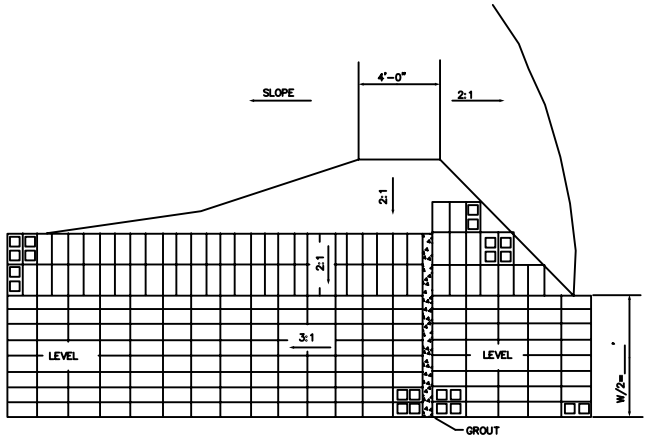
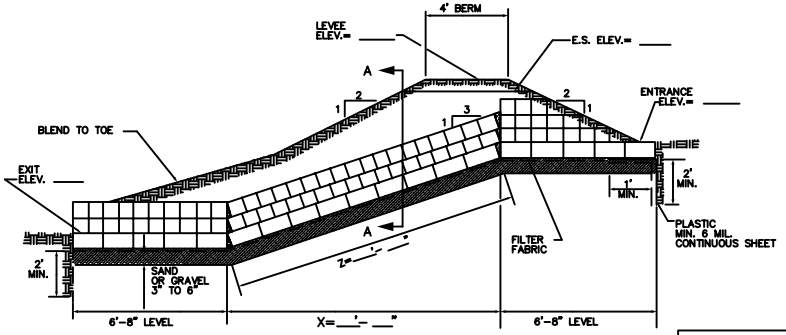
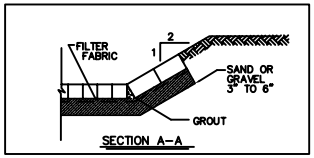


HALF PLAN

CONCRETE BLOCK LINED CHUTE CONSTRUCTION DETAILS



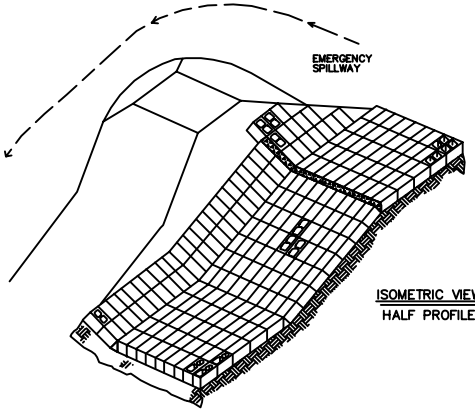
LONGITUDINAL SECTION ALONG ℄



SECTION A-A

CONSTRUCTION NOTES

1. CONCRETE BLOCKS SHALL BE 8"X8"X16" LONG, IN GOOD CONDITION, AND FREE OF EXCESS MORTAR.
2. CONCRETE BLOCKS SHALL BE PLACED WITH HOLES UP.
3. CONCRETE BLOCKS IN FLOOR SHALL BE PLACED WITH LENGTH PARALLEL TO DIRECTION OF FLOW.
4. FILTER FABRIC SHALL BE INSTALLED AS RECOMMENDED BY MANUFACTURER'S INSTRUCTIONS.
5. BLOCKS IN SIDE SLOPES SHALL BE PLACED WITH LENGTH PERPENDICULAR (90°) TO DIRECTION OF FLOW.
6. FILTER FABRIC SHOULD BE ULTRAVIOLET RESISTANT, WITH AN E.O.S. GREATER THAN 60, BURST STRENGTH GREATER THAN 200 PSI AND TEAR STRENGTH GREATER THAN 50 LBS.
7. PLACE SAND OR GRAVEL TO BRING EXCAVATION TO GRADE. NO SAND OR GRAVEL FILL SHALL BE PLACED BETWEEN THE CONCRETE BLOCKS AND FABRIC.
8. EXTEND CUTOFF TRENCHES, AND FABRIC TO THE TOTAL BOTTOM AND SIDE SLOPES WIDTH.
9. GROUT TRIANGULAR SHAPED VOIDS AT EACH SIDE OF THE CHUTE SECTION AND ACROSS THE CREST OF WEIR. GROUT TO BE 1 PART CEMENT AND 3 PARTS SAND.
10. HOLES IN CONCRETE BLOCKS SHOULD BE FILLED WITH SOIL AND SEEDED TO WATERWAY SEEDING MIXTURES.
11. CONCRETE BLOCKS SHALL NOT BE DRIVEN ON BY ANY MACHINERY DURING OR AFTER PLACEMENT.
12. BERM SHALL BE SEEDED AND MULCHED TO CRITICAL AREA SEEDING SPECIFICATIONS.
13. GRAVEL, IF USED IN LIEU OF SAND, SHALL BE #57, AGGREGATE.



ISOMETRIC VIEW

HALF PROFILE

NOT TO SCALE

CONCRETE BLOCK LINED CHUTE

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed ILLINOIS S.C.	Date 1986	Approved by	
Drawn Dan W. Whitsel	5/87	Title	
Traced		Title	
Checked A. BRATE	5/87	Sheet No of	Drawing No.

STANDARD DRAWING NO.: OH-N-307-CAD
APPROVAL DATE: 06/01/87

REVISIONS:

Description: CONCRETE BLOCK LINED CHUTE

Filename: OHO30787.DWG