ACHIEVE REAL BENEFITS from INTEGRATED WAREHOUSE DESIGN APPROACH

The following thoughts aim to demonstrate how you can achieve best business outcomes in the design of a new warehouse, or distribution centre.

DETAILED ASSESSMENT OF THESE THINGS:

- Supply chain strategy
- Parts range and physical profile
- Transaction levels
- Stock levels
- Growth projections
- Best practice in storage equipment, materials handling equipment & technology
- Operational processes & business process re-engineering
- Traffic flows & traffic management
- Inter-relationships with other buildings – materiel & personnel

INFLUENCES DESIGN DECISIONS REGARDING:

- Warehouse layout and fitout
- Site master planning
- Warehouse size, shape, height
- Building orientation
- Building structure interfaces (*examples - interface between structural columns with warehouse fitout; warehouse slab specification, including flatness / levelness spec*)
- Services interfaces (*examples – electrical; mechanical services*)
- Door numbers, sizes & locations
- Warehouse yard planning

ACHIEVING THESE DIRECT BENEFITS:

- Achieve optimum business performance outcomes from the project – through a best matching of the design solution to the business needs
- Lower facility capex or lease costs
- Higher long-term operational productivity
- Safer operation
- Lower project risk and business risk

Footnote:

Supply Chain Services Australia has structured methodologies developed over many years that have been applied to the design of many dozens of warehouses; achieving best business outcomes for the warehouse operator.

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