

Shop Drawings Required for New Developments

Gravity Collection System

- shoring and bracing
- bedding/initial backfill material
- pipe and fittings
- steel casing (if necessary)
- manholes
 - mix design including admixtures
 - riser rings, frames and covers
 - external seal wrap
 - drop connections
- bypass pumping plan (if necessary)

Pump Station and Force Main

- shoring and bracing
- bedding and backfill material
- wet well
 - mix design including admixtures
 - joint seal and external seal wrap
 - top showing block outs for hatch and all pipe penetrations
 - hatch
 - vent pipe
- pipe and fittings (discharge and force main)
- steel casing (if necessary)
- valves
 - check valve with limit switch
 - full port plug valve
 - air release/vacuum valve
- tapping sleeve and valve (if necessary)
- pumps
- coatings
 - discharge and vent piping, fittings and valves
 - wet well
- electrical and instrumentation