



**LEGEND**

- Existing Water Line
- Proposed Water Line
- Existing Contour Line
- Proposed Contour Line
- Limits Of Construction
- Property Line
- Existing Fence
- Existing Structure
- Existing Tree
- Proposed Box Culvert
- Existing Valve
- Plugged End

**GENERAL NOTES**

1. Contractor shall demolish existing structures on-site and on the adjacent property as directed by Engineer and Section 02227 of the Specifications.
2. ★ Denotes items, dimensions, and forming techniques that may be changed per qualified tank manufacturer.
3. Contractor shall restrict construction to between 7:00 AM and 6:00 PM Monday thru Friday, 8:00 AM and 6:00 PM Saturday, unless otherwise approved by the Engineer. No work will be allowed on Sunday.
4. The Contractor shall plan his work sequence in a manner that will cause the minimum interference with traffic during construction operation. Access to facilities must be maintained at all times throughout the duration of the construction.
5. Prior to the start of construction, it is the responsibility of the Contractor to determine the location of all utilities, whether or not shown on the plans. The Contractor shall also become familiar with any proposed adjustments to be made by the utility owners and extend full cooperation. Under no circumstances will a claim for extras, due to delay caused by various utility companies, be allowed.
6. Any costs resulting from Contractor damages to utilities shall be the responsibility of the Contractor.
7. The Contractor shall notify the Engineer prior to any construction of drainage facilities and paving.
8. All elevations are based on U.S.C. and G. Datum; USC and G. Bench Mark #E-921 is a bronze disc in the vertical wall of the Old Addison School Building (Magic Time Machine Restaurant), elevation 650.61 feet. New bench marks have been established along the project (shown on site plan sheet). The Contractor shall establish new bench marks as needed or before removal of the existing markers.
9. Prior to start of any excavation, Contractor shall have laid out (horizontally and vertically) all components of the project and have received approval from the Engineer before proceeding. The Contractor shall be responsible for all alignment and elevation control. The Contractor shall provide the Engineer a "cut sheet" prior to beginning any excavation or embankment, indicating all "cuts and fills" as required on the project.
10. Engineer and Town of Addison Landscape Department shall establish limits of construction.
11. Contractor is responsible for the site grading and placement of all fills and embankments as shown. The maximum slope allowed for embankments is 3:1. The fill and embankment shall be placed according to the specifications.

**Drainage Criteria**

$Q_{100} = C I_{100} A$ , Rational Method  
 Where  $Q_{100}$  = 100 Year Storm  
 C = Runoff Coefficient, 0.9  
 $I_{100}$  = Intensity Of 100 Year Storm, Tech Paper #40  
 A = Drainage Area  
 $Q = (0.9)(11.6)(34.9) = 364$  c.f.s.

**6'x4' Box Culvert Curve Data**

|    |  |
|----|--|
| C1 | $\Delta = 12^{\circ} 00' 00''$<br>R = 290.00'<br>L = 60.73'<br>T = 30.48'  |
| C2 | $\Delta = 22^{\circ} 31' 06''$<br>R = 200.00'<br>L = 78.60'<br>T = 39.82'  |
| C3 | $\Delta = 20^{\circ} 00' 00''$<br>R = 290.00'<br>L = 101.23'<br>T = 51.13' |

**Benchmarks:**  
 TBM #1 "□" Set on N.E. corner concrete water valve vault located 70' ± north of N.W. property corner. ELEV. 608.44  
 TBM #2 "□" Set on front porch of church at 5555 Celestial Road. ELEV. 577.95



|   |              |                  |               |
|---|--------------|------------------|---------------|
| No.   | Revision     | By               | Date          |
| TOWN OF ADDISON<br>DALLAS COUNTY, TEXAS                 |              |                  |               |
| <b>6 MG CELESTIAL ROAD STORAGE TANK</b>                 |              |                  |               |
| <b>SITE PLAN</b>  |              |                  |               |
| <b>GINN, INC.</b><br>Consulting Engineers Dallas, Texas |              |                  |               |
| Designed - RCH  | Drawn - ALA  | Date - FEB. 1986 | Job No. - 215 |
| Approved - HWG  | Checked - GF | Scale - 1" = 30' | Sheet 1 of 8  |