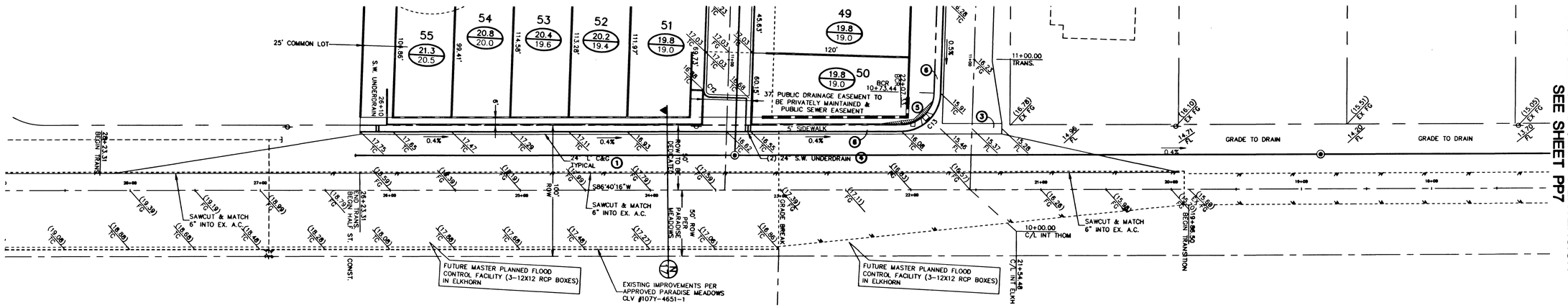
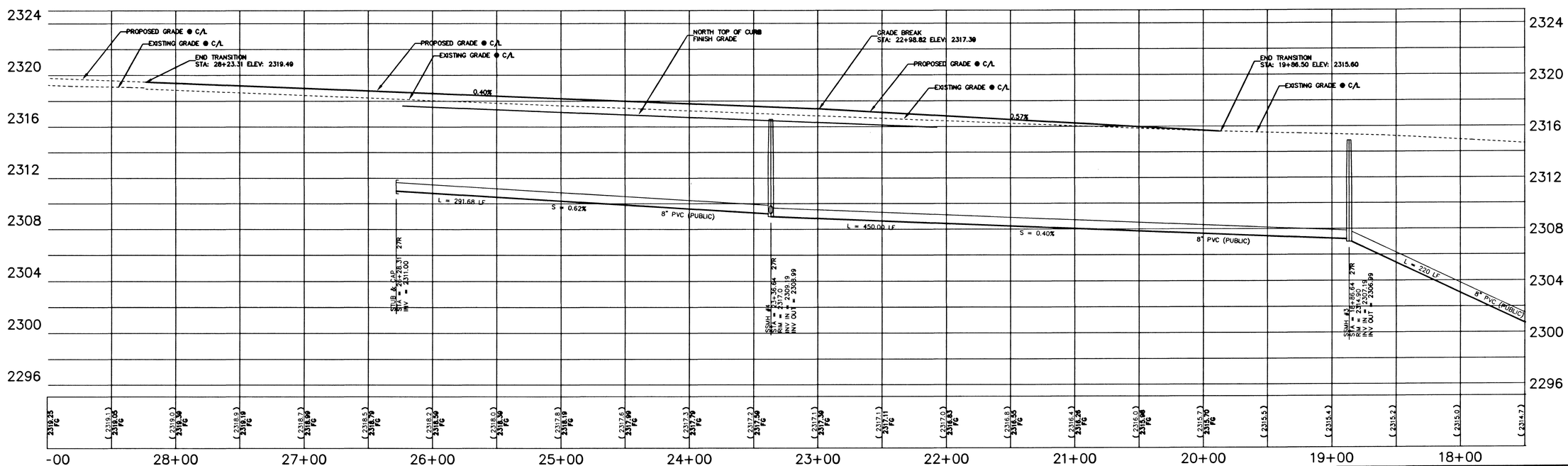


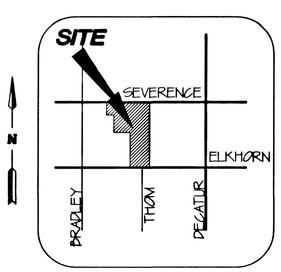

ELKHORN ROAD (PUBLIC STREET) - PROFILE VIEW

## CURVE & LINE DATA TABLE

| No. | BEARING | DISTANCE |
|---|---|---|
| L1 | S88°19'51"W | 18.28 |
| L2 | S88°19'51"W | 18.28 |
| L3 | N00°40'09"W | 2.00 |
| L4 | EAST | 9 |
| L5 | S86°09'01"W | 16.68 |
| L6 | S01°40'09"E | 10.01 |
| L7 | S88°19'51"W | 17.41 |
| L8 | S88°19'51"W | 17.41 |
| L9 | S86°09'01"W | 14.78 |

