



The Pinery Risk Assessment

The Pinery Neighborhood Mitigation Plan (NMP) is a cooperative effort between The Pinery Homeowners Association (PHA) Executive Board of Directors (EB), Architectural Review Committee (ARC), Community Services Committee (CSC), CSC subcommittee Fire Mitigation/Firewise Committee, and Pinery Residents. South Metro Fire Rescue (SMFR) and Douglas County are participating in providing feedback in the preparation of this plan and future education of PHA residents. The Fire Mitigation/Firewise Committee members who developed this document devoted many hours to its completion and they stand committed to implementing its recommendations as well as updating the plan as needed.

This NMP assesses the hazards and vulnerabilities of this community and identifies a path for the community to reduce risks from wildfires by identifying and prioritizing projects. It also documents previous accomplishments. The Fire Mitigation/Firewise Committee will review and update this plan as needed and share it with the PHA Executive Board, ARC, CSC, homeowners, and other interested participants.

Community Description

The Pinery is a high-density community south of the city of Parker, east of Parker Road/Highway 83. The community has central water and sewers, paved streets, FPD with an ISO rating of 1. The community of nearly 1,900 homes, all of which is wildland urban interface, was developed initially in the 1970s and continues to add homes in the 21st Century (See Maps 1-1.6 in Appendix). The development process considered many values of prospective buyers but didn't account for what have become best practices in modern emergency resilience. Addresses are posted inconsistently and open space parcels both within and bordering the subdivision have dense vegetation. PHA owned properties consist of the front entry, 3 parks, 3 RV lots and various open spaces all in total approximately 63 acres of property. The Fire Mitigation/Firewise Committee is focusing efforts over the next few years on the PHA's natural open spaces using the open space recommendations from SMFR, [Douglas County Wildfire Mitigation page](#) and the [Colorado State Forest Service \(CSFS\) portal](#). The PHA is governed by an elected Executive Board of Directors and maintains two standing committees of residents, according to its bylaws. The Architectural Review Committee (ARC) is responsible for reviewing construction plans and specifications for new buildings or existing buildings that will be altered. The Community Services Committee (CSC) is responsible for maintaining common lands, coordinating social events, and providing community services. Both committees and the Executive Board (EB) are essential components of a comprehensive risk reduction effort for The Pinery.

Most homes in this community sit on lots between one third and one half an acre in size, but a few are on larger lots. Residents span the ages from middle-aged men and women to children and elders. The latter two groups are among the most vulnerable to wildfires.

There are two residential assisted living facilities in this community. While the exact number of residents varies, residents should be expected to face mobility challenges because of age or functional needs.

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- ILA Senior Living at The Pinery, 6875 Windview Circle. It is licensed for eight high-functioning residents experiencing dementia.
- Alternative Residential Aurora, 7822 Windwood Way.

Mountain View Primary and Northeast Intermediate Schools are at 8502 North Pinery Parkway and 6598 Parker Road, respectively. Mountain View has the area's younger students (prekindergarten through second grade) while Northeast has the third, fourth and fifth grades.

- The Burning Tree fire on March 24, 2011, happened to occur during the Douglas County School District's spring break; had school been in session, the student and adult populations of those schools would have posed additional challenges for emergency responders, especially if parents attempted to drive to the school to pick up their children.

South Metro Fire Rescue's Station 43 is in this community at 8165 North Pinery Parkway. Station 43 is the first-due firefighting resource. According to SMFR Neighborhood Mitigation Planning Guide, SMFR has earned an ISO (Insurance Services Office) Public Protection Classification (PPC) rating of 1 for its entire service area. The rating, which is rare in the United States, represents the best fire protection according to insurance industry criteria and may provide a discount on homeowner's insurance policies to district residents.

The PHA Owns/Maintains (See Map of PHA owned properties in Appendix)

- PHA Front Entry and Nature Park both located at/near intersection of North Pinery Parkway and Parker Rd/State Hwy 83
- Lakeshore Park located at the intersection of Lakeshore Drive and Thunder Hill Road
- North Park located at intersection of East Sunridge Hollow Road and Ponderosa Way
- 3 RV storage lots located at 6519 North State Highway 83
- Natural Open Spaces located throughout The Pinery
- Many open space tracts as steep narrow drainages not suited for development

Douglas County Maintains

- Pinery Park located at 8176 Hillcrest Way
- Bingham Lake Park located at 7740 Lakeshore Drive
- Pinery Loop Trail
- Natural Open Spaces located throughout The Pinery
- Many open space tracts as steep narrow drainages not suited for development

Many residents have home offices that they use full-time and part-time.

Misty Pines and Hidden Village communities are within the boundaries of the greater Pinery area and have Firewise USA status.

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Utilities

The Pinery Water and Wastewater District (PWWD) has critical infrastructure throughout the community: several deep wells, pump stations, and underground reservoirs (tanks). The District maintains a network of hydrants that can deliver up to 1,500 gallons per minute. The other significant existing resource near The Pinery is Bingham Lake, which district personnel have identified as suitable for helicopter operations for wildfires. This lake is wedged between The Pinery and High Prairie Farms Metro District.

Many of the PWWD facilities are underground, but maintaining both access and power to all facilities is as crucial as maintaining the integrity of the facilities. All infrastructure has backup power supplies to assure water delivery.

Other utilities also maintain critical infrastructure in The Pinery. Core provides electrical service, CenturyLink provides telephone service, Xcel Energy provides natural gas service to the northern portion of the community while Black Hills Energy services the southern portion, Xfinity/Comcast is a cable television/cell/internet provider, and several other firms provide internet services. A significant transmission pipeline containing hazardous liquids parallels US Highway 83 along the western edge of the community. It is operated by Magellan Pipeline, which is based in Oklahoma (See Appendix for a map of the pipeline). While most of this infrastructure is also underground, a wildfire in The Pinery could disrupt service delivery.

Fire History

Although The Pinery was built within a wildfire-prone ecosystem, it has not experienced a large wildfire since it was established in the 1970s. Between 2019 and 2022, six wildfires have burned in this community (Station 43’s first-due neighborhood) and none of them has burned more than approximately one-half acre.

Fires by Acreage and Location	2019	2020	2021	2022
0.1 Acres				
8451 Thunderhill Heights				1
N Hwy 83 NB				1
6584 S Trailway			1	
Betts Ranch Road		1		
8360 Lakeview Drive		1		
8381 Gopher Court	1			

The Burning Tree Fire, which ignited March 24, 2011, threatened this community, but did not enter it. A combination of hot temperatures, dry fuels and strong winds caused a small fire ignited by fireworks to grow into a 1,600-acre blaze that threatened scores of homes and caused the sheriff’s office to evacuate The Pinery and other communities. The wildfire stopped growing when a cold front passed the area, causing the winds to blow from the north and push the fire back onto burned fuels.

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Community Risk Assessment

According to the SMFR Community Wildfire Protection Plan (CWPP), the wildfire risk of The Pinery is High because few homes in this wildfire-prone ecosystem have adequate defensible space and many have flammable native or ornamental landscaping adjacent to the structure. Many areas are at risk for home-to-home ignition and urban conflagration which cause additional challenges for the community.

Although some homes have been hardened to reduce wildfires, the dominant home construction features wood siding with a mix of asphalt roofs. Wood decks and projections are common as are wood fences that contact homes. Some homes lack address markers and of those that do, most are markers on a mailbox mounted on a wooden pole.

In terms of access, roads in The Pinery are generally good, but there are dead ends, and many driveways lack turnarounds for emergency apparatus. There are solid routes leaving the community.

North Pinery Parkway can lead traffic west to Highway 83 (Parker Road) and southeast to South Pinery Parkway and Democrat Road. Betts Ranch to the north leads to Hidden Village and eventually to Hilltop Road. Fox Sparrow leads south to Bayou Gulch Rd from South Pinery Parkway. North Ponderosa Way and South Powell Road lead to Heritage Oak Drive and then to Democrat.

Fuels are generally moderate loads of shrubs and grasses with ponderosa pines and other conifers growing in stringers and patches. The topography is gently rolling hills but complicated by ravines and drainages.

Risk Reduction Priorities

Community risk reduction takes a village; it requires individual actions and collective action to be effective over a longer term. Committee members and residents identified several strategies for reducing the impact of wildfire for PHA that could be implemented at the PHA level.

- Education – The PHA will continue providing educational information to residents about wildfire risk. SMFR staff will be invited to attend meetings and community events, contribute to newsletters and websites. Residents will be encouraged to complete the SMFR Wildfire Home Assessment Survey before requesting a free property evaluation provided by SMFR. Handouts on Fire Preparedness and Property Fire Mitigation will be available to residents at community meetings and events, in the PHA office, articles in the PHA newsletter and through links available on the PHA website. The PHA currently provides educational information from three sources.
 1. South Metro Fire Rescue's Neighborhood Mitigation Planning Guide. This guide provides residents with basic Fire Science and Fire Behavior information and how that pertains to types/location/condition of plants in their yards. A listing of native wildfire resistant groundcover, low shrub, large shrub, and tree species is provided in the guide. Also listed are "bad" "quickly igniting" plant species and fire mitigation recommendations for structures and

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fences. SMFR's guide informs residents of the Ready, Set, Go campaign and Douglas County's reverse emergency notification system used for evacuation. Finally, the guide provides a listing of programs that may assist property owners with some fire mitigation costs.

2. NFPA FIREWISE USA – FIREWISE.ORG – How to Prepare Your Home for Wildfires brochure. Link to NFPA website provided on PHA website. Children's Fire Education items acquired through NFPA.
 3. Ready, Set, Go! Wildland Fire Action Guide
- Covenant Updates – Many of the filings have their own covenants and few consider topics pertinent to wildfire prevention beyond requirements for exterior siding and fencing. None of them expressly requires wood shingles for roofing. They do prohibit removing healthy trees without approval of the architectural control committee. All require diseased trees to be removed; Filings 6, 6A, 7, 8 and 8A require homeowners to replace dead trees with two trees of the same species but exceptions to this can be approved by the ARC. However, amending each set of covenants to be consistent with SMFR's ignition resistant construction standards (see www.southmetro.org) would help future homeowners be safer. The requirements for amending covenants make this process difficult to achieve quickly but will be considered over a period of years.
 - The current PHA Architectural Standards were revised August 2023. They recommend the use of class 'A' fire resistant roofs. Metal Roofing has been approved and will continue to be reviewed on a case-to-case basis.
 - Property Mitigation – Most homeowners and renters can improve their safety by modifying growing and built fuels on their properties. Aging homes and mature vegetation provide many opportunities for wildfires to expand. The PHA has yearly "Chipper Days" free of charge to interested residents. Chipper days allow residents to utilize a chipping truck that comes to their home and paid for by the PHA to help clean up fire combustible debris from their property. Once a resident signs up to participate in Chipper Days they receive emailed instructions on placing debris along the street in front of their home and when their date of service is expected.
 - Douglas County owns and manages lands within the Pinery community, both open space tracts and public Rights-of-Ways. Many open space tracts are narrow, steep drainages with stringers of vegetation and difficult access. There are some larger tracts that serve as good demonstration sites for the community and function in a shaded fuel break capacity between groups of homes. The DC CWPP identified some parcels as a target for treatment that would serve as demonstration sites for the community. Smaller parcels received a conditional recommendation, they would be treated in conjunction with perimeter residences as treating only the open space parcel would not be effective for reducing any potential fire behavior.

The tract, known as the Pinery Preserve, located off Lt. William Clark Rd in Area 4 had initial fuels work done in 2002 as a cooperative project with the fire district. Additional treatment for removal of bug trees and oak and ladder fuel treatments followed. Fuels treatments on this parcel are currently maintained.

