



JOB SUMMARY REPORT

Order Number:	Work Order #768057	Job Date:	Apr 2, 2025 12:31:00 PM
Customer:	148140 SANTA FE PUBLIC WORKS	Billing Address:	SANTA FE PUBLIC WORKS 424 NM Highway 599 Building H Santa Fe NM 87507 United States

JOB DETAILS

Jobsite Location	645 Old Las Vegas Highway, Santa Fe, New Mexico, 87505
Work Order Number	Work Order #768057
Job Number	
PO Number	253613

GPRS Project Manager: Craig Swan

Thank you for using GPRS on your project. We appreciate the opportunity to work with you. If you have questions regarding the results of this scanning, please contact the lead GPRS project manager on this project.

EQUIPMENT USED

The following equipment was used on this project:

- Concrete GPR Antenna:** This GPR Antenna is handheld and rolls over the surface. The device displays scan data on a screen, and the operator marks detected objects on the surface in real-time. The antenna needs a reasonably smooth, unobstructed surface for scanning and cannot scan within 2"-4" of obstructions such as walls and metal tracks. Ideally, the client removes obstacles such as these before our work begins. The total effective scan depth can be as much as 18" or more with this antenna but can vary depending on the concrete conditions, composition, and other factors such as the spacing of the reinforcing. Depth accuracy depends on obtaining a precise depth calibration for the concrete. This device does not emit harmful radiation and can be safely operated while people are in close proximity. For more information, please visit: [Link](#)
- EM Pipe Locator:** Electromagnetic Pipe and Cable Locator. Detects electromagnetic fields. Used to actively trace conductive pipes and tracer wires, or passively detect power and radio signals traveling along conductive pipes and utilities. For more information, please visit: [Link](#)



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WORK PERFORMED

CONCRETE ANALYSIS

Client Provided Drawings	Yes
Scope of Work	Scan 4 location on exterior and 6 locations inside Fire Department facility, for post tension.
Quantity of Floor Areas	10
Approximate GPR Effective Depth (in)	6
Slab Type	- Post Tension
Limitations Encountered	- Unable to see through slab (too thick)
Obstructions Encountered	Toilets, gym equipment, wash basin.
Marking Medium	- Marker
Results Notes	<p>GPRS met with site contact for preliminary walk of scan areas. Used concrete GPR to scan 2 restroom stalls, 2 hallways, gym floor, area under wash basin within vehicle bay, and 4 location on the front exterior for post tension. Labeled post tension with red marker and unknown conduit with black marker.</p> <p>Post tension appears to run between 1.5 and 4.5 inches in depth. Could not see through slab in all areas. Slab in vehicle bay, under wash basin, appears to be 5-6 inches thick. Max effective depth of concrete GPR appears to be approximately 6 inches. Four front location, on walkway appears to contain mesh reinforcement. The mesh appears to be in a 6 X 6 inch square pattern. The mesh appears to be between 1.5 and 3.5 inches in depth. Exterior slab appears to be a 4 inch slab on grade. Did not detect post tension on exterior walkway. It was determined by the Architect to not label mesh on front walkway. Used EM locator in both passive modes to verify conduit located. Recommend maintaining a distance of 2-3 ft in all directions from any line, duct, or obstruction, known and unknown. Recommend maintaining a distance of 2-3 inches in all direction from any reinforcement including post tension. Recommend pot holing, hand digging, hand auger, or hydro excavation to verify all depths and locations prior to any mechanical excavation. Recommend pilot hole or chipping to verify all depths and locations of any reinforcement. Any depth or thicknesses provided are approximations. Reviewed scanning with architect at location.</p>



