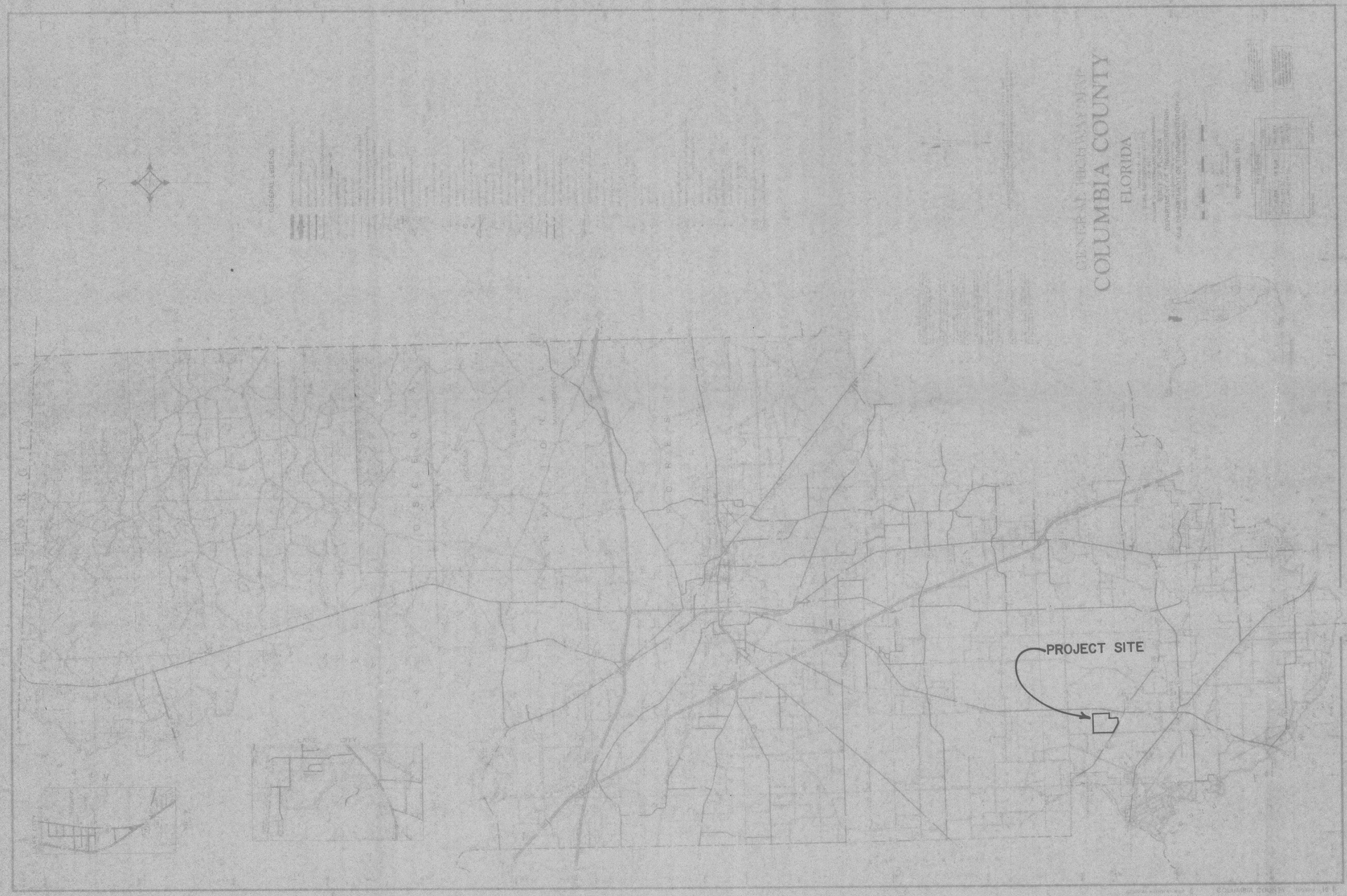
4-87-00105 - ICHETUCKNEE PINES SUBDIVISION

