

Call before  
you Dig  
1-800-227-2600  
Call before  
you Overhead  
1-702-593-6111

## BENCHMARK

Elevation = 3209.10 FEET (NAVD 88 DATUM)

CITY OF LAS VEGAS BENCHMARK No. 9LV19 2NWS

NDOT DISC SET IN CONCRETE, 50 FEET SOUTH OF THE CENTERLINE OF CHARLESTON BLVD. AT P.T. COMING OUT OF RED ROCK, STAMPED STA. 787+19.42 PT ± MP 14.7

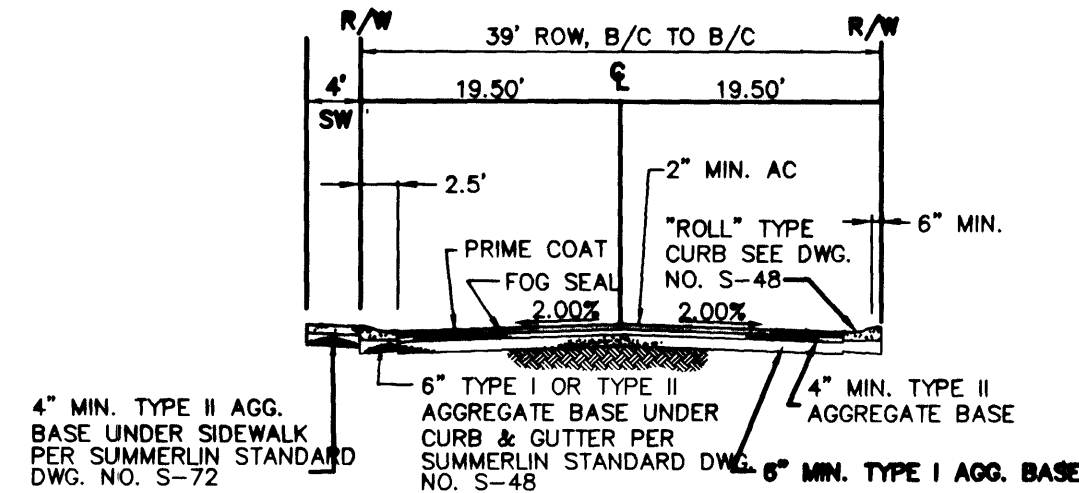
NAVD 88 ELEVATION = 978.1356 METERS

## BASIS OF BEARINGS

NORTH 89°46'49" EAST, BEING THE BEARING OF THE NORTH LINE OF SECTION 27, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN IN FILE 92 OF SURVEYS, PAGE 42, OFFICIAL RECORDS OF CLARK COUNTY, NEVADA.

| LINE TABLE |             |          |
|------------|-------------|----------|
| LINE       | BEARING     | DISTANCE |
| L3         | N121°4'38"W | 104.56   |
| L4         | N121°4'38"W | 96.74    |
| L5         | N121°4'38"W | 24.80    |
| L6         | S01°03'34"W | 13.36    |
| L7         | N121°4'38"W | 27.30    |
| L8         | S01°03'34"W | 13.36    |
| L10        | N88°56'26"W | 277.80   |

| CURVE TABLE |         |           |         |         |
|-------------|---------|-----------|---------|---------|
| CURVE       | RADIUS  | DELTA     | LENGTH  | TANGENT |
| C6          | 841.00' | 12°54'01" | 189.35' | 95.08'  |
| C7          | 20.00'  | 81°49'09" | 28.56'  | 17.33'  |
| C8          | 20.00'  | 83°07'31" | 32.51'  | 21.12'  |
| C17         | 20.00'  | 90°00'00" | 31.42'  | 20.00'  |
| C18         | 190.00' | 131°8'12" | 44.12'  | 22.16'  |
| C19         | 229.00' | 131°8'12" | 53.17'  | 26.71'  |
| C20         | 20.00'  | 90°00'00" | 31.42'  | 20.00'  |



