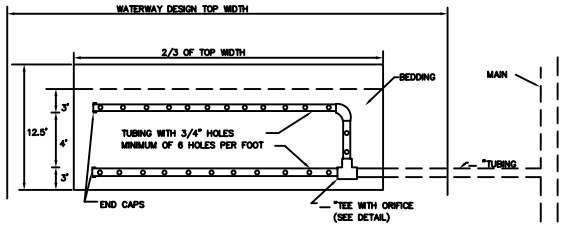
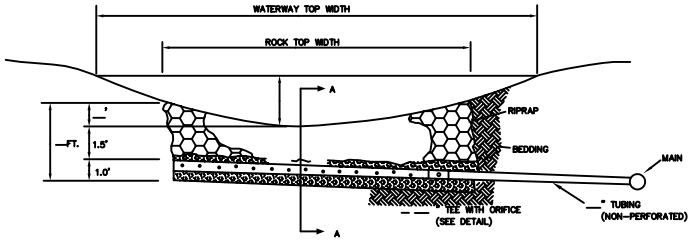
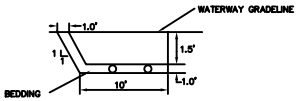
Description: BLIND INLET FOR WATERWAYS



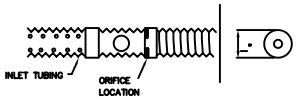
PLAN



CROSS SECTION



SECTION A–A



ORIFICE DETAIL

MATERIAL SPECIFICATIONS

1. TUBING – CORRUGATED POLYETHYLENE TUBING MEETING ASTM F-405 OR P.V.C. PIPE MEETING ASTM-D-3034,D-3033.(4" MINIMUM,3/4" DIA. HOLES)
2. ROCK – ROCK SHALL BE LIMESTONE WITH NO MORE THAN A 3:1 RATIO OF THE LEAST DIMENSION TO THE GREATEST DIMENSION.
3. FIELD STONE – SHALL NOT BE USED UNLESS APPROVED BY THE S.C.S. TECHNICIAN PRIOR TO CONSTRUCTION.

ROCK GRADATIONS

RIPRAP (ODOT 601.D)		BEDDING (ODOT#1)	
SIZE IN INCHES	% PASSING	SIZE IN INCHES	SMALLER % BY WT.
12 IN.	85–100	4 IN.	100%
6 IN.	0–50	3 1/2 IN.	90–100%
3 IN.	0–15	2 1/2 IN.	25–60%
		1 1/2 IN.	0–15%
		3/4 IN.	0–5%

ESTIMATED QUANTITIES

RIP RAP	__ T.
BEDDING	__ T.
__" PIPE OR TUBING	__ FT.
__" OUTLET TUBING	__ FT.
__" X __" TEE	1 EA.
__" X __" TEE	1 EA.
__" 90° ELBOW	1 EA.
__" END CAPS	2 EA.
__" ORIFICE PLATE WITH __" DIA. HOLE	1 EA.

DESIGN DATA

HEAD ON ORIFICE IN FEET	ORIFICE DIAMETER IN INCHES	CAPACITY IN C.F.S.	CAPACITY OF OUTLET IN C.F.S.
WATERWAY DESIGN DEPTH ____FT.	_____ INCHES	____	____

STANDARD DRAWING NO.: OH-N-400-CAD
APPROVAL DATE: 03/29/84

REVISIONS:
REV. #1: 07/84

BLIND INLET

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

	Date		
Designed		Approved by	
Drawn G. WHITE	5/84	Title	
Traced		Title	
Checked		Sheet No. of	Drawing No.

Filename: OH040089.DWG