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JOB SITE IMAGES



Jobsite Photo #1



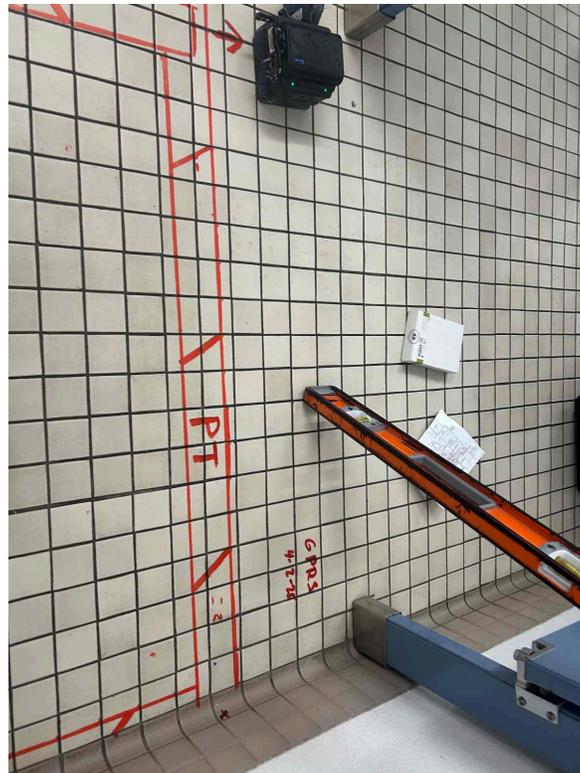
Jobsite Photo #2



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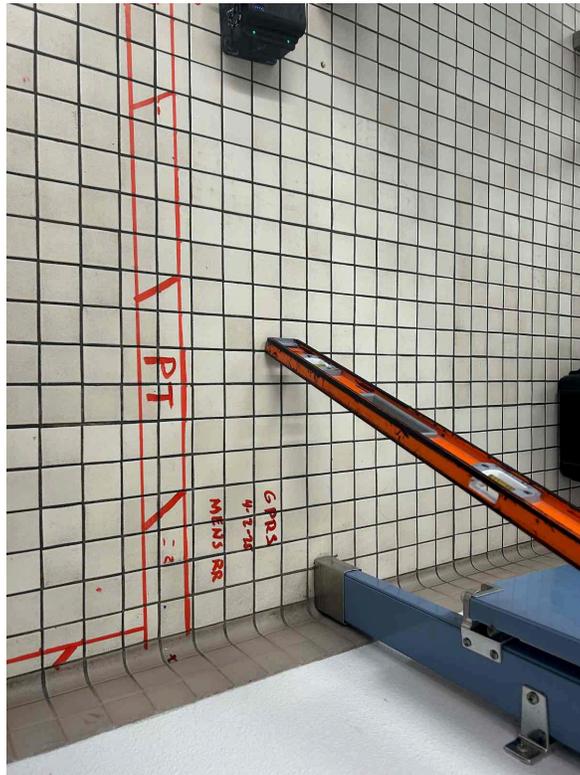
Jobsite Photo #3



Jobsite Photo #4



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Jobsite Photo #5



Jobsite Photo #6



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Jobsite Photo #7



Jobsite Photo #8



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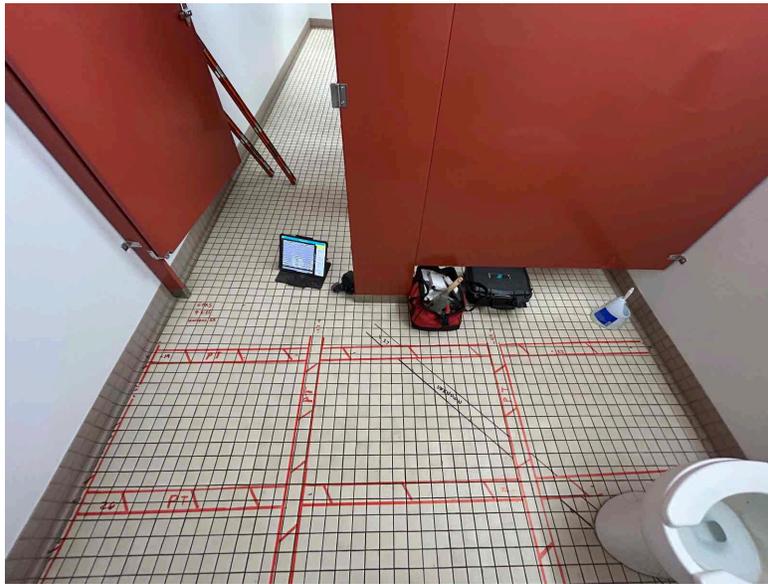
Jobsite Photo #9



