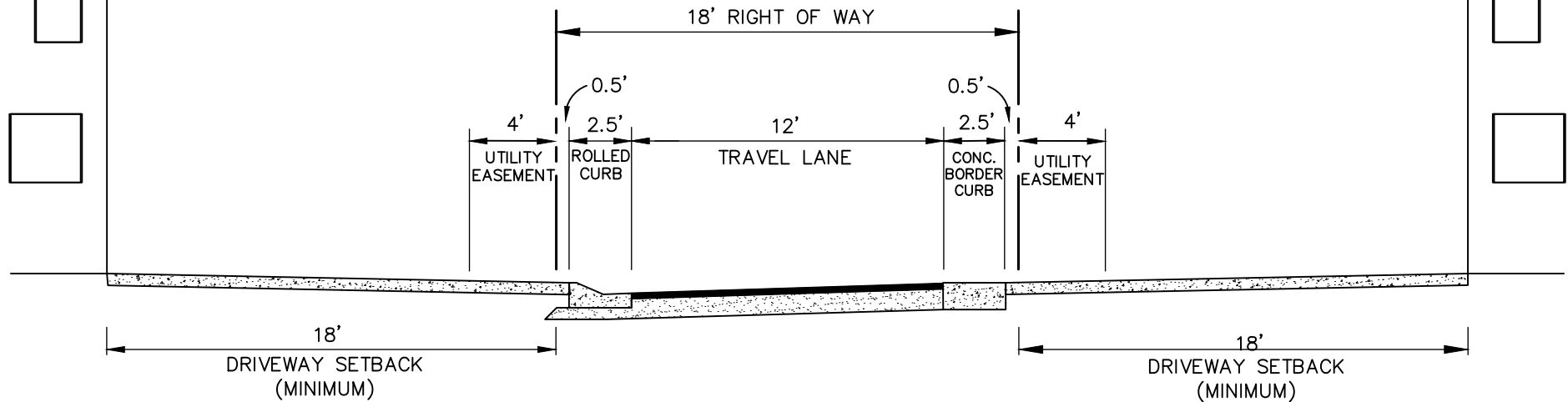


**18' RIGHT OF WAY
17' ROADWAY SECTION
SECTION VIEW**



MINIMUM PAVEMENT DESIGN
3" S9.5 C
8" A.B.C.

NOTES:

1. ALLEYS SHALL CONNECT TO OTHER ALLEYS OR STREETS; THEY SHALL NOT TERMINATE IN A DEAD END.
2. THIS CROSS-SECTION IS DESIGNED TO ONLY BE USED WHEN THERE IS A STREET ON THE OTHER SIDE OF THE UNITS.
3. CONCRETE BORDER CURB SHALL BE ON UPHILL SIDE OF ALLEY AND TO THE RIGHT SIDE OF THE DIRECTION OF TRAVEL.
4. SUPERELEVATION SHALL EQUAL 0.02' PER FOOT UNLESS OTHERWISE REQUIRED.
5. STORMWATER CATCH BASINS SHALL BE PROVIDED AS ILLUSTRATED ON DETAIL 3100.02.
6. PAVEMENT DESIGN SHALL BE REQUIRED AND APPROVED BY **NCDOT** (FOR NCDOT ROADS) AND/OR CARY PRIOR TO PLACEMENT OF ANY BASE MATERIAL.
7. PAVEMENT DESIGN SHALL BE AS SHOWN OR AS DESIGNED BY GEOTECHNICAL ENGINEER, WHICHEVER IS GREATER.
8. RECLAIMED WATER MAY NOT BE UTILIZED WITH THIS DESIGN.
9. THERE IS TYPICALLY ONLY ROOM FOR ONE PUBLIC UTILITY (WATER OR SANITARY SEWER) TO BE LOCATED IN THIS CROSS-SECTION. WATER IS STRONGLY PREFERRED DUE TO ITS SHALLOW DEPTH AND GREATER EASE OF MAINTENANCE.
10. DEPENDING ON PUBLIC UTILITY ALIGNMENT, ADDITIONAL EASEMENT MAY BE REQUIRED OUTSIDE OF THE RIGHT-OF-WAY. SEE STANDARD SPECIFICATION 7010.A.1.d FOR EASEMENT WIDTH REQUIREMENTS.

STANDARD ONE-WAY RESIDENTIAL ALLEY

DETAIL No.

3000.23



EFFECTIVE: 07/01/21