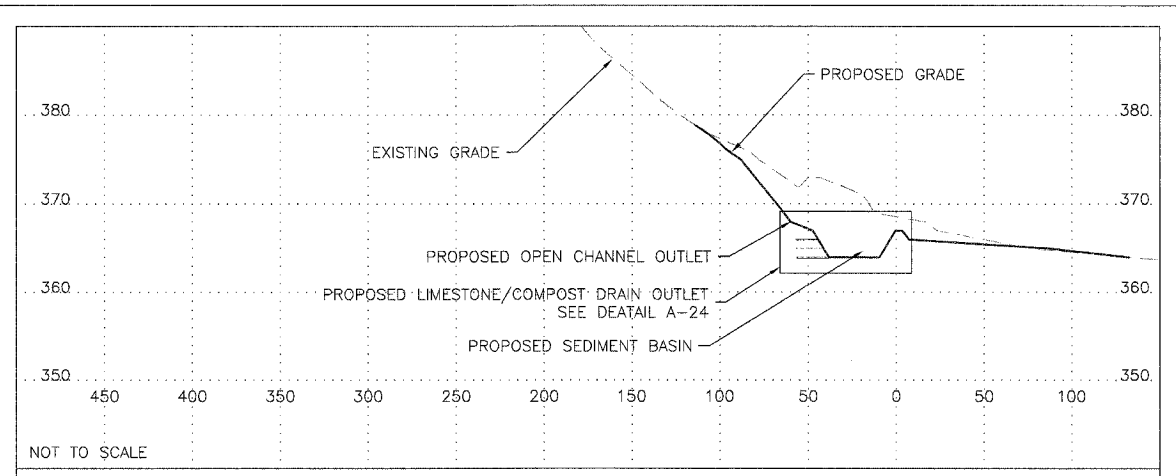
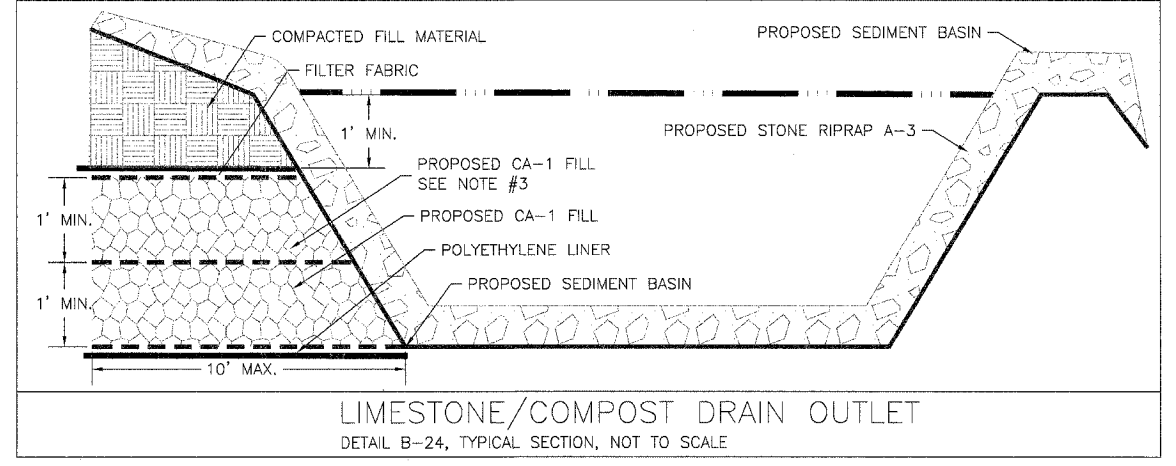


LIMESTONE/COMPOST DRAIN
DETAIL A-24, TYPICAL CROSS SECTION, NOT TO SCALE



- NOT TO SCALE
- NOTES:
1. THE LIMESTONE/COMPOST DRAIN SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 615 OF THE SPECIAL PROVISIONS.
 2. THE HIGHWALL SIDE AND BASE MUST BE CLEAR OF ALL DEBRIS AND SEDIMENT, TO THE SATISFACTION OF THE ENGINEER, PRIOR TO THE LIMESTONE/COMPOST DRAIN INSTALLATION. NO UNSUITABLE MATERIAL WILL BE ALLOWED WITH IN THE LIMESTONE/COMPOST DRAIN CORRIDOR, AS DIRECTED BY THE ENGINEER. ANY COST ASSOCIATED WITH THE REMOVAL OF UNSUITABLE MATERIAL PRIOR TO THE LIMESTONE/COMPOST DRAIN PLACEMENT, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT PRICE FOR EARTH EXCAVATION.
 3. COMPOST/CA-6 LAYER SHALL CONSIST ON A 50% MIXTURE. MIXING OF THESE MATERIALS SHALL BE DONE ON SITE, AND TO THE SATISFACTION OF THE ENGINEER.
 4. THE CA-6/COMPOST LAYER SHALL BE CEASED AT A MAXIMUM DISTANCE OF 10 FEET FROM THE PROPOSED DRAIN OUTLETS. FROM THE POINT WHERE THE CA-6/COMPOST LAYER STOPS, THE LIMESTONE/COMPOST DRAIN TRENCH SHALL BE FILLED WITH CA-1 TO THE PROPOSED OUTLETS.
 5. THE LIMESTONE/COMPOST DRAIN SHALL AT ALL TIMES BE COVER BY A MINIMUM OF 4 FEET OF COMPACTED FILL MATERIAL. THIS MATERIAL SHALL BE COMPACTED ACCORDING TO SECTION 205 OF THE SPECIAL PROVISIONS.
 6. THE LIMESTONE/COMPOST DRAIN FLOW LINE MUST HAVE A SLIGHT FALL TOWARD THE PROPOSED OUTLETS, TO THE SATISFACTION OF THE ENGINEER.
 7. THE PROPOSED VENT SYSTEM SHALL HAVE A SOLID RISER A MINIMUM OF 4 FEET ABOVE PROPOSED GRADE. THIS RISER SHALL HAVE A SCREW ON CONNECTOR TO FACILITATE CONVERSION ONTO SAMPLING WATER WELL.



SPACING LETTERS

2.0"	3.5"
1.5"	3.5"
1.5"	3.5"
1.5"	3.5"
1.5"	3.5"
3.5"	3.0"
3.5"	2.5"
1.5"	2.5"
3.5"	2.5"
1.5"	2.0"
1.5"	2.0"
2.0"	2.0"

RECLAMATION PROJECT
of the
DEPARTMENT OF NATURAL RESOURCES
STATE OF ILLINOIS

ROD R. BLAGOJEVICH, GOVERNOR
10" dia. Sam Flood, Acting Director
Department of Natural Resources

In cooperation with the Office of Surface Mining
United States Department of the Interior

1. Furnishing, erecting and removing the sign shall be incidental to the contract.
2. The sign shall be painted on 1/2" or thicker exterior plywood (4' x 8'), color shall be black on white, and a 10" diameter Illinois state seal shall be provided by the D.N.R.
3. The posts shall be made of 4" x 4" wood or 2.5" metal pipe, and shall be 10' long. The sign shall be securely fastened to the posts with six 2.5" long, round head wood screws (for wood posts) or four 5" long, 3/8" diameter carriage bolts (for wood or metal posts).
4. The top of the sign shall be level with the top of the posts, and the posts shall be 1' from the edges of the sign. The posts shall be set in the ground 3', so that the bottom of the sign is 3' from the ground.

CONSTRUCTION SIGN
DETAIL C-24, NOT TO SCALE, EXACT LOCATION TO BE SET BY ENGINEER