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The open space tract off North Pinery Parkway and Thunderhill Rd, also in Area 4 was also treated with a demonstration site in mind. Fuels in this parcel are also maintained.

There are ongoing efforts to identify and consider areas for treatment in conjunction with other neighborhood efforts and concerns.

Dead trees in County rights of ways are also removed in conjunction with road maintenance activities.

- The PHA is responsible for the removal of dead trees in PHA owned parks and open spaces.

Because the community is so large, the committee decided to separate it into five treatment areas. Those five areas, loosely based on filings to ease communication, also share vegetation, access and building characteristics. They include adjacent lands and properties, such as schools, that are vulnerable to wildfires and could influence fire behavior. (See Appendix for Area Maps).

Area 1

This area consists of approximately 420 homes, an elementary school and golf course. It includes properties in The Pinery Filings 1, 1A, 1B and 1C as well as homes along Windwood Way west of North Pinery Parkway that are not part of HOA. Its homes are surrounded by a grass ecosystem and the greens of a golf course. While the native grasses could propagate a wildfire, the manicured and irrigated greens could reduce fire behavior. The area covers 388 acres. Area 1 includes 28.44 PHA owned acres including the main Front Entry at Parker Road and North Pinery Parkway, Pinery Nature Park and various open spaces.

Area 2

This 599-acre area consists of approximately 839 homes and an elementary school. The homes are in Filings 2, 2A, 2B, 3, 3A, 3B, 3C, 3D, 4 and 4A. Little native grassland exists in this area; the dominant vegetation, much of which is flammable, has been planted around homes and grows unchecked within yards. Ponderosa pines are growing in county open space along Fonder Draw, a small stream south of Lakeview Drive and Mad River Road. Area 2 includes 18.66 acres of PHA owned properties including Lakeshore Park and various open spaces.

Area 3

Approximately 541 homes exist in this 373-acre area. A handful north of Ponderosa Way (part of Filing 6) and along Derby Way (part of Filing 7) are on larger lots, but most homes in Filings 6, 6A and 7 are on lots less than a single acre. This area also includes homes that are not part of the HOA. The ecosystem is characterized by a ponderosa pine overstory, oak and other deciduous brush species and native grasses. Although ponderosas are a fire-resistant tree, their density and the presence of ladder fuels could lead to groves of trees igniting and creating conditions ripe for short crown fires that burn through trees and homes. The Timbers developed part of this area in 2019/2020 providing fire mitigation, new roads, and new homes. This development has added additional exits from the Pinery. The PHA has updated the map of the entire Pinery in 2023 including these new exits. The new map is available for residents at the PHA office, on the PHA website and displayed at the entrance of The Pinery located at Parker Road and North Pinery

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Parkway. Area 3 includes 6.2 acres of PHA owned property including North Park, and various open spaces.

Area 4

It consists of approximately 193 homes within 198 acres, but a significant portion of that acreage is maintained by two landowners. Douglas County Open Space manages approximately 36 acres straddling Lt. William Clark Road. A 39-acre property zoned as agricultural between the open space and South Pinery Parkway is owned privately. Homes that belong to The Pinery are in Filing 5AM, which also includes 18 acres of forested open space managed by Douglas County and nearly five acres of grassland managed by High Prairie Farms Metro District adjacent to South Pinery Parkway.

An additional fuel hazard exists within the open space straddling Lt. William Clark Road that is managed by Douglas County. The Douglas County Mitigation Crew began treating the open space in September 2015. They planned to reduce the density and continuity of oak, remove ladders fuels, and eliminate standing dead trees. Both areas will become demonstration sites for the community. Area 4 does not include any PHA owned properties.

Area 5

This area is the southernmost section of The Pinery within SMFR's fire district. Area 5 includes Pinery filings 8 and 8A and includes approximately 58 homes. These homes are located on lots less than an acre. Area 5 includes approximately 3.6 PHA owned acres of open spaces.

Fuel Hazards in All 5 Areas

The greatest fuel hazards in all areas are the vegetation growing on individual properties and the structures built on those properties. PHA encourages homeowners and renters to conduct mitigation, request free property evaluation provided by SMFR and participate in the community chipping days as the strategies for reducing this type of hazard.

PHA Parks and Open spaces are monitored by the PHA Grounds Maintenance Coordinator who reports needed fire mitigation to the PHA Community Services Committee.

Zone of Influence

- West: The PHA owns lots for storing residents' recreational vehicles on the west side of Parker Road adjacent to the Pinery Water and Wastewater Treatment Plant.
- North: Two communities are north of The Pinery: Colorado Golf Club and Hidden Village. The homes of Colorado Golf Club surround a golf course primarily in a grassland's ecosystem. Hidden Village, a Firewise community, is east of the golf course in the Black Forest ecosystem. Wildfires in either area could threaten The Pinery and at a minimum lead to a partial evacuation of perimeter homes.
- East: The eastern zone of influence consists of the Timbers' continuing developments.
- South: Since the dominant winds are from the south and southwest, this aspect of the zone of influence is most critical for The Pinery. The community's southern neighbors include The Timbers, Misty Pines, Ponderosa High School, and the Colorado Horse Park.

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Communications with the Community

PHA's Methods of Sharing Information with Community Members

- General Meeting
 - Guest Speaker Specialists Regarding Fire Mitigation
 - Firewise Educational Materials
- Community Events
 - Firewise Educational Tent at the Picnic, Sheriff's Night and Trunk or Treat
- Website (www.pinery.org)
 - Quick Links
 - Resident Portal to Log Mitigation Hours www.pinery.org
 - NFPA Firewise USA www.nfpa.org
 - CodeRED www.DCSheriff.net
 - Evacuation Plan www.ready.gov/plan
 - Colorado State Forestry Service www.csfs.colostate.edu
 - SMFR Link to YouTube "The Wildfire Risk Assessment"
- Newsletter
 - Slash-Mulch Site Location and Hours
 - Free Fire Mitigation Property Assessment and Chipper Days
 - Registration Information About Douglas County CodeRED www.douglascountycodered.com
 - NFPA "How to Prepare Your Home for Wildfires"
 - Emergency Community Telephone Numbers
 - Unincorporated Douglas Country Fire Restrictions
 - House Number Visibility Guidelines
 - Free Fire Safety Articles from the SMFR
 - NFPA Earth Smarts www.sparky.org
- Signage at the Entrance to The Pinery from Parker Road as Well as Betts Ranch Road
- Resident Email Blasts
- New Resident "Welcome Packets"
 - Fire Mitigation Handouts from the South Metro Fire Rescue and NFPA

Examples of wildfire risk/fire prevention education communications are included in Appendix. While it does not include all articles and postings, the appendix does serve as a useful repository for outreach documentation.

Accomplishments/Goals

2016-2023 Educational Outreach and Events/Mitigation on PHA Owned Property

- 2016 – Neighborhood Firewise Chipping Days. Our Firewise events were a series of four slash chipping days. Residents who attended a Firewise mitigation meeting with our local fire department and paid their HOA dues were eligible to participate. PHA used a grant and HOA funding to pay a private company to do door to door chipping.

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- 2017 – Coordinated a community-wide awareness/educational activity that increases wildfire risk reduction actions and overall preparedness. We held two Fire Mitigation events on March 29, 2017, and April 6, 2017, in preparation of our Community Chipping event that was held from May to July. Einar Jensen from South Metro Fire District provided information about our wildfire risk in The Pinery and mitigation measures that our residents could take to reduce that risk. Materials were provided to those that attended. In total we had approximately 25 people attend. PHA Newsletters included articles and community information regarding Firewise/Fire Prevention education.
- 2018 – Coordinated a community-wide awareness/educational activity that increases wildfire risk reduction actions and overall preparedness. The PHA sponsored its annual chipping event. This includes information provided during our annual community picnic, chipping information session, resident mitigation efforts and curbside chipping pickup. 40 residents participated in Chipper Days. 60 cubic yards of vegetation were removed.
- 2019 – Coordinated a community-wide awareness/educational activity that increases wildfire risk reduction actions and overall preparedness. Annual Picnic – Firewise tent providing educational materials with SMFD and Douglas Co Specialist participation. Instruction given to attendees on how to use the new portal on PHA website to document hours spent and cost incurred for fire mitigation in their yards. Distributed “Welcome Packets” with wildfire literature to all new residents. PHA meeting or community-wide presentation that detailed the need for and importance of individual wildfire preparedness. Wildfire related articles placed in community newsletter. Wildfire workshop for residents with speakers/demonstrations from a forestry agency, fire department, or emergency management office. Portal added to PHA website for fire mitigation hours. Annual Chipper Days removed 90 cubic yards of vegetation.

Removal of Junipers at PHA owned Front Entry (Area 1 – PHA property 1).

- 2020 – Coordinated a community-wide awareness/educational activity that increases wildfire risk reduction actions and overall preparedness. Distributed “Welcome Packets” with wildfire literature to all new residents. The local emergency manager provided a presentation on building an emergency preparedness kit. Residents participated in a volunteer mitigation activity for a senior or disabled neighbor. Wildfire related article(s) placed in the community newsletter. COVID challenges – canceled the annual picnic, where we would have tables and fire dept personnel with literature. We would also promote chipper days at event. Canceled Drill Evacuation that was scheduled for May 1. Cancelled presentation on emergency kit and evacuation plan. PHA Chipping truck pick-up at residences for several days. Eighty cubic yards of vegetation were removed. Education through bi-monthly newsletter and a special mailing on Fire Mitigation. Topics included: Emergency kit, evacuation tips, Code Red promotion, fire resistant plants, how to get a free property mitigation assessment, where to take slash and links on how to mitigate your yard. Added additional Fire Mitigation information and links to PHA website. Quarterly gift card prize drawing for residents providing fire mitigation hours/cost through website portal, email or written to PHA office. CSC worked with

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arborist and PHA Grounds Maintenance Coordinator to create plan for health/removal of trees on PHA properties.

- Executive Board negotiated a new trash program contracted to begin March 2021 in include 3 bags of yard debris and small bundles of limbs for each home with weekly trash pick-up and 2 events scheduled spring and fall additional yard debris pick-up. Changes in the trash industry have caused many companies not to provide pick-up of bagged debris going forward. EB contracted with a local trash company that agreed to provide this service, which is very important in The Pinery due to vegetation.

PHA Fire Mitigation removal of dead trees and pruning on PHA properties – Front Entry (Area 1 – PHA property 1), North Park (Area 3 – PHA property 19), Lakeshore Park (Area 2 – PHA property 13) Open Spaces (Area 2 – PHA properties 14, 5,6).

- 2021 – Coordinated a community-wide awareness/educational activity that increases wildfire risk reduction actions and overall preparedness. Distributed “Welcome Packets” with wildfire literature to all new residents. HOA meeting or community-wide presentation that detailed the need for and importance of individual wildfire preparedness. Residents participated in a volunteer mitigation activity for a senior or disabled neighbor. Wildfire related article(s) placed in the community newsletter. Due to COVID restrictions the meeting room was not available part of the year. Attendance at the meeting we held was down due to COVID. Drill planned for the prior year was rescheduled for May 2023. Annual Chipper Days are held. Quarterly gift card prize drawing for residents providing fire mitigation hours/cost through website portal, email or written to PHA office. At PHA Movie Night, Fire Mitigation/Firewise information was available to attendees. “Sheriffs Night Out” fire mitigation tent with information on chipper days, website portal instruction for submitting home fire mitigation hours/cost. Arborist and PHA Grounds Maintenance Coordinator identified dead trees on PHA owned properties.

