

# Griffith Park South Water Recycling Project (GPSWRP)

Construction Update  
November 9, 2016

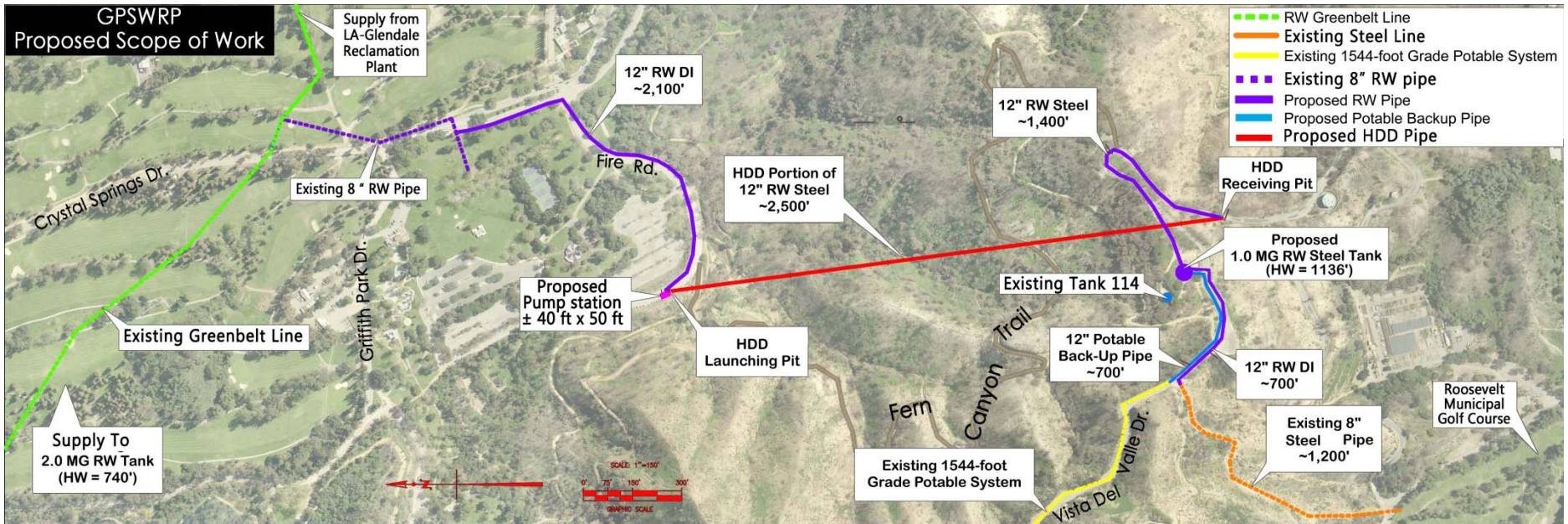
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Presented by:  
LADWP Project Management Office  
Johan Torroledo  
Fidencio Madero



# Purpose of Community Meeting

- Provide overall project description
- Provide a project update





# Meeting Agenda

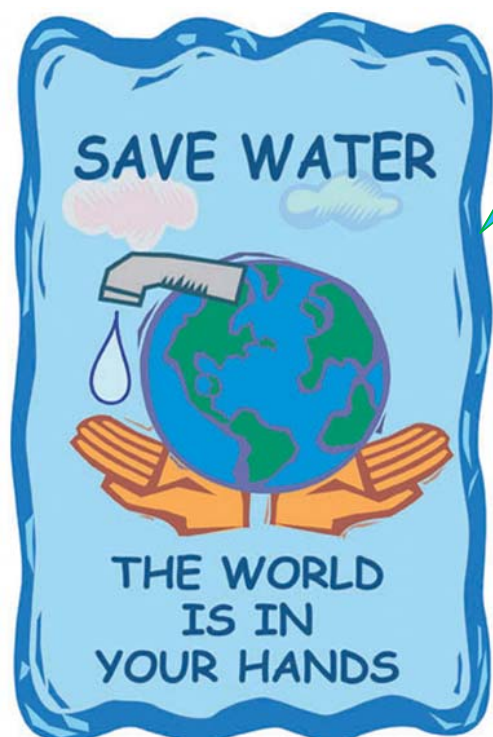
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1. Presentation
  - Project Team
  - Project Information
  - Construction Updates
  - Project & Work Area Schedule
  - Contact Information
2. Q & A
3. Open House: One-on-One with Project Team



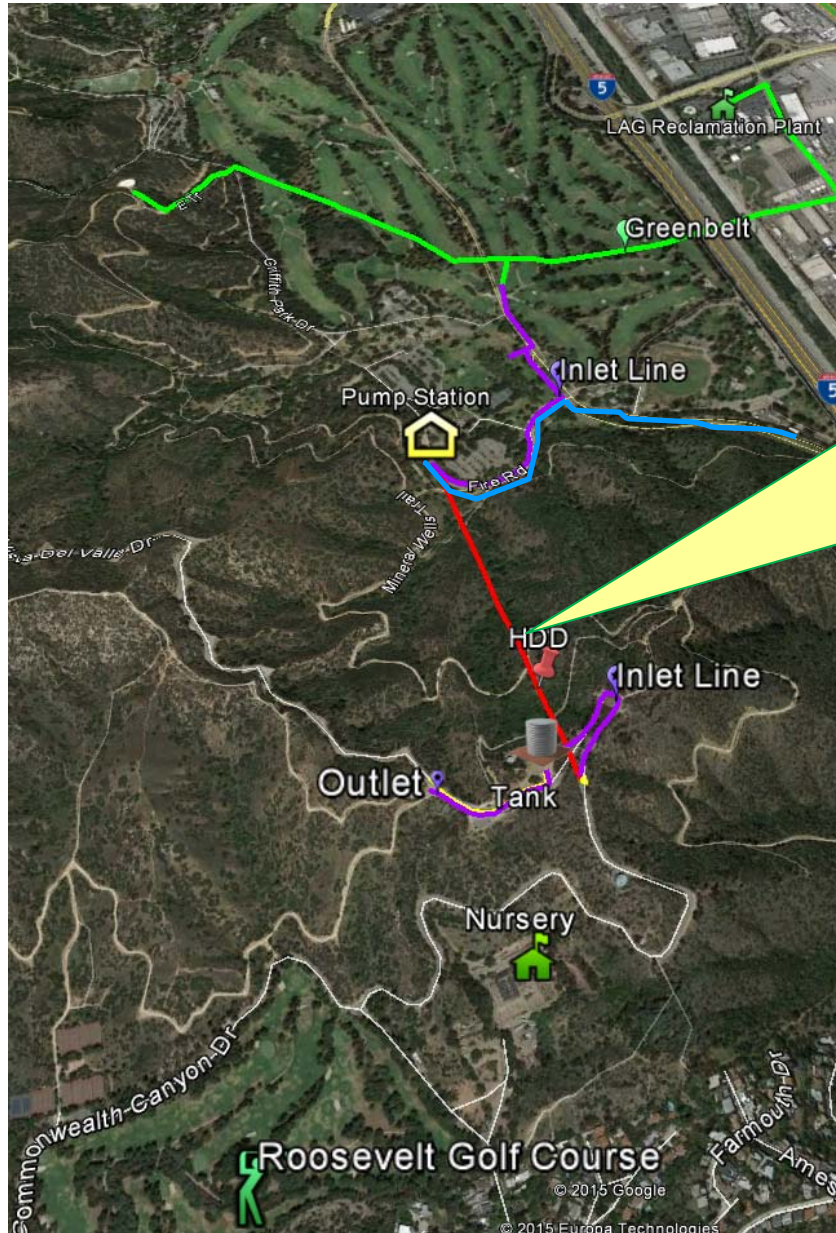
Construction Phase Team	
Construction Team:	LADWP Construction Forces
	Steve Bubalo Construction
LADWP Project Management Team:	1. Allison Linehan, Construction Manager (CM)
	2. Jason Lockwood, Resident Engineer (RE)
	5. Johan Torroledo, Project Manager (PM)
	6. Fidencio Madero, Assistant PM
LADWP Community Relations Team:	Jason Stinnett
Project Website	Project Team Contact Information Available at <ul style="list-style-type: none"><li><a href="http://www.ladwp.com/gpswrp">www.ladwp.com/gpswrp</a> sign up for updates</li></ul>

## Project Overview: Why is this project necessary?



- The GPSWRP will be **vital infrastructure** to reduce potable water supply by increasing the amount of recycled water used in Griffith Park.
- The GSPWRP will provide 370 acre-feet per year (AFY) of recycled water to areas of Griffith Park.
- Potable water savings:
  - Use of potable water per year of approximately 370 families [Domestic use for family of 5 people is estimated at  $\pm 1$ AFY]
- Completion of GPSWRP will
  - Improve city-wide water conservation and recycling efforts
  - Provide capacity and storage to expand recycled water service to Roosevelt Golf Course and other areas of Griffith Park.

GPSWRP involves the construction of the following:

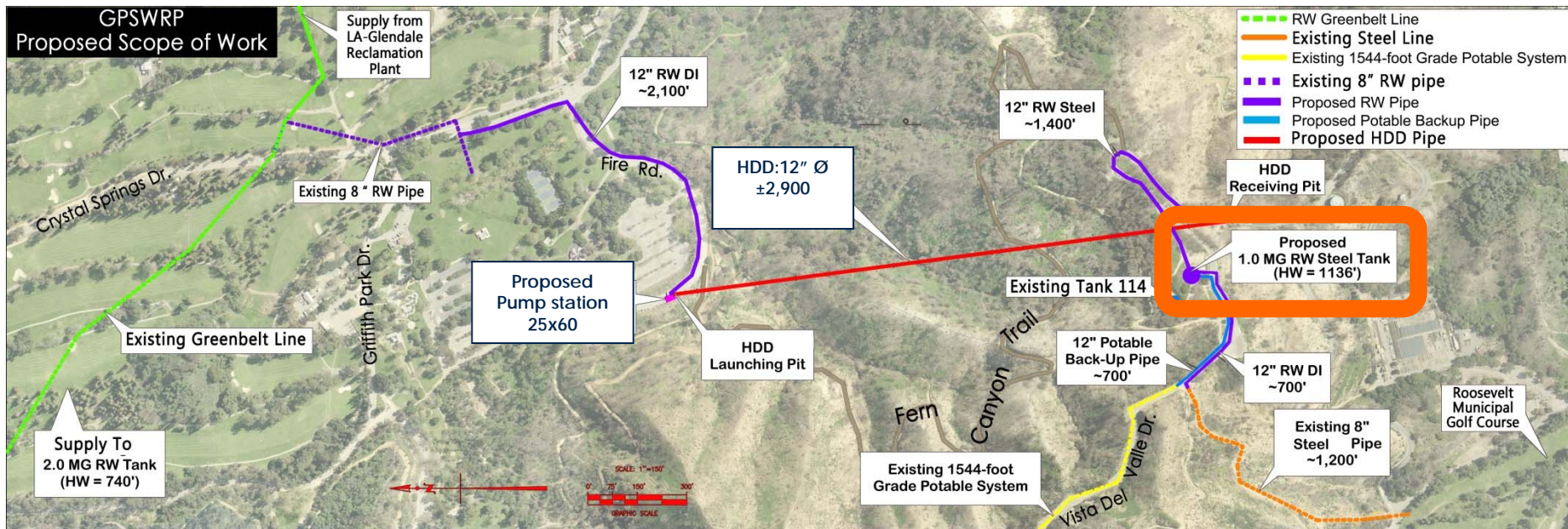


## GPSWRP Details

1. Location: Griffith Park
2. Components:
  - I. 12" diameter Pipeline: 7,800 feet, or approximately 1.5 miles, of new distribution line
  - II. Tank 114 demolition
  - III. Construction of a pump station: 1,400 gpm flow rate
  - IV. Construction of a new tank: 1 million gallons
  - V. Power Supply:                      Installation of 34.5kV
3. Estimated Overall Duration: 2.5 Years
  - I. Divided into phases

