



240-882-3781

Ground Penetrating Radar Checklist

Project Name _____ Project Location _____

PO # _____ Job # _____ Fax # _____

Job Contact Name _____ Contact Phone # _____

Company Name _____ Company Phone# _____

Billing Address _____

Email Address _____

Date scanning needs to be completed _____ Jobsite hours _____ Thickness of the slab _____

Number of areas to be scanned/scope _____ Building floors (example 6th and 7th floor) _____

Concrete type: ___ Elevated ___ Pan Deck ___ Post Tension ___ Stairway ___ Columns ___ Slab on grade

Floor Surface: ___ Raw Concrete ___ Carpet ___ Stone/Marble ___ Linoleum ___ Roof ___ Tile

Live conduits or fire alarm in the slab?	Yes/No
Walker duct in the slab?	Yes/No
Exterior or outdoor scanning required?	Yes/No
Hardhats required?	Yes/No
Lien release needed?	Yes/No
Is this a certified payroll job?	Yes/No
Customer or trades examine ceilings below for obstructions?	Yes/No
Customer understands the capabilities and limitations of this technology?	Yes/No
Drillspotting Required? (if so, additional charges may apply)	Yes/No
Formal scan report required? (if so, additional charges will apply)	Yes/No
Subcontractor agreement, security, or other paperwork needed before work begins?	Yes/No
Will payment be made within 30 days of invoice date?	Yes/No
Metal track and walls removed prior to technician's arrival?	Yes/No
Any scan locations on tile, mud beds, or terracotta?	Yes/No
Concrete less than 6 month new (poured)?	Yes/No
Security training or security escorts needed to gain access to site?	Yes/No
Ceiling scanning required?	Yes/No
(if yes, customer supplied scaffolding maybe required)	
Certificate of insurance required before work begins?	Yes/No
(if yes, indicate any special text required in this certificate)	



Contractor/Client Notes:

Please remove track, drywall, studs, debris, protrusions, etc from scan area. Provide a flat contact between the antenna cart and concrete surface. GPR is only capable of collecting data 4” from any wall or vertical obstruction.

Examine ceilings for obstructions or obstacles before scanning technician arrives.

PVC conduit is difficult and in most cases impossible to view using GPR technology. Pan decks are very difficult to scan, and in most cases impossible to trace metal below the top layer of pan.

Area must be dry to scan and mark concrete. Moisture affects the radar’s ability to penetrate concrete. Concrete younger than 6 months may not allow a radar signal to penetrate the entire slab thickness.

Have all scan areas laded out prior to technician's arrival.

GPR cannot be performed on slabs with corrugated metal or recycled concrete.

Our 50/60 hz Electromagnetic Sensor (EM) only works if conduits in the slab are ‘active,’ with high voltage current running through the circuit. If the current is not ‘flowing’, the sensor will not detect electrical wires. Low voltage can’t be detected with this sensor.

Think of alternative locations for cores if scanned areas are not clear.

Ceiling scans may necessitate customer supplied scaffolding/lifts and require twice as much time as floor scans.

Verify that penetrations will occur in sections of the slab less than 12" deep. Deeper concrete may require X-ray or scanning on both sides of the slab.

Roof penetrations require an area of at least 3 x 3 feet, cleared of gravel and foam. Typically, roof penetrations necessitate additional time and coordination with the general contractor, building engineers, roofers, drillers and other trades people.

Understand the capabilities and limitations of this technology. Please ask questions or review our website at www.metroconcretescanning.com

A representative from your company should be present to review the results once scanning is complete.

Do not drill within 1 ½” of any marks.

Core hours Monday – Friday 6:30 to 2:30. Overtime rates apply after hours and weekends.



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RELEASE OF LIABILITY/AUTHORIZATION

In consideration for being able to participate in GPR (ground penetrating radar) scanning of concrete, Releaser, for himself, his/her legal representatives, heirs and assigns, releases, waives, and discharges METRO CONCRETE SCANNING CORP. 17 LINDEN AVE, ANNAPOLIS, MD. 21401, it's officers and members and each of them, their employees and officers, hereinafter referred to as Release's, from all liability to Releaser (company name or your name) _____, legal representatives, heirs and assigns, for any and all loss or damage, and any claim for damages resulting from the use of GPR results.

Because depth of exploration is dependent upon the electrical properties of material(s) inspected and interpretations are opinions based on judgements made from those acquired radar signals and/or other data, Metro Concrete Scanning does not guarantee the accuracy or correctness of interpretations and Metro Concrete Scanning will not accept liability or responsibility for any loss, damage, or expense that may be incurred or sustained by any services or interpretations performed by Metro Concrete Scanning or others. GPR scanning can not distinguish the difference between a single rebar, conduit or post tension cable 100% of the time. It can only detect the center and approximate depth of targets. This release serves for this job and all future jobs with said company/releaser.

Releaser assumes full responsibility for the risk of all loss to person or property while either in or upon Job Site, and while completing, working, or participating in, and during, GPR scanning of concrete.

Releaser agrees that if any portion of this release and waiver agreement is held invalid under the laws of the state MD, VA and/or Washington DC, those parts that are not held invalid shall continue in full legal force and effect.

Metro Concrete Scanning is not responsible for any loss or damage arising out of the use of, or reliance on the data collected or the report presented.

Releaser further agrees that he has carefully read the forgoing release agreement, knows and understands the contents of the same, and signs this release agreement as his own free act.

If the scanning takes longer because of extended coverage or as a result of the area not being prepared, an additional \$150.00 charge will be applied for each additional hour per man/machine. Price \$150.00 per hour. Each site visit is a 4 hour minimum of \$600.00. Off hours and weekend work are higher rates. Call for pricing when scheduling. Job cancelations fees may apply if scheduled appointments are not kept and technicians have been mobilized.

I have read and understand the terms of the release of liability and authorization form and agree to be bound by its terms, conditions and disclaimer.

Print Name: _____

Date: _____

Signature: _____

Company Name: _____

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