

## D.L. George & Sons Mfg.

13321 Midvale Road, Waynesboro, Pa. 17268

Phone 717-765-4700 800-765-1246

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www.dlgeorge-sons.com

# Suspended Fast Exit Parallel Parlor



**The Suspended Fast Exit Parallel Parlor may well be the most efficient milking parlor on the market today. It is designed for maximum cow throughput, excellent cow positioning, ease of installation, fast cleanup, minimal maintenance and long-term durability.**

A key feature of this parlor is the suspended design. There are legs going down into the concrete only every twelve stalls. This means easy installation, easy cleanup and less chance of corrosion. The main suspension frame is made up of two lengths of 6" x 3" x 3/8" structural tubing, and each leg that carries the parlor is made up of two lengths of 6" x 6" x 3/8" structural tubing. After fabrication the structural tubing is coated with the same thermal spray galvanizing process that is used in many naval ships. The gates and stall dividers are made of 2" square high tensile strength tubing. This tubing is galvanized at the mill and it is structurally stronger and has better corrosion resistance than 2" galvanized pipe. Curbing and gutters are made of 11ga material and are available in either stainless steel or galvanized steel. There's no question its built tough.

The parlor also features D. L. George & Sons Mfg.'s patented brisket restraint system which allows different-sized cows to fit in the parlor and still be within easy reach of the operator without expensive mechanical indexing.

The individual exit gate in front of each cow opens at a slight angle to direct the cow towards the exit. This improves cow throughput. The gate also separates the cows from one another as they are exiting which is important for cow safety.

The UHMW (Ultra-High Molecular Weight Polyethylene) sequencing paddle provides a solid gate-like effect which makes it easier to train the cows.

Optional features on the parlor include individual release so the operator can release a specific cow to improve herd management and individual indexing for complete flexibility in positioning cows or for mixed herds of Holsteins and Jerseys.



The compact nature of parallel parlors and the efficiency of D. L. George & Sons Mfg. stalls in particular provide significant direct savings in labor costs. In many situations we have been involved in, the labor savings alone have provided a payback of the investment in less than two years.

### What Our Customers Say:

North Florida Holsteins  
Bell, FL  
904-463-7174, 904-463-7926

Double 40 Parlor  
Don Bennink, Dave Sumerall: "We're milking 2700 cows 3 times a day so efficiency is a real key. At 400 cows per hour we're getting the efficiency we need. Cow positioning is excellent. The D. L. George & Sons Mfg. parlor is the most maintenance-free parlor I've ever used."

Leuken's Dairy Farm  
Birdseye, IN  
812-389-2163  
Double 20 Parlor

Kenny, Paul and Dennis: "Our parallel parlor has turned out to be a much better way of milking cows than we had even hoped. Ease of milking for the operators and efficiency of the parlor is much better than a

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## Key Design Specifications

### Materials:

All 2" Square tubing is 12 ga, with galvanized finish

Main Support Columns 6" x 6" Square tube with thermal spray galvanized finish

Intermediate Support Columns 6" x 2" Rectangular tube with thermal spray galvanized finish

Stall Section Beams 6" x 3" Rectangular tube with thermal spray galvanized finish

All other steel components have either thermal spray galvanized finish -or-  
2 part corrosion resistant paint finish

Curb and Gutter are either 11 ga Galvanized sheet or 11 ga Type 409 Stainless Steel

Sequencing Gate frame is Square Tubing with galvanized finish

Sequencing Gate Paddle is 1/2" thick UHMW

Height Recommended	96"
Minimum Height For Standard Configuration	87"
Minimum with Modifications	78"
Length of Parlor recommended	29" x # of stalls plus 24"
Length of Parlor Minimum	29" x # of stalls plus 12"
With Entrance Gate	Add 12"
Width of Cow Platform Recommended	15.5 feet
Width of Cow Platform Minimum (small parlor only)	11 feet
Stall width recommended	29" ctr-to-ctr
Stall width minimum	29" ctr-to-ctr

