Hybrid Construction

WHEN DO YOU USE HYBRID CONSTRUCTION?

Hybrid Construction is an economical alternative to "conventional" steel structures that can exceed the capabilities of traditional Pre-Engineered building systems due to loads imposed by:

- Bridge Cranes
- Monorails
- Industrial Equipment
- Mezzanines
- Building Heights
- Large Building Spans

ADVANTAGES OF HYBRID CONSTRUCTION

Cost savings up to 30% and greater on some projects when compared to “conventional” steel design.

Shortened time frame for design and construction

- Reduces design time allowing for faster construction starts.
- Faster erection reduces the cost of field labor
- Faster erection allows earlier occupancy resulting in additional revenue for the end user

TUBING PLANT - 100 FT. WIDE AISLE

VP BUILDINGS
VARCO-PRUDEN

TUBING PLANT - LACED COLUMNS

VP BUILDINGS
VARCO-PRUDEN

VP BUILDINGS
VARCO-PRUDEN

STEEL PROCESSING FACILITY

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STEEL PROCESSING FACILITYSTRUCTURAL FRAMING SYSTEMS

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STEEL ROLLING MILL

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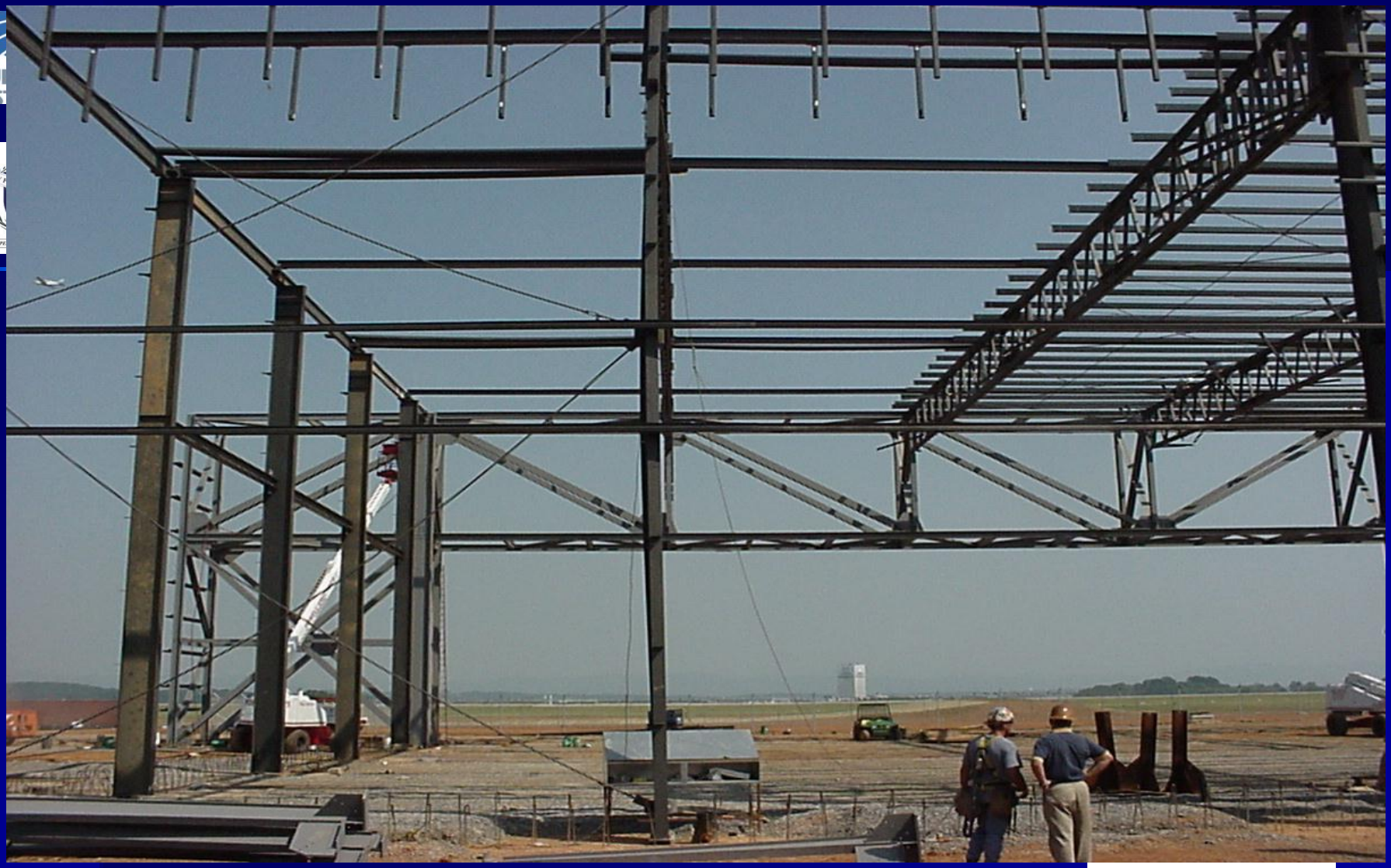
ROLLING MILL AND REHEAT FURNACE