Fire Mitigation removal of dead trees and pruning on PHA properties – (Area 2 – PHA properties 6, 16, 18). PHA mowed Douglas County owned Pinery Parkway median (Area 1,2) to maintain natural grasses for safety.

- 2022 – Distributed “Welcome Packets” with wildfire literature to all new residents. HOA meeting or community-wide presentation that detailed the need for and importance of individual wildfire preparedness. Wildfire related article(s) placed in community newsletter. Annual Chipper Days are held. Quarterly gift card prize drawing for residents providing fire mitigation hours/cost through website portal, email or written to PHA office. Arborist and PHA Grounds Maintenance Coordinator identified dead trees on PHA owned properties.

Fire mitigation removal of dead trees and pruning on PHA properties - (Douglas County South Pinery Parkway median between PHA properties 1, 2 - PHA Front Entry), (Area 2 - PHA open space properties 6, 15), (Area 3 - PHA North Park property 19), (Area 3 - PHA open space property 21).

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- 2023 – Distributed “Welcome Packets” with wildfire literature to all new residents. Newsletters included articles and community information regarding Firewise/Fire Prevention education. Annual Chipper Days are held. The first community HOA meeting was cancelled due to the weather. The second meeting had poor attendance, but Firewise/Fire Prevention material was available. Production of new PHA maps showing all additional exits created during continuing Timbers development. New map with all exits placed on PHA Website and at Front Entrance to the Pinery. Quarterly gift card prize drawing for residents providing fire mitigation hours/cost through website portal, email or written to PHA office. Arborist and PHA Grounds Maintenance Coordinator identified dead trees on PHA owned properties.

Fire mitigation removal of dead trees and pruning on PHA Open Space properties - (Area 1 - PHA property 10), (Area 2 - PHA properties 5, 6, 15, 16), (Area 5 PHA Filing 8A). PHA mowed Douglas County owned Pinery Parkway median (Area 1,2) to maintain natural grasses for safety.

Link on PHA website to South Metro Fire Rescue Neighborhood Mitigation Planning Guide. The guide provides a listing of native wildfire-resistant groundcover, shrub, and tree species for residents. Tent/table at Trunk or Treat in Lakeshore Park providing children's fun Fire Education related coloring pages/pencils/tattoos and Firewise information for parents. Email blast to residents of Halloween Fire Safety tips from NFPA.

2024-2026 Action Plan

- Continue providing Firewise education through “Welcome Packets”, Newsletters, Website, Annual Community Meeting, Annual Picnic, and other events. Continue Annual Chipper Days and Quarterly Gift Card drawing for residents entering fire mitigation hours through website portal. Monitoring of all PHA owned properties by Grounds Maintenance Coordinator to identify any dead trees and areas needing fire mitigation.
- Place 5-year PHA Neighborhood Mitigation Plan on website. Articles in the Newsletter regarding PHA fire mitigation efforts. Direct residents to website to review the plan and encourage interested residents to get involved in these efforts and join the Fire Mitigation/Firewise Committee.
- Partner with SMFR to create a stronger emphasis on visible and consistent house addressing in our community through education in the newsletter, website and handout materials. Find creative ways to present the need for better house addressing at fire mitigation area during events. Provide residents with resources like websites and stores that provide good options to update their current house numbers.
- Incorporate SMFR self-led Wildfire Home Assessment tool into our current education plan. Encourage residents to utilize this free resource which empowers individual homeowners to determine the level of wildfire risk for their homes. Upon completion of this assessment homeowners that score in one of the higher-risk categories will receive an auto-response with contact information to schedule an in-person follow-up.

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- Work with Douglas County Wildfire Mitigation team using the COWRA mapping program in our resident education to focus on targets for residents around reducing potential home ignition and increasing their defensible space.
- Update all fire mitigation printed handouts that we have available to residents with the help of SMFR and Douglas County Wildfire Mitigation team.
- Update all fire mitigation links on PHA website and move the links to a more easily assessable Firewise Quick Link list on the website homepage in the fire mitigation area. Add additional links:
 - IBHS Ember Generator video (for residents new to living in wildland fuels area)
 - Be Ember Aware
 - Combustibility of Landscape Mulch
 - Douglas County Wildfire Mitigation Page
 - CSFS direct link to “HIZ” Guide (Home Ignition Zone) and Low Flammability Plants Fact Sheet. CSFS is currently on PHA website but needs to be moved to a home page quick links for fire mitigation
- Request Firewise specialist guest speakers for PHA community meetings.
- Request current new articles for newsletter and website from SMFR and Douglas County.
- Request onsite fire mitigation assessment of PHA owned open space properties by SMFR or Douglas County Fire Mitigation team.
- Continue working with ARC to add additional Firewise home products that can be recommended to residents.
- Provide Firewise related pencils, coloring books, etc. to students at schools in the Pinery community.
- Evacuation Plan: Videos can be done to help simulate; these videos highlight the exits routes within the neighborhood.
- Use PHA Nextdoor posting page as an opportunity to give current fire restriction stage when needed.

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We, the undersigned, agree that this neighborhood mitigation plan creates a path for residents of The Pinery, South Metro Fire Rescue and other stakeholders to address their vulnerabilities to wildfire through collaborative community risk reduction and work toward becoming a fire-adapted community.

Sonia Mll Eye
President, The Pinery Homeowners Association

Dec 19, 2023
Date

The Pinery Homeowners' Association would like to thank South Metro Fire Rescue and Douglas County Wildfire Mitigation team for their input in the preparation of this plan and for their Firewise partnership going forward. Together we will be able to help keep The Pinery safe for this generation of Pinery residents and generations to come.

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Appendix

2023 PHA Map Showing New Exits Created by Continuing Timbers Development

2023 SMFR Pinery Firewise Map

Map 1.0 Pinery Overview 2023

Map 1.1 Historical Growth of The Pinery 1937

Map 1.2 Historical Growth of The Pinery 1955

Map 1.3 Historical Growth of The Pinery 1993

Map 1.4 Historical Growth of The Pinery 1999

Map 1.5 Historical Growth of The Pinery 2002

Map 1.6 Historical Growth of The Pinery 2007

Map 2.0 Pinery Classic Subdivision Filings 1-8A

Map Showing Location of PHA Owned Properties

PHA Owned Properties by Area with Acre Totals

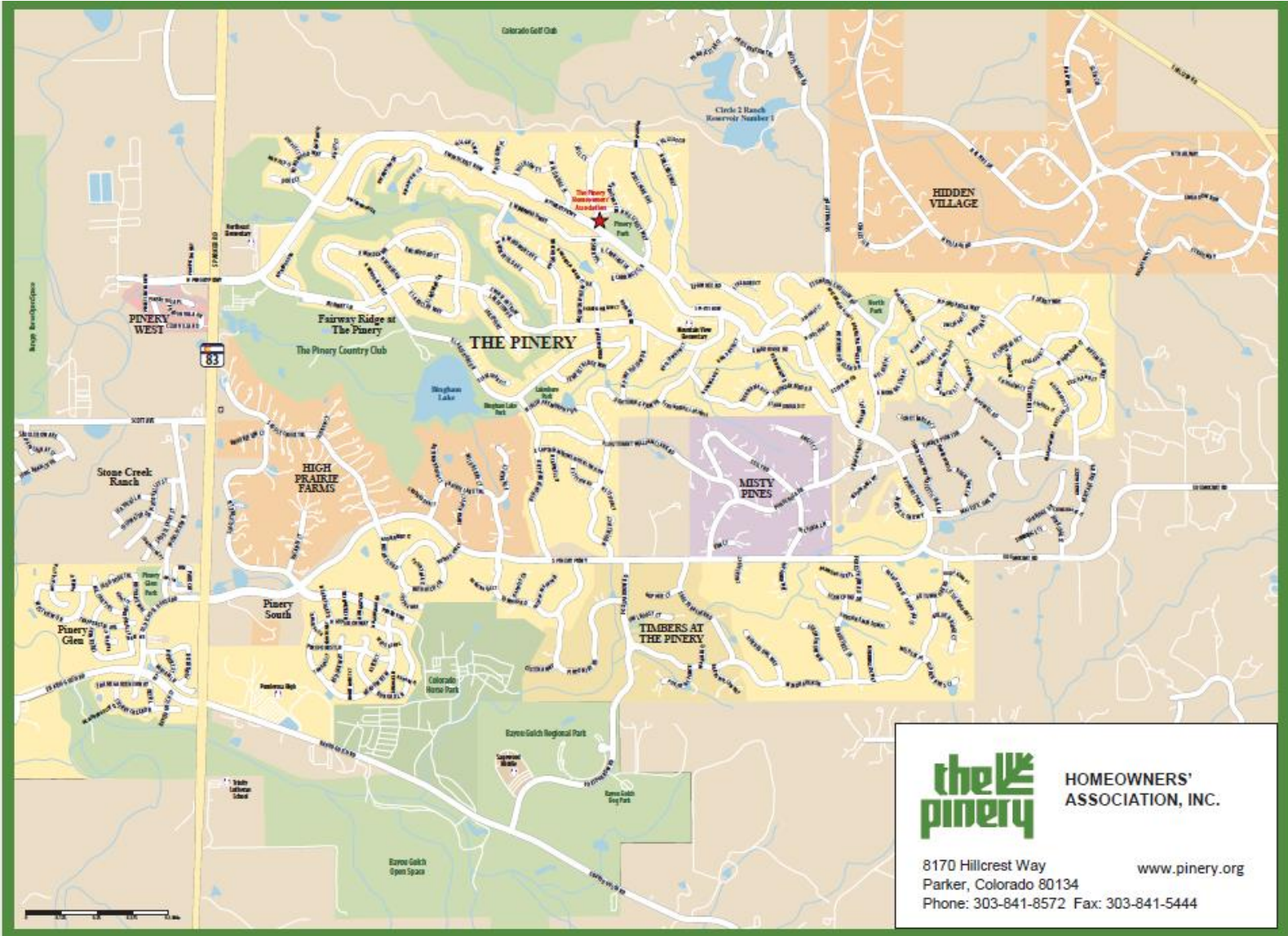
Map 3.0 Location of a Hazardous Liquids Pipeline

