

D.L. George & Sons Mfg.

13321 Midvale Road, Waynesboro, Pa. 17268

Phone 717-765-4700 800-765-1246

Fax 717-765-4734

www.dlgeorge-sons.com

Vertical Lift Rapid Exit Indexing Parallel Parlor



If you are looking for a rapid exit parallel parlor but you don't need individual release and individual indexing capabilities the Vertical Lift Rapid Exit Indexing Parallel Parlor offers an economical alternative.

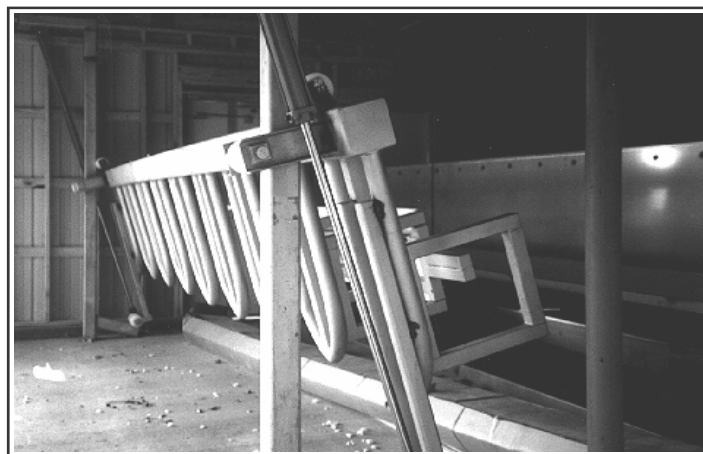
A key feature of this parlor is the suspended design. There are legs going down into the concrete only every twelve stalls. This means easy installation, easy cleanup and less chance of corrosion. The main suspension frame is made up of 6" x 6" x 3/8" structural tubing to which a yolk is welded for each stall. The leg that carries the parlor is made up of 4" square 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 is raised and lowered with a 10HP hydraulic power unit that provides enough capacity to raise and lower the stalls very quickly. The suspension system is guided up and down by UHMW (Ultra High Molecular Weight Polyethylene) rollers for long term durability and no lubrication. The parlor features a gang indexing capability that is very straightforward with a minimum of mechanical parts. To index the cows just retract the cylinder a little farther and the suspension system is tilted slightly to push the cows gently back towards the operator.

The stall is raised and lowered using a single hydraulic cylinder and a heavy duty chain hoist mechanism. There are very few mechanical parts to maintain.

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

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:

Leroy, Nona and Mark Deputy
East Berlin, PA
717-432-3844
Double 8 Parlor

We're glad we made the investment. It makes us that much more efficient and the whole parlor fits in a room 27' by 37'. We really like the stainless steel shroud which covers the pipes and wires. We like to keep the parlor clean and the shroud really helps.





Key Design Specifications

Materials:

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

Main Support Columns 4" x 4" Square tube with thermal spray galvanized finish

Stall Section Beam is 6" x 6" 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 2" Square Tubing with galvanized finish

Sequencing Gate Paddle is 1/2" thick UHMW

| | |
|---|----------------------------|
| Height Recommended | 108" |
| Minimum Height For Standard Configuration | 102" |
| Length of Parlor recommended | 27" x # of stalls plus 24" |
| Length of Parlor Minimum | 26" x # of stalls plus 4" |
| With Entrance Gate | Add 12" |
| Width of Cow Platform Recommended | 14.5 feet |
| Width of Cow Platform Minimum (small parlor only) | 11 feet |
| Stall width recommended | 27" ctr-to-ctr |
| Stall width minimum | 26" ctr-to-ctr |

Options available (custom pricing)