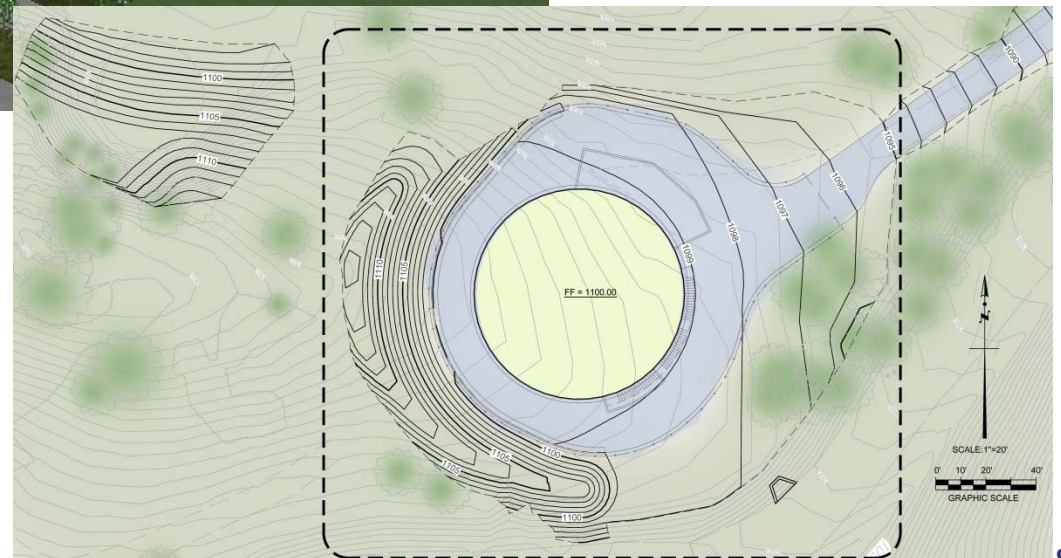


# Scope of Work: Tank





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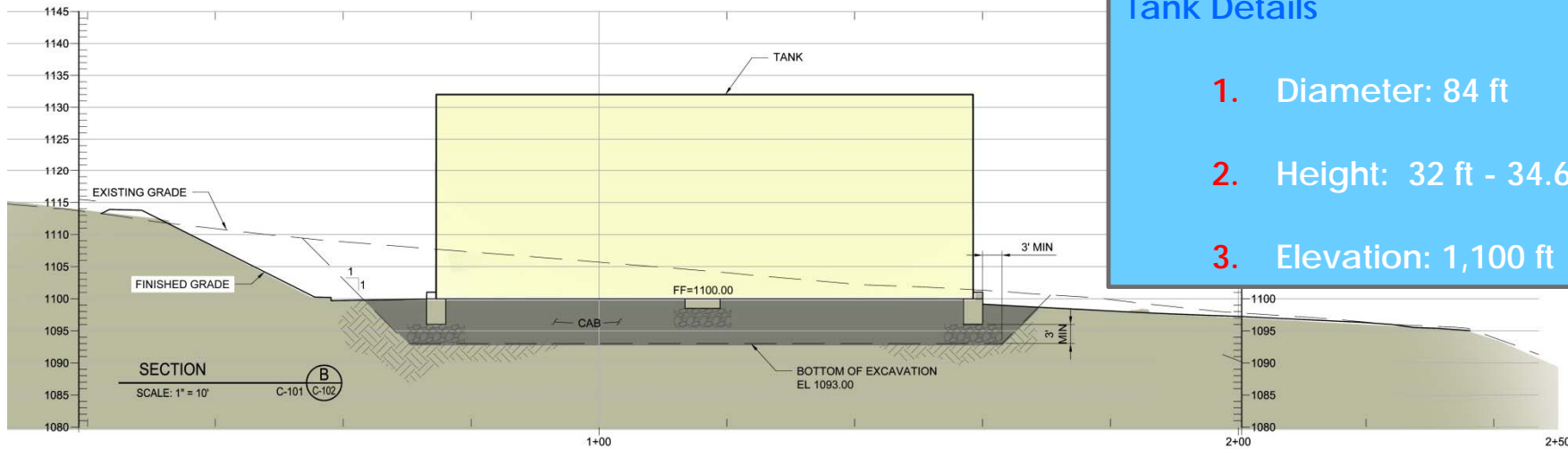
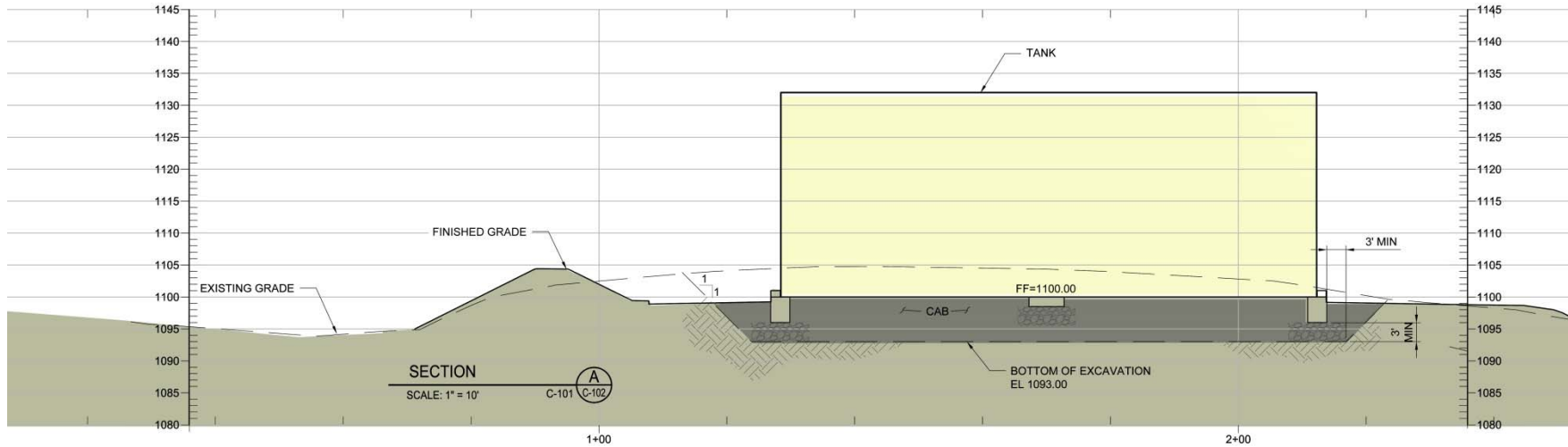
## Tank Details

1. Diameter: 84 ft
2. Height: 32 ft - 34.6 ft
3. Elevation: 1,100 ft





# Scope of Work: Tank

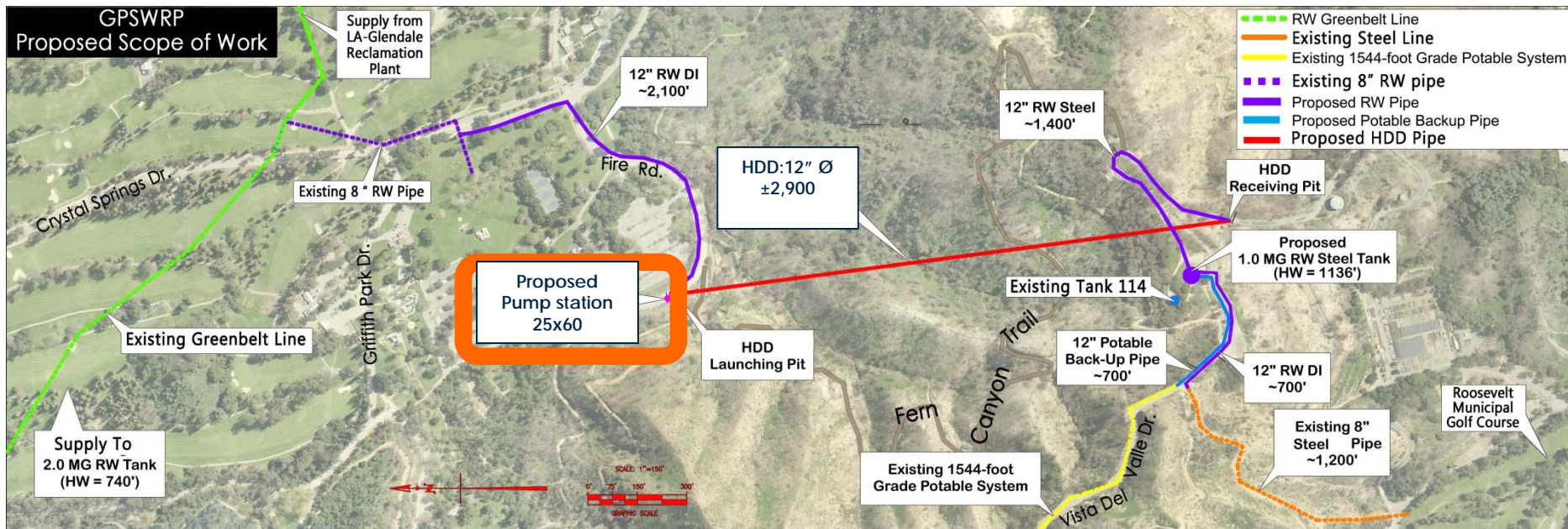


**Tank Details**

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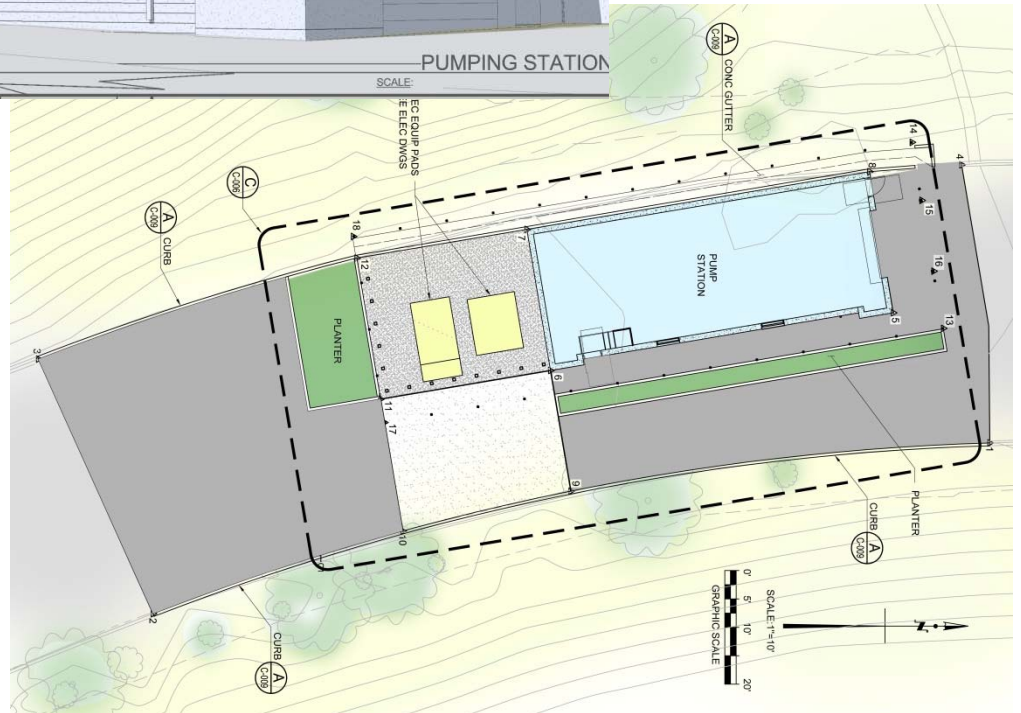


# Scope of Work: Pump Station





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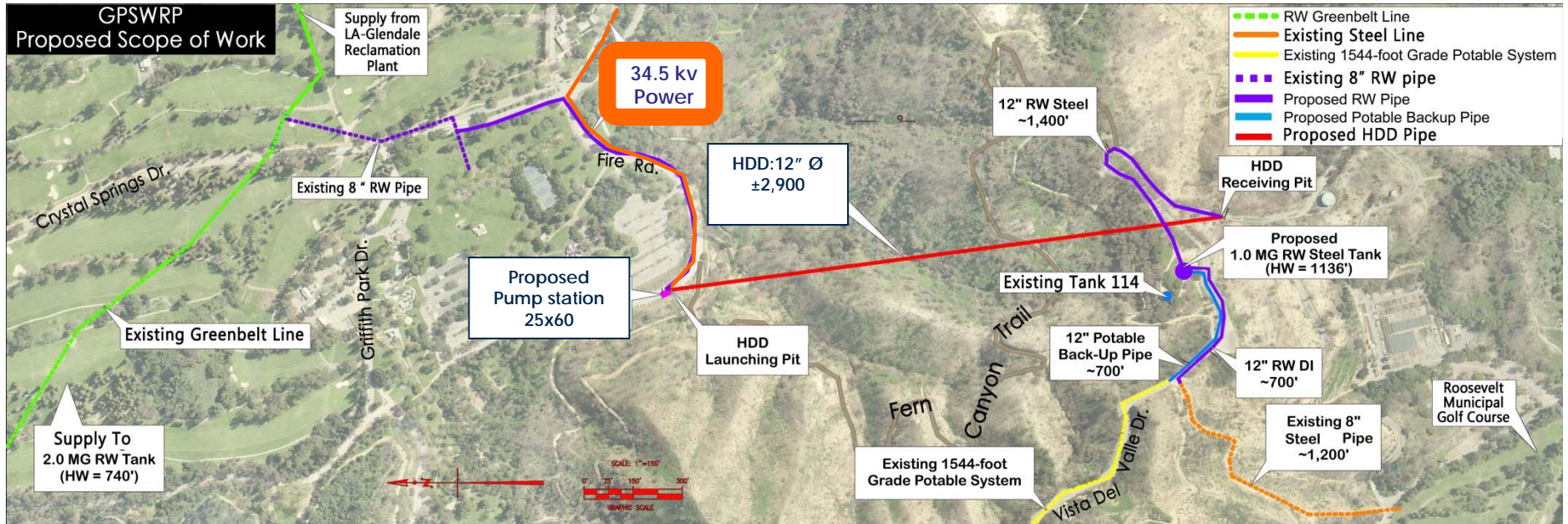