ICHETUCKNEE PINES SUBDIVISION



INDEX

MAY 12, 1987

PREPARED FOR

THE
PATTEN CORPORATION
SOUTH ATLANTIC
P.O. BOX 2299
LAKE CITY, FL. 32056

BY

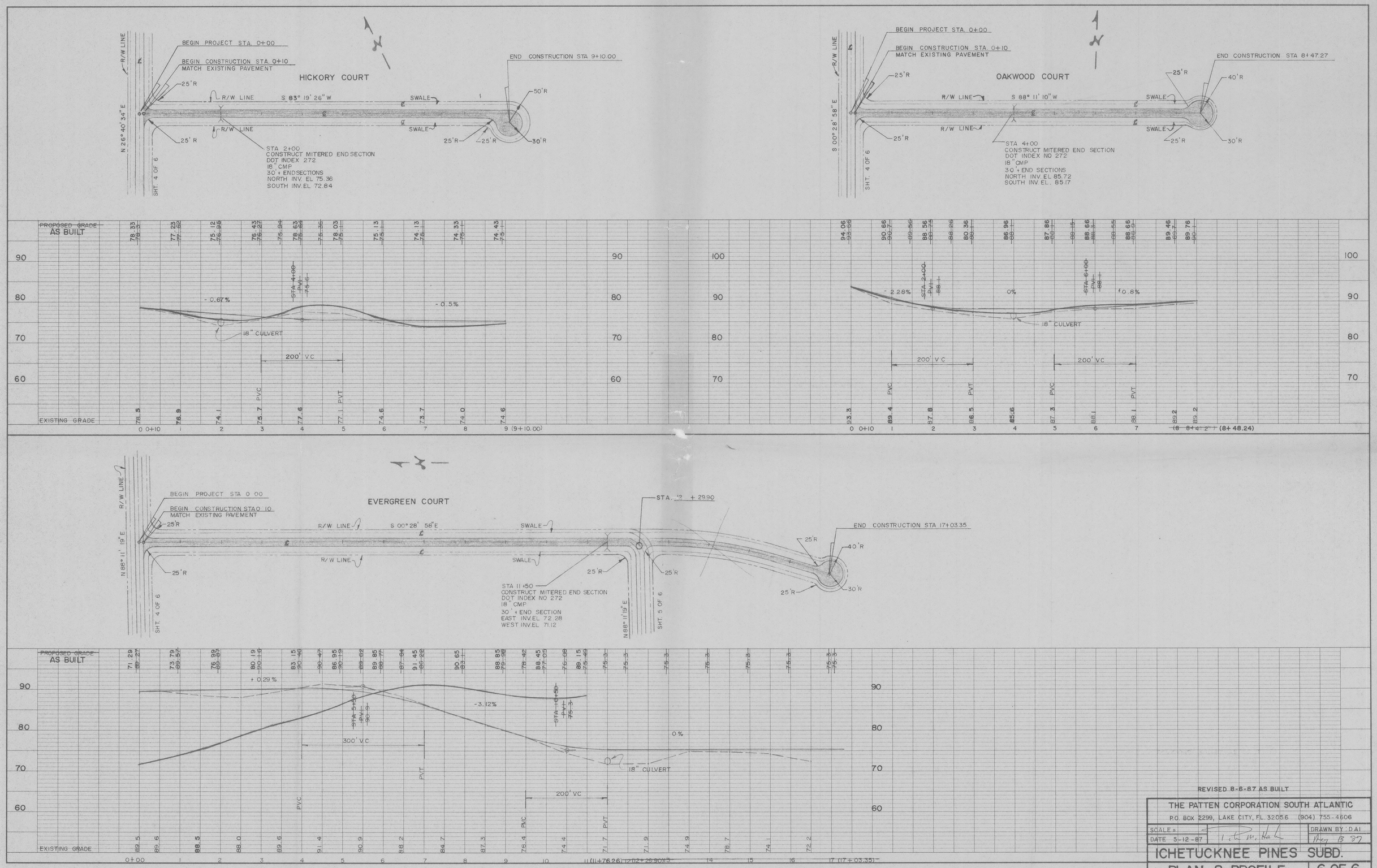
SUWANNEE VALLEY
ENGINEERING
P.O. BOX 1388
LIVE OAK, FL.
32060