Shroud on back of gutter to mount equipment in

Smaller stalls for Jersey cows

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

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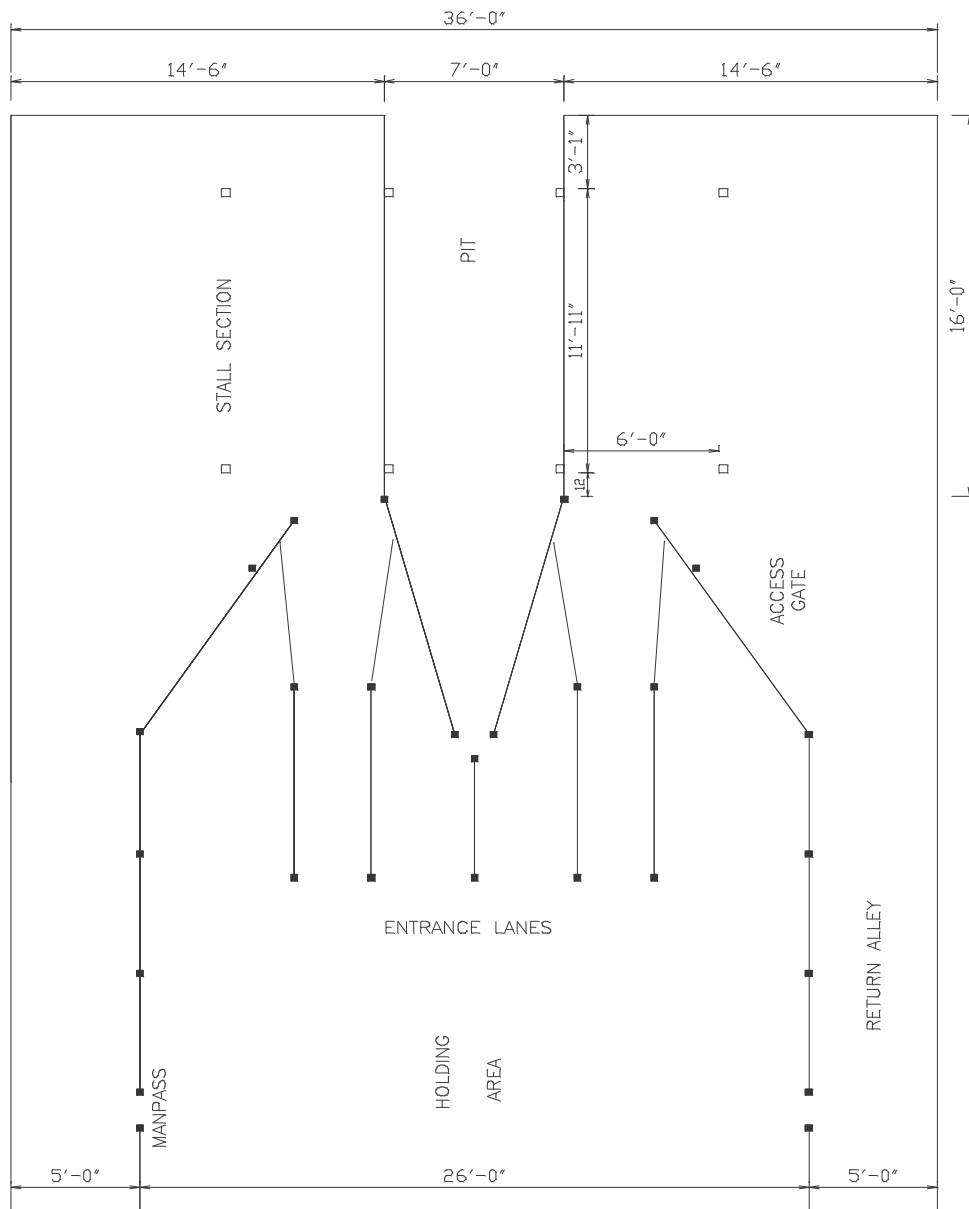
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DOUBLE 5 VERTICAL LIFT RAPID EXIT PARALLEL PARLOR

