

APPROVED BY:
 DATE: 4-27-77
 DATE: 4-27-77

NOTE: ARE OAK UNLESS
 OTHERWISE NOTED.
 TREES DENOTED BY
 FR INDICATED AN UNBALANCED
 TREE. THE SIZE INDICATES
 THE LIMITS OF AREA
 FOR GRAVITY SEWER SERVICE.

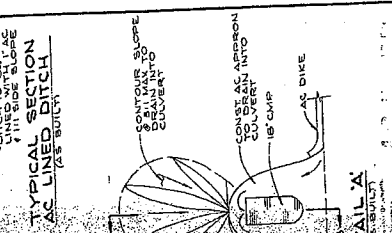
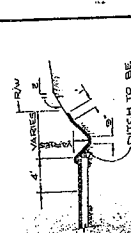
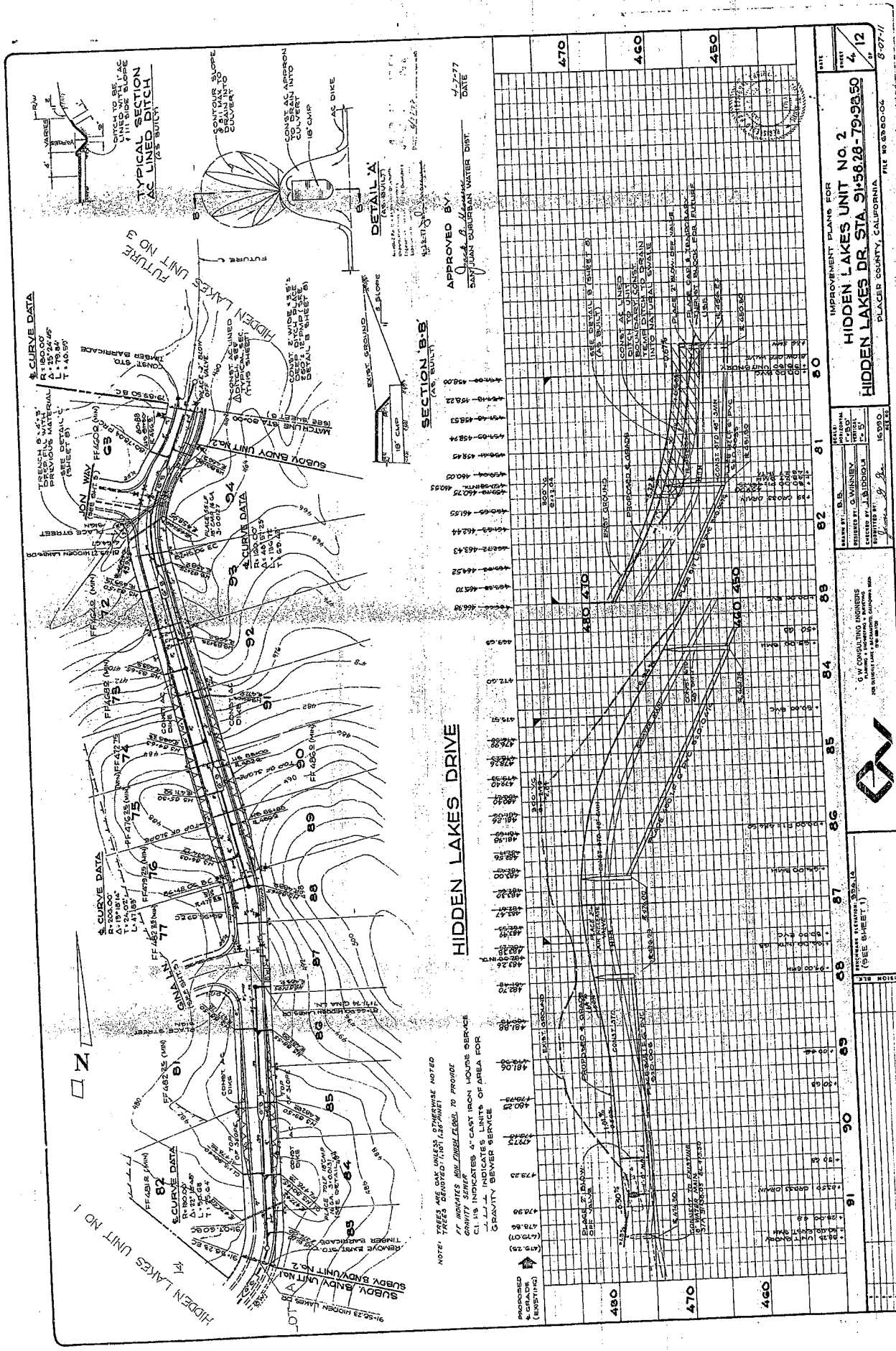
STATION	ELEVATION	DESCRIPTION
11	450.00	PROPOSED GRADE (EXISTING)
12	450.00	PROPOSED GRADE (EXISTING)
13	450.00	PROPOSED GRADE (EXISTING)
14	450.00	PROPOSED GRADE (EXISTING)
15	450.00	PROPOSED GRADE (EXISTING)
16	450.00	PROPOSED GRADE (EXISTING)
17	450.00	PROPOSED GRADE (EXISTING)
18	450.00	PROPOSED GRADE (EXISTING)
19	450.00	PROPOSED GRADE (EXISTING)
20	450.00	PROPOSED GRADE (EXISTING)
21	450.00	PROPOSED GRADE (EXISTING)
22	450.00	PROPOSED GRADE (EXISTING)
23	450.00	PROPOSED GRADE (EXISTING)
24	450.00	PROPOSED GRADE (EXISTING)
25	450.00	PROPOSED GRADE (EXISTING)
26	450.00	PROPOSED GRADE (EXISTING)



