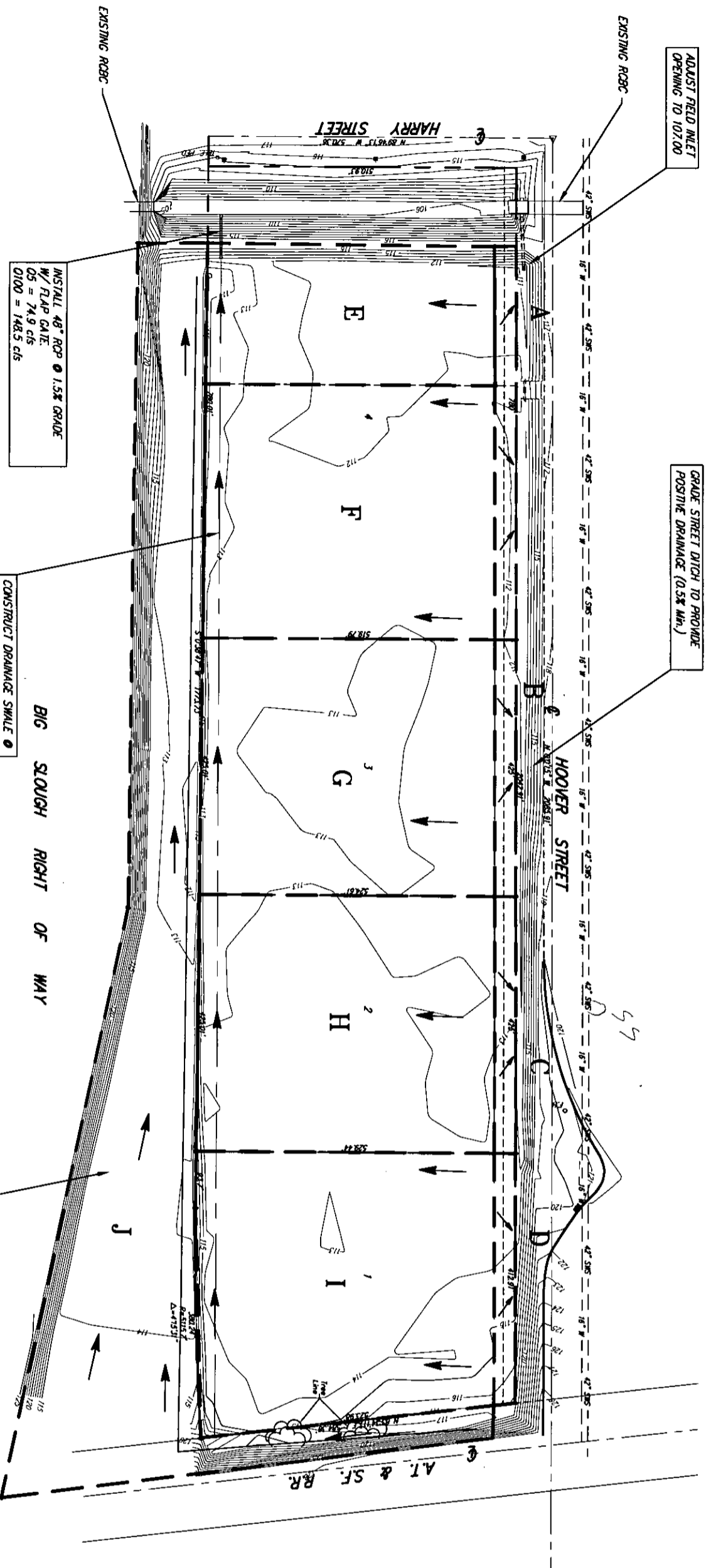


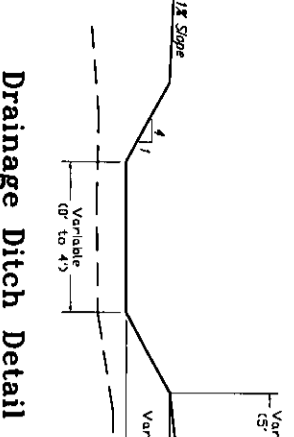
SRB  
SCALE  
1" = 200'



BIG SLOUGH RIGHT OF WAY

DRAINAGE BASIN SUMMARY

BASIN	AREA (Acres)	$I_p$ (In.)	$C_p$	$C_{100}$	$I_s$	$I_{100}$	$Q_p$ (cfs)	$Q_{100}$ (cfs)
A	0.53	15	0.69	0.80	4.56 ft/ft	2.37 ft/ft	1.7	3.1
B	0.34	15	0.69	0.80	4.56 ft/ft	2.37 ft/ft	1.0	2.0
C	0.34	15	0.69	0.80	4.56 ft/ft	2.37 ft/ft	1.0	2.0
D	0.33	15	0.69	0.80	4.56 ft/ft	2.37 ft/ft	1.0	1.9
E	2.5	15	0.69	0.80	4.56 ft/ft	2.37 ft/ft	7.9	14.7
F	4.7	15	0.69	0.80	4.56 ft/ft	2.37 ft/ft	14.4	27.7
G	4.8	15	0.69	0.80	4.56 ft/ft	2.37 ft/ft	15.1	28.3
H	4.8	15	0.69	0.80	4.56 ft/ft	2.37 ft/ft	15.7	29.5
I	5.0	15	0.69	0.80	4.56 ft/ft	2.37 ft/ft	15.7	29.5
J	8.3	39	0.27	0.51	2.80 ft/ft	4.23 ft/ft	6.3	20.0



Drainage Ditch Detail

BENCH MARK:  
C.O.W. DISC. AT N. END OF W. HEADWALL  
OF R.C.B.C. 100' N. OF INTERSECTION  
HARRY AND HOOVER.  
ELEV. = 114.26 (CITY DATUM)

**DRAINAGE PLAN**  
**WEST TOWNE INDUSTRIAL ADDITION**

**SRB**  
SAVOY, RUGGLES & BOHM, P.A.  
ENGINEERING & SURVEYING

322 NORTH MAIN  
SAVOY, ILL. 62453  
PHONE: 314-455-4000  
FAX: 314-455-4001  
E-MAIL: srbsavo@comcast.net

PROJECT NUMBER: 212-324-4000

DATE: Dec. 28, 1998

DWG. FILE: DRP DRAINAGE  
SHEET: 1