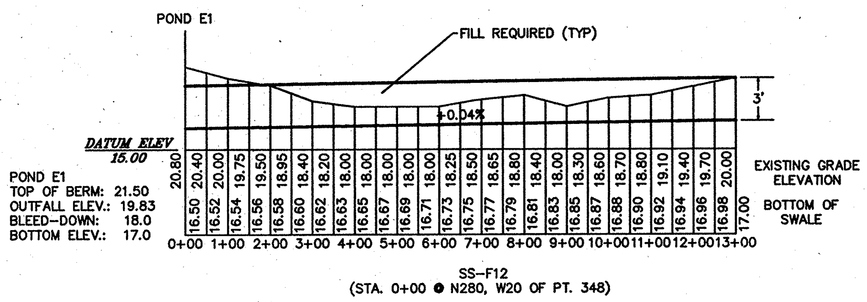
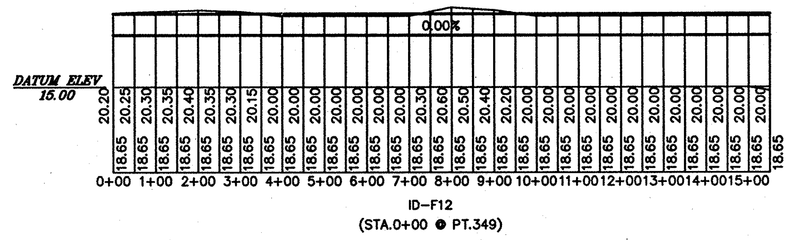
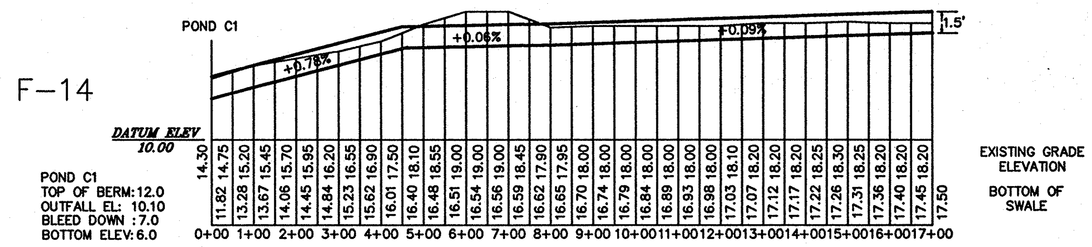



SS-F12
(STA. 0+00 @ N280, W20 OF PT. 348)



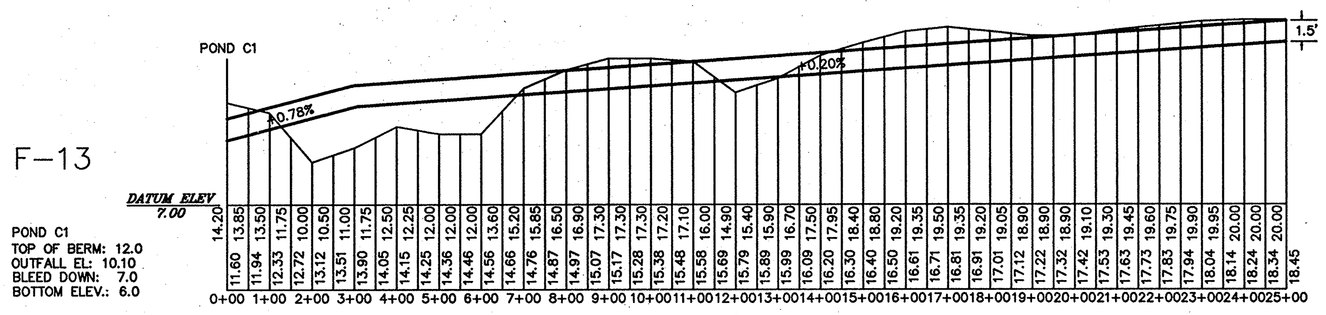

ID-F12
(STA.0+00 @ PT.349)

