# Nevada Department of Transportation

# Stormwater Management Program

# Facility Pollution Prevention Plan

# Major and Minor Maintenance Facilities

March, 2016

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# Introduction

The Nevada Department of Transportation (NDOT) was issued a Municipal Separate Storm Sewer Systems (MS4) Permit NV0023329 (Permit) from the Nevada Division of Environmental Protection (NDEP) as authorized by the Environmental Protection Agency (EPA). The Permit authorizes NDOT to discharge municipal stormwater runoff (and specific non-stormwater discharges) to waters of the United States under the National Pollutant Discharge Elimination System in compliance with the provisions of the Clean Water Act, as amended (33 U.S.C. 1251 et. Seq.), except as provided in Part 1.C of the Permit, and Chapter 445A of the Nevada Revised Statutes.

The Permit covers state and interstate highways and their right-of-ways within the jurisdictional boundary of NDOT, including Maintenance facilities (refer to NDOT's Statewide District Map in Appendix D).

## Plan Development

Section III.S.1. of the Permit states *"NDOT shall prepare [Stormwater Pollution Prevention Plans or SWPPPs] for all its maintenance facilities. Because these facilities are considered municipal rather than industrial activities, these SWPPPs shall have BMP programs that reduce pollutants to the MEP."*

Maintenance facility SWPPPs may also be referred to as "Runoff Control Plans" or "Facility Pollution Prevention Plans." For consistency purposes, NDOT is referring to these plans as Facility Pollution Prevention Plans (FPPPs).

Previously, NDOT developed separate FPPPs for each Major Maintenance facility, with one umbrella FPPP for the Minor-A and Minor-B facilities, respectively. With the exception of site maps and site specific information, document content was virtually identical for all FPPPs. This was a direct reflection of the consistencies observed with the basic operations conducted at the various Maintenance stations statewide. However, in an effort to facilitate document updates, eliminate redundancy, and provide relevant information more readily, one FPPP has been developed addressing all facility types, including facility specific considerations as appropriate. Detailed site maps for each Major facility as well as general area maps for all Minor facilities are provided in Appendices A-C. A Maintenance District Map depicting NDOT district boundaries and the location of all Maintenance stations throughout the state is provided in Appendix D.

## Plan Objectives

The primary objective of the FPPP is to prevent (or reduce to the maximum extent practicable) stormwater pollutant discharges into receiving waterways from NDOT Maintenance facilities. Key elements in meeting this objective are:

1. Understanding Maintenance facility operations and their potential for contributing pollutants to stormwater runoff.
2. The development and implementation of best management practices (BMPs) for Maintenance facility operations.

3. Conducting routine facility stormwater inspections to ensure BMPs are appropriate and implemented consistently.
4. The identification of stormwater conveyances within the facilities and understanding where they discharge to.
5. Employee training.

## Maintenance Facility Designation

Maintenance facilities fall within one of the three designations:

1. Major Facility: Maintenance stations that accommodate multiple crews and serve as a location for equipment repairs beyond routine maintenance.
2. Minor-A Facility: Maintenance stations that do not accommodate multiple crews and do not conduct equipment repairs beyond routine maintenance. Maintenance yards, which are typically offsite and serve as ancillary material and/or equipment storage areas for nearby Maintenance stations, are also included in this designation[1].
3. Minor-B Facility: Material storage/stockpile areas[2] located offsite of a Maintenance station or yard, e.g. stand-alone sand/salt piles located throughout the State.

# Administration

## Stormwater Division

The Stormwater Division is responsible for the development and subsequent maintenance of the FPPP document, as well as assisting with the development of internal policy and procedure necessary to ensure FPPP and Permit compliance.

The Stormwater Division is also tasked with performing and documenting one annual stormwater inspection at all Major and Minor facilities, including the submittal of an inter-Department memo to the appropriate FPPP Administrator(s) within 7 calendar days of the inspection summarizing discrepancies and non-compliance findings, along with recommendations for appropriate corrective action.

## Plan Administrators

FPPP Administrators are tasked with overseeing the day-to-day implementation of the FPPP and serve as the primary point of contact with the Stormwater Division. Administrators for Major facilities are designated by their respective District management; a list of these Administrators are provided in Table A-1 in Appendix A. Administrators for Minor-A and Minor-B facilities are the respective facilities' Maintenance Crew Supervisor I.

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[1] NDOT's Rock Blvd. facility has been excluded from FPPP coverage. The facility consists of a small pump house and an indoor equipment storage building. The facility is not permanently staffed, is rarely utilized, and does not pose a significant threat to water quality.

[2] Chip piles were not included due to their transitory nature and insignificant potential as a stormwater pollutant of concern.

FPPP Administrator responsibilities include the following:

- Performing and documenting self-stormwater inspections. Inspections shall be documented on the appropriate stormwater inspection form (Appendix F). Copies of all self-inspection forms as well as documentation demonstrating appropriate corrective action(s) taken to address noted deficiencies shall be housed at the appropriate District Maintenance station and within the Stormwater Division. Self-inspection frequencies are as follows:

    - Major Facility: Quarterly (i.e. once every 4 months)
    - Minor-A Facility: Biannual (i.e. once every 6 months)
    - Minor-B Facility: Annual

    Informal, i.e. non-documented, facility "walkthroughs" shall be conducted by FPPP Administrators, or a designated representative, on a routine basis, providing opportunities to assess BMP implementation and address potential stormwater concerns on a more frequent basis. It is recommended that walkthroughs be performed daily at Major Maintenance facilities if possible.

- Submitting written documentation to the appropriate District Stormwater Division personnel describing appropriate corrective action taken for deficiencies and non-compliance findings noted in the annual stormwater inspections conducted by Stormwater Division personnel, and the self-stormwater inspections performed at the Major and Minor Maintenance facilities. FPPP Administrators shall submit this compliance documentation to the appropriate District Stormwater Division personnel within the following time frames:

    - 14 calendar days of the date of the inter-Department memo submitted by the Stormwater Division following their annual stormwater inspection (as described above).

    - 21 calendar days of the date the self-stormwater inspections were performed.

- Ensuring that information pertaining to the following maintenance activities[3] is documented and submitted to the Stormwater Division on an annual basis:

    - Stormwater hydraulic facility cleanout (e.g. drop inlets, manufactured stormwater treatment devices[4], etc.)
        - Date(s) cleanout was performed
        - Estimated volume of solid materials, e.g. sediment, collected ($yd^3$)
        - Facility ID number (if applicable)

[3] This pertains to activities conducted by NDOT Maintenance Crews and their contractors.
[4] Including, but not limited to, sand/oil interceptors, "Jellyfish," etc.

At this time, the submittal of records associated with the cleanout of facilities that discharge to a sanitary sewer system are not required[5]. These include interior floor drains, equipment wash pad sand/oil interceptors, etc.

- Facility sweeping
  - Date(s) mechanical sweeping was performed
  - Estimated volume ($yd^3$) of material collected

- Costs associated with the purchase of temporary pollution control measures, e.g. silt fence, sediment logs, gravel bags, etc.

- Documenting and reporting all spill reporting incidents, including illicit discharges into the storm drain system. This includes the submittal of a Spill Report to NDEP and notifying the Stormwater Division and Environmental Services Division-Hazardous Materials Section.

- Providing a summary of all FPPP compliance activities conducted during the previous state fiscal year to the appropriate District Stormwater Division personnel by August 1 of each year.

## Document Updates

The FPPP is considered a 'living document;" consequently the FPPP will undergo changes resulting from various circumstances, which could include the following:

- Discrepancies identified during facility stormwater inspections that require a modification to internal policy or procedure.
- Notification from a local, state, or federal official indicating the occurrence of a non-compliance activity requiring modification of an existing or development of a new BMP.
- Physical modifications to a facility requiring changes to a site map, e.g. installation of a manufactured stormwater treatment device.
- Changes in regulatory requirements.
- A change in a facility designation, e.g. Minor facility becoming a Major facility.
- Significant changes in site specific BMPs.

Changes to the FPPP shall be described in the Permit's Annual Report to NDEP.

## Document Access

Sections III.S.3.g and III.S.3.h of the Permit state that *"copies of the "major" [FPPPs] shall be kept on the facility site and on file with NDOT's main office"* and *"copies of the "minor" [FPPPs] shall be kept on file with the Regional District Office,"* respectively. Consequently, copies of the FPPP shall be housed at all Maintenance stations and within the Stormwater Division at NDOT's Headquarters in Carson City.

[5] Record keeping associated with the maintenance of sanitary sewer facilities may be a requirement for other regulatory programs, e.g. Underground Injection Control (UIC).

# Facility Stormwater Pollutant Potential Ratings

Section III.S.3.d.v of the Permit states that the [FPPPs] for Major and Minor facilities shall provide *"A description of potential pollutant sources, including an evaluation of that potential."*

The "stormwater pollutant potential rating" is a straightforward, qualitative evaluation of the potential pollutant contribution to stormwater runoff for a given Maintenance operation/activity. The rating is based upon typical, average conditions observed at NDOT's Maintenance facilities over time. Considerations that went into the ranking were pollutant source quantities, area occupied by the pollutant source, location of pollutant source in relation to stormwater conveyances, and the relative frequency the pollutant source has been observed over time.

Ratings of *N/A*[6], *very low*, *low*, *moderate*, or *high* were given with respect to a particular operation as it relates to each facility designation.

## Distributor Truck Cleaning

**Potential Pollutants of Concern:** *Solvents and liquid asphalt/asphalt emulsion*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Low to Moderate
- Minor-A Facility: Very Low
- Minor-B Facility: N/A

## Equipment Downline Areas[7]

**Potential Pollutants of Concern:** *Petroleum fluids (e.g. fuel, engine oil, transmission fluid, hydraulic fluid, etc.), antifreeze, anti/de-icing fluids, sand/salt, etc.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: High
- Minor-A Facility: Low
- Minor-B Facility: N/A

## Equipment Fueling Areas

**Potential Pollutants of Concern:** *Fuel (diesel, biodiesel, and gasoline)*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Moderate to High
- Minor-A Facility: Moderate

[6] Activity is not known to be conducted at any facility under its respective facility designation category.
[7] Parking areas within a Maintenance facility that are designated for vehicles and equipment awaiting repair.

- Minor-B Facility: N/A

## Equipment Maintenance

**Potential Pollutant Potential Rating:**

- Major Facility: Moderate
- Minor-A Facility: Low
- Minor-B Facility: N/A

## Equipment Painting

**Potential Pollutants of Concern:** *Paint, sand blasting materials, and waste water.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Very Low
- Minor-A Facility: N/A
- Minor-B Facility: N/A

## Equipment Steam Cleaning

**Potential Pollutants of Concern:** *Petroleum fluids (e.g. fuel, engine oil, transmission fluid, hydraulic fluid, etc.), antifreeze, anti/de-icing fluids, sand/salt.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Low
- Minor-A Facility: N/A
- Minor-B Facility: N/A

## Equipment Storage and Parking

**Potential Pollutants of Concern:** *Petroleum fluids (e.g. fuel, engine oil, transmission fluid, hydraulic fluid, etc.), antifreeze, anti/de-icing fluids, sand/salt, etc.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Moderate to High
- Minor-A Facility: Moderate
- Minor-B Facility: Very Low

## Equipment Washing

**Potential Pollutants of Concern:** *Petroleum fluids (e.g. fuel, engine oil, transmission fluid, hydraulic fluid, etc.), antifreeze, anti/de-icing fluids, sand/salt.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Moderate
- Minor-A Facility: Low
- Minor-B Facility: N/A

## Field Testing Labs

**Potential Pollutants of Concern:** *Sediment, concrete aggregates, plantmix aggregates, stock solution (e.g. formaldehyde, calcium chloride, USP glycerin, glutaraldehyde, Kathon™ CG/ICP).*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Low
- Minor-A Facility: Low
- Minor-B Facility: N/A

## Garbage/Debris Storage Areas[8]

**Potential Pollutants of Concern:** *Litter, metals, wood, and various materials.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Moderate
- Minor-A Facility: Moderate
- Minor-B Facility: N/A

## Liquid Anti/De-Icing Agents

**Potential Pollutants of Concern:** *Brine (sodium chloride) and magnesium chloride.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Moderate
- Minor-A Facility: Moderate
- Minor-B Facility: N/A

## Litter

**Potential Pollutants of Concern:** *Various materials (e.g. paper, plastic bottles, cigarette butts, aluminum cans, etc.).*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Low to Moderate
- Minor-A Facility: Low to Moderate
- Minor-B Facility: Low

[8] This category includes areas designated for the temporary storage of materials collected from roadside cleanup activities.

## Material Storage/Stockpile Areas

**Potential Pollutants of Concern:** *Sediment, sand/salt, salt, metals, aggregates, plantmix aggregates, wood, tires, and various materials.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Moderate to High
- Minor-A Facility: Moderate to High
- Minor-B Facility: Moderate to High

## Paint Truck Cleaning

**Potential Pollutants of Concern:** *Paint and waste water.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Low
- Minor-A Facility: Low
- Minor-B Facility: N/A

## Pesticide and Fertilizers

**Potential Pollutants of Concern:** *Various chemicals and nutrients.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Very Low to Low
- Minor-A Facility: Very Low to Low
- Minor-B Facility: N/A

## Spent Light Bulbs

**Potential Pollutants of Concern:** *Mercury, metals, and glass.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Very Low
- Minor-A Facility: Very Low
- Minor-B Facility: N/A

## Striping Paint

**Potential Pollutants of Concern:** *Water-borne acrylic/latex paint and glass beads.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Low
- Minor-A Facility: Low

- Minor-B Facility: N/A

## Used Batteries

**Potential Pollutants of Concern:** *Metals and acids.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Low
- Minor-A Facility: Low
- Minor-B Facility: N/A

## Vactor Truck and Sweeper Spoils

**Potential Pollutants of Concern:** *Sediment, sand/salt, anti/de-icing fluids, organic materials, litter, debris, plantmix aggregates, concrete aggregates, metals, petroleum fluids (e.g. fuel, engine oil, transmission fluid, hydraulic fluid, etc.), antifreeze, and various materials.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Moderate
- Minor-A Facility: Low
- Minor-B Facility: Low

## Water Truck Emptying

**Potential Pollutants of Concern[9]:** *Petroleum fluids (e.g. fuel, engine oil, transmission fluid, hydraulic fluid, etc.), antifreeze, anti/de-icing fluids, sand/salt, sediment.*

**Stormwater Pollutant Potential Rating:**

- Major Facility: Low
- Minor-A Facility: Low
- Minor-B Facility: N/A

## Water Truck Filling

**Potential Pollutants of Concern[10]:** *Petroleum fluids (e.g. fuel, engine oil, transmission fluid, hydraulic fluid, etc.), antifreeze, anti/de-icing fluids, sand/salt, sediment.*

**Stormwater Pollutant Potential Rating:**

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[9] The potable water used wouldn't necessarily be considered a pollutant; however the various materials spilled and deposited on the ground surface that could be potentially discharged with the water would be the primary concern.

[10] The potable water used wouldn't necessarily be considered a pollutant; however the various materials spilled and deposited on the ground surface that could be potentially discharged with the water would be the primary concern.

- Major Facility: Very Low
- Minor-A Facility: Very Low
- Minor-B Facility: N/A

# Best Management Practices

## Maintenance Facility Stormwater Best Management Practices (BMPs) Manual

This guidance document covers acceptable stormwater pollution control practices for a variety of activities that commonly occur at NDOT's Maintenance facilities. A .pdf version of the manual is available for downloading from the Stormwater Division SharePoint site, providing a means for all FPPP Administrators to access. The manual will serve as the basis for implementing BMPs and for conducting facility stormwater inspections.

It can be expected that the manual does not cover BMPs for every activity as Maintenance personnel may perform site specific activities or be tasked to perform new activities. In these instances, NDOT's Stormwater Division will work with the appropriate Maintenance personnel to develop acceptable BMPs for the activities in question, which will then be considered for incorporation into future versions of the manual.

Feedback from Maintenance facility personnel is essential in ensuring the manual is current, relevant, and continues to be a useful resource for BMPs that are feasible and implementable. Some of the most effective BMPs listed in the manual were developed by Maintenance facility staff. The Stormwater Division welcomes any new ideas for possible inclusion in future versions of the manual.

The Stormwater Division will periodically review the document and incorporate changes as necessary.

## Mechanical Sweeping

Routine mechanical sweeping (including the use of mechanical brooms) of impervious surface areas within Maintenance facilities is considered one of the most effective means for reducing potential stormwater pollutant discharges, and thus will continue to be a BMP performed at all Major and Minor-A facilities with impervious surface areas.

Major facilities have developed their own frequencies for conducting sweeping activities (refer to the Various Site Requirements section below); however sweeping is to occur at least quarterly. Minor-A facilities are to perform sweeping at least once every 6 months. Most Minor-B facilities are unpaved with most residing in remote, un-urbanized areas of the State. Consequently, there are no sweeping requirements for Minor-B facilities; however should a stormwater inspection indicate a need for sweeping to occur (assuming a paved surface is present), arrangements should be made by the appropriate FPPP Administrator.

# Site Specific Requirements

## Major Facilities

### *Carson City*

| Best Management Practice | Frequency |
|---|---|
| Mechanical Sweeping | Monthly |
| General Waste Material Disposal | Twice Weekly |
| Scrap Metal Disposal | As Needed |
| Used Tire Disposal | As Needed |

### *Elko*

| Best Management Practice | Frequency |
|---|---|
| Mechanical Sweeping | Monthly |
| General Waste Material Disposal | Twice Weekly |
| Scrap Metal Disposal | Monthly |
| Used Tire Disposal | As Needed |

### *Ely*

| Best Management Practice | Frequency |
|---|---|
| Mechanical Sweeping | Quarterly |
| General Waste Material Disposal | Weekly |
| Scrap Metal Disposal | As Needed |
| Used Tire Disposal | As Needed |

### *Fallon*

| Best Management Practice | Frequency |
|---|---|
| Mechanical Sweeping | Monthly |
| General Waste Material Disposal | Weekly |
| Scrap Metal Disposal | As Needed |
| Used Tire Disposal | Weekly and/or When New Tires are Acquired |

### *Las Vegas North*

| Best Management Practice | Frequency |
|---|---|
| Mechanical Sweeping | Quarterly |
| General Waste Material Disposal | Weekly |
| Scrap Metal Disposal | Monthly |
| Used Tire Disposal | Monthly |

### *Las Vegas South*

| Best Management Practice | Frequency |
|---|---|
| Mechanical Sweeping | Monthly |
| General Waste Material Disposal | Weekly |
| Scrap Metal Disposal | Monthly |
| Used Tire Disposal | Monthly |

The Las Vegas South facility has been issued a Permit to Operate a Solid Waste Management Facility from the Southern Nevada Health District. Requirements of this permit are to be adhered to. A copy of the permit is provided in Appendix E.

### *Reno-Sparks*

| Best Management Practice | Frequency |
|---|---|
| Mechanical Sweeping | Monthly |
| General Waste Material Disposal | Weekly |
| Scrap Metal Disposal | As Needed |
| Used Tire Disposal | Daily/When New Tires are Acquired |

The Reno-Sparks Maintenance facility has been issued an Environmental Control Permit from the City of Sparks-Environmental Control Section, authorizing the discharge of wastewater and stormwater. Requirements of this permit are to be adhered to. A copy of the permit is provided in Appendix E.

### *Tonopah*

| Best Management Practice | Frequency |
|---|---|
| Mechanical Sweeping | Quarterly |
| General Waste Material Disposal | Weekly |
| Scrap Metal Disposal | Weekly |
| Used Tire Disposal | Weekly |

### *Wells*

| Best Management Practice | Frequency |
|---|---|
| Mechanical Sweeping | Monthly |
| General Waste Material Disposal | Twice Weekly or Monthly |
| Scrap Metal Disposal | As Needed |
| Used Tire Disposal | As Needed |

### *Winnemucca*

| Best Management Practice | Frequency |
|---|---|
| Mechanical Sweeping | Quarterly |
| General Waste Material Disposal | Weekly |
| Scrap Metal Disposal | As Needed |
| Used Tire Disposal | As Needed |

## Minor Facilities

### *Clear-Acre Yard*

This facility is located in District II within the Truckee Meadows area and utilized for material storage purposes. The Clear Acre Yard is relatively flat and pervious, providing for the on-site infiltration of stormwater runoff.

An unnamed spring flows through the very southern end of the yard and is perpetuated across Wedekind Rd. into an agricultural/residential area to the south. A vegetated buffer residing in the yard currently separates site operations from the spring area. Adequate separation, e.g. barrier rail or other appropriate berm or barrier, between the yard area and vegetated buffer is to be maintained to reduce the potential impacts to the spring area.

A segment of the Orr Ditch divides the yard nearly in half latitude-wise. The Orr Ditch, which conveys and distributes Truckee River water through the Truckee Meadows region primarily for agricultural purposes, is bermed and fenced[11], providing adequate separation from surrounding Maintenance activities. Adequate perimeter control measures such as the berm and fence are to be maintained to ensure stormwater runoff from the yard does not discharge into the ditch.

### *Flamingo Yard*

This facility is located in District I (Las Vegas Sub-District) in Las Vegas and used primarily for material storage purposes, including the temporary storage of roadside waste materials. The site lies beneath the I-15 freeway, resulting in little to no expose to direct precipitation and off-site stormwater run-on. Barriers have been installed along the eastern end of the temporary waste holding areas, preventing the spillage of materials into the adjacent I-515/SR-592 interchange gore area, which could potentially discharge into the Las Vegas Valley MS4 via the storm drainage system constructed within the gore area. Maintenance staff are to ensure that the barriers remain in place and are adequately maintained. Holding times for the waste materials shall be minimized to the extent practical.

### *Incline Village Maintenance Station*

This facility is located in District II in Incline Village area within the Lake Tahoe Basin. A stormwater decant facility (owned and operated by the Incline Village General Improvement District (IVGID)) was constructed at the maintenance station providing a means for stormwater disposal by NDOT, Washoe County, and IVGID. NDOT has documented approval from IVGID to utilize the facility for stormwater disposal purposes (Appendix G).

In an effort to reduce the amount of ancillary material, i.e. sediment, discharged into the sanitary sewer system with the disposal of stormwater, NDOT is to ensure that stormwater treatment BMPs installed at the facility, i.e. storm drain inlet protection measures and sand/oil interceptors, are routinely inspected and properly maintained while stormwater disposal operations are being performed. Large quantities of

[11] The Orr Ditch and Extensions Water Company may have to be notified should the berm and fence require maintenance.

sediment discharged into the sanitary sewer system my "overwhelm" and negatively impact IVGID's water treatment plant.

### *Smart Yard*

This facility is located in District II in Fallon and is utilized for material and various equipment storage purposes.

The site is relatively flat and graded in a fashion that facilitates onsite infiltration of stormwater runoff. Maintenance staff are to ensure that the existing earthen berm constructed along the south and west perimeter of the facility is maintained. This berm prevents stormwater runoff from discharging into the "L Drain," an adjacent irrigation ditch that conveys water from the Carson River for agricultural use and eventually terminates into nearby Carson Lake.

### *Spooner East Yard*

This facility is located in District II, west of Carson City, and is used primarily for material storage purposes. A lined decant basin has been constructed to temporarily store material, i.e. sediment and stormwater, collected from stormwater facilities within the Lake Tahoe Basin as part of routine maintenance activities prior to transport to an offsite disposal area. Although the culvert allowing water to discharge from the facility has been completely removed, Maintenance is to conduct operations in a fashion that prevents the discharge of any material from the decant basin into NDOT's MS4 (i.e. US-50 storm drainage system) adjacent to the facility.

## Illicit Discharge Detection and Elimination

As defined in 40 CFR§122.26(b)(2) and per NDOT's Illicit Discharge Detection and Elimination (IDDE) Program, an illicit discharge refers to any discharge to a waterway (including municipal storm sewer systems) that is not entirely composed of stormwater. However, the following non-stormwater discharges are considered non-illicit provided NDOT and/or NDEP does not determine them to be substantial contributors of pollutants to NDOT's MS4:

- Potable water line flushing during testing or fire hydrant testing
- Diverted stream flows not requiring a separate permit
- Springs or rising ground waters
- Uncontaminated groundwater infiltration (defined as water other than wastewater that enters an MS4, including sewer service connections and foundation drains, from the ground through such means as defective pipes, pipe joints, connections, or manholes. Infiltration does not include, and is distinguished from, inflow)
- Discharges from potable water sources not requiring a separate permit
- Residential foundation and/or footing drains
- Air conditioning condensate
- Irrigation water from lawns and landscaping
- Water from residential crawl space pumps
- Flow from natural riparian habitats and wetlands not requiring a separate permit
- De-chlorinated swimming pool discharges

- Individual residential car washing
- Water incidental to street sweeping (including associated sidewalks and medians) that is not associated with construction activities
- Discharges or flows from firefighting activities
- Dewatering activities not requiring a separate permit
- Non-stormwater discharges currently covered under a separate NPDES permit

All illicit discharge instances are to be documented and immediately reported to the Stormwater Division to ensure appropriate response measures, i.e. investigation, cleanup, etc., are taken. All illicit discharges shall be immediately responded to in an effort to eliminate the discharge in question and minimize impacts to receiving waterways. Further information can be found in NDOT's Illicit Discharge Detection and Elimination Program and NDOT's Stormwater Management Program website.

## Spill Reporting

A release can be described as any pollutant, hazardous waste or contaminant that has been spilled, leaked, pumped, poured, emitted, emptied, discharged, injected, escaped, leached, dumped, or disposed in the environment.

Reportable quantities of a release shall be reported to NDEP via the Spill Reporting Hotline (1-888-331-6337). The reportable quantity for petroleum products, e.g. fuel, hydraulic fluid, etc., is 25 gallons or 3 $yd^3$ of contaminated material (e.g. soil), or the presence of the release on or near groundwater. A spill of any quantity that impacts a waterway must be reported to NDEP, regardless of the quantity.

Reportable releases shall be cleaned up under the direction of a Certified Environmental Manager and NDOT's Hazardous Materials Section (775-888-7013). Maintenance facility personnel shall immediately respond to any spill in an effort to minimize impacts to the environment and expedite cleanup efforts.

The Stormwater Division and Hazardous Materials Section shall be notified of all reportable releases at any Maintenance facility.

## Training

Per Section III.F. of the Permit, "*NDOT shall provide specific stormwater training to educate personnel who are directly involved in activities that may impact stormwater quality or that may generate or manage non-stormwater discharges.*" NDOT's Stormwater Division has developed a stormwater training program that includes training for Maintenance facility personnel. Training curriculum includes an overview of NDOT's stormwater management program, acceptable BMPs specific to Maintenance facilities, and illicit discharge detection and elimination.

Appropriate District, Maintenance, and Equipment personnel shall complete the required stormwater training course(s) within 12 months of hire with a refresher every 3 years afterwards. Stormwater trainings are offered in each District on an annual basis. The development and subsequent updating of stormwater training course curriculum is the responsibility of the Stormwater Division. Training records are housed within the Stormwater Division.

# Appendices

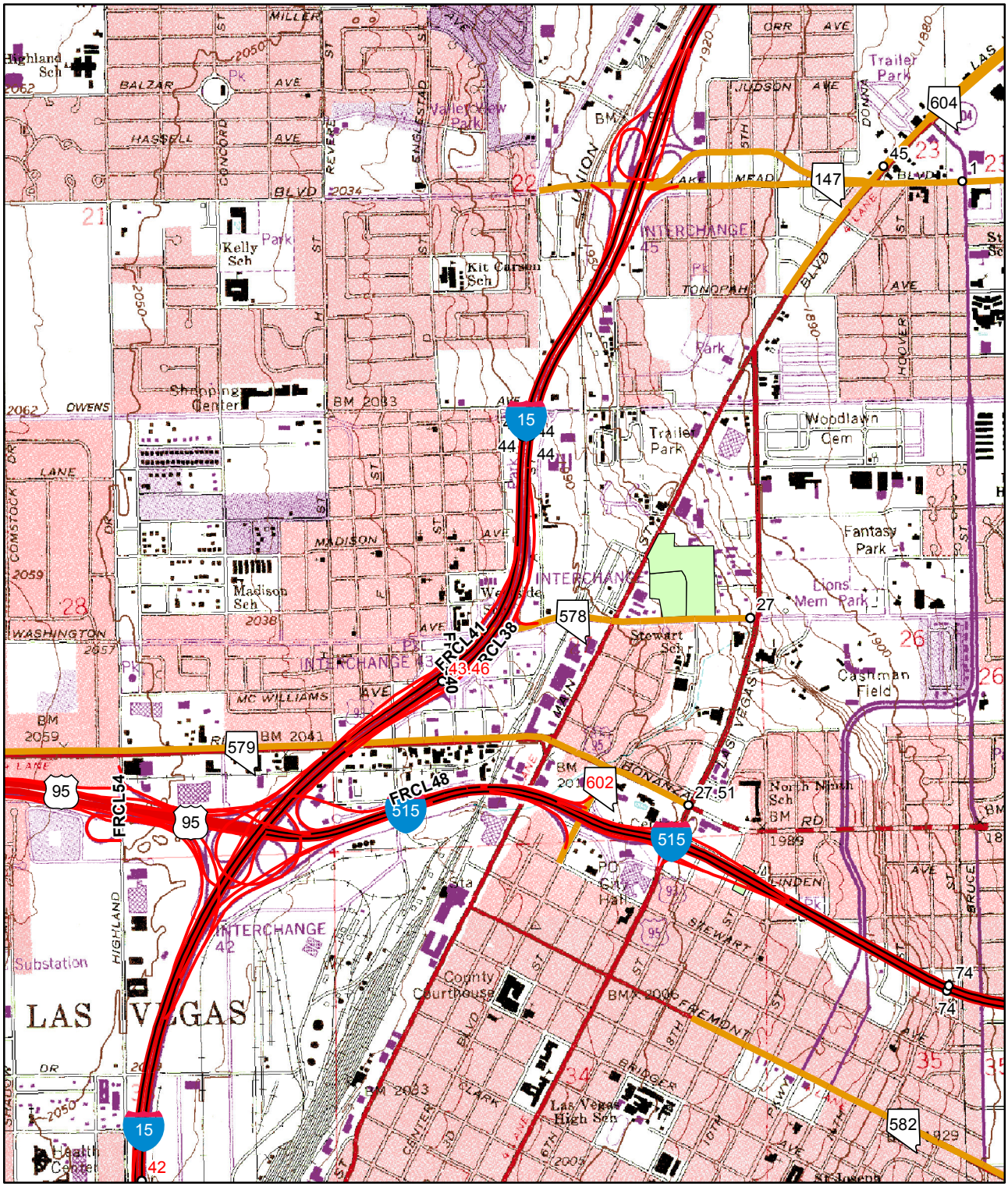
# Appendix A

## Major Maintenance Facility Listing and Associated Area Maps

Table A-1. Major Maintenance facility listing and associated FPPP Administrators.

| Major Facility | District | Address/Route | County | Milepost | Latitude | Longitude | Facility Size (Acres) | Drainage Basin | Receiving Waterway | Discharges to Waters of the U.S. | Administrator(s) | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Las Vegas-North Station | 1 | 123 E. Washington Ave., Las Vegas, NV 89101 | CL | ----- | 36°10' 53.772" | -115°8' 11.602" | 11.0 | Colorado River | Las Vegas Valley MS4 | Yes | Neil Nelson, Maintenance Supervisor II, C | Off-System; Surface Water Connection to the Las Vegas Wash |
| Las Vegas-South Station | 1 | 6610 Ullom Dr., Las Vegas, NV 89188 | CL | ----- | 36°4' 10.532" | -115°12' 10.924" | 11.5 | Colorado River | Las Vegas Valley MS4 | Yes | Neil Nelson, Maintenance Supervisor II, C | Off-System; Surface Water Connection to the Las Vegas Wash |
| Tonopah Station | 1 | US-6 | NY | 1.8 | 38°3' 44.161" | -117°13' 25.026" | 8.5 | Central Region | NDOT MS4 | No | Kevin Strozzi, Maintenance Supervisor II, C104<br>Alisha Brown, Equipment Operator Instructor, C104 | ----- |
| Carson City Station | 2 | 1250 Oregon St., Carson City, NV 89712 | CC | ----- | 39°9' 17.786" | -119°45' 44.207" | 17.8 | Carson River | Carson City MS4 | Yes | John Duke, Maintenance Supervisor II, C201<br>Wayne Miller, Equipment Mechanic Supervisor II, C767 | Off-System; Surface Water Connection to Linear Ditch |
| Fallon Station | 2 | 888 Harrigan Rd., Fallon, NV 89406 | CH | ----- | 39°27' 59.168" | -118°45' 47.714" | 5.4 | Carson River | New River Drain | No | Paul Harmon, Maintenance Manager, C201 | ----- |
| Reno-Sparks Station | 2 | 310 Galletti Wy., Sparks, NV 89431 | WA | ----- | 39°31' 58.260" | -119°46' 57.728" | 22.6 | Truckee River | Truckee River and City of Sparks MS4 | Yes | Troy Hammond, Supervisor II, C201 | Off-System |
| Elko Station | 3 | 1951 Idaho St., Elko, NV 89801 | EL | ----- | 40°50' 46.557" | -115°45' 1.012" | 15.7 | Humboldt River | Elko MS4 | Yes | David Brown, Maintenance Manager, C301<br>Jim Hylton, Maintenance Supervisor II, C301 | Off-System; Surface Water Connection to the Humboldt River |
| Ely Station | 3 | 1401 E. Aultman, Ely, NV 89301 | WP | ----- | 39°15' 30.213" | -114°51' 42.514" | 5.5 | Central Region | None | No | Tom Pearson, Maintenance Manager, C307<br>Eric Trujillo, Maintenance Supervisor II, C307 Janet Van Camp, Equipment Operator Instructor, C307 | Off-System |
| Wells Station | 3 | SR-223 | EL | 74.9 | 41°6' 6.752" | -114°54' 20.461" | 5.2 | Humboldt River | None | No | Renee Duffy, Maintenance Supervisor II, C301<br>Willy Whitaker, Maintenance Supervisor I, C332 | ----- |
| Winnemucca Station | 3 | 725 W. 4th St., Winnemucca, NV 89445 | HU | ----- | 40°58' 1.425" | -117°44' 25.533" | 7.0 | Humboldt River | City of Winnemucca MS4 | Yes | Brittany Barto, Staff I Associate Engineer, C036 | Off-System |

# North Las Vegas Maintenance Station
# General Location Map




0 0.1250.25 0.5 0.75 1 Miles

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The "green" shaded area represents the Maintenance Facility's property layout.

# North Las Vegas
# Maintenance Station Map

**Maintenance Facility Site Map Legend**

Numerical values represented below identify various operational areas of interest within the facility.

1. Sand/Salt Spreader Racks
2. Scrap Metal Bin
3. Material Storage
4. Trash Compactor
5. Waste Material Storage
6. Flat Bed Trailer Storage
7. Stockpiled Landscape Materials
8. Maintenance Storage
9. Materials Testing Lab
10. Maintenance Storage
11. Maintenance Offices
12. Radio Shop
13. Equipment Repair
14. Equipment “Down Line”
15. Pesticide Storage
16. Tire Shop
17. Storage Pod
18. Stockroom
19. Motor Pool
20. Wash Pad
21. Equipment Storage
22. Paint Shop
23. Lighting Shop
24. Offices
25. Crew Rooms
26. Bio Diesel Tank

27.Fueling Area

28.Fuel Station Office

29.Vehicle Storage

30.Wash Pad

31.Steam Cleaning Pad

32.Progress Lab

33.Field Testing Labs

34.Public Information

35.Right-Of-Way Office

36.Training

37.Assistant District Engineer

38.District Engineer

39.Administration

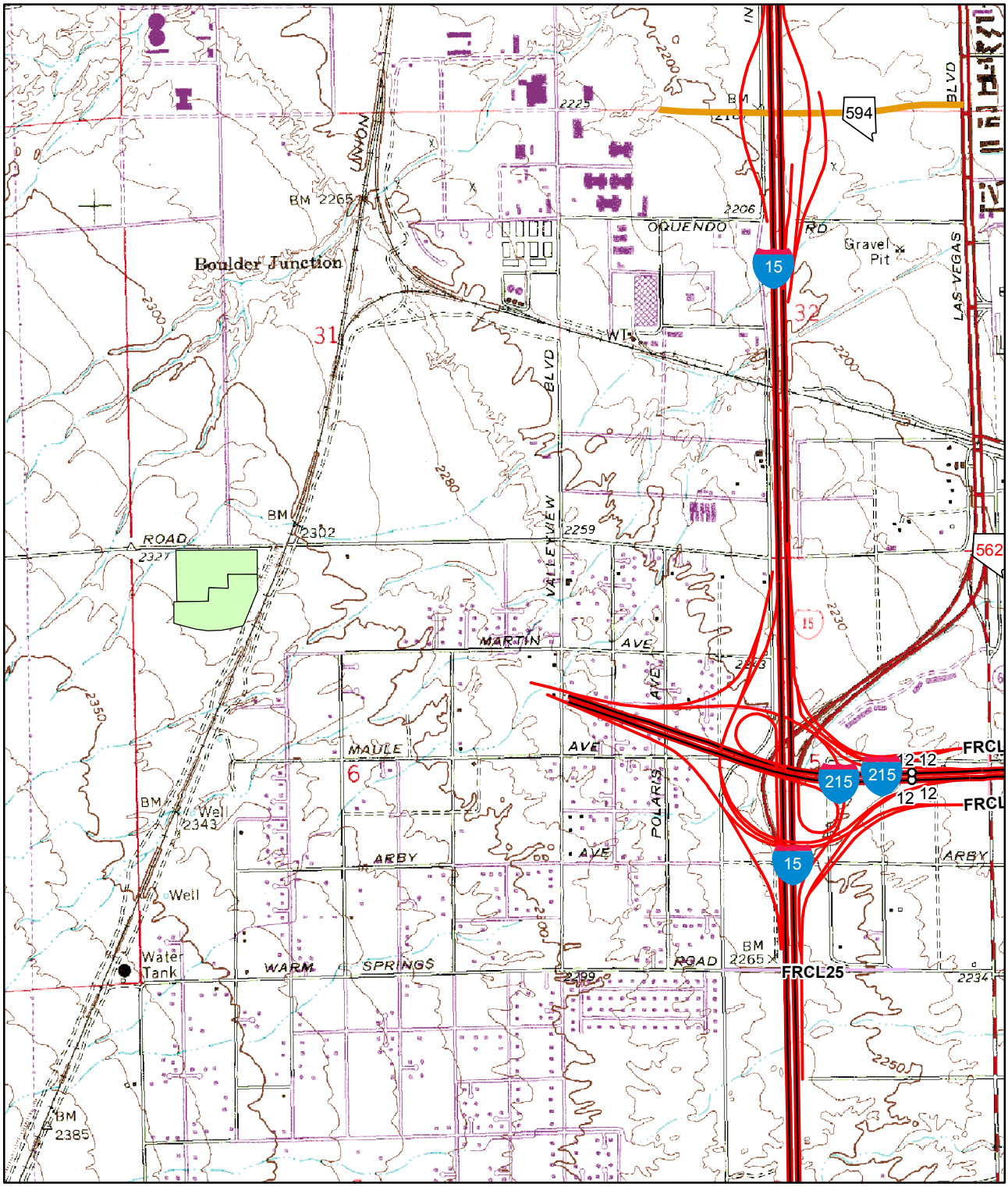
40.Computer Services

41.Field Crew Offices

42.Employee Parking

43.Environmental Services Division

# South Las Vegas Maintenance Station
# General Location Map




0 0.1250.25 0.5 0.75 1 Miles

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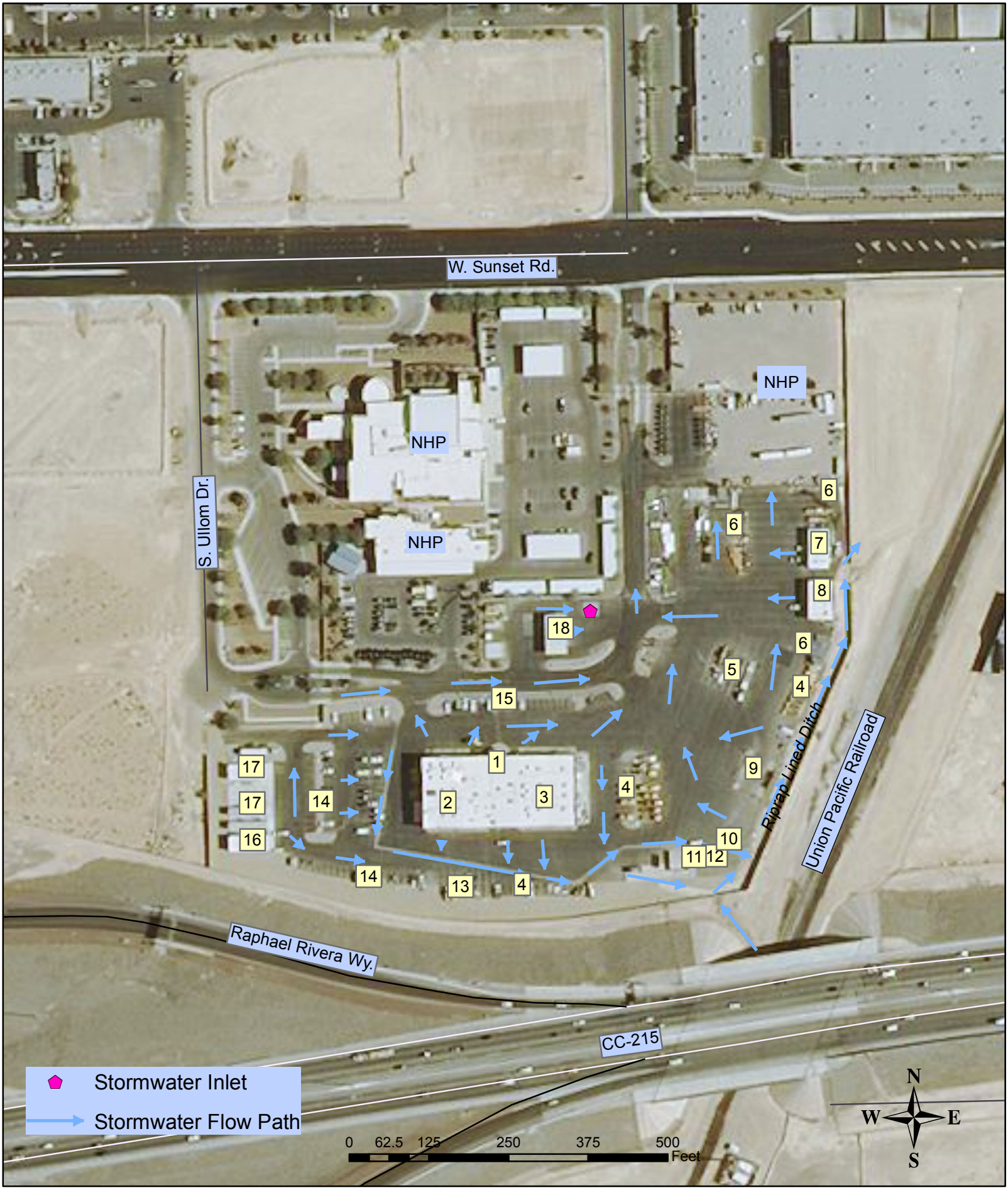
The "green" shaded area represents the Maintenance Facility's property layout.

# South Las Vegas
# Maintenance Station Map

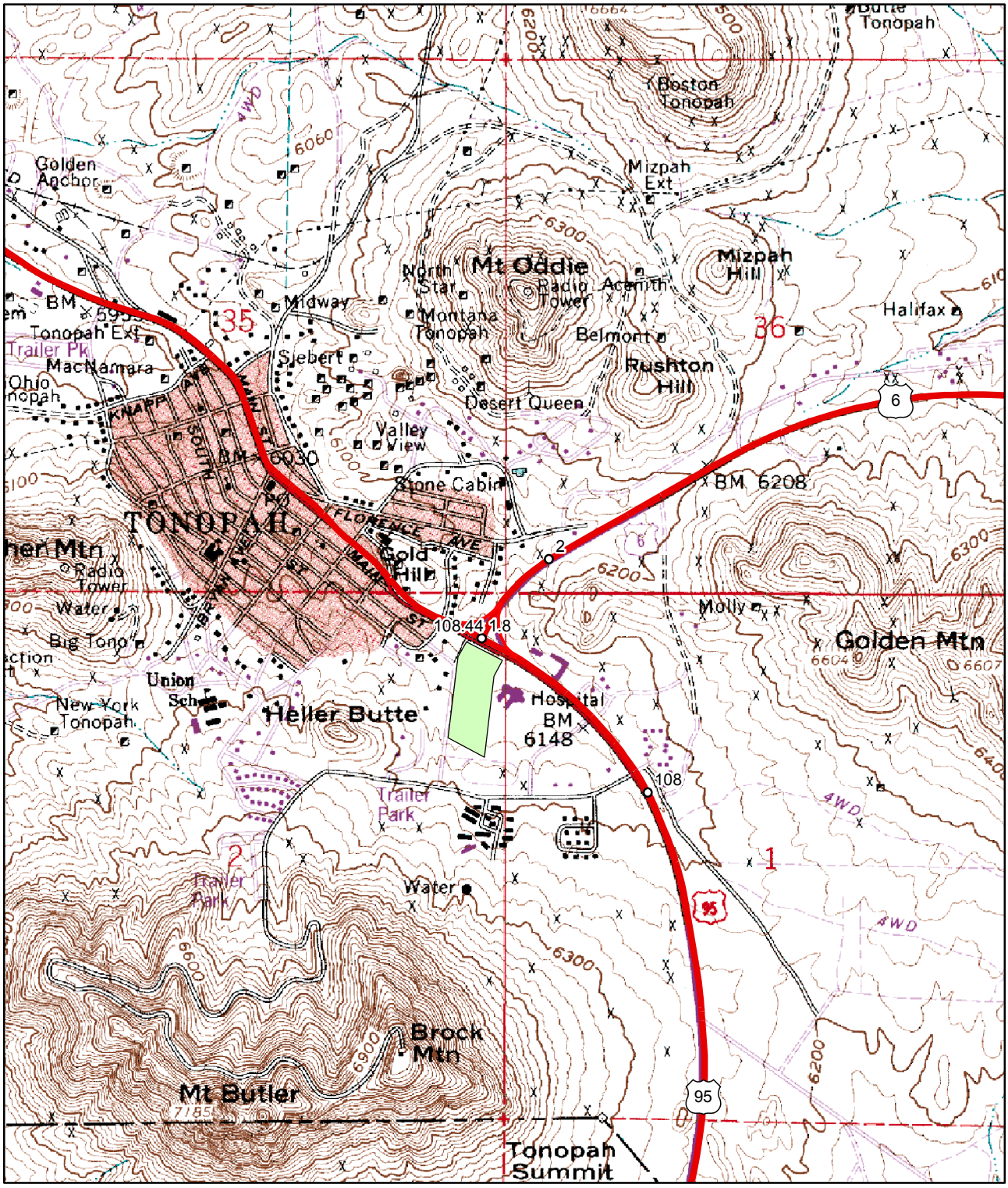


## Maintenance Facility Site Map Legend

Numerical values represented below identify various operational areas of interest designated on the facility site map(s).

1. Administrative Offices
2. Equipment Repair Shop
3. Maintenance Storage
4. Maintenance Vehicle Parking
5. Vehicle/Equipment Storage
6. Materials Storage
7. Lighting Materials & Crew Office
8. Paint Storage & Crew Office
9. Wash Pad
10. Scrap Metal Bin
11. Tires Recycling Bin
12. Temporary Sweeping Spoils/Roadside Debris Storage
13. Equipment/Vehicle “Down Line”
14. Employee Parking
15. Employee/Visitor Parking
16. Maintenance Office Trailer
17. Various Office Trailers
18. Fueling Area

# Tonopah Maintenance Station
# General Location Map




0 0.1 0.2 0.4 0.6 0.8 Miles

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The "green" shaded area represents the Maintenance Facility's property layout.

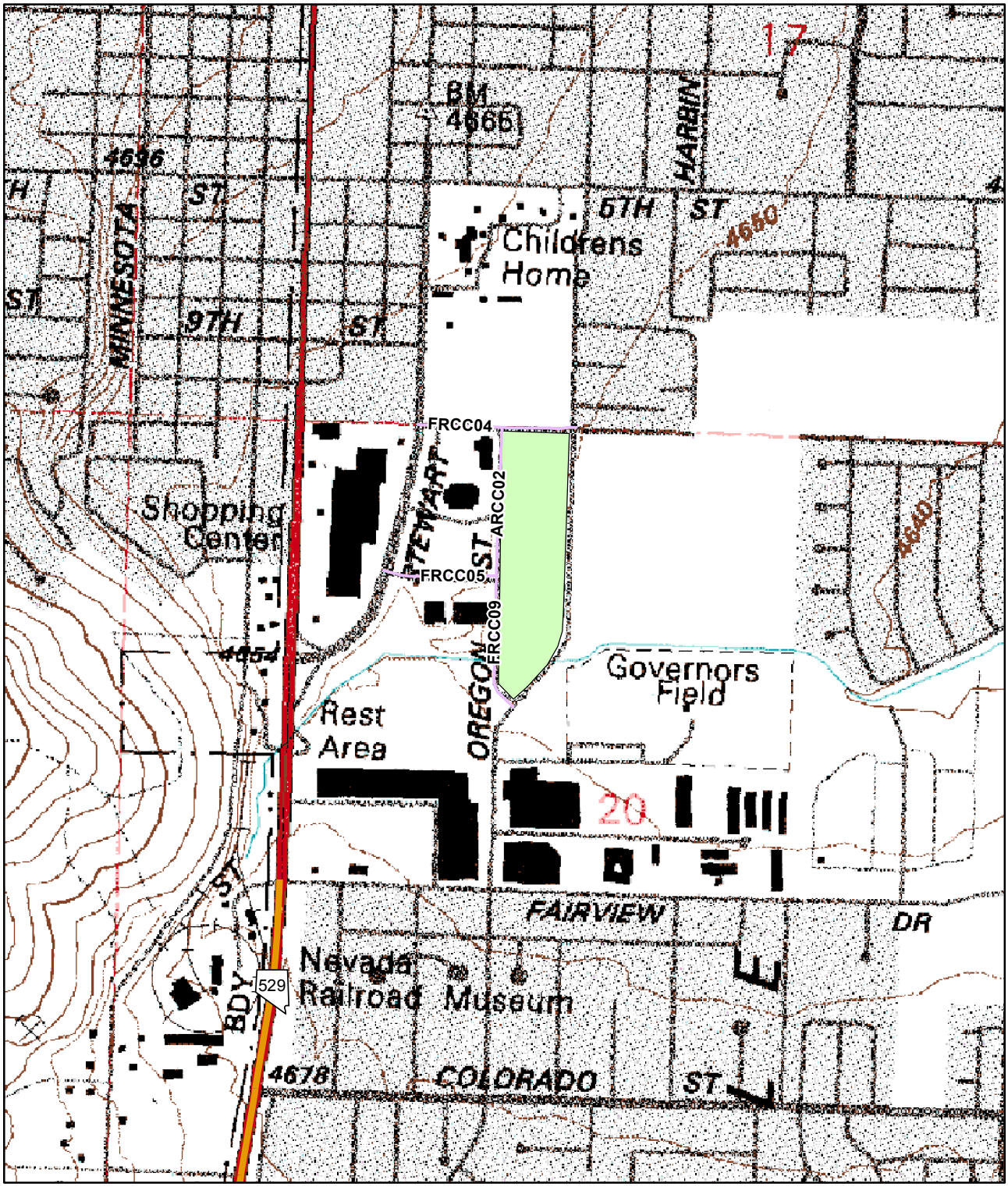
# Tonopah Maintenance Station Map

**Maintenance Facility Site Map Legend**

Numerical values represented below identify various operational areas of interest within the facility.

1. Administrative Offices
2. Communications Shop
3. Equipment Repair Shop
4. Machine Shop
5. Employee/Equipment Parking Areas
6. Fueling Area
7. Steam Cleaning Pad
8. Equipment/Vehicle “Down Line”
9. Equipment Storage
10. Training
11. Vehicle/Cold Storage
12. Carpenter Shop
13. Sign Production
14. Brine Tanks
15. Brine Production
16. Paint Shop
17. Sand/Salt Spreader Racks
18. Sign Storage
19. Paint Storage
20. Wash Pad
21. Equipment Parking
22. Loading/Unloading Ramp
23. Material Storage
24. Emulsion Tanks
25. Salt Storage
26. Sand/Salt “Sprung Structure”

# Carson City Maintenance Station
# General Location Map




0 0.05 0.1 0.2 0.3 0.4 Miles

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The "green" shaded area represents the Maintenance Facility's property layout.

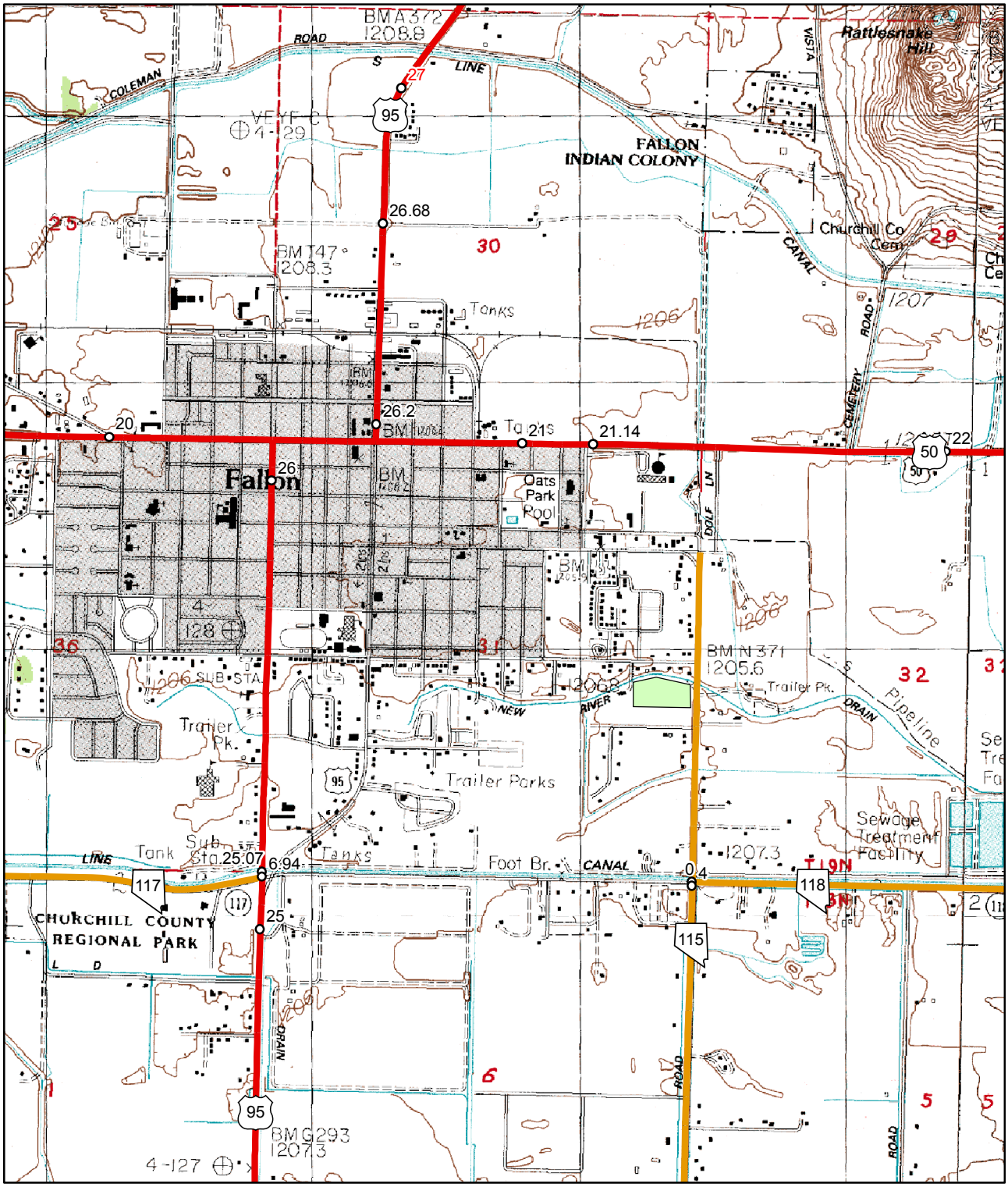
# Carson City Maintenance Station Map

Maintenance Facility Site Map Legend

Numerical values represented below identify various operational areas of interest within the Carson City facility.

1. Records Storage
2. Traffic Safety Office
3. Nuclear Gauge Building/Storage
4. Office Equipment Storage
5. Employee Parking
6. Motor Pool/Wash Bay
7. Fueling Area
8. Motor Pool Car Barn
9. Carson Annex Building
10. Fueling Area
11. Wash Pad Area
12. Equipment Repair
13. Sand/Salt Concrete Building
14. Brine Tanks
15. Equipment Storage
16. Fueling Area
17. Wash Pad Area
18. Cold Storage
19. Sand/Salt Spreader Racks

# Fallon Maintenance Station
# General Location Map




0 0.125 0.25 0.5 0.75 1 Miles

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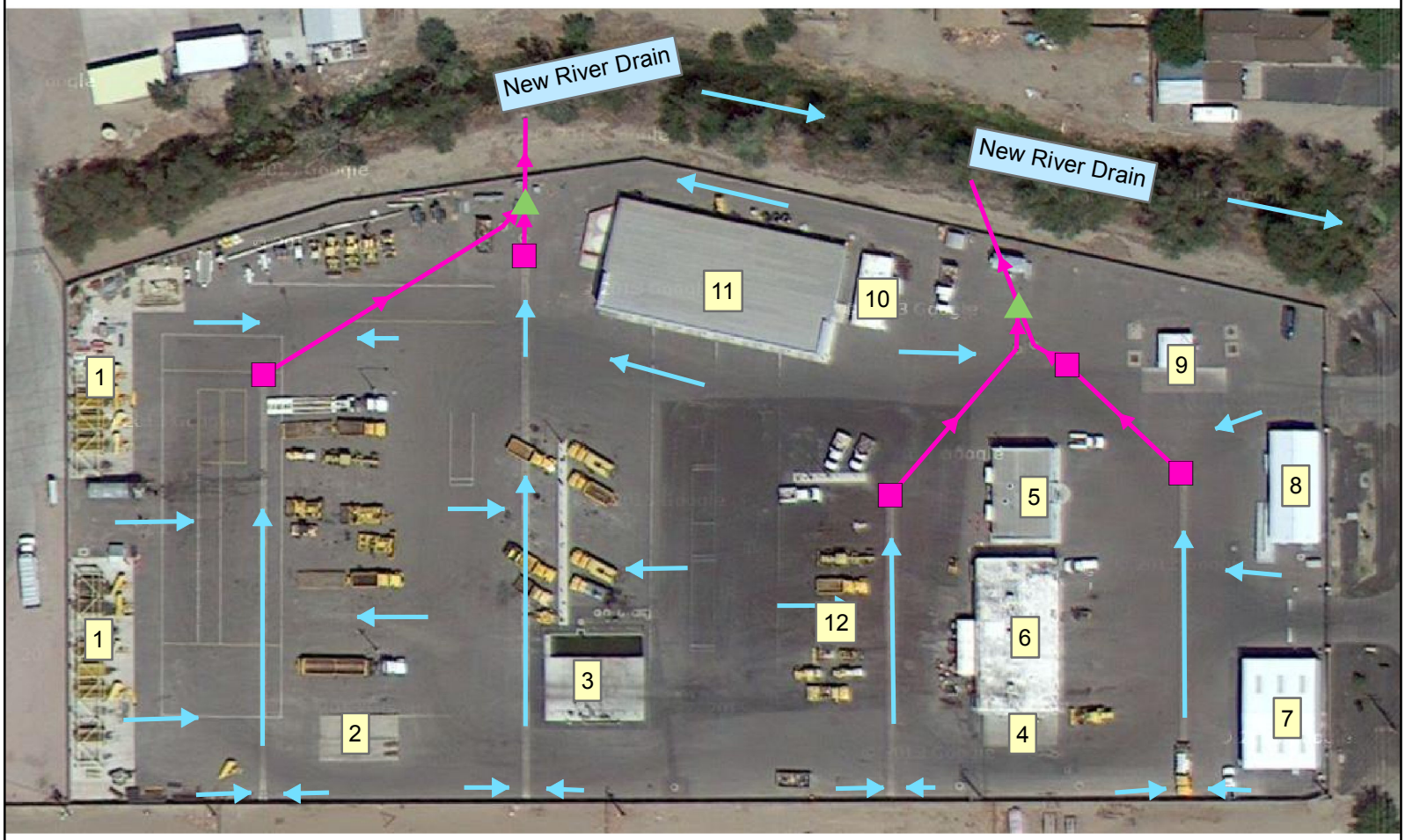
The "green" shaded area represents the Maintenance Facility's property layout.

# Fallon Maintenance Station Map




Stormwater Treatment Vault
Stormwater Inlet
Stormwater Flow Path
Storm Drain Flow Path

0 40 80 160 240 320 Feet

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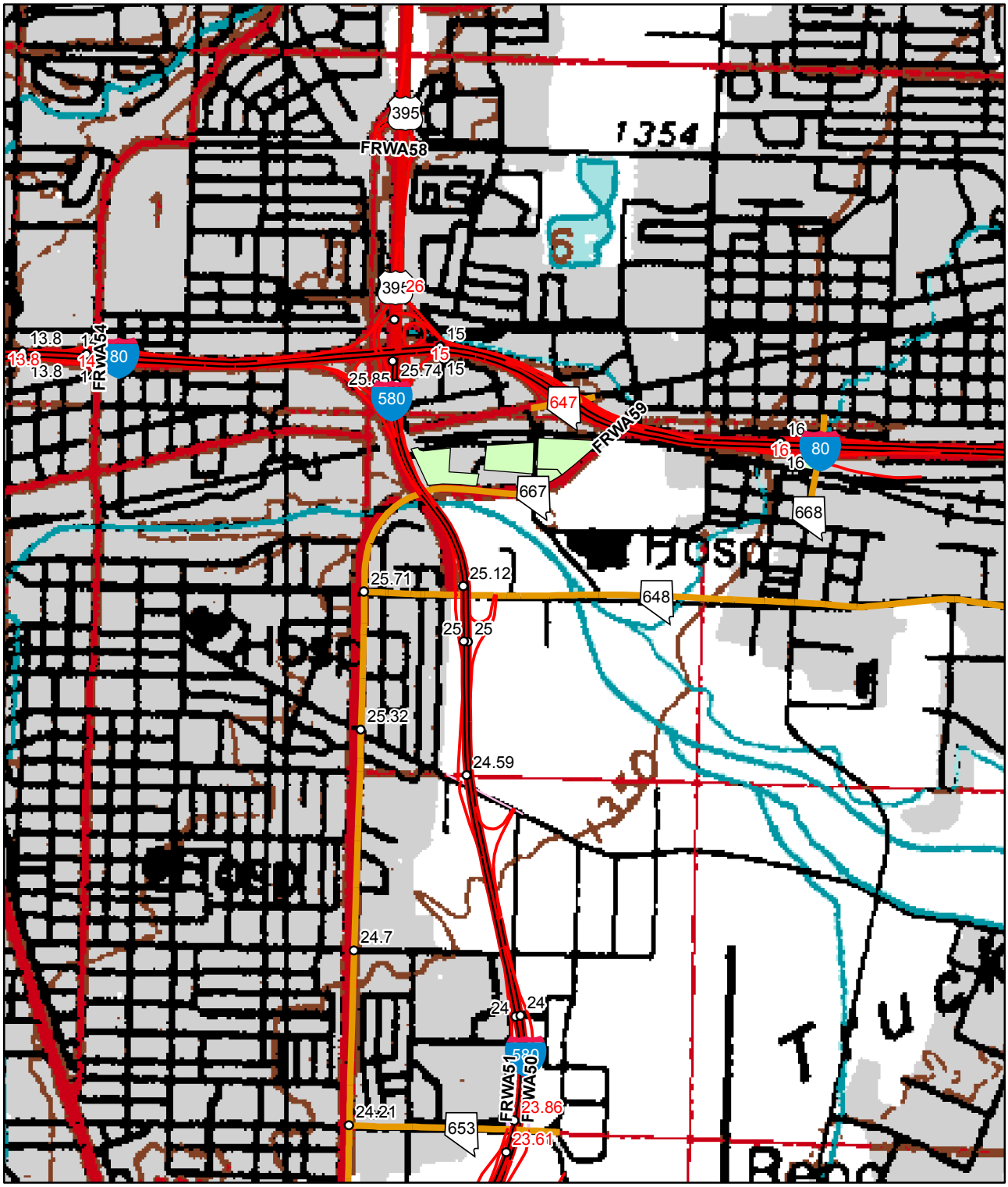
## Maintenance Facility Site Map Legend

Numerical values represented below identify various operational areas of interest designated on the facility maps.

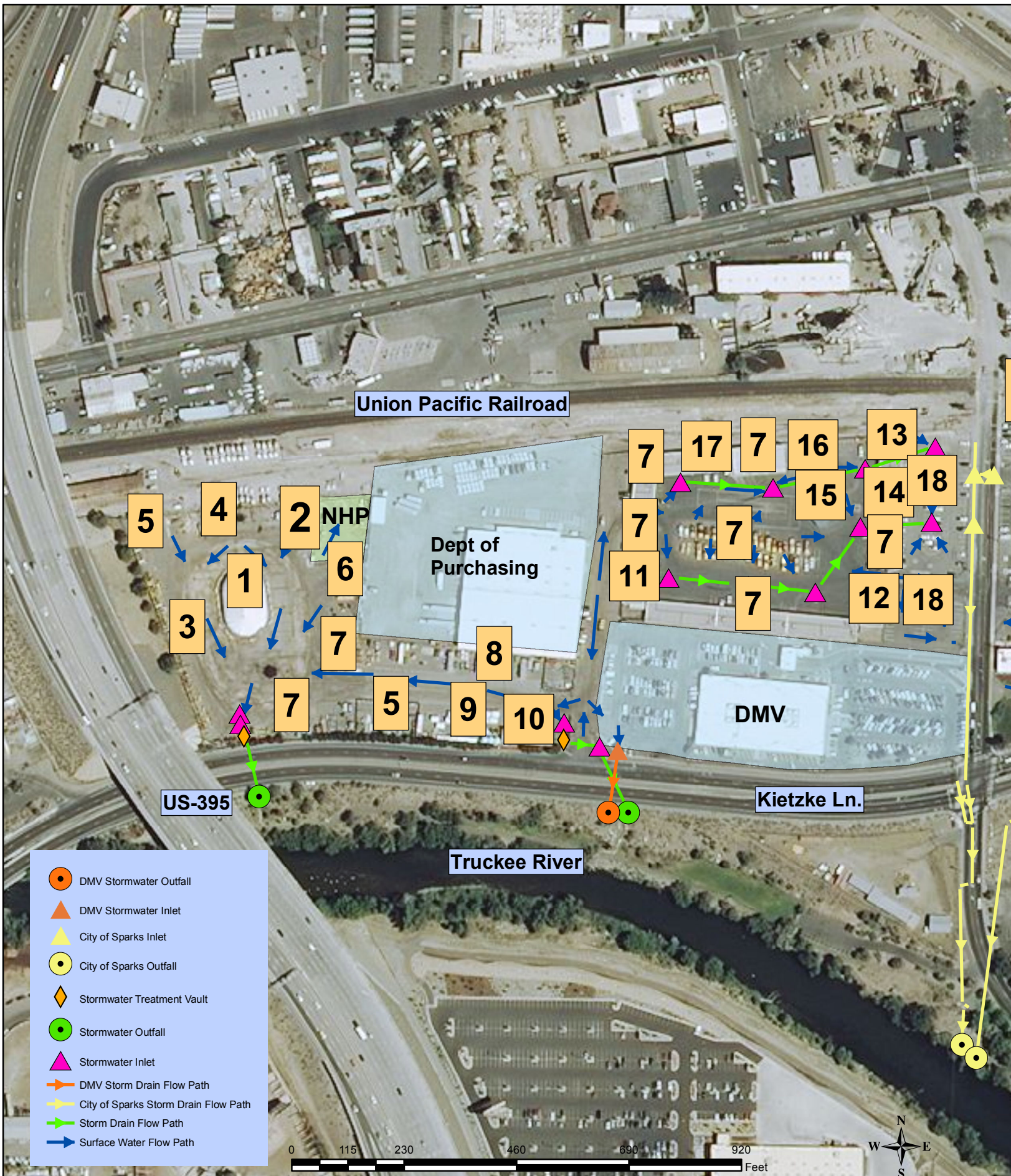
1. Sand/Salt Spreader Racks
2. Loading/Unloading Ramp
3. Wash Pad Area
4. Steam Pad
5. Maintenance Crew Offices
6. Equipment Garage/Shop
7. Stockroom/Receiving
8. Safety and Training
9. Fuel Pumps
10. Employee Parking
11. Vehicle/Cold Storage
12. Equipment "Down Line"

# Reno Sparks Maintenance Station
# General Location Map




The "green" shaded area represents the Maintenance Facility's property layout.

# Reno/Sparks Maintenance Station Map (Reno Side)



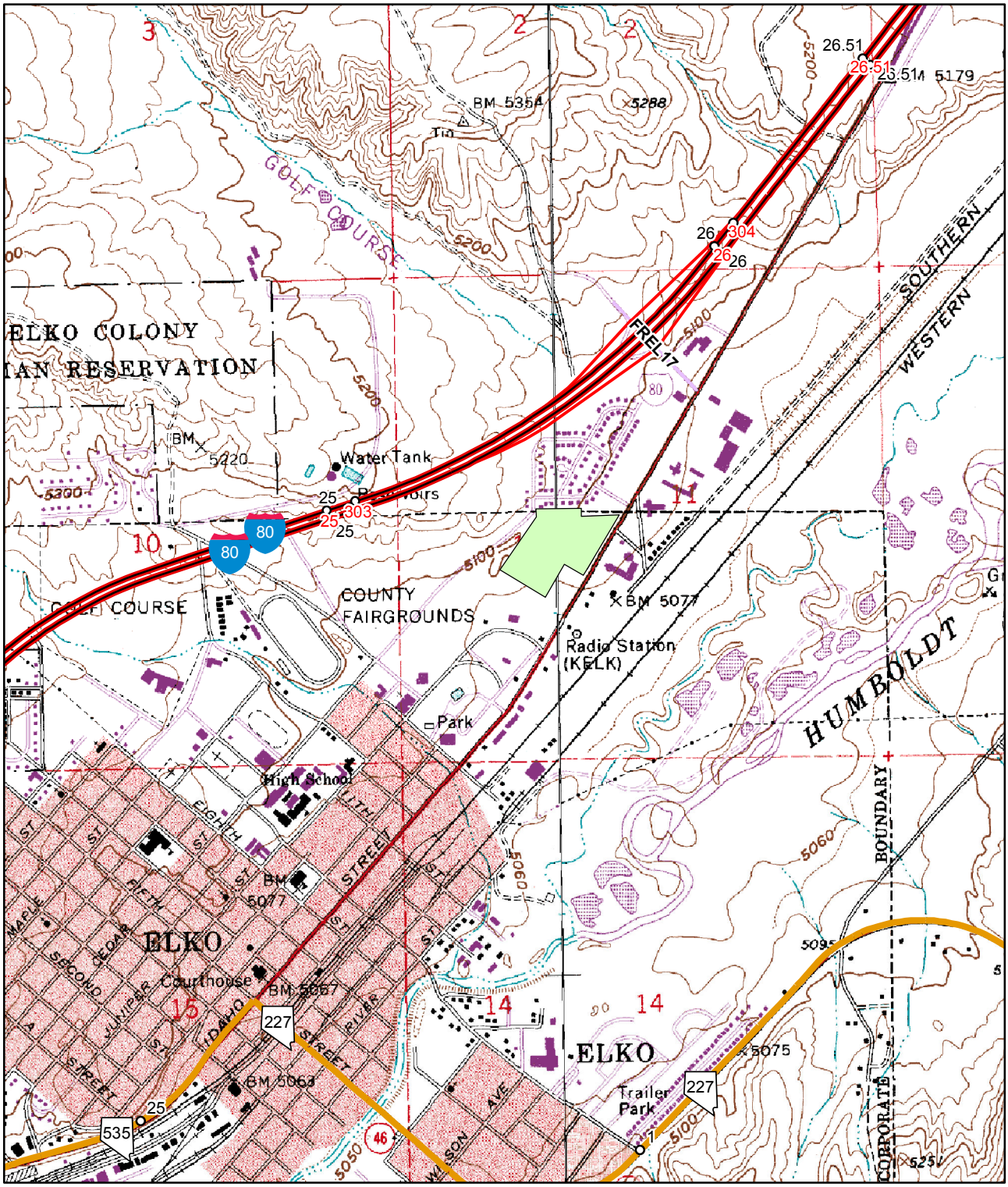
# Reno/Sparks Maintenance Station Map (Sparks Side)

**Maintenance Facility Site Map Legend**

Numerical values represented below identify various operational areas of interest within the facility.

1. Sand/Salt Enclosure
2. Material Stockpile Area
3. Sand/Salt Spreader Racks
4. Waste Material Storage
5. Material Storage
6. Striping Paint Storage
7. Equipment Storage
8. Lab Testing Facility
9. Brine Tanks
10. Brine Production
11. Pesticide and Fertilizer Storage
12. Safety and Training Division
13. Bridge Division
14. Carpentry
15. Fueling Area
16. Wash Pad
17. Progress Lab
18. Employee Parking
19. Equipment Repair
20. Shipping and Receiving
21. Paint Shop
22. Machine Shop
23. Steam Cleaning Pad
24. Tune-Up Shop
25. Sign Fabrication
26. Sign Production
27. Communications Shop

# Elko Maintenance Station
# General Location Map




0 0.125 0.25 0.5 0.75 1 Miles

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The "green" shaded area represents the Maintenance Facility's property layout.

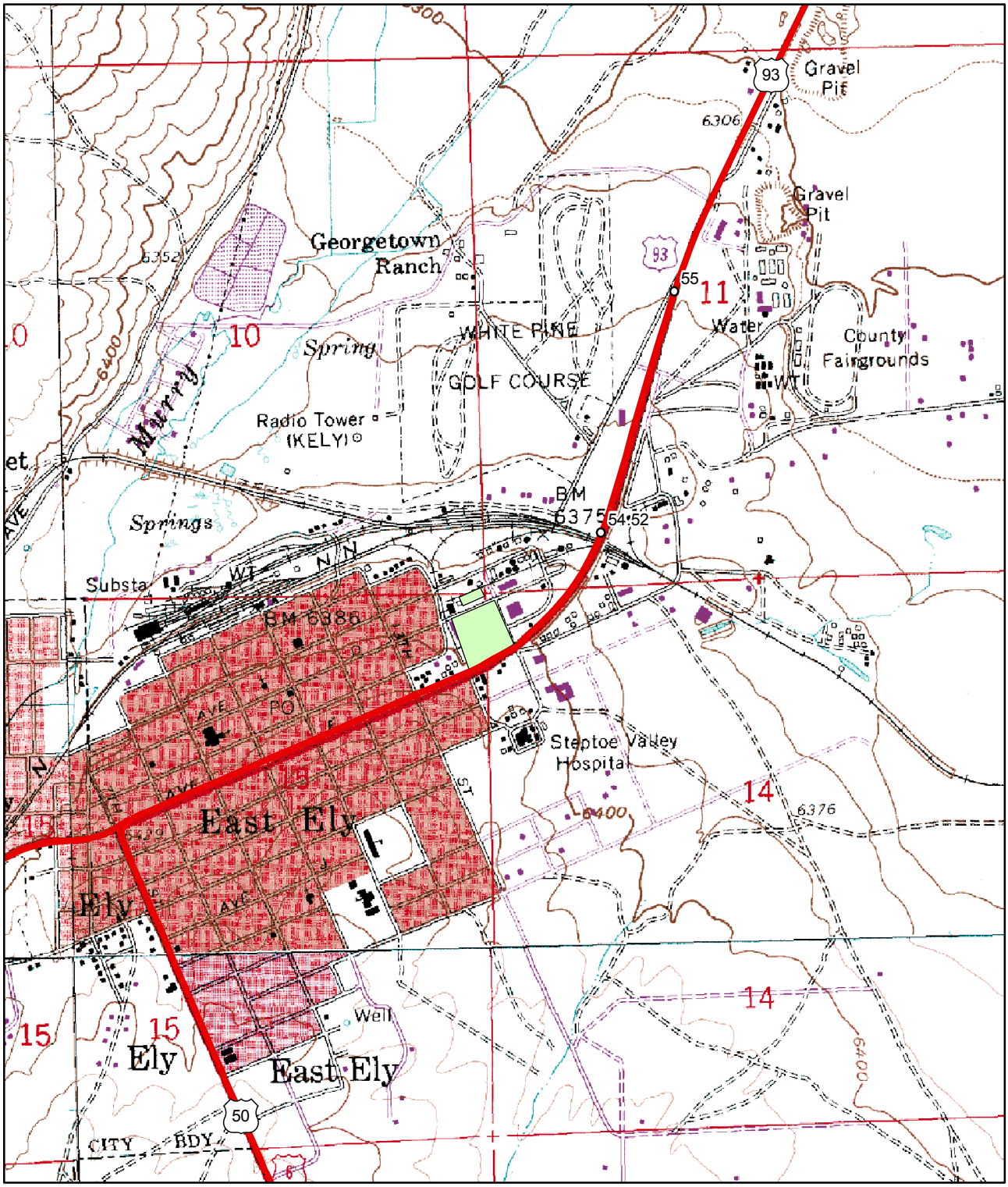
# Elko Maintenance Station Map

## Maintenance Facility Site Map Legend

Numerical values represented below identify various operational areas of interest within the facility.

1. Sand/Salt Enclosure
2. Material Stockpile Area
3. Sand/Salt Spreader Racks
4. Waste Material Storage
5. Material Storage
6. Cold Storage
7. Equipment Storage
8. Lab Testing Facility
9. Brine Tanks
10. Fueling Area
11. Wash Pad Area
12. Progress Lab/Training
13. Employee Parking
14. Equipment Repair
15. District Services
16. Sign Shop
17. Radio Shop
18. Abandoned Paving Binder Shed
19. District III Headquarters Main Offices

# Ely Maintenance Station
# General Location Map




0 0.1 0.2 0.4 0.6 0.8 Miles

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The "green" shaded area represents the Maintenance Facility's property layout.

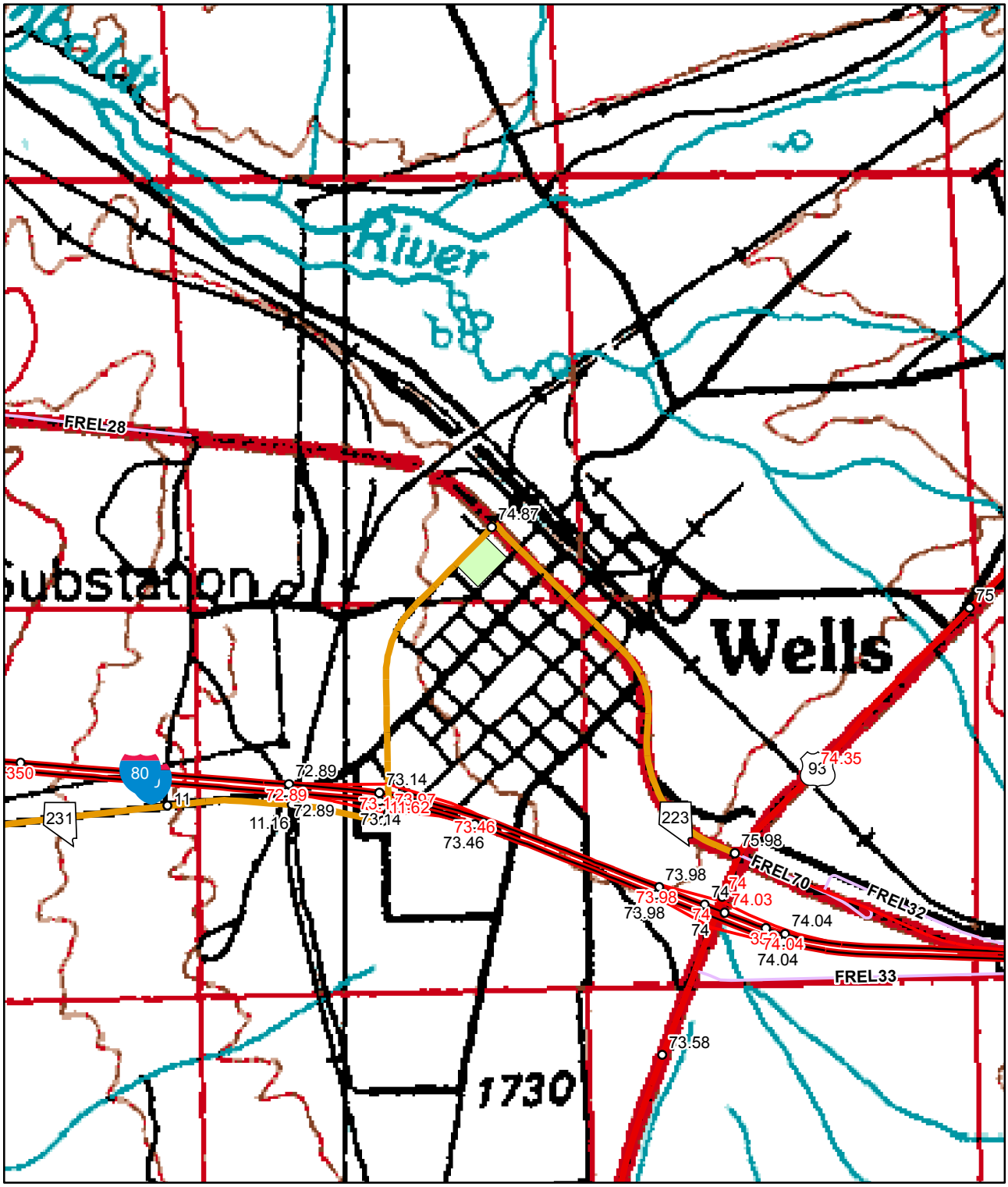
# Ely Maintenance Station Map

## Maintenance Facility Site Map Legend

Numerical values represented below identify various operational areas of interest within the facility.

1. Sub-District III Offices
2. Safety & Training
3. Maintenance Crew Offices
4. Carpenter, Paint, Signs
5. Truck Storage
6. Fuel Station
7. Sand/Salt Spreader Racks
8. Sand/Salt “Sprung Structure”
9. Construction Crew Storage Shed
10. Magnesium Chloride Tank
11. Hot Oil Tank
12. Wash Pad Area
13. Cold Storage
14. Equipment “Down Line”
15. Steam Pad
16. Equipment Repair Shop
17. Welding Shop
18. Cold Storage
19. Employee Parking

# Wells Maintenance Station
# General Location Map

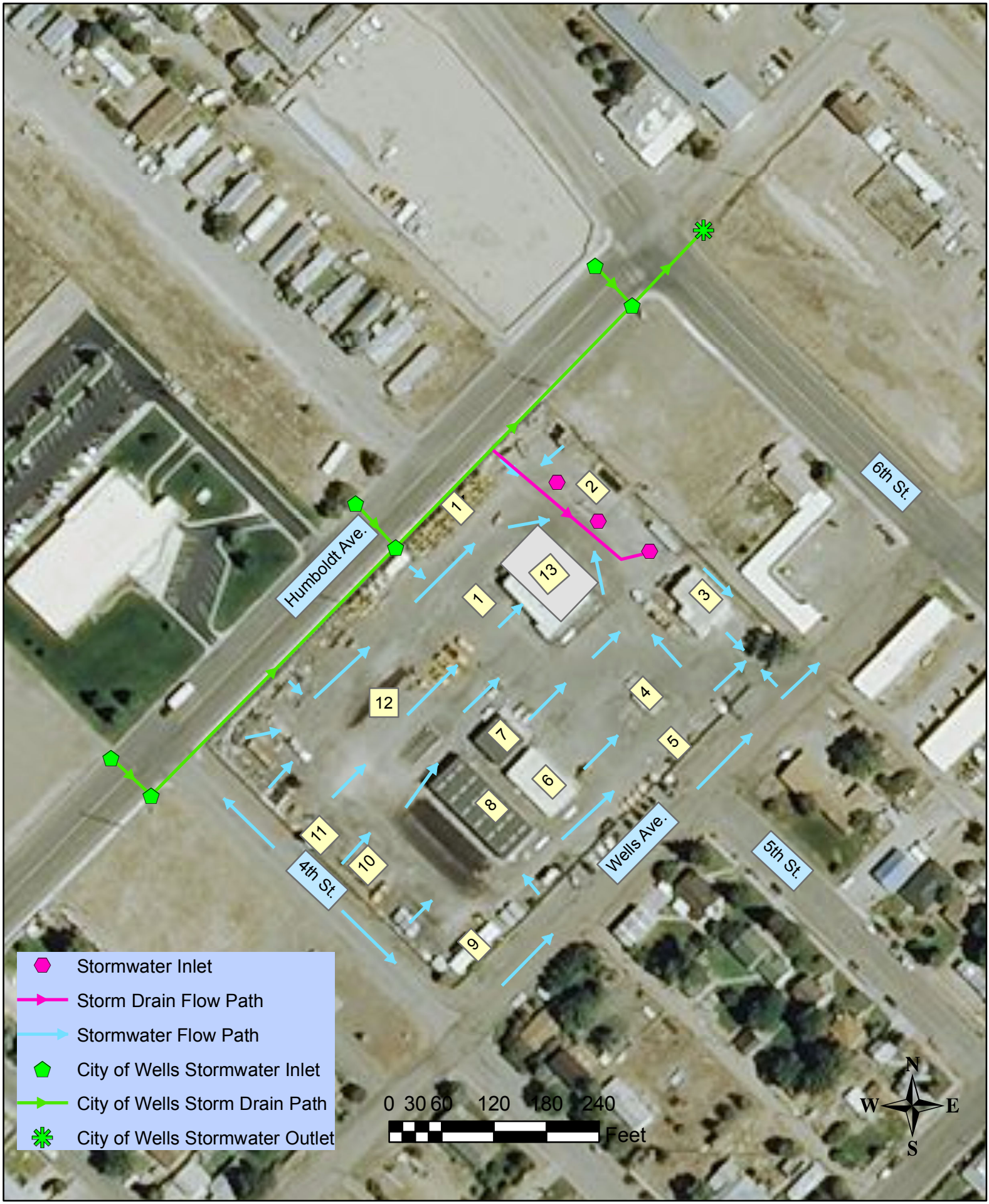



0 0.15 0.3 0.6 0.9 1.2 Miles

N W E S

The "green" shaded area represents the Maintenance Facility's property layout.

# Wells Maintenance Station Map

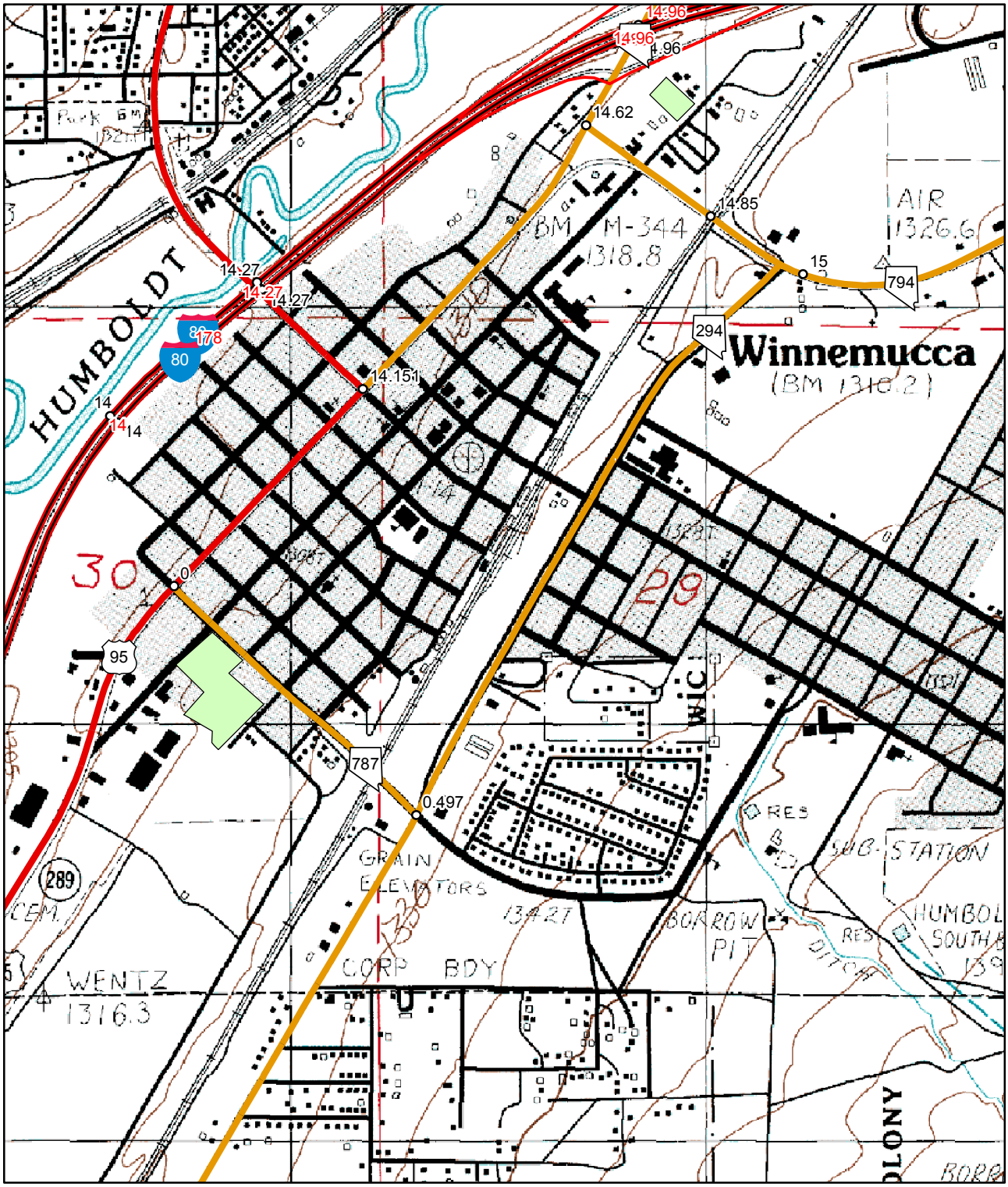


## Maintenance Facility Site Map Legend

Numerical values represented below identify various operational areas of interest within the facility.

1. Sand/Salt Spreader Racks
2. Wash Pad Area
3. Original Wells Maintenance Station
4. Fuel Station
5. Employee Parking
6. Cold Storage
7. Maintenance Crew Offices
8. Equipment Garage/Shop
9. Construction Field Testing Lab
10. Equipment “Down Line”
11. Magnesium Chloride Tank
12. Equipment Parking Area
13. Vehicle Storage

# Winnemucca Maintenance Station
# General Location Map




0 0.0750.15 0.3 0.45 0.6 Miles

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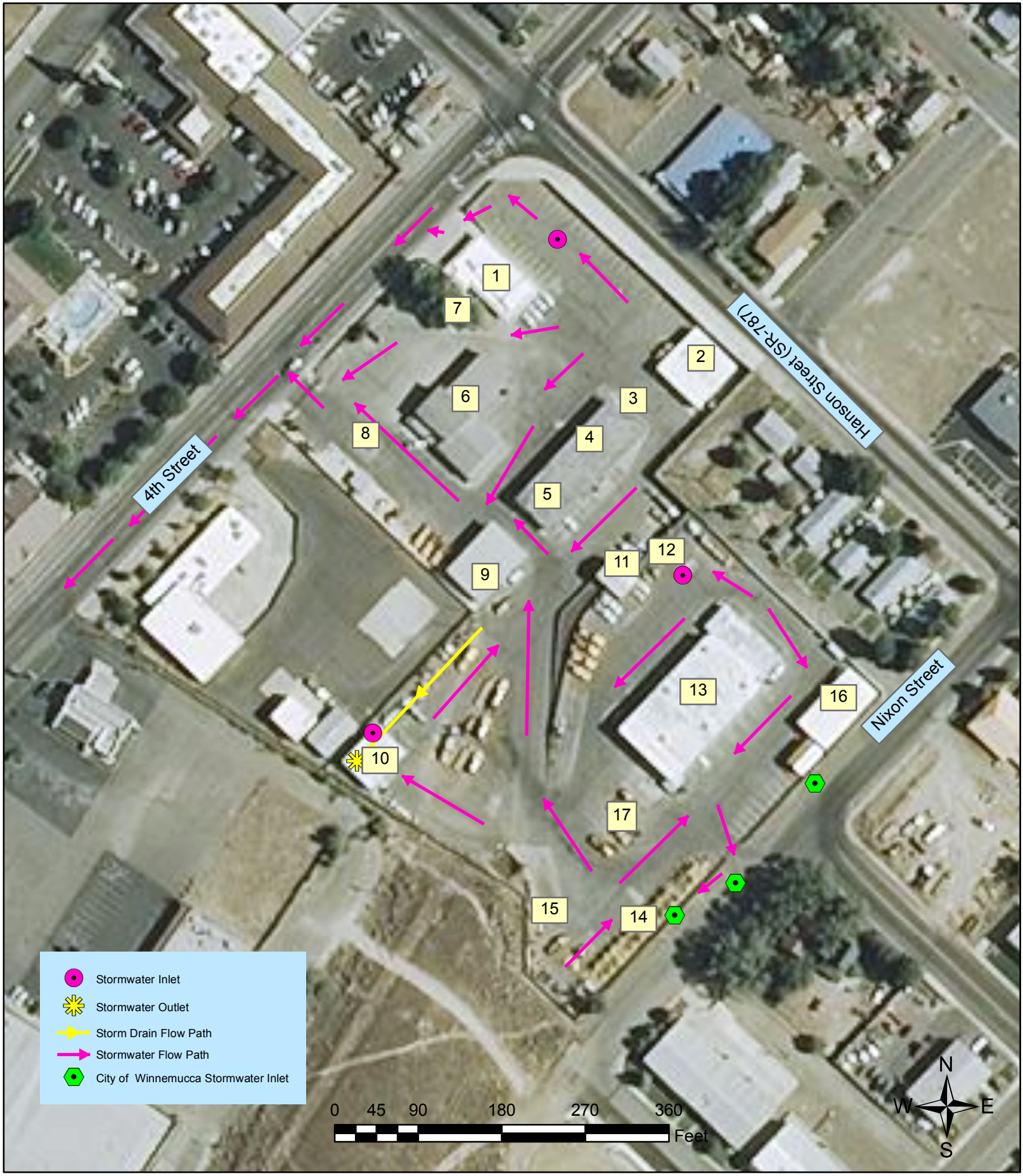
The "green" shaded area represents the Maintenance Facility's property layout.

# Winnemucca Maintenance Station Map



## Maintenance Facility Site Map Legend

Numerical values represented below identify various operational areas of interest within the facility.

1. Sub-District III Offices
2. Metal Storage Building
3. Radio Shop
4. Carpenter & Striping Shops
5. Progress Lab
6. Maintenance Crew Offices
7. Employee Parking
8. Fueling Area
9. Nuclear Gauge Storage Building
10. Metal Paint Storage Building
11. Oil Storage Building
12. Equipment "Down Line"
13. Equipment Repair Shop
14. Sand/Salt Spreader Racks
15. Wash Pad Area
16. Vehicle Storage
17. Steam Pad Area

# Appendix B

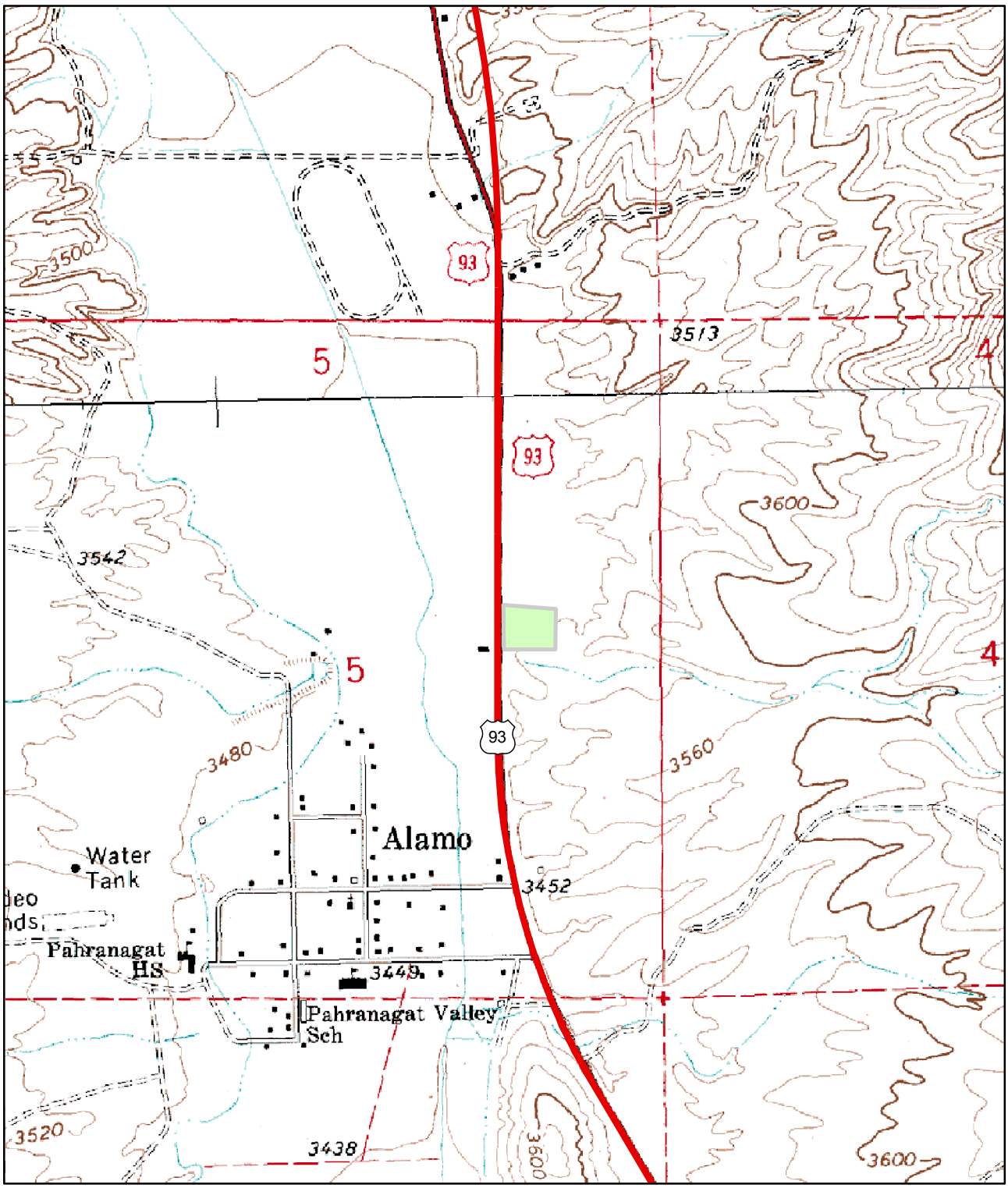
## Minor-A Maintenance Facility Listing and Associated Area Maps

Table B-1. Minor-A Maintenance facility listing.

| Minor-A Facility | District | Address/Route | County | Milepost | Latitude | Longitude | Facility Size (Acres) | Drainage Basin | Receiving Waterway | Discharges to Waters of the U.S. | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Alamo Station | 1 | US-93 | Lincoln | 39.0 | 37° 22' 11.210" | -115° 9' 33.533" | 3.2 | Colorado River | NDOT MS4 | No | ----- |
| Beatty Station | 1 | US-95 | Nye | 59.9 | 36° 54' 36.833" | -116 °45' 23.175" | 6.0 | Death Valley | None | No | ----- |
| Big Smokey Station | 1 | SR-376 | Nye | 53.4 | 38° 47' 0.240" | -117° 10' 26.286" | 8.8 | Central Region | None | No | ----- |
| Blue Jay Station | 1 | US-6 | Nye | 65.8 | 38° 22' 20.339" | -116° 13' 29.472" | 26.7 | Central Region | None | No | ----- |
| Flamingo Yard | 1 | SR-515 | Clark | 12.8 | 36° 6' 49.520" | -115° 4' 57.589" | 2.6 | Colorado River | NDOT MS4 | Yes | Surface Water Connection to the Las Vegas Wash |
| Glendale Station | 1 | SR-169 | Clark | 24.2 | 36° 40' 23.003" | -114° 31' 23.452" | 5.9 | Colorado River | None | No | ----- |
| Goldfield Station | 1 | US-95 | Esmeralda | 19.5 | 37° 42' 18.329" | -117° 14' 32.179" | 3.4 | Central Region | Rabbit Springs | No | ----- |
| Mina Station | 1 | US-95 | Mineral | 15.7 | 38° 23 '8.738" | -118° 6' 23.865" | 1.9 | Central Region | NDOT MS4 | No | ----- |
| Montgomery Pass Station | 1 | US-6 | Mineral | 8.4 | 37° 58' 37.645" | -118° 19' 11.181" | 2.9 | Central Region | None | No | ----- |
| Mountain Springs Station | 1 | SR-160 | Clark | 21.3 | 36° 1' 22.498" | -115° 30' 24.493" | 21.3 | Central Region | NDOT MS4 | No | ----- |
| Mt. Charleston Station | 1 | SR-157 | Clark | 5.1 | 36° 16' 19.160" | -115° 34' 29.222" | 4.7 | Colorado River | Kyle Canyon Wash | No | ----- |
| Old Indian Springs Station | 1 | US-95 | Clark | 123.3 | 36° 34' 14.438" | -115° 40' 15.093" | 5.0 | Central Region | None | No | ----- |
| Panaca Station | 1 | SR-319 | Lincoln | 52.0 | 37° 47' 26.229" | -114° 22' 33.906" | 5.3 | Colorado River | None | No | ----- |
| Searchlight Station | 1 | SR-164 | Clark | 18.6 | 35° 27' 57.160" | -114° 55' 18.401" | 2.5 | Colorado River | NDOT MS4 | No | ----- |
| Boomtown Yard | 2 | I-80 | Washoe | 4.0 | 39° 30' 49.191" | -119° 58' 45.234" | 1.6 | Truckee River | None | No | ----- |
| Carson City 5th St. Yard | 2 | None | Carson City | N/A | 39° 44' 25.085" | -119° 44' 25.085" | 2.6 | Carson River | None | No | Off-System |
| Clear Acre Yard | 2 | I-580 | Washoe | 27.2 | 39° 33' 11.835" | -119° 47' 20.928" | 18.3 | Truckee River | Unnamed Spring | No | ----- |
| Cold Springs Station | 2 | ARCH-01 | Churchill | 0.0 | 39 °24' 42.061" | -117° 50' 22.108" | 8.4 | Central Region | NDOT MS4 | No | ----- |
| Comanche Yard | 2 | SR-429 | Washoe | 7.4 | 39° 18' 49.638" | -119° 49'29.609" | 3.0 | Truckee River | Washoe Creek | Yes | Surface Water Connection to Washoe Lake |
| Dayton/Lafond Yard | 2 | US-50 | Lyon | 12.0 | 39° 18' 467" | -119° 30' 48.843" | 1.2 | Carson River | Unnamed Ephemeral Drainage | No | ----- |
| Fairview Yard | 2 | US-50 | Carson City | 10.7 | 39° 9' 3.326" | -119° 44' 35.620" | 5.1 | Carson River | None | No | ----- |
| Fernley Station | 2 | SR-427 | Lyon | 1.0 | 39° 36' 31.393" | -119° 15' 53.655" | 8.0 | Central Region | NDOT MS4 | No | ----- |
| Galena Creek Station | 2 | SR-431 | Washoe | 17.3 | 39° 21' 14.211" | -119° 51' 21.130" | 1.4 | Truckee River | NDOT and Truckee Meadows MS4 | No | ----- |
| Gardnerville Station | 2 | US-395 | Douglas | 18.8 | 38° 54' 37.760" | -119° 41' 31.014" | 18.2 | Carson River | Upper Allerman Canal | No | ----- |
| Hawthorne Station | 2 | US-95 | Mineral | 49.4 | 38° 31' 45.680" | -118° 36' 59.754" | 1.8 | Walker River | None | No | ----- |
| Incline Village Station | 2 | SR-431 | Washoe | 0.1 | 39° 15' 9.225" | -119° 58' 16.026" | 4.0 | Truckee River | NDOT MS4 | Yes | Surface Water Connection to Lake Tahoe |
| Log Cabin Yard | 2 | SR-339 | Lyon | 11.2 | 38° 10' 56.283" | -119° 10' 56.286" | 4.8 | Walker River | None | No | ----- |
| Logging Road Lane Yard | 2 | Logging Road Lane | Douglas | N/A | 38° 58' 38.497" | -119° 54' 16.033" | 3.0 | Truckee River | None | No | Off-System |
| Lovelock North (KOA) Yard | 2 | SR-396 | Pershing | 1.6 | 40° 11' 22.582" | -118° 28' 0.979" | 1.3 | Humboldt River | None | No | ----- |
| Lovelock South-Yard | 2 | FRPE01 | Pershing | 16.5 | 40° 9' 52.729" | -118° 29' 6.343" | 3.6 | Humboldt River | None | No | ----- |
| Lovelock Station | 2 | 690 Grinnel Ave., Lovelock, 89419 | Pershing | N/A | 40° 10' 37.574" | -118° 28' 48.002" | 1.1 | Humboldt River | Lovelock MS4 | No | Off-System; Surface Water Connection to Toulon Lake |
| Mt. Rose Station | 2 | SR-431 | Washoe | 13.0 | 39° 20' 23.152" | -119° 52' 33.774" | 1.0 | Truckee River | None | No | ----- |
| Smart Yard | 2 | US-95 | Churchill | 23.7 | 39° 26' 5.578" | -118° 46' 55.602" | 10.9 | Carson River | None | No | ----- |
| Spooner East Yard | 2 | US-50 | Douglas | 13.2 | 39° 6' 20.670" | -119° 53' 27.429" | 1.6 | Carson River | None | No | ----- |
| Spooner Station | 2 | US-50 | Douglas | 12.0 | 39° 5' 45.108" | -119° 54' 37.694" | 1.2 | Truckee River | Glenbrook Creek | Yes | Surface Water Connection to Lake Tahoe |
| Stead Yard | 2 | US-395 | Washoe | 34.8 | 39° 37' 13.427" | -119° 53' 12.950" | 3.4 | Western Region | None | No | ----- |
| SR-431 WA 23.9 Yard | 2 | SR-431 | WA | 23.9 | 39° 23' 49.478" | -119° 45' 31.917" | 0.7 | Truckee River | Unknown | | "Mt. Rose Jct."; Surface Water Connection to Whites Creek (South Fork) |
| Trento Yard | 2 | US-50 | Churchill | 12.9 | 39° 30' 19.504" | -118° 54' 39.196" | 18.1 | Carson River | None | No | ----- |
| Virginia City Station | 2 | SR-341 | Storey | 2.5 | 39° 17' 55.609" | -119° 39' 19.272" | 2.3 | Carson River | NDOT MS4 | No | ----- |
| Wellington Station | 2 | SR-829 | Lyon | 3.0 | 38° 45' 3.459" | -119° 22' 9.058" | 2.0 | Walker River | NDOT MS4 | No | ----- |
| Yerington Station | 2 | SR-208 | Lyon | 29.0 | 38° 59' 32.356" | -119° 9' 45.978" | 0.9 | Walker River | None | No | ----- |
| Austin Station | 3 | US-50 | Lander | 24.1 | 39° 30' 11.162" | -117° 5' 0.037" | 4.4 | Humboldt River | None | No | ----- |
| Battle Mountain Station | 3 | SR-304 | Lander | 6.6 | 40° 38' 13.660" | -116° 56' 3.459" | 2.0 | Humboldt River | Lander County MS4 | No | ----- |
| Contact Station | 3 | US-93 | Elko | 125.5 | 41° 46' 9.149" | -114° 45' 8.599" | 3.5 | Snake River | None | No | ----- |
| Currie Station | 3 | US-93 | Elko | 11.8 | 40°15' 59.550" | -114° 44' 44.450" | 1.4 | Central Region | None | No | ----- |

| Minor-A Facility | District | Address/Route | County | Milepost | Latitude | Longitude | Facility Size (Acres) | Drainage Basin | Receiving Waterway | Discharges to Waters of the U.S. | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| East of Wells Yard | 3 | I-80 | Elko | 76.7 | 41° 6' 6.752" | -114° 54' 20.461" | 5.2 | Humboldt River | None | No | ----- |
| Ely Bone Yard | 3 | US-6 | White Pine | 40.7 | 39° 13' 30.866" | -114° 51' 41.762" | 7.9 | Central Region | Ely MS4 | No | ----- |
| Emigrant Pass Station | 3 | I-80 | Eureka | 16.8 | 40° 39' 0.192" | -116° 18' 9.969" | 6.2 | Humboldt River | Primeux Springs | No | ----- |
| Eureka Station | 3 | US-50 | Eureka | 36.8 | 39° 31' 4.613" | -115° 57' 45.964" | 1.1 | Central Region | None | No | ----- |
| I-80 LA 4.0 Yard | 3 | I-80 | Lander | 4.0 | 40° 39' 47.464" | -116° 57' 46.034" | 3.7 | Humboldt River | None | No | ----- |
| Independence Valley Station | 3 | SR-226 | Elko | 19.6 | 41° 18' 6.655" | -116° 6' 53.597" | 3.7 | Snake River | None | No | ----- |
| Lund Station | 3 | SR-318 | White Pine | 11.8 | 38° 52' 14.455" | -115° 0' 32.262" | 7.0 | Colorado River | None | No | ----- |
| North Fork Station | 3 | SR-225 | Elko | 77.9 | 41° 29' 0.504" | -115° 48' 55.124" | 4.8 | Humboldt River | None | No | ----- |
| Old Baker Station | 3 | US-6 | White Pine | 91.5 | 39° 5' 12.749" | -114° 14' 15.569" | 1.7 | Great Salt Lake | None | No | ----- |
| Old Currant Station | 3 | US-6 | Nye | 127.1 | 38° 49' 3.337" | -115° 20' 51.957" | 3.4 | Central Region | None | No | ----- |
| Old Pequop Station | 3 | FREL43 | Elko | 97.6 | 41° 3' 42.135" | -114° 31' 54.275" | 4.2 | Central Region | None | No | ----- |
| Orovada Station | 3 | US-95 | Humboldt | 43.5 | 41° 34' 6.469" | -117° 47' 4.137" | 7.6 | Black Rock Desert | NDOT MS4 | No | ----- |
| Quinn River Station | 3 | SR-140 | Humboldt | 51.8 | 41° 45' 58.879" | -118° 33' 7.376" | 4.4 | Black Rock Desert | None | No | ----- |
| Ruby Valley Station | 3 | SR-229 | Elko | 35.5 | 40° 37' 50.928" | -115° 15' 59.722" | 6.8 | Central Region | None | No | ----- |
| Salvage Yard | 3 | FRHU15 | Humboldt | 6.3 | 40° 55' 39.710" | -117° 47' 58.214" | 19.7 | Humboldt River | None | No | ----- |
| Susie Creek Yard | 3 | I-80 | Elko | 4.2 | 40° 43' 41.875" | -116° 4' 54.823" | 8.2 | Humboldt River | None | No | ----- |
| Wendover Station | 3 | FREL459 | Elko | 0.5 | 40° 44' 35.594" | -114° 3' 53.394" | 9.8 | Great Salt Lake | NDOT MS4 | No | ----- |

# Alamo Maintenance Station
# Location Map
# US-93 LN 39.0

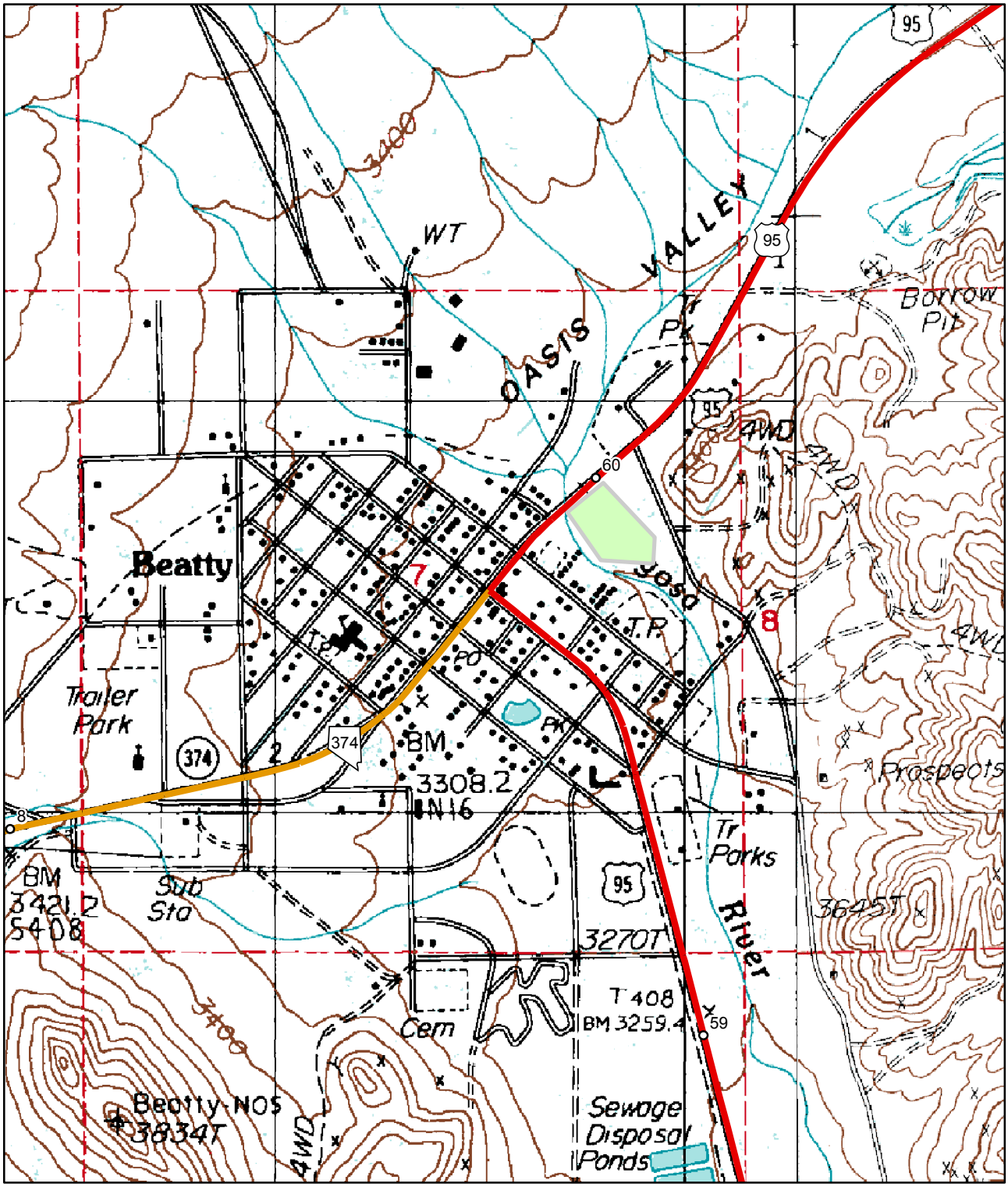



0 0.075 0.15 0.3 0.45 0.6 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Beatty Maintenance Station
# Location Map
# US-95 NY 59.9

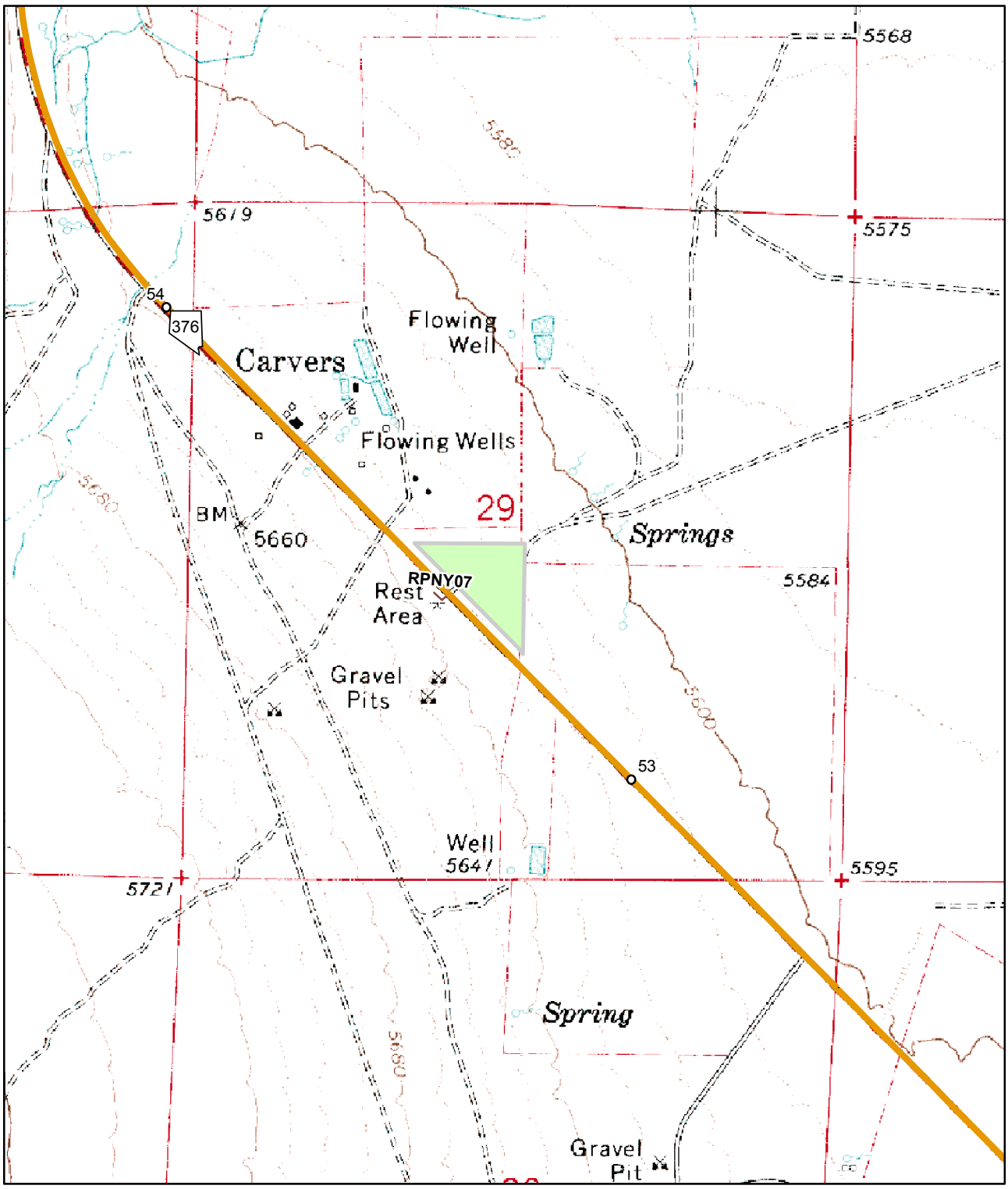



0 0.075 0.15 0.3 0.45 0.6 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Big Smokey Maintenance Station
# Location Map
# SR-376 NY 53.4

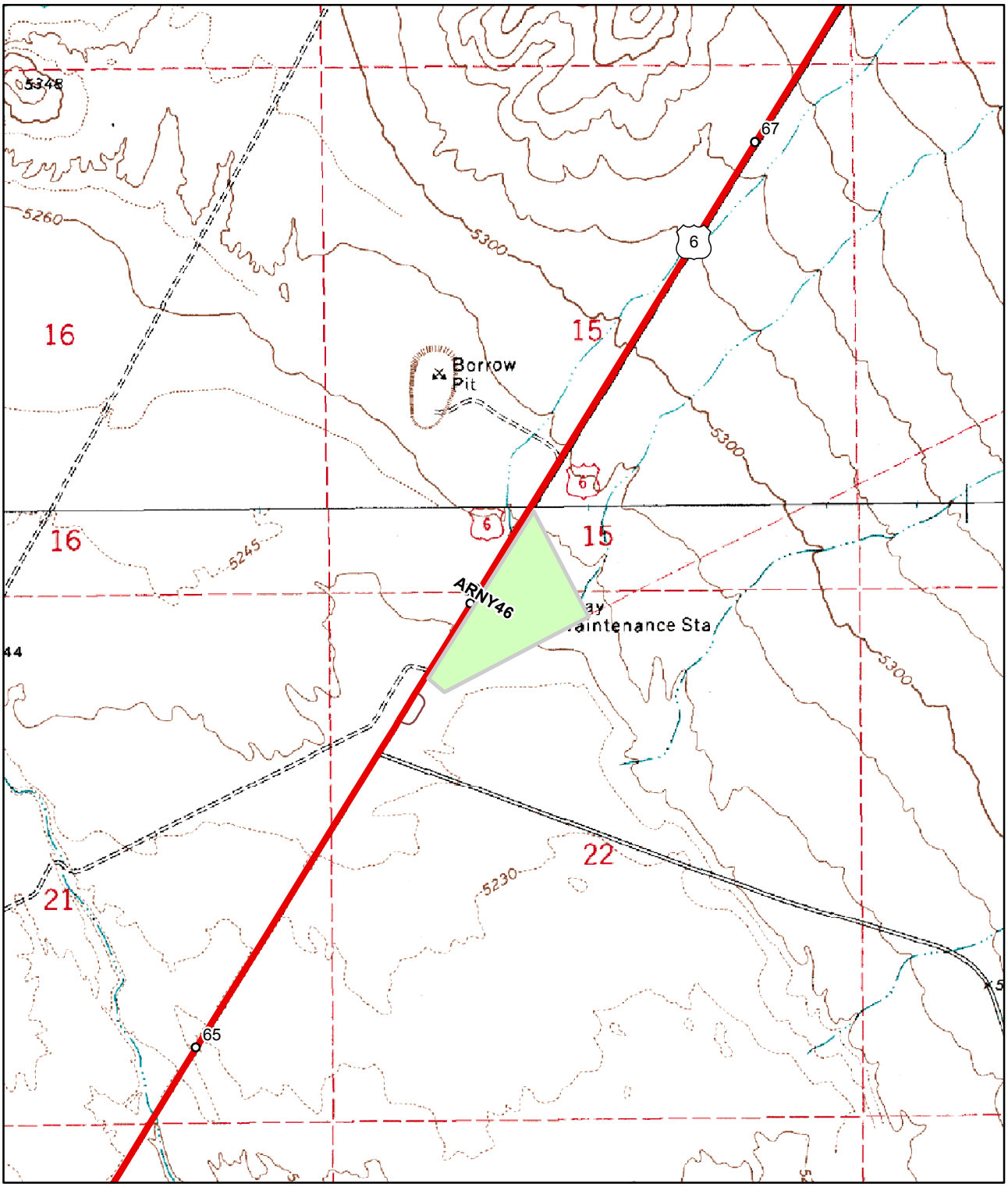



0 0.075 0.15 0.3 0.45 0.6 Miles

N
W E
S

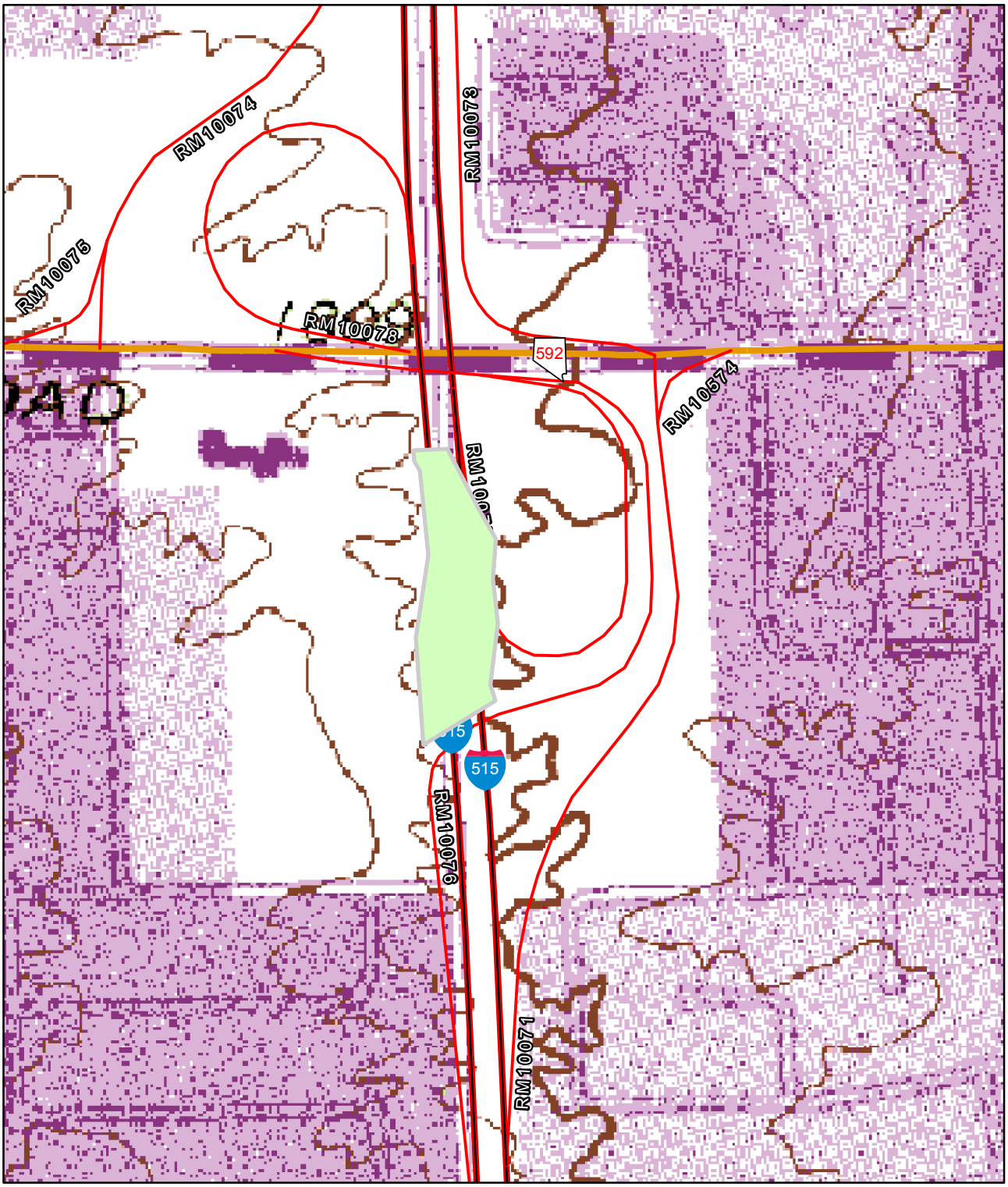
The "green" shaded area represents the Maintenance Facility's property layout.