Jobsite Photo #10



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Jobsite Photo #11



Jobsite Photo #12



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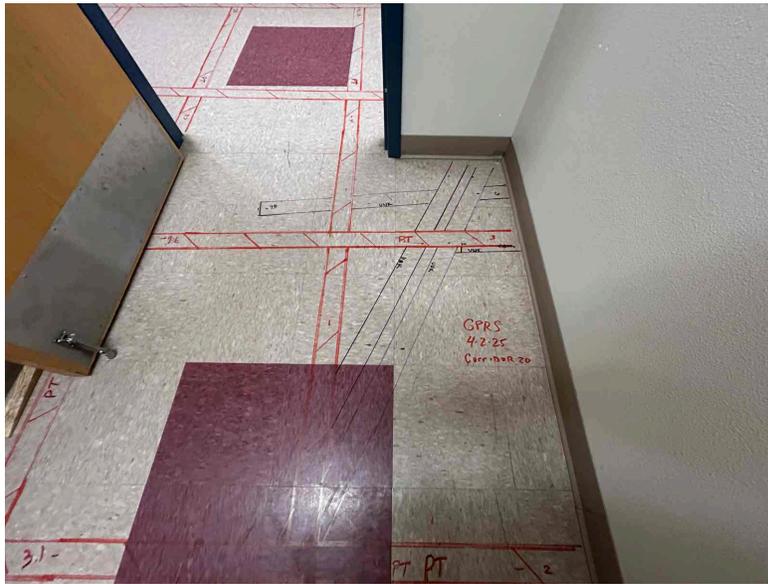
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Jobsite Photo #14



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Jobsite Photo #15



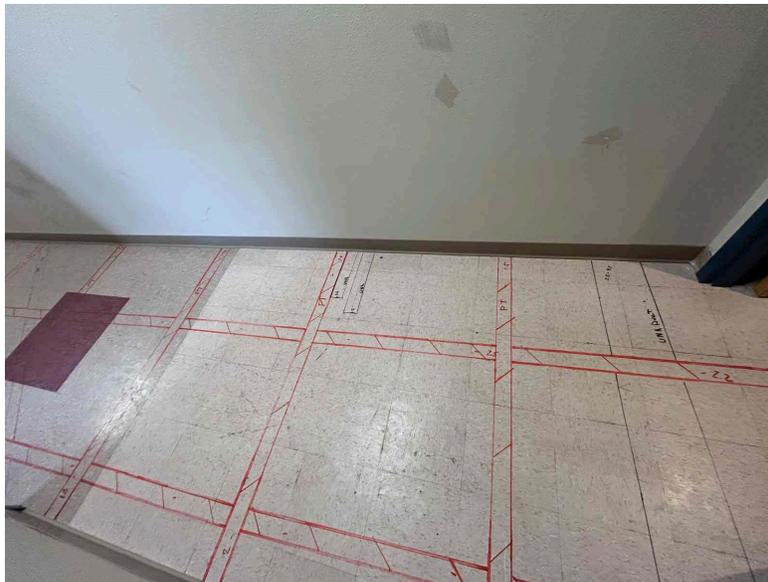
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Jobsite Photo #17



Jobsite Photo #18



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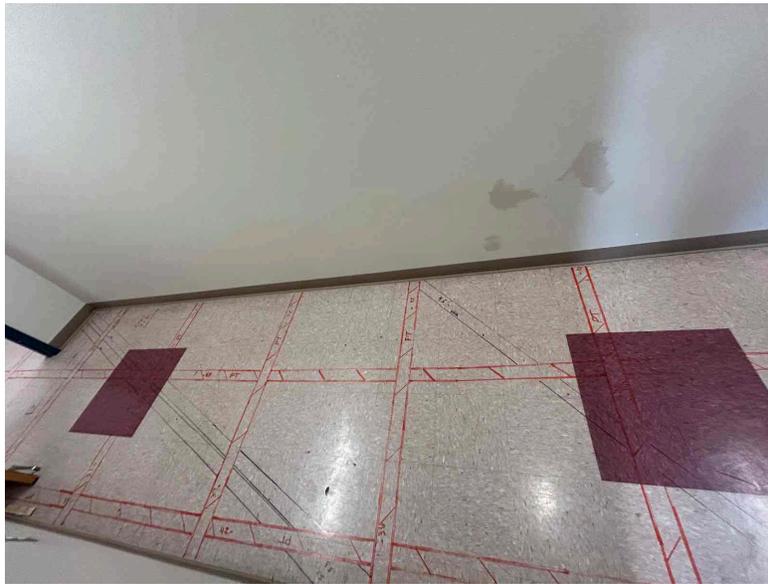
Jobsite Photo #19



