

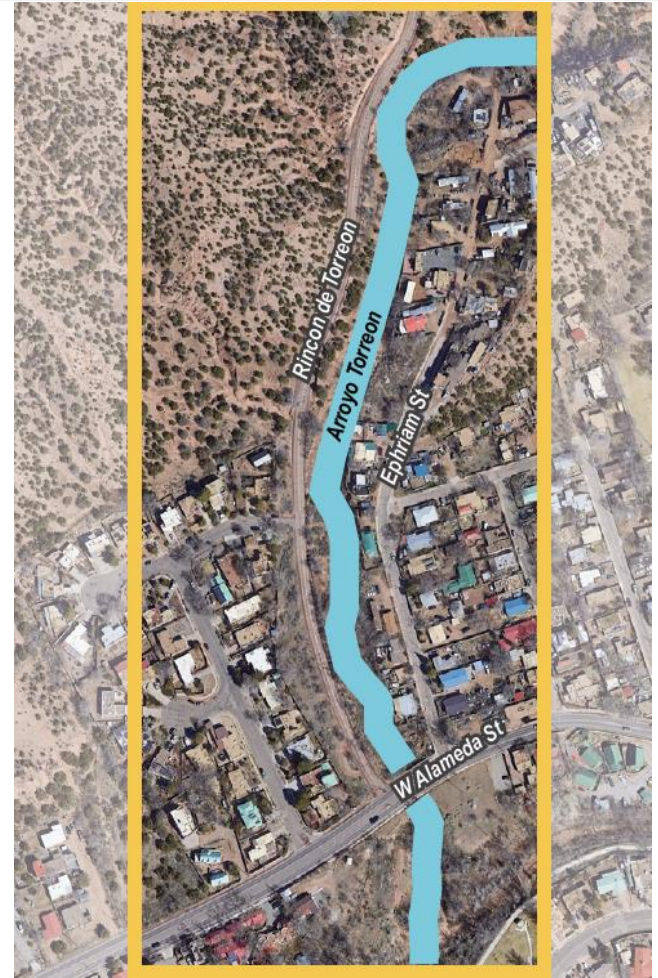


Arroyo Torreon ENN Meeting

Thursday, November 6, 6:30-7:30pm,
La Farge Library

Presenter

Vince Steiner, P.E., CFM
Bohannon Huston



A photograph of a natural landscape with a dirt path, green trees, and a blue sky. A semi-transparent dark grey rectangle is overlaid on the center of the image, containing the word 'Introduction' in white text.

Introduction



Introductions

City of Santa Fe

Zoë Isaacson, River and Watershed Manager

Bohannon Huston

Vince Steiner, P.E., CFM, Vice President

Liz Treat, Planner





Agenda

- Project Objectives Recap
- Current Design
- Next Steps



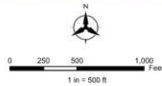
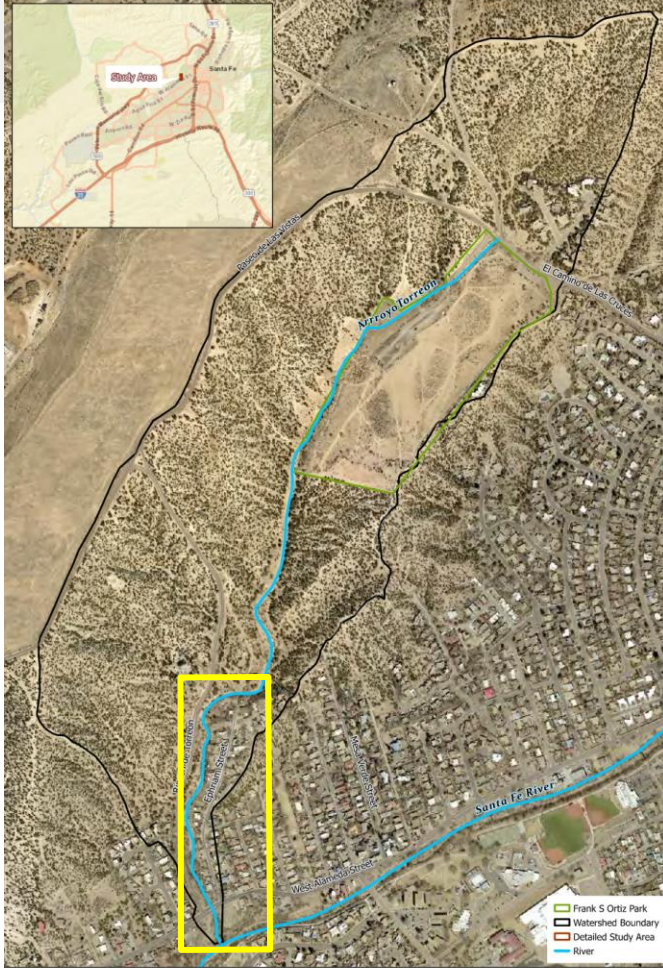
A wide-angle photograph of a natural landscape. The foreground is a sandy, light-brown area with sparse, dry vegetation and a few small green shrubs. In the middle ground, there is a dense line of tall, green trees, possibly pines or junipers, under a clear blue sky. The background shows more trees and a slight rise in the land.

