



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	4'	3.5'	5'	1.5'	N/A	N/A
RECLAIMED WATER	5'	5'	5'	1.5'	10'	1.5'
GAS*	3'	2.5'	6'	2'	6'	2'
FRANCHISE CATV*	3'	3'	PER UTILITY CO	PER UTILITY CO	5'	1.5'
FRANCHISE ELECTRICITY*	5'	5'	PER UTILITY CO	PER UTILITY CO	5'	2'
FRANCHISE TELEPHONE*	3.5'	3.5'	PER UTILITY CO	PER UTILITY CO	5'	1.5'
CITY ELECTRICAL	3'	3'	2'	1.5'	5'	1.5'
CITY COMMUNICATIONS	4'	4'	2'	1.5'	5'	1.5'

* MINIMUM OR LOCAL UTILITY STANDARDS – WHICHEVER IS GREATER

NOTES: 1 2

- COMMON TRENCH WITH OTHER UTILITIES IS NOT ALLOWED FOR WATER, SEWER, RECLAIMED WATER OR STORM DRAIN. CITY ELECTRICAL AND CITY COMMUNICATIONS SHALL NOT BE PLACED IN A COMMON TRENCH WITH FRANCHISE CATV, TELEPHONE, AND ELECTRIC.
- DEPTHS OF COVER AND LOCATIONS OTHER THAN THOSE PROVIDED HEREIN ARE SUBJECT TO CARSON CITY DEVELOPMENT ENGINEERING AND PUBLIC WORKS APPROVAL. HORIZONTAL AND VERTICAL SEPARATIONS MUST BE PROVIDED UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
- LOCATION AND DEPTH SHALL BE AS REQUIRED TO MEET THE REQUIREMENTS OF NAC CHAPTER 445A AND THE NDEP BUREAU OF SAFE DRINKING WATER "GUIDANCE FOR AREAS REQUIRING MITIGATION FOR WATER AND SEWER SEPARATION."
- DEPTH SHALL BE AS REQUIRED TO PROVIDE ADEQUATE CLEARANCE FROM OTHER UTILITIES, TO SERVE UPSTREAM TRIBUTARY AREAS, AND TO MEET PROPER DESIGN REQUIREMENTS FOR DOWNSTREAM CONNECTIONS.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	NOTES & SEPARATIONS	3/22	TYPICAL UTILITY MAIN LOCATIONS	CARSON CITY
2	TABLE & NOTES	4/25		DRAWING NO. C-1.2.4
APPROVED BY: <i>DA</i>		4/25		DATE APR 2025