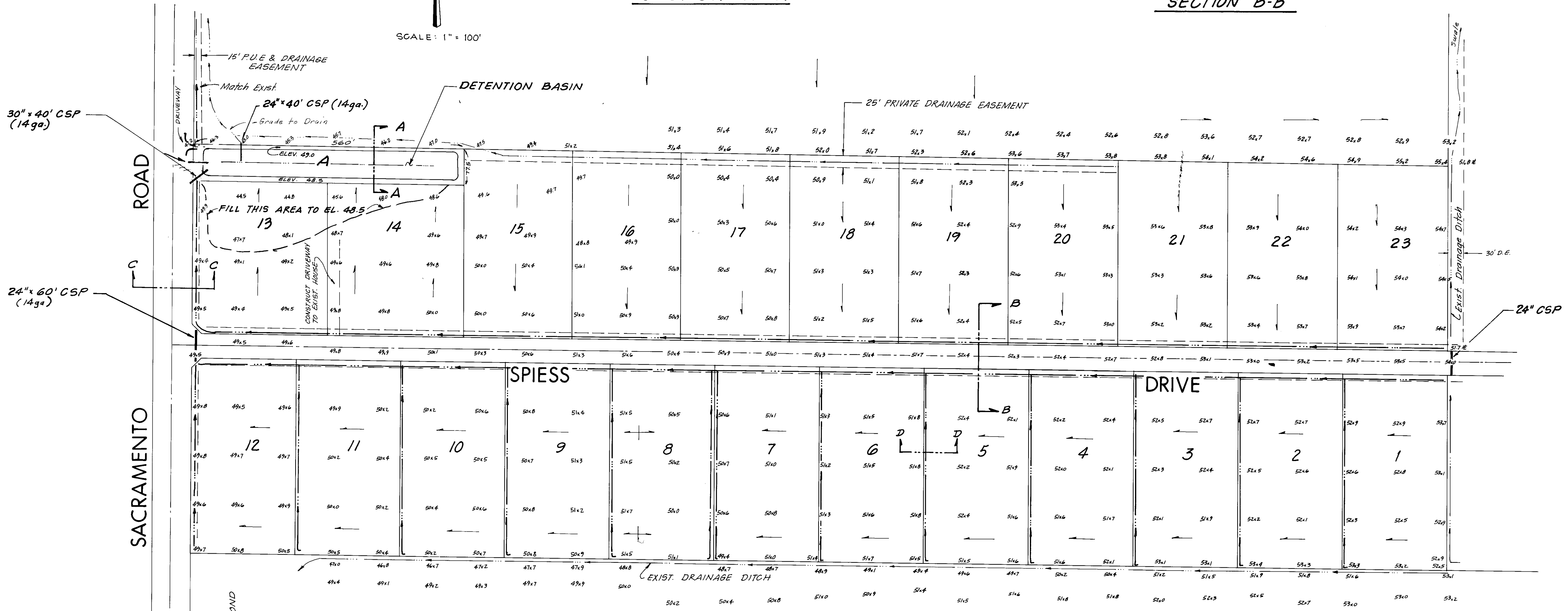
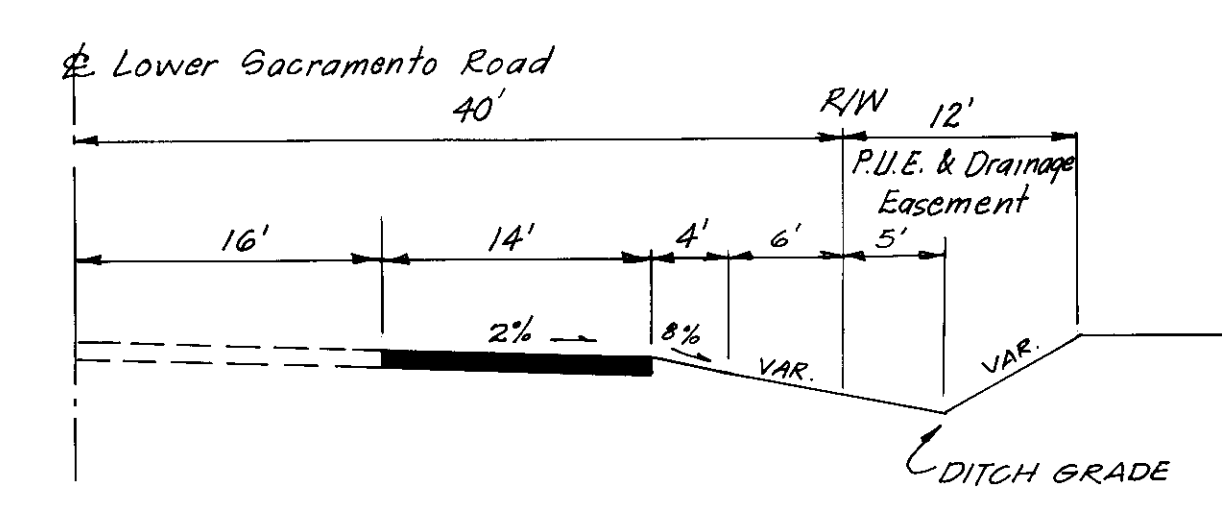


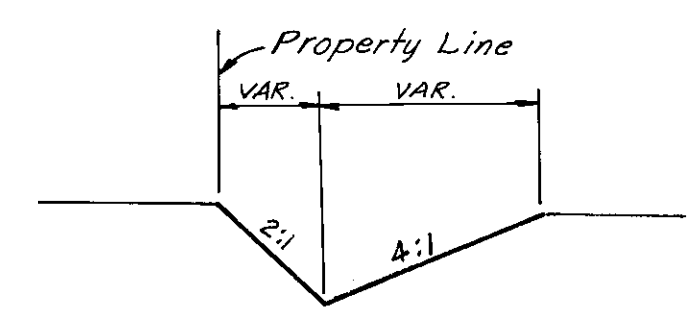
SCALE: 1" = 100'



LOWER SACRAMENTO ROAD

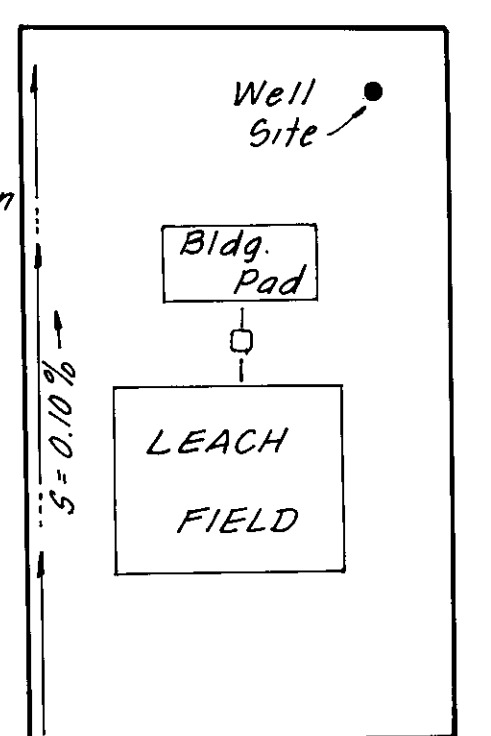


SECTION C-C



SECTION D-D

NOTES:
 1.) All grading shall comply with 1994 U.B.C. Chapter 29 and Appendix Chapter 70.
 2.) No slope shall be steeper than 2 horizontal to 1 vertical.
 3.) Refer to Geotechnical Investigation Report by Neil O. Anderson & Associates, Inc. (6-16-95) to determine lot grading, site preparation & foundation recommendation.



