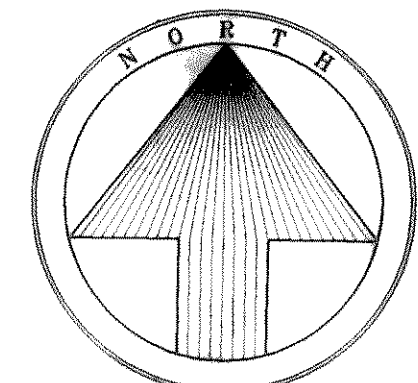
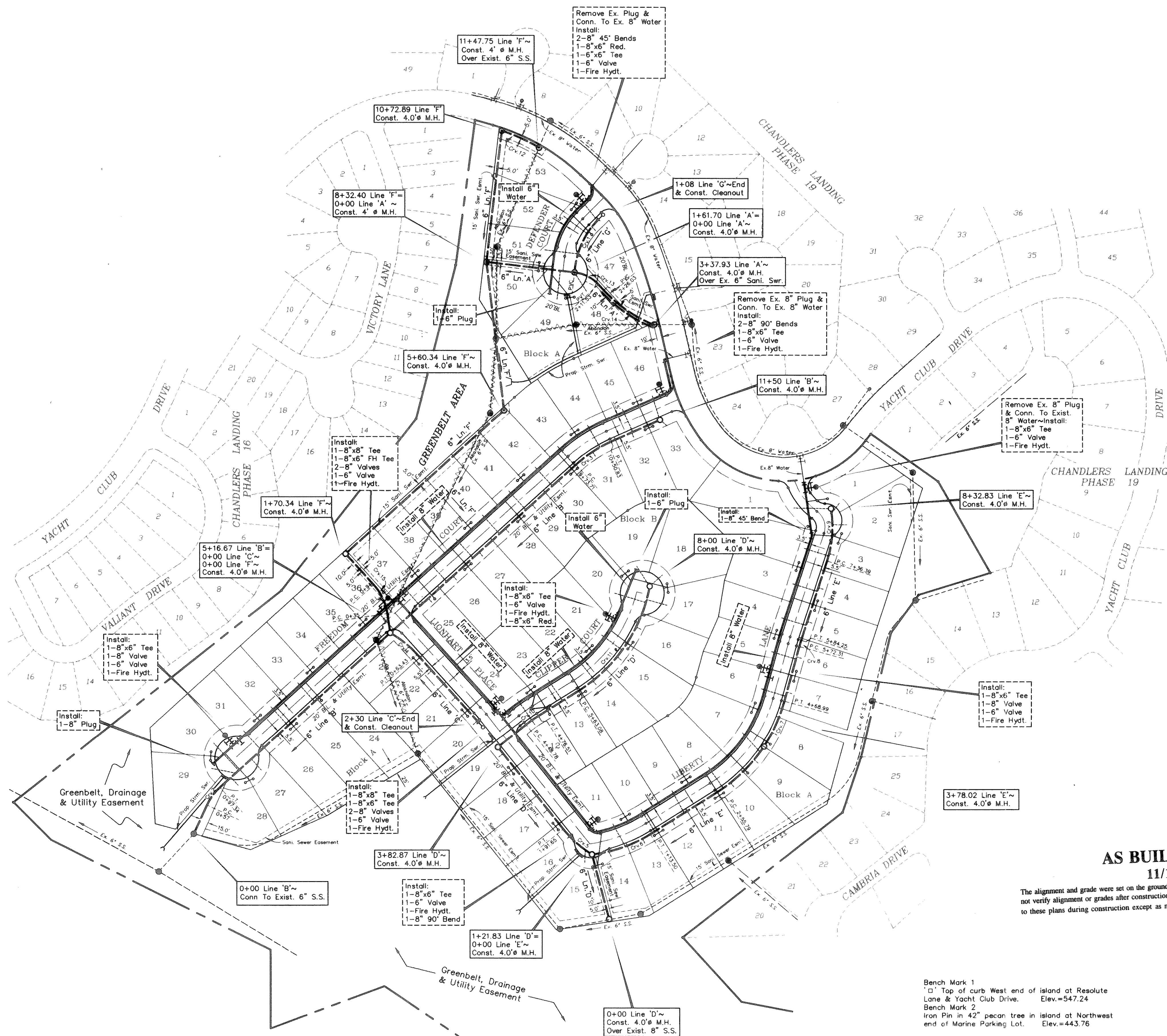