Project Objectives



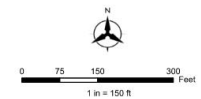
Study Area

Southwest/downstream reach of Arroyo Torreon



Arroyo Torreon Drainage Assessment

Figure 1 Study Area



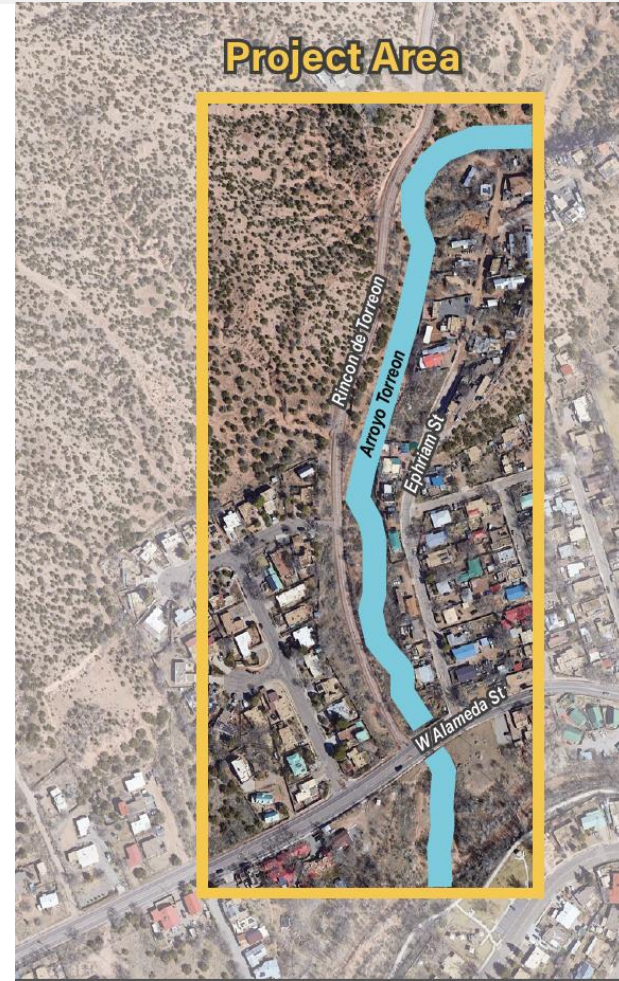
Arroyo Torreon Drainage Assessment

Figure 16 Recommendations



Project Objectives

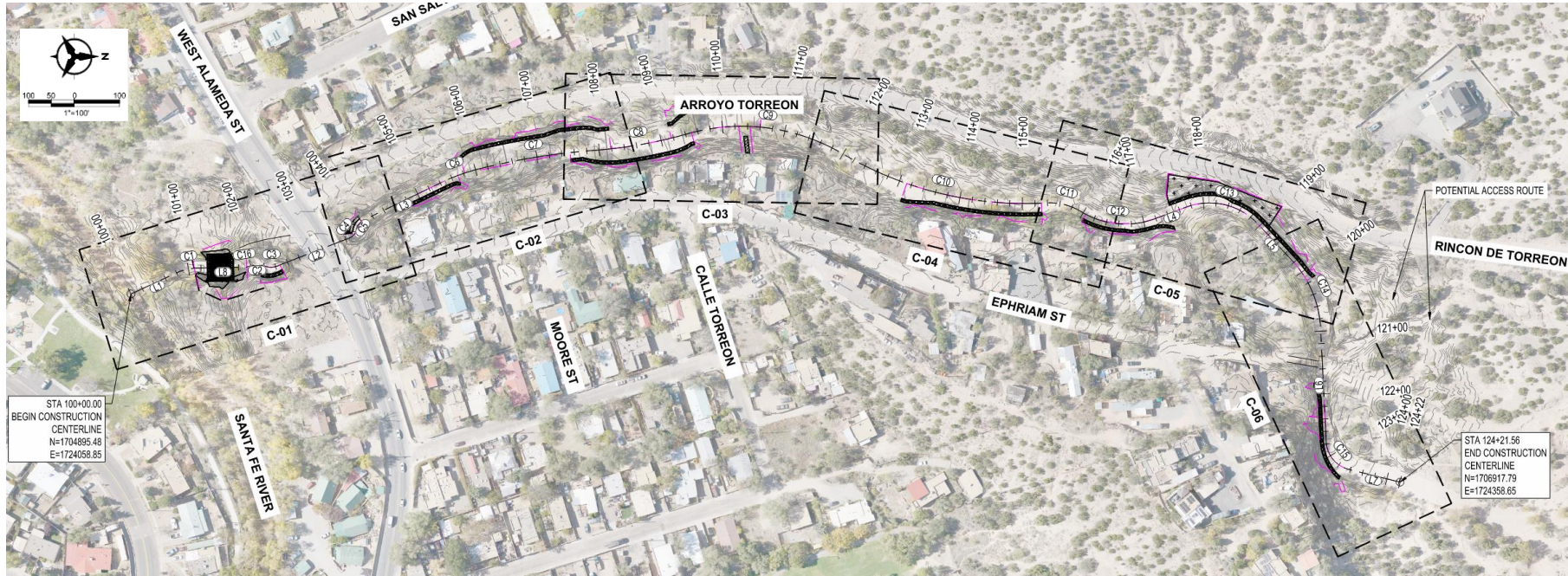
- Channel stabilization measures
 - Flood mitigation
 - Resiliency
 - Cost effective





Current Design

- Gabion basket bank stabilization
- Grouted boulder grade-control structure