TYPICAL LOT GRADING

SU 3075

R. F. KRAETSCH = CIVIL ENGINEER
 9522 EAST LUBELL LANE, ACAMPO, CA 95220
 PHONE (209) 367-0127
 R.F. Kraetsch
 R. F. KRAETSCH, DESIGN ENGINEER

IMPROVEMENT PLANS FOR
SPIESS
 GRADING

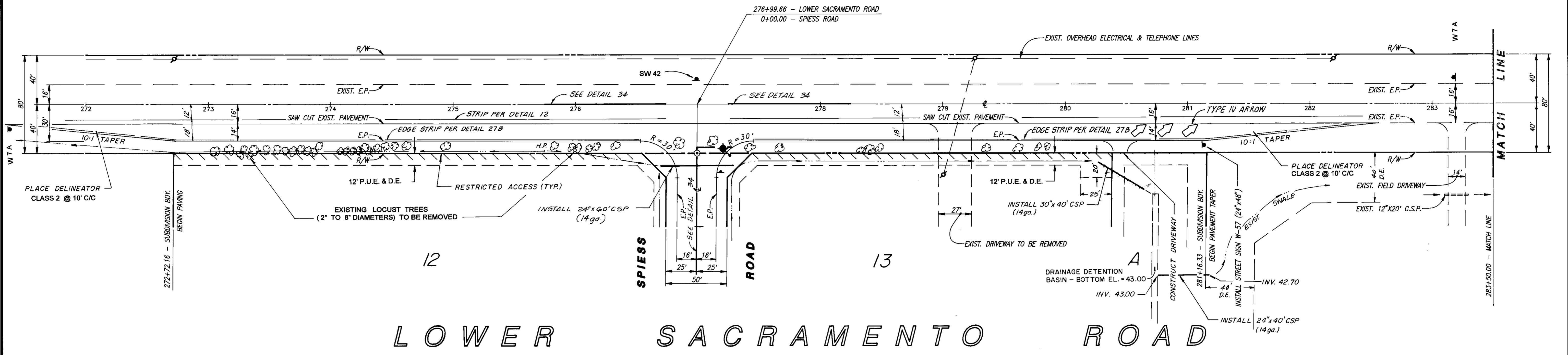
RANCHO
 SAN JOAQUIN COUNTY
 PLAN

SHEET
7
 OF 7
 FILE NO.

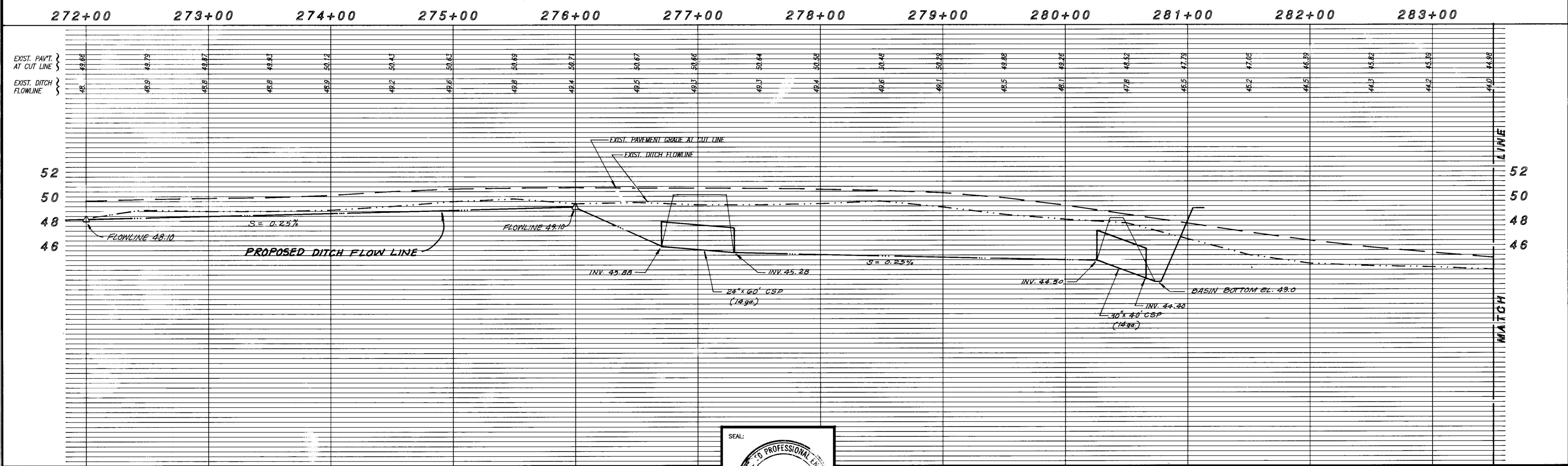
DATE: 11-10-95
 R.C.E. NO. 012681
 EXP. DATE 3-31-97



SCALE: 1"=40'



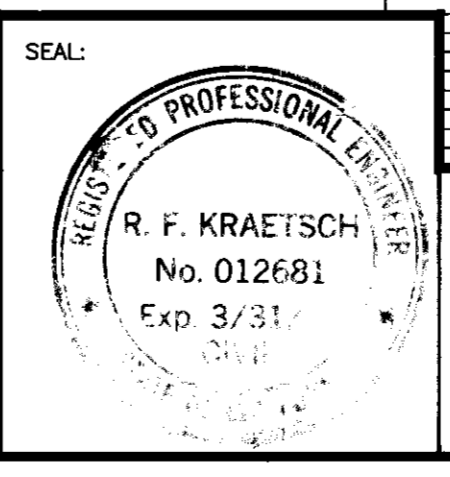
LOWER SACRAMENTO ROAD



REVISIONS			
NO.	DESCRIPTION	DATE	BY

BENCH MARK: ELEV.: 47.08
 S.J. CO. DATUM:
 # TU-5.7
 DESCRIPTION: Brass Disk in Headwall at N.W. Cor. of Lower Sacramento Rd. & Forest Lake Rd.