# Blue Jay Maintenance Station
# Location Map
# US-6 NY 65.8




The "green" shaded area represents the Maintenance Facility's property layout.

# Flamingo Maintenance Yard
# Location Map
# SR-515 CL 12.8

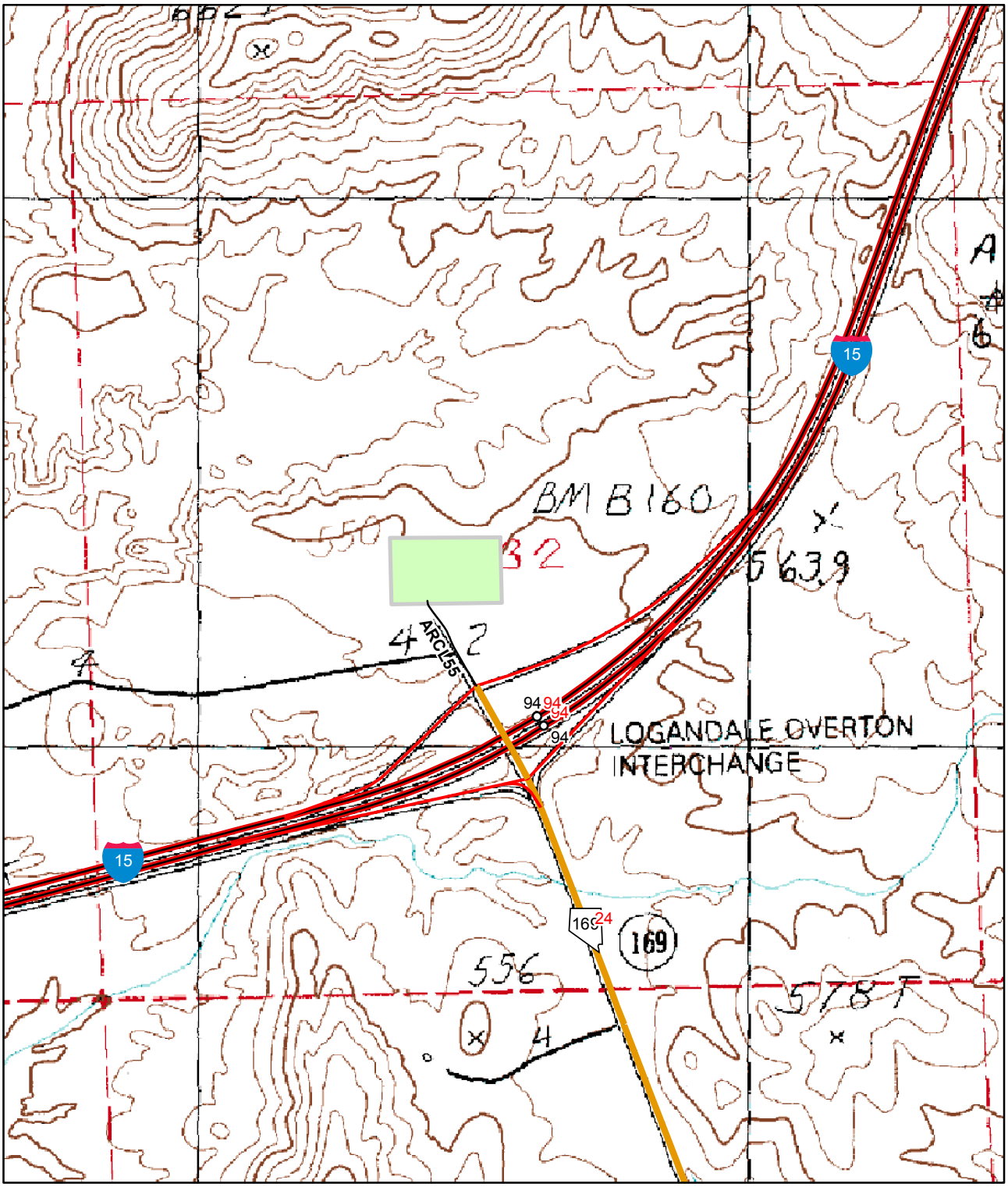



0 0.03 0.06 0.12 0.18 0.24 Miles

N W E S

The "green" shaded area represents the Maintenance Facility's property layout.

# Glendale Maintenance Station
# Location Map
# SR-169 CL 24.2

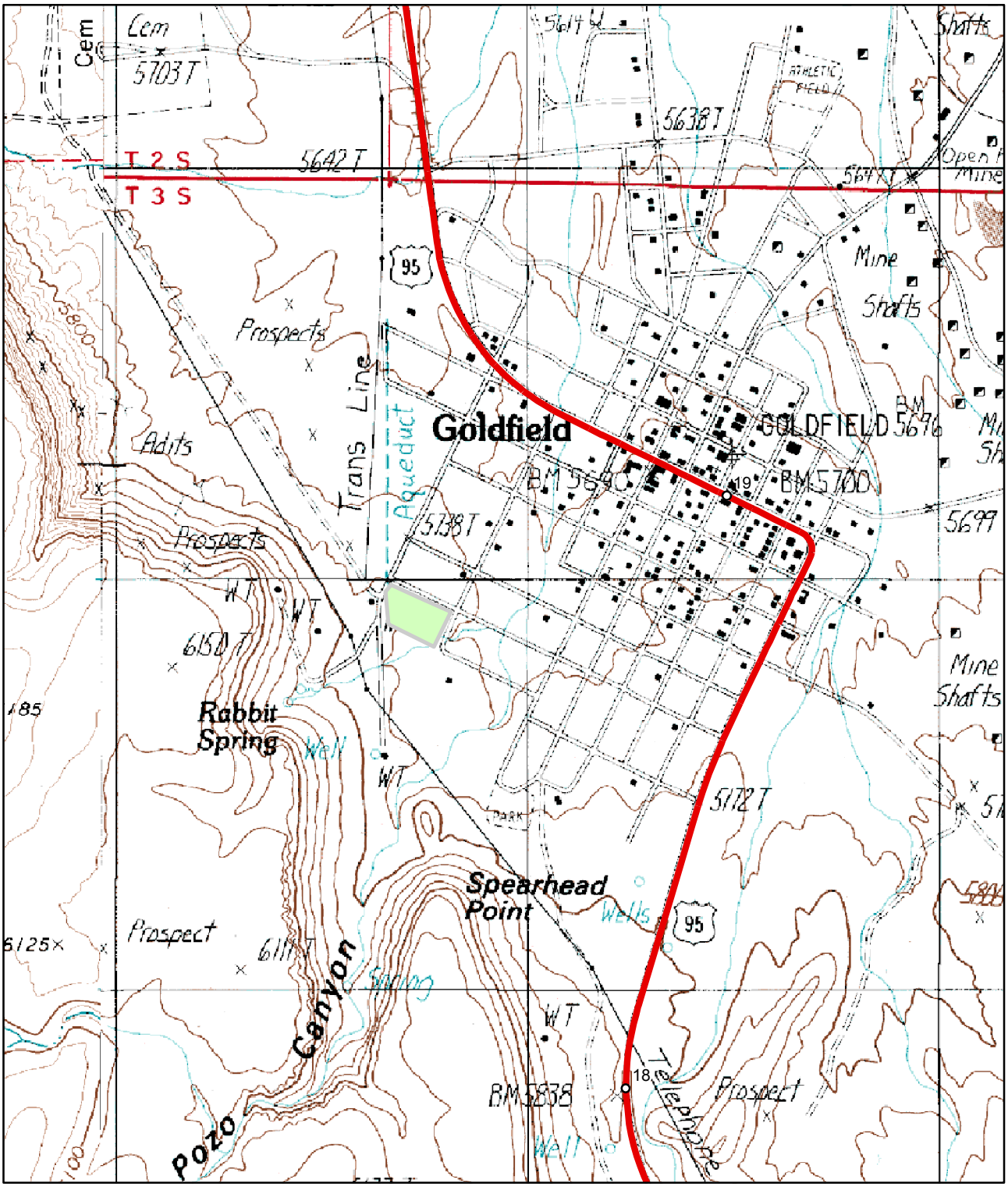



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Goldfield Maintenance Station
# Location Map
# US-95 ES 19.5

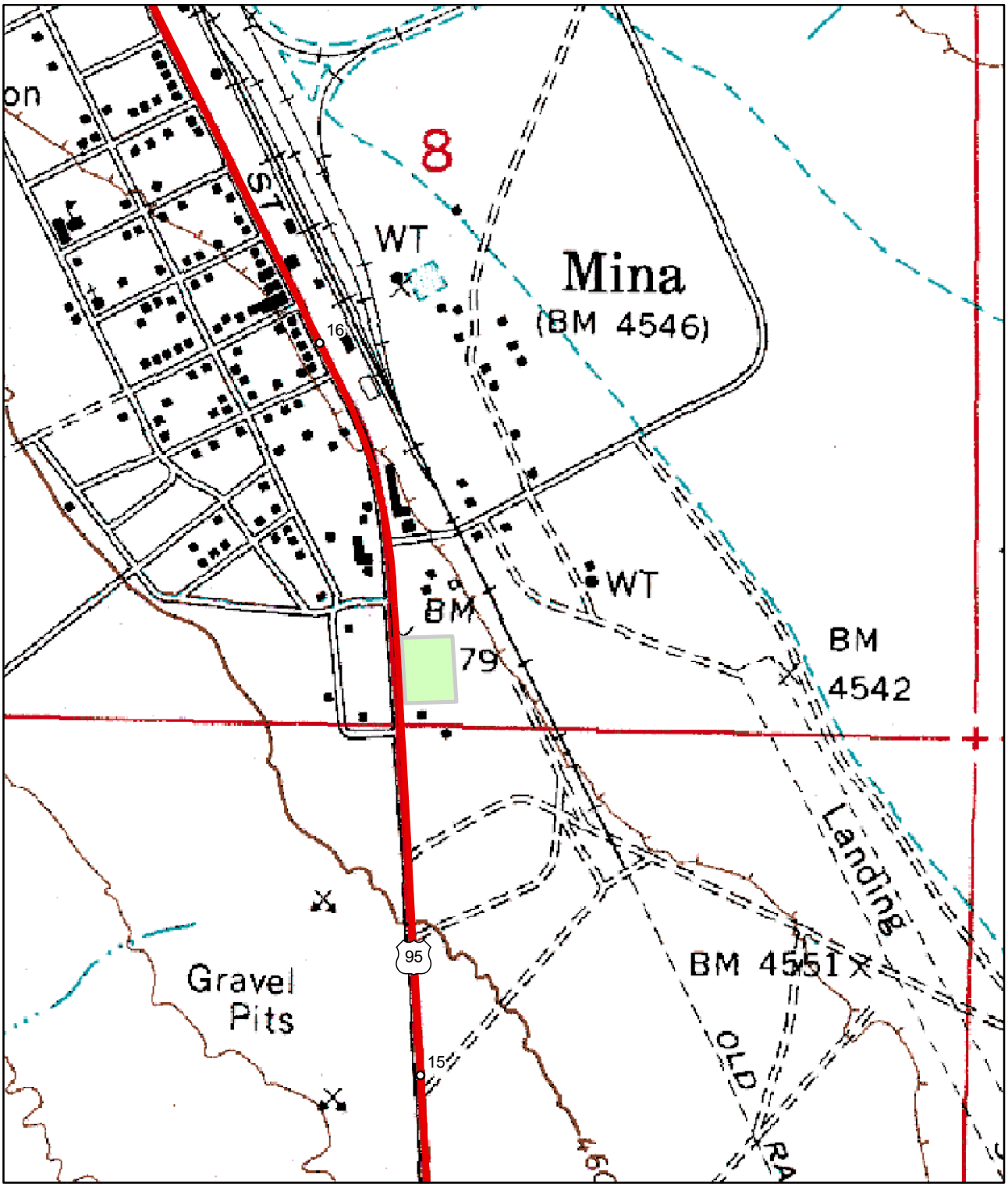



0 0.075 0.15 0.3 0.45 0.6 Miles

N
W E
S

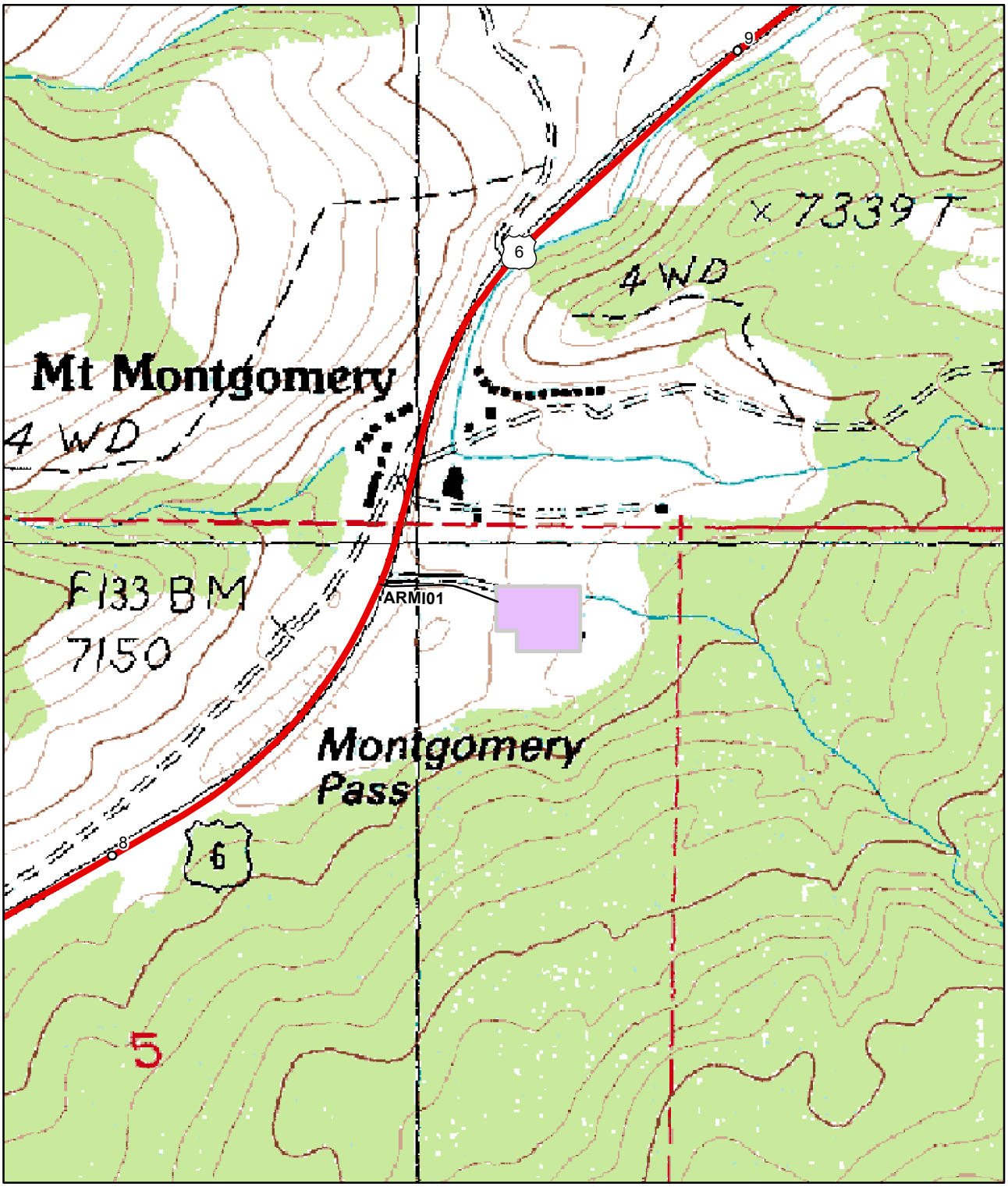
The "green" shaded area represents the Maintenance Facility's property layout.

# Mina Maintenance Station
# Location Map
# US-95 MI 15.7




The "green" shaded area represents the Maintenance Facility's property layout.

# Montgomery Pass Maintenance Station
# Location Map
# US-6 MI 8.4

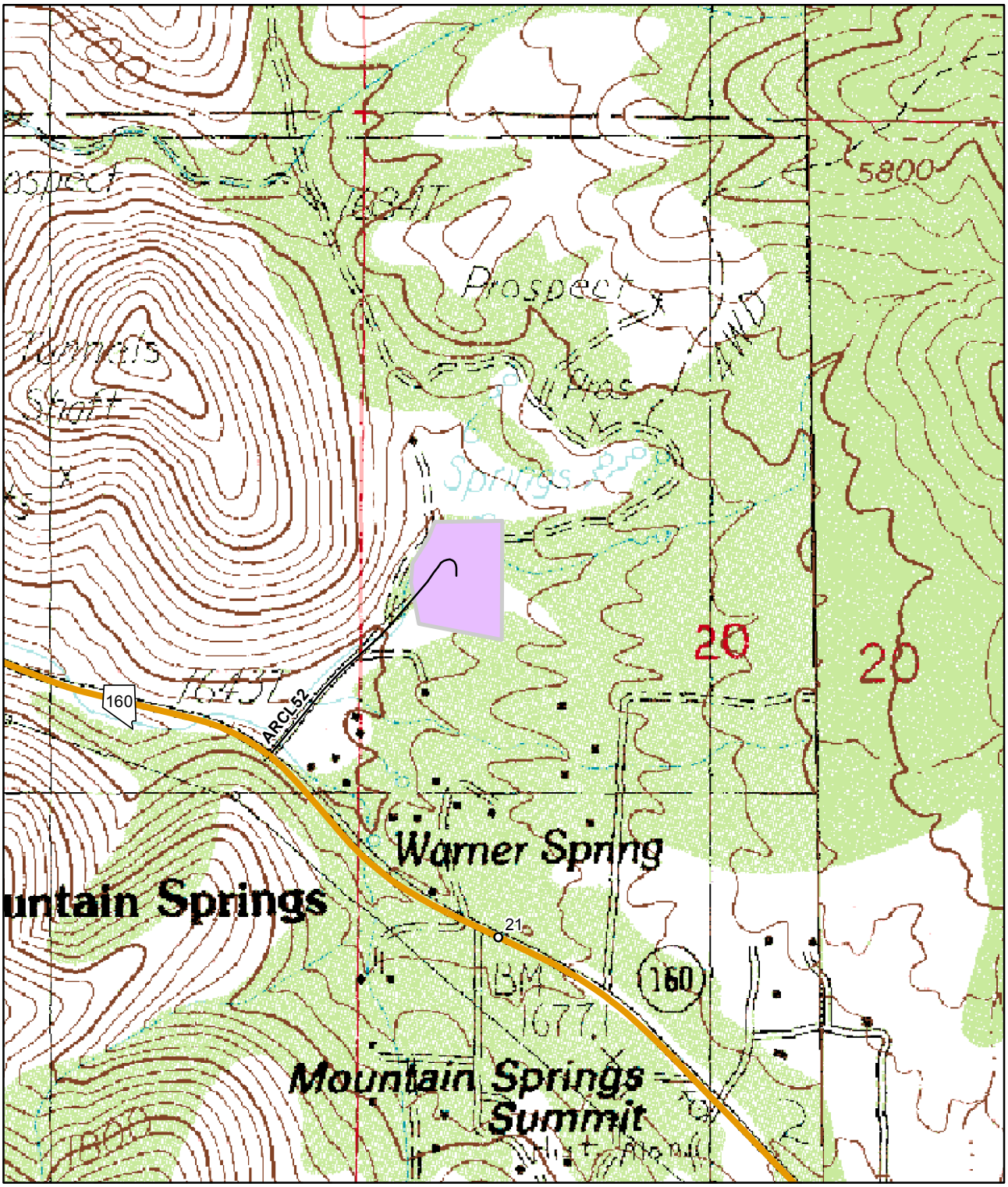



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Mountain Springs Maintenance Station
# Location Map
# SR-160 CL 21.3

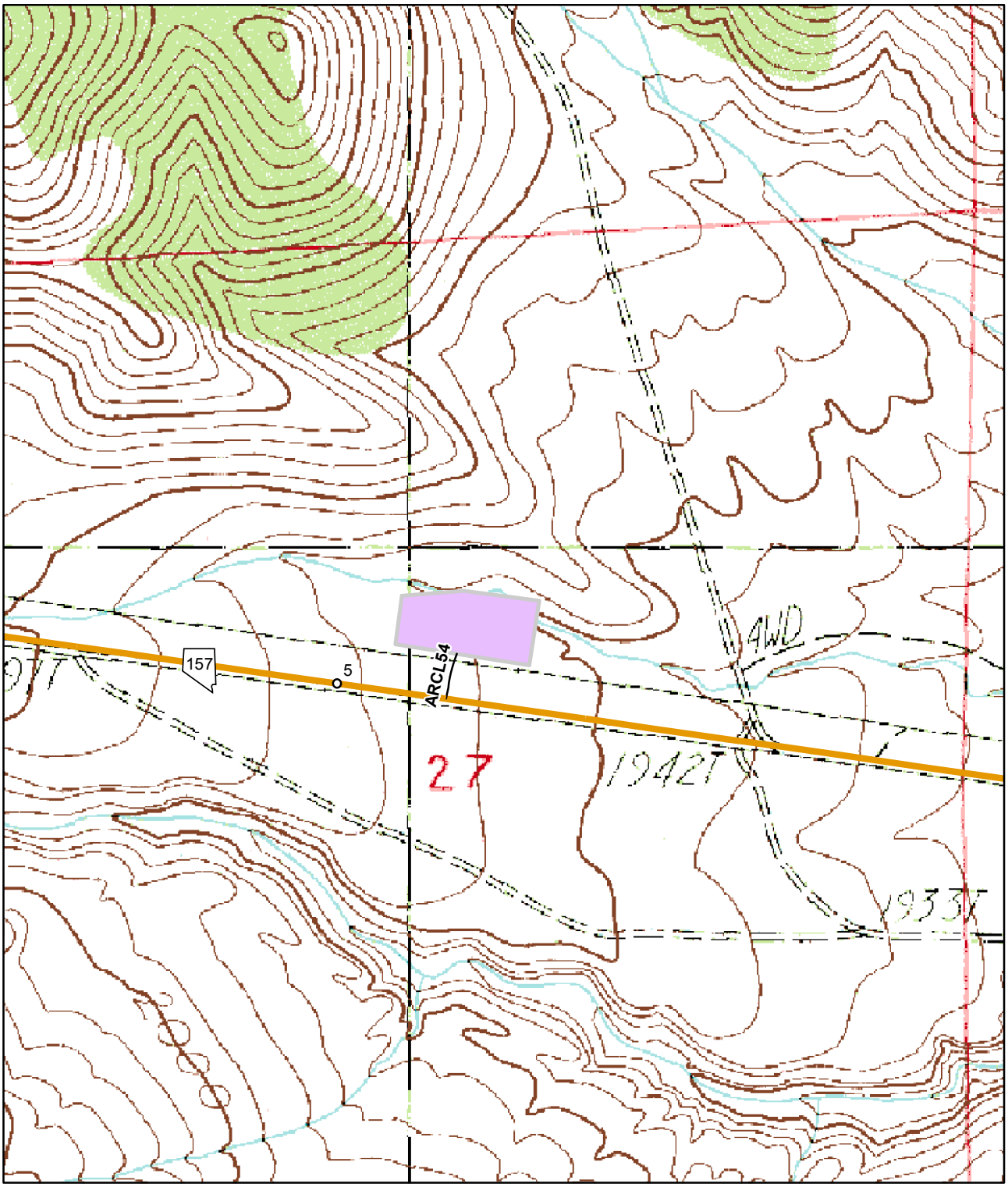



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Mt. Charleston Maintenance Station
# Location Map
# SR-157 CL 5.1

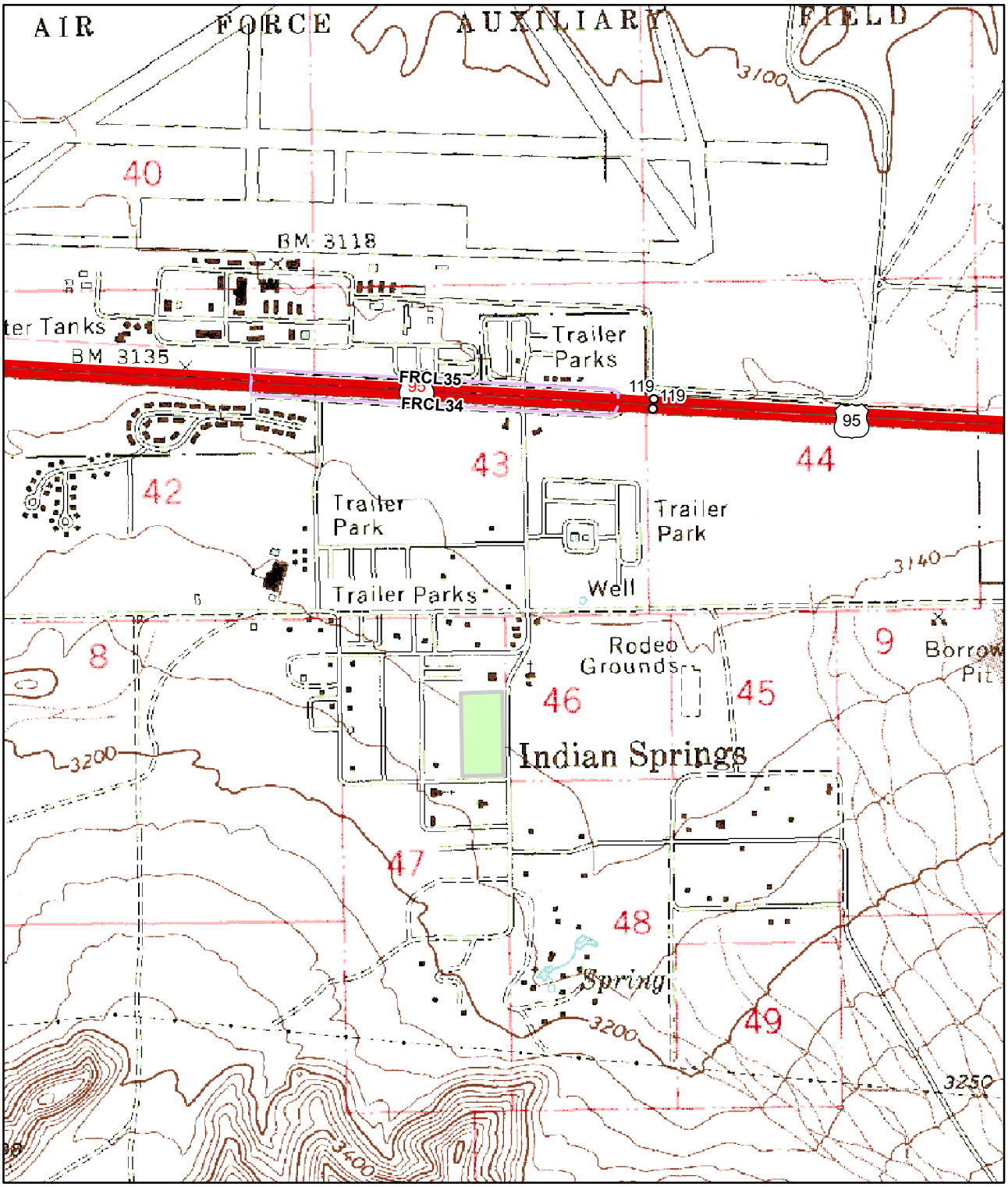



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Old Indian Springs Maintenance Station
# Location Map
# US-95 CL 123.3

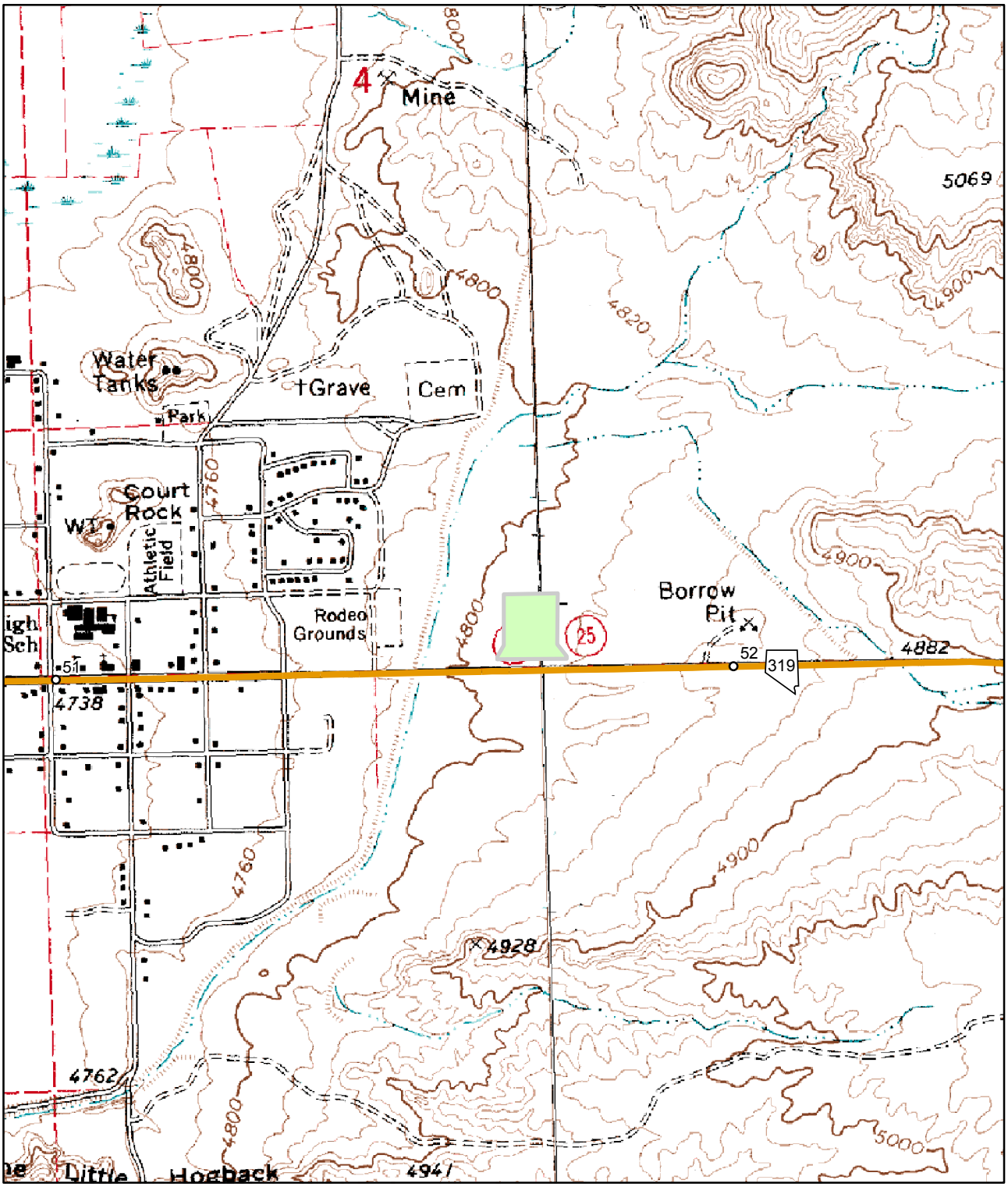



0 0.075 0.15 0.3 0.45 0.6 Miles

N W E S

The "green" shaded area represents the Maintenance Facility's property layout.

# Panaca Maintenance Station
# Location Map
# SR-319 LN 52.0

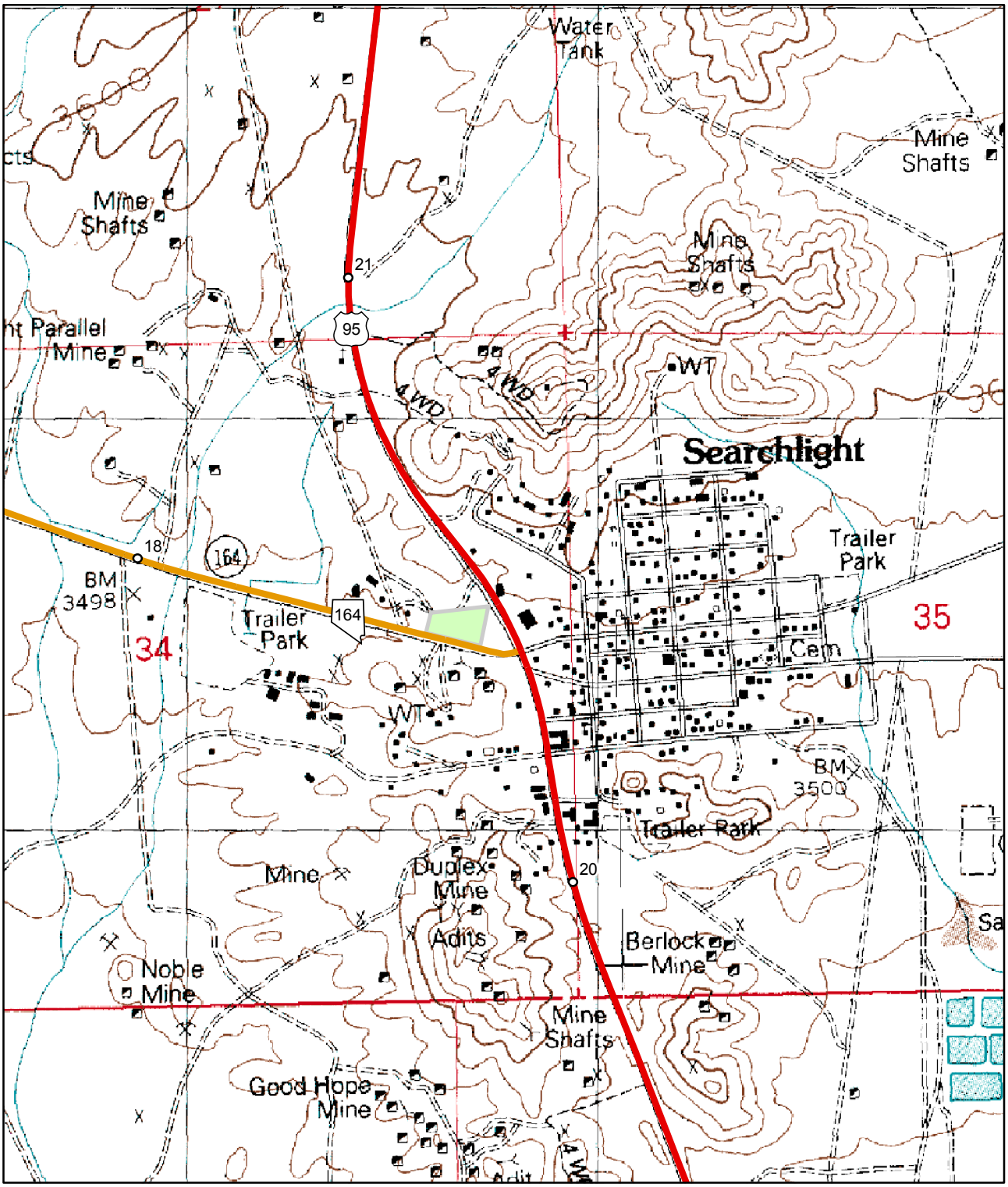



0 0.075 0.15 0.3 0.45 0.6 Miles

N W E S

The "green" shaded area represents the Maintenance Facility's property layout.

# Searchlight Maintenance Station
# Location Map
# SR-164 CL 18.6

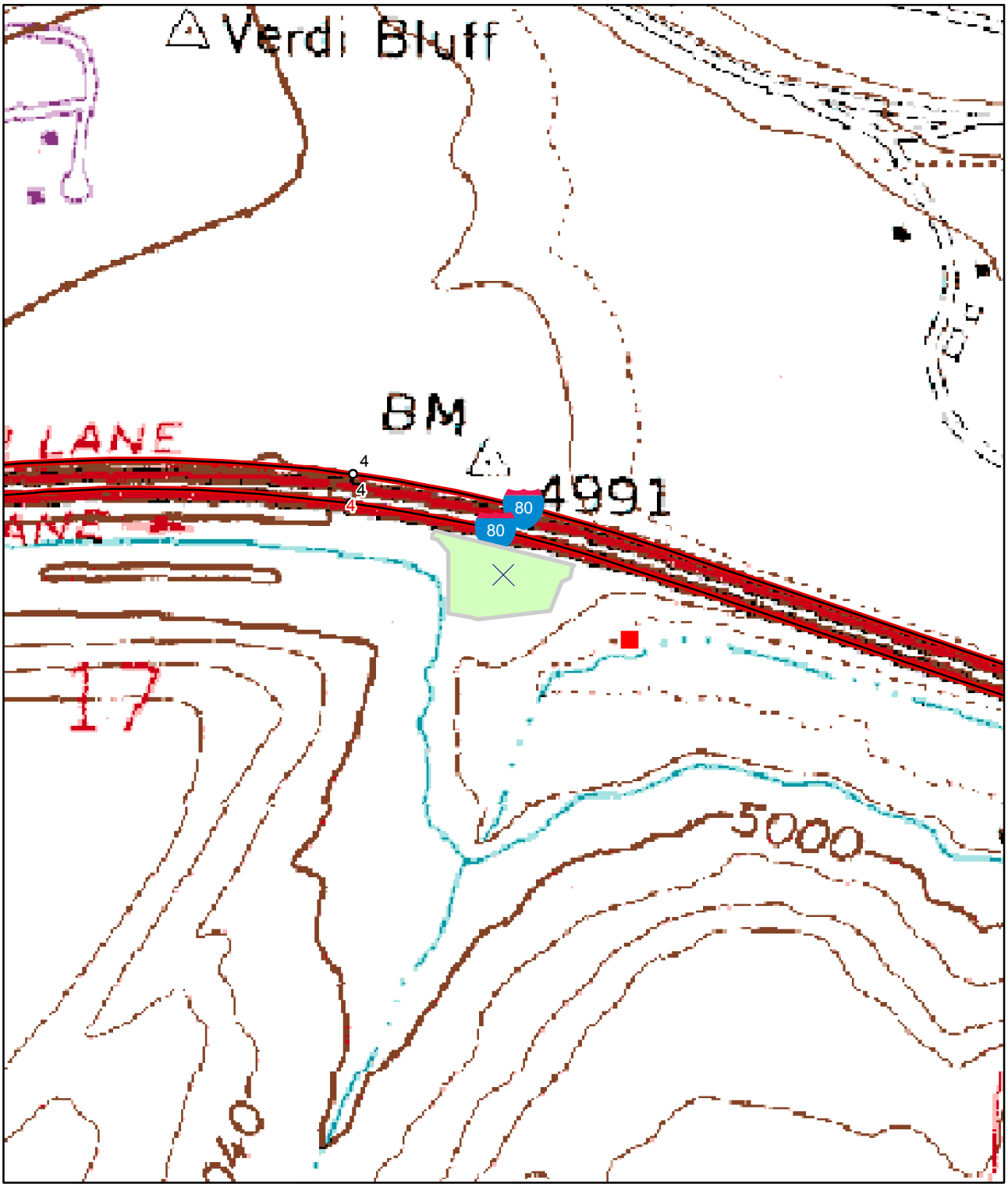



0 0.075 0.15 0.3 0.45 0.6 Miles

N W E S

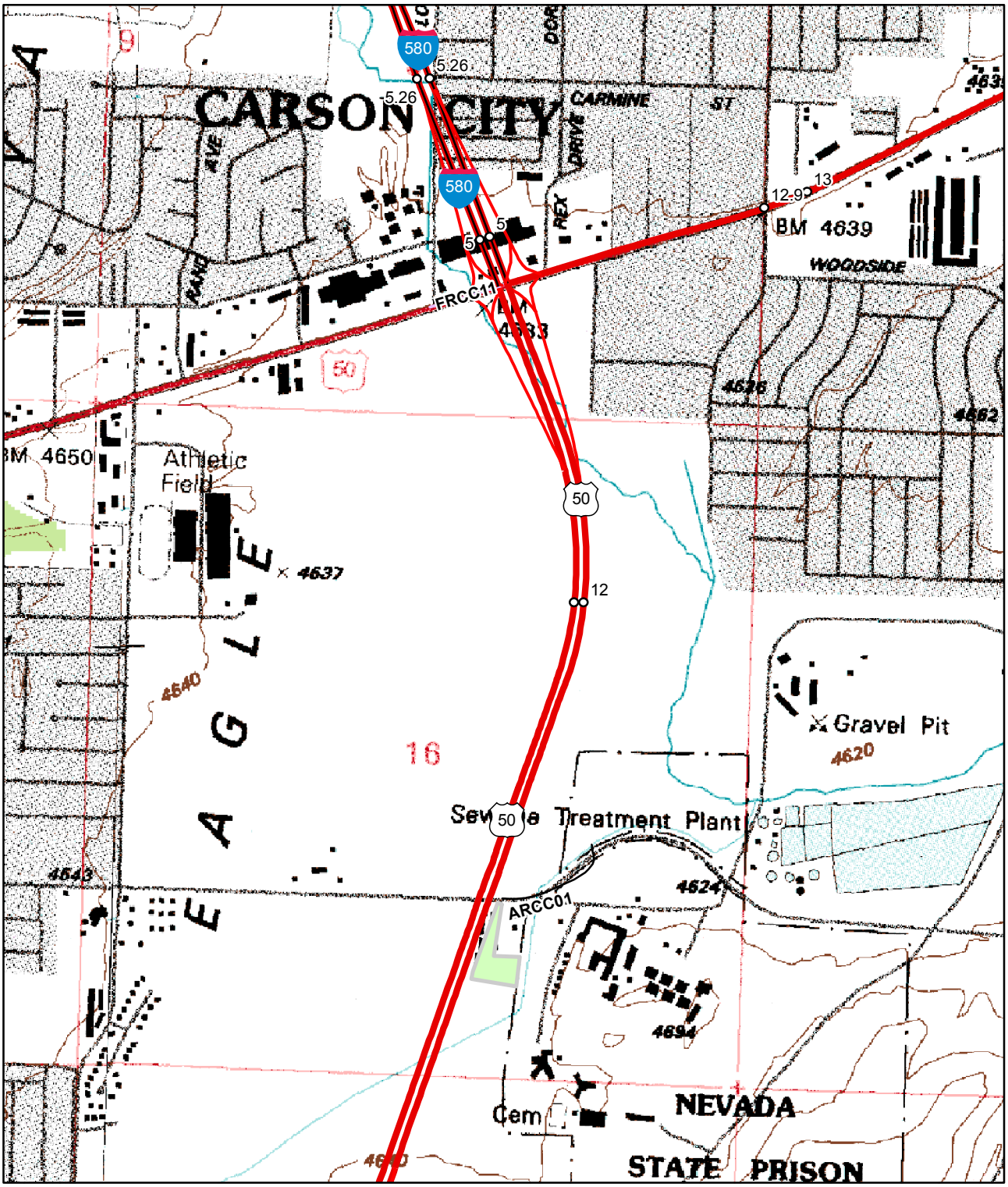
The "green" shaded area represents the Maintenance Facility's property layout.

# Boomtown Maintenance Yard
# Location Map
# I-80 WA 4.0




The "green" shaded area represents the Maintenance Facility's property layout.

# Carson City 5th St. Maintenance Yard
# Location Map
# Carson City

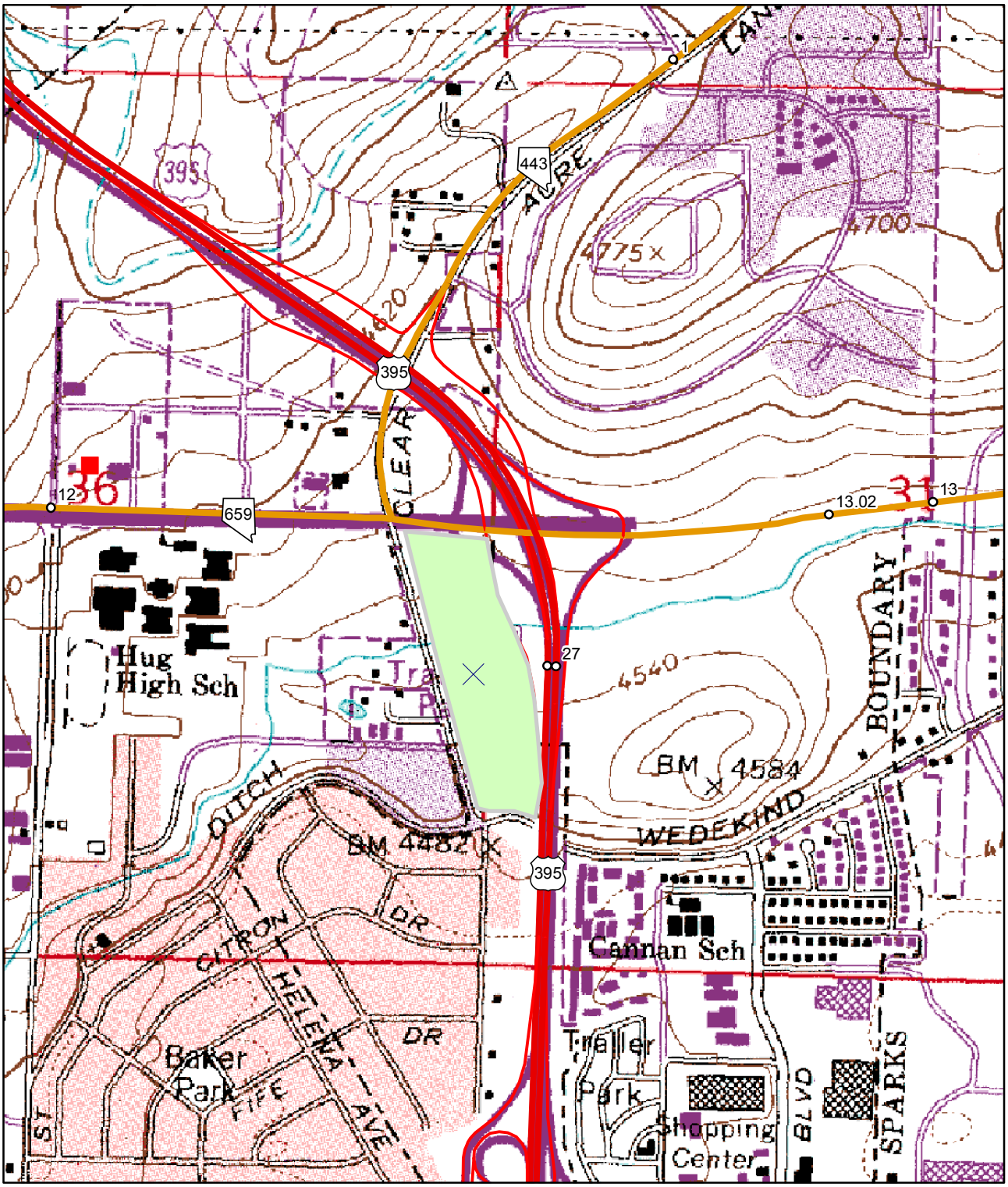



0 0.075 0.15 0.3 0.45 0.6 Miles

N W E S

The "green" shaded area represents the Maintenance Facility's property layout.

# Clear Acre Maintenance Yard
# Location Map
# I-580 WA 27.2

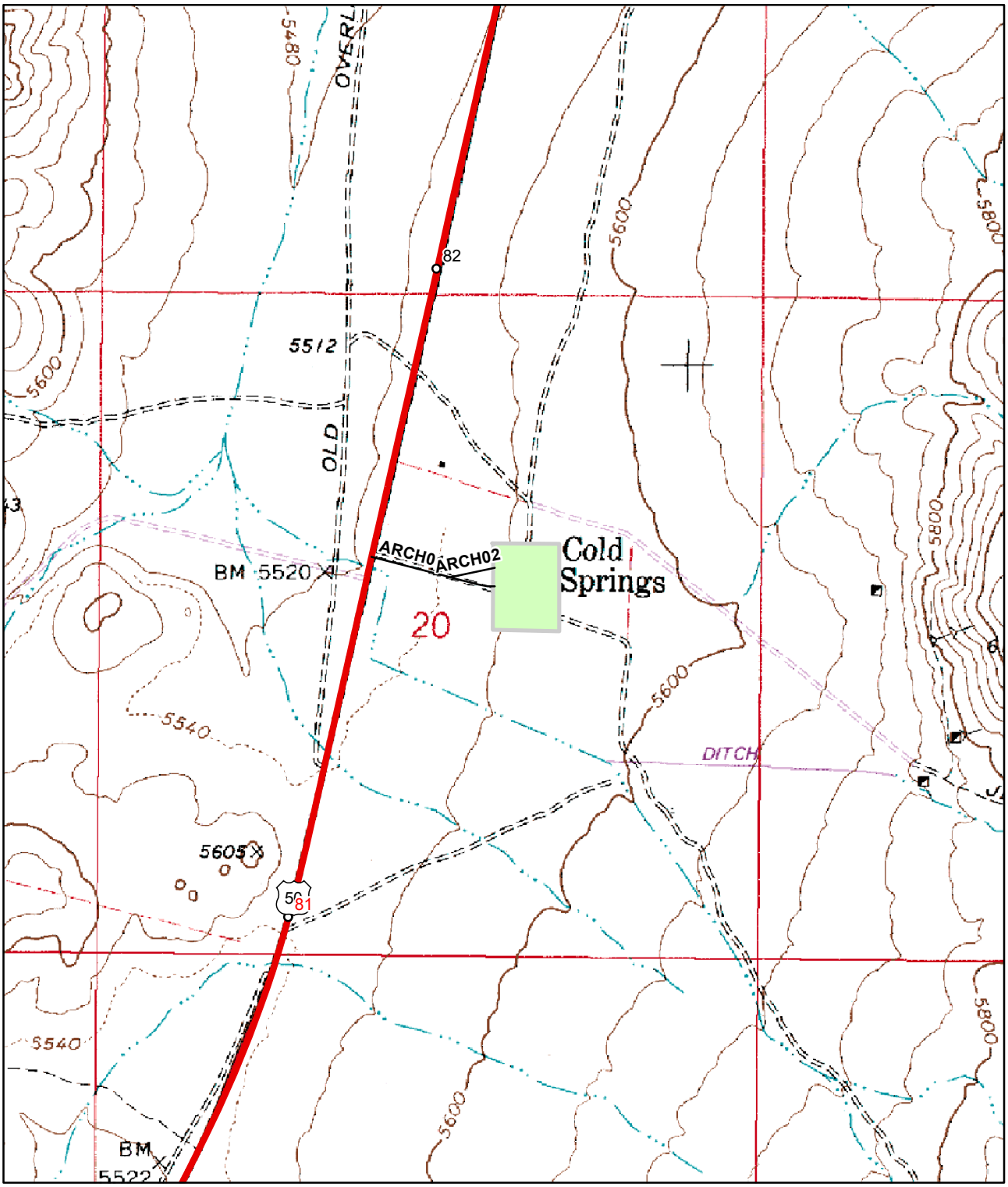



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Cold Springs Maintenance Station
# Location Map
# ARCH-01 CH 0.0

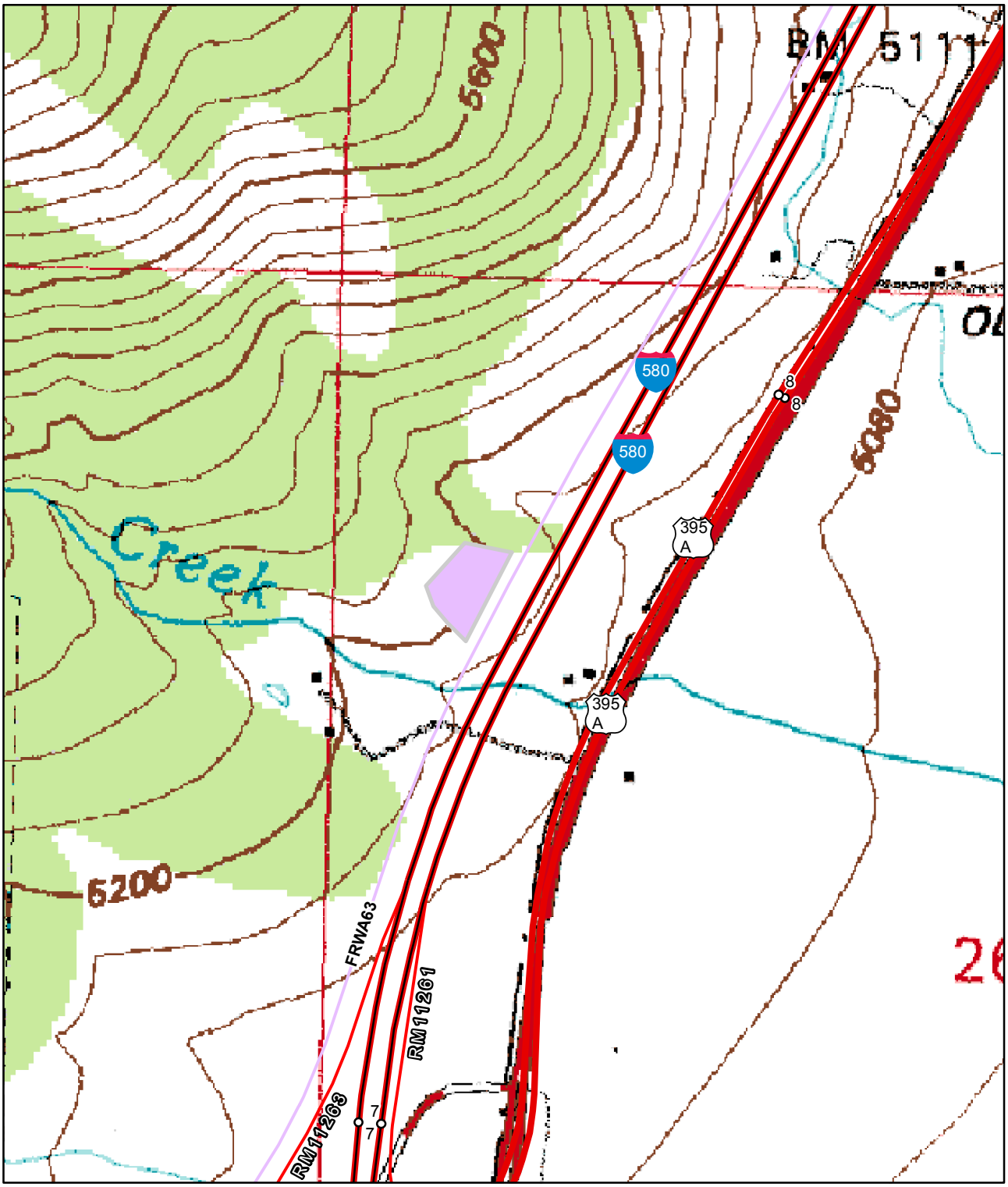



0 0.075 0.15 0.3 0.45 0.6 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Comanche Maintenance Yard
# Location Map
# SR-429 WA 7.4

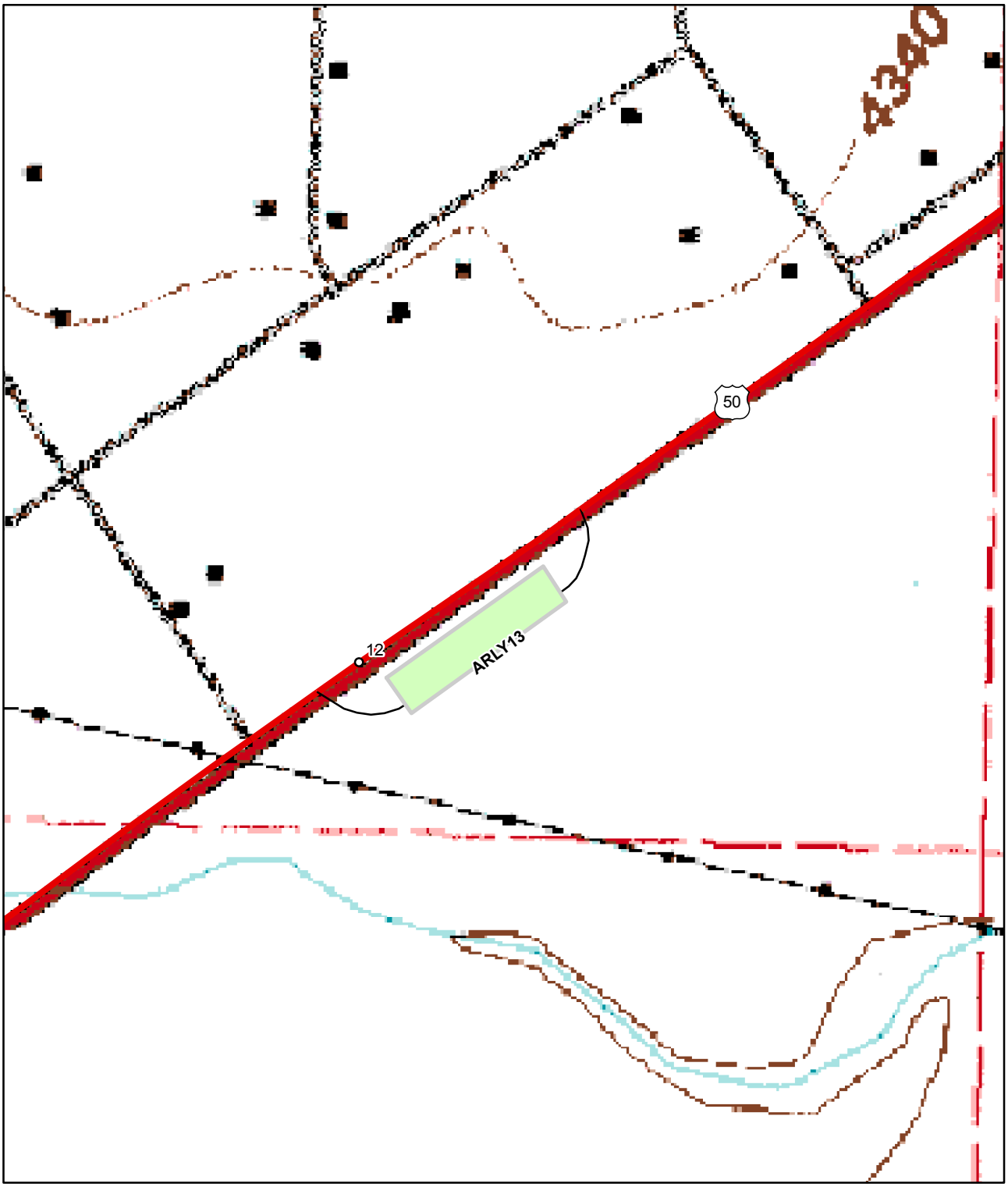



0 0.0475 0.095 0.19 0.285 0.38 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Dayton/La Fond Maintenance Yard
# Location Map
# US-50 LY 12.0

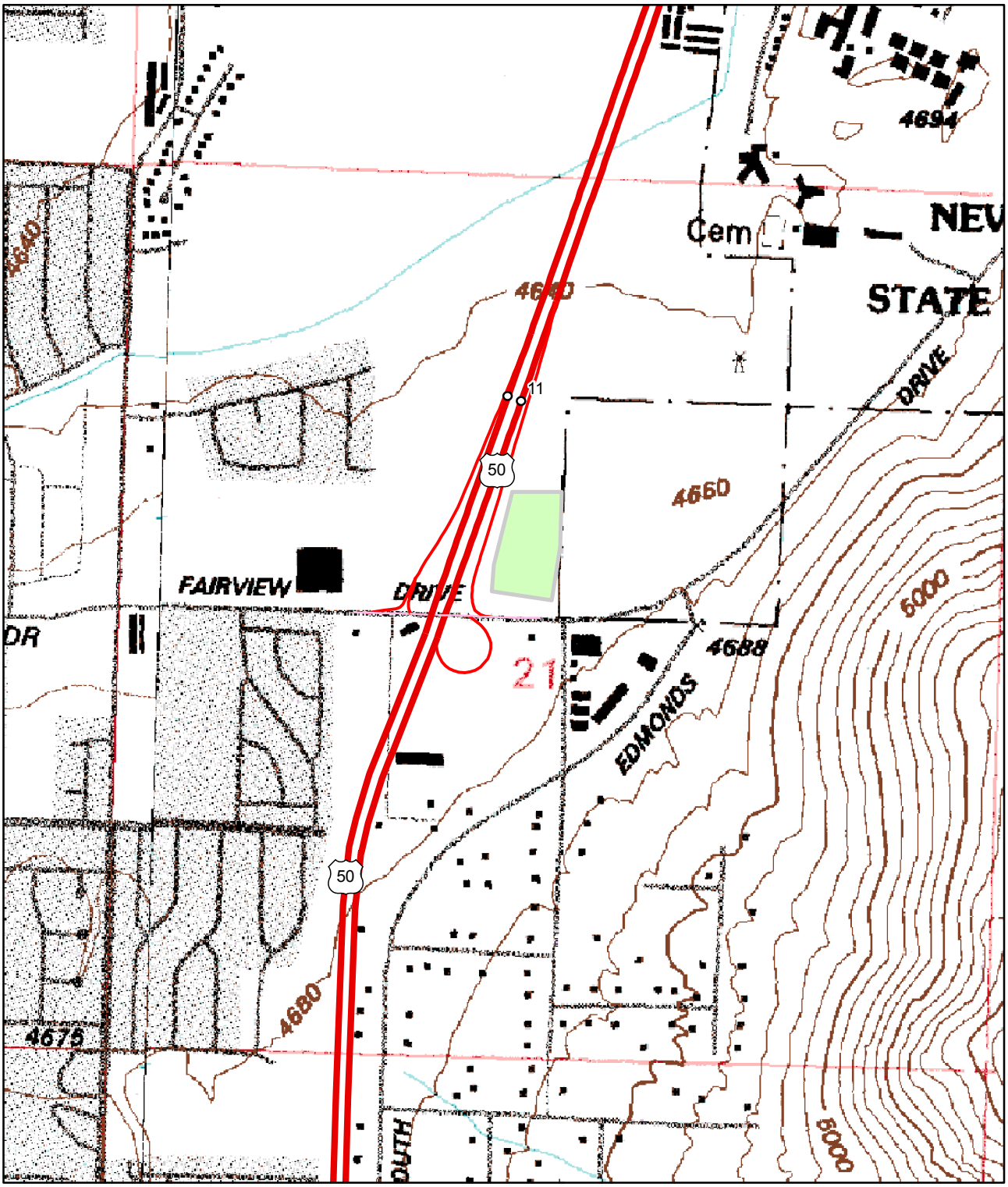



0 0.03 0.06 0.12 0.18 0.24 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Fairview Maintenance Yard
# Location Map
# US-50 CC 10.7

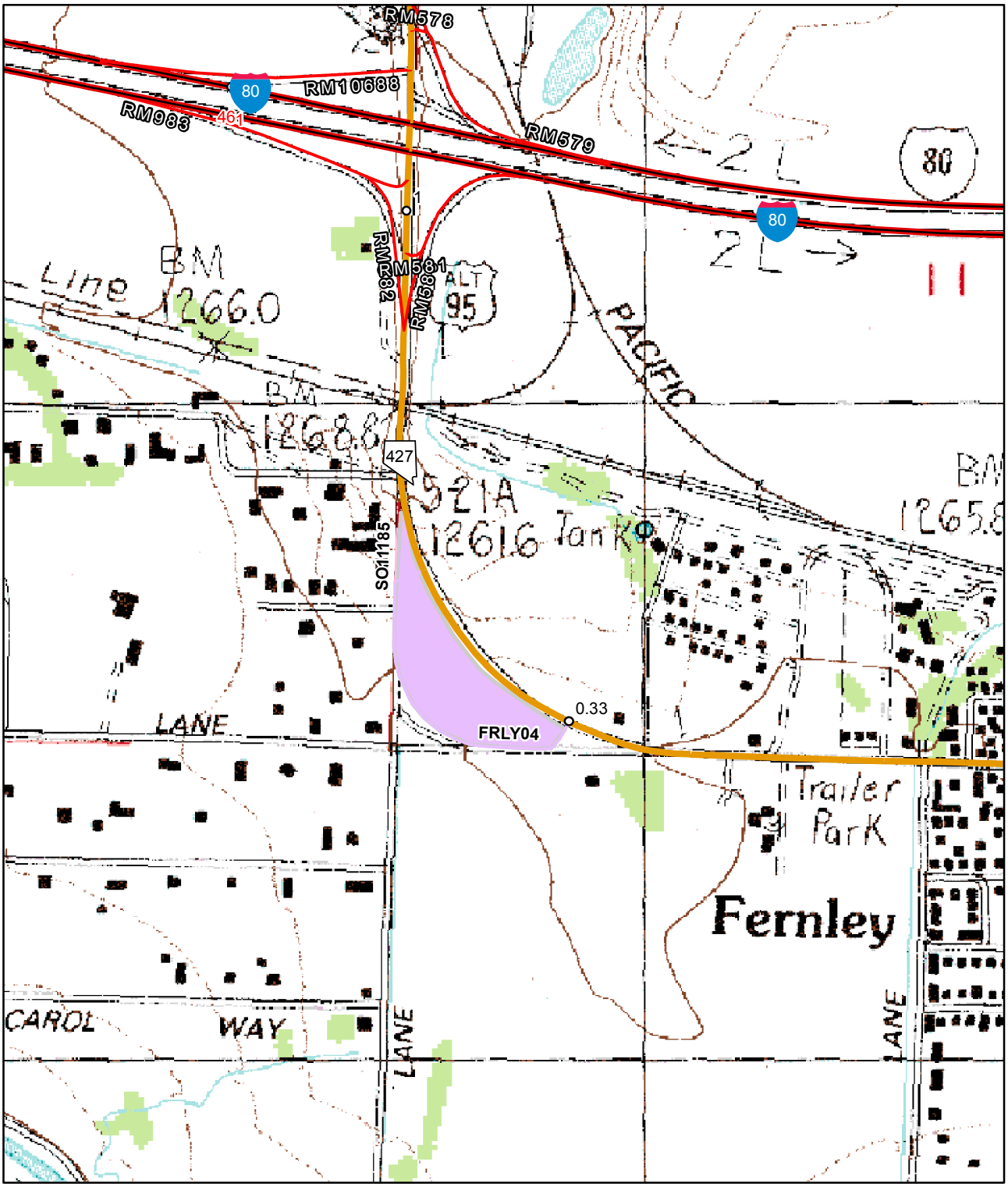



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Fernley Maintenance Station
# Location Map
# SR-427 LY 1.0

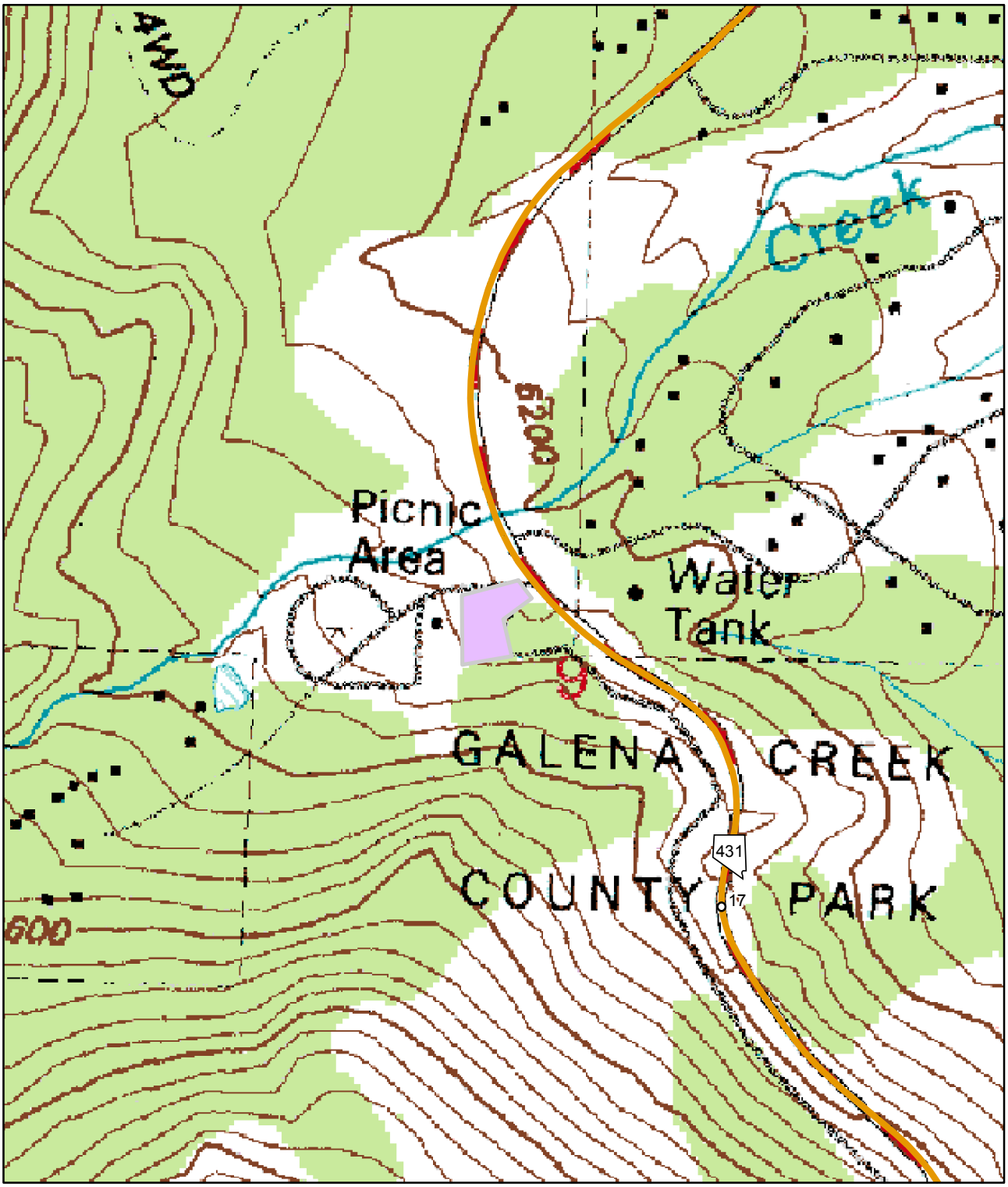



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Galena Creek Maintenance Station
# Location Map
# SR-431 WA 17.3

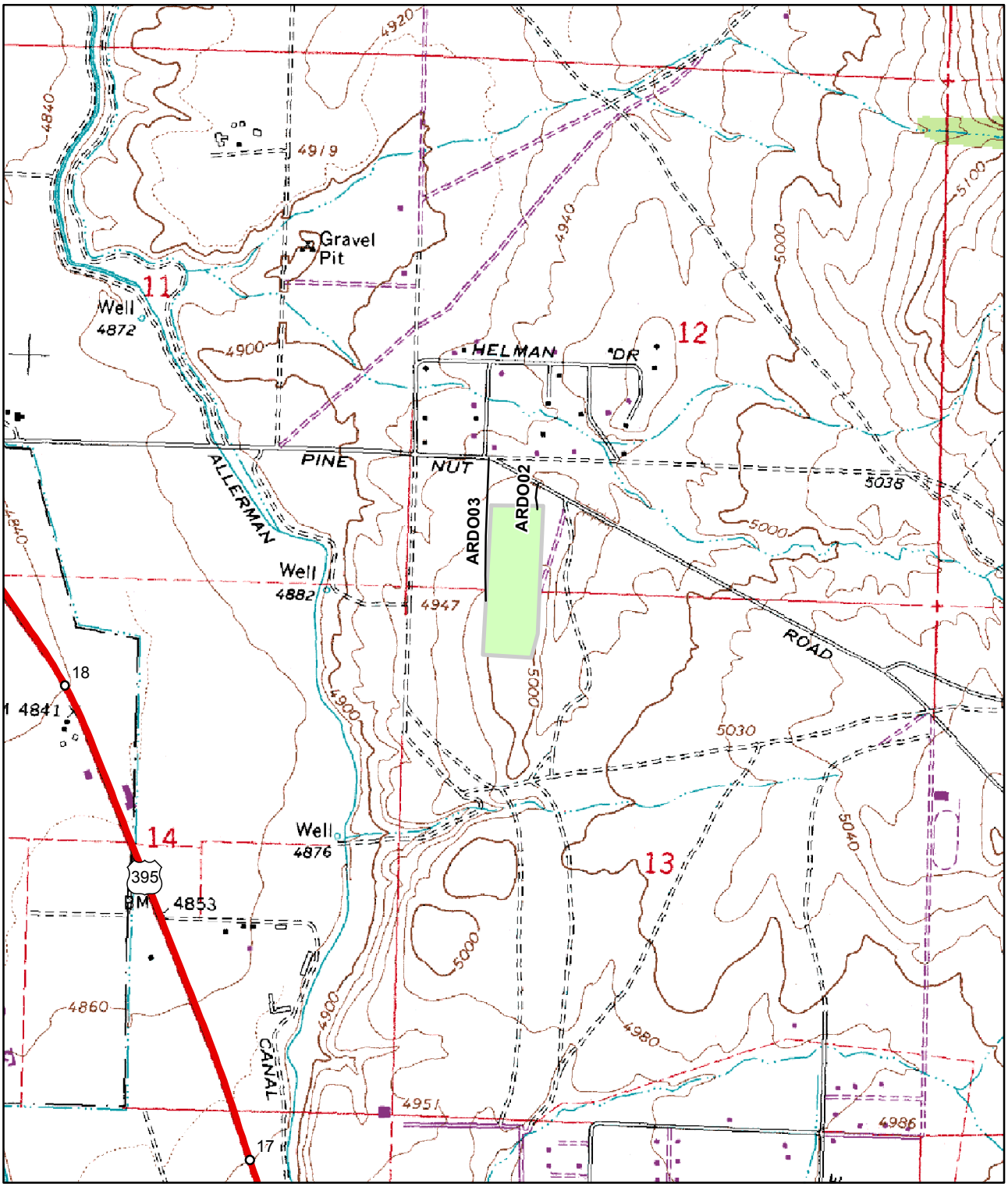



0 0.0475 0.095 0.19 0.285 0.38 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Gardnerville Maintenance Station
# Location Map
# US-395 DO 18.8

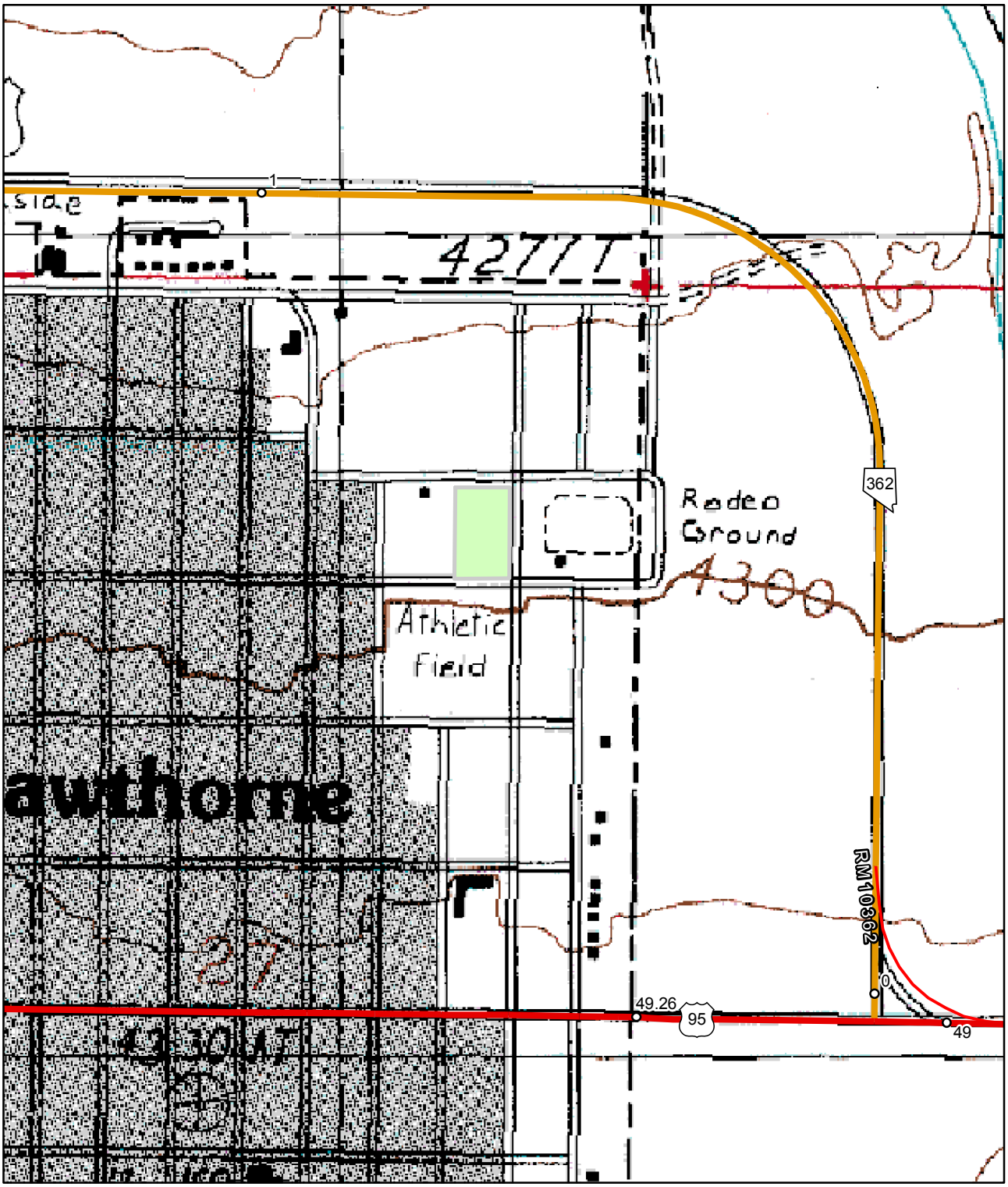



0 0.1 0.2 0.4 0.6 0.8 Miles

N W E S

The "green" shaded area represents the Maintenance Facility's property layout.

# Hawthorne Maintenance Station
# Location Map
# US-95 MI 49.4




0 0.0475 0.095 0.19 0.285 0.38 Miles

N W E S

The "green" shaded area represents the Maintenance Facility's property layout.

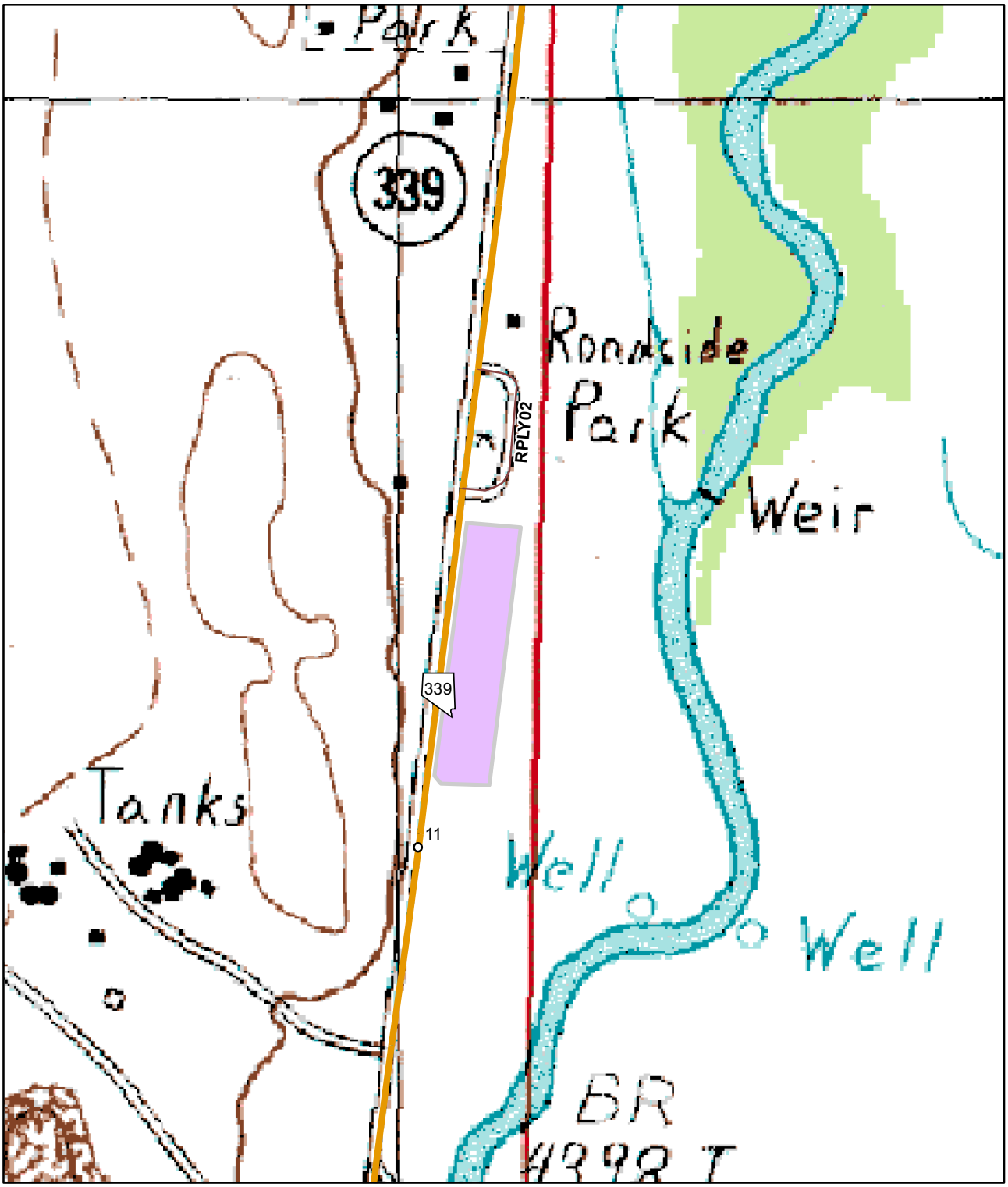
# Incline Village Maintenance Station
# Location Map
# SR-431 WA 0.1

0 0.075 0.15 0.3 0.45 0.6 Miles

N W E S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Log Cabin Maintenance Yard
# Location Map
# SR-339 LY 11.2

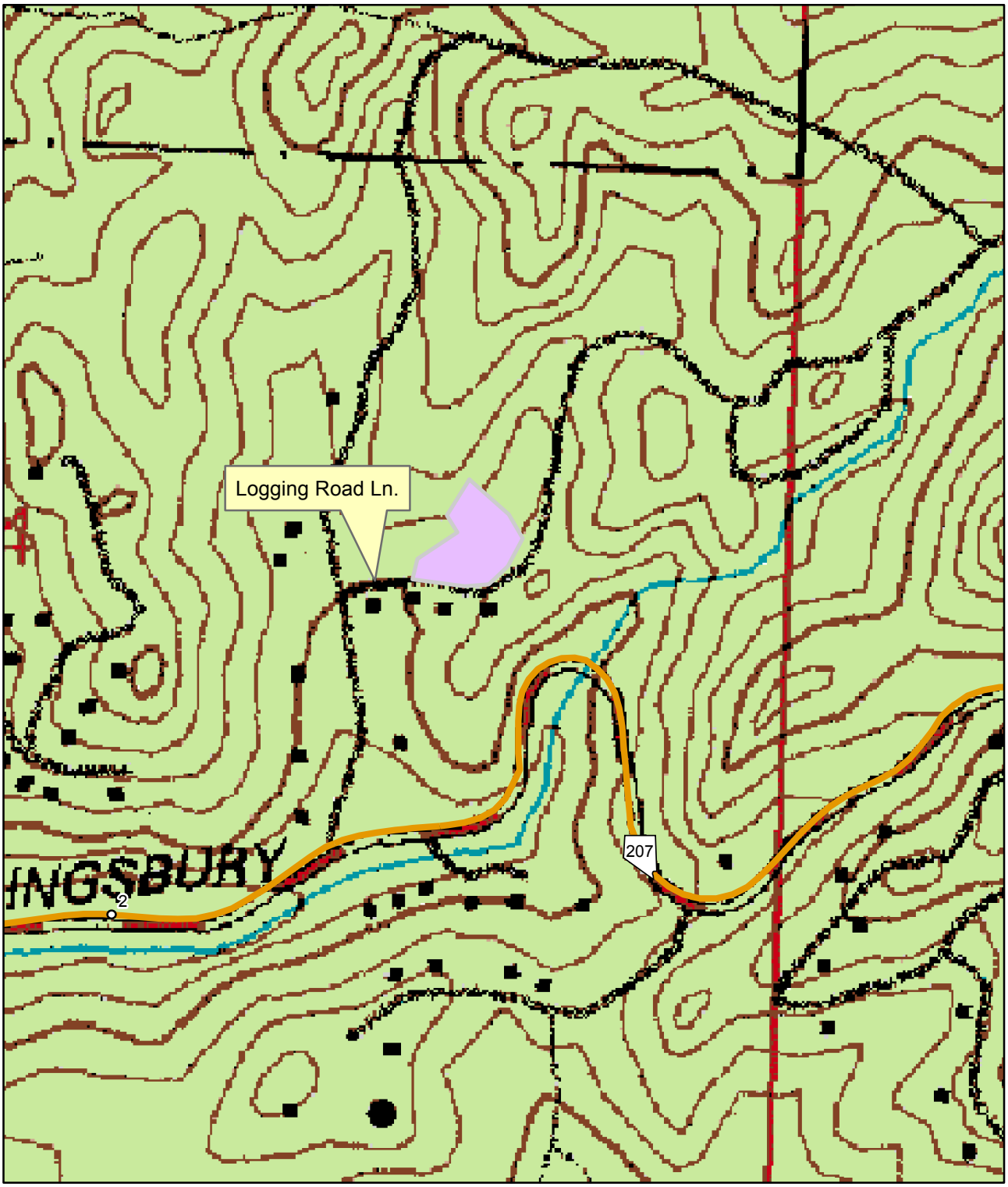



0 0.035 0.07 0.14 0.21 0.28 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Logging Road Ln. Maintenance Yard
# Location Map
# Logging Road Lane, DO

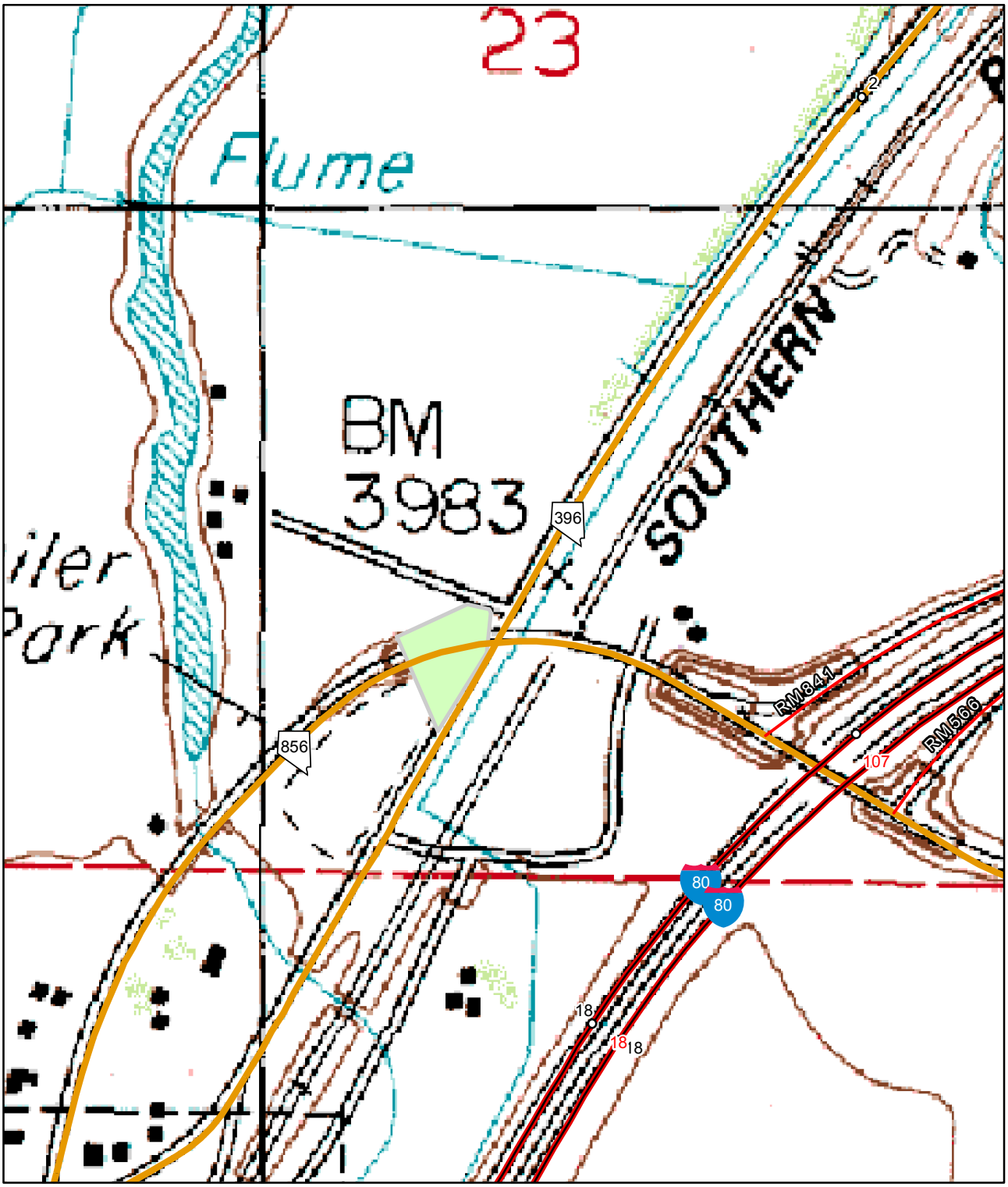



0 0.035 0.07 0.14 0.21 0.28 Miles

N W E S

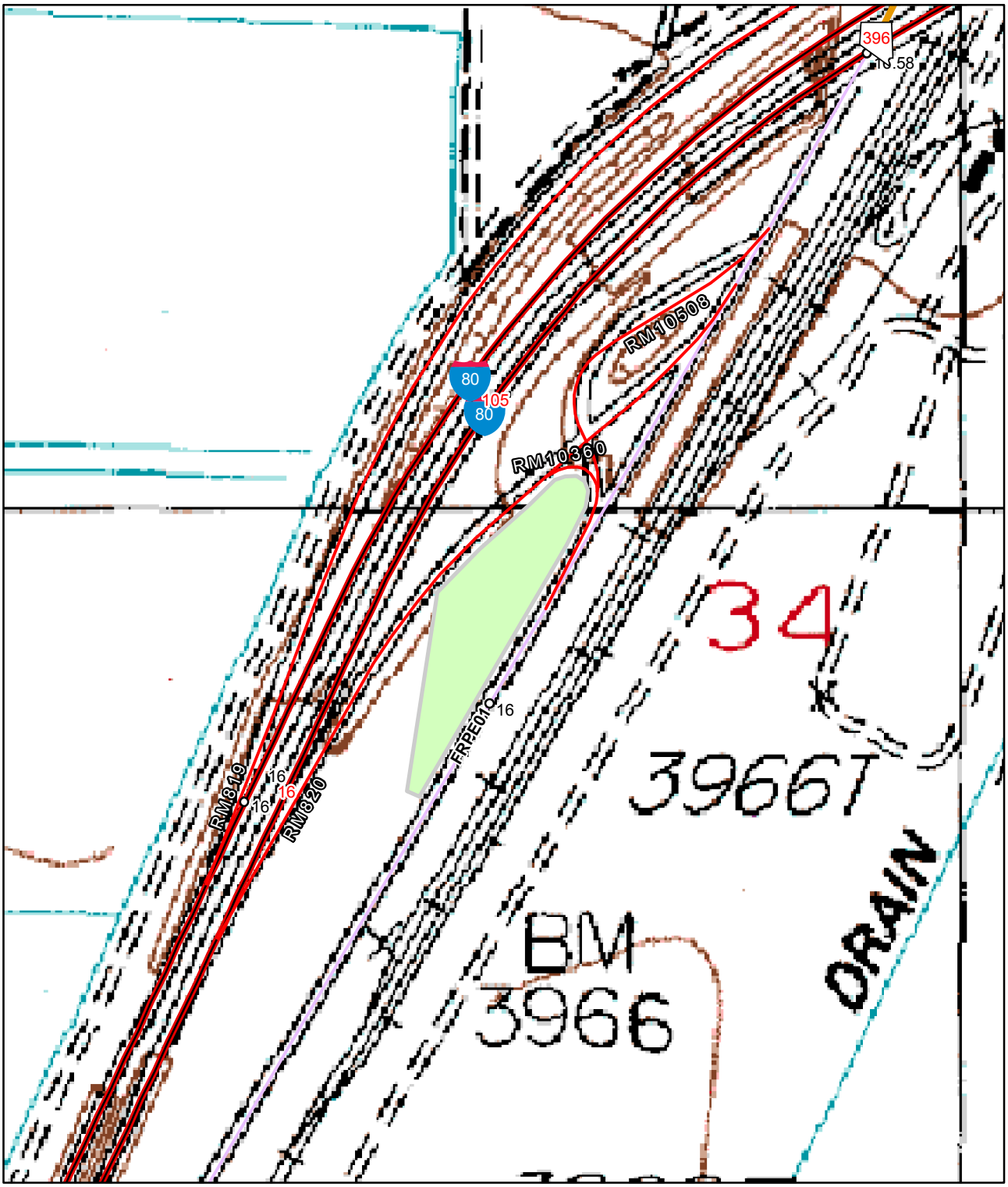
The "purple" shaded area represents the Maintenance Facility's property layout.

# Lovelock North (KOA) Maintenance Yard
# Location Map
# SR-396 PE 1.6




The "green" shaded area represents the Maintenance Facility's property layout.

# Lovelock South (Stockpile) Maintenance Yard
# Location Map
# FRPE01 PE 16.5

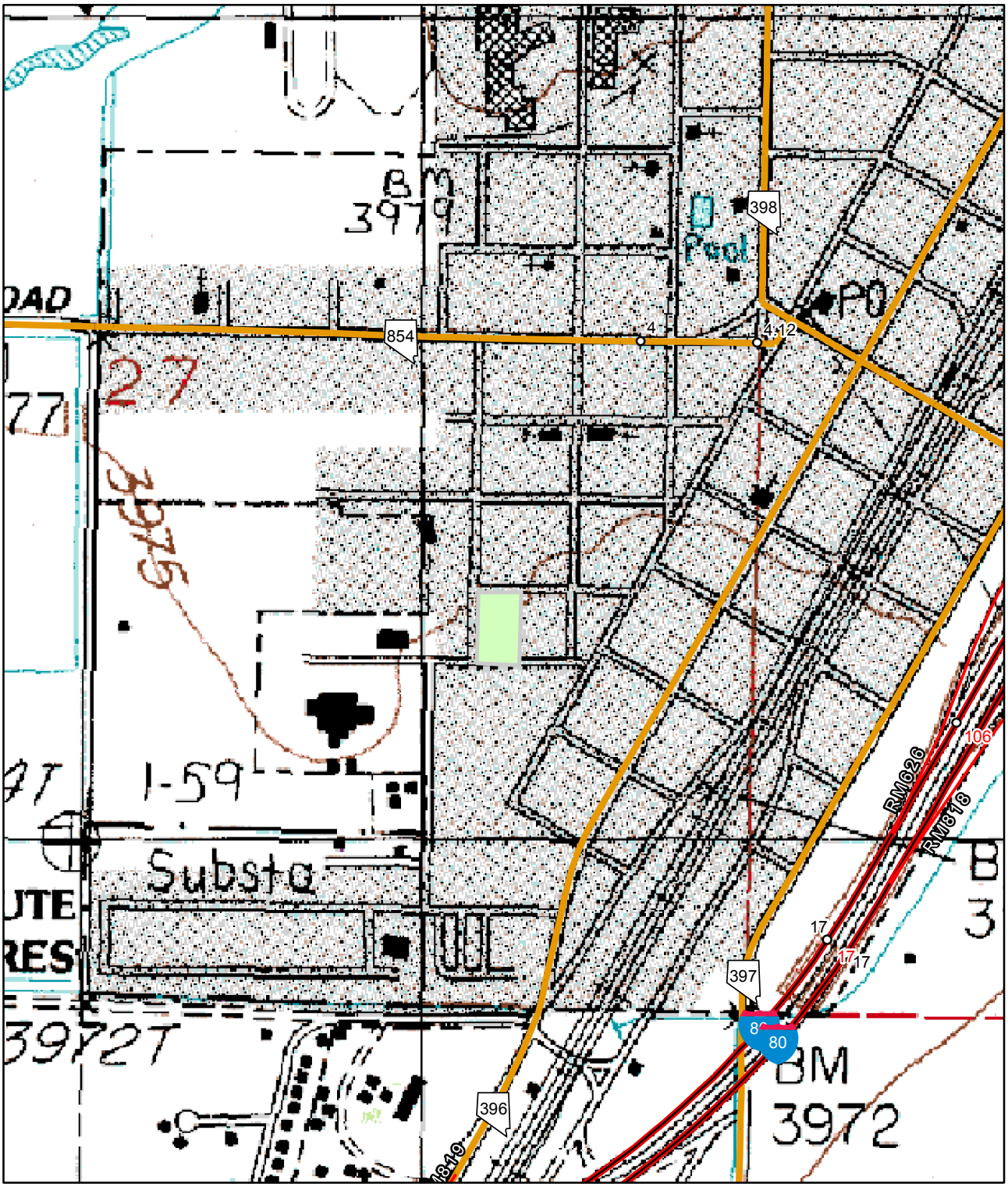



0 0.0325 0.065 0.13 0.195 0.26 Miles

N W E S

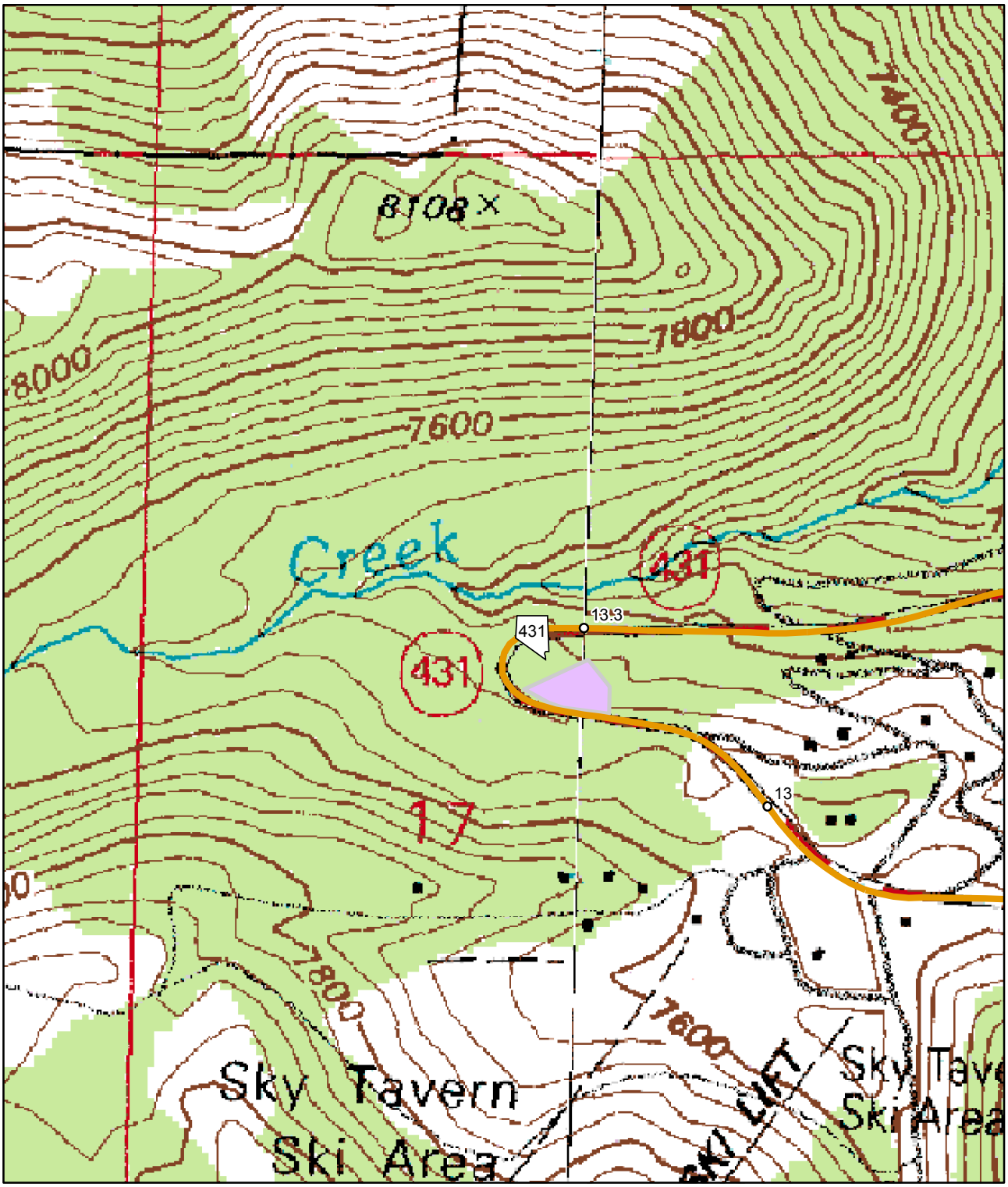
The "green" shaded area represents the Maintenance Facility's property layout.

# Lovelock Maintenance Station
# Location Map
# 690 Grinnel Ave, Lovelock  PE




The "green" shaded area represents the Maintenance Facility's property layout.

# Mt. Rose Maintenance Station
# Location Map
# SR-431 WA 13.0

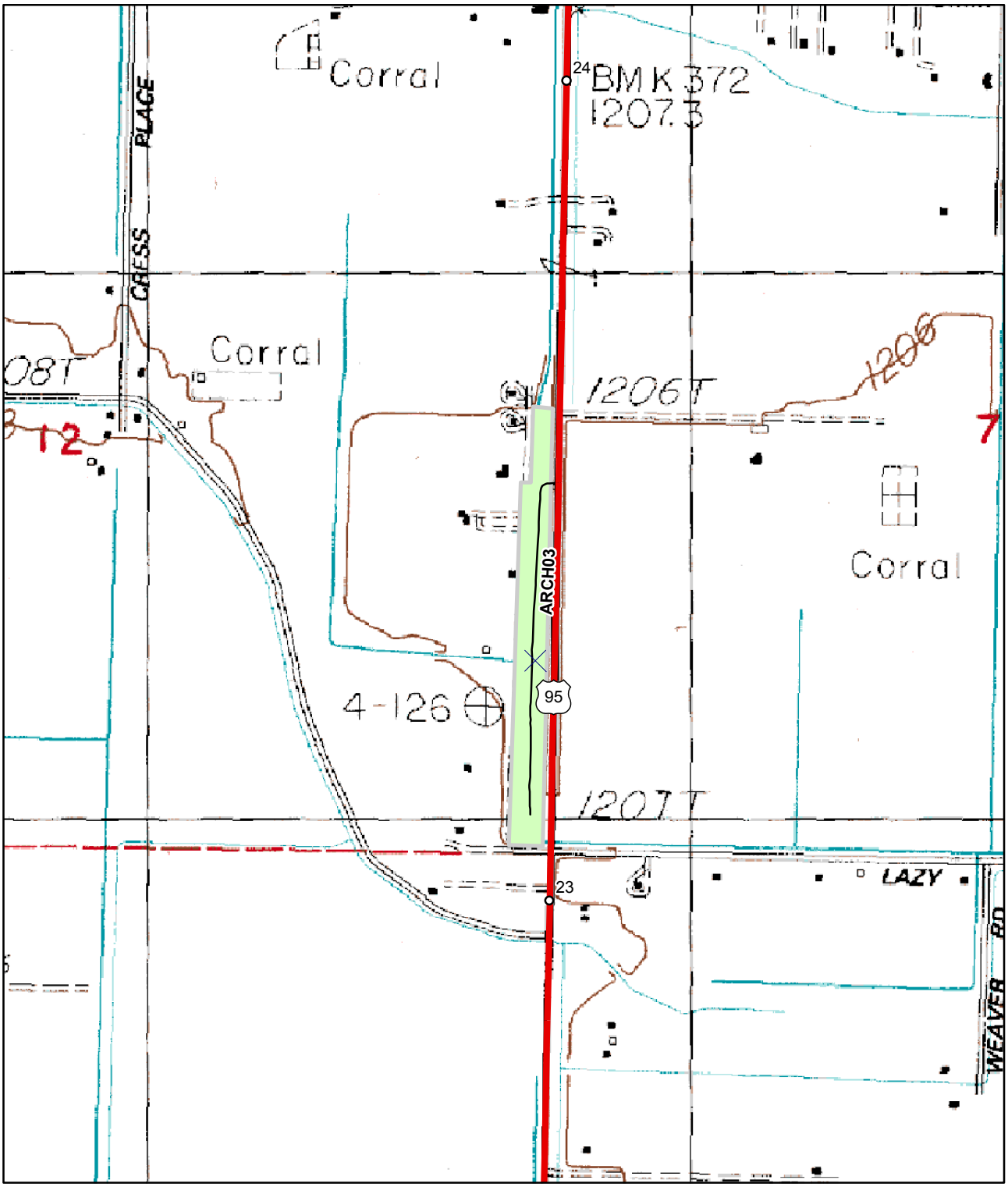



0 0.0475 0.095 0.19 0.285 0.38 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Smart Maintenance Yard
# Location Map
# US-95 CH 23.7




0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

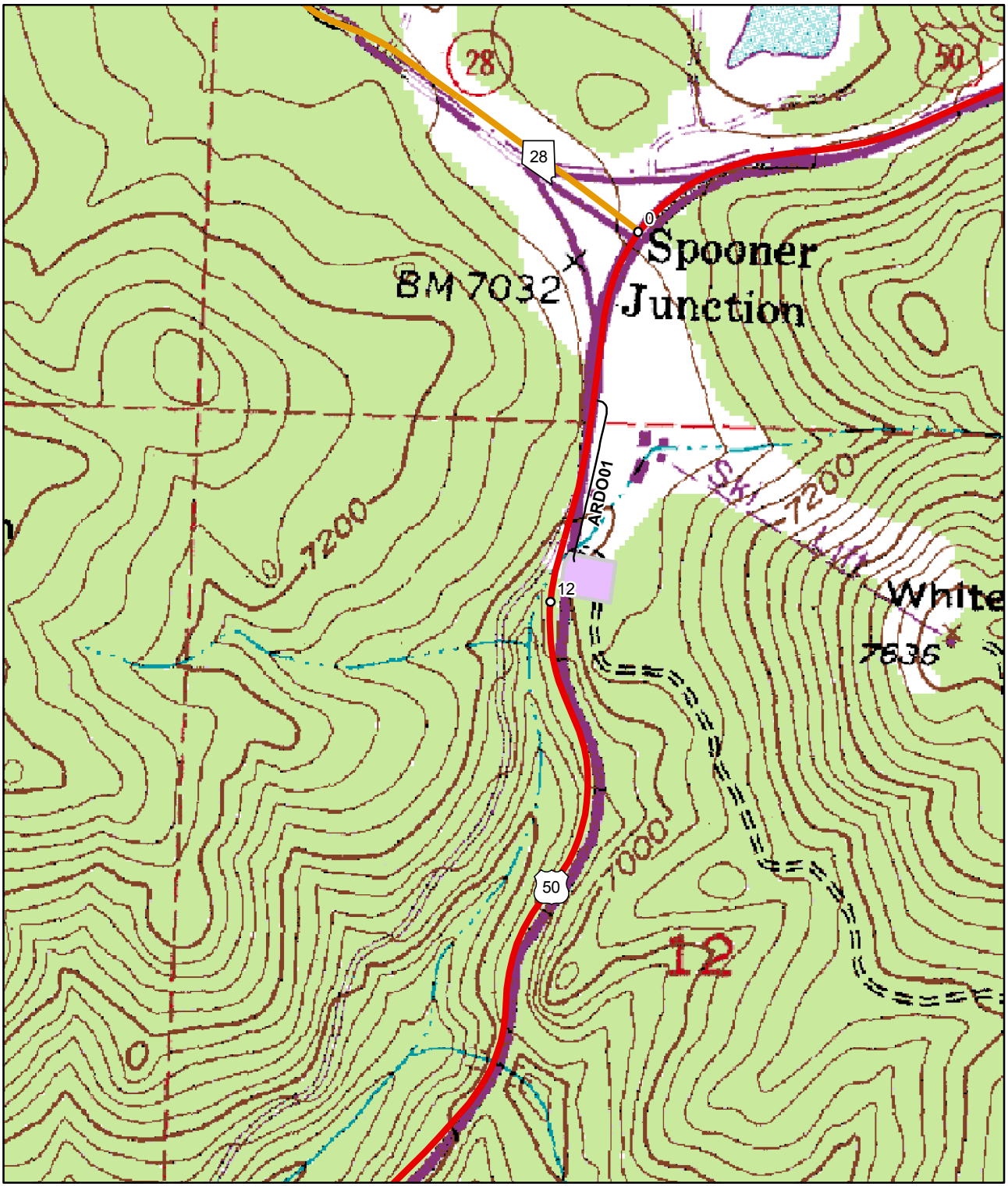
# Spooner East Maintenance Yard
# Location Map
# US-50 DO 13.2

0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Spooner Maintenance Station
# Location Map
# US-50 DO 12.0

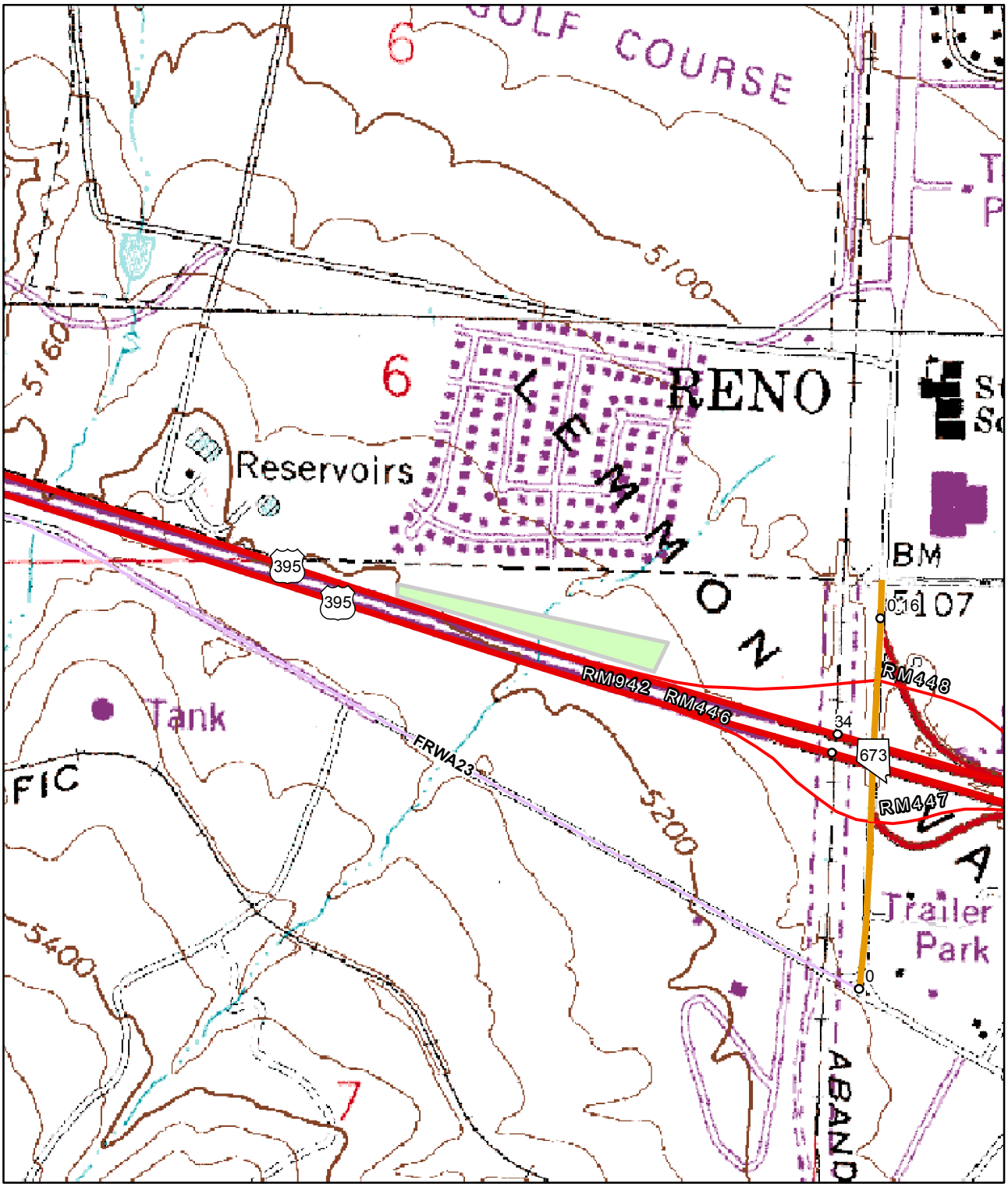



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Stead Maintenance Yard
# Location Map
# US-395 WA 34.8

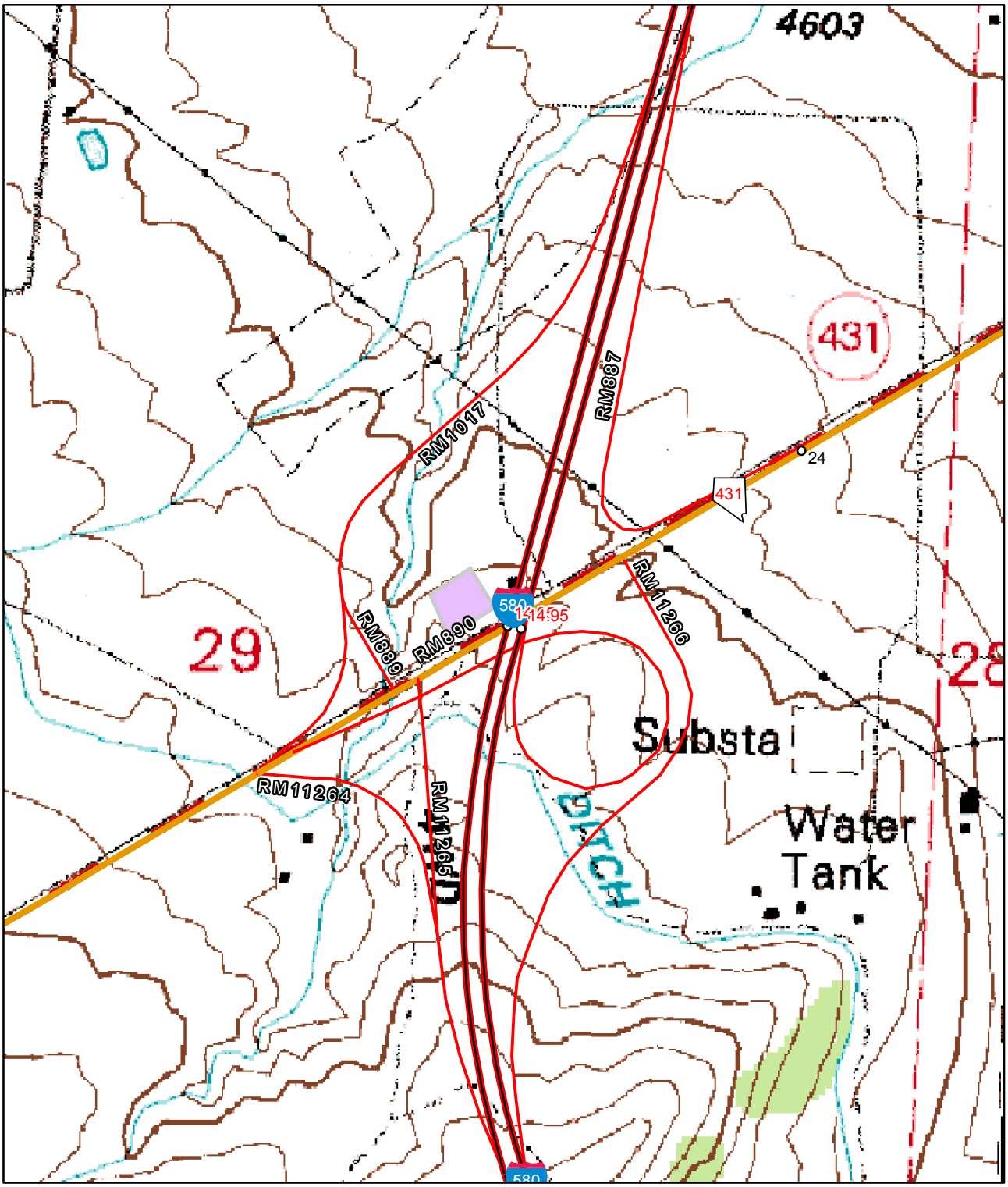



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# SR-431 WA 23.9 Maintenance Yard
# Mount Rose Junction
# Location Map
# SR-431 WA 23.9

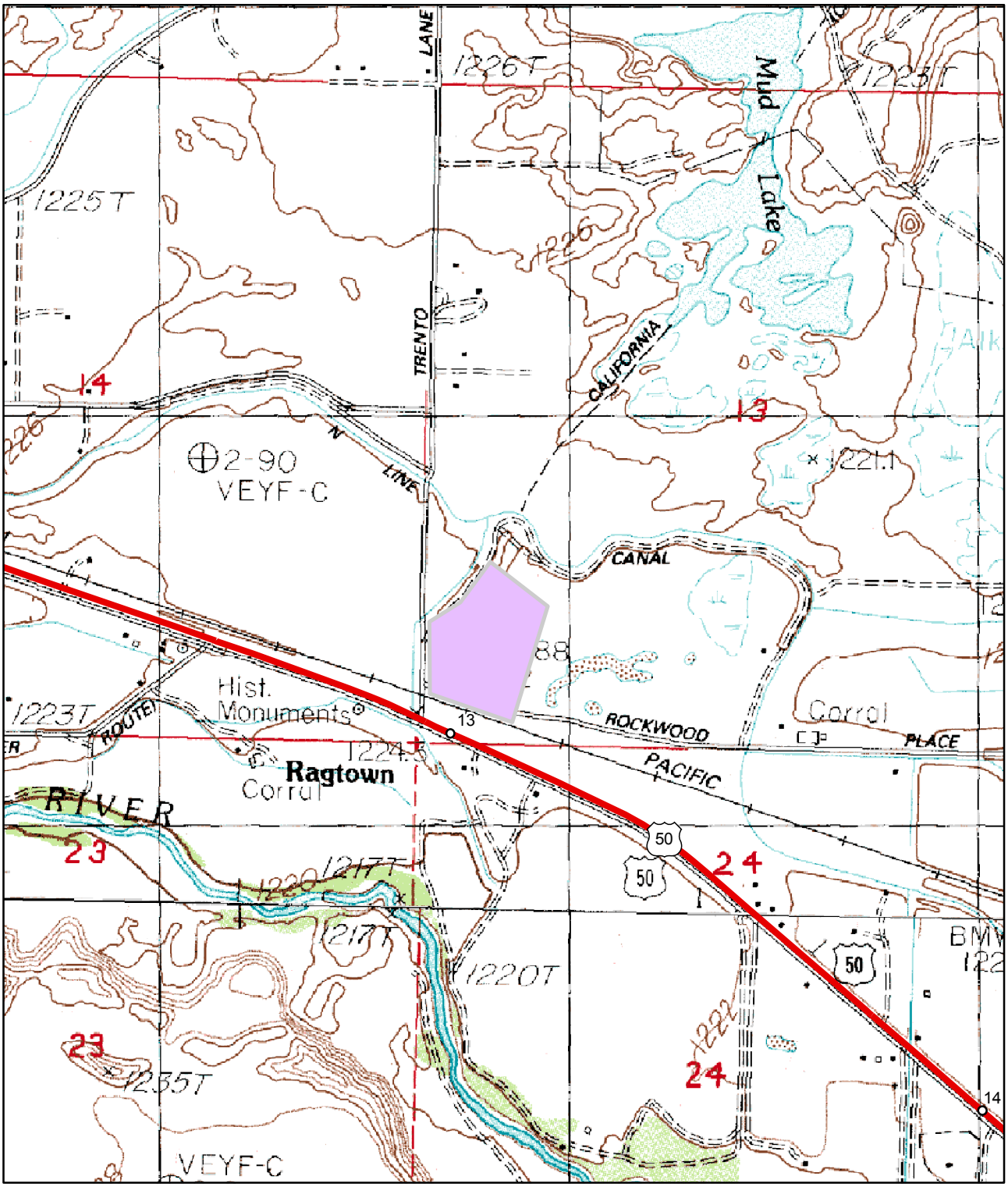



0 0.0475 0.095 0.19 0.285 0.38 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Trento Maintenance Yard
# Location Map
# US-50 CH 12.9

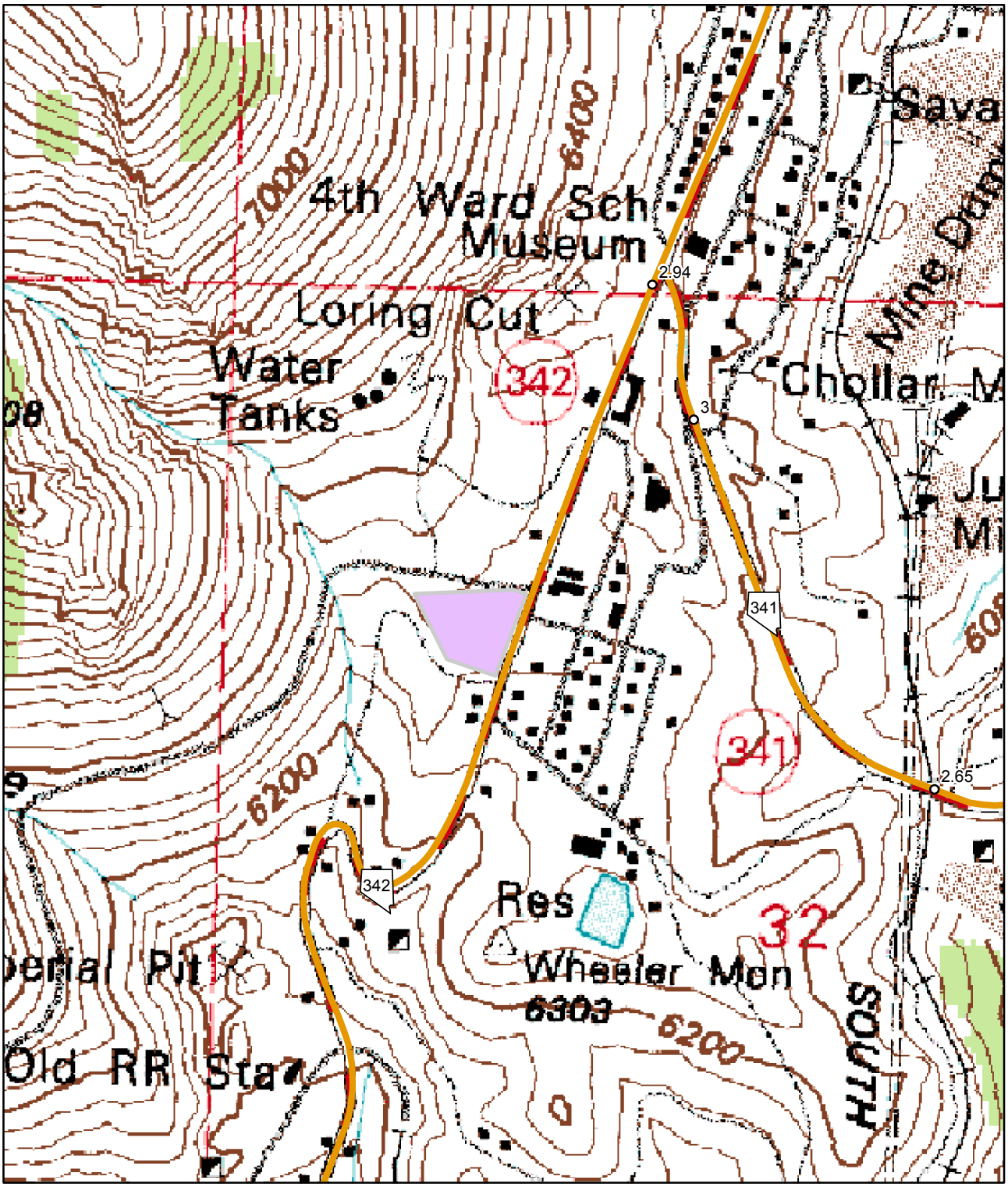



0 0.075 0.15 0.3 0.45 0.6 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Virginia City Maintenance Station
# Location Map
# SR-341 ST 2.5

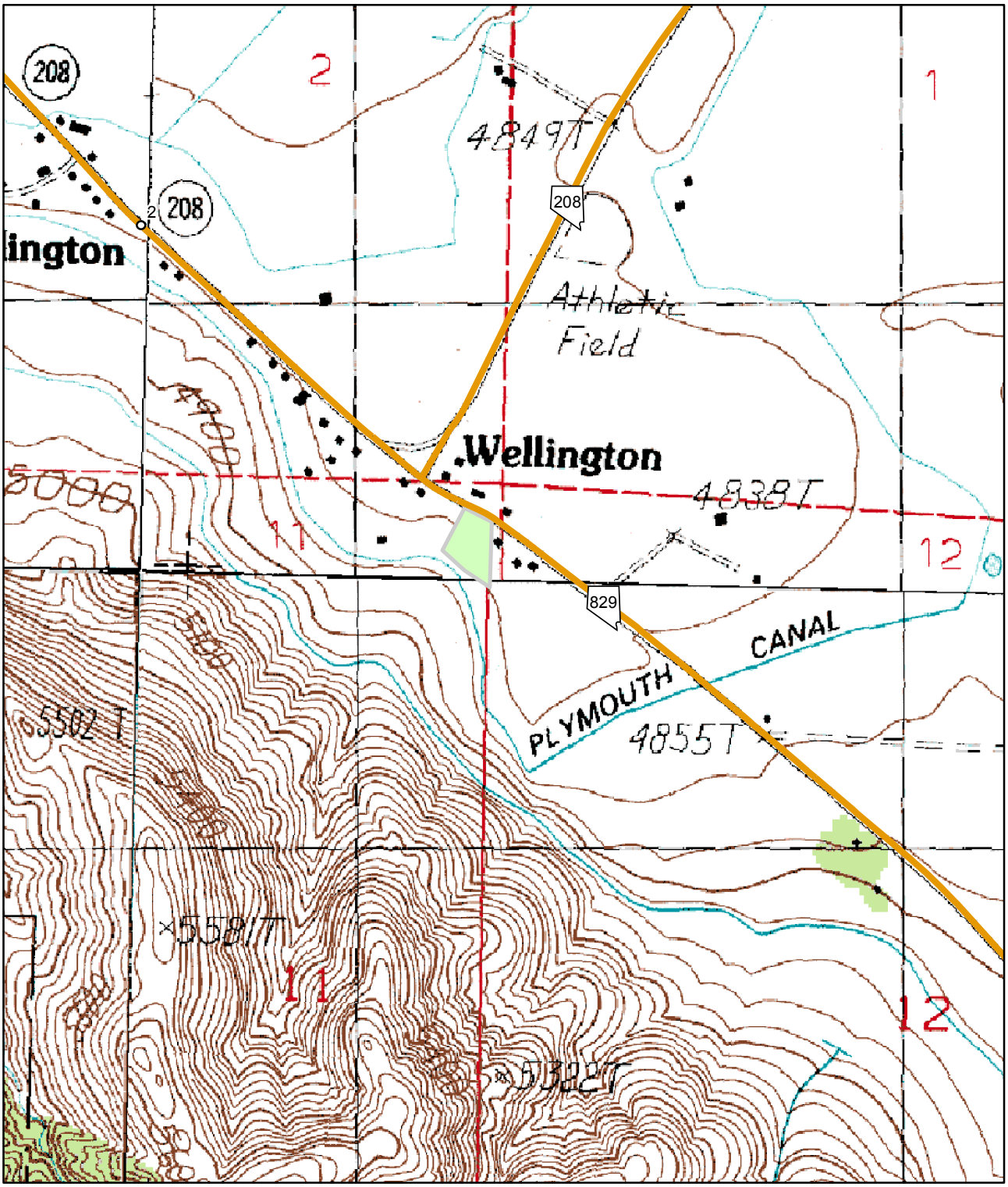



0 0.0475 0.095 0.19 0.285 0.38 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Wellington Maintenance Station
# Location Map
# SR-829 LY 3.0

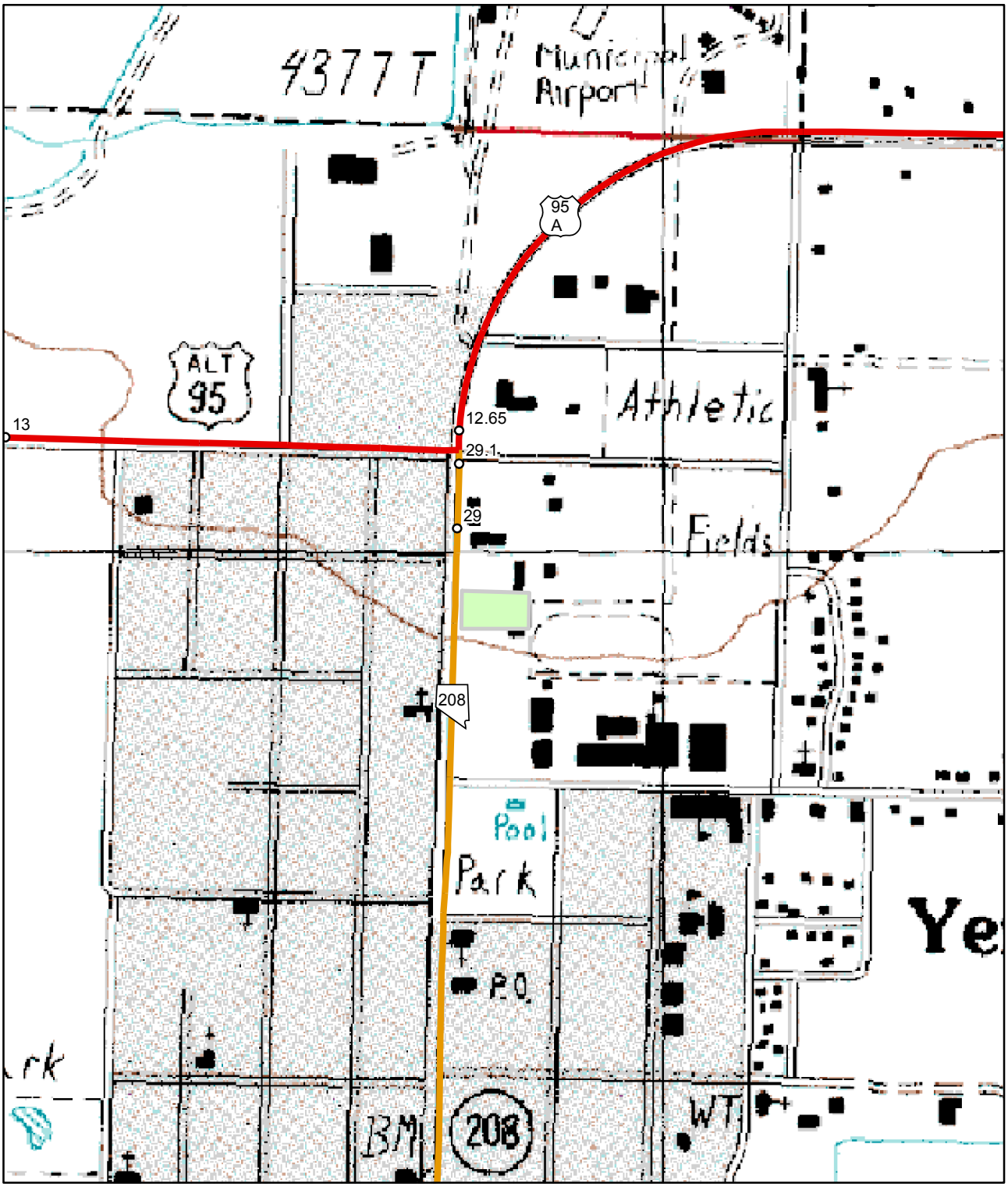



0 0.05 0.1 0.2 0.3 0.4
Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Yerington Maintenance Station
# Location Map
# SR-208 LY 29.0

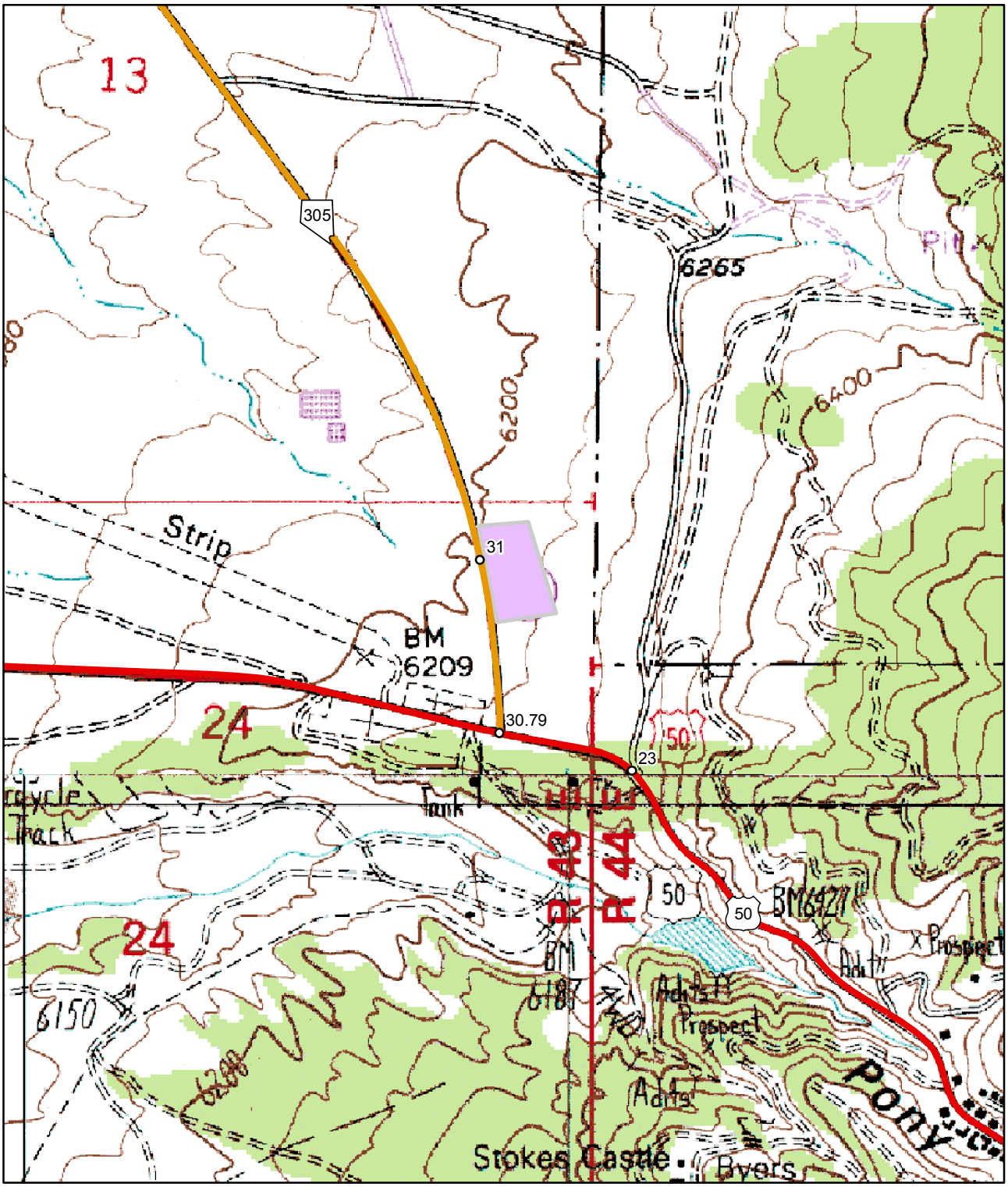



0 0.0475 0.095 0.19 0.285 0.38 Miles

N W E S

The "green" shaded area represents the Maintenance Facility's property layout.