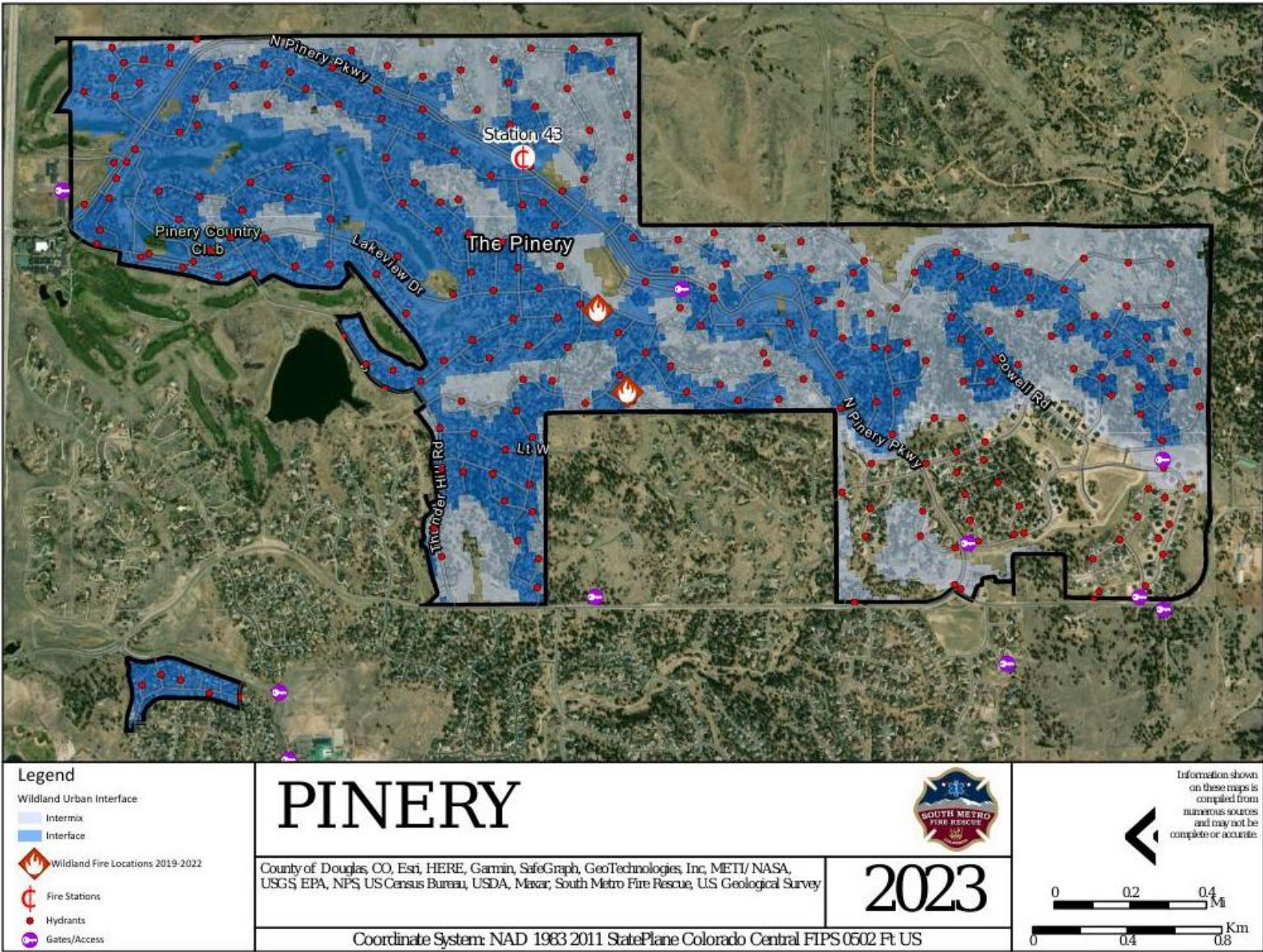
Maps Pinery Areas 1-5

Communication and Education

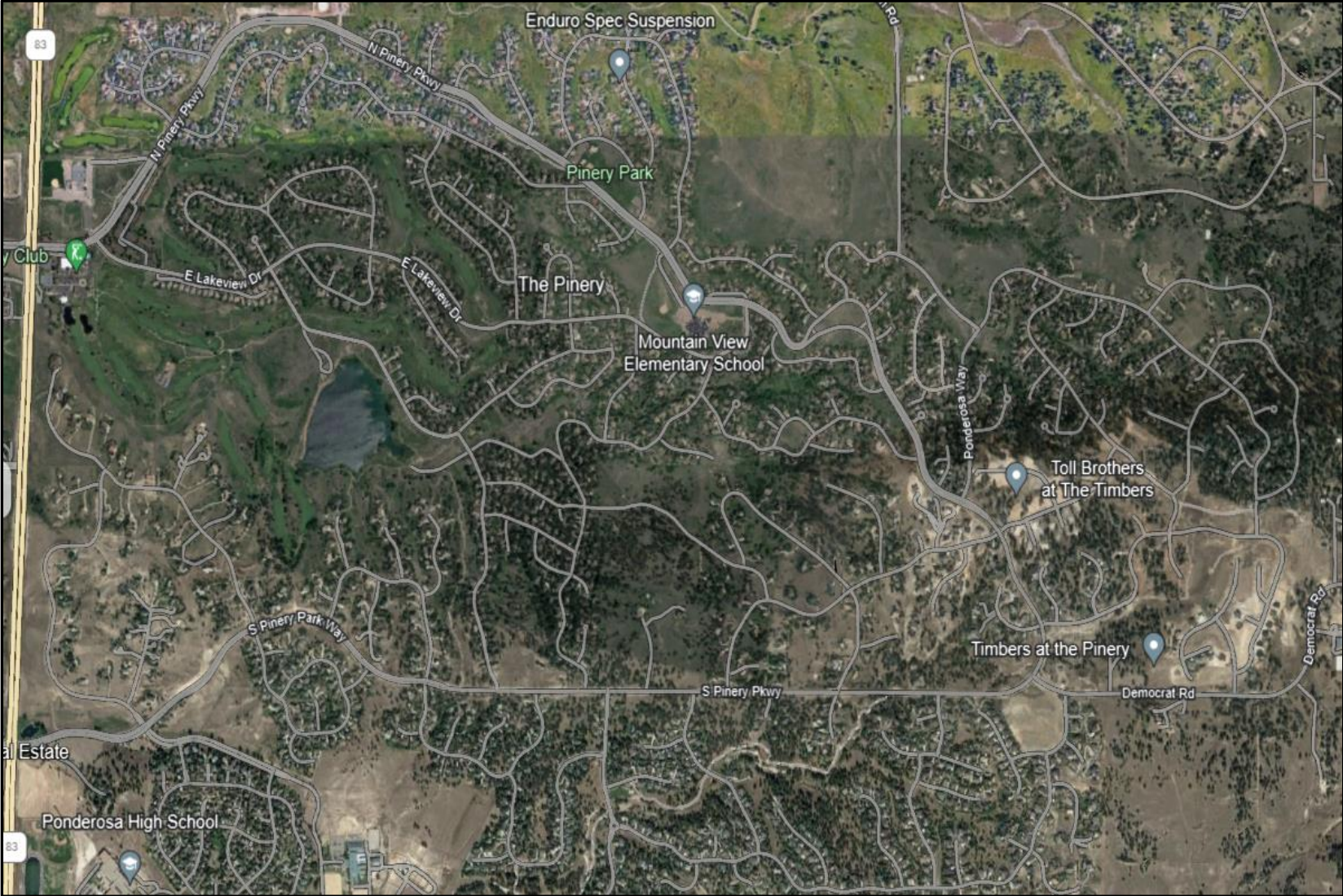
- Resident Handout with QR Code to Website for Logging Fire Mitigation Hours/Chipper Days Information/Free Fire Mitigation Property Assessments
- Website-Pinery.org
- PHA Events
- PHA Newsletter

