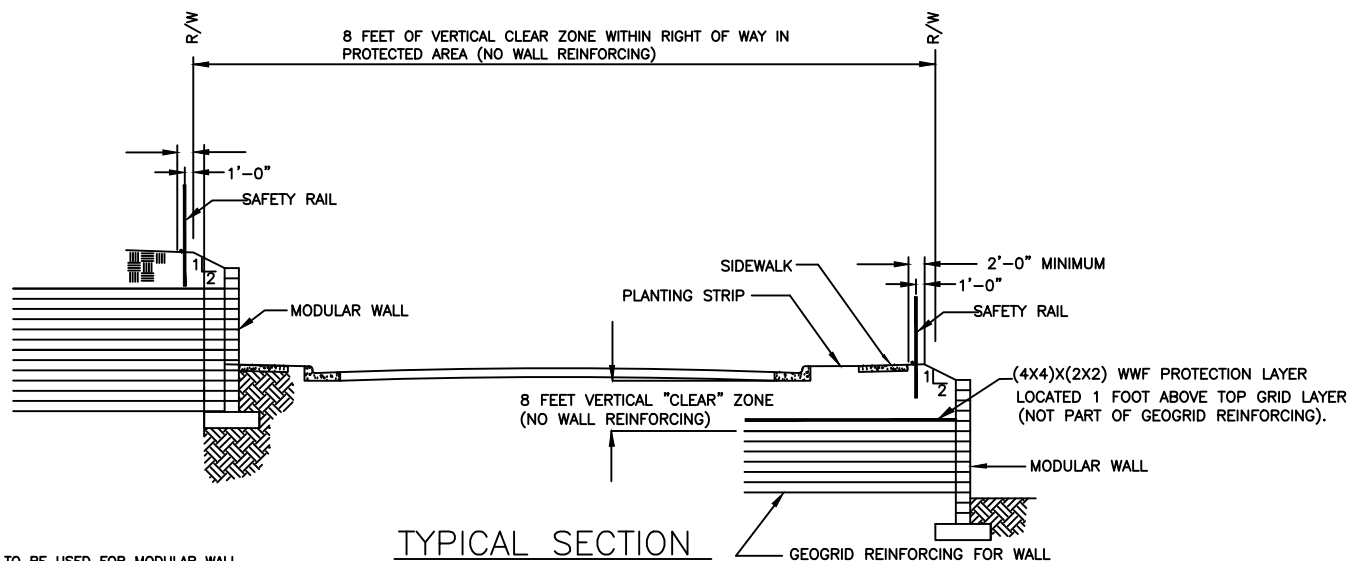


WARNING SIGN

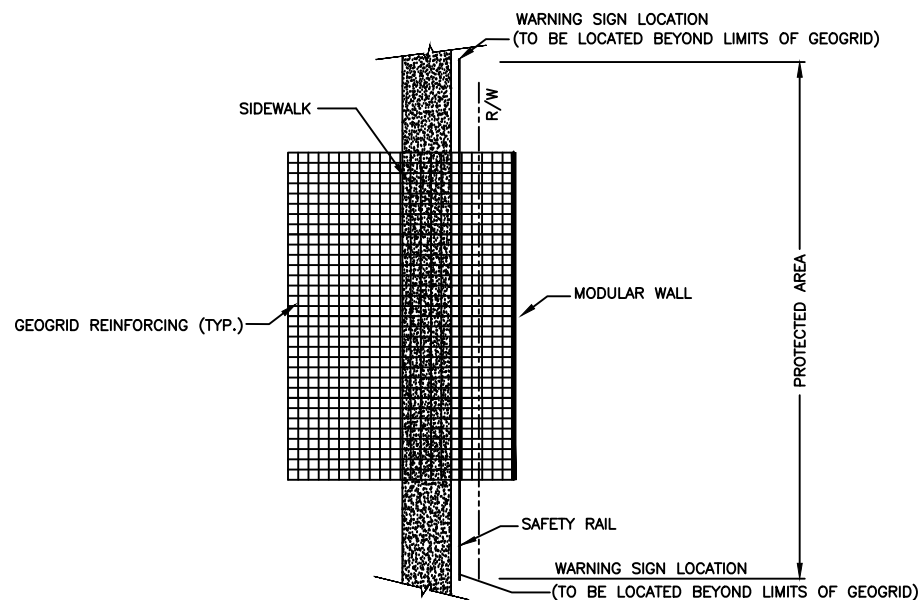
DETAIL

NOTES

1. THIS DRAWING ILLUSTRATES THE CONCEPTS TO BE USED FOR MODULAR WALL INSTALLATIONS REGARDING WARNING SIGN PLACEMENT, CLEAR SPACE REQUIREMENTS, GEOGRID PROTECTION, AND THE NEED TO OBTAIN AN ENCROACHMENT AGREEMENT PRIOR TO CONSTRUCTION. THIS DETAIL DOES NOT CONSTITUTE A STRUCTURAL DESIGN. FULL CONSTRUCTION PLANS FOR RETAINING WALLS MUST BE SEALED BY A PROFESSIONAL ENGINEER LICENSED IN NORTH CAROLINA AND SUBMITTED TO THE CITY DURING THE PLAN REVIEW PROCESS.
2. PLACEMENT OF ANY PORTION OF A MODULAR RETAINING WALL IN THE RIGHT-OF-WAY (R/W) SHALL REQUIRE AN ENCROACHMENT AGREEMENT TO BE EXECUTED WITH CDOT PRIOR TO CONSTRUCTION.
3. SAFETY RAILS SHALL EXTEND THROUGH THE PROTECTED AREA AND WARNING SIGNS SHALL BE ATTACHED TO THE SAFETY RAIL AT EACH END OF THE PROTECTED AREA.
4. ADDITIONAL MEASURE(S) MAY BE REQUIRED BY CDOT.
5. THIS DETAIL APPLIES ONLY TO STREETS MAINTAINED (OR TO-BE-MAINTAINED) BY THE CITY OF CHARLOTTE. THIS DETAIL IS NOT PERMITTED FOR USE ON NEW OR EXISTING NCDOT-MAINTAINED ROADWAYS.
6. CDOT PREFERENCES CAST-IN-PLACE REINFORCED CONCRETE WALLS WITH NO GEO-GRID OR TIEBACKS FOR WALLS IN OR NEAR THE PUBLIC RIGHT-OF-WAY.
7. CDOT PREFERENCES THAT ALL RETAINING WALLS AND APPURTENANCES BE LOCATED OUTSIDE OF THE R/W IN ORDER TO PROVIDE ADEQUATE SPACE FOR UTILITIES (AERIAL AND UNDERGROUND), LANDSCAPING, SIDEWALKS, AND OTHER ITEMS.
8. GEOGRID IS NOT PERMITTED IN STORM DRAINAGE EASEMENTS OR CLT WATER EASEMENTS, NOR IN THE PROXIMITY OF STORM DRAIN PIPES, OR WATER OR SEWER UTILITY LINES.



TYPICAL SECTION



PLAN VIEW

NOT TO SCALE



CITY OF CHARLOTTE
LAND DEVELOPMENT STANDARDS

MODULAR RETAINING WALLS
USING GEOGRID IN THE RIGHT-OF-WAY

STD. NO.	REV.
10.39	24