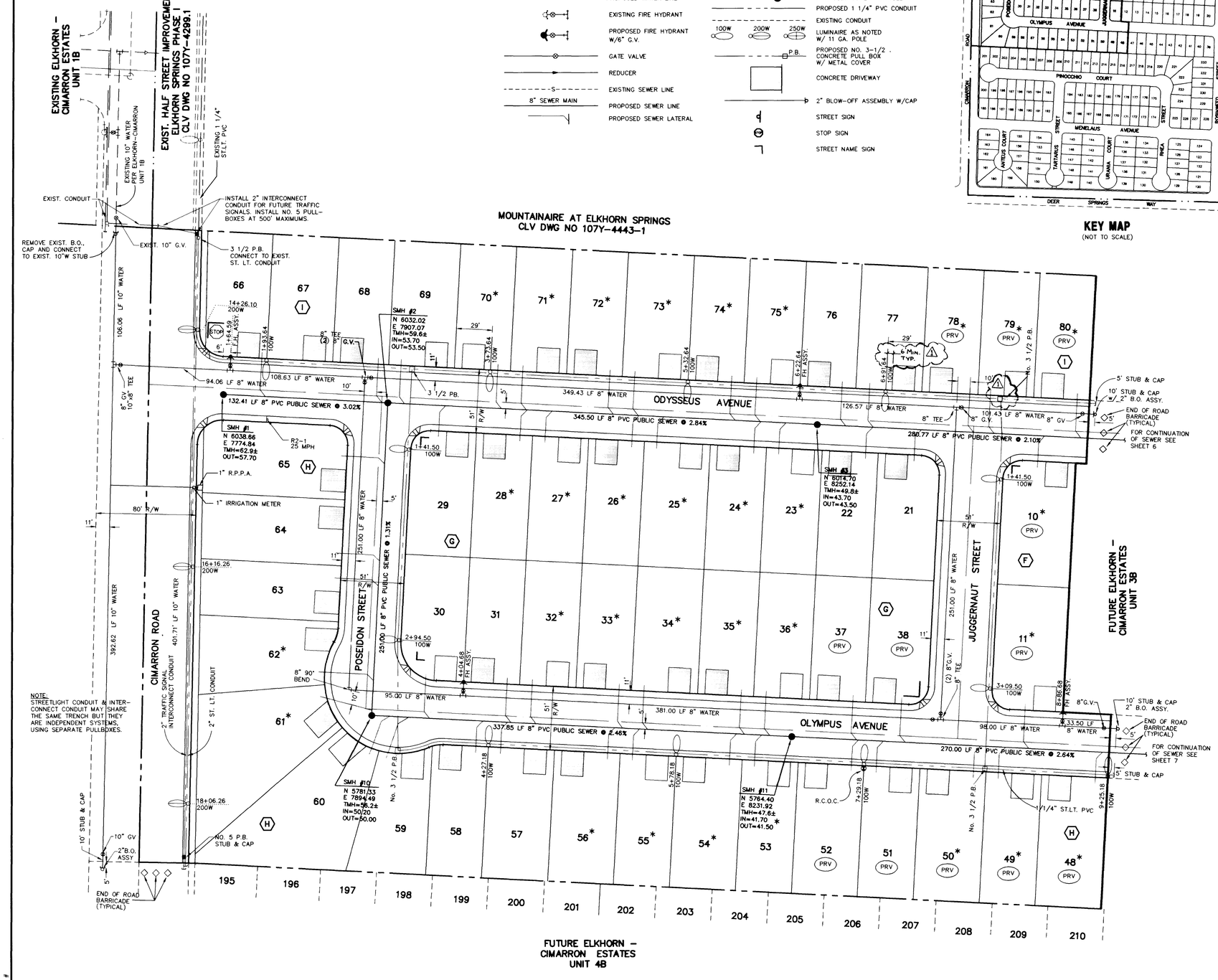
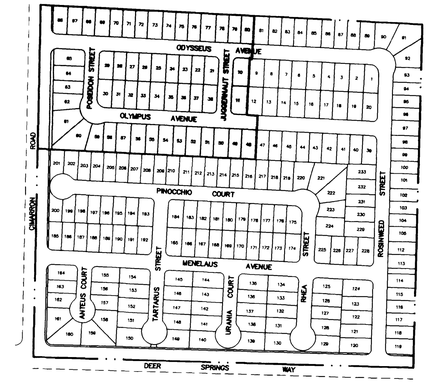
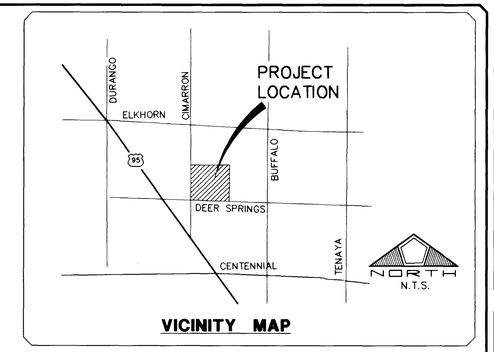
UTILITY LEGEND

