



**ALW - WATER DIVISION SEPARATION REQUIREMENTS ARE:**

1. ONE (1) FOOT MINIMUM VERTICAL SEPARATION OUTSIDE DIAMETER (O.D.) TO O.D. FROM ALL OTHER UTILITIES & OR ENCASEMENT.
2. TWO (2) FEET MINIMUM HORIZONTAL CLEARANCE O.D. TO O.D. FOR PARALLEL UTILITIES & OR ENCASEMENT.
3. BACKFILL 12-INCHES OF SAND (NOT LESS THAN 30) OVER THE TOP AND BOTTOM OF ALW WATER FACILITY. THE SAND BACKFILL SHALL BE BETWEEN THE CROSSING & SHALL BE COMPACTED TO 90% RELATIVE DENSITY BY WATER DENSIFICATION METHODS. NO FLOODING ALLOWED.
4. FOR STORM DRAIN FACILITIES, FOUR (4) FEET HORIZONTAL SEPARATION REQUIRED.
5. FOR SEWER FACILITIES SEE ALW STD. W-16. TEN (10) FEET HORIZONTAL FOR SEWER FACILITIES REQUIRED.
6. VERIFY OTHER UTILITY OWNERS SEPARATION REQUIREMENT, THE MOST STRINGENT SHALL APPLY.
7. WHERE MINIMUM SEPARATION/CLEARANCES CANNOT BE MET, UTILITY OWNER MUST SUBMIT A WRITTEN REQUEST TO ALW, WITH PROPOSED DESIGN FOR REVIEW AND APPROVAL BY ALW.
8. IF ALW EXISTING WATERLINE IS IN CONFLICT WITH PROPOSED UTILITY, THE PROPOSED UTILITY OWNER SHALL TAKE SOLE RESPONSIBILITY FOR COST INCURRED DUE TO ANY MODIFICATION, RELOCATION, OR ALTERATION OF ALW EXISTING FACILITIES CAUSED BY PROPOSED PROJECT TO THE SATISFACTION OF ALW - WATER DIVISION.



**WATER STANDARD**

**DRAWN:** M. BARBOSA  
**DATE:** 04-03-2013  
**SCALE:** AS SHOWN

**WATER UTILITY SPACING & CLEARANCES**

**APPROVED:** *Chet Anderson* 4 0 3 3 0 05/30/13  
ASSISTANT DIRECTOR - WATER OPERATIONS RCE NO. DATE

**DWG. NO.**  
**W - 19**  
**SHEET**  
**1 OF 1**