JOB NO.:
 DATE:
 SCALE HORIZ.: 1"=40'
 SCALE VERT.: 1"=4'
 DRAWN:
 DESIGN:
 CHECK:



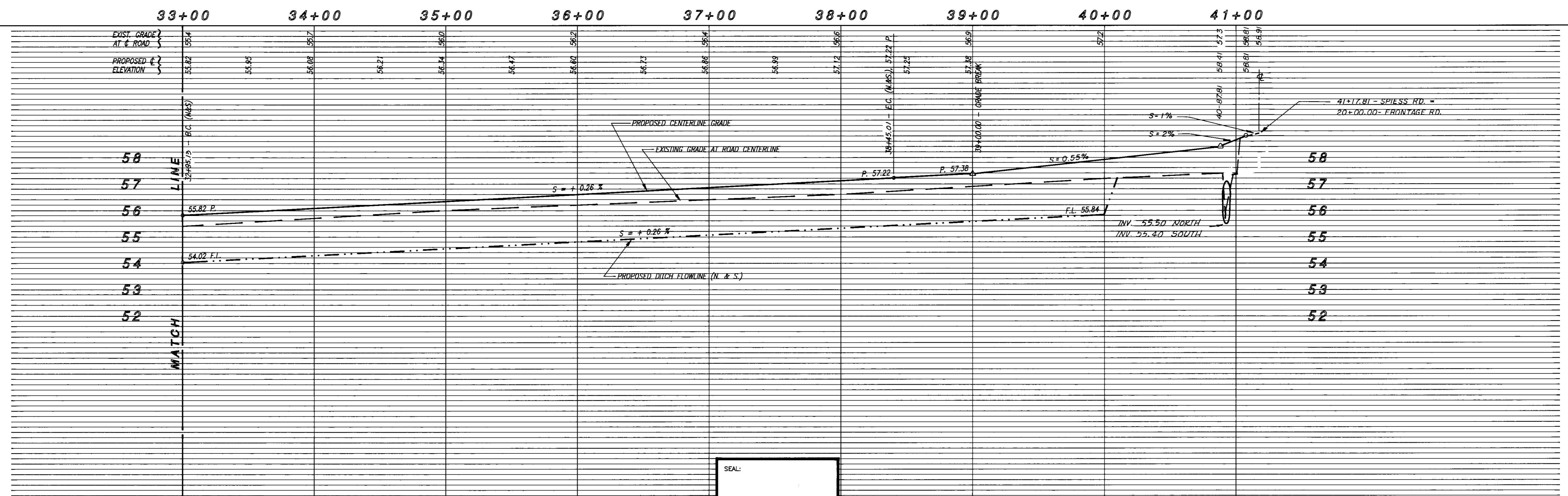
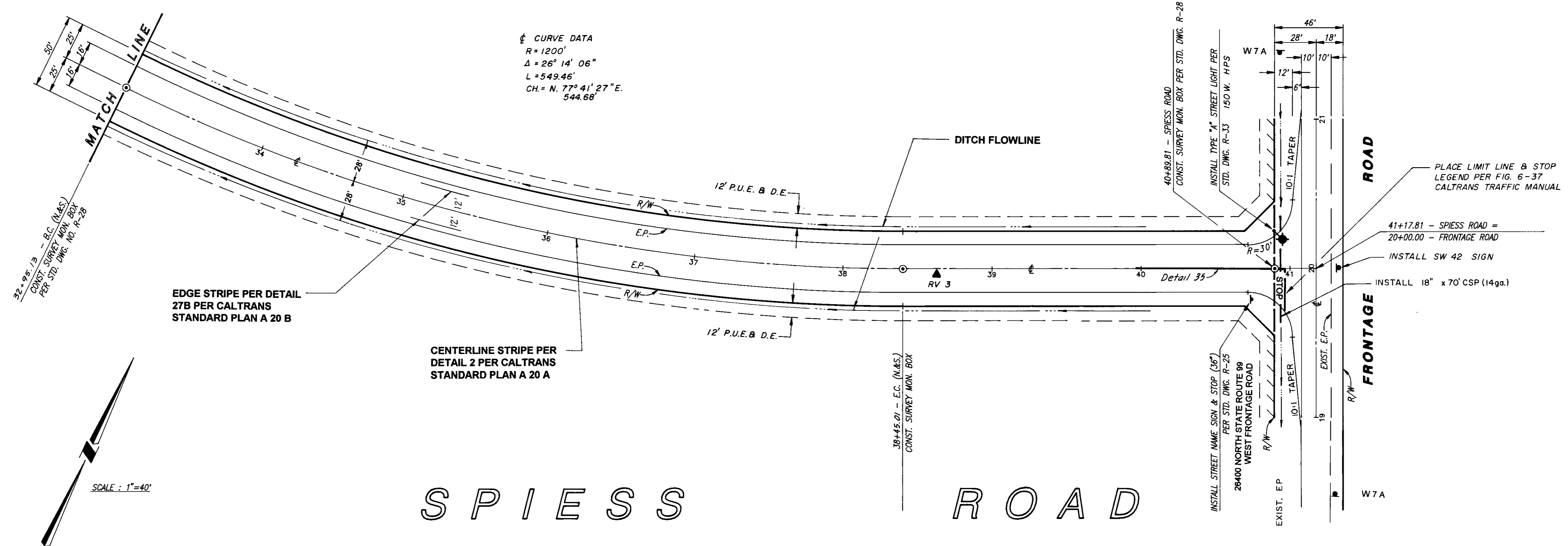
R. F. KRAETSCH = CIVIL ENGINEER
 9522 EAST LUBELL LANE,
 ACAMPO, CA 95220
 PHONE (209) 387-0127
 DATE: 11-10-95
 R.C.E. NO. 012681
 EXP. DATE 3-31-97

SPIESS RANCHO, UNIT NO. 1
 SUBDIVISION IMPROVEMENTS
LOWER SACRAMENTO ROAD

SHEET
6
 OF
 FILE NO.