### Options available (custom pricing)

Shroud on back of gutter to mount equipment in

Smaller stalls for Jersey cows

Rounded bar on exit gate

Stainless grate to keep cows tails out of gutter

Slide-type entrance gate

Swinging type entrance gate

Custom shapes on curbing

Custom shapes on gutter

Splash shield with no gutter

Custom paint colors

Custom controls packages

**D.L. George & Sons Mfg.**

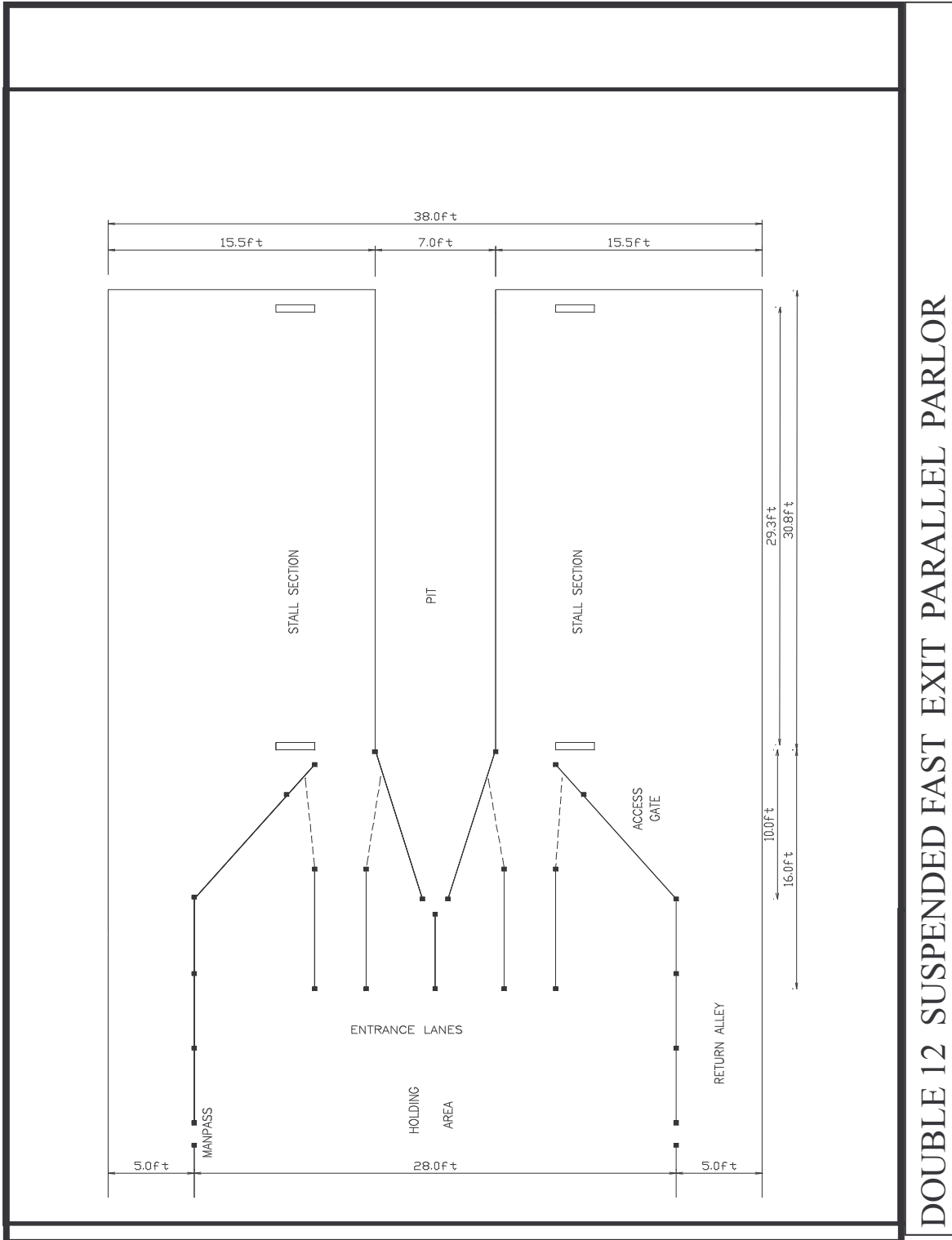
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DOUBLE 12 SUSPENDED FAST EXIT PARALLEL PARLOR