# Austin Maintenance Station
# Location Map
# US-50 LA 24.1

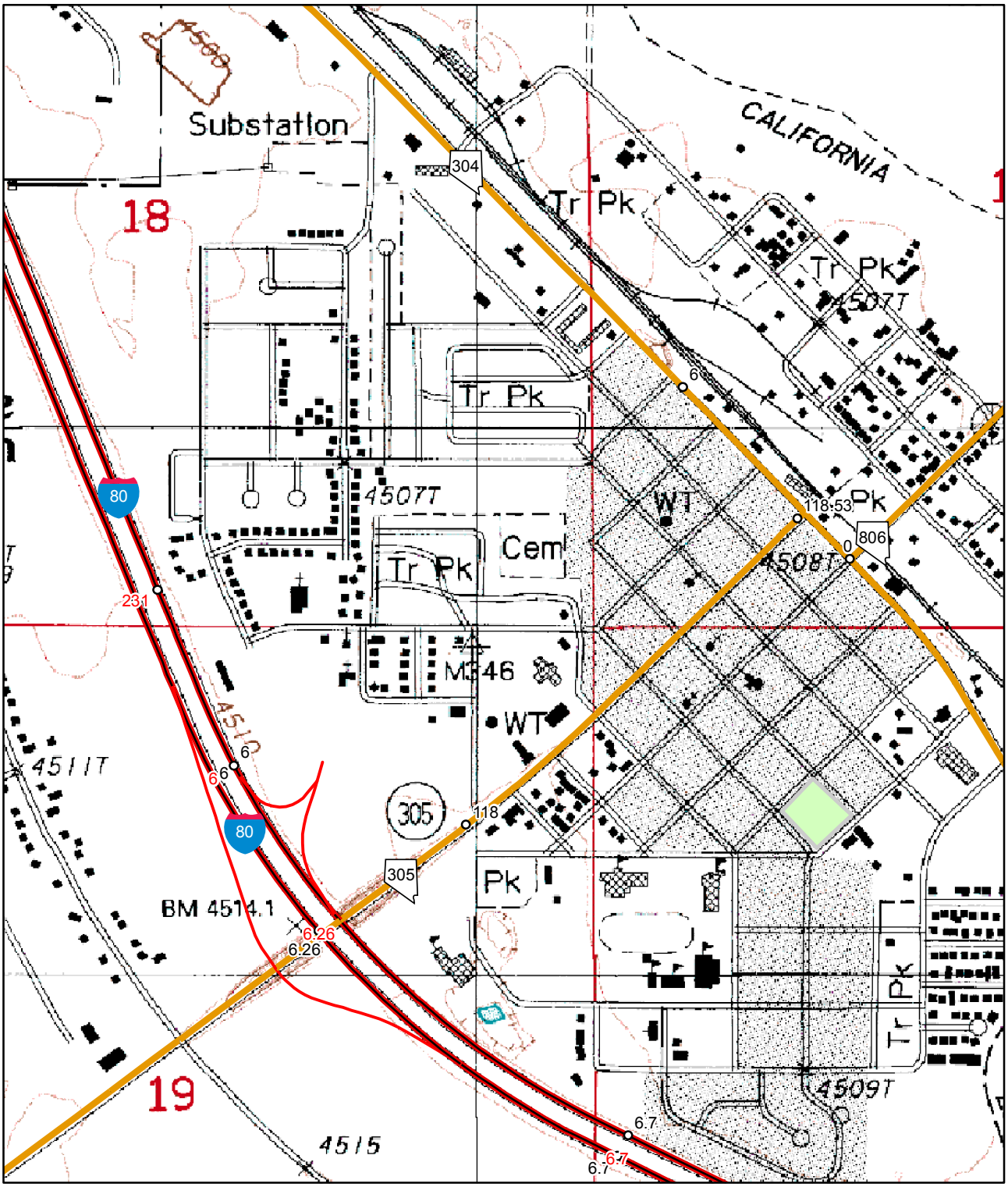



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Battle Mountain Maintenance Station
# Location Map
# SR-304 LA 6.6

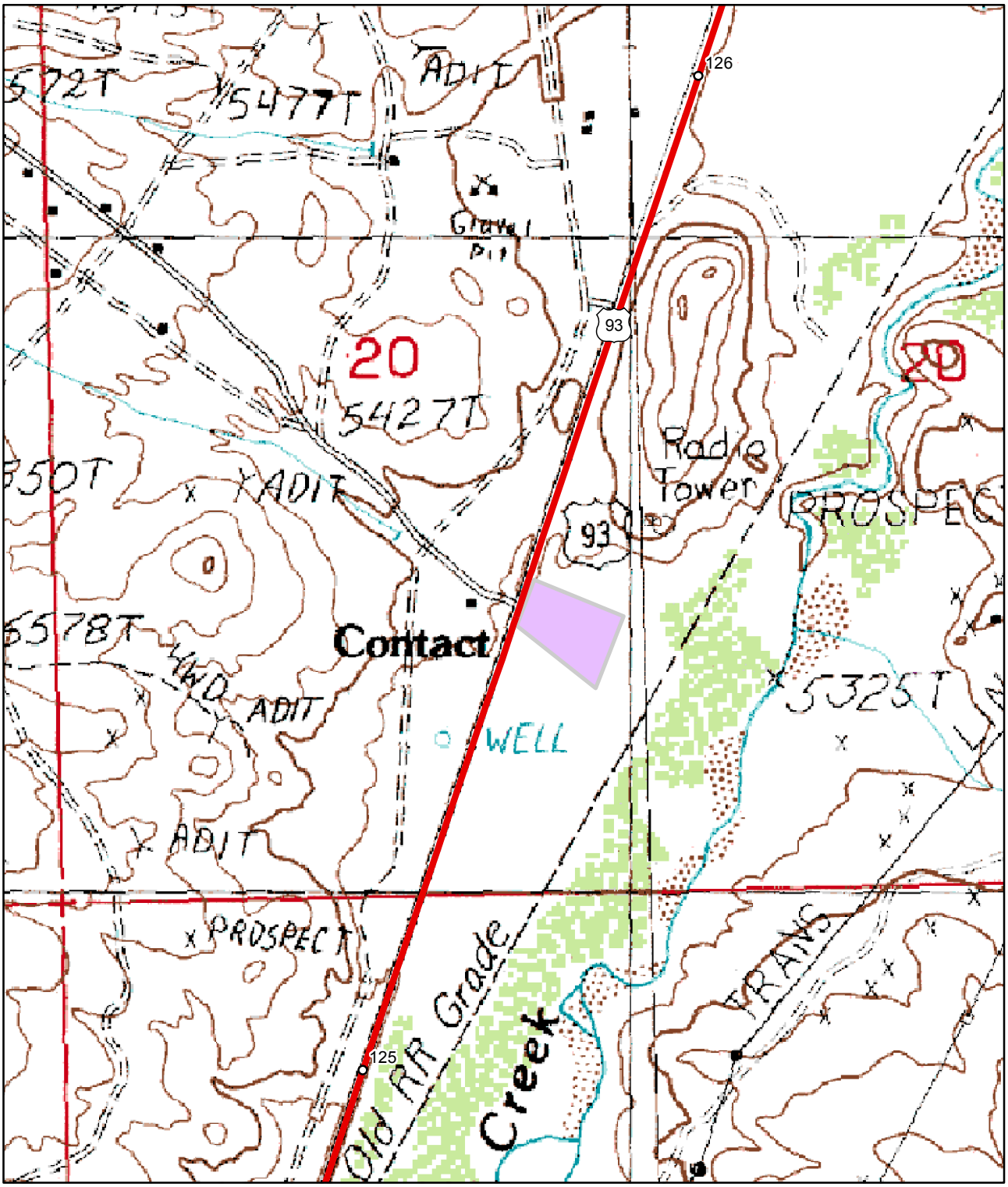



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Contact Maintenance Station
# Location Map
# US-93 EL 125.5

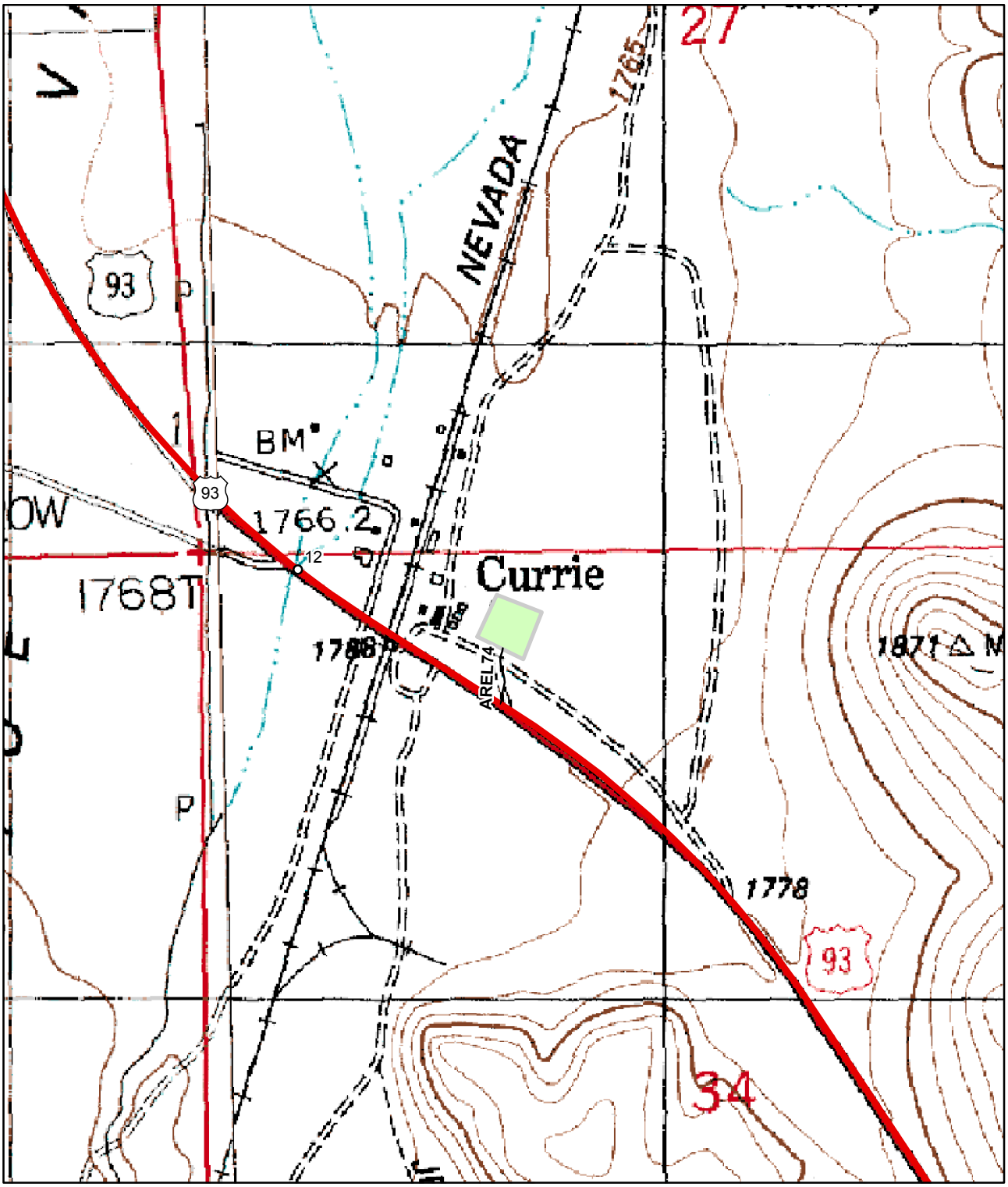



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Currie Maintenance Station
# Location Map
# US-93 EL 11.8

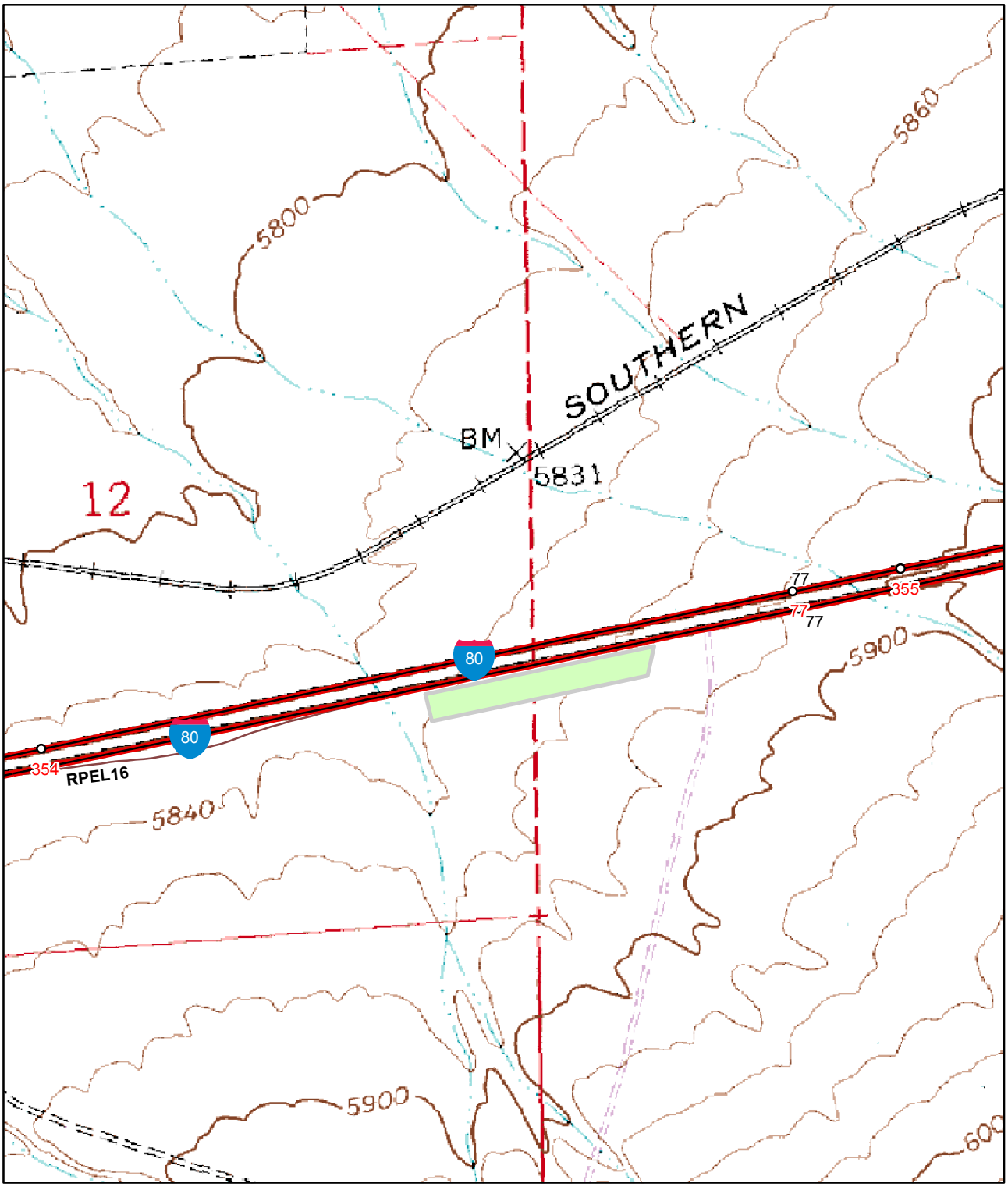



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# East of Wells Maintenance Yard
# Location Map
# I-80 EL 76.7

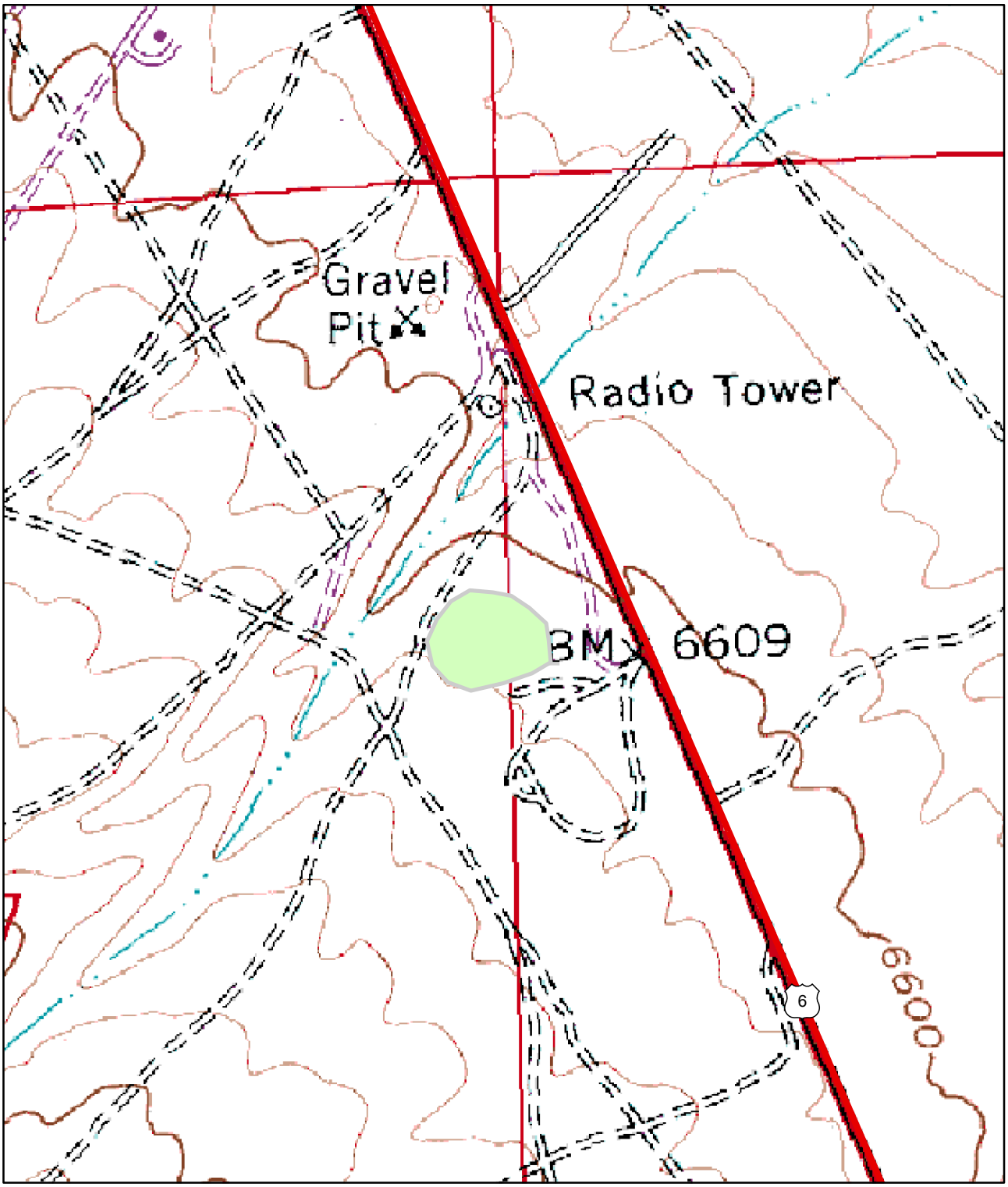



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Ely Bone Maintenance Yard
# Location Map
# US-6  WP 40.7

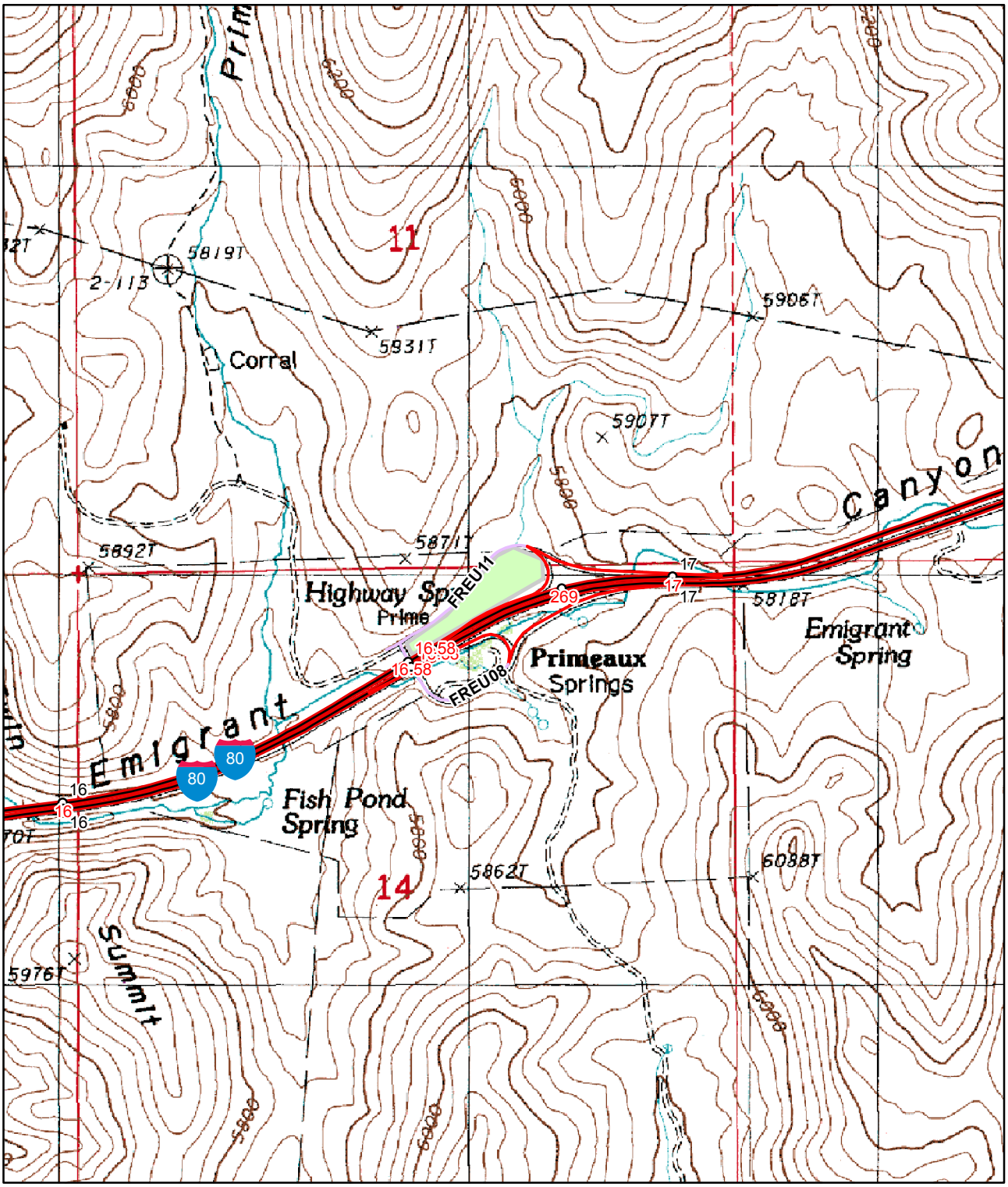



0 0.0475 0.095 0.19 0.285 0.38 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Emigrant Pass Maintenance Station
# Location Map
# I-80 EU 16.8

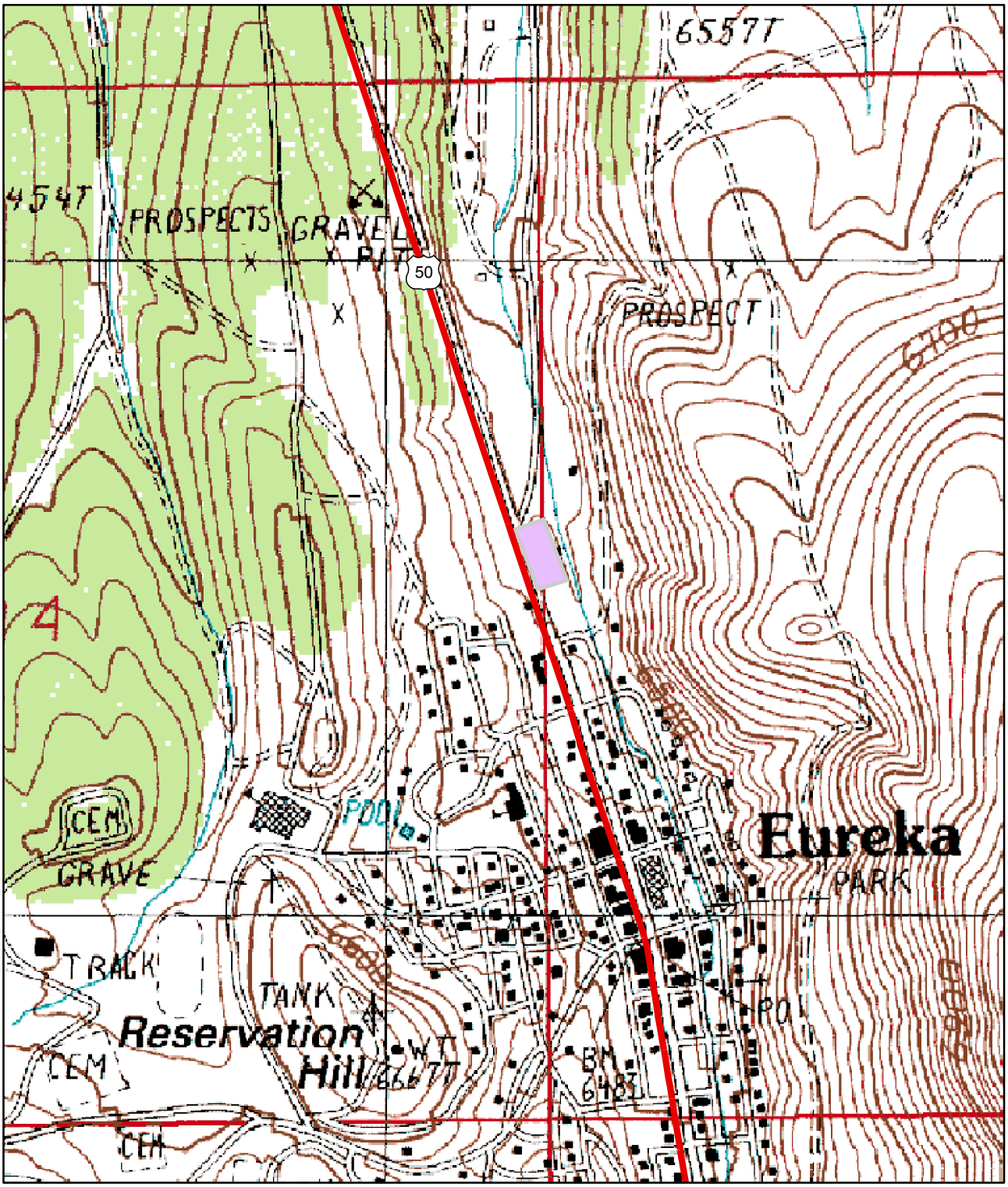



0 0.075 0.15 0.3 0.45 0.6 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Eureka Maintenance Station
# Location Map
# US-50 EU 36.8

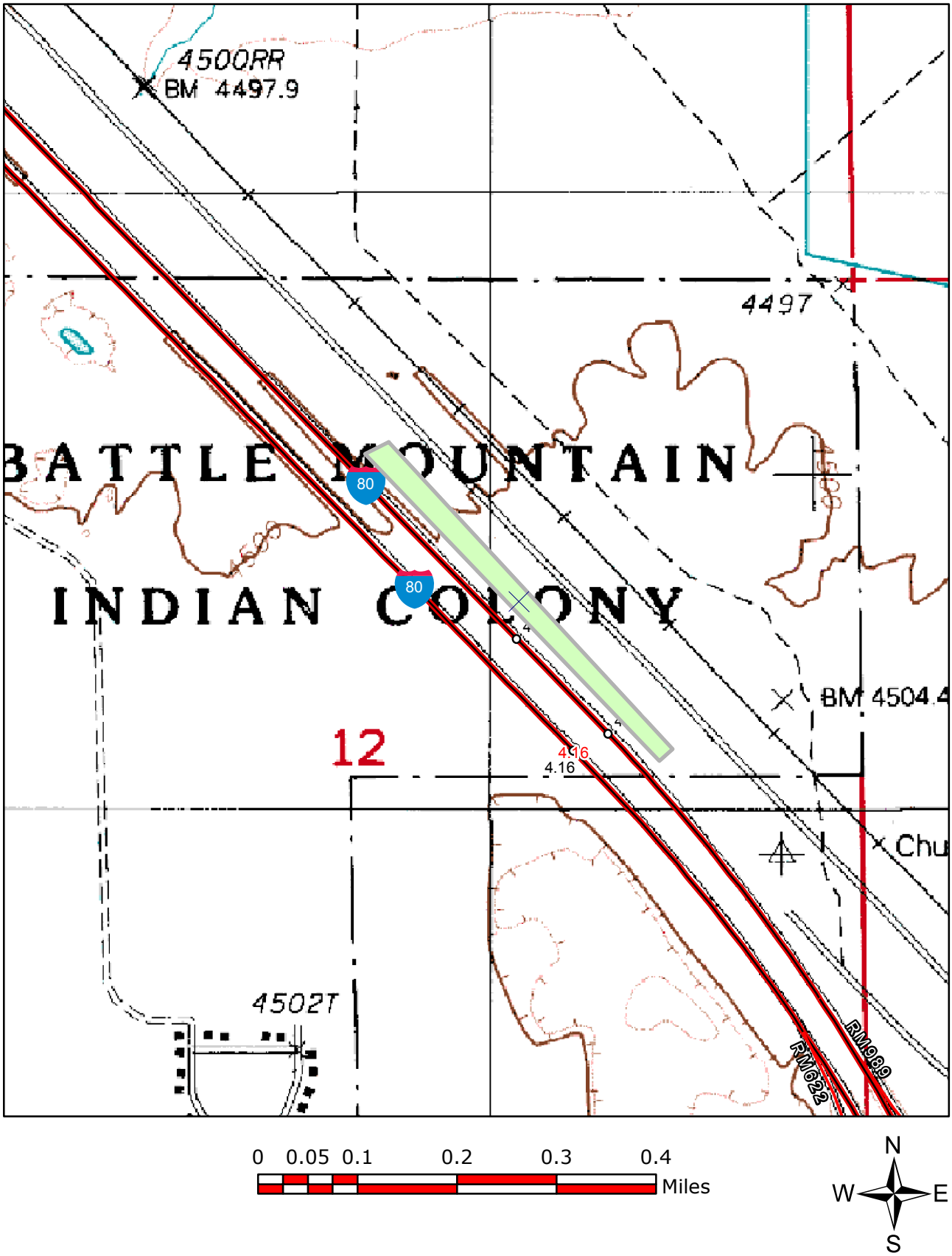



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

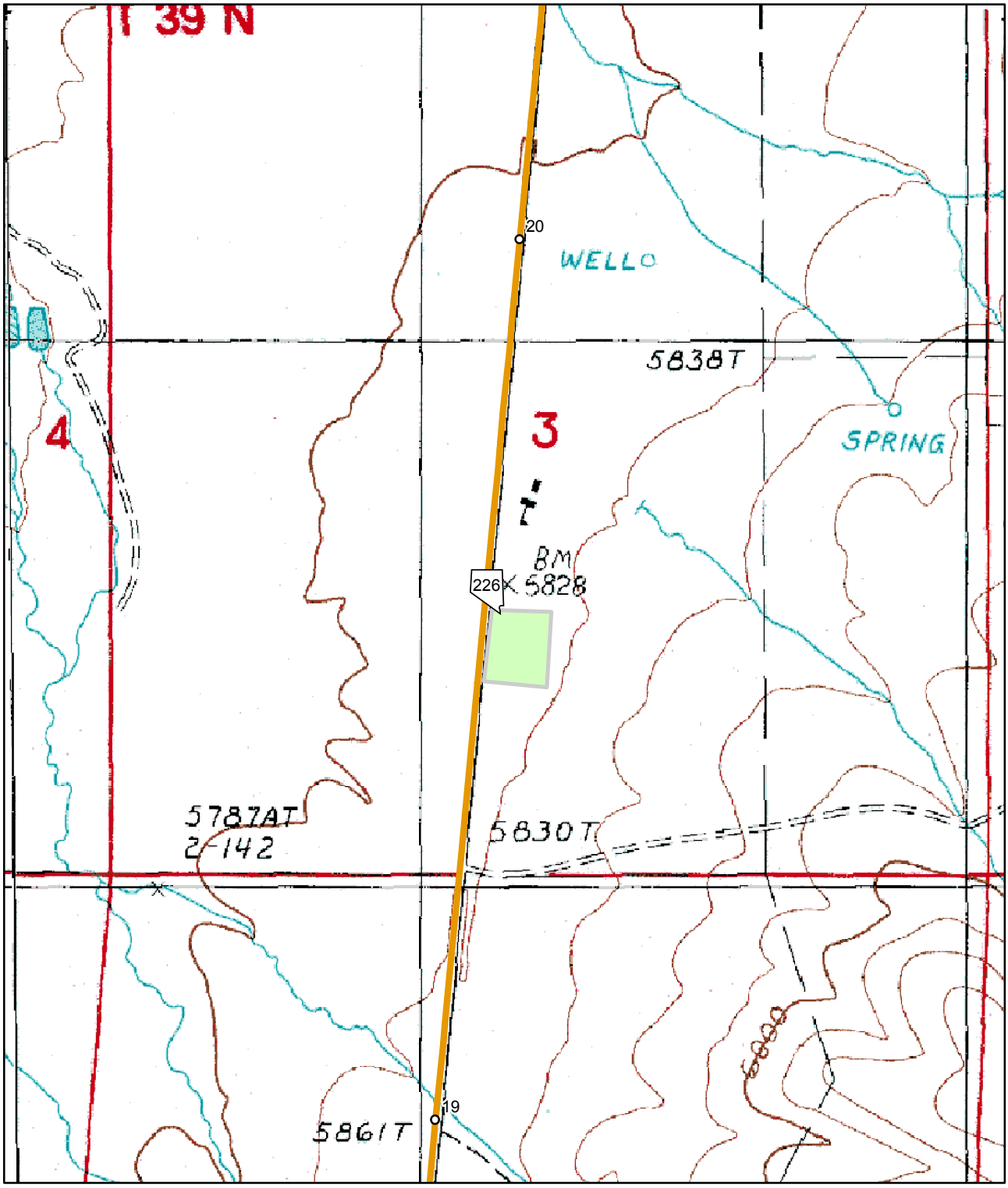
The "purple" shaded area represents the Maintenance Facility's property layout.

# I-80 LA 4.0 Maintenance Yard
# Location Map
# I-80 LA 4.0



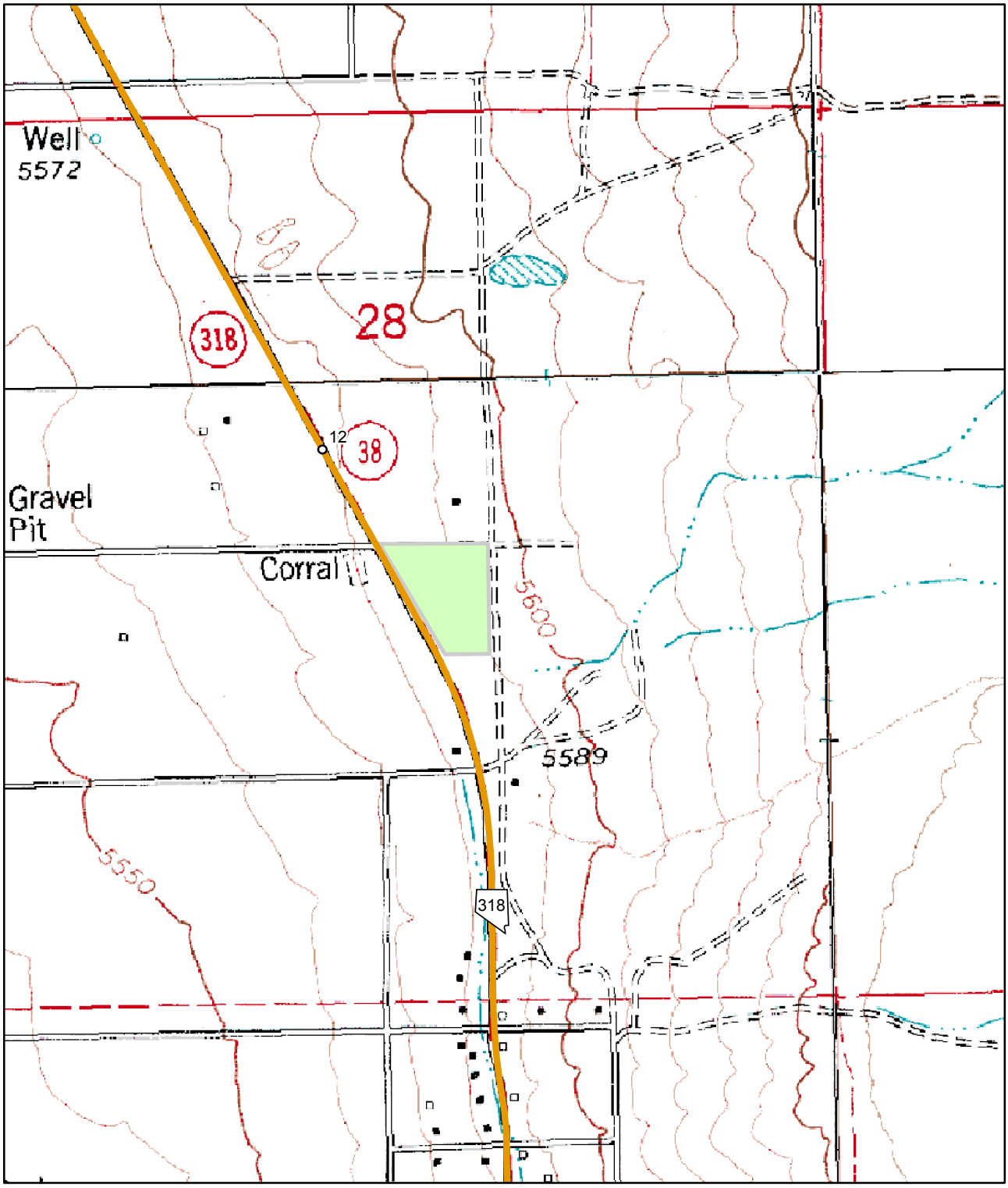

The "green" shaded area represents the Maintenance Facility's property layout.

# Independence Valley Maintenance Station
# Location Map
# SR-226 EL 19.6




The "green" shaded area represents the Maintenance Facility's property layout.

# Lund Maintenance Station
# Location Map
# SR-318 WP 11.8

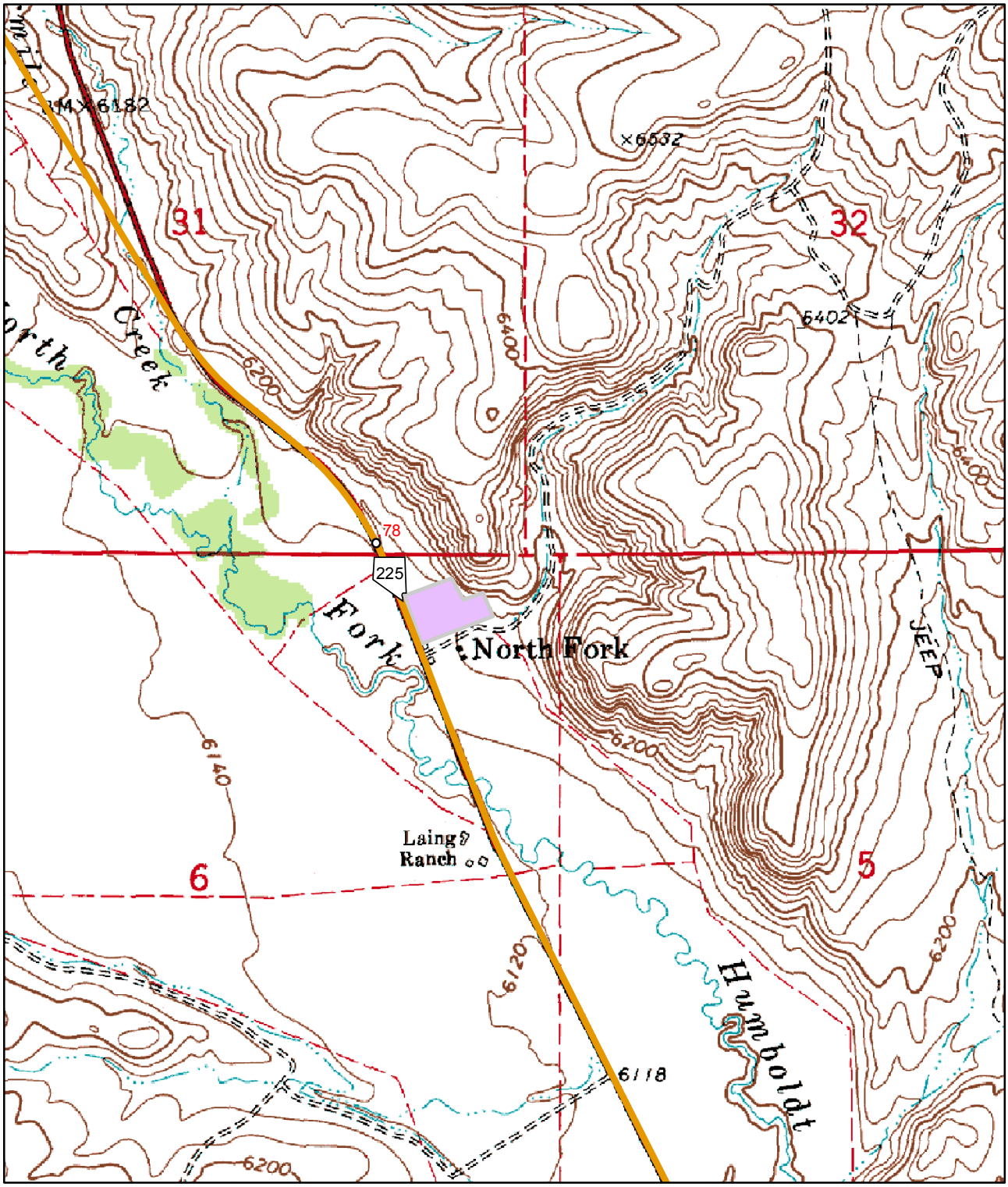



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# North Fork Maintenance Station
# Location Map
# SR-225 EL 77.9

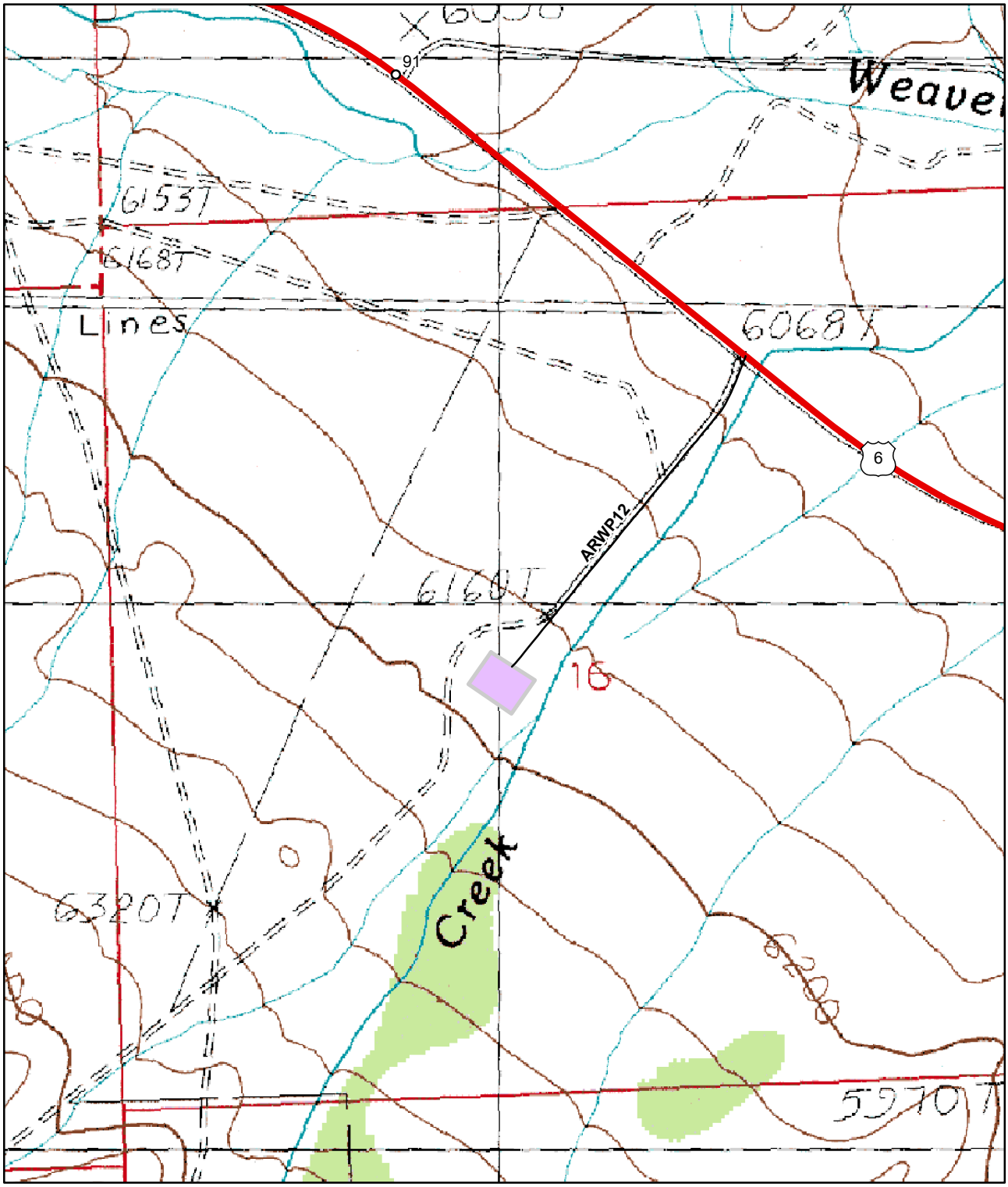



0 0.075 0.15 0.3 0.45 0.6 Miles

N W E S

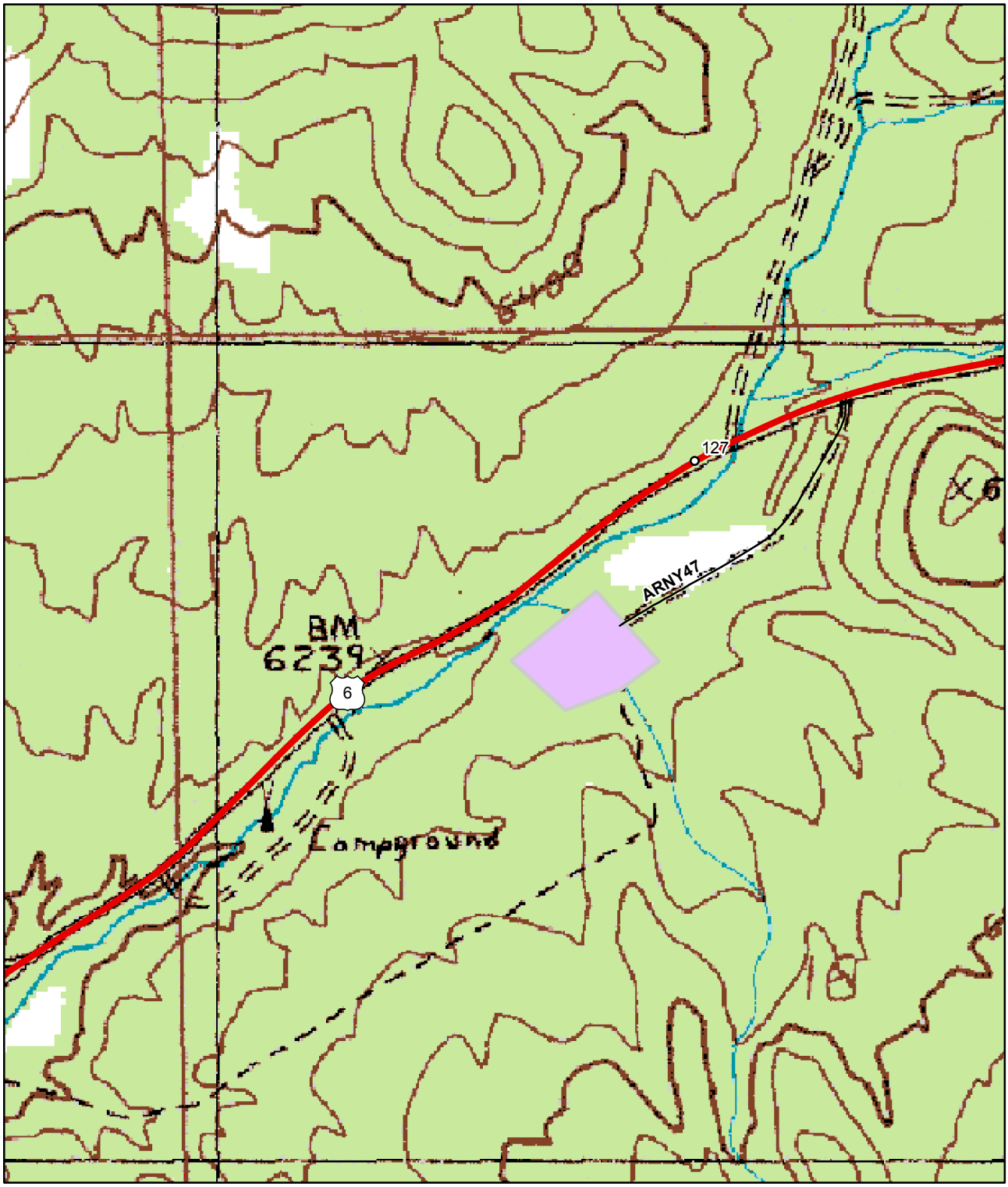
The "purple" shaded area represents the Maintenance Facility's property layout.

# Old Baker Maintenance Station
# Location Map
# US-6 WP 91.5




The "purple" shaded area represents the Maintenance Facility's property layout.

# Old Currant Maintenance Station
# Location Map
# US-6 NY 127.1

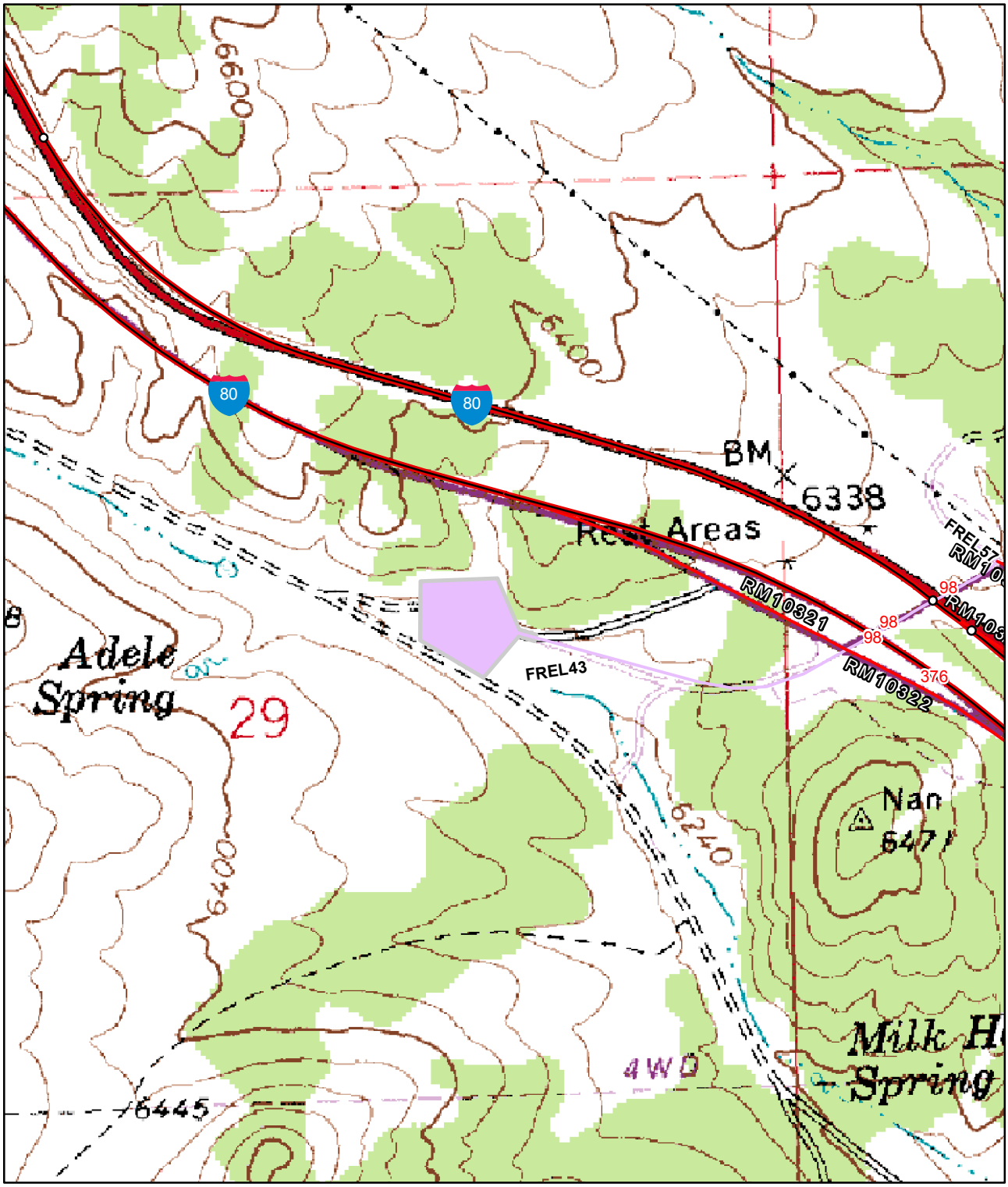



0 0.0475 0.095 0.19 0.285 0.38 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Old Pequop Maintenance Station
# Location Map
# FREL43 EL 97.6

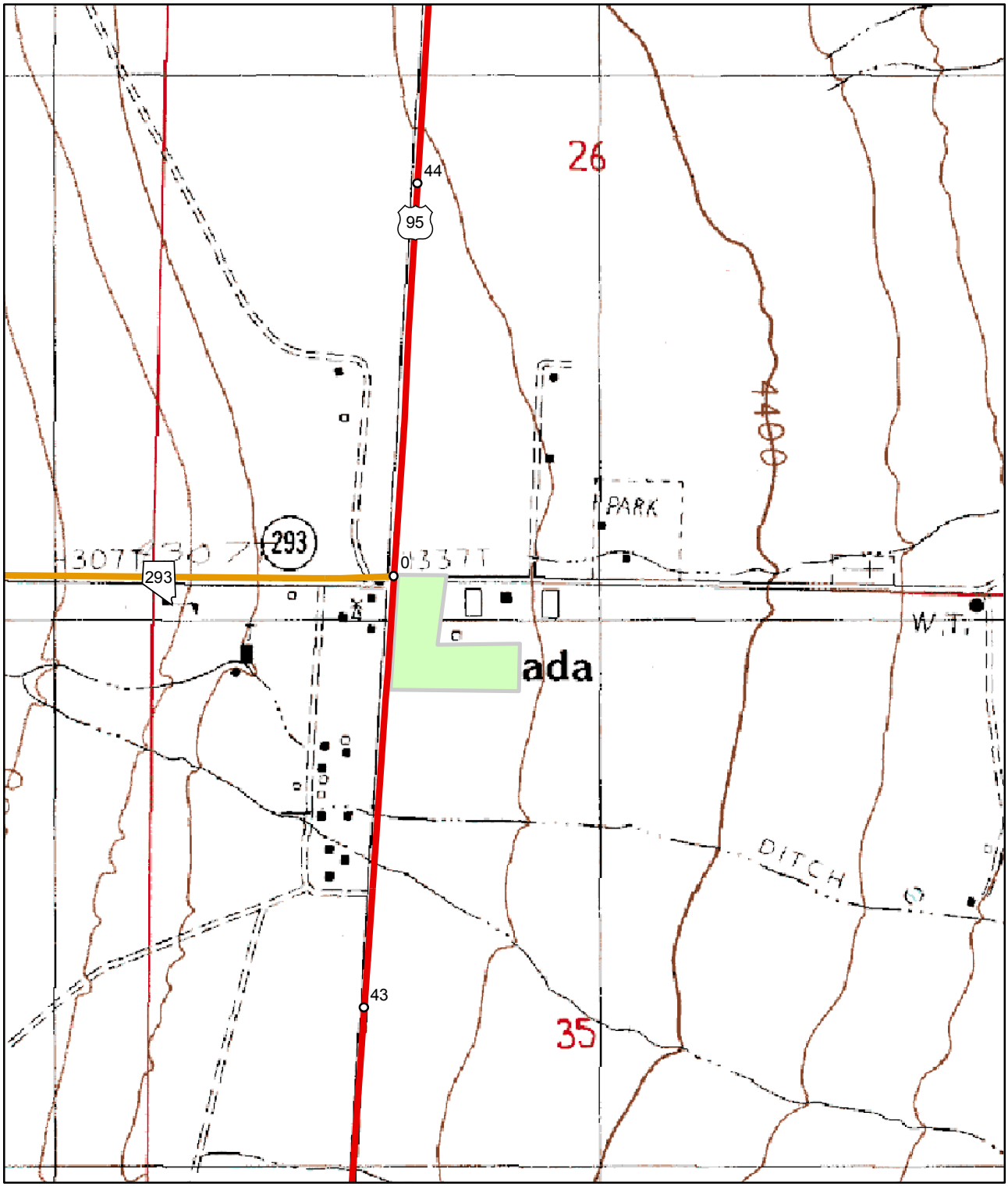



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "purple" shaded area represents the Maintenance Facility's property layout.

# Orovada Maintenance Station
# Location Map
# US-95 HU 43.5

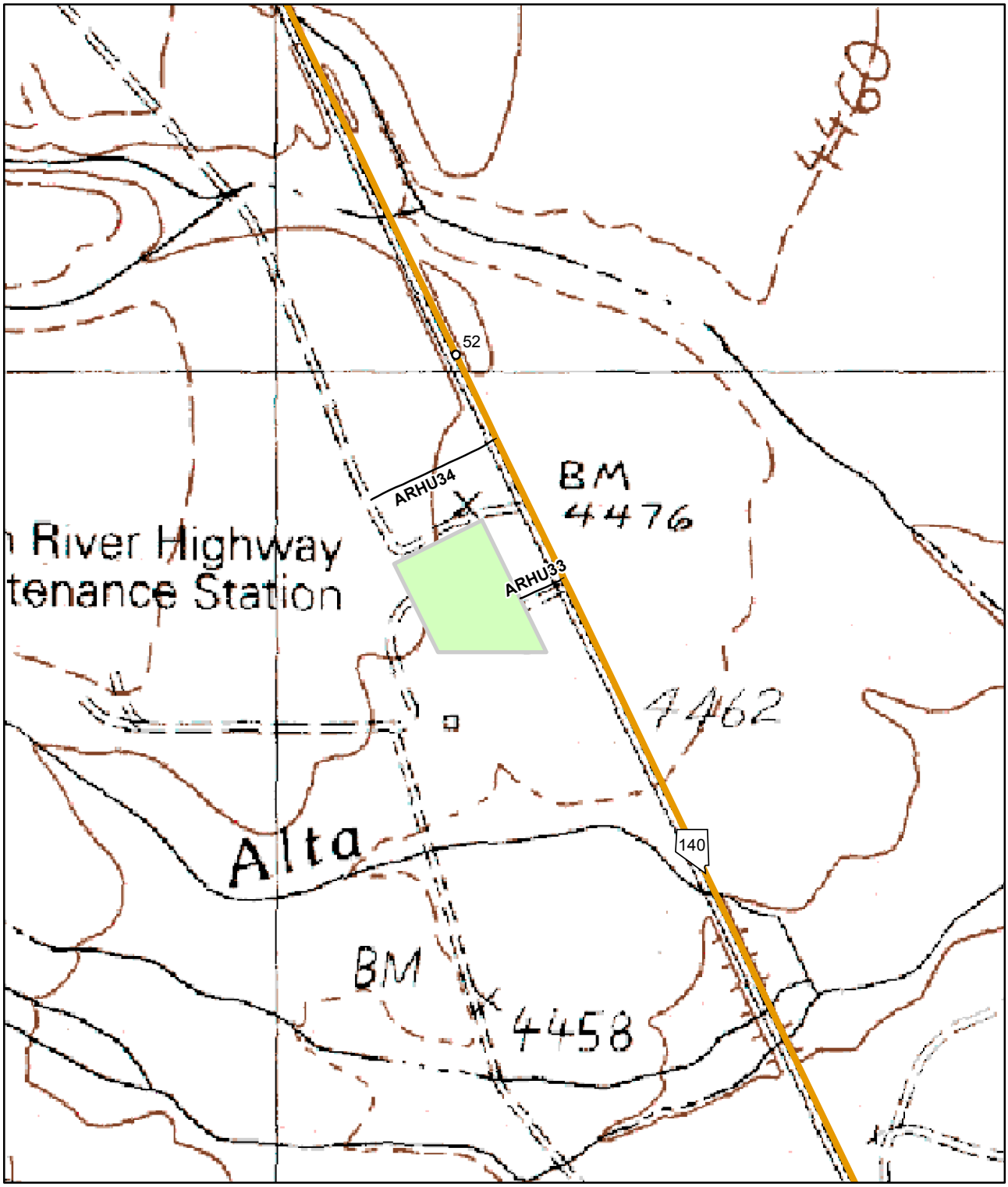



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Quinn River Maintenance Station
# Location Map
# SR-140 HU 51.8

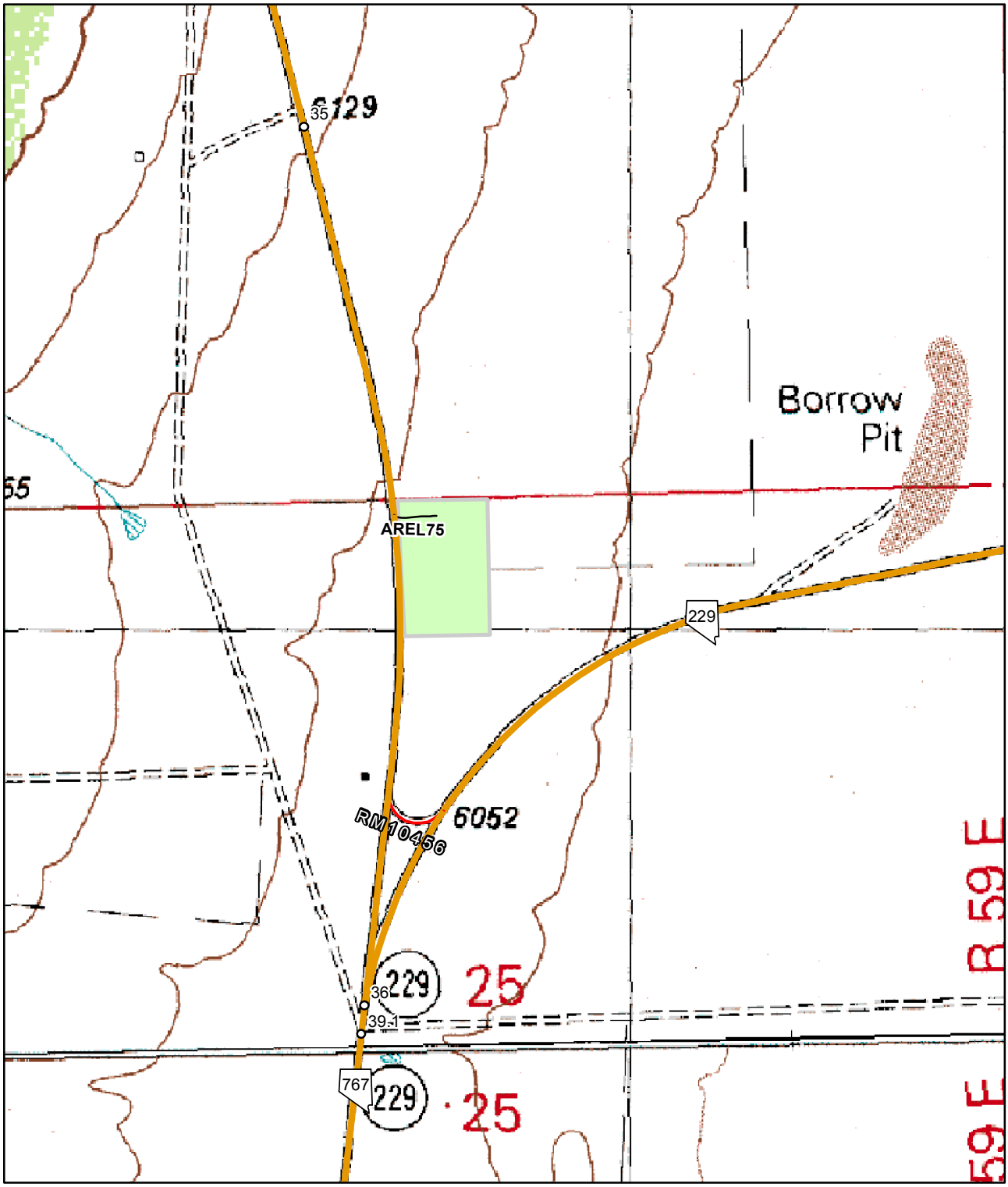



0 0.0475 0.095 0.19 0.285 0.38 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Ruby Valley Maintenance Station
# Location Map
# SR-229 EL 35.5

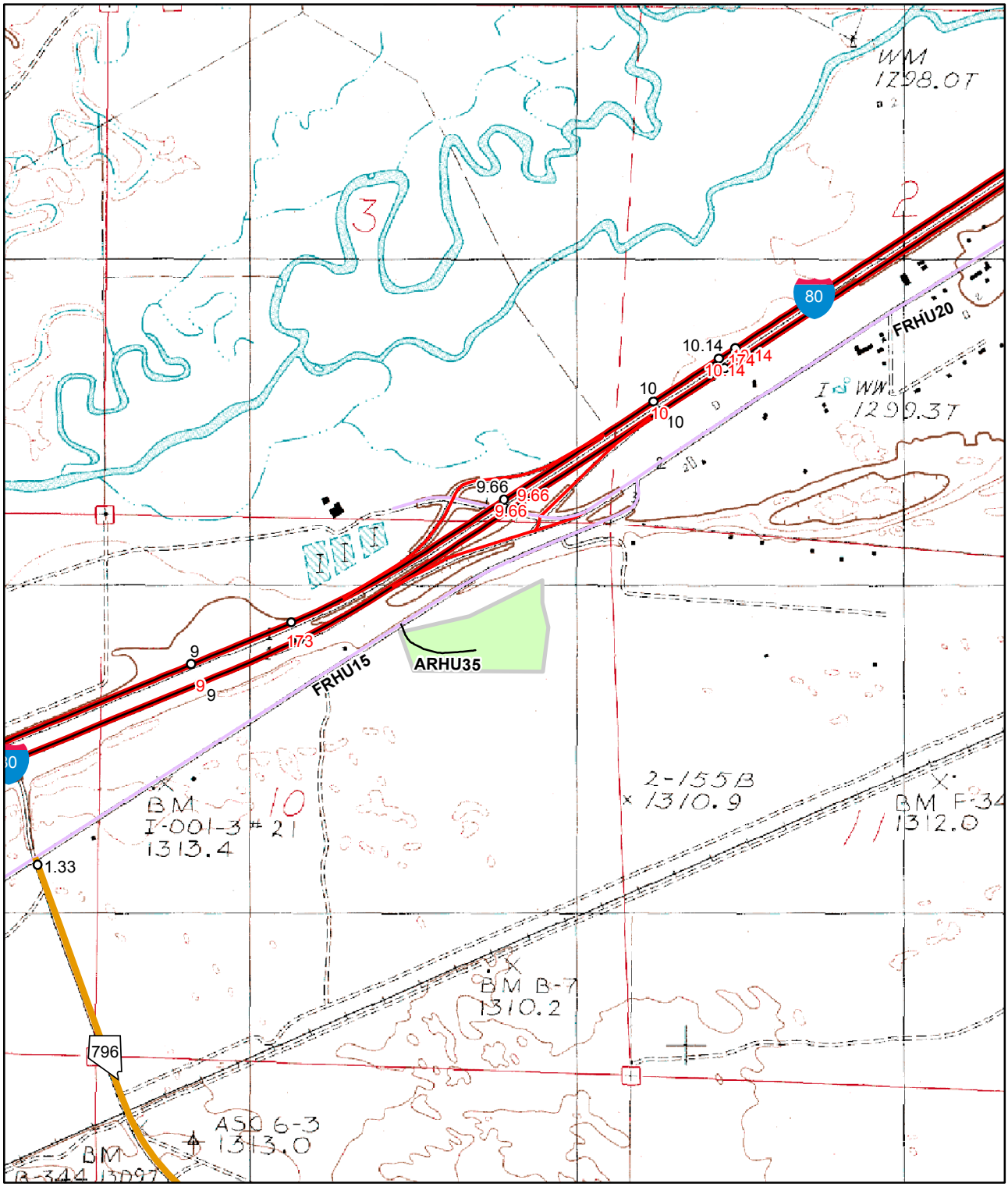



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Salvage Maintenance Yard
# Location Map
# FRHU15 HU 6.3

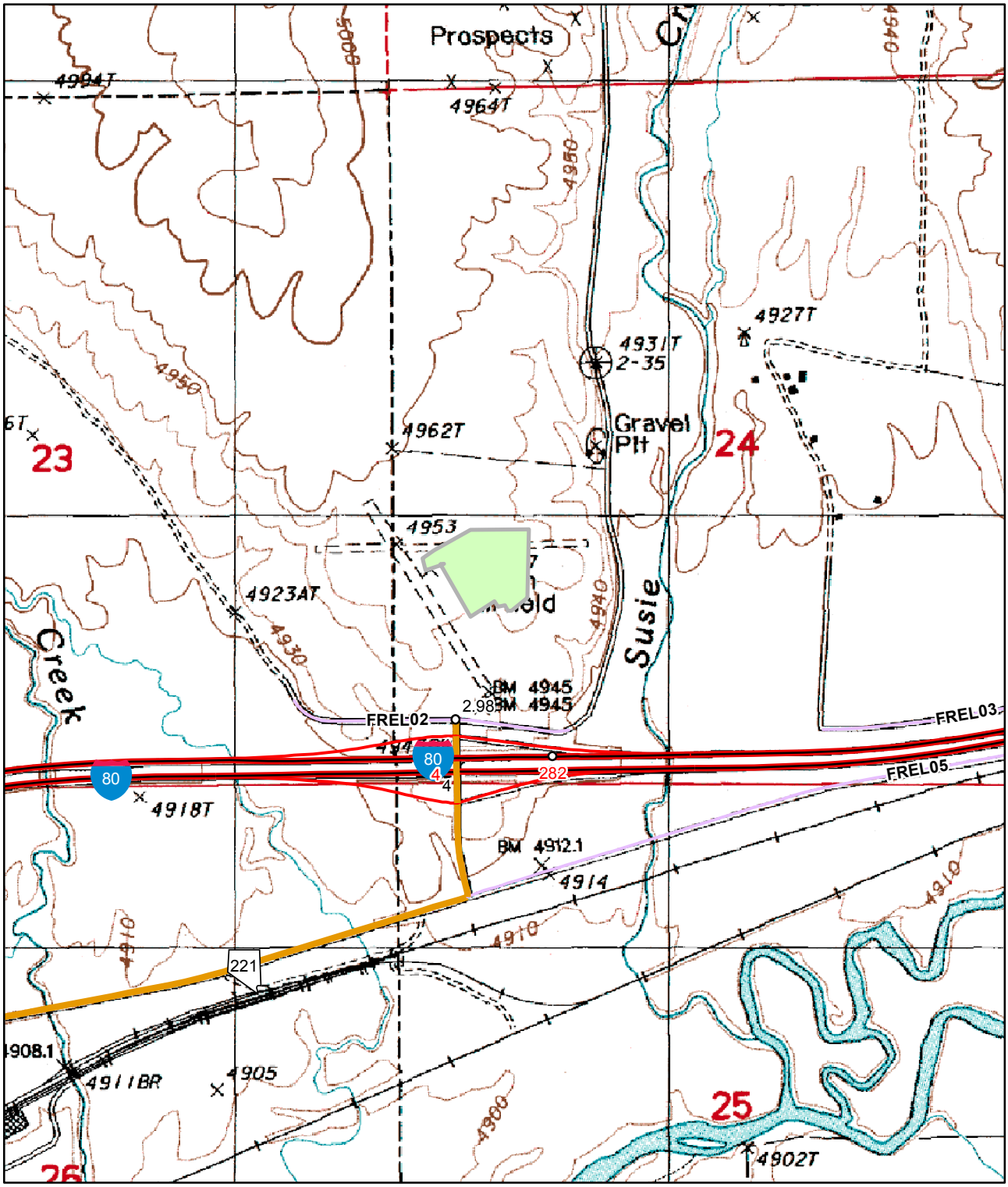



0 0.1 0.2 0.4 0.6 0.8 Miles

N W E S

The "green" shaded area represents the Maintenance Facility's property layout.

# Susie Creek Maintenance Yard
# Location Map
# I-80 EL 4.2

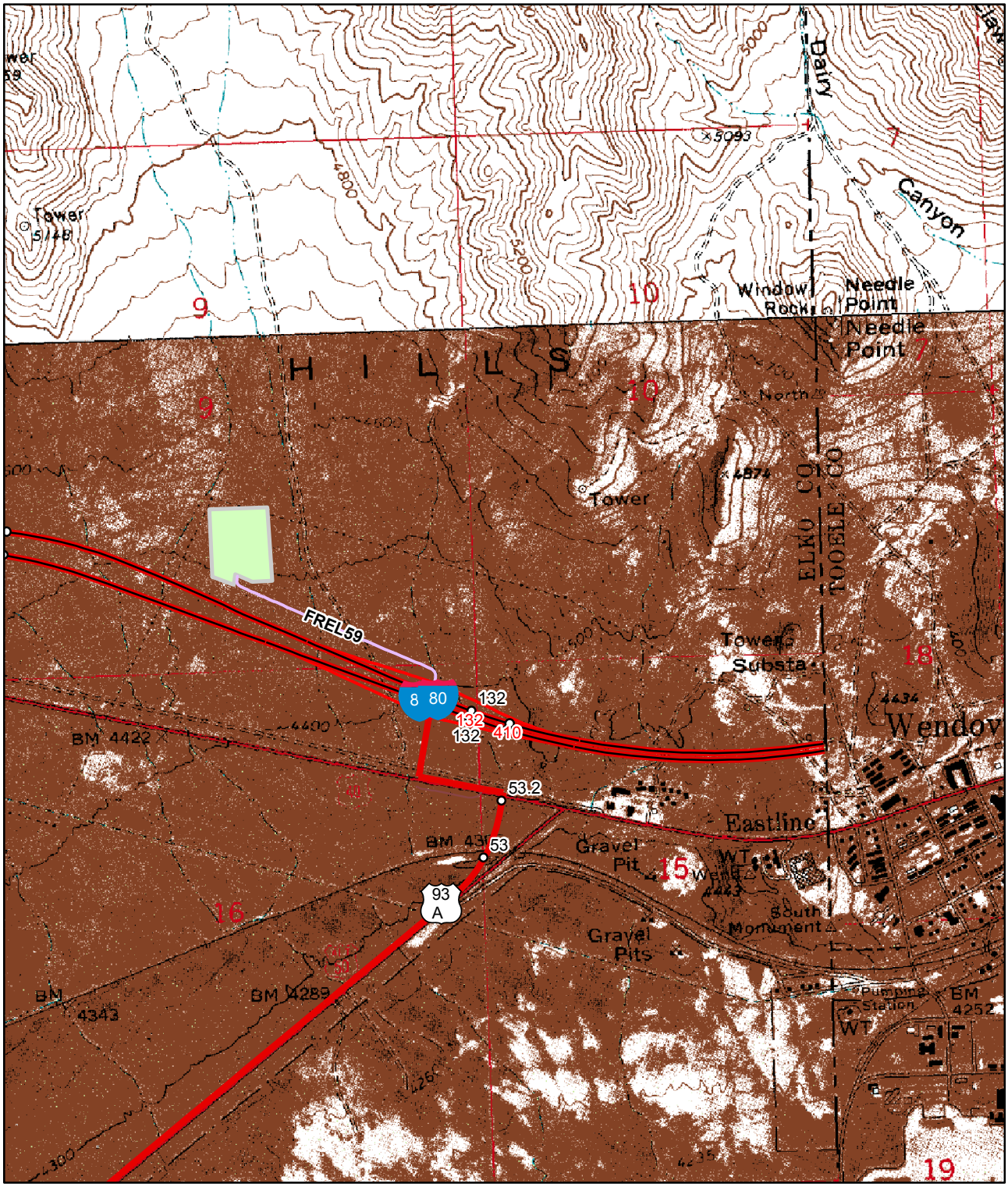



0 0.0750.15 0.3 0.45 0.6 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Wendover Maintenance Station
# Location Map
# FREL459 EL 0.5




0 0.1 0.2 0.4 0.6 0.8 Miles

N
W E
S

The "green" shaded area represents the Maintenance Facility's property layout.

# Appendix C

## Minor-B Maintenance Facility Listing and Associated Area Maps

Table C-1. Minor B Maintenance facility listing.

| Minor-B Facility | District | Address/Route | County | Milepost | Latitude | Longitude | Facility Size (Acres)[1] | Drainage Basin | Receiving Waterway | Discharges to Waters of the U.S. | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Material Pit CC023306 | 1 | SR-318 | LN | 4.0 | 37° 35' 14.599" | -115° 14' 4.146" | 40.0 | Colorado River | None | No | ----- |
| Material Pit CL09-01 | 1 | US-95 | CL | 18.0 | 35° 26' 4.271" | -114° 54' 13.766" | 130.0 | Colorado River | Piute Wash | Yes | Surface Water Connection to the Colorado River |
| Material Pit CL09-03 | 1 | US-95 | CL | 15.8 | 35° 24' 5.437" | -114° 53' 55.390" | 40.0 | Colorado River | Piute Wash | Yes | Surface Water Connection to the Colorado River |
| Material Pit CL11-06 | 1 | US-95 | CL | 52.0 | 35° 55' 22.292" | -114° 55' 48.705" | 180.0 | Central Region | NDOT MS4 | No | "Henderson" |
| Material Pit CL18-02 | 1 | US-95 | CL | 98.8 | 36° 23' 55.383" | -115° 23' 15.660" | 160.0 | Colorado River | None | No | ----- |
| Material Pit CL25-01 | 1 | SR-168 | CL | 11.0 | 36° 44' 26.849" | -114° 44' 29.652" | 80.0 | Colorado River | Muddy Wash | Yes | Surface Water Connection to the Muddy River |
| Material Pit CL32-02 | 1 | SR-164 | CL | 15.4 | 35° 28' 30.037" | -114° 57' 55.637" | 650.0 | Colorado River | Piute Wash | Yes | Surface Water Connection to the Colorado River |
| Material Pit CL47-03 | 1 | SR-160 | CL | 26.9 | 36° 0' 17.633" | -115° 36' 11.970" | 100.0 | Central Region | None | No | ----- |
| Material Pit CL47-04 | 1 | SR-160 | CL | 37.8 | 36° 4' 28.617" | -115° 46' 25.037" | 140.0 | Central Region | None | No | ----- |
| Material Pit CL69-01 | 1 | SR-159 | CL | 1.3 | 36° 2' 38.533" | -115° 22' 30.133" | 80.0 | Colorado River | None | No | "Blue Diamond" |
| Material Pit ES01-01 | 1 | US-6 | ES | 3.3 | 38° 0' 10.449" | -118° 9' 42.288" | 40.0 | Central Region | Pinchot Creek | No | Surface Water Connection to the Columbus Salt Marsh |
| Material Pit ES04-01 | 1 | US-95 | ES | 24.5 | 37° 47 '6.823" | -117° 13' 53.496" | 120.0 | Central Region | None | No | "Silverpeak" |
| Material Pit LA07-02 | 1 | SR-376 | LA | 2.6 | 39° 12' 6.388" | -117° 3' 8.122" | 40.0 | Central Region | None | No | ----- |
| Material Pit MI01-04 | 1 | US-95 | MI | 15.5 | 38° 22' 48.770" | -118° 6' 27.142" | 80.0 | Central Region | None | No | "Mina" |
| Material Pit MI06-02 | 1 | US-6 | MI | 6.2 | 37° 57' 48.752" | -118° 21' 9.436" | 40.0 | Central Region | None | No | ----- |
| Material Pit NY02-03 | 1 | US-6 | NY | 36.7 | 38° 8' 20.427" | -116° 36' 47.092" | 40.0 | Central Region | None | No | ----- |
| Material Pit NY02-04 | 1 | US-6 | NY | 8.7 | 38 °4' 26.926" | -117° 6' 4.719" | 100.0 | Central Region | None | No | "Airport Sand" |
| Material Pit NY03-04 | 1 | US-6 | NY | 52.0 | 38° 12' 6.955" | -116° 21' 37.314" | 80.0 | Central Region | None | No | ----- |
| Material Pit NY03-05 | 1 | US-6 | NY | 64.4 | 38° 21' 11.675" | -116° 14' 36.128" | 280.0 | Central Region | None | No | ----- |
| Material Pit NY07-04 | 1 | SR-160 | NY | 36.3 | 36° 33' 18.605" | -116° 7' 22.984" | 120.0 | Death Valley | None | No | ----- |
| Material Pit NY08-06 | 1 | US-95 | NY | 58.4 | 36°53'29.962" | -116°44'47.871" | 60.0 | Death Valley | Unnamed Ephemeral Drainage | Yes | "Beatty"; Surface Water Connection to the Amargosa River |
| Material Pit NY13-03 | 1 | SR-376 | NY | 61.5 | 38° 53' 51.759" | -117° 11' 59.194 | 40.0 | Central Region | South Twin River | No | ----- |
| Material Pit NY13-05 | 1 | SR-376 | NY | 44.9 | 38° 41' 13.452" | -117° 9' 43.007" | 40.0 | Central Region | None | No | "Hadley Pablo Canyon" |
| Material Pit NY32-02 | 1 | SR-361 | NY | 21.5 | 39° 1' 34.604" | -118° 1' 18.487" | 40.0 | Central Region | Gabbs Wash | No | "Broken Hills" |
| Material Pit NY32-03 | 1 | SR-361 | NY | 12.8 | 38° 55' 13.512" | -117° 56' 23.055" | 60.0 | Central Region | None | No | "Gabbs International" |
| Material Stockpile | 1 | SR-157 | CL | 4.9 | 36° 16' 19.721" | -115 °34' 53.864" | 0.8 | Colorado River | None | No | "Charleston Peak" |
| Material Stockpile | 1 | SR-157 | CL | 12.0 | 36° 16' 47.856" | -115° 27' 20.704" | 1.8 | Colorado River | None | No | ----- |
| Material Stockpile | 1 | SR-266 | ES | 40.0 | 37° 30' 3.215" | -117° 11' 9.655" | 2.3 | Central Region | None | No | "Cottontail/Lida Jct." |
| Material Stockpile | 1 | US-6 | ES | 11.0 | 38° 0' 56.325" | -118° 1' 43.393" | 3.5 | Central Region | NDOT MS4 | No | ----- |
| Material Stockpile | 1 | US-6 | ES | 14.2 | 38° 1' 6.912" | -117° 58' 10.706" | 0.3 | Central Region | None | No | ----- |
| Material Stockpile | 1 | US-6 | ES | 15.2 | 38° 1' 10.503" | -117° 57' 0.982" | 0.5 | Central Region | None | No | ----- |
| Material Stockpile | 1 | US-6 | ES | 19.0 | 38° 1' 38.876" | -117° 52' 57.056" | 1.8 | Central Region | None | No | "Coaldale Jct." |
| Material Stockpile | 1 | US-6 | ES | 58.9 | 38° 5' 9.49" | -117° 17' 7.216" | 1.7 | Central Region | None | No | ----- |
| Material Stockpile | 1 | SR-376 | LA | 17.3 | 39° 24' 4.981" | -116° 56' 39.171" | 1.2 | Central Region | None | No | "Tavern" |
| Material Stockpile | 1 | SR-318 | LN | 43.7 | 38° 4' 40.829" | -114° 58' 51.6" | 0.5 | Colorado River | None | No | "District Boundary" |
| Material Stockpile | 1 | SR-319 | LN | 53.0 | 37° 47' 16.226" | -114° 21' 3.45" | 2.6 | Colorado River | None | No | "Panaca"; mixing strip |
| Material Stockpile | 1 | US-93 | LN | 111.7 | 37° 50' 42.382" | -114° 24' 47.85" | 2.1 | Colorado River | Unnamed Ephemeral Drainage | Yes | "Cathedral Gorge"; Surface Water Connection to the Meadow Valley Wash |
| Material Stockpile | 1 | SR-361 | MI | 20.2 | 38° 44' 37.858" | -118° 2' 28.868" | 4.4 | Central Region | Finger Rock Wash | No | "Finger Rock" |
| Material Stockpile | 1 | US-6 | MI | 12.0 | 38° 0' 24.109" | -118° 16' 21.025" | 0.8 | Central Region | None | No | ----- |
| Material Stockpile | 1 | SR-267 | NY | 9.9 | 37° 16' 44.157" | -117° 5' 3.754" | 2.0 | Central Region | None | No | ----- |
| Material Stockpile | 1 | US-95 | NY | 100.5 | 37° 21' 21.36" | -117° 6' 46.534" | 0.9 | Central Region | None | No | ----- |
| Material Stockpile | 1 | SR-267 | NY | 12.0 | 37° 17' 54.173" | -117° 3' 16.23" | 1.0 | Central Region | None | No | "Scotty's Jct." |
| Material Stockpile | 1 | SR-376 | NY | 53.5 | 38° 46' 57.926" | -117° 10' 41.291" | 3.0 | Central Region | None | No | ----- |
| Material Stockpile | 1 | SR-376 | NY | 68.5 | 38° 59' 54.81" | -117° 11' 32.398" | 10.2 | Central Region | Unnamed Ephemeral Drainage | No | ----- |
| Material Stockpile | 1 | SR-377 | NY | 0.3 | 38° 34' 10.539" | -117° 10' 27.439" | 1.3 | Central Region | None | No | "Manhattan" |
| Material Stockpile | 1 | US-6 | NY | 46.5 | 38° 10' 4.304" | -116° 26' 13.69" | 0.7 | Central Region | None | No | "Warm Springs" |
| Material Pit LY13-01 | 2 | SR-824 | LY | 3.6 | 38° 50' 11.442" | -119° 20' 59.712" | 30.0 | Walker River | None | No | ----- |
| Material Pit LY14-05 | 2 | SR-208 | LY | 0.8 | 38° 46' 5.514" | -119° 23' 54.437" | 120.0 | Walker River | None | No | ----- |
| Material Pit LY21-01 | 2 | US-95A | LY | 27.8 | 39° 11' 30.411" | -119° 13' 3.743" | 80.0 | Carson River | None | No | ----- |
| Material Pit MI02-03 | 2 | US-95 | MI | 29.2 | 38° 31' 37.55" | -118° 15' 45.222" | 320.0 | Central Region | Unnamed Ephemeral Drainage | No | ----- |

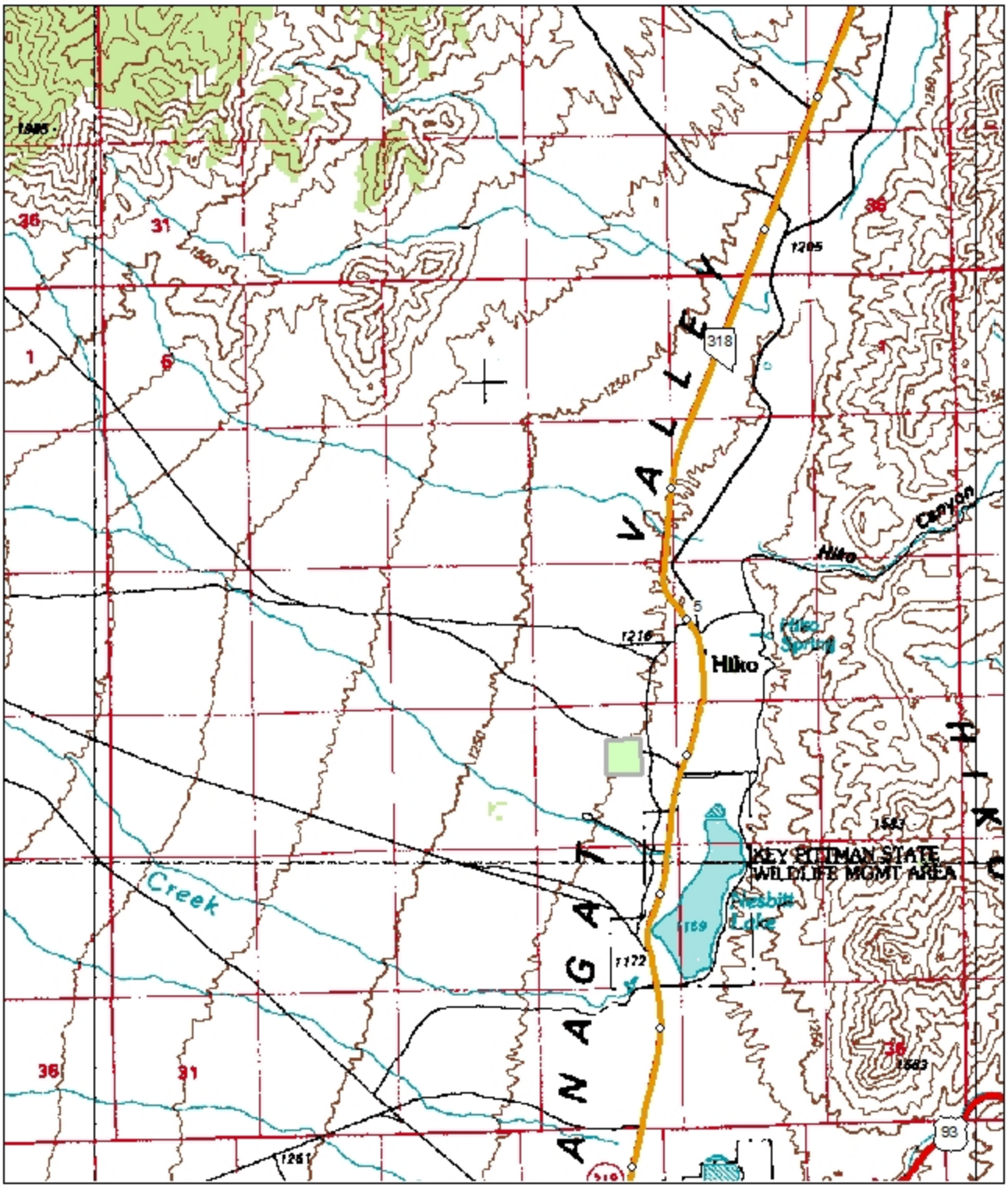
| Minor-B Facility | District | Address/Route | County | Milepost | Latitude | Longitude | Facility Size (Acres) | Drainage Basin | Receiving Waterway | Discharges to Waters of the U.S. | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Material Pit MI04-01 | 2 | US-95 | MI | 76.8 | 38° 50' 55.369" | -118° 46' 49.725" | 40.0 | Walker River | Unnamed Ephemeral Drainage | No | ----- |
| Material Pit WA37-03 | 2 | SR-447 | WA | 44.0 | 40° 13' 10.731" | -119° 22' 33.939" | 70.0 | Truckee River | None | No | ----- |
| Material Stockpile | 2 | SR-361 | CH | 13.0 | 39° 15' 33.849" | -118° 0' 47.496" | 1.1 | Central Region | NDOT MS4 | No | "Gabbs Cutoff" |
| Material Stockpile | 2 | US-50 | CH | 60.5 | 39° 17' 15.734" | -118° 9' 43.294" | 0.7 | Central Region | None | No | "Dixie Valley" |
| Material Stockpile | 2 | US-95 | CH | 58.9 | 39° 56' 26.344" | -118° 44' 54.378" | 0.8 | Humboldt River | None | No | "Trinity" |
| Material Stockpile | 2 | US-395 | DO | 8.8 | 38° 48' 13.146" | -119° 36' 24.349" | 0.2 | Carson River | None | No | "Leviathan" |
| Material Stockpile | 2 | SR-208 | LY | 0.8 | 38° 45' 58.519" | -119° 23' 38.571" | 2.8 | Walker River | NDOT MS4 | No | "Jack Wright"; Mixing Strip; Surface Water Connection to the Colony Ditch |
| Material Stockpile | 2 | SR-208 | LY | 10.0 | 38° 48' 11.443" | -119° 16' 11.499" | 2.6 | Walker River | None | No | "Wellington"; Mixing Strip |
| Material Stockpile | 2 | SR-338 | LY | 9.5 | 38° 30' 56.603 | -119° 12' 48.928" | 2.4 | Walker River | None | No | "Sweetwater"; Mixing Strip |
| Material Stockpile | 2 | US-50 | LY | 29.5 | 39° 24' 53.651" | -119° 13' 34.243" | 0.6 | Carson River | None | No | "Silver Springs" |
| Material Stockpile | 2 | SR-359 | MI | 7.0 | 38° 12' 0.522" | -118° 41' 9.199" | 0.6 | Central Region | NDOT MS4 | No | ----- |
| Material Stockpile | 2 | SR-359 | MI | 32.5 | 38° 30' 30.094" | -118° 37' 49.958" | 6.7 | Walker River | Unnamed Ephemeral Drainage | No | ----- |
| Material Stockpile | 2 | US-95A | MI | 83.2 | 38° 56' 27.215" | -118° 48' 39.894" | 0.4 | Walker River | NDOT MS4 | No | "Schurz" |
| Material Stockpile | 2 | I-80 | PE | 31.1 | 40° 20' 3.601" | -118° 19' 16.497" | 0.7 | Humboldt River | NDOT MS4 | Yes | "Oreana"; Surface Water Connection to the Humboldt River |
| Material Stockpile | 2 | I-80 | PE | 49.9 | 40° 35' 54.496" | -118° 15' 5.046" | 0.8 | Humboldt River | None | No | "Humboldt House" |
| Material Stockpile | 2 | SR-341 | ST | 9.2 | 39° 22' 13.816" | -119° 40' 1.704" | 1.2 | Truckee River | None | No | "Five Mile Flat" |
| Material Stockpile | 2 | SR-445 | WA | 22.1 | 39° 50' 12.03" | -119° 39' 30.105 | 0.1 | Truckee River | None | No | "Whiskey Springs" |
| Material Stockpile | 2 | SR-447 | WA | 8.0 | 39° 43' 35.168" | -119° 19' 59.138 | 3.5 | Truckee River | None | No | "Hatchery Road" |
| Material Stockpile | 2 | Fir St., Gerlach | WA | N/A | 40° 38' 58.476" | -119° 21' 34.764" | 0.5 | Black Rock Desert | None | No | "Gerlach Yard;" Off-System; Belongs to Washoe County |
| Material Pit EL14-02 | 3 | US-93 | EL | 68.4 | 41° 1' 23.843" | -114° 57' 10.265" | 60.0 | Central Region | None | No | ----- |
| Material Pit CC020120 | 3 | US-93 | WP | 2.0 | 38° 42' 18.948" | -114° 37' 22.788 | 40.0 | Central Region | None | No | ----- |
| Material Pit CC025129 | 3 | US-93 | WP | 59.0 | 39° 18' 57.344" | -114° 49' 18.344" | 40.0 | Central Region | None | No | ----- |
| Material Pit EL09-01 | 3 | US-93A | EL | 15.6 | 40° 15' 14.872" | -114° 19' 35.216" | 240.0 | Central | None | No | ----- |
| Material Pit EL10-01 | 3 | US-93A | EL | 34.0 | 40° 28' 56.592" | -114° 8' 24.529" | 120.0 | Great Salt Lake | None | No | ----- |
| Material Pit EL13-05 | 3 | US-93 | EL | 6.0 | 40° 11' 51.705 | -114° 41' 7.799" | 120.0 | Central Region | None | No | ----- |
| Material Pit EL16-03 | 3 | US-93 | EL | 116.6 | 41° 39' 35.50" | -114° 49' 53.83" | 100.0 | Snake River | None | No | ----- |
| Material Pit EL35-01 | 3 | SR-233 | EL | 18.5 | 41° 12' 41.029" | -114° 14' 14.126" | 40.0 | Great Salt Lake | Loray Wash | No | ----- |
| Material Pit EL-36-02 | 3 | SR-233 | EL | 25.6 | 41° 17' 33.304" | -114° 9' 38.47" | 80.0 | Great Salt Lake | None | No | "Montello Pit" |
| Material Pit EL37-01 | 3 | SR-229 | EL | 43.3 | 40° 38' 43.04" | -115° 8' 18.623" | 40.0 | Central Region | None | No | ----- |
| Material Pit EL81-01 | 3 | I-80 | EL | 4.1 | 40° 44' 52.943" | -116° 4' 46.404" | 400.0 | Humboldt River | None | No | ----- |
| Material Pit EL83-01 | 3 | I-80 | EL | 59.0 | 41° 4' 9.052" | -115° 17' 11.903" | 160.0 | Humboldt River | None | No | "Deeth" |
| Material Pit EL87-01 | 3 | I-80 | EL | 103.0 | 41° 1' 16.94" | -114° 29' 19.497" | 40.0 | Central Region | None | No | ----- |
| Material Pit EU02-06 | 3 | US-50 | EU | 31.6 | 39° 33' 48.053" | -116° 1' 43.5" | 40.0 | Central Region | None | No | ----- |
| Material Pit EU02-09 | 3 | US-50 | EU | 26.2 | 39° 34' 33.089" | -116° 6' 30.495" | 120.0 | Central Region | None | No | ----- |
| Material Pit EU05-02 | 3 | SR-278 | EU | 16.0 | 39° 46' 36.344" | -116° 5' 35.716" | 80.0 | Central Region | None | No | ----- |
| Material Pit HU06-03 | 3 | US-95 | HU | 46.1 | 41° 36' 28.247" | -117° 47' 16.829" | 40.0 | Black Rock Desert Region | None | No | ----- |
| Material Pit HU28-01 | 3 | SR-140 | HU | 100.6 | 41° 54' 28.378" | -119° 12' 27.782" | 90.0 | Northwest Region | None | No | ----- |
| Material Pit LA06-02 | 3 | US-50 | LA | 54.2 | 39° 28' 25.052" | -116° 38' 2.815" | 80.0 | Central Region | None | No | ----- |
| Material Pit LA08-04 | 3 | SR-305 | LA | 45.5 | 39° 41' 52.023" | -117° 10' 5.964" | 80.0 | Humboldt River | None | No | ----- |
| Material Pit LA10-11 | 3 | SR-305 | LA | 109.2 | 40° 32' 34.775" | -117° 3' 0.261" | 40.0 | Humboldt River | None | No | ----- |
| Material Pit LA14-01 | 3 | SR-722 | LA | 39.0 | 39° 27' 27.569" | -117° 8' 17.307" | 120.0 | Humboldt River | None | No | ----- |
| Material Pit LA19-03 | 3 | US-50 | LA | 1.9 | 39° 31' 24.221" | -117° 28' 10.321" | 160.0 | Central Region | None | No | ----- |
| Material Pit NEV004750 | 3 | SR-893 | WP | 29.0 | 39° 26' 53.355" | -114° 30' 32.449" | 40.0 | Central Region | None | No | ----- |
| Material Pit NY20-01 | 3 | SR-379 | NY | 5.4 | 38° 48' 1.493" | -115° 32' 28.483" | 40.0 | Central Region | None | No | ----- |
| Material Pit NY33-20 | 3 | SR-318 | NY | 12.0 | 38° 19' 50.372" | -115° 3' 8.935" | 150.0 | Colorado River | None | No | ----- |
| Material Pit WP01-06 | 3 | US-50 | WP | 44.5 | 39° 25' 52.273" | -115° 10' 49.884" | 30.0 | Central Region | None | No | ----- |
| Material Pit WP05-01 | 3 | US-93 | WP | 71.0 | 39° 29' 16.909" | -114° 45' 46.46" | 180.0 | Central Region | None | No | ----- |
| Material Pit WP05-04 | 3 | US-93 | WP | 85.5 | 39° 41' 24.641" | -114° 45' 54.857" | 280.0 | Central Region | Unnamed Ephemeral Drainage | No | ----- |
| Material Pit WP06-02 | 3 | US-93 | WP | 108.0 | 40° 0' 33.244" | -114° 39' 30.765" | 40.0 | Central Region | None | No | ----- |
| Material Pit WP06-03 | 3 | US-93 | WP | 108.0 | 40° 0' 47.39" | -114° 39' 39.346" | 40.0 | Central Region | None | No | ----- |
| Material Pit WP08-03 | 3 | US-6 | WP | 3.8 | 38° 52' 11.813" | -115° 13' 2.315" | 40.0 | Colorado River | None | No | ----- |
| Material Pit WP21-02 | 3 | SR-487 | WP | 9.0 | 39° 2' 47.796" | -114° 9' 3.291" | 40.0 | Great Salt Lake | None | No | ----- |
| Material Pit WP24-02 | 3 | SR-318 | WP | 7.9 | 38° 48' 55.485 | -115° 0' 44.588" | 40.0 | Colorado River | None | No | ----- |
| Material Pit WP29-01 | 3 | SR-892 | WP | 4.0 | 39° 25' 51.226" | -115° 48' 37.306" | 100.0 | Central Region | None | No | ----- |

| Minor-B Facility | District | Address/Route | County | Milepost | Latitude | Longitude | Facility Size (Acres) | Drainage Basin | Receiving Waterway | Discharges to Waters of the U.S. | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Material Pit WP33-01 | 3 | SR-893 | WP | 3.0 | 39° 4' 33.303" | -114° 31' 58.512" | 90.0 | Central Region | None | No | ----- |
| Material Stockpile | 3 | None | EL | N/A | 40° 43' 43.803" | -116° 4' 55.155" | 8.3 | Humboldt River | None | No | "Susie Creek"; Off-System |
| Material Stockpile | 3 | FREL28 | EL | 3.8 | 41° 5' 47.357" | -115° 7' 34.747" | 0.8 | Humboldt River | None | No | ----- |
| Material Stockpile | 3 | I-80 | EL | 42.8 | 40° 57' 22.993" | -115° 28' 58.73" | 1.6 | Humboldt River | None | No | "Halleck" |
| Material Stockpile | 3 | I-80 | EL | 87.3 | 41° 5' 29.529" | -114° 42' 36.754" | 2.5 | Central Region | None | No | "Independence Valley" |
| Material Stockpile | 3 | I-80 | EL | 112.0 | 40° 55' 33.541" | -114° 19' 38.302" | 1.5 | Central Region & Great Salt Lake | NDOT MS4 | No | "Silver Zone" |
| Material Stockpile | 3 | SR-225 | EL | 56.5 | 41° 11' 3.348" | -115° 49' 24.96" | 0.8 | Humboldt River | NDOT MS4 | No | "Lone Mountain" |
| Material Stockpile | 3 | SR-225 | EL | 78.5 | 41° 29' 30.527" | -115° 49' 25.651" | 1.3 | Humboldt River | None | No | "North Fork" |
| Material Stockpile | 3 | SR-225 | EL | 109.1 | 41° 48' 57.274" | -115° 57' 8.05" | 0.5 | Snake River | NDOT MS4 | Yes | "Patsville Area;" Surface Water Connection to the Owyhee River |
| Material Stockpile | 3 | SR-230 | EL | 0.6 | 41° 3' 54.948" | -115° 17' 12.506" | 1.4 | Humboldt River | NDOT MS4 | No | "Deeth" |
| Material Stockpile | 3 | SR-226 | EL | 19.4 | 41° 18' 1.763" | -116° 6' 55.779" | 0.6 | Humboldt River | None | No | ----- |
| Material Stockpile | 3 | SR-227 | EL | 7.4 | 40° 46' 39.097" | -115° 40' 41.752" | 1.6 | Humboldt River | None | No | "Jiggs Jct." |
| Material Stockpile | 3 | SR-228 | EL | 5.9 | 40° 30' 9.163" | -115° 39' 45.354" | 1.1 | Humboldt River | None | No | ----- |
| Material Stockpile | 3 | SR-233 | EL | 20.6 | 41° 14' 12.077" | -114° 13' 18.986" | 0.4 | Great Salt Lake | Loray Wash | No | "Montello Highway" |
| Material Stockpile | 3 | SR-535 | EL | 21.7 | 40° 48' 32.564" | -115° 49' 34.076" | 0.7 | Humboldt River | None | No | ----- |
| Material Stockpile | 3 | SR-535 | EL | 22.0 | 40° 48' 34.974" | -115° 49' 18.791" | 2.9 | Humboldt River | Unnamed Ephemeral Drainage | No | Millings Pile |
| Material Stockpile | 3 | US-93 | EL | 49.5 | 40° 45' 31.872" | -115° 2' 9.793" | 1.0 | Central Region | None | No | "Warm Springs" |
| Material Stockpile | 3 | US-93 | EL | 96.5 | 41° 23' 11.499" | -114° 46' 19.833" | 1.6 | Great Salt Lake | NDOT MS4 | No | "HD Summit" |
| Material Stockpile | 3 | US-93A | EL | 15.6 | 40° 17' 14.595" | -114° 21' 48.566" | 0.9 | Central Region | None | No | "Dolly Varden" |
| Material Stockpile | 3 | US-93A | EL | 30.2 | 40° 25' 38.715" | -114° 10' 43.812" | 1.1 | Great Salt Lake | None | No | "Old Ferguson" |
| Material Stockpile | 3 | FREL28 | EL | 4.3 | 41° 5' 53.834" | -115° 6' 57.609" | 1.5 | Humboldt River | None | No | ----- |
| Material Stockpile | 3 | FREU02 | EU | 2.1 | 40° 41' 50.854" | -116° 33' 17.871" | 1.1 | Humboldt River | None | No | "Dunphy" |
| Material Stockpile | 3 | SR-278 | EU | 35.3 | 40° 0' 59.444" | -116° 11' 33.351" | 0.8 | Humboldt River | None | No | "Alpha" |
| Material Stockpile | 3 | SR-278 | EU | 61.2 | 40° 22' 16.865" | -116° 6' 45.561" | 0.5 | Humboldt River | None | No | "Midway" |
| Material Stockpile | 3 | SR-306 | EU | 2.9 | 40° 26' 16.681" | -116° 34' 16.002" | 1.5 | Humboldt River | None | No | ----- |
| Material Stockpile | 3 | US-95 | HU | 22.4 | 41°17'22.639" | -117° 41' 29.949" | 1.7 | Humboldt River | None | No | "Paradise Valley" |
| Material Stockpile | 3 | I-80 | HU | 23.7 | 41° 0' 54.033" | -117° 34' 22.82" | 0.4 | Humboldt River | None | No | "Button Point" |
| Material Stockpile | 3 | I-80 | HU | 36.0 | 40° 55' 18.579" | -117° 23' 37.018" | 1.4 | Humboldt River | None | No | "Golconda Summit" |
| Material Stockpile | 3 | I-80 | HU | 53.1 | 40° 47' 20.288" | -117° 7' 41.362" | 1.0 | Humboldt River | None | No | "Valmy" |
| Material Stockpile | 3 | SR-140 | HU | 14.5 | 41° 24' 52.561" | -118° 3' 33.068" | 1.0 | Black Rock Desert | None | No | "Sod House" |
| Material Stockpile | 3 | SR-140 | HU | 88.2 | 41° 53' 59.414" | -118° 59' 24.863" | 0.7 | Northwest Region | None | No | "Thousand Creek" |
| Material Stockpile | 3 | SR-140 | HU | 109.9 | 41° 59' 26.775" | -119° 19' 8.988" | 0.4 | Northwest Region | None | No | "Wilson" |
| Material Stockpile | 3 | US-95 | HU | 2.5 | 41° 0' 586" | -117° 43' 56.882" | 0.6 | Humboldt River | None | No | "Reinhart" |
| Material Stockpile | 3 | US-95 | HU | 71.1 | 41° 57' 38.232" | -117° 42' 36.967" | 1.3 | Black Rock Desert Region | None | No | "McDermitt" |
| Material Stockpile | 3 | US-50 | LA | 0.3 | 39° 32' 26.939" | -117° 28' 45.146" | 1.0 | Central Region | None | No | "New Pass" |
| Material Stockpile | 3 | I-80 | LA | 19.2 | 40° 39' 43.406" | -116° 44' 7.536" | 0.6 | Humboldt River | None | No | "Argenta" |
| Material Stockpile | 3 | SR-305 | LA | 72.8 | 40° 2' 46.485" | -117° 11' 3.043" | 1.0 | Humboldt River | None | No | "Antelope Valley" |
| Material Stockpile | 3 | SR-306 | LA | 10.1 | 40° 22' 18.926" | -116° 36' 44.473" | 2.5 | Humboldt River | NDOT MS4 | No | ----- |
| Material Stockpile | 3 | US-50 | LA | 17.5 | 39° 29' 33.783" | -117° 11' 2.313" | 0.6 | Humboldt River | NDOT MS4 | No | "Frog Pond" |
| Material Stockpile | 3 | SR-318 | NY | 20.9 | 38° 27' 8.561" | -115° 0' 43.958" | 0.9 | Colorado River | None | No | "Sunnyside" |
| Material Stockpile | 3 | I-80 | PE | 69.7 | 40° 47' 25.378" | -117° 59' 36.315 | 1.0 | Humboldt River | None | No | "Cosgrave" |
| Material Stockpile | 3 | US-50 | WP | 4.0 | 39° 22' 28.40" | -115° 50' 17.295" | 1.4 | Central Region | None | No | ----- |
| Material Stockpile | 3 | US-50 | WP | 34.4 | 39° 21' 20.518" | -115° 20' 11.478" | 0.6 | Central Region | None | No | "Moorman Ranch" |
| Material Stockpile | 3 | US-6 | WP | 40.4 | 39° 13' 42.214" | -114° 51' 32.52" | 3.5 | Central Region | Unnamed Ephemeral Drainage | No | "Cedar Park" |
| Material Stockpile | 3 | US-6 | WP | 62.8 | 39° 2' 18.128" | -114° 38' 49.721" | 1.2 | Central Region | None | No | ----- |
| Material Stockpile | 3 | US-6 | WP | 65.0 | 39° 1' 28.235" | -114° 34' 48.053" | 0.8 | Central Region | None | No | "Majors Station" |
| Material Stockpile | 3 | US-93 | WP | 92.5 | 39° 47' 46.566" | -114° 44' 30.25" | 1.0 | Central Region | None | No | "Schellborne Station" |
| Material Stockpile | 3 | US-93 | WP | 112.8 | 40° 3' 54.662" | -114° 36' 53.948" | 3.8 | Central Region | None | No | "Lages Jct." |

[1]Material Pit acreages take into account both developed and undeveloped portions of the property.