## Pump Station Details

- 1. Size: 25 ft x 60 ft
- 2. Area: 1,500 square feet
- 3. Elevation: 512.50 ft



# Scope of Work: Power Lines

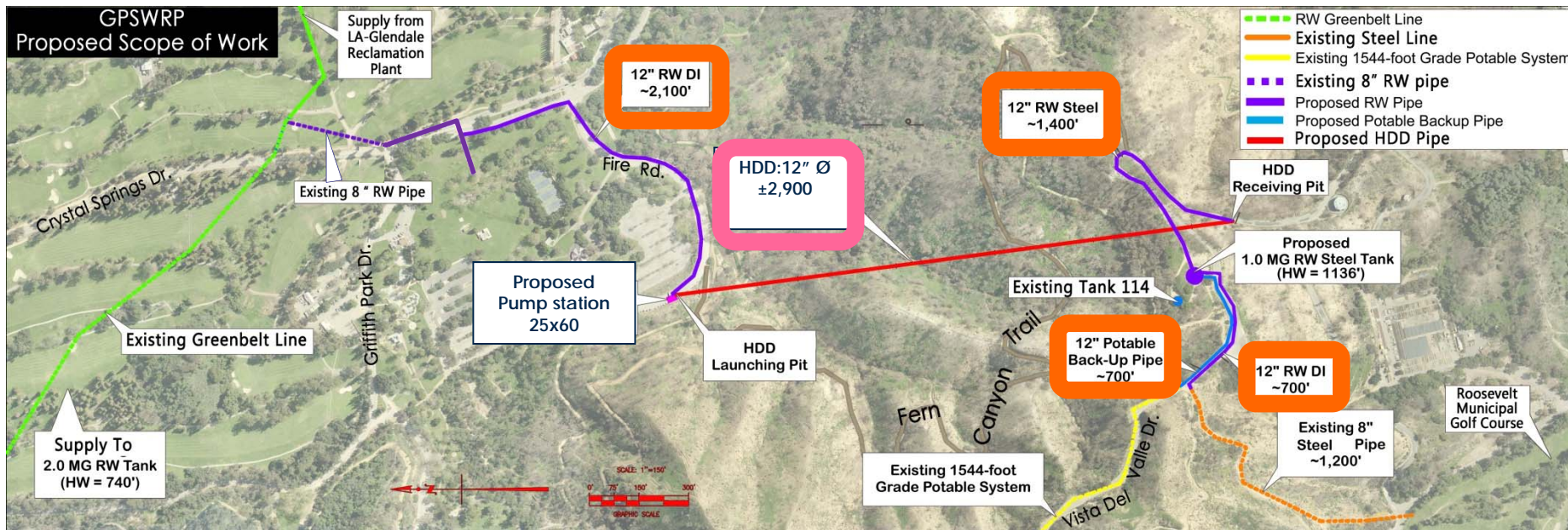


## Power Supply Details

1. Overhead: 1,970 ft
2. Underground: 1,900 ft



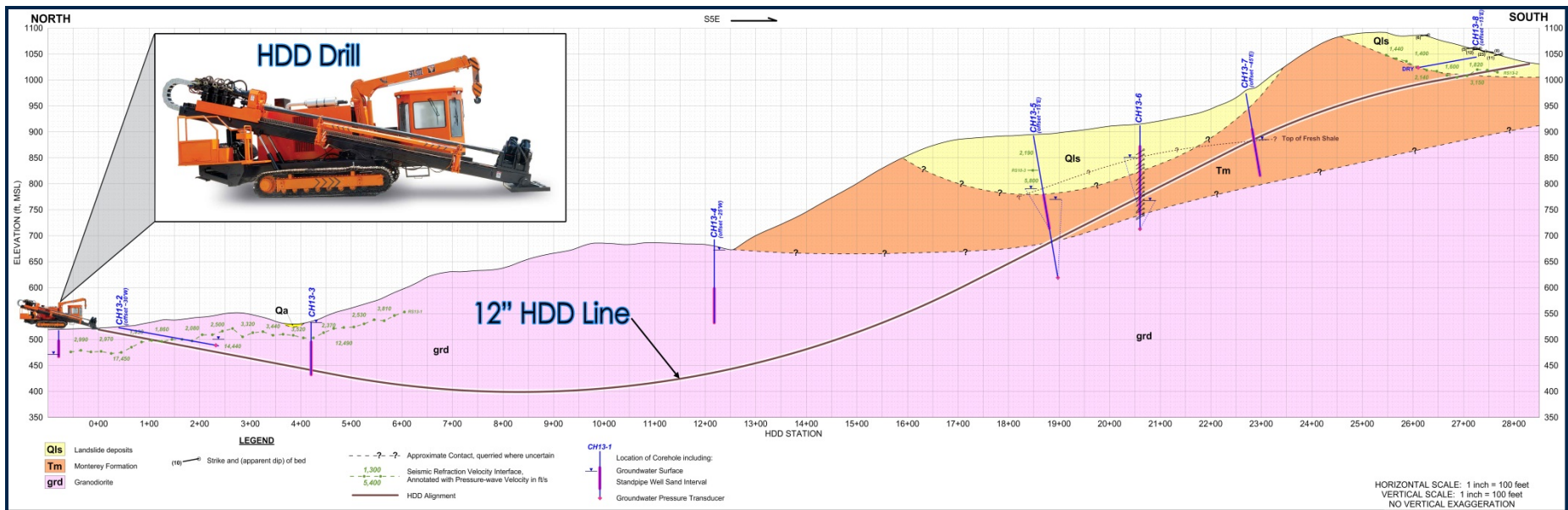
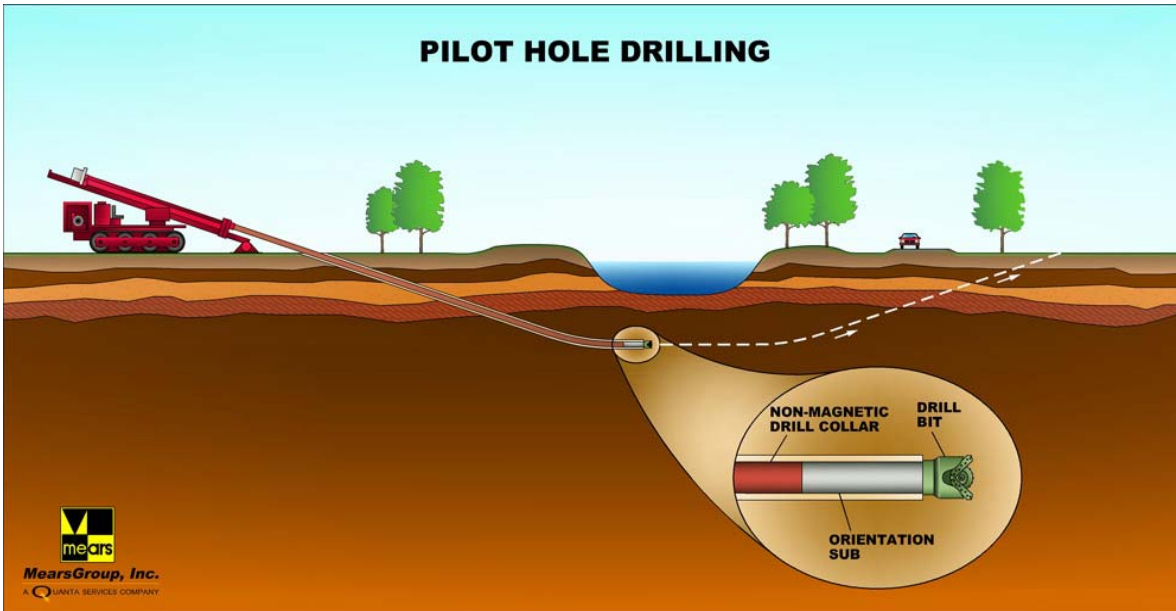
# Scope of Work: Open Trench and HDD Pipe