| No. | RADIUS | DELTA | LENGTH | TANGENT |
|---|---|---|---|---|
| C1 | 40.5' | 38°22'28" | 27.13' | 14.09' |
| C2 | 40.5' | 80°00'31" | 56.55' | 33.99' |
| C3 | 40.5' | 17°05'06" | 12.08' | 6.08' |
| C4 | 40.5' | 72°53'53" | 51.53' | 29.91' |
| C5 | 40.5' | 28°33'24" | 20.19' | 10.31' |
| C6 | 20' | 50°28'44" | 17.62' | 9.43' |
| C7 | 20' | 90°00'00" | 31.42' | 20' |
| C8 | 20' | 51°10'38" | 17.86' | 9.58' |
| C9 | 20' | 49°48'24" | 17.37' | 9.28' |
| C10 | 20' | 49°48'20" | 17.37' | 9.28' |
| C11 | 20' | 51°10'41" | 17.86' | 9.58' |
| C12 | 5' | 90°00'00" | 7.85' | 5' |
| C13 | 30' | 88°20'25" | 46.25' | 29.14' |
| C14 | 40.5' | 21°08'18" | 14.94' | 7.56' |
| C15 | 40.5' | 67°48'18" | 47.93' | 27.22' |
| C16 | 40.5' | 101°57'16" | 72.07' | 49.97' |
| C17 | 40.5' | 22°14'54" | 15.73' | 7.94' |
| C18 | 40.5' | 21°08'19" | 14.94' | 7.56' |

| No. | RADIUS | DELTA | LENGTH | TANGENT |
|---|---|---|---|---|
| C19 | 40.5' | 22°14'51" | 15.73' | 7.94' |
| C20 | 40.5' | 44°20'41" | 31.35' | 16.5' |
| C21 | 40.5' | 96°08'03" | 67.95' | 45.09' |
| C22 | 40.5' | 83°34'32" | 59.08' | 36.2' |
| C23 | 40.5' | 56°54'12" | 40.22' | 21.95' |
| C24 | 40.5' | 193°00'29" | 136.43' | ------ |
| C25 | 40.5' | 69°13'47" | 48.94' | 27.99' |
| C26 | 40.5' | 102°12'51" | 72.25' | 50.2' |
| C27 | 40.5' | 79°00'04" | 55.84' | 33.38' |
| C28 | 40.5' | 06°58'07" | 4.93' | 2.47' |
| C29 | 40.5' | 19°28'55" | 13.77' | 6.95' |
| C30 | 40.5' | 73°18'07" | 51.81' | 30.13' |
| C31 | 40.5' | 102°12'57" | 72.25' | 50.21' |
| C32 | 40.5' | 85°57'29" | 60.76' | 37.74' |
| C33 | 57' | 24°43'17" | 24.59' | 12.48' |
| C34 | 57' | 65°16'43" | 64.94' | 36.51' |
| C35 | 20' | 92°10'50" | 32.18' | 20.78' |
| C36 | 20' | 87°49'10" | 30.65' | 19.23' |




**NOTICE!**

EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.

AVOID CUTTING UNDERGROUND UTILITIES. IT'S COSTLY.

Call BEFORE YOU Dig

1-800-227-2600
UNDERGROUND SERVICE (UGA)

FILE NAME: 007624IMP.DWG
VIEW NAME:

### GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)
HORIZONTAL SCALE 1"=40'
VERTICAL SCALE 1"=8'

30444

### BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS SURVEY IS THE EAST LINE OF THE NORTHEAST ONE-QUARTER OF SECTION 16, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M. WHICH BEARS NORTH 00°19'37" EAST AS SHOWN IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER IN BOOK 79 OF PLATS ON PAGE 50.

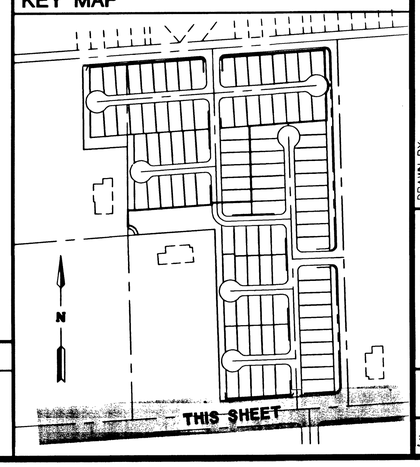
### BENCHMARK

LAS VEGAS BENCHMARK 1LV9013SES, CLARK COUNTY GIS BRASS CAP IN CONC., RLS 4743, 50 FEET NORTH OF BLM BRASS CAP, ELKHORN ROAD AND DECATUR BLVD.
704.4643 METERS (NAVD 88)
704.4643 x (3937/1200) = 2311.230 FEET (NAVD 88)

### CONSTRUCTION NOTES

1. "L" TYPE CURB (UDS#216)
2. "A" TYPE ISLAND CURB (UDS#219)
3. VALLEY GUTTER (UDS#228 AND #229)
4. SIDEWALK UNDERDRAIN (UDS#236)
5. SIDEWALK RAMP (UDS#235), A=8'; B=8'
6. CONSTRUCT S/W PER UDS #234

