SOIL PROTECTION CHART

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
PERMANENT SEEDING			A			**	**		**			
DORMANT SEEDING	B									B		
TEMPORARY SEEDING			C					D				
SODDING			**									
MULCHING	F		E									

** IRRIGATION NEEDED DURING JUNE, JULY + SEPTEMBER

** ** IRRIGATION NEEDED FOR 2 - 3 WEEKS AFTER PLACEMENT

A. CREEPING RED FESCUE 50 LBS/ACRE PLUS DOMESTIC RYE GRASS 30 LBS/ACRE PLUS KENTUCKY BLUEGRASS 50 LBS/ACRE

B. KENTUCKY BLUEGRASS 135 LBS/ACRE PLUS PERENNIAL RYEGRASS 45 LBS/ACRE PLUS 3 TONS STRAW MULCH PER ACRE

C. PERENNAL RYE OR TALL FESCUE 19 PER 1000 SF. OATS 3# PER 1000 SF.

D. RYE, WHEAT OR PERENNAL RYE GRASS 3# PER 1000 SF TALL FESCUE 1# PER 1000 SF

E. KENTUCKY BLUEGRASS OR CANADIAN BLUEGRASS

F. STRAW MULCH 2 TONS PER ACRE (PERMANENT SEEDING AREAS)
STRAW MULCH 4 TONS PER ACRE (TEMPORARY SEEDING AREAS)
NOV. 2 THROUGH FEB. 28

General Notes:

Preexisting vegetation shall be retained on idle portions of the building lot for as long as construction operations allow. Clearing shall be done so only active working areas are bare.

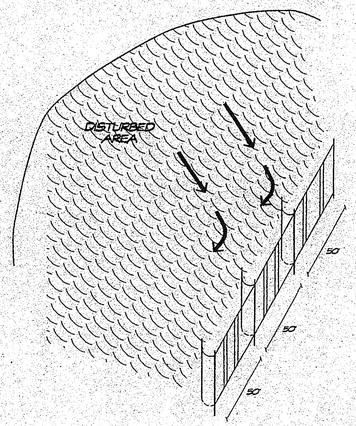
Temporary seed (annual rye, oats, etc.) and/or mulch shall be applied to areas, such as stockpiles, that are bare and not actively being worked. This shall apply to areas that will not be reworked for 14 days or more. Areas adjacent to wetlands and streams shall have temporary seed applied to areas that will not be reworked for 2 days or more.

Stockpiles excavated from basements shall be situated away from streets, swales, or other waterways and shall be seeded and/or mulched.

Silt fence shall control sheet flow runoff from the building lot. It shall not be constructed in channels or areas of concentrated flow. Other sediment controls such as inlet protection and sediment traps shall also be used as needed to control sediment runoff.

Construction vehicle access shall be limited to one route, to the greatest extent practical. The access shall be gravel or crushed rock applied to the driveway area.

Mud tracked onto the street or sediment settled around curb inlet protection shall be removed daily or as needed to prevent it from accumulating. It shall be removed by shoveling and scraping and shall NOT be washed off paved surfaces or into storm drains.



INSTALLATION OF SILT FENCE LENGTHS
NOT TO SCALE

SILT FENCE

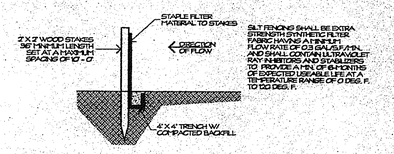
Prior to beginning topsoil removal operations, the Contractor shall install silt fencing where indicated on the plans. Silt fencing shall be extra strength synthetic filter fabric having a minimum flow rate of 0.3 gal/sq.ft./minute and shall contain ultraviolet ray inhibitors and stabilizers to provide a minimum of six (6) months of expected usable construction life at a temperature range of 0 deg. F. to 120 deg. F.