SU 3076

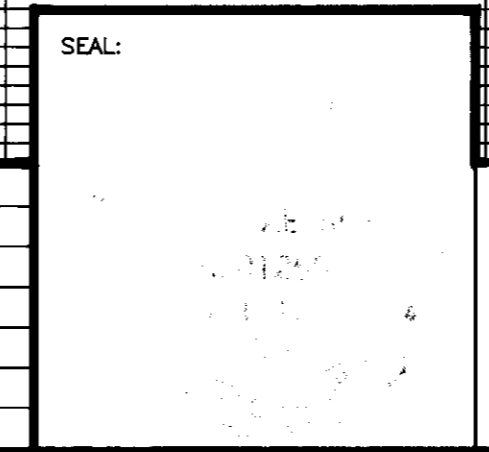
SU 3077



REVISIONS			
NO.	DESCRIPTION	DATE	BY

BENCH MARK: ELEV. _____
 DATUM: _____
 DESCRIPTION: _____

JOB NO.: _____
 DATE: _____
 SCALE HORIZ.: 1" = 40'
 SCALE VERT.: 1" = 2'
 DRAWN: _____
 DESIGN: _____
 CHECK: _____



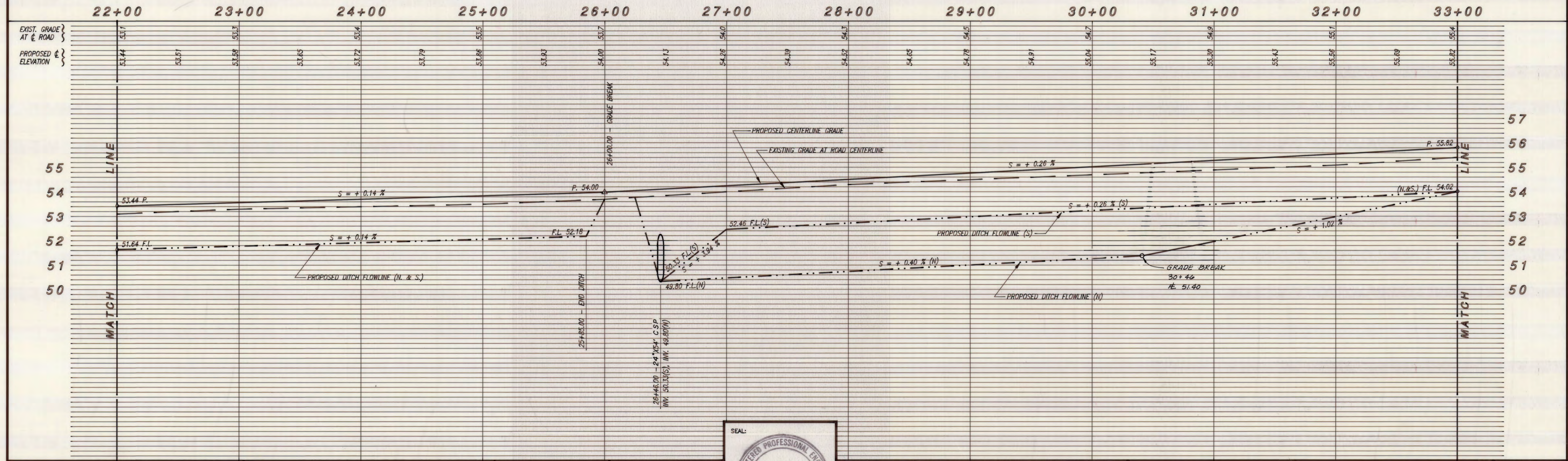
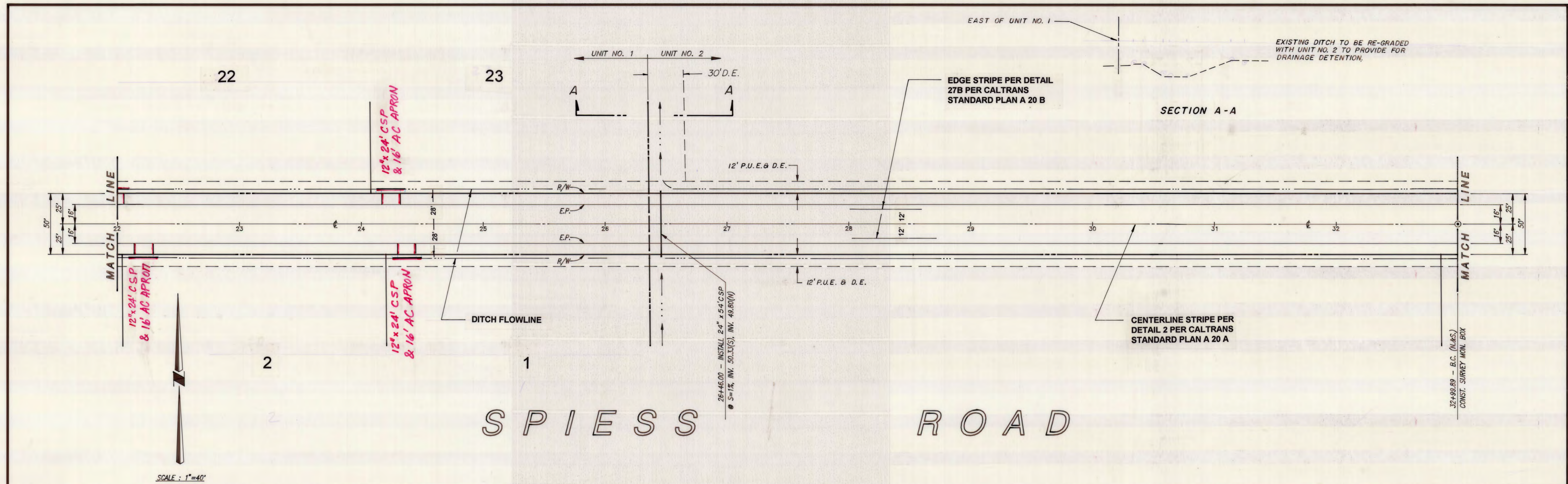
R. F. KRAETSCH - CIVIL ENGINEER
 9522 EAST LUBELL LANE,
 ACAMPO, CA 95220
 PHONE (209) 367-0127

R. F. Kraetsch
 R. F. KRAETSCH, DESIGN ENGINEER

DATE: 11-10-95
 R.C.E. NO. 012681
 EXP. DATE 3/31/97

SPIESS RANCHO, UNIT NO. 1
 SUBDIVISION IMPROVEMENTS
 SPIESS ROAD

SU 3078



REVISIONS			
NO.	DESCRIPTION	DATE	BY

BENCH MARK: ELEV.:	JOB NO.:
DATUM:	DATE:
DESCRIPTION:	SCALE HORIZ. : 1"=40'
	SCALE VERT. : 1"=2'
	DRAWN:
	DESIGN:
	CHECK:

26+46.00 - INSTALL 24" x 54" CSP @ S=1%, INV. 50.33(S), INV. 49.80(N)

25+85.00 - END DITCH

26+00.00 - GRADE BREAK

26+46.00 - 24" x 54" CSP @ S=1%, INV. 50.33(S), INV. 49.80(N)