F-14

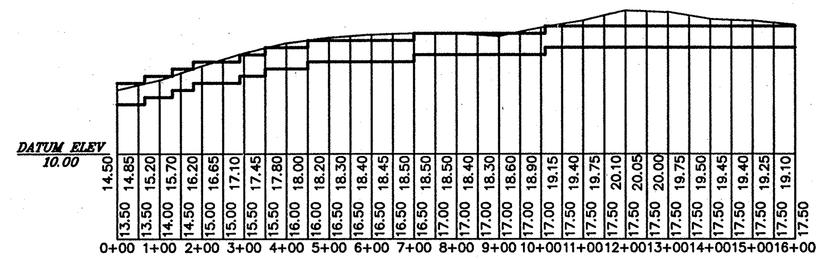



SS-F14B
(STA. 0+00 @ N30, W80 OF PT. 80)

F-13

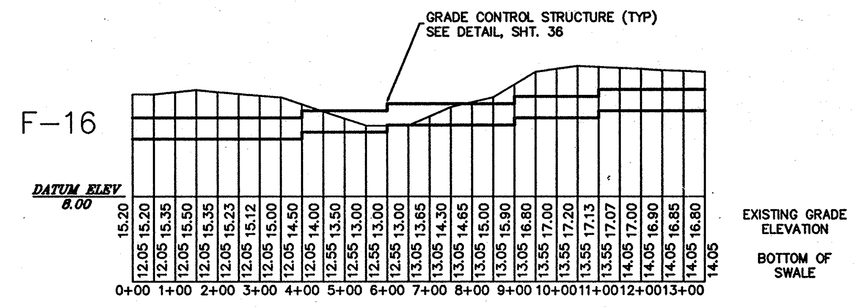



SS-F13A
(STA. 0+00 @ S150, E170 OF PT. 60)

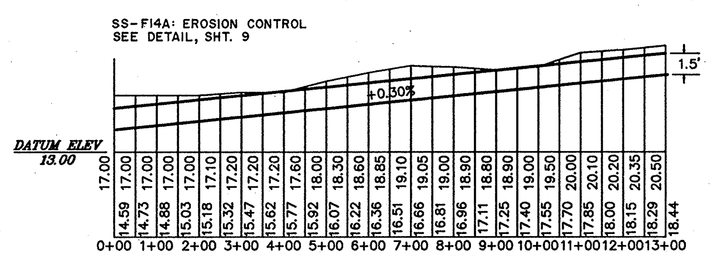



ID-F14
(STA. 0+00 @ PT. 322)

F-16

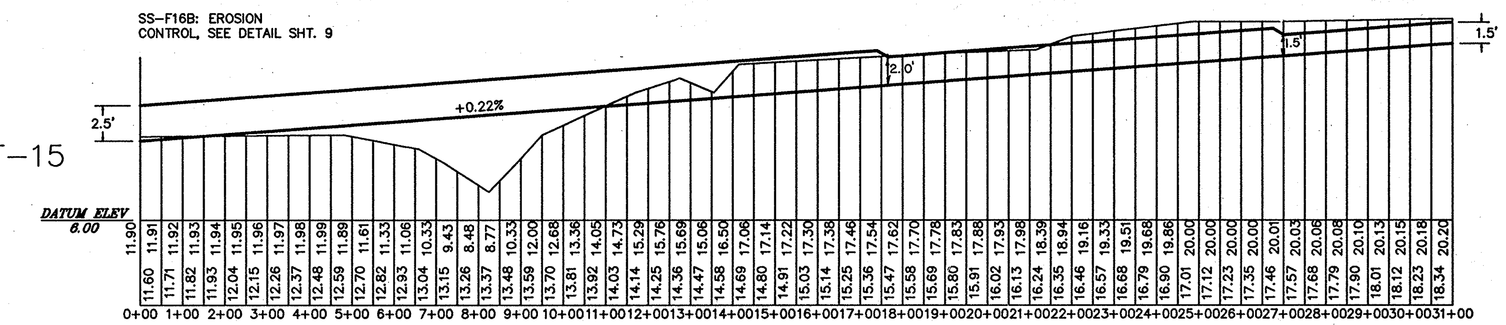



ID-F16
(STA. 0+00 @ S16, E46 OF PT. 318)