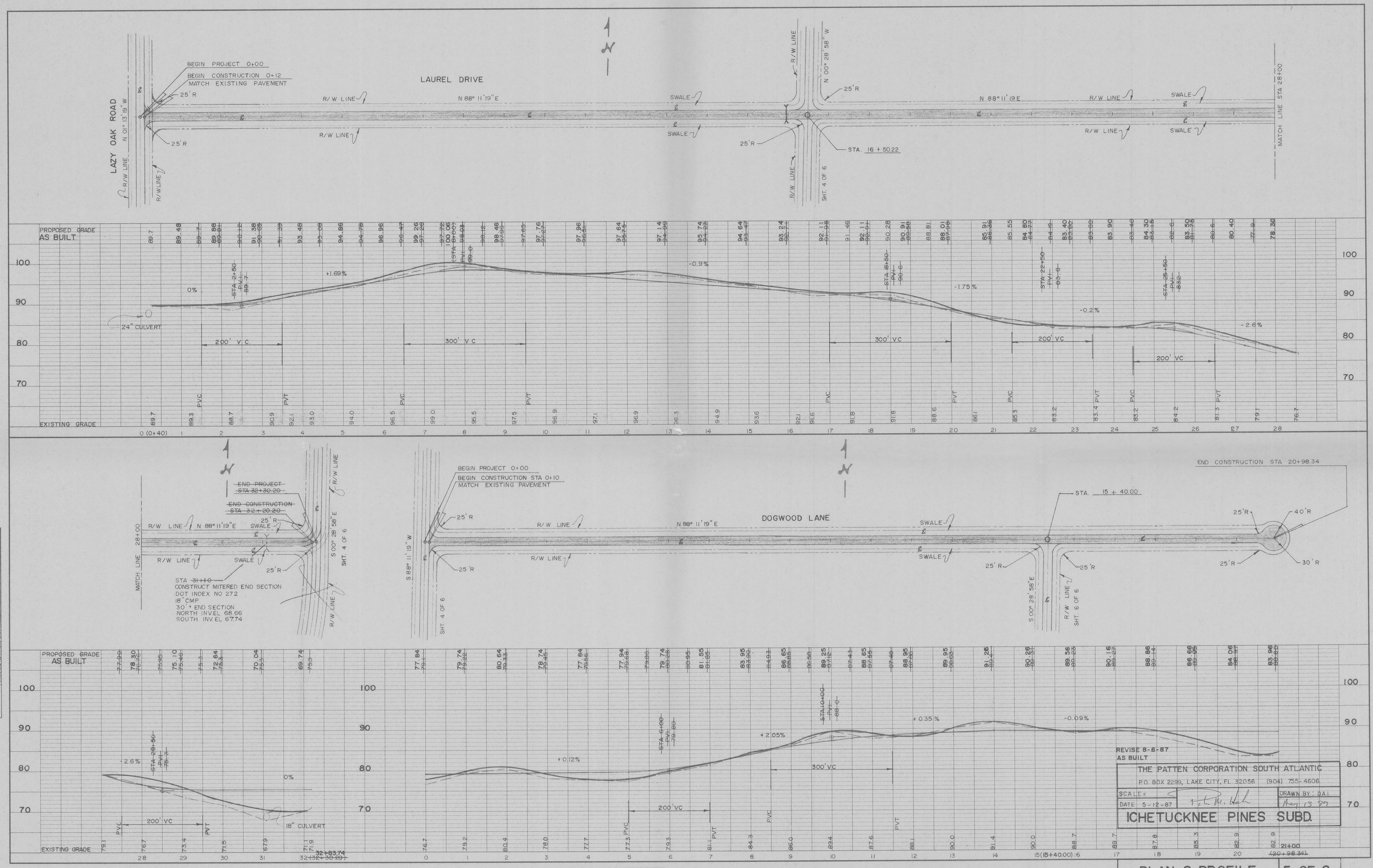
AS-BUILTS
FRP Permit#
4-87-00105

Bk #4
4-87-00105

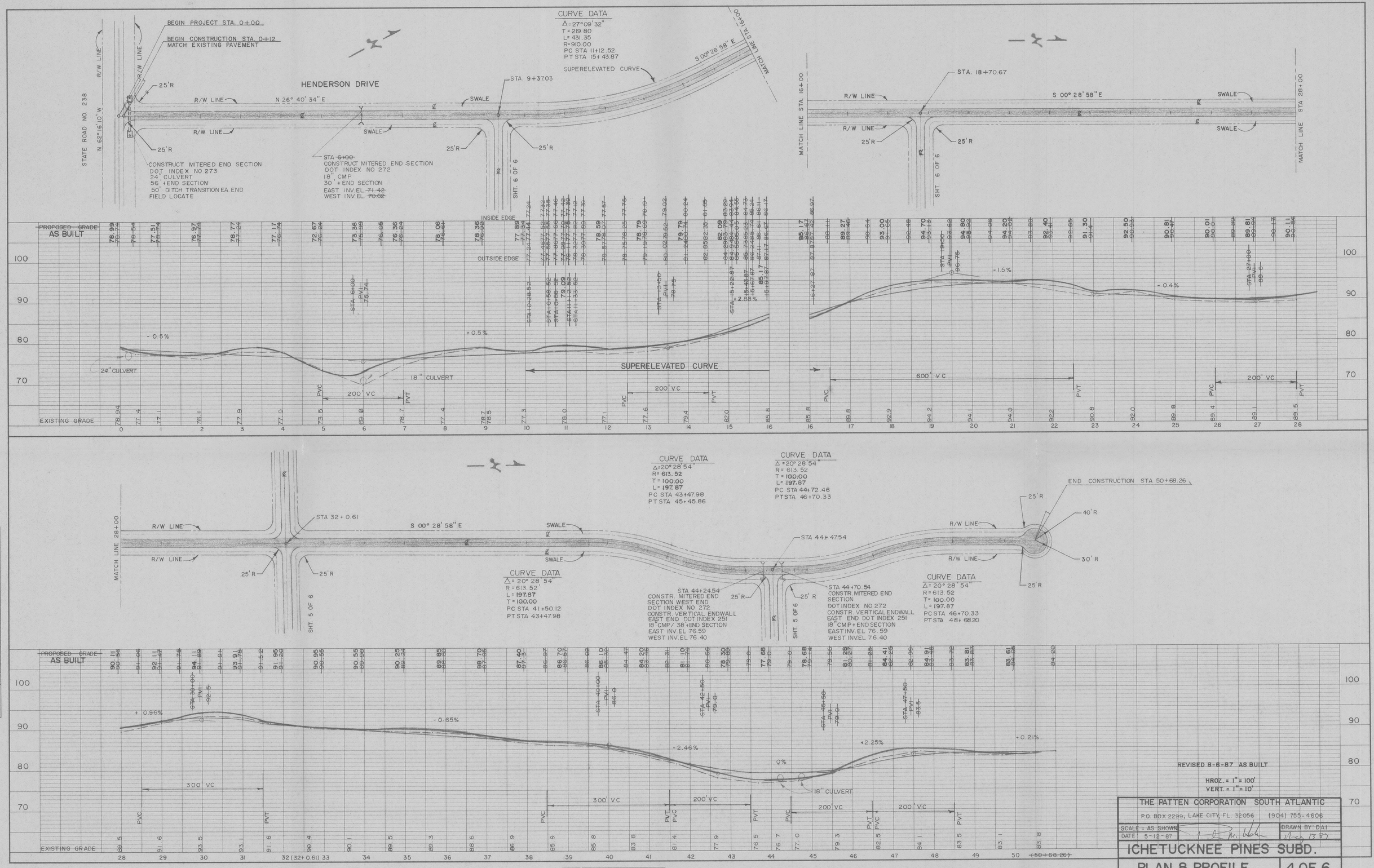
HAND DELIVERED
DATE 8-13-87

Aug 13 87


HICKORY COURT
BEGIN PROJECT STA. 0+00
BEGIN CONSTRUCTION STA. 0+10
MATCH EXISTING PAVEMENT
END CONSTRUCTION STA 9+10.00
R/W LINE
N 26° 40' 34" E
S 83° 19' 26" W
SWALE
25'R
50'R
30'R
STA 2+00
CONSTRUCT MITERED END SECTION
DOT INDEX 272
18" CMP
30' + END SECTIONS
NORTH INV. EL 75.36
SOUTH INV. EL 72.84
SHT. 4 OF 6
PROPOSED GRADE
AS BUILT
EXISTING GRADE
- 0.67%
- 0.5%
18" CULVERT
200' V.C.
PVC
PVT
OAKWOOD COURT
BEGIN PROJECT STA. 0+00
BEGIN CONSTRUCTION STA. 0+10
MATCH EXISTING PAVEMENT
END CONSTRUCTION STA 8+47.27
S 00° 28' 58" E
S 88° 11' 10" W
40'R
STA 4+00
CONSTRUCT MITERED END SECTION
DOT INDEX NO 272
18" CMP
30' + END SECTIONS
NORTH INV. EL 85.72