District I Minor-B Maintenance Facility Area Maps

# Pit # CC023306
# Site Location Map
# SR-318 LN 4.0

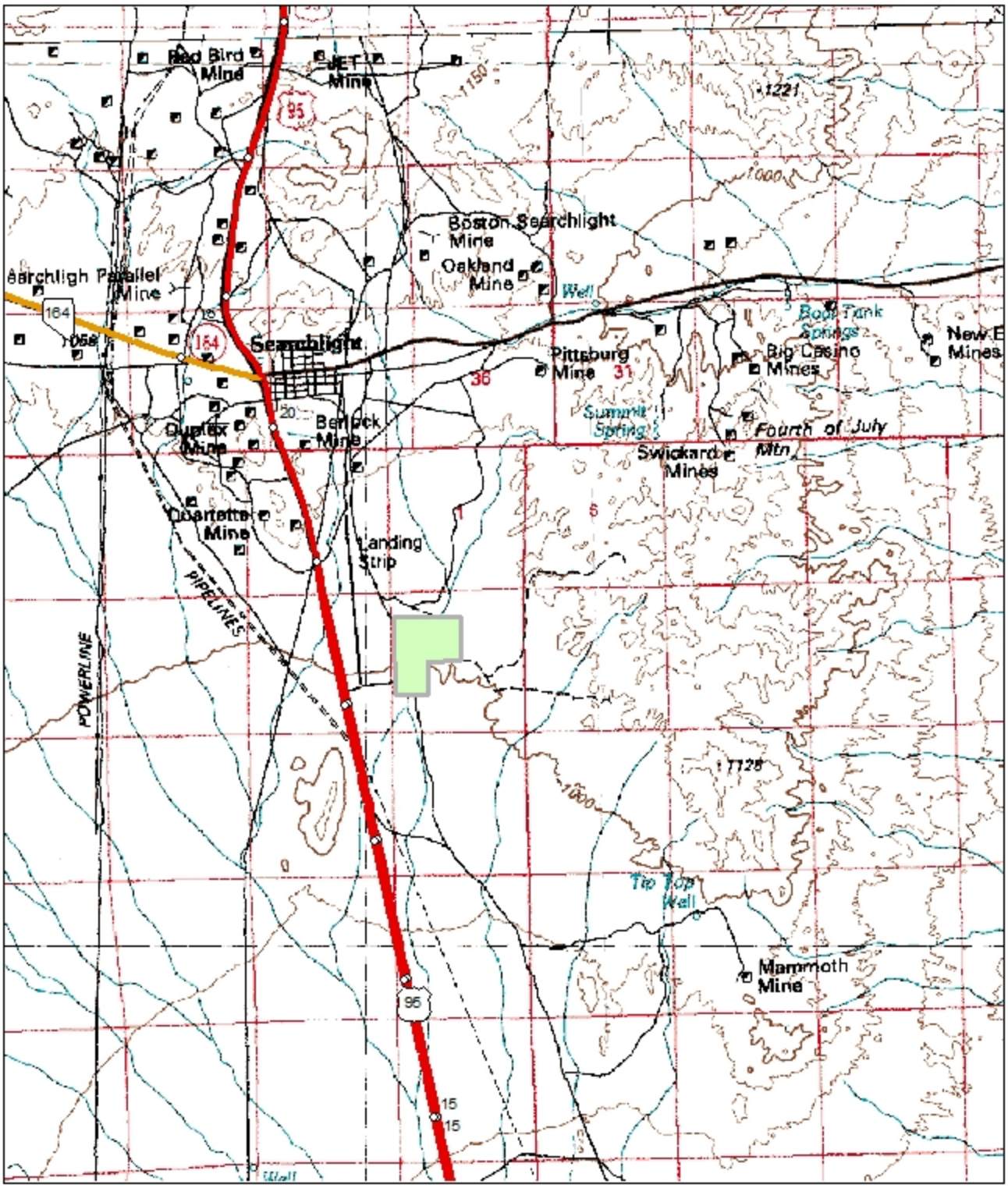



0 0.425 0.85 1.7 2.55 3.4 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # CL 09-01
# Site Location Map
# US-95 CL 18.0

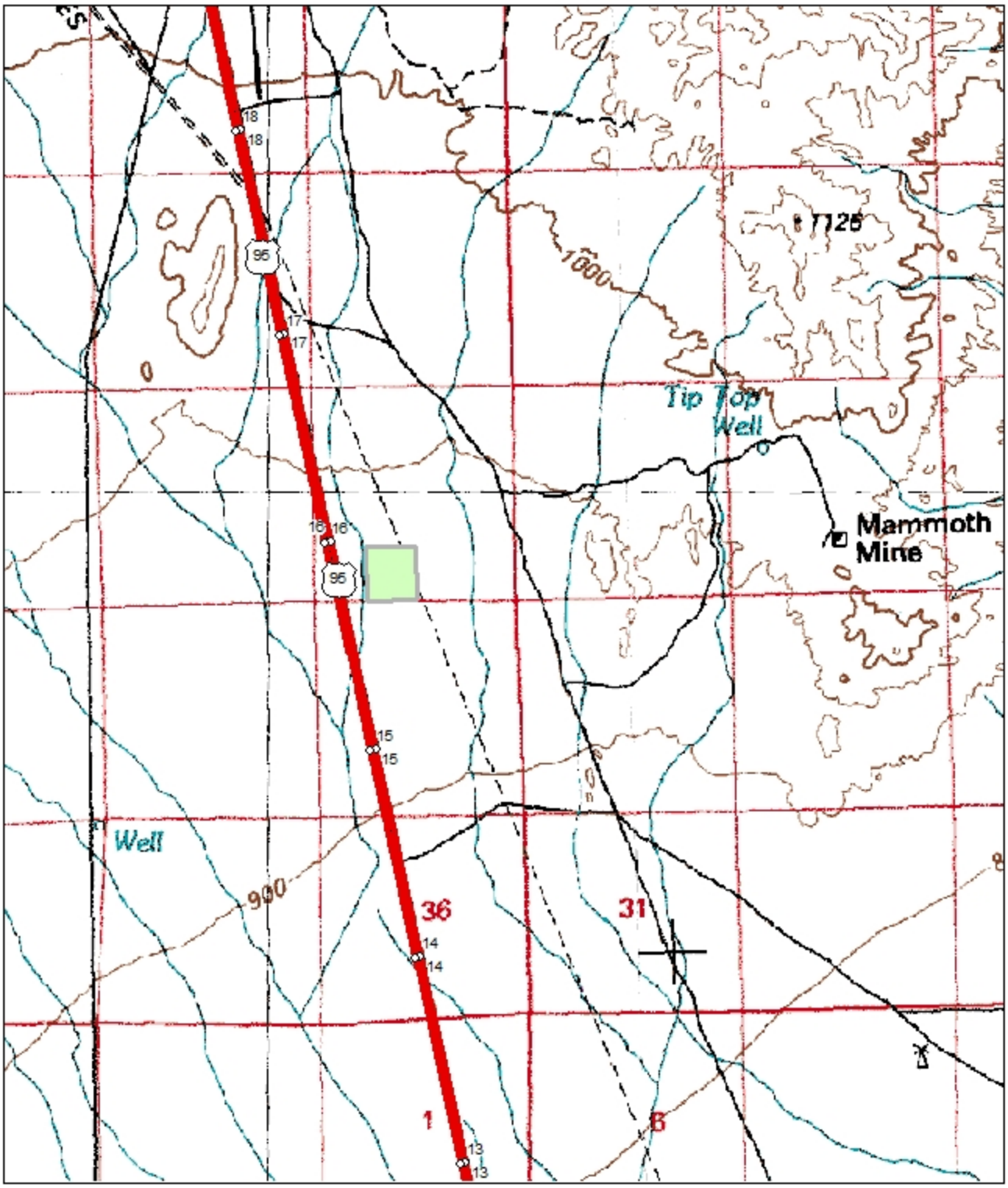



0 0.425 0.85 1.7 2.55 3.4 Miles

N W E S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # CL 09-03
# Site Location Map
# US-95 CL 15.8

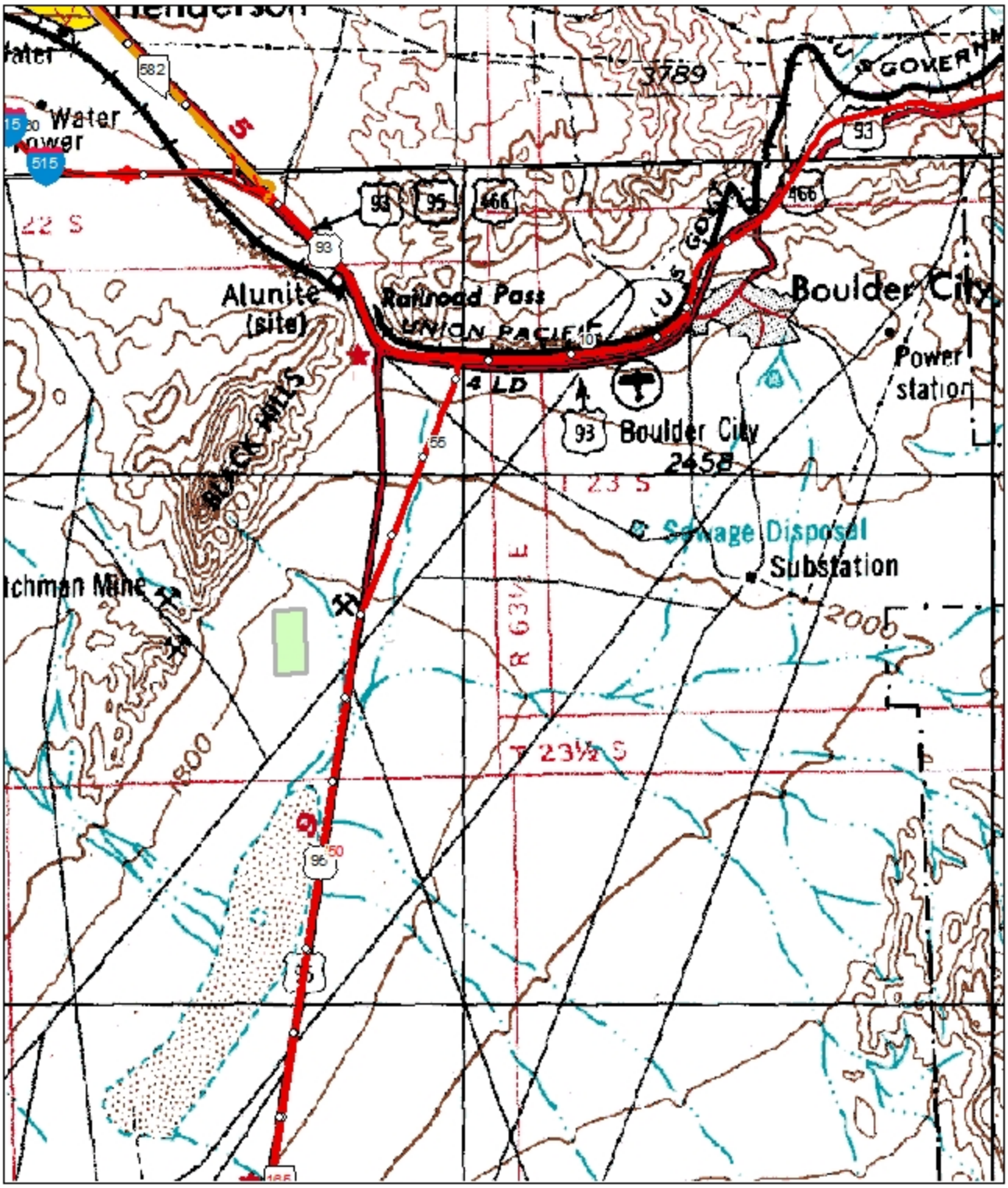



0 0.275 0.55 1.1 1.65 2.2 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # CL 11-06
# Site Location Map
# US-95 CL 52.0

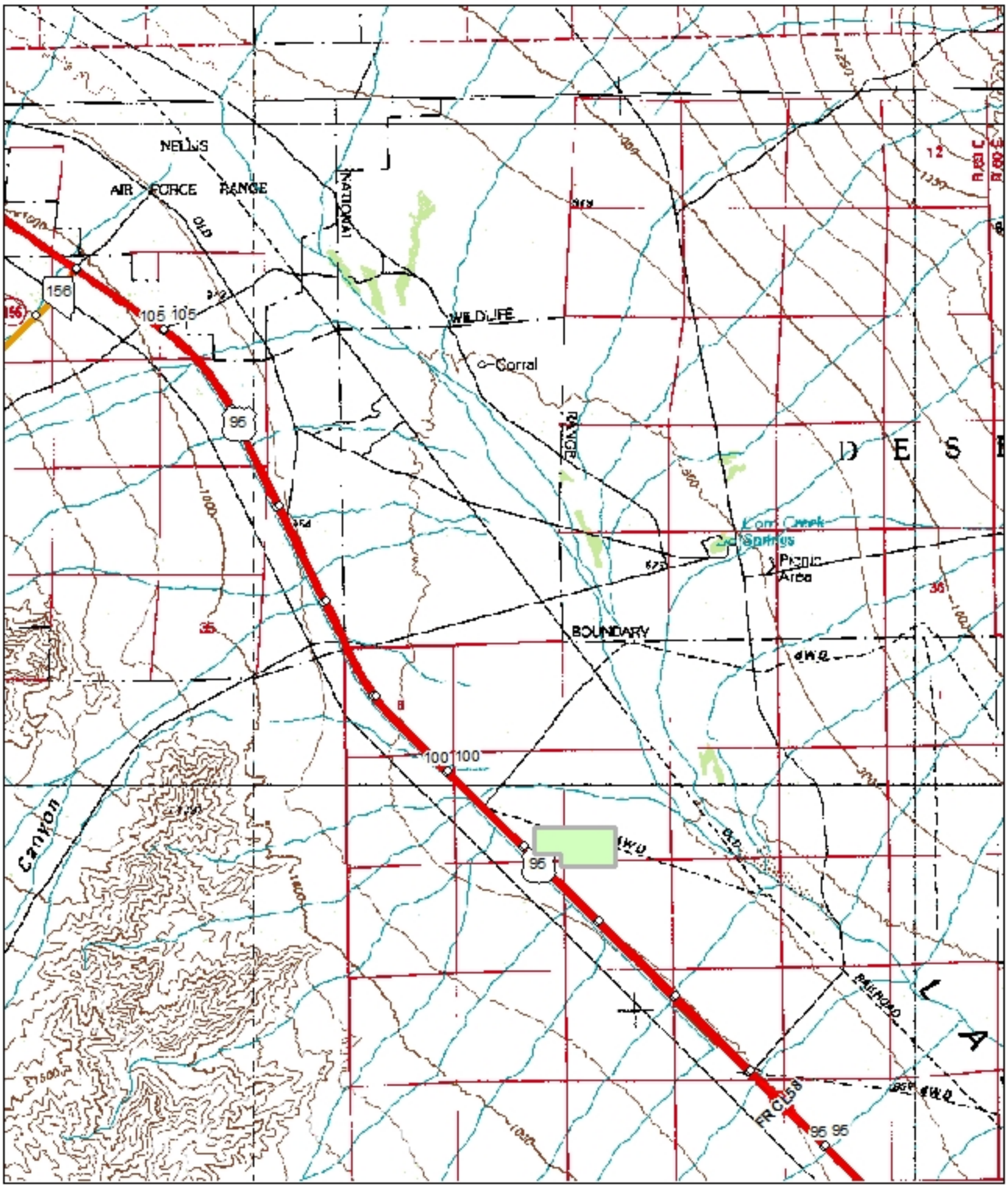



0 0.5 1 2 3 4 Miles

N
W E
S

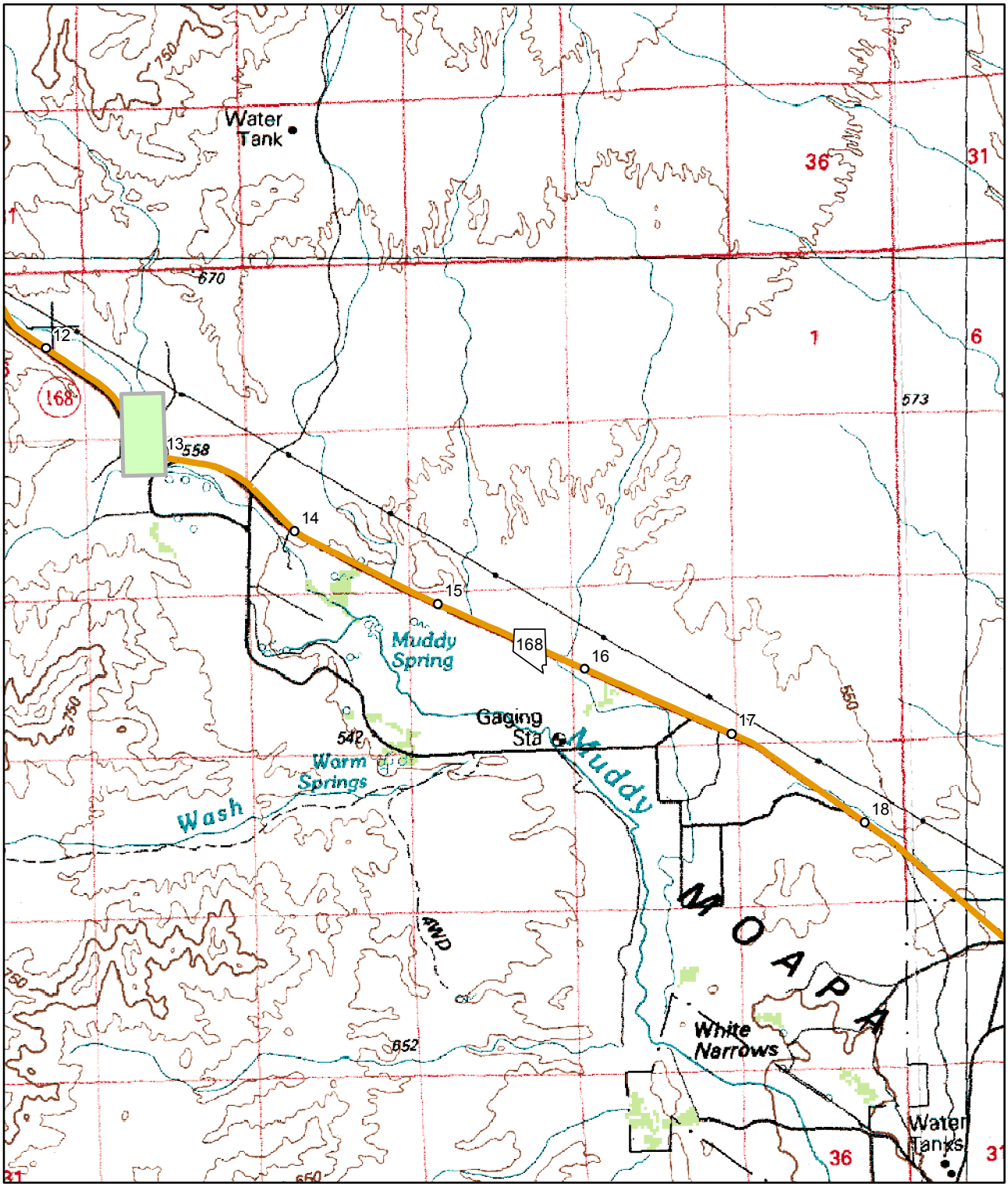
The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # CL 18-02
# Site Location Map
# US-95 CL 98.8




The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # CL 25-01
# Site Location Map
# SR-168 CL 13.0

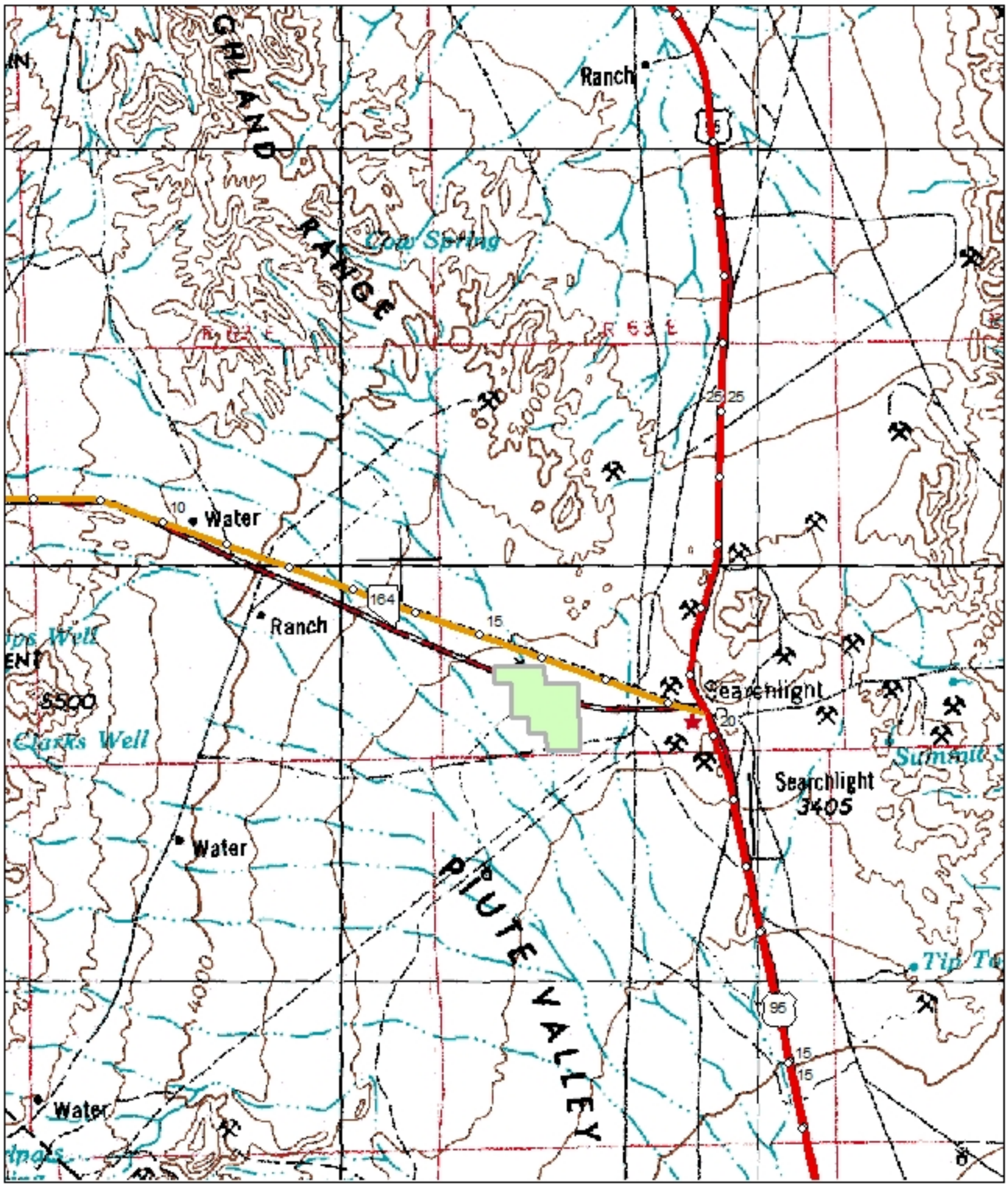



0 0.375 0.75 1.5 2.25 3 Miles

N
W E
S

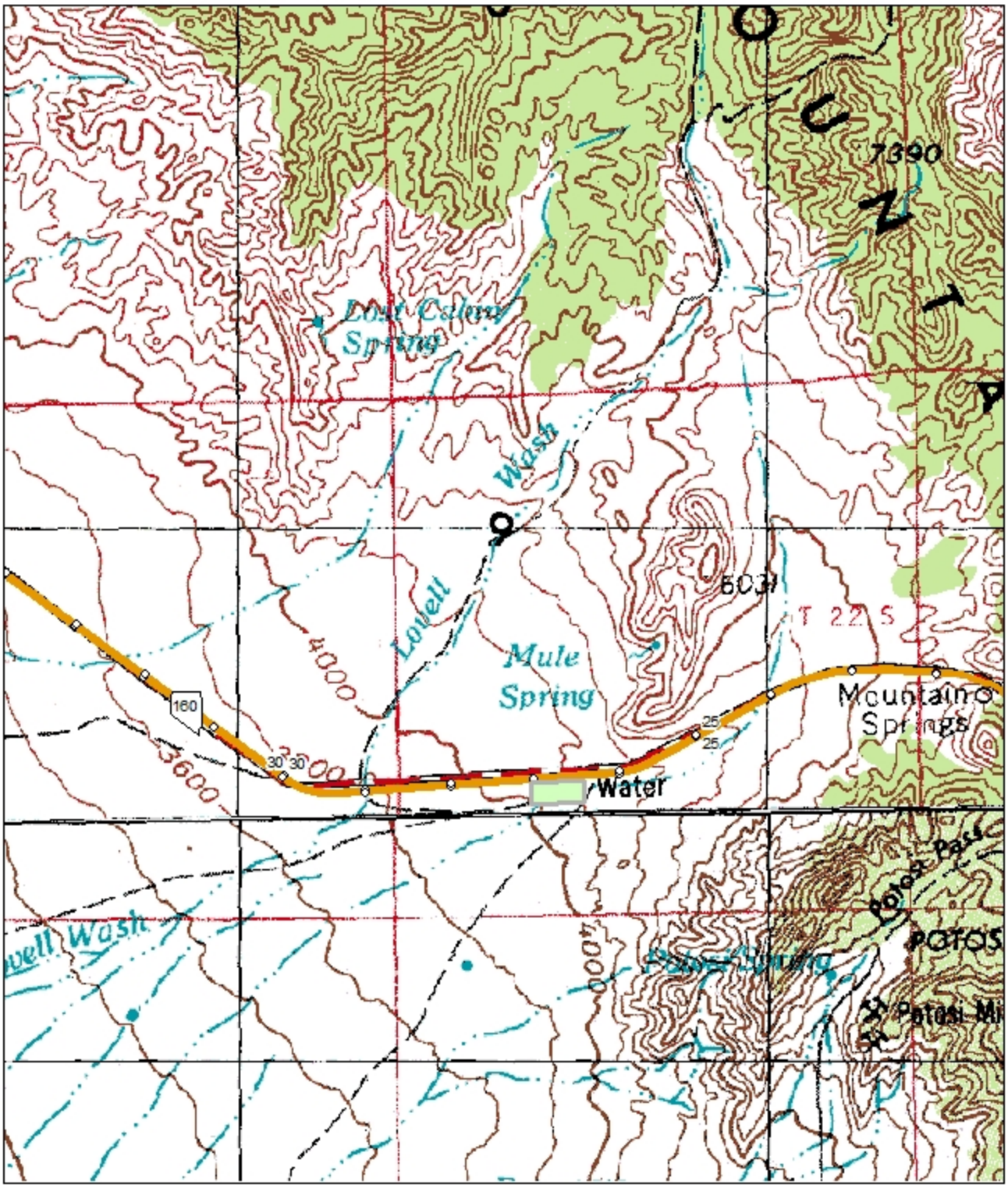
The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # CL 32-02
# Site Location Map
# SR-164 CL 15.4




The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # CL 47-03
# Site Location Map
# SR-160 CL 26.9

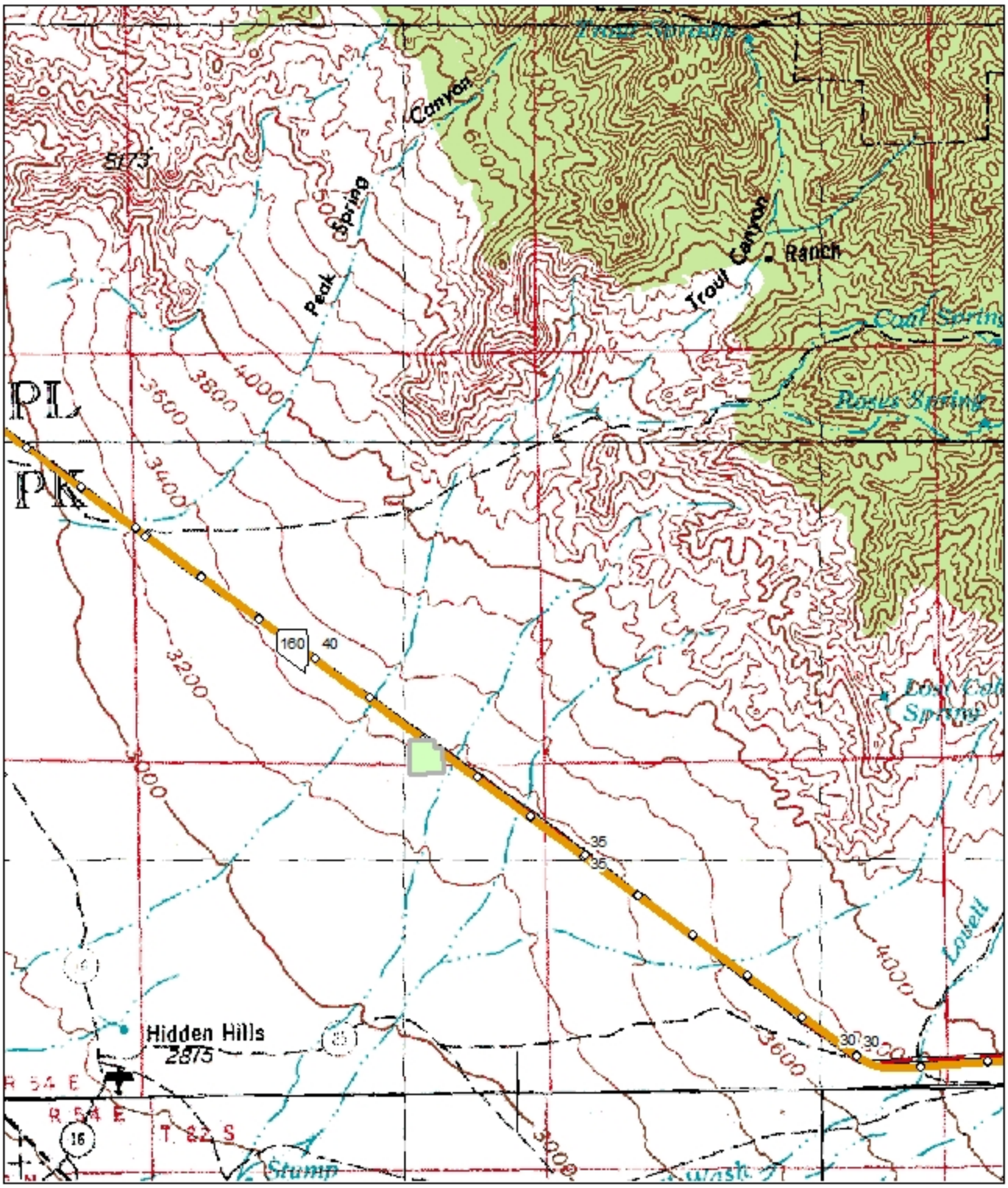



0 0.5 1 2 3 4 Miles

N
W E
S

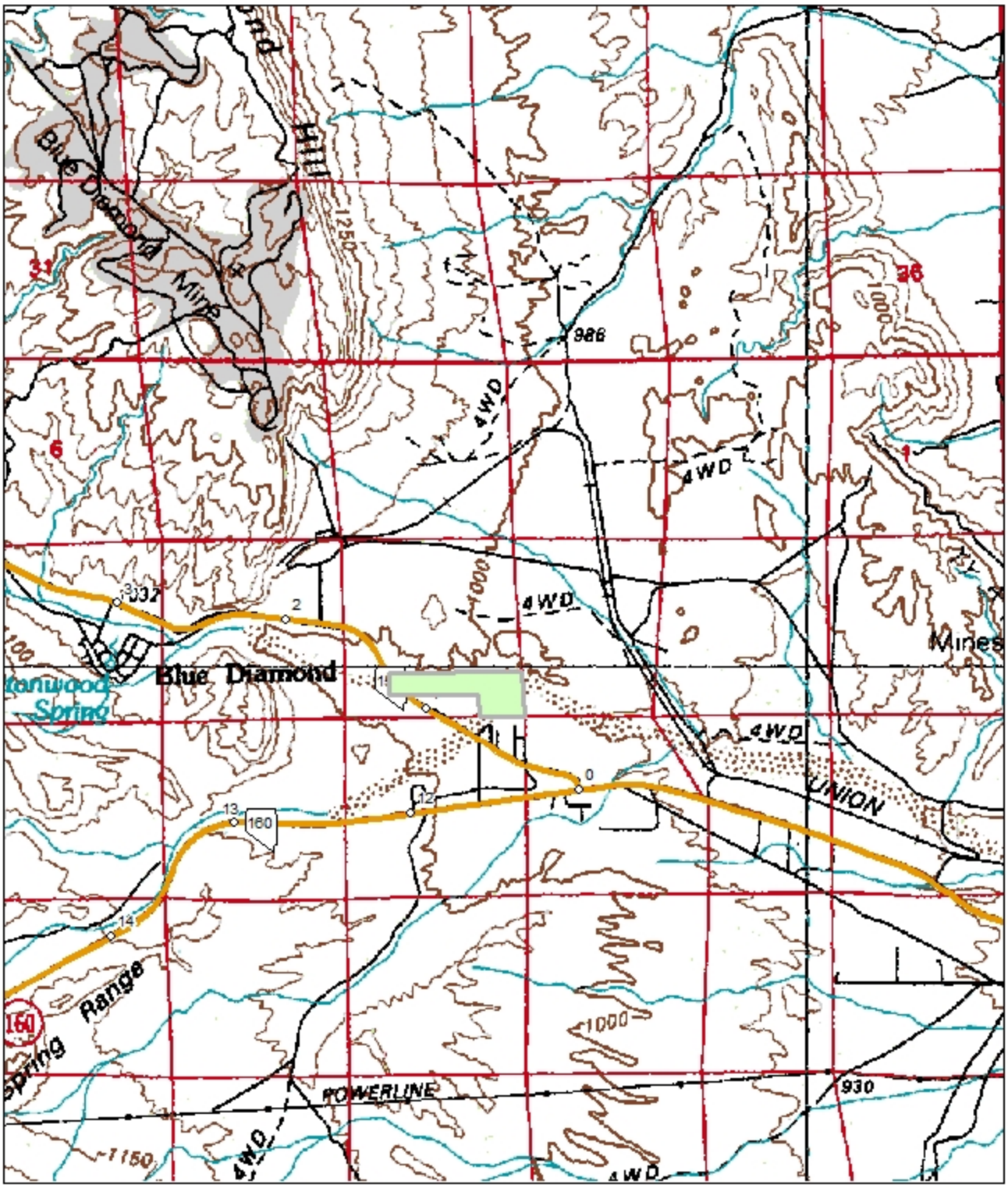
The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # CL 47-04
# Site Location Map
# SR-160 CL 37.8




The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # CL 69-01
# Site Location Map
# SR-159 CL 1.3

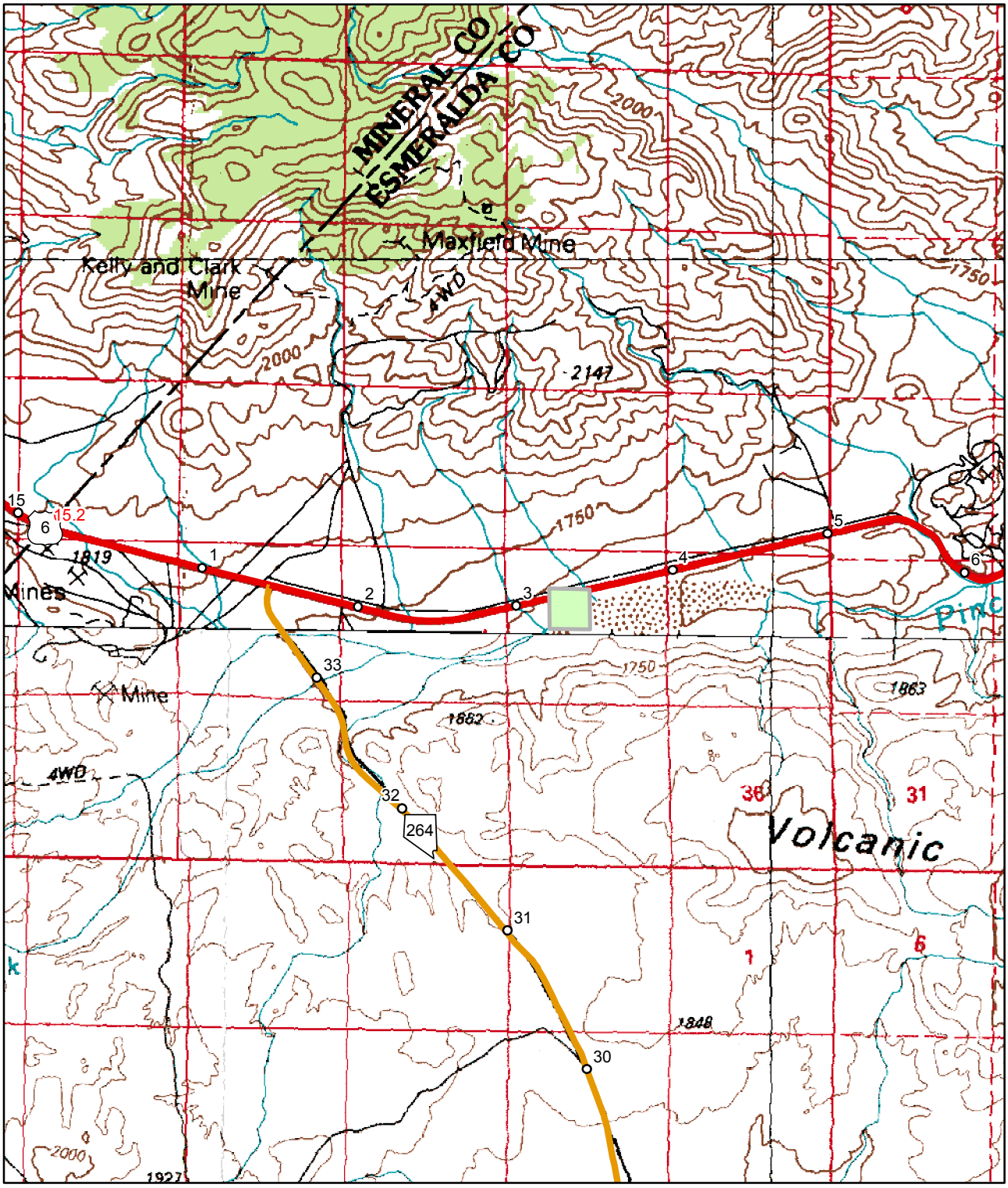



0 0.35 0.7 1.4 2.1 2.8 Miles

N W E S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # ES 01-01
# Site Location Map
# US-6 ES 3.3

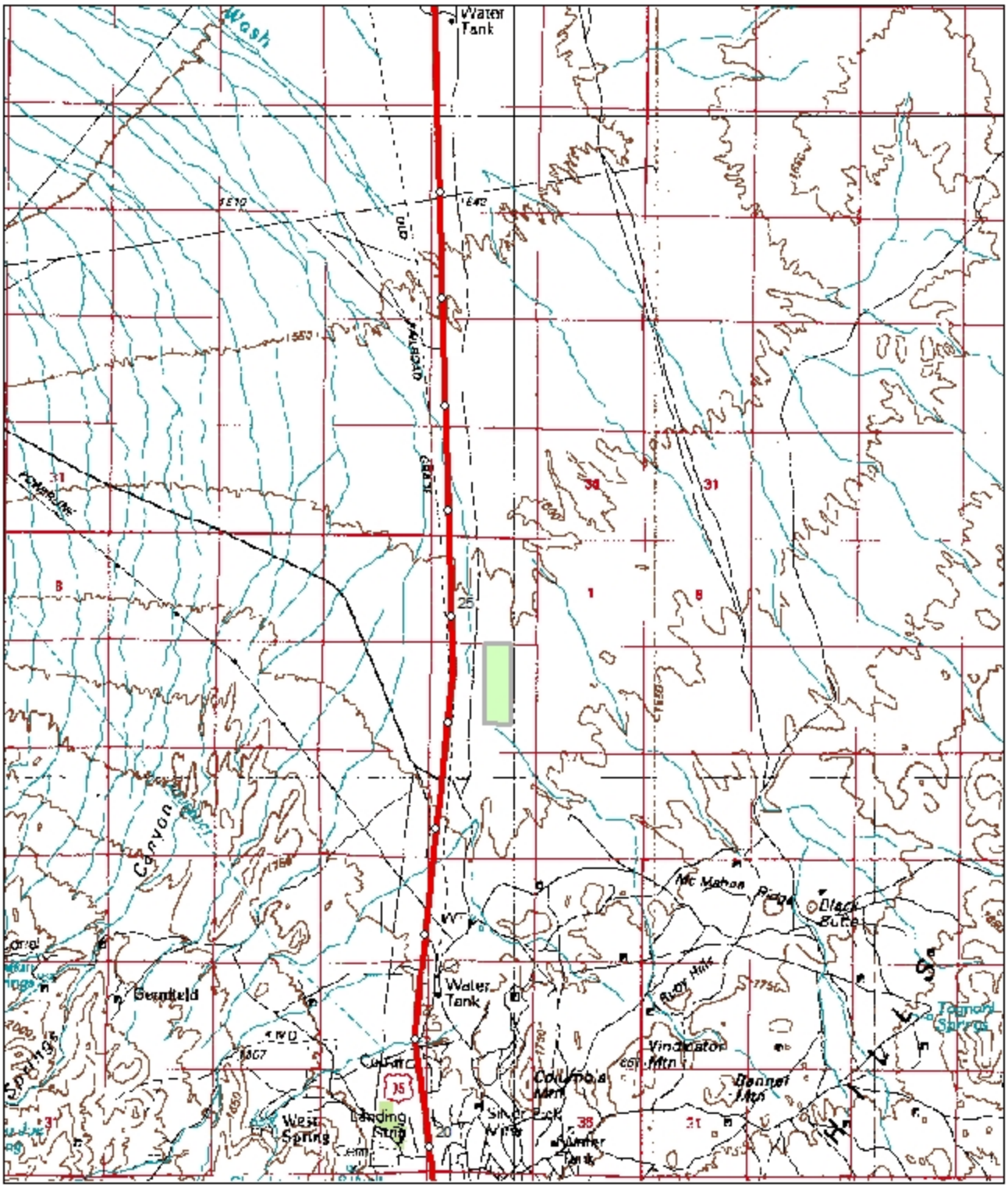



0 0.375 0.75 1.5 2.25 3 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # ES 04-01
# Site Location Map
# US-95 ES 24.5




0 0.5 1 2 3 4 Miles

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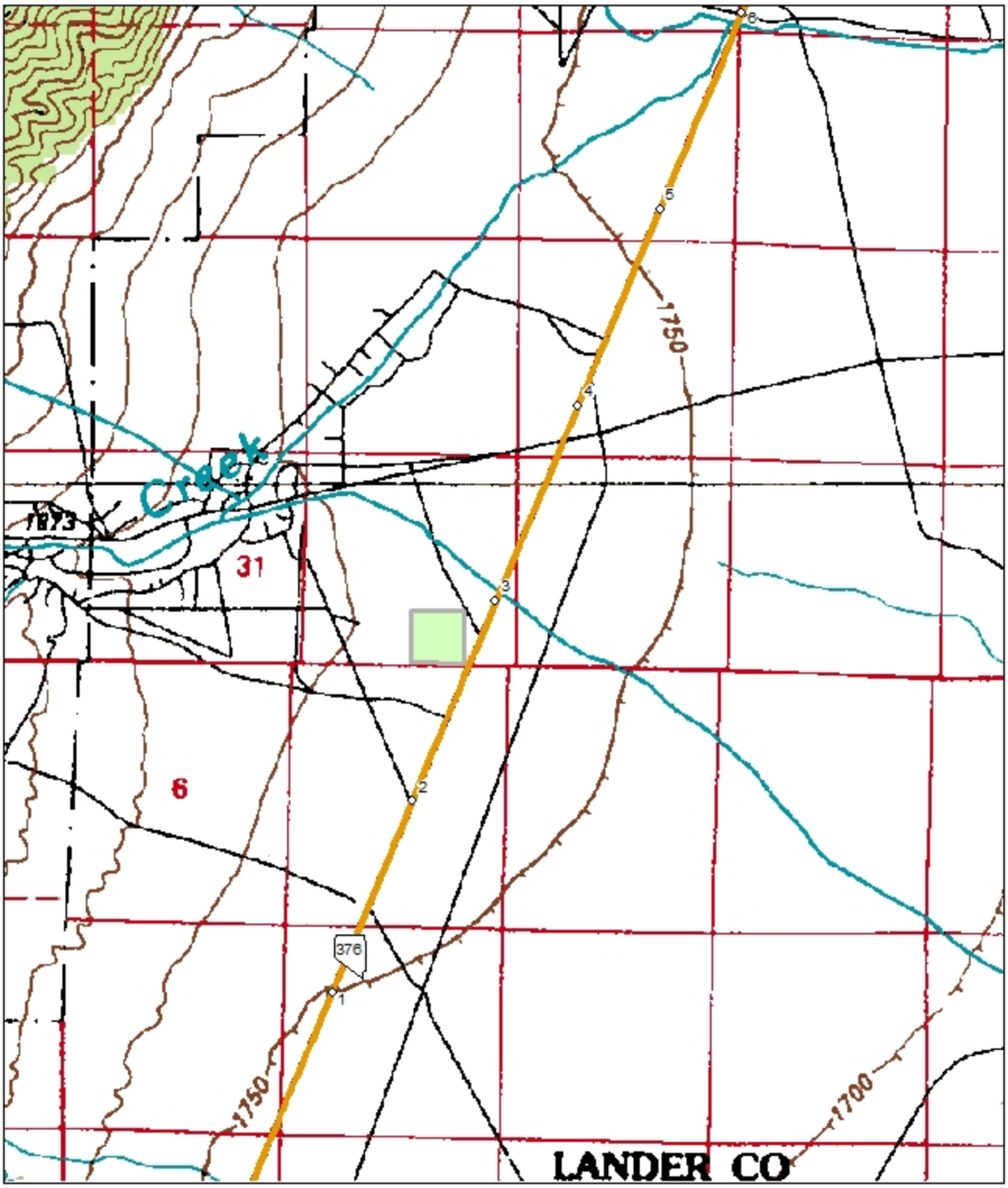
The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # LA 07-02
# Site Location Map
# SR-376 LA 2.6

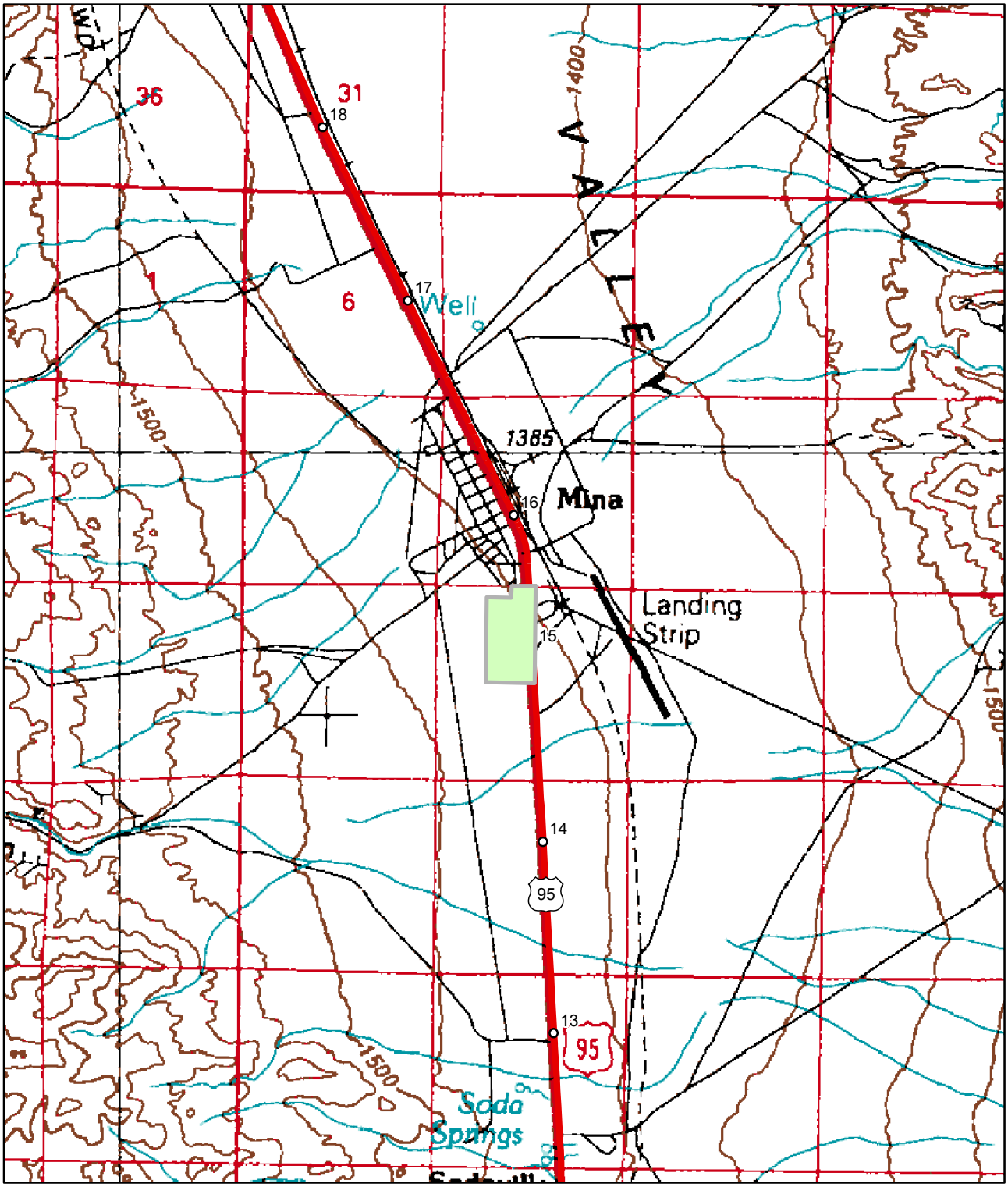



0 0.275 0.55 1.1 1.65 2.2 Miles

N W E S

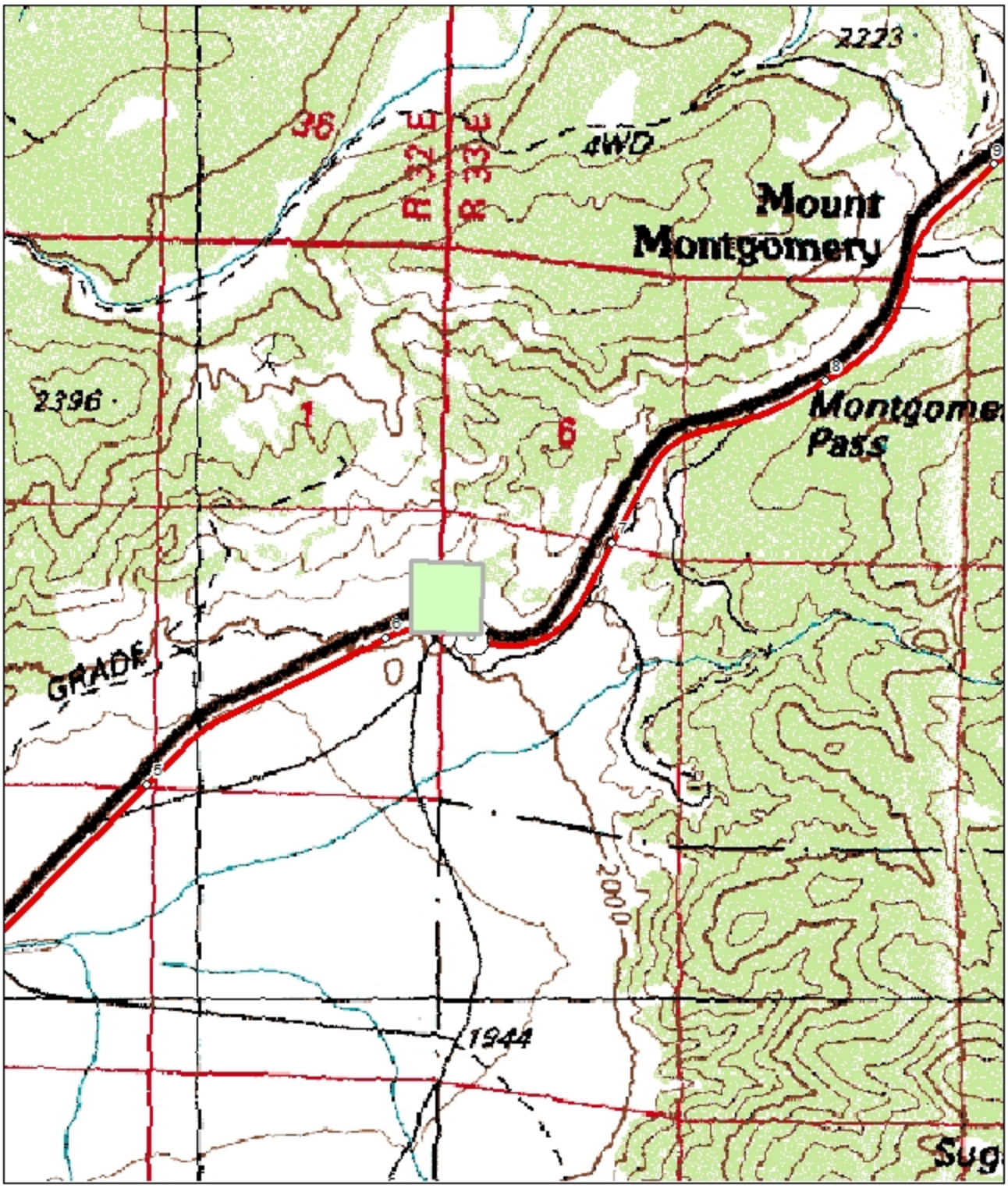
The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # MI 01-04
# Site Location Map
# US-95 MI 15.5




The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # MI 06-02
# Site Location Map
# US-6 MI 6.2

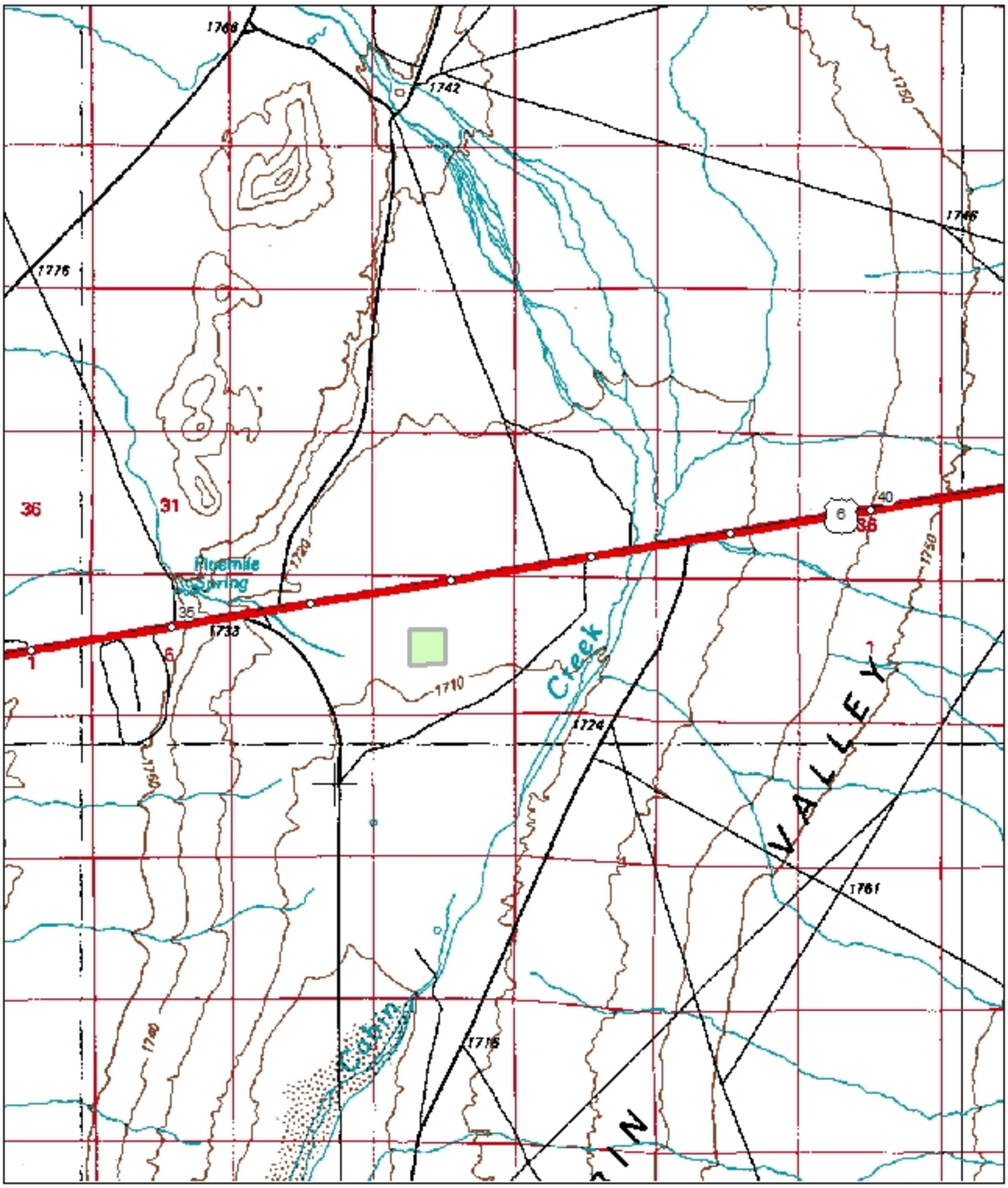



0 0.2 0.4 0.8 1.2 1.6 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # NY 02-03
# Site Location Map
# US-6 NY 36.7

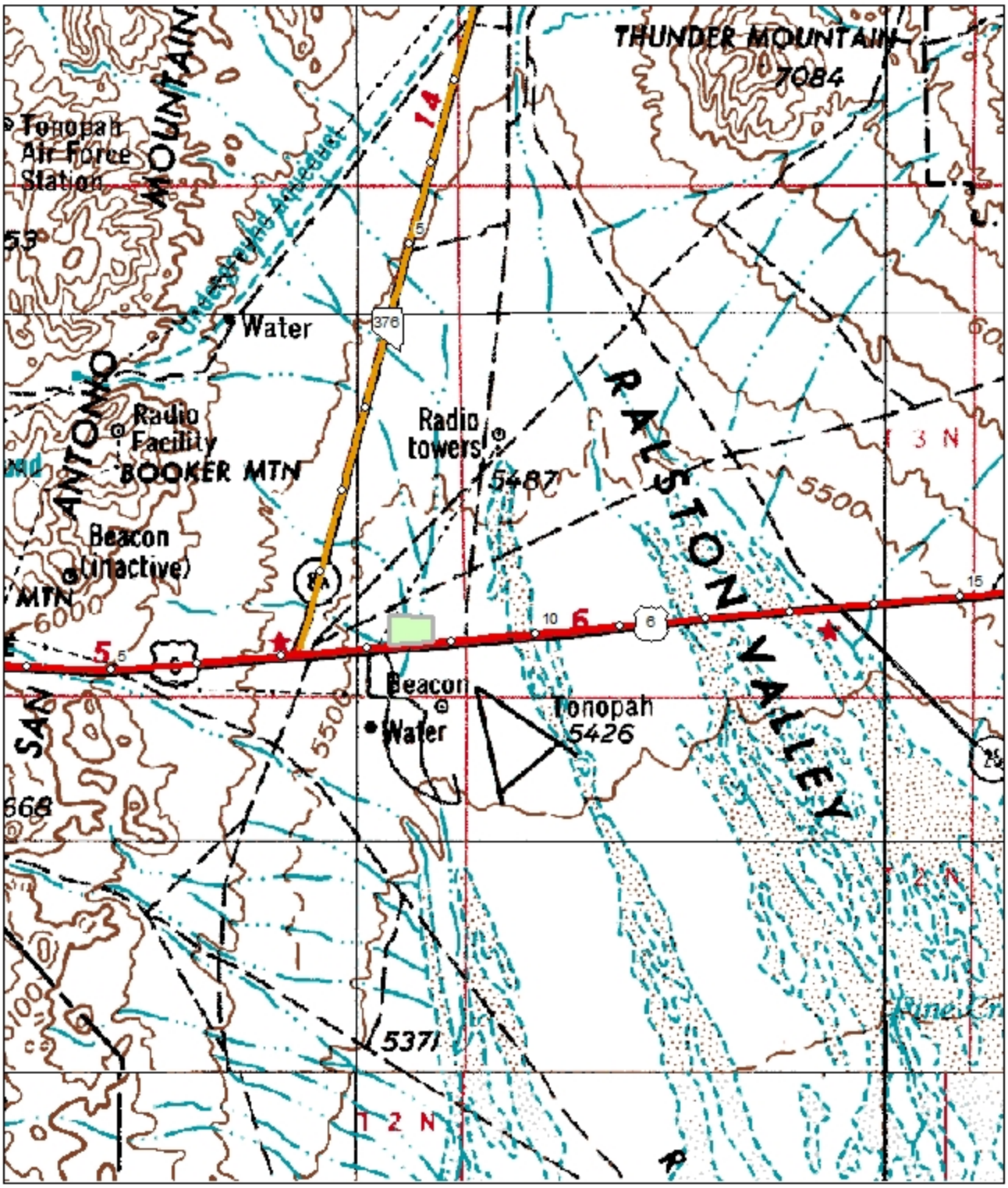



0 0.425 0.85 1.7 2.55 3.4 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # NY 02-04
# Site Location Map
# US-6 NY 8.7

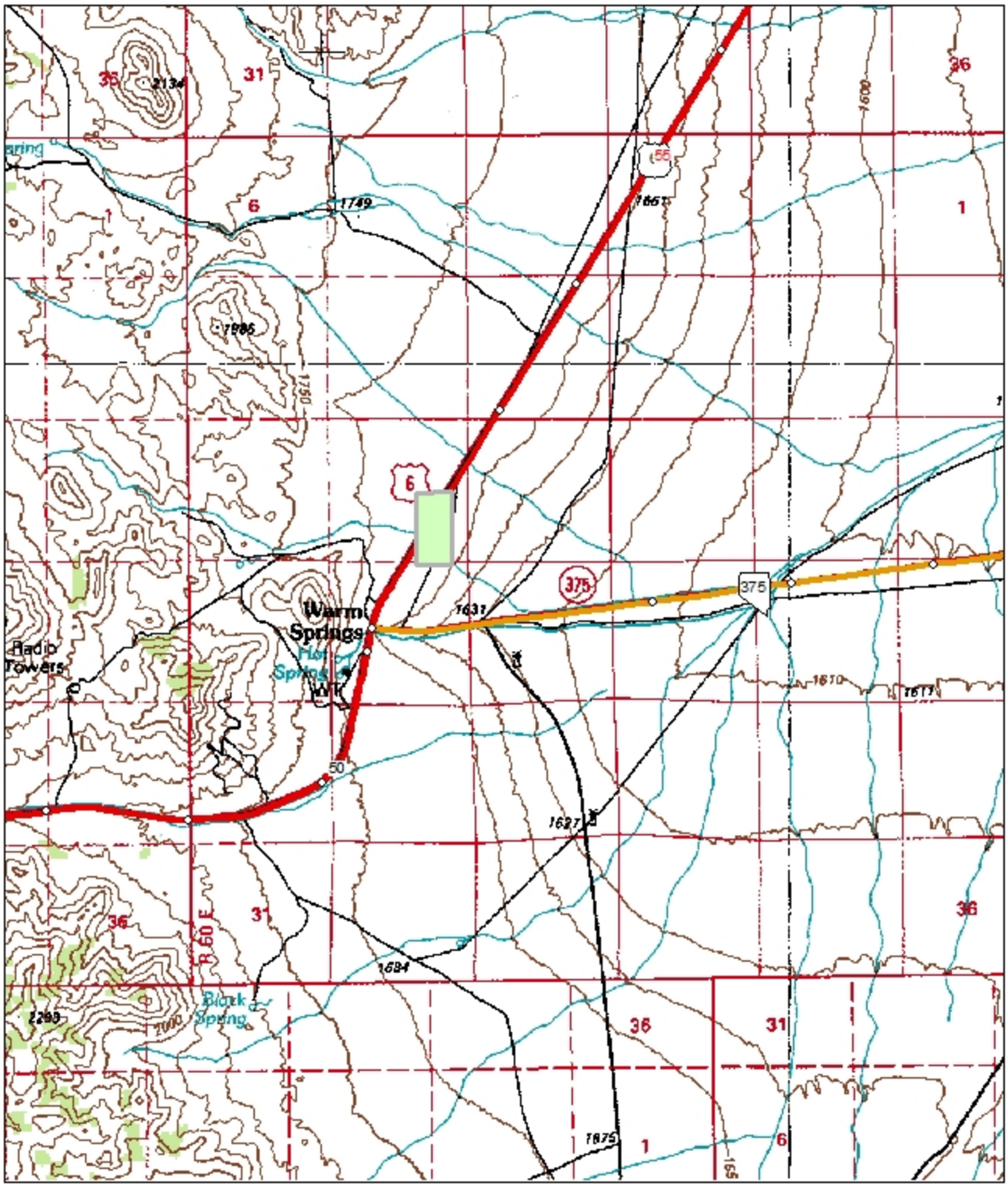



0 0.5 1 2 3 4 Miles

N W E S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # NY 03-04
# Site Location Map
# US-6 NY 52.0

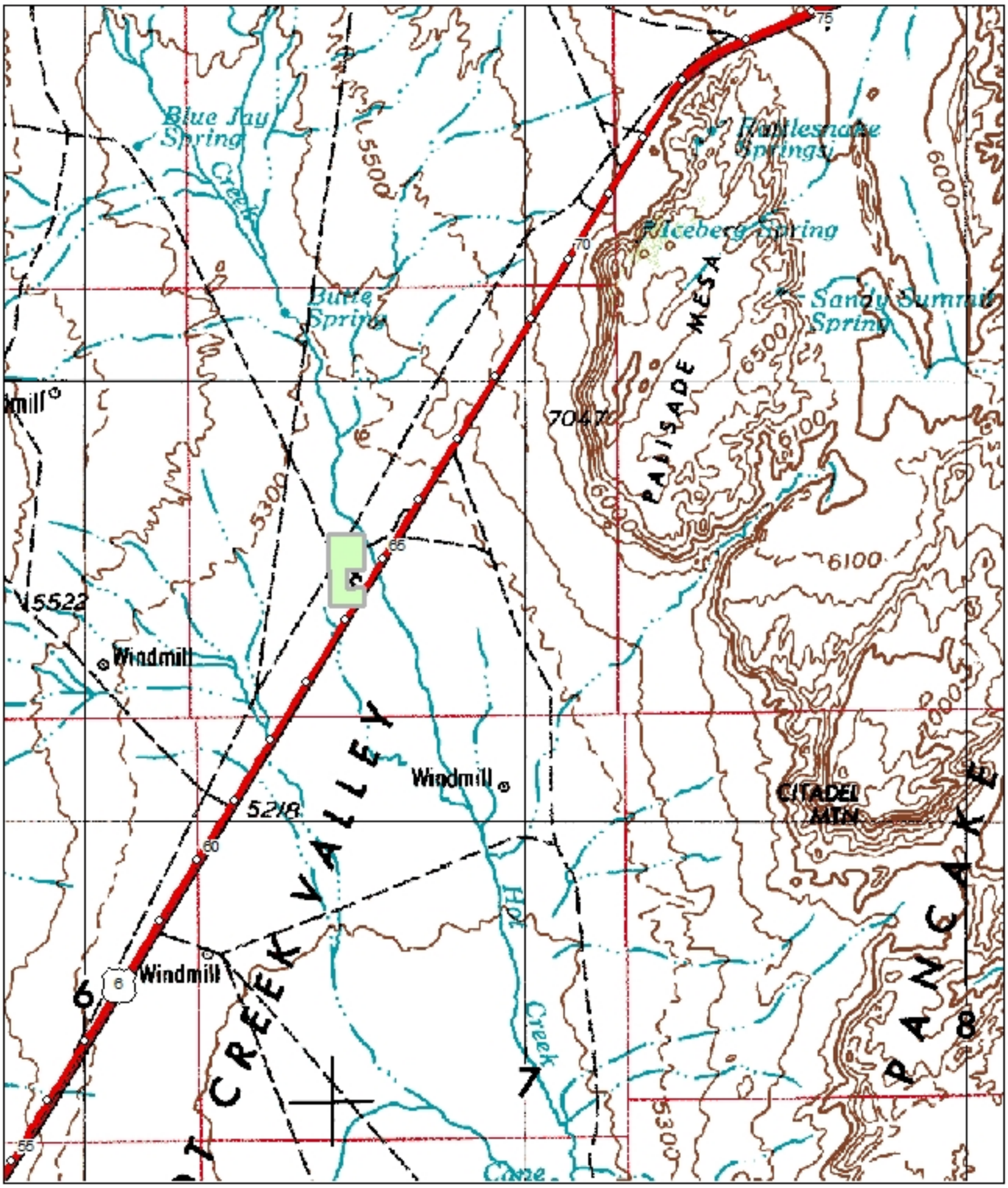



0 0.425 0.85 1.7 2.55 3.4 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # NY 03-05
# Site Location Map
# US-6 NY 64.4

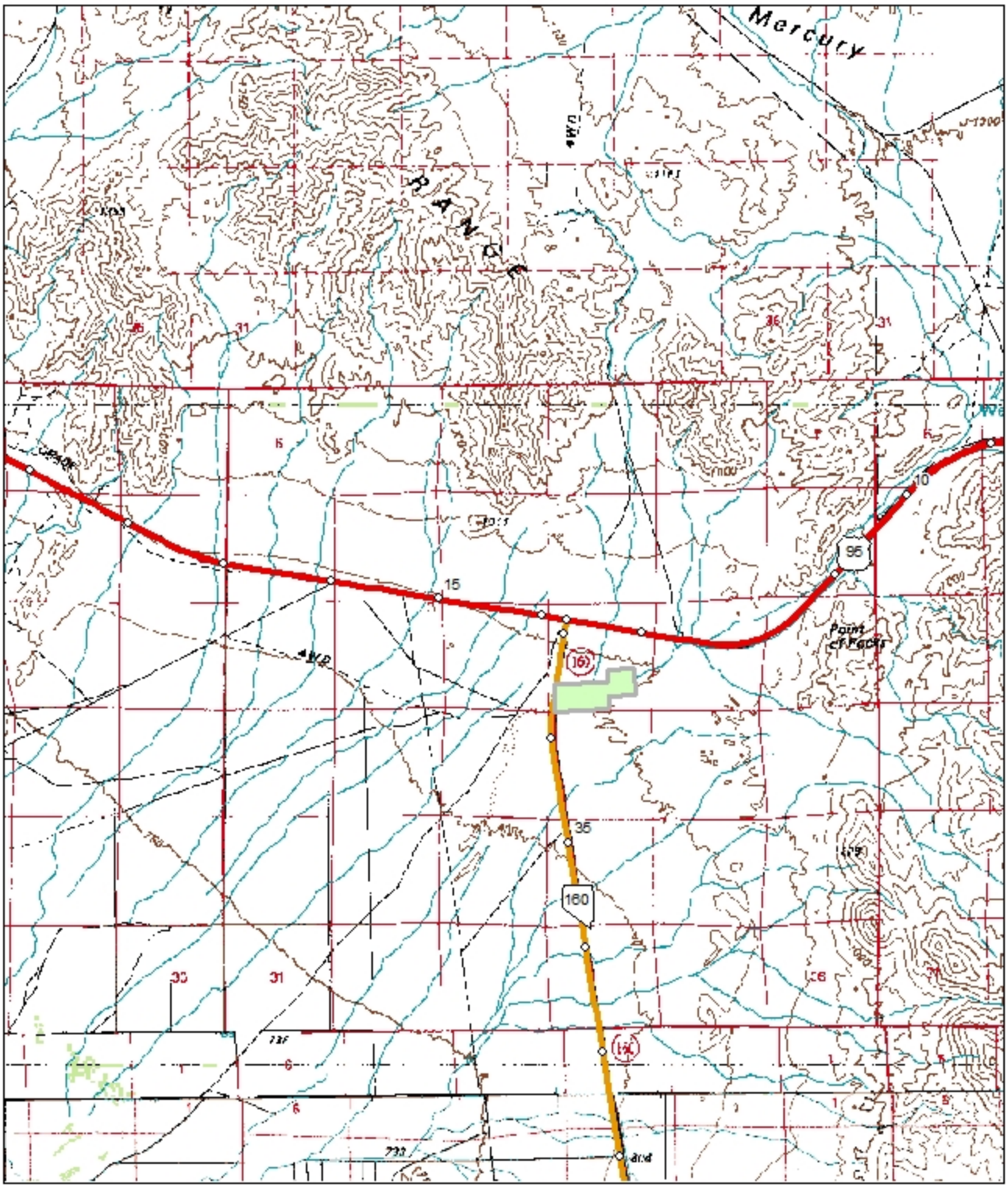



0 0.75 1.5 3 4.5 6 Miles

N W E S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # NY 07-04
# Site Location Map
# SR-160 NY 36.3

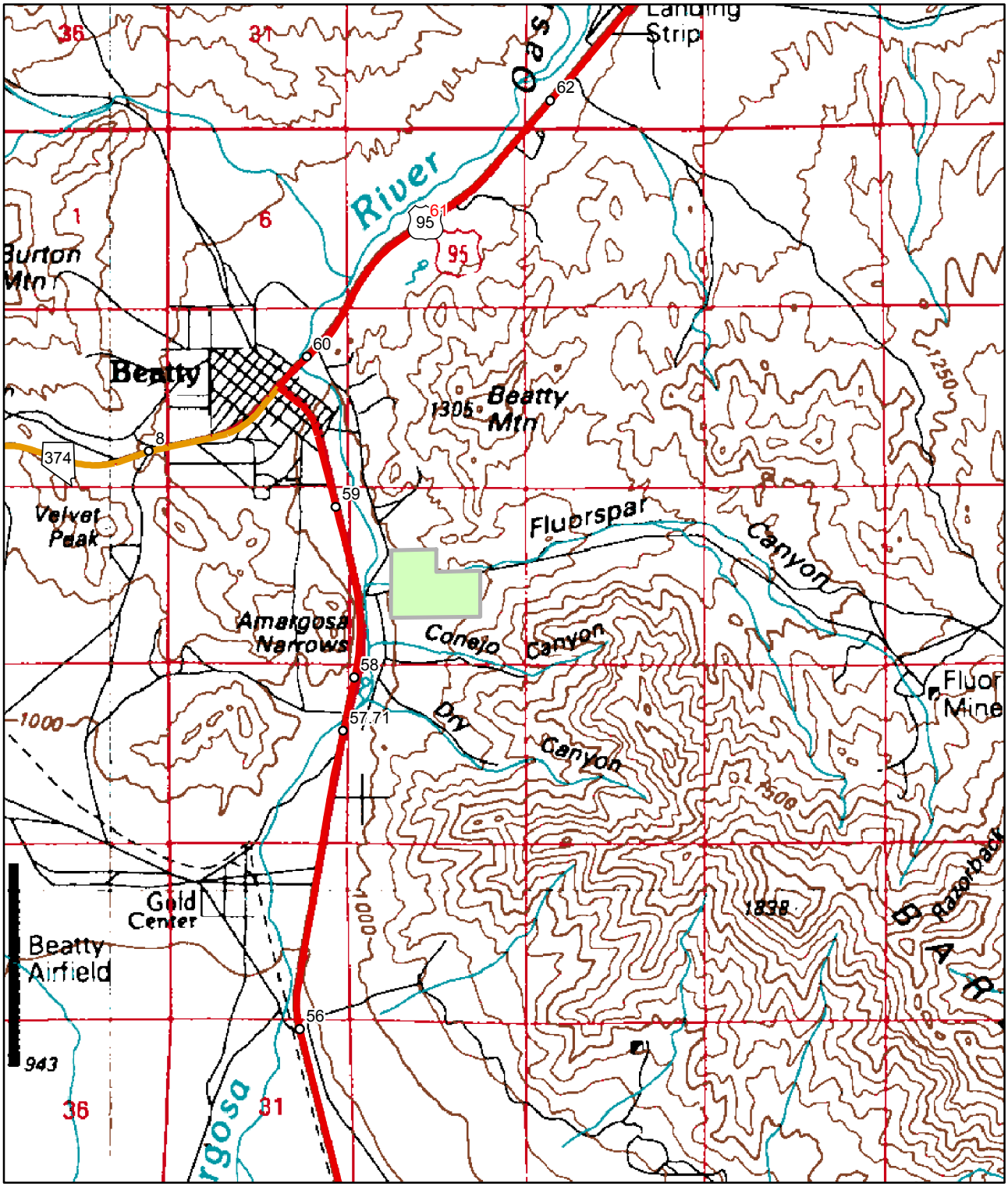



0 0.5 1 2 3 4 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # NY 08-06
# Site Location Map
# US-95 NY 58.4

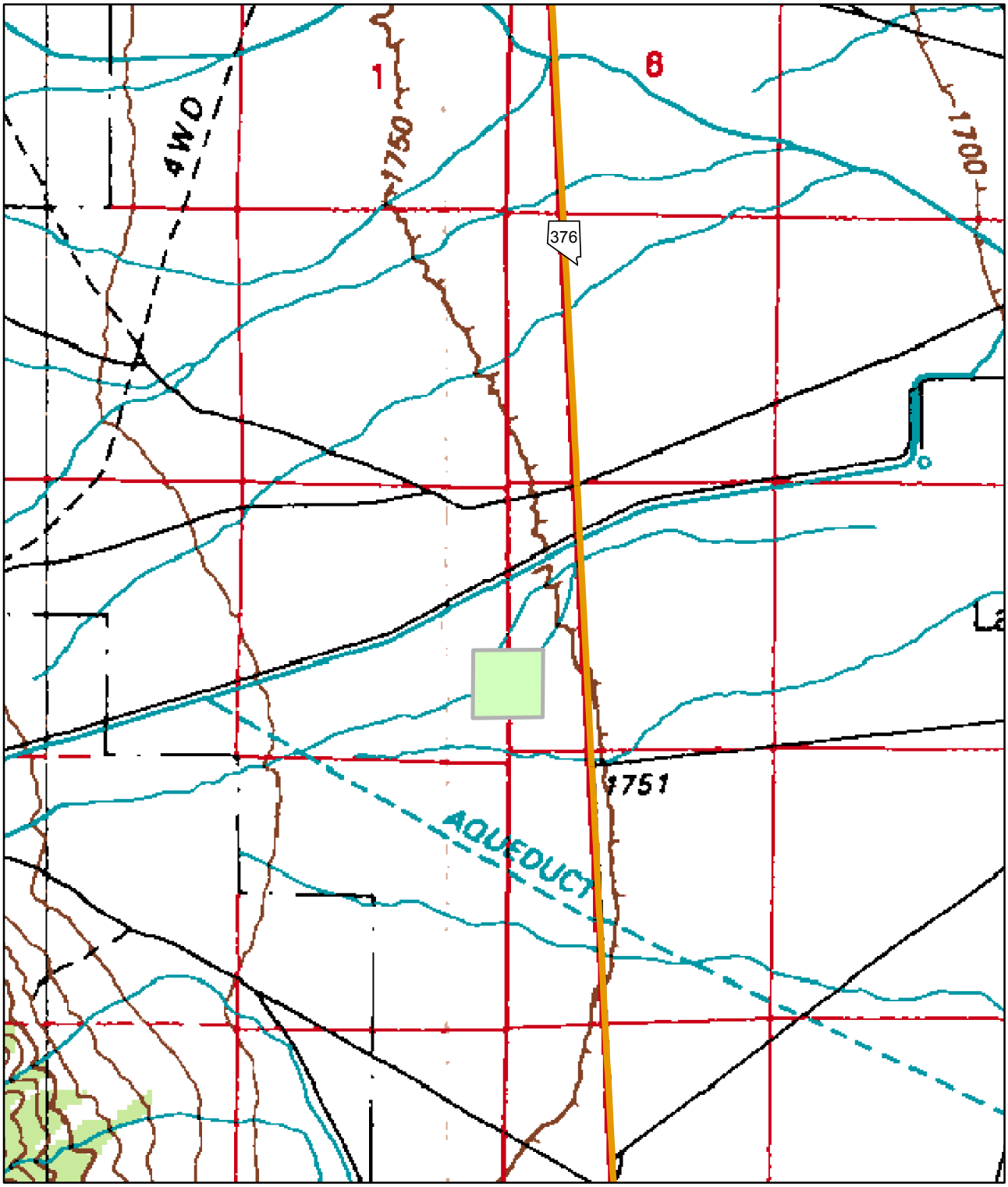



0 0.35 0.7 1.4 2.1 2.8 Miles

N W E S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # NY 13-03
# Site Location Map
# SR-376 NY 61.5

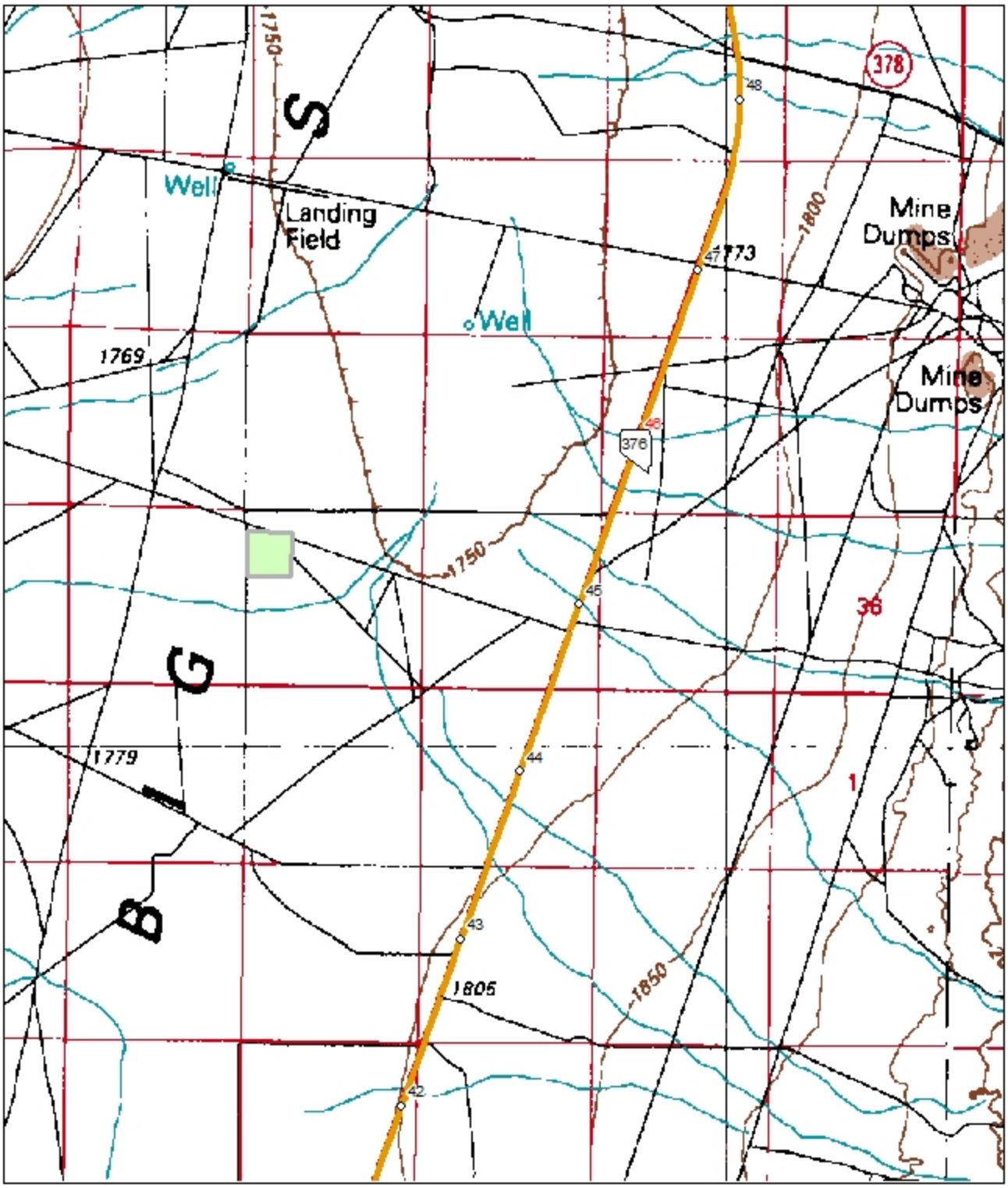



0 0.225 0.45 0.9 1.35 1.8 Miles

N
W E
S

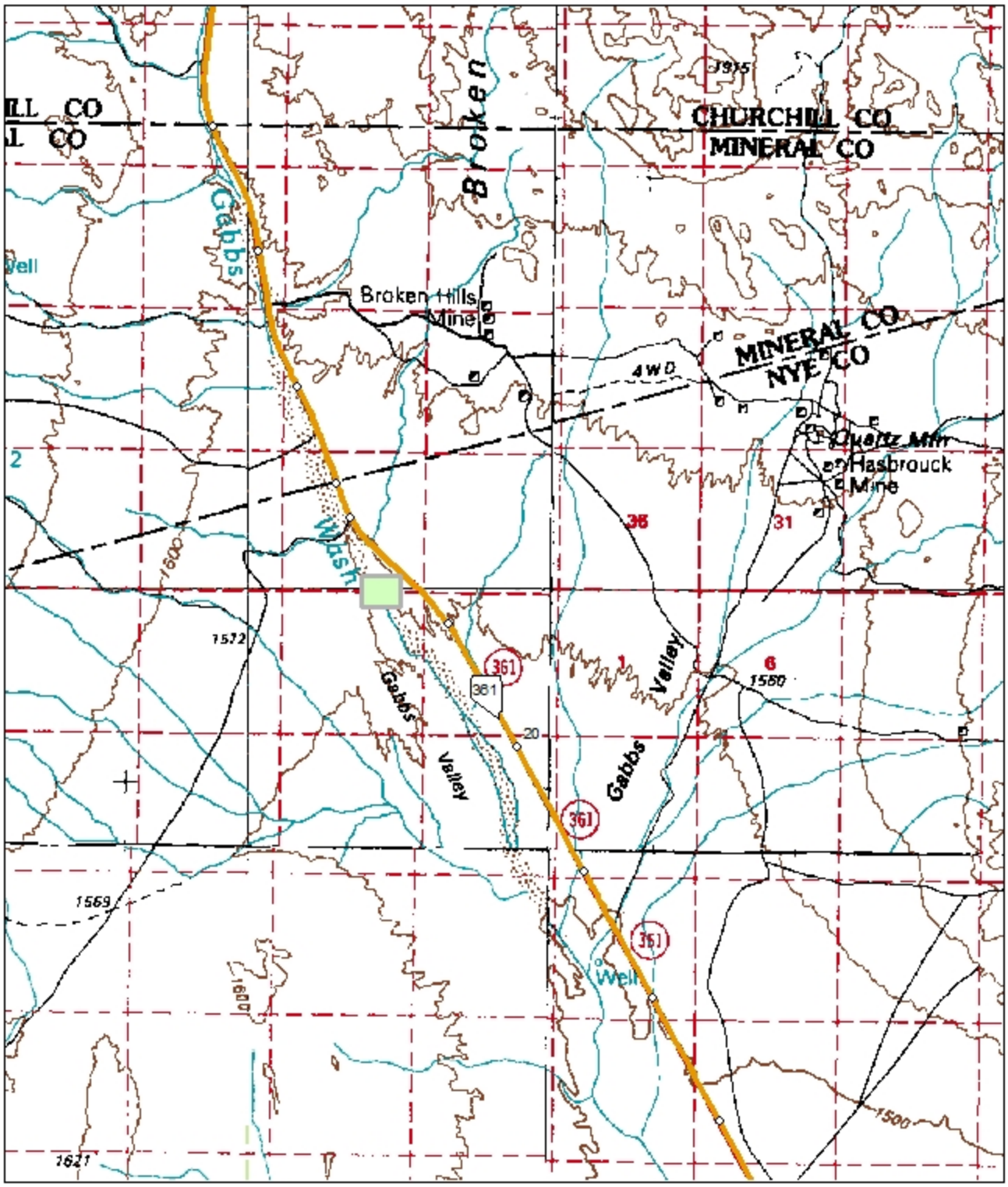
The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # NY 13-05
# Site Location Map
# SR-376 NY 44.9



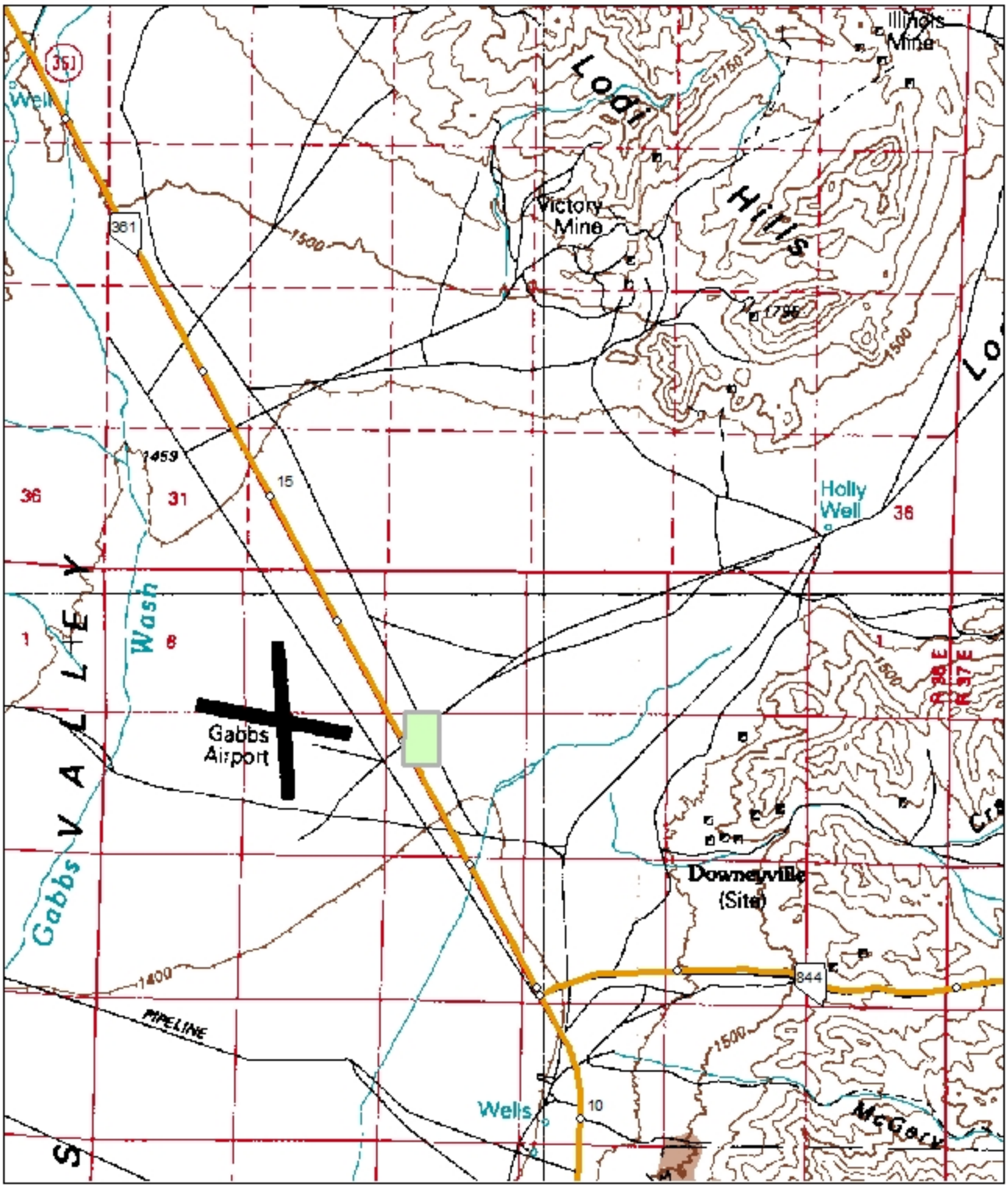

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # NY 32-02
# Site Location Map
# SR-361 NY 21.5




The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # NY 32-03
# Site Location Map
# SR-361 NY 12.8

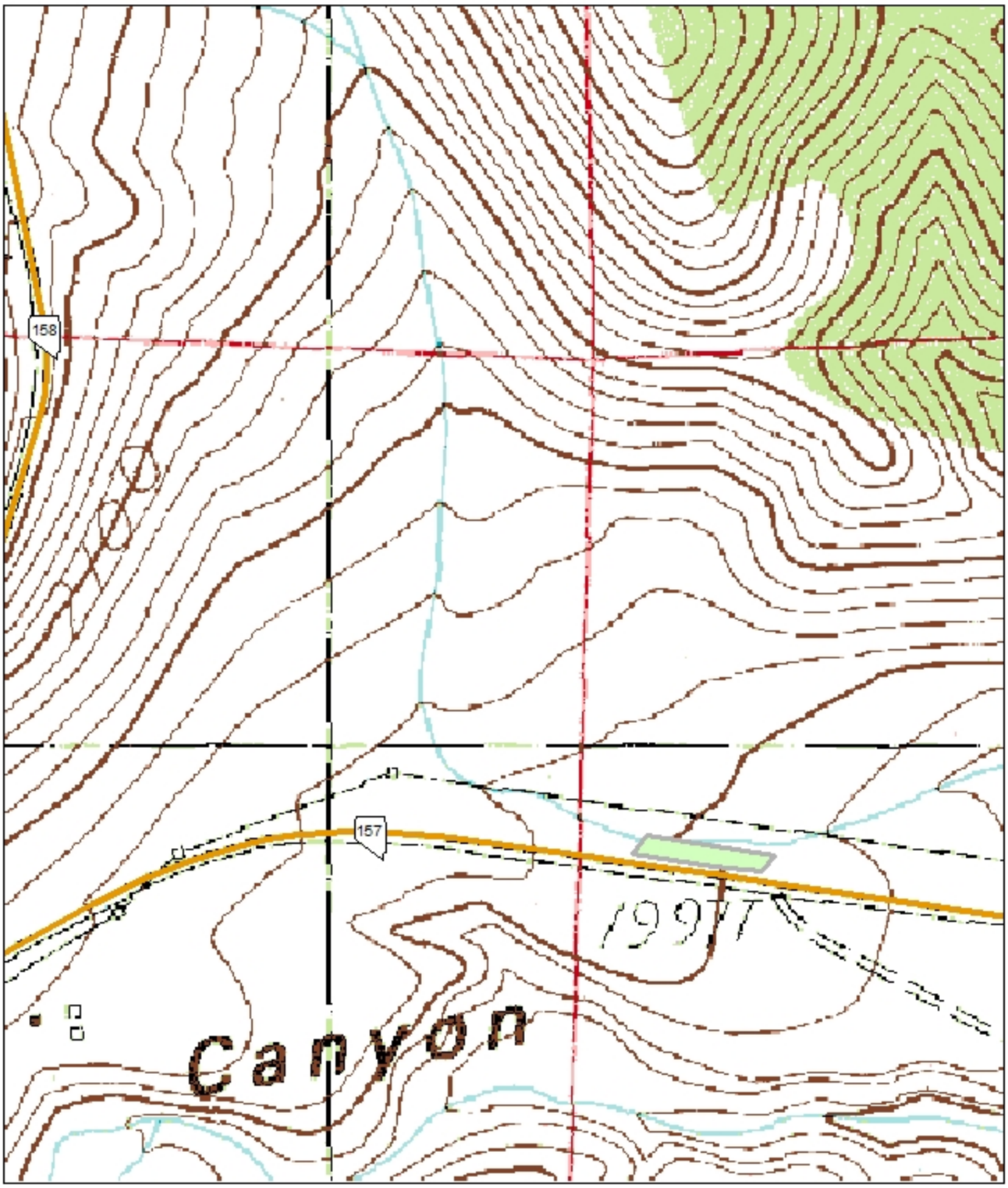



0 0.425 0.85 1.7 2.55 3.4 Miles

N W E S

The "green" shaded area represents the Pit Site Facility's property layout.

# Material Storage Site
# Location Map
# "Charleston Peak"
# SR-157 CL 4.9

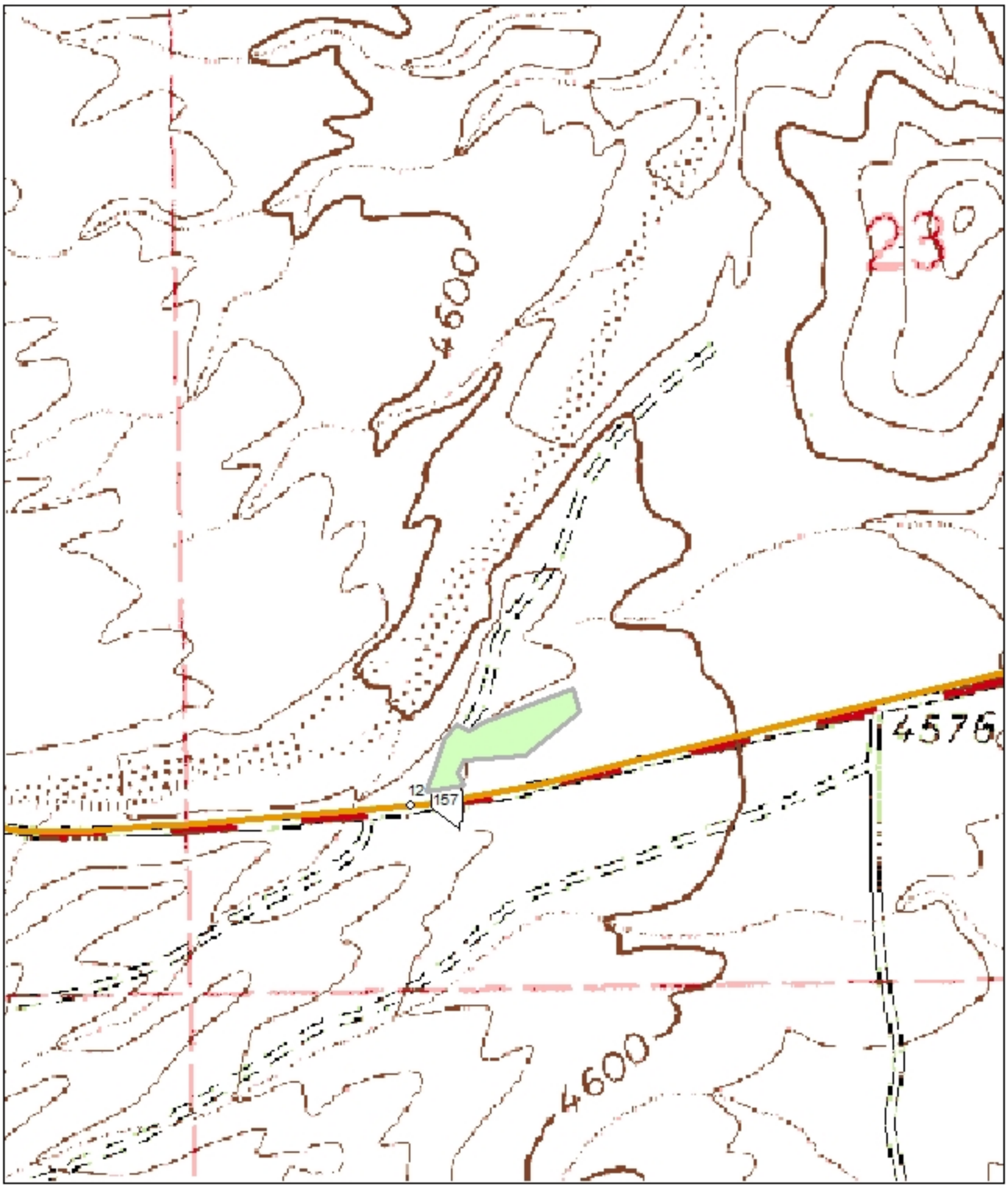



0 0.04250.085 0.17 0.255 0.34
Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# SR-157 CL 12.0

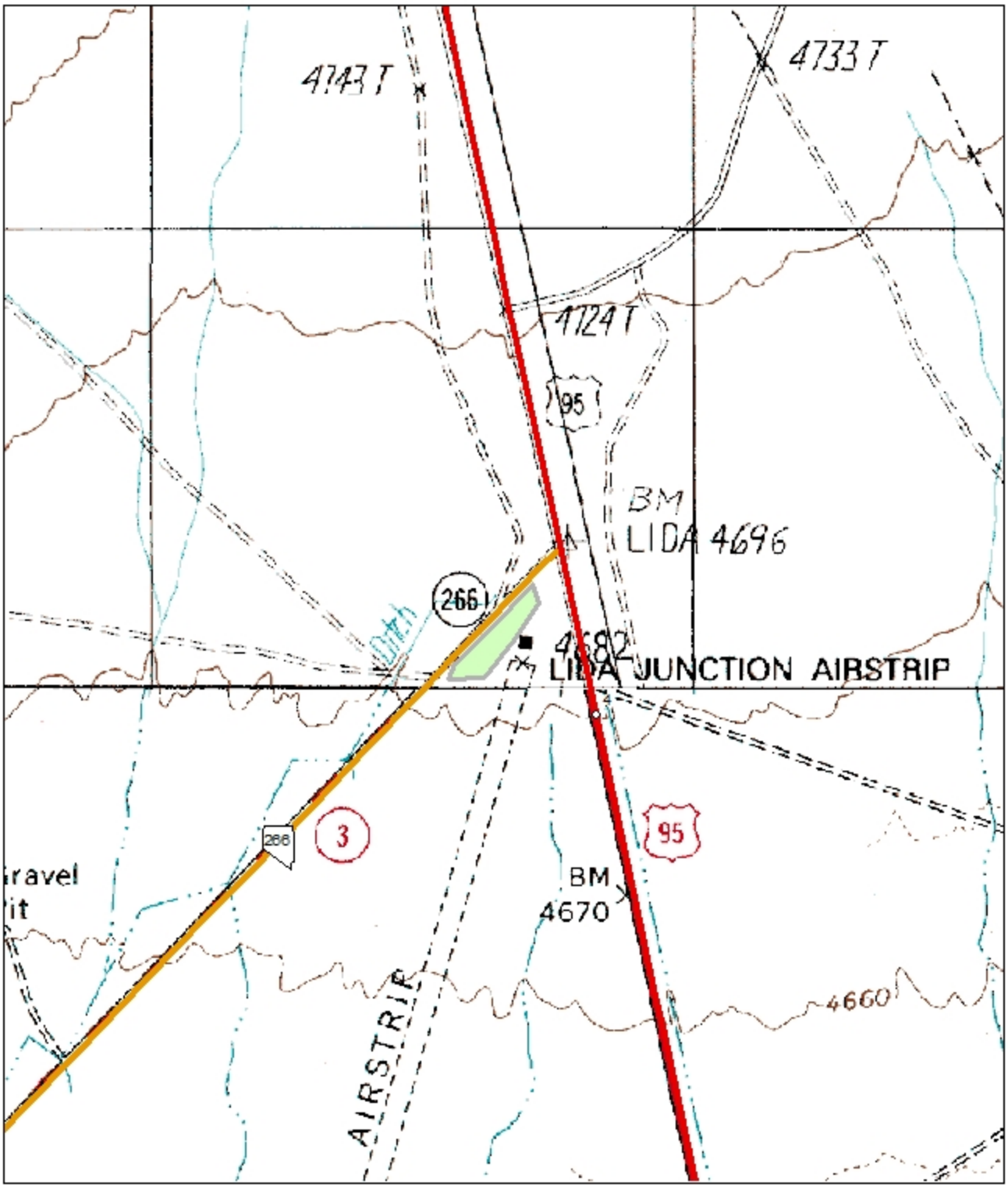



0 0.04250.085 0.17 0.255 0.34 Miles

N
W E
S

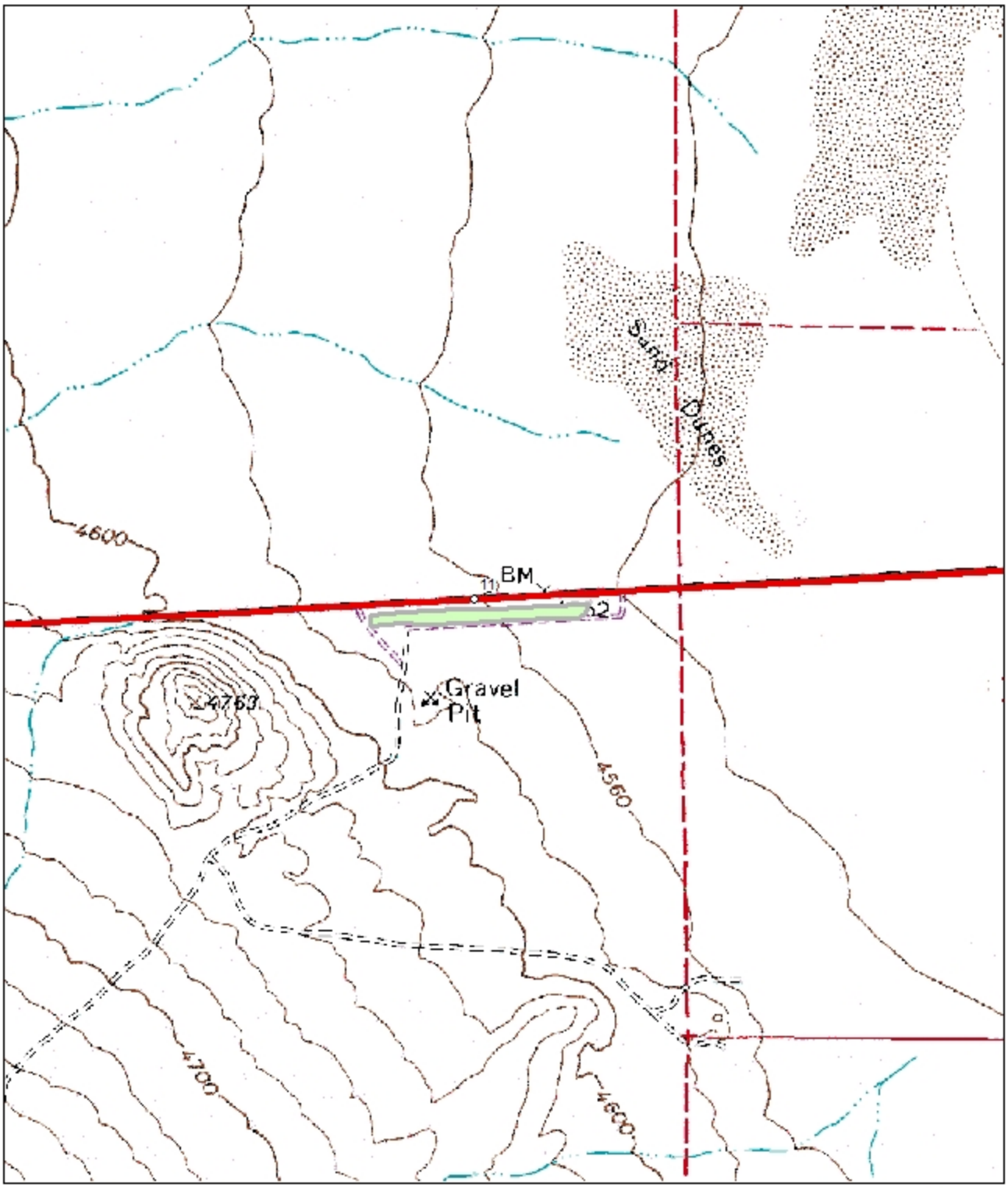
The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# Lida Junction
# SR-226 ES 40.0




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# US-6 ES 11.0

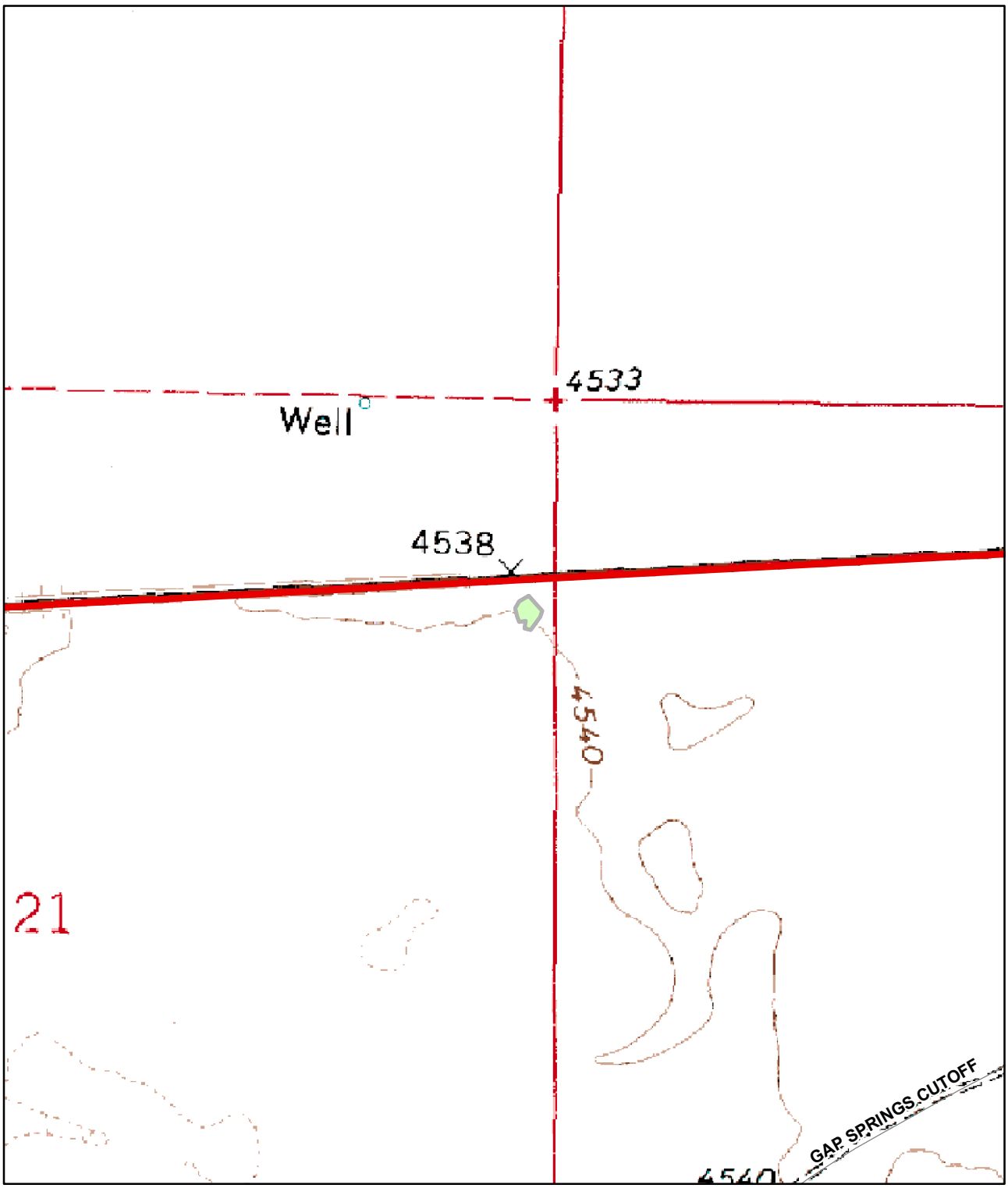



0 0.0750.15 0.3 0.45 0.6 Miles

N W E S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# US-6 ES 14.2

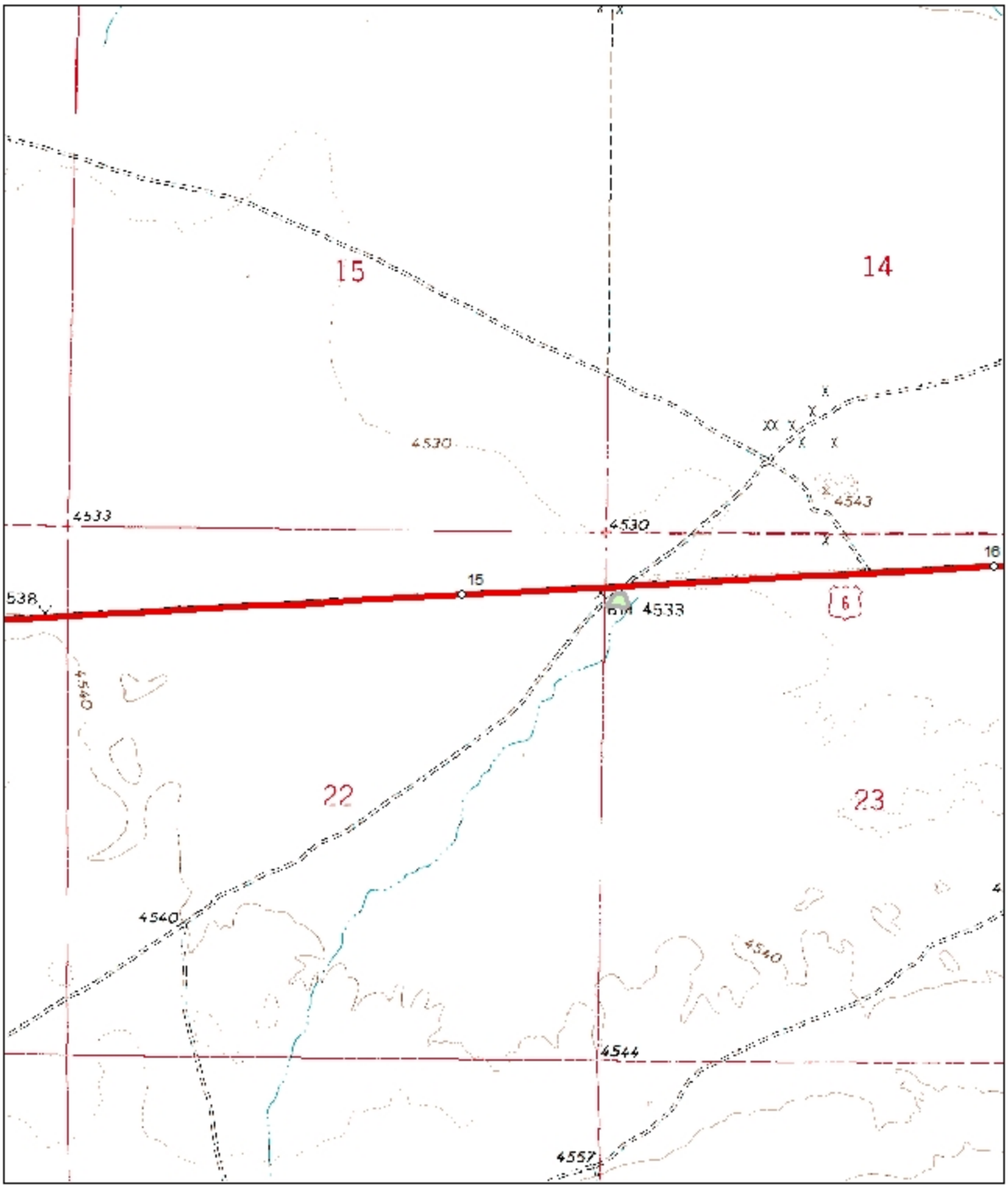



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# US-6 ES 15.2

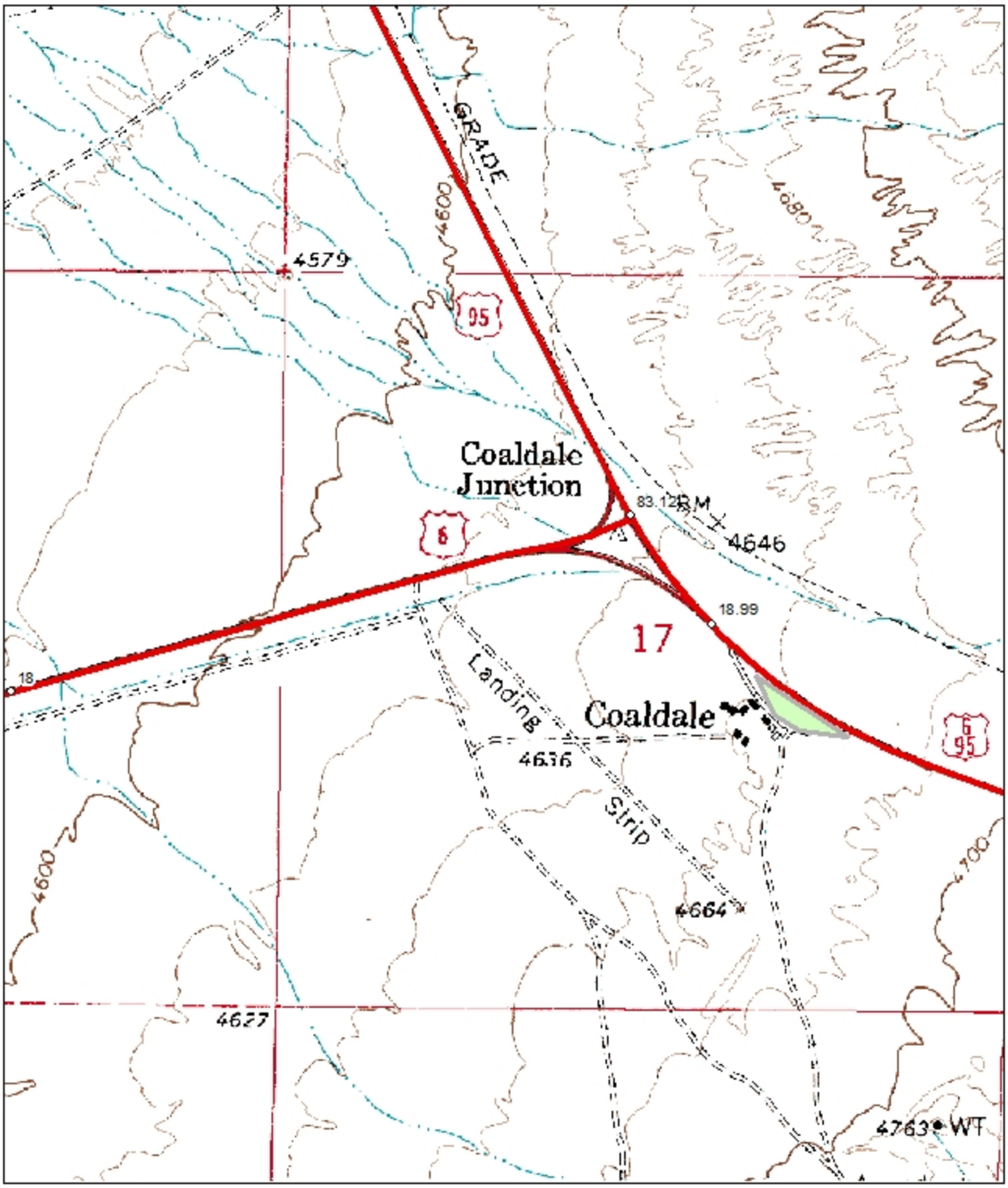



0 0.1 0.2 0.4 0.6 0.8 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# Coaldale Junction
# US-6 ES 19.0

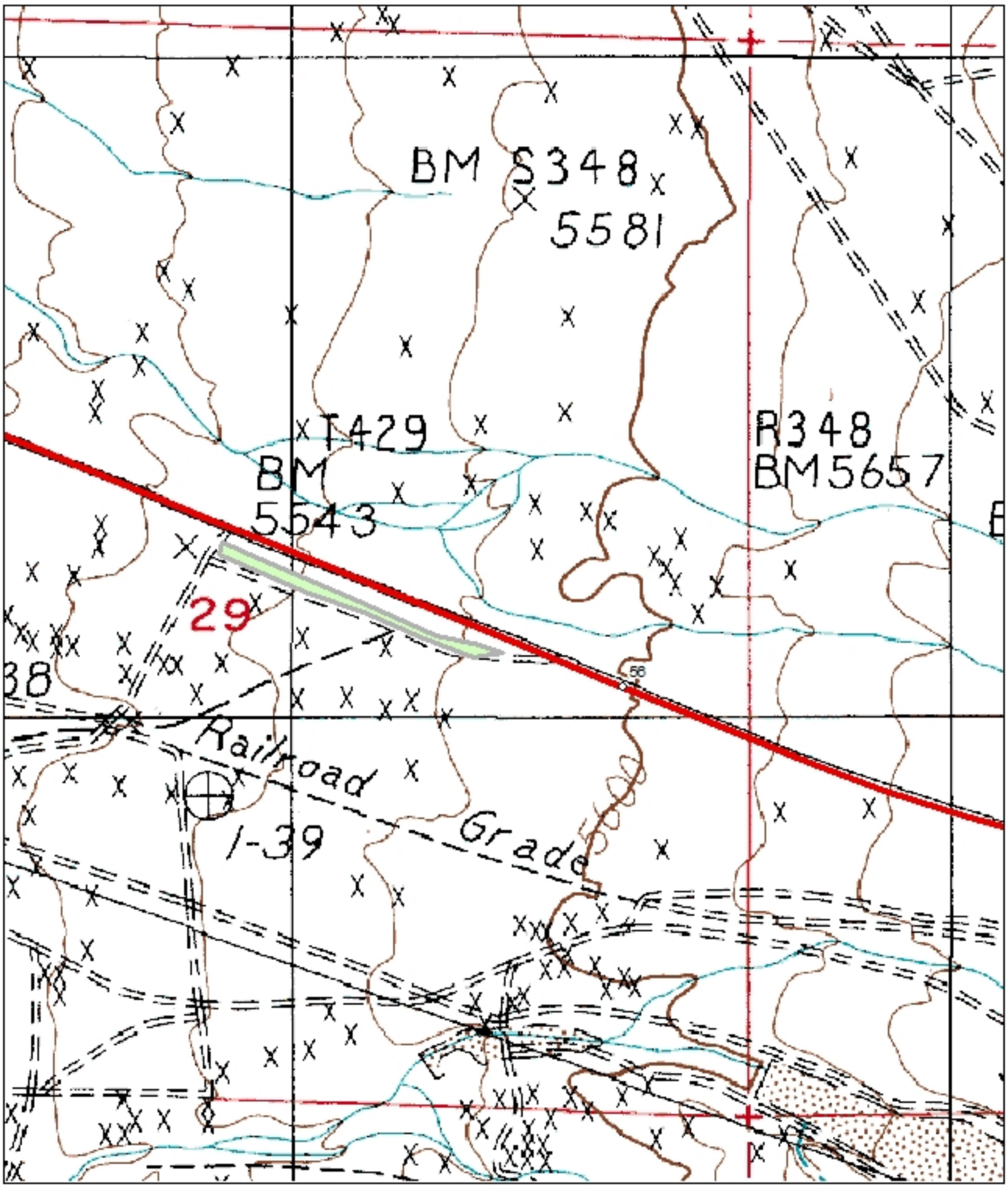



0 0.0750.15 0.3 0.45 0.6 Miles

N
W E
S

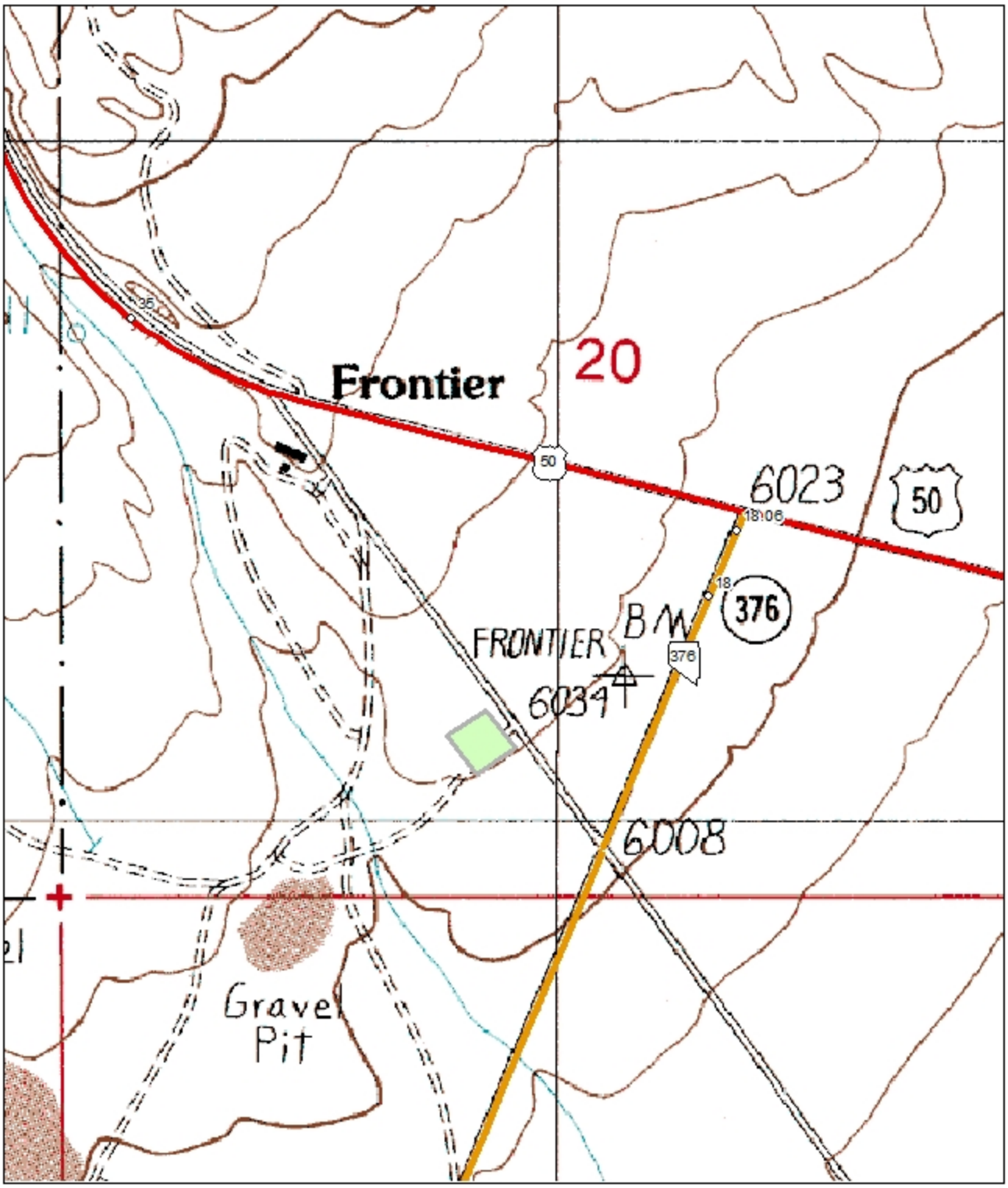
The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# US-6 ES 58.9




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Tavern"
# SR-376 LA 17.3

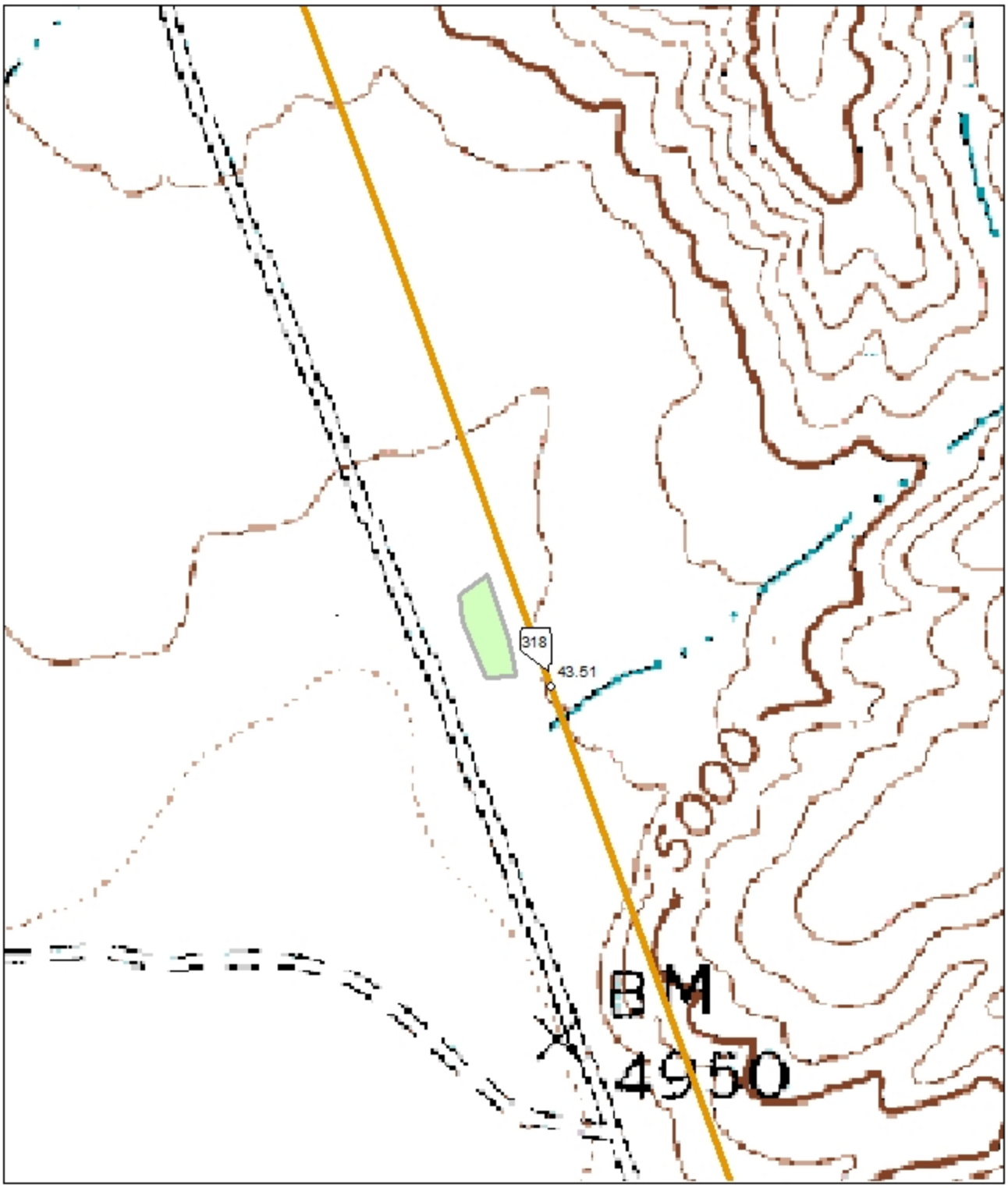



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Disrict Boundry"
# SR-318 LN 43.7

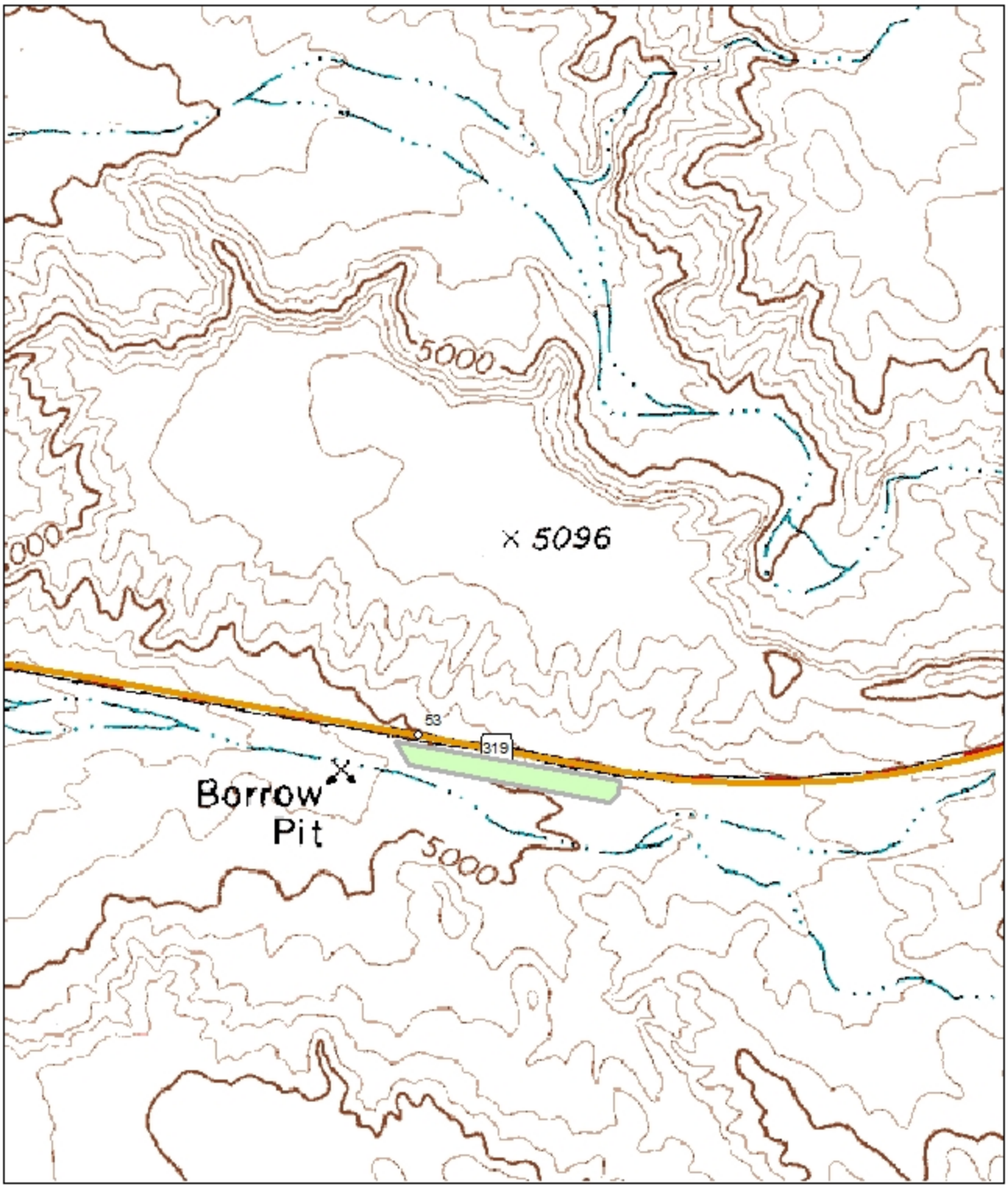



0 0.02750.055 0.11 0.165 0.22 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Panaca Mixing Strip"
# SR-319 LN 53.0

