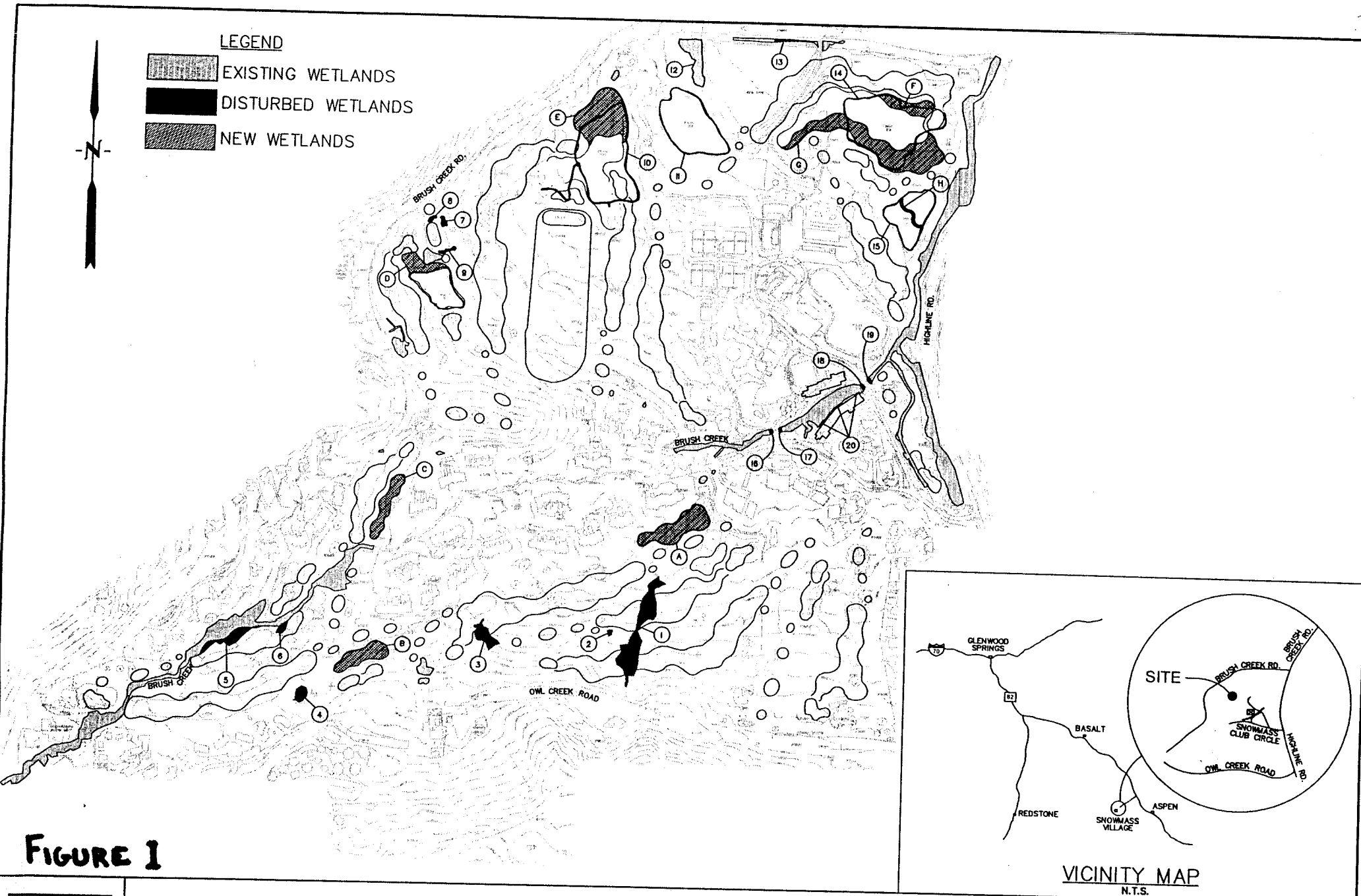


FIGURE 1

WETLAND DELINEATION PROJECT PLAN AND VICINITY MAP

SCALE 1"=700'

Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 29 JUNE 2001

JOB NO: EW-1155

DWG. NO. FILE

SHEET OF

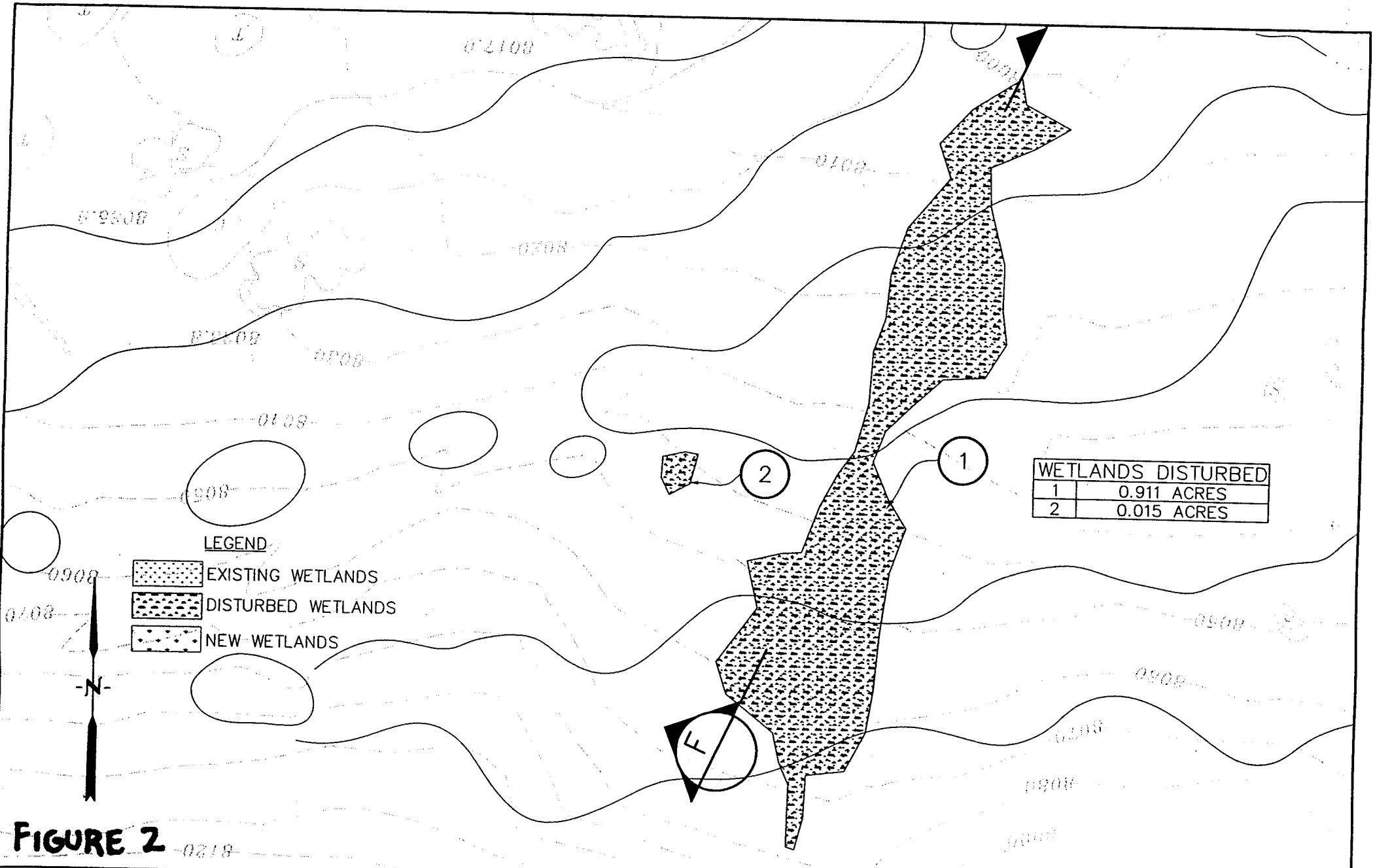


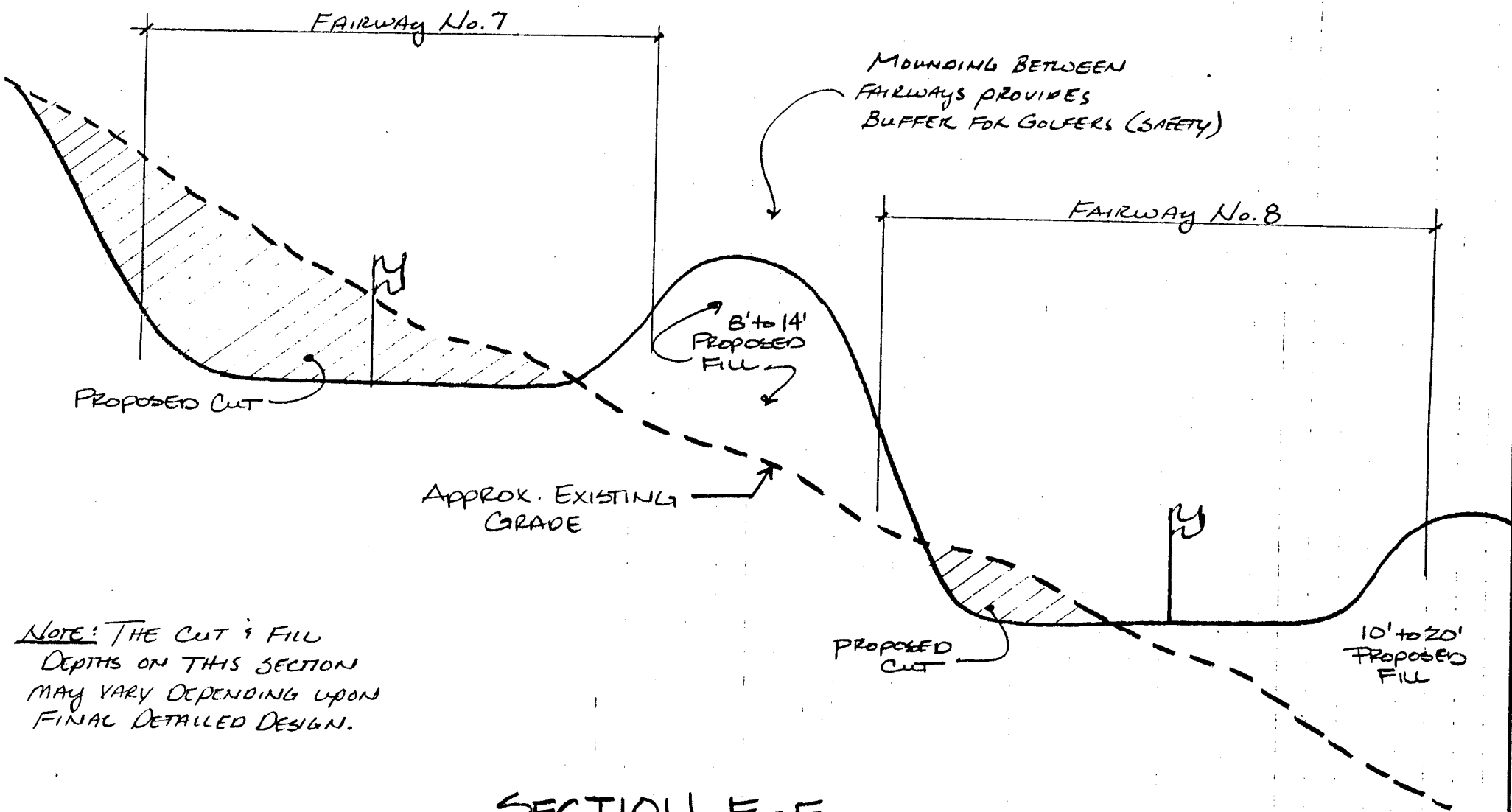
FIGURE 2

WETLAND DELINEATION
NEW WETLANDS AND DISTURBED AREAS

SCALE 1"=100'

Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001	DWG. NO. FILE
JOB NO: EW–1155	SHEET OF

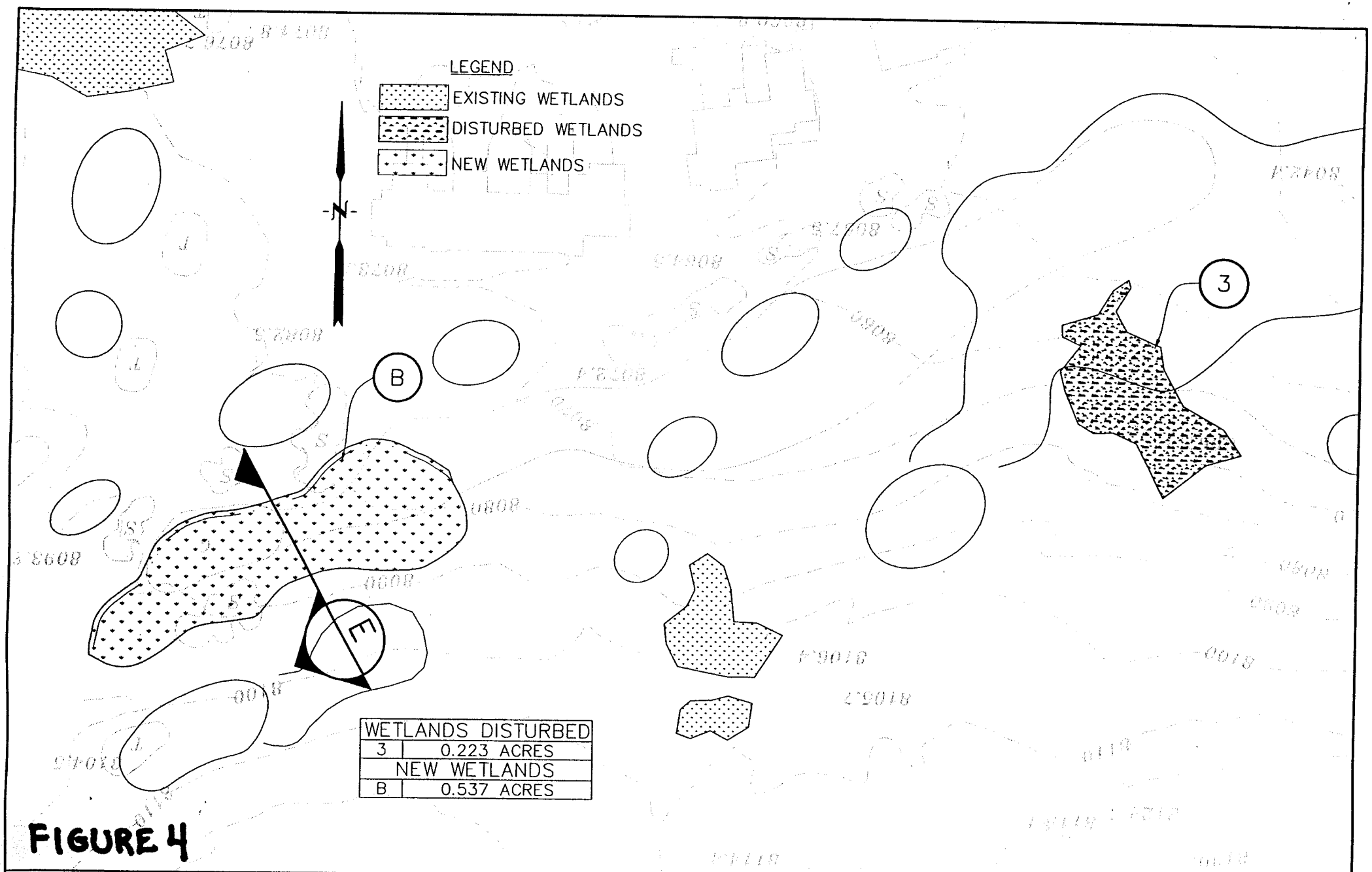


NOTE: THE CUT & FILL DEPTHS ON THIS SECTION MAY VARY DEPENDING UPON FINAL DETAILED DESIGN.