SOUTH INV. EL. 85.17
SHT. 4 OF 6
- 2.28%
0%
+0.8%
(8+48.24)
EVERGREEN COURT
BEGIN PROJECT STA 0 00
BEGIN CONSTRUCTION STA 0 10
MATCH EXISTING PAVEMENT
END CONSTRUCTION STA 17+03.35
N 88° 11' 19" E
S 00° 28' 56" E
STA. 12 + 29.90
STA 11+50
CONSTRUCT MITERED END SECTION
DOT INDEX NO 272
18" CMP
30' + END SECTION
EAST INV. EL 72.28
WEST INV. EL 71.12
SHT. 5 OF 6
+ 0.29 %
-3.12%
0 %
300' V.C
200' V.C
EXISTING GRADE
PLAN
PROFILE
NOTE BOOK
No.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RE-OF-WAY CHECKED
GRADES CHECKED
R/W NOTES
STRUCTURE NOTATIONS CHECKED
BY
DATE
REVISED 8-6-87 AS BUILT
THE PATTEN CORPORATION SOUTH ATLANTIC
P.O. BOX 2299, LAKE CITY, FL. 32056 (904) 755-4606
SCALE =
DATE 5-12-87
DRAWN BY: D.A.I.
ICHETUCKNEE PINES SUBD.
PLAN & PROFILE
6 OF 6
KEUFFEL & ESSER
PLATE 2, FLAT PLAN-PROFILE
48 7032 Made in U.S.A.



