CONSTRUCT GEOFABRIC FILTER TYPE 5 BETWEEN TOPSOIL AND WALL BACKFILL (INCIDENTAL)

ATTACH MODULAR CAP BLOCK TO MODULAR BLOCK WITH CONCRETE ADHESIVE.

6" TOPSOIL WITH SODDING TYPE LAWN

CONCRETE MODULAR BLOCK

1/2" EXPANSION JOINT WITH CAULKING

SUITABLE GRADING MATERIAL (12" DEPTH FROM TOP OF WALL)

FINE FILTER AGGREGATE (12" THICK)

4" PERFORATED DRAIN PIPE. CONSTRUCT OUTLETS AT END OF WALL AND AT 40' INCREMENTS.

SUITABLE GRADING MATERIAL

6" THICK AGGREGATE BASE CLASS 5 LEVELING PAD

NOTES:

1. ALL RETAINING WALL BLOCK MUST BE MnDOT CERTIFIED FOR DURABILITY.

2. MODULAR BLOCK RETAINING WALL HEIGHT IS MEASURED FROM THE TOP OF THE AGGREGATE BASE LEVELING PAD TO THE TOP OF THE CAP BLOCK.

3. THE CONTRACTOR SHALL VERIFY LIMITS AND DIMENSIONS OF MODULAR BLOCK RETAINING WALL WITH THE ENGINEER PRIOR TO CONSTRUCTION.

4. CAULKING SHALL BE DOW CORNING 888 GRAY SILICON JOINT SEALANT, OR APPROVED EQUAL AND MUST BE INSTALLED PER THE MANUFACTURER’S RECOMMENDATIONS.

5. DRAIN TIE SYSTEM AND GEOGRID SHALL BE CONSTRUCTED PER RECOMMENDATIONS OF WALL MANUFACTURER. NO ADDITIONAL COMPENSATION WILL BE PAID FOR CONSTRUCTION OF DRAIN TIE OR GEOGRID.

6. ALL LABOR, MATERIALS, AND EQUIPMENT TO FURNISH AND INSTALL THE MODULAR BLOCK RETAINING WALL SHALL BE PAID PER BID ITEM 2411, "MODULAR BLOCK RETAINING WALL." PIPE DRAIN, AGGREGATE BASE LEVELING PAD, FINE FILTER AGGREGATE, CAULKING, EXPANSION JOINT MATERIAL, EXCAVATION, AND BACKFILL SHALL BE INCIDENTAL.