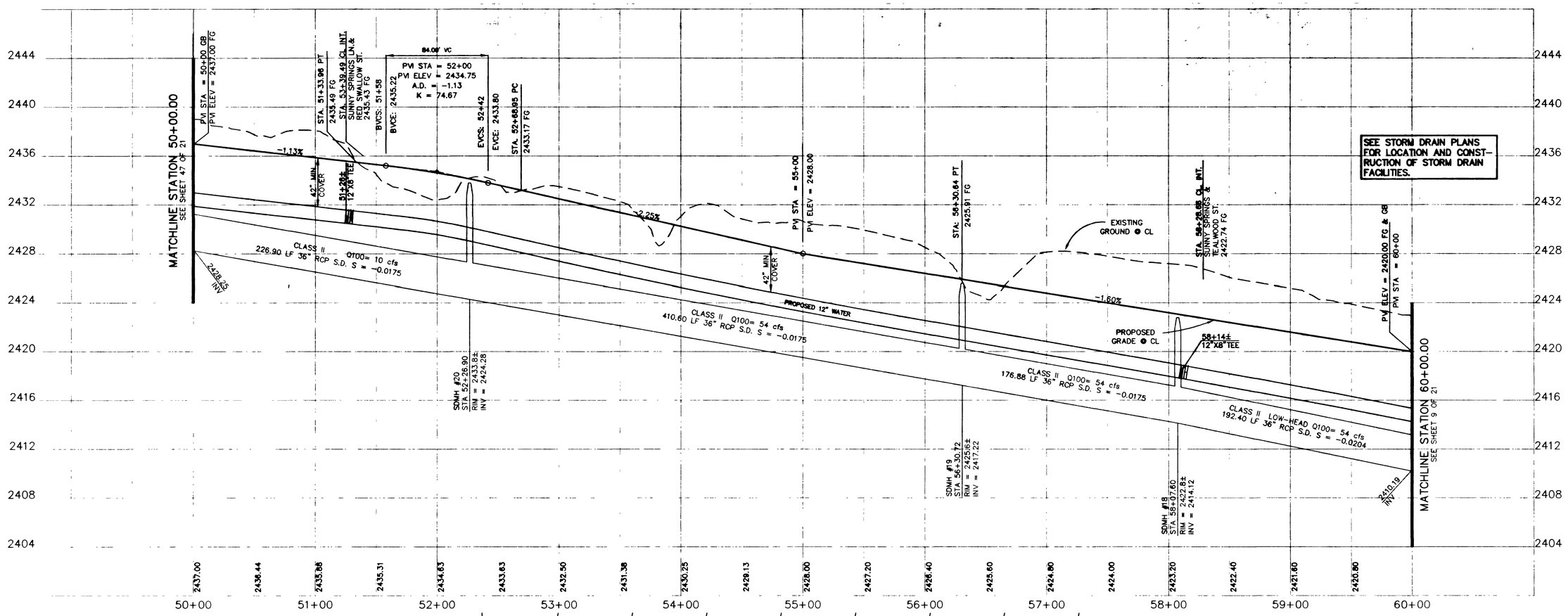
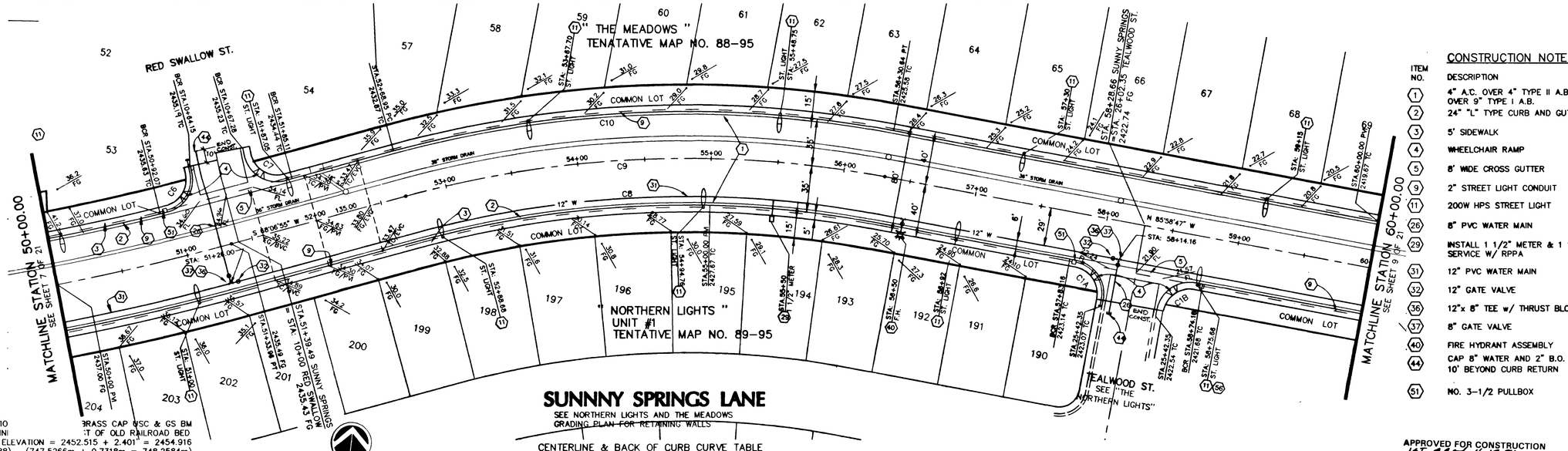