PLAN & PROFILE 5 OF 6



REVISED 8-6-87 AS BUILT

HROZ. = 1" = 100'
VERT. = 1" = 10'

THE PATTEN CORPORATION SOUTH ATLANTIC
P.O. BOX 2299, LAKE CITY, FL. 32056 (904) 755-4606

SCALE = AS SHOWN
DATE: 5-12-87
DRAWN BY: DAI
March 13 '87

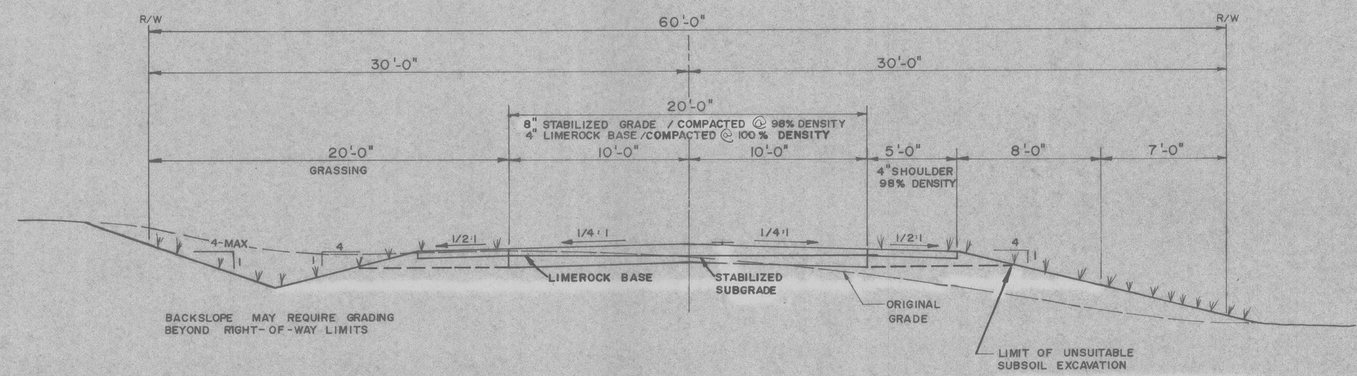
ICHETUCKNEE PINES SUBD.

PLAN & PROFILE

4 OF 6

KEUFFEL & ESSER A KRATOS Company PLATE 2, FLAT PLAN-PROFILE

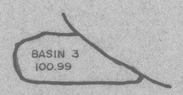
48 7032 Made in U.S.A.



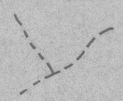
TYPICAL ROADWAY DETAIL

DRAINAGE SCHEDULE

BASIN	AREA	L.O.T.	SOIL TYPE	SLOPE
1	32.644	1400'	A-3	1.07
2	14.729	700'	A-3	2.86
3	18.118	1300'	A-3	1.54
4	11.166	800'	A-3	2.50
5	8.549	500'	A-3	2.00
6	41.44	1400'	A-3	5.00
7	10.009	600'	A-3	2.08
8	25.344	1250'	A-3	2.00
9	7.759	850'	A-3	1.18
10	19.100	900'	A-3	1.11
11	40.404	1200'	A-3	2.92
12	15.794	1300'	A-3	.58
13	22.590	1250'	A-3	1.00
14	8.907	800'	A-3	2.19
15	60.331	1600'	A-3	1.56
16	4.959	600'	A-3	1.67
17	8.310	1100'	A-3	.91
18	1.699	250'	A-3	2.00
19	38.567	1500'	A-3	1.33
20	8.081	900'	A-3	1.67



Denotes 100 yr/24 hour Flood elevation



Watershed Boundary

GENERAL NOTES

1) ALL ROADWAY CONSTRUCTION SHALL BE ACCORDING TO FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", 1986, SECTIONS REFERENCED BY FOLLOWING NOTES.

2) MOBILIZATION SHALL INCLUDE GENERAL CONSTRUCTION OPERATIONS TO BE PAID FOR AS ONE LUMP SUM ACCORDING TO THE REQUIREMENTS OF THE FOLLOWING D.O.T. SECTION NUMBERS:

   A. 100 - CONSTRUCTION EQUIPMENT
   B. 101 - MOBILIZATION
   C. 102 - MAINTENANCE OF TRAFFIC
   D. 104 - PREVENTION, CONTROL & DEBATEMENT OF EROSION & WATER POLLUTION

3) CLEARING & GRUBBING - THE CONTRACTOR SHALL REMOVE ALL DEBRIS WITHIN THE LIMITS OF CLEARING & GRUBBING AS INDICATED BY THE SITE PLAN, ACCORDING TO SECTION 110.