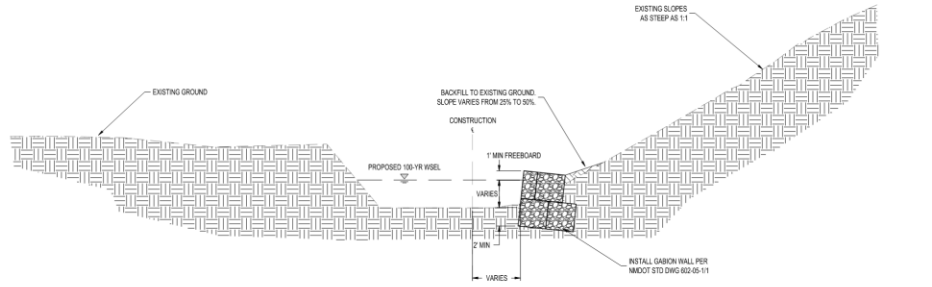




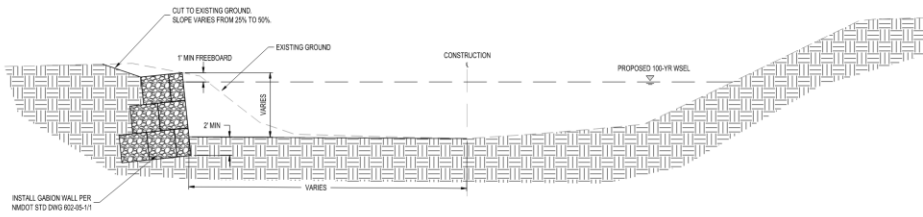
Design Updates per May 2025 Meeting

- Ensured gabion keys are sufficient to avoid flanking
- Added east bank slope stabilization at Sta 11+00





TYPE B GABION WALL TYPICAL SECTION - FILL



TYPE B GABION WALL TYPICAL SECTION - CUT

TYPICAL SECTIONS

GENERAL NOTES:

- GABIONS TO BE CONSTRUCTED PER NMOOT STANDARD DRAWING 602-05-11.
- SECTIONS MAY VARY BETWEEN TYPE 'X' AND TYPE 'B'. BOTH SECTIONS SHOWN ON THIS SHEET ARE TYPE 'B'.