SECTION F-F

(EXISTING WETLAND)

FIGURE 3



WETLANDS DISTURBED	
3	0.223 ACRES
NEW WETLANDS	
B	0.537 ACRES

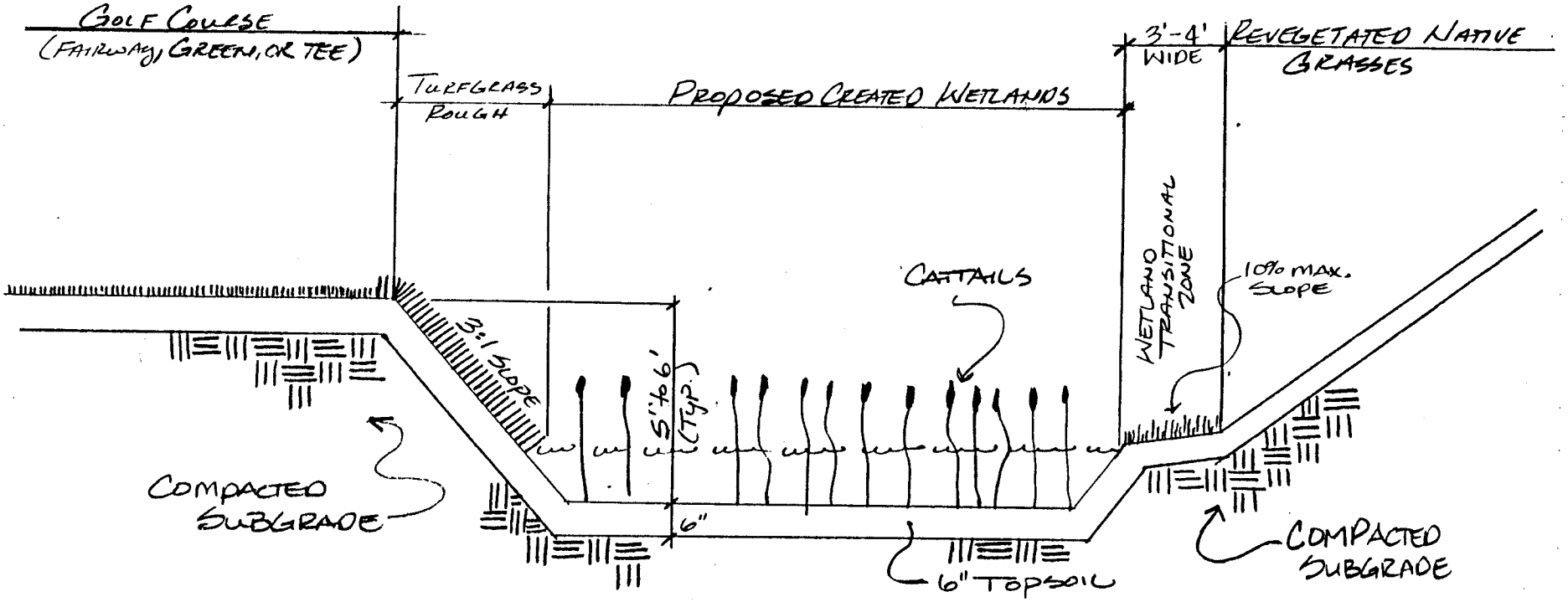
FIGURE 4

WETLAND DELINEATION
NEW WETLANDS AND DISTURBED AREAS

SCALE 1"=100'

Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001	DWG. NO. FILE
JOB NO: EW-1155	SHEET OF



NOTE: CREATED WETLANDS ON HOLES 11, 12 & 13 WILL BE CONSTRUCTED BY EXCAVATION (CUT) INTO EXISTING GRADE

SECTION E-E

(TYPICAL PROPOSED CREATED WETLANDS)

HOLES NO. 11, 12 & 15

FIGURE 5

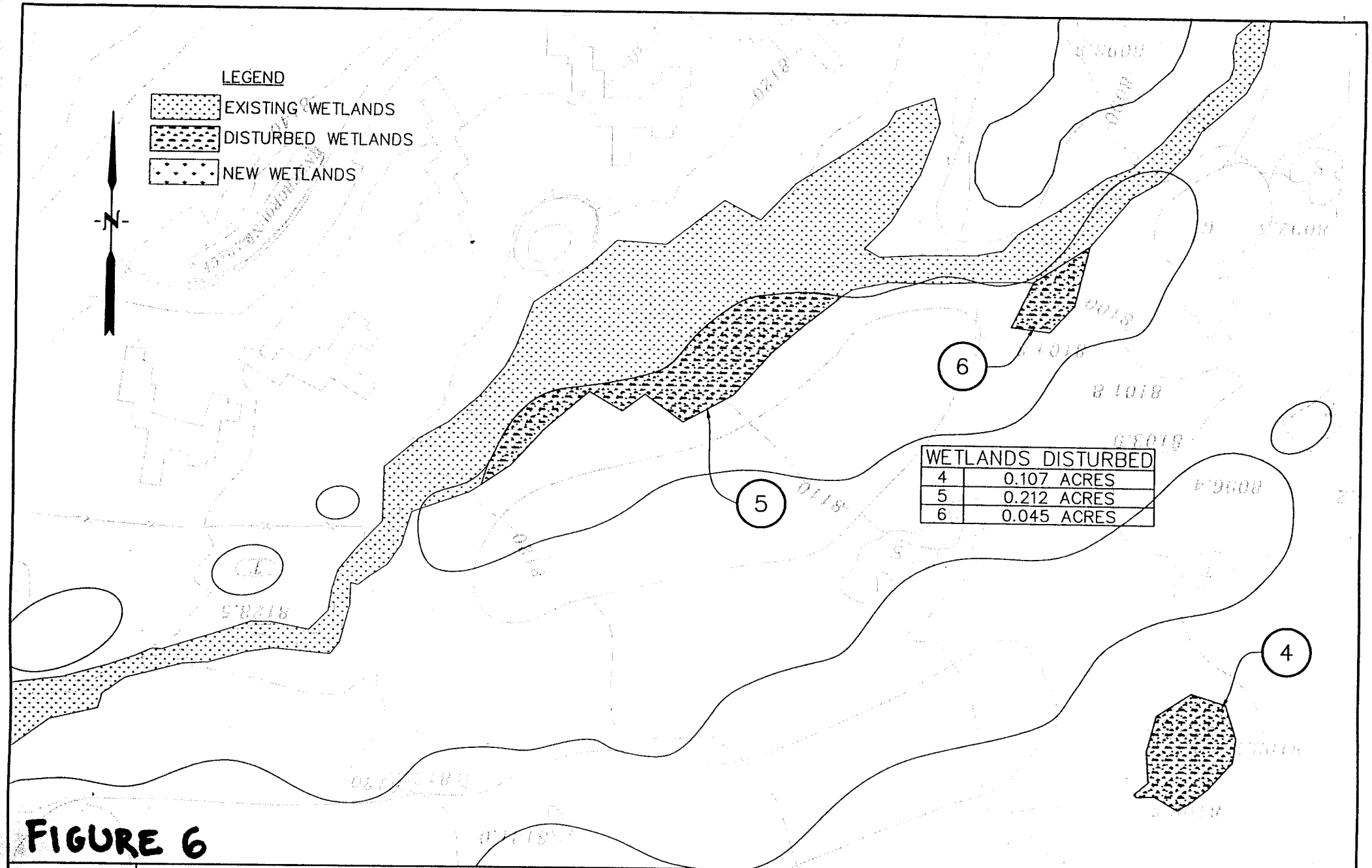


FIGURE 6

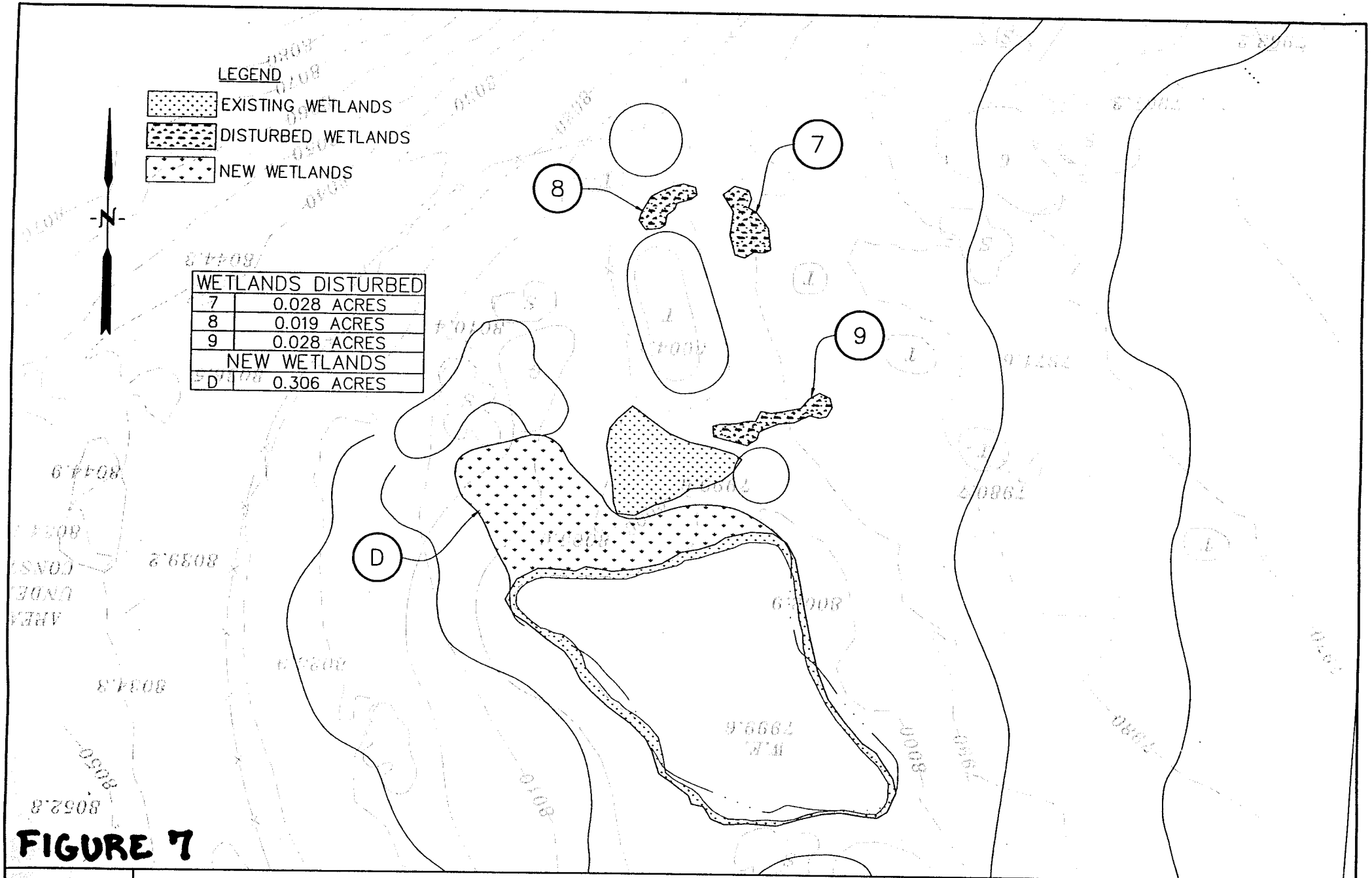
WETLAND DELINEATION
NEW WETLANDS AND DISTURBED AREAS

SCALE 1"=100'

Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001	DWG. NO. FILE
JOB NO: EW-1155	SHEET OF

14



WETLANDS DISTURBED	
7	0.028 ACRES
8	0.019 ACRES
9	0.028 ACRES
NEW WETLANDS	
D	0.306 ACRES

FIGURE 7

WETLAND DELINEATION
NEW WETLANDS AND DISTURBED AREAS

SCALE 1"=100'

