

## WATER LINE SPECIFICATIONS AND REQUIREMENTS

|                  |                       |   |
|------------------|-----------------------|---|
| ANGLE VALVE      | FORD BA43342W         | 1" pack joint x 3/4" meter nut with screw set                 |
| CORPORATION STOP | FORD F1100            | 1" iron pipe x 1" pack joint with screw set                   |
| EMBEDMENT        | SAND ONLY             | 6" on bottom and 4" on top (minimum 36")                      |
| FIRE HYDRANT     | MUELLER               | Area standard with valve and 13" anchor swivel                |
| METER BOX        | 18x14                 | Sigma multi-rib plastic box with slot                         |
| PIPE             | PVC                   | SDR 21 Class 200 rubber ring<br>DR 14 Class 200 rubber ring   |
| SERVICE LINE     | POLY<br>LONG/SHORT    | SDR 9 with stainless steel inserts<br>1" service line per lot |
| MJ JOINT         | DUCTILE IRON          | Mega lugs on all  |
| TAPPING SADDLE   | POWER SEAL STYLE 3401 | All brass with iron pipe threads                              |
| VALVE            | MUELLER               | Resilient Seat  |
| VALVE STACK      | PVC                   | 6" with cast iron cap   |

**NO SUBSTITUTIONS**

Any questions, please contact Dwight Lindop at (972) 722-3203

## WATER COMPANY INSTALLATION INSTRUCTIONS

|                     |   |
|---------------------|---|
| SAND EMBEDMENT      | 6" on bottom and 4" on top  |
| TEE JOINTS          | Flange X mechanical joint valve<br><br>Mechanical joint X mechanical joint valve will require anchor coupling   |
| DEAD END MAIN       | If fire hydrant is installed at end of main, the valve will be installed prior to cul-de-sac or a minimum of 20' from hydrant.<br><br>If no fire hydrant at location, a mechanical joint plug will be installed into a 12" ductile iron sleeve. This sleeve will be installed on main as far as possible with mega lugs.  |
| WATER MAIN          | If all possible services and mains will be installed above all sewer mains and connections.<br><br>If water main or service line has to be installed under sewer main or connection, the water main or service line will be in casing. The open ends of casing will be a minimum of 9' from sewer main or connection.<br><br>All piping being installed under concrete will need to be in casing.<br><br>No bell and spigot joint will be installed within 10' of any mechanical joint. |
| LONG SERVICE        | Will be tapped at 90° centerline of pipe. All services will be in casing.   |
| SHORT SERVICE       | Will be tapped at 0 to 25° centerline of pipe.  |
| ANGLE VALVE         | Will be installed with meter nut positioned toward center of lot unless required different by water company inspector   |
| SERVICE LOCATION    | Will be installed in center of lot or as directed by inspector.<br><br>In cul-de-sacs and pie-shaped lots, the service locations will be determined by water company personnel or inspector prior to installation.  |
| METER BOXES         | Will be installed a minimum of 2" above grade level with angle valve positioned where meter nut is at top of notch in meter box   |
| LONG/SHORT SERVICES | No splicing of services are allowed. If service needs replacing, the angle valve and corporation can be reused, but will require new nut with set screw, rubber and new ring.   |