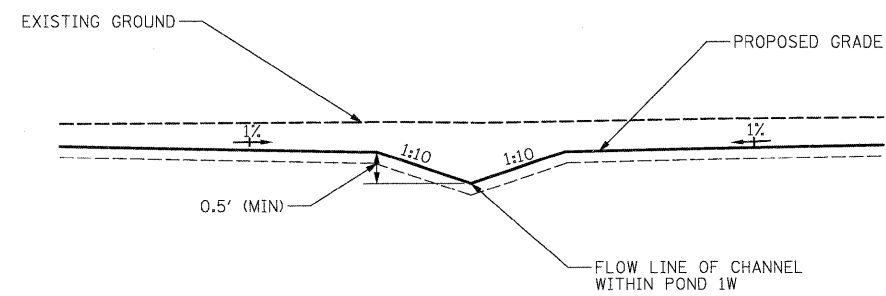
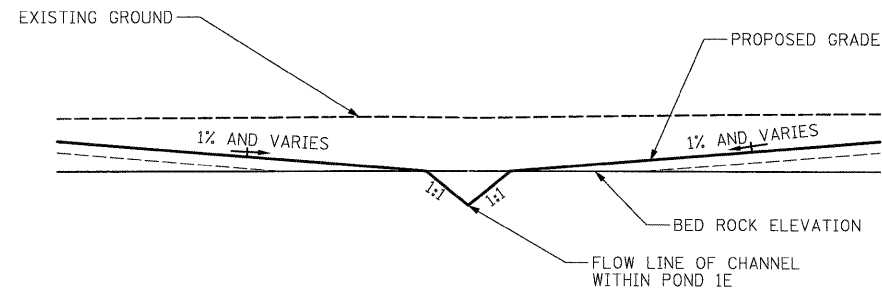


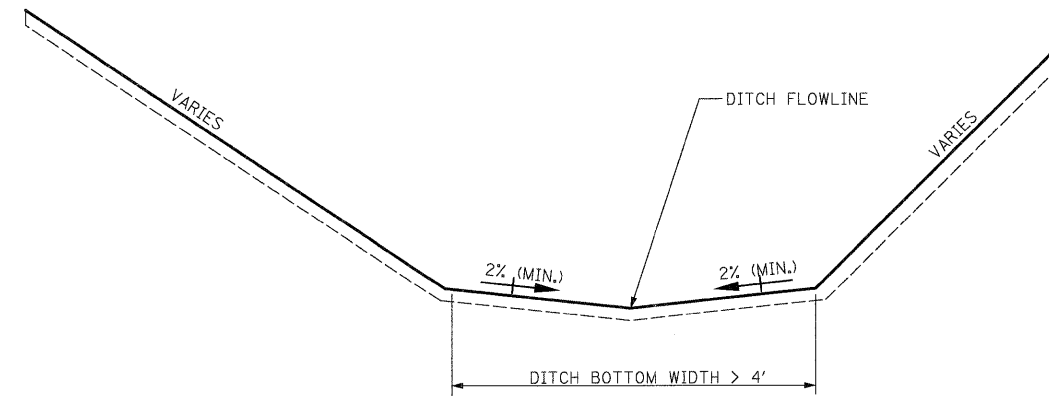
DETAIL A
CHANNEL THROUGH BED ROCK- POND 1W
 NOT TO SCALE



TYPICAL GRADING THROUGH DETENTION POND
(WHEN BED ROCK IS NOT PRESENCE)
 NOT TO SCALE



DETAIL B
CHANNEL THROUGH BED ROCK- POND 1E
 NOT TO SCALE



TYPICAL DITCH GRADING DETAIL FOR DITCHES WITH
DITCH BOTTOM WIDTH GREATER THAN 4'
 NOT TO SCALE

NOTE:

FOR DITCH SIDE SLOPES, FLOW LINE ELEVATION AND DITCH BOTTOM WIDTH INFORMATIONS, REFER TO PROPOSED CROSS SECTIONS.

300 W. ADAMS ST.
 CHICAGO, IL 60606
 SINGH & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 TEL: (312) 629-0240
 FAX: (312) 629-8449

FILE NAME = DIG0C31-SHT-DRAIN19.dgn	USER NAME = TKluegel	DESIGNED - PKT	REVISED -
		DRAWN - PKT	REVISED -
		CHECKED - CL	REVISED -
		DATE - 12/18/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS

SCALE: NONE SHEET NO. 19 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	(99-1&2)AC-3	WILL	524	162
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 60C31	