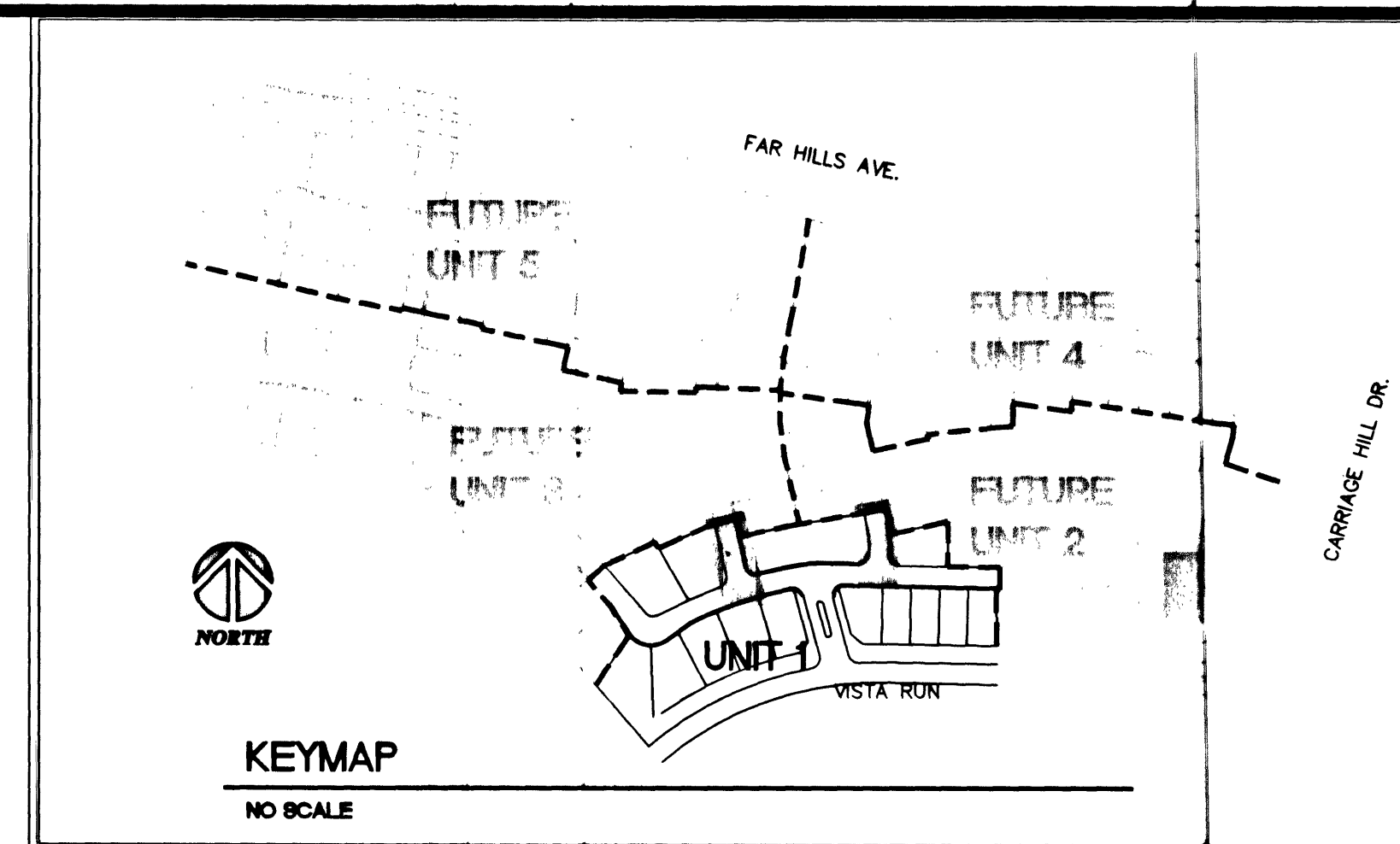
39' PUBLIC RESIDENTIAL ROAD  
NOT TO SCALE