4) EXCAVATION AND EMBANKMENT SHALL BE CONDUCTED ACCORDING TO SECTION 120 AS IT APPLIES TO REGULAR ROADWAY EXCAVATION AND SUBSOIL EXCAVATION. ALL EXCAVATED MATERIALS MAY BE DEPOSITED ON SITE AT THE DIRECTION OF THE FIELD ENGINEER. UNSUITABLE SUBSOIL SHALL BE INDENTIFIED BY THE FIELD ENGINEER BEFORE IT'S EXCAVATION. THE SOILS MAY BE DEPOSITED ON SITE AT THE DIRECTION OF THE FIELD ENGINEER AND BORROW MATERIAL FOR UNSUITABLE SUBSOIL REPLACEMENT MAY BE TAKEN FROM THE SITE AT AREAS APPROVED BY THE FIELD ENGINEER.

5) A 8" STABILIZED GRADE SHALL BE CONSTRUCTED ACCORDING TO SECTION 160 AS APPLIED TO TYPE B STABILIZING. THE SPECIFIED BEARING VALUE FOR THE 8" STABILIZED SUBGRADE IS AT 98% OF THE MAXIMUM DENSITY AS DETERMINED BY TEST METHOD D OF AASHTO-T180 (MODIFIED).

   THE CONTRACTOR SHALL ALSO STABILIZE THE ROADWAY SHOULDERS TO A DEPTH OF 4".

6) CULVERTS SHALL CONSIST OF ASPHALT COATED CORRUGATED METAL PIPE CONSTRUCTED ACCORDING TO SECTION 430. MITERED END SECTIONS FOR STANDARD ENDWALLS SHALL CONFORM TO D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS AS REQUIRED BY THE PLANS.

7) THE CONTRACTOR SHALL GRASS ALL DISTURBED AREAS AT THE DIRECTION OF THE FIELD ENGINEER ACCORDING TO SECTION 570. THE CONTRACTOR SHALL SEED, MULCH, FERTILIZE AND WATER.

8) HIGHWAY SIGNING SHALL BE IN ACCORDANCE TO SECTION 700. THE ROAD SIDE SIGN SUPPORTS SHALL BE FRANGIBLE IN ACCORDANCE W/ COLUMBIA COUNTY CODES

9) ALL MATERIALS USED BY THE CONTRACTOR FOR CONSTRUCTION ON THE PROJECT SHALL CONFORM TO DIVISION III.

