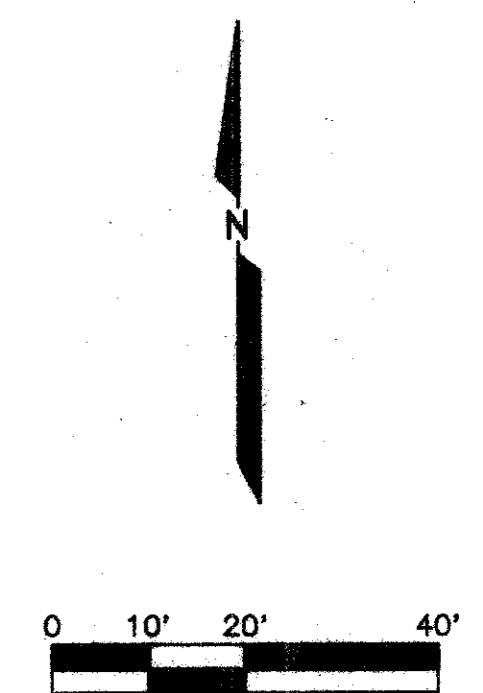
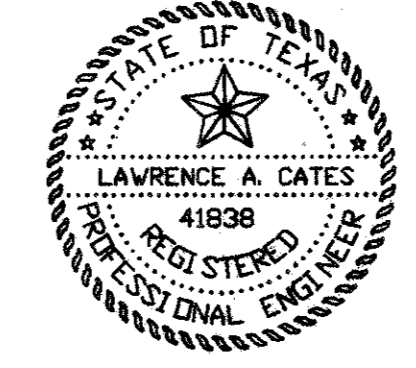


