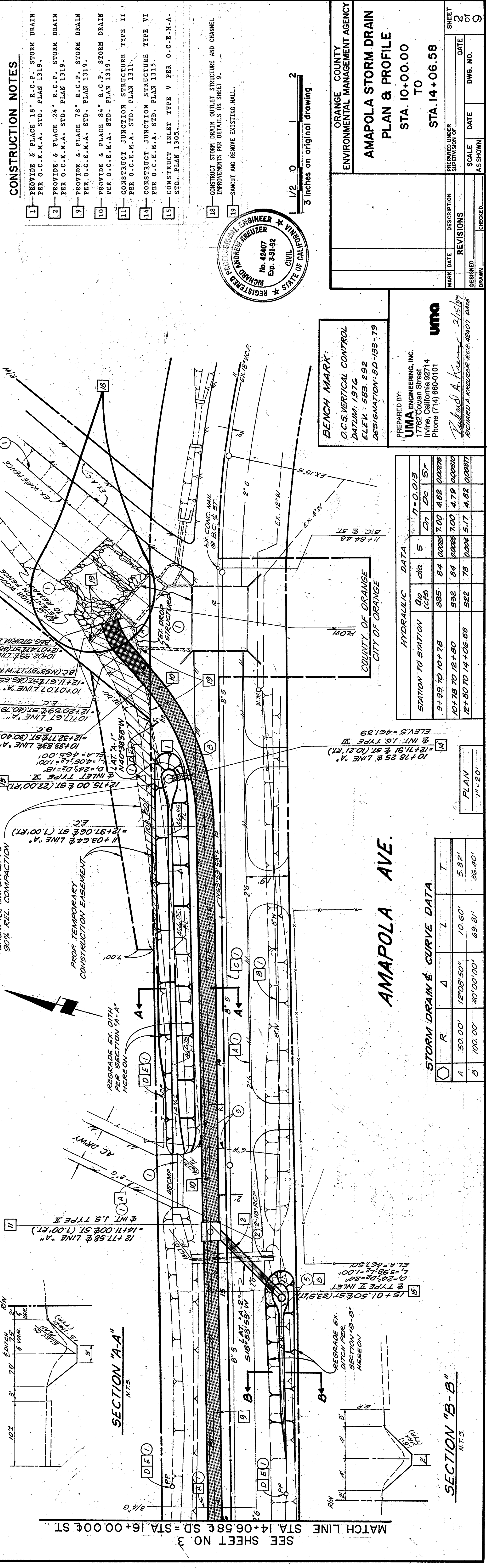
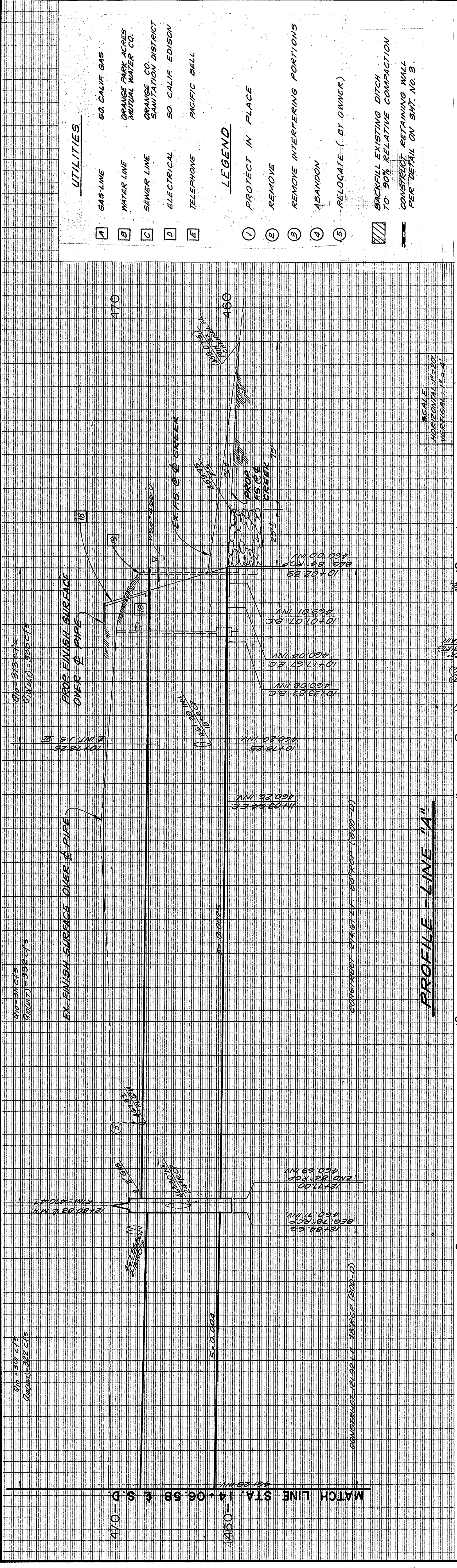
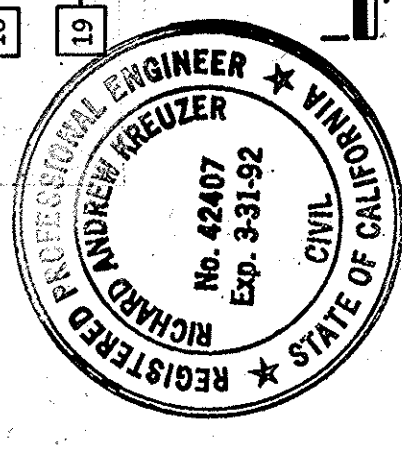




