The Gillen Composite Tower

(GC TOWER)

Designed and managed by Tulane Graduates

TULANE GREEN WAVE
ADVANTAGES OF A GC TOWER SITE OVER A TRADITIONAL SITE

LET’S COMPARE

• Reduction in land usage

• Deep foundations are reduced or totally eliminated

• Carriers’ construction costs eliminated

• Carrier’s receive revenue faster

• Architecturally enhanced to match surrounding environment
Traditional Site

100’ x 100’ Site
Security fence required
Deep foundations
$240,000 Cost /carrier
4 Carriers

Carrier’s Cost
$130,000: Revenue
$50,000: Building
$60,000: Construction
$240,000: Final Cost

Security fence required to protect outdoor equipment
Drilled shafts or piles required for uplift forces

100’ x 100’ Site

Security fence required to protect outdoor equipment

Drilled shafts or piles required for uplift forces

Carrier #1
Carrier #2
Carrier #3
Carrier #4

$240,000 Cost /carrier

Engineering, construction and permitting.
3 Months downtime = $130,000 lost revenue

Modular Building = $50,000
Construction Cost = $60,000
Deep foundations
$240,000 Final Cost
50' x 50' Site
- Fencing not required
- Deep foundation reduced
- $0 Cost /carrier
- 8 Carriers

100' x 100' Site
- Security fence required
- Deep foundations
- $240,000 Cost /carrier
- 4 Carriers

Base reactions distributed towards outer perimeter of building structure

Tower attached to building columns above roofline

Secured 2 story building. Fencing not required

16' x 16' room with HVAC provided to carrier
Carrier can move within 1 week
No construction or permitting required
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