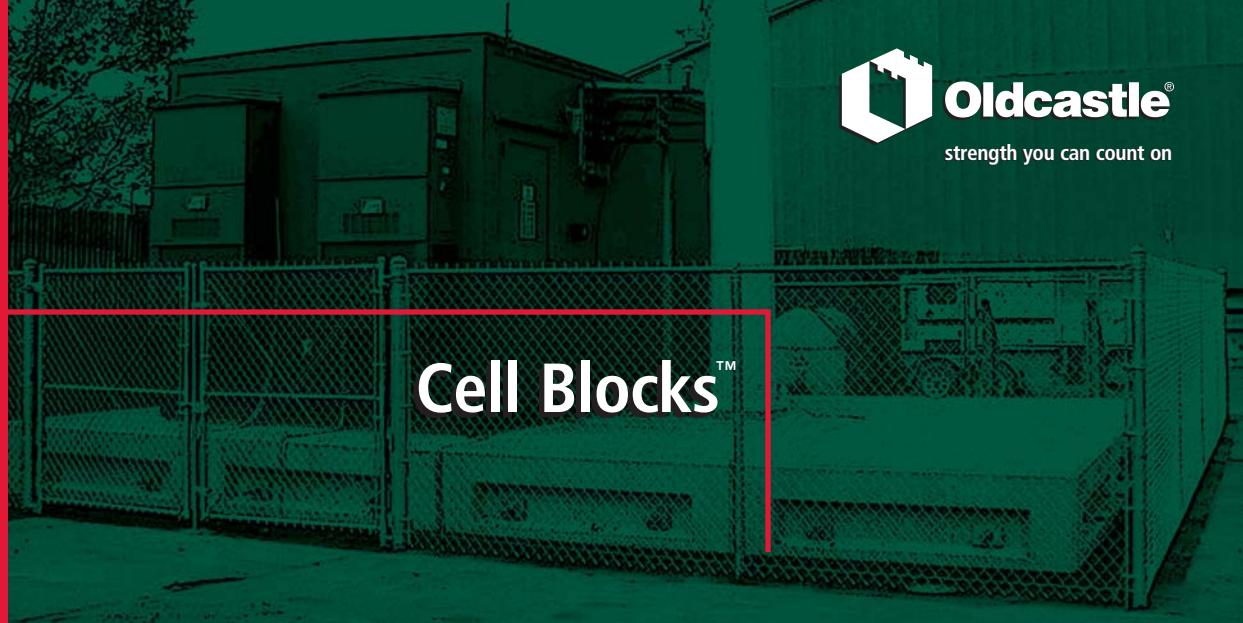


Strong
Reliable
Secure



Cell Blocks™

Precast Foundation System



Oldcastle Cell Blocks™ are a precast, post-tensioned foundation system designed specifically for the wireless communications industry. Cell Blocks accommodate monopoles, shelters, equipment cabinets, power/telco pedestals, precast walls, chain link fencing, and stairs.

Cell Blocks provide expanded site acquisition options. Cell Blocks were originally designed as a cost effective replacement for site-built foundations, but because they are deployed at grade level, Cell Blocks can also be used at contaminated and environmentally or archeologically sensitive sites. Because they can be deployed using heavy equipment, Cell Blocks are ideal for remote sites with limited access for concrete trucks and drilling rigs.

Cell Blocks facilitate aggressive construction schedule reductions of at least 75%. Typically the foundation, shelter, and monopole are deployed in a single day.

Benefits and Advantages

- 🏠 Expedited Design and Engineering
- 🏠 High Quality Manufacturing Process
- 🏠 Significant Schedule Reductions
- 🏠 Expanded Site Acquisition Options
- 🏠 Can Be Relocated/Permitted as Temporary
- 🏠 Optional Precast Concrete Screen Walls

www.oldcastlecomm.com

1-866-358-7496



Design and Site Development

- ❖ Pre-Engineered
- ❖ Comprehensive site-specific design analysis
- ❖ Site-specific wet-stamped drawings and calculations
- ❖ Widely accepted by regulatory agencies
- ❖ Use on contaminated/environmentally sensitive sites
- ❖ Rapid deployment minimizes inconvenience to landlord



Schedule Reduction

- ❖ Construction schedule reductions of 75% or more
- ❖ Blocks fabricated concurrently with permitting process
- ❖ Minimal site preparation requirements
- ❖ Construction not delayed for foundation cure time
- ❖ Standard blocks held in inventory for immediate deployment



Quality Manufacturing

- ❖ Factory precast using precision forms
- ❖ Stringent quality assurance standards
- ❖ In-factory third party special inspections
- ❖ Consistent concrete mixes with in-house batch plants
- ❖ In-house testing labs at each manufacturing location

Available Options

- ❖ Precast concrete screen walls
- ❖ Chain link fencing brackets
- ❖ Oldcastle equipment shelters
- ❖ Turnkey construction services
- ❖ Stairs
- ❖ Gates and doors

Typical Single Day Deployment

❖ The following chronological photos document a single day deployment of a foundation, shelter, and monopole.



Previously prepared site.



Work begins at 8:00 AM, with the last block set by 9:00 AM.



Install post-tensioning hardware and post-tension to 50%.



Post-tensioning to 100%, foundation complete by 10:30 AM.



Set, anchor, and ground shelter and monopole.



Installation of antennas, wave-guides, and equipment begun prior to end of day.