R. F. KRAETSCH = CIVIL ENGINEER
 9522 EAST LUBELL LANE, ACAMPO, CA 95220
 PHONE (209) 367-0127

R.F. Kraetsch
 R. F. KRAETSCH, DESIGN ENGINEER

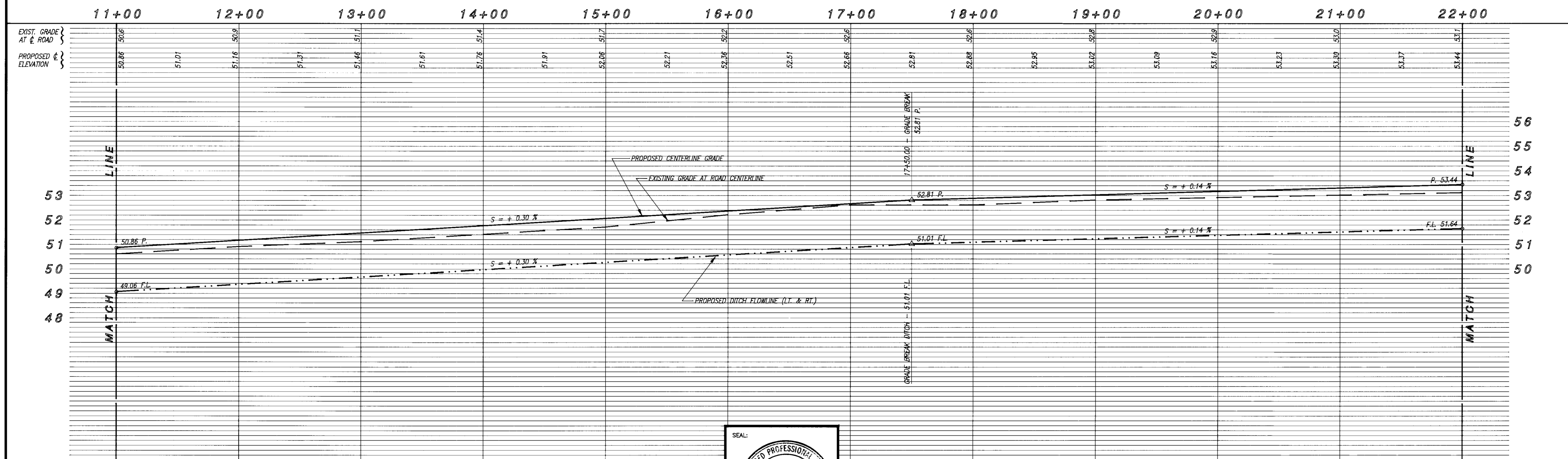
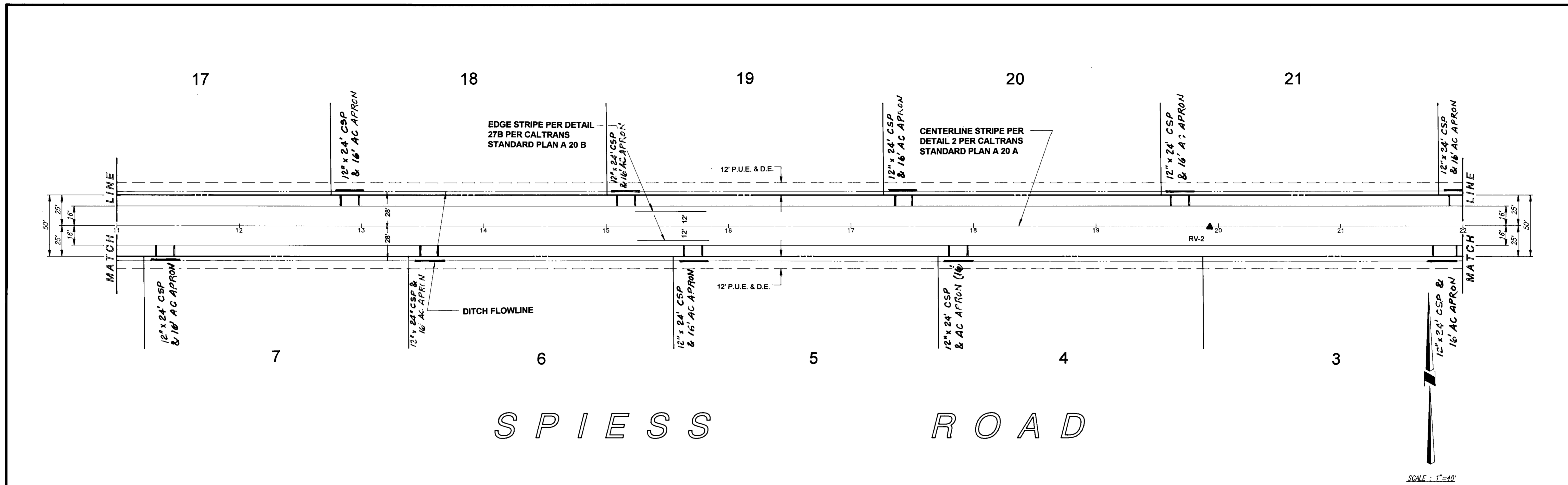
DATE: 11-10-95
 R.C.E. NO. 012681
 EXP. DATE 3-31-97

SPIESS RANCHO, UNIT NO. 1
 SUBMISSION IMPROVEMENTS
 SPIESS ROAD

RECORDS DRAWINGS

SHEET 4 OF 7
 FILE NO.

SU 3079



REVISIONS			
NO.	DESCRIPTION	DATE	BY

BENCH MARK: ELEV.:	JOB NO.:
DATUM:	DATE:
DESCRIPTION:	SCALE HORIZ. : 1"=40'
	SCALE VERT. : 1"=2'
	DRAWN :
	DESIGN :
	CHECK :