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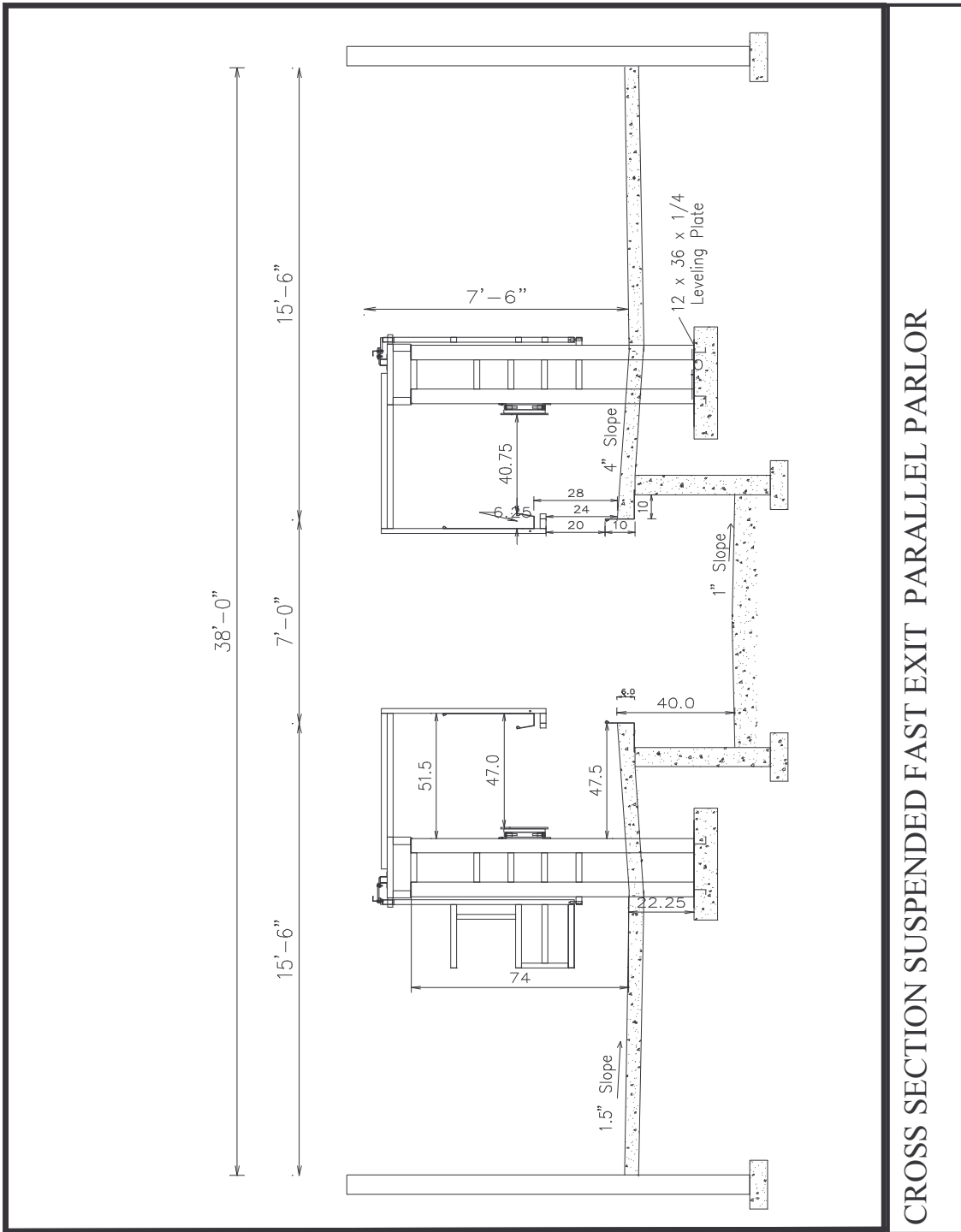
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## Features and Benefits

<u>Feature</u>	<u>Benefit</u>
Parallel Design	Less facilities space and reduced environmental cost over time (heating, air conditioning)
Suspended design	Ease of installation, ease of cleanup, less places for corrosion to start
Stall sections assembled at plant	Ease of installation, reduced installation time and expense
Kick rail below gutter	Operator safety
Elevated Gutter	Catches most manure before it hits the floor, keeps parlor cleaner
Restrains cows at the brisket shorter	Better cow positioning. Cows that are shorter in length are generally shorter in height so cows will come in contact with the brisket rail sooner than tall cows. This design will automatically move the shorter cows back against the gutter within easy reach of the operator.
Group indexing	Allows for groups of smaller cows such as heifers to be indexed back together
Individual release option	Operator can easily separate one cow from the rest for better herd management
Individual indexing option	Operator can position each cow individually, not usually required unless operator is especially small or mixed herd of holsteins and jersey's
Structural tubing legs and suspension system	Structural strength is much greater than 4" pipe, long term durability
High tensile strength square tubing	Better strength and corrosion resistance than 2" pipe, since tubing is square it is much easier to weld than round pipe and you can expect greater durability at weld joints.
Cantilevered curbing	Ease of installation. Keeps milk lines and meters etc. out of the way of the operator.
UHMW Bushings on gates	No lubrication required means lower maintenance and greater long-term durability
UHMW Sequencing paddle	Provides solid gate-like effect to make training cows easier. Very easy to clean
Stainless Springs on paddle	Springs are internally mounted for low maintenance.
Air or hydraulic operating units	Allows flexible installation alternatives
Factory supervised installation option	Ease of installation, reduced installation cost. Take advantage of years of experience with parallel parlor installations to handle those 'unique' challenges