

A Shotcrete feature:

# SAFETY SHOOTER



by ASA Safety Committee Chair—  
Chris Zynda of Concrete Structures

## Create a Pre-Site Checklist

Whenever possible, try to pre-site all construction projects before scheduling personnel and equipment. A little extra planning ahead of the actual work can save a lot of headaches later on.

Listed below are a few areas to help you form your own checklist specific to your needs. An easy-to-follow checklist also makes a great scope sheet for the crew on shotcrete day.

### Location Considerations

1. Traffic control needed
2. Room for equipment
3. Area for materials, trucks, and supplies
4. Barricades

### Equipment Needs

1. Size pump/gun and compressor
2. Material/air hose
3. Hose protectors and tie-offs
4. Water hose and connections

### Access

1. Route of material hose from pump or gun
2. Obstacles in path of access
3. Protection of access
4. Safety of others in line of access

### Other Trades on Site

1. Notify of operation
2. Check if compatible with other trades on site
3. Protect supplies and equipment
4. Protect for over spray and dust

### Protection

1. Pump area
2. Gutter and drains
3. Vehicles
4. Floor areas

### Working Surface Inspection

1. Level work area
2. Scaffolding secure
3. Sturdy subfloor
4. Holes in subfloor

### Shotcrete Work Area

1. Stability of forms
2. Tightness of rebar
3. Overhead objects
4. Scaffolding tie-off

### Clean Up

1. Drains and gutters
2. Street
3. Adjacent areas
4. Floors

Job Information Worksheet / Change Order

<p>Date: _____</p> <p>CSA Bid #: _____ CSA Job #: _____</p> <p>Sheet #: _____ of _____</p> <p>Job Name: _____</p> <p>Job Address: _____</p> <p>General Contractor: _____</p> <p>Contact: _____ Phone #: (____) _____</p> <p style="text-align: center;"><b>Scope</b></p> <p>Finish:    <input type="checkbox"/> Rod    <input type="checkbox"/> Float    <input type="checkbox"/> Steel Trowel</p> <p>Rebound:   <input type="checkbox"/> Base Wall   <input type="checkbox"/> Spread   <input type="checkbox"/> Removal</p> <p>Protection:   <input type="checkbox"/> Yes   <input type="checkbox"/> No</p> <p>Scaffolding:   <input type="checkbox"/> Yes   <input type="checkbox"/> No</p> <p>Concrete Mix #: _____ Supplier: _____</p> <p>Cure:    <input type="checkbox"/> Aqua Resin   <input type="checkbox"/> 1125   <input type="checkbox"/> 1127   <input type="checkbox"/> Other _____</p> <p>Radios:    <input type="checkbox"/> Yes    <input type="checkbox"/> No</p> <p>Misc. Notes: _____</p> <p>_____</p> <p>_____</p> <p><input type="checkbox"/> Pre Site Visit</p> <p>Representative: _____</p> <p>General Contractor Representative: _____</p>	<p>Plan View</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p>Total Length: _____</p> <p>Total Height: _____</p> <p>Total Sq. Ft.: _____</p> <p>Wall Thickness: _____</p> <p>Anticipated Yardage: _____ Cu. Yds.</p> <p>Actual Yardage Placed: _____ Cu. Yds.</p> </div> <p>(Example: Front Door, Street Name, Rear of Building)</p> <p><b>Reference</b></p> <p>~~~~~</p> <p><b>SHOTCRETE Symbol</b></p> <p>~~~~~</p> <div style="text-align: right;"> <p><b>Safety First!</b></p> </div>
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