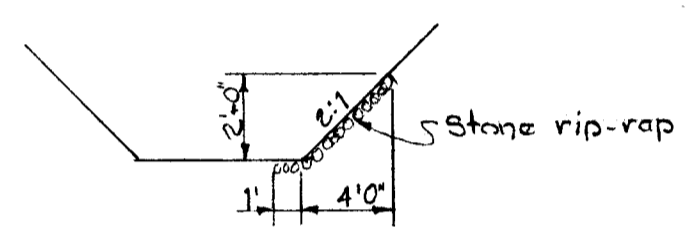
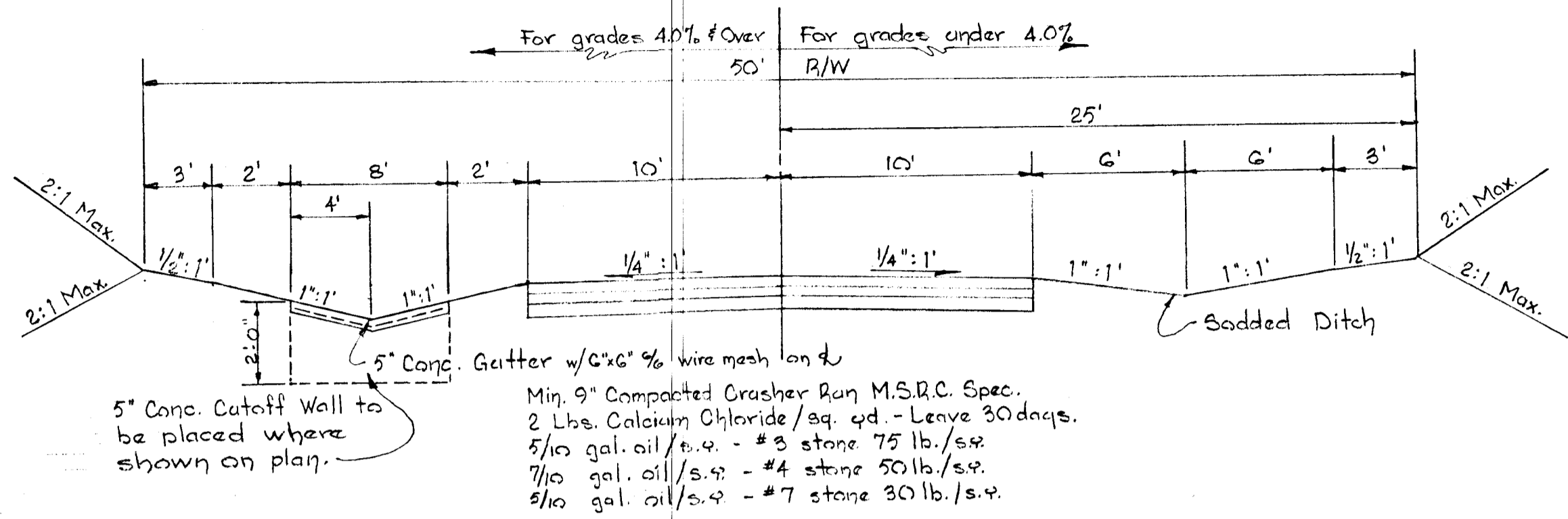


NOTE:
Tie proposed channel to existing swale with a 50' radius & curve. Place stone rip-rap on outside slope of curved portion to a depth of 2' along a 2:1 slope. (See below)



DETAIL OF CHANNEL BELOW INLET I-3
Scale: 1" = 50'



TYPICAL SECTION
No Scale

PAVED				UNPAVED			
Area = 1.32 sq ft				Area = 3.0 sq ft			
"n" = .015				"n" = .030			
Slope = 1.00%	2.00%	3.00%	4.00%	Slope = 1.00%	2.00%	3.00%	3.50%
Vel. = 2.9 fps	4.1 fps	5.0 fps	5.8 fps	Vel. = 2.0 fps	2.8 fps	3.4 fps	3.7 fps
Cap. = 3.7 cfs	5.4 cfs	6.6 cfs	7.7 cfs	Cap. = 2.0 cfs	3.4 cfs	4.2 cfs	4.8 cfs

SIDE DITCH CAPACITIES
No Scale

APPROVED
PLANNING COMMISSION
OF HOWARD COUNTY

GENERAL NOTES
All drawing & page D-2s refer to Howard County Road Building Code & Standard Specifications, unless otherwise noted.
1) For details of Type "K" inlet, see drawing D-93, page 148.
2) For details of Stand. Type "C" Endwall see drawing D-52, page 107.
3) For details of Type "A" Firewall, see attached 8 1/2" x 11" sheet.

APPROVED: HOWARD CO. HIGHWAY DEPT. DATE: 11-22-65
OWNER & DEVELOPER: Fox Den Inc. Folly Quarter Road, Ellicott City, Md.

APPROVED: HOWARD CO. PLANNING COMM. DATE: 11-22-65
J. J. Clauson Jr., Chief Engineer

APPROVED: HOWARD CO. METRO. COMM. DATE: 11-23-65
D. O. F. Reed, Chief Engineer

PURDUM & JESCHKE ENGINEERS
24 PARK AVE. ELICOTT CITY, MD.

DETAIL SHEET
FOX DEN FARMS
3RD ELECTION DISTRICT - HOWARD CO., MD.
30 APRIL 1965
SCALE: AS SHOWN
REV: 13 May 1965 SHEET 3 of 3

