



REINFORCED SOIL SLOPE NOTES

1. THE GEOGRID USED IN THE REINFORCED SOIL SLOPE SHALL BE UNIAXIAL GRID COMPOSED OF HIGH TENACITY POLYESTER, HIGH-DENSITY POLYETHYLENE, OR HIGH-DENSITY POLYPROPYLENE.
2. THE GEOGRID SHALL BE RESISTANT TO ULTRAVIOLET DEGRADATION, INERT TO BIOLOGICAL DEGRADATION, AND RESISTANT TO NATURALLY ENCOUNTERED CHEMICALS.
3. THE GEOGRID SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT AND SHALL MEET THE FOLLOWING REQUIREMENTS:
4. THE GEOGRID REINFORCEMENT SHALL BE PLACED AS SPECIFIED IN SECTION 612, REINFORCED SOIL SLOPE, OF THE SPECIAL PROVISIONS. MATERIAL MEETING THE REQUIREMENTS OF SECTION 703.04, GRANULAR BORROW, SHALL BE USED FOR BACKFILL AND SHALL BE INCLUDED IN THE PRICE PAID FOR THE REINFORCED SOIL SLOPE.

PROPERTY	REQUIREMENT	TEST METHOD
ULTIMATE REINFORCEMENT TENSILE STRENGTH, T_u	1500 lb./ft.	GRI GG-1
COEFFICIENT OF INTERACTION, C_j	0.7 (MIN)	GRI GG-5
COEFFICIENT OF INTERFACE FRICTION BETWEEN SOIL AND REINFORCEMENT, w_p	0.5 (MIN)	ASTM D 5321

REINFORCED SOIL SLOPE MATERIALS:
SEE SPECIAL PROVISIONS

NOT TO SCALE

DETAIL FOR CONSTRUCTION OF REINFORCED SLOPES

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