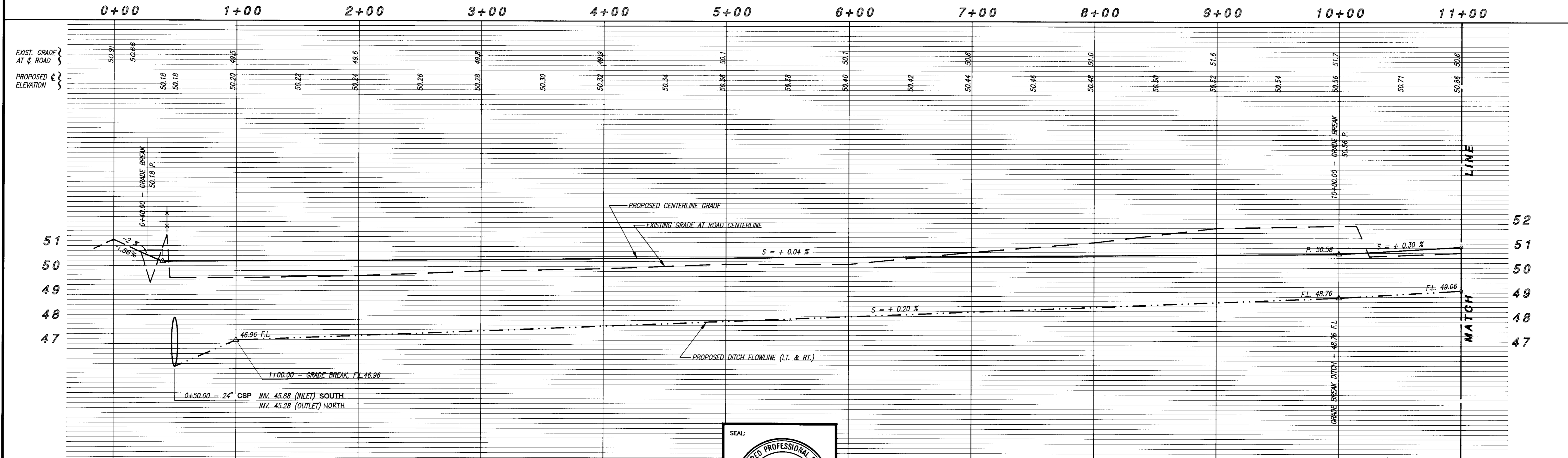
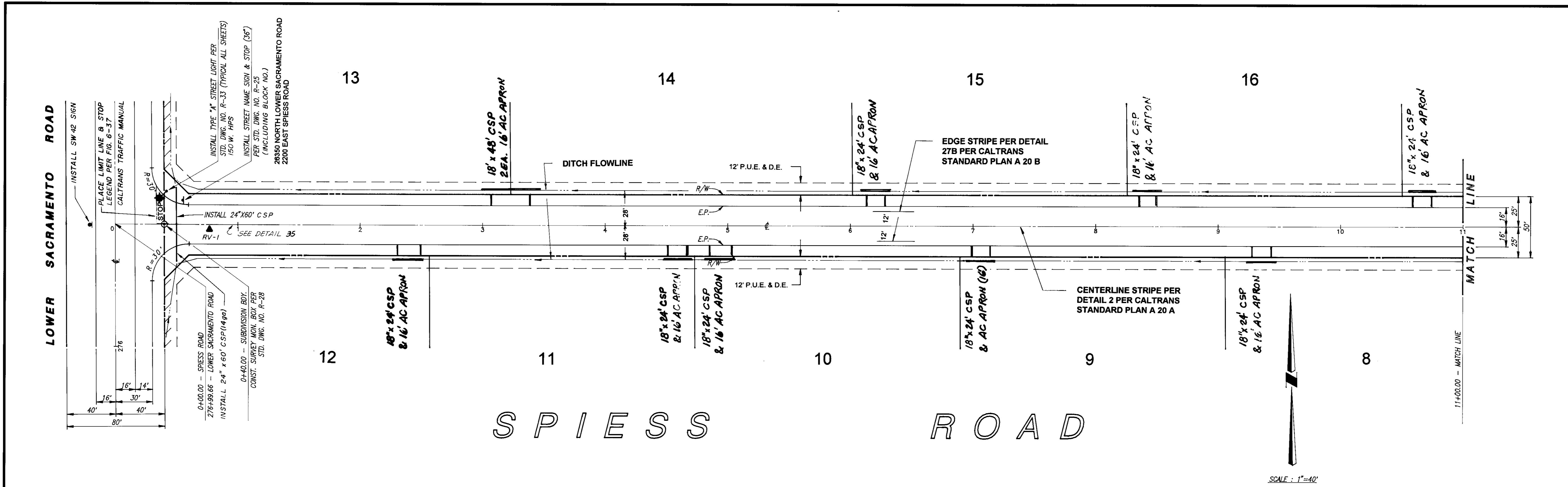
SEAL:
REGISTERED PROFESSIONAL ENGINEER
R. F. KRAETSCH
No. 012681
Exp. 3/31/
CIVIL
STATE OF CALIFORNIA

R. F. KRAETSCH = CIVIL ENGINEER
 9522 EAST LUBELL LANE,
 ACAMPO, CA 95220
 PHONE (209) 367-0127

R.F. Kraetsch
 R. F. KRAETSCH, DESIGN ENGINEER

DATE: 11-10-97
 R.C.E. NO. 12681
 EXP. DATE 3-31-97

SPIESS RANCHO, UNIT NO. 1
 SUBMISION IMPROVEMENTS
 SPIESS ROAD



REVISIONS			
NO.	DESCRIPTION	DATE	BY

BENCH MARK: ELEV.:	JOB NO.:
DATUM:	DATE:
DESCRIPTION:	SCALE HORIZ. : 1"=40'
	SCALE VERT. : 1"=2'
	DRAWN:
	DESIGN:
	CHECK:

SEAL:

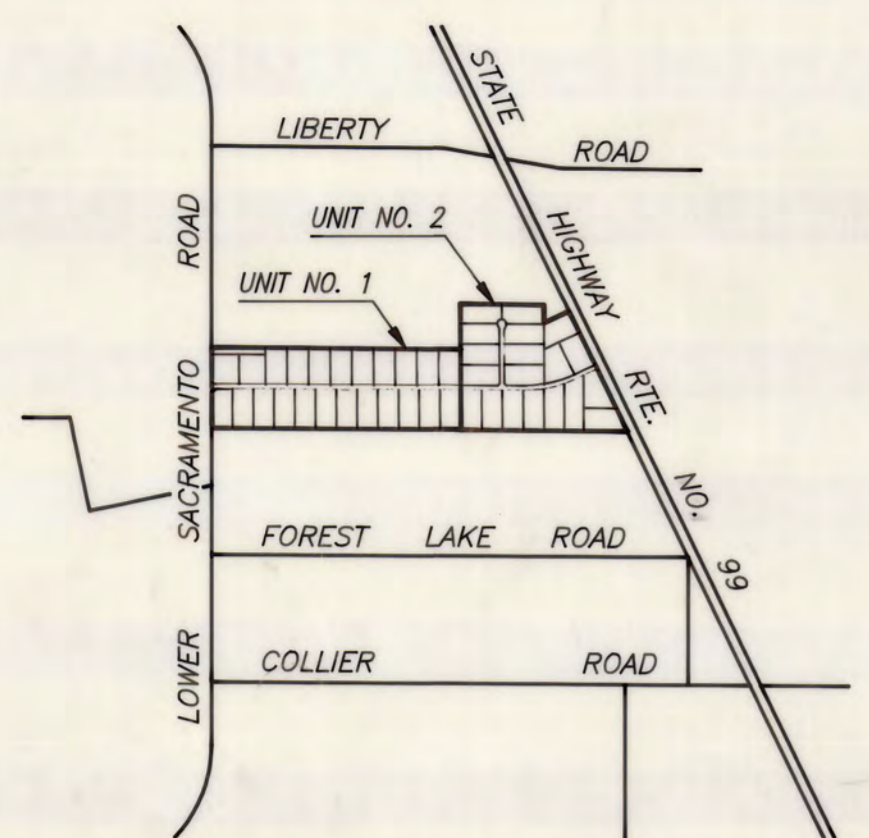
R. F. KRAETSCH = CIVIL ENGINEER
 9522 EAST LUBELL LANE,
 ACAMPO, CA 95220
 PHONE (209) 387-0127