2023 PHA Map Showing New Exits

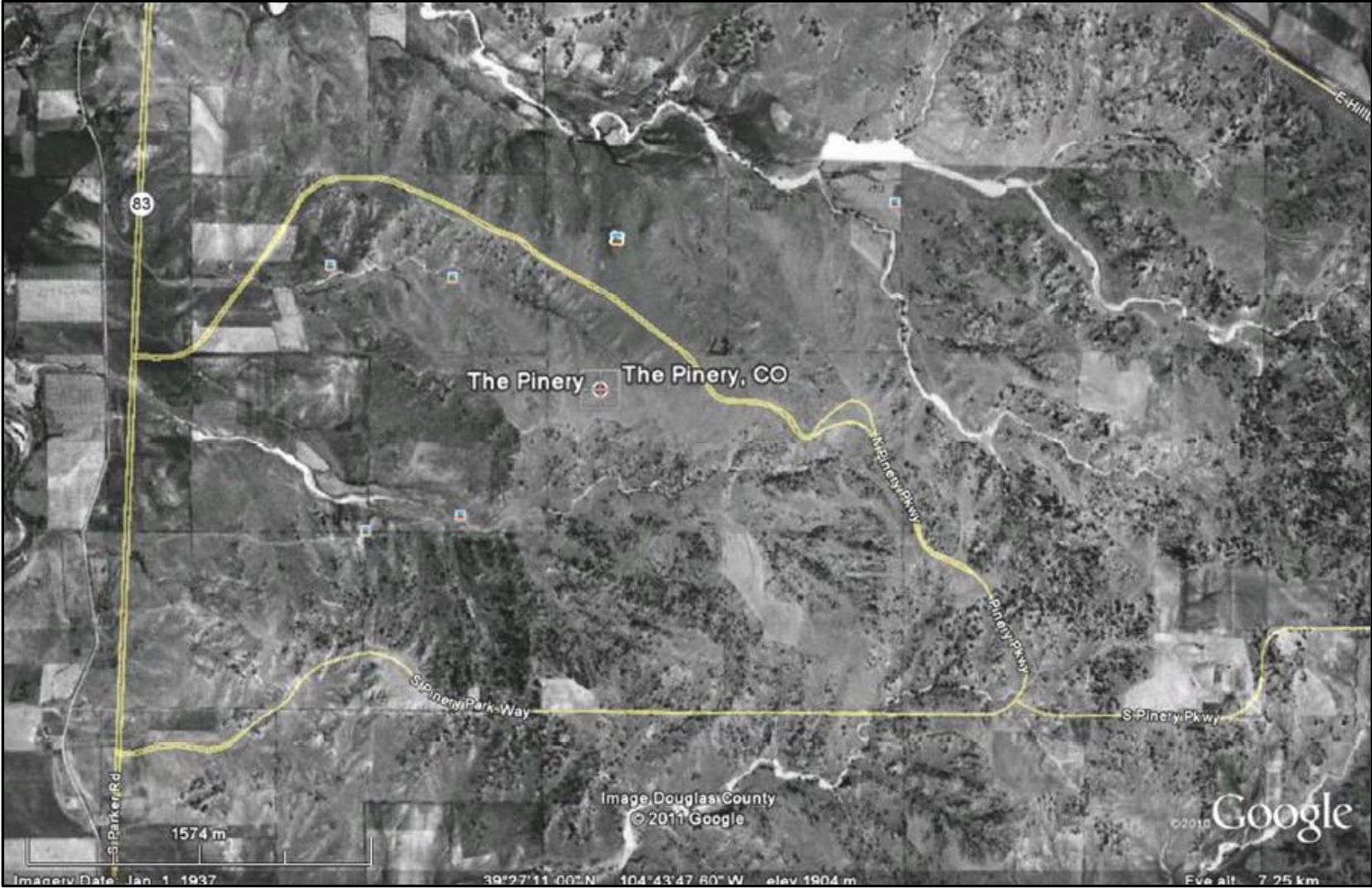




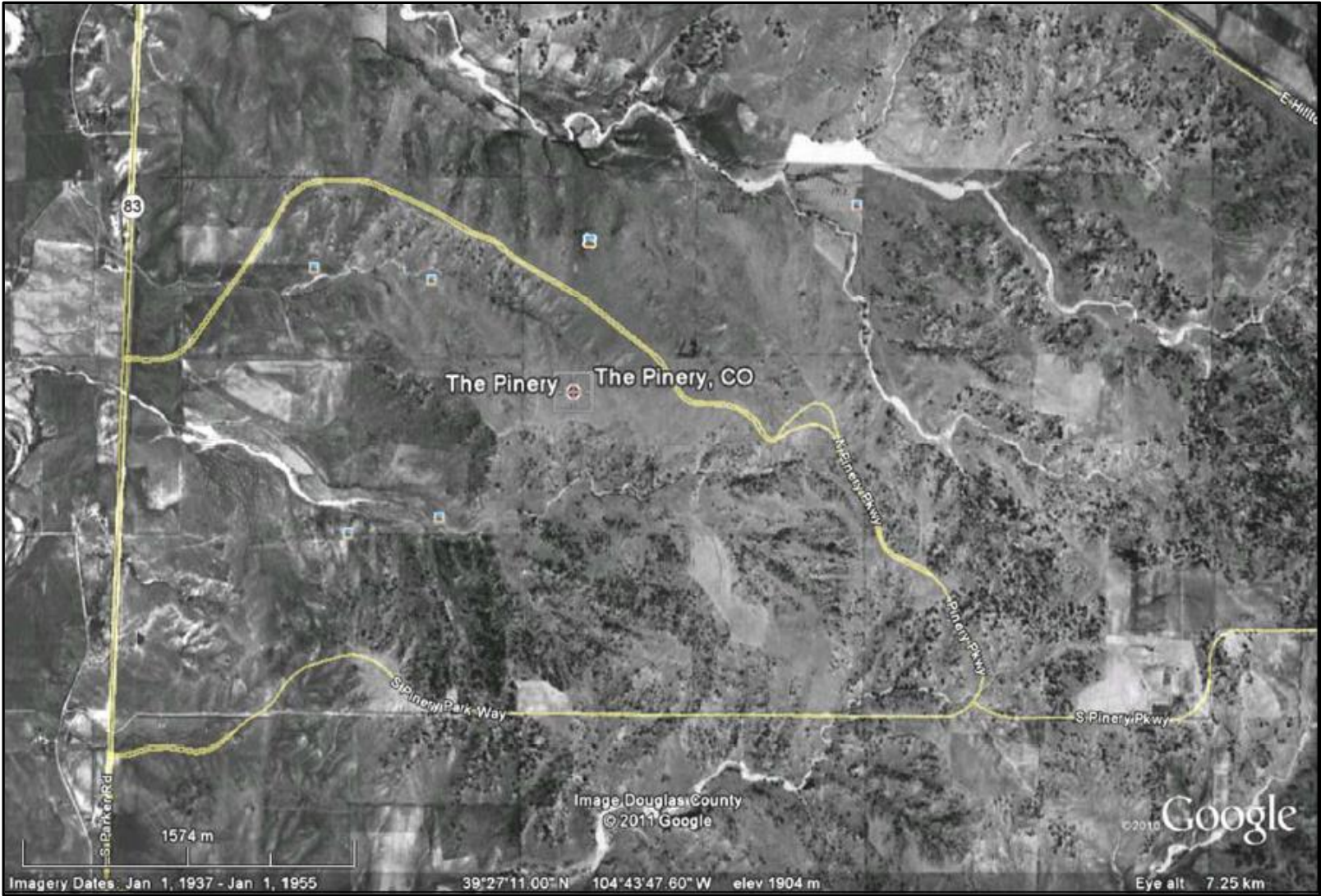
Map 1.0 The Pinery Overview 2023
Maps 1.0 to 1.6 are from Google Earth



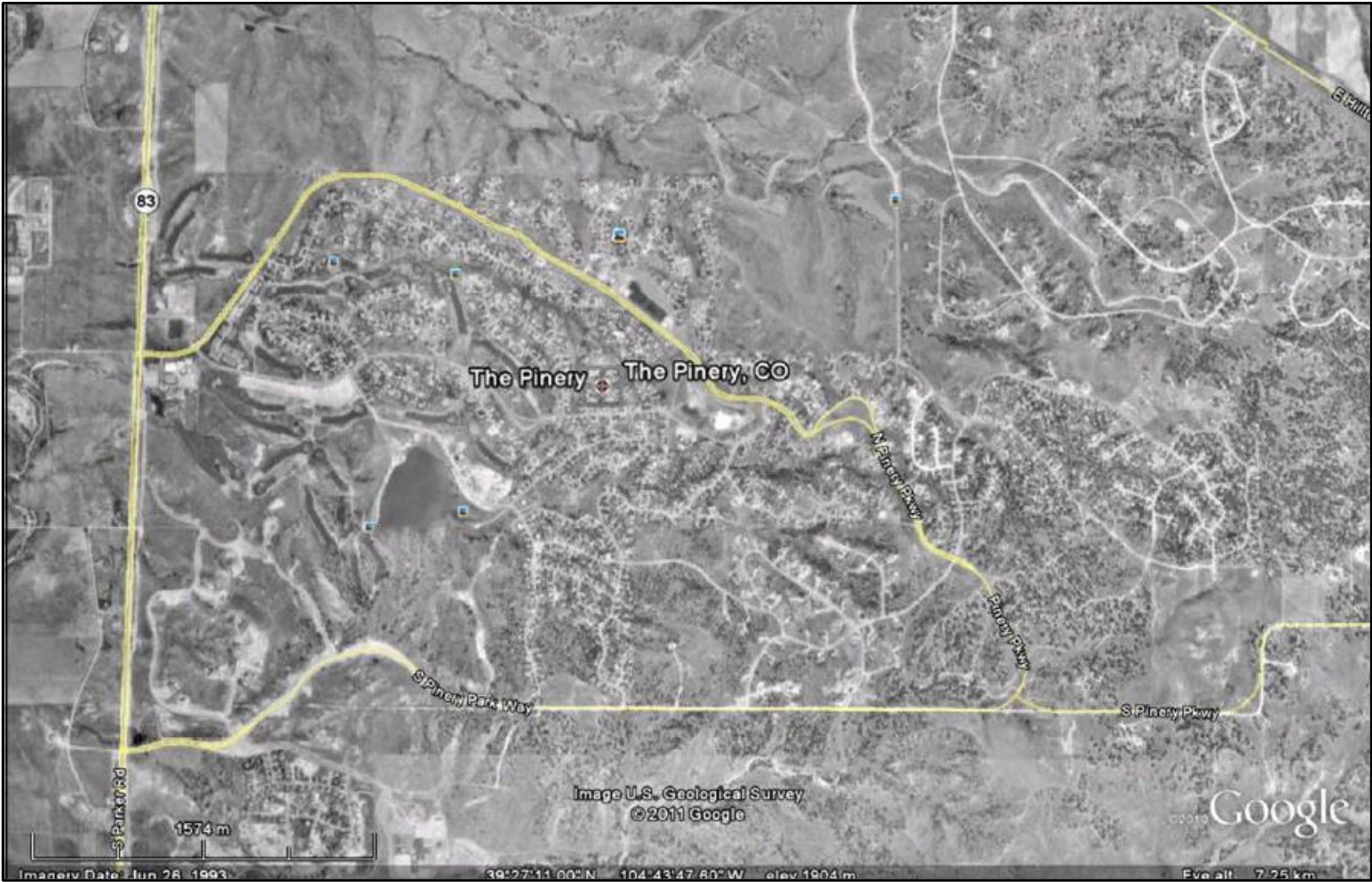
Map 1.1 Historical Growth of The Pinery 1937



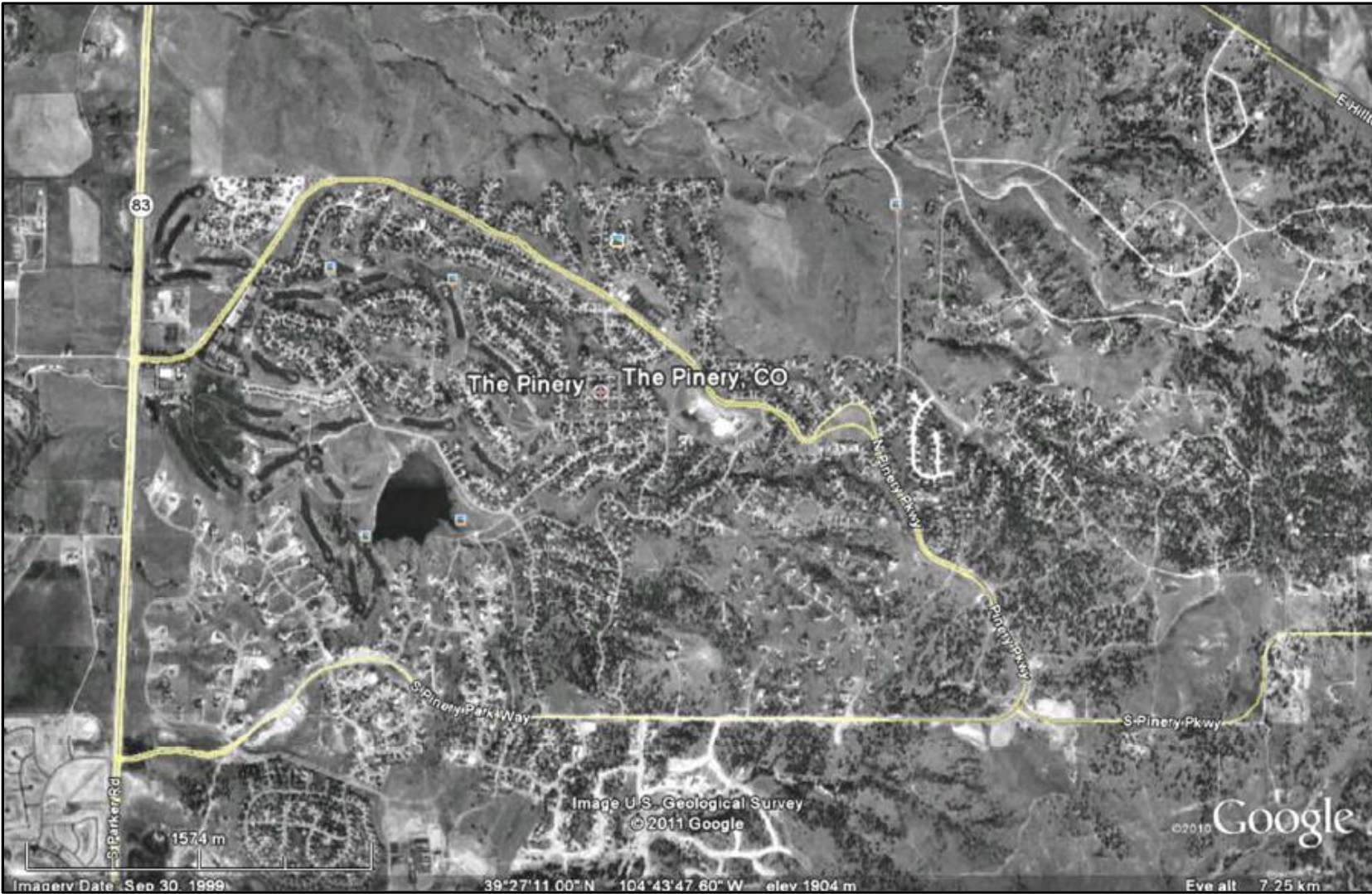
Map 1.2 Historical Growth of The Pinery 1955



