

## CONSTRUCTABILITY REVIEW



### **THIS REVIEW IDENTIFIES CHALLENGES IN THE FOLLOWING AREAS:**

- Suitability of work sequence, interface relationships, and periods of performance.
- Adequacy of lead times for material and equipment procurement.
- Accuracy of job-site description and depiction of conditions.
- Accuracy check of plan references and detailing.
- Degree of site restrictions and adequacy of access, work areas and disposal sites.
- Availability of utility connections for construction.
- Consideration of the impact of adverse weather on the CPM schedule and milestone operations.
- Impact upon and plans for pedestrian and vehicular traffic and ongoing operations.



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### UPDATE THE PRELIMINARY SITE PLAN

We provide additional logistics guidelines and detail to the site plan which includes:

- Location of temporary buildings, lunchrooms, etc.
- Location of temporary gas lines and power services.
- Assist entitlement team in utility company negotiations with respect to permanent utility relocations.
- Material storage areas.
- Access roads and gates.
- Temporary fencing and gates.
- Location and boom radius of crane, personnel, personnel/material hoist, saws, concrete pumps, and all other construction equipment.
- Delivery and unloading areas (e.g. concrete, precast, rebar, structural steel, etc.) including traffic flow.
- Prefab and precast areas (if required).
- Subcontractors' offices and storage areas.
- Consultant's office, testing labs, etc.
- Footprint of the building, existing street, overhead lines, fire hydrant, vaults, traffic signals, bus stops, other buildings, utilities (e.g. gas, water, sewer) and items to be protected (e.g. trees).
- Worker access gates.
- Worker parking during construction.
- Safety/first aid locations including emergency meeting place and safety bulletin board.
- Hazardous Storage (e.g. gasoline, oxygen, acetylene, PCB's, paint, etc.)
- Outline of excavation/shoring.
- Property lines.
- Special Conditions (phased areas, prohibited areas, environmental issues, dewatering, etc.).
- Emergency shut-offs.
- Public protection, safety, and, if impacted, flow (pedestrian/vehicle) around the project.