## BENCHMARK

PROJECT DATUM=NGVD29 NO.14, STATIO BRASS CAP NSC & GS BM
#113 3/4 MILE NORTH OF 1LV9028NNI :T OF OLD RAILROAD BED
ELEVATION = 2452.515 EQUATION ELEVATION = 2452.515 + 2.401" = 2454.916
(TO NAVD88) (747.5266m + 0.7318m = 748.2584m)

### NOTICE TO CONTRACTOR !

EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

AVOID CUTTING UNDERGROUND UTILITIES. IT'S COSTLY.
CALL before you DIG
1-800-227-2600
UNDERGROUND SERVICE (USA)

GRAPHIC SCALE
40 0 20 40 80 160
( IN FEET )
1 inch = 40 ft.

## SUNNNY SPRINGS LANE

SEE NORTHERN LIGHTS AND THE MEADOWS
GRADING PLAN FOR RETAINING WALLS

CENTERLINE & BACK OF CURB CURVE TABLE

| CURVE | RADIUS | DELTA | TANGENT | LENGTH |
|---|---|---|---|---|
| C1A | 25.00' | 90°00'00" | 25.00' | 39.27' |
| C1B | 25.00' | 90°00'00" | 25.00' | 39.27' |
| C5 | 25.00' | 88°25'48" | 24.32' | 38.51' |
| C7 | 25.00' | 93°47'50" | 26.71' | 40.92' |
| C8 | 785.00' | 25°34'19" | 175.95' | 345.88' |
| C9 | 800.00' | 25°34'17" | 184.00' | 361.70' |
| C10 | 835.00' | 25°34'19" | 192.05' | 377.53' |

| S/W RAMP DATA | |
|---|---|
| @ C1A | @ C1B |
| A = 8' | A = 8' |
| B = 8' | B = 8' |
| Z = 2.75% | Z = 2.75% |

| S/W RAMP DATA | |
|---|---|
| @ C5 | @ C7 |
| A = 8' | A = 8' |
| B = 8' | B = 8' |
| Y = 2.75% | Y = 2.75% |

### CONSTRUCTION NOTES :

| ITEM NO. | DESCRIPTION |
|---|---|
| 1 | 4" A.C. OVER 4" TYPE II A.B. OVER 9" TYPE I A.B. |
| 2 | 24" "L" TYPE CURB AND GUTTER |
| 3 | 5' SIDEWALK |
| 4 | WHEELCHAIR RAMP |
| 5 | 8' WIDE CROSS GUTTER |
| 9 | 2" STREET LIGHT CONDUIT |
| 11 | 200W HPS STREET LIGHT |
| 26 | 8" PVC WATER MAIN |
| 29 | INSTALL 1 1/2" METER & 1 1/2" SERVICE W/ RPPA |
| 31 | 12" PVC WATER MAIN |
| 32 | 12" GATE VALVE |
| 36 | 12"x 8" TEE w/ THRUST BLOCK |
| 37 | 8" GATE VALVE |
| 40 | FIRE HYDRANT ASSEMBLY |
| 44 | CAP 8" WATER AND 2" B.O. 10' BEYOND CURB RETURN |
| 51 | NO. 3-1/2 PULLBOX |

