



NOTES:

1. NO OPEN CUTS ARE PERMITTED DURING IRRIGATION SEASON, MARCH 1 TO NOVEMBER 1. TUNNELING, BORING AND JACKING IS ALLOWED UNDER DRAINS AT ANY TIME THROUGHOUT THE YEAR.
2. MAINTENANCE OF ALL UTILITY CROSSINGS SHALL BE THE RESPONSIBILITY OF THE LICENSEE.
3. OVERHEAD UTILITY INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE LATEST ADDITION AND AMENDMENTS OF LOCAL AND STATE CODES. POWER LINES MUST BE INSTALLED A MINIMUM OF 30' ABOVE ANY DITCH, LATERAL OR DRAIN. TELECOMMUNICATION AND CABLE TV LINES MUST BE INSTALLED A MINIMUM OF 25' ABOVE ANY DITCH, LATERAL OR DRAIN.
4. ALL LINE POLES, GUY POLES AND GUY LINES SHALL BE OUTSIDE OF THE RIGHT OF WAY TO PREVENT INTERFERENCE WITH MAINTENANCE OPERATIONS.
5. STEEL PIPE SHALL BE USED IN PLACE OF PLASTIC PIPE AT WATERWAY CROSSINGS OR PLASTIC PIPE MAY BE CASED IN STEEL PIPE.
6. UTILITY CONDUITS SHALL NOT BE HUNG ON CHECKS, CULVERTS, SIPHON HEADWALLS OR FLUMES. TRUNK UTILITY CONDUITS MAY BE PERMITTED ON CONCRETE BRIDGES.
7. UNDER UNLINED WATERWAYS, A PROTECTED SLEEVE SHALL BE INSTALLED TO ALLOW A MINIMUM OF 3 FEET BETWEEN THE TOP OF THE SLEEVE AND THE DESIGN INVERT OR EXISTING BOTTOM OF THE WATERWAY (WHICHEVER IS LOWER).
8. BACKFILL FOR CUTS THROUGH WATERWAYS AND ADJACENT TO CULVERTS SHALL BE COMPACTED TO NOT LESS THAN 90% OF THE MAXIMUM DRY DENSITY OF THE SOIL AS DETERMINED BY THE ASTM PROCTOR TEST.
9. BENEATH LINED WATERWAYS, A MINIMUM OF 24 INCHES SHALL BE PROVIDED BETWEEN THE TOP AND THE BOTTOM OF THE WATERWAY LINING. BORING OR JACKING METHODS OF INSTALLATION SHALL BE USED TO MINIMIZE THE DISTURBANCE OF CONCRETE OR MEMBRANE-LINED WATERWAYS.
10. TUNNELING, BORING OR JACKING MAY BE ALLOWED UNDER CANALS, LATERALS AND PIPE CULVERT CROSSINGS WITH THE APPROVAL OF THE DISTRICT ENGINEER. THE CASING DIAMETER CANNOT EXCEED 6 INCHES.
11. LICENSEE IS RESPONSIBLE FOR REPAIRING ANY DAMAGES TO CANAL LININGS AND/OR PIPE CULVERT CROSSINGS CAUSED BY TUNNELING, BORING OR JACKING.
12. SEEDING OF DISTRIBUTED AREAS WITHIN DISTRICT RIGHT OF WAY IS REQUIRED PER DISTRICT SEEDING SPECIFICATIONS.



**MRGCD
STANDARD DETAIL
UTILITY 1**

REV	DATE	DESCRIPTION	CHKD
		LICENSE NO.	DATE
		MAP NO.	