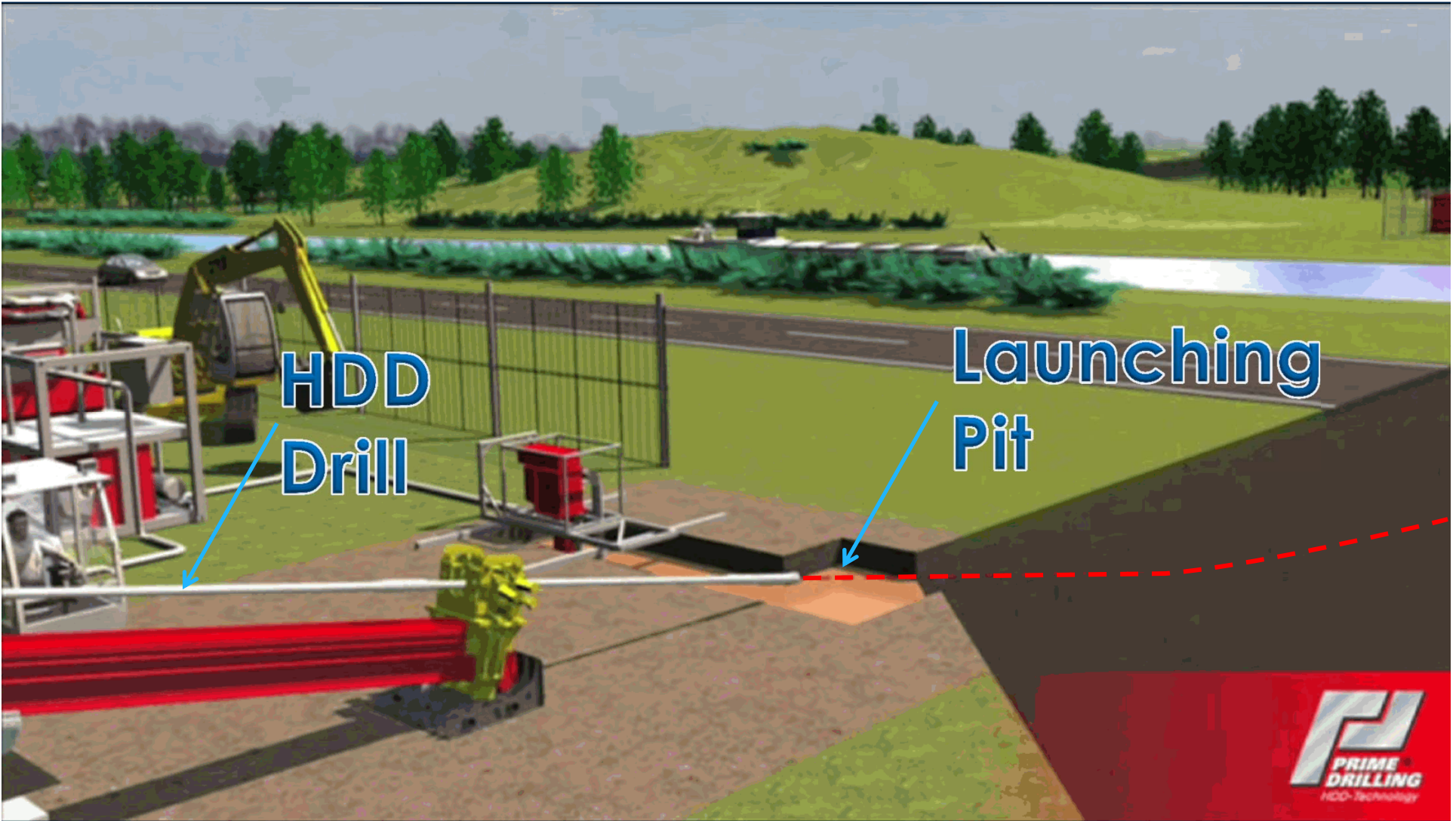


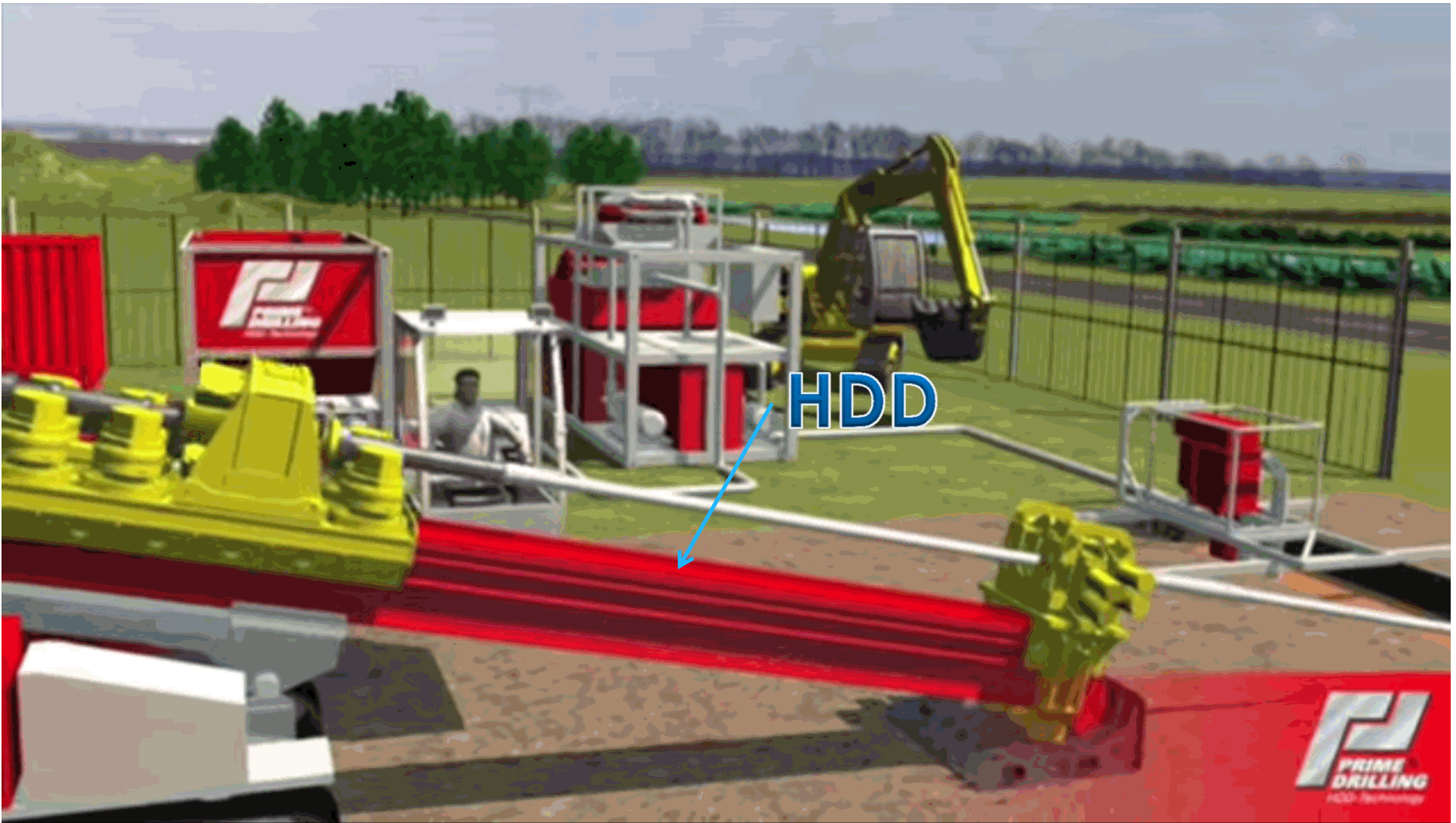
## Pipe Details

1. Diameter: 12 in
2. HDD: 2,900 ft
3. Open Trench: 4,900 ft

# Scope of Work: HDD

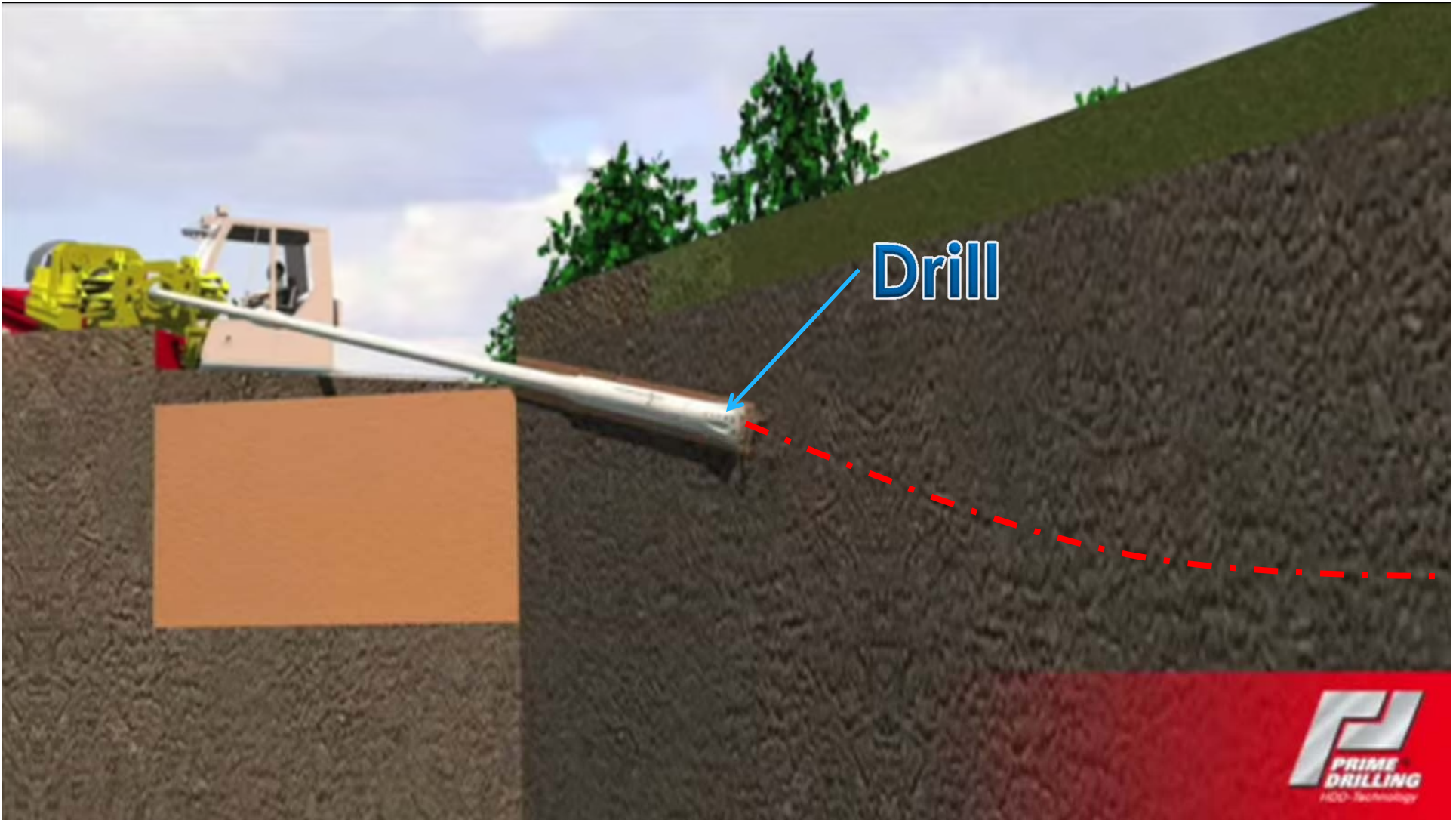


