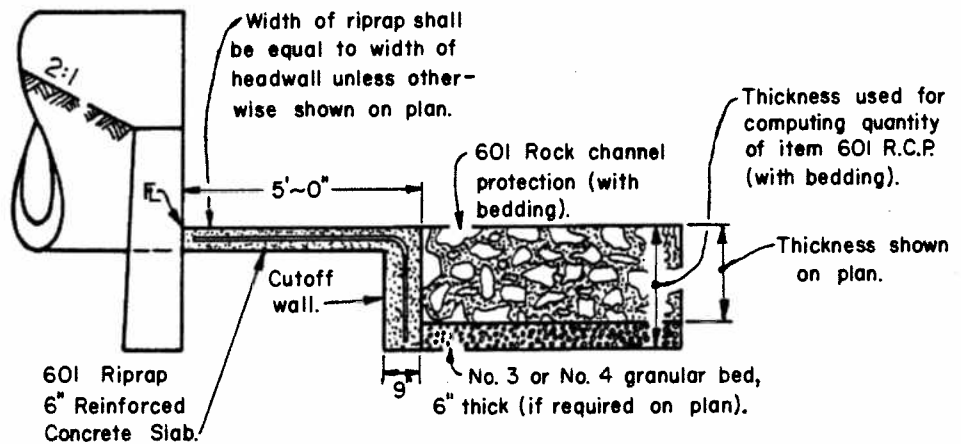
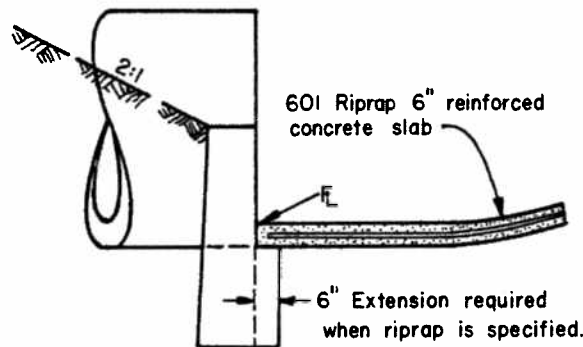


Width of protection shall equal width of headwall.
Minimum width 4'-0".



OUTLET CHANNEL

Cutoff wall depth (2' 6" min.) is variable to match required thickness of rock.



INLET CHANNEL

NOTES:

Concrete shall be Class C.
Concrete quantities are based on headwalls without the 6" extension under the inlet channel protection.

PREVIOUSLY 022 A1

APPROVED 10-9-86
DATE

Perry J. Payne
CITY ENGINEER

REVISED:

CHANNEL PROTECTION FOR HEADWALL

(O.D.O.T. HW-4B)

CITY OF LANCASTER, OHIO
DEPARTMENT OF ENGINEERING

STANDARD
CONSTRUCTION DRAWING

DWG. BY: SLH
CHK'D BY: RM

FILE NUMBER
D-3