



| UTILITY | TYPICAL DEPTH OF COVER | MIN DEPTH OF COVER | MIN HORIZ SEPARATION | MIN VERT SEPARATION | MIN HORIZ SEPARATION FROM WATER | MIN VERT SEPARATION FROM WATER |
|-------------------|------------------------|--------------------|----------------------|---------------------|--|---------------------------------------|
| STORM DRAIN | 2' | 2' | 2' | 1.5' | 10' | 1.5' |
| SANITARY SEWER | 6' | 4' | 3' | 1.5' | 10' | 1.5' |
| WATER MAIN | 4' | 3.5' | 5' | 1.5' | N/A | N/A |
| RECLAIMED WATER | 5' | 5' | 5' | 1.5' | 10' | 1.5' |
| GAS MAIN *, ** | 3' | 2.5' | 6' | 2' | 6' | 2' |
| C.A.T.V. *, ** | 3' | 3' | PER UTILITY CO | PER UTILITY CO | 5' | 1.5' |
| ELECTRICITY *, ** | 5' | 5' | PER UTILITY CO | PER UTILITY CO | 5' | 2' |
| TELEPHONE *, ** | 3.5' | 3.5' | PER UTILITY CO | PER UTILITY CO | 5' | 1.5' |

* MINIMUM OR LOCAL UTILITY STANDARDS – WHICHEVER IS GREATER
 ** SEE NOTE 5

NOTES:

1. FOR COMMON TRENCH SECTION, SEE DETAIL, DWG. C-1.2.1. COMMON TRENCH WITH OTHER UTILITIES IS NOT ALLOWED FOR WATER, SEWER, RECLAIMED WATER OR STORMWATER.
2. DEPTHS OF COVER AND LOCATION OTHER THAN THOSE PROVIDED HEREIN ARE SUBJECT TO CARSON CITY DEVELOPMENT ENGINEERING & PUBLIC WORKS APPROVAL.
3. LOCATION AND DEPTH SHALL BE AS REQUIRED TO MEET THE REQUIREMENTS OF NAC CHAPTER 445A AND THE NDEP BUREAU OF SAFE DRINKING WATER VERTICAL CROSSING CONFLICTS SUMMARY.
4. DEPTH SHALL BE AS REQUIRED TO PROVIDE ADEQUATE CLEARANCE FROM OTHER UTILITIES AND TO SERVE UPSTREAM TRIBUTARY AREAS, AND TO MEET PROPER DESIGN REQUIREMENTS FOR DOWNSTREAM CONNECTIONS.
5. HORIZONTAL AND VERTICAL SEPARATIONS MUST BE PROVIDED UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.

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| NO. | REVISION | DATE | STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION | SECTION CARSON CITY |
| | NOTES & SEPARATIONS | 3/22 | TYPICAL UTILITY MAIN LOCATIONS | DRAWING NO. C-1.2.4 |
| | | | | DATE MAR 2022 |
| APPROVED BY: | | 3/22 | | |