### KEY MAP




| REV | DATE | BY | REVISION |
|---|---|---|---|
| | | | |

**PULTE HOMES**
1635 VILLAGE CENTER CIRCLE, SUITE 250
LAS VEGAS, NEVADA 89134
(702) 256-7900

**ALPHA & ENGINEERING COMPANY**
50 So. Jones #202, Las Vegas, NV. 89107
Telephone: (702) 877-1300

TITLE: **ELKHORN ROAD PLAN & PROFILE**

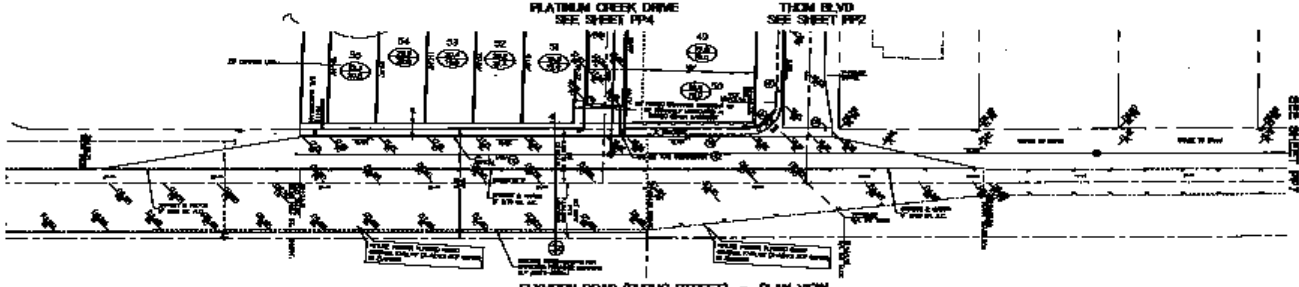
**DIAMOND CREEK UNIT 1**

| | | |
|---|---|---|
| DRAWN BY: RCV | 10-24-00 | |
| DESIGNED BY: RCV | 10-24-00 | |
| CHECKED BY: EN | 10-24-00 | |
| PROJECT NO: 0-076-24 | | SCALE: NTS |

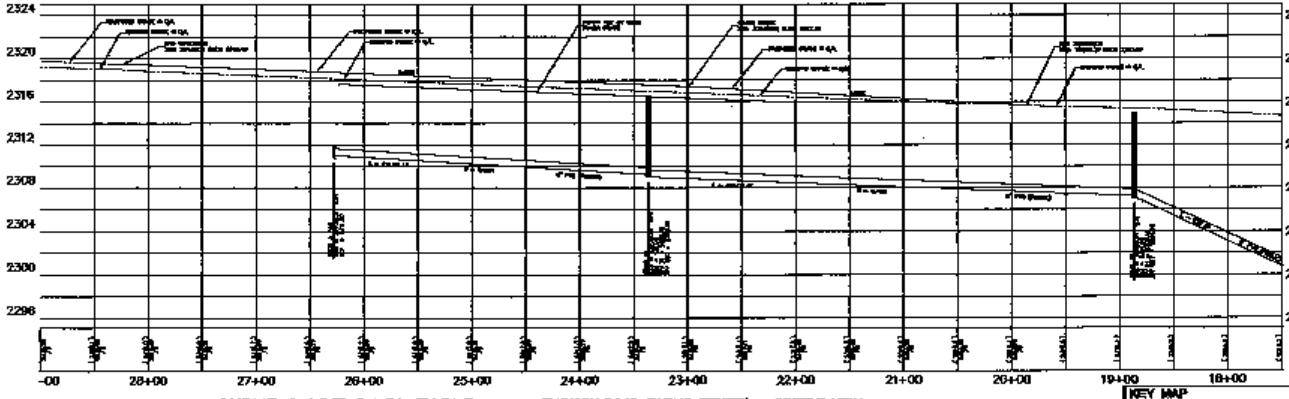
REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA
EVAN NEILSON
CIVIL
No. 14448
3/6/01

SHEET **PP1**
11 OF 18 SHEETS

DRAWING NO.
3074-4658-1

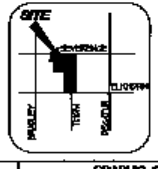



ELKHORN ROAD (PUBLIC STREET) - PLAN VIEW

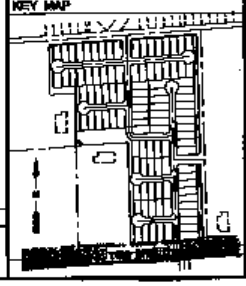



ELKHORN ROAD (PUBLIC STREET) - PROFILE VIEW

## CURVE & LINE DATA TABLE



KEY MAP



| GRAPHIC SCALE | BASIS OF BEARINGS | BENCHMARK | CONSTRUCTION NOTES |
|---|---|---|---|
| | | | |

PULTE HOMES
ALPHA & ENGINEERING COMPANY

ELKHORN ROAD
PLAN & PROFILE

DIAMOND CREEK
UNIT 1

PP1