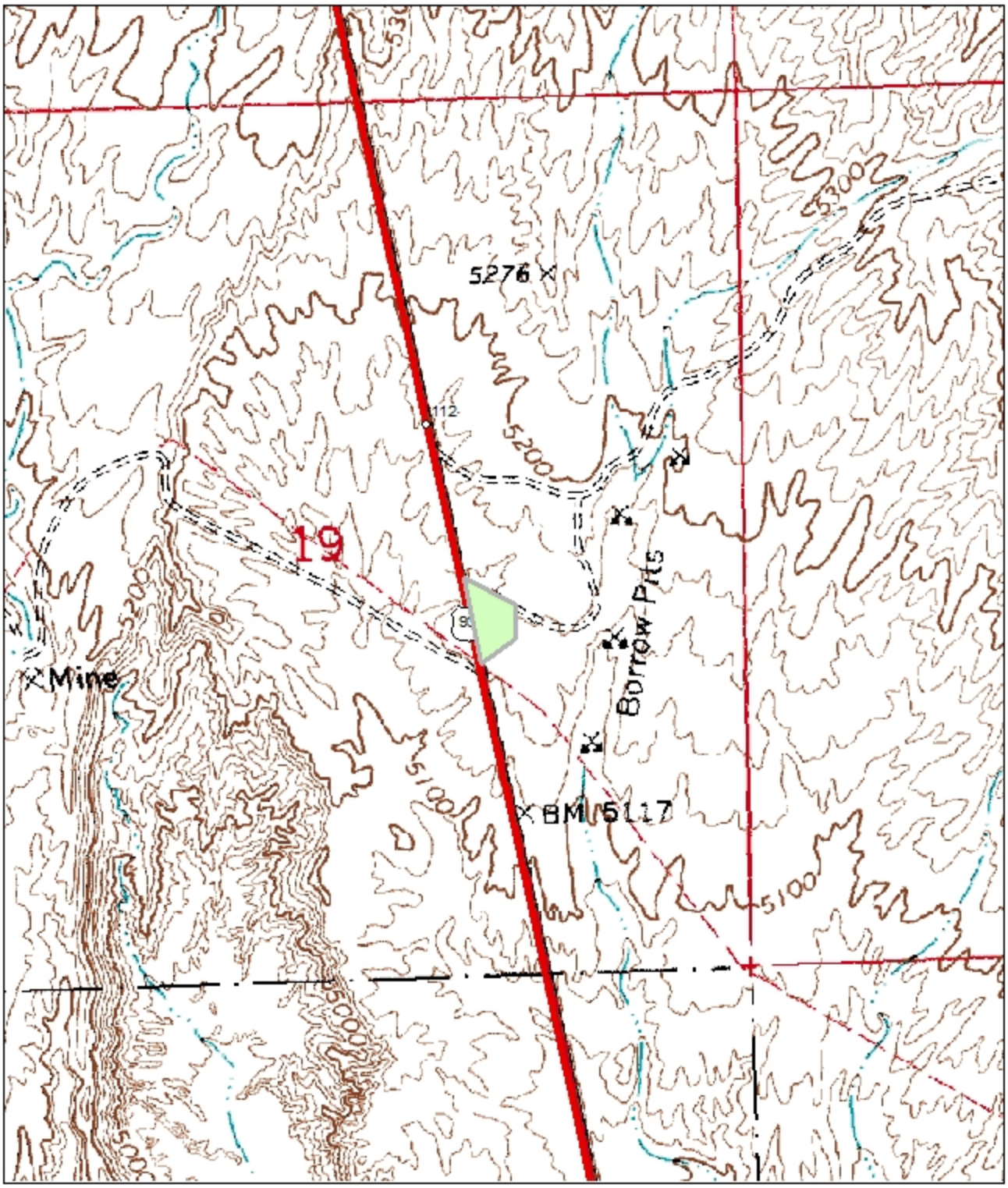



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

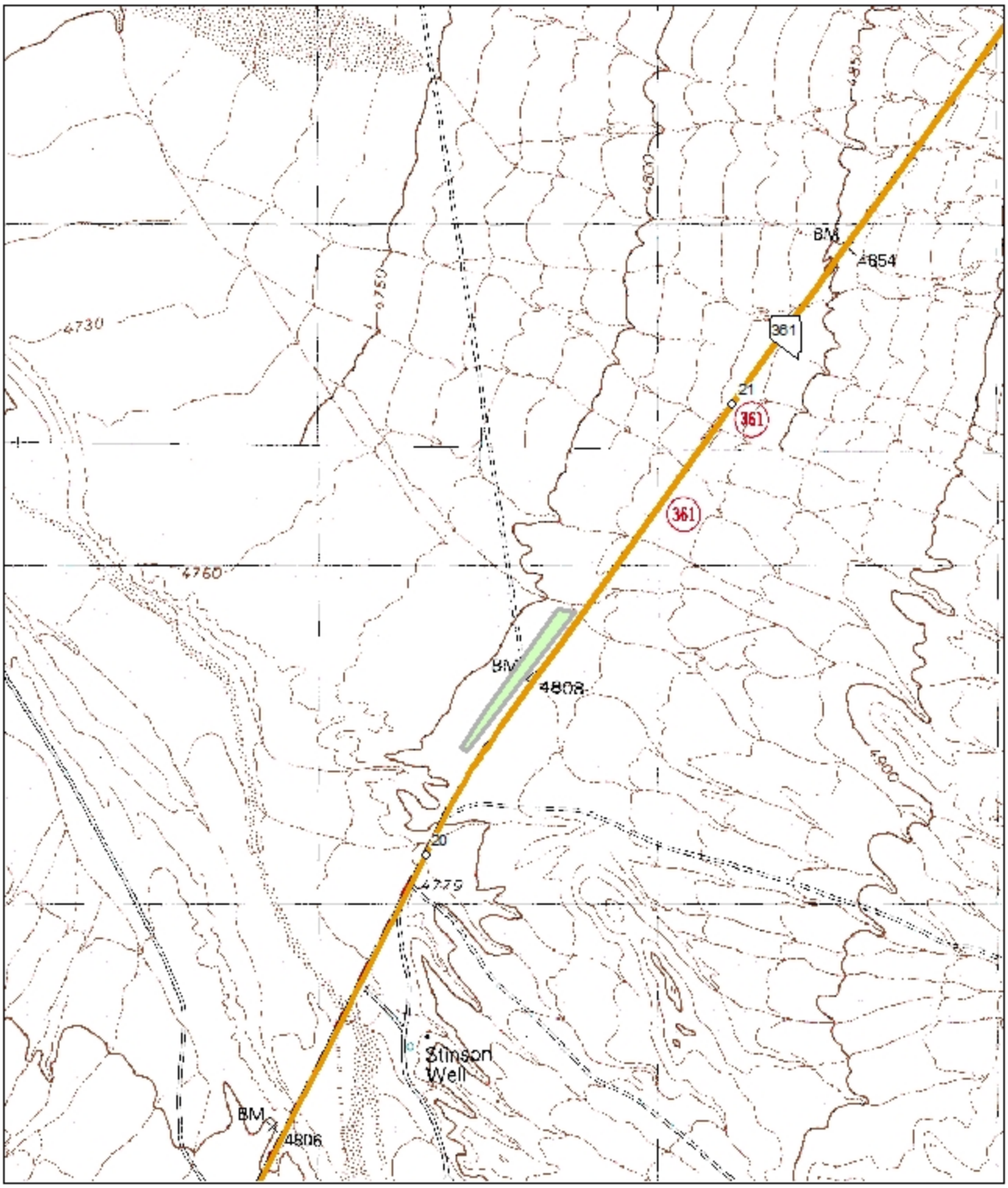
The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Cathedral Gorge"
# US-93 LN 111.7



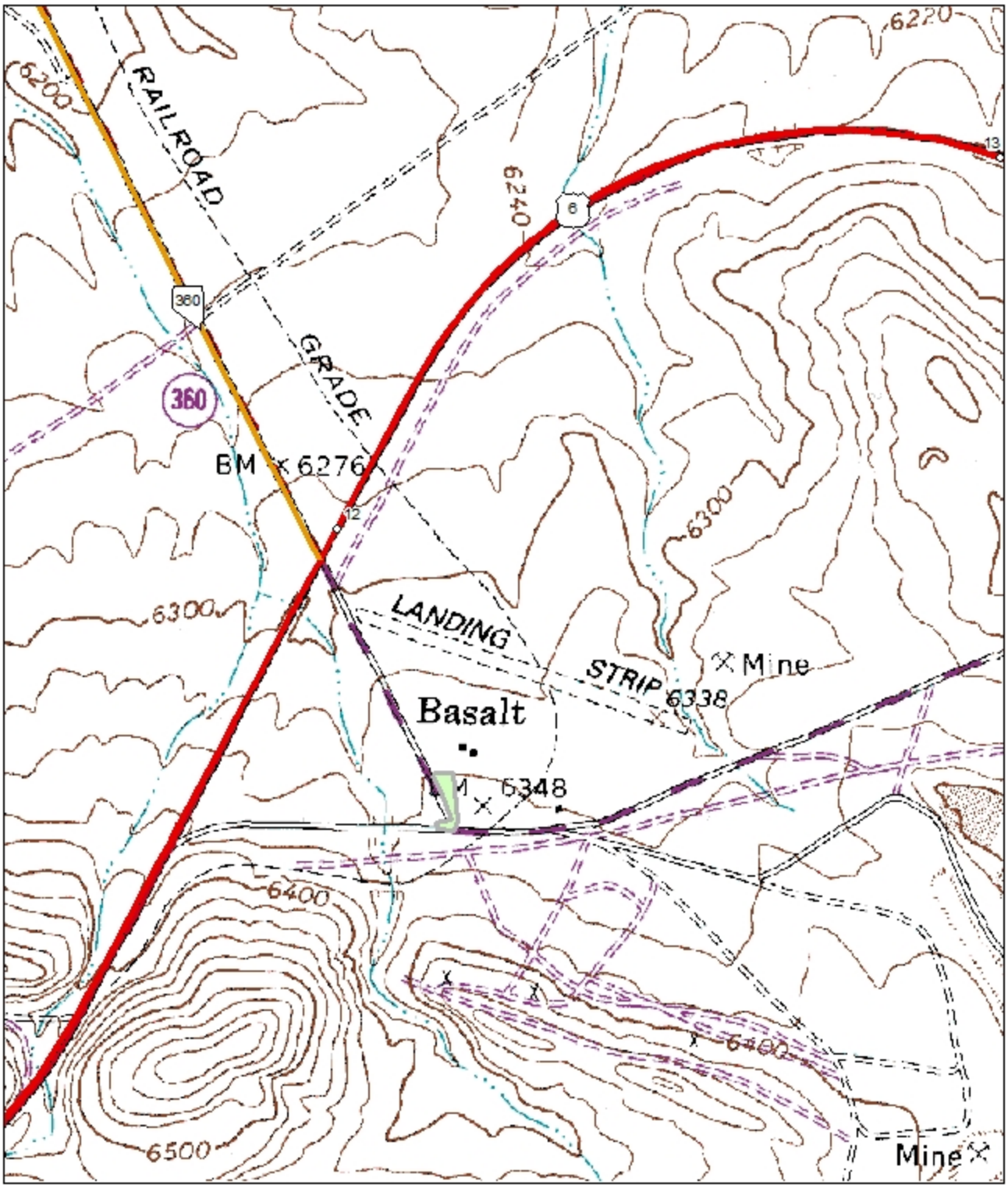

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# Finger Rock
# SR-361 MI 20.2




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# US-6 MI 12.0

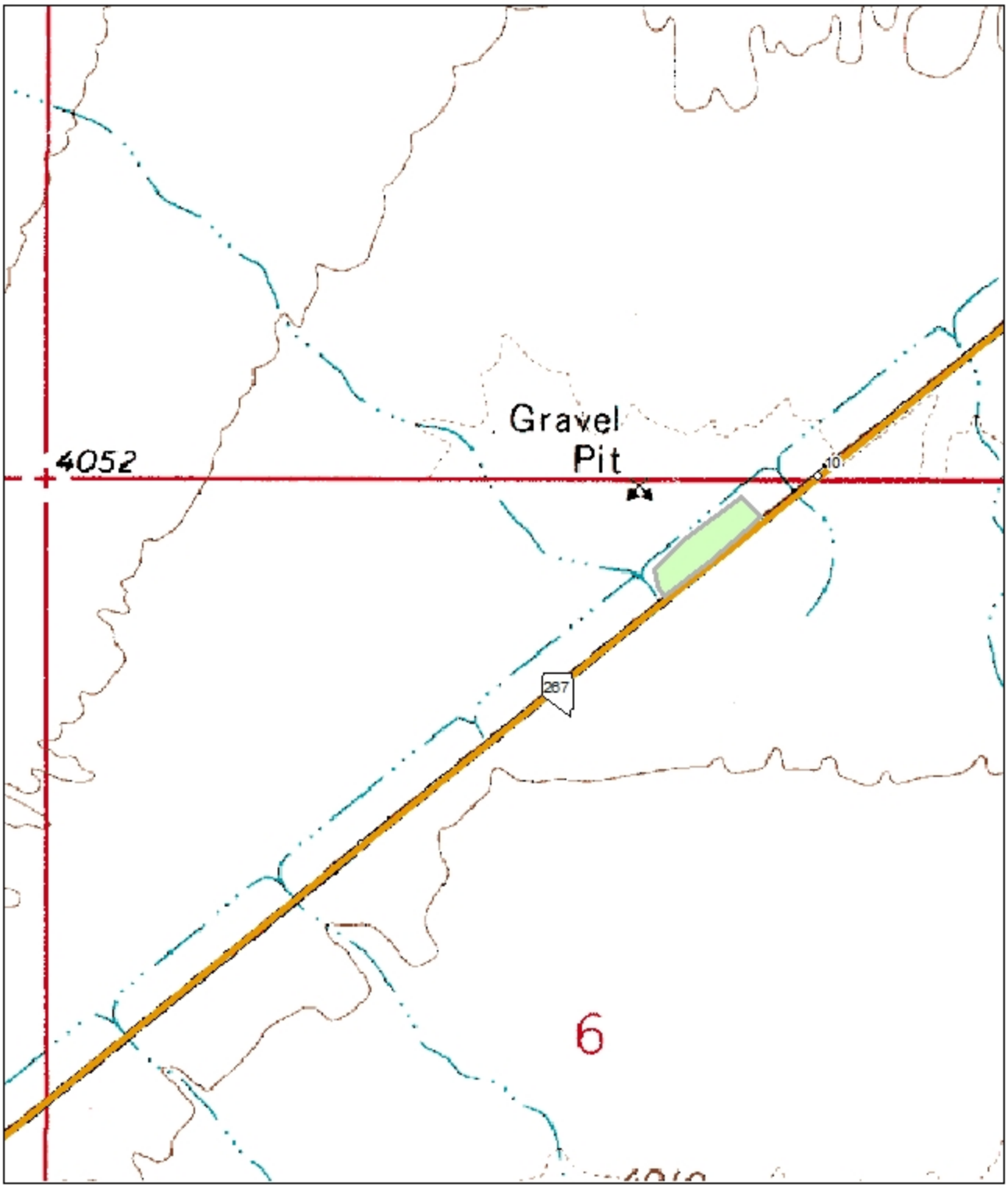



0 0.05 0.1 0.2 0.3 0.4 Miles

N W E S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# SR-267 NY 9.9

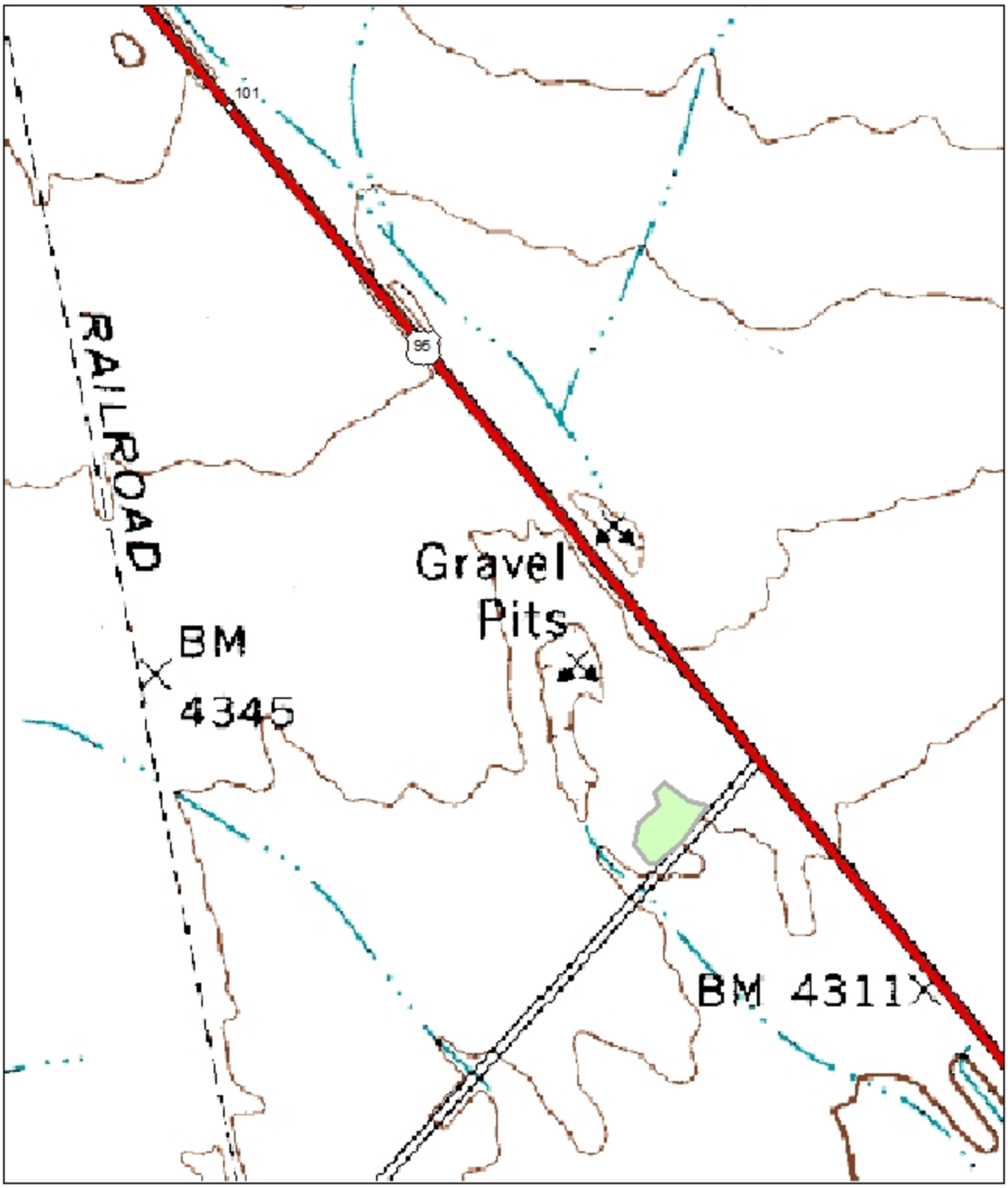



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

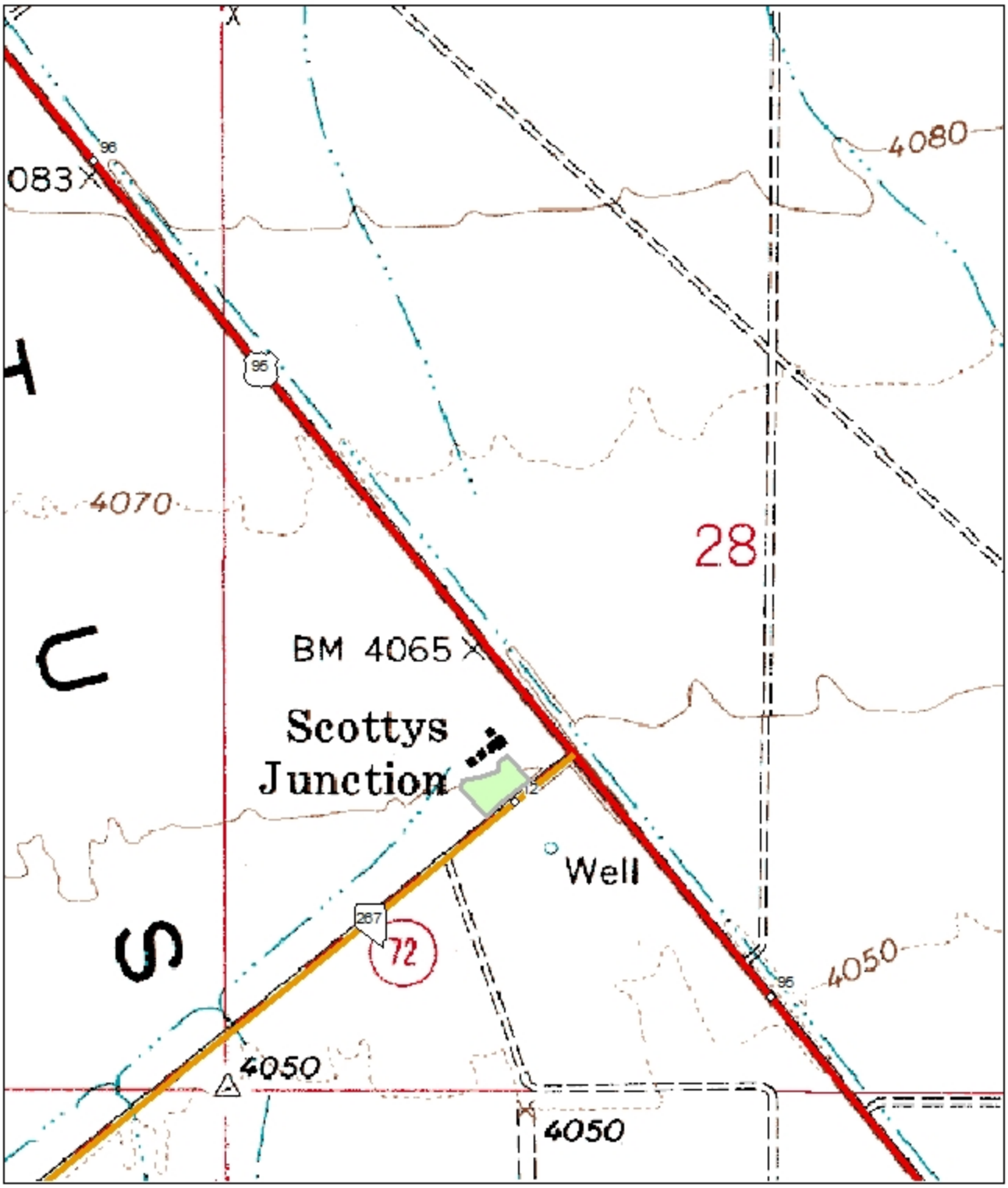
The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# US-95 NY 100.5



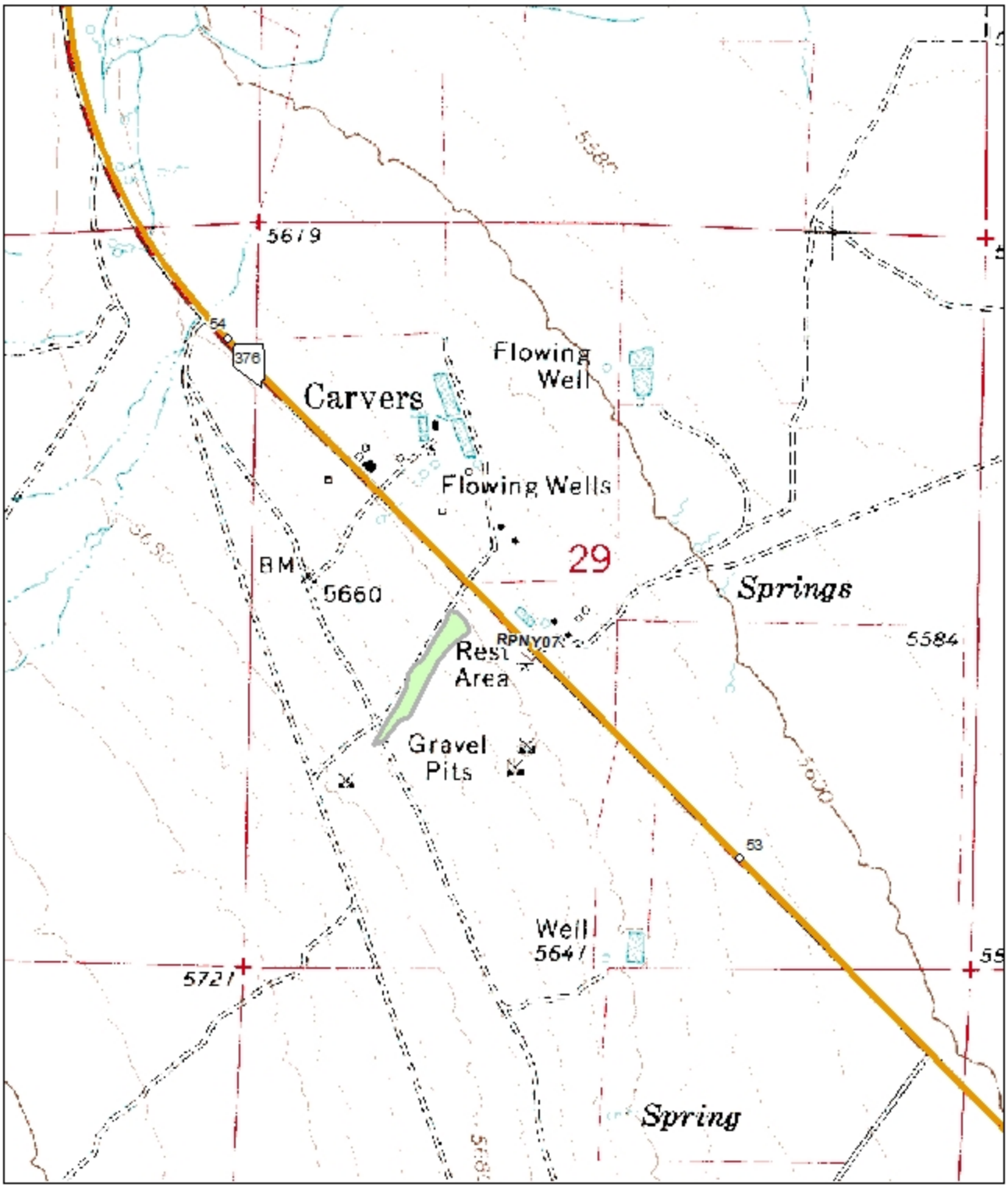

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Scotty's Junction"
# SR-267 NY 12.0




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# SR-376 NY 53.5

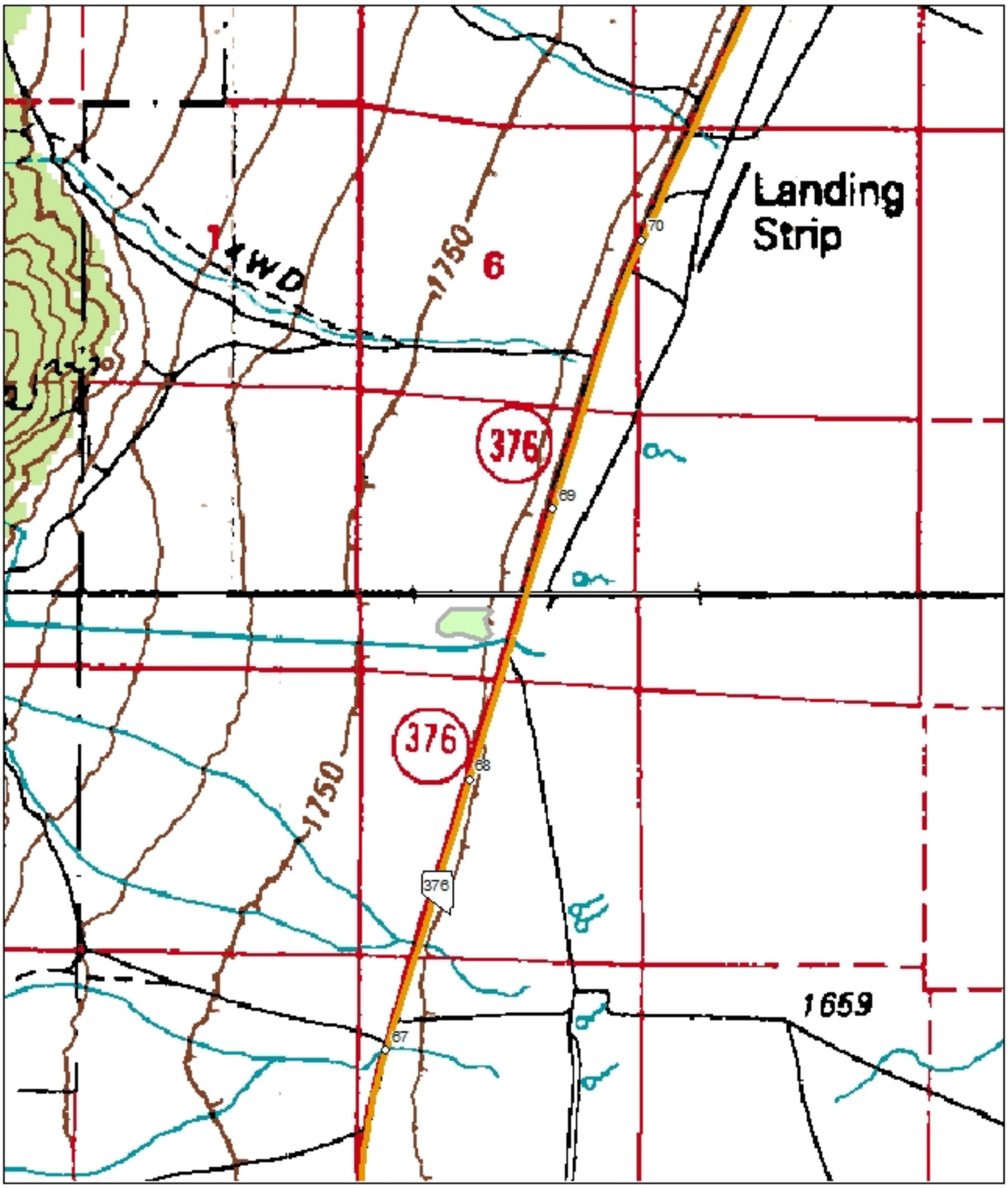



0 0.0750.15 0.3 0.45 0.6 Miles

N
W E
S

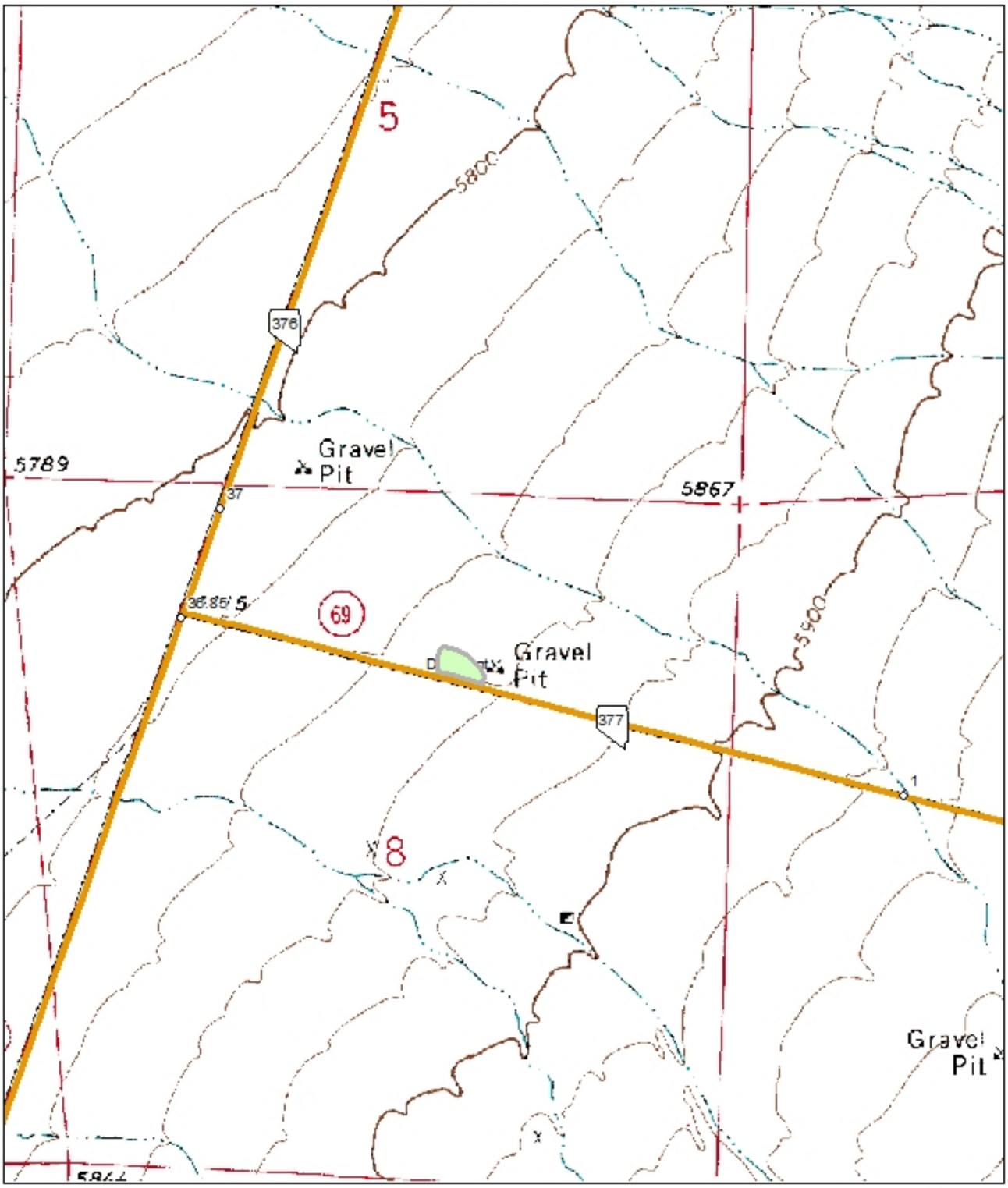
The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# SR-376 NY 68.5




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Manhattan"
# SR-377 NY 0.3

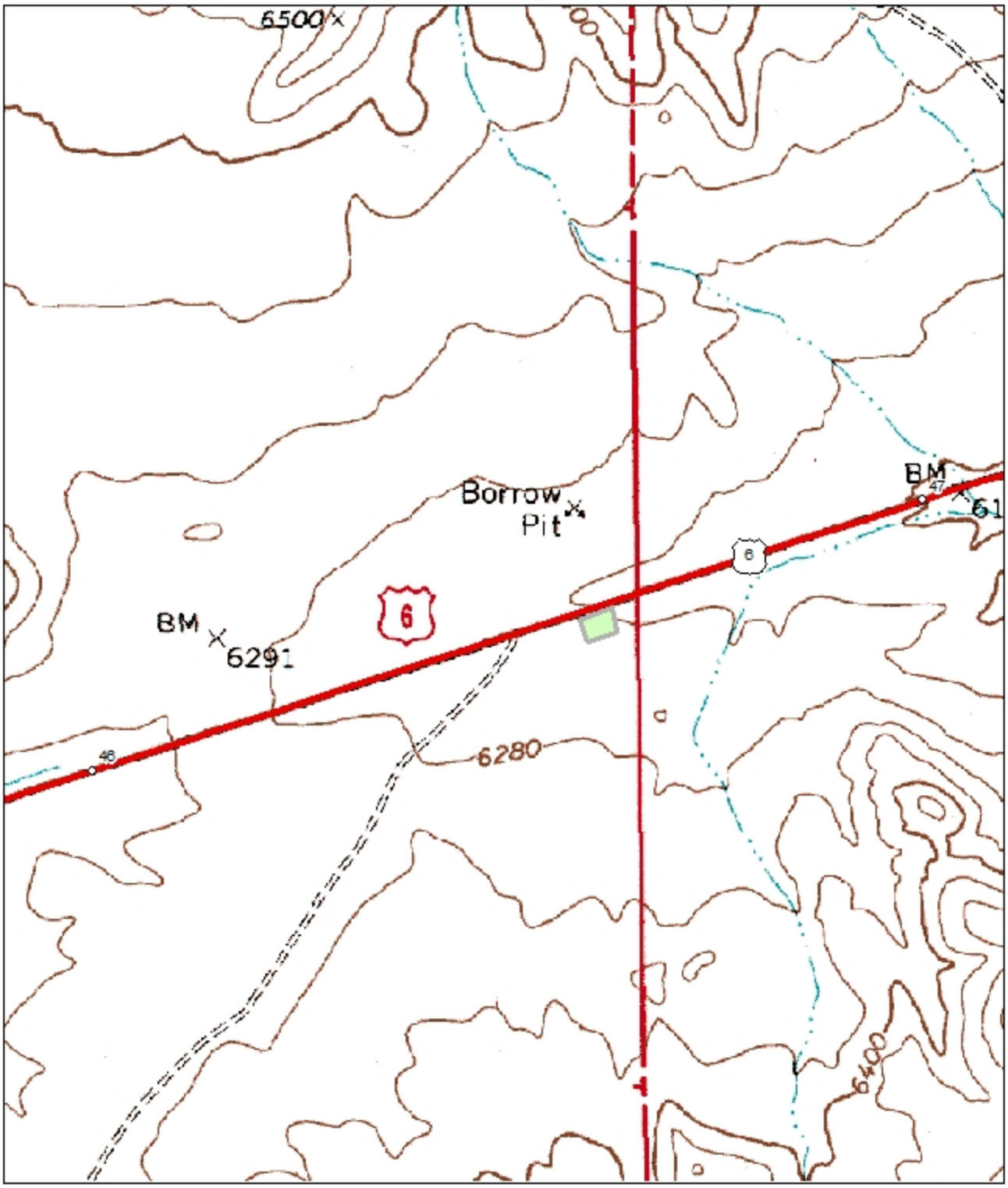



0 0.0750.15 0.3 0.45 0.6 Miles

N W E S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Warm Springs"
# US-6 NY 46.5



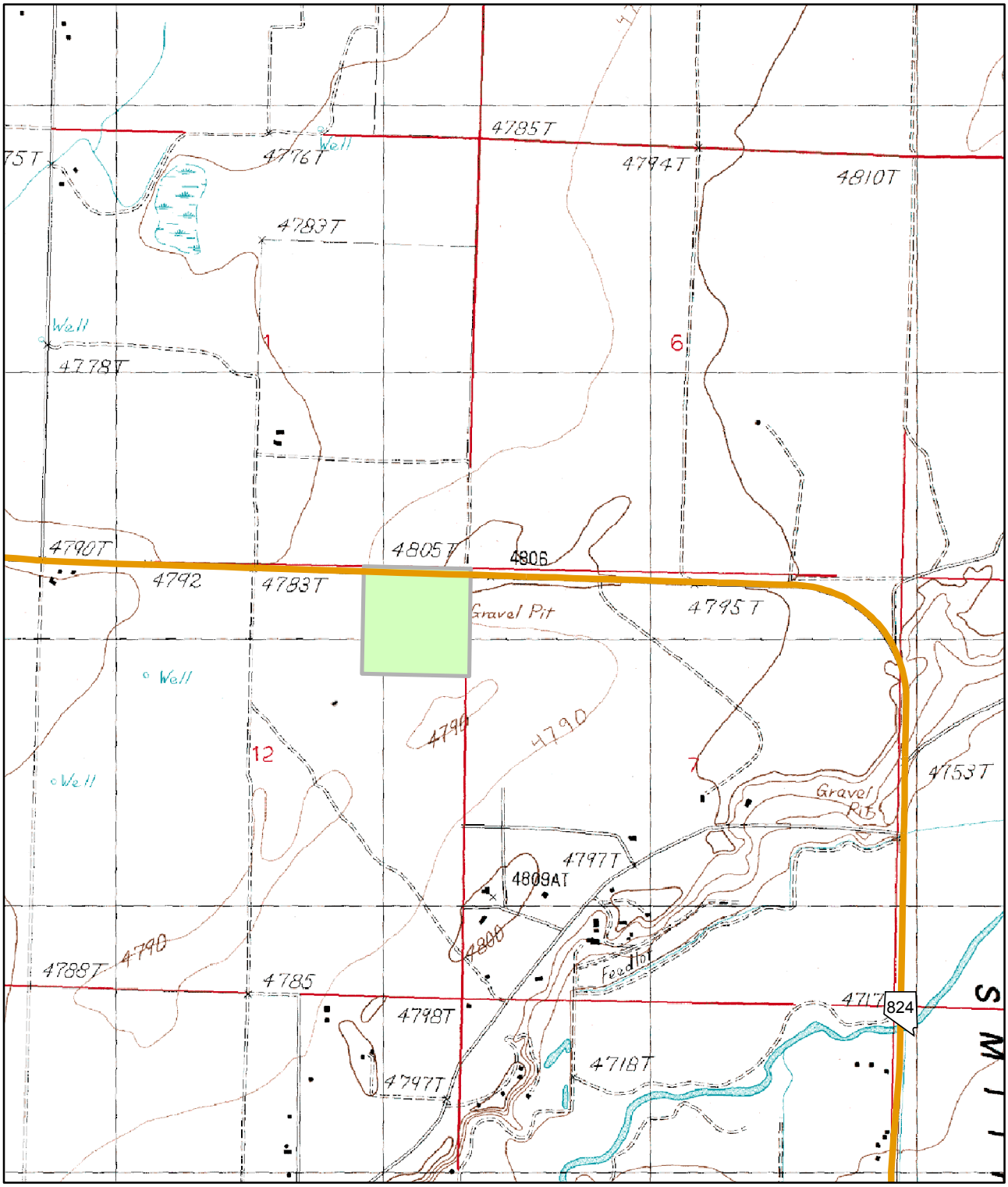

0 0.05 0.1 0.2 0.3 0.4
Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

District II Minor-B Maintenance Facility Area Maps

# Pit # LY 13-01
# Site Location Map
# SR-824 LY 3.6

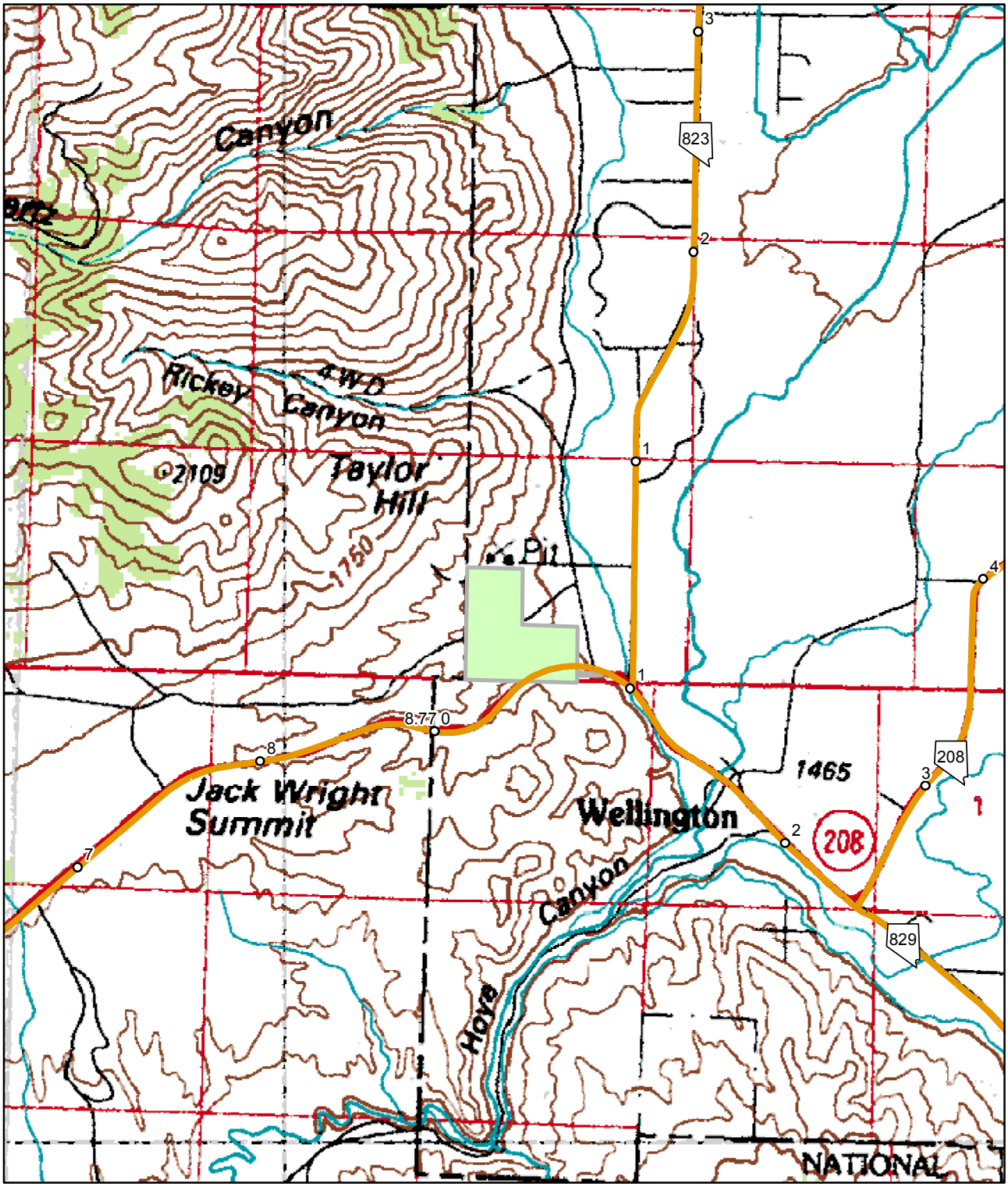



0 0.1250.25 0.5 0.75 1 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # LY 14-05
# Site Location Map
# SR-208 LY 0.8

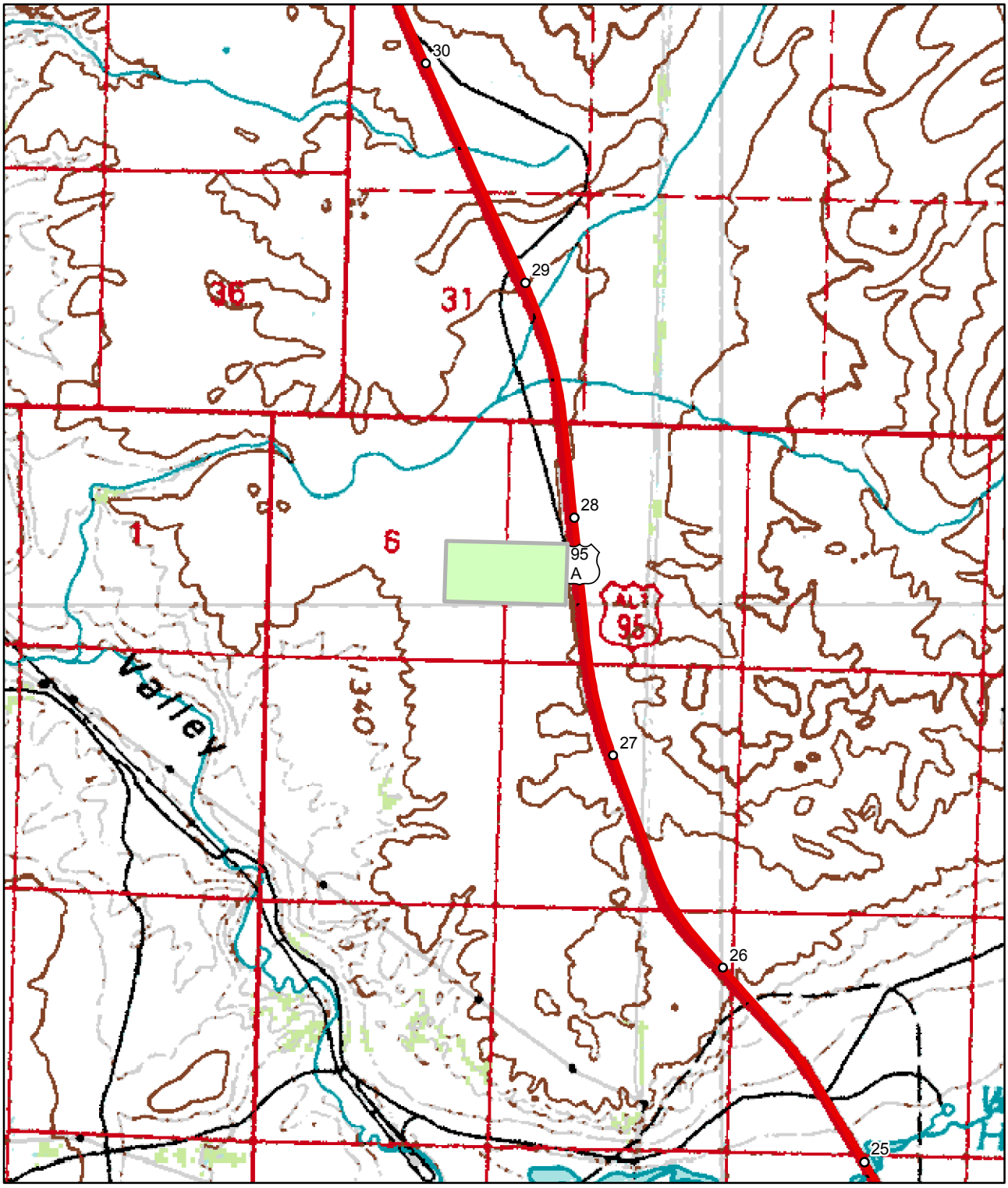



0 0.275 0.55 1.1 1.65 2.2 Miles

N W E S

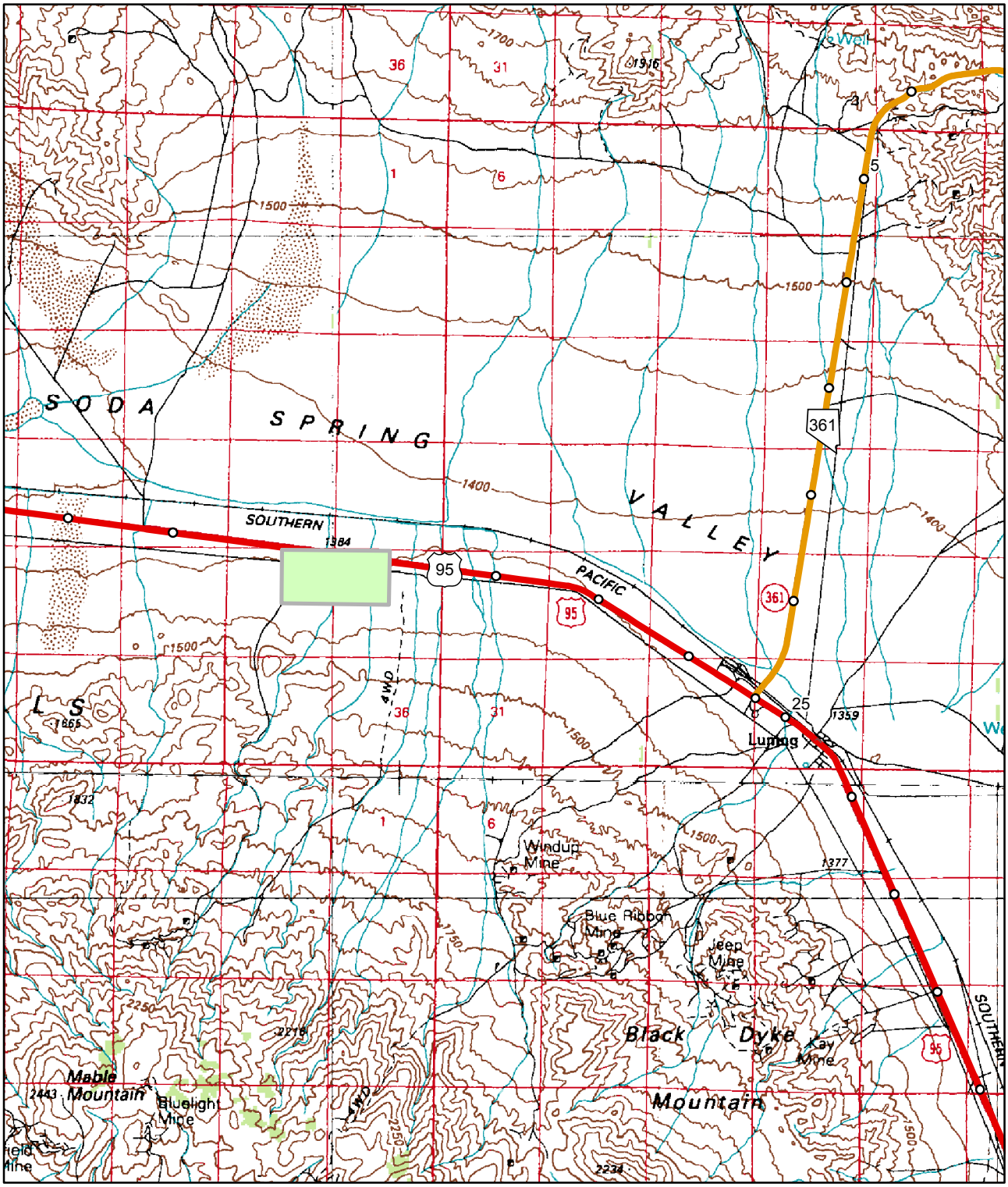
The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # LY 21-01
# Site Location Map
# US-95A LY 27.7




The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # MI 02-03
# Site Location Map
# US-95 MI 29.2

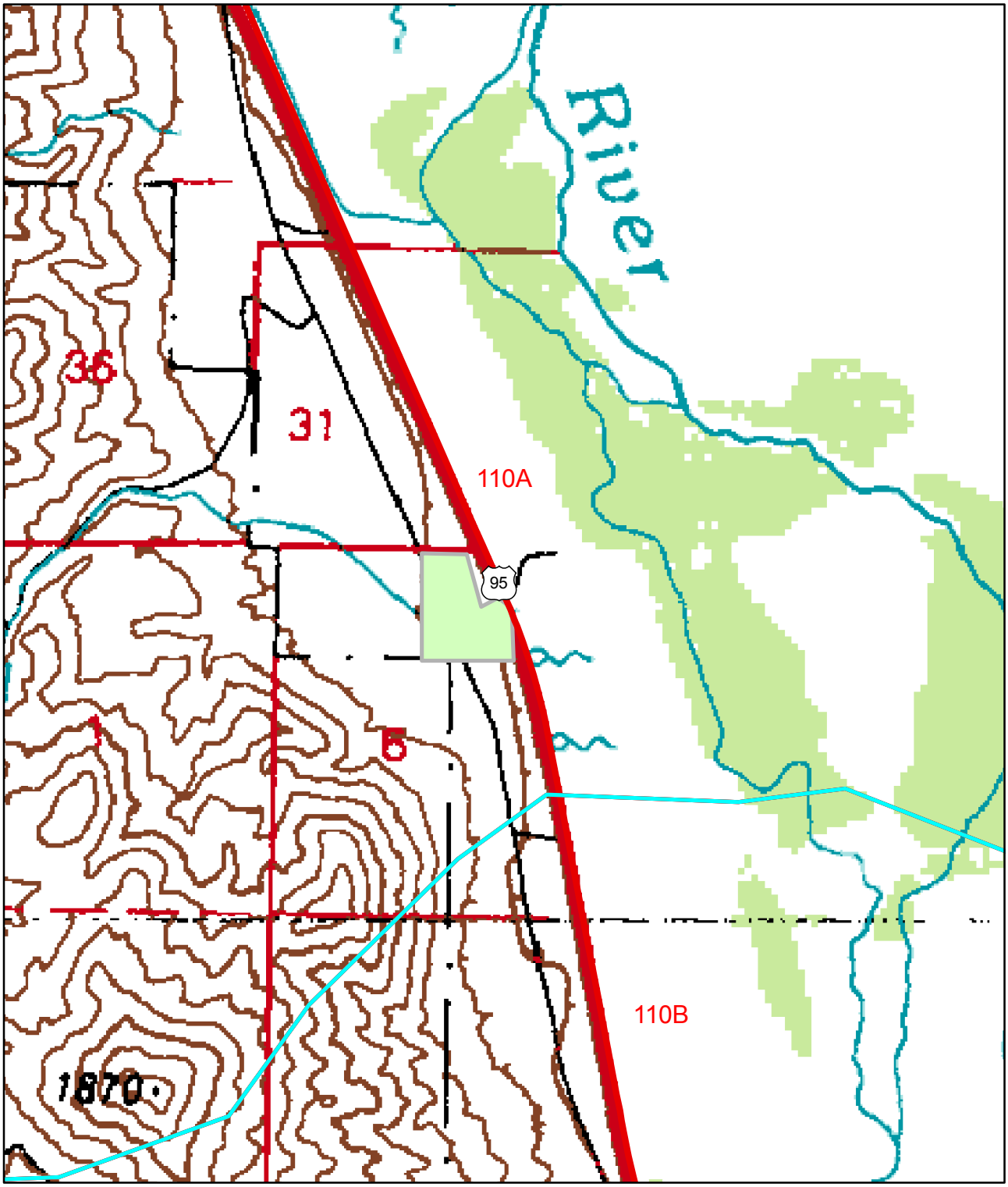



0 0.5 1 2 3 4 Miles

N W E S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # MI 04-01
# Site Location Map
# US-95 MI 76.7

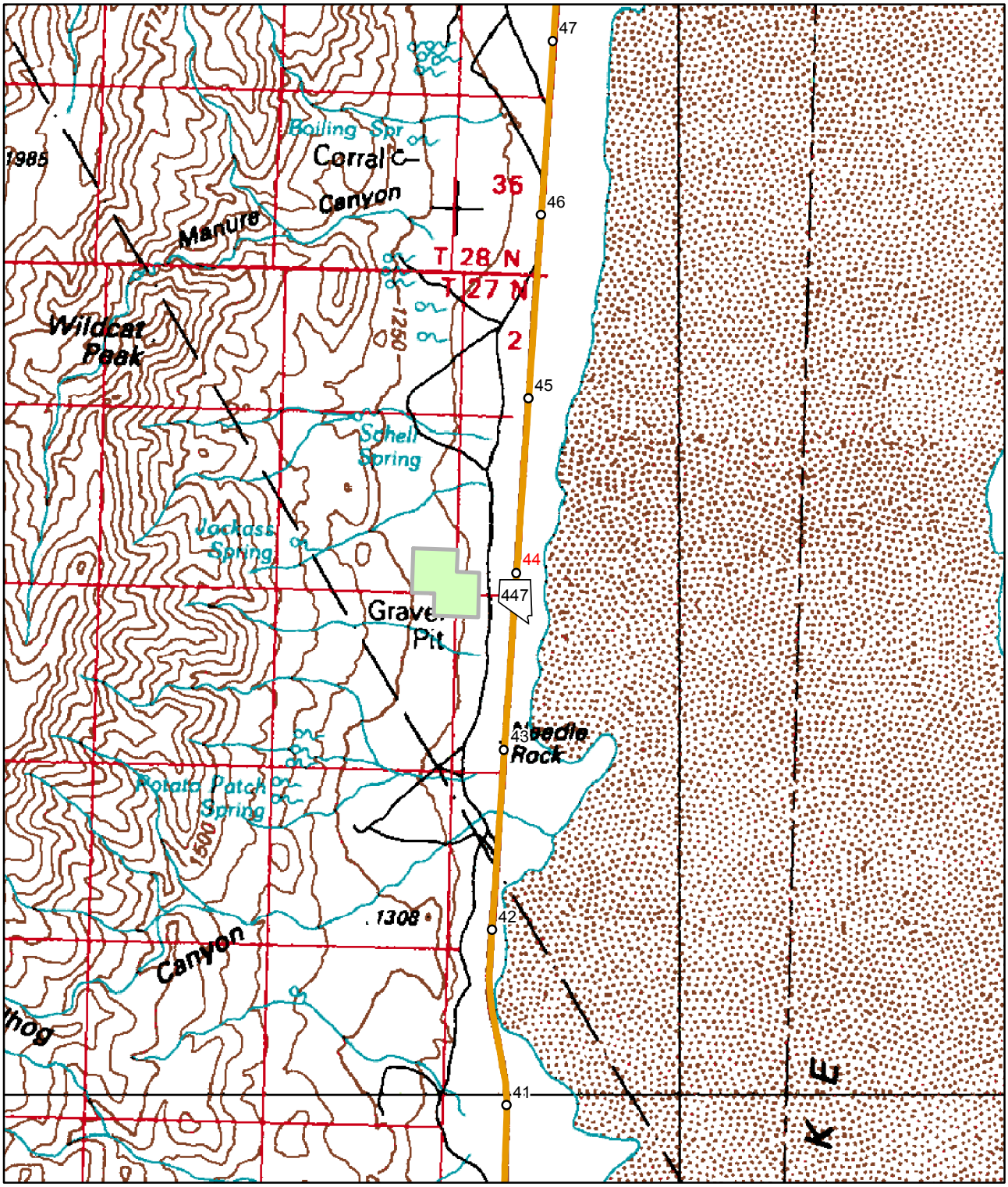



0 0.175 0.35 0.7 1.05 1.4 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # WA 37-03
# Site Location Map
# SR-447 WA 44.0

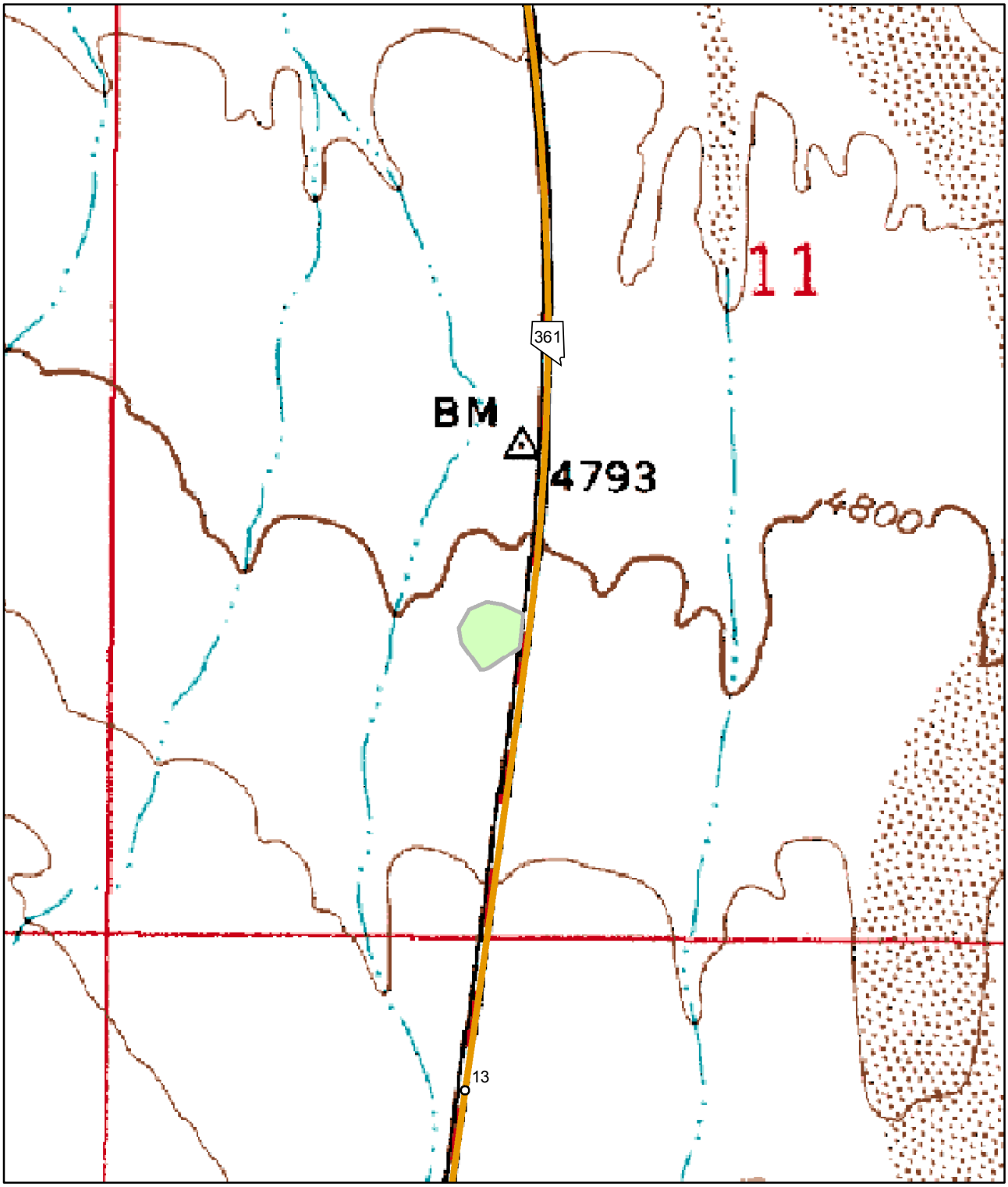



0 0.35 0.7 1.4 2.1 2.8 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Material Storage Site
# Location Map
# Gabbs Cut Off
# SR-361 CH 13.0

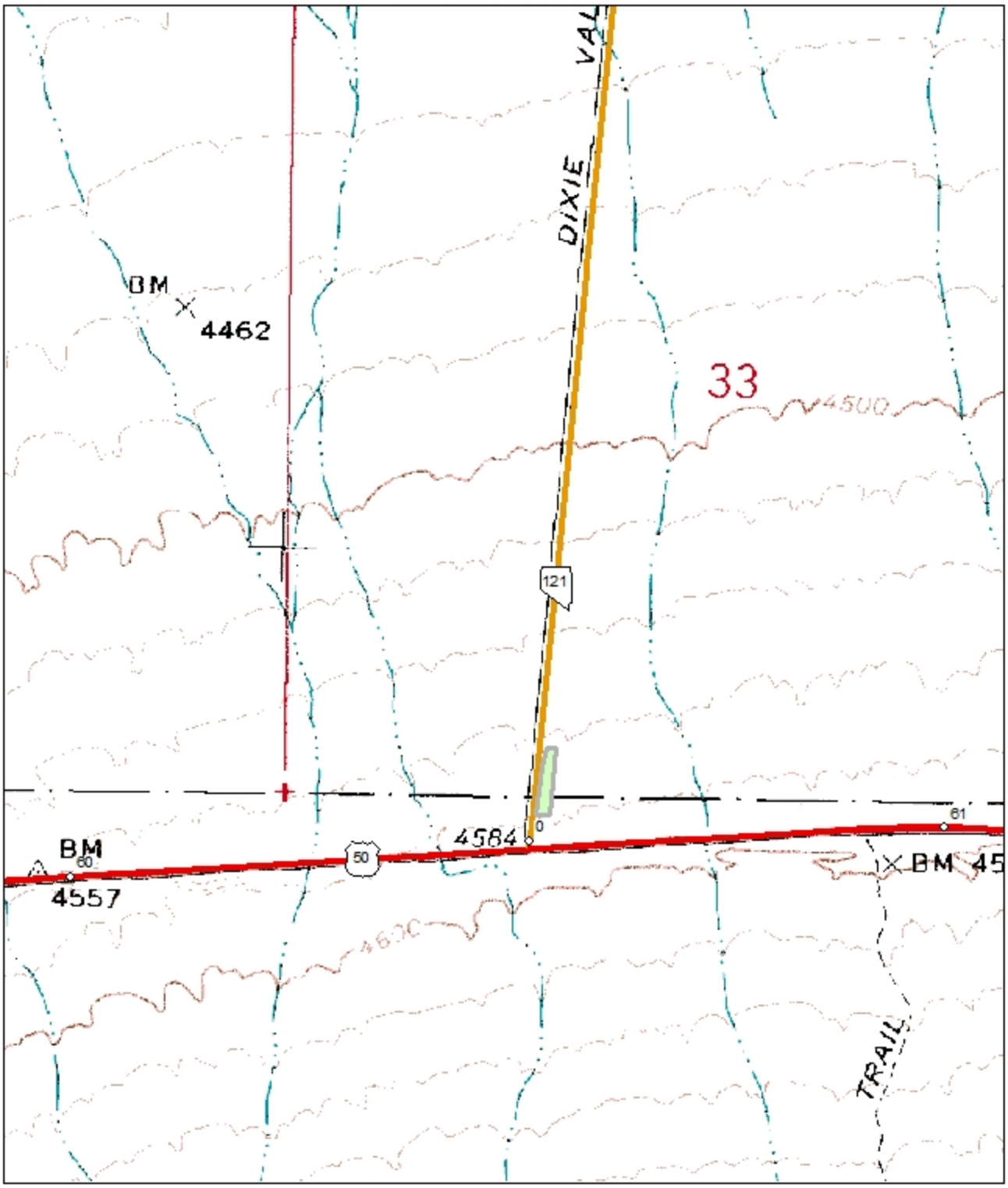



0 0.04750.095 0.19 0.285 0.38 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Material Storage Site
# Location Map
# "Dixie Valley"
# US-50 CH 60.5

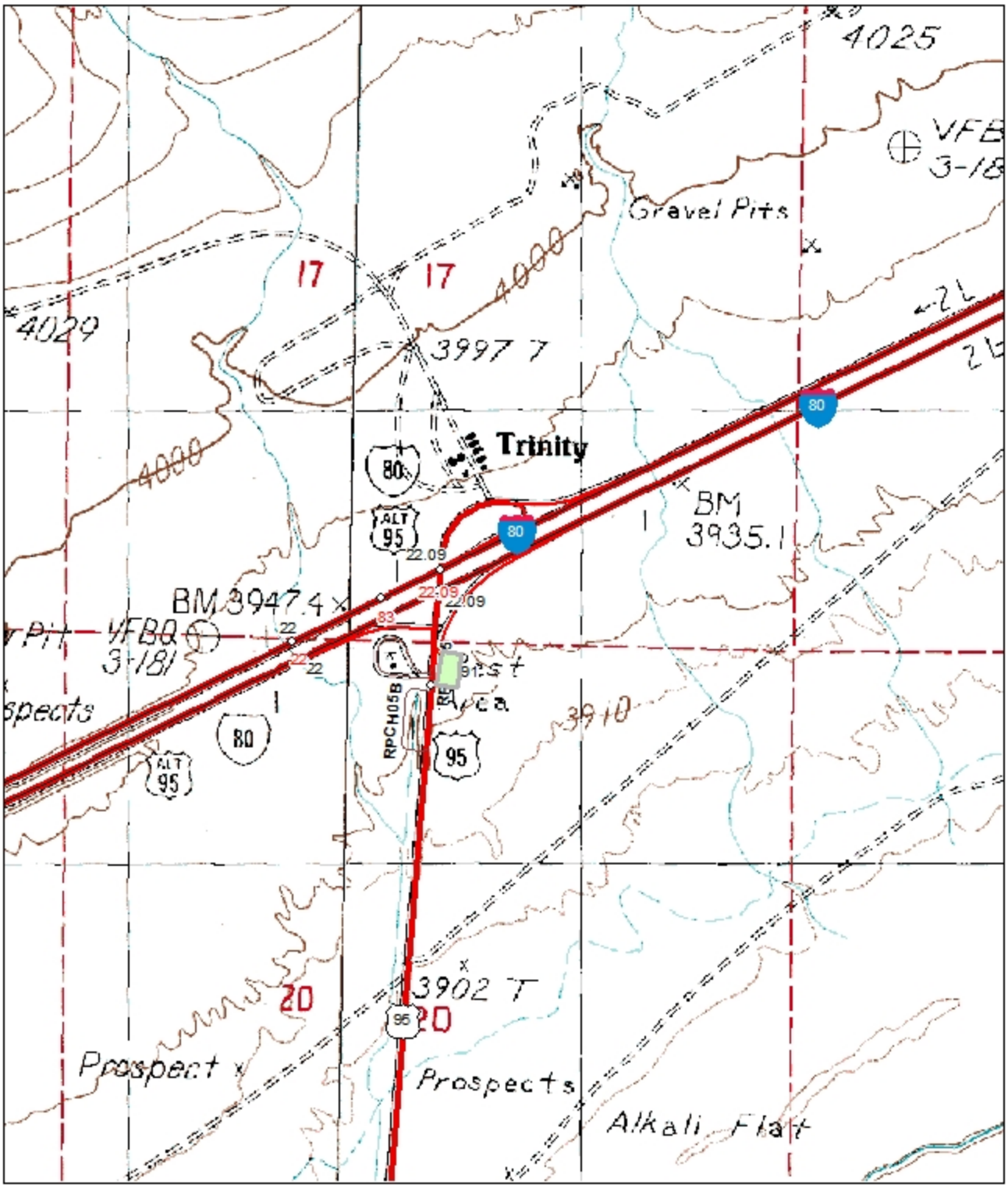



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# Trinity
# US-95 CH 58.9

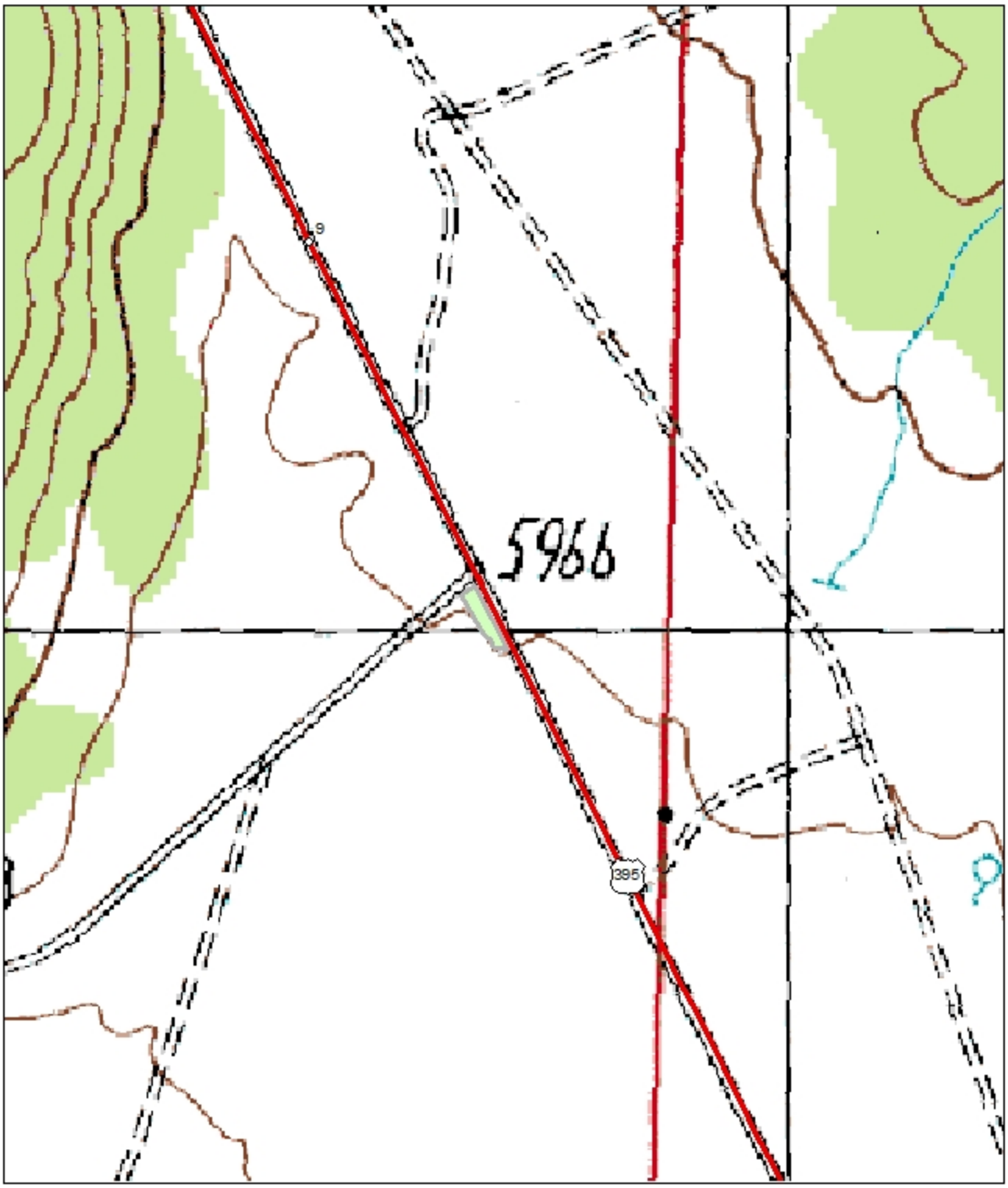



0 0.0750.15 0.3 0.45 0.6 Miles

N W E S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# Leviathan
# US-395 DO 8.8

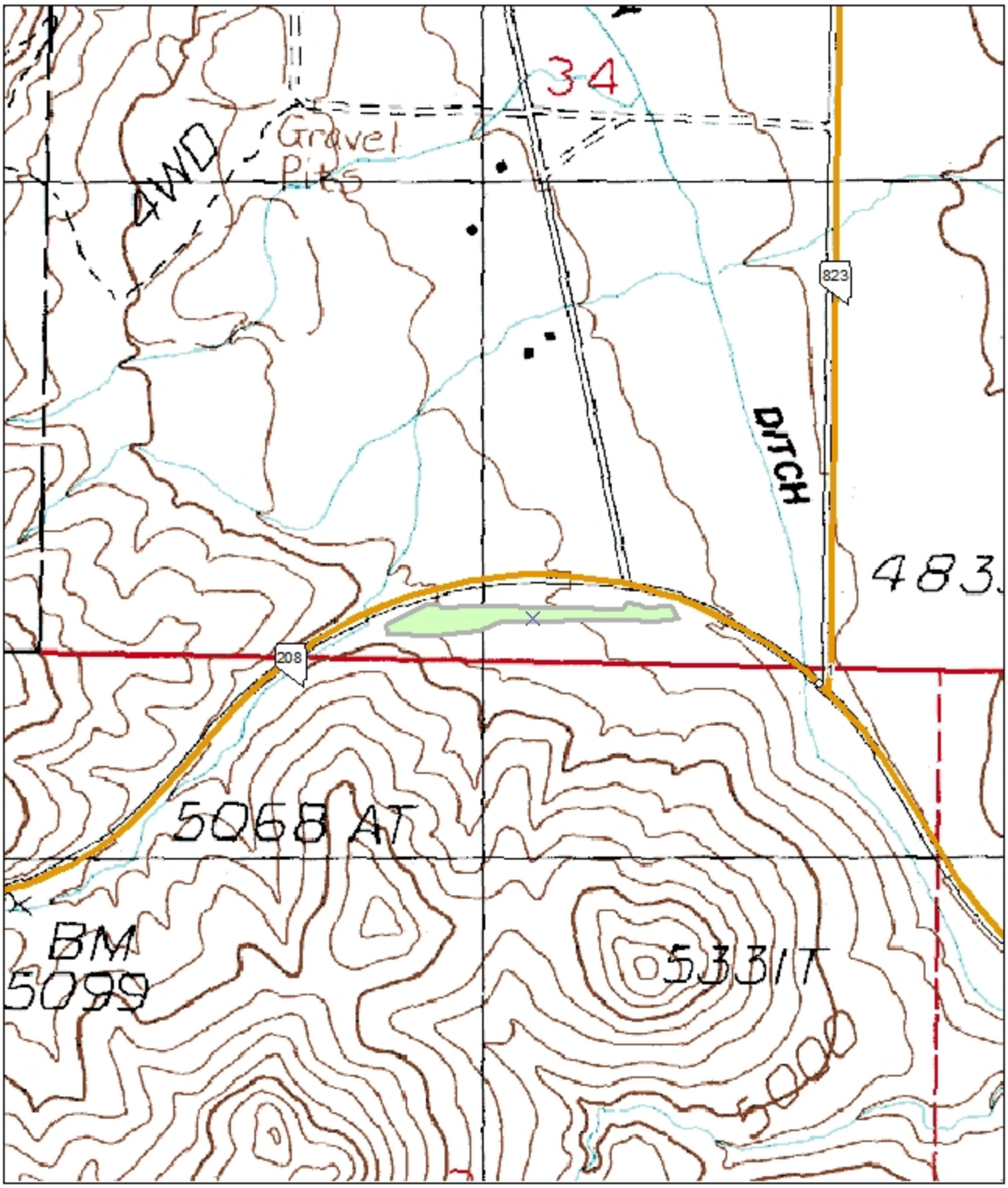



0 0.035 0.07 0.14 0.21 0.28 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Jack Wright Mixing Strip"
# SR-208 LY 0.8

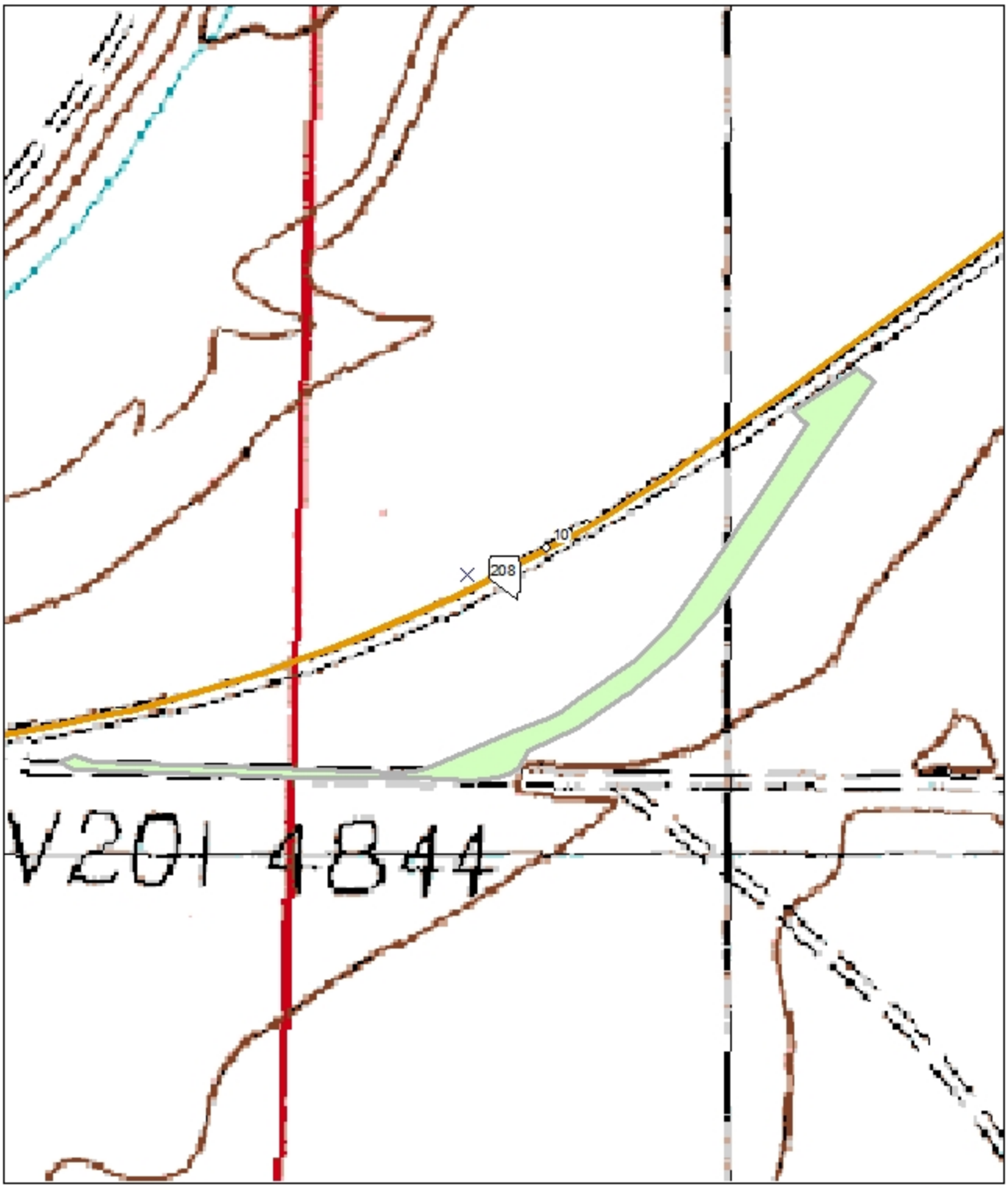



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Wellington Mixing Strip"
# SR-208 LY 10.0

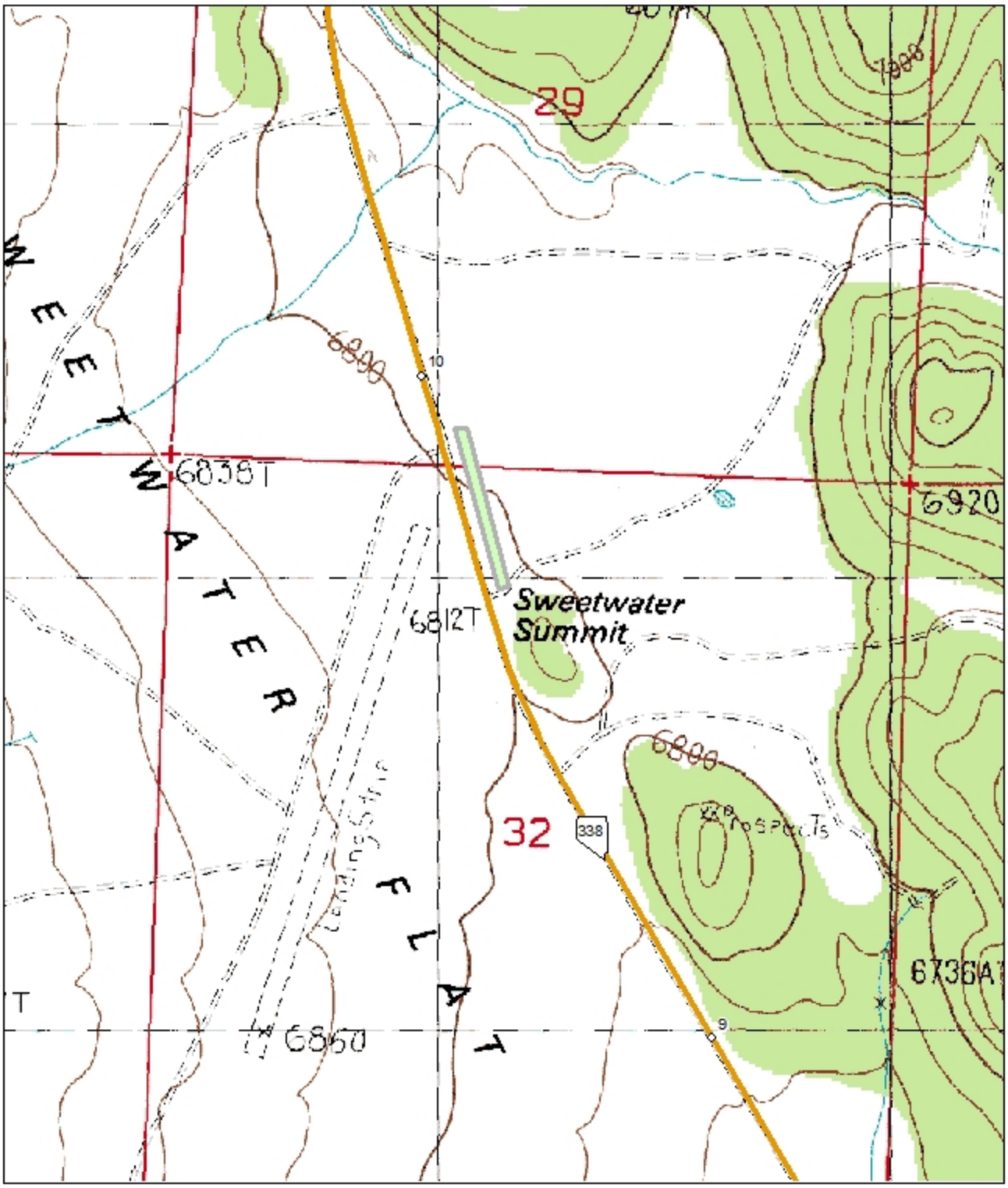



0 0.0275 0.055 0.11 0.165 0.22 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# Sweetwater Mixing Strip
# SR-338 LY 9.5

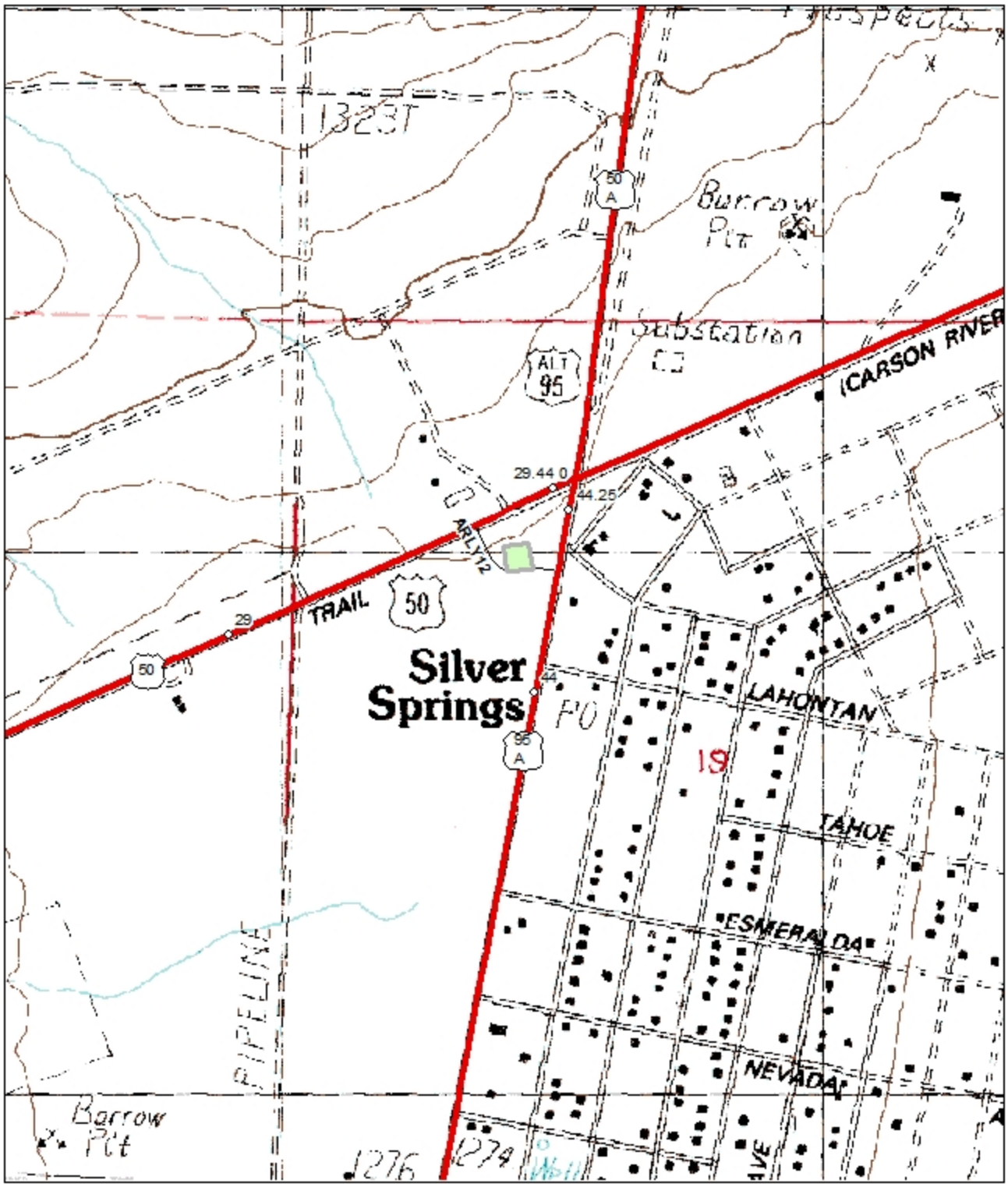



0 0.0750.15 0.3 0.45 0.6 Miles

N W E S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Silver Springs"
# US-50 LY 29.5

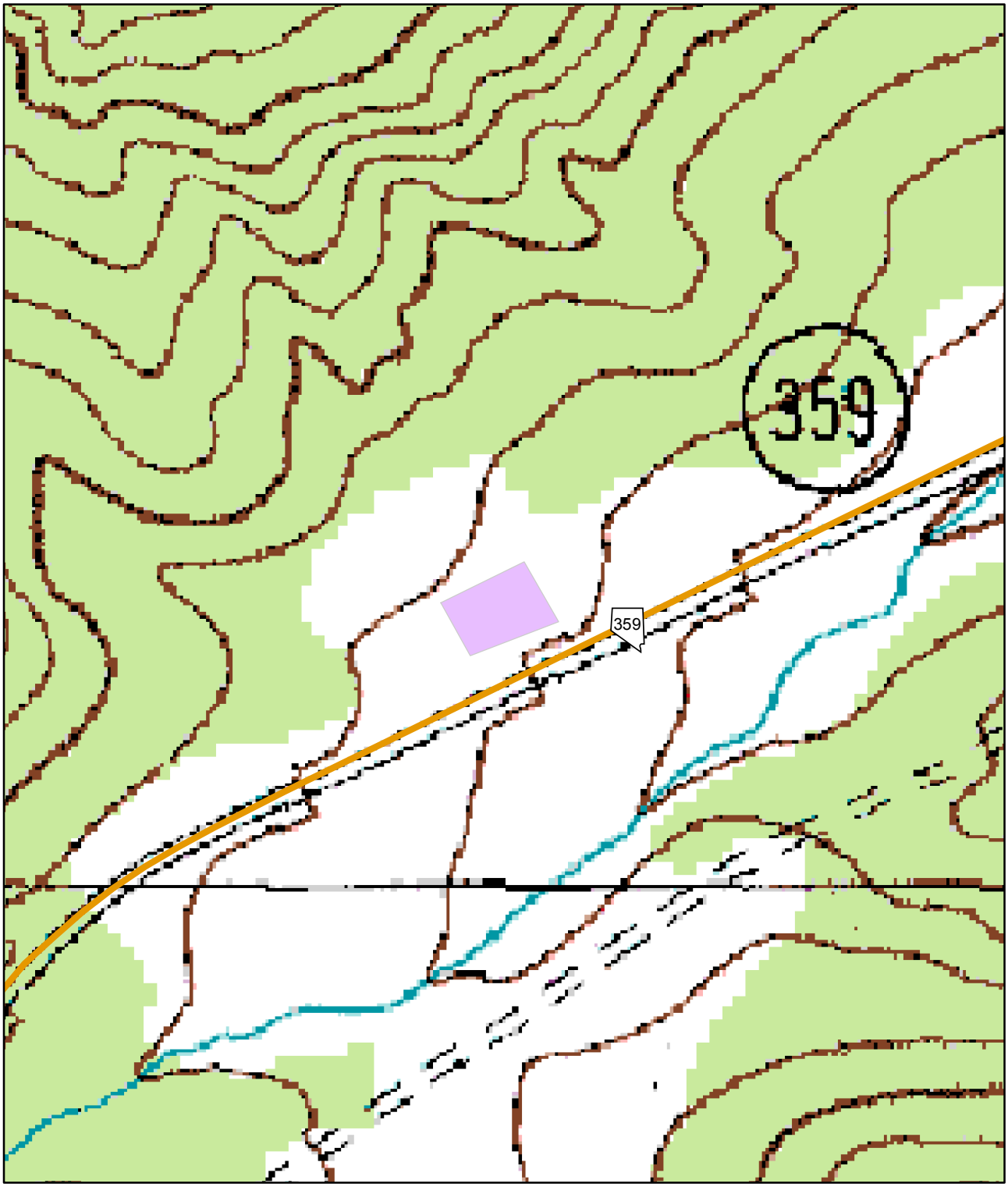



0 0.05 0.1 0.2 0.3 0.4 Miles

N W E S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# SR-359 MI 7.0

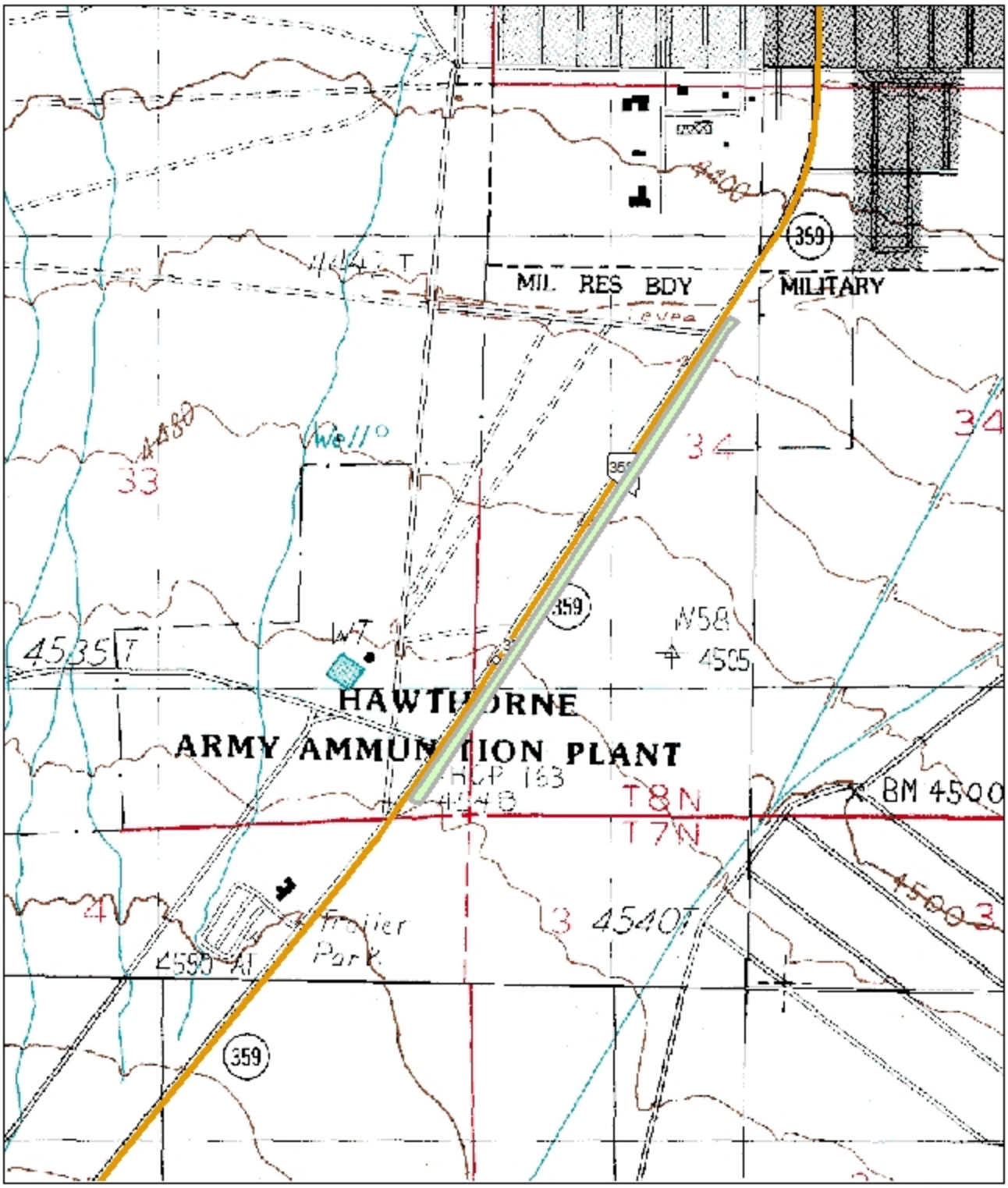



0 0.0225 0.045 0.09 0.135 0.18
Miles

N
W E
S

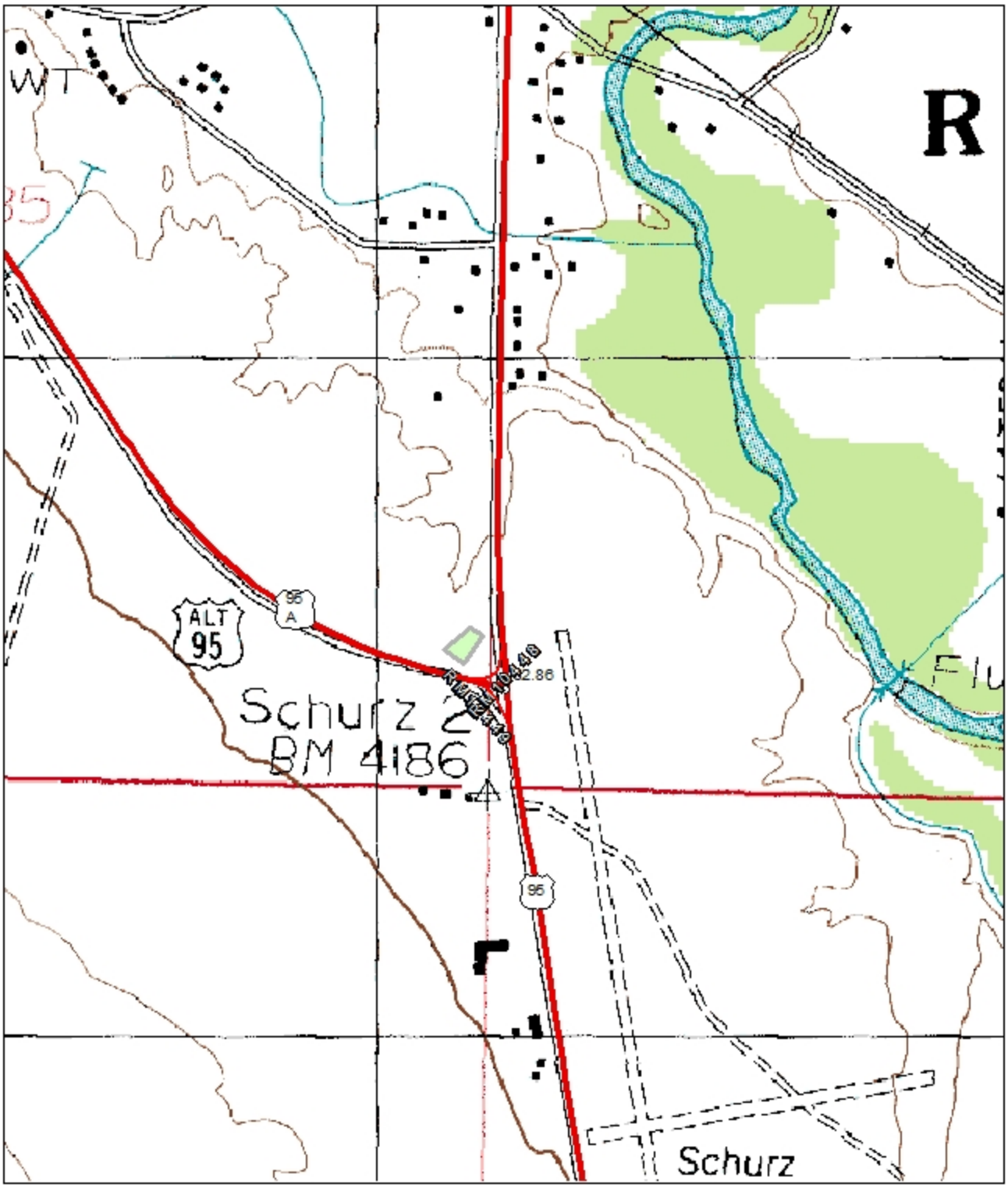
The "purple" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# SR-359 MI 32.5




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# Schurz
# US-95A MI 83.2

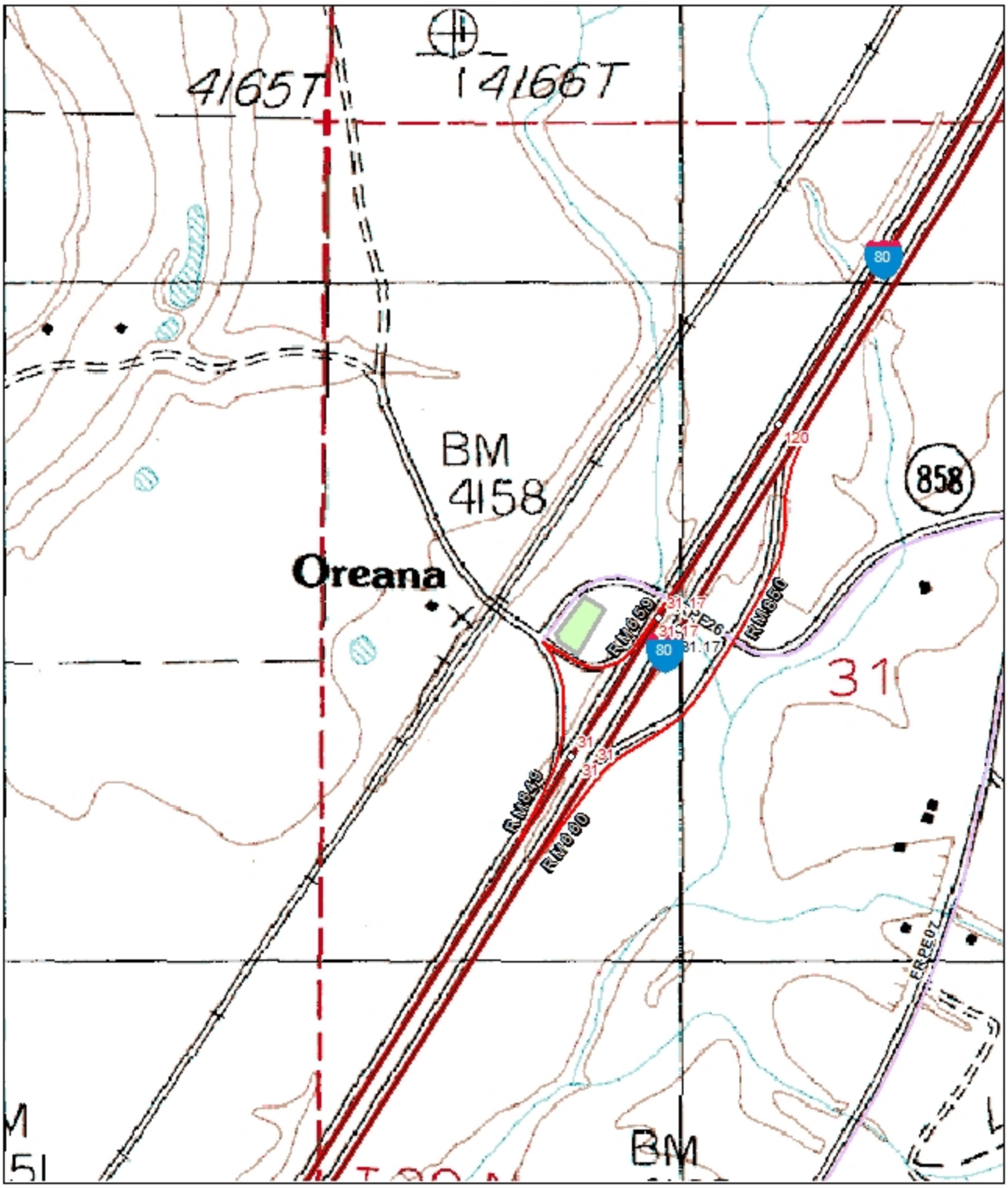



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

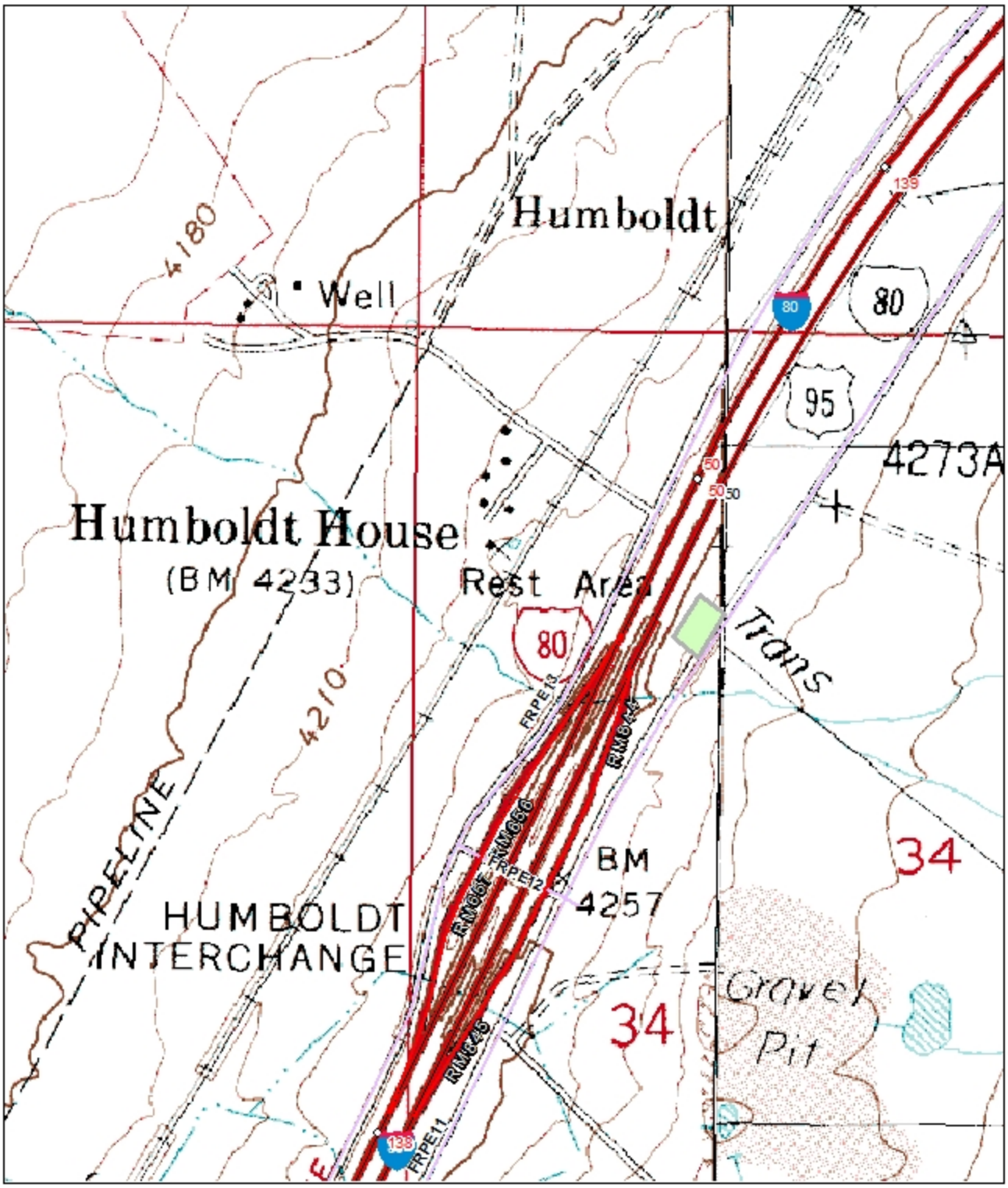
The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Oreana"
# I-80 PE 31.0




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Humboldt House"
# I-80 PE 49.9

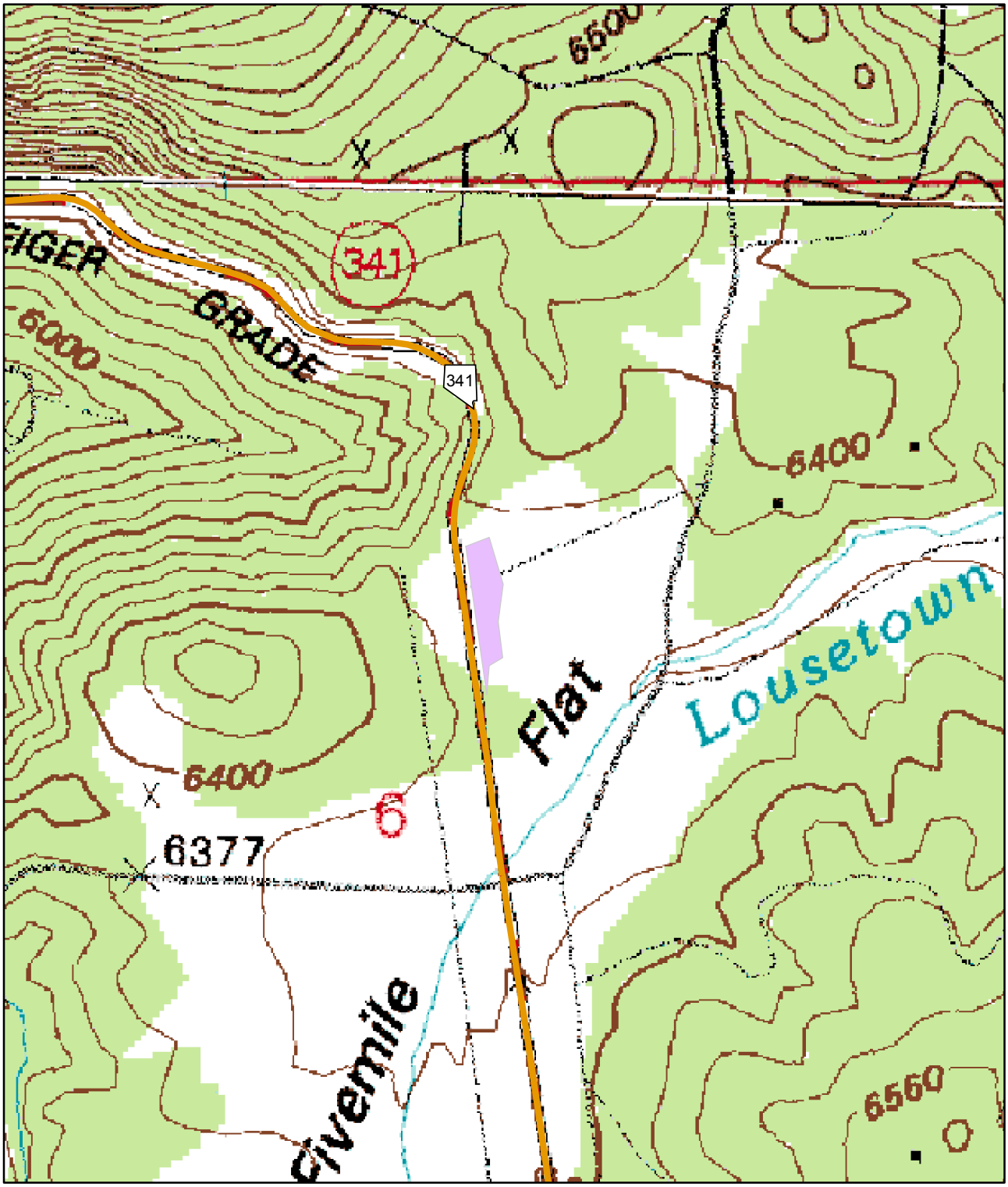



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# Five Mile Flat
# SR-341 ST 9.2

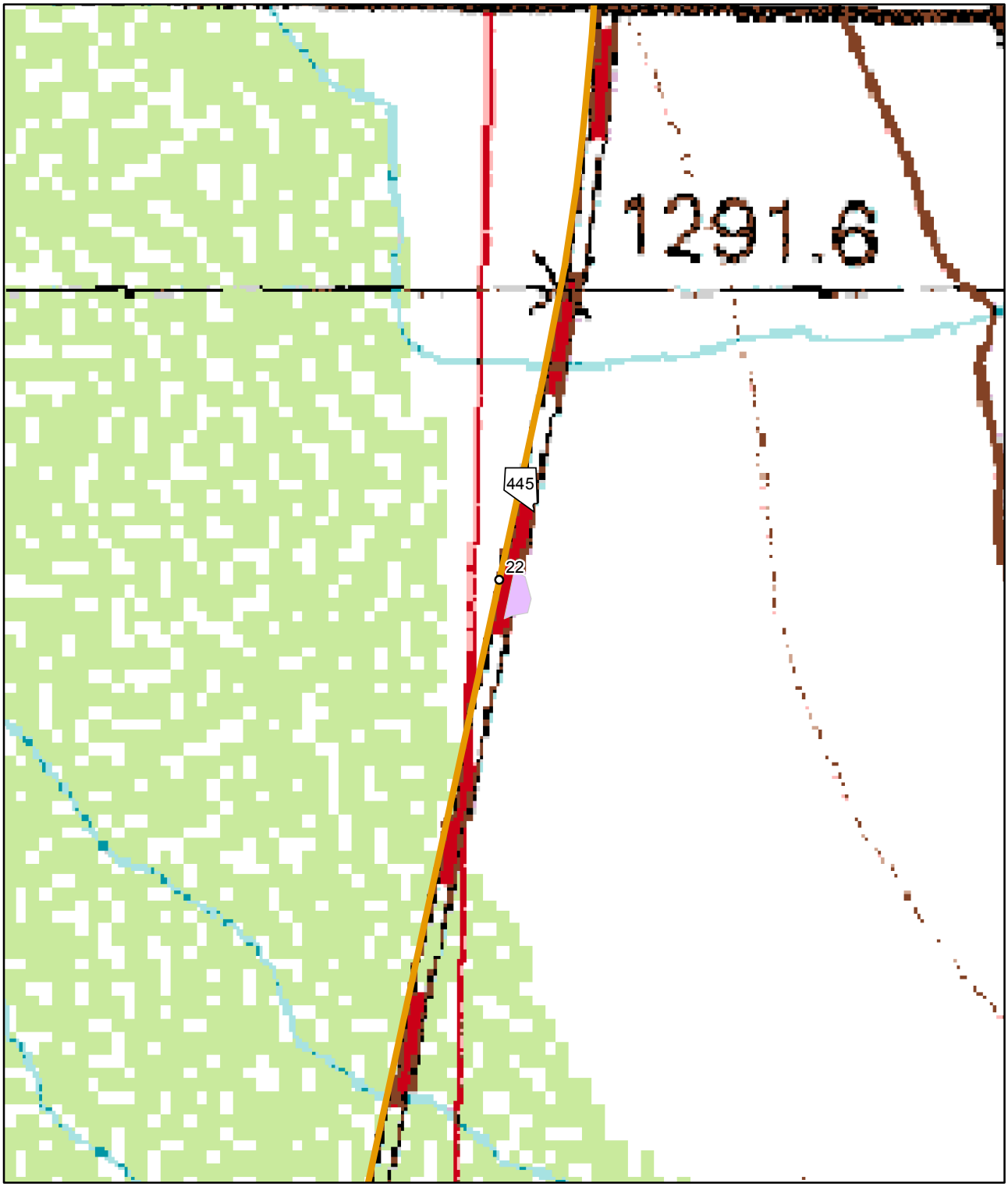



0 0.0475 0.095 0.19 0.285 0.38 Miles

N
W E
S

The "purple" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# Whiskey Springs
# SR-445 WA 22.1

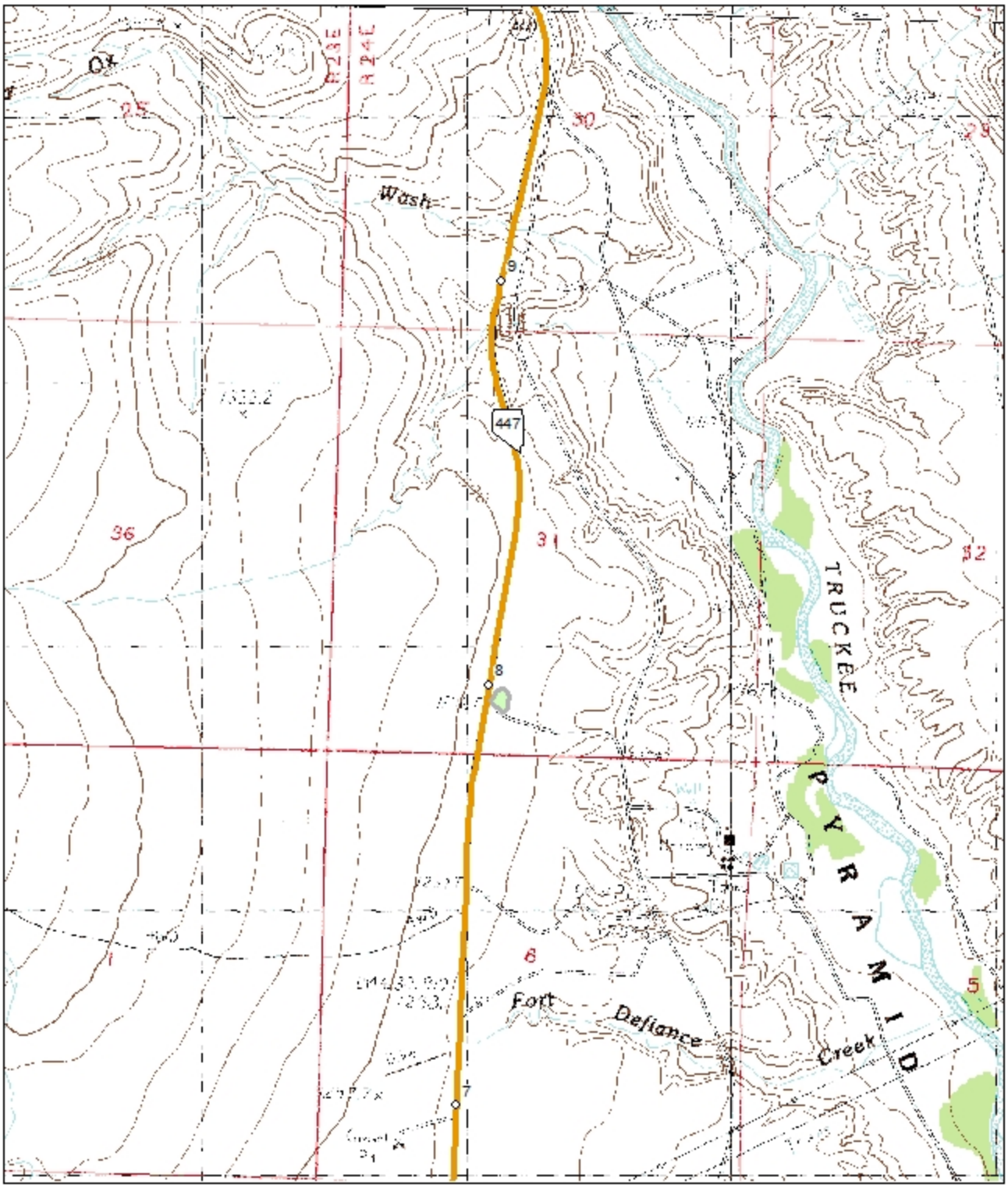



0 0.0225 0.045 0.09 0.135 0.18
Miles

N
W E
S

The "purple" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# Hatchery Road
# SR-447 WA 8.0

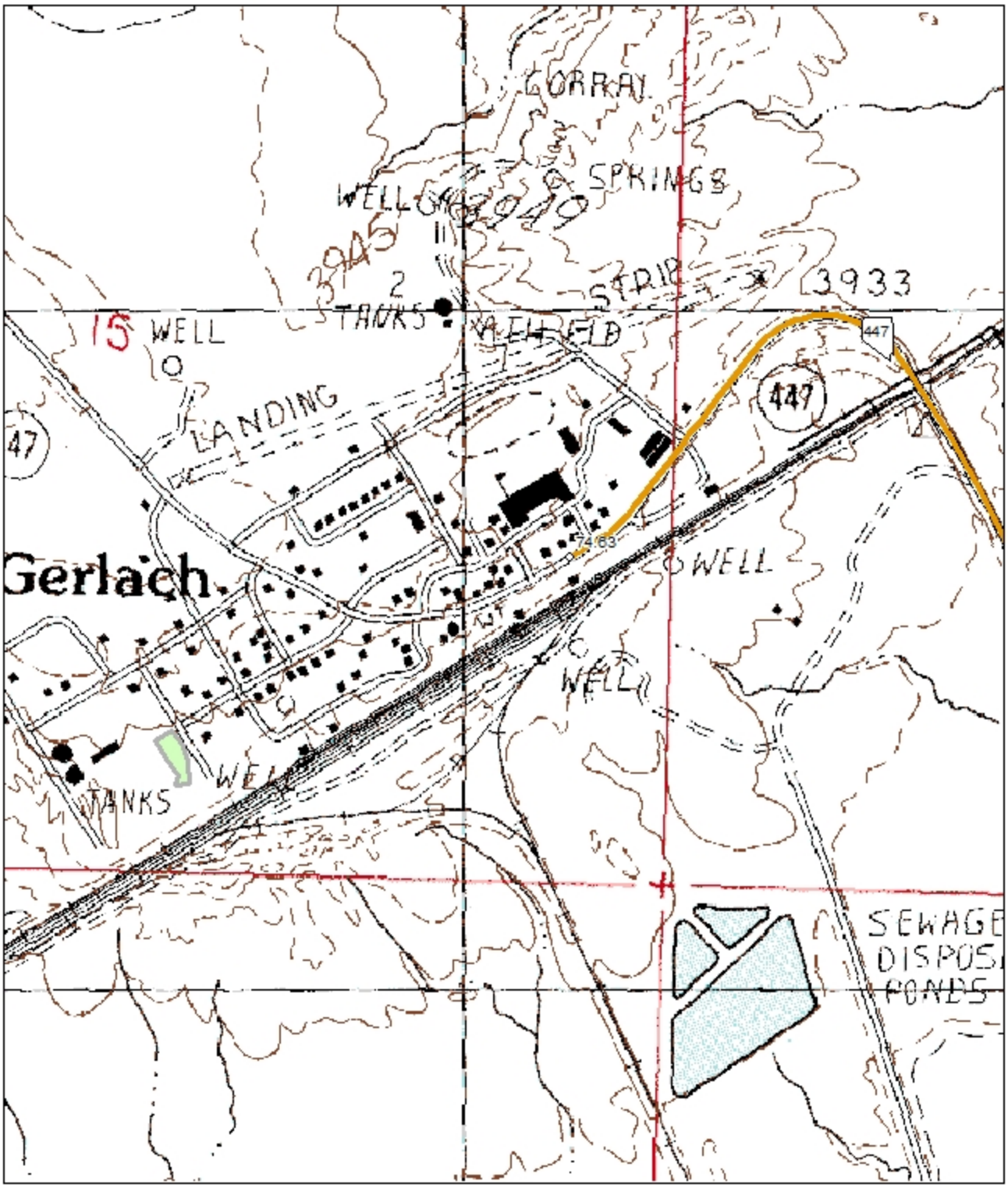



0 0.1250.25 0.5 0.75 1 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# Gerlach Yard
# SR-447 WA 74.0



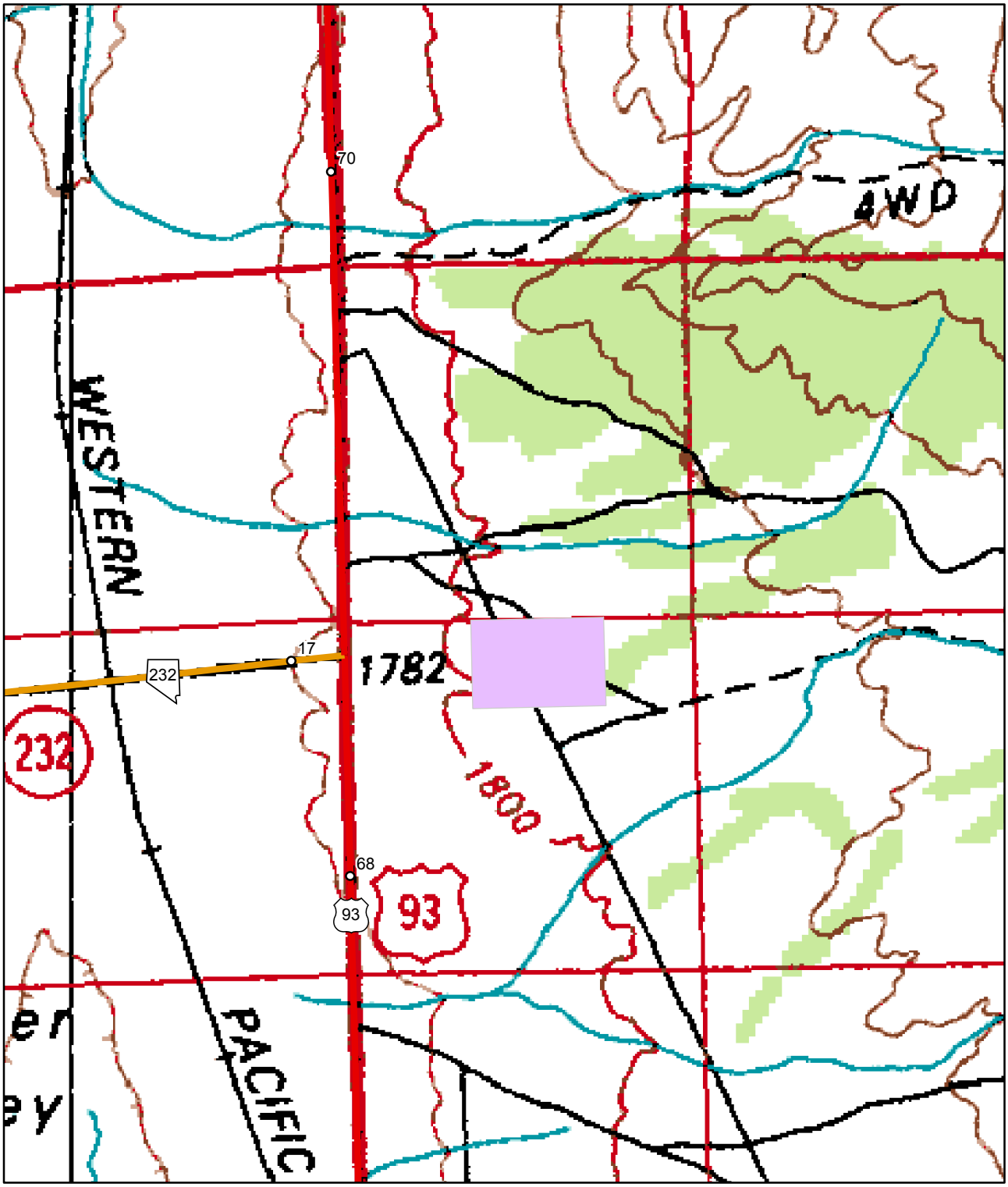

0 0.05 0.1 0.2 0.3 0.4 Miles

N W E S

The "green" shaded area represents the Material Storage Site Facility's property layout.