6-11 ENGINEERS
 1000 S. G STREET, SUITE 100
 SACRAMENTO, CALIFORNIA 95811
 PHONE (916) 441-1111

DATE: 4-27-77
 DRAWN BY: J. WINNEY
 CHECKED BY: J. WINNEY
 DESIGNED BY: J. WINNEY
 PROJECT NO. 12-58-48-24-51-56

IMPROVEMENT PLANS FOR
 HIDDEN LAKES UNIT NO. 2
 HIDDEN LAKES DR. STA. 12+58.48-24+51.56
 PLACER COUNTY, CALIFORNIA
 FILE NO. 6380-04
 SHEET 5 OF 12



APPROVED BY: *[Signature]*
 DATE: 1-27-77

SECTION 8.8
 (SEE SHEET 1)

HIDDEN LAKES DRIVE

NOTE: TREES TO BE REMOVED WHERE NOT OTHERWISE NOTED
 ** INDICATES 4" CAST IRON HOUSING SERVICE
 CL 11.5 INDICATES LIMITS OF AREA FOR GRAVITY BEWER SERVICE

DATE: 1-27-77
 SHEET NO. 4 OF 12
 PROJECT: HIDDEN LAKES UNIT NO. 2
 DRAWING NO. 91-58-28-79-28-50
 PLACED COUNTY, CALIFORNIA
 FILE NO. 6590-04