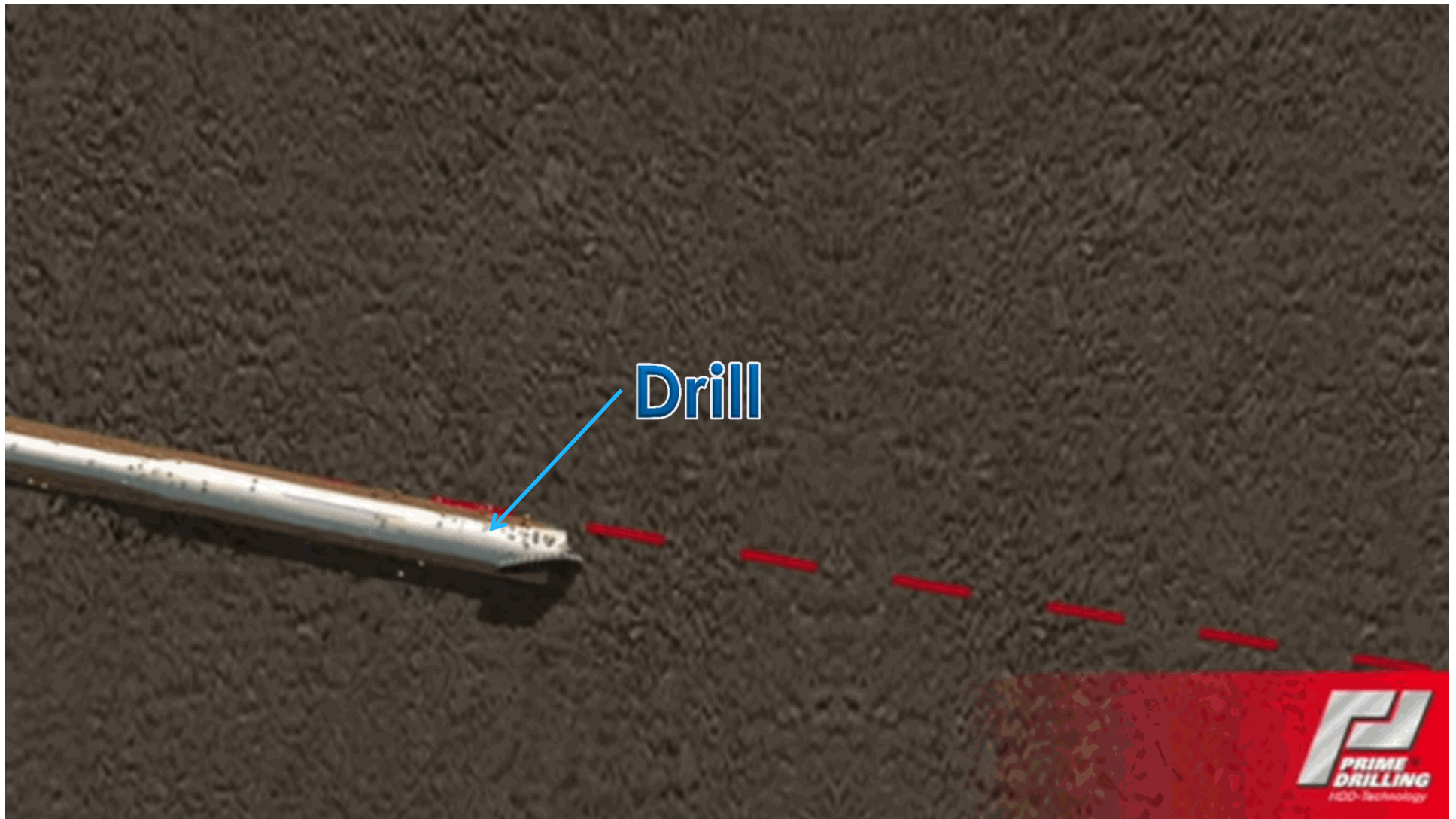


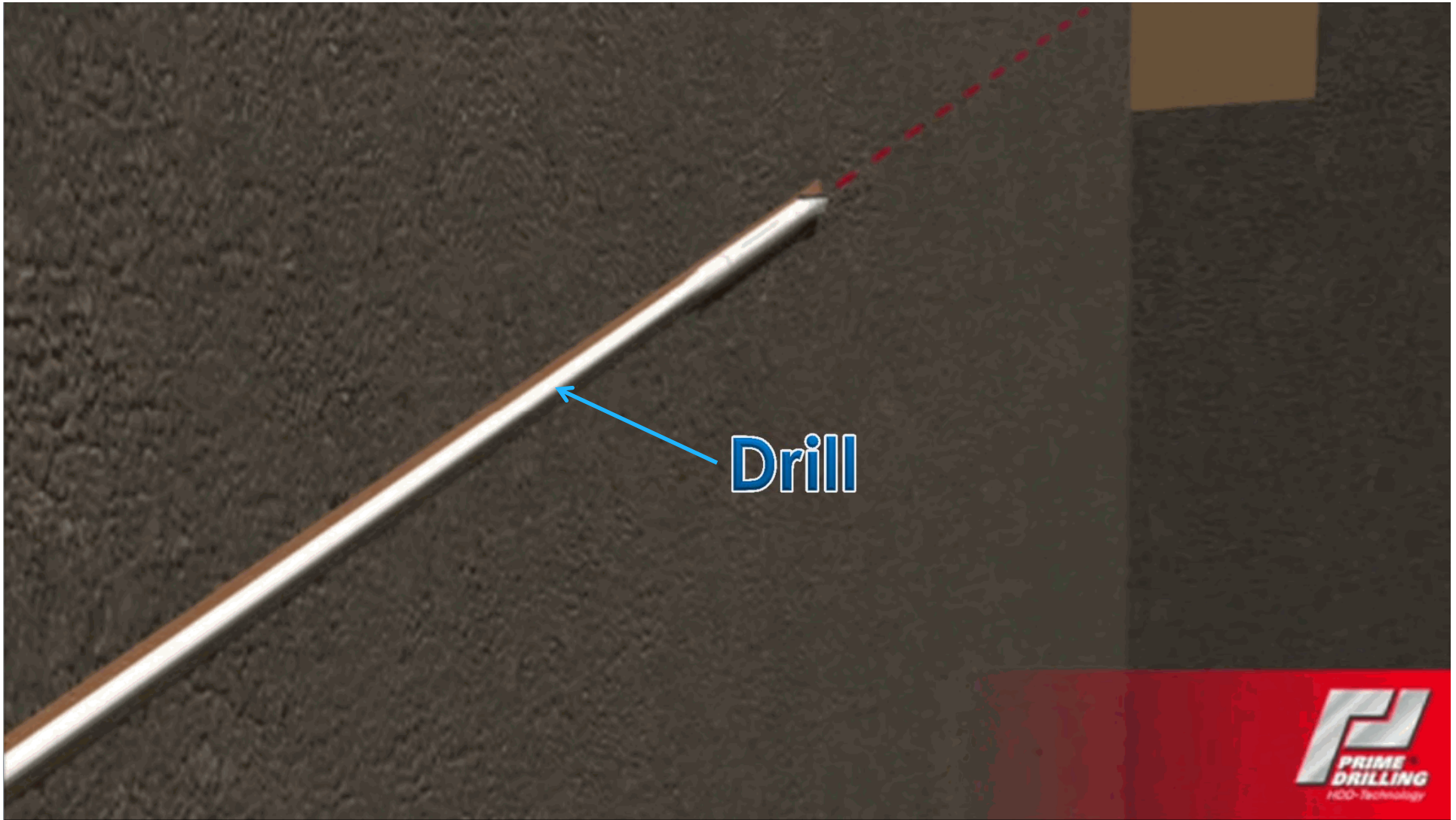


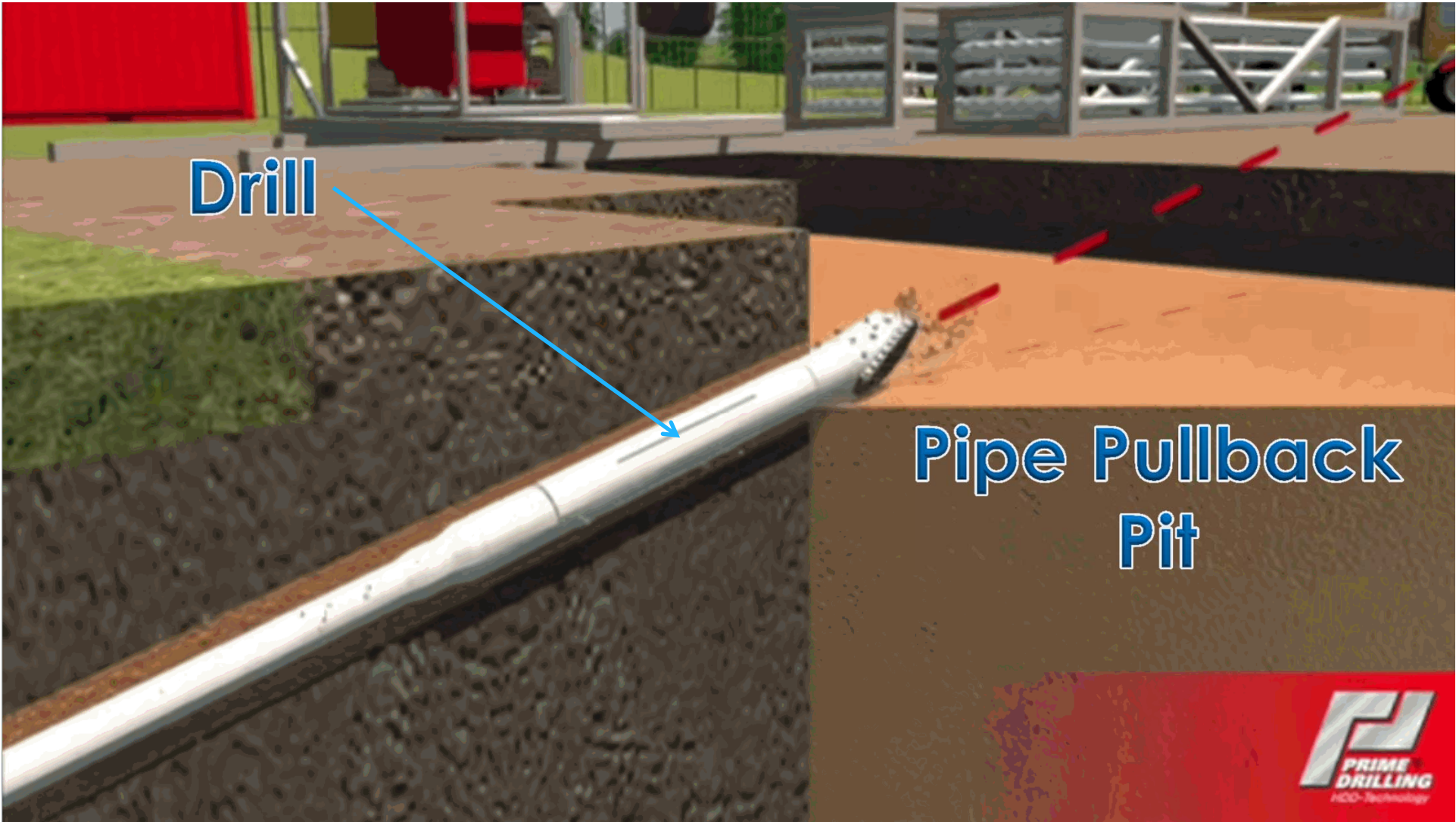


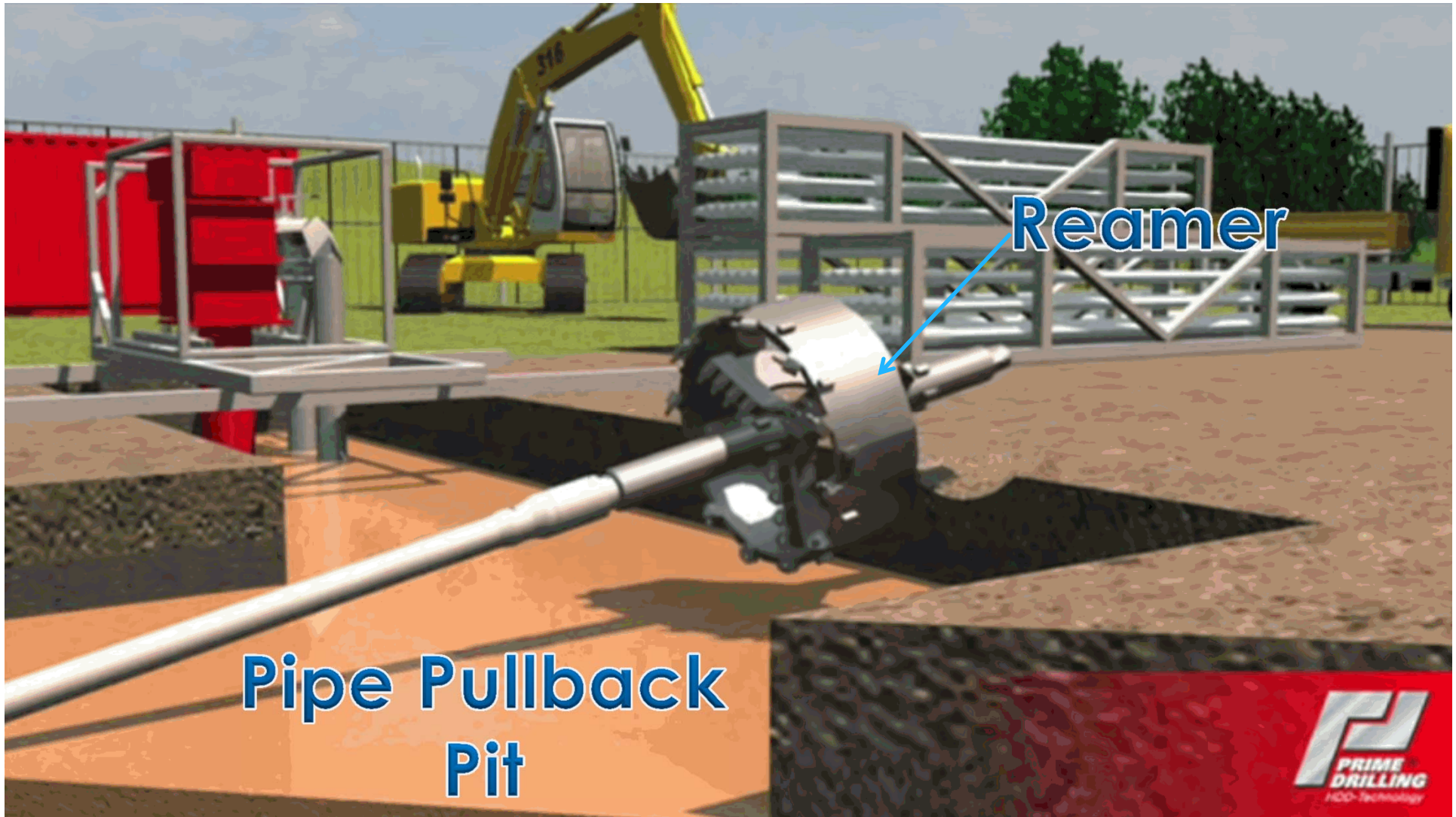