Jobsite Photo #20



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Jobsite Photo #21



Jobsite Photo #22



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Jobsite Photo #23



Jobsite Photo #24



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Jobsite Photo #25



Jobsite Photo #26



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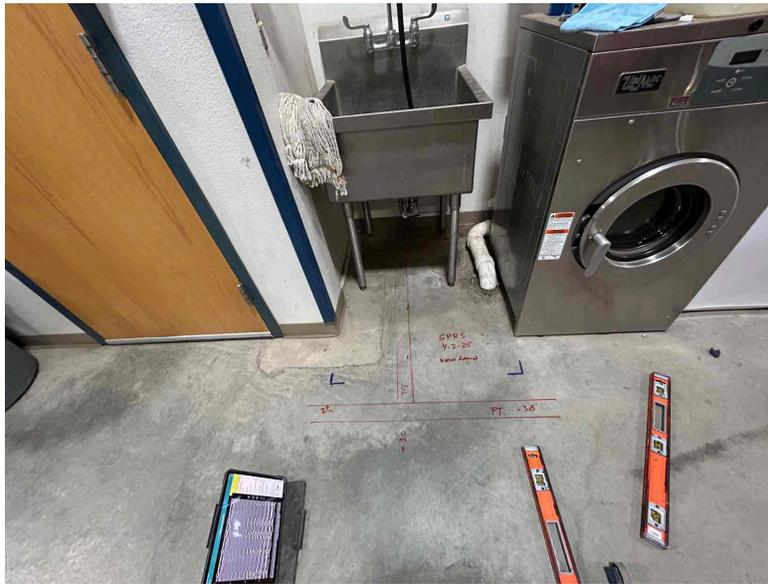
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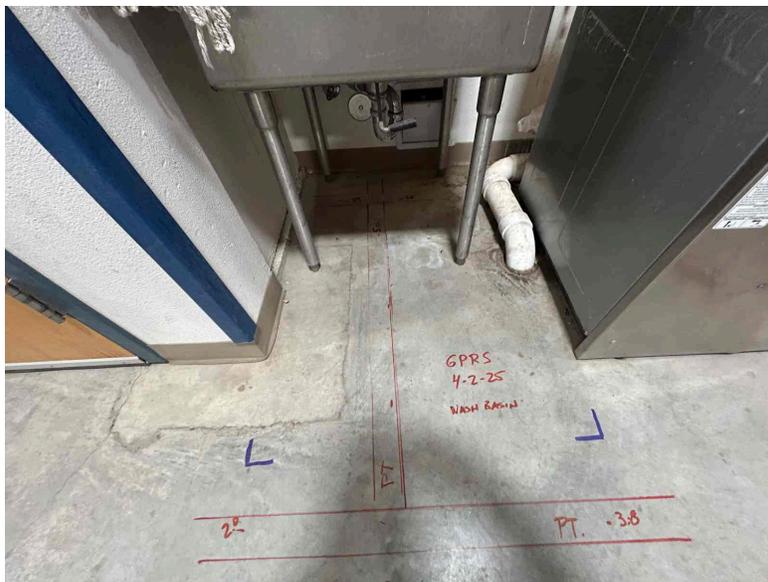
Jobsite Photo #28