- EXISTING WATER LINE
- 8" WATER MAIN — PROPOSED WATER LINE
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT W/6" G.V.
- GATE VALVE
- REDUCER
- EXISTING SEWER LINE
- 8" SEWER MAIN — PROPOSED SEWER LINE
- PROPOSED SEWER LATERAL
- EXISTING SEWER MANHOLE
- PROPOSED SEWER MANHOLE
- PROPOSED 1 1/4" PVC CONDUIT
- EXISTING CONDUIT
- 100W 200W 250W — LUMINAIRE AS NOTED W/ 11 GA. POLE
- P.B. — PROPOSED NO. 3-1/2 . CONCRETE PULL BOX W/ METAL COVER
- CONCRETE DRIVEWAY
- 2" BLOW-OFF ASSEMBLY W/CAP
- STREET SIGN
- STOP SIGN
- STREET NAME SIGN





KEY MAP
(NOT TO SCALE)



VICINITY MAP

NORTH

GRAPHIC SCALE

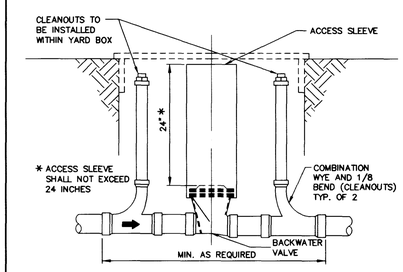
0 20 40 80 160

(IN FEET)
1 inch = 40 ft.

RESIDENTIAL SEWER BACKWATER VALVE

TO SATISFY THE INTENT OF THE 1994 UNIFORM PLUMBING CODE, SUBSECTIONS 710.1 AND 710.6 FOR RESIDENTIAL BACKWATER VALVES, LOCAL BUILDING DEPARTMENTS INDICATE IN AN OCT. 24, 1996 JOINT LETTER OF AGREEMENT:

"DRAINAGE PIPING SERVING FIXTURES WHICH HAVE FLOOD LEVEL RIMS LOCATED BELOW THE ELEVATION OF THE NEXT UPSTREAM MANHOLE COVER OF THE PUBLIC OR PRIVATE SEWER SERVING SUCH DRAINAGE PIPING SHALL BE PROTECTED FROM BACKFLOW OF SEWAGE BY INSTALLING AN APPROVED TYPE BACKWATER VALVE. ALL FIXTURES LOCATED WITHIN THE DWELLING UNIT MAY DISCHARGE THROUGH A SINGLE BACKWATER VALVE, PROVIDED THAT APPROVED TYPE CLEANOUTS ARE LOCATED IMMEDIATELY UPSTREAM AND DOWNSTREAM OF THE BACKWATER VALVE. BACKWATER VALVES SHALL BE LOCATED WHERE THEY WILL BE ACCESSIBLE FOR INSPECTION AND REPAIR AT ALL TIMES. THE ACCESS SLEEVE SHALL NOT EXTEND MORE THAN 24" FROM THE TOP OF THE VALVE COVER TO THE TOP OF THE SLEEVE CAP. ALL BACKWATER VALVES LOCATED 24" OR LESS WILL NOT REQUIRE AN ACCESS BOX. THE BACKWATER VALVE MAY BE INSTALLED A MAXIMUM OF 36" BELOW GRADE PROVIDED AN ACCESS BOX WITH MINIMUM DIMENSIONS OF 14" IN WIDTH BY 23" IN LENGTH MEASURED FROM INSIDE EDGE TO INSIDE EDGE IS USED AND THE MINIMUM DEPTH OF THE BOX IS 12". ALL BACKWATER VALVES LOCATED DEEPER THAN 36" SHALL BE MADE ACCESSIBLE BY USE OF A YARD BOX OR VAULT SIZED LARGE ENOUGH TO PERMIT A PERSON TO ENTER THE BOX FOR THE PURPOSE OF ACCESSING THE BACKWATER VALVE."



NOTES:
1. 36" MAX. DEPTH WITH BOX – MIN. DIMENSION 14"x23"x12" IN DEPTH.
2. VALVE LOCATED DEEPER THAN 36" SHALL BE SIZED TO PERMIT PERSON TO ENTER BOX.
3. REMOVE VALVE ASSEMBLY TO CLEAN OUT BEHIND CLAPPER.

NOTE: SEE SHT. 3 FOR UTIL. APPROVALS.