BENCH MARKS

ENGINEER'S SEAL

90% FOR REVIEW ONLY

October 8, 2025

AS-BUILT INFORMATION

BY	DATE	CONTRACTOR	DATE	INSPECTOR	DATE	FIELD SUPERVISOR	DATE	CONTRACTOR

REVISIONS

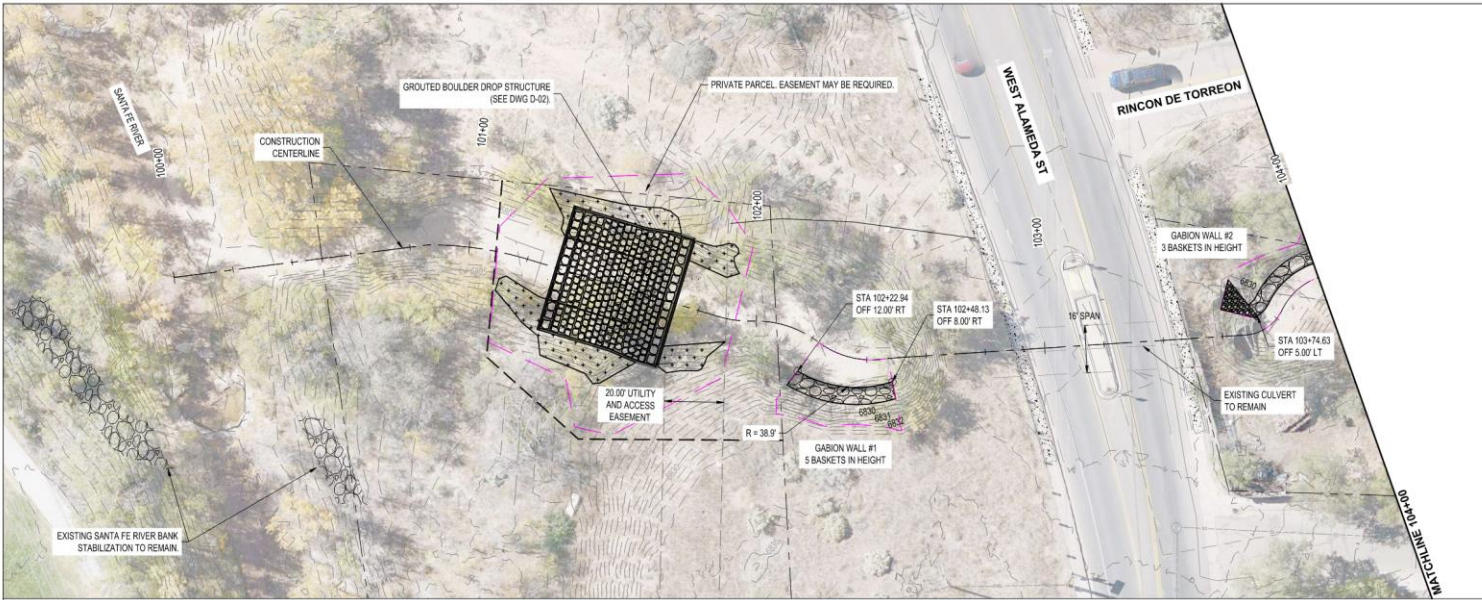
NO.	DATE	DESCRIPTION

DESIGN	NO.	DATE	BY	CHKD BY	DATE	BY	CHKD BY	DATE



CITY OF SANTA FE
ARROYO TORREON - CHANNEL STABILIZATION DESIGN
TYPICAL SECTIONS

BY PROJECT NO. 20250283	DWG NO. D-04	SHEET 17 OF 22
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LEGEND

- ALIGNMENT CENTERLINE
- DRAINAGE CULVERT
- FENCE BARBWIRE
- ROADWAY EDGE ASPHALT
- GATE
- EXISTING CONTOUR MAJOR
- EXISTING CONTOUR MINOR
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- GROUND SHOT
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- CONCRETE
- COMPACTED EARTH
- GABIONS
- BURIED GABIONS
- CLASS C SEEDING WITH ROCK MULCH
- GROUTED BOULDERS
- WIRE-TIED RIPRAP