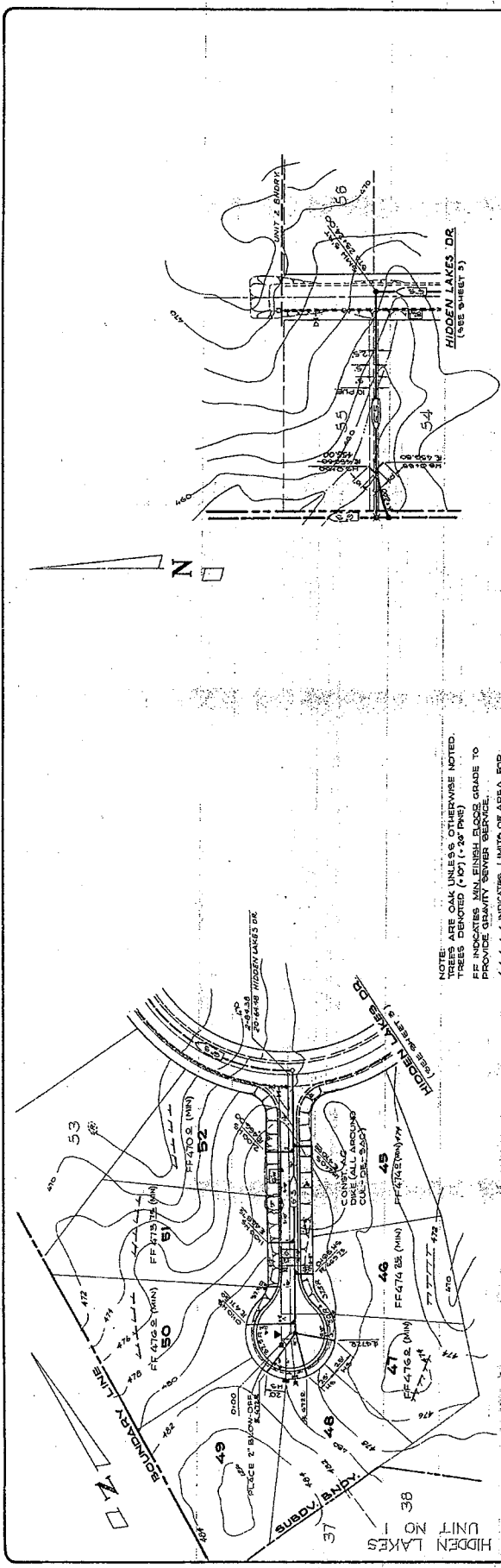
DESIGNED BY: B.S.
 CHECKED BY: G. WINNEY
 DRAWN BY: J. DODDLE
 DATE: 12-29-76

CONTRACTING BUSINESS
 JAMES J. HARRIS & PARTNERS
 280 HIDDEN LAKES DRIVE
 HIDDEN LAKES, CALIF. 94524

PROVISED (REVISION) 8.8.1
 (SEE SHEET 1)

NO.	DESCRIPTION	DATE
1	AS SHOWN	

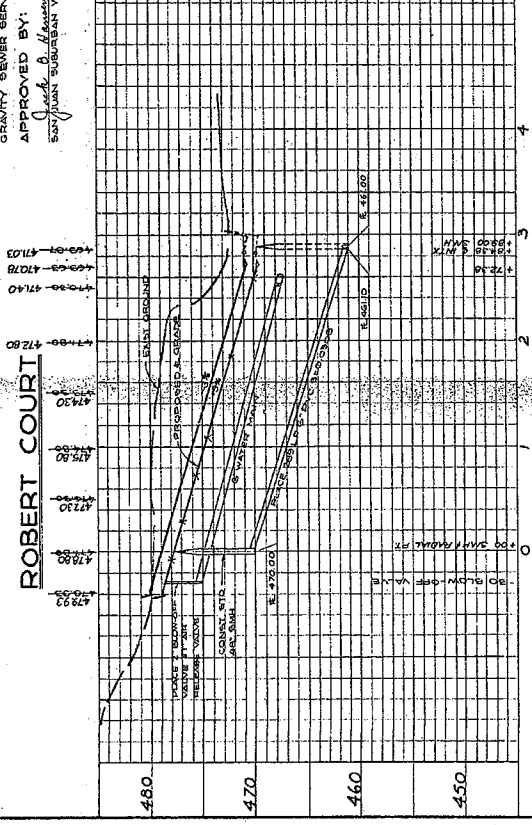




NOTE: TREES ARE OAK UNLESS OTHERWISE NOTED.
 TREES DENOTED (*OT) (+24 PMS)
 FF INDICATES MIN. FINISH FLOOR GRADE TO PROVIDE GRAVITY SEWER SERVICE.
 --- INDICATES LIMITS OF AREA FOR GRAVITY SEWER SERVICE

APPROVED BY: *[Signature]* DATE: 4/27/71
 SANTIAGO SUBURBAN WATER DIST.