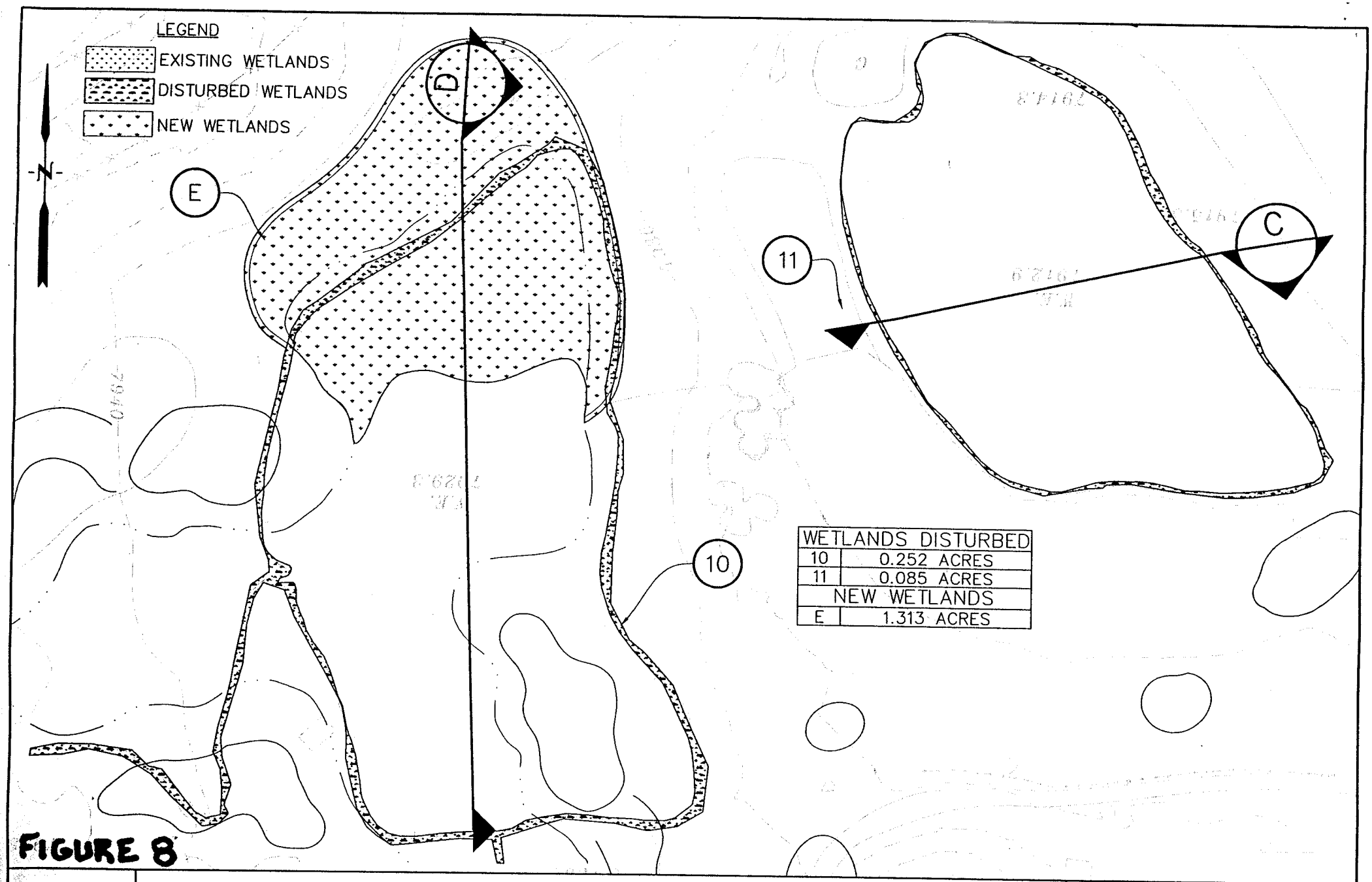
Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001

JOB NO: EW-1155

DWG. NO. FILE

SHEET OF



WETLANDS DISTURBED	
10	0.252 ACRES
11	0.085 ACRES
NEW WETLANDS	
E	1.313 ACRES

FIGURE 8

WETLAND DELINEATION
NEW WETLANDS AND DISTURBED AREAS

SCALE 1"=100'

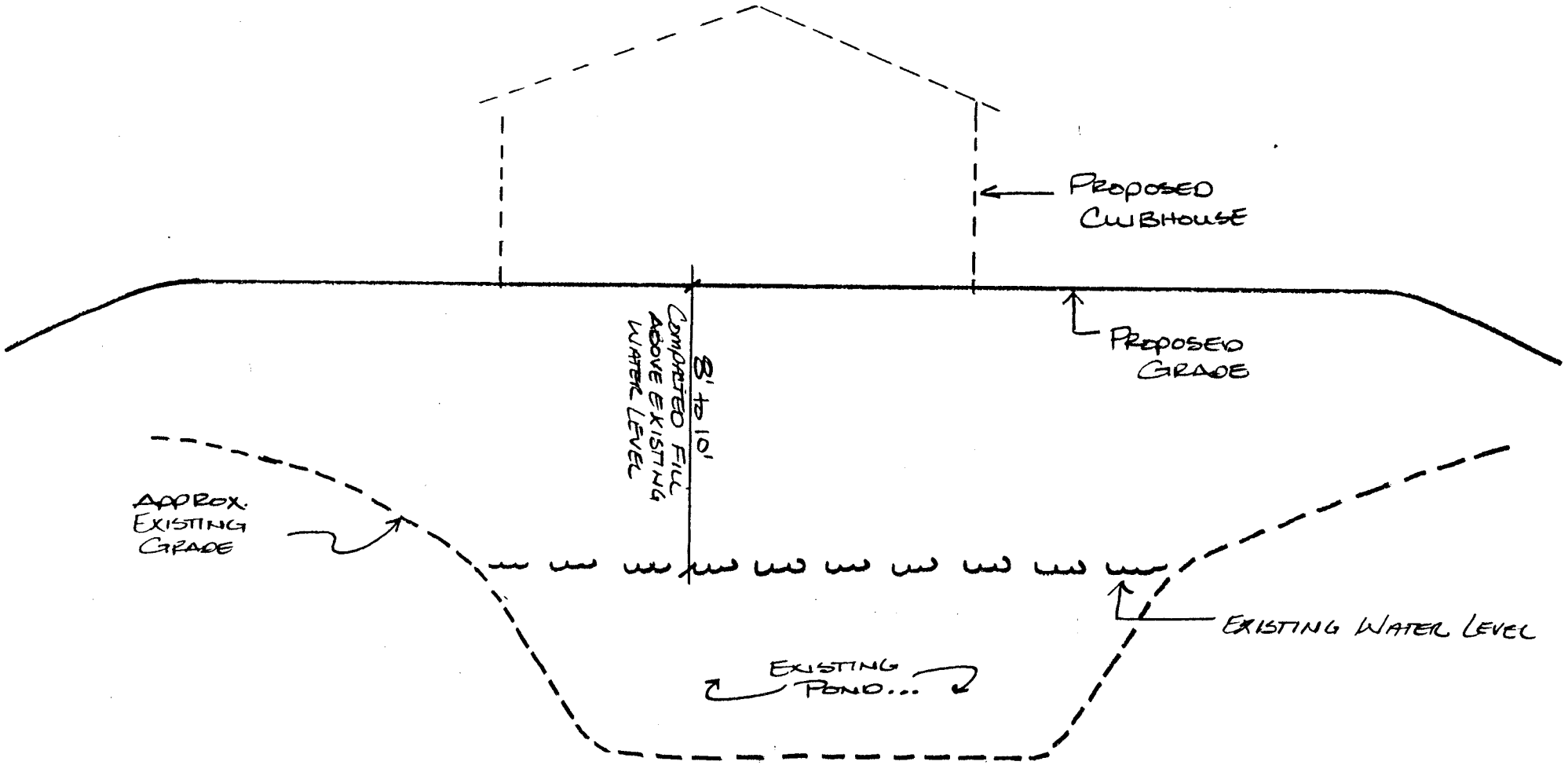
Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001

DWG. NO. FILE

JOB NO: EW-1155

SHEET OF



SECTION C-C
(POND C)

FIGURE 10

* PROPOSED IRRIGATION POND FOR GOLF COURSE
- EXPAND EXISTING POND

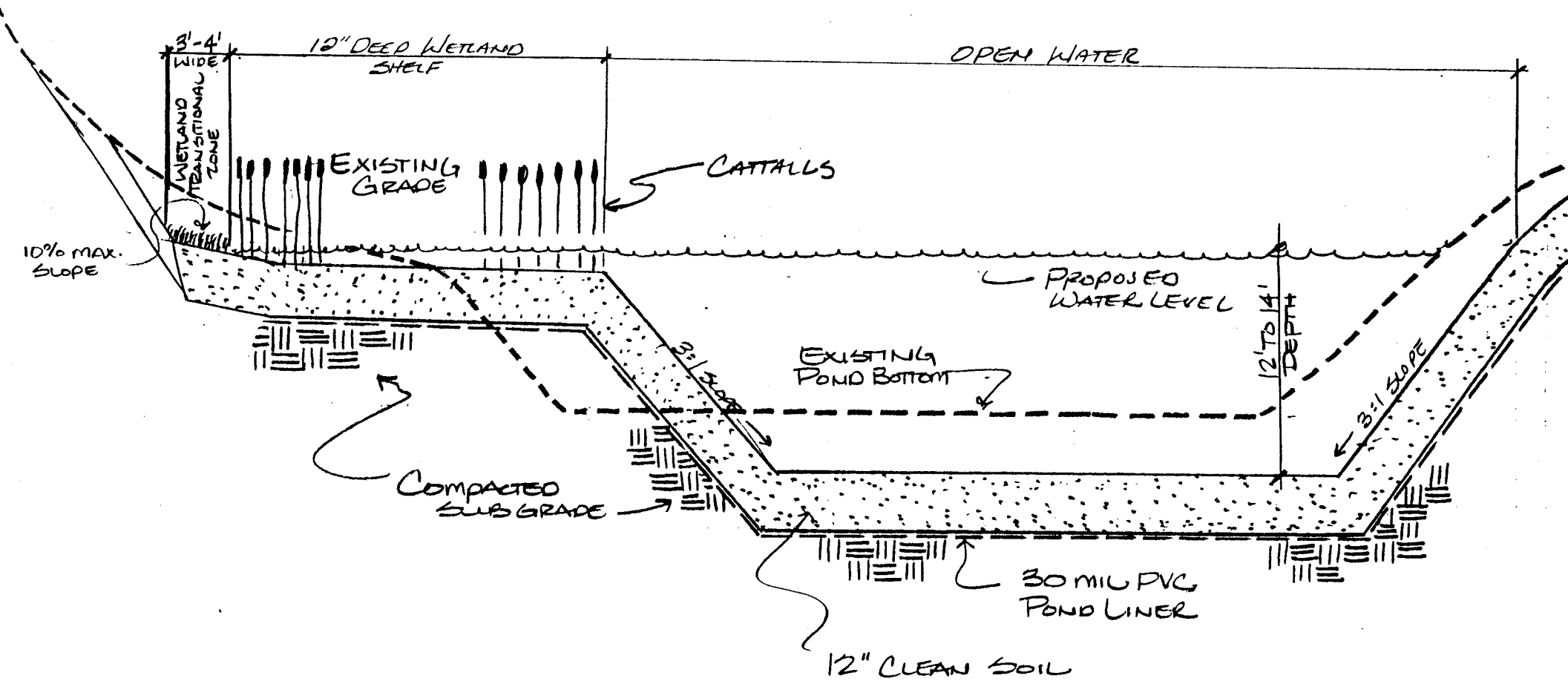
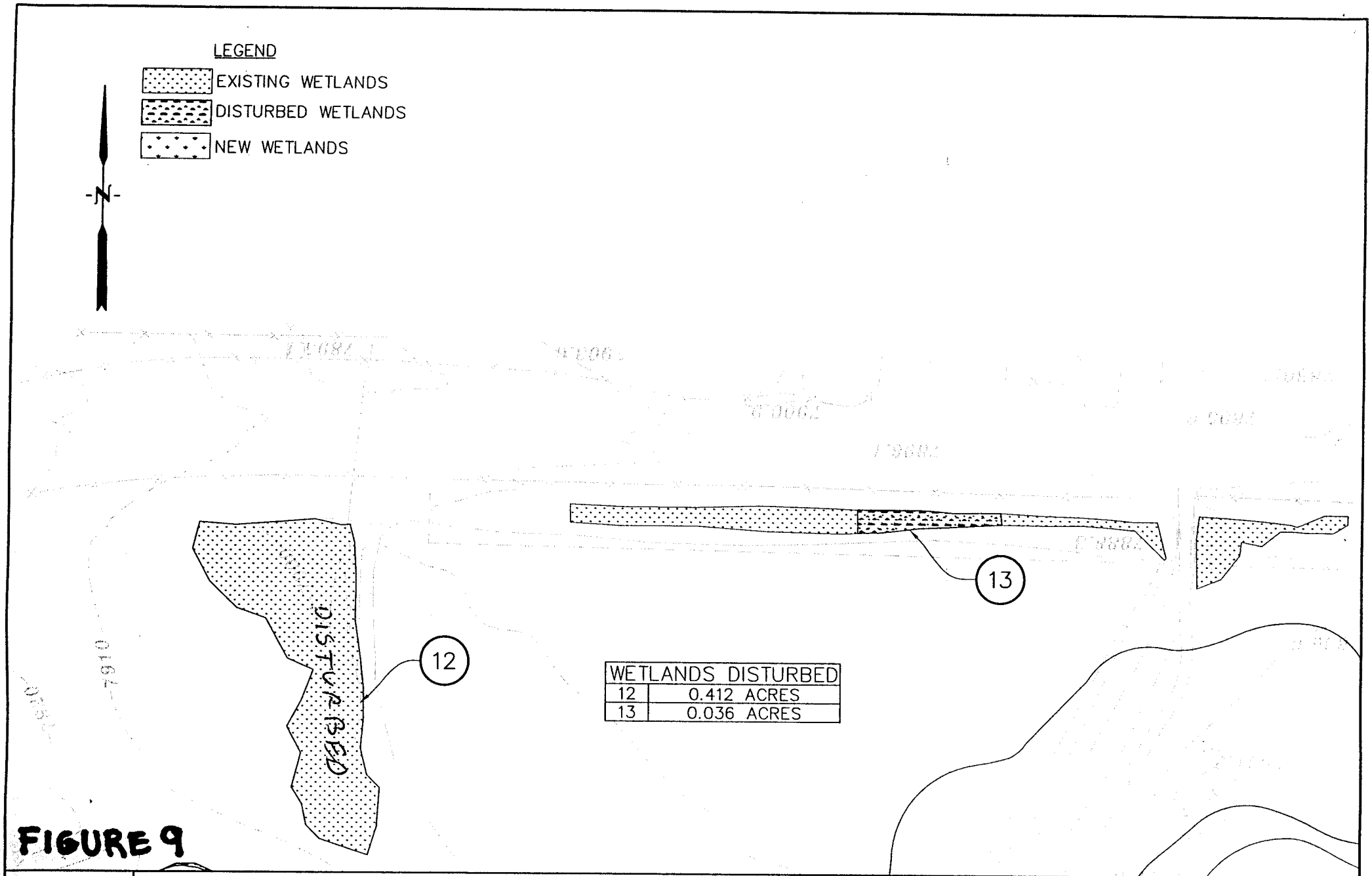


FIGURE 11

SECTION D-D
(POND D)



WETLANDS DISTURBED	
12	0.412 ACRES
13	0.036 ACRES

FIGURE 9

WETLAND DELINEATION
NEW WETLANDS AND DISTURBED AREAS

SCALE 1"=100'

Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001

JOB NO: EW-1155

DWG. NO. FILE

SHEET OF

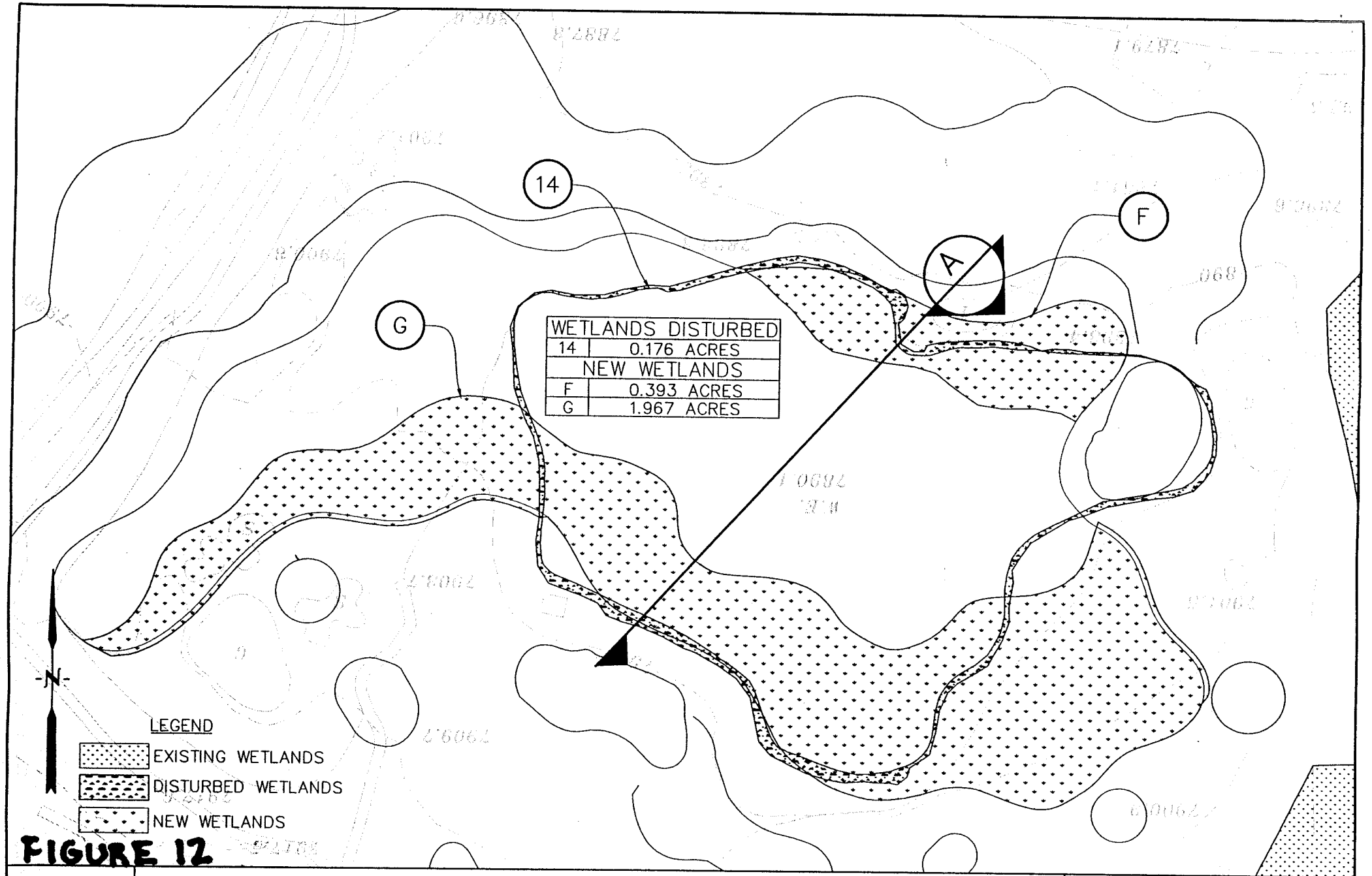


FIGURE 12

WETLAND DELINEATION
NEW WETLANDS AND DISTURBED AREAS

SCALE 1"=100'

Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001

JOB NO: EW-1155

DWG. NO. FILE

SHEET OF

-EXPAND POND & WETLANDS

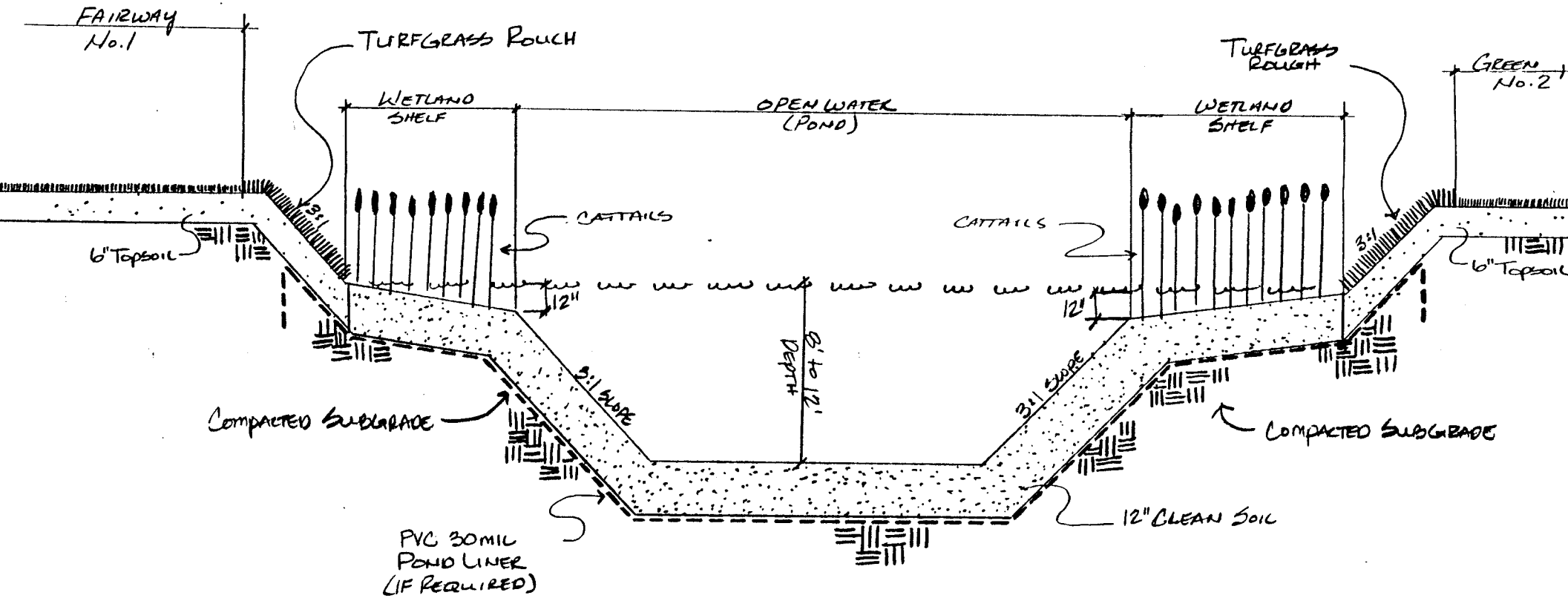


FIGURE 13

SECTION A-A
(POND A)

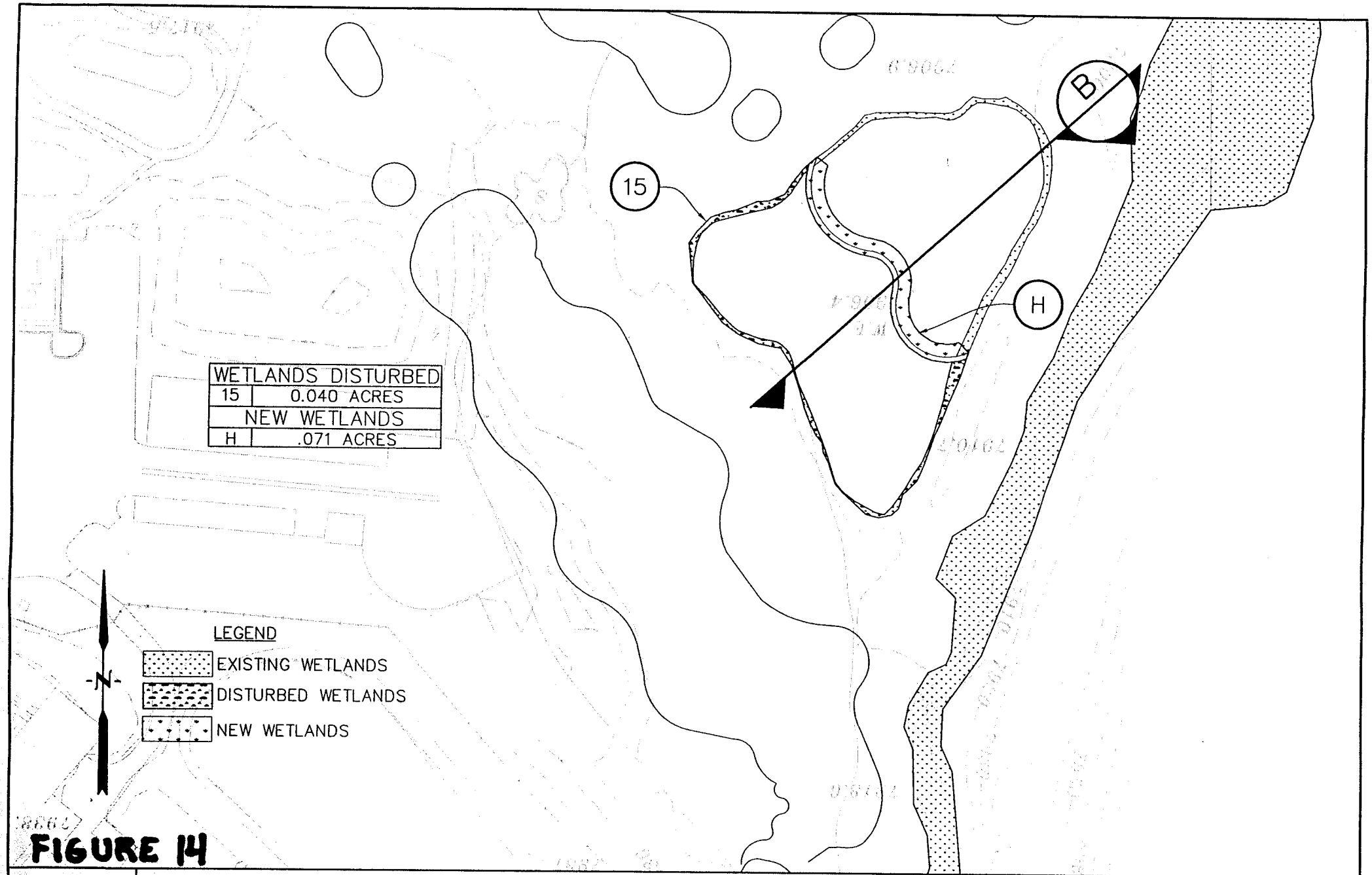


FIGURE 14

WETLAND DELINEATION
NEW WETLANDS AND DISTURBED AREAS

SCALE 1"=100'

Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001

JOB NO: EW-1155

DWG. NO. FILE

SHEET OF

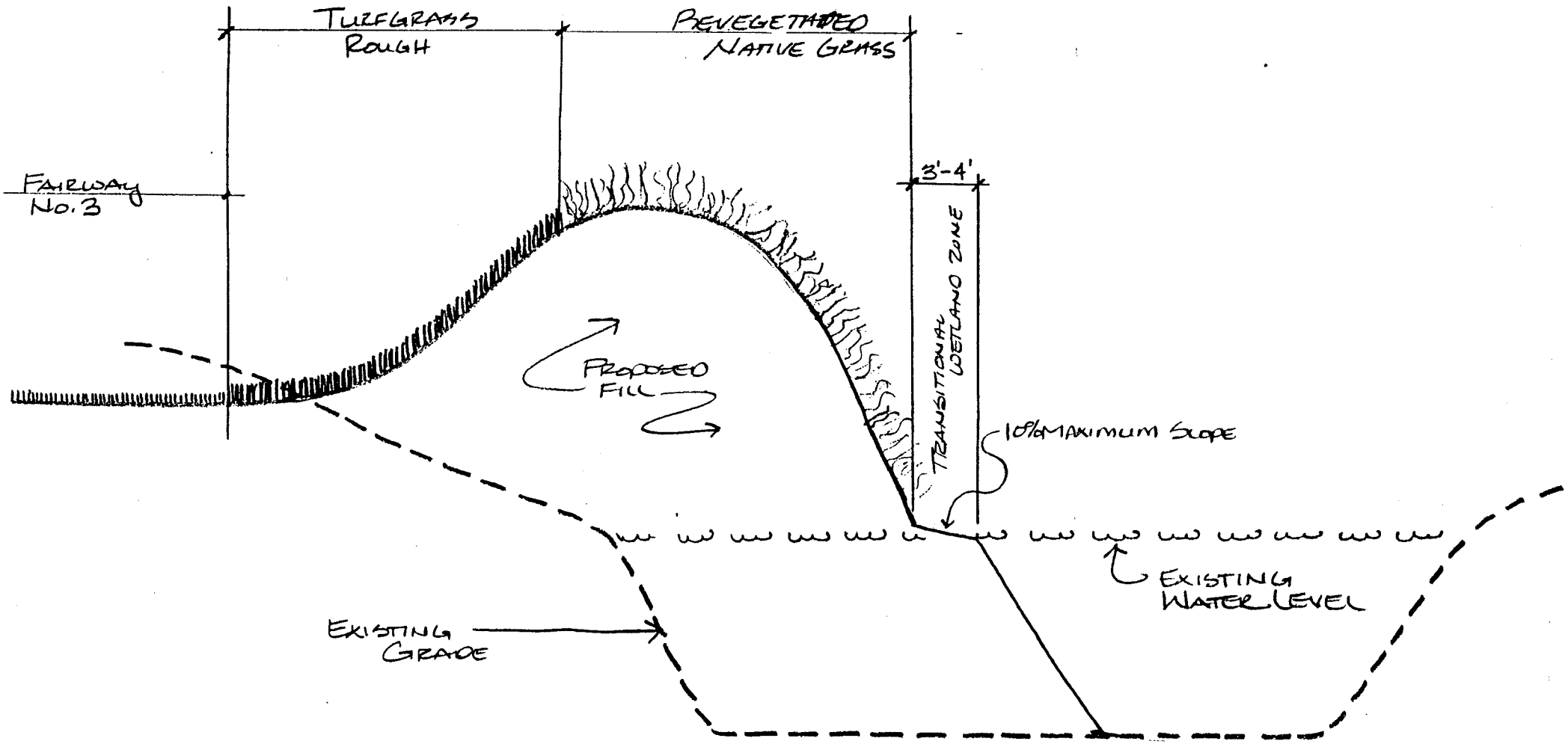
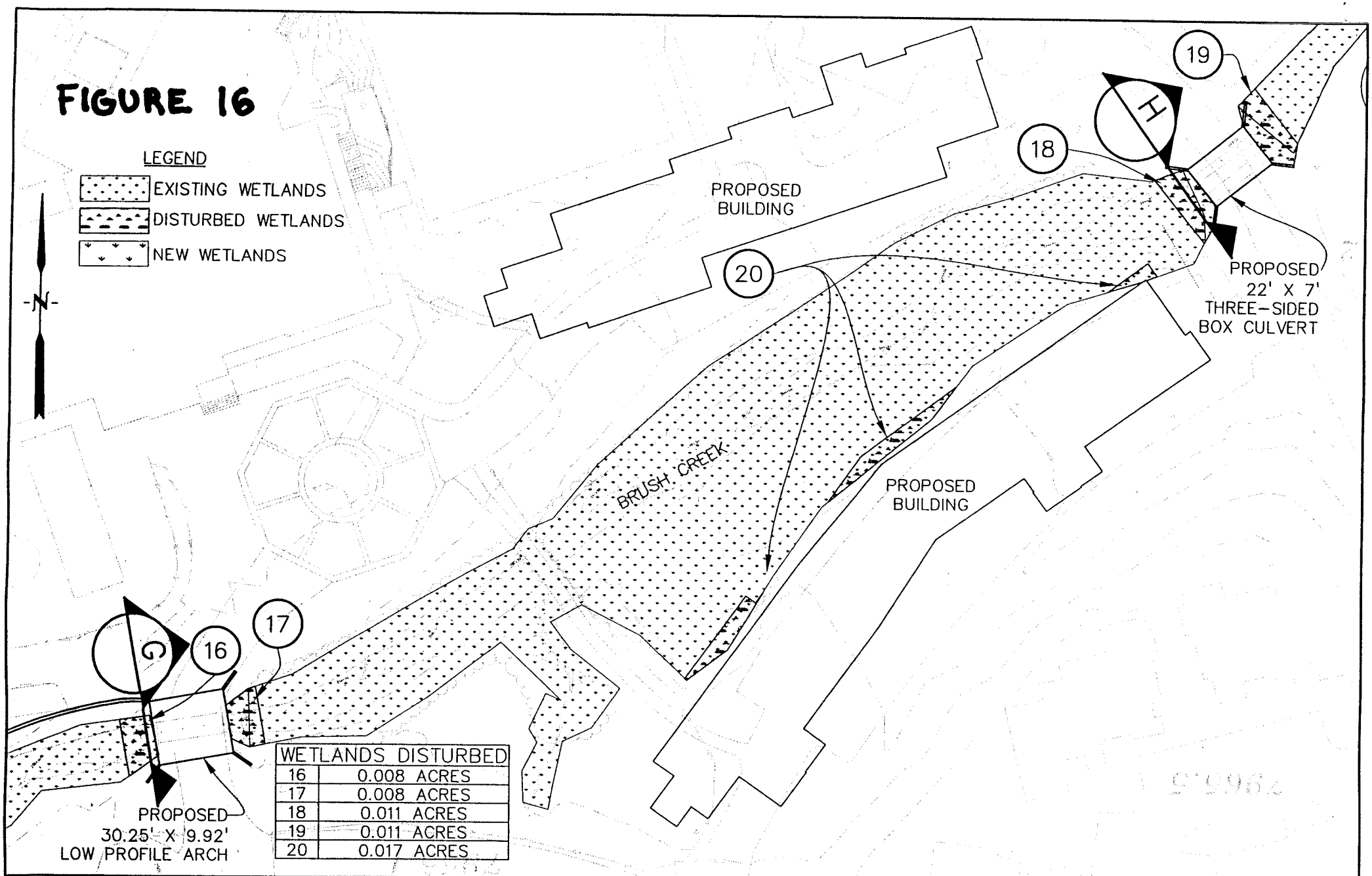


FIGURE 15

SECTION B-B
(POND B)

FIGURE 16



WETLANDS DISTURBED	
16	0.008 ACRES
17	0.008 ACRES
18	0.011 ACRES
19	0.011 ACRES
20	0.017 ACRES

WETLAND DELINEATION
NEW WETLANDS AND DISTURBED AREAS

SCALE 1"=60'

Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001

JOB NO: EW-1155

DWG. NO. FILE

SHEET OF

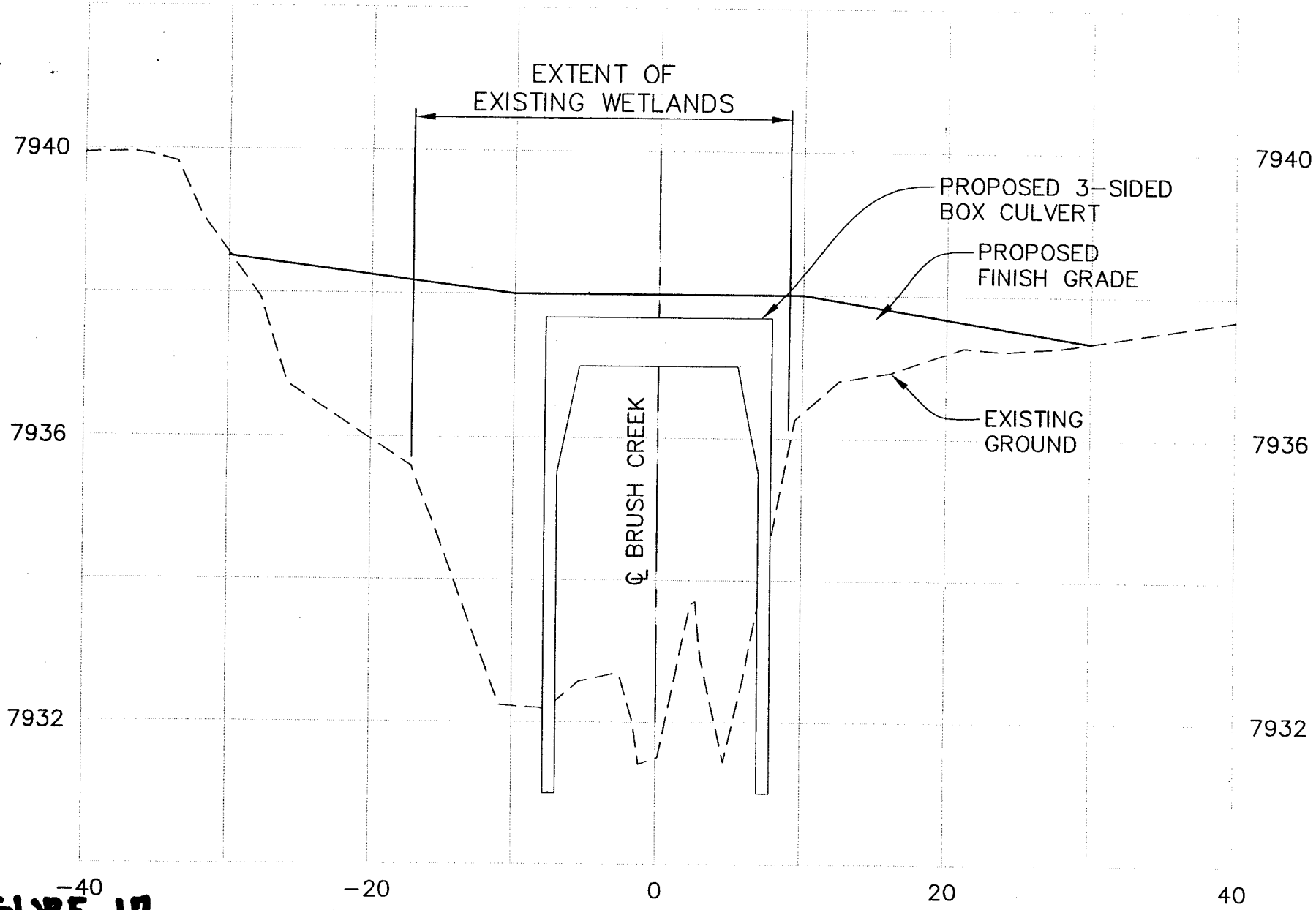


FIGURE 17

G

SECTION 243+83.83 BRUSH CREEK

SCALE: H: 1"=10'
V: 1"=2'

Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001

JOB NO: EW-1155

DWG. NO. FILE

SHEET OF

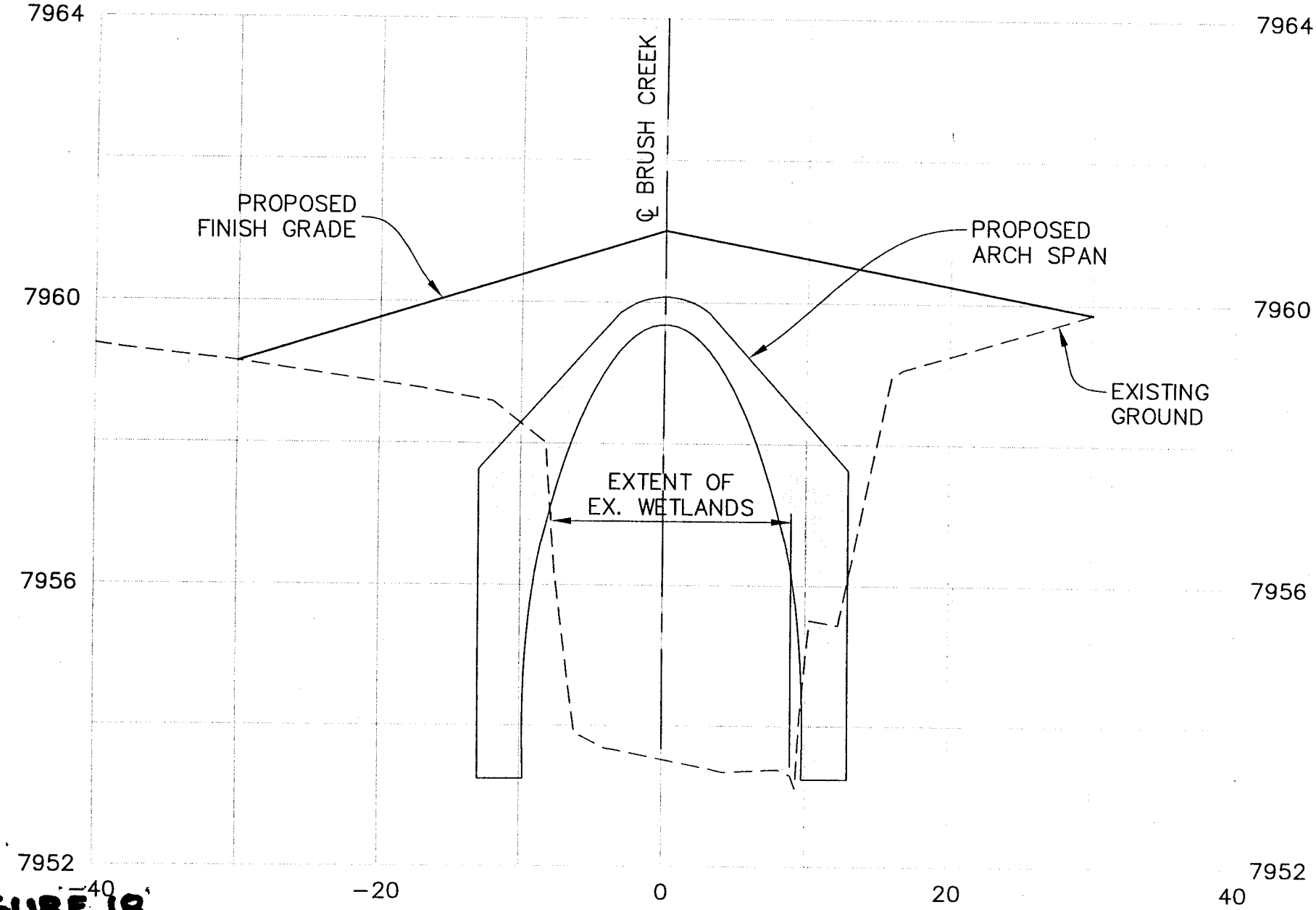


FIGURE 18

H

SECTION 249+45.55 BRUSH CREEK

SCALE: H: 1"=10'
V: 1"=2'

Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001	DWG. NO. FILE
JOB NO: EW-1155	SHEET OF

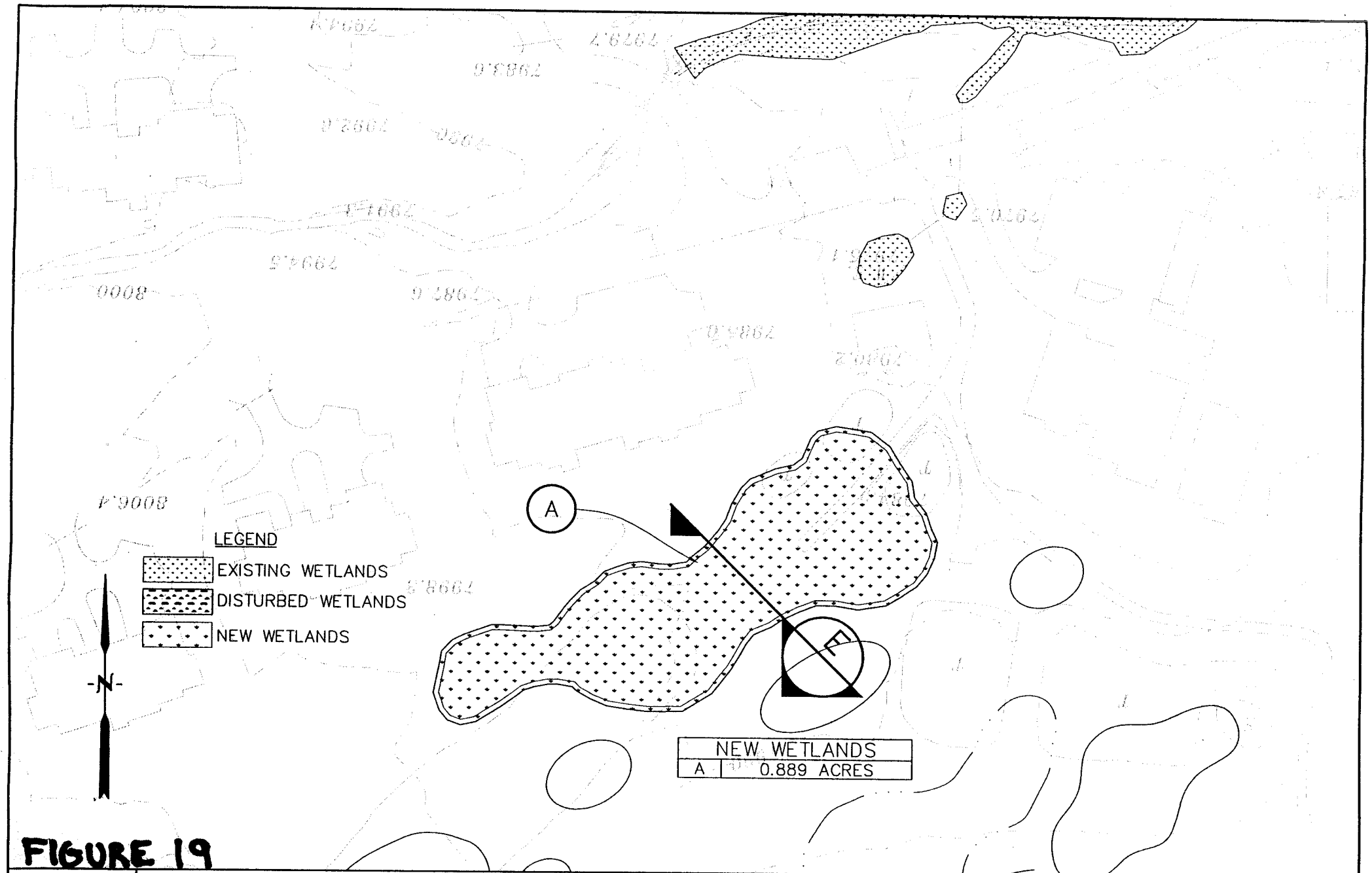


FIGURE 19

WETLAND DELINEATION
NEW WETLANDS AND DISTURBED AREAS

SCALE 1"=100'

Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001	DWG. NO. FILE
JOB NO: EW-1155	SHEET OF

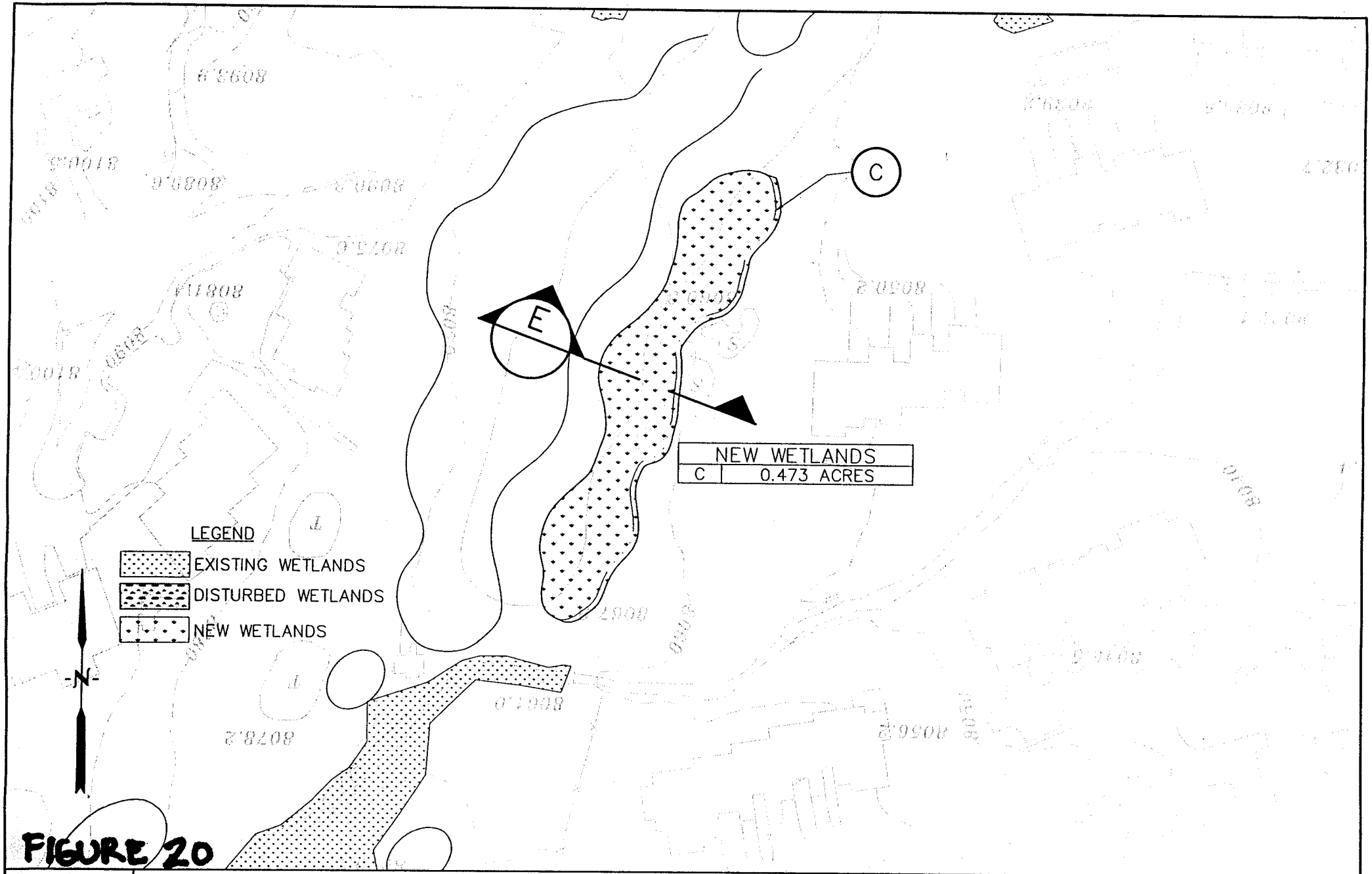


FIGURE 20

WETLAND DELINEATION
NEW WETLANDS AND DISTURBED AREAS

SCALE 1"=100'

Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001	DWG. NO. FILE
JOB NO: EW-1155	SHEET OF

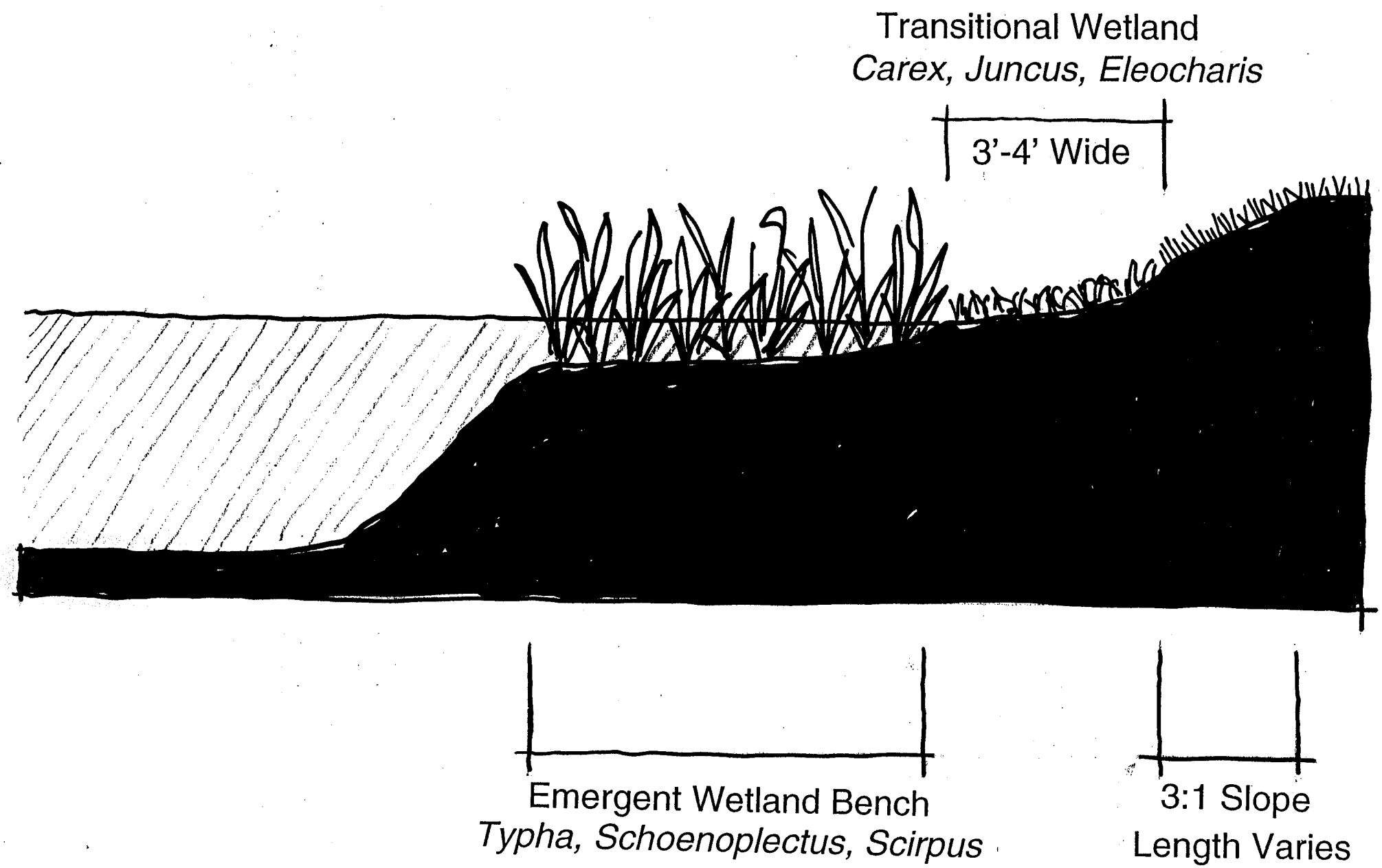
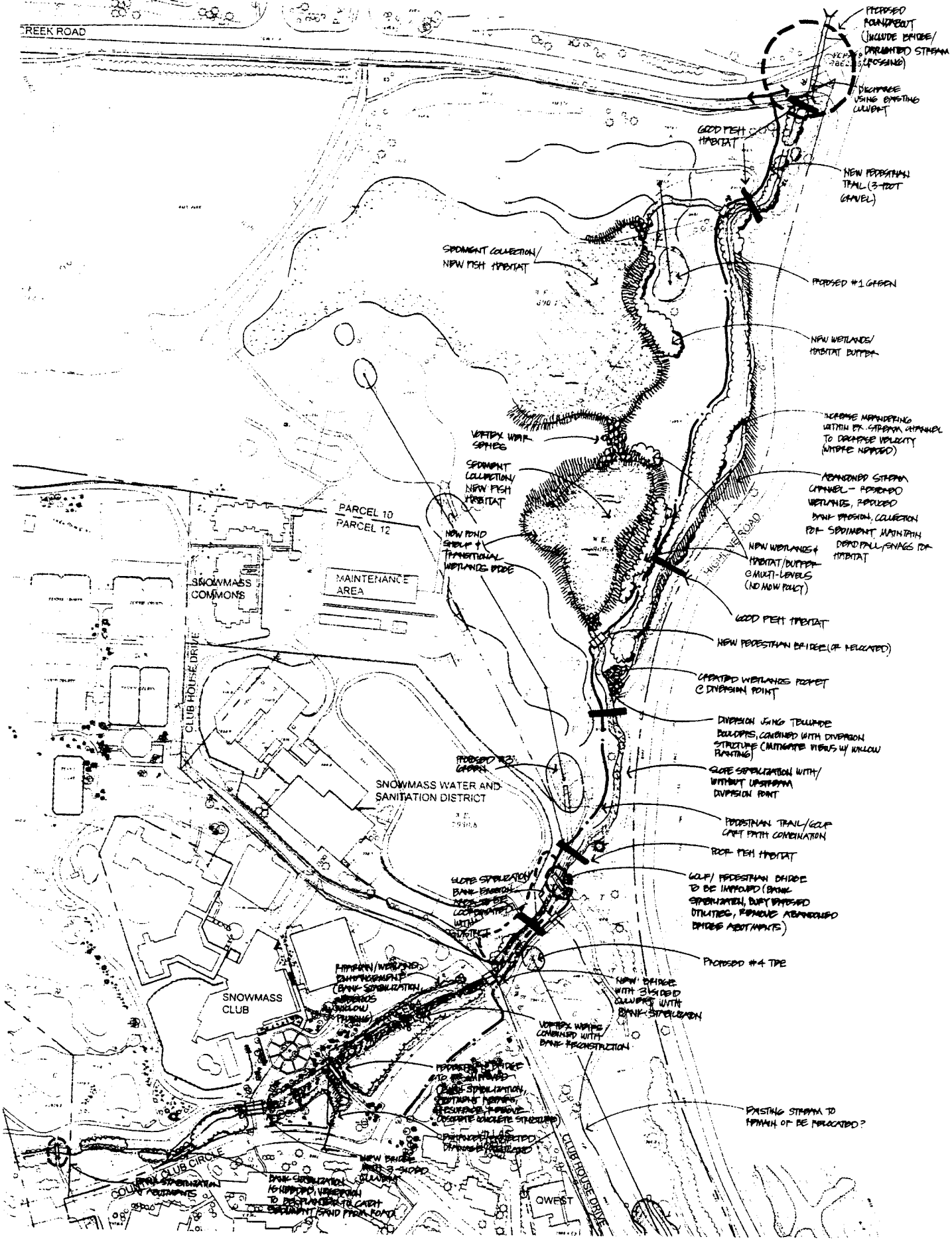


FIGURE 21

Typical Wetland Section (N.T.S.)