BENCH MARKS

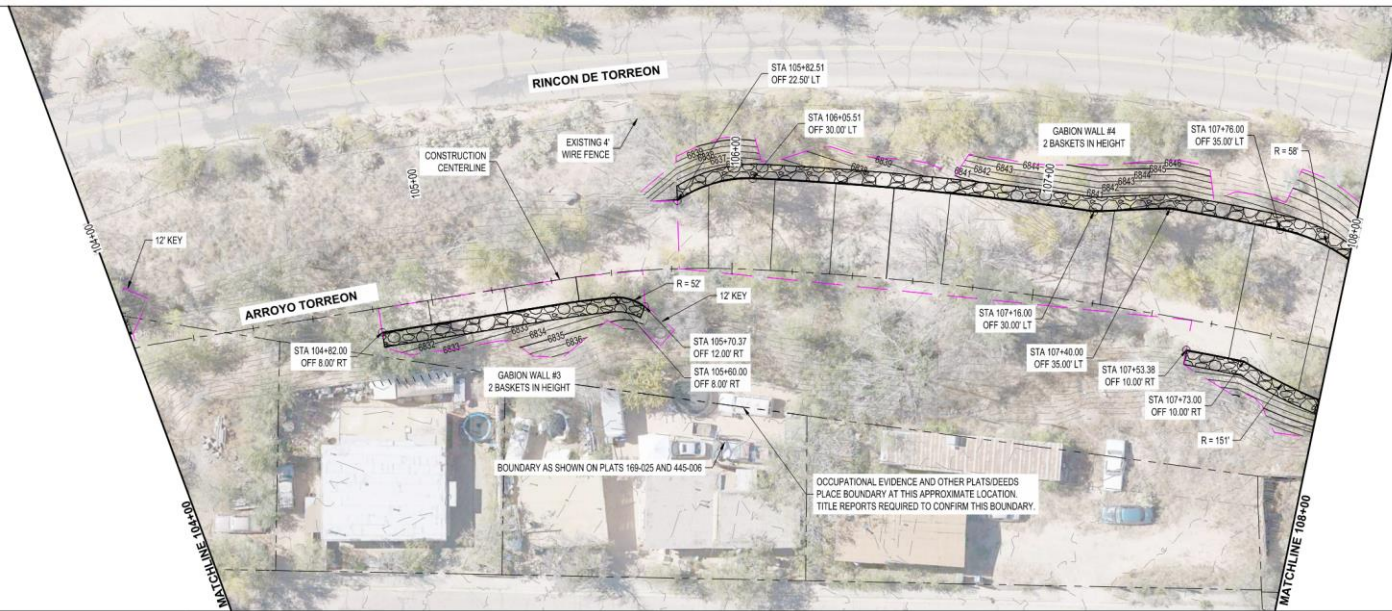
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Grouted Boulder Grade Control Structure