Continental Express Hangar
Knoxville, Tennessee

VP BUILDINGS
VARCO-PRUDEN



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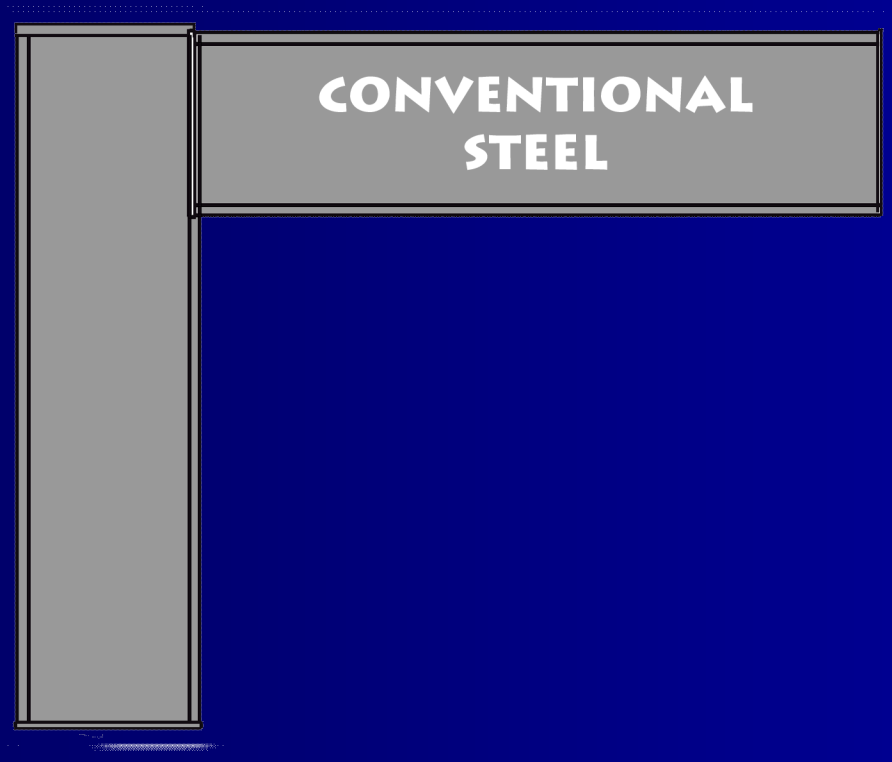
Structural Steel Beam Compared to Pre-engineered Beam of Equivalent Strength



HYBRID CONSTRUCTION

- ECONOMICAL ALTERNATIVE TO "CONVENTIONAL" STEEL CONSTRUCTION
- FASTER DESIGN AND ERECTION TIME FRAME
- EARILER OCCUPANCY DATE RESULTING IN ADDITIONAL INCOME FOR END USER
- SINGLE SOURCE FOR DESIGN AND FABRICATION OF COMPLETE BUILDING STRUCTURE AND ENCLOSURE