LATERAL "A"
 AS BUILT
 DATE: 1/1/71



DATE: 1/1/71	BY: [Signature]
PROJECT NO. 15830	DATE: 1/1/71
G.W. CONSULTING ENGINEERS 1000 S. GARDEN ST., SUITE 100 ANAHEIM, CALIF. 92805	
IMPROVEMENT PLANS FOR HIDDEN LAKES UNIT NO. 2 ROBERT COURT - LATERAL "A" PLACER COUNTY, CALIFORNIA	
SCALE: 1" = 40'	DATE: 1/1/71
BY: [Signature]	DATE: 1/1/71
CHECKED BY: [Signature]	DATE: 1/1/71
DESIGNED BY: [Signature]	DATE: 1/1/71
DRAWN BY: [Signature]	DATE: 1/1/71

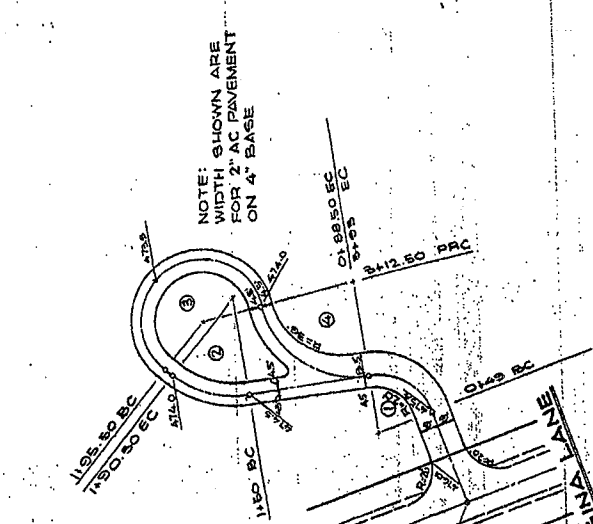
LAKE CONSTRUCTION NOTES:

DAM REINFORCEMENT

Remove all surface vegetation, organics, stumps and roots from the dam base. After removal of organics, remove 6 inches of original ground below the proposed dam embankment. The dam base shall be compacted to a depth of at least 6 inches to the maximum dry density as determined by ASTM Test Method D-1557-70. On-site material less than 3 inches in size exclusive of gravel must be brought to optimum moisture content. Placed in lifts not exceeding 8 inches thickness and compacted to no less than 95 percent of the maximum dry density.