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Jobsite Photo #29



Jobsite Photo #30



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Jobsite Photo #31



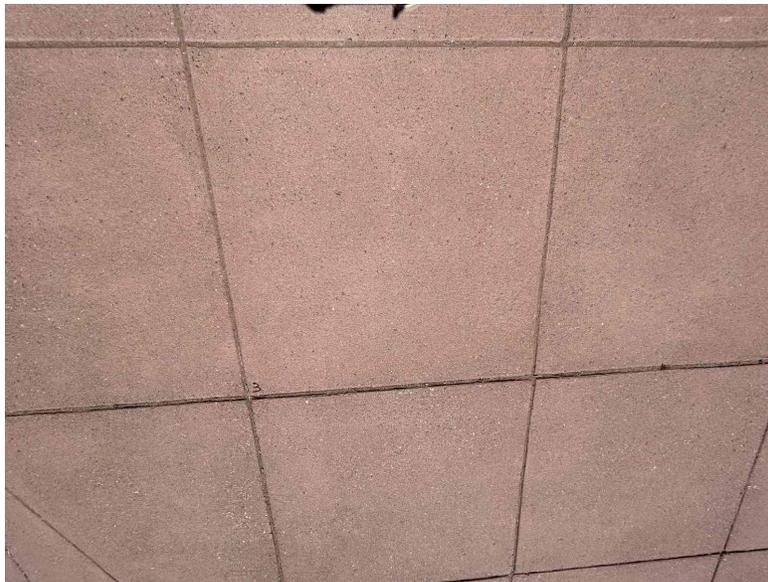
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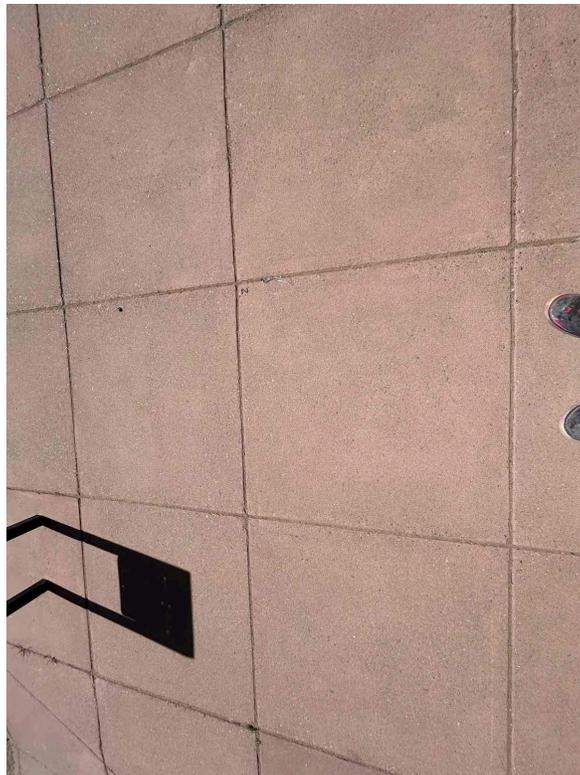
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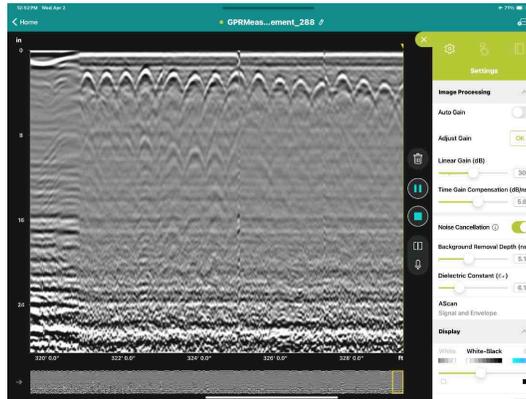
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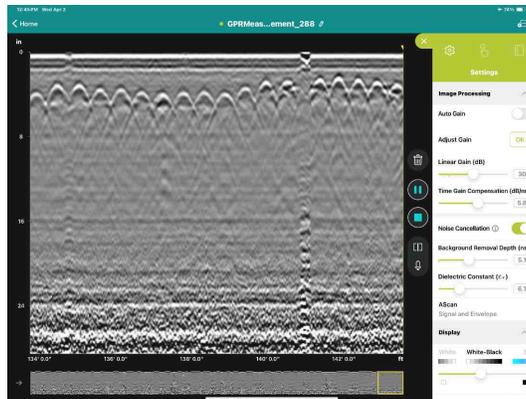
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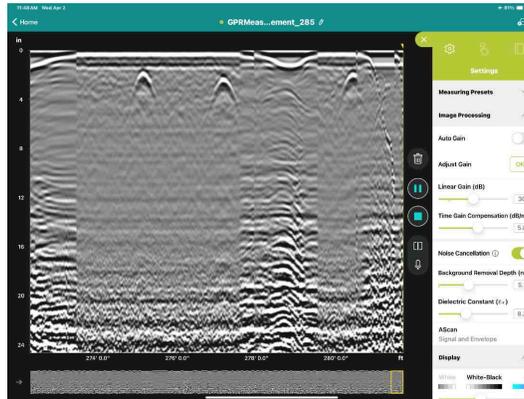
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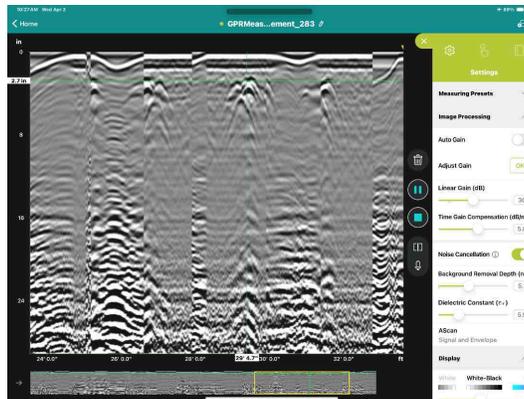
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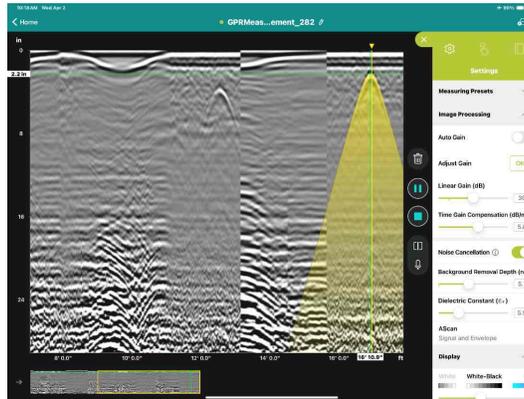