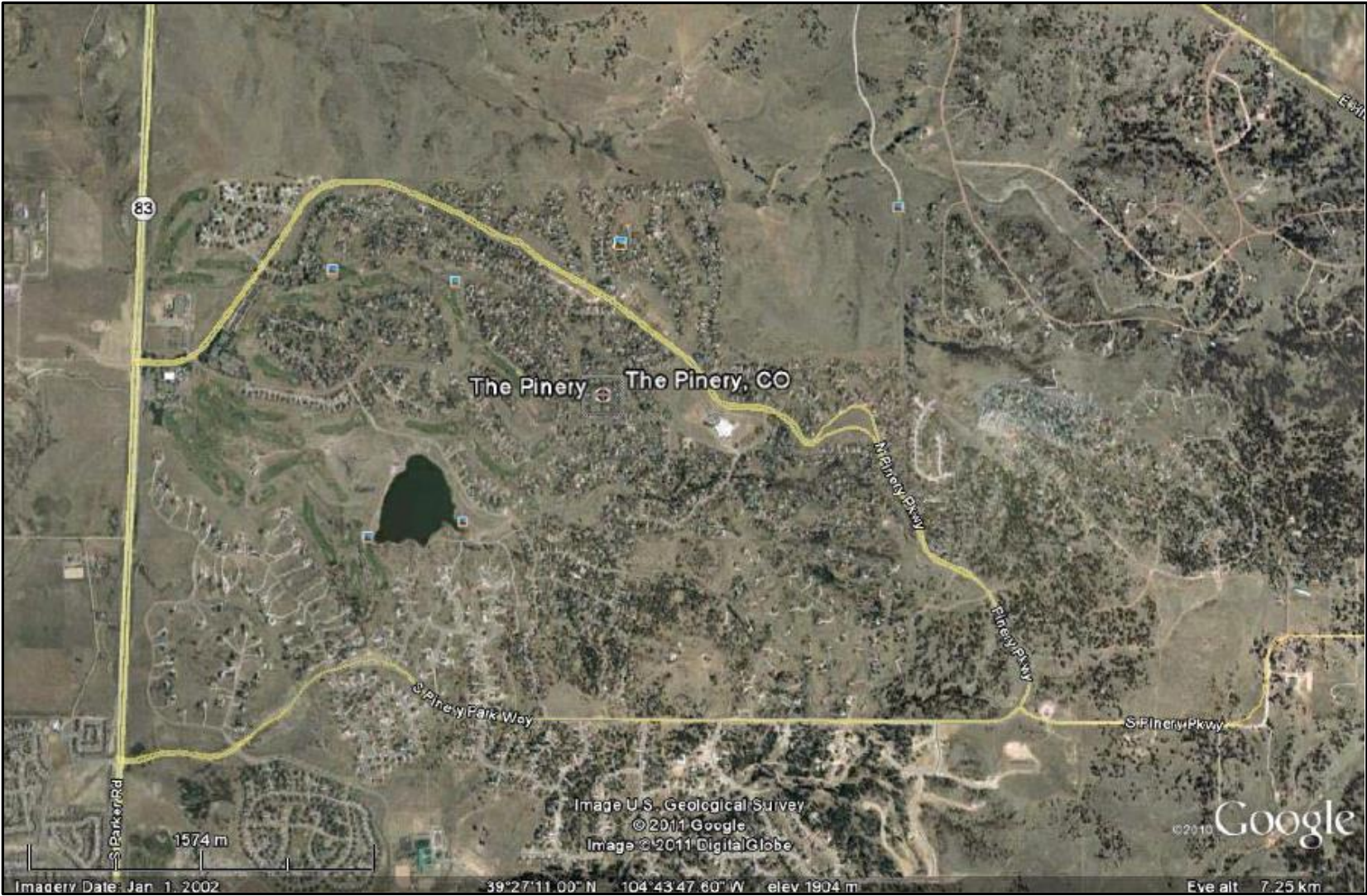
Map 1.3 Historical Growth of The Pinery 1993



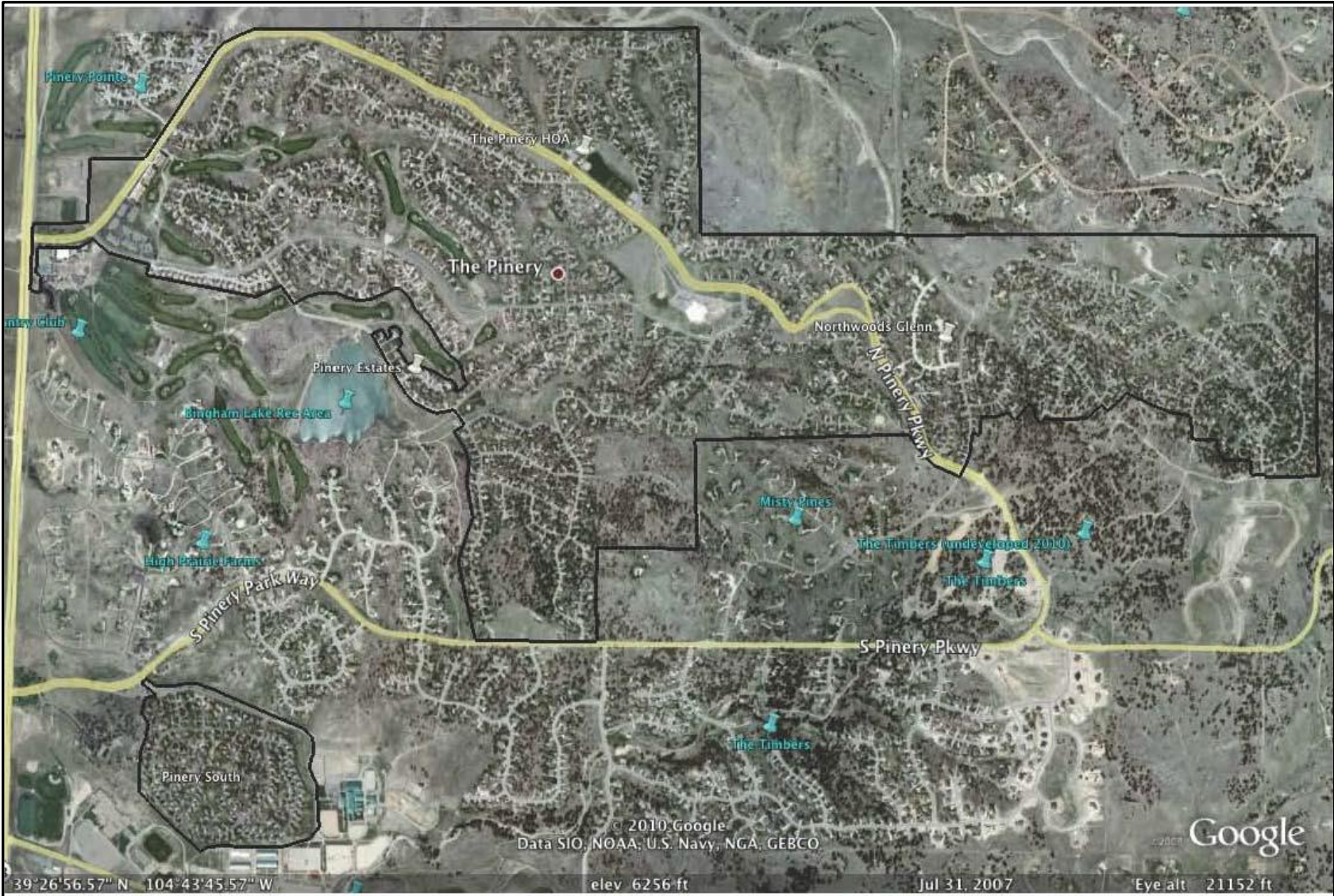
Map 1.4 Historical Growth of The Pinery 1999



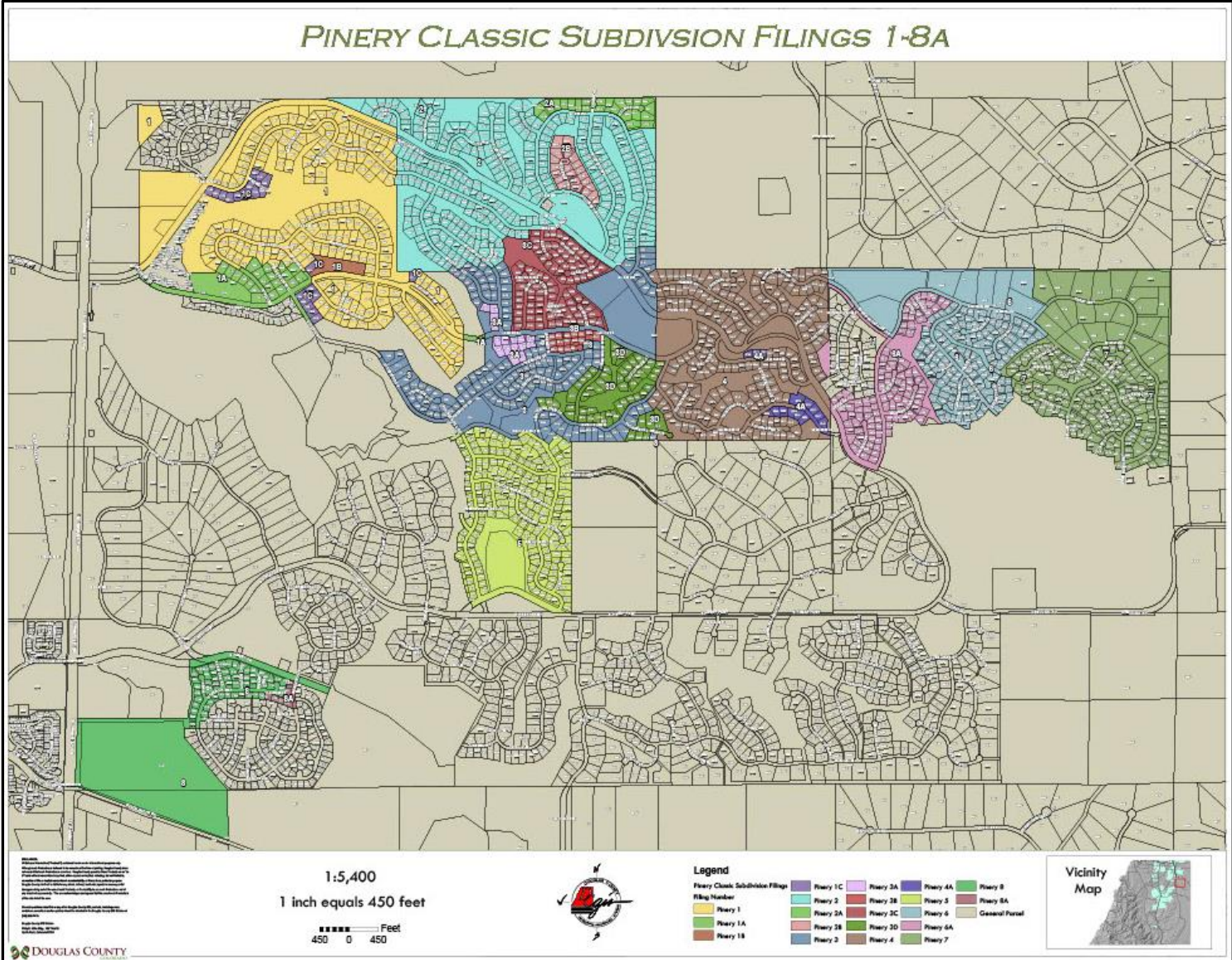
Map 1.5 Historical Growth of The Pinery 2002