R. F. Kraetsch
 R. F. KRAETSCH, DESIGN ENGINEER

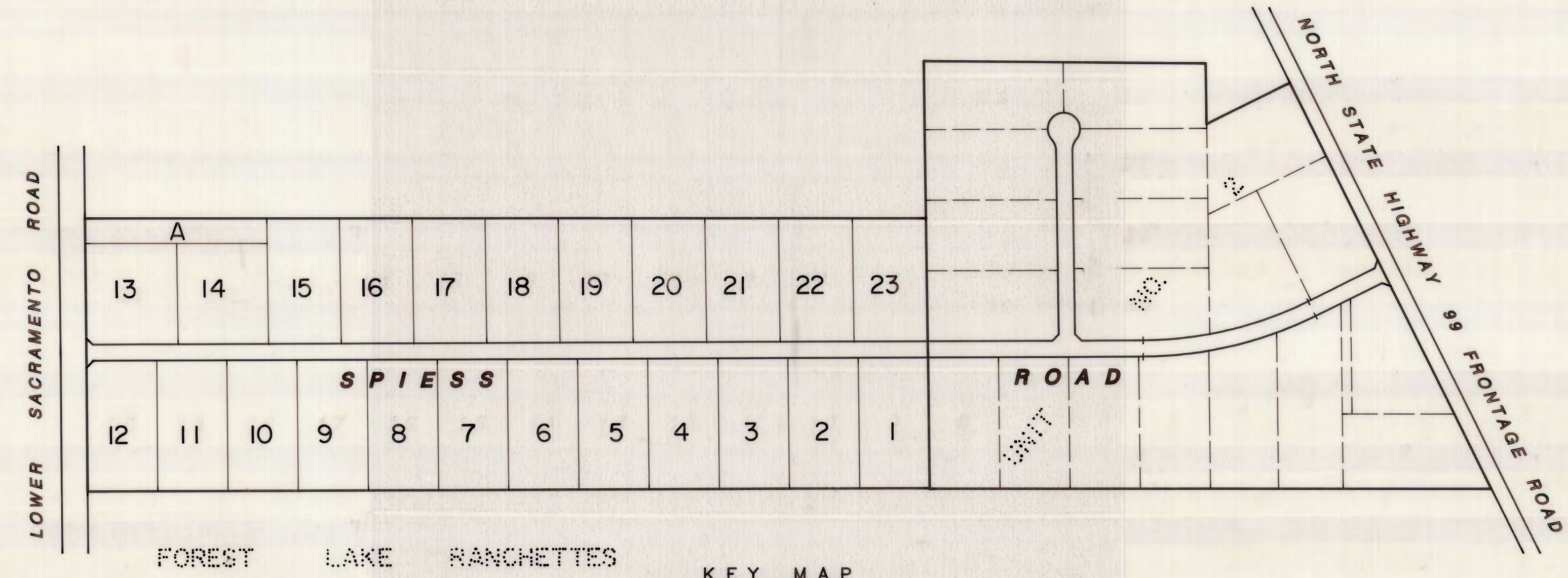
DATE: 11-10-95
 R.C.E. NO. 012681
 EXP. DATE 3-31-07

SPIESS RANCHO, UNIT NO. 1
 SUBDIVISION IMPROVEMENTS
SPIESS ROAD

SHEET **2**
 OF 7
 FILE NO.



VICINITY MAP
SCALE: 1"=2000'

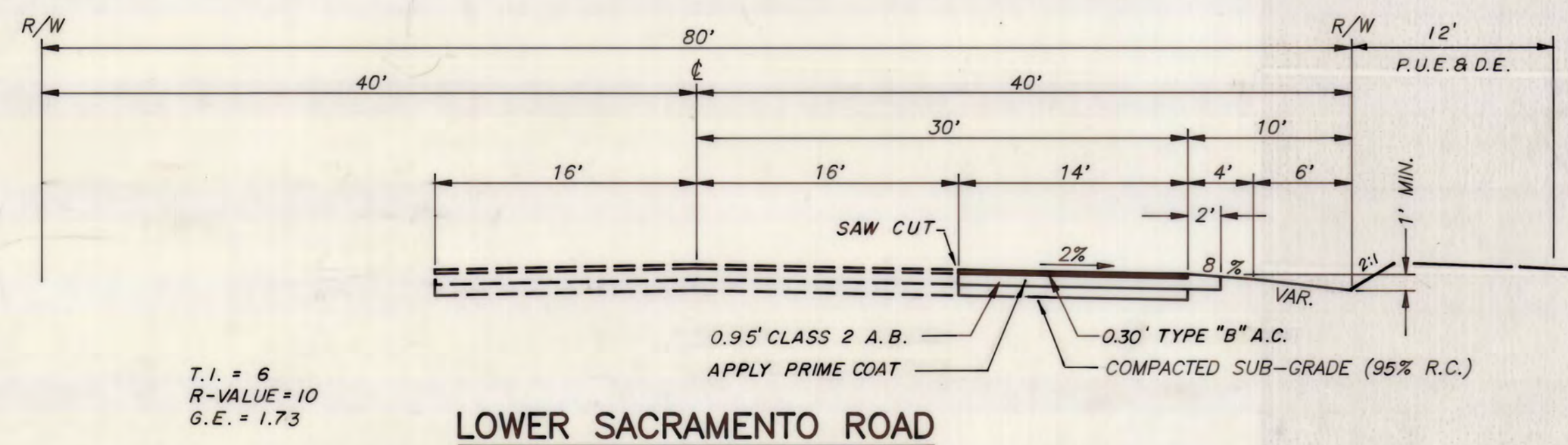
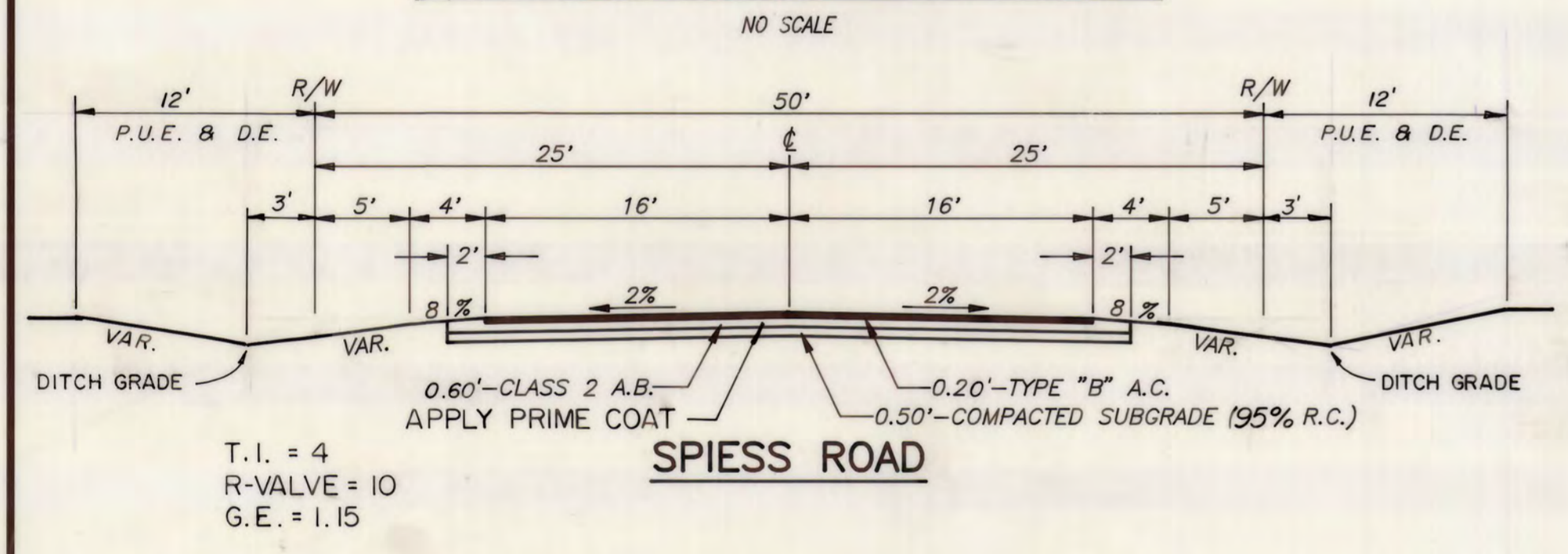