SNOWMASS CLUB Snowmass Village, Colorado

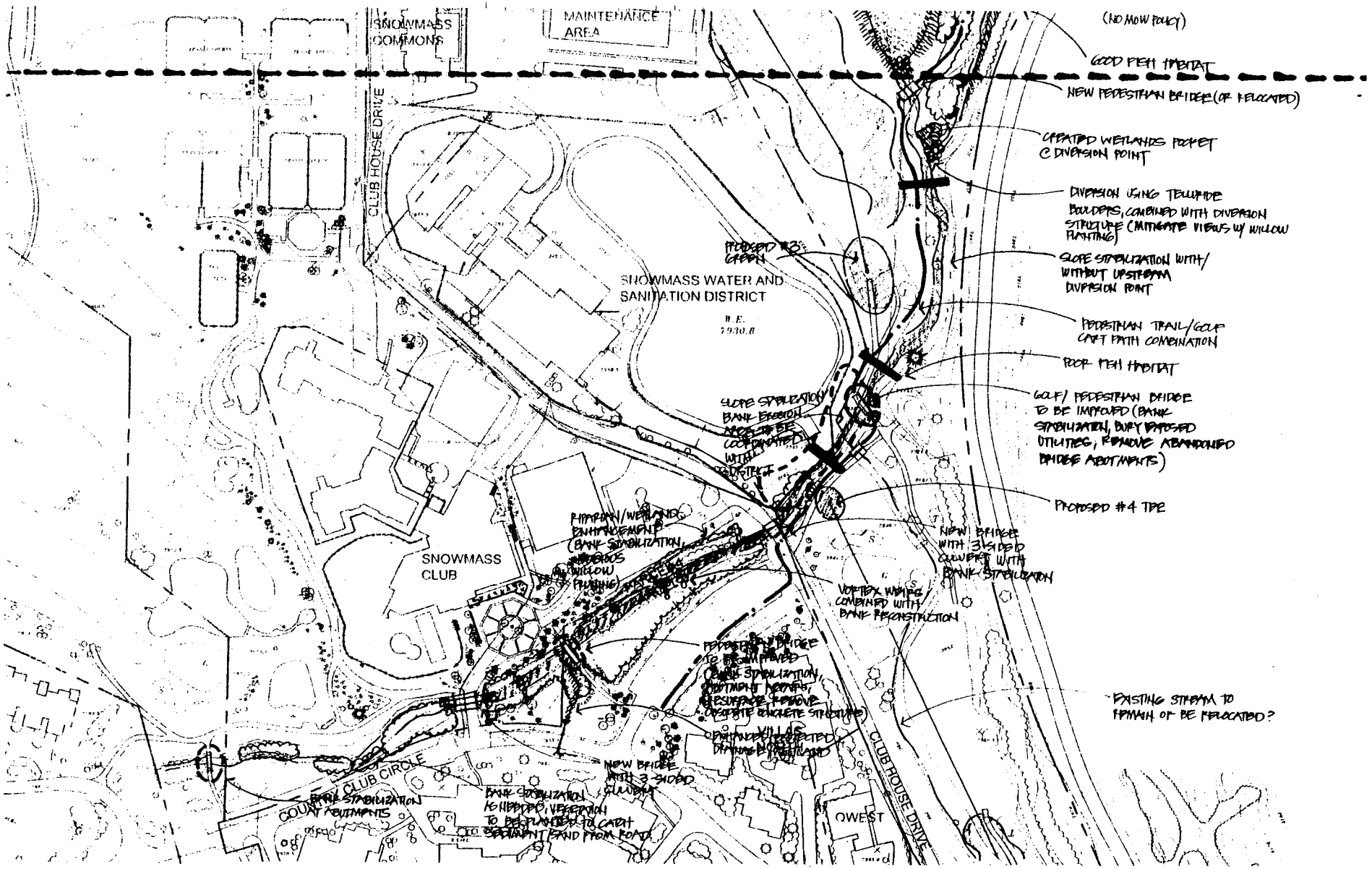
Aspen Skiing Company

BRUSH CREEK ENHANCEMENT- Illustrative Plan

FIGURE 22

DESIGNWORKSHOP

07/31/01



SNOWMASS CLUB Snowmass Village, Colorado

Aspen Skiing Company

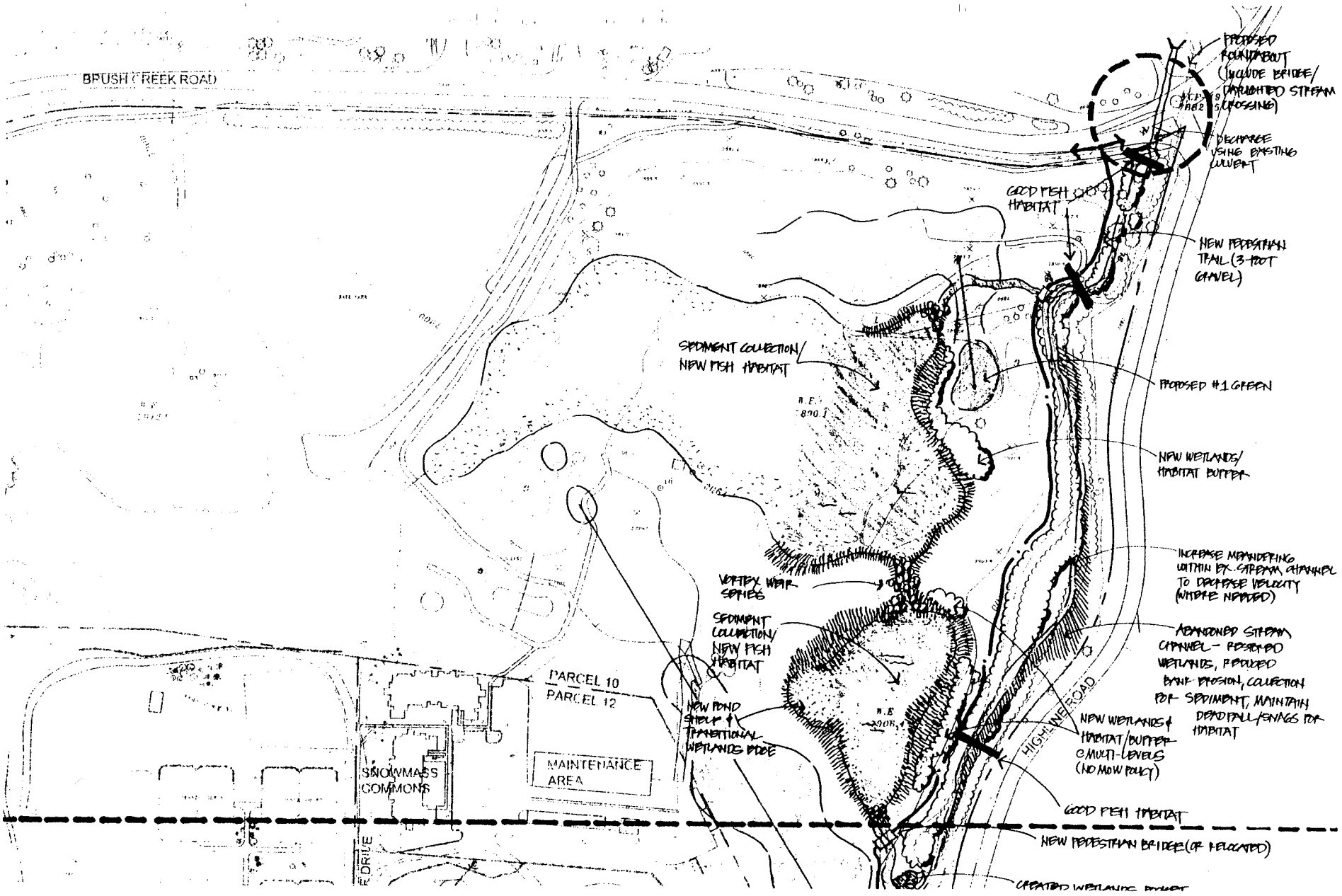
FIGURE 23

BRUSH CREEK ENHANCEMENT- Enlargement B

NORTH 0 40 80 160 1:80

DESIGNWORKSHOP

07/31/01



SNOWMASS CLUB Snowmass Village, Colorado

Aspen Skiing Company

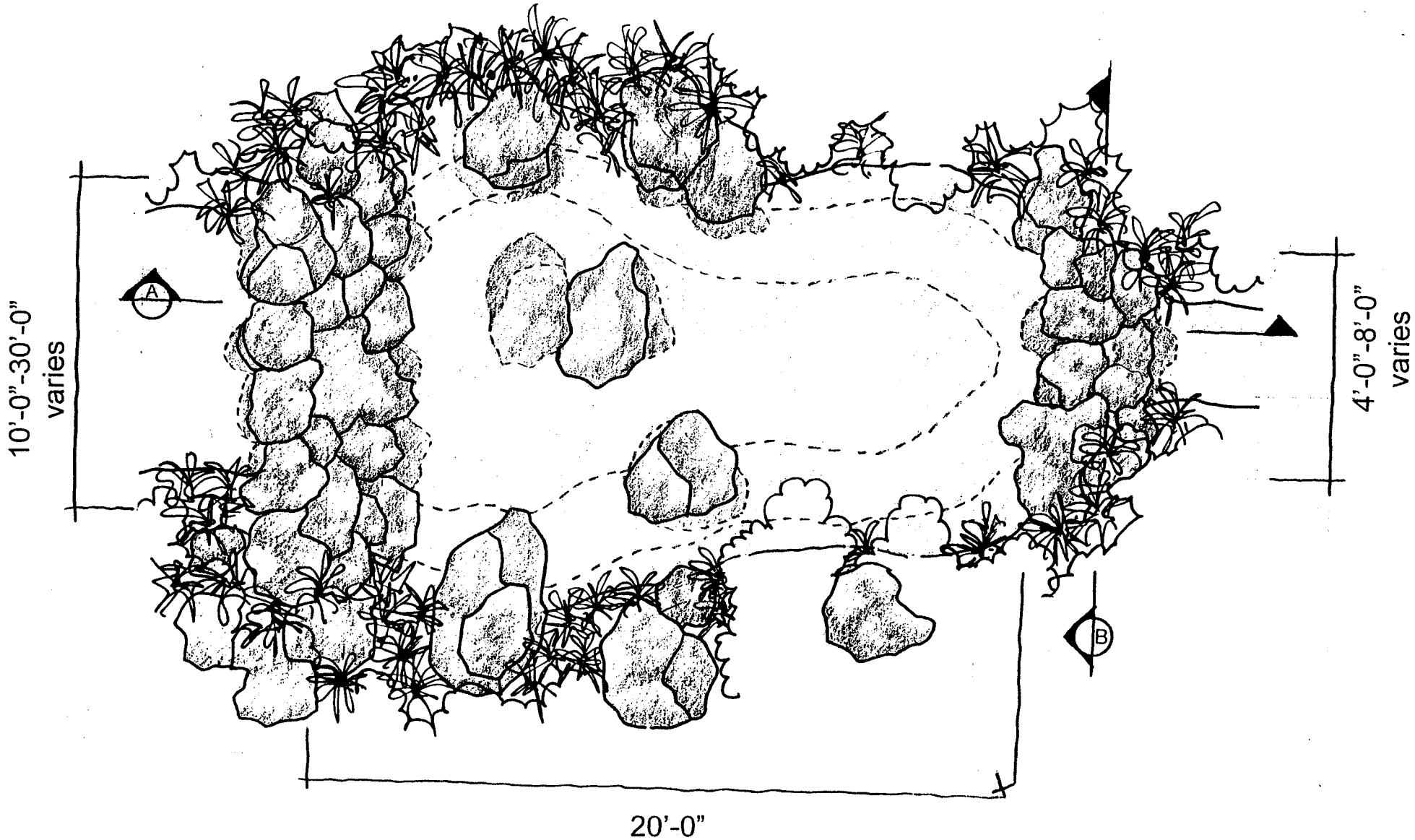
FIGURE 24

BRUSH CREEK ENHANCEMENT- Enlargement A

NORTH 0 40 80 160 1:80

DESIGNWORKSHOP

07/31/01



Typical Creek Plan (N.T.S.)

SNOWMASS CLUB Snowmass Village, Colorado

Aspen Skiing Company

FIGURE 25

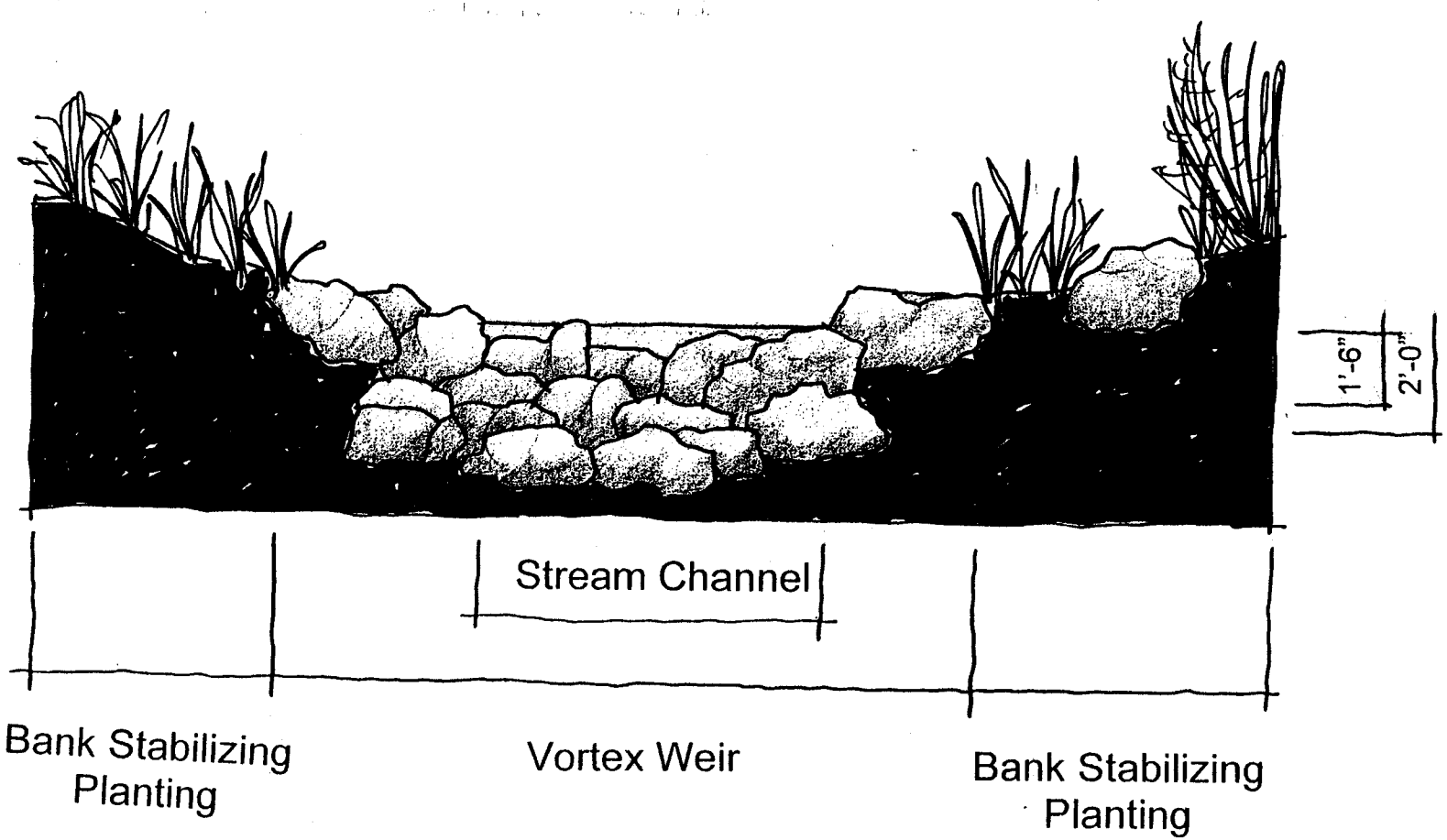
BRUSH CREEK - Typical Creek Plan

NORTH NTS

DESIGN WORKSHOP

120 East Main Street • Aspen, Colorado 81611 • Phone 970-925-8354 • Facsimile 970-925-1367

07/31/01



Typical Creek Section B (N.T.S.)