District III Minor-B Maintenance Facility Area Maps

# Pit # EL 14-02
# Site Location Map
# US-93 EL 68.4

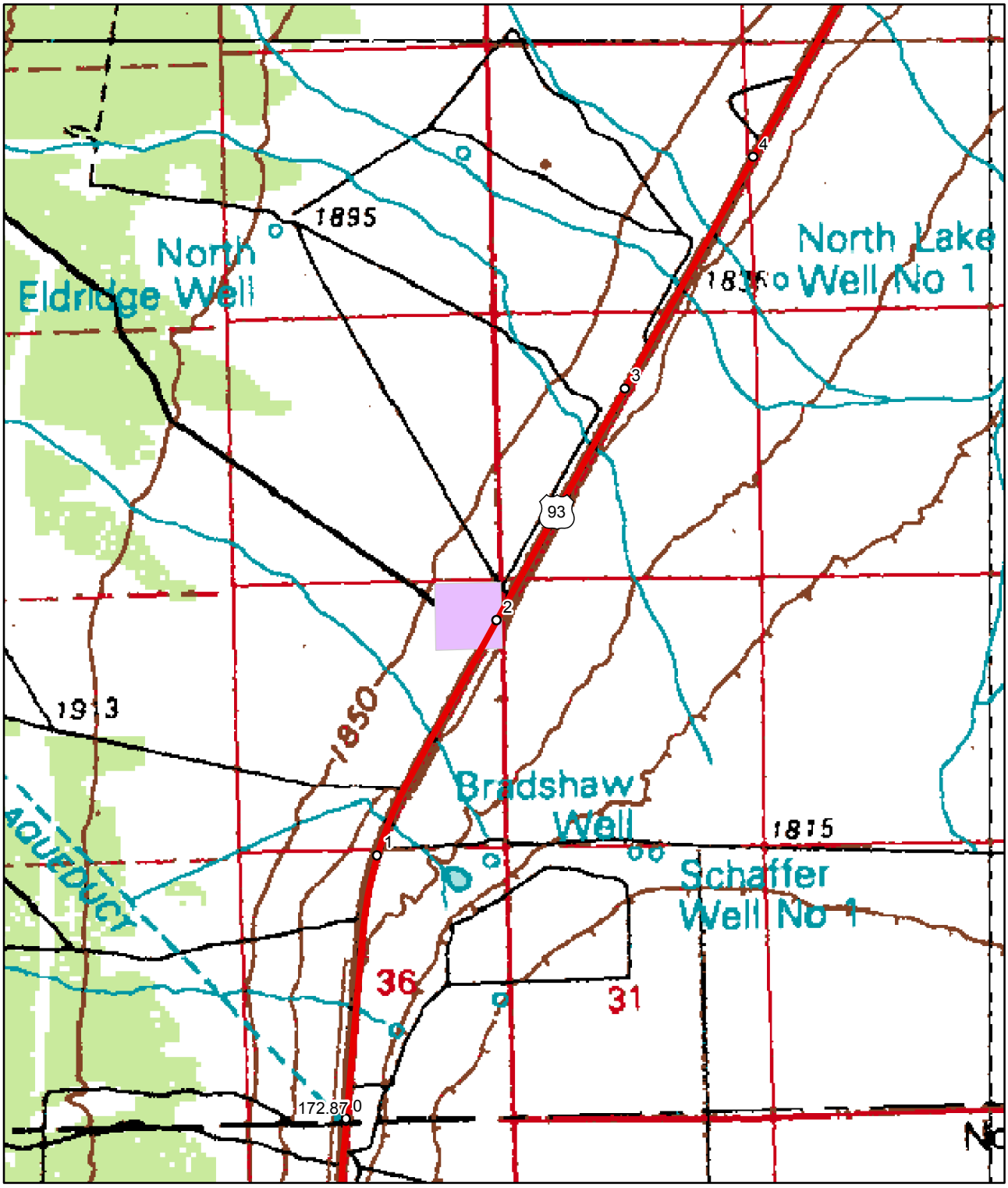



0 0.175 0.35 0.7 1.05 1.4 Miles

N
W E
S

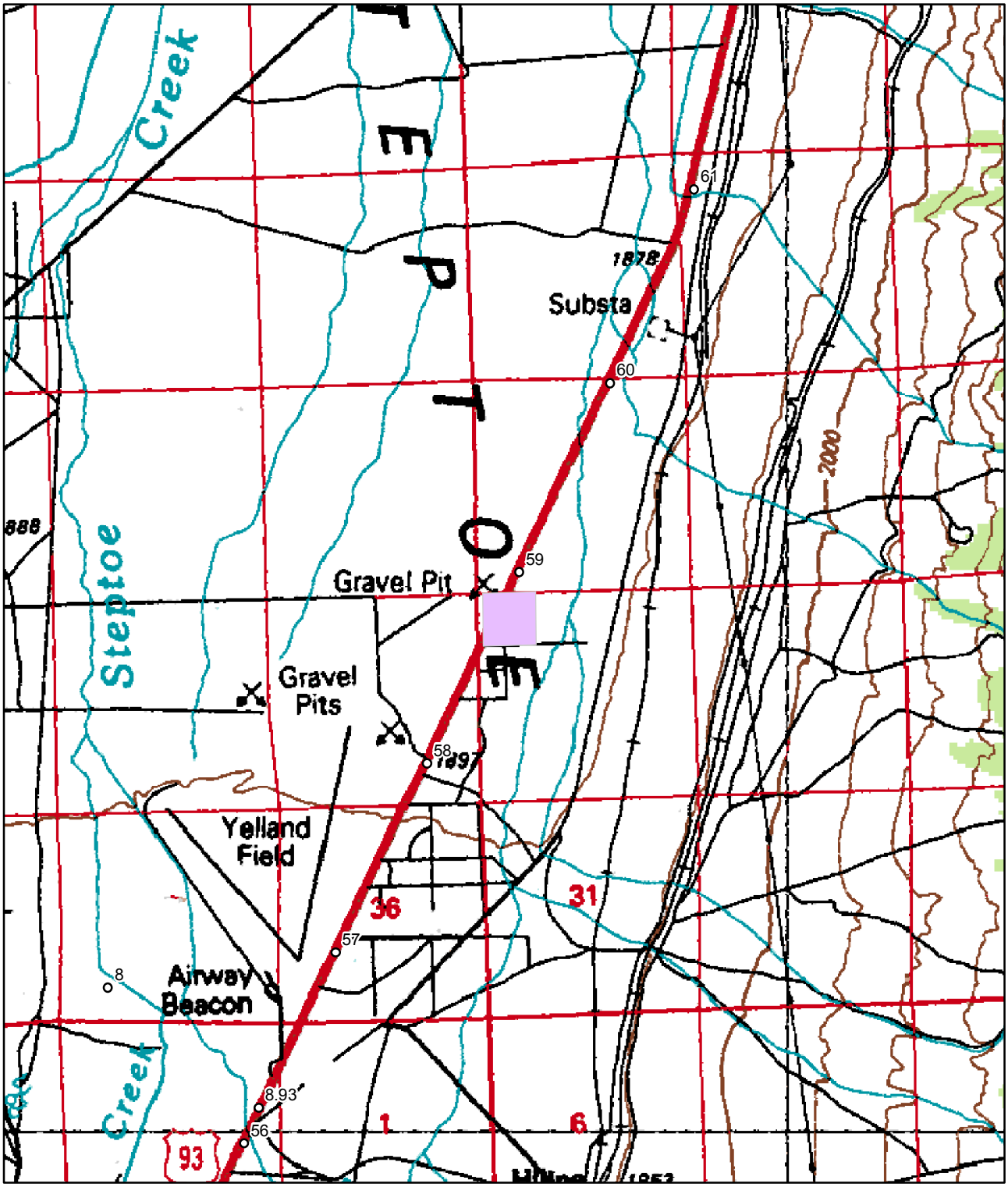
The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # CC020120
# Site Location Map
# US-93 WP 2.0



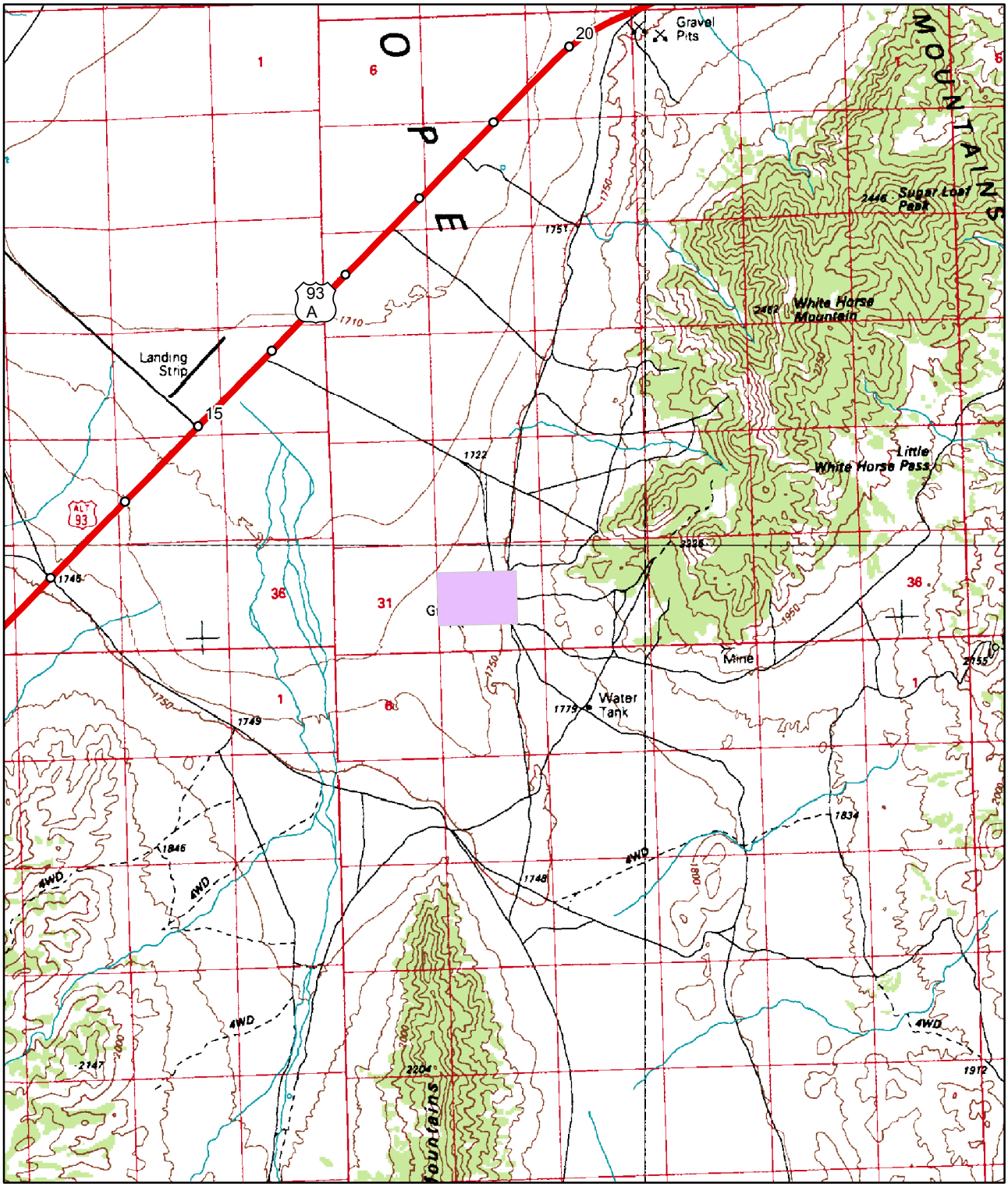

The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # CC025129
# Site Location Map
# US-93 WP 59.0




The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # EL 09-01
# Site Location Map
# US-93A EL 15.6

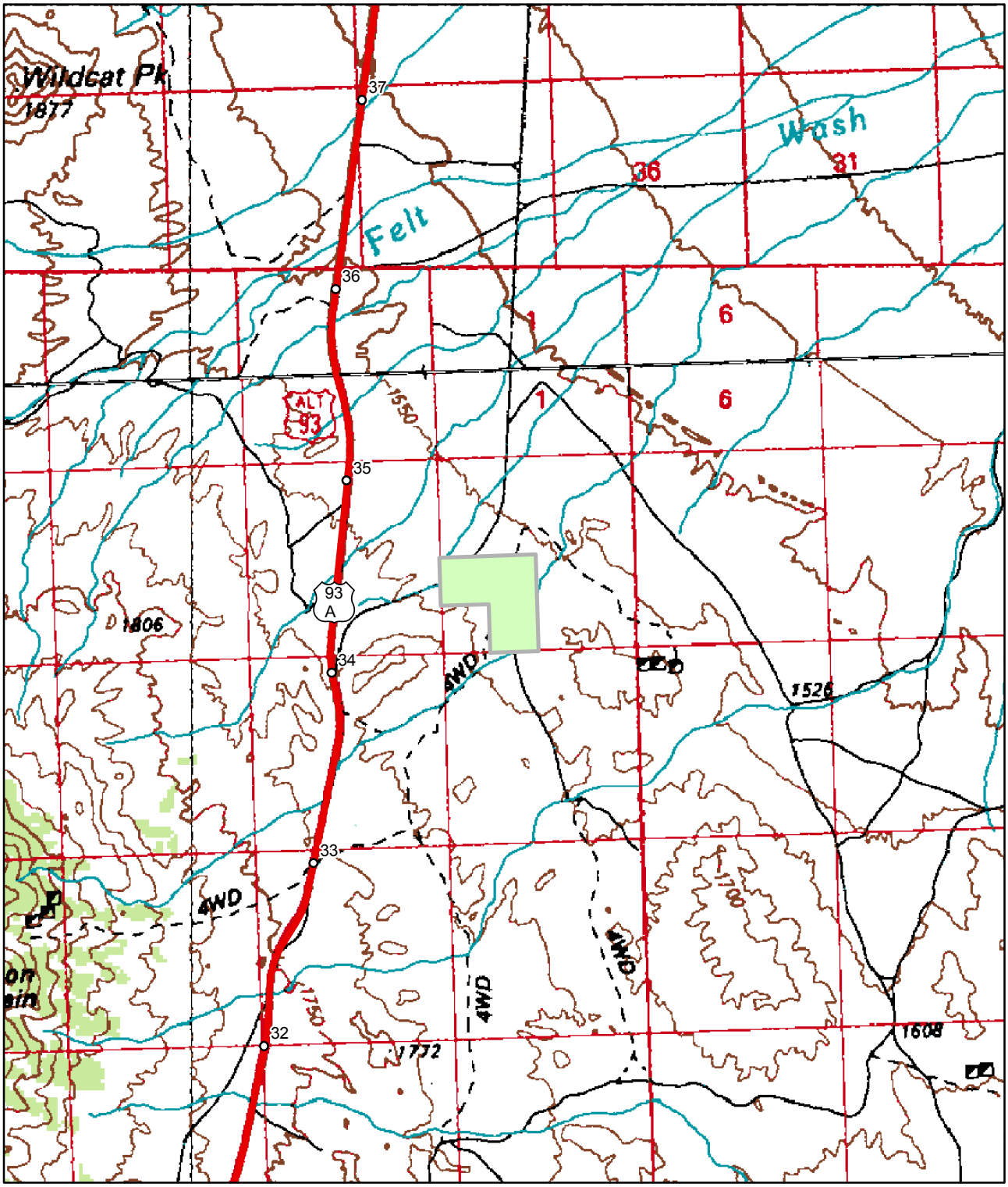



0 0.5 1 2 3 4 Miles

N W E S

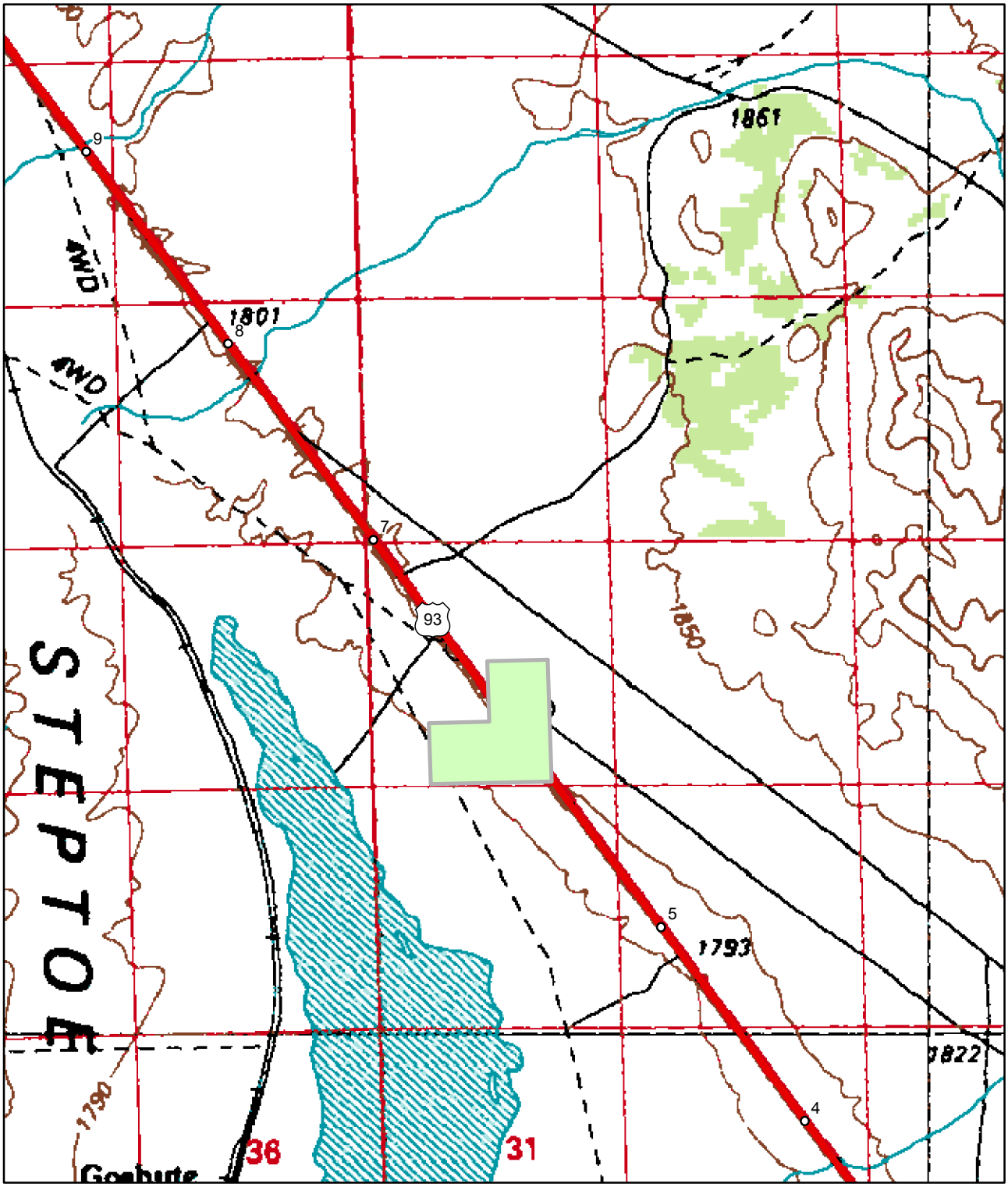
The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # EL 10-01
# Site Location Map
# US-93A EL 34.0




The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # EL 13-05
# Site Location Map
# US-93 EL 6.0

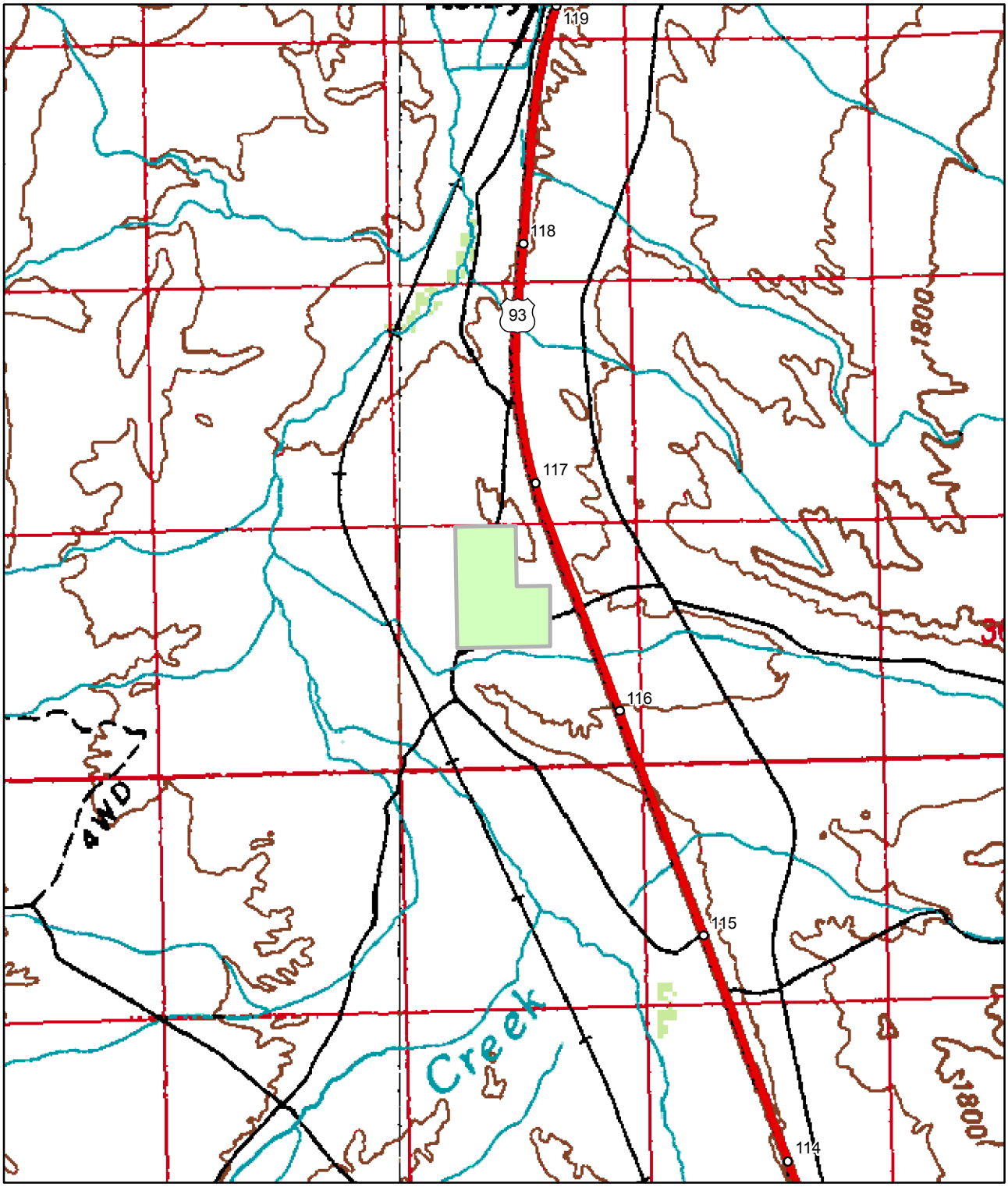



0 0.25 0.5 1 1.5 2 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # EL 16-03
# Site Location Map
# US-93 EL 116.6

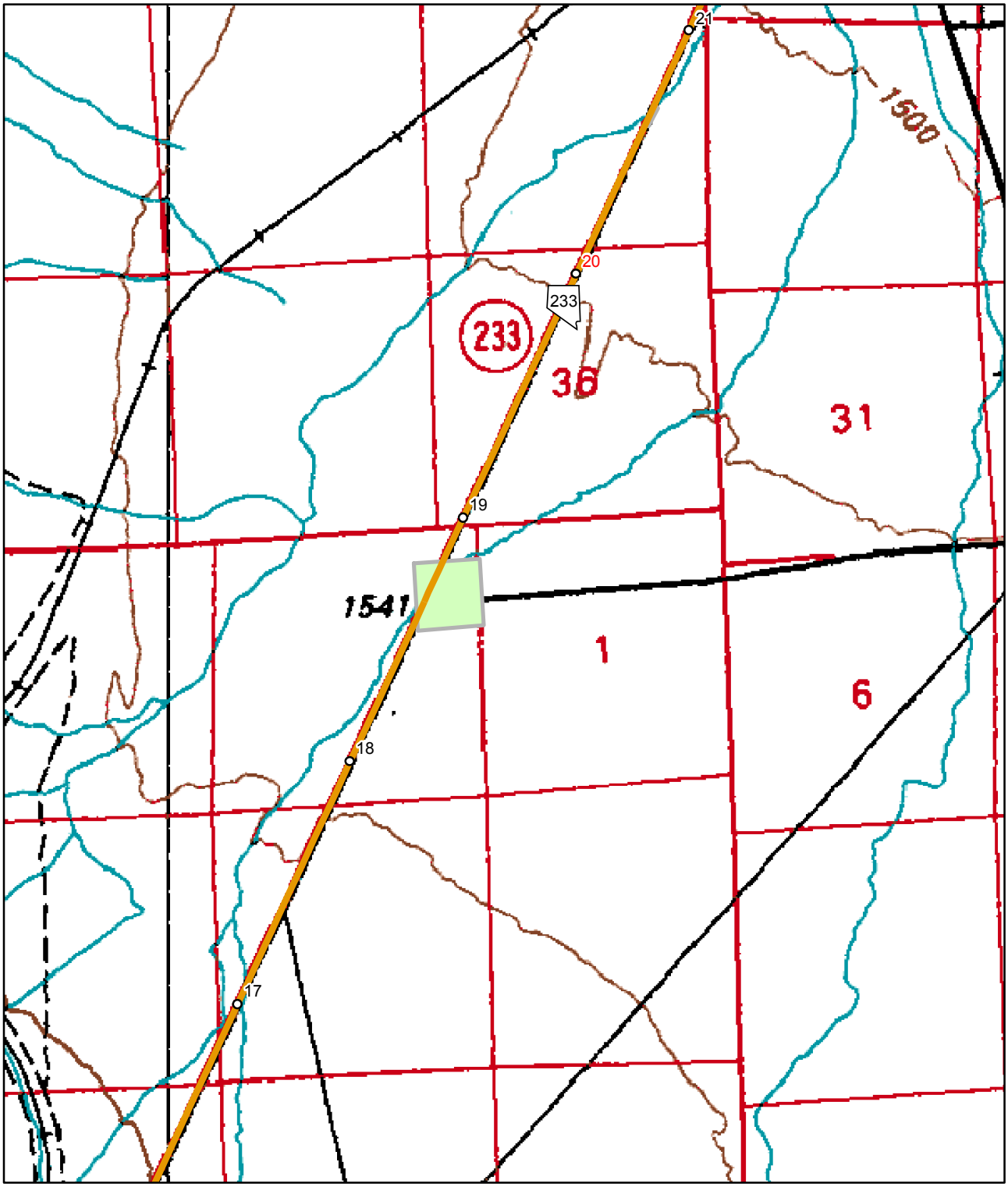



0 0.25 0.5 1 1.5 2 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # EL 35-01
# Site Location Map
# SR-233 EL 18.7

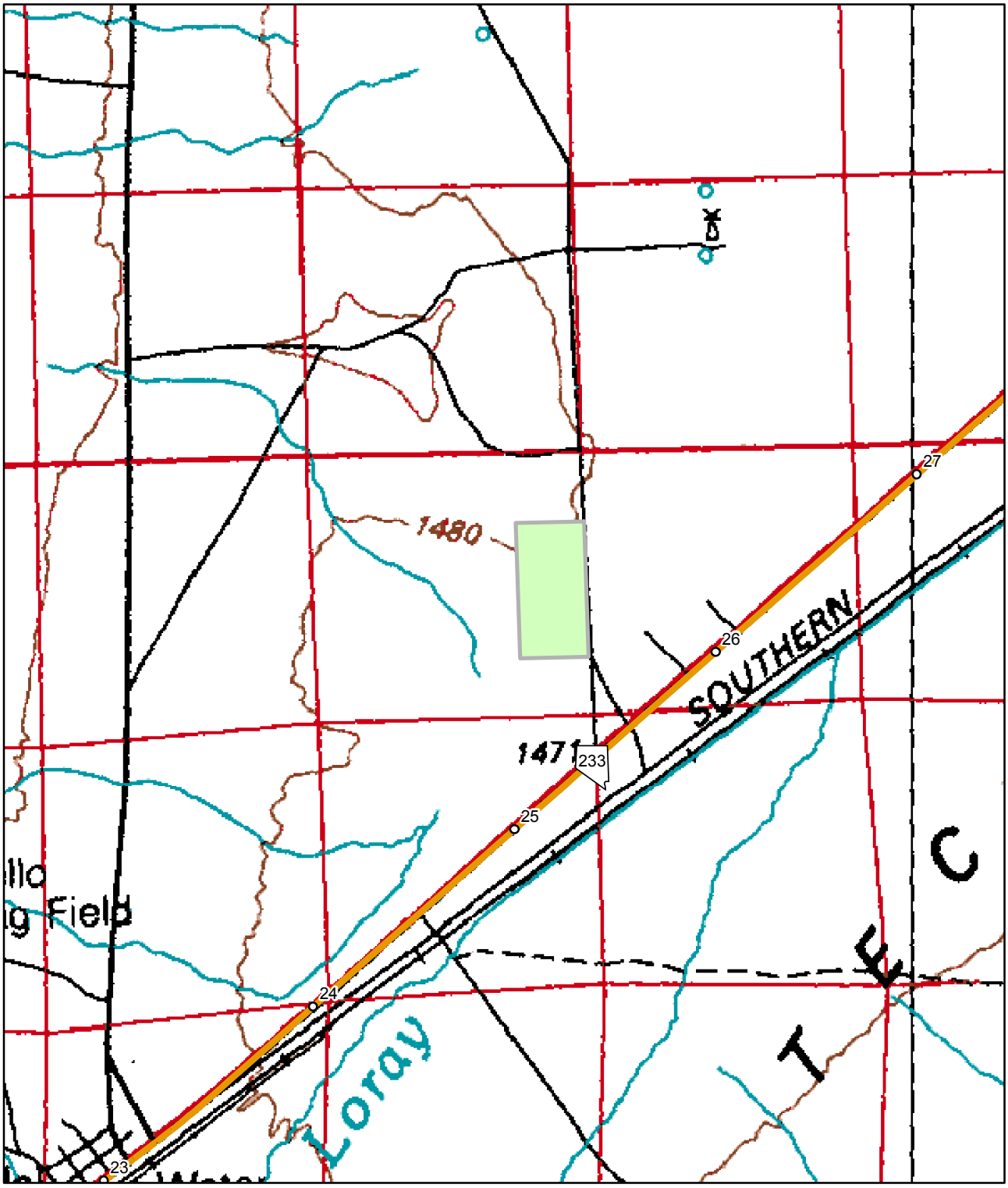



0 0.225 0.45 0.9 1.35 1.8 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # EL 36-02
# Site Location Map
# SR-233 EL 25.6

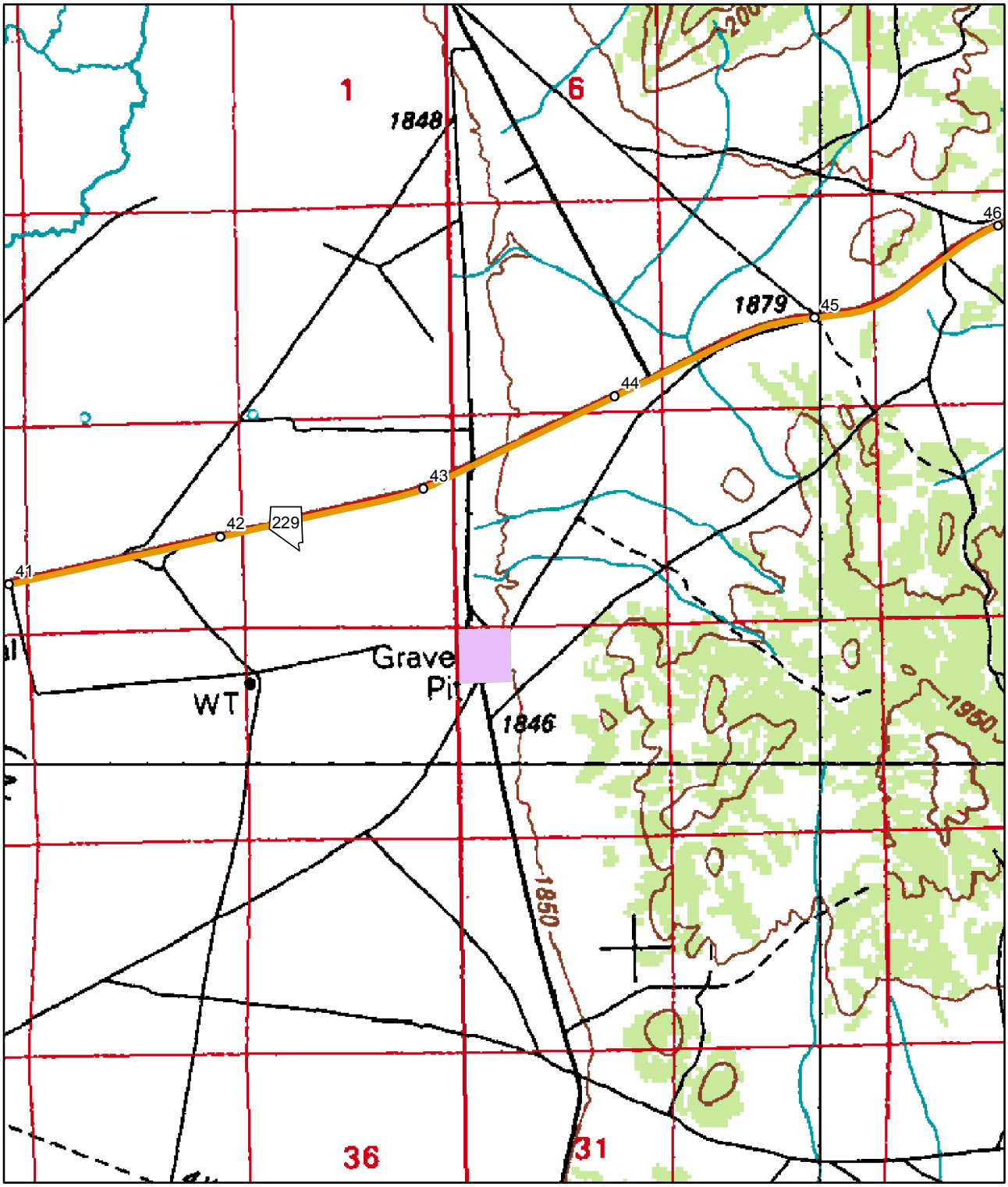



0 0.225 0.45 0.9 1.35 1.8 Miles

N W E S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # EL 37-01
# Site Location Map
# SR-229 EL 43.3

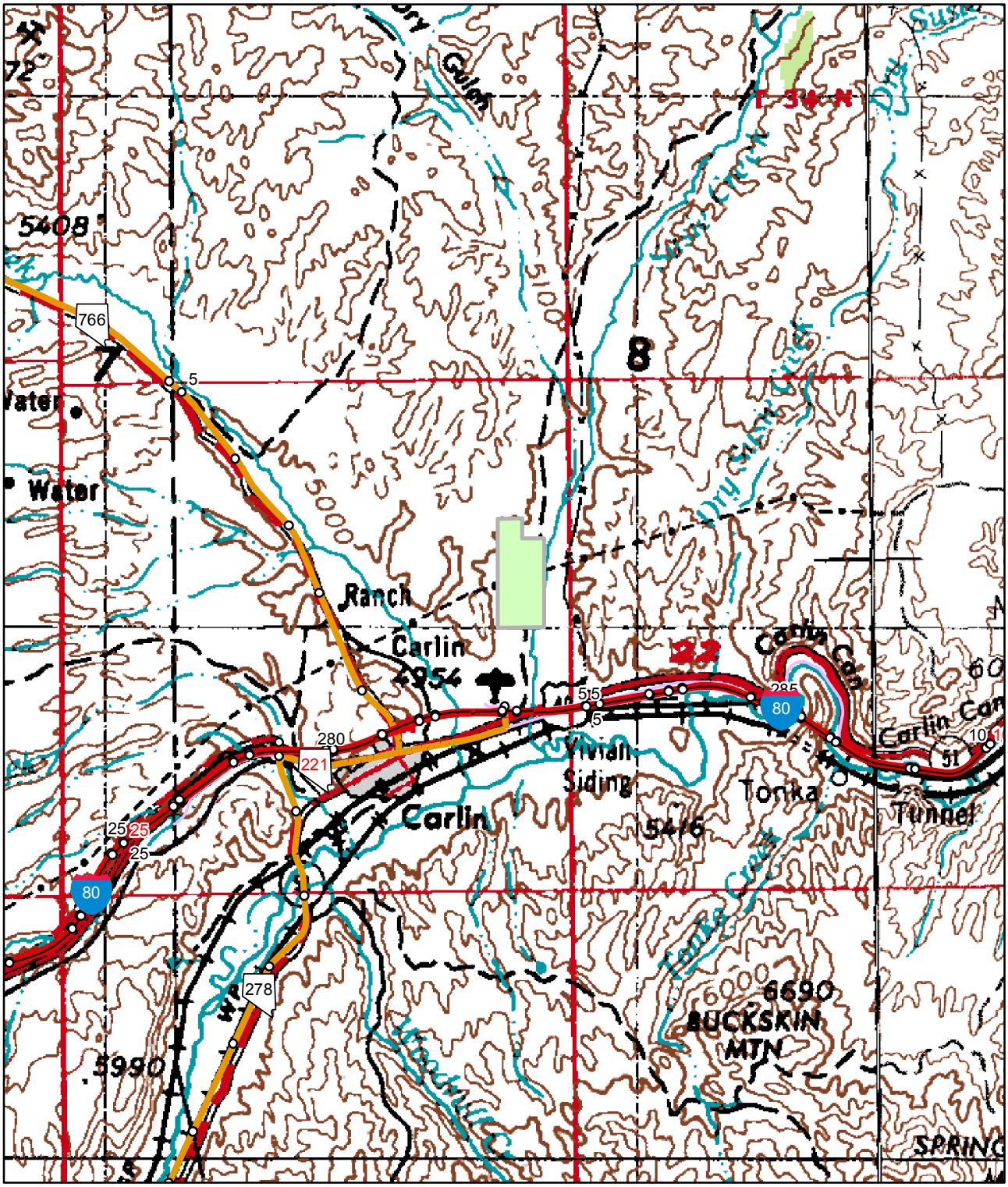



0 0.3 0.6 1.2 1.8 2.4 Miles

N
W E
S

The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # EL 81-01
# Site Location Map
# I-80 EL 4.1

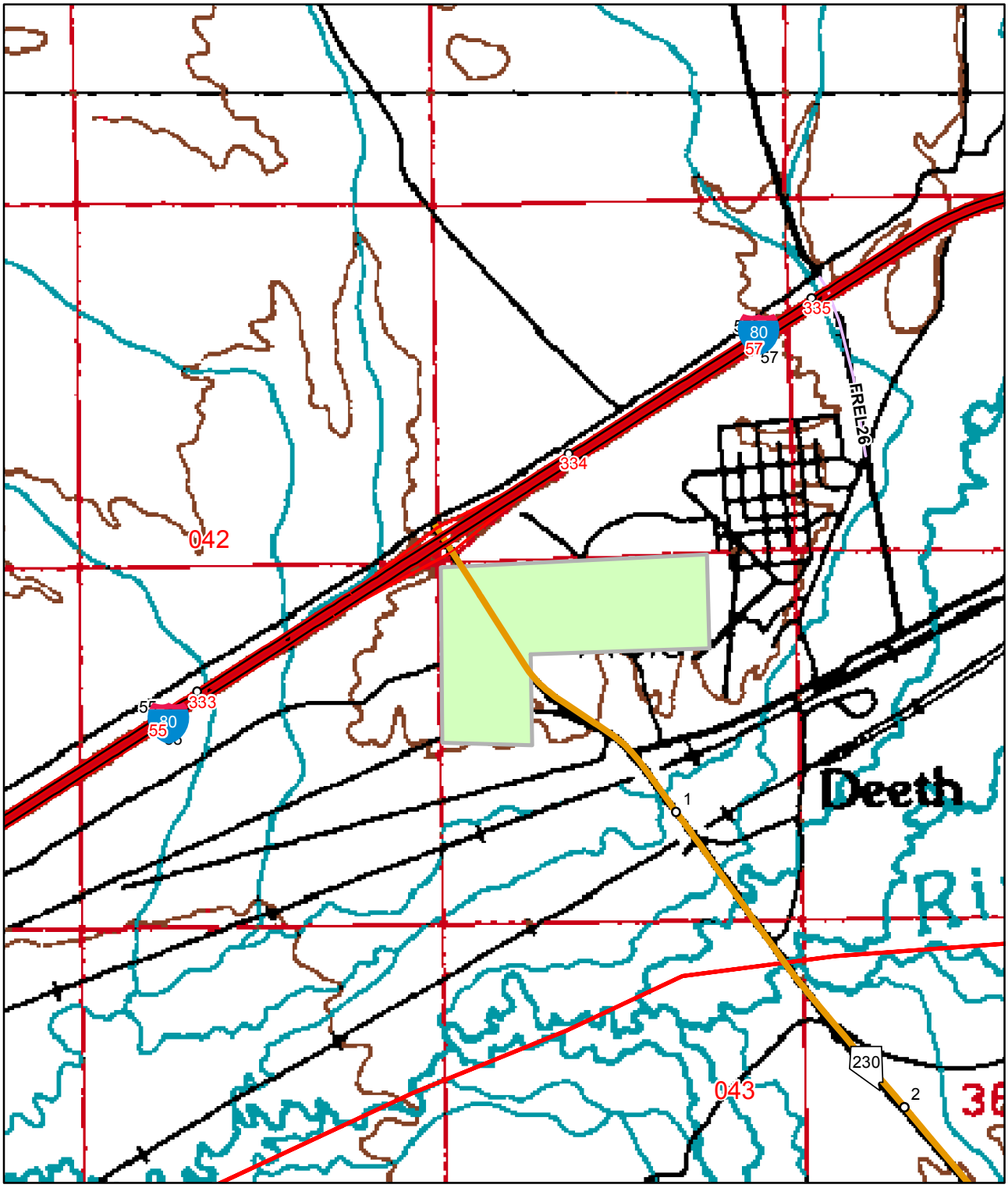



0 0.5 1 2 3 4 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # EL 83-01
# Site Location Map
# I-80 EL 59.0




The "green" shaded area represents the Pit Site Facility's property layout.

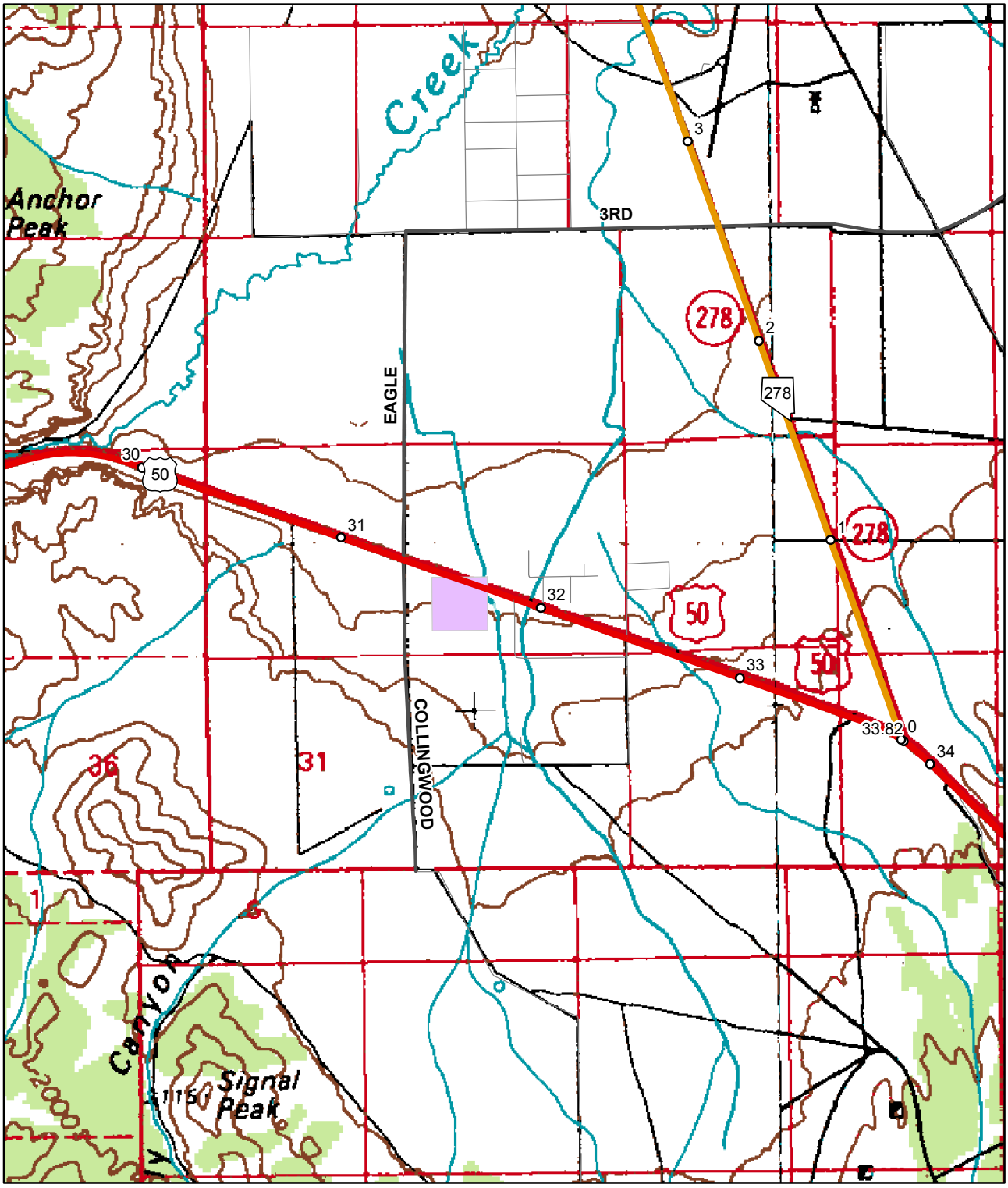
# Pit # EL 87-01
# Site Location Map
# I-80 EL 103.0

0 0.175 0.35 0.7 1.05 1.4 Miles

N
W E
S

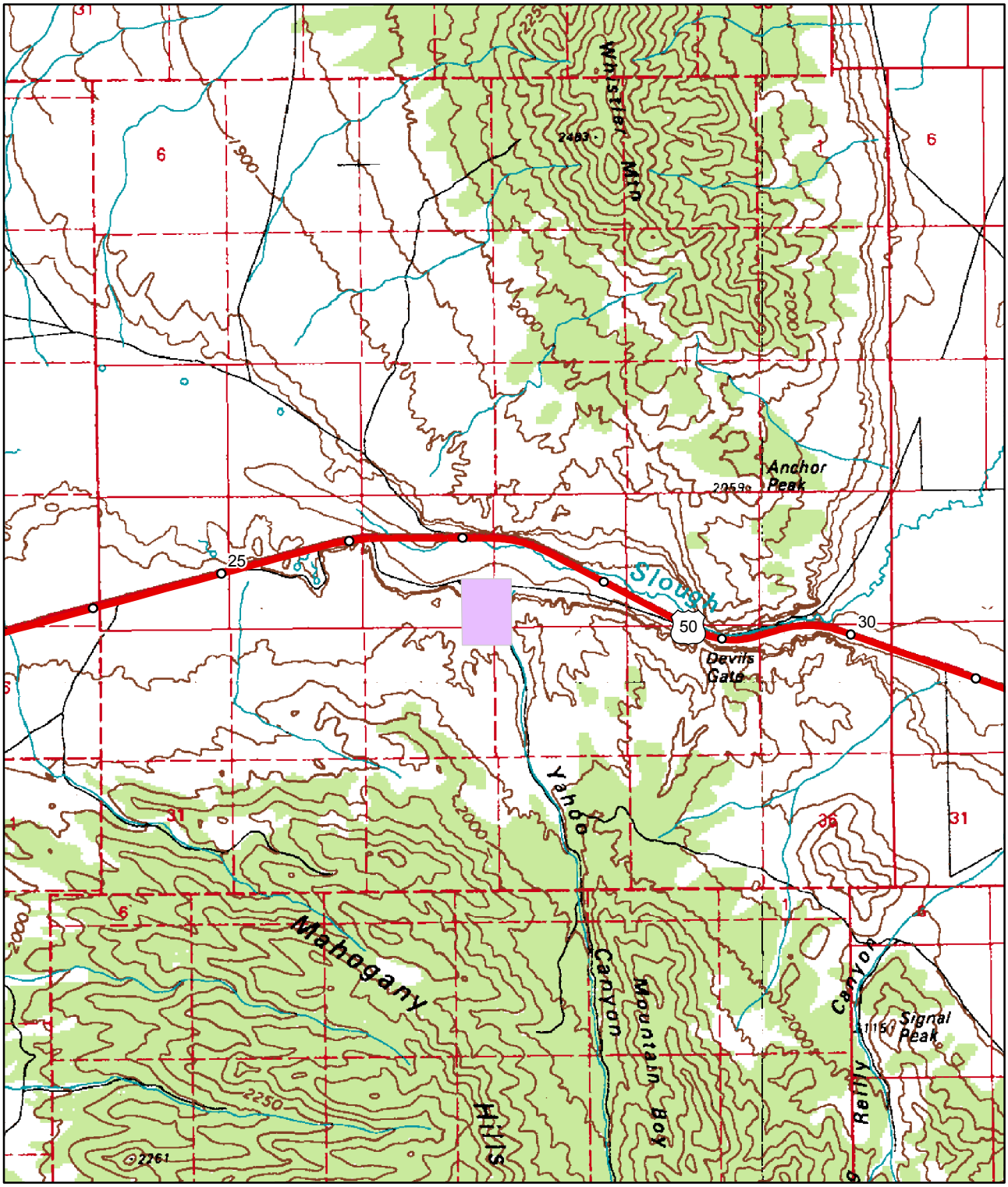
The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # EU 02-06
# Site Location Map
# US-50 EU 31.6



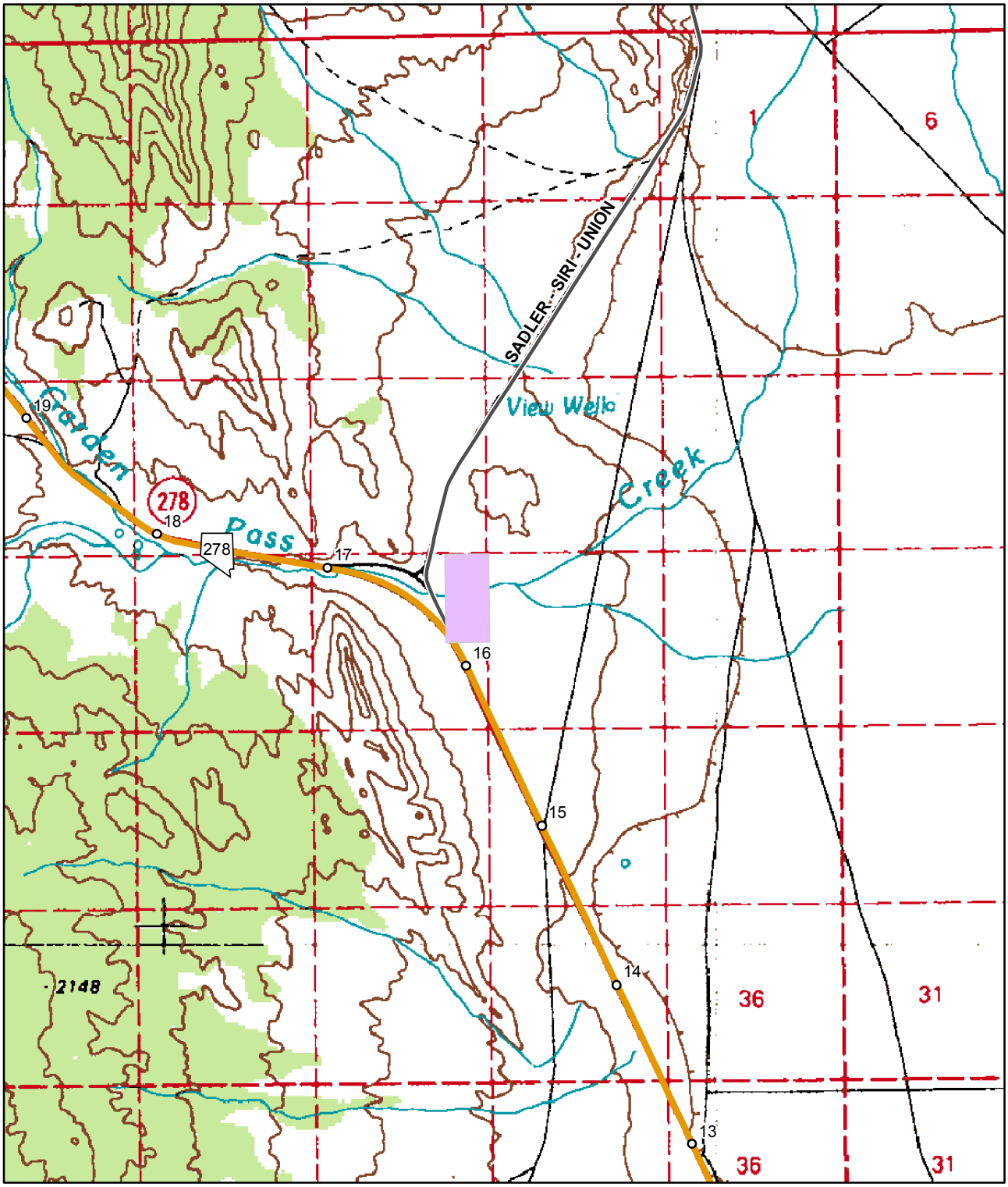

The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # EU 02-09
# Site Location Map
# US-50 EU 26.2




The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # EU 05-02
# Site Location Map
# SR-278 EU 16.0

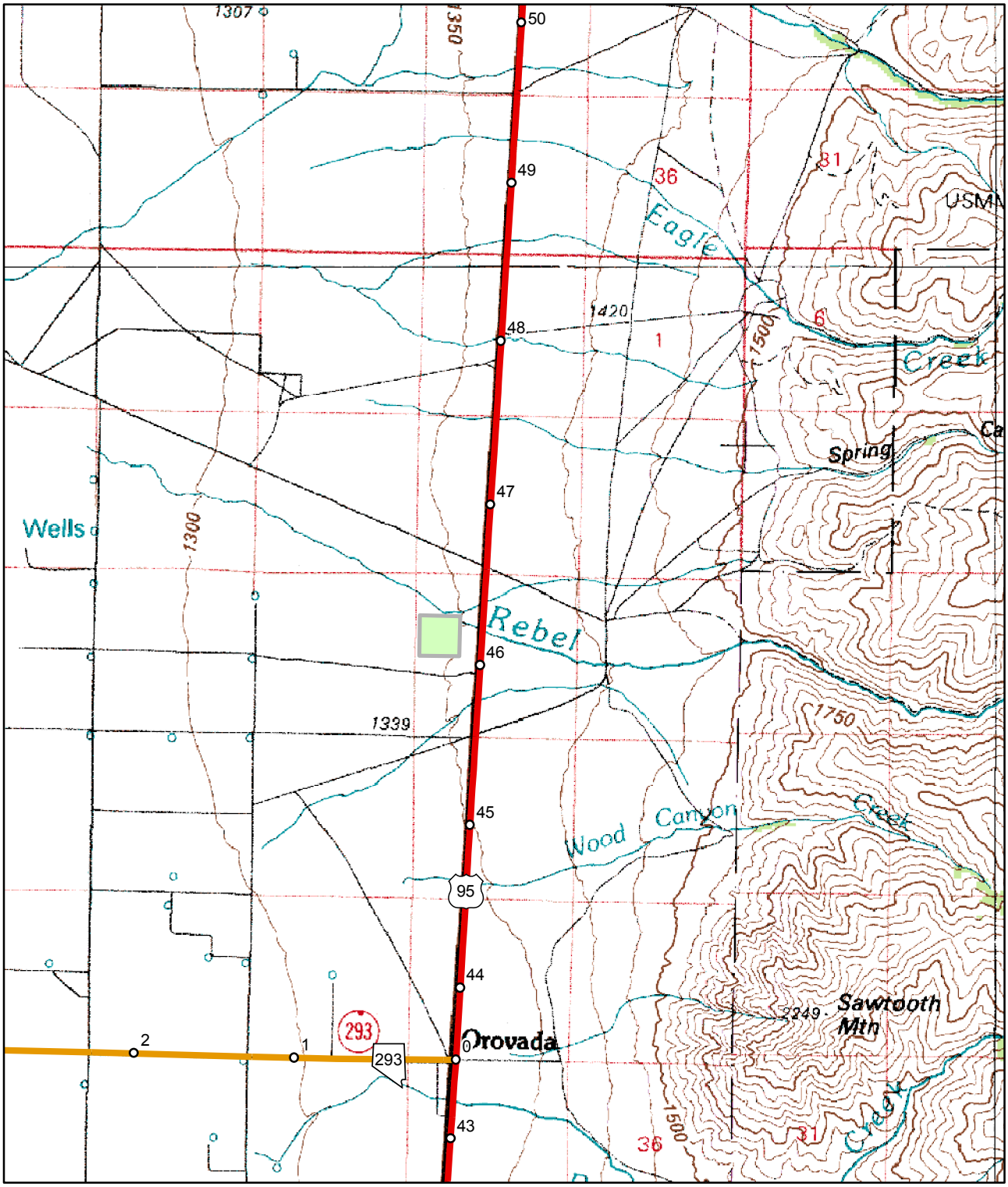



0 0.35 0.7 1.4 2.1 2.8 Miles

N W E S

The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # HU 06-03
# Site Location Map
# US-95 HU 46.1

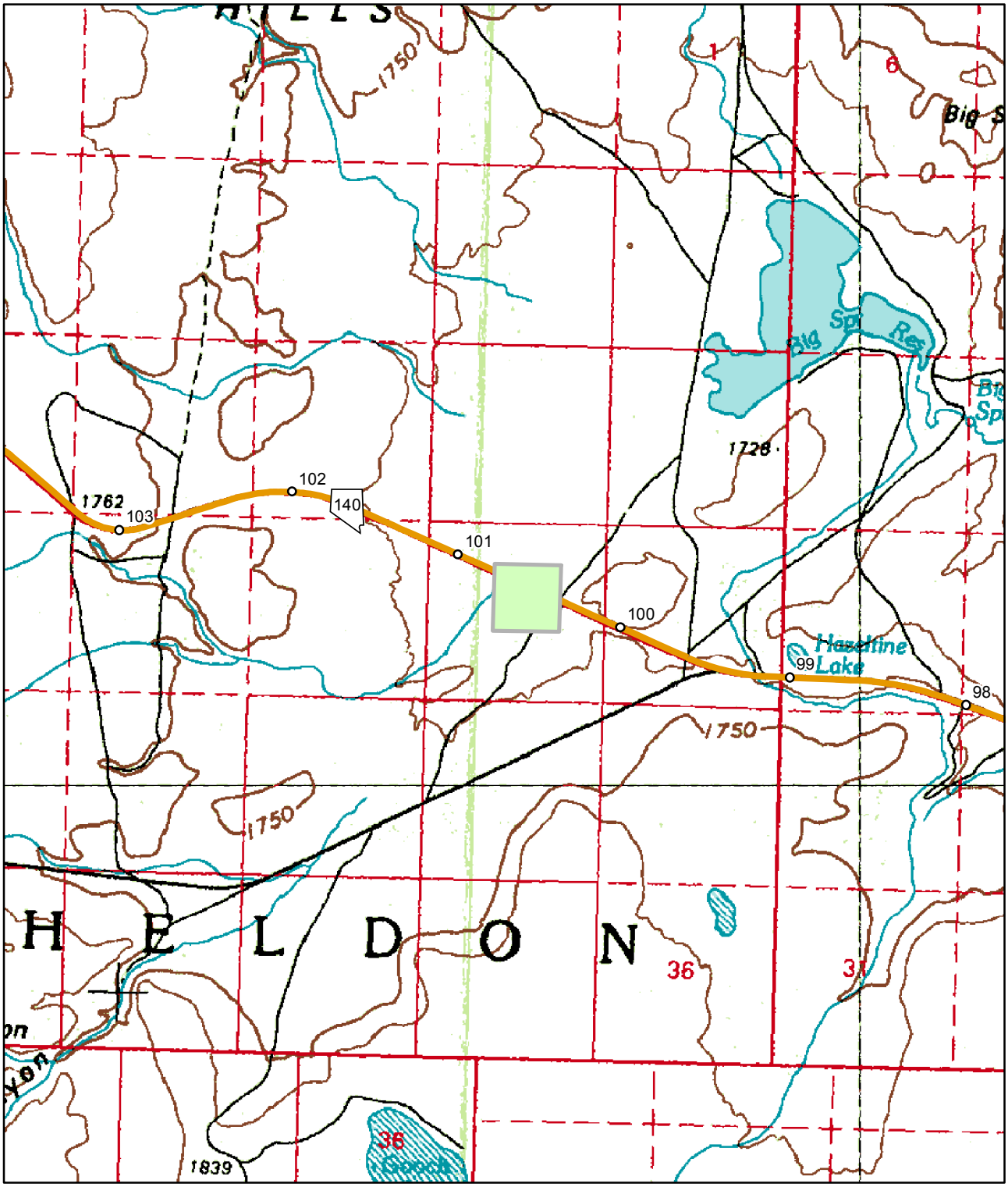



0 0.375 0.75 1.5 2.25 3 Miles

N
W E
S

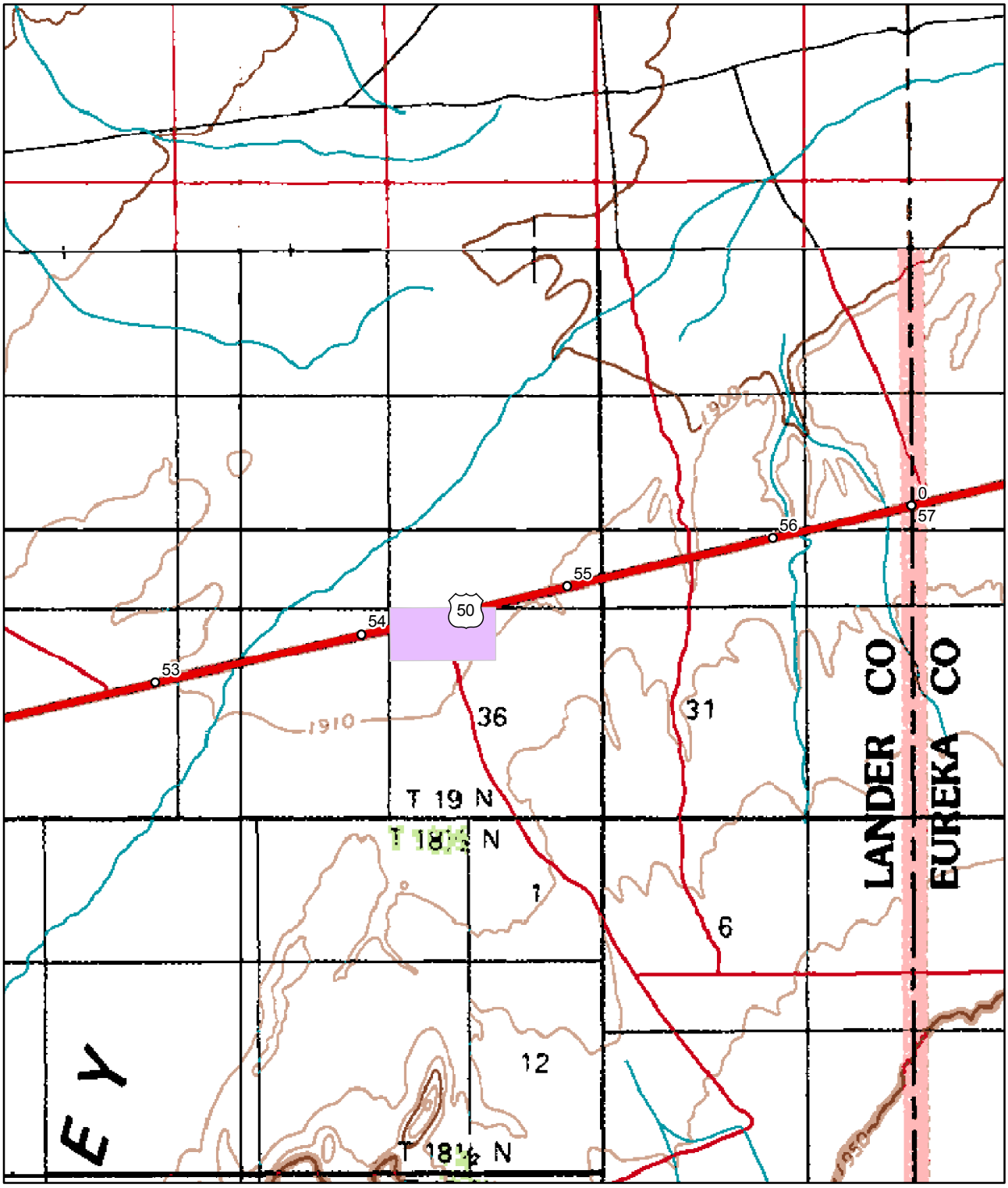
The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # HU 28-01
# Site Location Map
# SR-140 HU 100.6



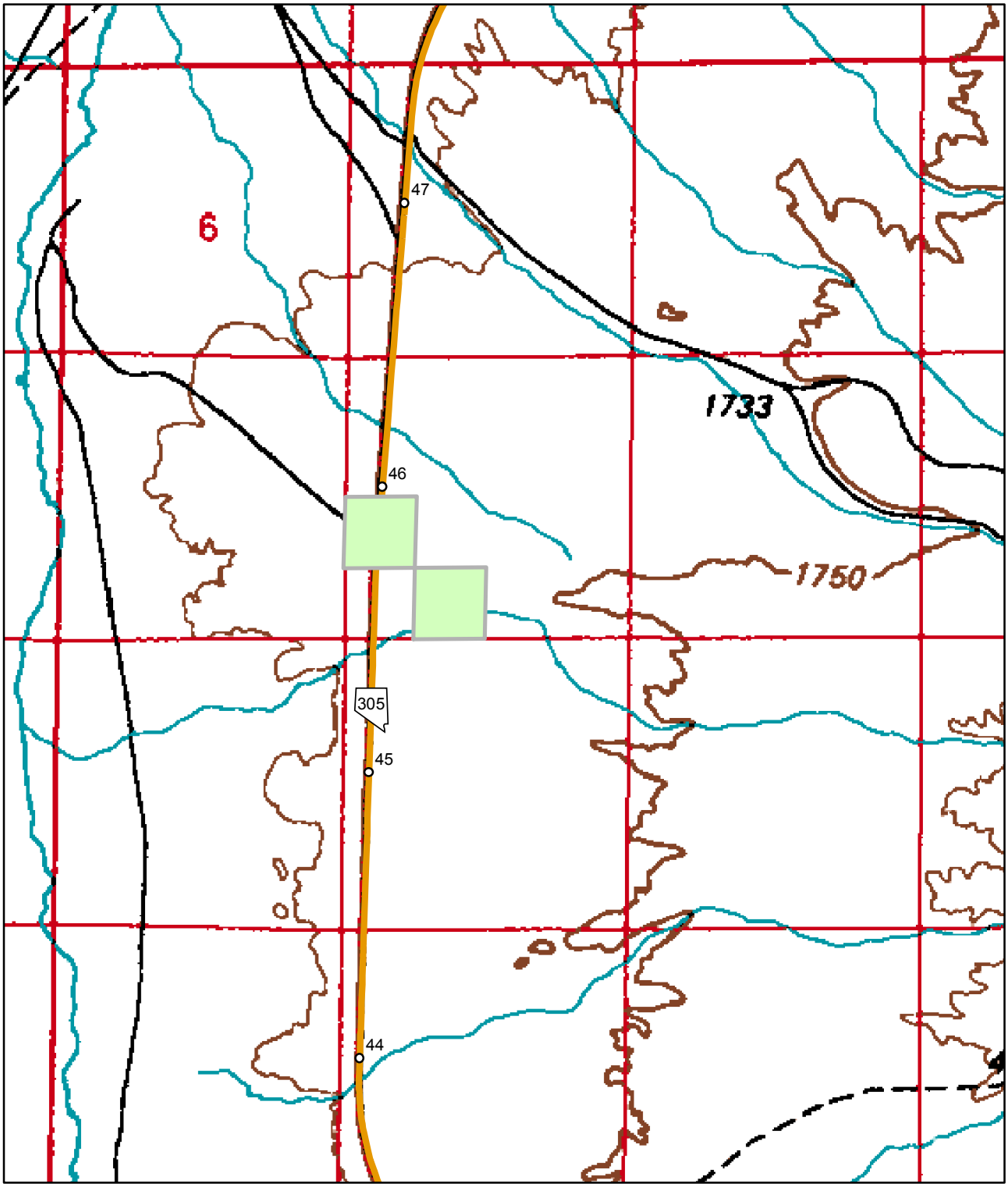

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # LA 06-02
# Site Location Map
# US-50 LA 54.2




The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # LA 08-04
# Site Location Map
# SR-305 LA 45.5

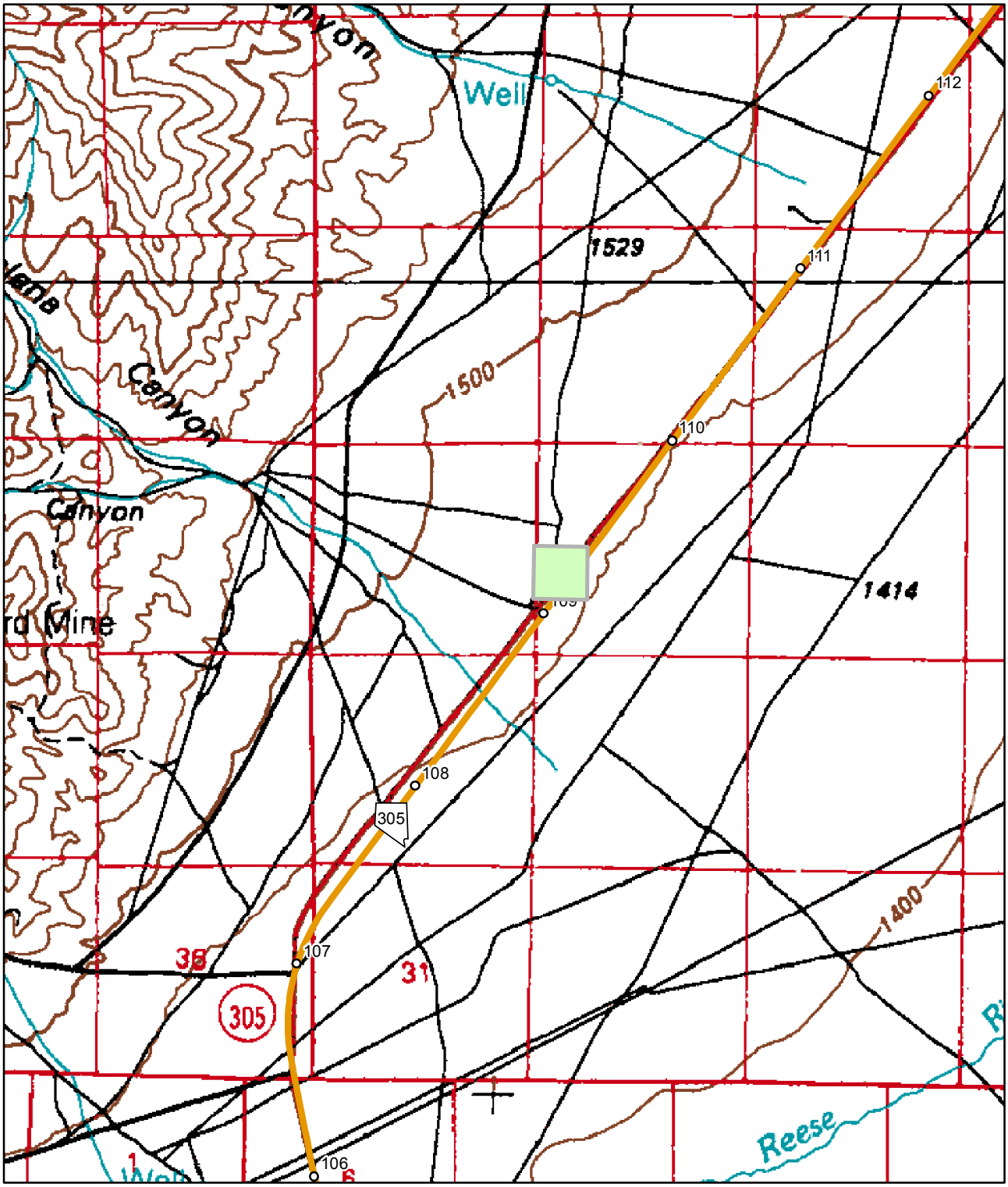



0 0.2 0.4 0.8 1.2 1.6 Miles

N W E S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # LA 10-11
# Site Location Map
# SR-305 LA 109.2

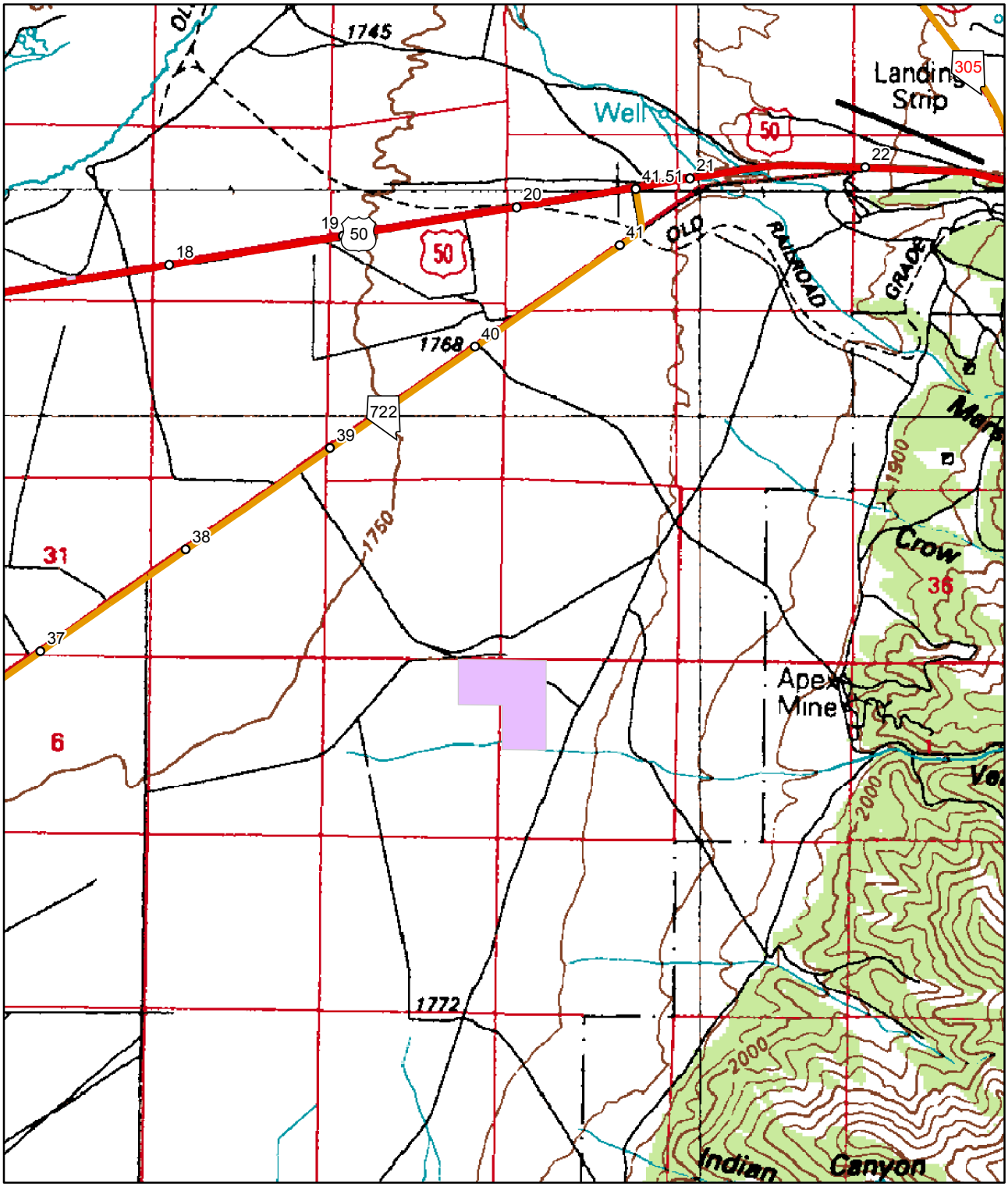



0 0.275 0.55 1.1 1.65 2.2 Miles

N W E S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # LA 14-01
# Site Location Map
# SR-722 LA 39.0

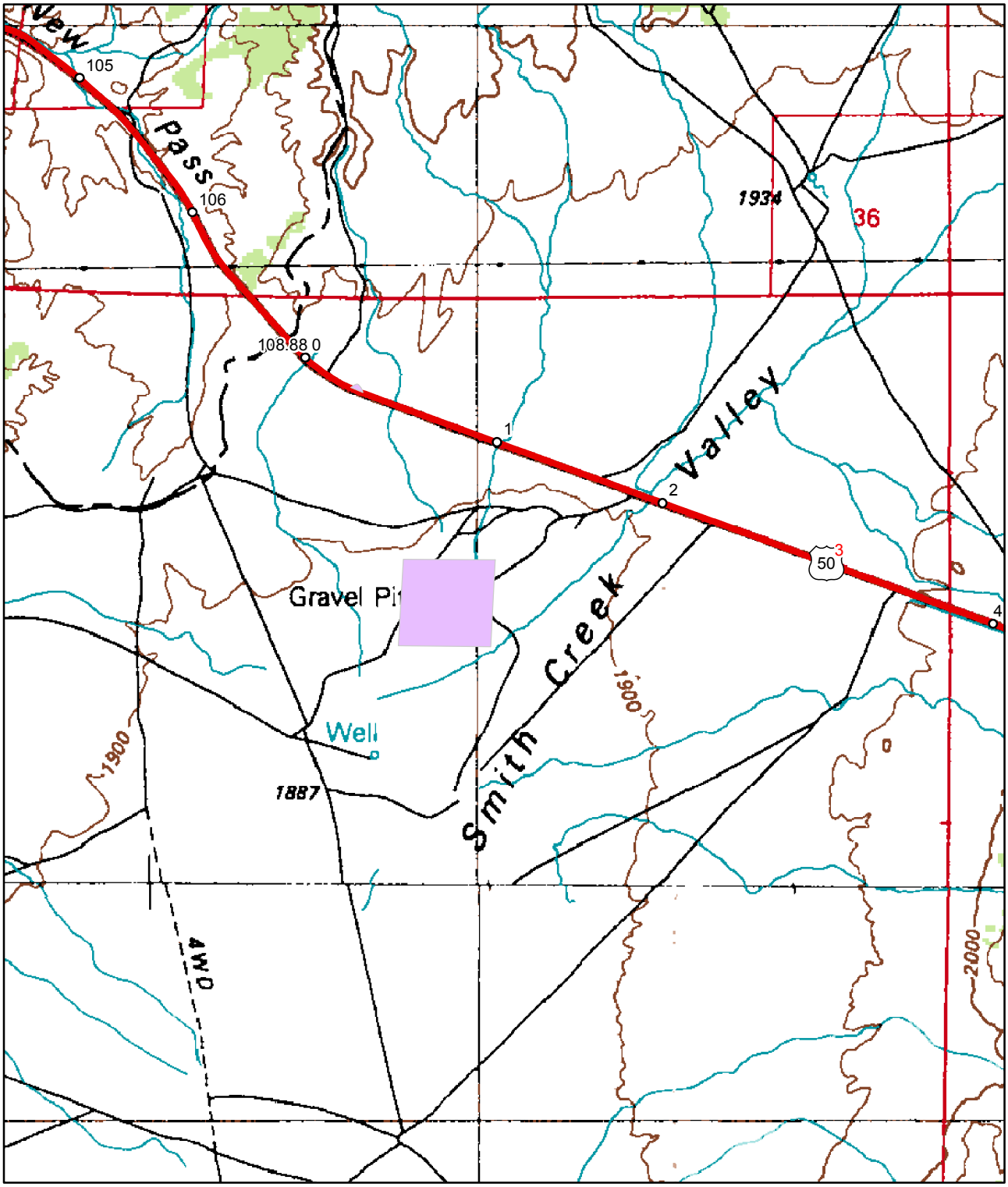



0 0.35 0.7 1.4 2.1 2.8 Miles

N
W E
S

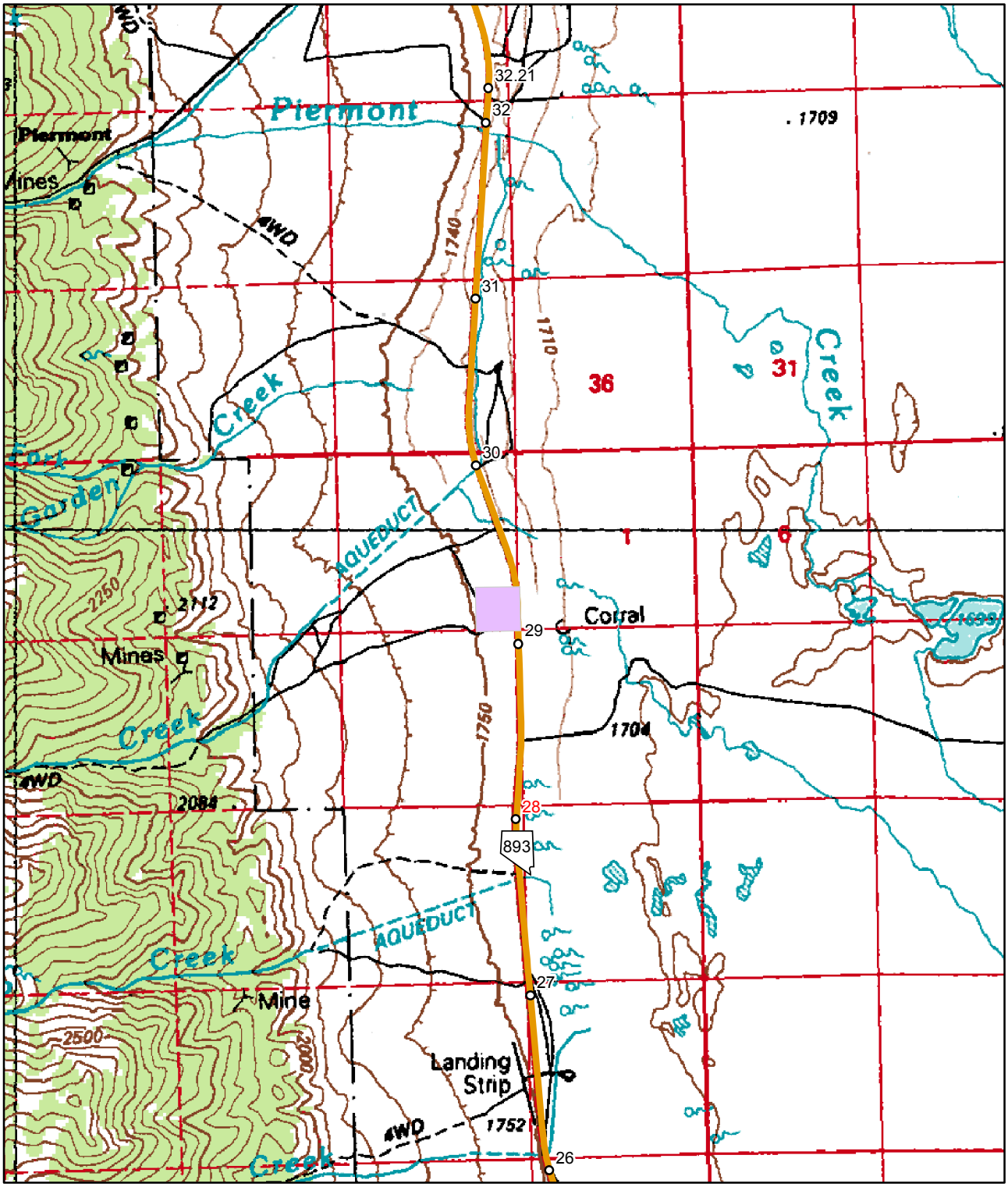
The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # LA 19-03
# Site Location Map
# US-50 LA 1.9




The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # NEV004750
# Site Location Map
# SR-893 WP 29.0

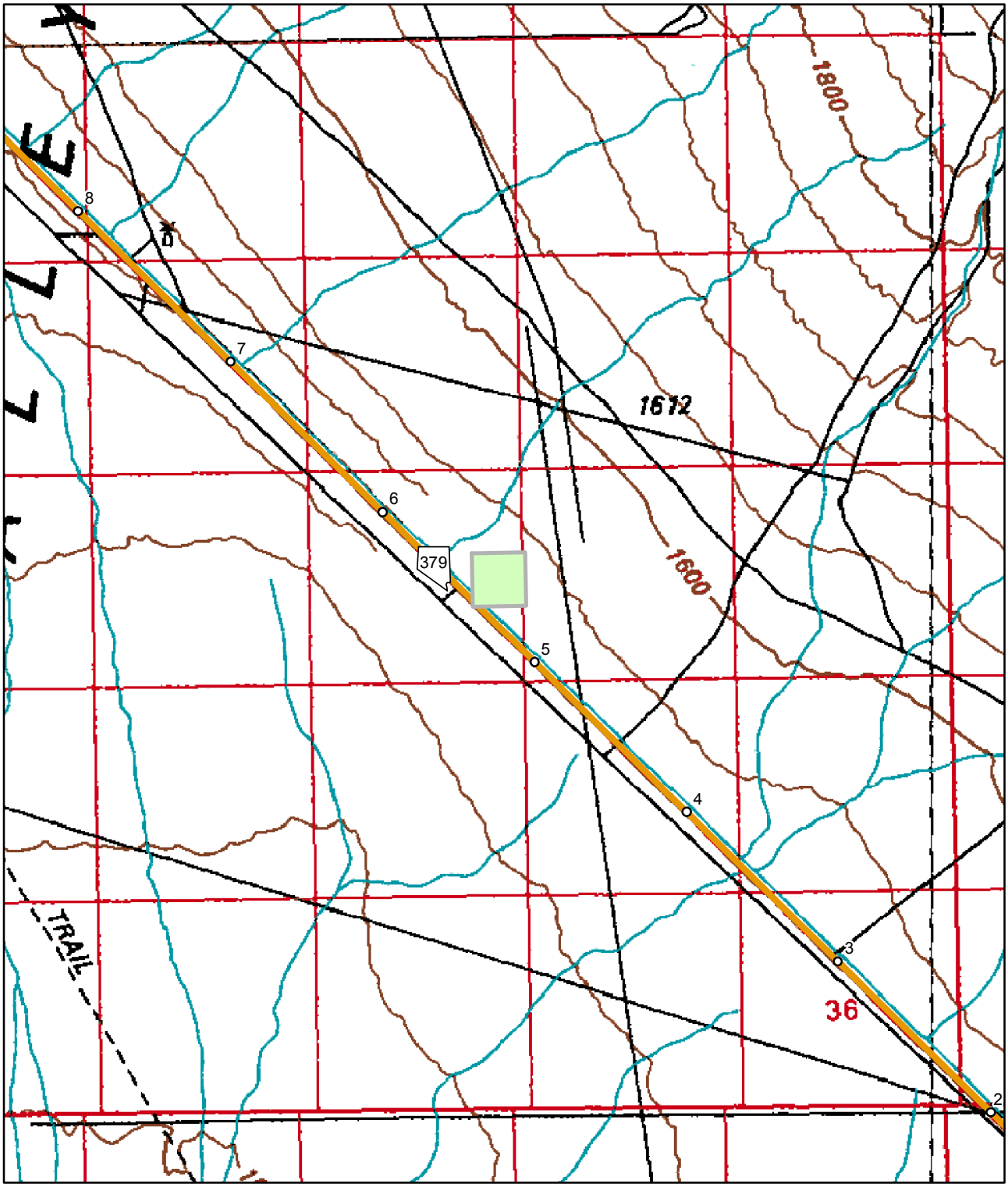



0 0.35 0.7 1.4 2.1 2.8 Miles

N
W E
S

The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # NY 20-01
# Site Location Map
# SR-379 NY 5.4

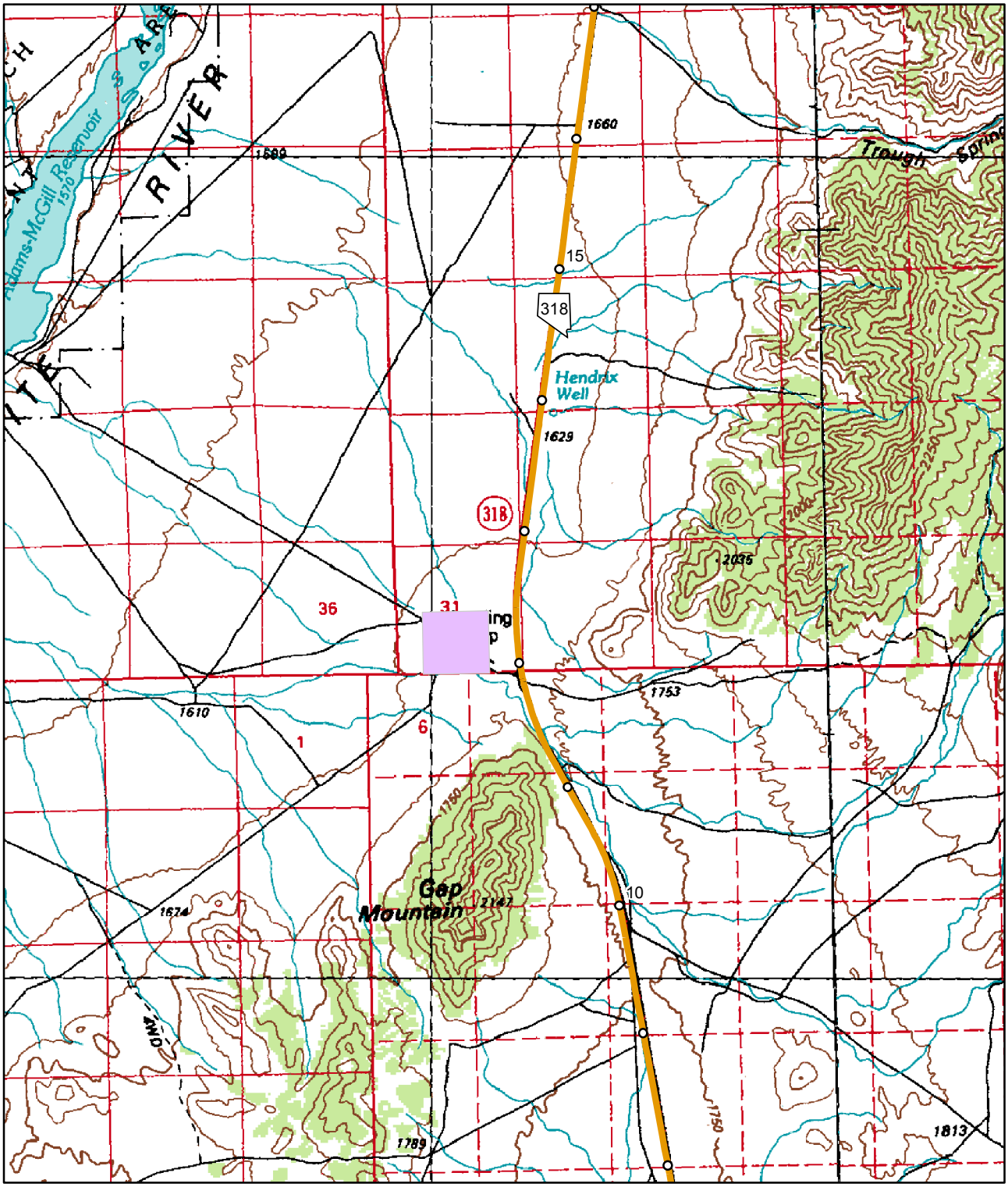



0 0.275 0.55 1.1 1.65 2.2 Miles

N W E S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # NY 33-20
# Site Location Map
# SR-318 NY 12.0

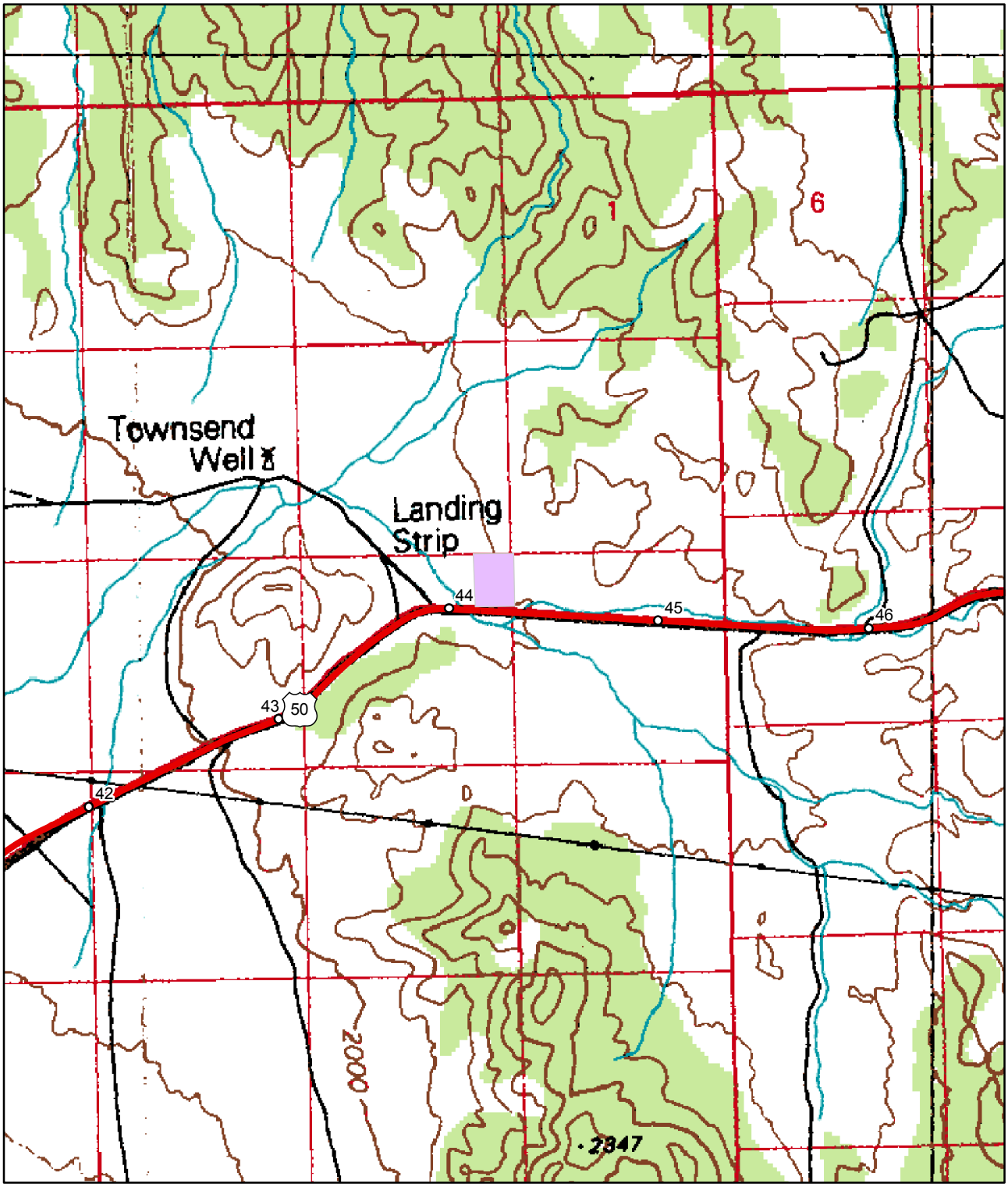



0 0.475 0.95 1.9 2.85 3.8 Miles

N
W E
S

The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # WP 01-06
# Site Location Map
# US-50 WP 44.0

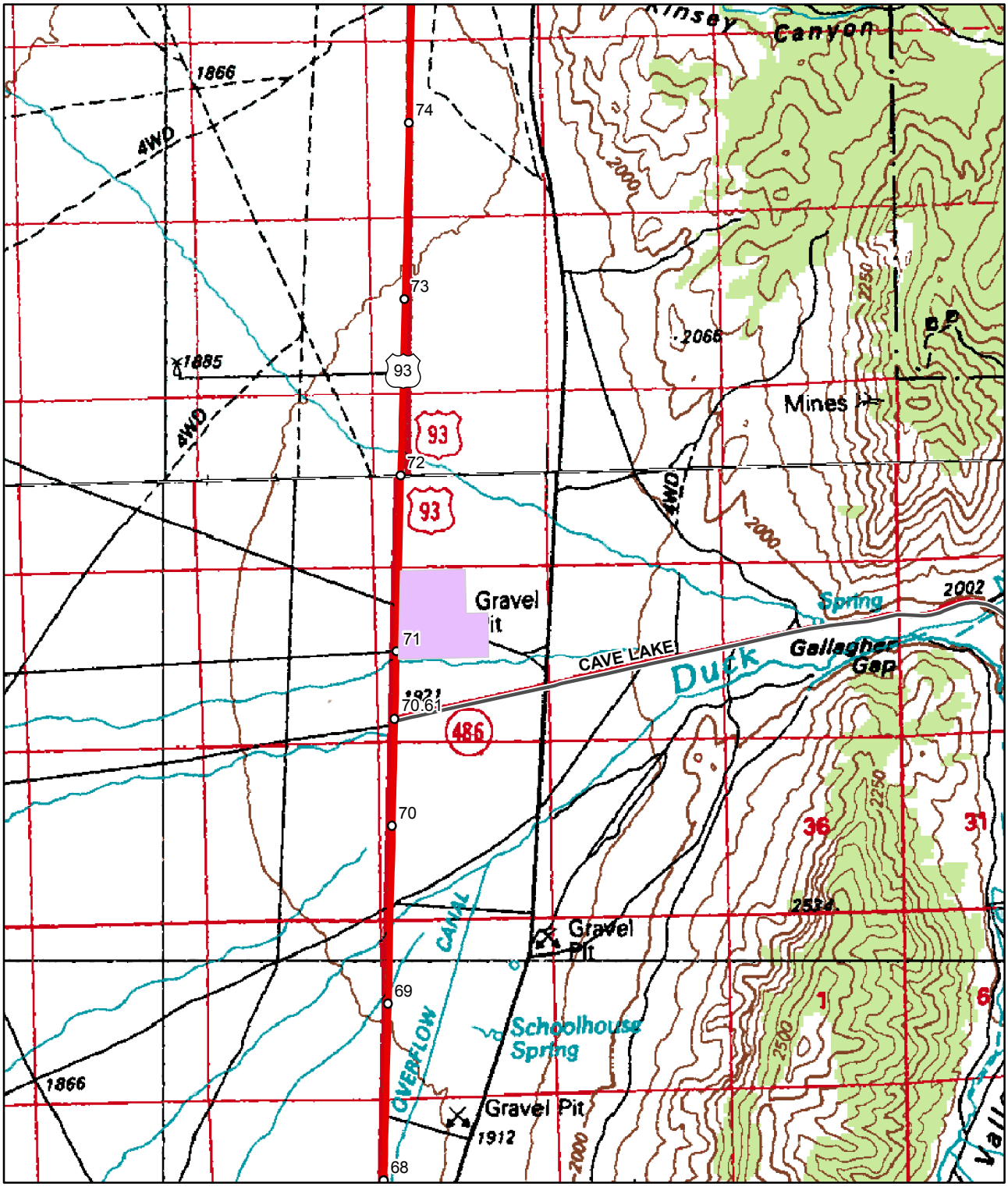



0 0.3 0.6 1.2 1.8 2.4 Miles

N
W E
S

The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # WP 05-01
# Site Location Map
# US-93 WP 71.0

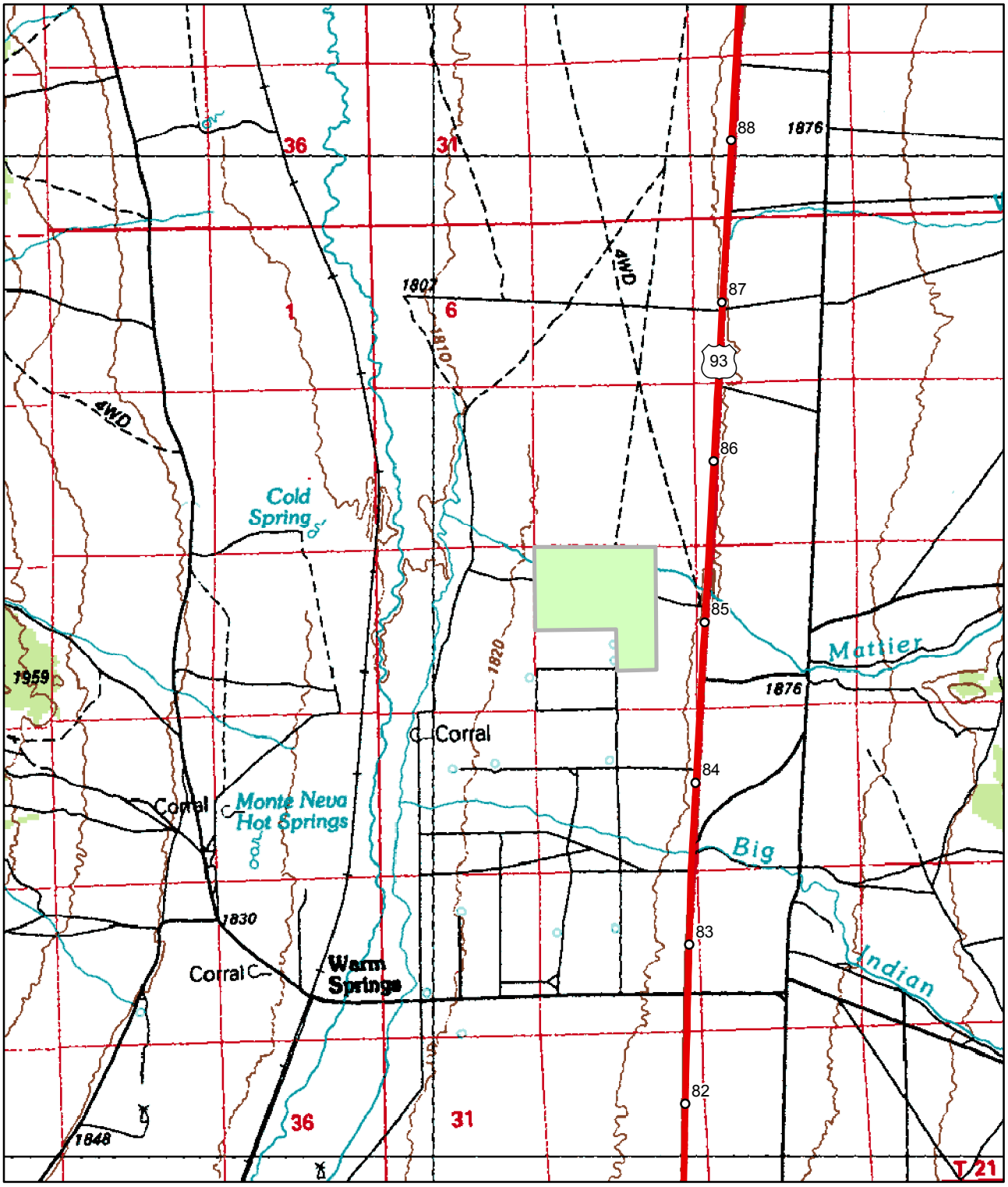



0 0.35 0.7 1.4 2.1 2.8 Miles

N
W E
S

The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # WP 05-04
# Site Location Map
# US-93 WP 85.0

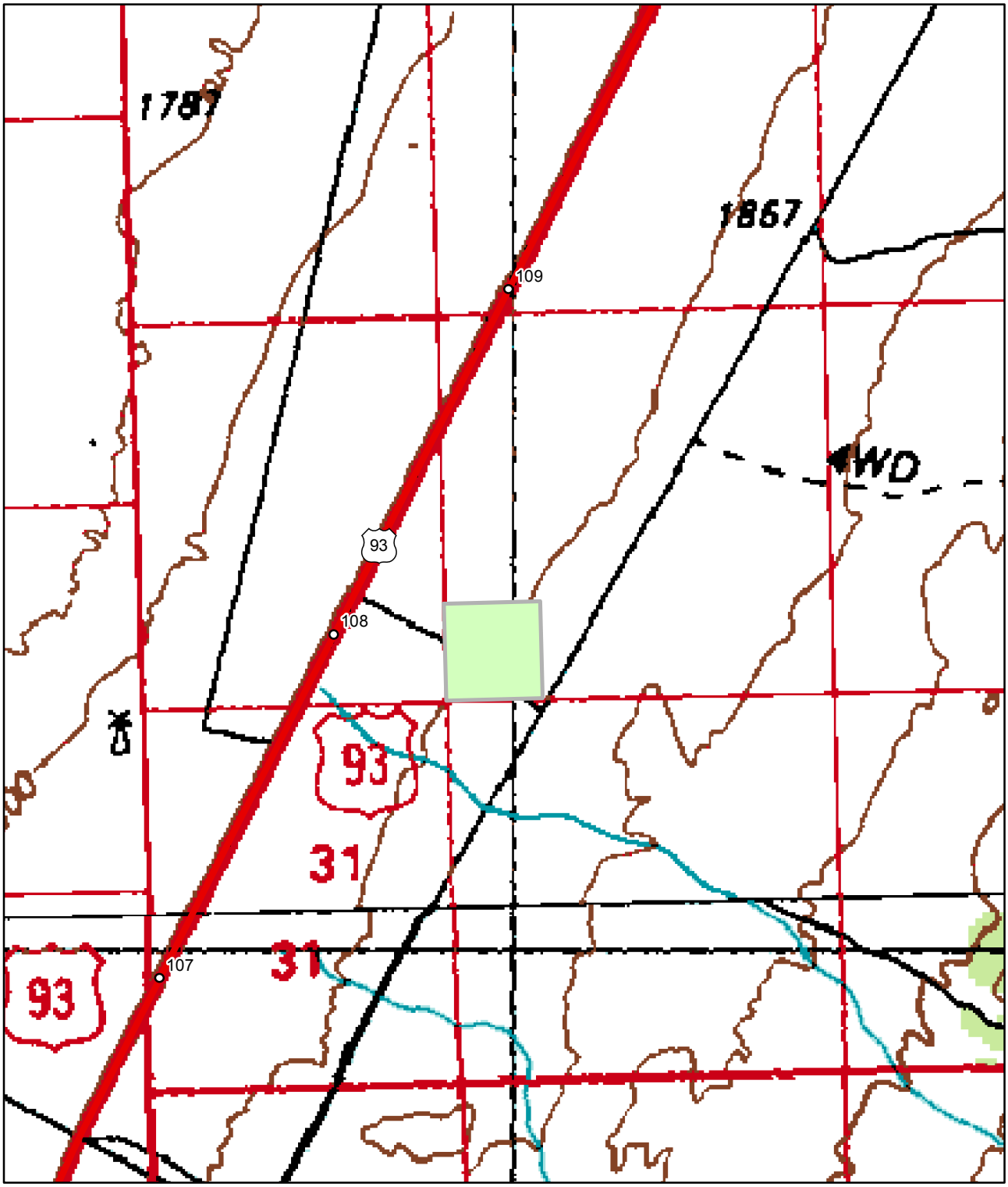



0 0.375 0.75 1.5 2.25 3 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # WP 06-02
# Site Location Map
# US-93 WP 108.0

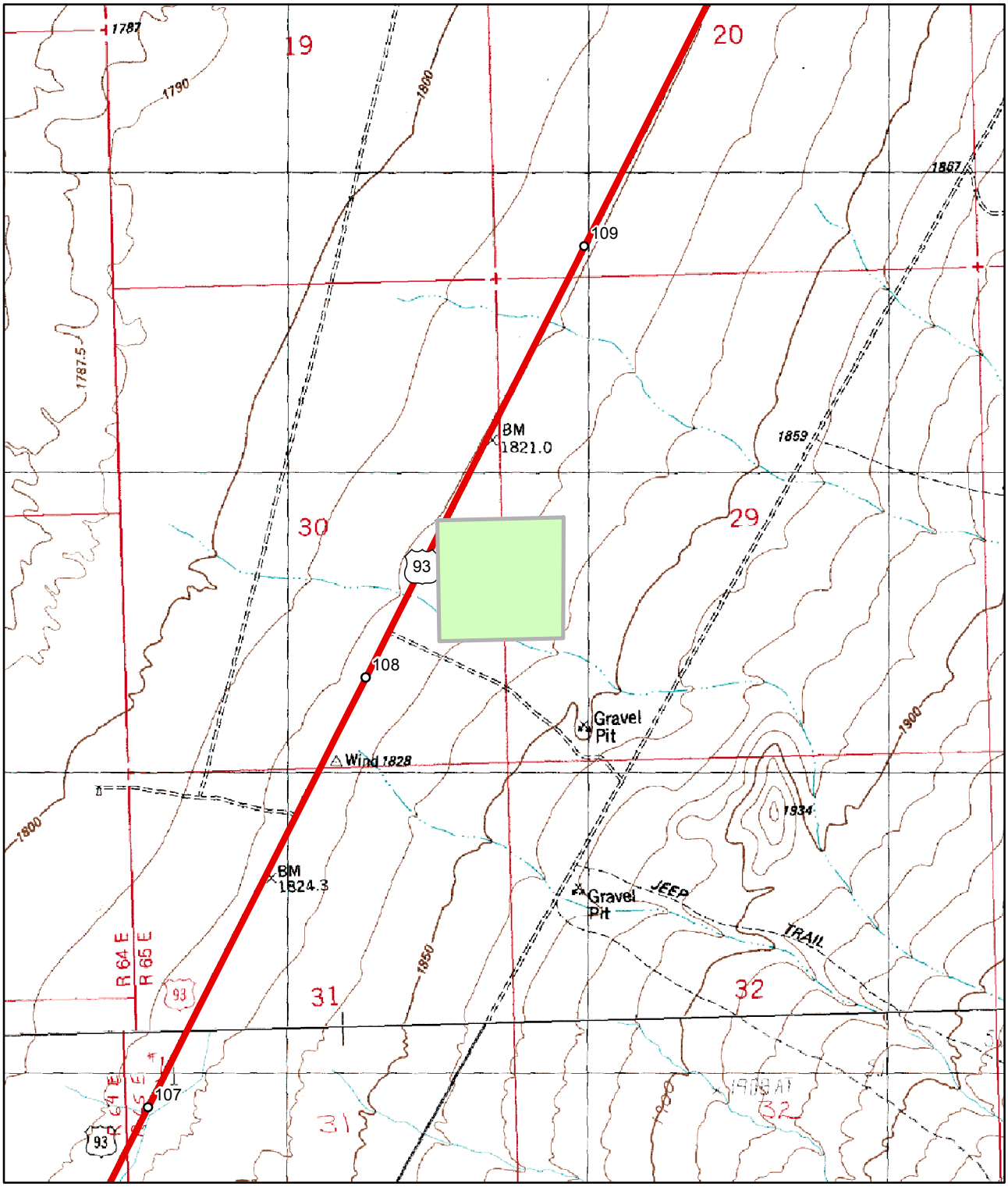



0 0.15 0.3 0.6 0.9 1.2 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # WP 06-03
# Site Location Map
# US-93 WP 108.0

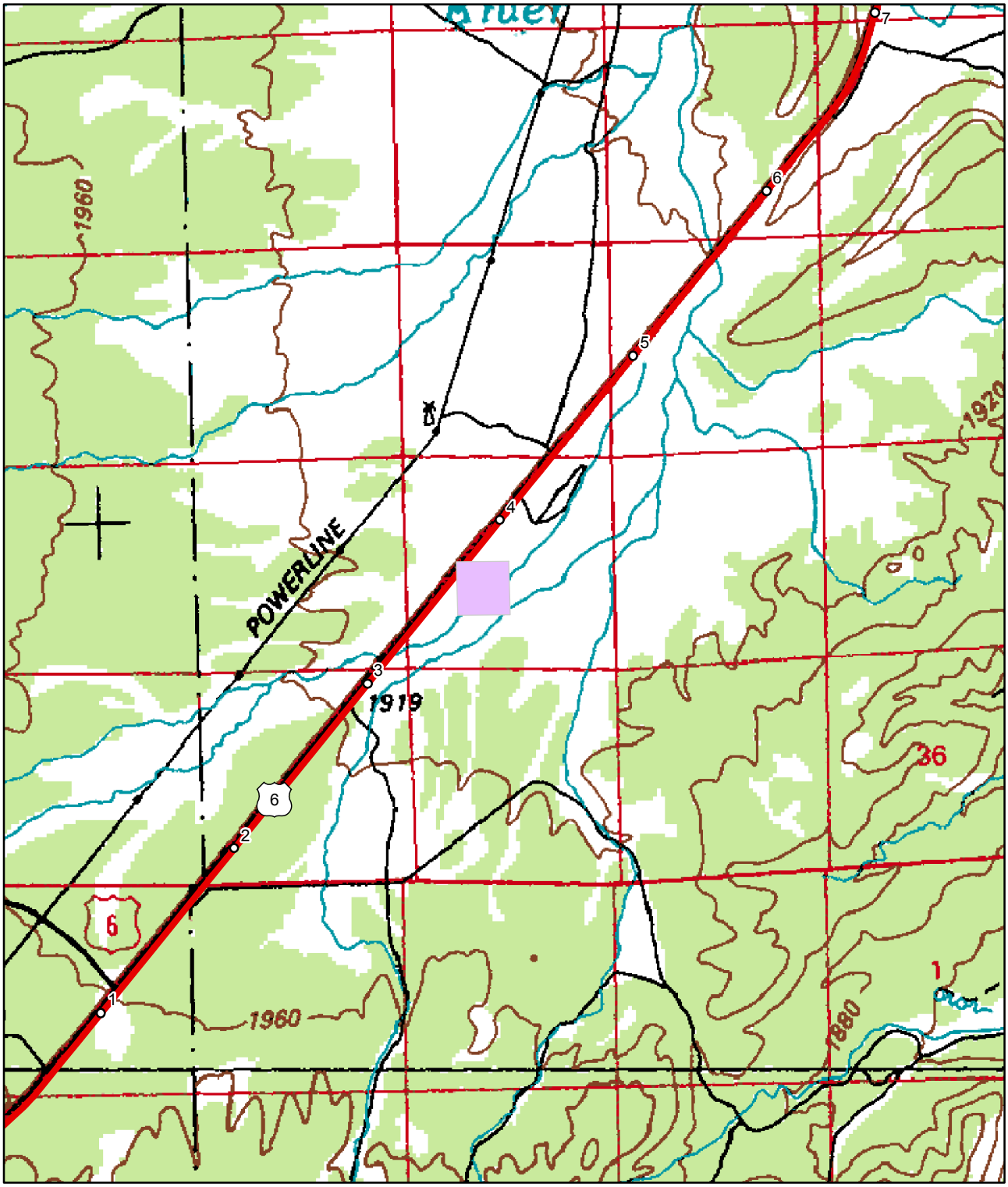



0 0.125 0.25 0.5 0.75 1 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # WP 08-03
# Site Location Map
# US-6 WP 3.8

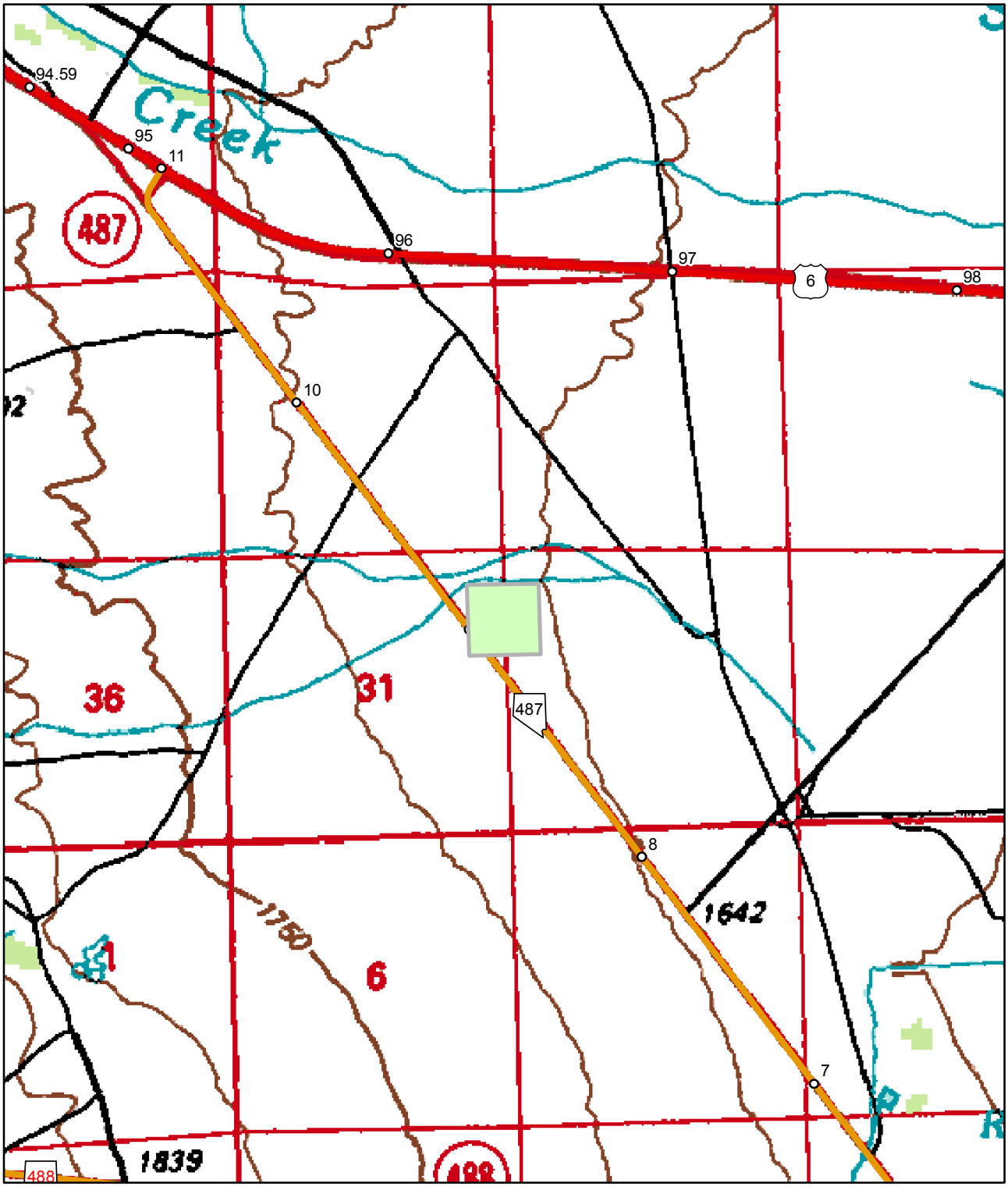



0 0.3 0.6 1.2 1.8 2.4 Miles

N W E S

The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # WP 21-02
# Site Location Map
# SR-487 WP 9.0

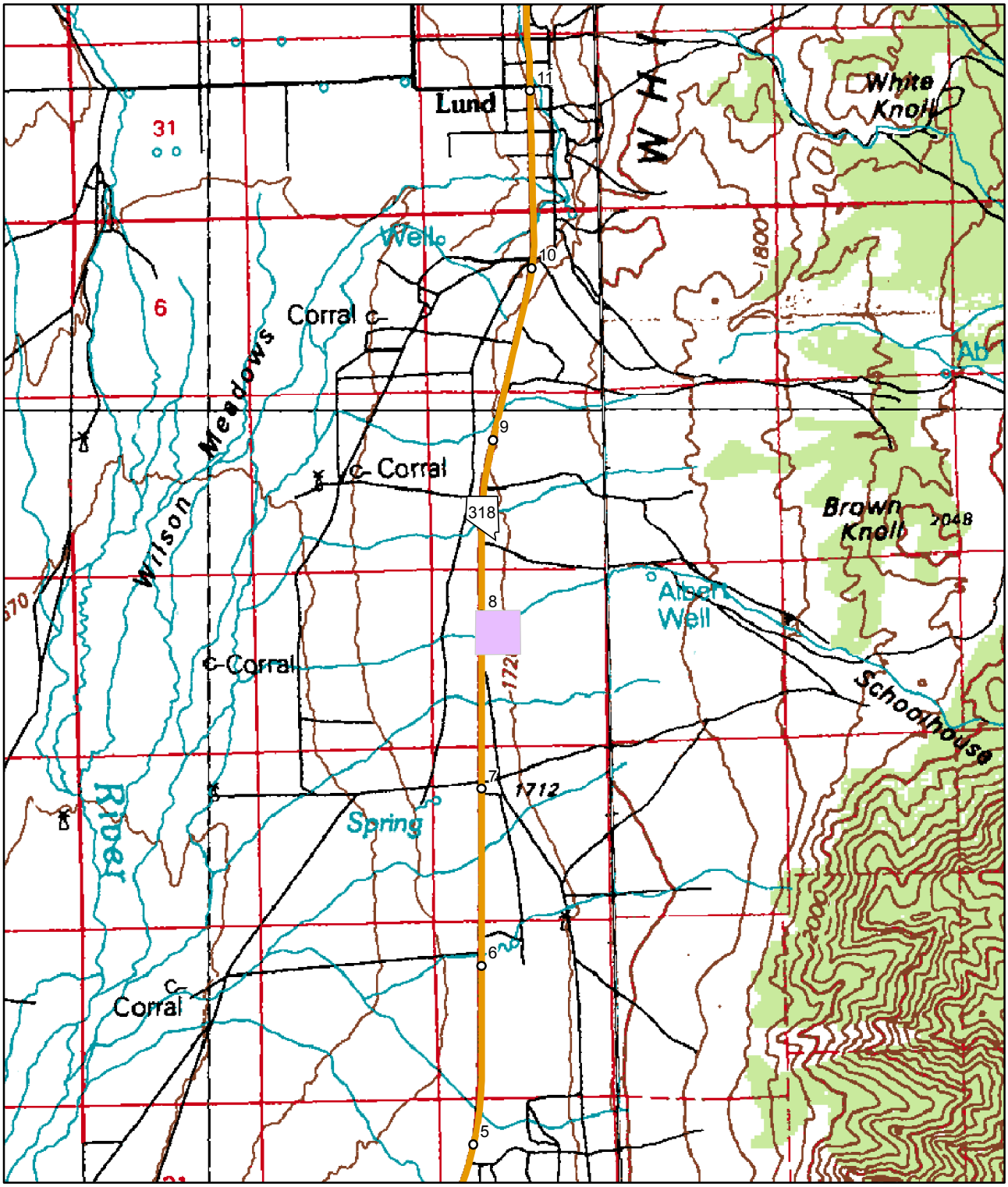



0 0.2 0.4 0.8 1.2 1.6 Miles

N
W E
S

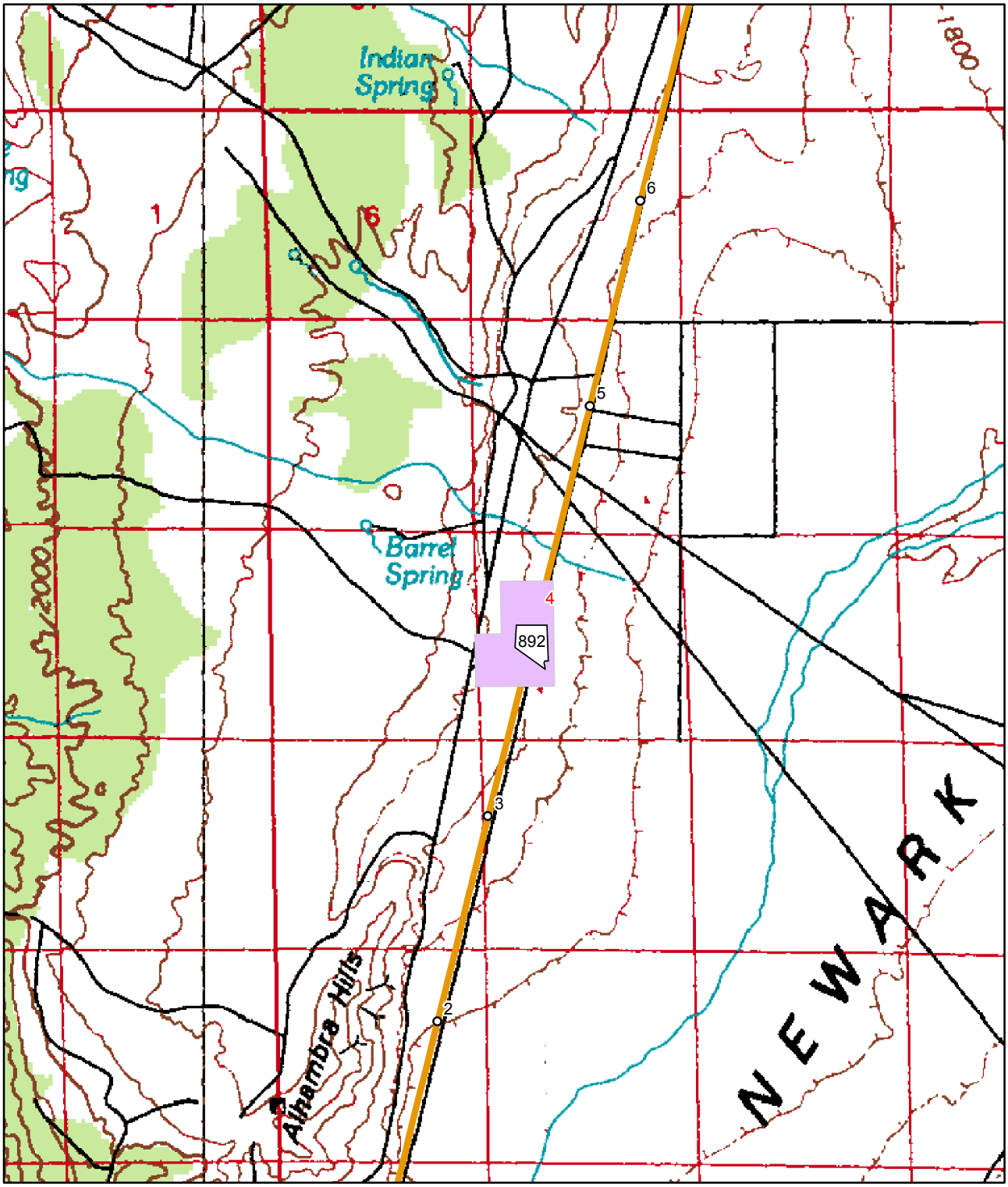
The "green" shaded area represents the Pit Site Facility's property layout.

