



Shelter Solution Mountain Top Applications

LOGISTICALLY CHALLENGING PROJECTS

Oldcastle Infrastructure is capable of leading and executing some of the most logistically challenging remote construction projects. Our professional team has successfully delivered projects in Oregon, Colorado and California.

Even the most logistically challenging projects and schedules are handled deftly thanks to the practical skill, technical insight and organizational prowess of the Oldcastle Infrastructure team.

Our team's experience with managing operations to high environmental standards, and safety commitment has given us a solid reputation for safely completing logistically challenging projects, often in remote areas, with great quality, on time and within budget. Oldcastle Infrastructure recently completed



the challenging co-location site at Walker Mountain, Chemult, Oregon for American Tower Corporation.

Oldcastle Infrastructure provided turnkey deployment of a 20' x 49' co-location shelter.

Attention to quality and detail was central to completing a new substation communications site on top of Baker's Peak, Slide Mountain, Yuma, Arizona for the U.S. Military and the Co-location Shelter on Iron Mountain, California for Motorola.

Oldcastle Infrastructure has the expertise to set your shelter in some of the roughest terrain where conventional deliveries just cannot be done. What we can do for you: Bring in a crawler to site that can navigate up to a 30% grade; Navigate hairpin switchbacks; Unload shelter on foundation without the use of a crane.

"I have no words for you guys but THANKS....Downy and Boise sites wouldn't have been possible without your help and professionalism."

Alex Mouldous
Network Deployment Engineer-Aircell LLC



**COMMUNICATIONS SUB-STATION -
BAKERS PEAK COMPLEX
Slide Mountain, Yuma, Arizona**

Oldcastle Infrastructure provided full turnkey services for the Marine Corps Air Station-Yuma, Arizona Bakers Peak Complex which included a 30 x 32 communications shelter and precast modular foundation blocks known as Cell Blocks.

Although Baker’s Peak was on a remote mountaintop with limited access Oldcastle Infrastructure demolished the old site and towers, prepared the new site, installed a precast cell block foundation, three communications towers and a precast 110 m2 Maxi-Mod Shelter. Each of the Maxi-mod sections brought up weighed 25 tones. The project was completed in eight working days and the clients were so pleased with the results that Oldcastle Infrastructure was awarded two further projects.

- Communications Shelter = (3) three piece (10’w x 32’L per section) precast concrete sectional building.
- Shelter was fully outfitted with electrical, HVAC, alarms
- Three Towers: (2) two 50’ tower poles and (1) one 75’ tower pole.

**CO-LOCATION SHELTER AT
WALKER MOUNTAIN, Chemult,
Oregon**

Oldcastle Infrastructure recently completed the challenging co-location site at Walker Mountain, Chemult, Oregon for American Tower Corporation. Oldcastle Infrastructure

provided turnkey deployment of a 20’ x 49’ co-location shelter.

The 20x49 five piece co-location shelter was engineered and manufactured by Oldcastle Infrastructure for seismic zone: 150% G. The outside dimension is 50’-10” long x 20’-10” wide x 11’-2” high and the finished inside dimension– 50’-0” long x 20’-0” wide x 10’-6” high.

The turnkey project included total outfitting of the co-location shelter from installation of all electrical, environmental systems, alarms, lighting and on-site delivery and installation, in addition to on-site architectural enhancements.

IRON MOUNTAIN

Oldcastle Infrastructure completed the challenging turnkey deployment co-location site at Riverside County on Iron Mountain, CA for Motorola. In addition, Oldcastle Infrastructure erected a Motorola supplied 80’ Saber tower on site.

**SAMPLE OF ADDITIONAL
PROJECTS:**

- Design-Build project for Buchanan on top of Rattlesnake Mountain- Cell Block Foundation and 3040 Maxi Mod Design Build
- Design-Build project for Pappas - Reno, NV - Renovated broadcast facility on top of mountain
- Design-Build project for TWC on King Mountain-Charlotte,NC - Turnkey 23x27 Double Wide

“My thanks for allowing me to watch them setting the maxi-mod at Black Mountain. It was very impressive and obvious that you guys can put a building anywhere.”

Olan J. Wade, CISSP
MUOS Site Planning Engineering IPT Lead - General Dynamics C4 Systems

About Oldcastle Infrastructure

Oldcastle Infrastructure, A CRH Company, is the leading provider of building materials, products and services for infrastructure projects to several market sectors nationwide, including: Building Structures, Communications, Energy, Transportation and Water.

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