WATER LINE GENERAL NOTES

1. ALL WORK AND MATERIALS, UNLESS OTHERWISE NOTED, SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR TOWN OF ADDISON.
2. BASE BID - ALL 4", 6", 10" AND 12" WATER MAINS SHALL BE PVC ANNA C900 OR 18 CLASS 150 WATER PIPE. FOR PVC SERVICE TAPPING SADDLES SHALL BE USED.
3. ALL WATER MAINS SHALL HAVE MINIMUM COVER AS FOLLOWS: 6", 8", 10", AND 12" - 48" BELOW FINISHED PAVEMENT GRADE, OR 60" BELOW EXISTING OR FINISHED GRADE IN UNPAVED AREAS, OR AS REQUIRED TO CLEAR OTHER UTILITIES.
4. EXTEND WATER DEADHEADS AND SANITARY SEWER LATERALS BEYOND PROPOSED CURB AS SHOWN ON THE WATER PLAN.
5. FIRE HYDRANTS TO BE TOWN OF ADDISON APPROVED (MUELLER CENTURION MODEL).
6. VALVES TO BE TOWN OF ADDISON APPROVED.
7. THE WATER METER BOX SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AFTER THE PAVING CONTRACTOR HAS COMPLETED THE FINE GRADING BEHIND THE BACK OF THE CURB. EACH SERVICE LOCATION WILL BE MARKED ON THE PAVEMENT OR CURB, WITH A BLUE DOT BY THE UTILITY CONTRACTOR AND TIED TO PROPERTY CORNERS ON THE "RECORD DRAWINGS."
8. THE CONTRACTOR SHALL FURNISH A MAINTENANCE BOND TO THE TOWN TO RUN ONE (1) YEAR FROM THE DATE OF ACCEPTANCE OF THE SYSTEM BY THE TOWN.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING "RECORD DRAWING" PLANS TO THE ENGINEER SHOWING THE LOCATION OF WATER SERVICES AND VALVES.
10. FIRE HYDRANTS SHALL BE PAINTED AS PER TOWN OF ADDISON STANDARDS AND SPECIFICATIONS AND LOCATED IN A PROTECTED AREA WITH 6" CURB OR BOLLARDS.
11. STEAMER NOZZLES ON FIRE HYDRANTS SHALL BE 18" ABOVE THE TOP OF THE CURB ON FINISHED GRADE, AND SHALL FACE THE CENTER OF THE FIRE LANE OR STREET. FIRE HYDRANTS SHALL USUALLY BE LOCATED FOUR (4) FEET, BUT NOT LESS THAN TWO (2) FEET NOR MORE THAN SIX (6) FEET, BEHIND THE CURB.
12. ALL WATER LINES SHALL BE HYDROSTATICALLY TESTED PER TOWN OF ADDISON STANDARDS AND SPECIFICATIONS.
13. ALL WATER LINES SHALL BE STERILIZED PER TOWN OF ADDISON STANDARDS AND SPECIFICATIONS.
14. ALL METER BOXES SHALL BE LOCATED IN NON-TRAFFIC AREAS AND PROTECTED BY 6" CURB OR BOLLARDS.
15. THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING SUBSURFACE UTILITIES HAVE BEEN DETERMINED FROM RECORD DRAWINGS. THE CONTRACTOR SHALL VERIFY THAT NECESSARY CLEARANCES BETWEEN EXISTING AND PROPOSED UTILITIES EXIST PRIOR TO THE CONSTRUCTION OF ANY SUCH CROSSINGS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INVESTIGATE AS TO WHETHER ADDITIONAL FACILITIES EXIST.
16. UTILITY TRENCHES SHALL BE BACKFILLED WITH MATERIAL PER TOWN OF ADDISON SPECIFICATIONS (95% STANDARD PROCTOR DENSITY).
17. ANCHOR FITTINGS SHALL BE USED TO ATTACH FIRE HYDRANTS.
18. ALL MANHOLES, CLEANOUTS, VALVE BOXES, FIRE HYDRANTS, ETC., MUST BE ADJUSTED TO PROPER LINE AND GRADE BY CONTRACTOR AFTER PLACEMENT OR PERMANENT PAVING.
19. A NO. 12 PLASTIC COATED WIRE SHALL BE PLACED IN THE TRENCH OVER ALL WATER LINES. THE WIRE SHALL BE TIED TO ALL VALVES AND FIRE HYDRANTS AND ATTACHED DIRECTLY TO THE TOP OF PIPE AND EXTENDED TO SIX INCHES ABOVE FINISHED GRADE ALONG THE OUTSIDE OF ALL VALVE STACKS AND FIRE HYDRANTS.
20. ALL LOCATION DIMENSIONS SHOWN ARE CENTERLINE OF PIPE.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR TRENCH SAFETY DESIGN AND DETAILS AS REQUIRED, AND SHALL SUBMIT ENGINEERED DESIGN.
22. CONTRACTOR SHALL KEEP WATER AND ELECTRICAL SERVICES TO THE EXISTING LANDSCAPE MEDIANS IN SERVICE AT ALL TIMES DURING CONSTRUCTION. IF THE CONSTRUCTION OF THE PROJECT REQUIRES THE RELOCATION OF EXISTING CITY LANDSCAPE FACILITIES INCLUDING METERS, VALVES, LINES, ETC., THIS WORK WILL BE COMPLETED BY A LICENSED IRRIGATOR AND/OR ELECTRICIAN AT THE CONTRACTOR'S EXPENSE.



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY LAWRENCE A. GATES, P.E. 41838 ON MAY 27, 1993



|                                 |          |                                       |        |       |       |     |
|---------------------------------|----------|---------------------------------------|--------|-------|-------|-----|
| REV                             | DATE     | DESCRIPTION                           |        |       |       |     |
| 1                               | 07/07/93 | ADD DETECTOR CHECK                    |        |       |       |     |
| 2                               | 6/24/93  |                                       |        |       |       |     |
| 3                               |          |                                       |        |       |       |     |
| <b>FIRE HYDRANT PLAN</b>        |          |                                       |        |       |       |     |
| INTERNATIONAL HOUSE OF PANCAKES |          |                                       |        |       |       |     |
| LOT 2R, BLOCK A                 |          |                                       |        |       |       |     |
| TOWN OF ADDISON, TEXAS          |          |                                       |        |       |       |     |
| LAWRENCE A. GATES & ASSOC.      |          | CONSULTING ENGINEERS<br>DALLAS, TEXAS |        |       |       |     |
| DESIGN                          | DRAWN    | DATE                                  | SCALE  | NOTES | FILE  | NO. |
| LAC                             | LAC      |                                       | 1"=20' | D.P.  | TOMMY | C-7 |