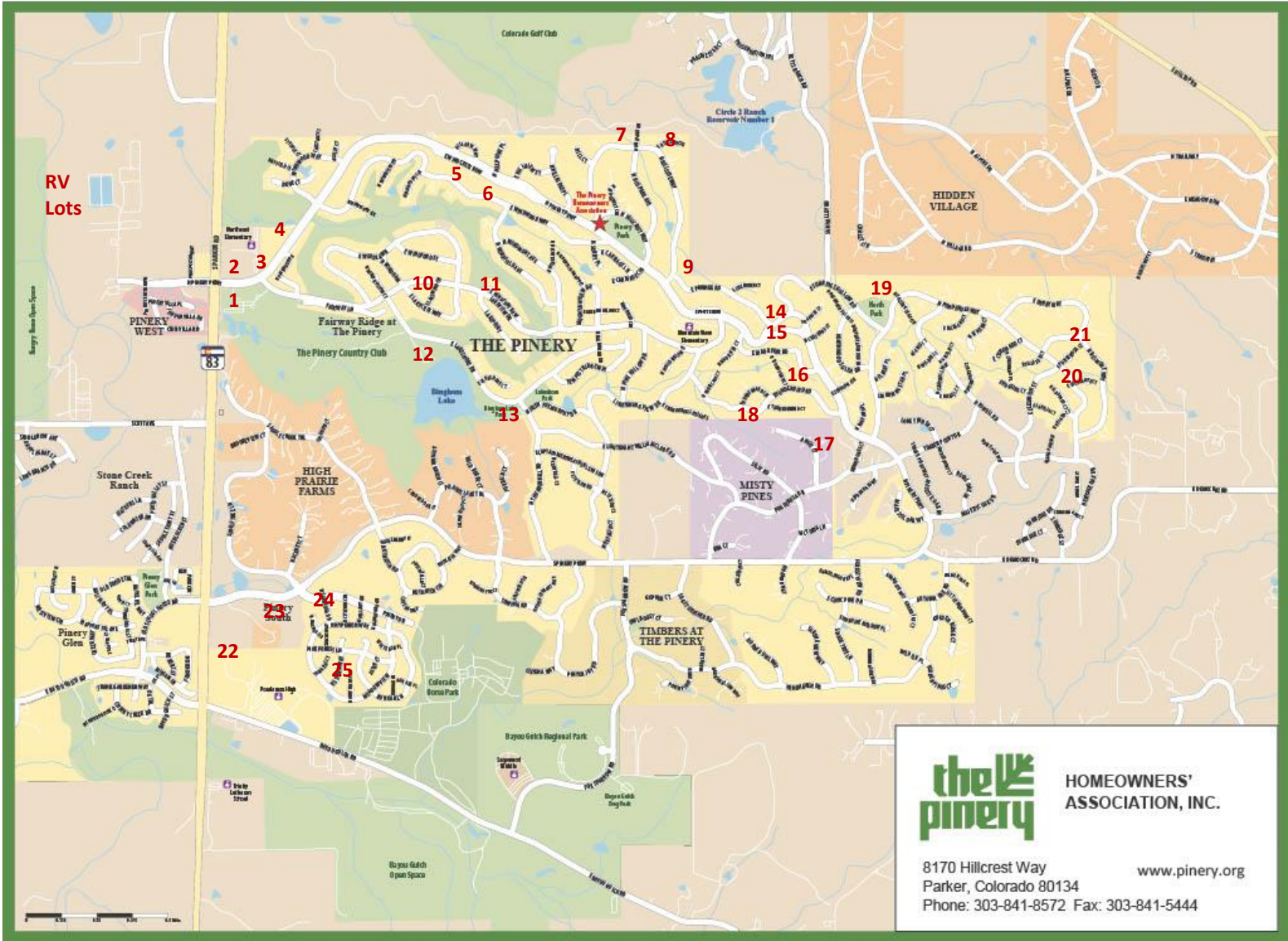
Map 1.6 Historical Growth of The Pinery 2007



Map 2.0 The Pinery Classic Subdivision Filings 1-8A



PHA Owned Properties

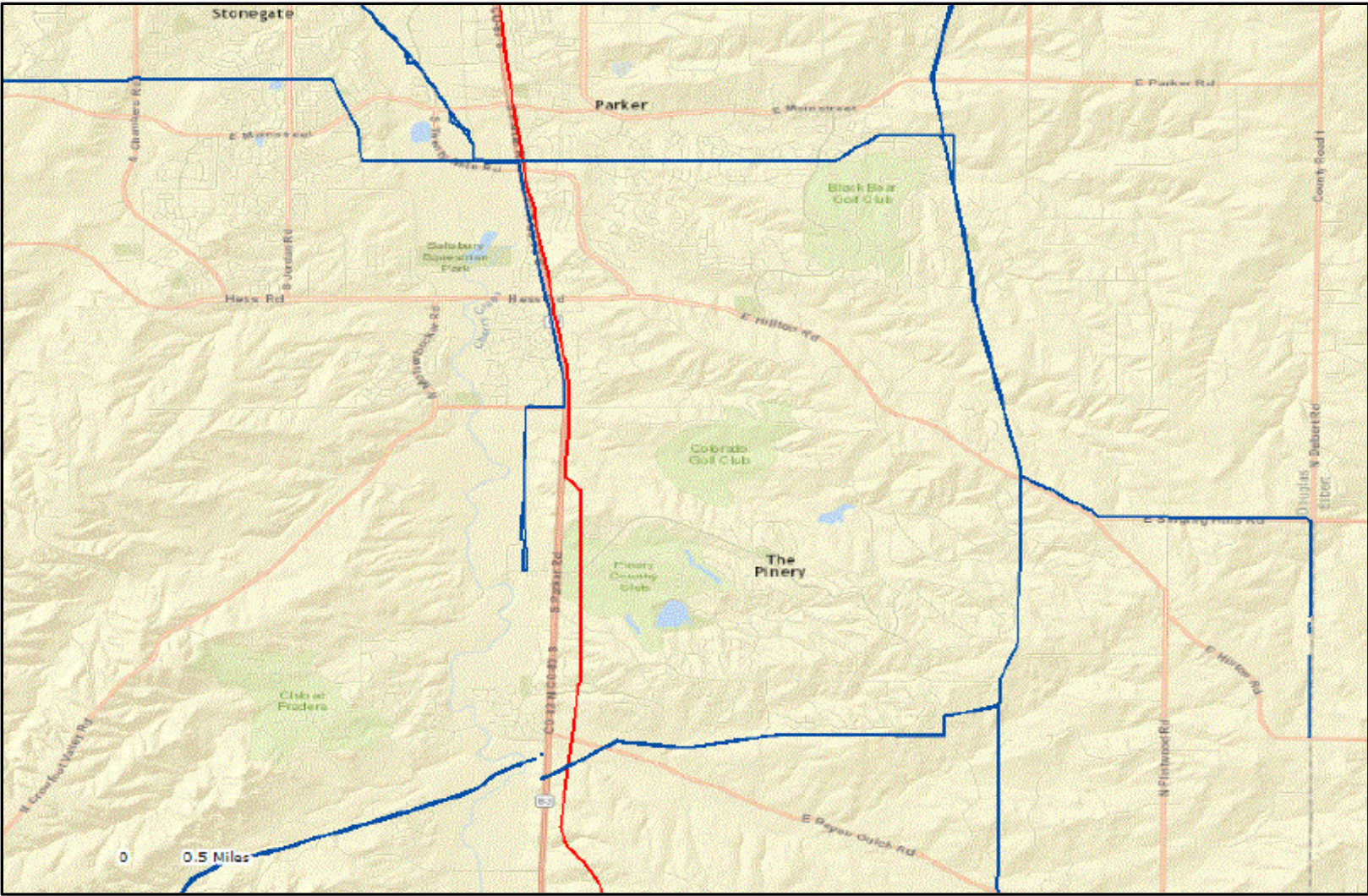


PHA Front Entry/Parks/Open Space/RV Lots

AREA 1	ACRES	AREA 2	ACRES	AREA 3	ACRES	AREA 4	ACRES	AREA 5	ACRES	RV LOT	ACRES
1	1.44	5	0.54	19	5.27	0		22	3.132	1	4.32
2	2.48	6	0.79	20	0.056			23	0.418	2	1.5
3 & 4	6.73	7	0.342	21	0.876			24	0.023		
10	3.69	8	0.555					25	0.023		
11	0.941	9	0.057								
12	13.159	13	3.837								
		14	3.589								
		15	4.133								
		16	2.028								
		17	0.35								
		18	2.443								
	28.44		18.664		6.202				3.596		5.82