KEY MAP
SCALE: 1"=300'

GENERAL NOTES :

- CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY FOR ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND THAT CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNERS, SAN JOAQUIN COUNTY AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- PRIOR TO PERFORMING ANY WORK WITHIN THE ROAD RIGHTS-OF-WAY OF LOWER SACRAMENTO ROAD AND NORTH STATE ROUTE 99 FRONTAGE ROAD, THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS.
- ALL TRAFFIC SIGNS, MARKINGS AND STRIPING SHALL CONFORM TO THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND SAN JOAQUIN COUNTY STANDARDS" AND AS SHOWN ON THESE PLANS.
- ALL COMPACTION TESTS AND MATERIAL SAMPLING AND TESTING SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.
- ANY CHANGES TO THE APPROVED IMPROVEMENT PLANS AND SPECIFICATIONS MUST BE PREPARED AND CERTIFIED BY THE "CIVIL ENGINEER", AND SHALL BE SUBMITTED TO THE DIRECTOR OF PUBLIC WORKS FOR APPROVAL PRIOR TO IMPLEMENTATION.
- THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) 48 HOURS PRIOR TO ANY EXCAVATION BY CALLING THE TOLL-FREE NUMBER (800) 642-2444.
- THE CONTRACTOR SHALL NOTIFY THE SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS 24 HOURS IN ADVANCE OF PERFORMING ANY WORK REQUIRED IN THE PLANS. PHONE: (209) 468-3022.
- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ADOPTED STANDARDS OF SAN JOAQUIN COUNTY.
- EXCAVATION OF 5- FEET OR GREATER IN DEPTH REQUIRES AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY.
- AN ENCROACHMENT PERMIT WILL BE REQUIRED PRIOR TO ANY WORK WITHIN THE EXISTING COUNTY RIGHT-OF-WAY.
- A TRAFFIC CONTROL PLAN SHALL BE SUBMITTED TO THE COUNTY FOR APPROVAL PRIOR TO START OF WORK IN LOWER SACRAMENTO ROAD AND NORTH 99 FRONTAGE ROAD, WEST.

TYPICAL CROSS SECTIONS



SHEET INDEX :

SHEET NO.	TITLE
1	TITLE SHEET
2-5	SPIESS ROAD
6	LOWER SACRAMENTO ROAD
7	GRADING PLAN

LEGEND :

DESCRIPTION	PROPOSED	EXISTING
UTILITY POLE		⚡
STREET LIGHT	⦿	150 W. HPS
STREET SIGN	+	
MONUMENT BOX	⊙	
"R" VALUE LOCATION	▲	
DRAINAGE FLOW ARROW	→	
GROUND ELEVATION	52x4	
STORM DRAIN	—12"SD—	
DRAINAGE EASEMENT	D.E.	

UTILITY SERVICES PROVIDED BY :

- STORM DRAINAGE : SAN JOAQUIN COUNTY SERVICE AREA NO. 29 ZONE A
- STREET LIGHTING : SAN JOAQUIN COUNTY SERVICE AREA NO. 49
- ELECTRICITY : PACIFIC GAS AND ELECTRIC COMPANY
- NATURAL GAS : PACIFIC GAS AND ELECTRIC COMPANY
- TELEPHONE : PACIFIC BELL
- SANITARY SEWER: INDIVIDUAL SEPTIC TANK
- WATER: INDIVIDUAL WELL

SU-93-2 A.P.N.: 005-030-03,-04 , 005-090-59

APPROVED BY:
SAN JOAQUIN COUNTY DEPARTMENT OF PUBLIC WORKS
Henry M. Hirata
DIRECTOR OF PUBLIC WORKS
DATE: 12/11/95
R.C.E. NO.: 21258
EXP. DATE: 9-30-97

REVISIONS

NO.	DESCRIPTION	DATE	BY

APPROVED BY:
FOREST LAKE FIRE DISTRICT
Henry J. Wright
SIGNATURE
DATE: 11-21-95

APPROVED BY:
SAN JOAQUIN COUNTY PUBLIC HEALTH SERVICES
[Signature]
SIGNATURE
DATE: 10/25/95



R. F. KRAETSCH = CIVIL ENGINEER
9522 EAST LUBELL LANE,
ACAMPO, CA 95220
PHONE (209) 367-0127
R. F. Kraetsch
R. F. KRAETSCH, DESIGN ENGINEER
DATE: 11-10-95
R.C.E. NO. 012681
EXP. DATE 3-31-97

SPIESS RANCHO, UNIT NO. 1
SUBDIVISION IMPROVEMENTS
TITLE SHEET
RECORD DRAWINGS

SHEET
1
OF 7
FILE NO.

SU 3081