* INDICATES LOTS REQUIRING BACKWATER VALVE (SEE DETAIL THIS SHEET)

(PRV) INDICATES LOTS REQUIRING PRESSURE REDUCING VALVE

APPROVED FOR CONSTRUCTION
Bonnie Croff 10-24-97
LAS VEGAS VALLEY WATER DISTRICT DATE

NO.	DESCRIPTION	DATE	APP'D
1	ST. LAT. NOTE / MOVED PB FR. DRIVE	11/14/97	

DATE 10/14/97

STATE OF NEVADA — REGISTERED PROFESSIONAL ENGINEER — JAMES L. GRODZINSKY — CIVIL — No. 8200

DATE :	10/17/97
DRAWN BY :	
DESIGNED BY :	
CHECKED BY :	
JOB NO. :	0222.0010
SCALE :	1"= 40'

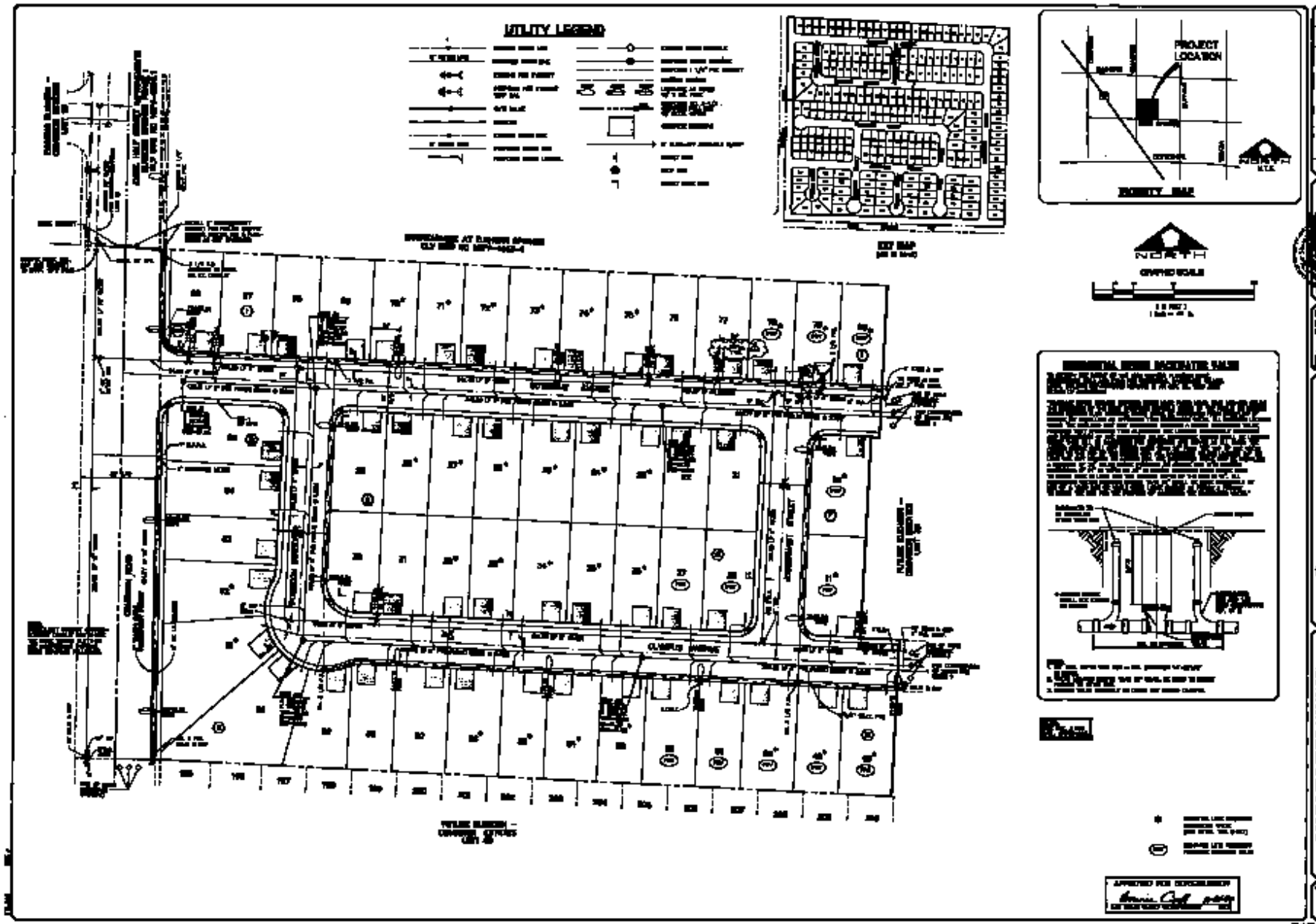
PENTACORE
CIVIL ENGINEERING • LAND SURVEYING • PLANNING
CONSTRUCTION MANAGEMENT • ADA CONSULTING
6763 WEST CHARLESTON BOULEVARD
LAS VEGAS, NEVADA 89102 (702)258-0115

EXECUTIVE DEVELOPMENT CORPORATION
ELKHORN – CIMARRON ESTATES UNIT 3A
UTILITY PLAN

SHEET 4 OF 13

307Y-4498-3A

G:\0222\0010\UNIT3A\UTIL\UTIL Fri Oct 17 08:50:35 1997 J. HIRSHOUER
UTIL.DWG DISK #


UTILITY LEGEND
PROJECT LOCATION
NORTH
PENTACORE
CONCEPTIVE DEVELOPMENT CORPORATION
BARATON - CANYON ESTATES UNIT 3A
UTILITY PLAN
4