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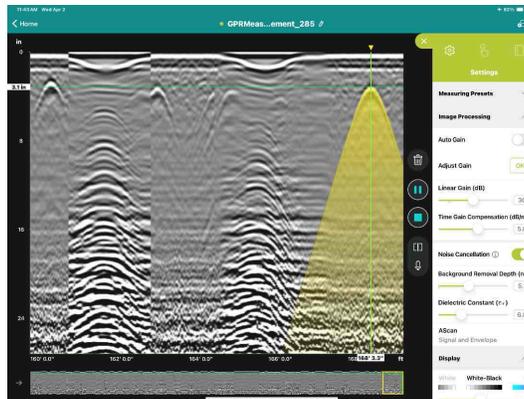
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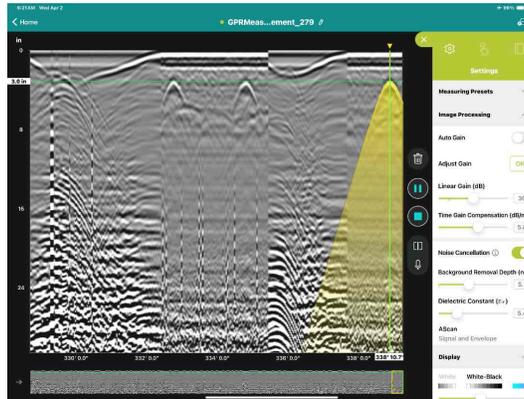
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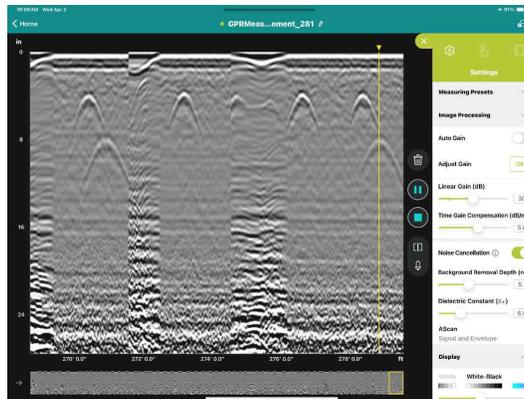
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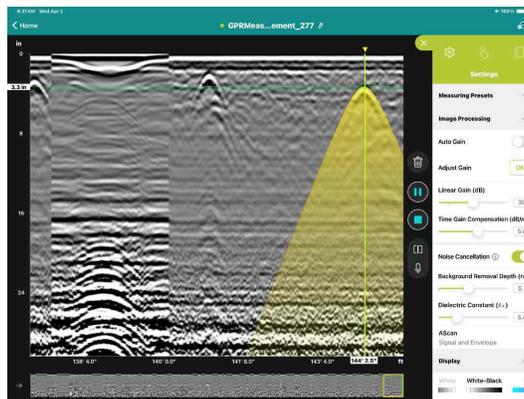
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Jobsite Photo #43



Jobsite Photo #44



Jobsite Photo #45



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CONTACT / SIGNATURE INFORMATION

Contact Information

Contact Name	Miguel Campos	Email	miromero@santafecountynm.gov
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TERMS & CONDITIONS

<http://www.gprsinc.com/termsandconditions.html>