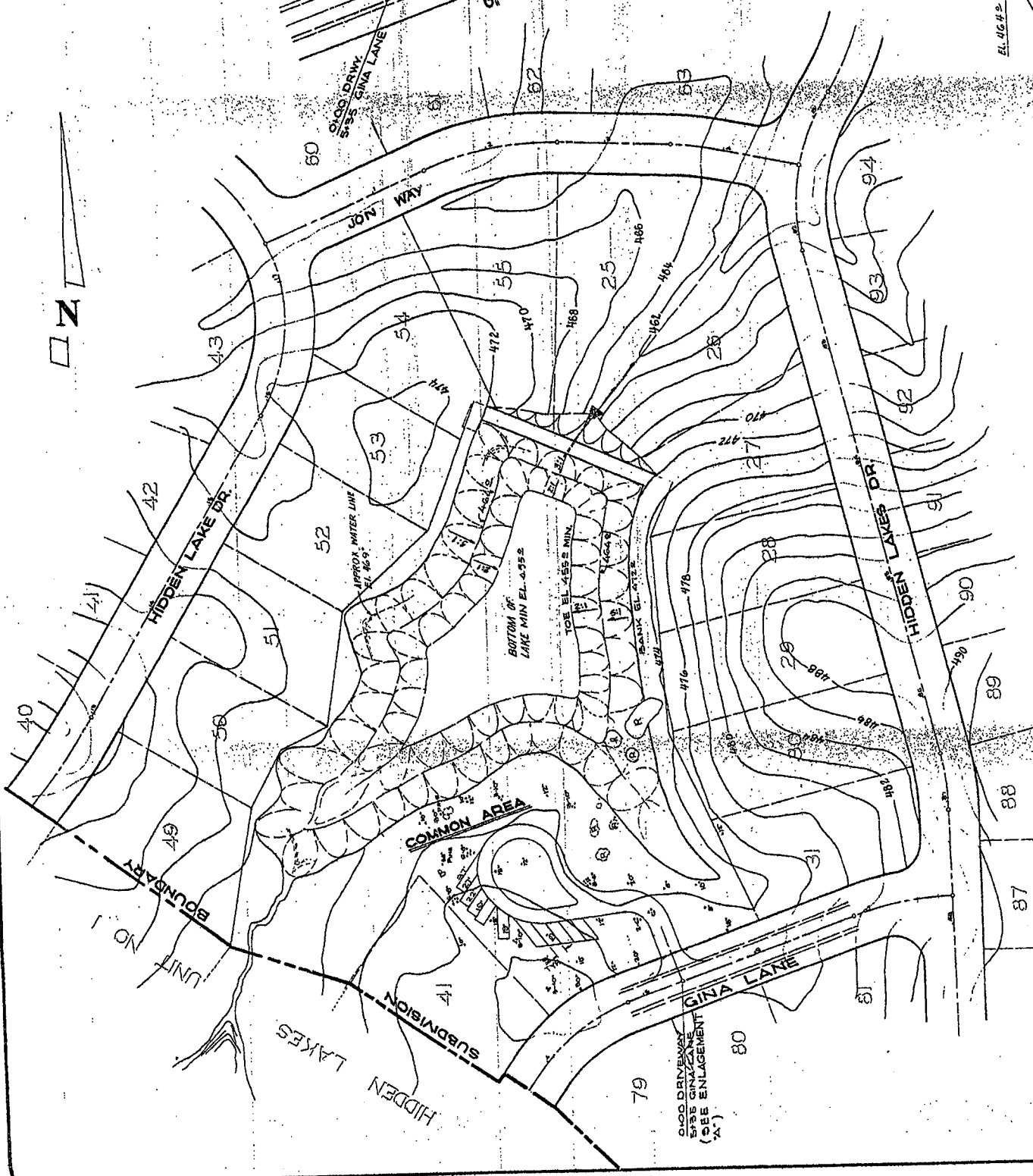
BENTONITE TREATMENT

The area to be treated with bentonite shall be all of the upstream slope and an apron 10 feet wide along the bottom of the reservoir at the toe of the upstream slope. The surface shall be relatively dry prior to spreading bentonite. The bentonite shall be spread in a uniform rate of no less than one pound per square foot using a mechanical spreader be disced or cultivated into the bentonite. The surface of the embankment. After cultivating the surface shall then be uniformly compacted to allow easier lining. Light spraying may be performed to allow easier compaction.

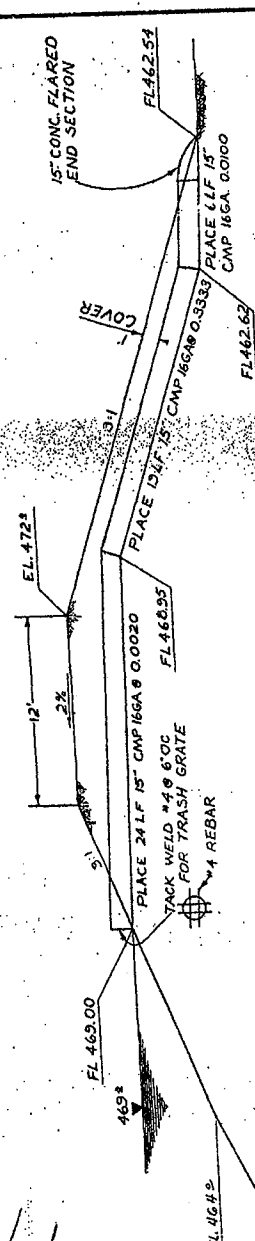


ENLARGEMENT "A"
SCALE 1"=40'

Curve No.	R	Δ	L	T
①	29.00'	78°00'	39.50'	23.50'
②	50.00'	47°00'	47.00'	27.00'
③	51.00'	47°00'	47.00'	27.00'
④	48.00'	84°50'	48.00'	43.50'



NOTE: TREES ARE OAK UNLESS OTHERWISE NOTED
TREES DENOTED (*107) (126) (PINE)