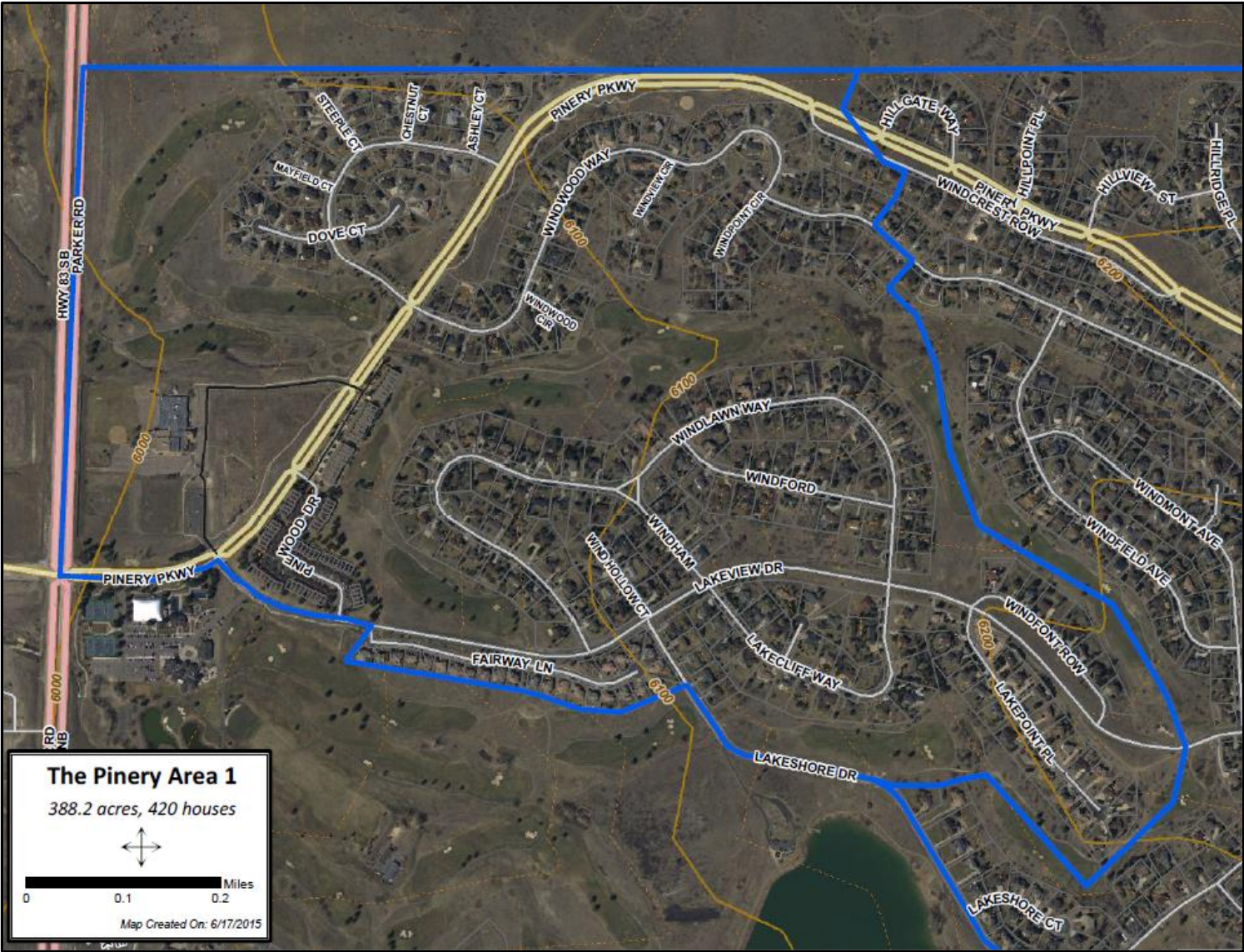
TOTAL 62.722

Map 3.0 Location of Hazardous Liquids Pipeline

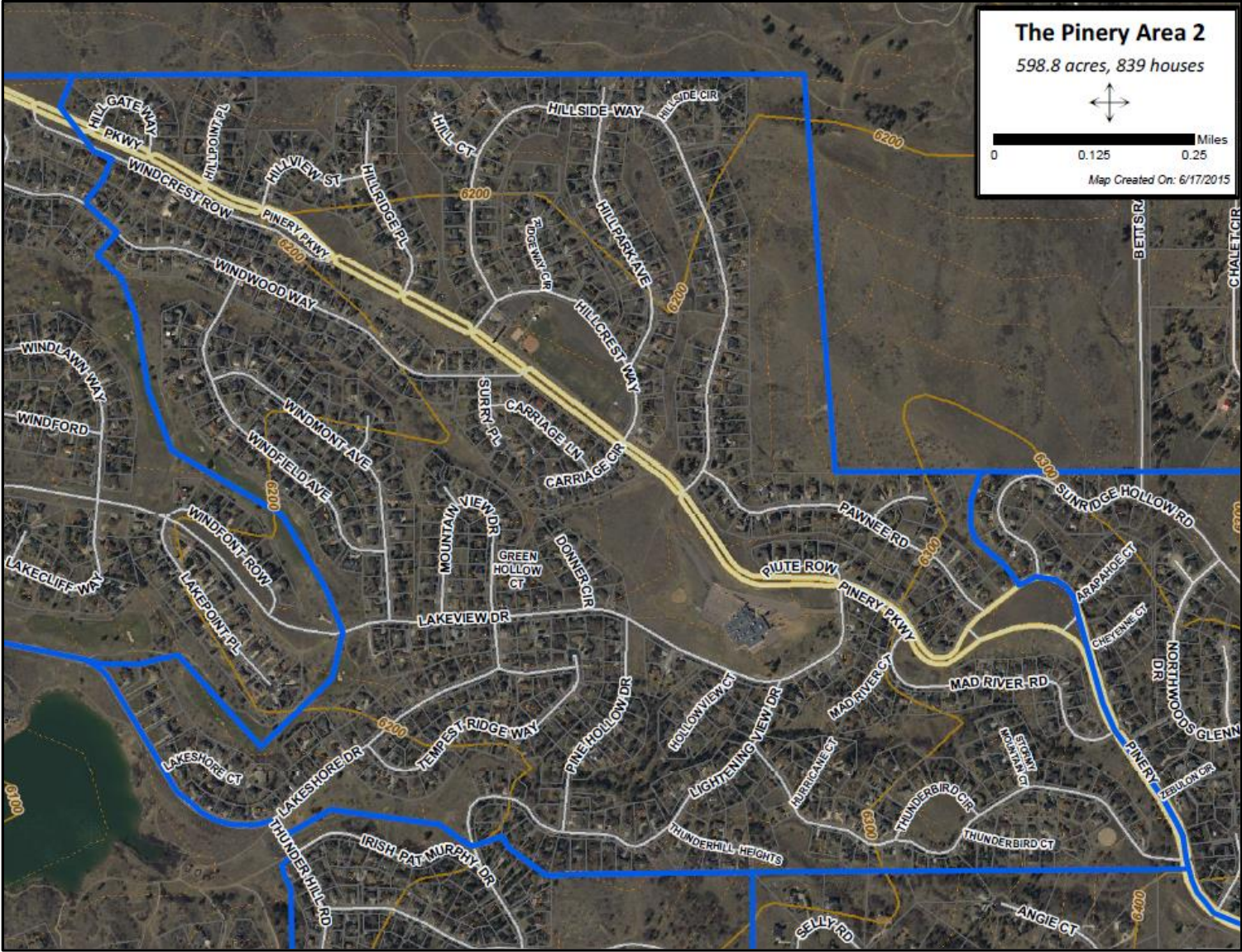


This map, which is from the National Pipeline Mapping System, shows the hazardous liquids pipeline that is in The Pinery. That pipeline is represented by a red line in the map.

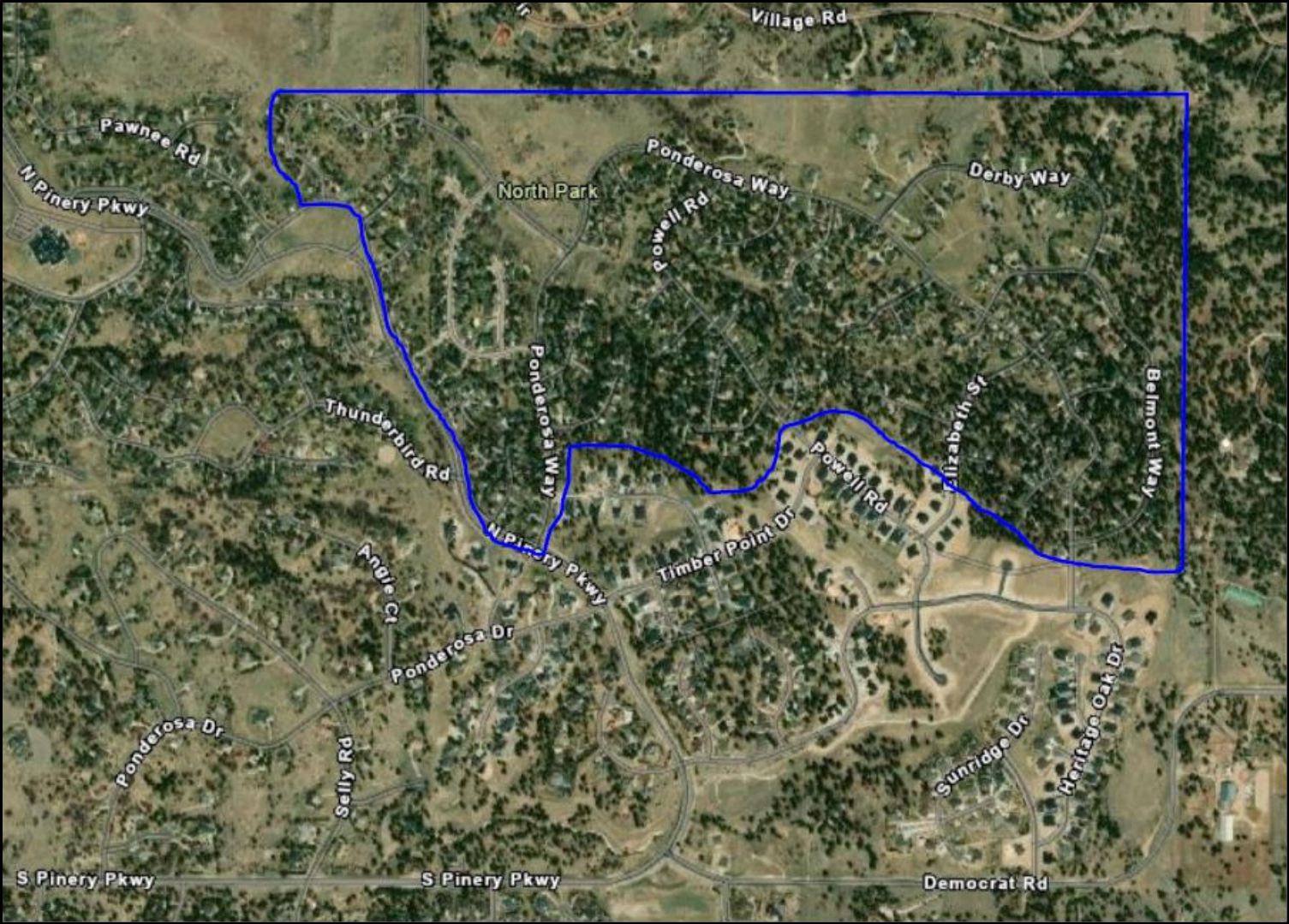
The Pinery Area 1



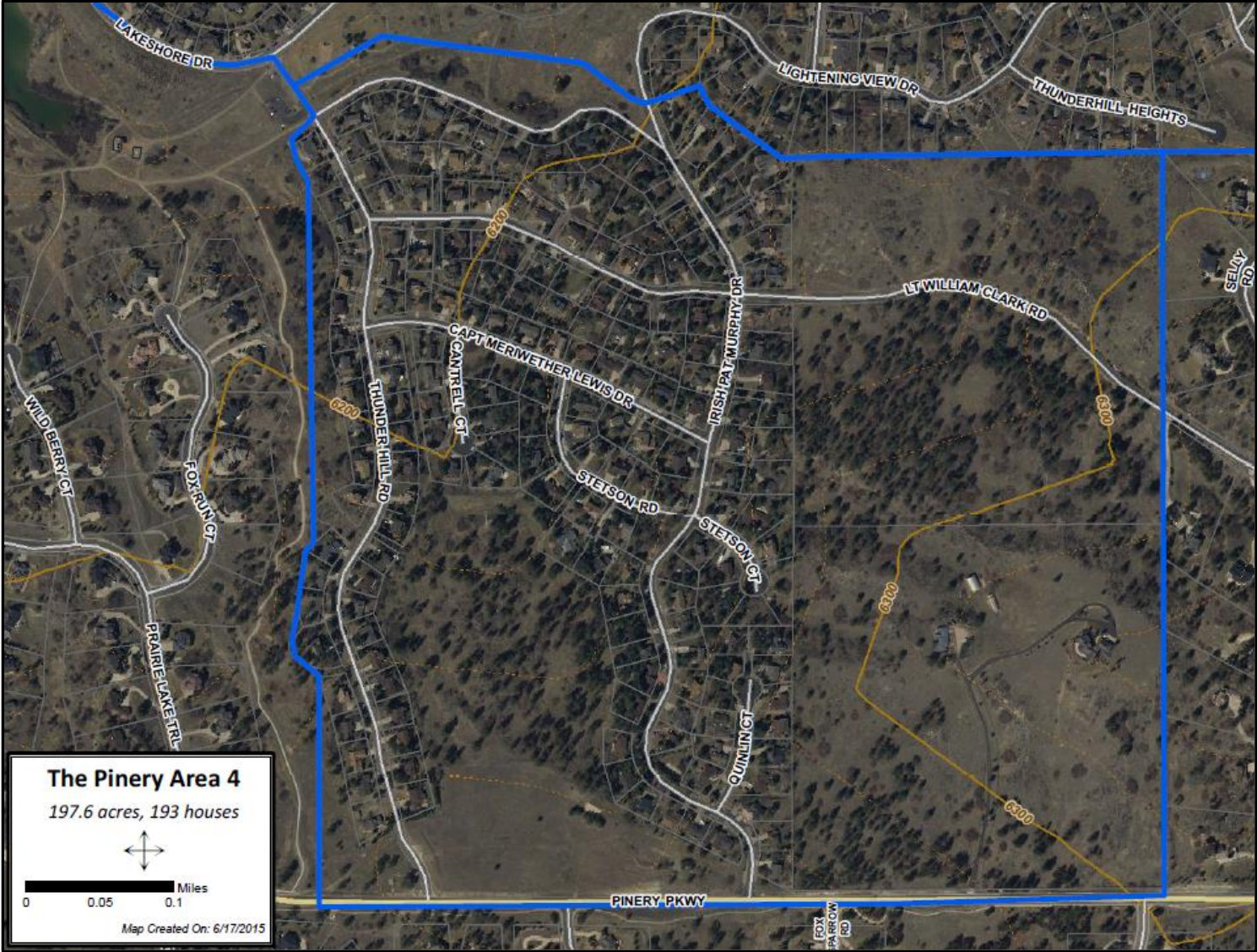
The Pinery Area 2



The Pinery Area 3



The Pinery Area 4



The Pinery Area 5 8-8a

