

6.7.4 MANHOLES SHALL BE CONSTRUCTED AT MAJOR STORM DRAIN JUNCTIONS, PIPE DIAMETER CHANGES, AND AT MINIMUM 500' SPACING.



- 6.8. STORM DRAIN FACILITIES THAT ACCEPT STORMWATER FROM PUBLIC R/W SHALL BE OWNED AND MAINTAINED BY THE CITY. DEBRIS BASINS OR OTHER DRAINAGE IMPROVEMENTS ON PUBLIC OPEN SPACE LANDS SHALL BE MAINTAINED BY THE CITY OR OTHER PUBLIC AGENCY. NATURAL DRAINAGE COURSES ON PUBLIC OPEN SPACE LANDS ARE NOT MAINTAINED BY THE CITY.
- 6.9. STORM DRAIN FACILITIES TO BE MAINTAIN BY THE CITY THAT CROSS PRIVATE PROPERTY SHALL BE WITHIN A STORM DRAIN EASEMENT, MINIMUM 15' WIDE. FOR PIPELINES LARGER THAN 36" DIAMETER OR DEEPER THAN 10' TO INVERT, THE MINIMUM EASEMENT WIDTH SHALL BE 25'. ACCESS GATES AND ROADS SHALL BE PROVIDED FOR MAINTENANCE OF CITY FACILITIES ON PRIVATE PROPERTY.
- 6.10. STORM DRAIN FACILITIES WITHIN PRIVATE STREETS (GATED COMMUNITIES) OR ON PRIVATE PROPERTY THAT DO NOT CONVEY STORM RUNOFF FROM PUBLIC R/W SHALL BE OWNED AND MAINTAINED BY THE HOA OR PRIVATE PROPERTY OWNER. PRIVATE STORM DRAIN LATERALS SHALL BE CONNECTED TO THE PUBLIC MAINLINE AT MANHOLES. PRIVATE LATERALS MAY BE CONNECTED TO THE BACK OF PUBLIC CATCH BASINS ONLY UPON APPROVAL OF THE CITY ENGINEER. STORM RUNOFF ORIGINATING FROM PUBLIC OPEN SPACE LANDS THAT FLOWS ONTO PRIVATE PROPERTY OR PRIVATE STREETS MUST BE ACCOMMODATED BY THE PRIVATE PROPERTY OWNER OR HOA.
- 6.11. STORM DRAIN TESTING AND INSPECTION
 - 6.11.1 CONTRACTOR SHALL THOROUGHLY CLEAN OUT ALL STORM DRAIN SYSTEM COMPONENTS PRIOR TO FINAL INSPECTION BY THE CITY.
 - 6.11.2 DEVELOPER SHALL PERFORM A TV INSPECTION OF THE INTERIOR CONDITION OF ALL STORM DRAIN SYSTEM LINES PRIOR TO FINAL ACCEPTANCE. THE CAMERA/RECORDING SYSTEM USED SHALL BE SPECIFICALLY DESIGNED FOR TV INSPECTION OF UNDERGROUND PIPELINES AND STRUCTURES. A SET OF VIDEO TAPES OR DVDs, AND ACCOMPANYING REPORT, SHALL BE PROVIDED TO THE PUBLIC WORKS INSPECTOR FOR REVIEW. THE INSPECTOR REPORT SHALL NOTE THE PRECISE LOCATION AND INCLUDE A DETAILED DESCRIPTION OF ANY AND ALL MATERIAL AND/OR WORKMANSHIP DEFICIENCIES. AFTER COMPLETION OF ANY NEEDED REPAIRS, A TV RE-INSPECTION SHALL BE PERFORMED WITH TAPE/DVD AND REPORT PROVIDED PER ABOVE.

7. STEEL PLATES FOR OPEN TRENCHES

7.1. STEEL PLATES FOR ALL TRENCHES SHALL BE INSTALLED PER PLATE NOS. 8-18 AND 8-19

8. TRAFFIC CONTROL

8.1. TRAFFIC CONTROL IN CONFORMANCE WITH PLATE NOS. 8-15 AND 8-16 SHALL BE PROVIDED FOR ALL WORK PERFORMED WITHIN CITY R/W. FOR OTHER THAN STANDARD LANE CLOSURE, A TRAFFIC CONTROL PLAN SHALL BE PREPARED AND SUBMITTED TO THE CITY ENGINEER FOR APPROVAL 72 BUSINESS HOURS PRIOR TO COMMENCING ANY WORK.

| CHANGE | DESCRIPTION | DATE | INITIAL | APPROVED:  | DATE:  |
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| | | | | CITY ENGINEER | |