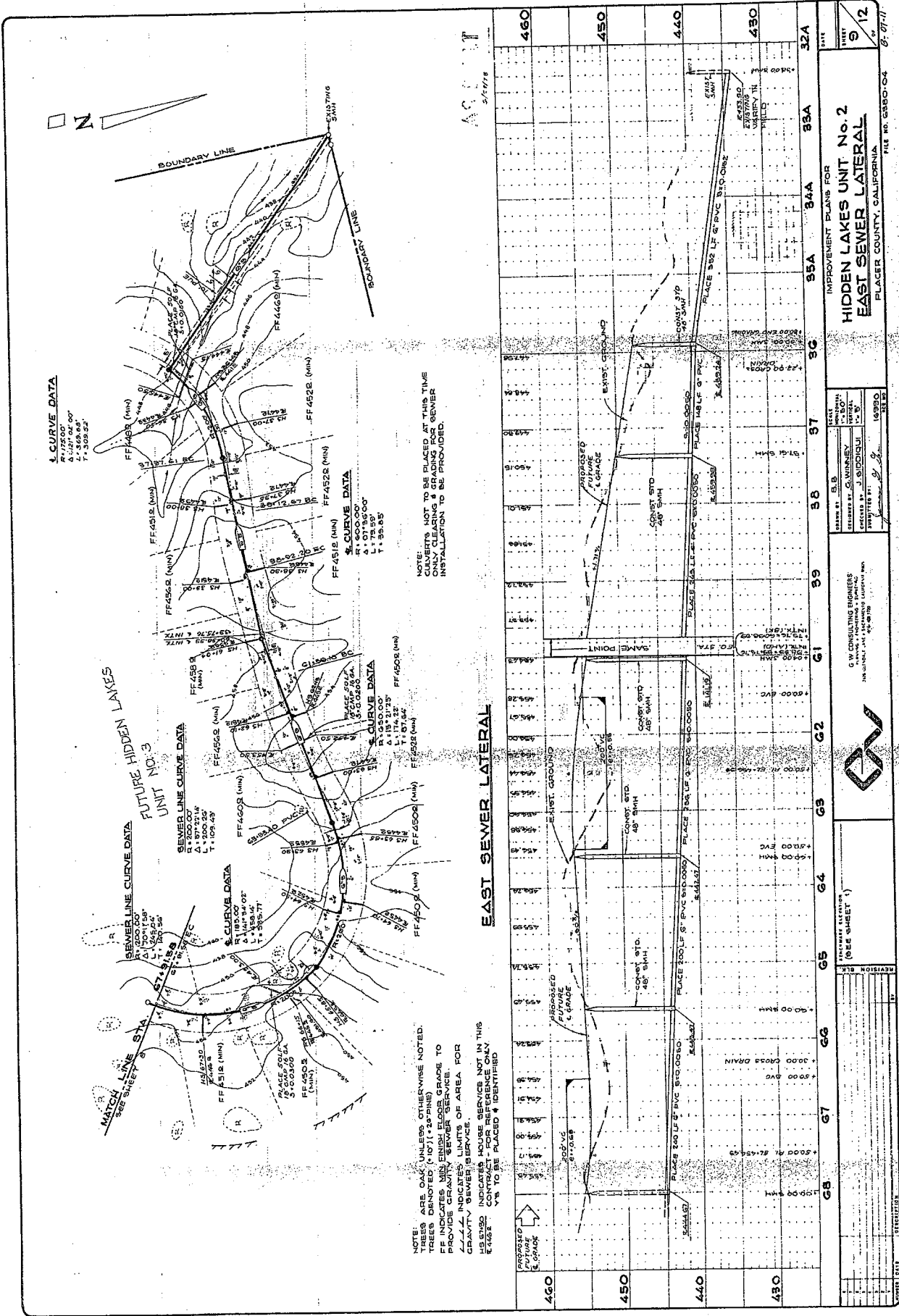


TYPICAL SECTION @ DAM
SCALE 1"=3'

HLE EXHIBIT 4

AS BUILT
DATE: 6/24/72

DATE: 6/24/72		SHEET: 7		OF: 12	
IMPROVEMENT PLANS FOR HIDDEN LAKES UNIT NO.2 LAKE CONSTRUCTION & DETAILS					
PLACER COUNTY, CALIFORNIA FILE NO. 6350-04					
DRAWN BY: J. SCARABOROUGH		CHECKED BY: J. WINDLEY		SUBMITTED BY: J. WINDLEY	
SCALE: HORIZONTAL 1"=100'		VERTICAL 1"=10'		ICD90	
REGISTERED PROFESSIONAL ENGINEER No. 16590		G W CONSULTING ENGINEERS 1400 J STREET, SUITE 100, SACRAMENTO, CALIFORNIA 95804 TEL: 484-1720		REVISIONS:	
REVISIONS:		REVISIONS:		REVISIONS:	
NO.	DATE	DESCRIPTION	BY	DATE	DESCRIPTION