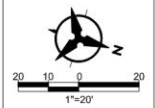
- Examples





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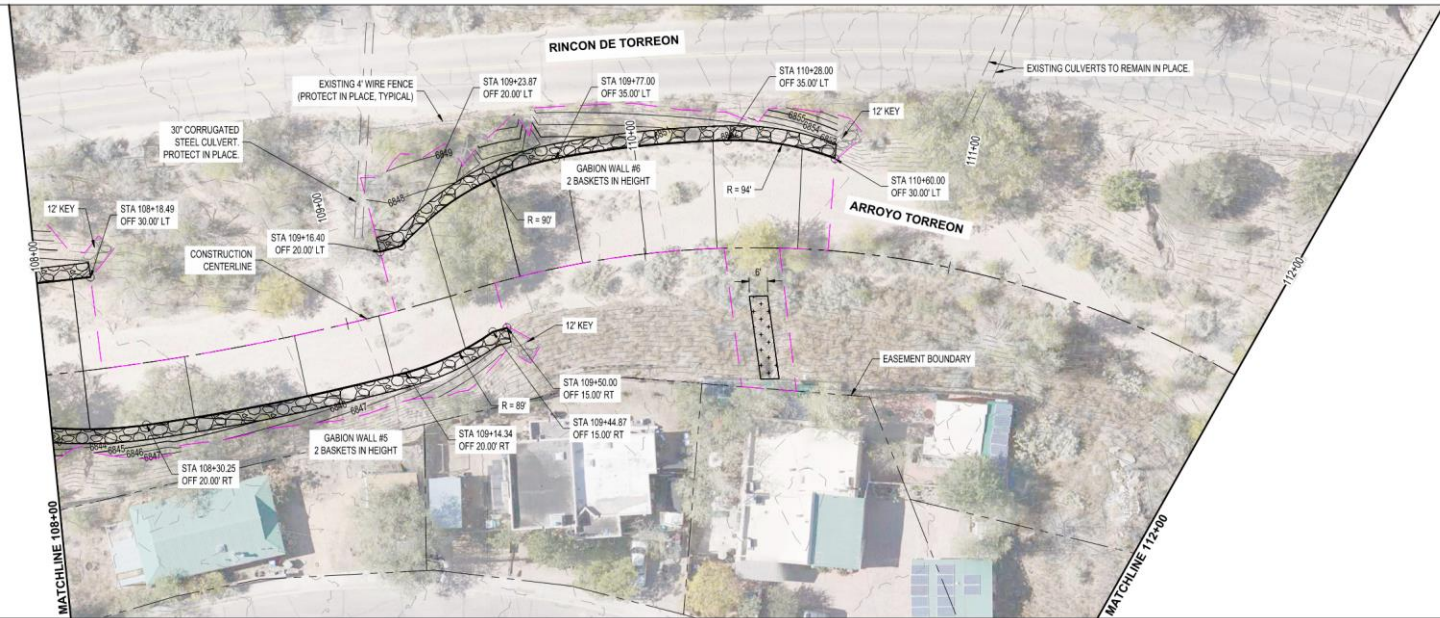
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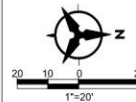
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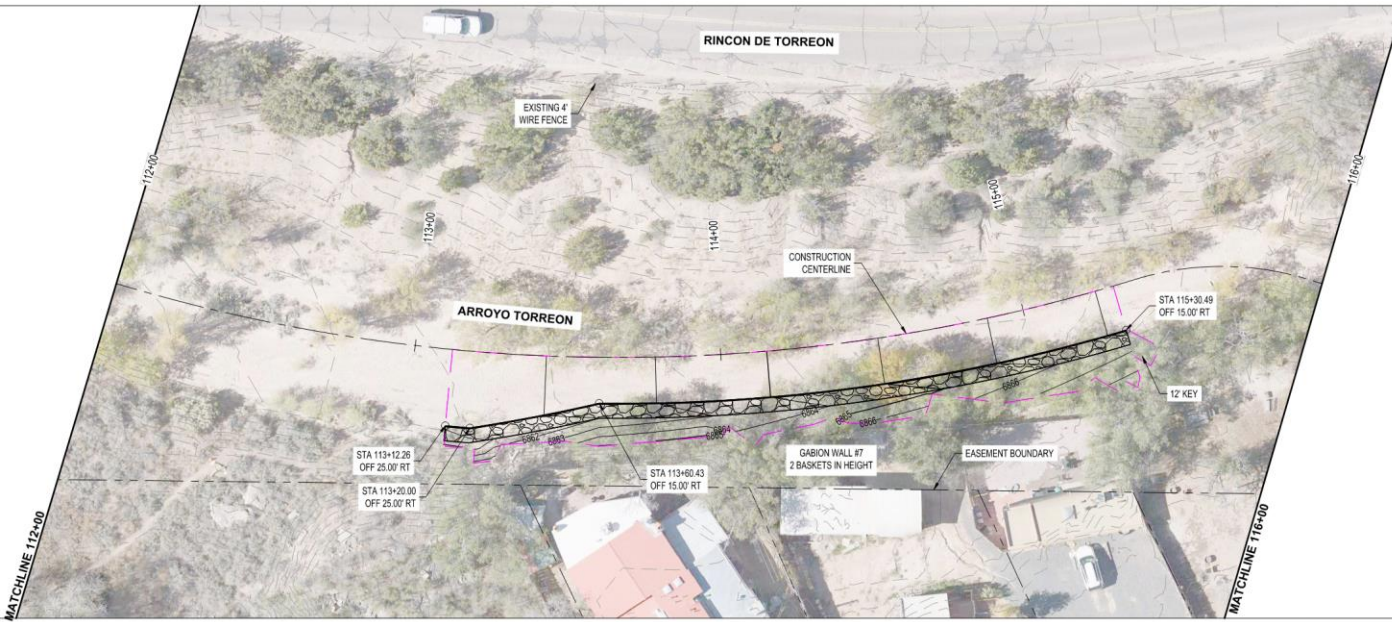
