

Quality VOBB concrete block construction is simple, strong and affordable.

To greatly reduce labor costs, VOBB concrete block construction is based on dry-stacking with the elimination of the weak mortar joint. (What is the weakest part of a concrete block wall? The mortar joint! That is almost always where the concrete block wall breaks.) Instead of making a weak mortar joint, the concrete mix is poured into the cavities on a vertical basis. VOBB works with gravity, to reduce the expensive labor cost of using regular concrete masonry unit (CMU). The slow process of making a weak mortar joint is eliminated with the dry-stack method. In addition, VOBB blocks are made based on a grid of six inches. VOBB blocks are made in lengths of 18", 12" and 6" long. Therefore, a lot of unnecessary cutting (i.e. a lot of labor cost) is eliminated when the design is based on this six-inch grid. For example, the wall length is ten feet or ten feet and six inches, but not ten feet and two inches. In addition, the doors and windows are made for 3' or 3'6", 4' or 4'6", 10' or 10'6", 20' or 20'6" in width, etc., etc. All VOBB blocks are six inches high and six inches wide. VOBB blocks are made on a regular block machine with the same aggregate and the same curing process as CMU used for Wal-Marts, etc. Rebar is inserted where the concrete is poured for super vertical strength. As such, part of the expensive cost of labor for regular CMU is exchanged to add concrete mix and rebar with VOBB block which stays on the job when it is finished.

Labor cost 30 cents for an 18" VOBB



A VOBB wall in-progress



A VOBB basement wall on the river



Pouring in the dry concrete mix directly into the cavity



VOBB blocks being used to build columns

VOBB HOME

A 3,100 sq. ft. home with all interior and concrete block - Lafayette, Louisiana



Start with one row of VOB blocks



The corners are dry-stacked first



A level must be used to have a straight wall



The exterior wall is dry-stacked



Use a string for the middle between the corners



Garage interior view



Rafters installed as viewed from the interior



Front view with rafters

exterior walls built with VOBB



The roof is installed



Front entrance before the columns are built



The front columns with 18" VOBB



Insulation is installed on the exterior walls



The drywall is installed directly on the VOBB



The brick is put up on the exterior



The front columns ready for stucco application



A happy VOBB couple

VOBB HOMES

Four homes built on the riverfront using VOBB blocks rather than piers - Baton Rou



Start with the first row and dry-stack a corner



A VOBB wall



VOBB columns for the porch and garage



Trusses being put up for the first floor



VOBB inventory



VOBB with the trusses up



VOBB wall ready for the windows



VOBB blocks being used for a basement

ge, Louisiana

**With the proper building design,
no VOBB blocks were cut on this job.**



VOBB walls and columns



VOBB blocks for a basement



VOBB blocks used for the porch support



Up close view of dry-stacked VOBB



SOLD – the most important word



Facing the river with 12" VOBB columns



Move-in complete with flowers planted



A three-car garage VOBB home

VOBB HOME

An exquisite 7,000 sq. ft. three-story home
- Hershey, Pennsylvania



Start with the corners(ends)



Use a level to set the doors



Working from the door frame



Wetting the blocks FIRST



Pouring in the dry cement mix
along with water from a hose



Spraying in water as needed
and mixing inside the cavity



A whole wall viewed from
the top



Use shims if needed -
cheap & simple



A proud VOBB worker



Building a window well



Trained in less than two hours



Window well completed



The most important part is
the design on a 6" grid



Stairs to be built with VOBB



VOBB inventory

SUCCESSFUL VOBB PROJECTS

A first class BBQ pit with fireplace - Houma, Louisiana



Bring on the beef, pork, chicken and fish



Great for the family



Even the kids enjoy it

BBQ pit next to the golf course - Corpus Christi, Texas



Simple, strong & affordable



Beautiful



Mother & daughter did all of the work

Oilfield wash-pit - Lafayette, Louisiana



Simple, strong & affordable



The contractor's seven year old son helped



Ready for oilfield workers

Stairs & privacy wall for an antique shop - Lafayette, Louisiana



A commercial meat / fish packing plant - Lafayette, Louisiana



Starting with the corner



Interior and exterior wall



Full height of wall

VOBB IS SIMPLE, STRONG AND AFFORDABLE

VOBB Roller for quality height control



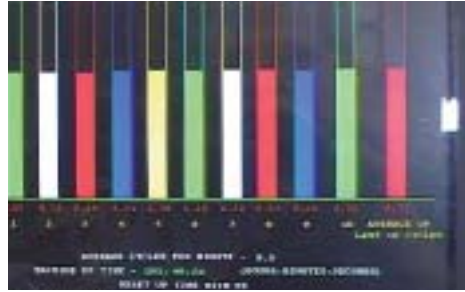
Front view after the brush



Back view before the lift



Full view with floor adjustments



Besser Dynapak at 9.5 cycles per minute

Engineering tests



Special wall - all cells filled & two rebars in each cell
(Tested to the equivalent of 585 mph wind force)



Four-foot lintel tested



Seven-foot lintel tested up to 20 tons

Two-story duplex - Houma, Louisiana



Six-inch height - simple and easy to learn



Trusses for second floor



Two-story VOB dry-stacked twenty feet high, forty rows of 6" high VOB

For complete technical information, directions how to build, numerous construction photos with details, questions and answers, engineering tests, list of block producers, etc., please visit our web site at www.vobb.com
For personal service, please give us a call: (337) 781-0705, (337) 989-2200, Texas (281) 679-9357 or fax (248) 282-5175

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