# Pit # WP 24-02
# Site Location Map
# SR-318 WP 7.9



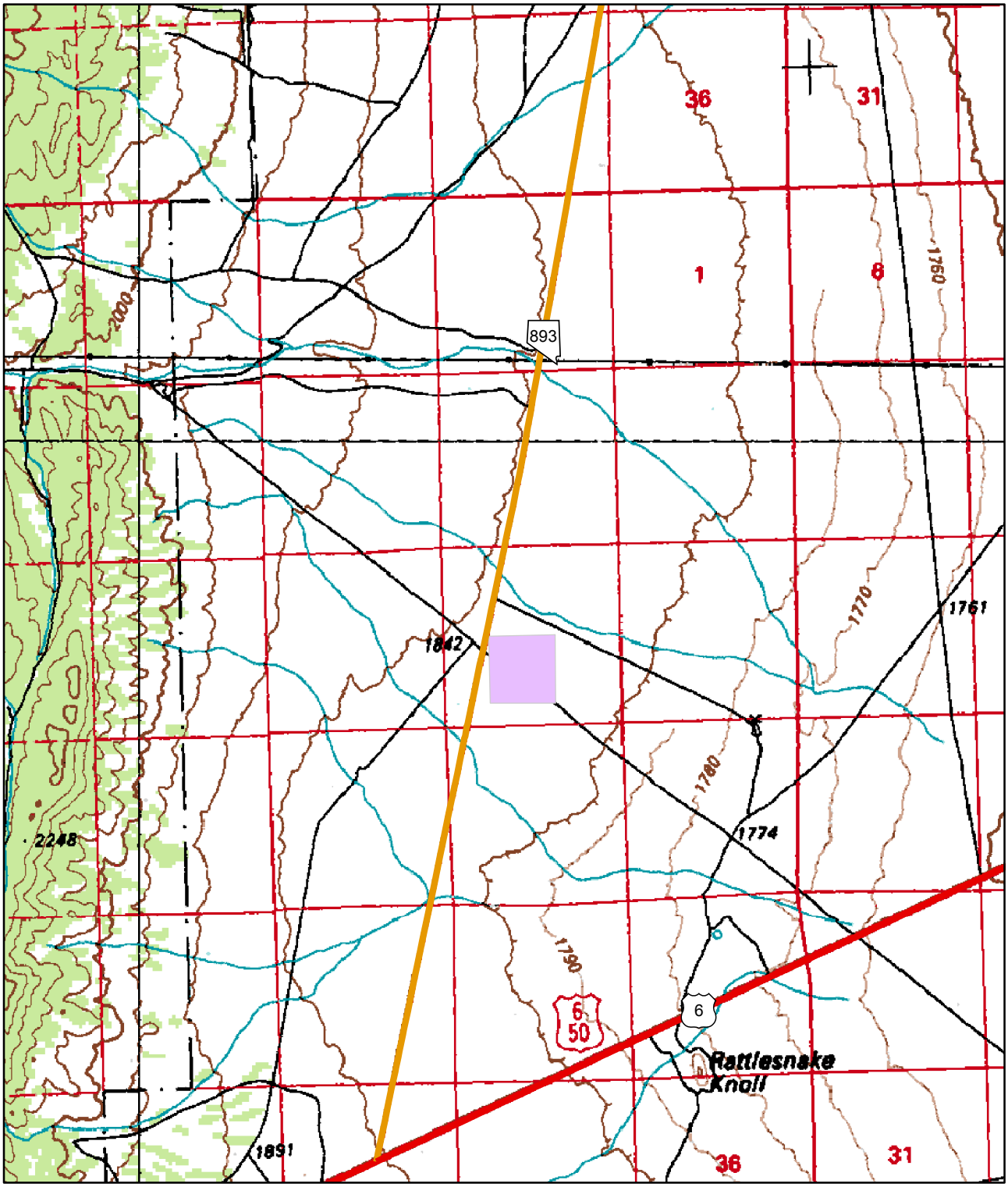

The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # WP 29-01
# Site Location Map
# SR-892 WP 4.0




The "purple" shaded area represents the Pit Site Facility's property layout.

# Pit # WP 33-01
# Site Location Map
# SR-893 WP 3.0

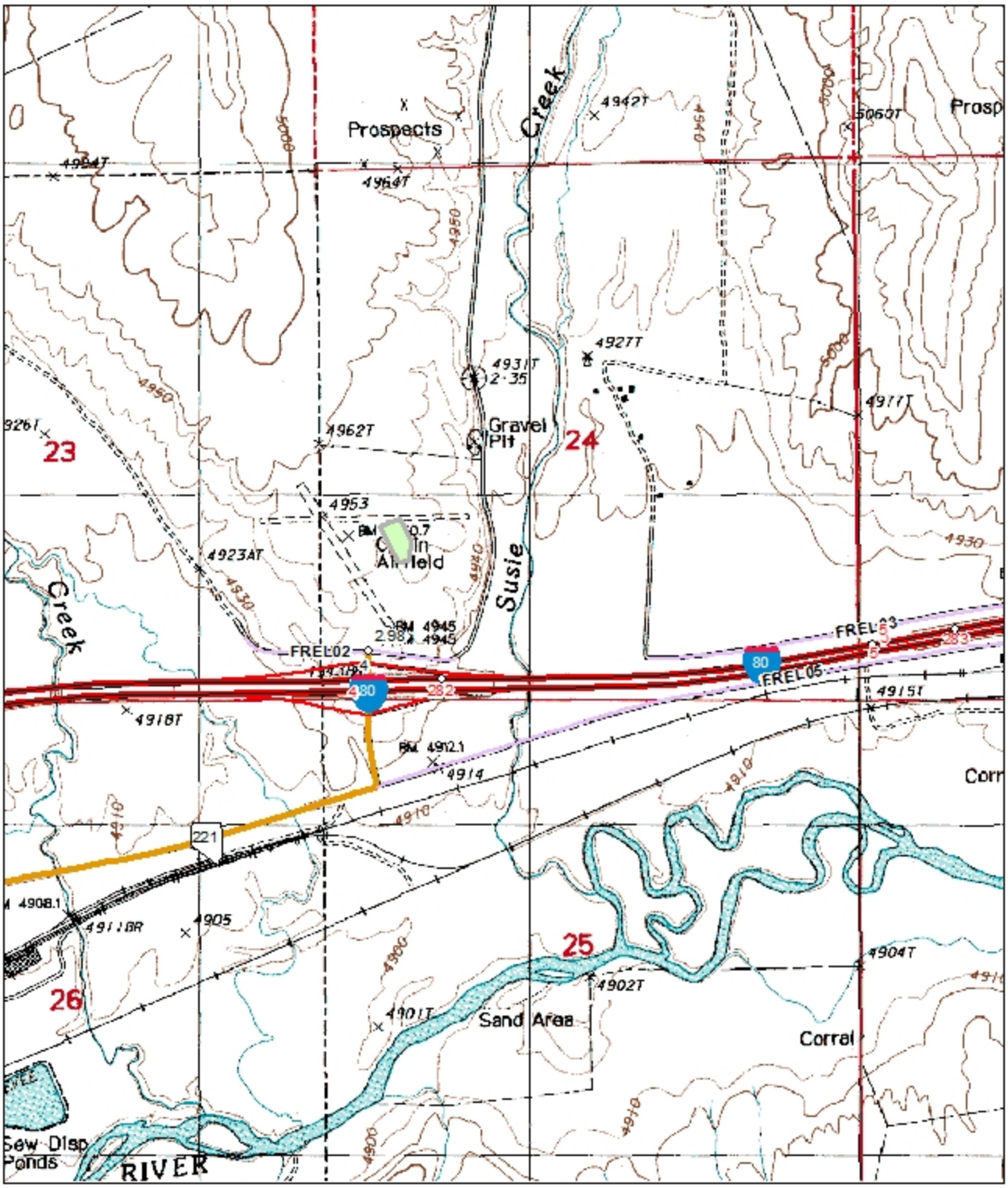



0 0.35 0.7 1.4 2.1 2.8 Miles

N
W E
S

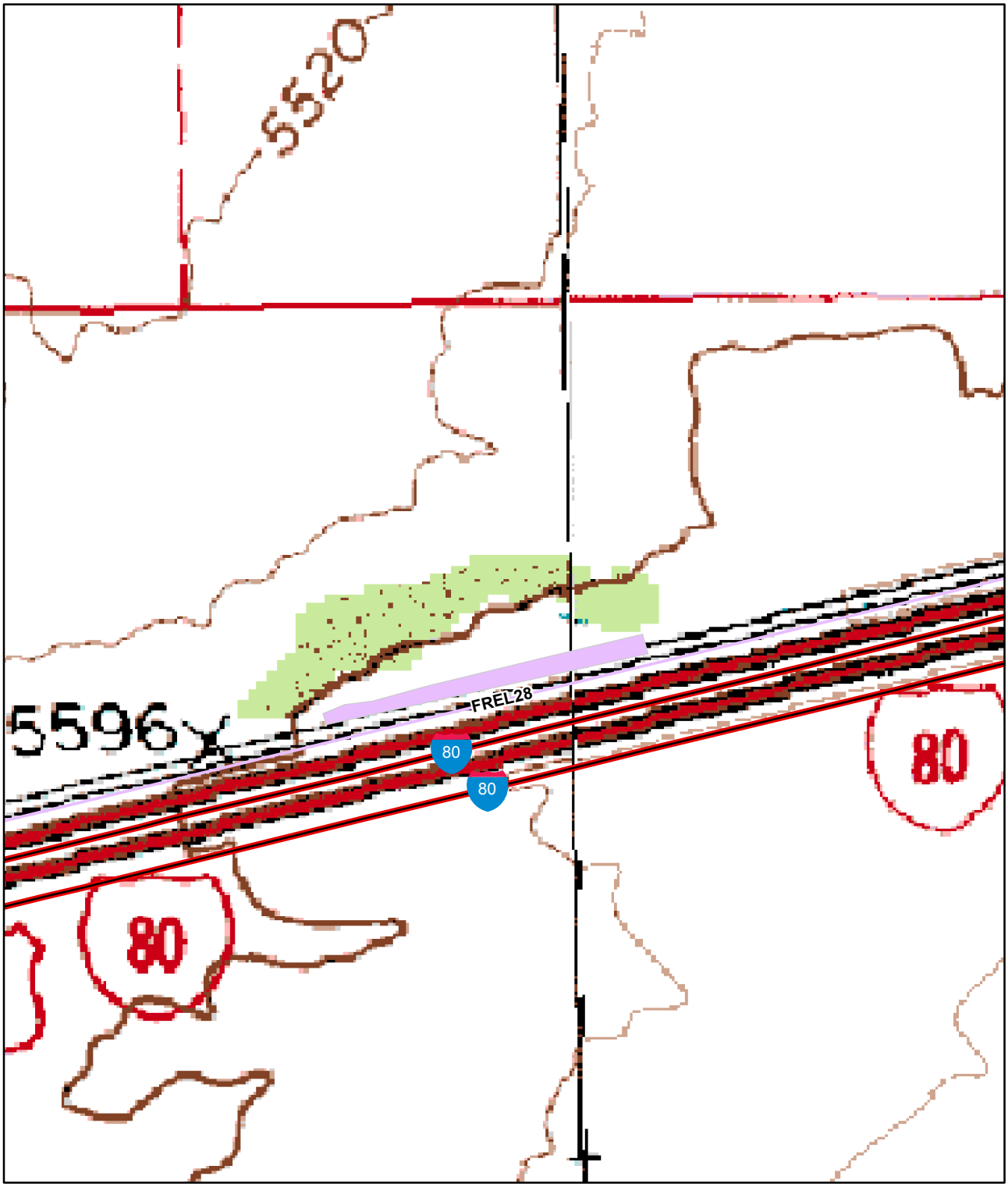
The "purple" shaded area represents the Pit Site Facility's property layout.

# Material Storage Site
# Location Map
# Susie Creek
# Off-System




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# FREL28 EL 3.8

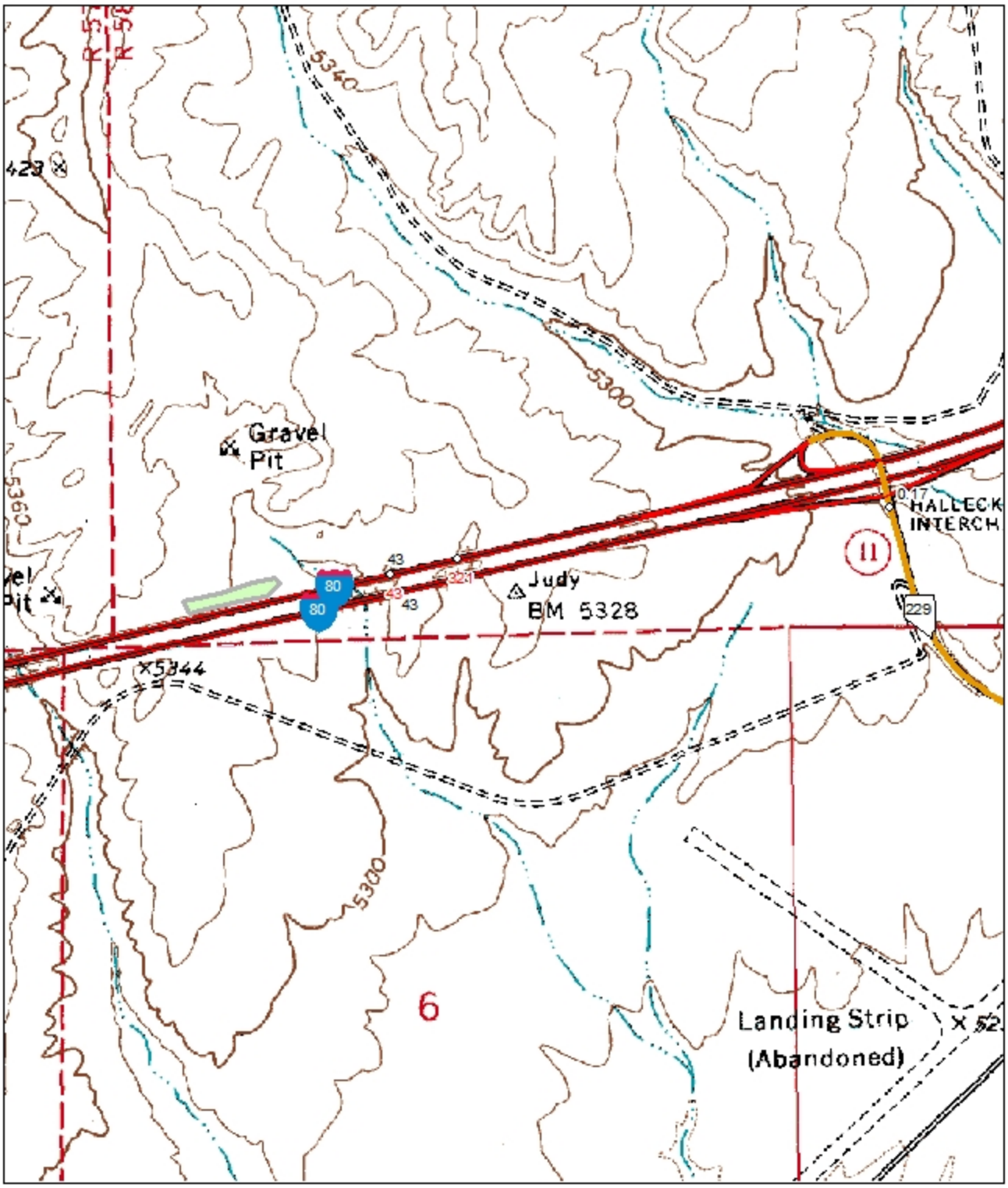



0 0.03 0.06 0.12 0.18 0.24 Miles

N
W E
S

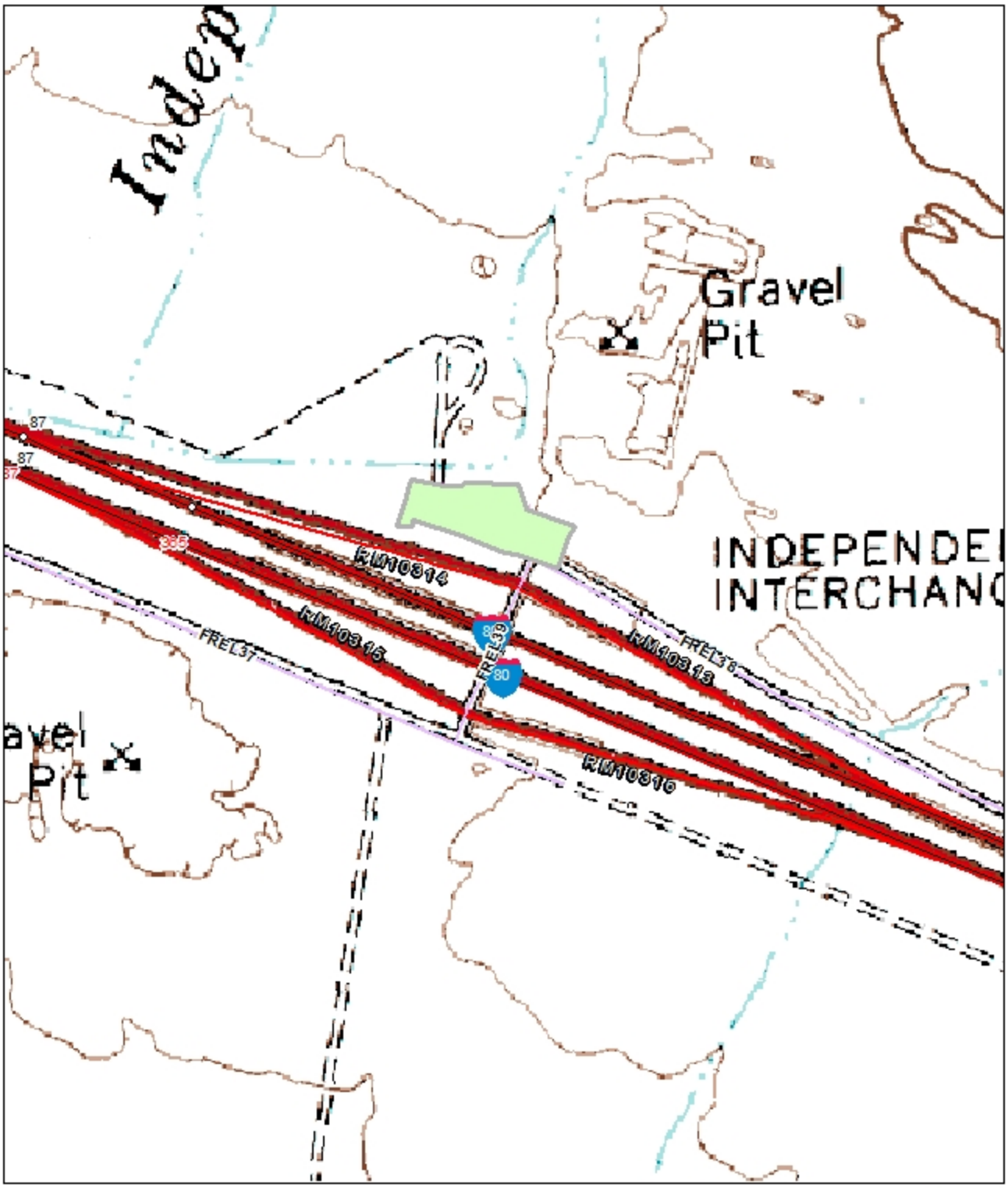
The "purple" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# "Halleck"
# I-80 EL 42.8




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Independence Valley Intchg"
# I-80 EL 87.3

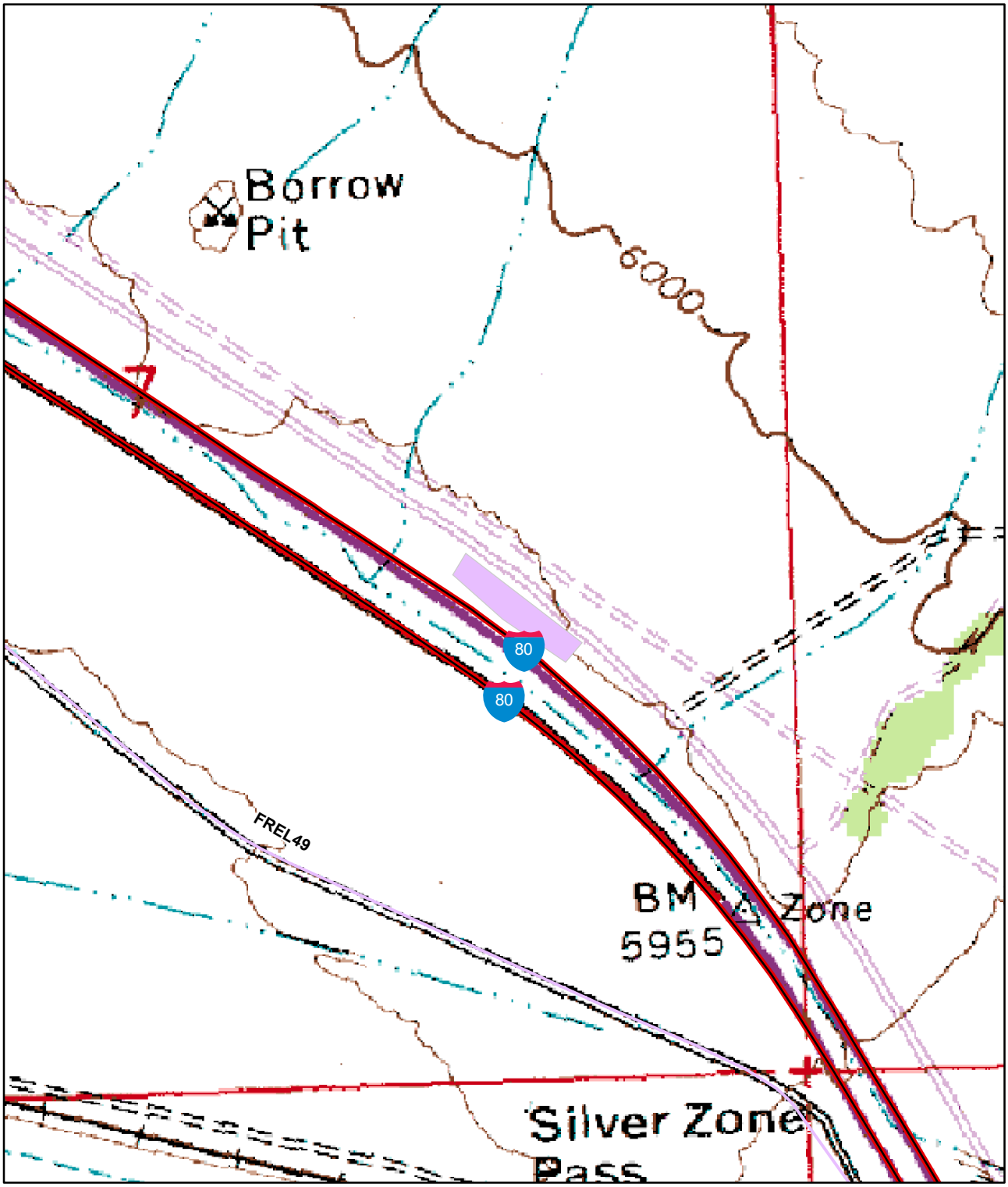



0 0.04250.085 0.17 0.255 0.34 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Silver Zone"
# I-80 EL 112.0

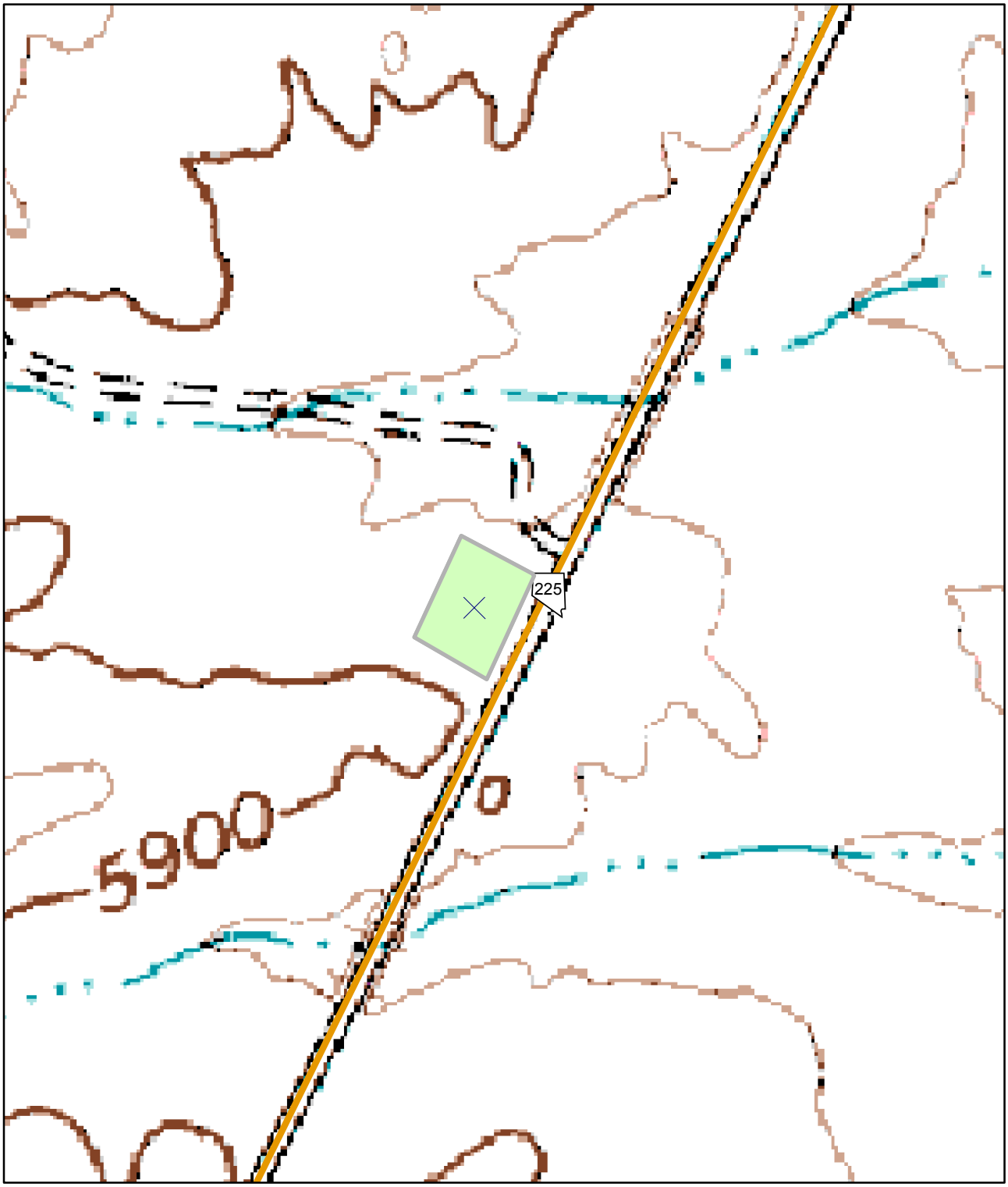



0 0.04750.095 0.19 0.285 0.38
Miles

N
W E
S

The "purple" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# Lone Mountain
# SR-225 EL 56.5

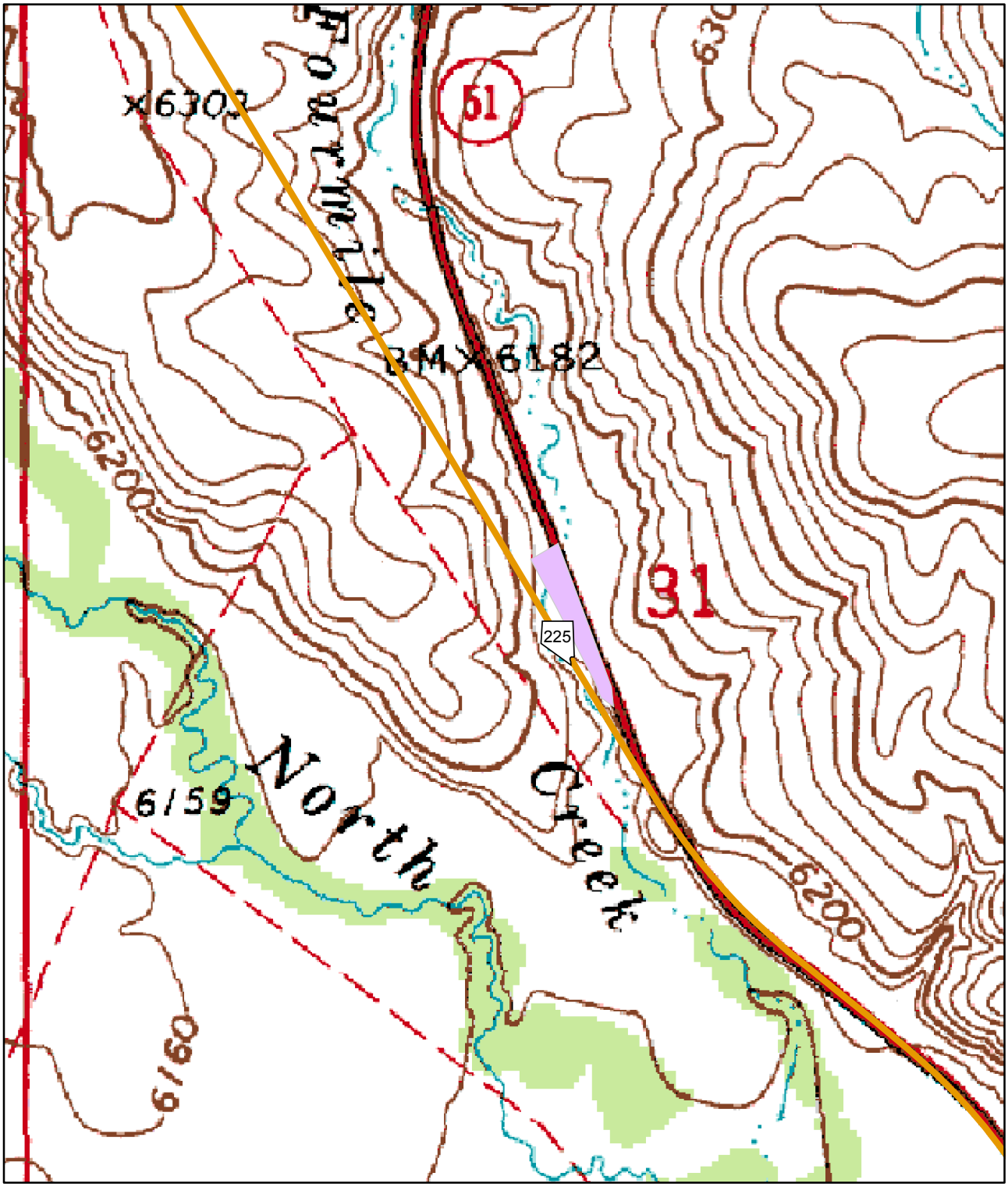



0 0.0225 0.045 0.09 0.135 0.18
Miles

N
W E
S

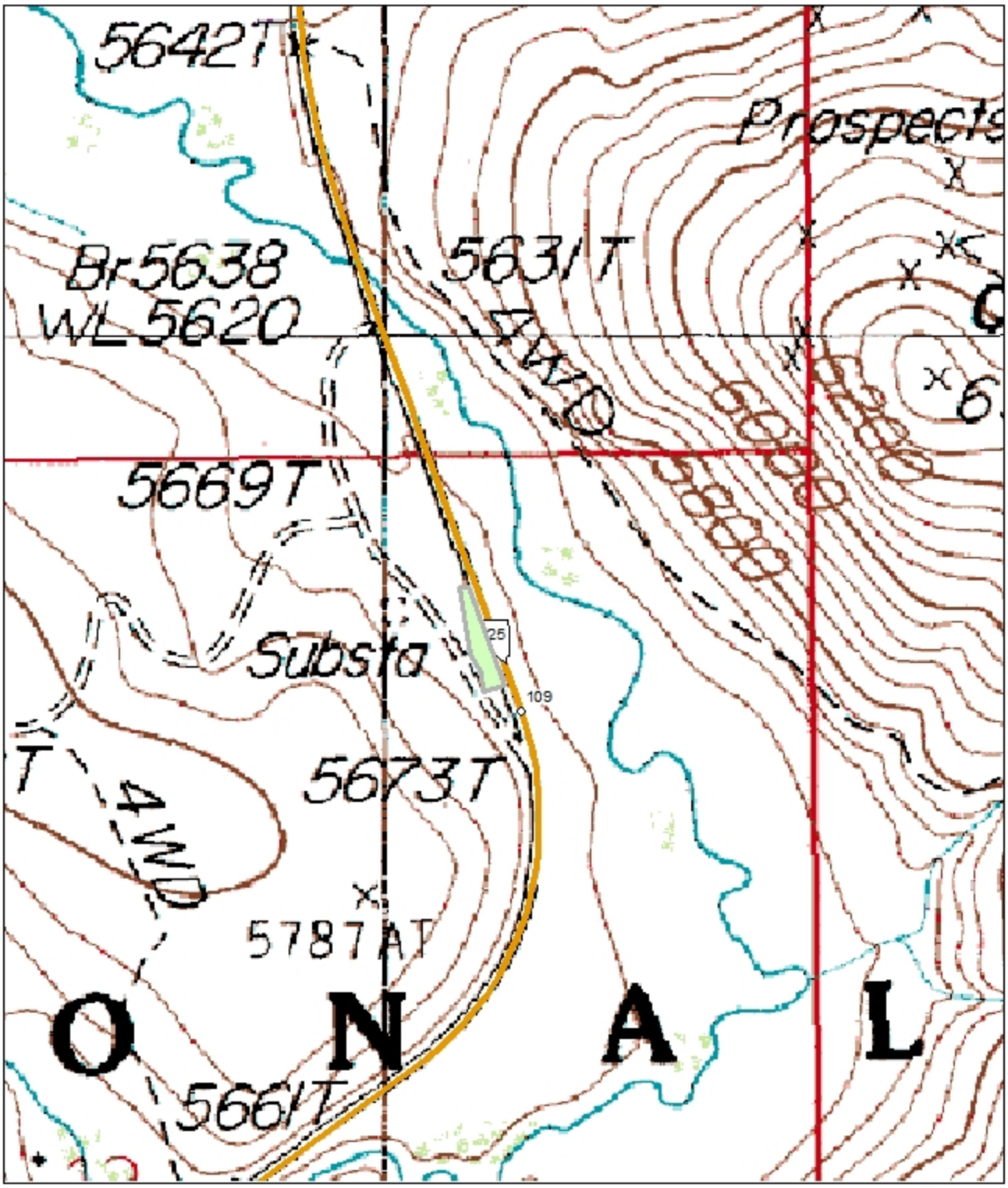
The "green" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# "North Fork"
# SR-225 EL 78.5




The "purple" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# Patsville Area
# SR-225 EL 109.1

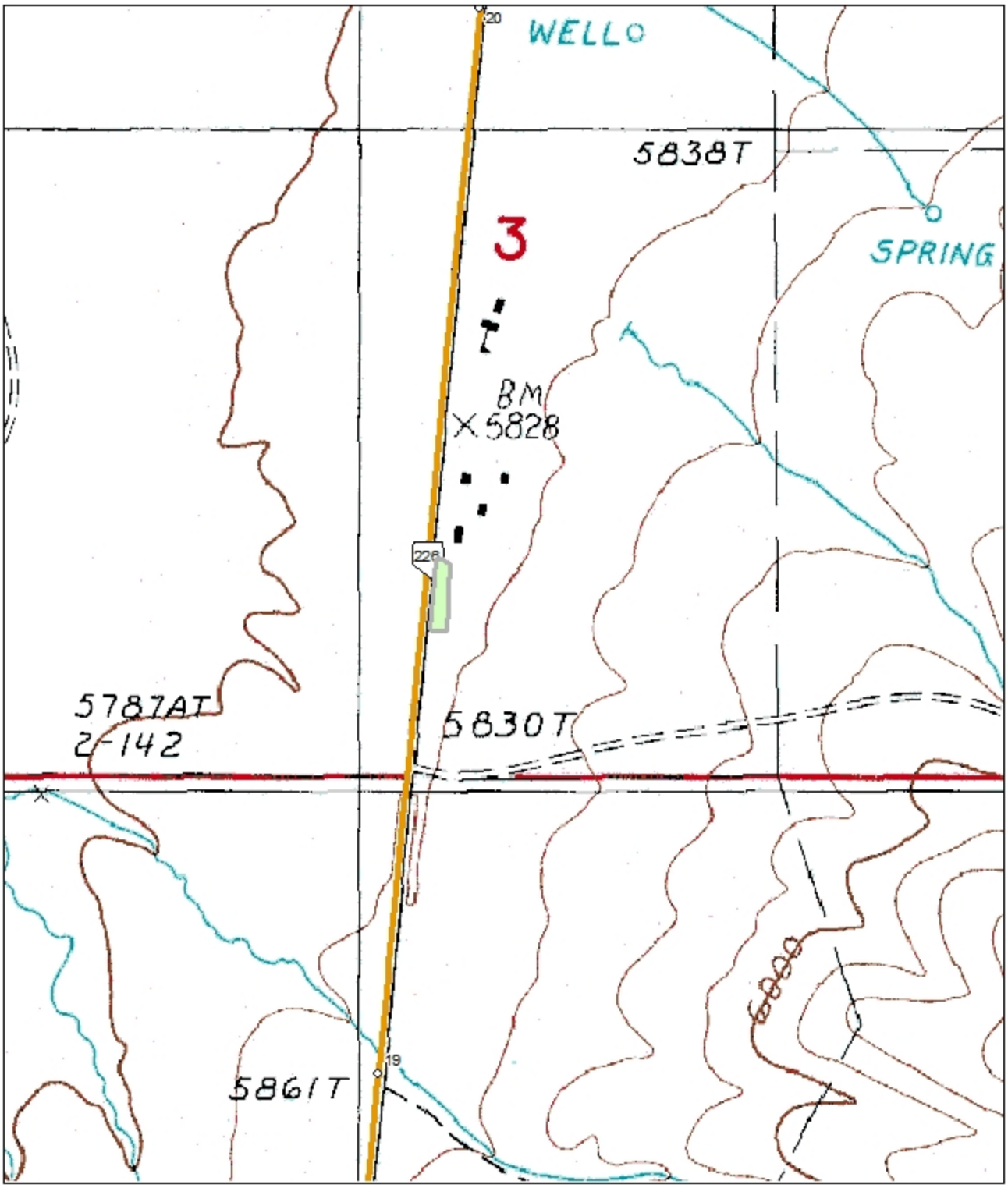



0 0.04250.085 0.17 0.255 0.34 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# SR-226 EL 19.4

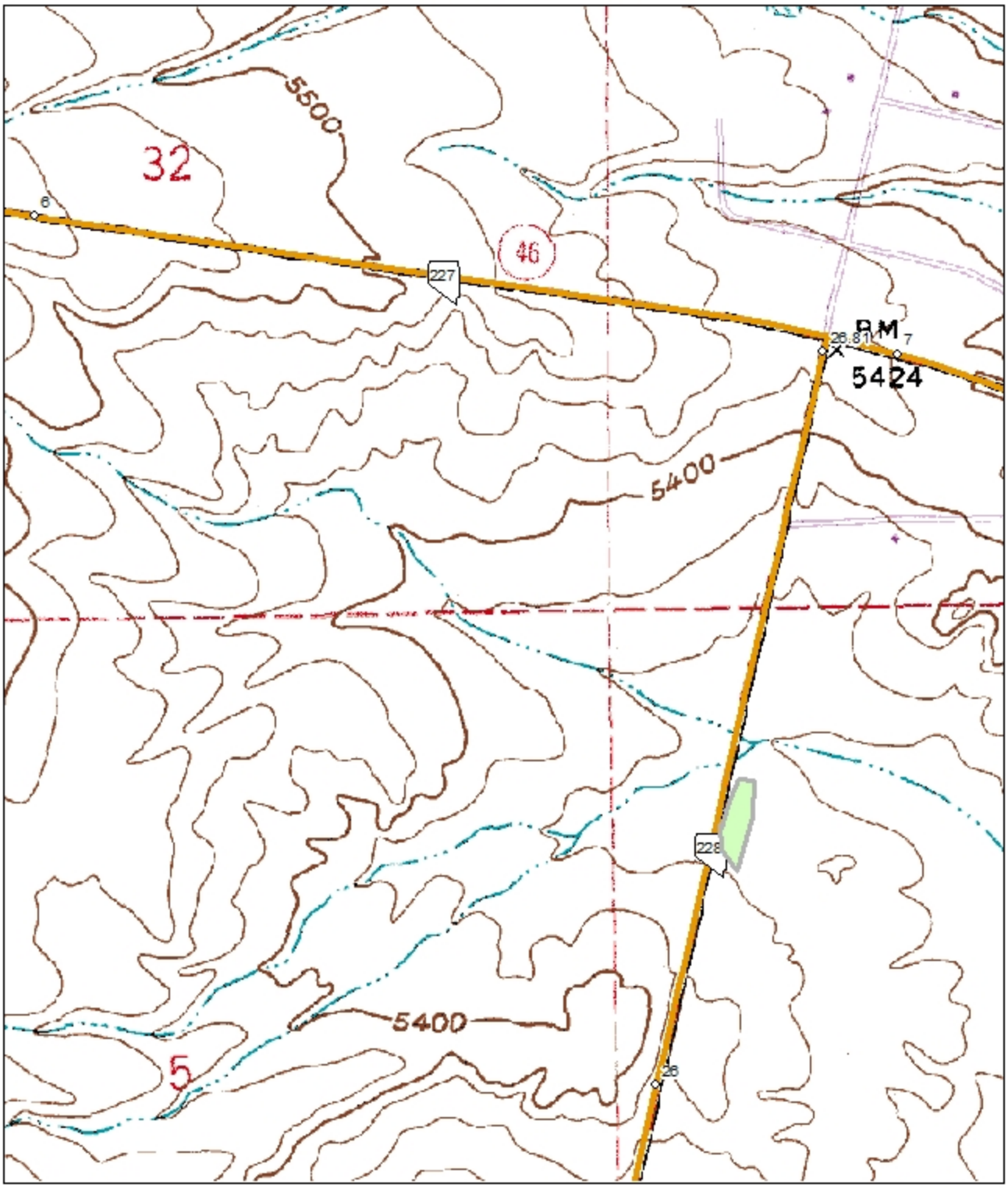



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Jiggs Junction"
# SR-227 EL 7.4

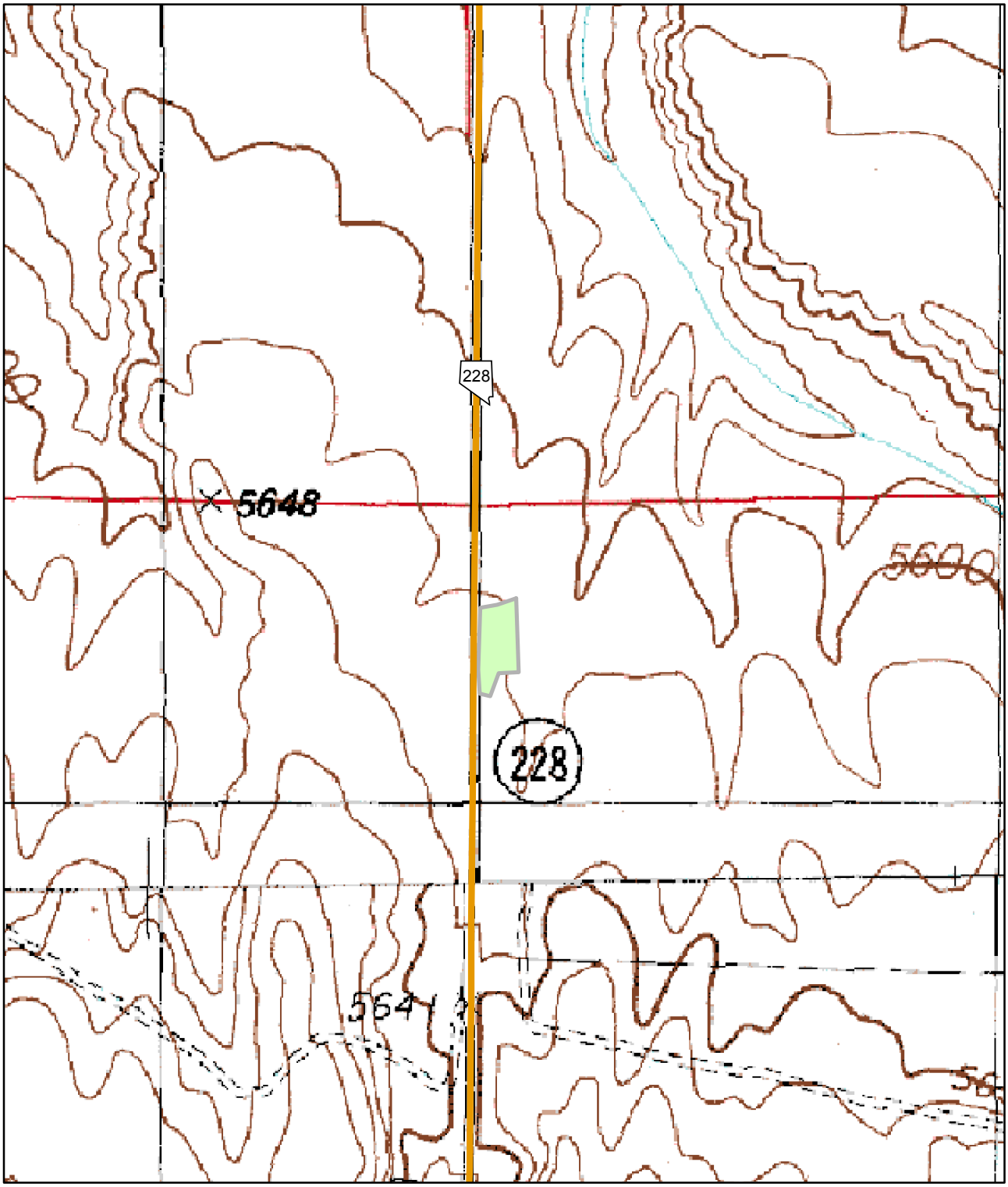



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

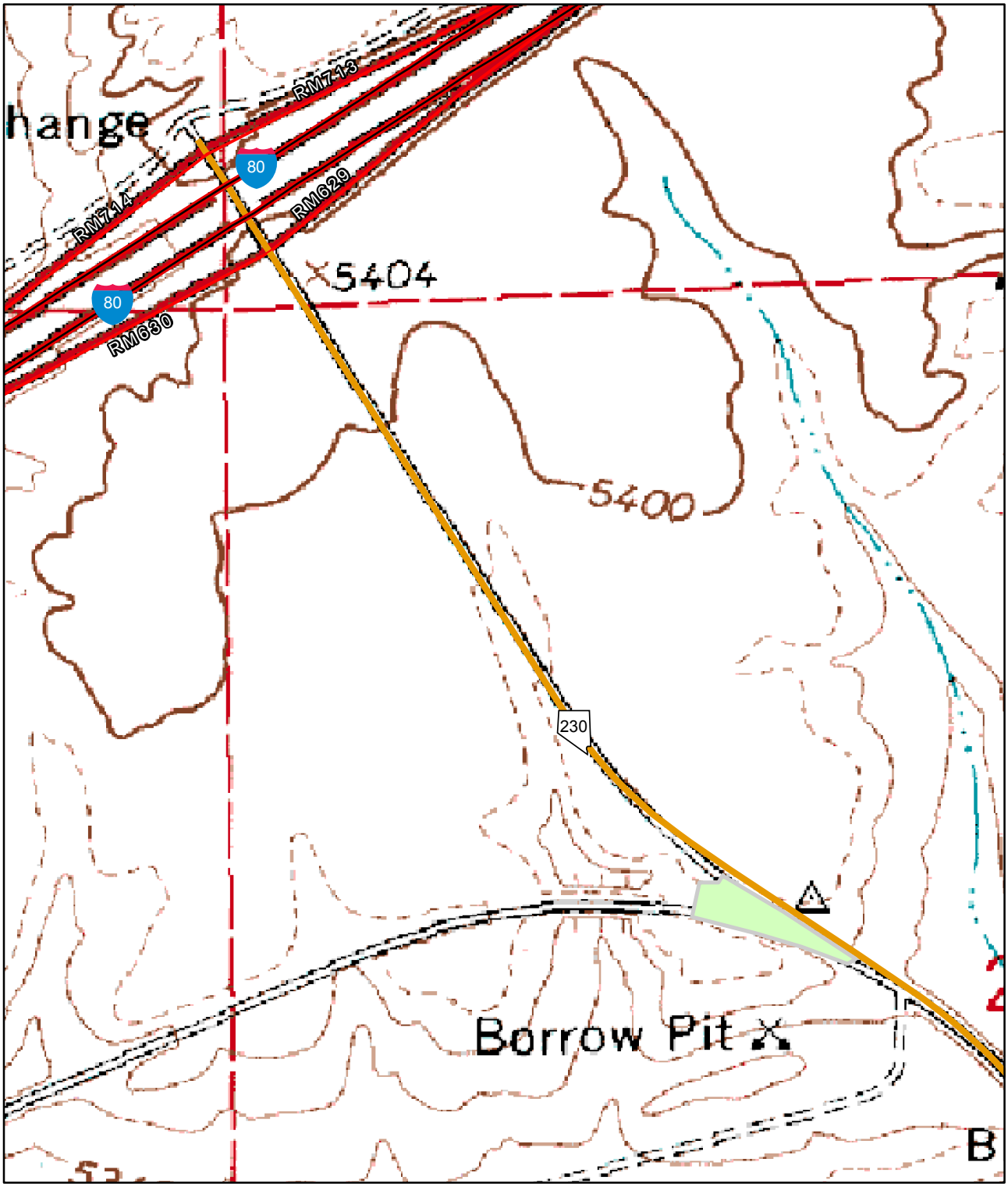
The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# SR-228 EL 5.9




The "green" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# "Deeth"
# SR-230 EL 0.6

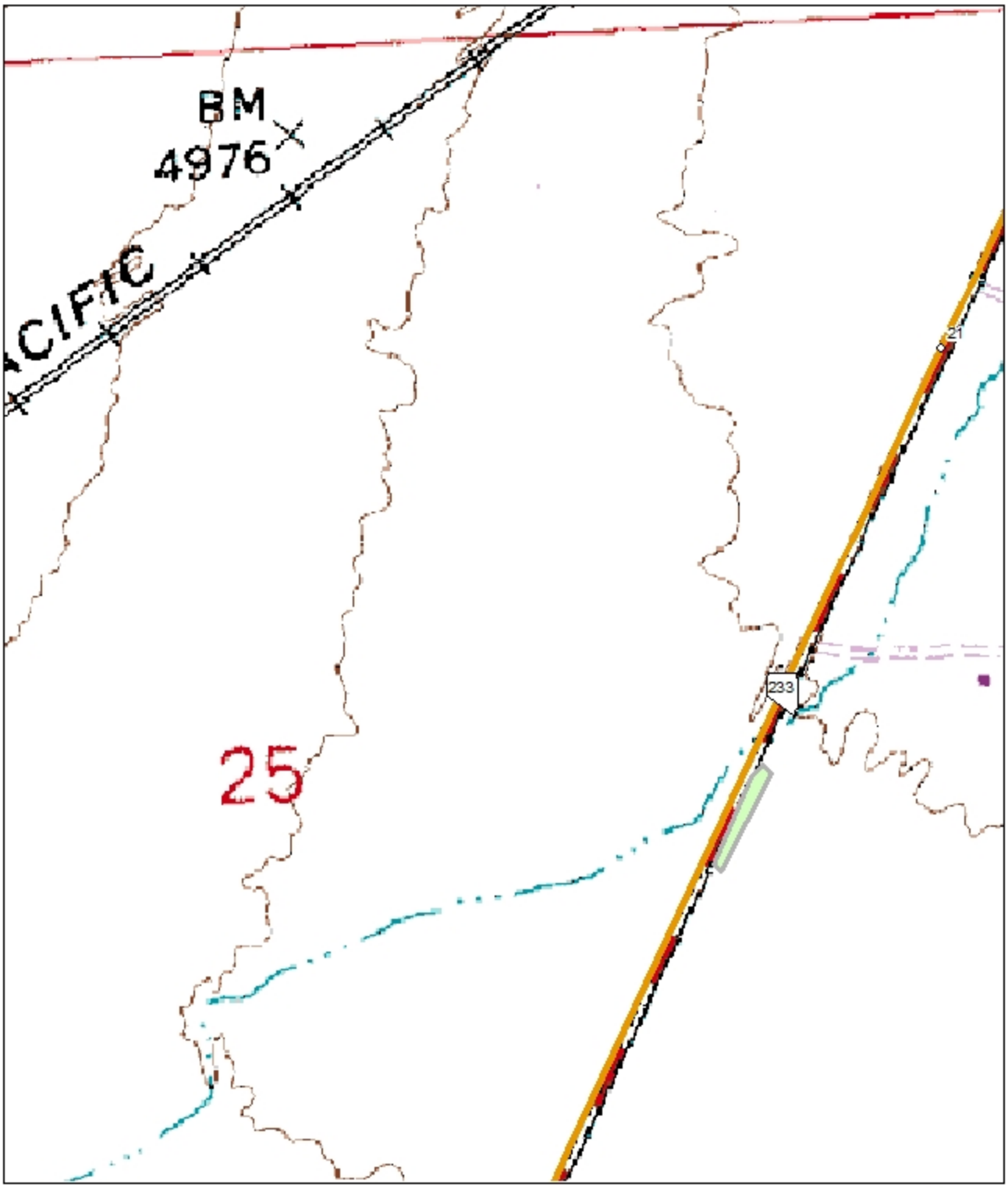



0 0.0425 0.085 0.17 0.255 0.34 Miles

N W E S

The "green" shaded area represents the Pit Site Facility's property layout.

# Material Storage Site
# Location Map
# "Montello Hwy"
# SR-233 PE 20.6

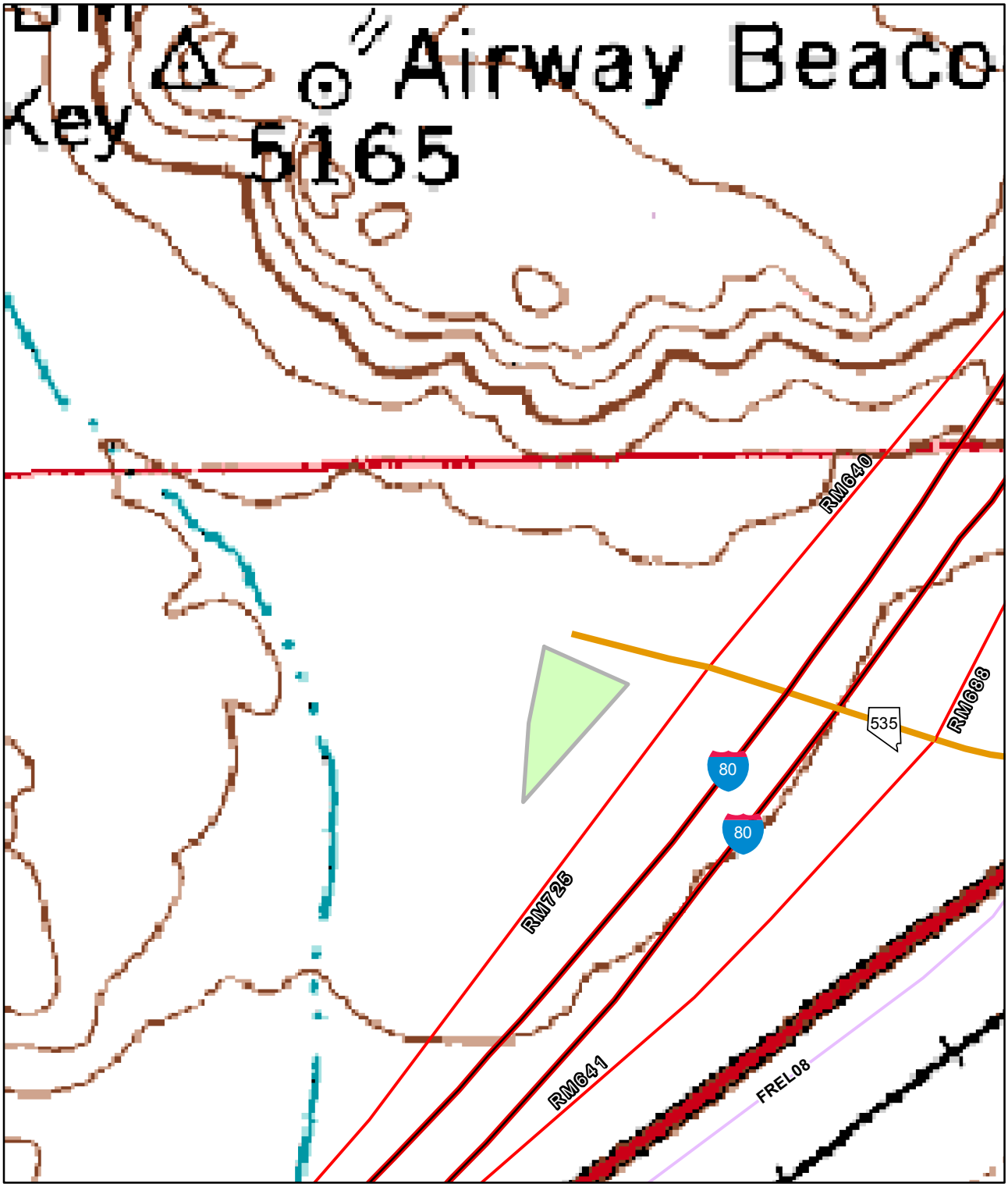



0 0.04250.085 0.17 0.255 0.34
Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# SR-535 EL 21.7

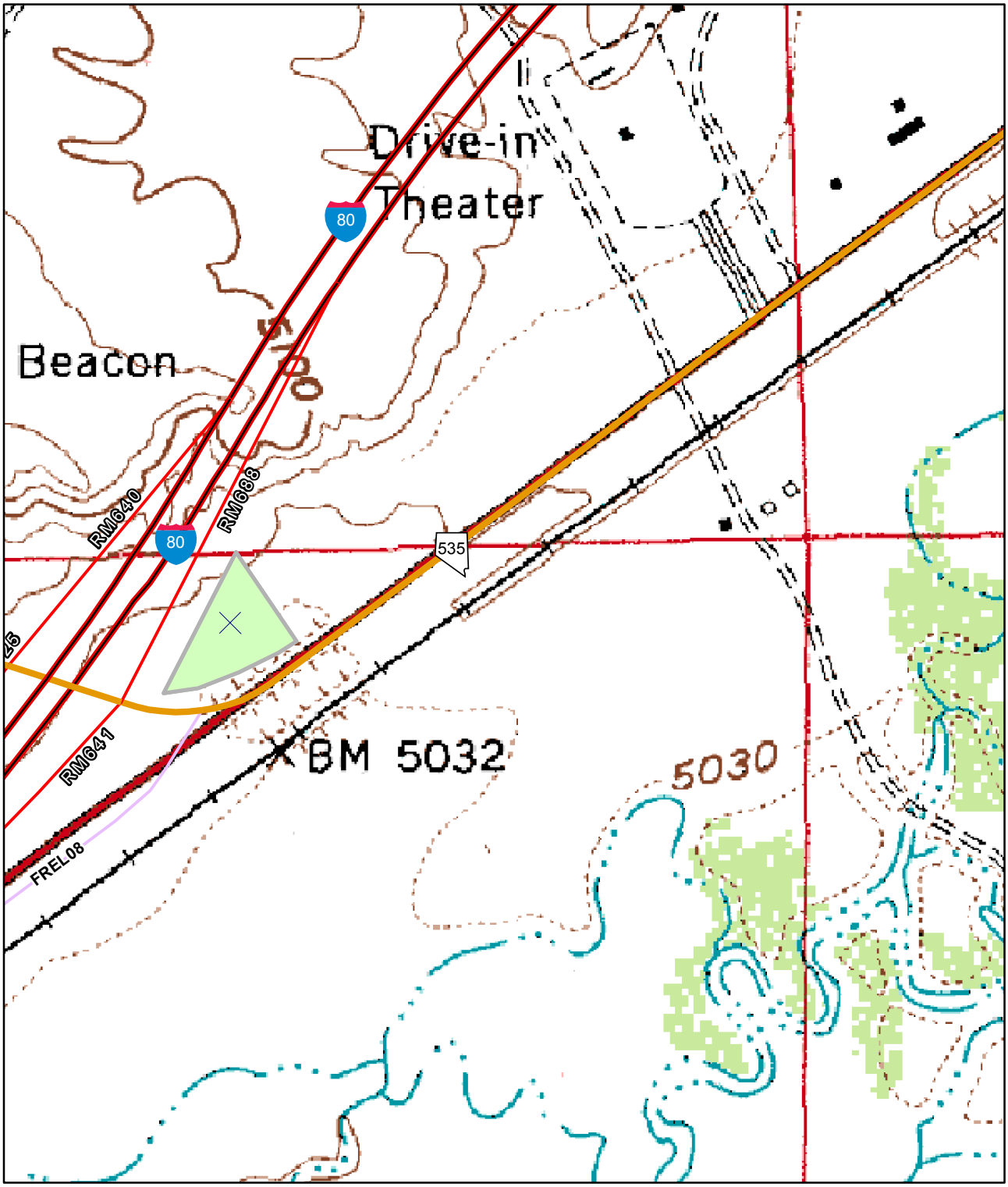



0 0.0225 0.045 0.09 0.135 0.18 Miles

N W E S

The "green" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# SR-535 EL 21.96

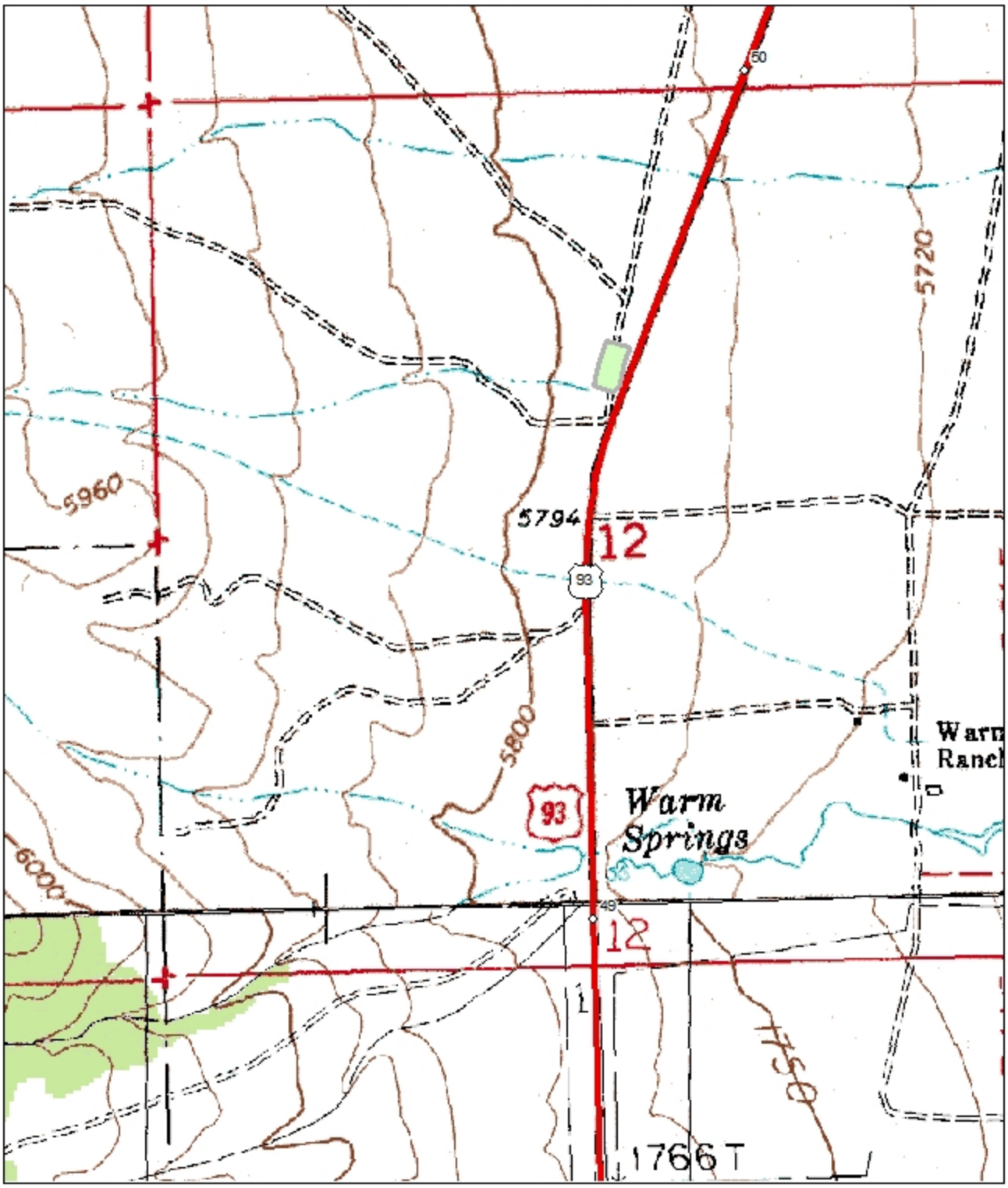



0 0.0475 0.095 0.19 0.285 0.38 Miles

N
W E
S

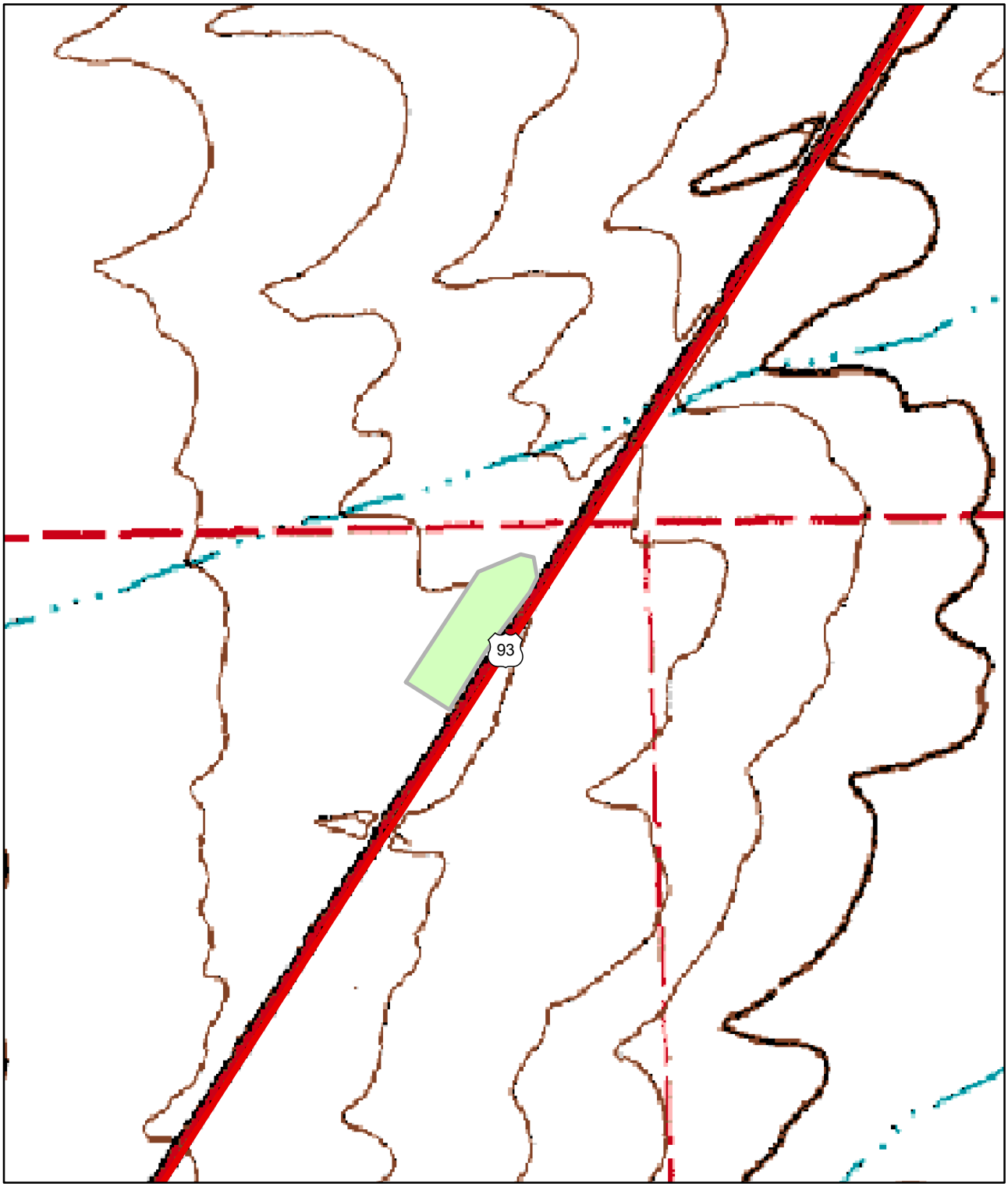
The "green" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# "Warm Springs"
# US-93 EL 49.5




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "HD Summit"
# US-93 EL 96.5

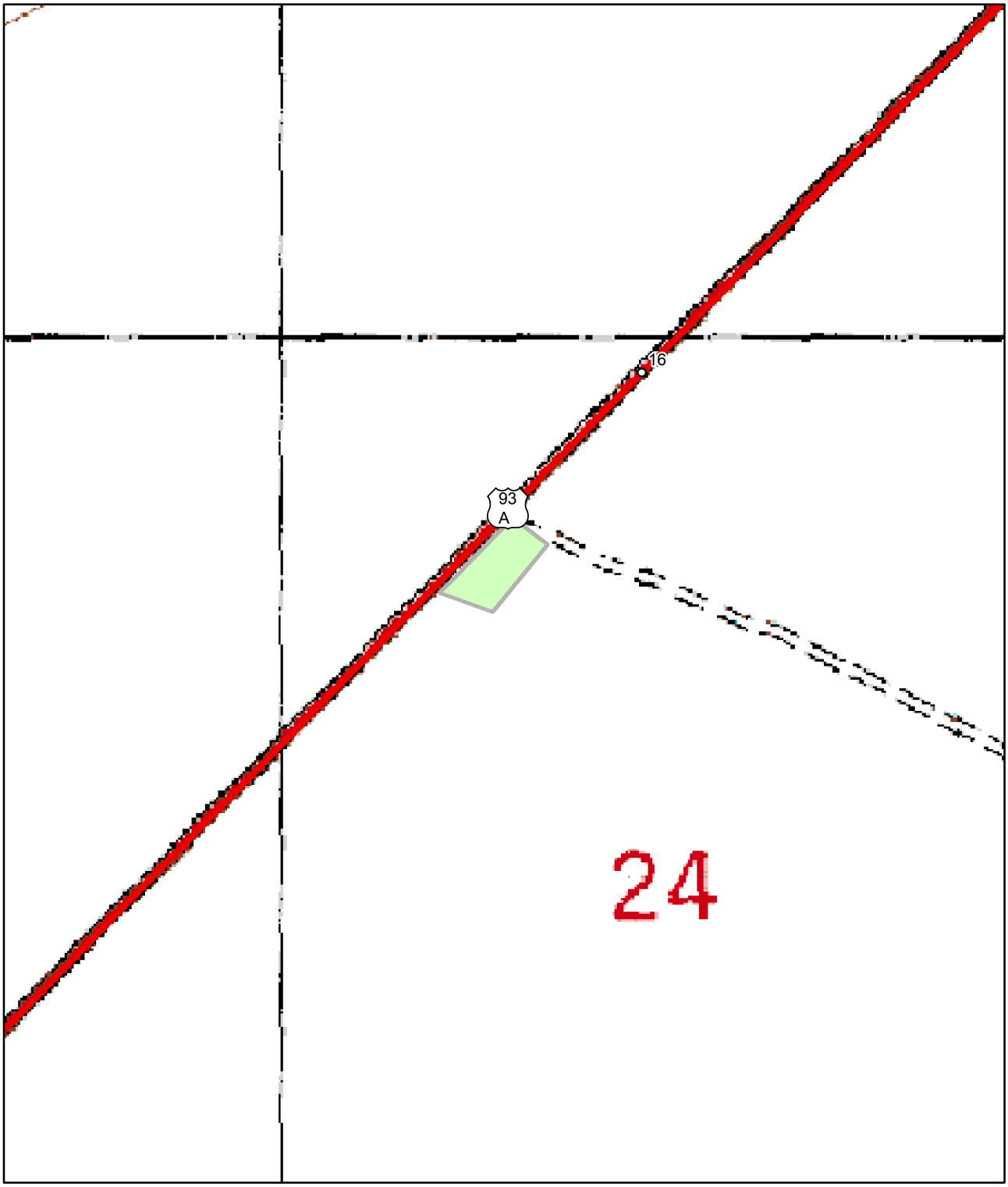



0 0.035 0.07 0.14 0.21 0.28 Miles

N
W E
S

The "green" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# Dolly Varden
# US93A EL 15.61

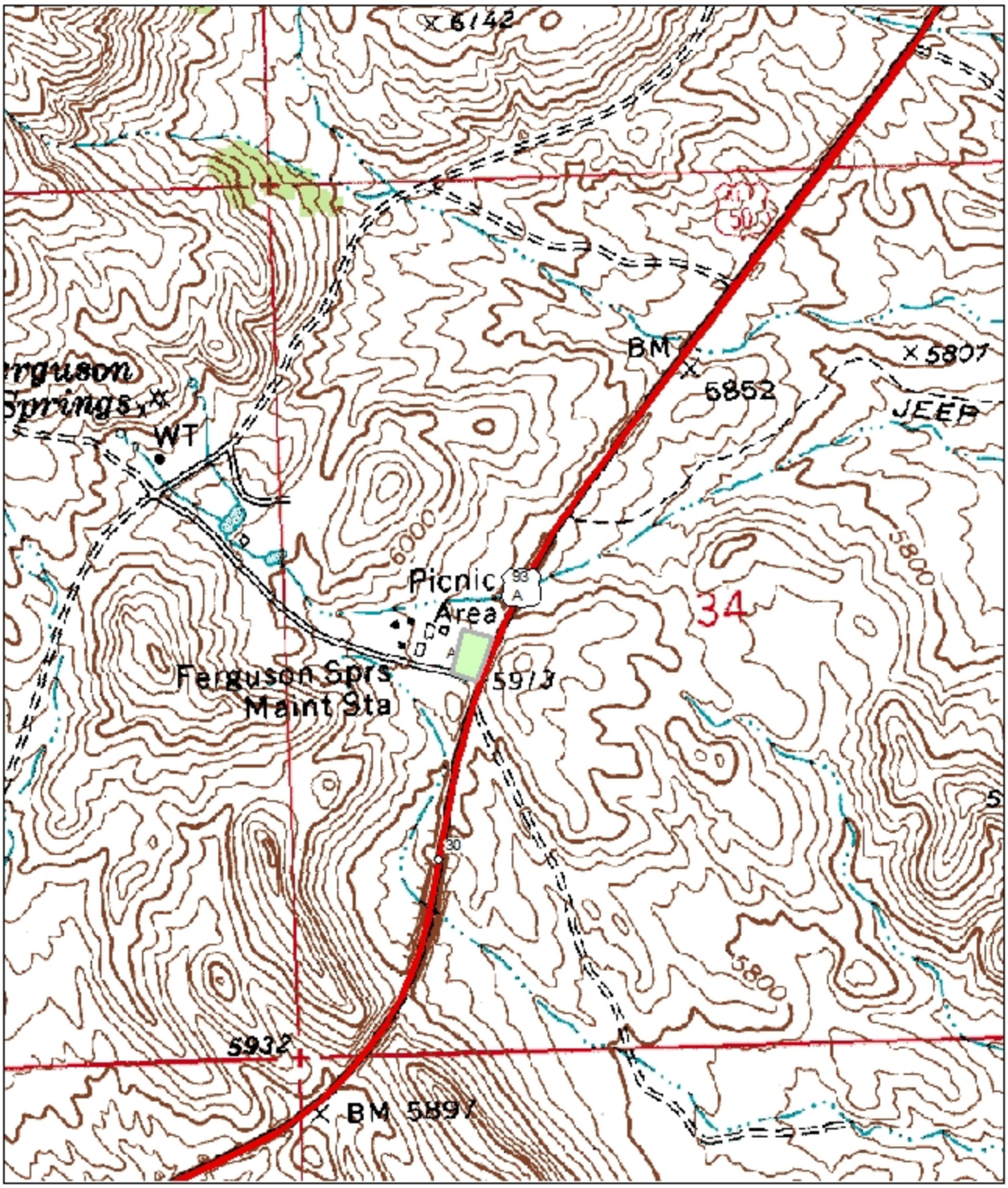



0 0.035 0.07 0.14 0.21 0.28 Miles

N
W E
S

The "green" shaded area represents the Pit Site Facility's property layout.

# Material Storage Site
# Location Map
# "Old Ferguson"
# US-93A EL 30.2

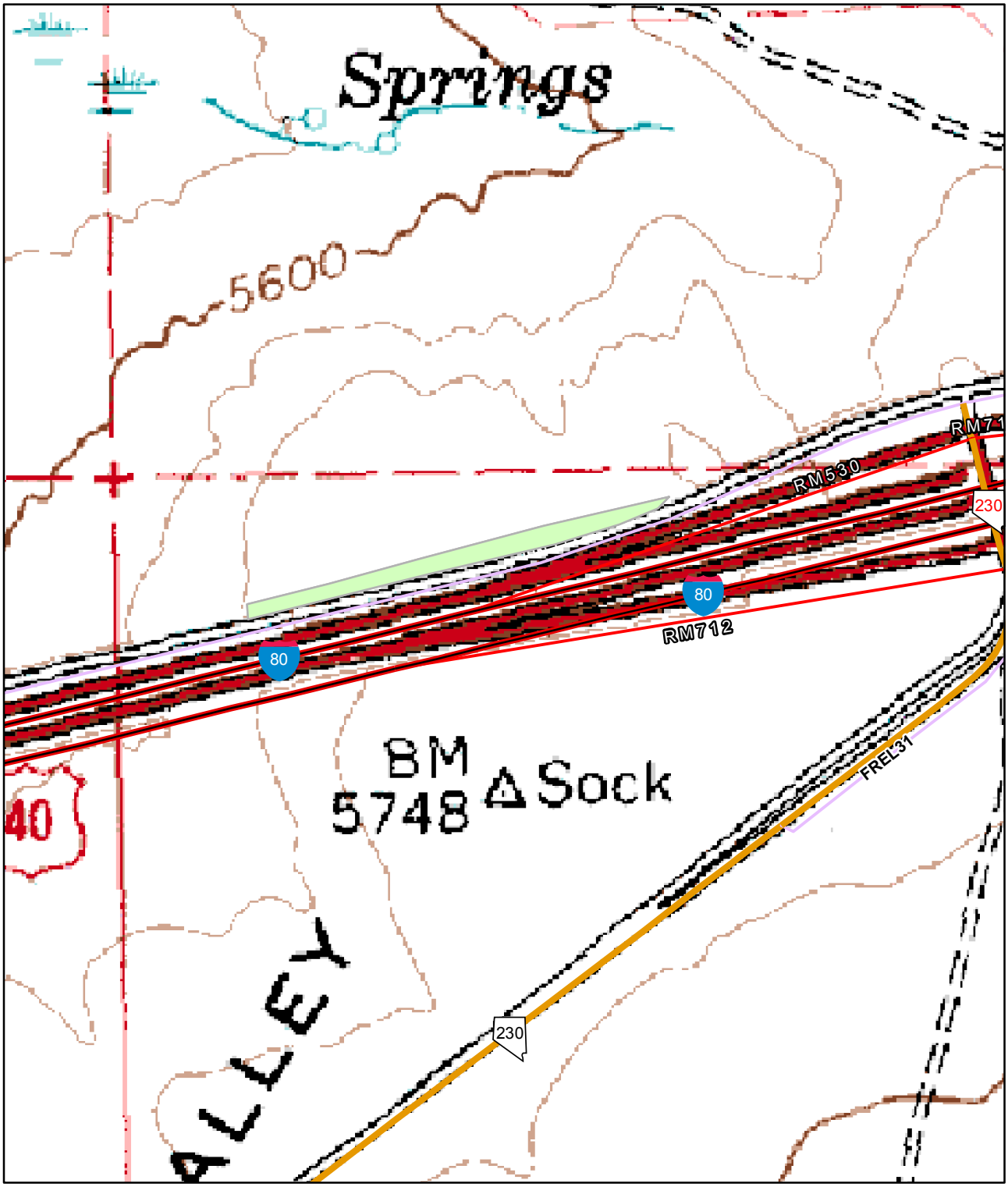



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# FREL28 EL 4.3

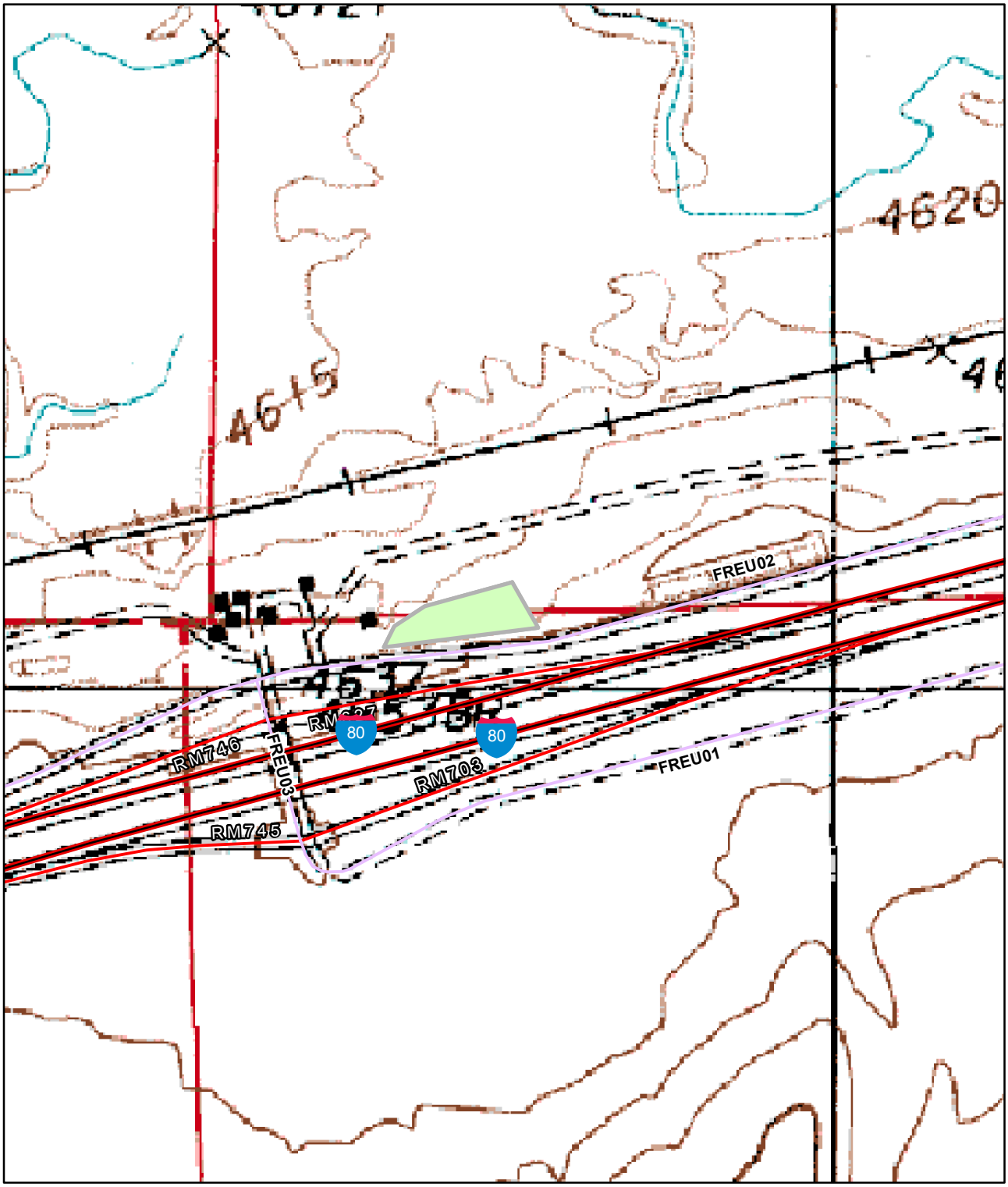



0 0.035 0.07 0.14 0.21 0.28 Miles

N
W E
S

The "green" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# "Dunphy"
# FREU02 EU 2.1

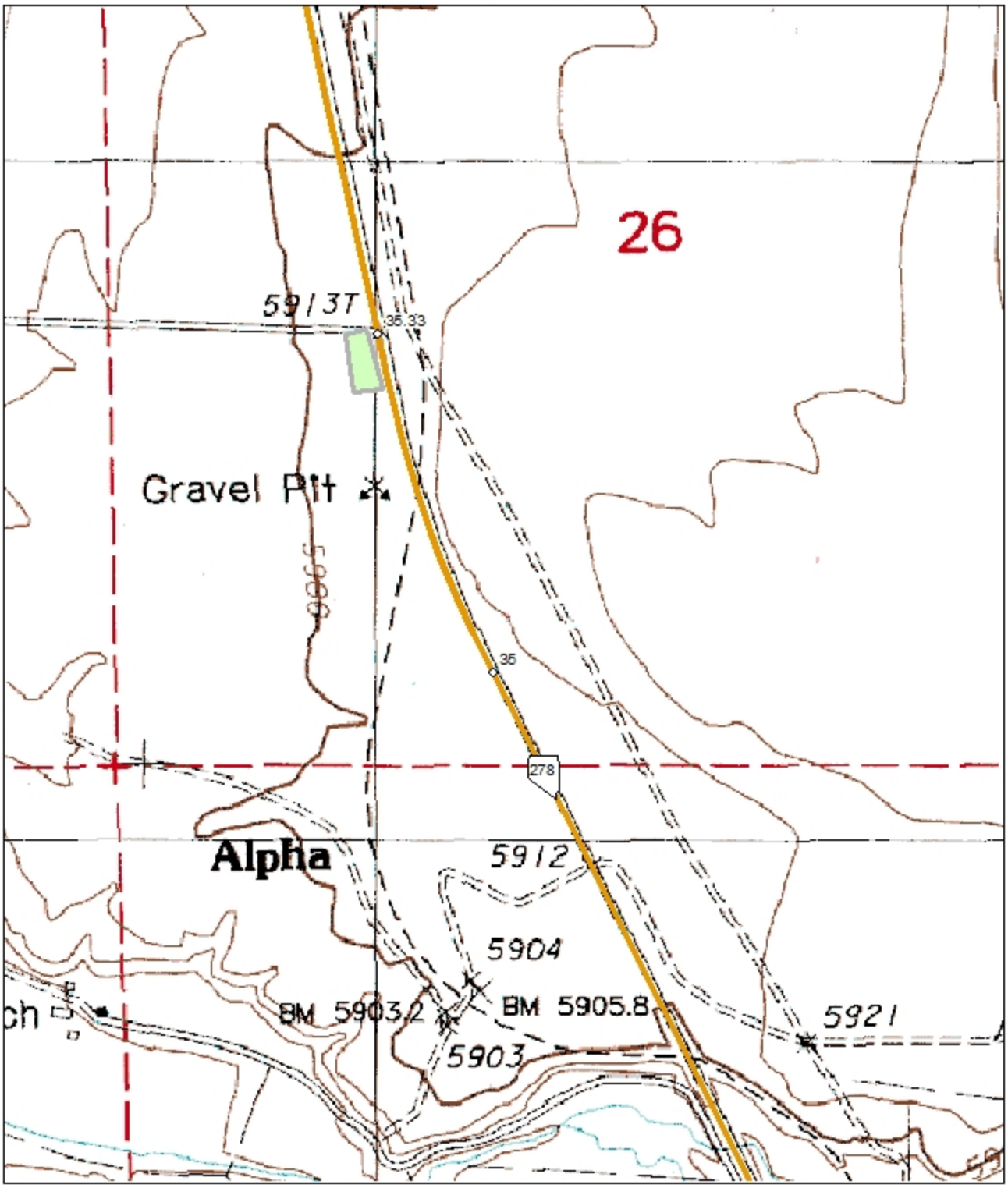



0 0.035 0.07 0.14 0.21 0.28 Miles

N
W E
S

The "green" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# "Alpha"
# SR-278 EU 35.3

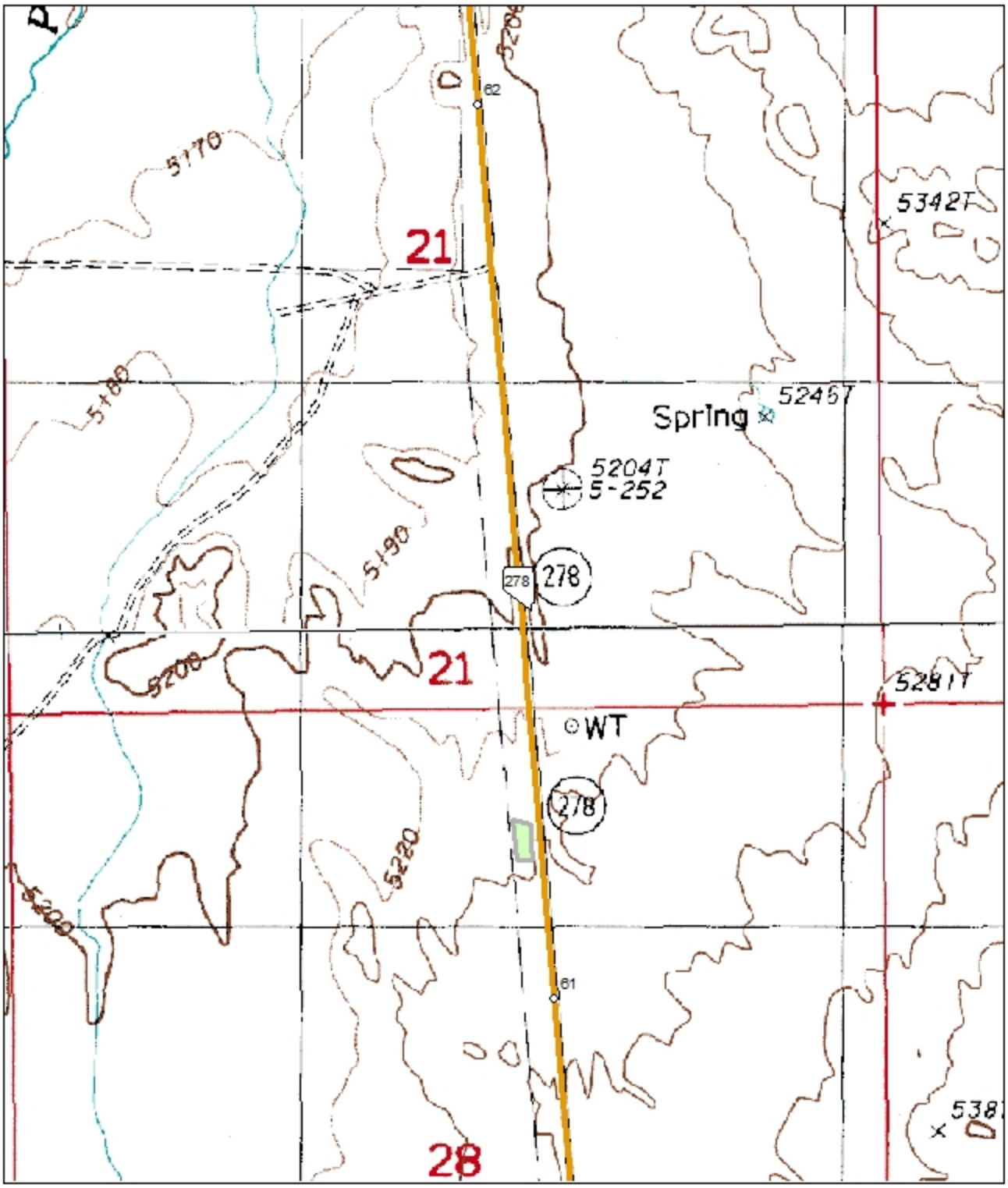



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Midway"
# SR-278 EU 61.2

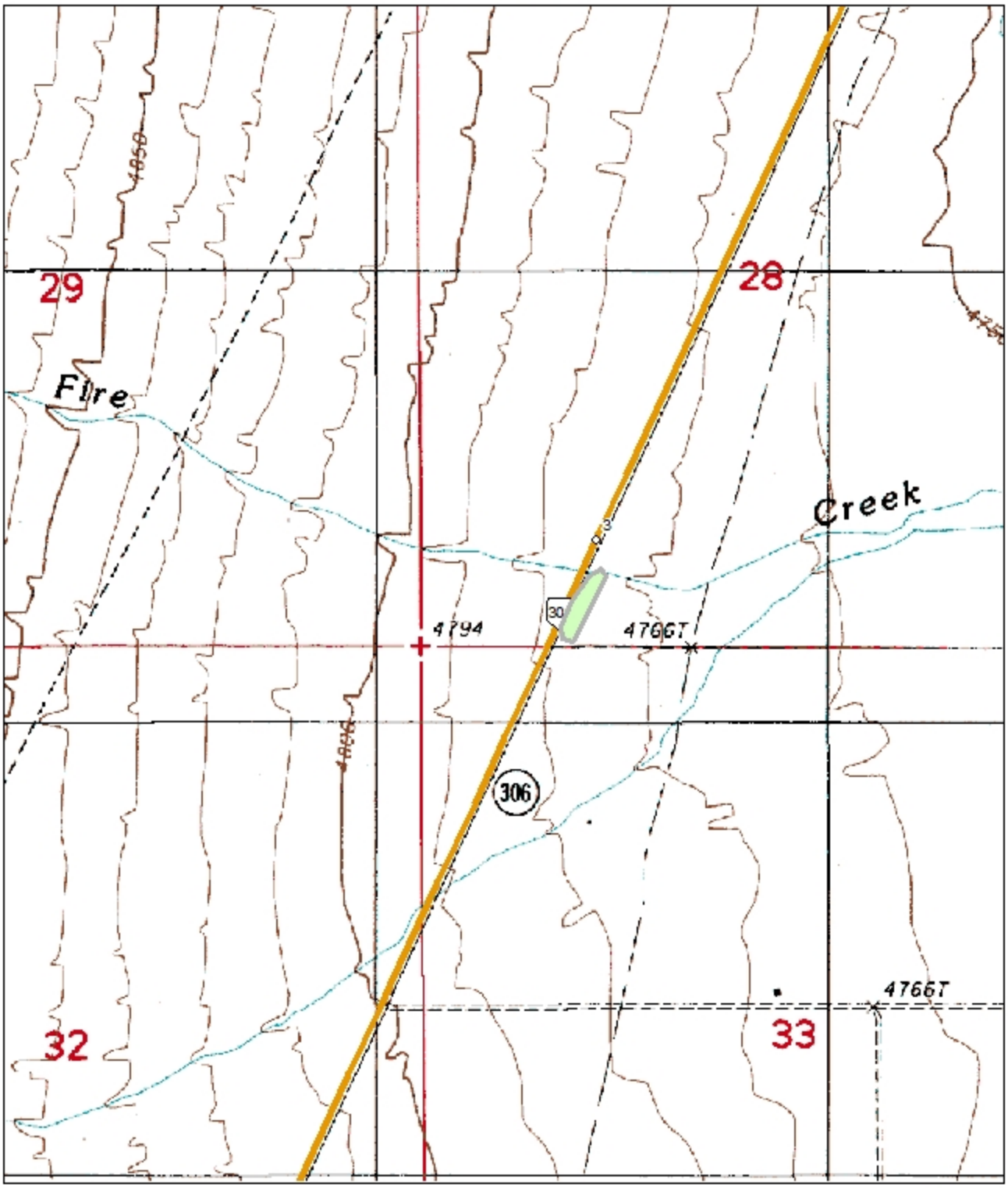



0 0.05 0.1 0.2 0.3 0.4 Miles

N W E S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# SR-306 EU 2.9

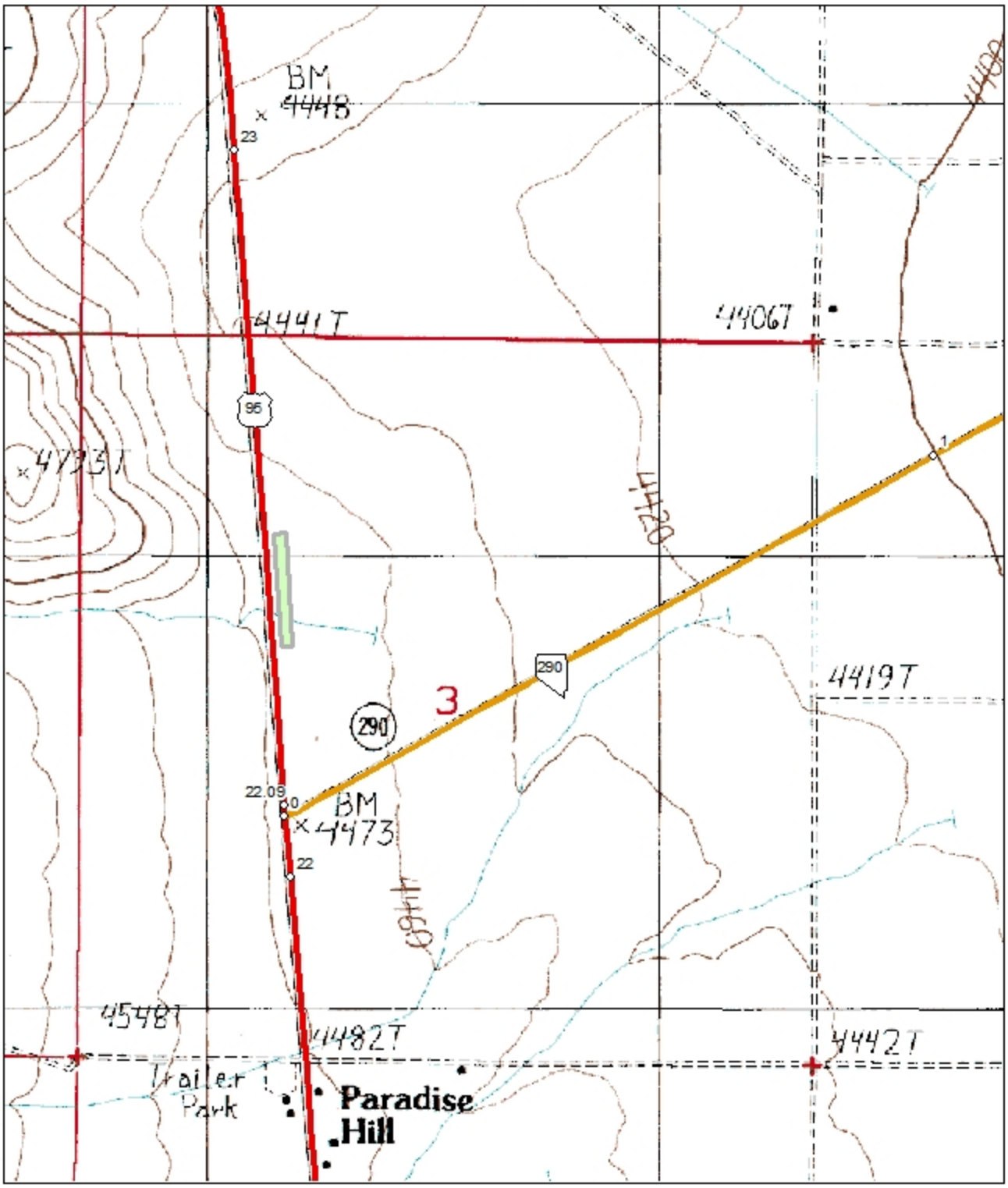



0 0.0750.15 0.3 0.45 0.6 Miles

N W E S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Paradise Valley"
# US-95 HU 22.2

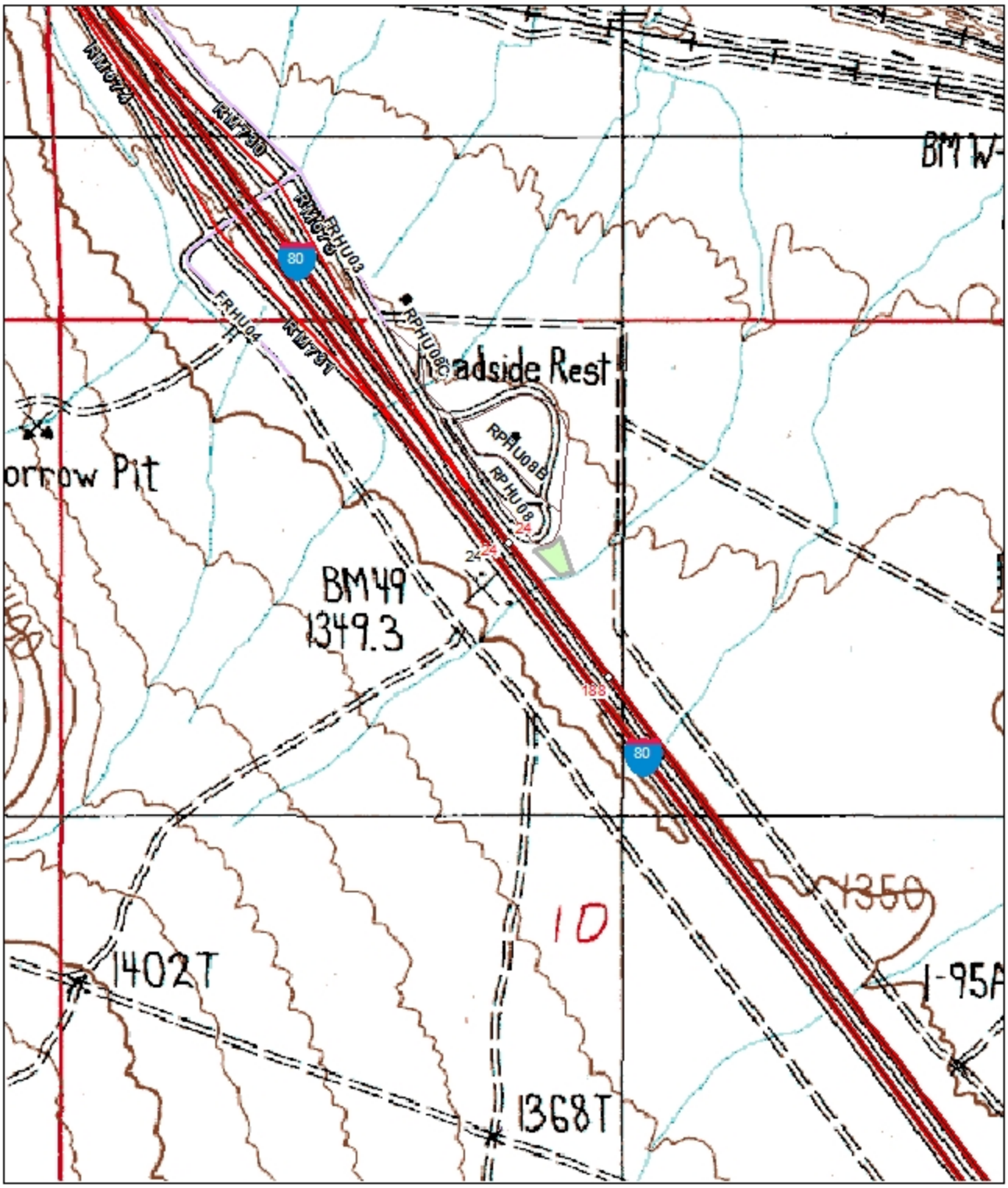



0 0.0750.15 0.3 0.45 0.6 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Button Point"
# I-80 HU 23.7




0 0.05 0.1 0.2 0.3 0.4 Miles

N W E S

The "green" shaded area represents the Material Storage Site Facility's property layout.