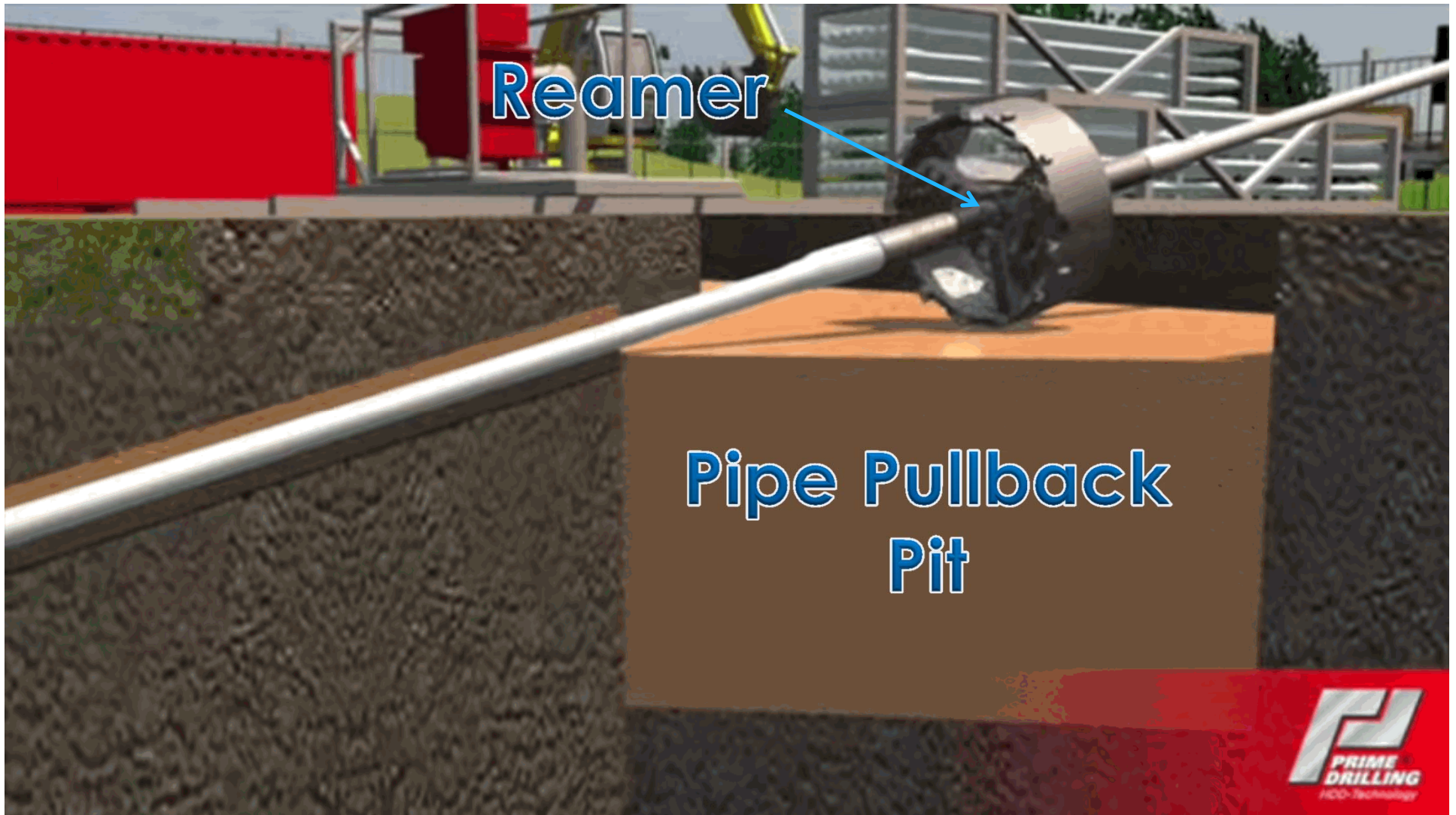


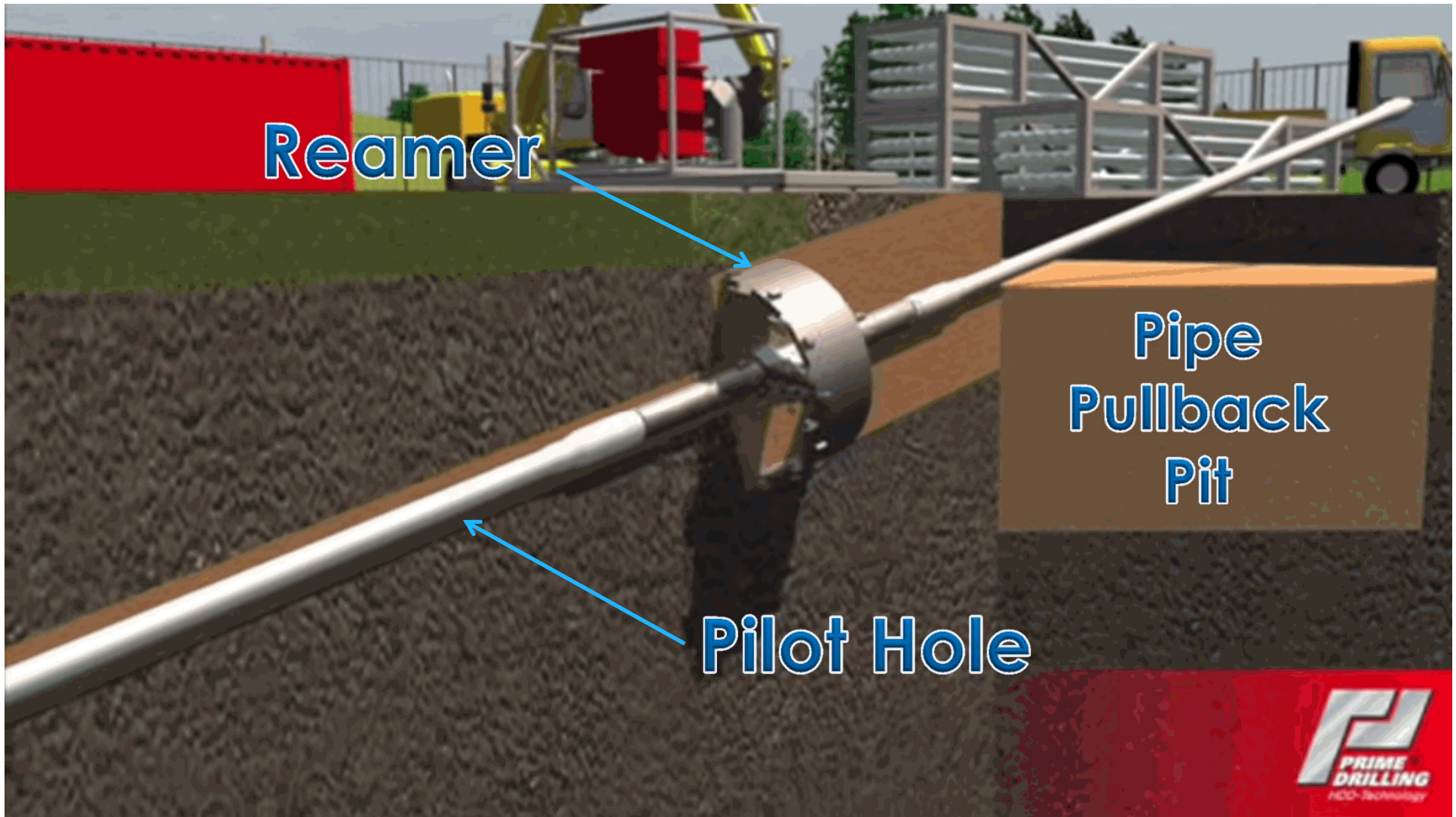


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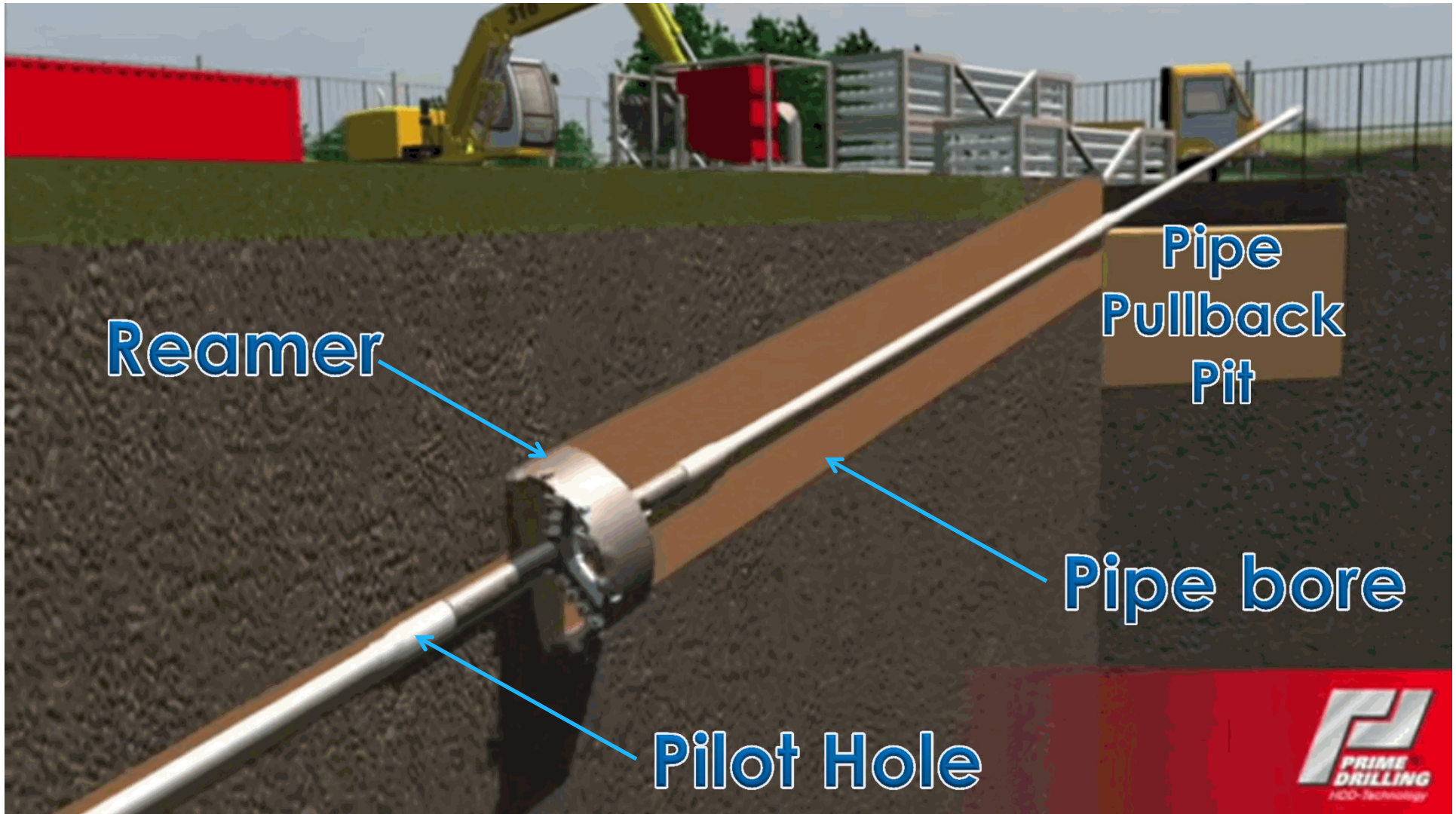
Pipe Pullback  
Pit