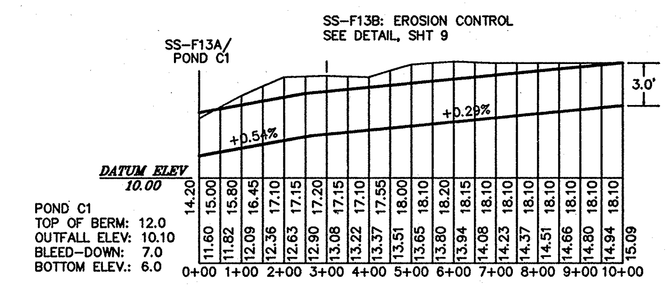



SS-F13B
(STA. 0+00 S180, E440 OF PT. 60)

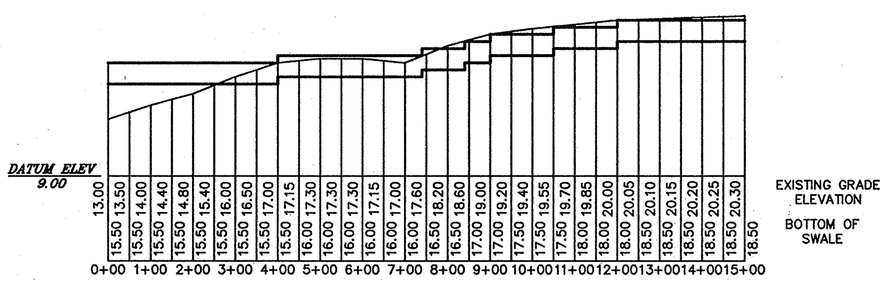
F-15



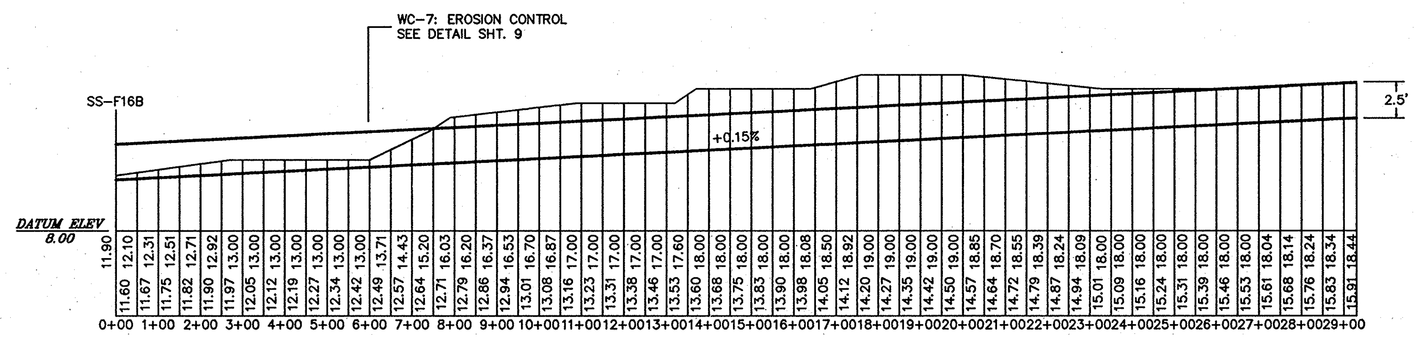

SS-F15A
(STA. 0+00 @ S131, E181 OF PT. 318)



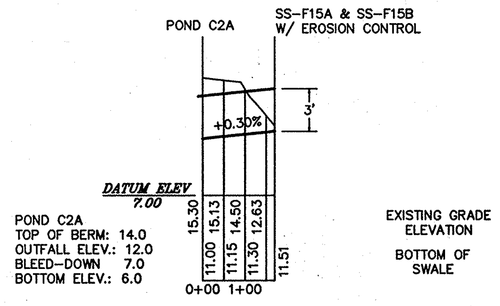

SS-F14A
(STA. 0+00 @ S150, E170 OF PT. 60)