APPROVED FOR CONSTRUCTION
1ST APP 4-12-96
LVVWD DATE 5/02/96

| NO. | DATE | BY | APP'D | REVISION DESCRIPTION |
|---|---|---|---|---|

PROFESSIONAL ENGINEER STATE OF NEVADA
MARK E. JONES
No. 6894
CIVIL
STAMP DATE 4/30/96

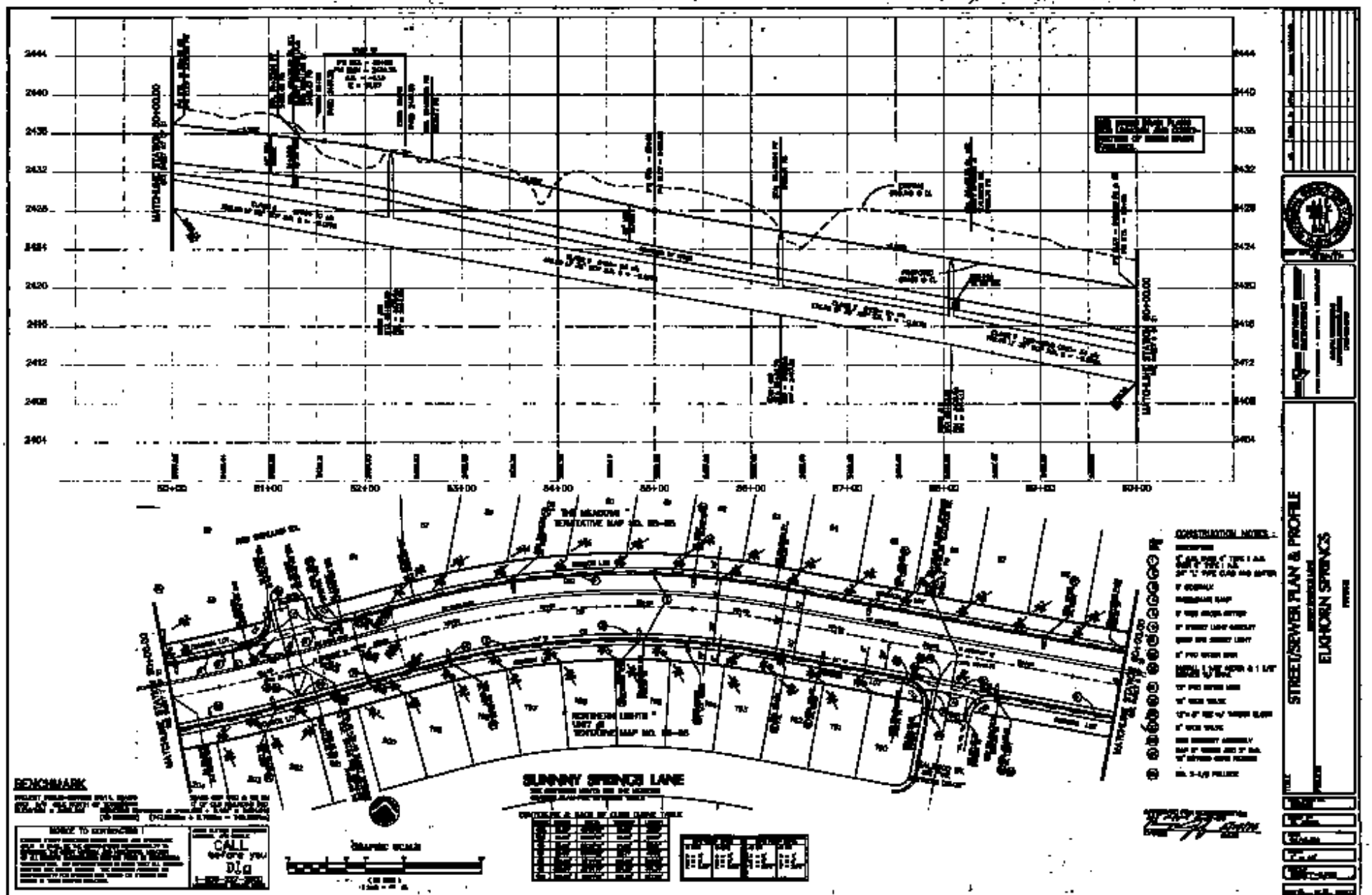
SOUTHWEST ENGINEERING
LAND PLANNING • MAPPING • DEVELOPMENT
5425 W. VEGAS DRIVE
LAS VEGAS, NEVADA 89108
(702) 646-9700

TITLE: STREET/SEWER PLAN & PROFILE
SUNNY SPRINGS LANE
PROJECT: ELKHORN SPRINGS
PHASE II

WORK ORDER NO: 950925
DESIGN BY: M. JONES
DATE: 04/15/96
SCALE: 1" = 40'
CAD FILE: SUNSPP-B.DWG
SHEET 8 OF 21 SHEETS

7675 11-8=104

107Y-4299-2


STREET/SEWER PLAN & PROFILE
ELKHORN SPRINGS
SUNNY SPRINGS LANE
BENCHMARK
CONSTRUCTION NOTES
CALL BEFORE YOU DIG
107Y-4299-2