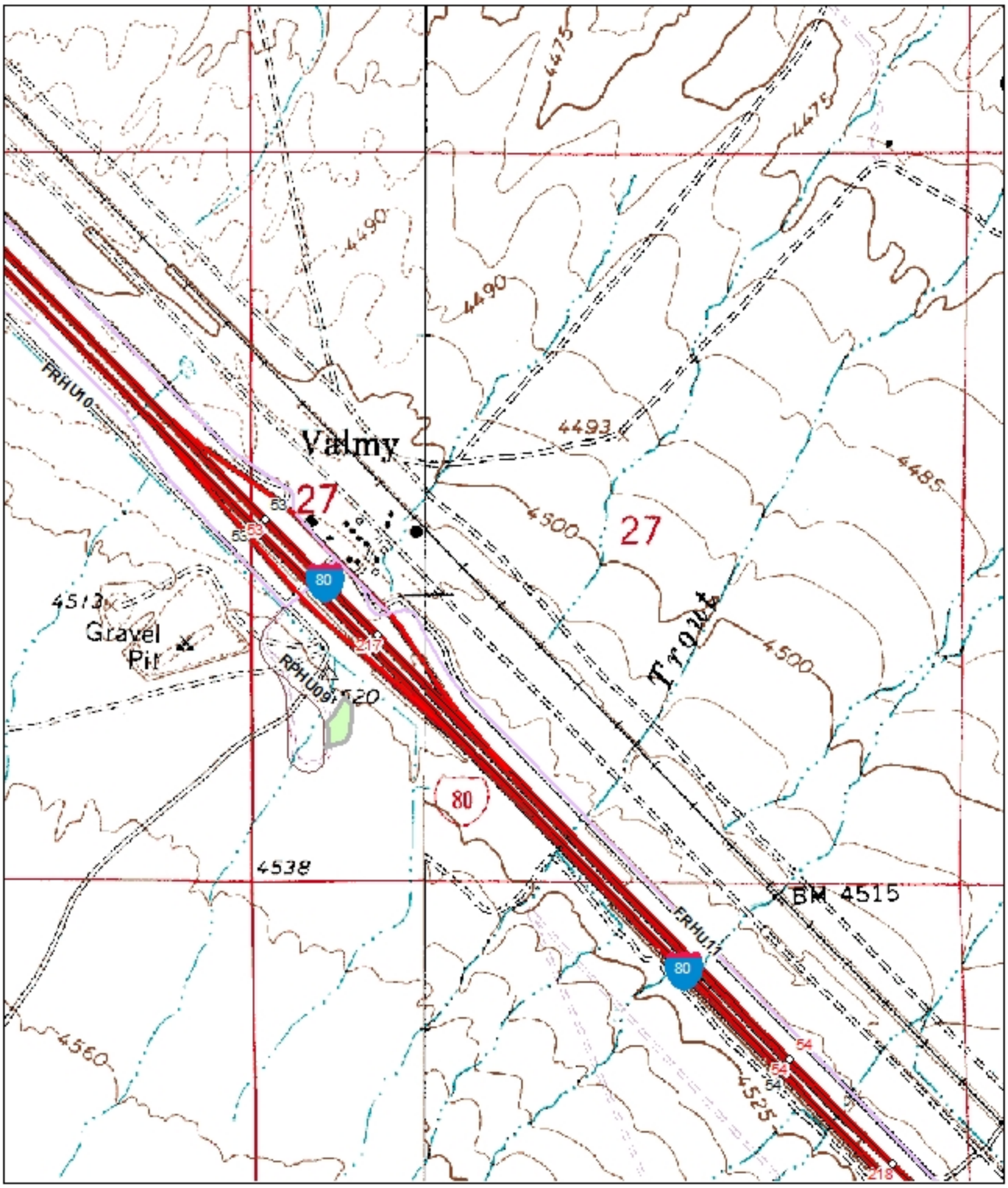
# Material Storage Site
# Location Map
# "Golconda Summit"
# I-80 HU 36.0

0 0.1 0.2 0.4 0.6 0.8 Miles

N
W E
S

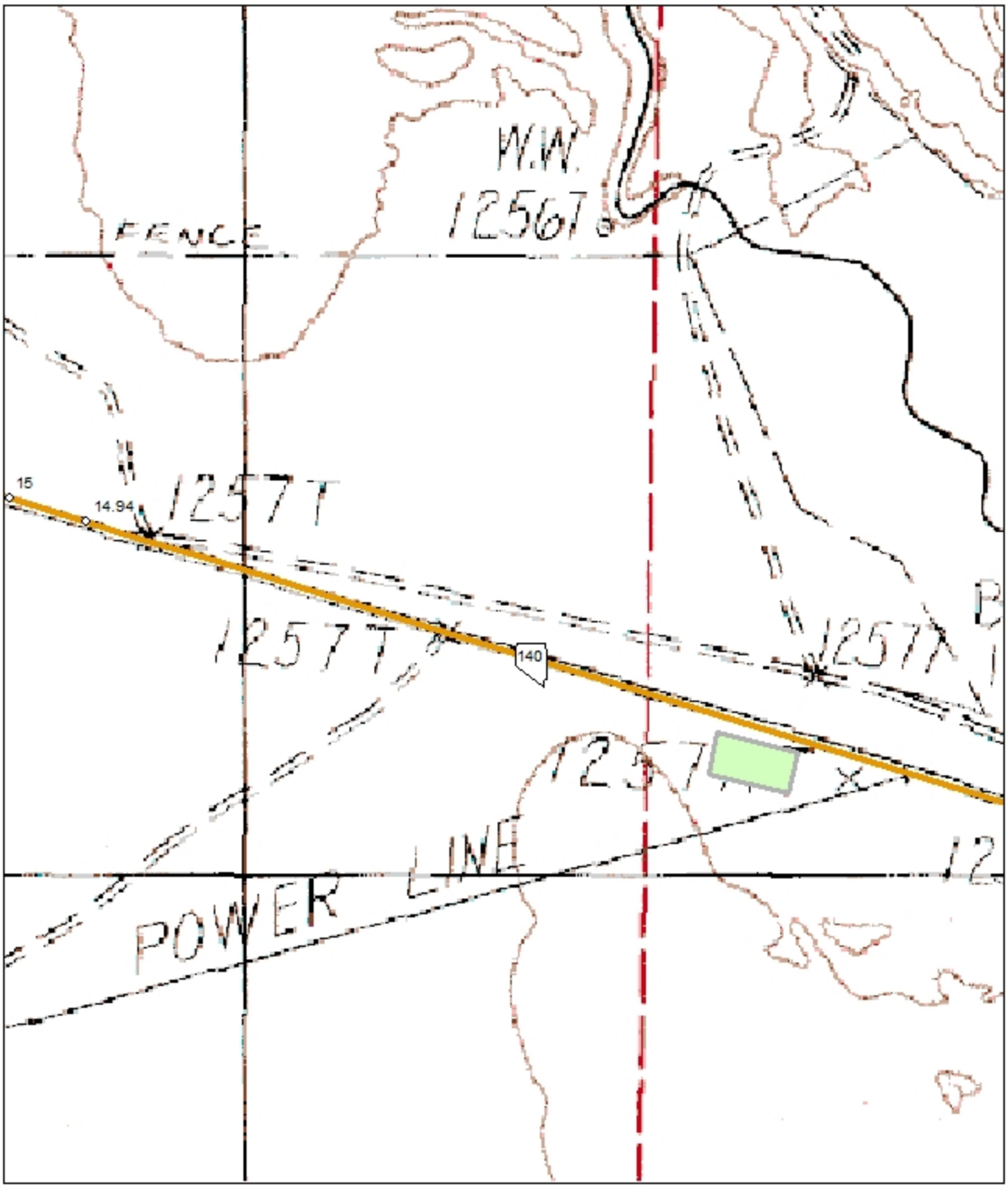
The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Valmy"
# I-80 HU 53.1




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Sod House"
# SR-140 HU 14.5

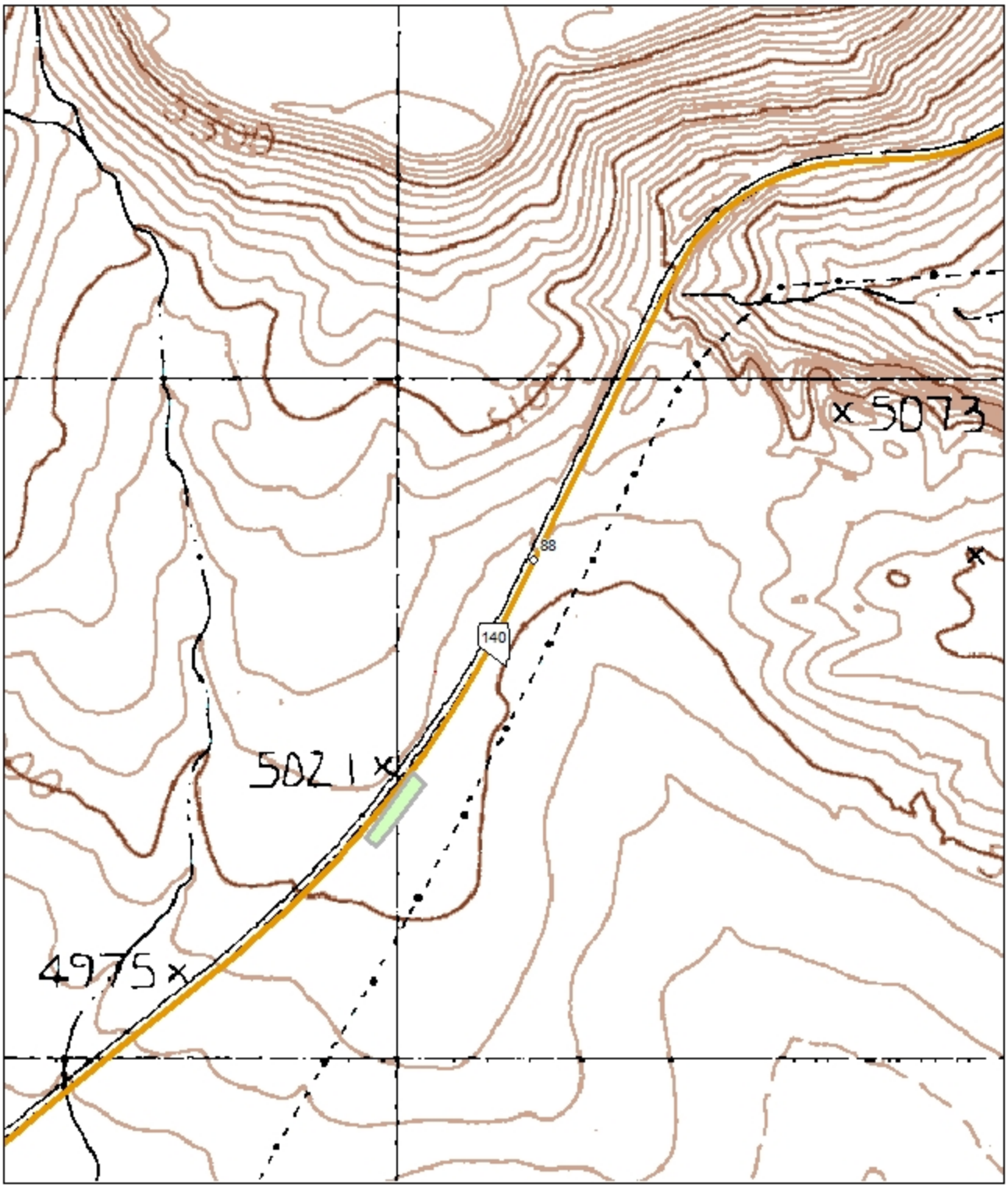



0 0.0425 0.085 0.17 0.255 0.34 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Thousand Creek"
# SR-140 HU 88.2

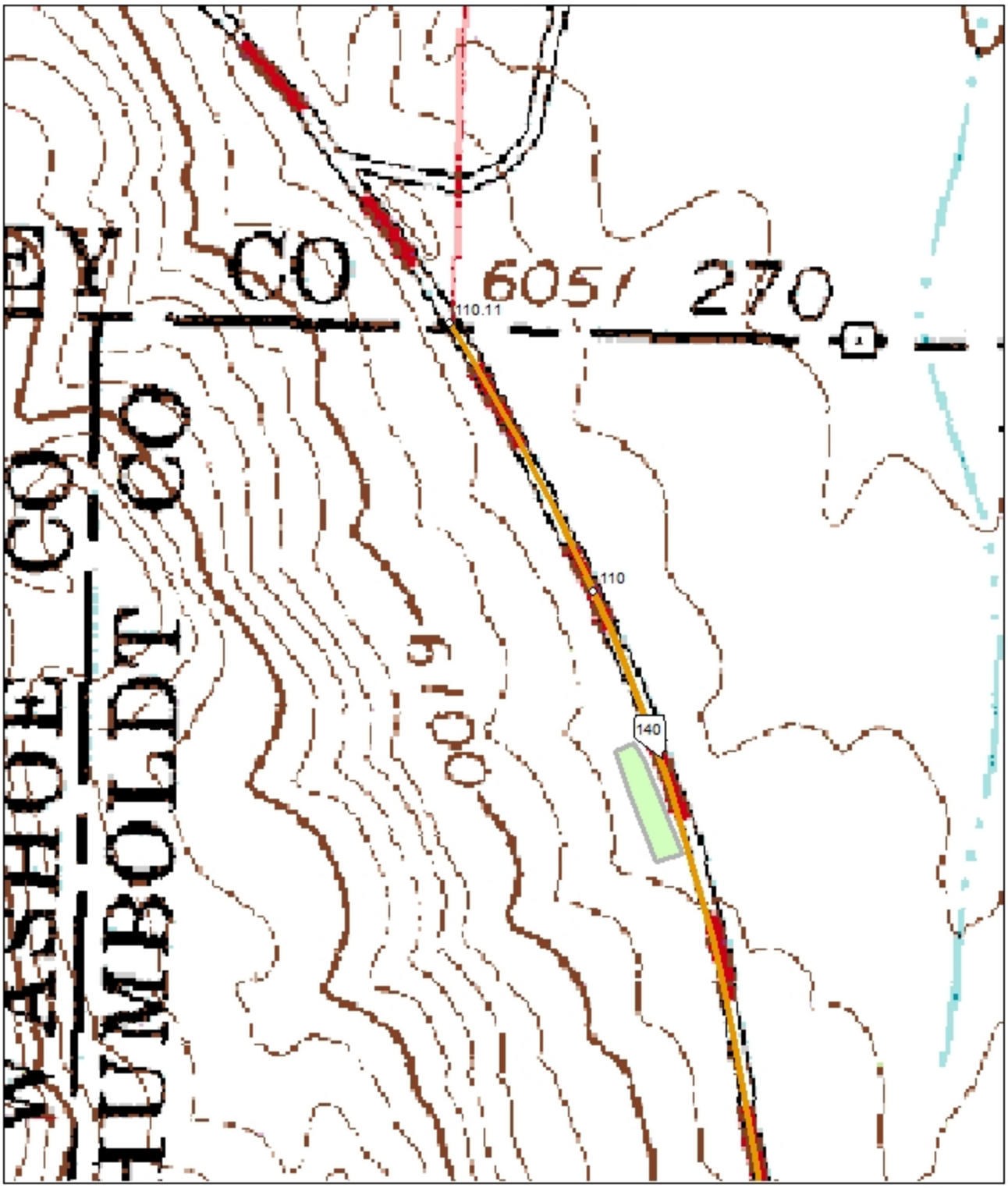



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

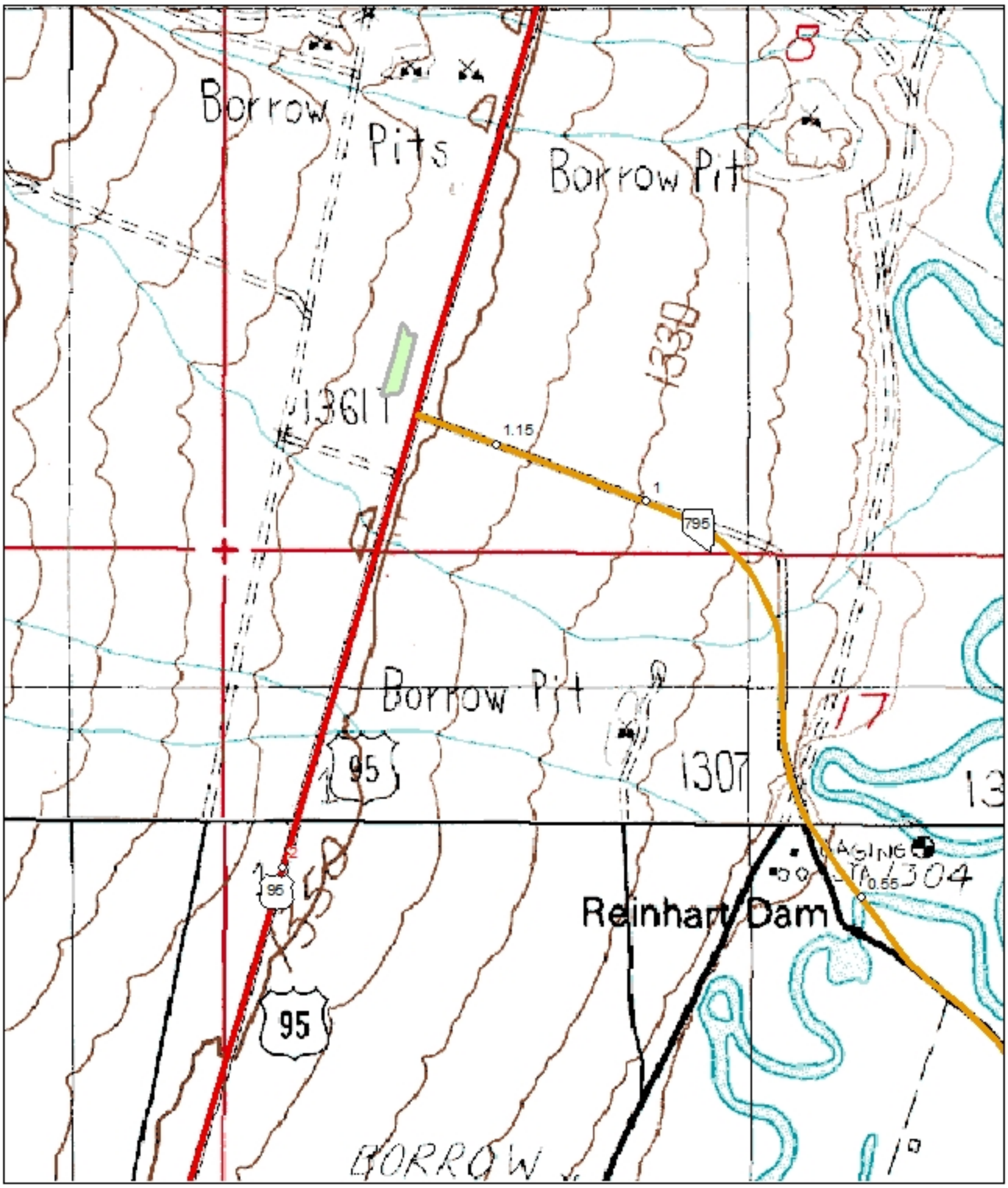
The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Wilson"
# SR-140 HU 109.9




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Reinhart"
# US-95 HU 2.5

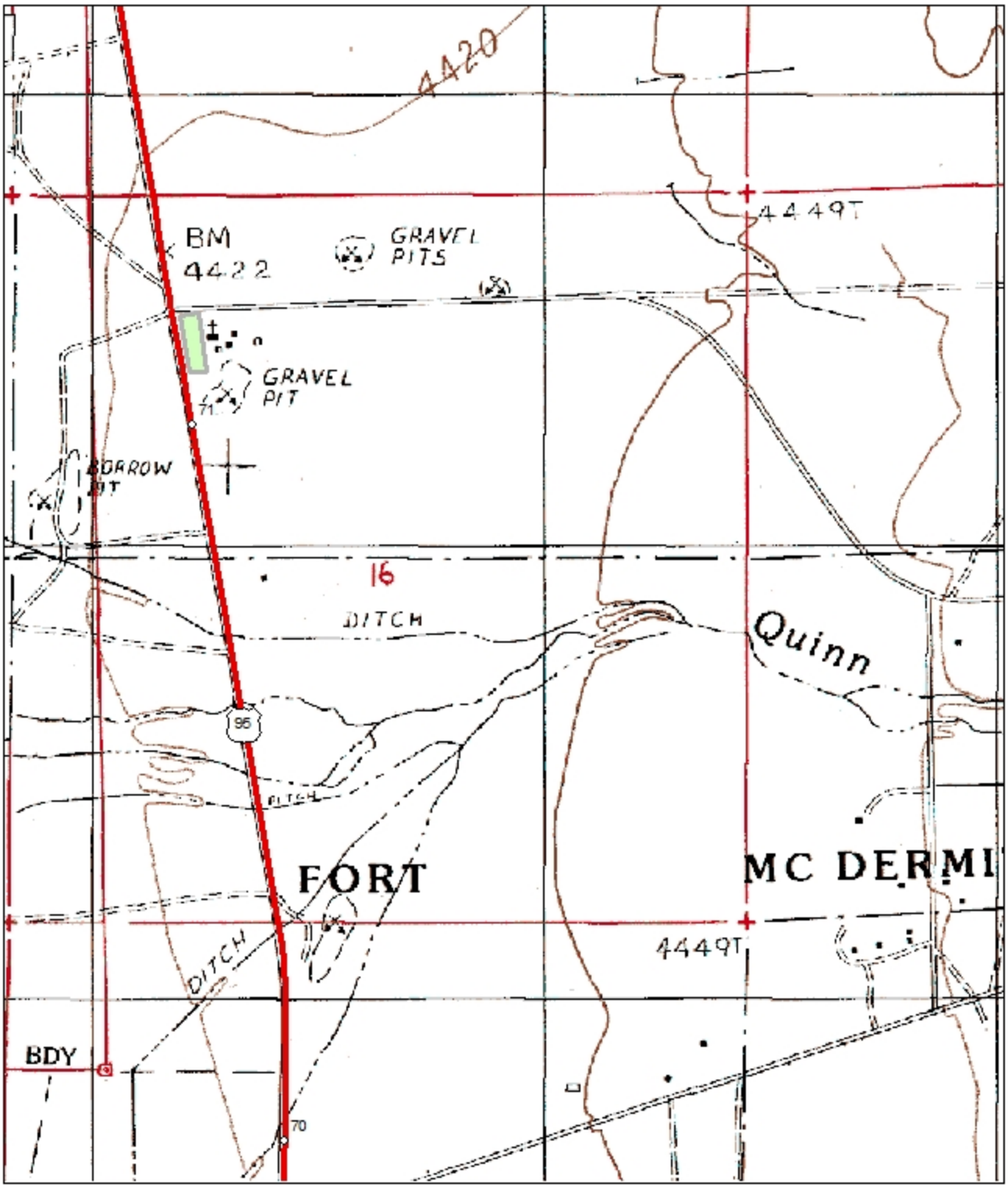



0 0.05 0.1 0.2 0.3 0.4 Miles

N W E S

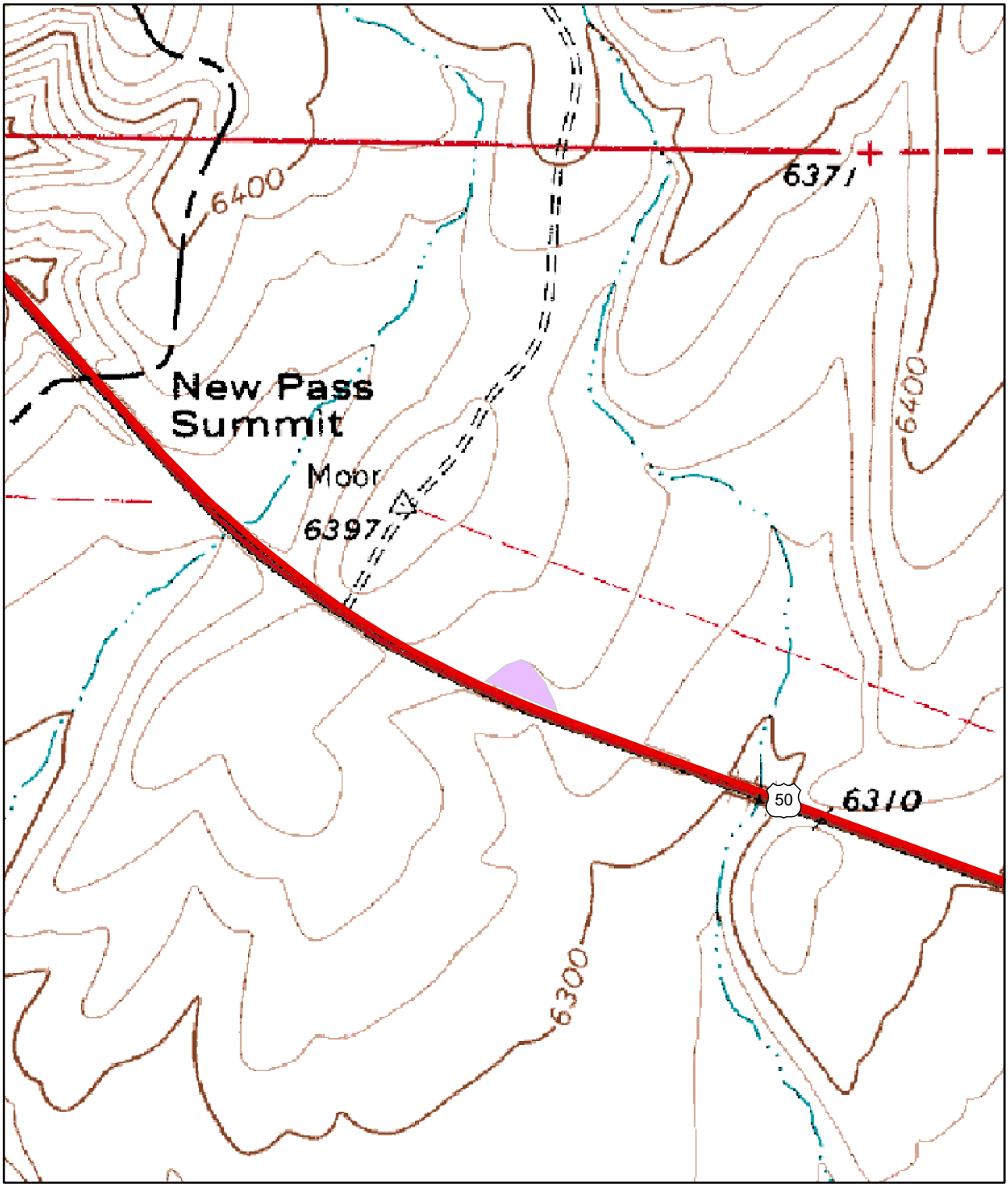
The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "McDermitt"
# US-95 HU 71.1




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "New Pass"
# US-50 LA 0.34

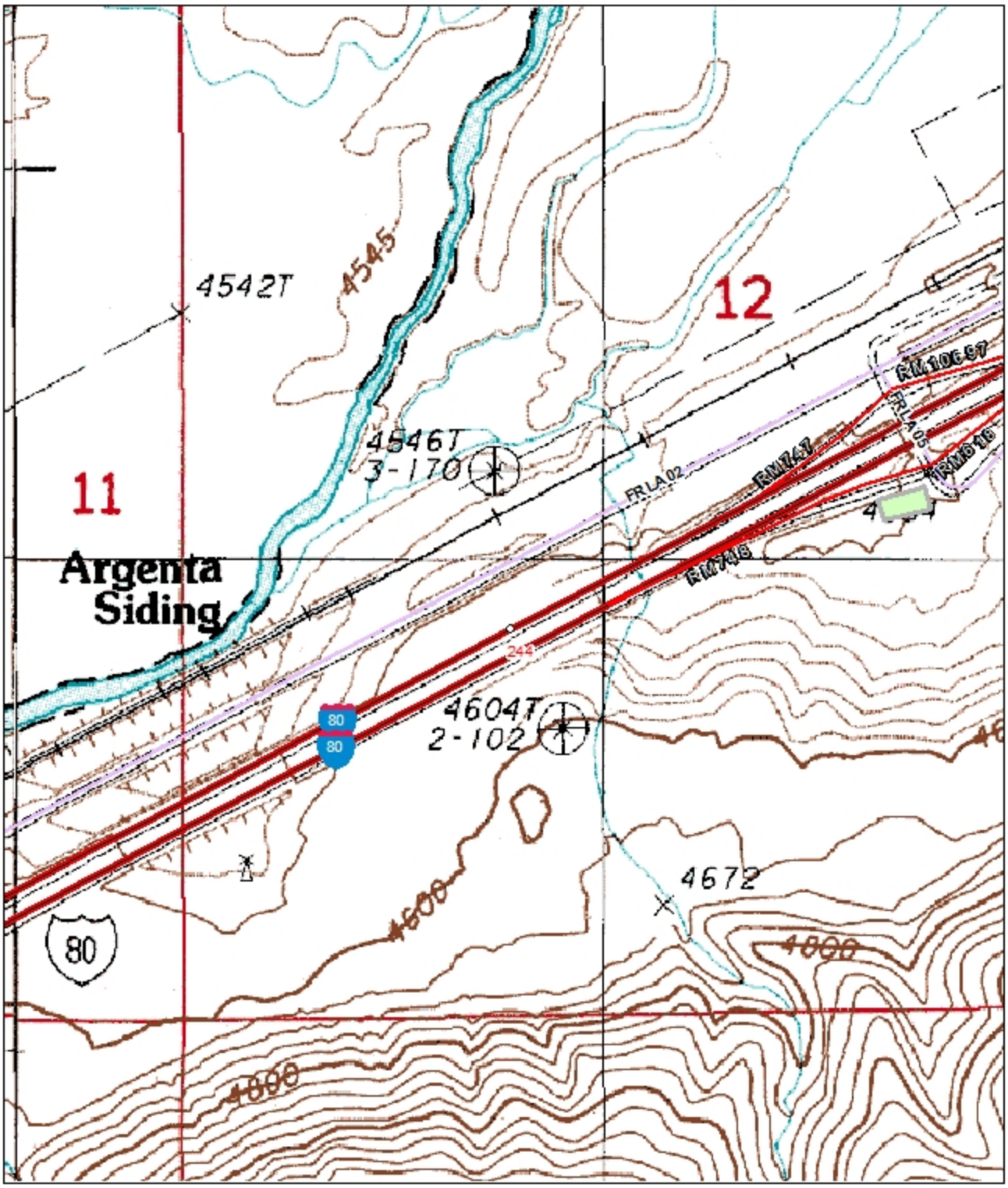



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "purple" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# "Argenta"
# I-80 LA 19.2

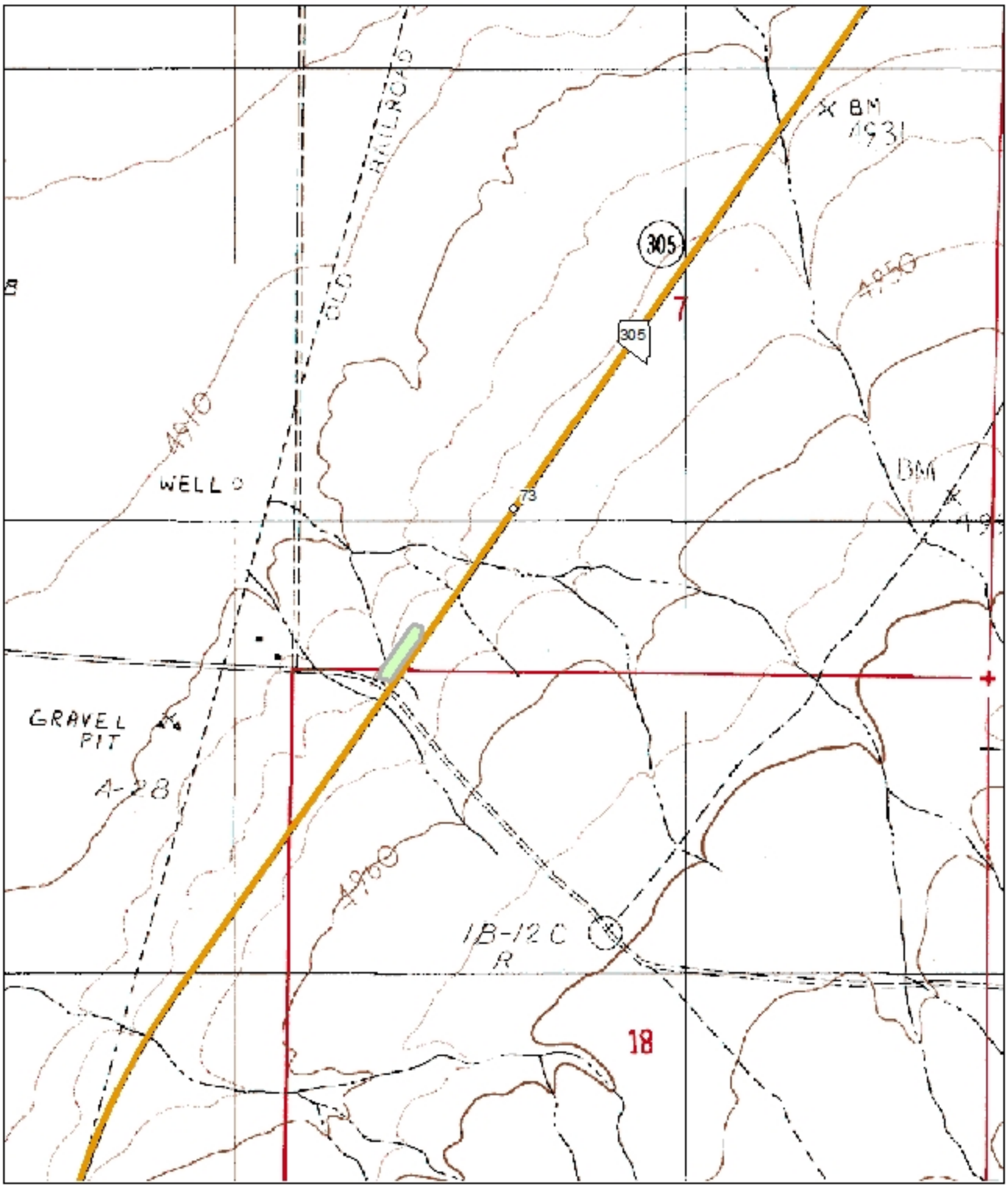



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Antelope Valley"
# SR-305 LA 72.8

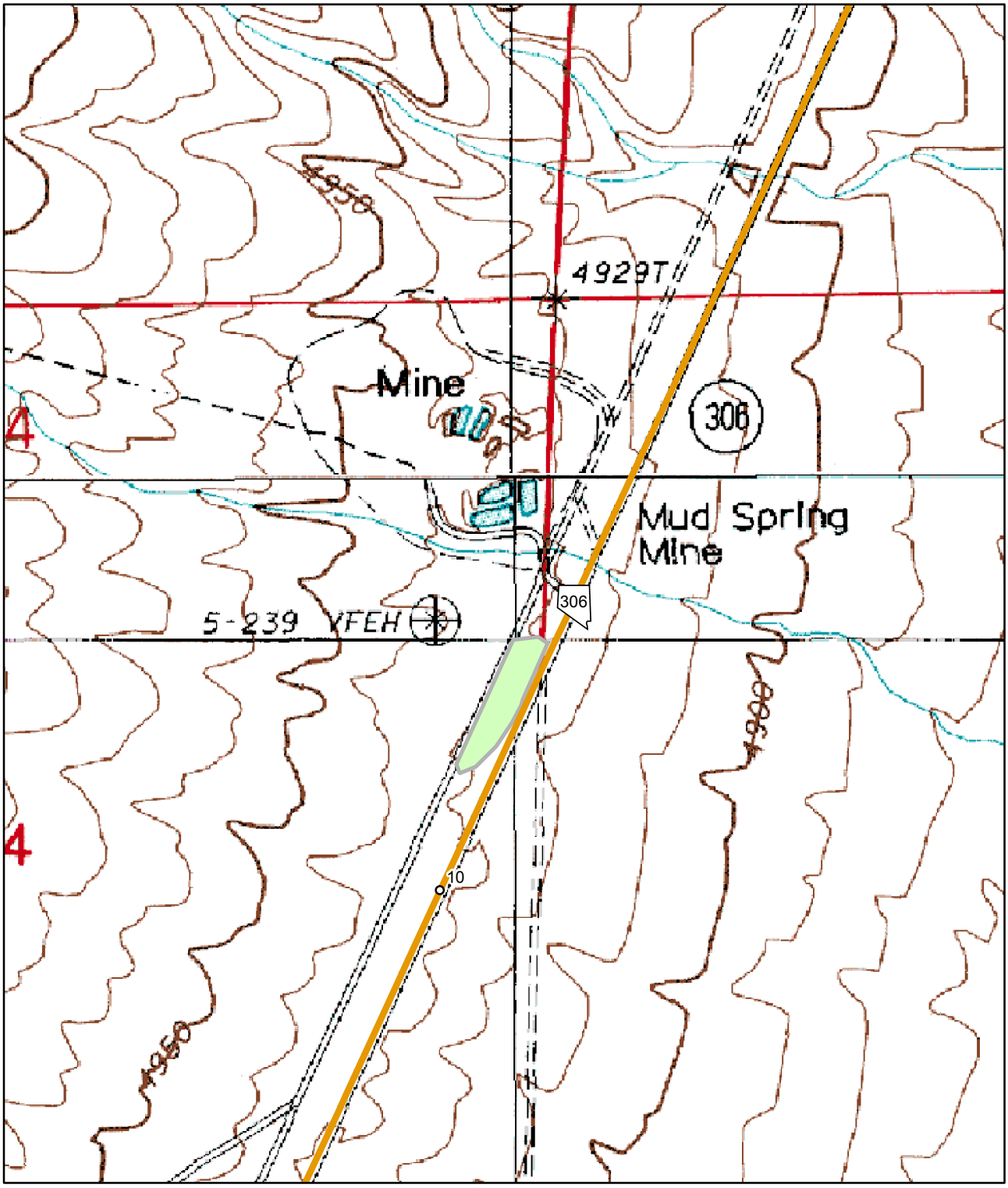



0 0.0750.15 0.3 0.45 0.6 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# SR-306 LA 10.1

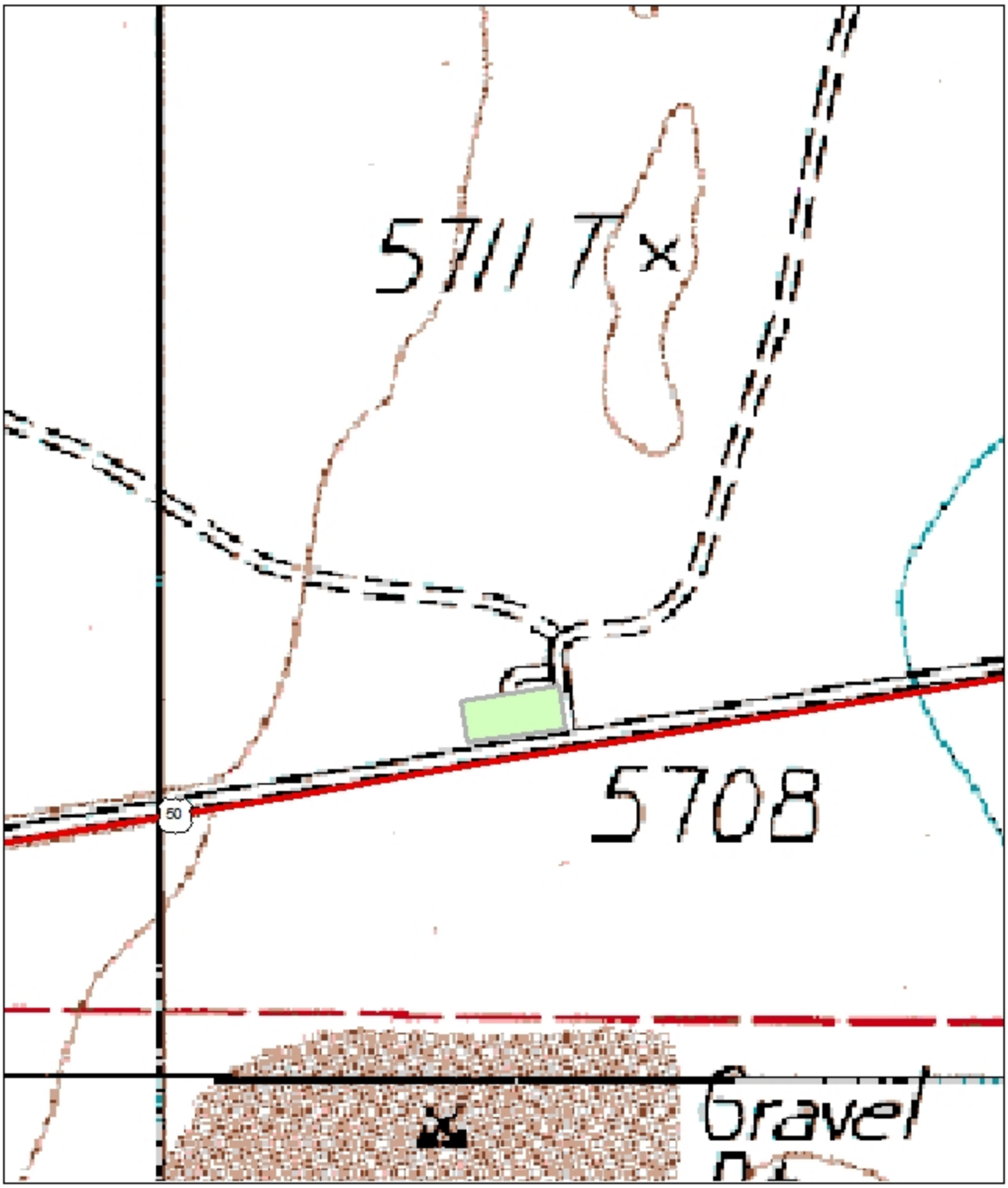



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# "Frog Pond"
# US-50 LA 17.5

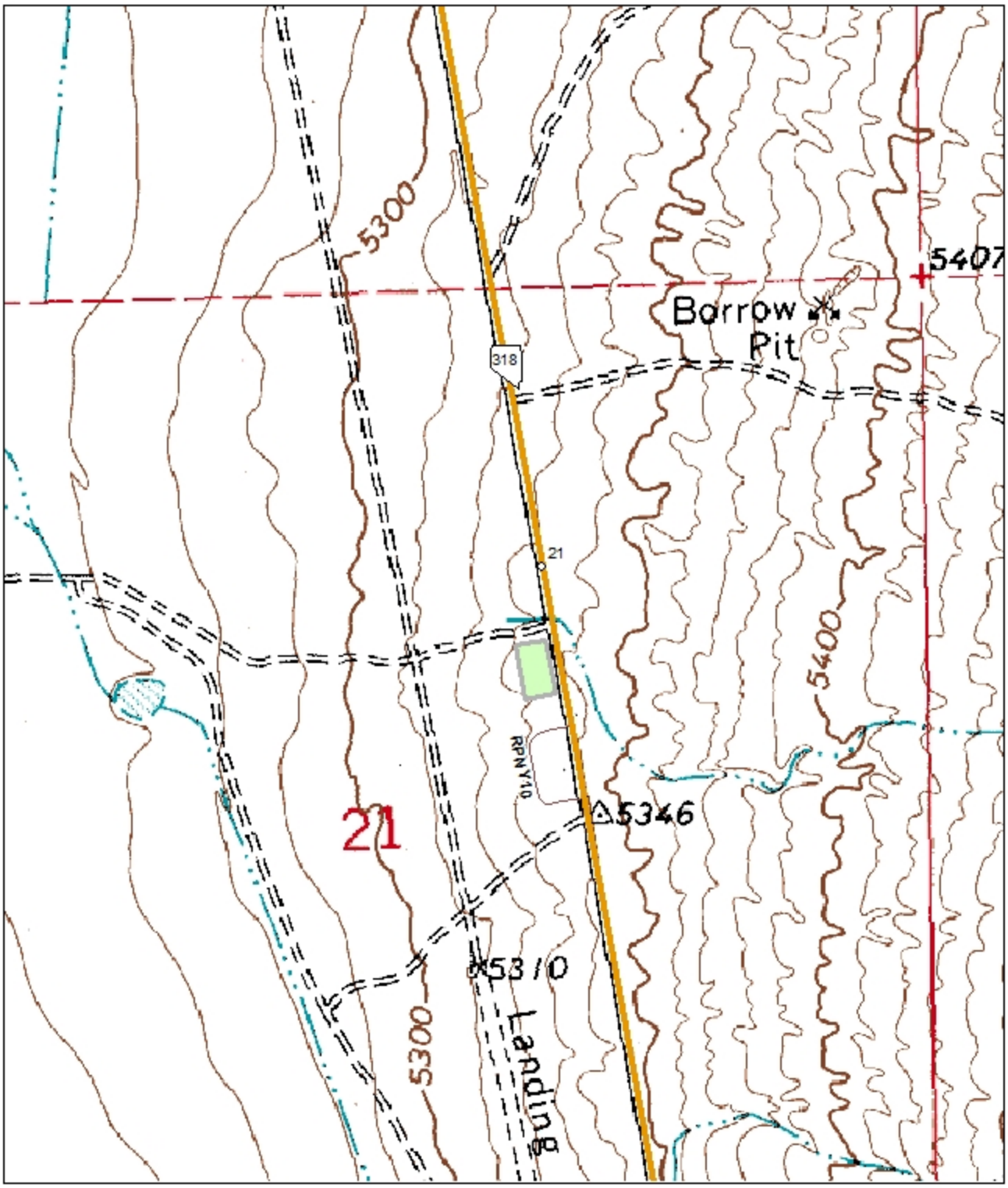



0 0.0275 0.055 0.11 0.165 0.22 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Sunnyside Rest Area"
# SR-318 NY 20.9

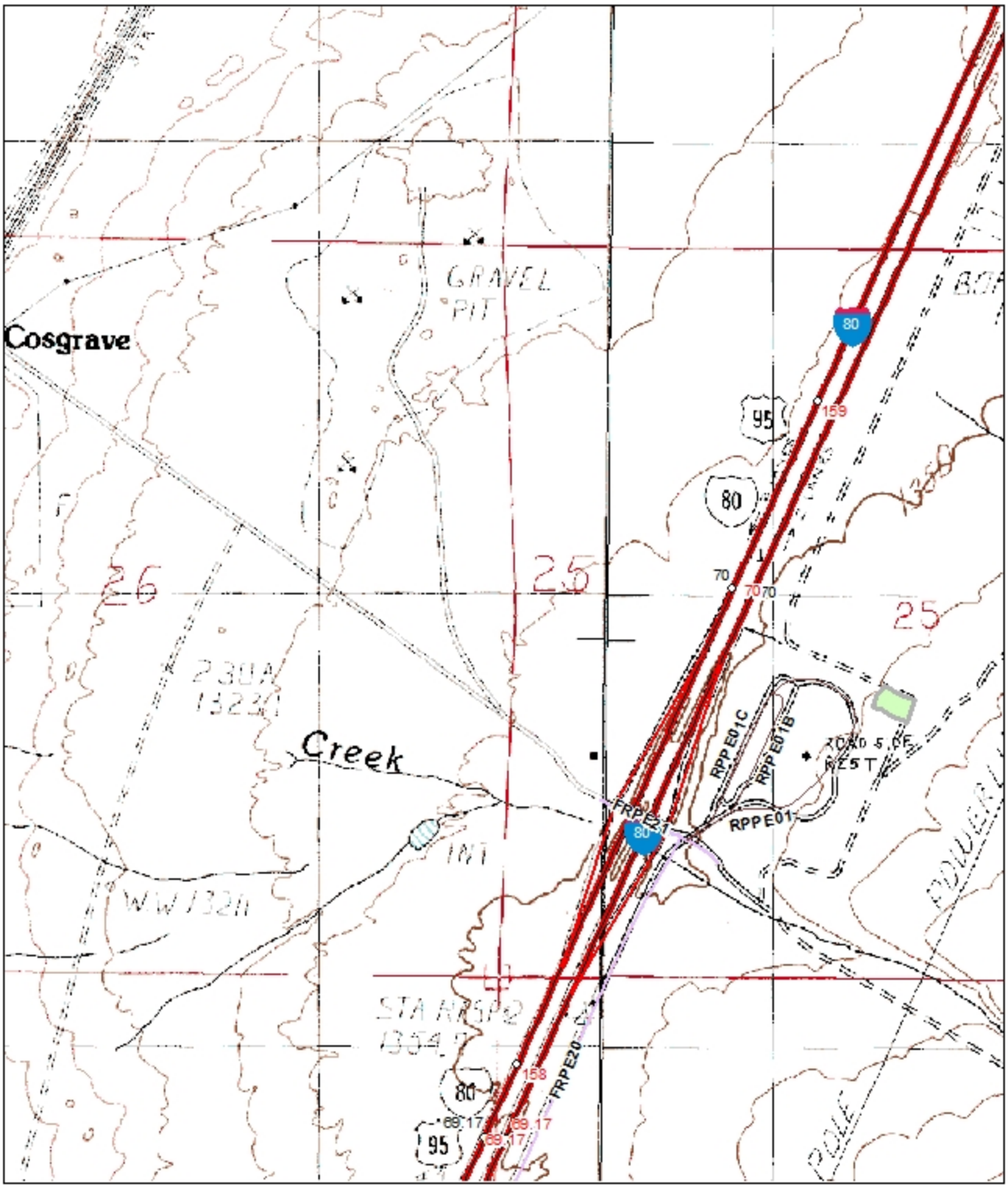



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

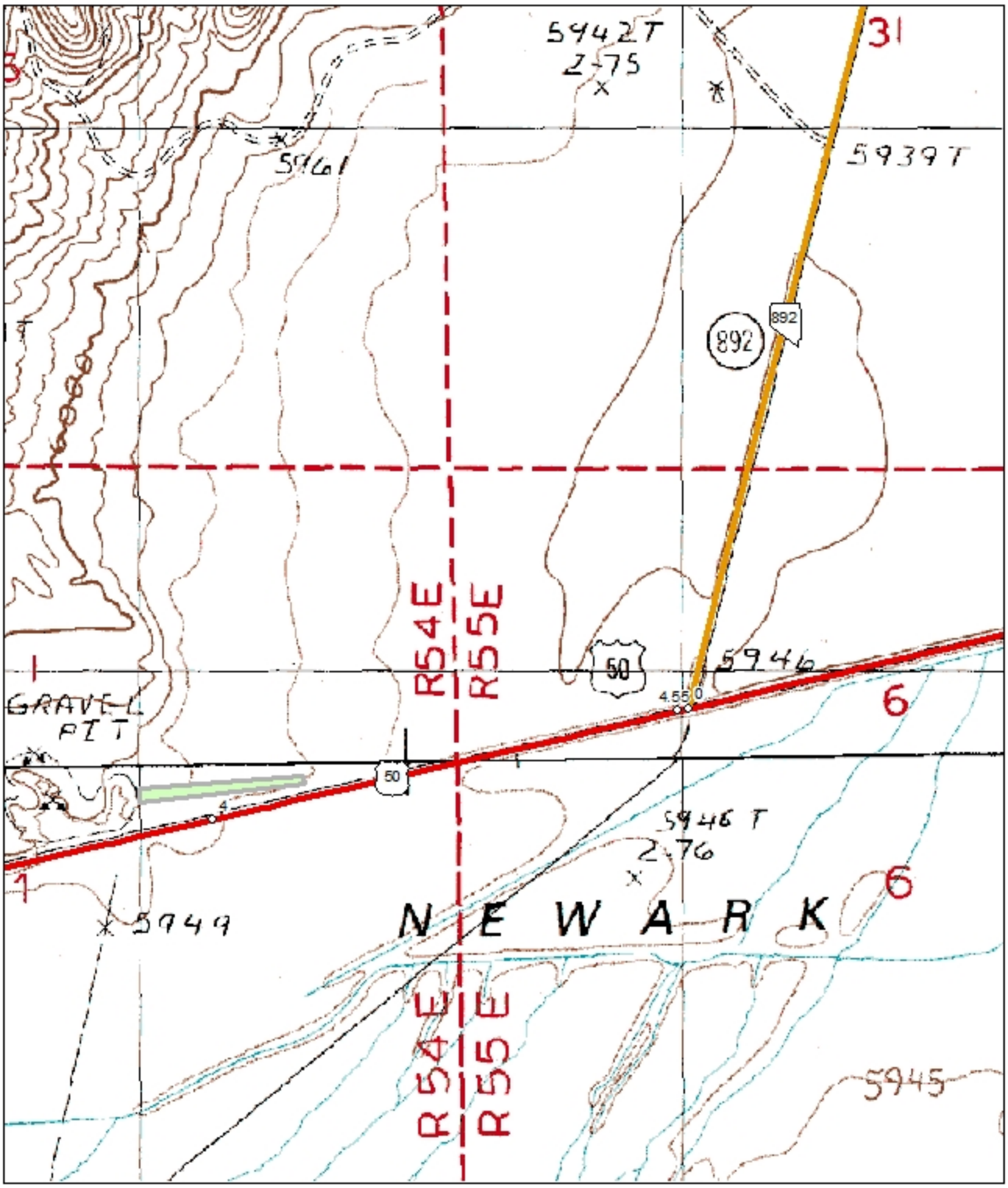
The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Cosgrave"
# I-80 PE 69.7




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# Strawberry
# US-50 WP 4.0

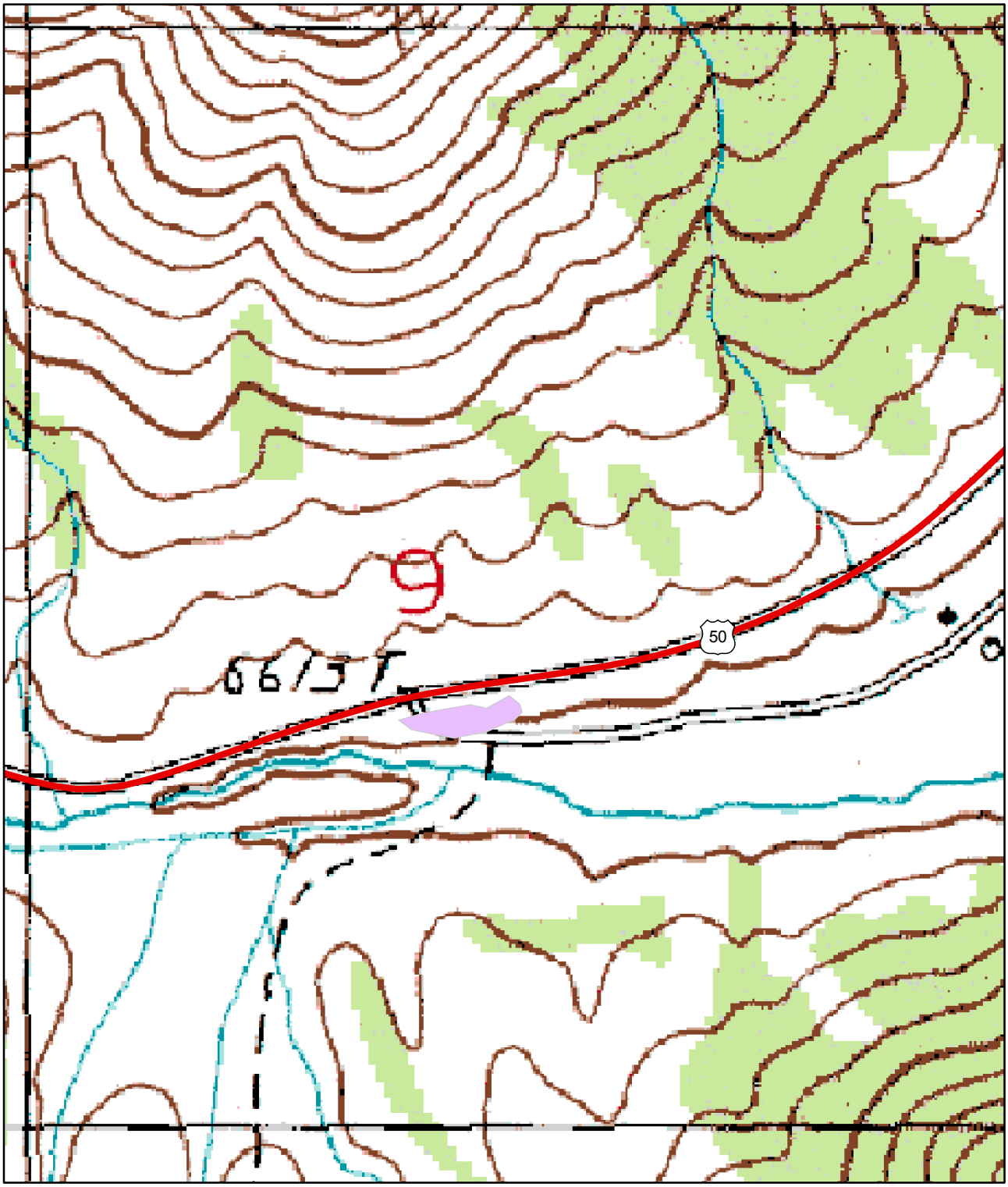



0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# "Moorman Ranch"
# US-50 WP 34.4

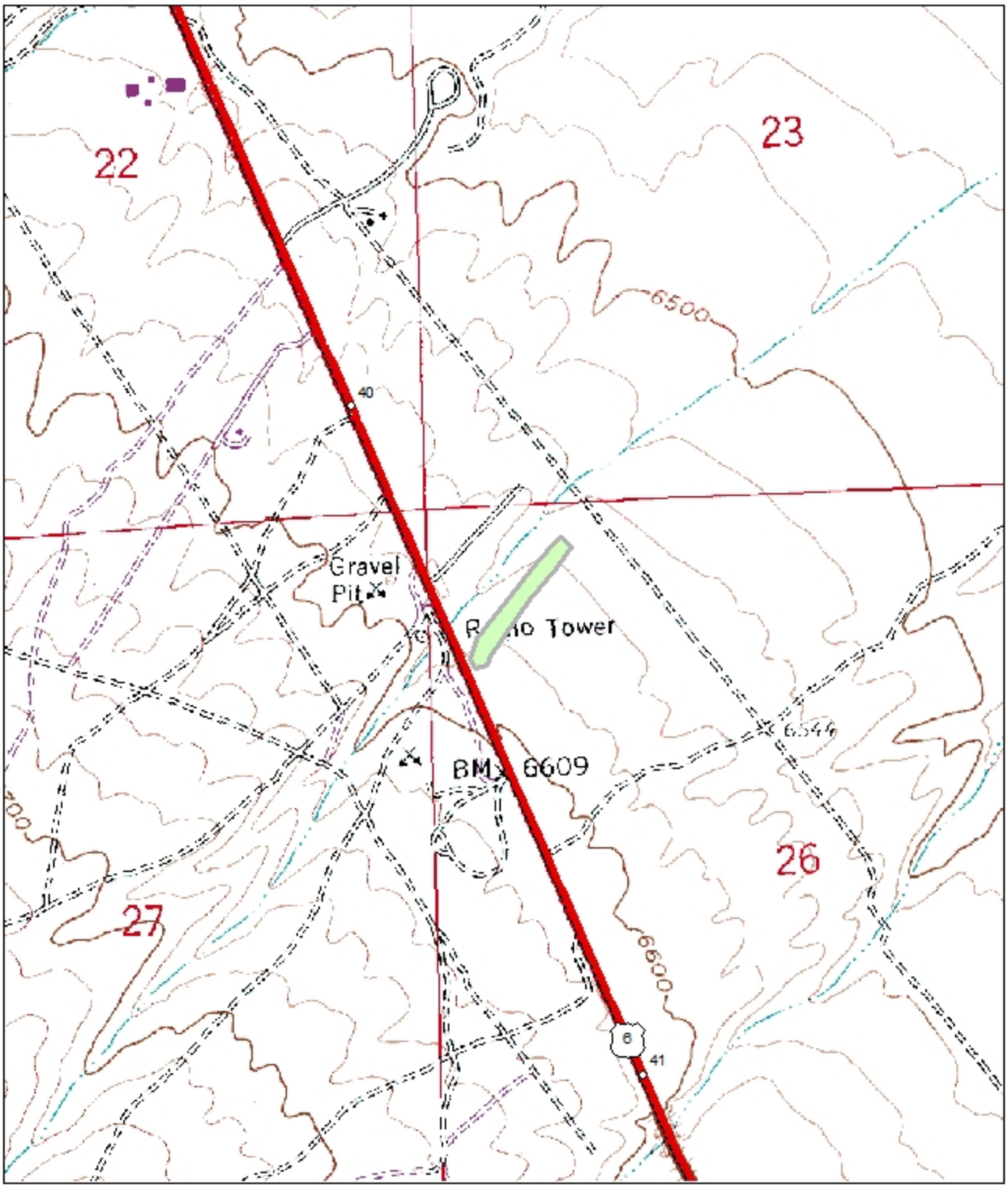



0 0.035 0.07 0.14 0.21 0.28 Miles

N
W E
S

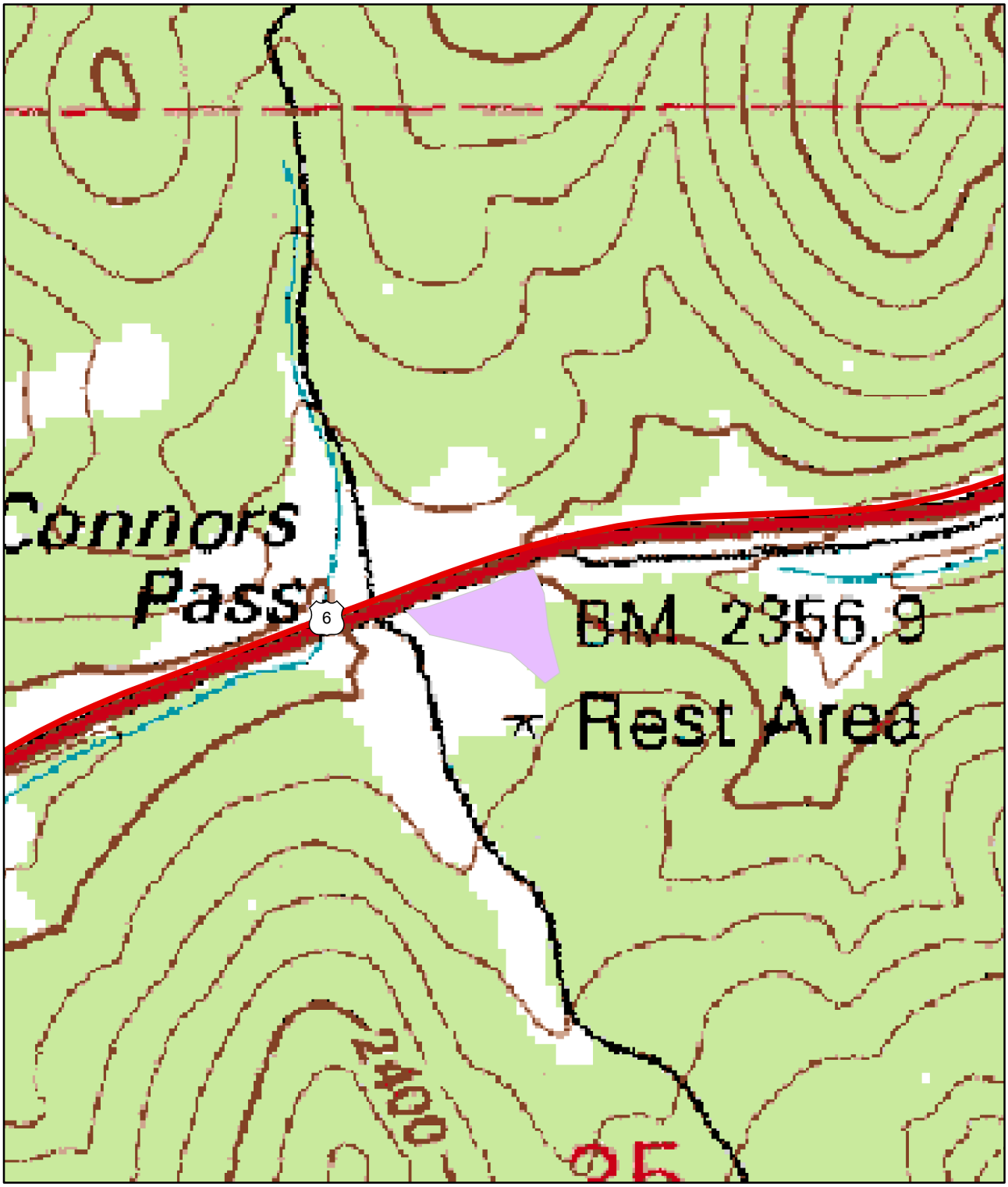
The "purple" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# "Cedar Park"
# US-6 WP 40.4




The "green" shaded area represents the Material Storage Site Facility's property layout.

# Material Storage Site
# Location Map
# US-6 WP 62.8

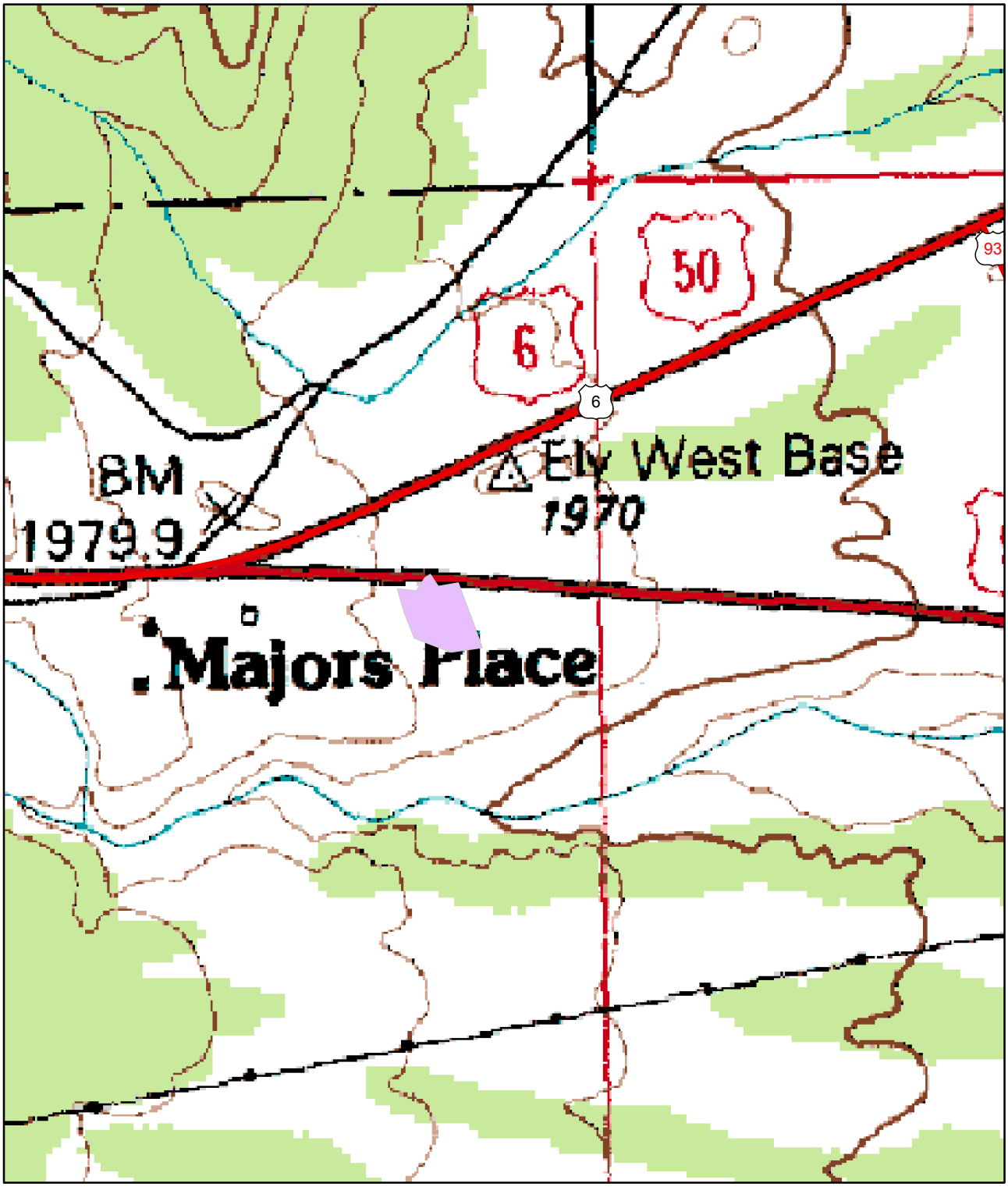



0 0.03 0.06 0.12 0.18 0.24 Miles

N
W E
S

The "purple" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# "Majors Station"
# US-6 WP 65.0

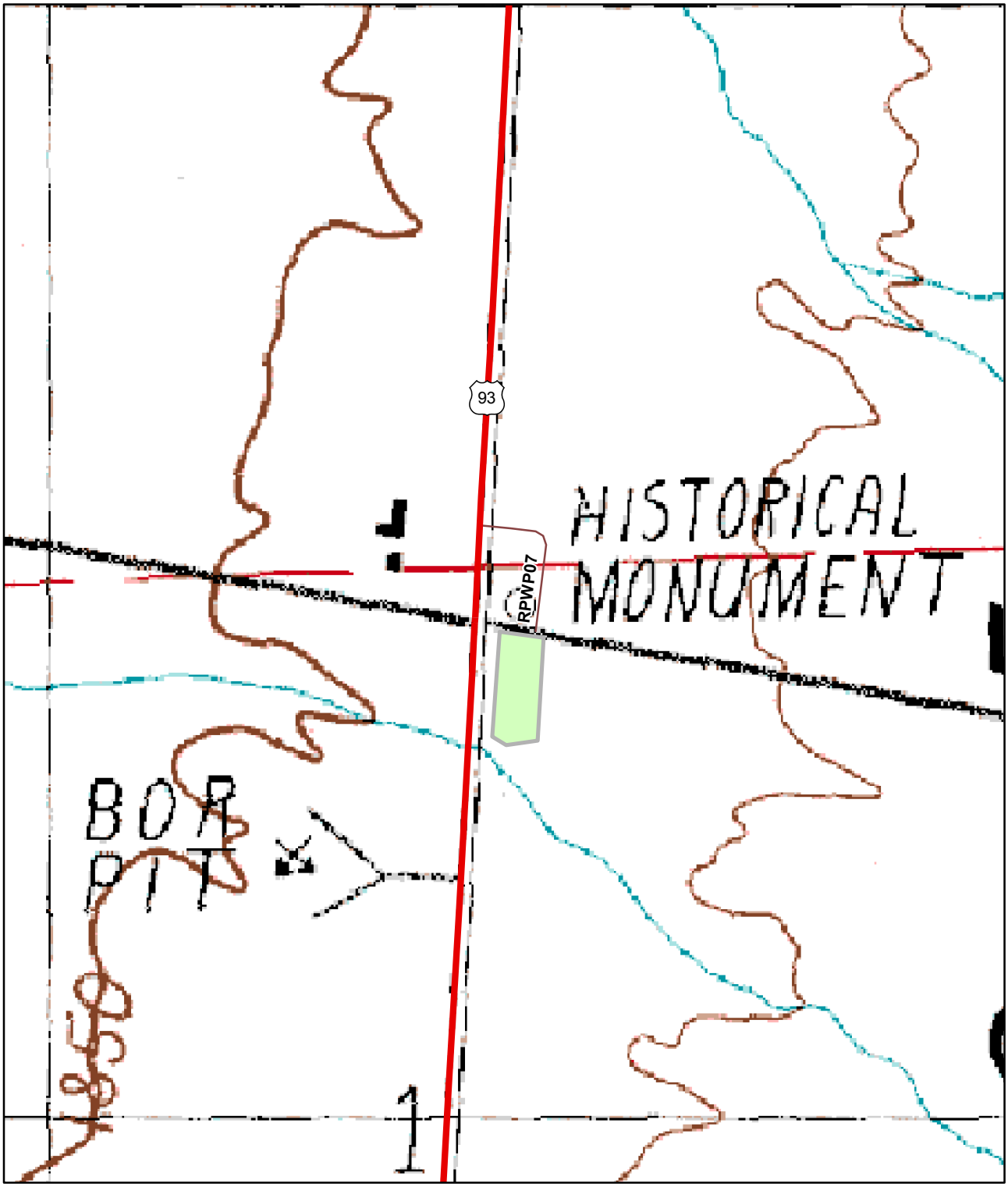



0 0.035 0.07 0.14 0.21 0.28 Miles

N
W E
S

The "purple" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# "Schellborne Station"
# US-93 WP 92.5

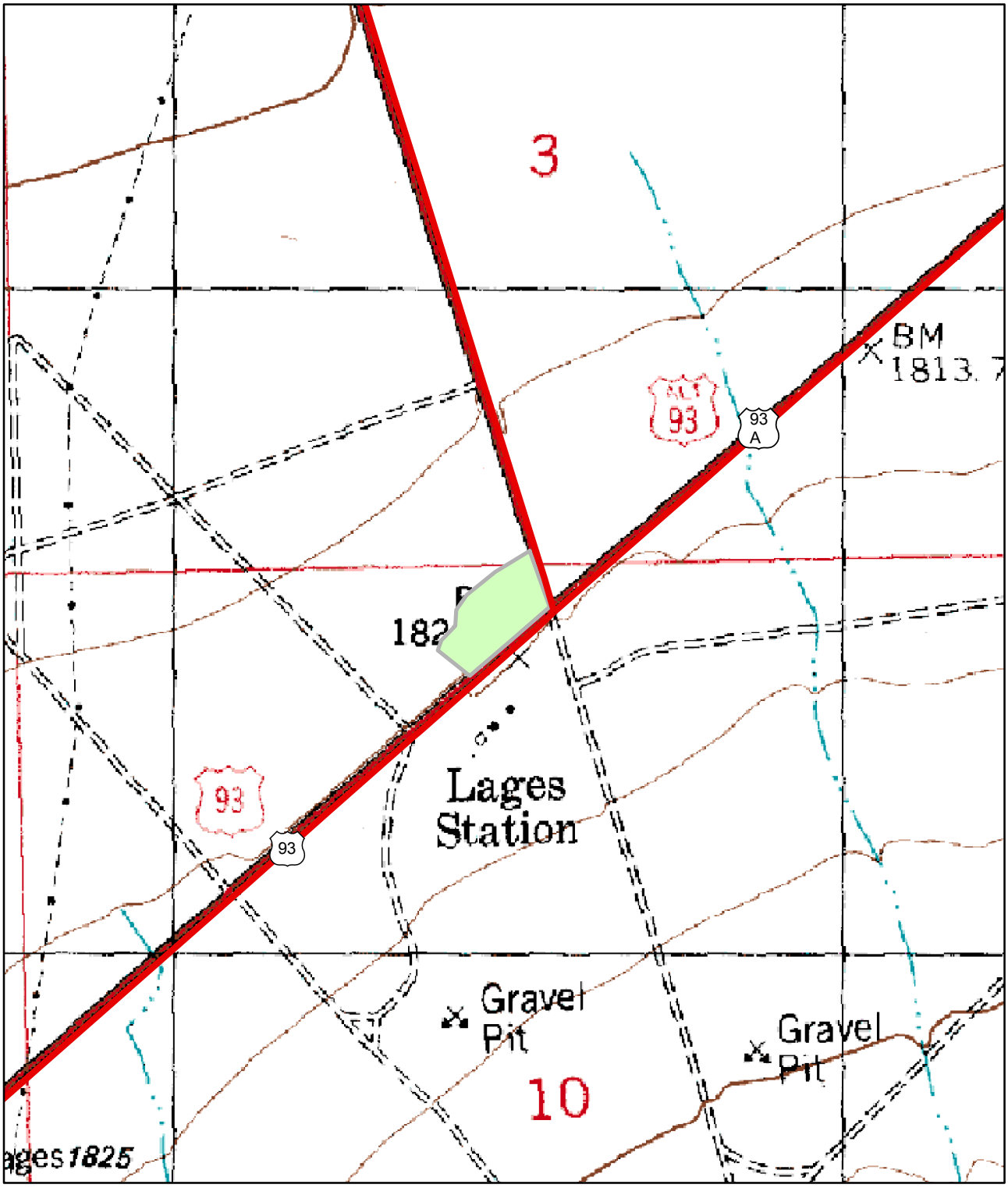



0 0.035 0.07 0.14 0.21 0.28 Miles

N
W E
S

The "green" shaded area represents the Material Site Facility's property layout.

# Material Storage Site
# Location Map
# "Lages Junction"
# US-93 WP 112.8



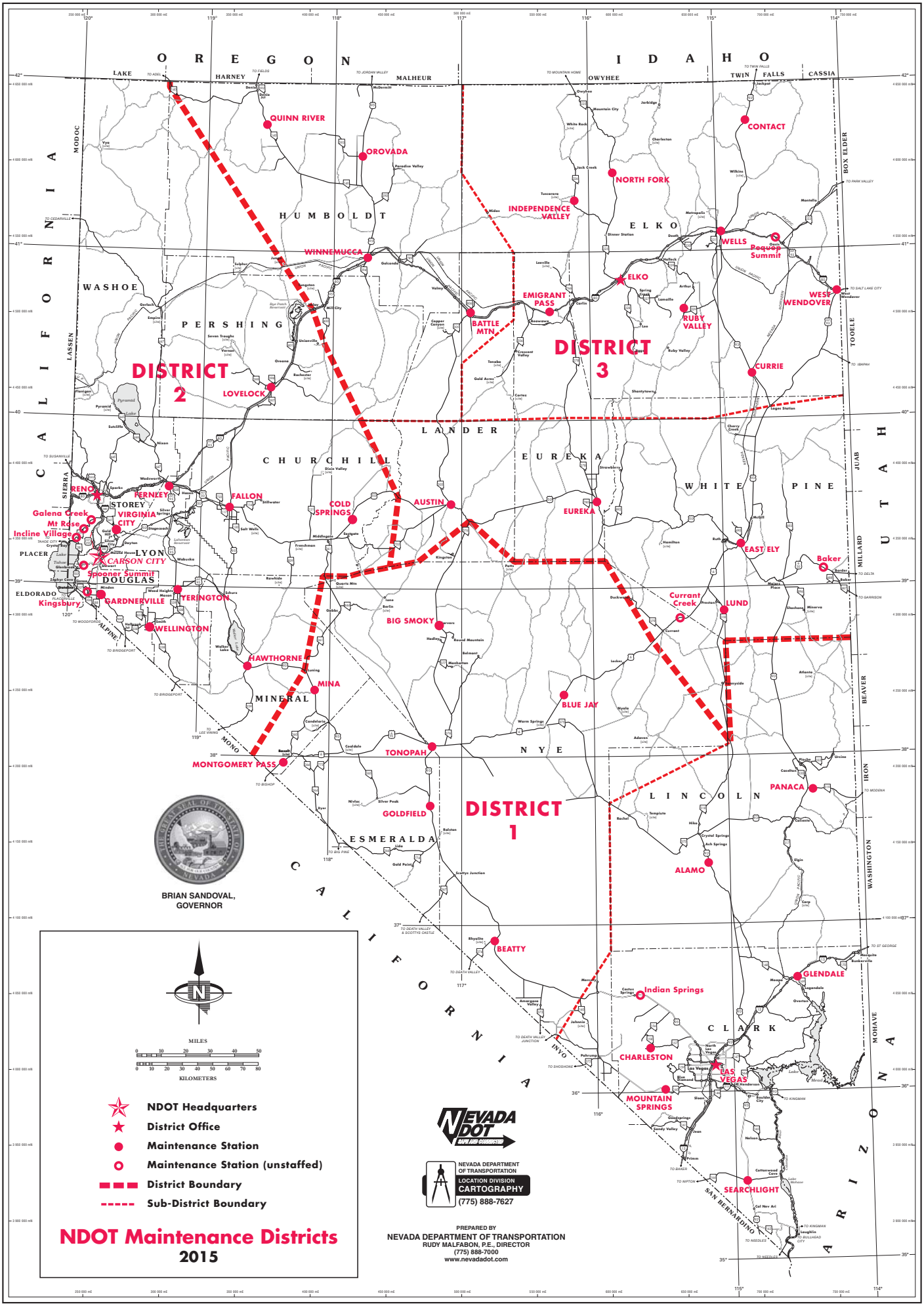

0 0.05 0.1 0.2 0.3 0.4 Miles

N
W E
S

The "green" shaded area represents the Material Site Facility's property layout.

Appendix D

NDOT Maintenance Districts Map


NDOT Maintenance Districts
2015
DISTRICT 1
DISTRICT 2
DISTRICT 3
QUINN RIVER
OROVADA
WINNEMUCCA
LOVELOCK
FALLON
FERNLEY
RENO
Galena Creek
Mt Rose
Incline Village
Spooner Summit
CARSON CITY
GARDNERVILLE
YERINGTON
WELLINGTON
Kingsbury
COLD SPRINGS
AUSTIN
HAWTHORNE
MINA
MONTGOMERY PASS
TONOPAH
GOLDFIELD
BEATTY
BIG SMOKY
BLUE JAY
EUREKA
EAST ELY
LUND
Currant Creek
Baker
PANACA
ALAMO
GLENDALE
Indian Springs
CHARLESTON
LAS VEGAS
MOUNTAIN SPRINGS
SEARCHLIGHT
BATTLE MTN
EMIGRANT PASS
INDEPENDENCE VALLEY
NORTH FORK
ELKO
RUBY VALLEY
WELLS
Pequop Summit
WEST WENDOVER
CONTACT
CURRIE
BRIAN SANDOVAL, GOVERNOR
MILES
KILOMETERS
NDOT Headquarters
District Office
Maintenance Station
Maintenance Station (unstaffed)
District Boundary
Sub-District Boundary
NEVADA DOT
NEVADA DEPARTMENT OF TRANSPORTATION
LOCATION DIVISION
CARTOGRAPHY
(775) 888-7627
PREPARED BY
NEVADA DEPARTMENT OF TRANSPORTATION
RUDY MALFABON, P.E., DIRECTOR
(775) 888-7000
www.nevadadot.com

# Appendix E

# Miscellaneous Site Specific Information

Las Vegas-South Major Maintenance Facility

Southern Nevada Health District

October 22, 2015

Mohamed Rouas
Nevada Department of Transportation
123 E Washington Ave
Las Vegas, NV 89101

**SUBJECT: NEVADA DEPARMENT OF TRANSPORTATION (SB007-XXX-01) PERMIT TO OPERATE A SOLID WASTE MANAGEMENT FACILITY**

Dear Mr. Rouas:

The Southern Nevada Health District recently adopted new Solid Waste Management Authority Regulations. Enclosed is your new permit that has been revised with a new permit number and to reflect the changes to the regulations including the types of Solid Waste Management Facilities.

The operation of the facility must follow SNHD's approval. Changes and modifications to the permit must be approved by SNHD Environmental Health before those changes and modifications can occur. Failure to do so could result in permit revocation and enforcement action.

Having been granted this new permit, this facility shall maintain the permit subject to the requirements of the SWMA REGULATIONS.

Sincerely,

Walter Ross, P.E., R.E.H.S.
Environmental Health Engineer/Supervisor

Jackie L. Reszetar, R.E.H.S.
Environmental Health Director

WR:JLR:csc

Encl: PERMIT TO OPERATE A SOLID WASTE MANAGEMENT FACILITY

Dist: Brian Northam, Environmental Health Supervisor, Solid Waste and Compliance
Clark County Business Licensing

| | |
|---|---|
| SOUTHERN NEVADA DISTRICT BOARD OF HEALTH<br>**PERMIT TO OPERATE A SOLID WASTE MANAGEMENT FACILITY** | **CONTROL NUMBER**<br>**SB007-XXX-01**<br><br>**NEVADA DEPARTMENT OF TRANSPORTATION (NDOT)** |

**1. TYPE OF SOLID WASTE MANAGEMENT FACILITY:** SOLID WASTE STORAGE BIN FACILITY

| 2. Name & Location of Facility | 3. Name & Address of Facility Owner | 4. Name & Address of Facility Operator |
|---|---|---|
| Nevada Department of Transportation<br>District One<br>4615 West Sunset Road,<br>Las Vegas, NV 89118<br><br>Telephone Number: (702) 385-6500<br>Parcel Number: 177-06-101-025<br>Zone: P-F, Public Facility | Nevada Department of Transportation<br>1263 South Stewart Street,<br>Carson City, NV 89701<br><br>Telephone Number: (702) 385-6500 | Nevada Department of Transportation<br>123 East Washington Avenue,<br>Las Vegas, NV 89101<br><br>Telephone Number: (702) 385-6500 |

**5. Design Parameters:**

| *Outside Area:* | *Storage Capacity:* | *Processing Capacity:* |
|---|---|---|
| 595,322 square feet | 705 cubic yards | 70 cubic yards/week |

**6. Solid Waste Approved for Processing:**
Construction and Demolition debris, ferrous and non-ferrous metals, glass, paper, plastic, textiles, tires, wood, and yard debris.

**7. Prohibitions:**
Other than approved above: asbestos and asbestos containing material, CFC containing waste or the release of CFCs, contained gaseous material, hazardous waste, liquid waste, medical waste, PCB wastes, putrescible waste, radioactive waste, special solid waste, and stolen items.

**8. The following documents as approved by the Southern Nevada Health District (District) also describe and/or restrict the operation of this facility and are incorporated as conditions:**
(1) Application for Permit to Operate a Construction and Demolition Waste Short-Term Storage Facility, received May 14, 2012, (Initial Application), as amended.
(2) Control Number and Type of Solid Waste Management Facility updated by SNHD to conform to the Solid Waste Management Authority Regulations Governing the Management of Solid Waste, adopted August 27, 2015.

**9. The following conditions are also incorporated:**
(1) This Facility, including all operations, must be in conformance with the information submitted in the Application for a Permit to Operate a Construction and Demolition Waste Short-Term Storage Facility, received May 14, 2012, as amended.
(2) This Facility, including all Operations, must be at all times in compliance with the latest revision of the Solid Waste Management Authority Regulations Governing Solid Waste Storage Bin Facilities and all other applicable federal, state, and local laws, statutes and regulations.
(3) This Facility must maintain approval for a waiver of the Regulations, Chapter 3-8.01(B) (4), to allow storage of solid waste outside of waste storage bins, trucks, trailers, and/or containers.
(4) This Facility must maintain approval for a waiver of the Regulations, Chapter 3-8.01(B) (1), to allow conveyance (processing) of waste material.
(5) This Facility must maintain approvals for applicable land uses(s) and maintain applicable business license(s) and permits.
(6) This Facility will maintain the mechanism of Financial Assurance and update as needed on an annual basis.

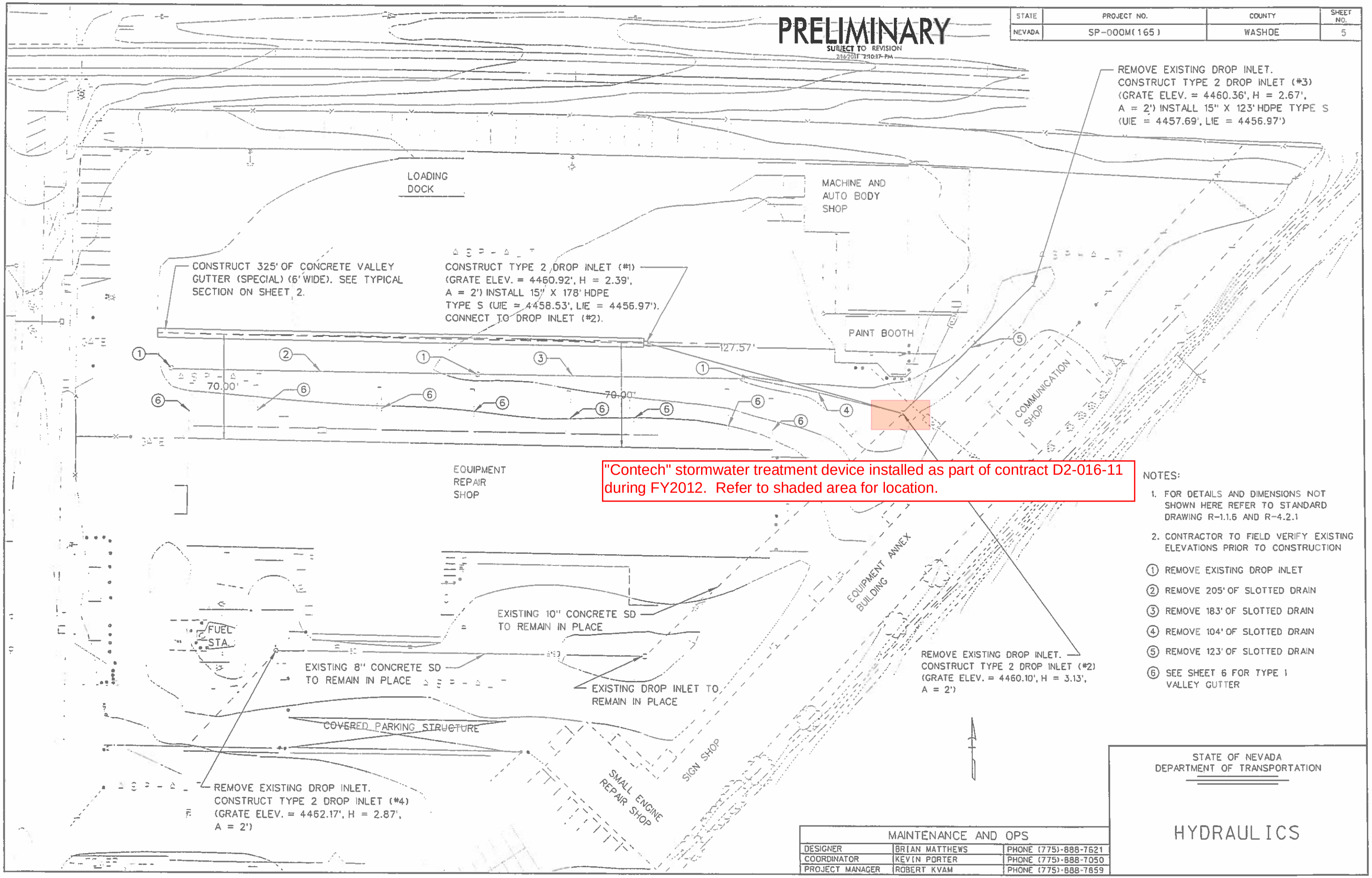
**10.** This permit is granted based on the information provided in the original application, and subsequent amendments approved by the Southern Nevada District Board of Health, and any subsequent modifications or amendments approved by the District, and may be modified if the statutes or regulations upon which the permit is based change, or if a modification is otherwise necessary in the interest of public health and safety, and the environment. Any discrepancies between information contained in the application and the actual construction and operation of the facility may be grounds for revocation and enforcement action. The business owner/operator must inform the District of any deviation from or change in the information in the application which may affect their ability to comply with applicable regulations and other legal requirements imposed, or conditions of this permit. All reports, notifications, or other submissions which are required by this Permit must be submitted by the specified due date to the Solid Waste & Compliance Section, Southern Nevada Health District, 330 South Valley View Blvd., Las Vegas, NV 89107 or mailed to the Solid Waste & Compliance Section, Southern Nevada Health District, P.O. Box 3902, Las Vegas, NV 89127.

| Signature of Approving Authority: | Name and Title of Approving Authority: | Date of Permit: October 9, 2015 |
|---|---|---|
| Jacqueline D. Reszetar | Jackie L. Reszetar, REHS<br>Director of Environmental Health | Initial Permit: September 11, 2012 |

Reno/Sparks Major Maintenance Facility

| STATE | PROJECT NO. | COUNTY | SHEET NO. |
|---|---|---|---|
| NEVADA | SP-000M(165) | WASHOE | 5 |

PRELIMINARY
SUBJECT TO REVISION
2/16/2011 2:10:17 PM




"Contech" stormwater treatment device installed as part of contract D2-016-11 during FY2012. Refer to shaded area for location.

NOTES:

1. FOR DETAILS AND DIMENSIONS NOT SHOWN HERE REFER TO STANDARD DRAWING R-1.1.6 AND R-4.2.1
2. CONTRACTOR TO FIELD VERIFY EXISTING ELEVATIONS PRIOR TO CONSTRUCTION

(1) REMOVE EXISTING DROP INLET
(2) REMOVE 205' OF SLOTTED DRAIN
(3) REMOVE 183' OF SLOTTED DRAIN
(4) REMOVE 104' OF SLOTTED DRAIN
(5) REMOVE 123' OF SLOTTED DRAIN
(6) SEE SHEET 6 FOR TYPE 1 VALLEY GUTTER

| MAINTENANCE AND OPS | | |
|---|---|---|
| DESIGNER | BRIAN MATTHEWS | PHONE (775)-888-7621 |
| COORDINATOR | KEVIN PORTER | PHONE (775)-888-7050 |
| PROJECT MANAGER | ROBERT KVAM | PHONE (775)-888-7859 |

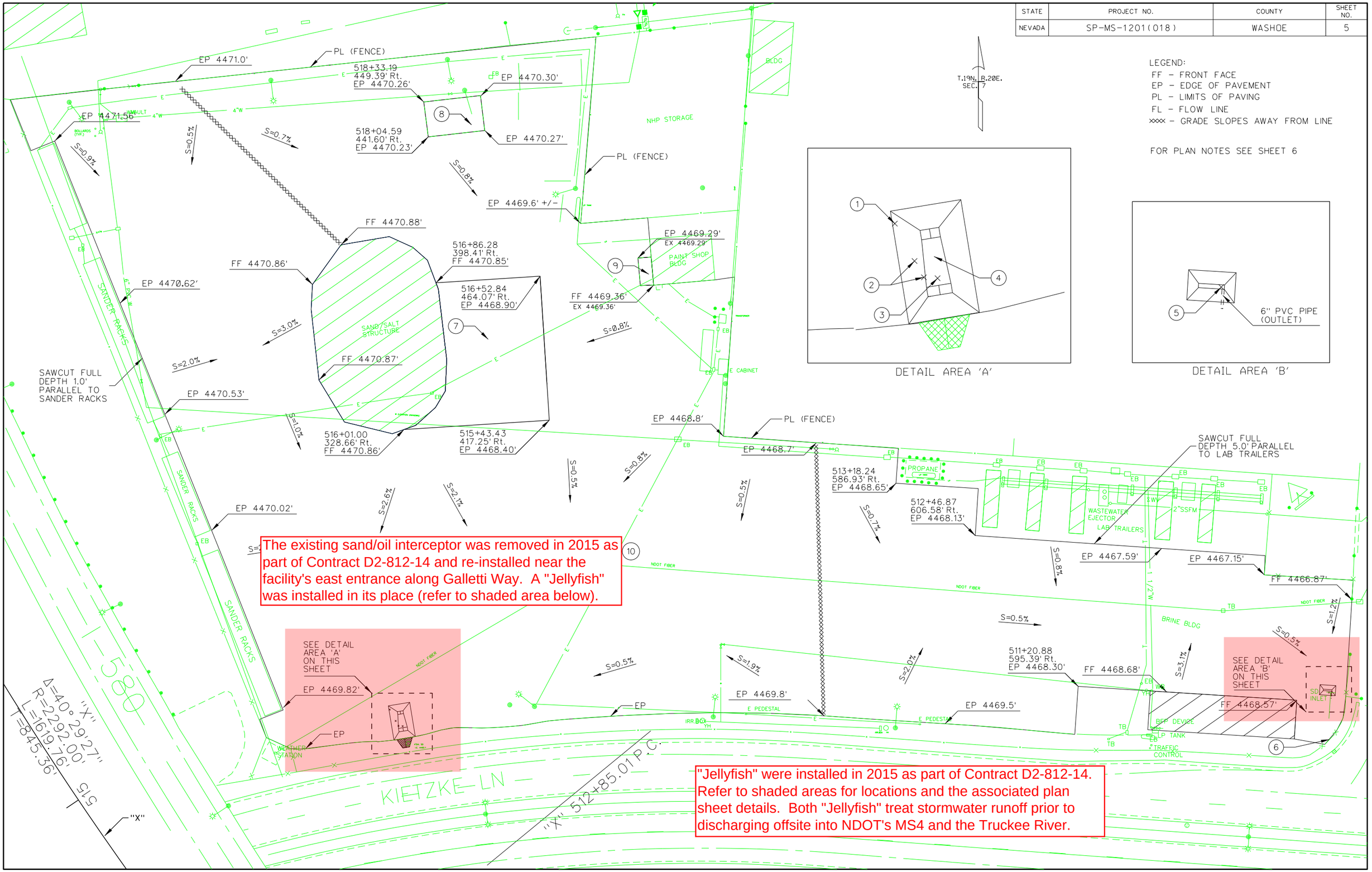
STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

HYDRAULICS

| STATE | PROJECT NO. | COUNTY | SHEET NO. |
|---|---|---|---|
| NEVADA | SP-MS-1201(018) | WASHOE | 5 |

LEGEND:
FF - FRONT FACE
EP - EDGE OF PAVEMENT
PL - LIMITS OF PAVING
FL - FLOW LINE
xxxx - GRADE SLOPES AWAY FROM LINE

FOR PLAN NOTES SEE SHEET 6




The existing sand/oil interceptor was removed in 2015 as part of Contract D2-812-14 and re-installed near the facility's east entrance along Galletti Way. A "Jellyfish" was installed in its place (refer to shaded area below).

"Jellyfish" were installed in 2015 as part of Contract D2-812-14. Refer to shaded areas for locations and the associated plan sheet details. Both "Jellyfish" treat stormwater runoff prior to discharging offsite into NDOT's MS4 and the Truckee River.



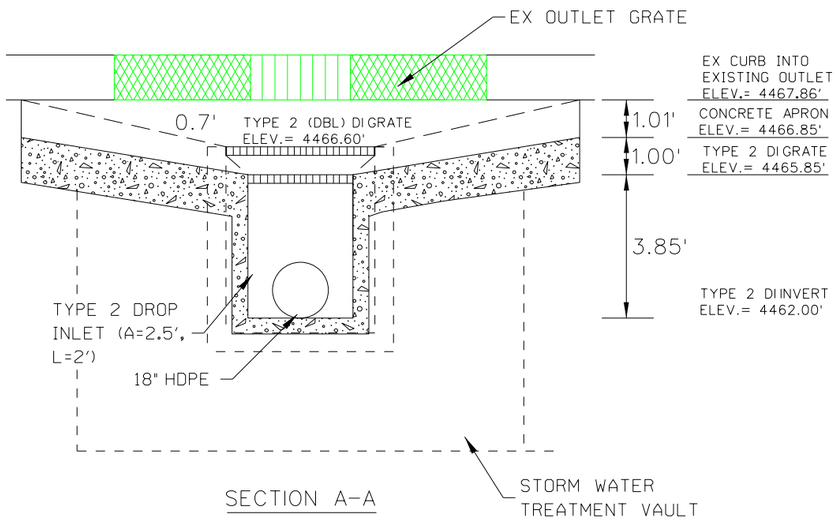

DETAIL AREA 'A'



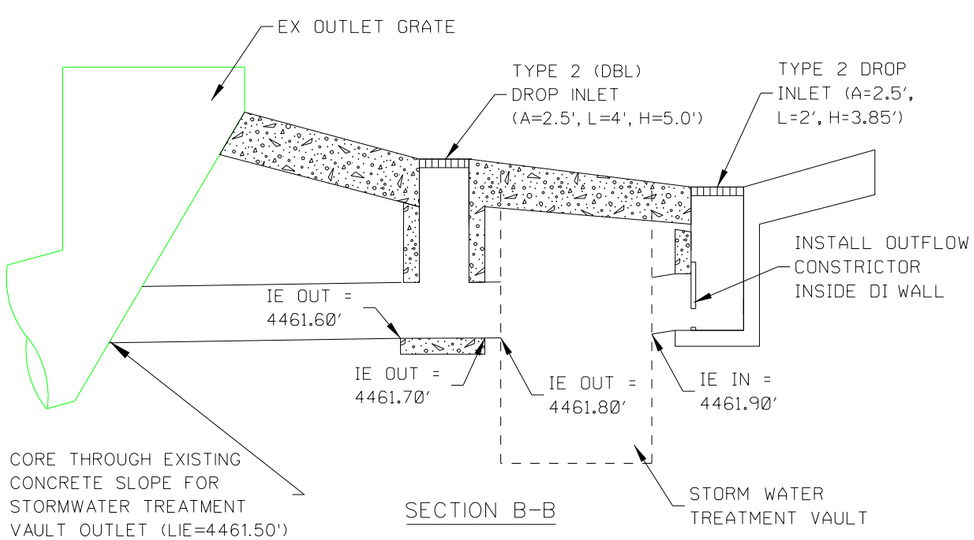

DETAIL AREA 'B'

| STATE | PROJECT NO. | COUNTY | SHEET NO. |
|---|---|---|---|
| NEVADA | SP-MS-1201(018) | WASHOE | SD1 |

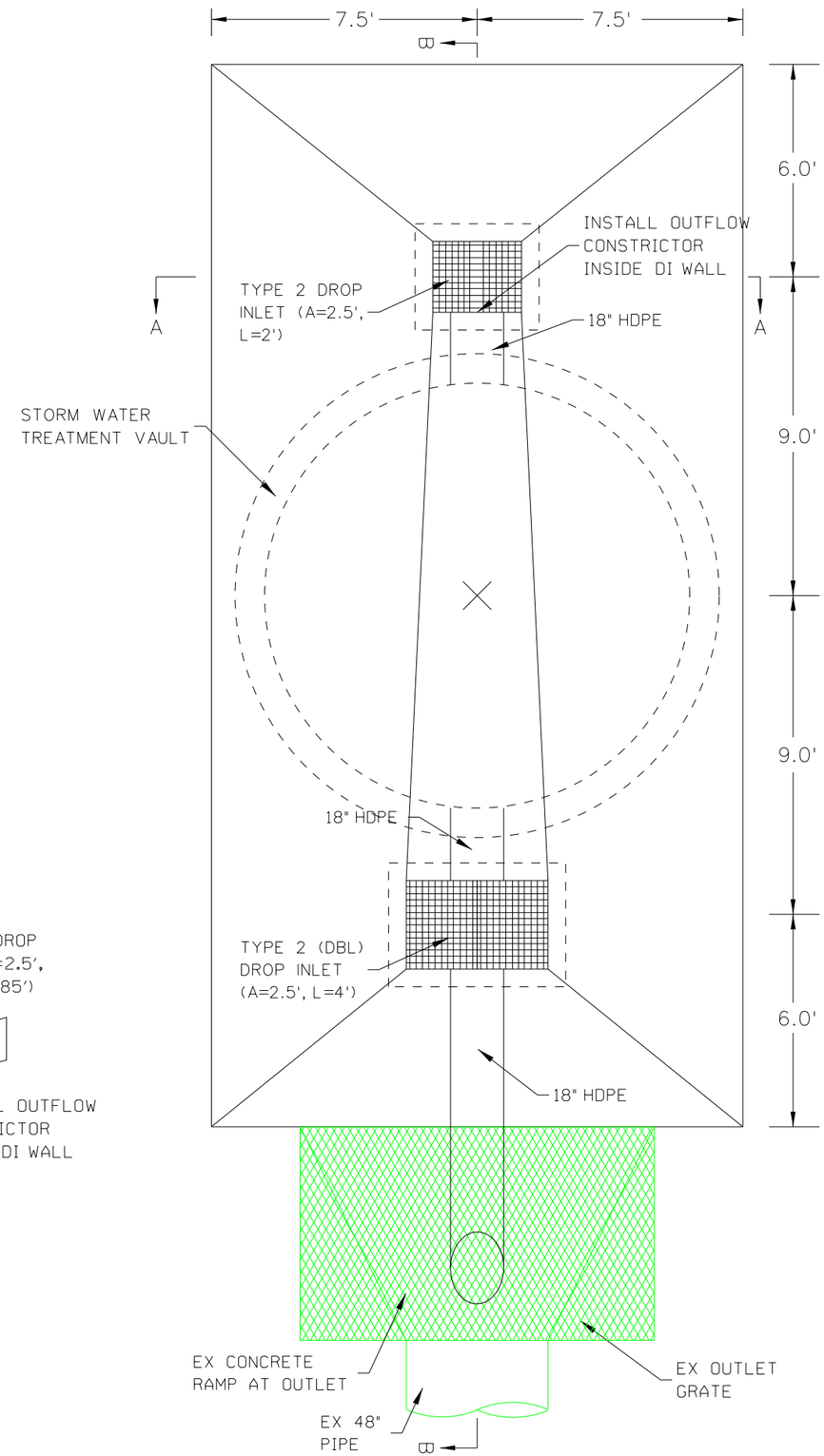
# CONCRETE APRON / DROP INLET / STORMWATER TREATMENT VAULT DETAIL




SECTION A-A



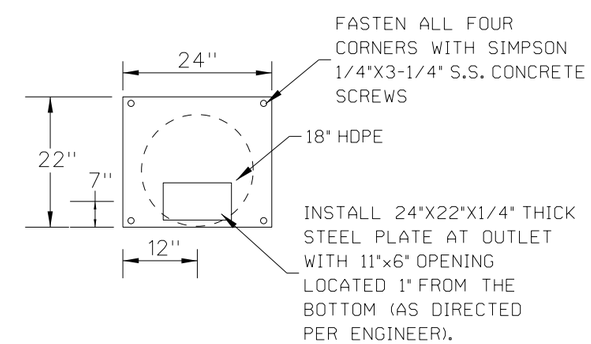

SECTION B-B




NOTES:

1. CLASS EA CONCRETE COMPRESSIVE STRENGTH SHALL MEET OR EXCEED 4500 PSI
2. THICKNESS OF CONCRETE WALLS AND SLABS IS 6", CONCRETE APRON THICKNESS IS 9"
3. REINFORCING: #4 BARS @ 18" CENTERED IN WALLS, SLABS AND APRON
4. SEE NDOT STANDARD PLAN R-4.2.1 FOR TYPE 2 DROP INLET (A=2.5', L=2', H=3.85') TYPE 2 (DBL) DROP INLET (A=2.5', L=4', H=5.0')
5. STORM WATER TREATMENT VAULT SHALL BE JELLYFISH FILTER JF12-20-5 (Q PEAK = 3.9 CFS). VAULT DETAIL/DIMENSIONS PER MANUFACTURER'S PLAN
6. DETAIL NOT DRAWN TO SCALE

DROP INLET OUTFLOW FLOW CONSTRICTOR



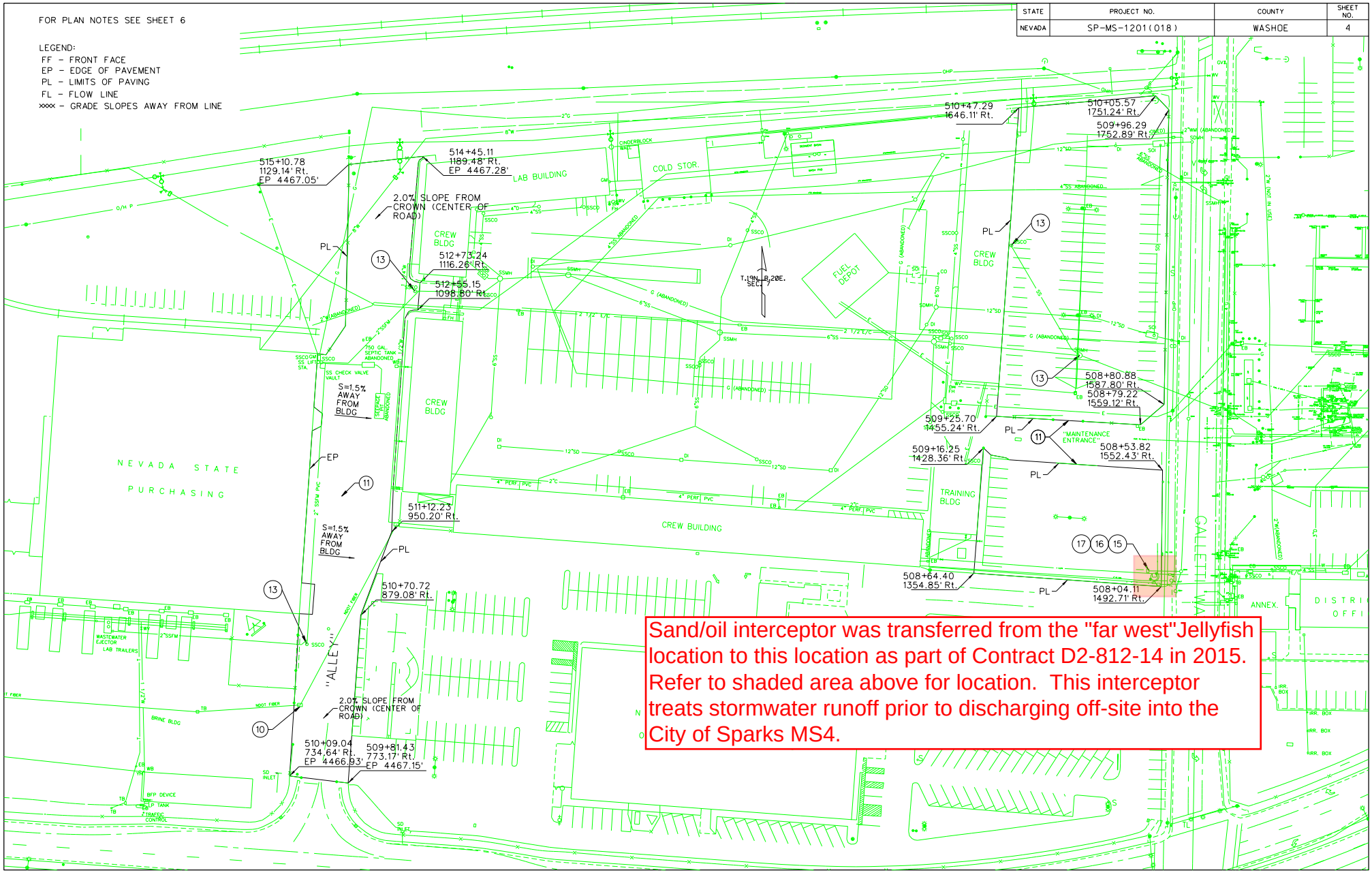

STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

SPECIAL DETAIL

| STATE | PROJECT NO. | COUNTY | SHEET NO. |
|---|---|---|---|
| NEVADA | SP-MS-1201(018) | WASHOE | 4 |

FOR PLAN NOTES SEE SHEET 6

LEGEND:
FF - FRONT FACE
EP - EDGE OF PAVEMENT
PL - LIMITS OF PAVING
FL - FLOW LINE
xxxx - GRADE SLOPES AWAY FROM LINE




Sand/oil interceptor was transferred from the "far west"Jellyfish location to this location as part of Contract D2-812-14 in 2015. Refer to shaded area above for location. This interceptor treats stormwater runoff prior to discharging off-site into the City of Sparks MS4.

# *ENVIRONMENTAL CONTROL PERMIT*

City of Sparks Environmental Control Section
P.O. Box 857, Sparks, NV 89432-0857
Tel: (775) 861-4152 Fax: (775) 861-4118

| | |
|---|---|
| Firm Name: | Nevada DOT (Sparks) |
| Address: | 310 Galletti Way |
| Phone: | (775)834-8451 |
| Sewer Acct. No: | 9009258-000 |
| Classification: | 3 |
| Business Type: | Heavy Duty Vehicle Repair |
| Surcharge: | No |

In accordance with Sparks Municipal Code Title 13, the industrial user listed above is hereby authorized to discharge wastewater and stormwater from the above identified facility into the City of Sparks' sanitary and storm sewer systems in accordance with conditions set forth in this Permit. The Permit Holder must comply with all applicable pretreatment and storm water regulations, standards or requirements under local, state and federal laws including any such regulations, standards, requirements or laws that may become effective during the term of this Permit.

The Public Works Director may change any or all terms and conditions of an Environmental Control Permit for cause. The Public Works Director shall specify a reasonable compliance period to comply with any required changes in the permit.

Environmental Control Permits are issued to a specific industrial user for a specific operation and shall not be reassigned, transferred, or sold to a new owner, new user, different premises or a new or changed operation.

Non-compliance with any term or condition of this permit shall constitute a violation of the Sparks Municipal Code Title 13 Water and Sewage Ordinance. Any violation requiring a re-sampling or re-inspection shall result in a $60.00 re-inspection fee.

In the event of a spill or discharge which may enter the storm or sanitary sewer systems, you are required to immediately contact the Environmental Control Section at 775-691-9227. This permit shall become effective on the date of issuance and shall expire at midnight on 8/31/2013.

V Benjamin
**Environmental Control Officer**

Wayne Nulle
**Permit Recipient**

08/04/12
**Date of Issuance**

AMENDED

HEMSTT
**Title/Date**

**POST THIS CERTIFICATE IN A CONSPICUOUS PLACE**

## DISCHARGES PROHIBITED FROM SANITARY SEWERS

SMC TITLE 13 SECTION 36.010

Sewage, waste, or any matter having any of the following characteristics shall, under no conditions, be discharged into, be placed where they might find their way into, or be allowed to run, leak or escape into any part of the sewer system:

A. Any gasoline, benzene, naphtha, solvent, fuel oil, or any other liquid, solid, or gas that would cause or tend to cause flammable or explosive conditions to result in the sewage system;

B. Any waste containing or causing the promotion of toxic or poisonous solids, liquids, or gases that, alone or in combination with other waste substances, may create a hazard for humans, animals, or the environment, interfere with wastewater treatment processes, cause a public nuisance, or cause any hazardous condition to occur in the wastewater system;

C. Any waste having a pH lower than 5.5 pH units or having any corrosive or detrimental characteristic that may cause injury to wastewater collection or treatment systems, including structures and equipment; any waste with a pH greater than 9.0 pH units or high enough to cause alkaline encrustations on sewer walls or other adverse effects on the wastewater systems:

D. Any solids or viscous wastes that may cause deposition, obstruction, damage or reduction of flow in the sewer, be detrimental to proper wastewater treatment plant operations, or other interference. These objectionable substances include, but are not limited to: asphalt, dead animals, offal, ashes, geothermal waters, sand, mud, straw, industrial process shavings, metal, glass, rags, feathers, tar, plastics, wood, paunch manure, bones, hair fleshings, entrails, paper, dishes, paper cups, milk containers, or other similar paper products, either whole or ground;

E. Any inflow sources, including rainwater, stormwater, ground water, street drainage, sub-surface drainage, roof drainage, yard drainage, and water from yard fountains, ponds or lawn sprays, or any other uncontaminated water. It is unlawful to connect any sewer lateral to the city's wastewater facilities which would allow infiltration discharges in excess of two hundred gallons per day per pipe diameter inch per mile of length;

F. Any water added for the purpose of diluting waste:

G. Any petroleum or mineral-based cutting oils commonly called soluble oil;

H. Any non-biodegradable oil, petroleum oil, or refined petroleum products exceeding 100 mg/l;

I. Any radioactive, radiological, or chemical/geological warfare, waste or material except as regulated by the state and federal government;

J. Any pollutants that either singly or in combination with other discharges cause pass-through upset or interference and could cause a violation of the POTW's NPDES permit:

K. Matter of any nature at a temperature above one hundred fifty degrees (150) Fahrenheit;

L. Animal or vegetable greases, oils or matter containing animal or vegetable grease or oil of any nature in excess of three hundred milligrams (300 mg/l) per liter:

M. Any matter that would be poisonous to or inhibit the biologic organisms associated with any sewage treatment process, and which, in the opinion of the director, might interfere with the satisfactory operation of any treatment facility or any portion of the sewer system.

N. Heat in amounts which will inhibit biological activity in POTW resulting in interference or heat in such quantities that the temperature at the POTW treatment plant influent exceeds 40°C or 104°F.

LIMITATIONS ON WASTEWATER STRENGTH (SMC TITLE 13 SECTION 36.090)
No person shall discharge wastewater containing constituents in excess of:

| Constituent | Maximum Concentration | Pesticides & Herbicides | Maximum Concentration |
|---|---|---|---|
| Arsenic | 2.00 mg/l | Total Chlorinated Hydrocarbons | 0.04 mg/l |
| Barium | 4.00 mg/l | Chlordane | 0.04 mg/l |
| Boron | 1.00 mg/l | Lidane | 0.04 mg/l |
| Cadmium | 0.01 mg/l | Heptachlor | 0.04 mg/l |
| Chromium (total) | 0.50 mg/l | Methoxychlor | 0.04 mg/l |
| Copper | 0.50 mg/l | Toxaphene | 0.04 mg/l |
| Cyanide | 0.23 mg/l | 2-4D | 0.04 mg/l |
| Iron | 25.00 mg/l | 2-4-5T | 0.04 mg/l |
| Lead | 0.30 mg/l | Parathion | 0.0016 mg/l |
| Manganese | 0.70 mg/l | Malathion | 0.04 mg/l |
| Mercury | 0.01 mg/l | Guthion | 0.04 mg/l |
| Nickel | 1.80 mg/l | Total Petroleum Hydrocarbon | 100.00 mg/l |
| Selenium | 0.04 mg/l | Animal/Vegetable Oil & Grease | 300.00 mg/l |
| Silver | 0.05 mg/l | Temperature | 150°F. |
| Sulfate | 240.00 mg/l | pH | 5.5 - 9.0 units |
| Zinc | 1.00 mg/l | | |
| Phenol | 0.005 mg/l | | |
| Alkali | 430.00 mg/l | | |
| Chloride | 110.00 mg/l | | |
| Fluoride | 4.00 mg/l | | |

DETERMINATION OF PROHIBITED DISCHARGE (SMC TITLE 13 SECTION 36.030)
Unpolluted water including, but not limited to, process cooling water, blowdown from cooling towers or evaporator coolers, and swimming pool water, shall not be discharged through direct or indirect connection to the city's wastewater facilities unless an inspection certificate is issued by the Director for such discharge. The director may approve the discharge of such water when no reasonable alternative method of disposal is available and such discharge does not violate other sections of this title.

If a certificate is granted for the discharge of such water into the wastewater facilities, the user shall pay the applicable charges and fees and shall meet such other conditions required by the director.

EXCLUSIONS FROM STORM SEWERS AND DRAINS (SMC TITLE 13 SECTION 36.040)
In addition to the matter excluded by Section 13.36.010 of the chapter (except 13.36.010E.), all other matter of any nature shall be excluded from those parts of the sewer system designated by the director as storm sewers, excepting only such waters as hereinbefore authorized. Such drainage water shall be directed into a storm sewer only under the authorization and direction of the Director.

REQUIRED USE OF GREASE TRAPS & INTERCEPTORS (SMC TITLE 13 SECT. 36.070B)
B. Grease Traps and Interceptors. All waste discharged from establishments which may generate grease shall install and maintain a grease interceptor. Sizing specifications for grease traps and interceptors are outlined in Chapter 7 and Appendix H of the Uniform Plumbing Code. The director may waive the required minimum size grease interceptor. The design, operation and sizing of all grease traps and interceptors must be approved by the Director.

The introduction of emulsifiers, bacteria, enzymes or any other product into the grease trap or interceptor which would cause oil and grease to pass through the trap or interceptor is prohibited. Grease traps and interceptors shall be cleaned to ensure proper operation.

LIMITATIONS ON POINT OF DISCHARGE (SMC TITLE 13 SECTION 36.080)
No person shall discharge any substances directly into a manhole or other opening in a community sewer other than through an approved building sewer, unless he has been issued a permit by the director. If a permit is issued for such direct discharge, the user shall pay the applicable charges and fees and shall meet such other conditions as required by the Director.

EXCESSIVE DISCHARGE (SMC TITLE 13 SECTION 36.120)
No user shall ever increase the use of process water or in any way attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations enforceable under this title.

IDENTIFICATION OF PROCESS CHEMICALS (SMC TITLE 13 SECTION 36.130)
All process chemicals and industrial wastes shall be properly labeled for identification purposes.

CHANGE OF CERTIFICATE TERMS AND CONDITIONS (SMC TITLE 13.39.030 C)
The Director may change any or all terms and conditions of a discharge certificate for cause. The Director shall specify a reasonable compliance period to comply with any required changes in the certificate.

TRANSFER OF CERTIFICATE (SMC TITLE 13.39.030 D)
Wastewater Inspection Certificates are issued to a specific user for a specific operation. A wastewater inspection certificate shall not be reassigned, or transferred, or sold to a new owner, new use, different premises or a new or changed operation.

SEVERABILITY OF CERTIFICATE (SMC TITLE 13.39.030 E)
The provisions of this certificate are severable and if any provision of this certificate or the application of any provision to any circumstance is held invalid the application of such provision to other circumstances and the remainder of the certificate shall not be affected thereby.

INSPECTION (SMC TITLE 13.39.060)
The Director, Wastewater Control Inspector, or other City officials or employees shall have the right of entry for inspection purposes of the facilities discharging to the City's sewer system to ascertain compliance with the City's sewer regulations. Persons or occupants of premises where wastewater is created or discharged shall allow the Director or his representatives ready access to all parts of the premises for the purpose of inspection, sampling, records examination or in the performance of any other duties as called for.

ENFORCEMENT PROCEDURES (SMC TITLE 13.42.040 A)
A. When discharge of wastewater has taken place in violation of this title or the provisions of the wastewater inspection certificate the Director, Wastewater Control Inspector, or other duly authorized City employees may issue a Cease and Desist Order and direct those persons not complying with such prohibitions, limit requirements or provisions to comply forthwith, comply in accordance with a time schedule set forth by the Director or take appropriate remedial or preventive action.

B. The Director, Wastewater Control Inspector or employees bearing proper credentials have the authority to issue an on-site citation to any discharger whose discharge is in violation of this title.

C. Any user who violates the following conditions of this title or applicable state and federal regulations is subject to having his certificate revoked by the Director for:

1. Failure of a user to factually report the wastewater constituents flow and/or characteristics of his discharge.
2. Failure of the sewer user to report significant changes in operations or wastewater constituents and characteristics.
3. Refusal of reasonable access to the user's premise for the purpose of inspection or monitoring.
4. Violation of conditions of a wastewater inspection certificate.

MISDEMEANOR (SMC TITLE 13.42.140)
Any person violating any provision of this title shall be guilty of a misdemeanor and upon conviction thereof may be punished by a fine of not more than $1,000 and/or imprisonment of not more than six months. Each such person is guilty of a separate offense for each and every date during any portion of which any violation of the provisions of this title is committed, continued or permitted by any such person.

THE 40 CODE OF FEDERAL REGULATIONS 403.12P

(P) (1) The industrial user shall notify the POTW, the EPA Regional Management Division Director and State Hazardous Waste Authorities in writing of any discharge into the POTW of a substance, which if otherwise disposed of would be a hazardous waste under 40 CFR Part 261. Such notification must include the name of the hazardous waste set forth in 40 CFR Part 261, the EPA Hazardous Waste Number and the type of discharge (continuous, batch or other).

**PRETREATMENT MAINTENANCE REQUIREMENTS**

Grease Trap/Interceptor Size:

Cleaning Frequency--Minimum Once/:

Sand and Oil Interceptor Size: 100 1250 2250 500

Cleaning Frequency--Minimum Once/:

If other, please specify:

Meter Calibration -- Once/ pH: Flow: Other:

It is the Certificate holder's responsibility to insure pretreatment device(s) are maintained and kept in proper operating condition.

DISPOSAL REQUIREMENTS:

Disposal receipts, tracking slips and/or Hazardous Waste Manifests shall be kept on site and made available for inspection for those wastes marked below:

Oil: X Solvent: X Antifreeze: X Flammables: X

Grease Trap/Interceptor: Sand/Oil Separator: X

Hot/Cold Tank: X X-Ray or Photography:

Chemical Solvents: Other Regulated Wastes:

If 'Other Regulated Wastes' is marked please specify:

OTHER SPECIFIC CONDITIONS:

SAND & OIL SEPARATORS SHALL BE PUMPED A MINIMUM OF ONCE EVERY THREE MONTHS. JET CLEANERS [VULCANS] IN ENGINE SHOP AND TRANSMISSION SHOP ALONG WITH HOT TANK LOCATED IN THE STEAM CLEANING AREA SHALL BE PUMED AS NECESSARY. INDUSTRIAL WASTE STAFF RECOMMENDS THE DYNO COOLING WATER BE RECIRCULATED AND NOT BE SINGLE PASS TO THE SEWER.

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# Section 13.36.090 Limitations on wastewater strength,



Chapter 13.36 WASTEWATER REGULATIONS

Section 13 36 090 Limitations on wastewater strength

No person shall discharge wastewater containing constituents in excess of:

| Constituent | Maximum Concentration |
|---|---|
| Arsenic | 2.0 mg/l |
| Barium | 14.0 mg/l |
| Boron | 1.00 mg/l |
| Cadmium | 0.02 mg/l |
| Chromium (total) | 0.50 mg/l |
| Copper | 0.50 mg/l |
| Cyanide | 0.23 mg/l |
| Iron | 90.0 mg/l |
| Lead | 0.30 mg/l |
| Manganese | 1.10 mg/l |
| Mercury | 0.01 mg/l |
| Nickel | 1.80 mg/l |
| Selenium | 0.06 mg/l |
| Silver | 0.05 mg/l |
| Sulfate | 240 mg/l |
| Zinc | 1.0 mg/l |
| Phenol | 2.5 mg/l |
| Other Phenolic Compounds | 0.005 mg/l |
| Alkalinity | 430 mg/l |
| Chloride | 110 mg/l |
| Fluoride | 4.0 mg/l |

(Ord. 1640 § 5, 1989: Ord. 1321 § 9, 1981: Ord. 1283 § 8 (part), 1980.)

(Ord. 2043, Amended, 11/29/1999, Prior Text)

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# Section 13.39.030 Terms and conditions of permit.



Chapter 13.39 ENVIRONMENTAL CONTROL PERMITS.

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Section 13 39 030 Terms and conditions of permit

A Duration of Environmental Control Permits Environmental Control Permits shall be issued for a specified time period not to exceed five years A permit may be issued for a period less than a year or may be stated to expire on a specific date If the user is not notified by the Public Works Director thirty days prior to the expiration of the permit, the permit shall be extended until such notice is made The terms and conditions of the permit may be subject to modification and change by the Public Works Director during the life of the permit as limitations or requirements as identified in Chapter 13 36 of this title are modified and changed The user shall be informed of any proposed changes in his permit at least thirty days prior to the effective date of change Any changes or new conditions in the permit shall include a reasonable time schedule for compliance

B. Permit Conditions Environmental Control Permits shall be expressly subject to all provisions of this title and all other applicable regulations, user charges and fees Permit may contain, but are not limited to, the following

1 The unit charge or schedule of user charges and fees for the wastewater to be discharged to a community sewer;

2 Limits on the average and maximum wastewater constituents and characteristics,

3 Limits on average and maximum rate and time of discharge or requirements for flow regulations and equalization,

4. Requirements for installation and maintenance of inspection and sampling facilities

5 Specifications for monitoring programs which may include sampling locations, frequency of sampling number, types and standards for tests and reporting schedule,

6 Compliance schedules,

7. Requirements for submission of technical reports or discharge reports,

8 Requirements for maintaining and retaining records relating to wastewater discharge as specified by the Public Works Director and affording city access thereto,

9 Requirements for notification to the Public Works Director of any new introduction of wastewater constituents or any substantial change in the volume or character of the wastewater constituents being introduced into the wastewater treatment system,

10 Requirements for notification of slug discharges,

11 Pretreatment of wastes before discharge;

12 Relocation of discharge points,

13 Prohibition of discharge of certain wastewater constituents,

14 Notification to the Public Works Director of any new introduction of wastewater constituents or any substantial change in the volume or character of the wastewater discharge,

15 Development of a compliance schedule for the installation of technology required to meet applicable pretreatment standards and requirements

16 Other conditions necessary to accomplish the purpose of this title

The permit may include a time schedule which allows the discharger time to meet the conditions of the permit The industrial/commercial discharger, who has been issued a permit, will be responsible for all costs required to comply with conditions of the permit.

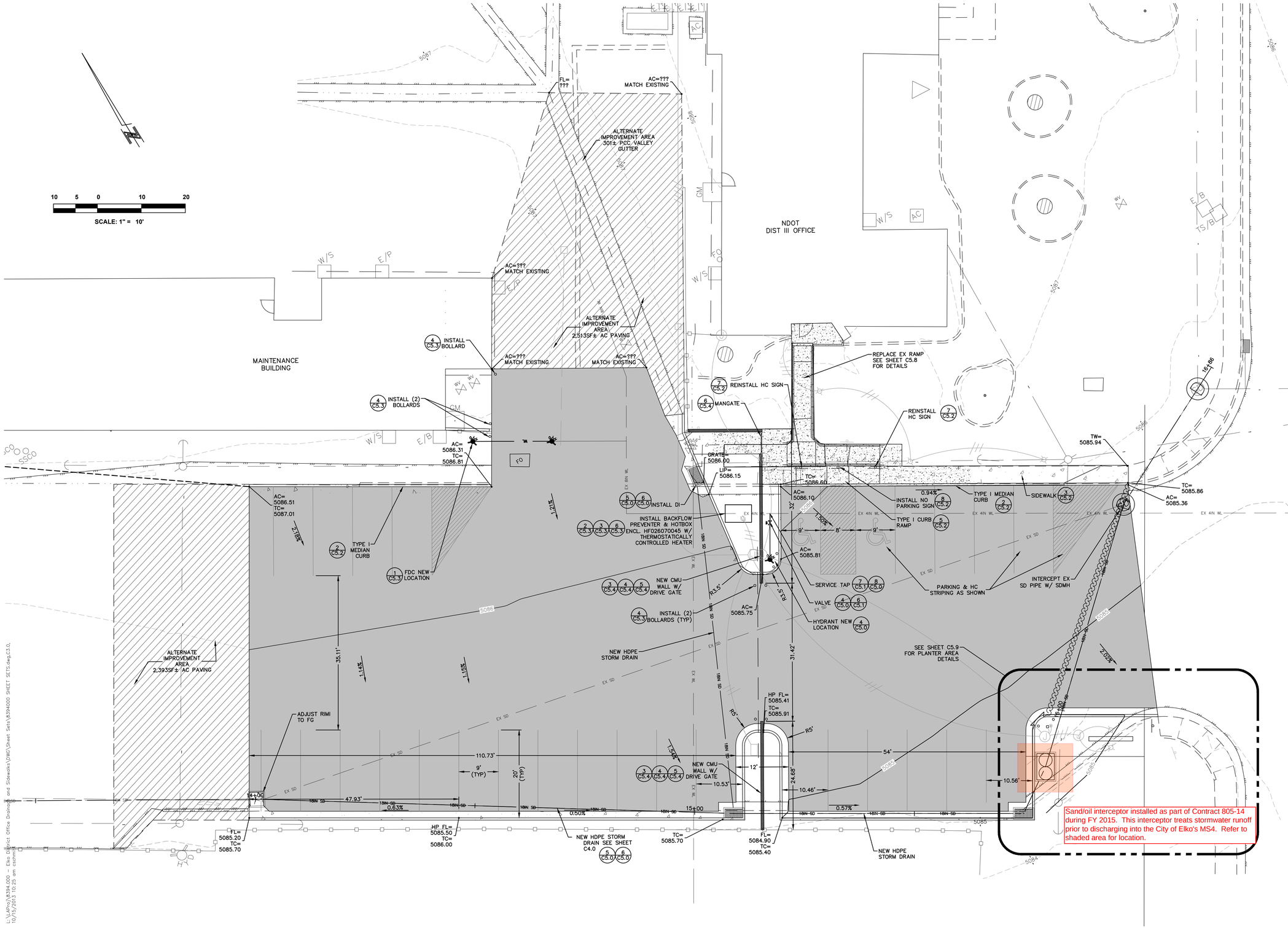
C Change of Permit Terms and Conditions The Public Works Director may change any or all terms and conditions of an Environmental Control Permit for cause The Public Works Director shall specify a reasonable compliance period to comply with any required changes in the permit

D Transfer of a Permit Environmental Control Permits are issued to a specific user for a specific operation An Environmental Control Permit shall not be reassigned or transferred or sold to a new owner, new user, different premises, or a new or changed operation

**(Ord. 1421 § 22, 1983: Ord. 1283 § 9 (part), 1980.)**

(Ord 2420 Amended 01/26/2009, **Prior Text**: Ord 2291 Amended 08/22/2005,**Prior Text**, Ord 2186 Amended 08/25/2003 **Prior Text**, Ord 2043 Amended, 11/29/1999, **Prior Text**)

Elko Major Maintenance Facility





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NEVADA DEPARTMENT OF TRANSPORTATION

# ELKO DISTRICT OFFICE DRAINAGE AND SIDEWALK IMPROVEMENT PROJECT SITE/UTILITY PLAN

CITY OF ELKO — ELKO COUNTY — NEVADA

| REV | DATE | DESCRIPTION | BY |
|---|---|---|---|

## C3.0

| | |
|---|---|
| DATE: | OCTOBER 2013 |
| DRAWN BY: | CAS |
| DESIGNED BY: | CAS |
| CHECKED BY: | KRG |
| JOB NO.: | 8394.000 |

L:\LAPro\8394.000 - Elko District Office Drainage and Sidewalks\DWG\Sheet Sets\8394000 SHEET SETS.dwg,C3.0, 10/15/2013 10:25 am cschmidt

# Appendix G

# Storm Sewer Waste Disposal Authorizations

INCLINE VILLAGE
PUBLIC WORKS

April 23, 2009

Steve M. Cooke, P.E.
Nevada Department of Transportation
Environmental Services Chief
1263 S. Stewart Street
Carson City NV 89701

RE: **Discharge to IVGID Sewer from the NDOT Incline Maintenance Yard Decant Facility**

Dear Mr. Cooke,

The Nevada Department of Transportation (NDOT) has constructed a decant facility at the NDOT Maintenance Yard on Mt Rose Highway. The purpose of the decant facility is to dewater materials collected from maintenance activities such cleaning out drainage structures, performing vacuum excavation, etc. and then disposing of the decant water to the Incline Village General Improvement District (IVGID) sewer. The decant facility has been built for the mutual benefit of NDOT, IVGID and Washoe County whom all perform similar maintenance operations and must meet the stringent discharge requirements in the Lake Tahoe Basin.

This letters serves as approval for the NDOT Decant Facility to discharge the decant water to the IVGID sewer located at the NDOT Maintenance Yard. Plans for construction of the facility had previously been prepared by NDOT and have been reviewed and accepted by IVGID. Thank you for providing this joint use facility to serve all of the agencies needs in Incline Village and Crystal Bay.

Sincerely,

Joseph J. Pomroy
Director of Public Works

c. T Buxton
Reading

INCLINE VILLAGE GENERAL IMPROVEMENT DISTRICT
CHAMPIONSHIP COURSE
MOUNTAIN COURSE
DIAMOND PEAK
INCLINE VILLAGE PARKS & RECREATION

PUBLIC WORKS DEPARTMENT · 1220 SWEETWATER ROAD · INCLINE VILLAGE, NV 89451
PH: (775) 832-1203 FX: (775) 832-1260 · WWW.IVGID.ORG

# Appendix F

# Major and Minor Maintenance Facility Stormwater Inspection Forms

| Nevada Department of Transportation<br>Maintenance Facility Stormwater Inspection Form<br>Major and Minor-A Maintenance Facilities<br>Municipal Separate Storm Sewer Systems Permit NV0023329 | |
|---|---|
| Facility Name: | Date: |
| Facility Location: | Fiscal Year: |
| Inspector(s): | |
| Title(s): | |
| FPPP Administrator(s): | |
| **Weather Conditions** | |
| Temperature (°F): | |
| Precipitation: | |
| Wind (mph): | |
| **Documentation** | |
| 1. Is the FPPP accessible on-site? | Yes No |
| 2. Is the Maintenance Facility BMPs Manual accessible on-site? | Yes No |
| Comments: | |
| **Fueling Areas** | |
| 1. Is there a fueling area at this facility? | Yes No |
| If no, skip to next sub-section. | |
| a. Are fuel pumps actively leaking? | Yes No |
| b. Are fuel spills present? | Yes No |
| c. Are BMPs properly implemented? | Yes No |
| If no, describe: | |
| 2. Is there a "fuel pump house" located at this facility? | Yes No |
| If no, skip to next sub-section. | |
| a. Are items in the pump house properly stored? | Yes No |
| If no, describe: | |
| 3. Is there a spill kit? | Yes No |
| If no, skip to next sub-section. | |
| a. Is the spill kit signed and labeled? | Yes No |
| b. Is the spill kit sufficiently stocked with appropriate spill control and cleanup equipment? | Yes No |
| Comments: | |
| **Equipment Storage/Parking Areas** | |
| 1. Are equipment leaks/spills present? | Yes No |
| If no, skip to next sub-section. | |
| a. Are BMPs properly implemented? | Yes No |
| If no, describe: | |
| Comments: | |

| Equipment Maintenance/Repair Facilities | | |
|---|---|---|
| 1. Are equipment repairs/servicing performed at this facility? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Are waste and non-waste materials properly stored? | Yes | No |
| b. Are leaks/spills present? | Yes | No |
| c. Are BMPs properly implemented? | Yes | No |
| If no, describe: | | |
| 2. Are equipment batteries stored at this facility? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Are BMPs properly implemented? | Yes | No |
| If no, describe: | | |
| 3. Are equipment tires stored at this facility? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Are BMPs properly implemented? | Yes | No |
| If no, describe: | | |
| Comments: | | |
| **Material Stockpile/Storage Areas** | | |
| 1. Does the facility have material stockpiles, e.g. sand/salt? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Is there evidence of material migration from the stockpile area(s)? | Yes | No |
| b. Are BMPs properly implemented? | Yes | No |
| If no, describe: | | |
| 2. Does the facility have anti-icing agent tanks? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Do the tank areas have adequate secondary containment? | Yes | No |
| b. Are leaks/spills present around the tank areas? | Yes | No |
| c. Are BMPs properly implemented? | Yes | No |
| If no, describe: | | |
| 3. Does the facility store striping paint and glass beads? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Are BMPs properly implemented? | Yes | No |
| If no, describe: | | |
| 4. Does the facility temporarily store sweeping spoils? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Is there evidence of material migration from the spoils area(s)? | Yes | No |
| b. Are BMPs properly implemented? | Yes | No |
| If no, describe: | | |
| 5. Does the facility temporarily store vactor truck waste waste? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Is there evidence of material migration from the waste area(s)? | Yes | No |
| b. Are BMPs properly implemented? | Yes | No |
| If no, describe: | | |

| Material Stockpile/Storage Areas (cont'd) | |
|---|---|
| 6. Is roadside/miscellaneous waste stored onsite? | Yes No |
| If no, skip to next sub-section. | |
| a. Are BMPs properly implemented? | Yes No |
| If no, describe: | |
| 7. Are pesticides, herbicides, and/or fertilizers stored at the facility? | Yes No |
| If no, skip to next sub-section. | |
| a. Are BMPs properly implemented? | Yes No |
| If no, describe: | |
| 8. Does the facility store treated wood products? | Yes No |
| If no, skip to next sub-section. | |
| a. Are BMPs properly implemented? | Yes No |
| If no, describe: | |
| 9. For materials not specifically identified above, are there any BMP concerns? | Yes No |
| If yes, describe: | |
| Comments: | |

| Equipment Painting Areas | |
|---|---|
| 1. Does the facility conduct equipment painting? | Yes No |
| If no, skip to next sub-section. | |
| a. Are BMPs properly implemented? | Yes No |
| If no, describe: | |
| Comments: | |

| Equipment Wash Rack/Steam Cleaning Areas | |
|---|---|
| 1. Is equipment washing performed at this facility? | Yes No |
| If no, skip to next sub-section. | |
| a. Is there a designated engineered wash rack area? | Yes No |
| b. Are BMPs properly implemented? | Yes No |
| If no, describe: | |
| 2. Is equipment steam cleaning performed at this facility? | Yes No |
| If no, skip to next sub-section. | |
| a. Is there a designated engineered steam cleaning area? | Yes No |
| b. Are BMPs properly implemented? | Yes No |
| If no, describe: | |
| Comments: | |

| Field Material Testing Labs | |
|---|---|
| 1. Are field material testing labs present? | Yes No |
| If no, skip to next sub-section. | |
| a. Are they currently in use? | Yes No |
| b. Are BMPs properly implemented? | Yes No |
| If no, describe: | |
| Comments: | |

| Water Truck Filling Stations | |
|---|---|
| 1. Are water truck filling stations present? | Yes No |
| If no, skip to next sub-section. | |
| a. Are water leaks present or is there water running? | Yes No |
| b. Are BMPs properly implemented? | Yes No |
| If no, describe: | |
| Comments: | |

| Spreader Racks | |
|---|---|
| 1. Are spreader racks present? | Yes No |
| If no, skip to next sub-section. | |
| a. Is there any sand and/or salt deposited on the ground? | Yes No |
| b. Are equipment leaks present? | Yes No |
| c. Are hydraulic hose lines properly stored? | Yes No |
| d. Are BMPs properly implemented? | Yes No |
| If no, describe: | |
| Comments: | |

| Facility Stormwater | |
|---|---|
| 1. Does stormwater discharge into hydraulic facilities, e.g. drop inlets? | Yes No |
| If no, skip to next sub-section. | |
| a. Do any of the facilities require maintenance? | Yes No |
| If yes, describe: | |
| b. Are BMPs properly implemented? | Yes No |
| If no, describe: | |
| c. Were all hydraulic facilities inspected? | Yes No |
| If no, indicate why not: | |
| 2. Does stormwater discharge into manufactured stormwater treatment devices, e.g. sand/oil interceptors, "Jellyfish," etc.? | Yes No |
| If no, skip to next sub-section. | |

| Facility Stormwater (cont'd) | |
|---|---|
| a. Do any of the facilities require maintenance? | Yes No |
| If yes, describe: | |
| 3. Is there evidence of significant run-on onto the facility from adjacent areas? | Yes No |
| If no, skip to next sub-section. | |
| a. Are control measures necessary? | Yes No |
| If yes, describe: | |
| Comments: | |

| Illicit Discharge Detection and Elimination | |
|---|---|
| 1. Is there evidence of an illicit discharge into the storm drain system? | Yes No |
| If yes, describe: | |
| If yes, recommended corrective action: | |
| Comments: | |

| Overall Facility Condition/General Housekeeping | |
|---|---|
| 1. Overall, are areas within the facility kept neat, clean, and orderly? | Yes No |
| If no, describe: | |
| 2. Is there a significant build up of trash and/or waste materials within the facility? | Yes No |
| Comments: | |

| Certification |
|---|
| I certify under penalty that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those person(s) directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)] |
| Authorized Signature: |
| Title: |
| Date: |

**Nevada Department of Transportation**
**Comprehensive Maintenance Facility Inspection Form**
**Minor-B Maintenance Facilities**
**Municipal Separate Storm Sewer Systems Permit NV 0023329**

| | |
|---|---|
| Facility Name: | Date: |
| Facility Location: | Fiscal Year: |
| Inspector(s): | |
| Title(s): | |
| FPPP Administrator(s): | |

**Weather Conditions**

1. Temperature (°F):
2. Precipitation:
3. Wind (mph):

**Material Stockpile/Storage Areas**

| | | |
|---|---|---|
| 1. Does the facility have material stockpiles? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Is there evidence of material migration from the stockpile area(s)? | Yes | No |
| b. Are BMPs properly implemented? | Yes | No |
| If no, describe: | | |
| 2. Does the facility temporarily store sweeping spoils? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Is there evidence of material migration from the spoils area(s)? | Yes | No |
| b. Are BMPs properly implemented? | Yes | No |
| If no, describe: | | |
| 3. Does the facility temporarily store vactor truck waste? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Is there evidence of material migration from the waste area(s)? | Yes | No |
| b. Are BMPs properly implemented? | Yes | No |
| If no, describe: | | |
| 4. Is roadside/miscellaneous waste stored onsite? | Yes | No |
| If no, skip to next sub-section | | |
| a. Are BMPsd properly implemented? | Yes | No |
| If no, describe: | | |
| 5. For materials not specifically identified above, are there any BMP concerns? | Yes | No |
| If yes, describe: | | |
| Comments: | | |

**Facility Stormwater**

| | | |
|---|---|---|
| 1. Does stormwater discharge into hydraulic facilities, e.g. drop inlets? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Do any of the facilities require maintenance? | Yes | No |
| If yes, describe: | | |
| b. Are BMPs properly implemented? | Yes | No |
| If no, describe: | | |

| Facility Stormwater (cont'd) | | |
|---|---|---|
| c. Were all hydraulic facilities inspected? | Yes | No |
| If no, indicate why not: | | |
| 2. Does stormwater discharge into manufactured stormwater treatment devices? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Do any of the facilities require maintenance? | Yes | No |
| If yes, describe: | | |
| 3. Is there evidence of significant stormwater run-on onto the facility from adjacent areas? | Yes | No |
| If no, skip to next sub-section. | | |
| a. Are control measures necessary? | Yes | No |
| If yes, describe: | | |
| Comments: | | |
| **Illicit Discharge Detection and Elimination** | | |
| 1. Is there evidence of an illicit discharge into the storm drain system, or illegal dumping? | Yes | No |
| If yes, describe: | | |
| If yes, recommended corrective action: | | |
| Comments: | | |
| **Overall Facility Condition/General Housekeeping** | | |
| 1. Overall, are areas within the facility kept neat, clean, and orderly? | Yes | No |
| If no, describe: | | |
| 2. Is there significant build-up of trash and/or waste materials within the facility? | Yes | No |
| Comments: | | |
| **Certification** | | |
| I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person(s) who manage the system, or those person directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)] | | |
| Authorized Signature: | | |
| Title: | | |
| Date: | | |