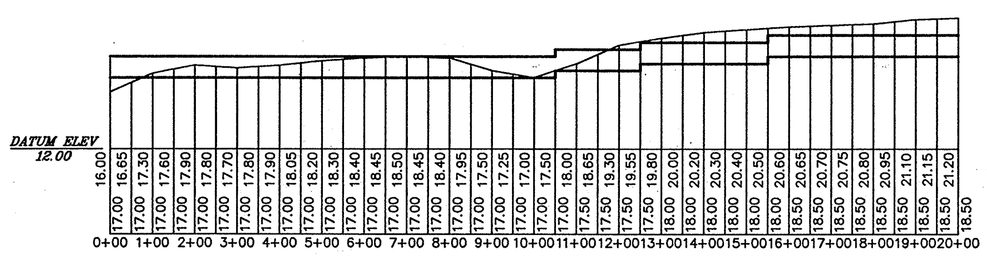

ID-F13
(STA. 0+00 @ N50, E170 OF PT. 60)




SS-F15B
(STA. 0+00 @ S131, E181 OF PT 318)

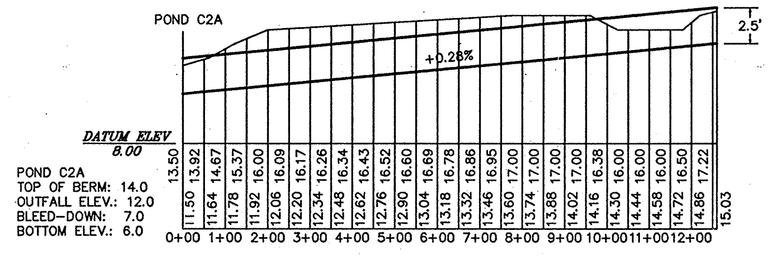



SS-F16B
(STA. 0+00 @ S66, E31 OF PT. 318)




ID-F15
(STA. 0+00 @ PT. 314)

LENGTH TO BE REV FOR CONT IV




SS-F16A
(STA. 0+00 @ N409, W234 OF PT. 318)

NOTE:

1.) Drainage sub-swales (SS) will be V-sections with a side slope of 3:1 unless otherwise noted.

2.) All swale locations are drawn as accurate as possible, actual field stake outs shall be based on available survey coordinates provided on Sht. 37.

3.) Irrigation ditches (ID) will have a typical depth of 1.5' (18"), bottom width of 2' and a side slope of 2:1.

4.) Grade control structures will be provided on irrigation ditches at every 0.5' (6") drop in elevation.

5.) Refer to Sht. #36 for typical hay field bed layout & section detail.

6.) Culverts within swales are placed to allow for swale crossings with stabilized roads (to allow for field access). Refer to sheets 7 through 11.

7.) Fill required at all locations where top of swale is shown to be above existing ground.

ALL WORK THIS SHEET CONTRACTS II & IV

A) SUB-SWALES (SS-F#): CONTRACT II
B) IRRIGATION DITCHES (ID-F#), INC. GRADE CONTROL STRUCTURES (WHERE APPLICABLE): CONTRACT IV


Conklin Porter and Holmes ENGINEERS, INC.
1104 EAST ROBINSON STREET
ORLANDO, FLORIDA, 32801
TEL. 407 425-0452


| ACTIVITY | NAME | DATE |
|---|---|---|
| DESIGNED BY: | B.C.B. | 6/90 |
| DRAWN BY: | B.C.B./A.C.L. | 6/90 |
| CHECKED BY: | N.K.B./B.C.B. | 6/90 |
| APPROVED BY: | WM. R. HOLMES | 7/90 |
| REGISTRATION NO. | 9801 | |

| NO. | DATE | REVISION | APPROVED |
|---|---|---|---|
| 3 | 4/91 | REV. PER EAGLE MGMT PLAN | WRH |
| 2 | 10/90 | ADD FILL NOTE (NOTE 7) | WRH |
| 1 | 10/90 | GENERAL SWALE REVISION | WRH |

# DRAINAGE & IRRIGATION PROFILES (HAYFIELD) F12 TO F16

## WATER REUSE SYSTEM SITE 10

CITY OF SANFORD FLORIDA

SCALE: 1" = 4.0'V 1" = 200'H

DATE: JUNE 1990

JOB NO. S0602.51

SHEET NO. 35

S10HF4