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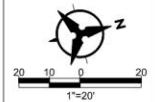
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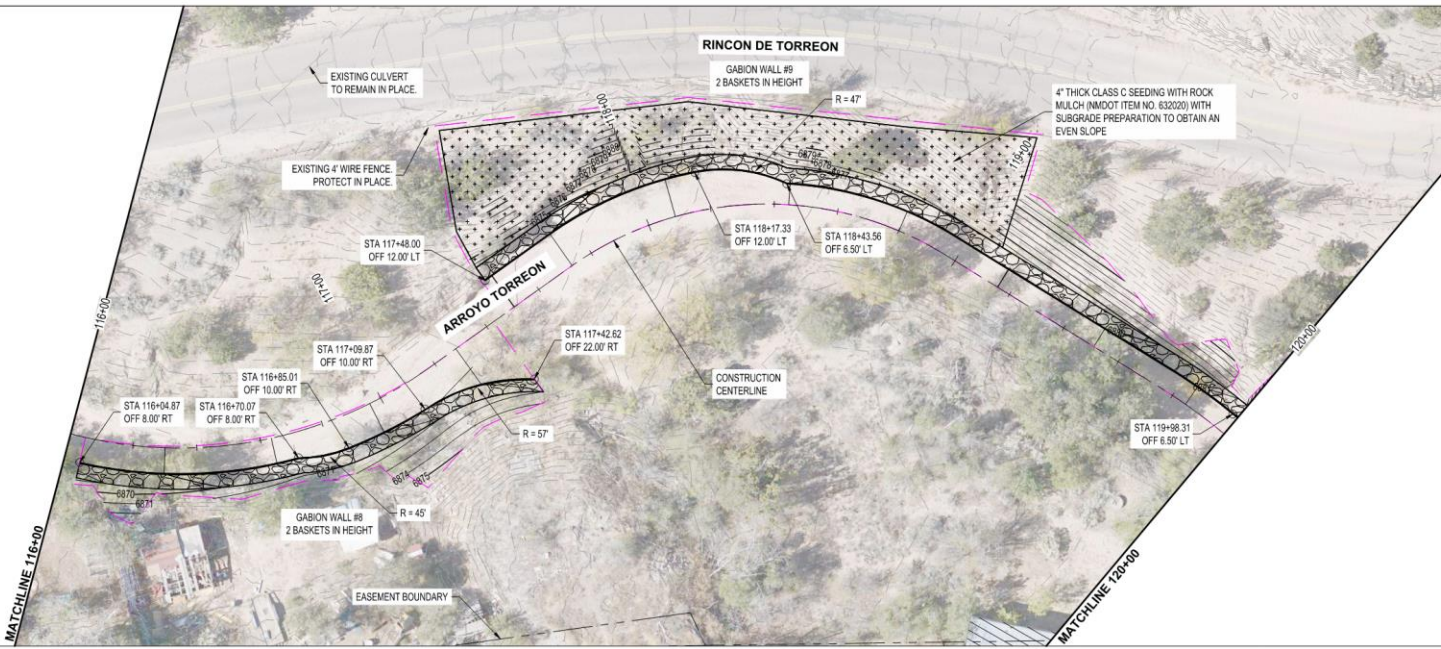
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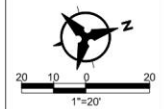