1. CURVE DATA
 R = 117.04' 00"
 L = 336.58'
 T = 308.52'

2. CURVE DATA
 R = 140.00'
 L = 417.00'
 T = 358.95'

3. CURVE DATA
 R = 115.31'
 L = 357.54'
 T = 317.64'

SEWER LINE CURVE DATA
 R = 120.00'
 L = 371.58'
 T = 330.54'

SEWER LINE CURVE DATA
 R = 120.00'
 L = 371.58'
 T = 330.54'

4. CURVE DATA
 R = 118.54'
 L = 355.46'
 T = 315.77'

NOTE: USE ONLY UNLESS OTHERWISE NOTED.
 TRESS AND PILES (10" x 12" @ 10' ON CENTER)
 FF INDICATES FINISH FLOOR GRADE TO
 PROVIDE GRAVITY SEWER SERVICE.
 // // INDICATES LIMITS OF AREA FOR
 GRAVITY SEWER SERVICE.
 45.000 INDICATES HOSE SERVICE NOT IN THIS
 4.165' V.W. TO BE PLACED & IDENTIFIED

NOTE: CULVERTS NOT TO BE PLACED AT THIS TIME
 ONLY CLEARING & BRANCHING OF SEWER
 INSTALLATION TO BE PROVIDED.

EAST SEWER LATERAL

**HIDDEN LAKES UNIT No. 2
 EAST SEWER LATERAL**

PREPARED BY: S. B. WINNEY
 CHECKED BY: J. S. WINNEY
 DRAWN BY: J. S. WINNEY
 DATE: 10/15/78

BY: CONSULTING ENGINEERS
 1500 UNIVERSITY AVENUE
 SACRAMENTO, CALIF. 95833



PROJECT NUMBER: 118-110-11-11
 SHEET NUMBER: 11

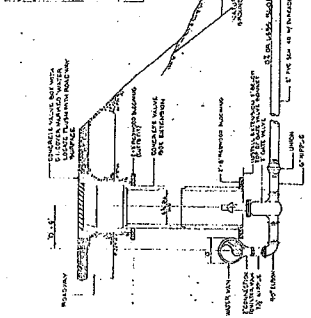
DATE: 10/15/78

SCALE: AS SHOWN

PROJECT: HIDDEN LAKES UNIT No. 2
 SHEET: 11

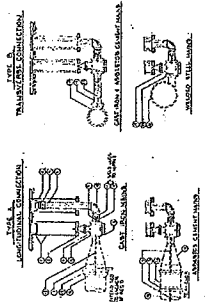
FILE NO. 6890-04
 8-0711

MAIN CONNECTION SCHEDULE	
WATER MAIN	CONNECTION
STEEL PIPE	WELDED
CAST IRON	FLANGED
DUCTILE IRON	FLANGED
CONCRETE	FLANGED
ASBESTOS CEMENT	FLANGED
GLASS REINFORCED PLASTIC	FLANGED
OTHER	FLANGED



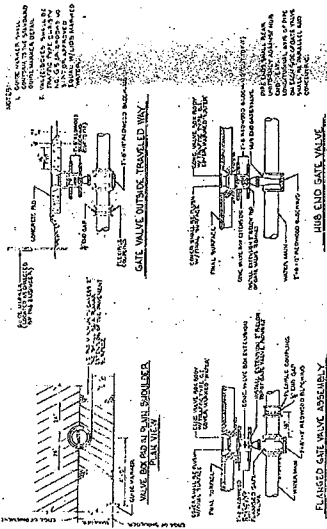
2' BLOWOFF TRANSVERSE ASSEMBLY TYPE 2
NO SCALE

ITEM	DESCRIPTION	QUANTITY	UNIT
1	STEEL PIPE	1	LINEAL FOOT
2	CONCRETE	1	CY
3	ASBESTOS CEMENT	1	LINEAL FOOT
4	GLASS REINFORCED PLASTIC	1	LINEAL FOOT
5	OTHER	1	LINEAL FOOT