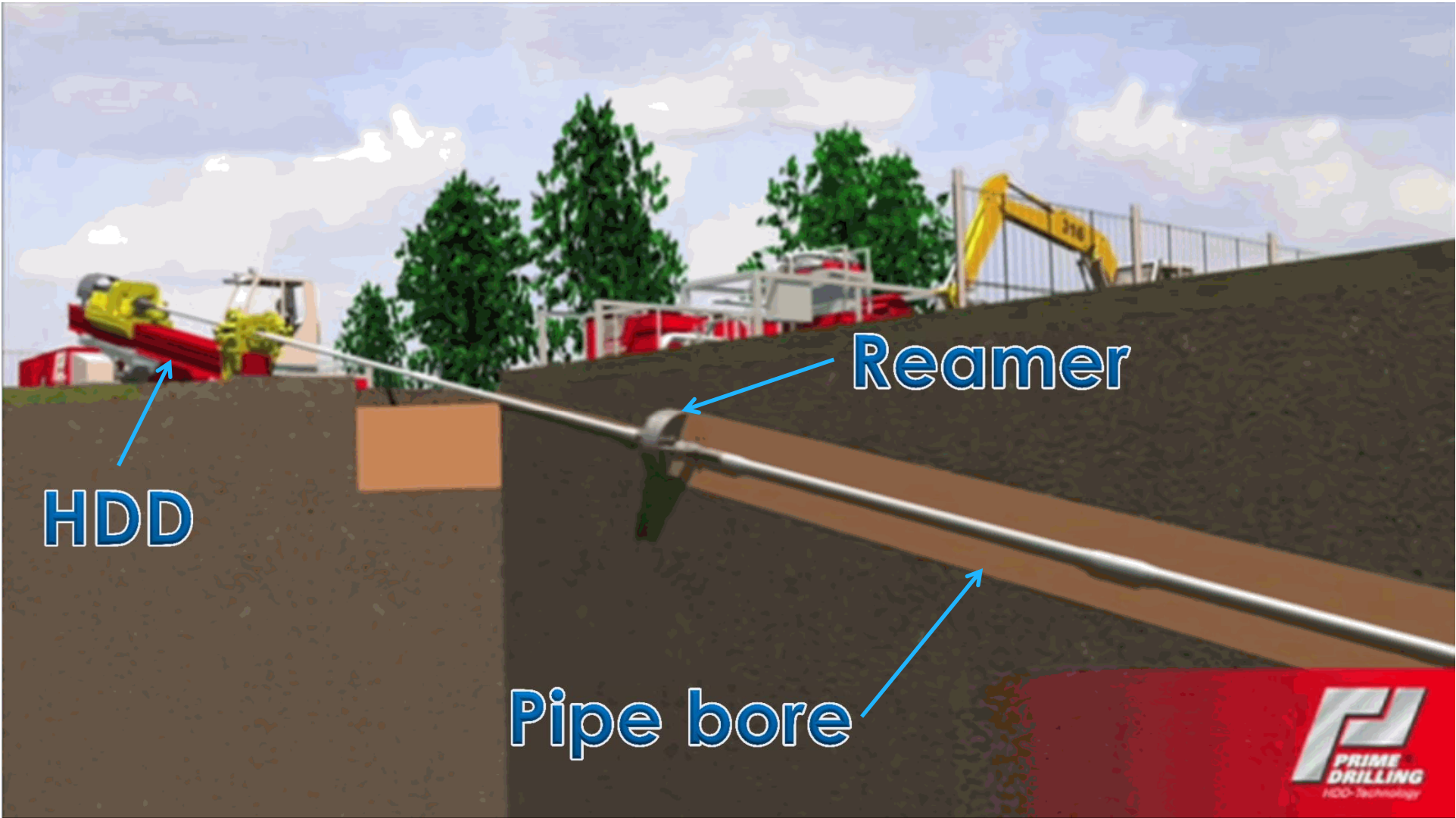


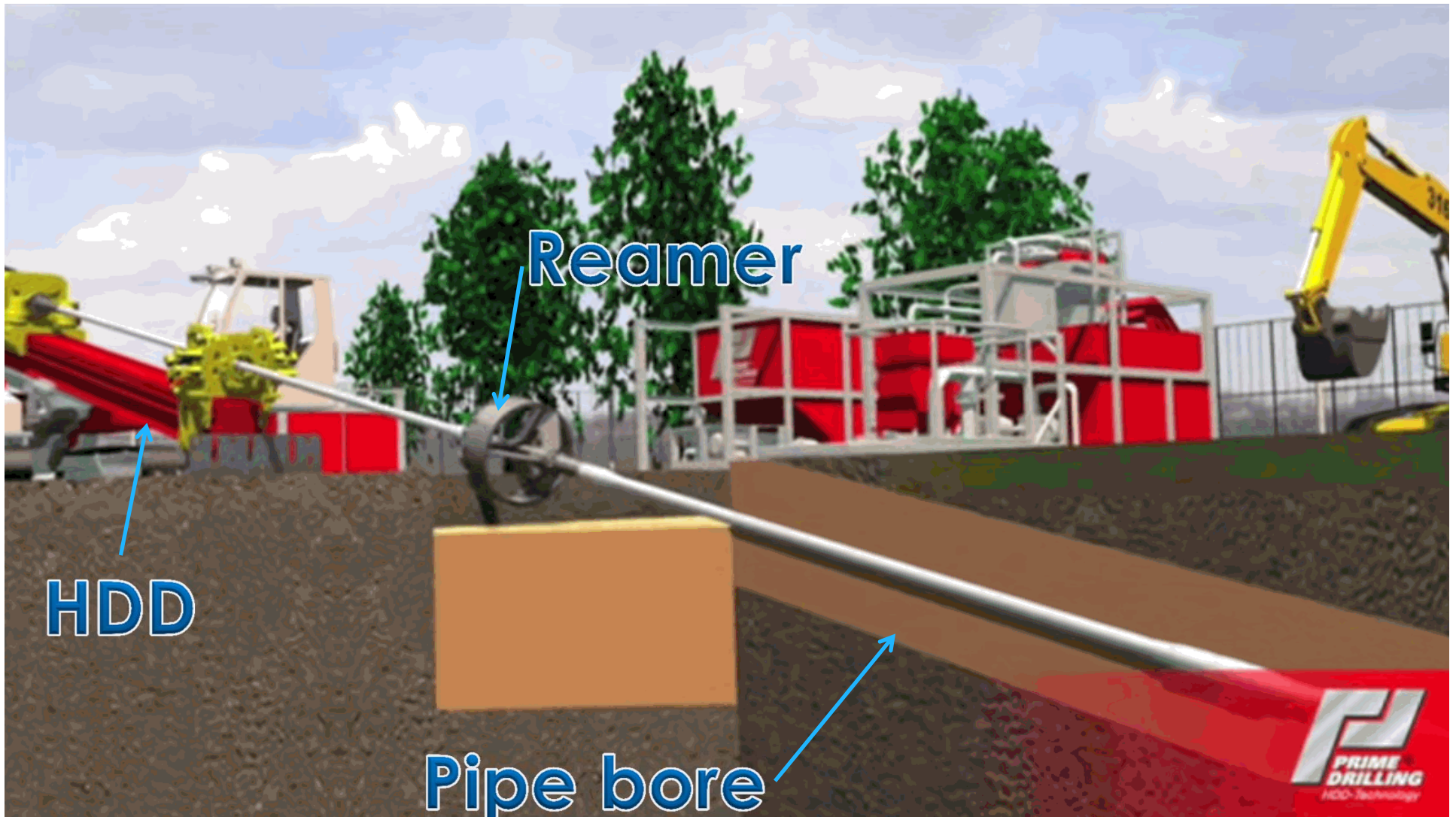


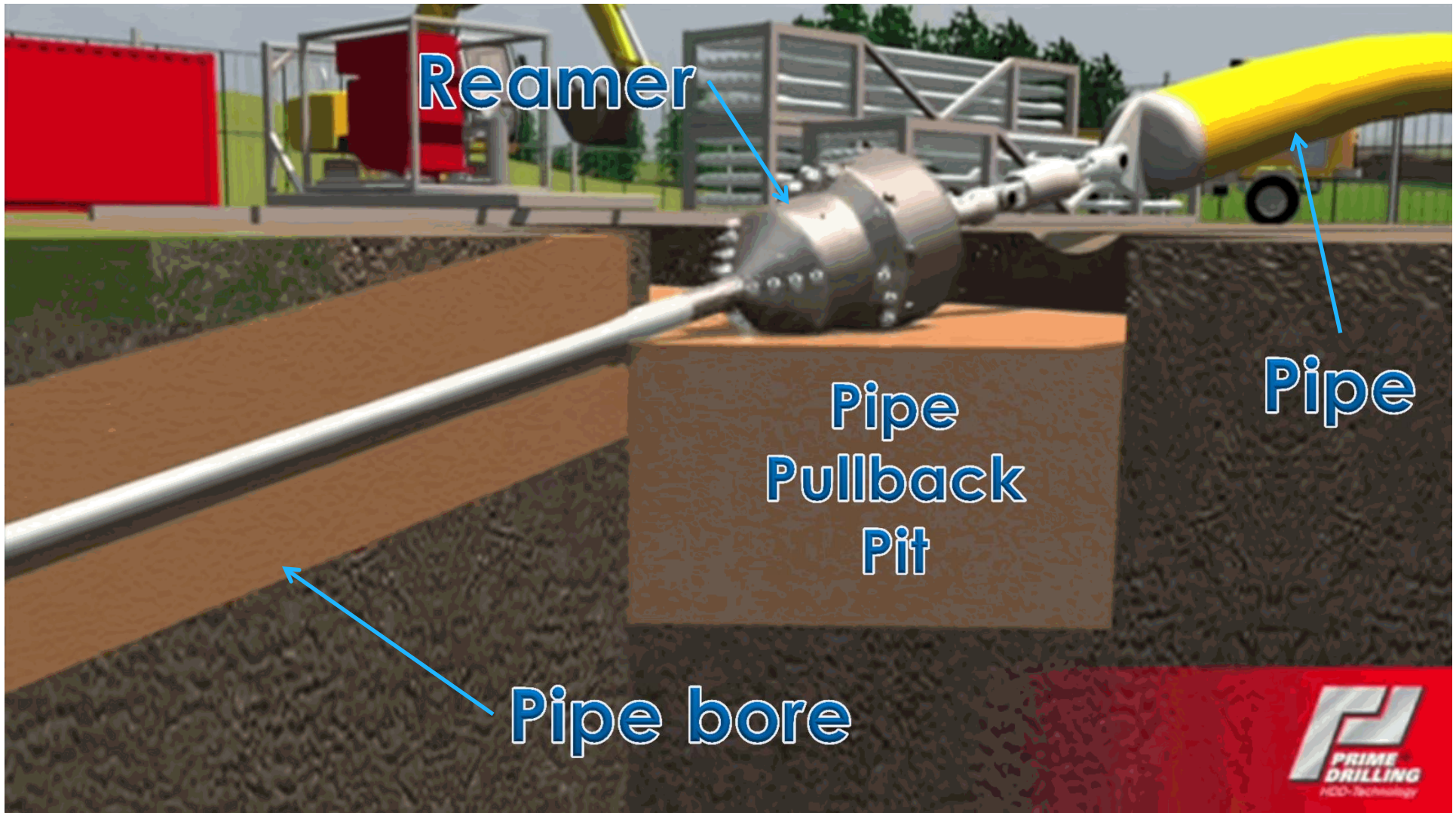






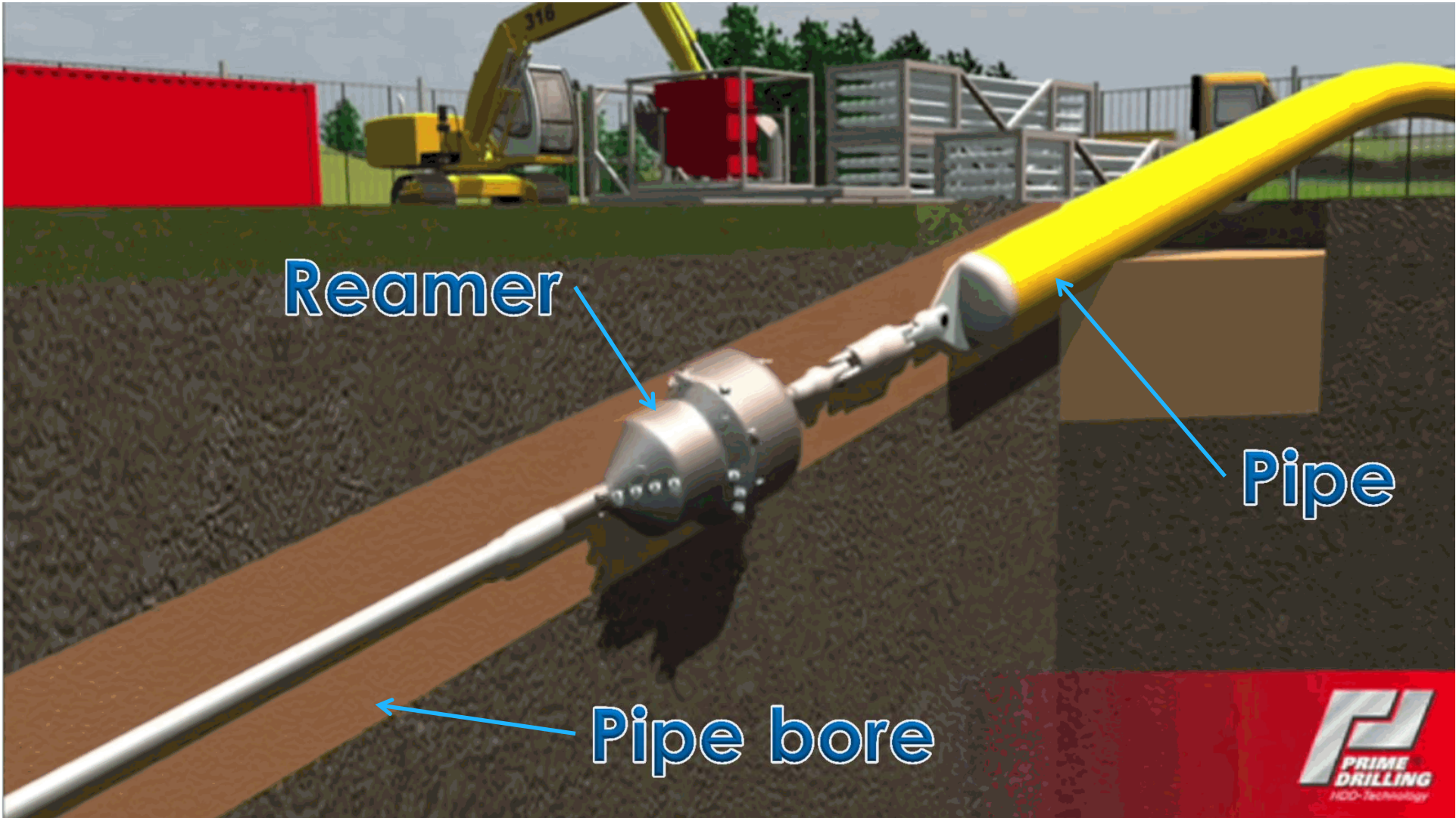






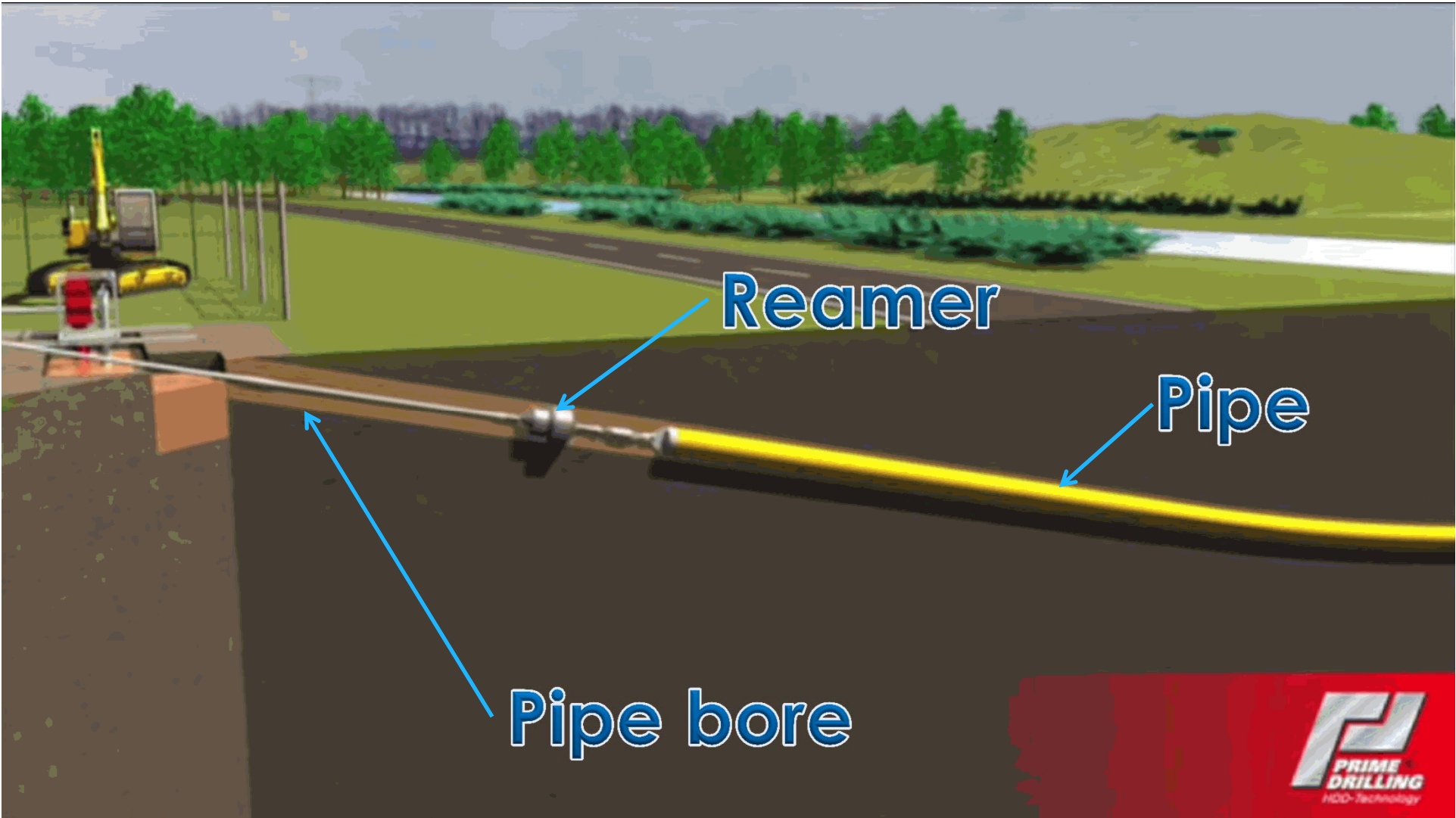


# HDD: Pipeline Pullback



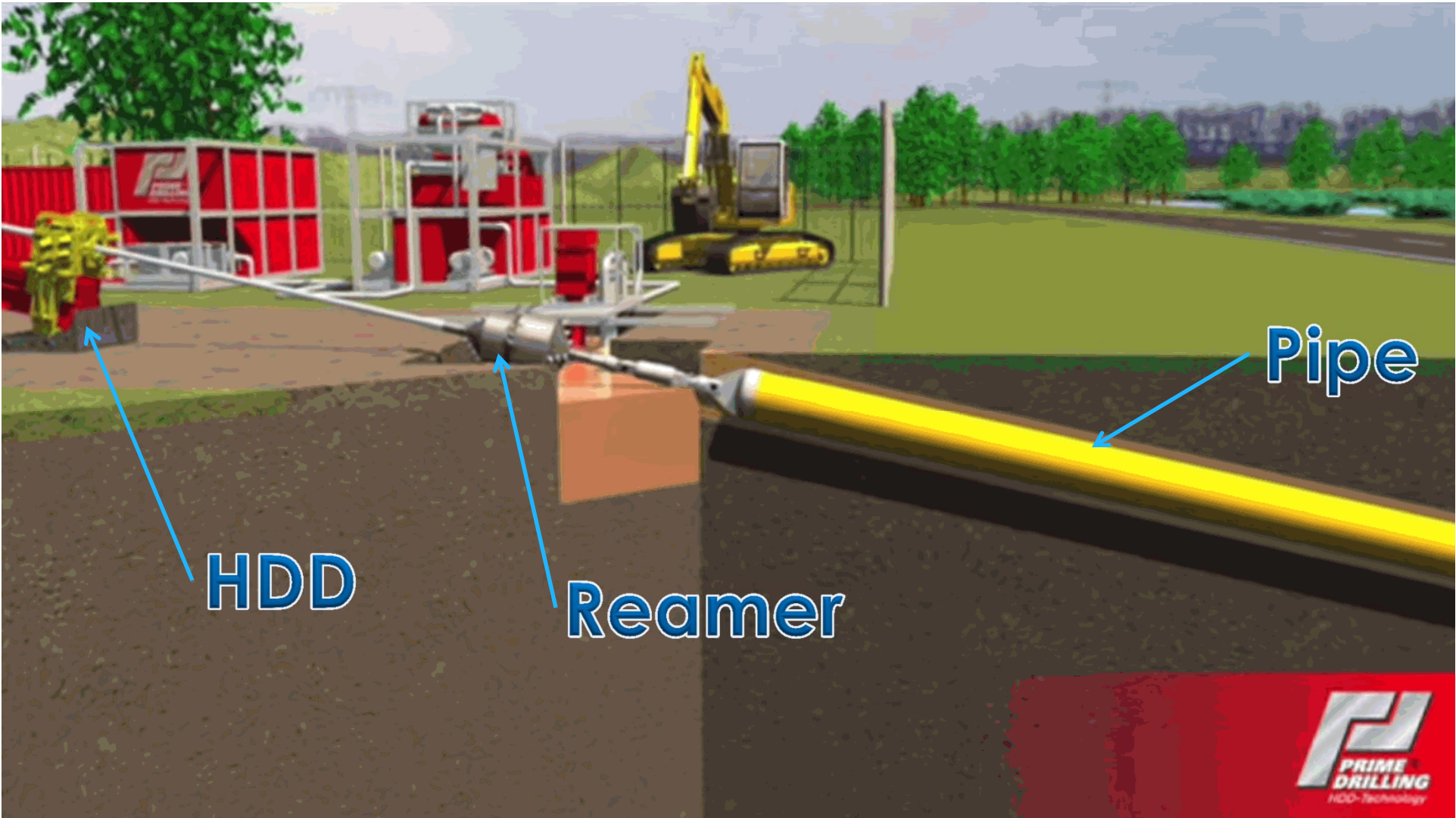


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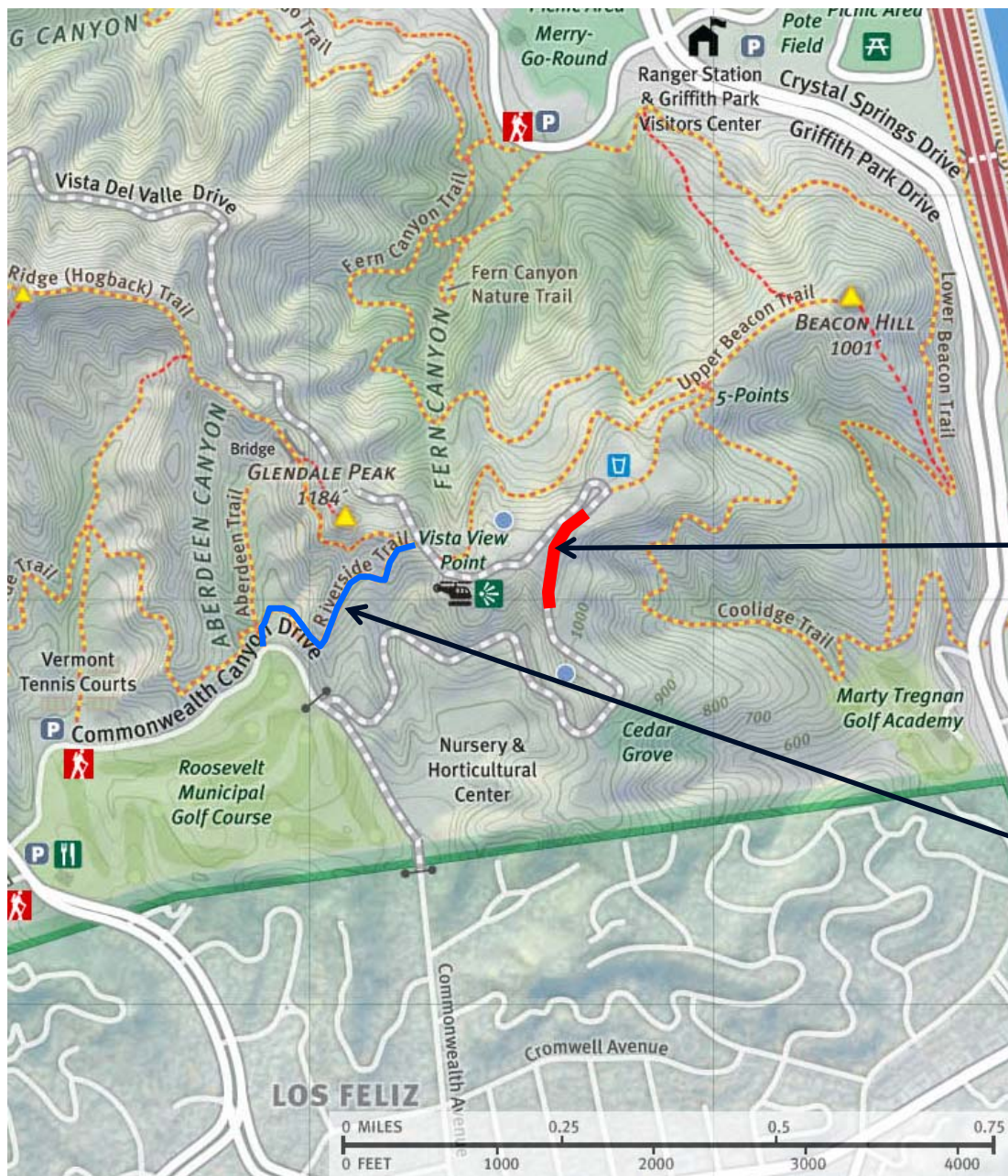




# HDD: Pipeline Pullback



# Road Closure Location & Alternate Trail

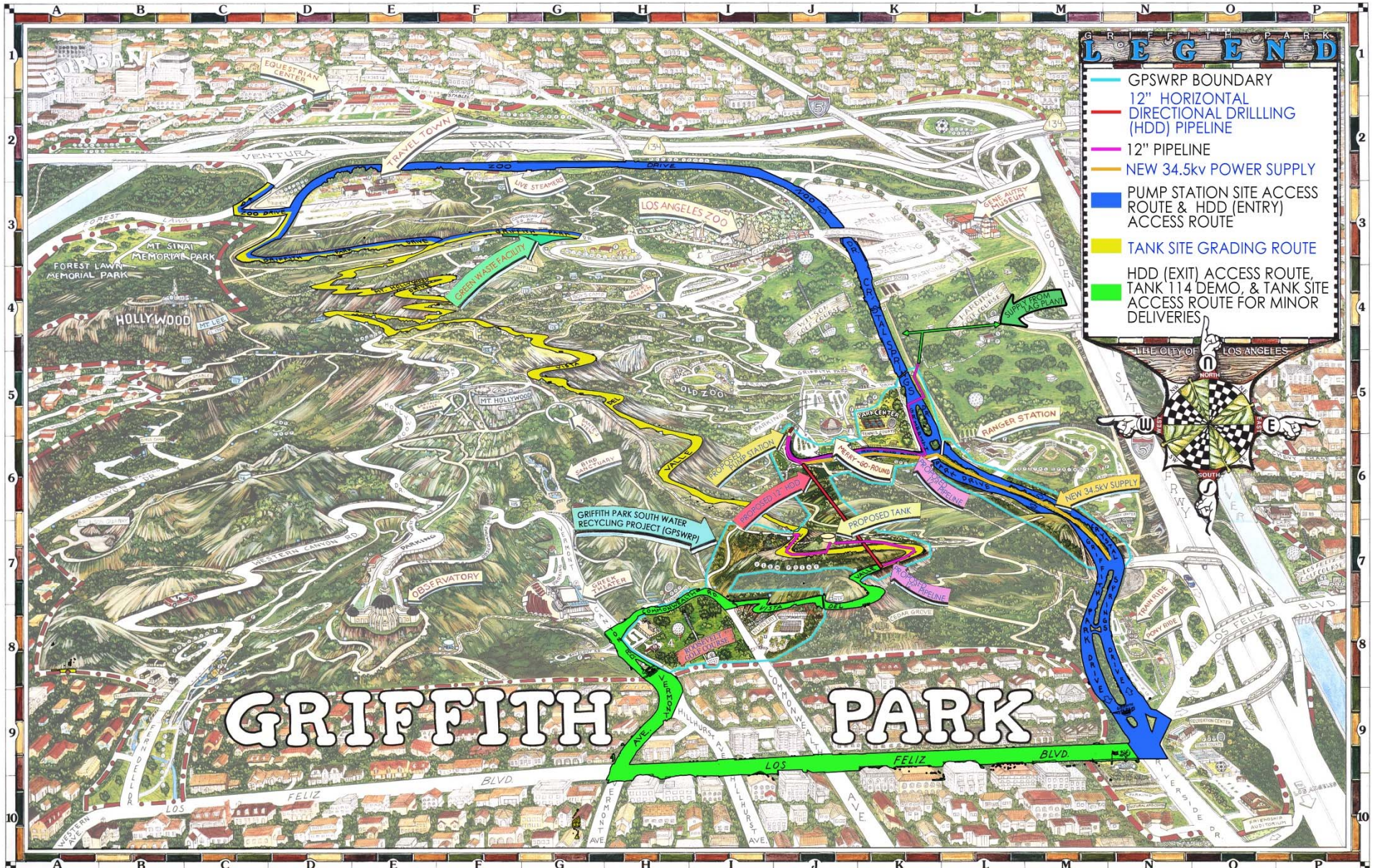


**HDD  
Work  
Area**

**Alternate  
Trail**



# GPSWRP: Access Route



# Project Schedule Summary

GPSWRP		
	Estimated Start	Estimated Finish
TANK 114 DEMO	MAY 2015	MAY 2015
TANK GRADING & FOUNDATION	JUNE 2015	SEPTEMBER 2017
PUMP STATION SITE	FEBRUARY 2016	SEPTEMBER 2017
STEEL TANK CONSTRUCTION	FEBRUARY 2016	SEPTEMBER 2017
HDD CONSTRUCTION	NOVEMBER 2016	JULY 2017
PAVING, LANDSCAPE	SEPTEMBER 2017	DECEMBER 2017

**Thank you for your time**





## Other

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### 1. Hours

- 7 am to 6 pm (10 hours per day)
- Five/six days per week.
- Pipe pullback will be 24 hours/day.
- Construction Updates
- Project & Work Area Schedule
- Contact Information

### 2. Delivery of Pipe

- 7 am to 3:30 pm - 5 truck load in one to two weeks

### 3. Noise

- Sound levels to comply with LA Municipal Code
- All equipment will be equipped with noise suppressors for exhaust.