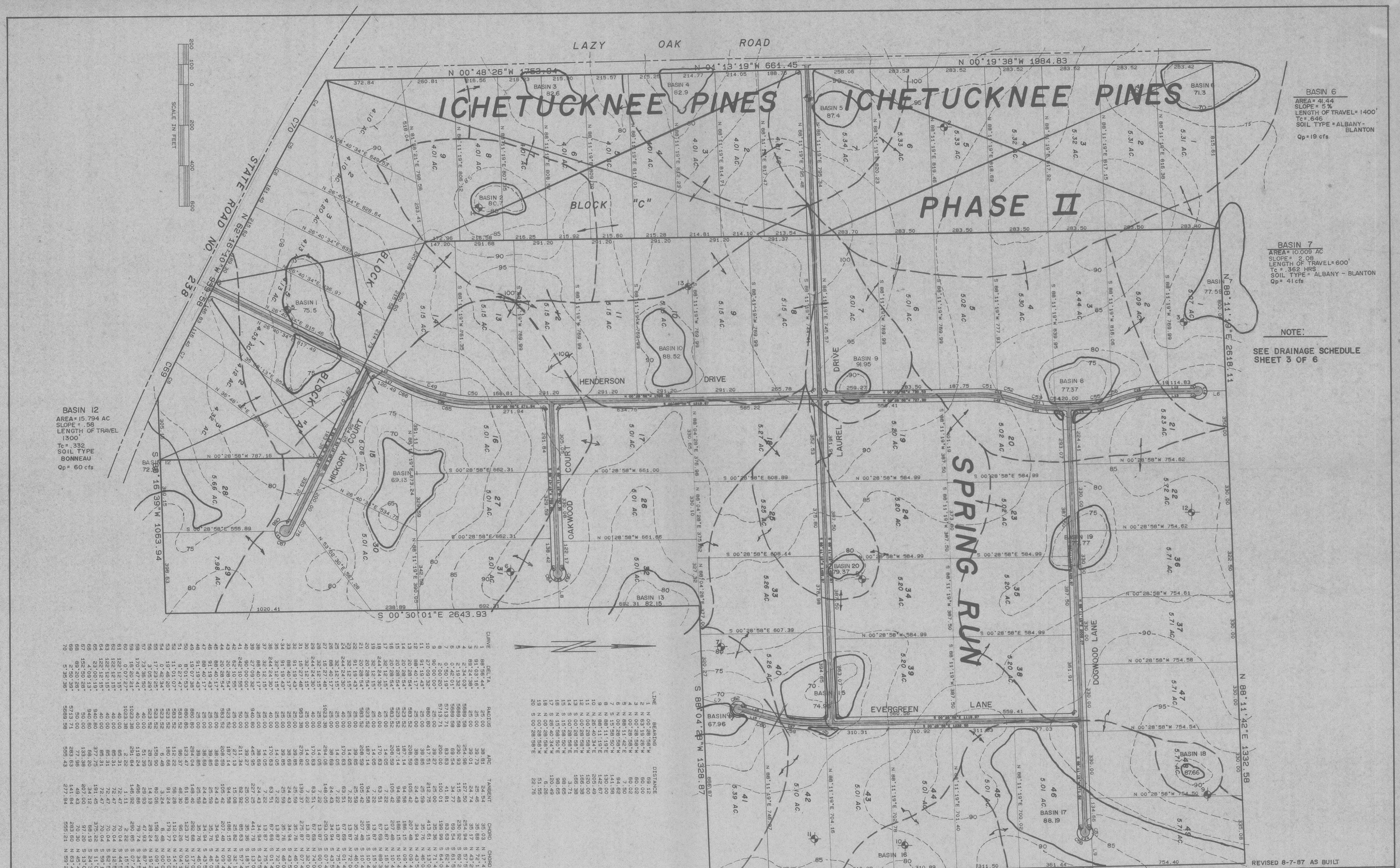
REVISED 8-7-87 AS BUILT

THE PATTEN CORPORATION SOUTH ATLANTIC
P.O. BOX 2299, LAKE CITY, FL. 32056 (904) 755-4606

SCALE = 1/4" = 1'		DAI
DATE 5-12-87	Tech M. Hack	May 13 87

ICHETUCKNEE PINES SUBD.