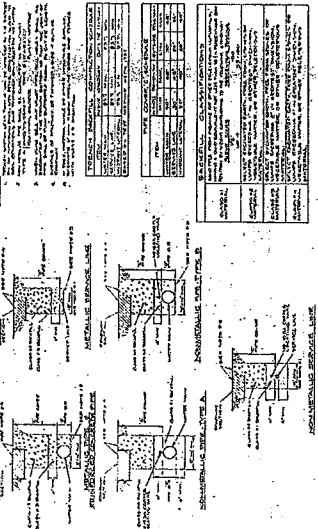


NOTE: 1. ALL CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE SCHEDULE CONNECTIONS. 2. ALL CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE SCHEDULE CONNECTIONS. 3. ALL CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE SCHEDULE CONNECTIONS.

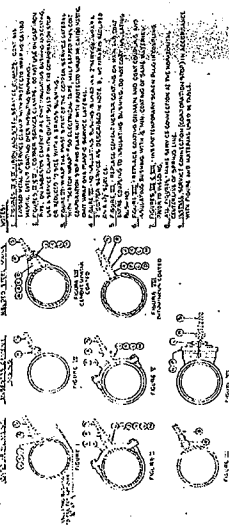
4' BLOWOFF ASSEMBLIES
NO SCALE



GATE VALVE DETAIL
NO SCALE

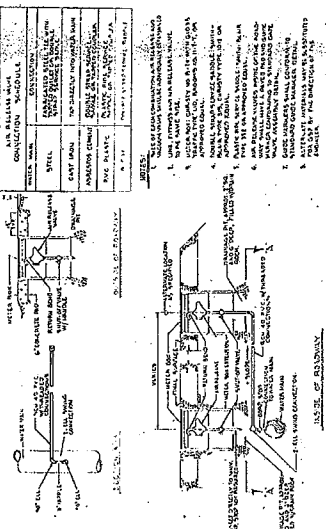


PIPELINE TRENCH DETAIL
NO SCALE



ITEM	DESCRIPTION	QUANTITY	UNIT
1	STEEL PIPE	1	LINEAL FOOT
2	CONCRETE	1	CY
3	ASBESTOS CEMENT	1	LINEAL FOOT
4	GLASS REINFORCED PLASTIC	1	LINEAL FOOT
5	OTHER	1	LINEAL FOOT

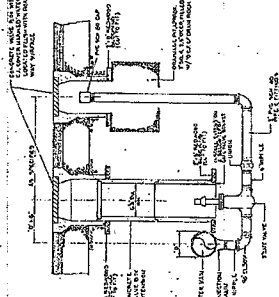
DISTRIBUTION MAIN SERVICE CONNECTIONS
NO SCALE



TYPICAL 3/4\"/>

MAIN CONNECTION SCHEDULE	
WATER MAIN	CONNECTION
STEEL PIPE	WELDED
CAST IRON	FLANGED
DUCTILE IRON	FLANGED
CONCRETE	FLANGED
ASBESTOS CEMENT	FLANGED
GLASS REINFORCED PLASTIC	FLANGED
OTHER	FLANGED

NOTE: 1. ALL CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE SCHEDULE CONNECTIONS. 2. ALL CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE SCHEDULE CONNECTIONS. 3. ALL CONNECTIONS SHALL BE MADE IN ACCORDANCE WITH THE SCHEDULE CONNECTIONS.



2' BLOWOFF TRANSVERSE ASSEMBLY TYPE 2
NO SCALE

IMPROVEMENT PLANS FOR HIDDEN LAKES UNIT No. 2 WATER DETAIL SHEET PLACER COUNTY, CALIFORNIA		DATE 12/12/11 8-27-11
DRAWN BY: R.B. CHECKED BY: G. WINNEY DESIGNED BY: J. BIDDIS QUANTIFIED BY:	PROJECT NO. 10-0850-005	SHEET NO. 12/12
G.W. CONSULTING ENGINEERS 1000 UNIVERSITY AVENUE, SUITE 100 SACRAMENTO, CALIFORNIA 95811		