Stakes for filter barriers shall be 2" x 2" wood or 1.33 lbs. per lin.ft. steel with a minimum length of three (3) feet and shall be set at a maximum spacing of ten (10) feet. Height of silt fence shall not exceed thirty-six (36) inches. Filter fabric shall be anchored into a four (4) inch deep trench on the upslope side of the barrier.

Silt fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized. Silt fences and filter barriers shall be inspected immediately after each rainfall and daily during prolonged rainfall. Any required repairs shall be made immediately.

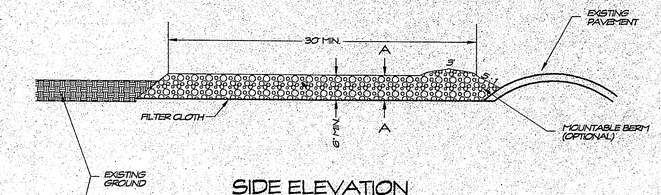
Should the fabric on a silt fence or filter barrier decompose or become ineffective prior to the completion of permanent stabilization of the area upslope of the filter, the fabric shall be replaced promptly at the Contractor's expense.

Sediment deposits should be removed when deposits reach approximately one-half the height of the barrier. Any sediment deposits remaining in place after the silt fence or filter barrier is no longer required shall be dressed to conform with the existing grade, prepared, seeded and mulched.

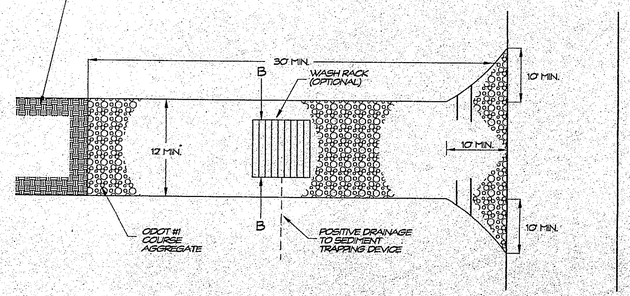


SILT FENCE - LOCATIONS SHOWN ON THE SITE PLAN.

FILTER BARRIER DETAIL
NOT TO SCALE

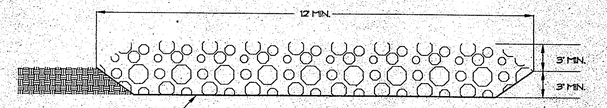


SIDE ELEVATION

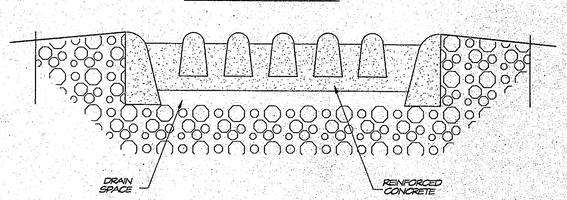


PLAN VIEW

STONE CONSTRUCTION ENTRANCE
NOT TO SCALE



SECTION A - A



SECTION B - B

ISSUED FOR BIDDING
DATE BY

ADDENDA REVISIONS

NO.	DATE	BY

ISSUED FOR CONSTRUCTION
DATE BY

REVISIONS

NO.	DESCRIPTION	DATE	BY

TOPOGRAPHIC SURVEY & SITE IMPROVEMENT PLAN FOR

RODAK RESIDENCE

BEING PART OF SUBLOT NOS. 16 & 17 IN THE SANCTUARY SUBDIVISION - PHASE 1

THE VILLAGE OF KIRTLAND HILLS

LAKE COUNTY, OHIO

LESSMAN, BENDER & ASSOCIATES
Engineers - Surveyors - Planners
330 Dorwing Drive
Canton, Ohio 44024
Phone: (440) 286-7204
56 River Hill Road S.E.
Fort Washington, Ohio 43837
Fax: (440) 286-3335

DATE: OCT. 05 | DRAWN BY: S.J.L.
CHECKED BY: MWB | JOB NO.: 06-263
SCALE: AS NOTED

SHEET TITLE: SITE IMPROVEMENT PLAN
RODAK RESIDENCE

SP-2