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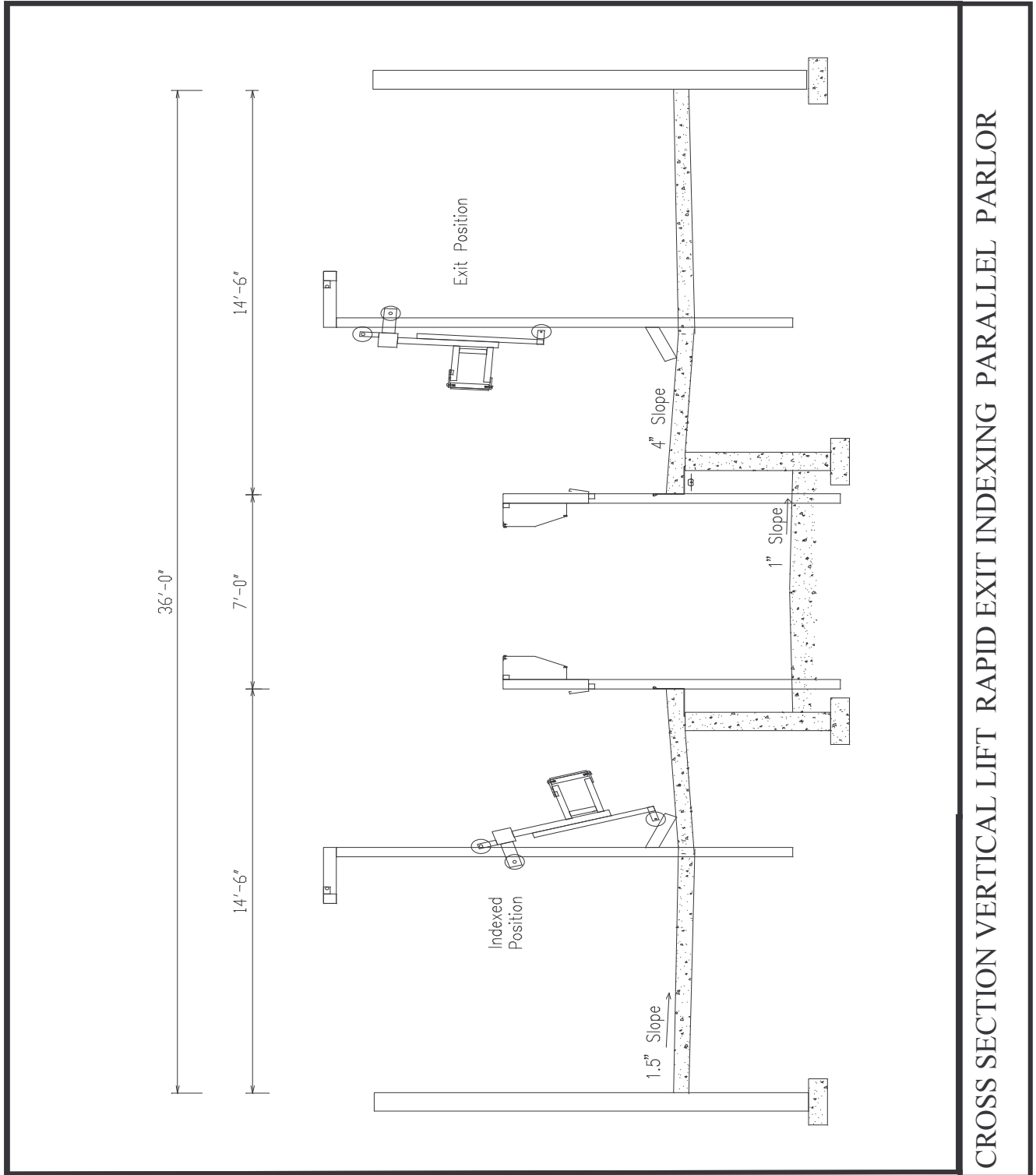
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Features and Benefits

| <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 |
| Group indexing | Allows for groups of smaller cows such as heifers to be indexed back together |
| 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 | Positive paddle return. |
| 10 HP hydraulic operating unit | Allows faster exit and reloading of cows |
| 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 |
| 27" Stall Centers | Compact design means less walking for the operator |
| Vertical Lift Design | Allows narrower cow platform. Cows do not have to walk far before stalls can be lowered to reload which improves milking throughput. |