- UTILITIES**
- A GAS LINE
 - B WATER LINE
 - C SEWER LINE
 - D ELECTRICAL
 - E TELEPHONE
 - F SO. CALIF. GAS
 - G ORANGE PARK ACRES
 - H ORANGE CO. SANITATION DISTRICT
 - I SO. CALIF. EDISON
 - J PACIFIC BELL
- LEGEND**
- 1 PROTECT IN PLACE
 - 2 REMOVE
 - 3 REMOVE INTERFERING PORTIONS
 - 4 ABANDON
 - 5 RELOCATE (BY OWNER)
 - 6 BACKFILL EXISTING DITCH TO 90% RELATIVE COMPACTION
 - 7 CONSTRUCT RETAINING WALL PER DETAIL ON SHT. NO. 3

- CONSTRUCTION NOTES**
- 1 PROVIDE & PLACE 18" R.C.P. STORM DRAIN PER O.C.E.M.A. STD. PLAN 1319.
 - 2 PROVIDE & PLACE 24" R.C.P. STORM DRAIN PER O.C.E.M.A. STD. PLAN 1319.
 - 9 PROVIDE & PLACE 78" R.C.P. STORM DRAIN PER O.C.E.M.A. STD. PLAN 1319.
 - 10 PROVIDE & PLACE 84" R.C.P. STORM DRAIN PER O.C.E.M.A. STD. PLAN 1319.
 - 11 CONSTRUCT JUNCTION STRUCTURE TYPE II PER O.C.E.M.A. STD. PLAN 1311.
 - 14 CONSTRUCT JUNCTION STRUCTURE TYPE VI PER O.C.E.M.A. STD. PLAN 1315.
 - 15 CONSTRUCT INLET TYPE V PER O.C.E.M.A. STD. PLAN 1305.
 - 18 CONSTRUCT STORM DRAIN OUTLET STRUCTURE AND CHANNEL IMPROVEMENTS PER DETAILS ON SHEET 9.
 - 19 SCAUT AND REMOVE EXISTING WALL.



1/2 0 1 2
3 inches on original drawing

ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

**AMAPOLA STORM DRAIN
PLAN & PROFILE**

STA. 10+00.00
TO
STA. 14+06.58

PREPARED BY:
UMA ENGINEERING, INC.
17762 Cowan Street
Irvine, California 92714
Phone (714) 860-0101

DESIGNED BY:
RICHARD A. KUEHNER
2/15/97

DATE: 2/15/97
SCALE: AS SHOWN
DWG. NO.: 9

MARK DATE: 2/15/97
DESCRIPTION: REVISIONS
CHECKED: [Signature]

HYDRAULIC DATA

STATION TO STATION	Q ₁₀ (CFS)	d ₁₀	S	D ₁₀	D ₅₀	S ₁₀
9+99 TO 10+78	385	84	0.0025	7.00	4.82	0.00275
10+78 TO 12+80	532	84	0.0025	7.00	4.79	0.00270
12+80 TO 14+06.58	522	78	0.004	5.17	4.82	0.00277

STORM DRAIN & CURVE DATA

R	Δ	L	T
50.00'	12°08'50"	10.60'	5.32'
100.00'	40°00'00"	69.81'	36.40'

AMAPOLA AVE.

SECTION "A-A"

SECTION "B-B"