SNOWMASS CLUB Snowmass Village, Colorado
Aspen Skiing Company

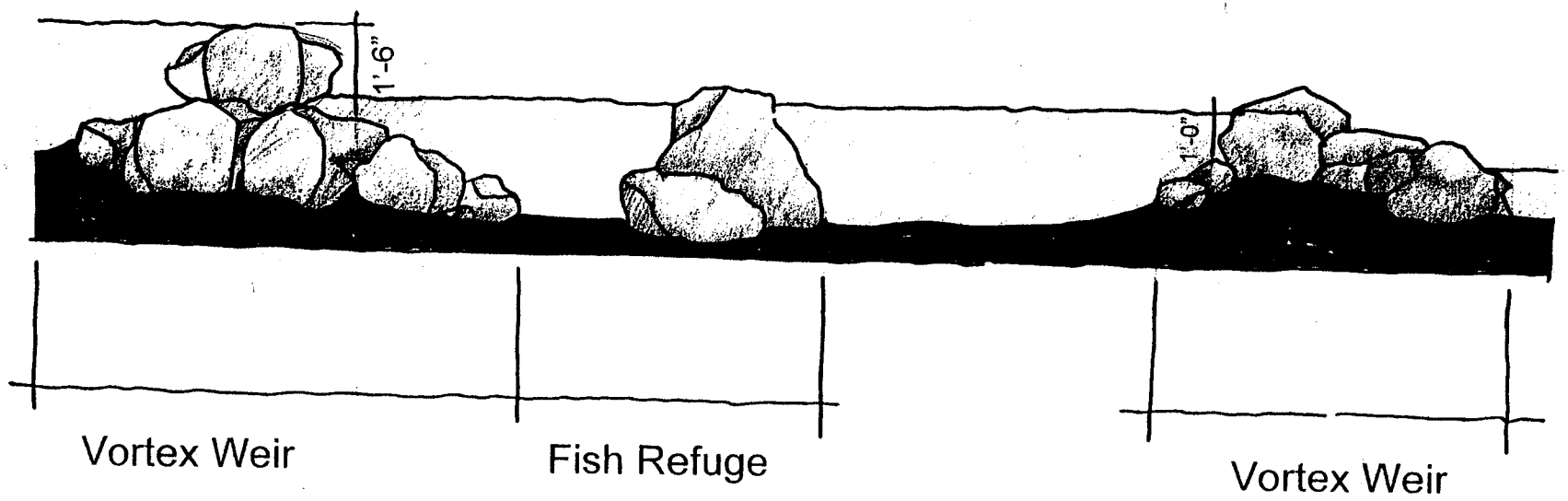
FIGURE 26

BRUSH CREEK - Typical Creek Section B

DESIGNWORKSHOP
120 East Main Street • Aspen, Colorado 81611 • Phone 970 925 8354 • Facsimile 970 920 1387

NORTH NTS

07/31/01



Typical Creek Section A (N.T.S.)

SNOWMASS CLUB Snowmass Village, Colorado

Aspen Skiing Company

FIGURE 27

BRUSH CREEK - Typical Creek Section A

NORTH NTS

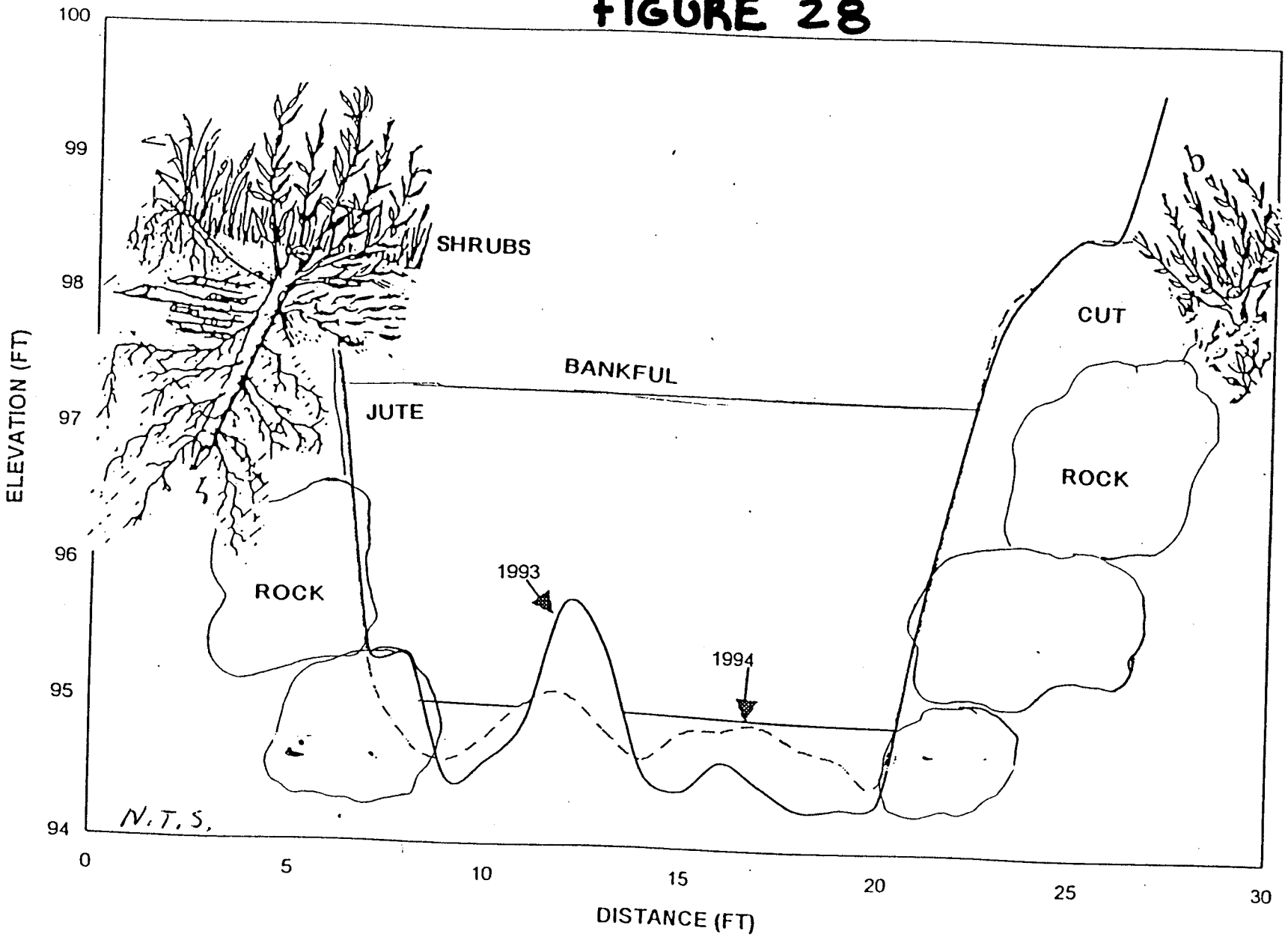
DESIGN WORKSHOP

07/31/01

BRUSH CREEK

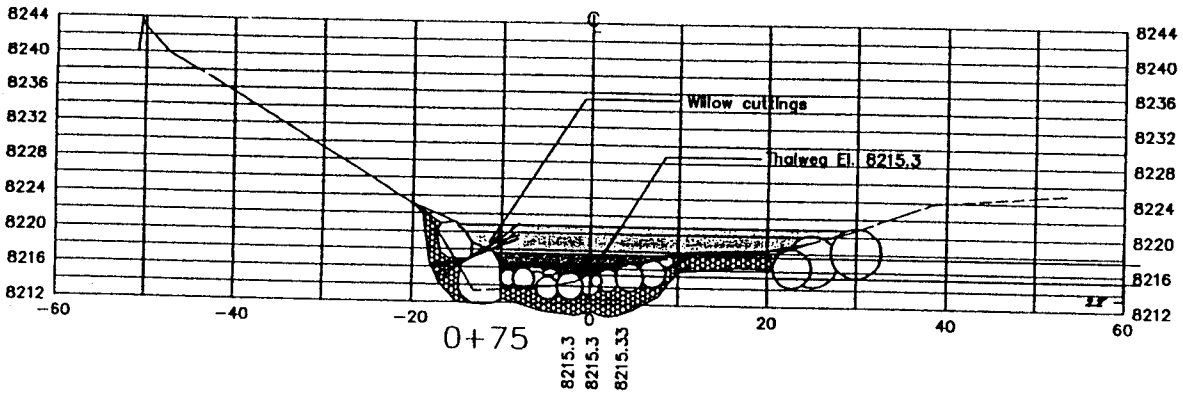
TYPICAL CROSS SECTION

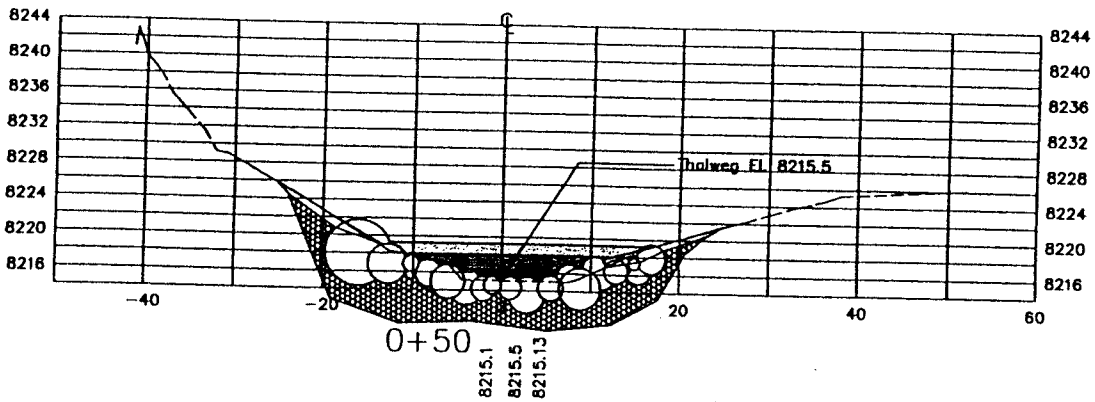
FIGURE 28



TYPICAL CROSS SECTION

FIGURE 29





Flood Prone Area
Bankfull Area
Low Flow Area

N.T.S.

Not for Construction
Preliminary Only

Town of Snowmass Village
Brush Creek Restoration

Block 22

TABLE 1

Surface area in acres of wetland or other waters filled: The following table lists the acreages for all of the wetlands or ponds (as waters of the U.S.) proposed to be filled.

Area No. / Acreage	Area No. / Acreage	Area No. / Acreage
1 / 0.911	9 / 0.028	14 Pond / 1.269
2 / 0.015	10 / 0.252	15 / 0.040
3 / 0.223	10 Pond / 2.009	15 Pond / 0.559
4 / 0.107	11 / 0.085	16 / 0.008*
5 / 0.212	11 Pond / 1.971	17 / 0.008*
6 / 0.045	12 / 0.412	18 / 0.011*
7 / 0.028	13 / 0.036	19 / 0.011*
8 / 0.019	14 / 0.176	20 / 0.017*

* No fill proposed, disturbance only, due to construction.

5.452

Block 21

TABLE 2

Types of materials being discharged and the amount of each type in cubic yards: The vast majority of the fill will be compacted native soil. Area 11 will have a building constructed on top of it with both earth fill and structural fill prior to placement of a concrete floor slab. Area 13 will have an access road constructed over it. Areas 16, 17, 18, 19 and 20 will not have any fill placed and will only be disturbed due to construction activity. The following table lists fill volume and type.

Area No.	Fill Volume in Cubic Yards(CY)	Type of Fill
1 (North)	8,333	Compacted Native Soil
1 (Middle)	2,000	Compacted Native Soil
1 (South)	Dredge only 5,232	---------
2	48	Compacted Native Soil
3	2,518	Compacted Native Soil
4	863	Compacted Native Soil
5	1,026	Compacted Native Soil
6	218	Compacted Native Soil
7	361	Compacted Native Soil
8	245	Compacted Native Soil
9	361	Compacted Native Soil
10	4066	Compacted Native Soil
10 Pond Water Area	Dredge only 16,203	---------
11	1371	Compacted Native Soil
11 Pond Area	20,665	Compacted Native Soil
11 Pond Area	9,538	Approximately 3 Feet Structural Fill
11 Pond Area	1,590	Approximately 6 Inch Concrete Slab
12	3,323	Compacted Native Soil
13	116	Compacted Native Soil
13	58	Approx. 12" Road Base w/Asph. Pave.
14	2839	Compacted Native Soil
14 Pond Area	16,378	Compacted Native Soil
15	645	Compacted Native Soil
15 Pond Area	7,210	Compacted Native Soil
16	No Fill, Disturbance Only	Revegetation
17	No Fill, Disturbance Only	Revegetation
18	No Fill, Disturbance Only	Revegetation
19	No Fill, Disturbance Only	Revegetation
20	No Fill, Disturbance Only	Revegetation

TABLE 3

DISTURBED WETLANDS

NODE	AREA
1	0.911 ACRES
2	0.015 ACRES
3	0.223 ACRES
4	0.107 ACRES
5	0.212 ACRES
6	0.045 ACRES
7	0.028 ACRES
8	0.019 ACRES
9	0.028 ACRES
10	0.252 ACRES
11	0.085 ACRES
12	0.412 ACRES
13	0.036 ACRES
14	0.176 ACRES
15	0.040 ACRES
16	0.008 ACRES
17	0.008 ACRES
18	0.011 ACRES
19	0.011 ACRES
20	0.0197 ACRES
TOTAL	= 2.6464 ACRES

NEW WETLANDS

NODE	AREA
A	0.889 ACRES
B	0.537 ACRES
C	0.473 ACRES
D	0.306 ACRES
E	1.374 ACRES
F	0.393 ACRES
G	1.967 ACRES
H	0.071 ACRES
TOTAL	= 6.010 ACRES

WETLANDS AREA SUMMARY

Drexel, Barrell & Co.
Engineers • Surveyors

DATE: 5 JULY 2001
JOB NO: EW-1155
DWG. NO. FILE
SHEET OF