## Sanitary Sewer Curve Data

|                                                                    |                                                                   |                                                                   |                                                                   |                                                                   |                                                                    |                                                                     |                                                                  |                                                                   |                                                                    |                                                                         |                                                                   |                                                                    |                                                                     |                                                                    |
|--------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------|
| Crv.1<br>A = 41°22'50"<br>R = 150.00'<br>T = 56.65'<br>L = 108.33' | Crv.2<br>A = 23°06'47"<br>R = 100.00'<br>T = 20.45'<br>L = 40.34' | Crv.3<br>A = 18°04'22"<br>R = 244.50'<br>T = 38.88'<br>L = 77.12' | Crv.4<br>A = 18°01'15"<br>R = 200.00'<br>T = 31.98'<br>L = 63.43' | Crv.5<br>A = 20°00'11"<br>R = 200.00'<br>T = 35.27'<br>L = 69.82' | Crv.6<br>A = 26°02'04"<br>R = 250.00'<br>T = 57.80'<br>L = 113.60' | Crv.7<br>A = 42°38'11"<br>R = 286.50'<br>T = 111.81'<br>L = 213.20' | Crv.8<br>A = 02°47'56"<br>R = 244.50'<br>T = 5.97'<br>L = 11.94' | Crv.9<br>A = 27°37'38"<br>R = 200.00'<br>T = 49.17'<br>L = 96.44' | Crv.10<br>A = 06°28'51"<br>R = 244.50'<br>T = 13.88'<br>L = 27.73' | Crv.11<br>A = 47°22'51"<br>R = 286.50'<br>T = 125.71'<br>L = 226.36.92' | Crv.12<br>A = 11°20'51"<br>R = 70.00'<br>T = 37.55'<br>L = 74.86' | Crv.13<br>A = 40°47'02"<br>R = 250.00'<br>T = 26.02'<br>L = 49.83' | Crv.14<br>A = 25°38'41"<br>R = 250.00'<br>T = 56.90'<br>L = 111.90' | Crv.15<br>A = 33°48'16"<br>R = 100.00'<br>T = 30.39'<br>L = 59.00' |
|--------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------|



100 50 0 100 200  
SCALE FEET



## GENERAL NOTES

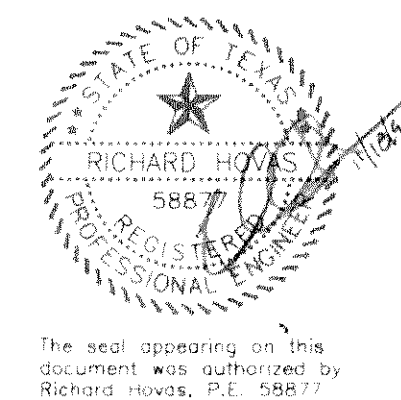
- All water lines shall be PVC Class 150 DR 18. Alternate may be D.I. Class 51 with Polywrap.
- All water lines to have 42" minimum cover below approved street grades as required to clear other utilities.
- All water services to be 1" polyethylene 200 PSI SDK bullheads located on the lot line with cut-offs 3'-6" behind curb.
- All sanitary sewer laterals shall be 4" and located in the center of the lot, unless otherwise shown on plans.
- All water mains shall pass a four (4) hour 200 psi pressure test in accordance with the City of Rockwall Specifications. Test to be made by the Contractor.
- The Contractor shall record the location of all water and sewer services relative to lot corners. He shall also record any additions, deletions, or revisions to the plans which take place in the field. This information is to be furnished to the Engineer immediately after installation for the purpose of preparing "as-built" plans.
- Meter boxes will be supplied by the City, & installed by the Contractor.
- The Contractor shall be responsible for coordinating line and grade for all water, sanitary sewer, and storm sewer and appurtenances. The Engineer shall furnish this information upon request.
- Plastic tape for utility to be attached to the end of all water and sewer service lines, and extended above ground level. The tape shall meet the following specifications.
  - "Allen Marking Tape" or equal
  - Toll marked continuously "Caution - Water Line" or "Caution - Sewer Line"
  - Six (6) inches in width
  - Red tape for sewer services
  - Blue tape for water services
- All existing underground facilities, such as existing water lines, sanitary sewer lines, gas lines, storm sewer lines, telephone conduits, electrical conduits, etc., that might conflict with our proposed underground facilities must be uncovered and the location verified with the Contractor prior to any underground construction for this project. The Engineer shall assist the Contractor in determining locations and elevations of these existing underground facilities.
- Ductile iron pipe shall be used at all utility crossings, 10 feet on each side.
- Where ductile iron pipe is used at utility crossings, pipe shall be Class 51 with Polywrap.

CAUTION !!!  
EXISTING UTILITIES

EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH HORIZONTALLY AND VERTICALLY THE LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO CONSTRUCTION. TO TAKE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

AS BUILT PLANS  
11/15/95

The alignment and grade were set on the ground for construction per the plans. The engineer did not verify alignment or grades after construction. We are not aware of any changes or revisions to these plans during construction except as noted.



Bench Mark 1  
"D" Top of curb West end of island at Resolute Lane & Yacht Club Drive. Elev.=547.24  
Bench Mark 2  
Iron Pin in 42" pecan tree in island at Northwest end of Marine Parking Lot. Elev.=443.76

## WATER &amp; SEWER PLAN

## CHANDLERS LANDING PHASE 15

City of Rockwall, Rockwall County, Texas



TIPTON ENGINEERING, INC.

6330 Belt Line Rd. ~ Suite C ~ Garland, Texas 75043

| DESIGN    | DRAWN     | DATE    | SCALE   | NOTES | FILE | NO. |
|-----------|-----------|---------|---------|-------|------|-----|
| t.e. inc. | t.e. inc. | 8/01/94 | 1"=100' |       | 4005 | 12  |