon. In the event of discrepancies arising after city acceptance or during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for acceptance by the city.

[illegible]

LAKE COUNTY  
APPROVED BY: \_\_\_\_\_ Date: \_\_\_\_\_  
COUNTY ENGINEER

SEAL:



REGISTERED PROFESSIONAL ENGINEER  
ANDREW J. KOLTAVSKY  
No. 26571  
Exp. 03/31/26  
CIVIL  
STATE OF CALIFORNIA

**A.J. Koltavary**  
**Civil Engineers**  
 24 Recodo, Irvine, CA 92620

PREPARED BY: ANDREW J. KOLTAVARY

R.C.E. No. 26571 EXP. 03/31/26

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SITE ELEVATIONS ARE ESTABLISHED FROM THE GPS DERIVED ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS "GEOID 12A" MODELED SEPARATIONS TO ELLIPSOID HEIGHTS DETERMINED BY OBSERVATIONS OF THE "LEICA SMARTNET" REAL TIME NETWORK. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD83, CALIFORNIA ZONE 2.

**SCALE:**  
H: As Noted      V: As Noted

US-CA-7280 CHEVIOT  
BMP/EROSION PLAN  
6720 LESLIE PL.  
LUCERNE, CA 95458

SHEET No.

4

OF 10 SHEETS

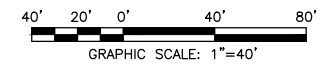
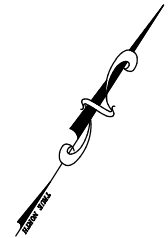


**NOTE**  
1. SURFACE CAPABLE OF SUPPORTING A 40,000 LB. VEHICLE WITH A MINIMUM OF 4" A.B., COMPACTED TO 95%, PLACED ON A SUBGRADE COMPACTED TO 90%

### PRIVATE DRIVEWAY CONSTRUCTION DETAILS

**CONSTRUCTION NOTES:**

- ①. OVEREXCAVATE EXISTING ACCESS ROAD. REMOVE AND REPLACE 12" OF SOIL. COMPACT TO 90% MIN.
- ②. CONSTRUCT 4" MIN. AGGREGATE BASE OVER RECOMPACTED SOIL.
- ③. CONSTRUCT 4" AC OVER 6" AB IN AREAS WHERE SLOPE EXCEEDS 16%.

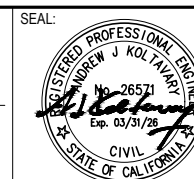


NOTE:  
WORK CONTAINED WITHIN THESE PLANS SHALL NOT COMMENCE UNTIL AN ENCROACHMENT PERMIT AND/OR A GRADING PERMIT HAS BEEN ISSUED.

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[illegible]

LAKE COUNTY  
APPROVED BY: \_\_\_\_\_ Date: \_\_\_\_\_  
COUNTY ENGINEER



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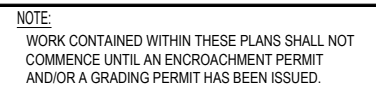
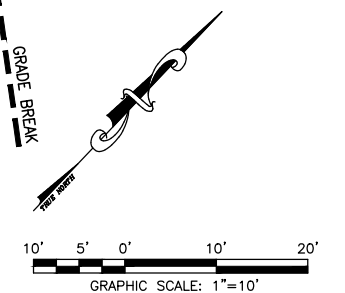
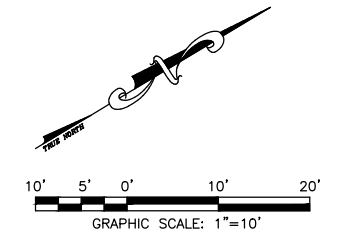
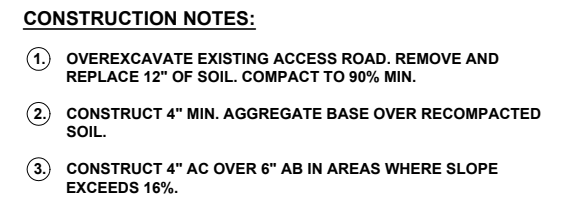
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PRIVATE ACCESS ROAD 1  
6720 LESLIE PL.  
LUCERNE, CA 95458

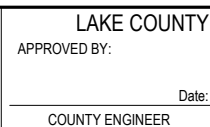
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5





|          |    |      |
|----------|----|------|
| MARK     | BY | DATE |
| ENGINEER |    |      |

|       |      |
|-------|------|
| APPR. | DATE |
| CITY  |      |



**A.J. Koltavary**  
**Civil Engineers**  
 24 Recodo, Irvine, CA 92620

Prepared by: Andrew J. Koltavary

R.C.E. No. 26571      EXP. 03/31/26

US-CA-7280 CHEVIOT  
PRIVATE ACCESS ROAD 2  
6720 LESLIE PL.  
LUCERNE, CA 95458

SHEET No.  
6  
0 SHEETS





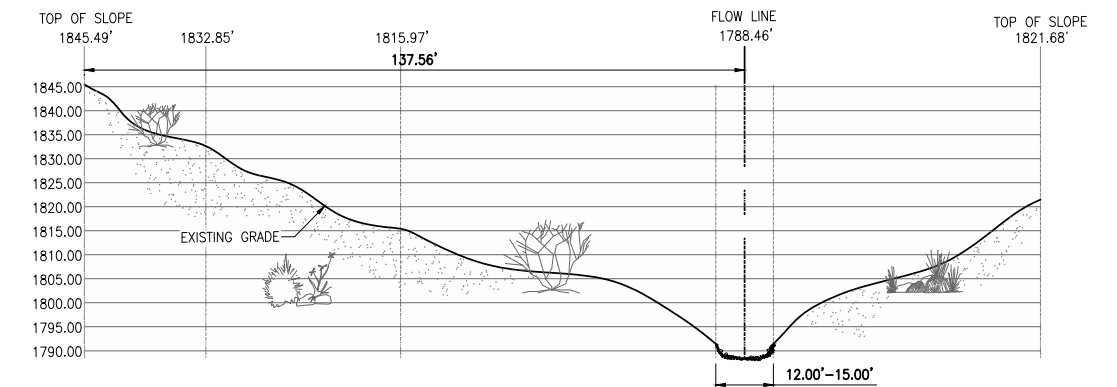










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DAYS BEFORE  
YOU DIG**

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UNDERGROUND SERVICE ALERT**

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