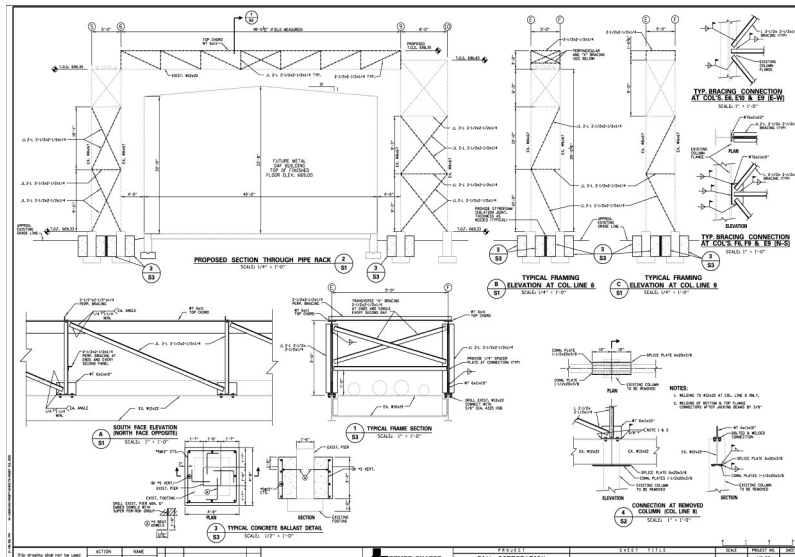


DIAL GLYCERIN DISTILLATION EXPANSION—MONTGOMERY 2014



Creative Reuse of Pipe Rack Infrastructure



Allowed Dissolved Air Flotation Building Project To Meet Schedule and Budget

Client: VVF Illinois Services, LLC

Rempe-Sharpe prepared foundation and supporting frame design for proposed glycerin still tank at the VFF Plant in Montgomery, IL.

Rempe-Sharpe:

- ◆ Coordinated VVF Project Manager to overview project approach and concept.
- ◆ Reviewed soil borings, clearances from adjoining building and outlined constructability issues and cost impacts.
- ◆ Reviewed alternatives and responded to structural engineering questions and issues.
- ◆ Generated structural calculations for foundations.
- ◆ Designed/coordinated tank piers with the tank fabricator to reuse existing anchor bolts .
- ◆ Re-used existing mat and piers from existing tank; processed building permit;
- ◆ Assisted through bid cycle in responding to any contractor questions/issues in interpreting plans and specifications
- ◆ Conducted site visits to review construction project.

Project provided optimal “Fit” of new process / de-aeration building into densely developed plant area, saving 31% off other alternate scheme.

Construction Cost: \$1,627,000

REFERENCE:

Larry Hagemeyer
630.801.4633