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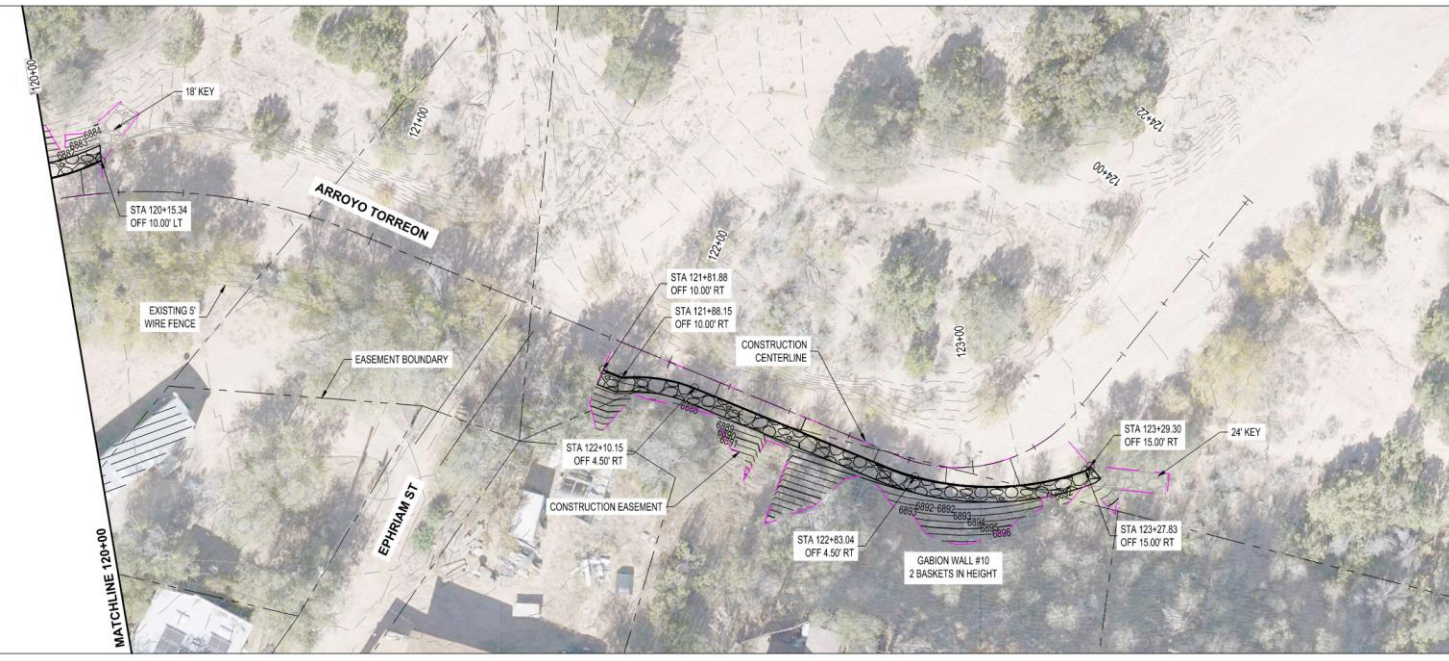
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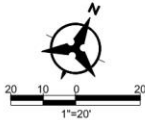
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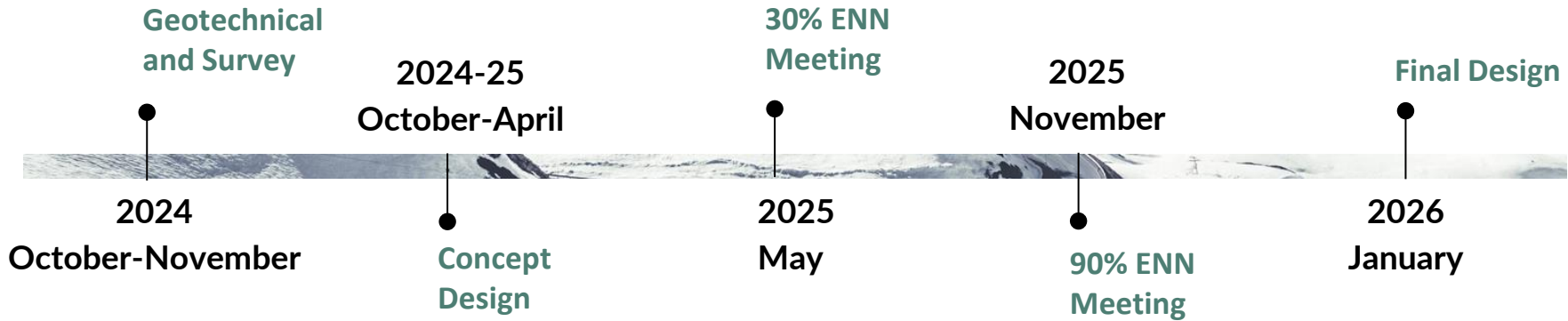


What Tools Can I Use?





Schedule





Thank you.

Phone
505-264-0111

Email
outreach@bhinc.com