DETAIL SHEET — 3 OF 6



CURVE	DELTA	RADIUS	ARC	TANGENT	CHORD	CHORD BRG
1	88°55'44"	25.00	38.81	24.54	35.03	N 17°47'48"W
2	91°03'16"	25.00	39.73	25.46	35.68	N 72°12'12"E
3	89°24'38"	25.00	39.01	24.78	35.17	N 43°59'00"E
4	2°34'33"	5689.58	255.79	127.90	255.77	N 61°55'10"E
5	0°42'01"	5689.58	69.54	34.77	69.54	N 60°24'23"E
6	0°50'19"	5689.58	83.53	41.81	83.53	N 62°41'20"E
7	2°00'20"	5713.71	200.20	100.01	200.19	N 61°50'20"E
8	92°00'00"	25.00	40.14	25.75	35.96	N 71°40'34"E
9	27°09'32"	880.80	417.51	212.79	413.61	N 13°05'48"E
10	91°19'43"	25.00	39.85	25.59	35.76	N 46°08'50"W
11	88°40'17"	25.00	38.69	24.43	34.94	N 43°51'10"E
12	88°40'17"	25.00	38.69	24.43	34.94	N 43°51'10"E
13	20°28'54"	523.52	187.14	94.56	186.15	N 10°43'25"W
14	20°28'54"	523.52	187.14	94.56	186.15	N 10°43'25"E
15	20°28'54"	523.52	187.14	94.56	186.15	N 10°43'25"E
16	20°28'54"	523.52	187.14	94.56	186.15	N 10°43'25"W
17	24°24'30"	40.00	17.04	8.64	16.91	N 26°40'34"E
18	32°12'15"	40.00	22.47	11.59	22.17	N 10°28'58"E
19	20°28'54"	523.52	187.14	94.56	186.15	N 10°43'25"E
20	20°28'54"	523.52	187.14	94.56	186.15	N 10°43'25"W
21	50°28'54"	523.52	461.13	249.07	446.50	N 46°08'50"W
22	32°12'15"	25.00	14.05	7.22	13.87	N 72°05'11"E
23	32°12'15"	25.00	14.05	7.22	13.87	N 01°48'41"E
24	244°24'30"	40.00	170.63	63.51	163.24	N 43°59'00"E
25	32°12'15"	25.00	14.05	7.22	13.87	N 75°46'34"W
26	88°40'17"	25.00	38.69	24.43	34.94	N 43°51'10"E
27	32°12'15"	25.00	14.05	7.22	13.87	N 01°48'41"E
28	244°24'30"	40.00	170.63	63.51	163.24	N 43°59'00"E
29	88°40'17"	25.00	38.69	24.43	34.94	N 43°51'10"E
30	32°12'15"	25.00	14.05	7.22	13.87	N 75°46'34"W
31	91°19'43"	25.00	39.85	25.59	35.76	N 46°08'50"W
32	88°40'17"	25.00	38.69	24.43	34.94	N 43°51'10"E
33	88°40'17"	25.00	38.69	24.43	34.94	N 43°51'10"E
34	91°19'43"	25.00	39.85	25.59	35.76	N 46°08'50"W
35	32°12'15"	25.00	14.05	7.22	13.87	N 75°46'34"W
36	244°24'30"	40.00	170.63	63.51	163.24	N 43°59'00"E
37	32°12'15"	25.00	14.05	7.22	13.87	N 01°48'41"E
38	88°40'17"	25.00	38.69	24.43	34.94	N 43°51'10"E
39	88°40'17"	25.00	38.69	24.43	34.94	N 43°51'10"E
40	90°00'00"	25.00	39.27	25.00	35.36	N 45°28'01"W
41	242°10'55"	50.00	211.34	112.13	195.28	N 13°05'48"E
42	90°00'00"	25.00	39.27	25.00	35.36	N 57°46'01"W
43	20°28'54"	523.52	187.14	94.56	186.15	N 10°43'25"E
44	20°28'54"	523.52	187.14	94.56	186.15	N 10°43'25"W
45	91°19'43"	25.00	39.85	25.59	35.76	N 46°08'50"W
46	88°40'17"	25.00	38.69	24.43	34.94	N 43°51'10"E
47	88°40'17"	25.00	38.69	24.43	34.94	N 43°51'10"E
48	13°07'38"	880.00	201.57	101.35	201.10	N 10°40'50"W
49	8°01'53"	880.00	123.47	61.83	123.37	N 03°31'59"E
50	9°27'47"	880.00	145.30	72.79	145.15	N 14°25'25"E
51	9°27'47"	583.52	96.37	48.30	96.26	N 14°25'25"E
52	19°46'20"	583.52	194.12	98.24	193.22	N 10°06'46"E
53	0°42'34"	583.52	7.23	3.62	7.23	N 00°07'40"W
54	17°23'25"	583.52	177.09	89.24	176.40	N 09°30'40"W
55	73°35'50"	40.00	51.35	29.93	47.84	N 87°12'31"E
56	170°47'41"	40.00	119.24	79.74	159.90	N 34°59'44"W
57	16°20'21"	1023.38	291.84	146.92	290.85	N 07°41'13"W
58	10°07'27"	1023.38	180.82	90.64	180.57	N 45°53'42"W
59	16°20'21"	1023.38	291.84	146.92	290.85	N 07°41'13"W
60	10°07'27"	1023.38	180.82	90.64	180.57	N 45°53'42"W
61	122°12'15"	40.00	85.31	70.04	70.04	N 12°55'02"E
62	122°12'15"	40.00	85.31	70.04	70.04	N 62°54'49"E
63	122°12'15"	40.00	85.31	70.04	70.04	N 59°17'13"W
64	122°12'15"	40.00	85.31	70.04	70.04	N 62°54'49"E
65	24°09'13"	940.00	396.20	201.57	393.36	N 34°38'57"W
66	8°20'28"	940.00	136.82	68.59	136.69	N 13°05'48"W
67	155°20'28"	50.00	135.38	97.20	97.20	N 45°48'45"W
68	89°20'28"	50.00	77.96	49.43	70.30	N 45°48'45"W
69	2°50'38"	5713.71	283.43	141.74	283.41	N 59°26'22"W
70	5°35'36"	5689.58	277.94	139.07	277.91	N 59°26'22"W

LINE	BEARING	DISTANCE
1	N 00°28'58"W	69.12
2	N 63°19'26"W	60.00
3	N 00°28'58"W	60.02
4	N 00°28'58"W	7.55
5	N 88°11'42"E	7.50
6	N 00°28'58"W	94.62
7	S 15°58'50"W	141.58
8	N 88°11'19"E	141.50
9	N 88°11'19"E	142.67
10	N 26°40'34"E	205.49
11	N 00°28'58"W	160.00
12	N 00°28'58"W	160.00
13	S 00°28'58"E	186.38
14	S 00°28'58"E	3.71
15	S 15°58'50"W	98.65
16	N 15°58'50"E	98.65
17	N 15°58'50"E	98.65
18	N 00°28'58"W	6.28
19	N 00°28'58"W	51.55
20	S 00°28'58"E	22.75