## GRADING KEY NOTES

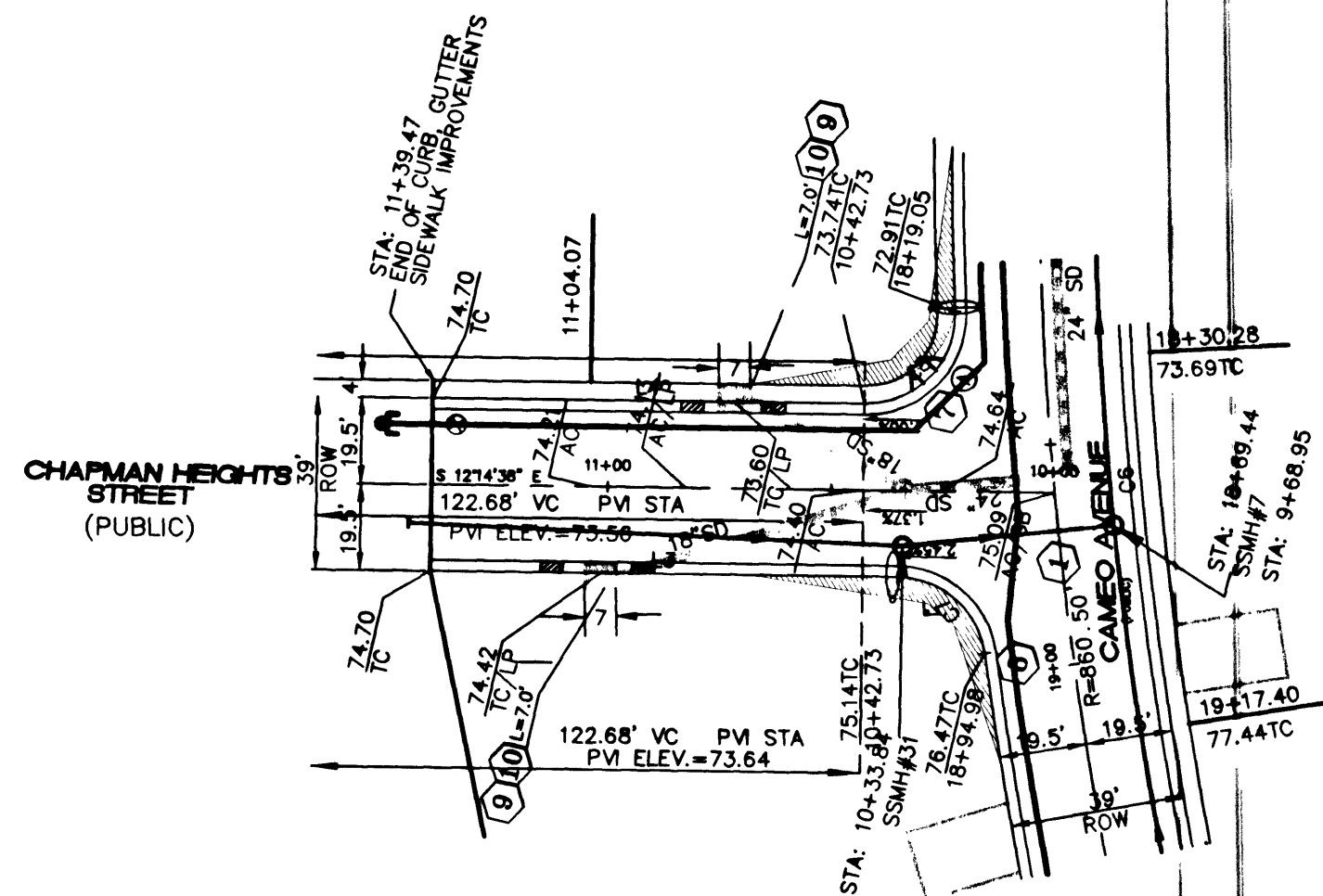
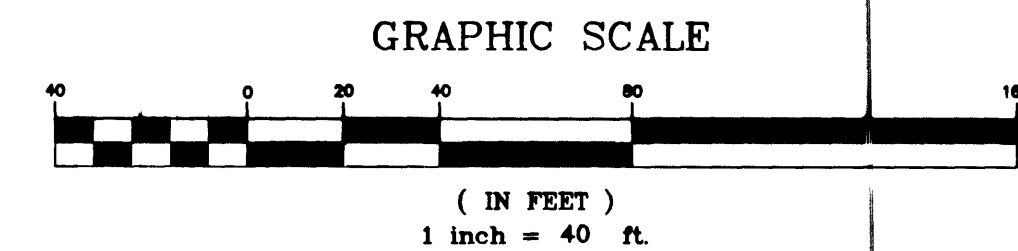
- CONSTRUCT 2" MIN. AC OVER 4.5" MIN TYPE II AGG. BASE ON 6" MIN. TYPE I AGG. BASE PER SUMMERLIN STD. NO. S-14.
- CONSTRUCT 3" MIN. AC OVER 4" MIN TYPE II AGG. BASE ON 6" MIN. TYPE I AGG. BASE PER SUMMERLIN STD. NO. S-12.
- CONSTRUCT "L" TYPE CURB PER SUMMERLIN STD. DWG. NO. S-47.
- CONSTRUCT "A" TYPE CURB PER SUMMERLIN STD. DWG. NO. S-50.
- CONSTRUCT CONC. SIDEWALK PER SUMMERLIN STD. DWG. NO. S-72. SEE PLANS FOR WIDTH.
- CONSTRUCT 8" WIDE CROSS GUTTER PER SUMMERLIN STD. DWG. NO. S-64.
- CONSTRUCT SIDEWALK RAMP (WALKWAY DETACHED FROM CURB) PER SUMMERLIN IMPROVEMENT STANDARD DWG. NO. S-75.
- CONSTRUCT ROLL TYPE CURB PER SUMMERLIN STD. S-48.
- CONSTRUCT 5" TRANSITION FROM "L" TYPE CURB TO ROLL TYPE CURB PER DETAIL 7 SHEET DT-1.
- INSTALL TYPE CM2 CATCH BASIN PER DETAIL, SHEET DT-2. SEE PLAN AND PROFILE FOR SIZES.

## CONTRACTORS NOTE

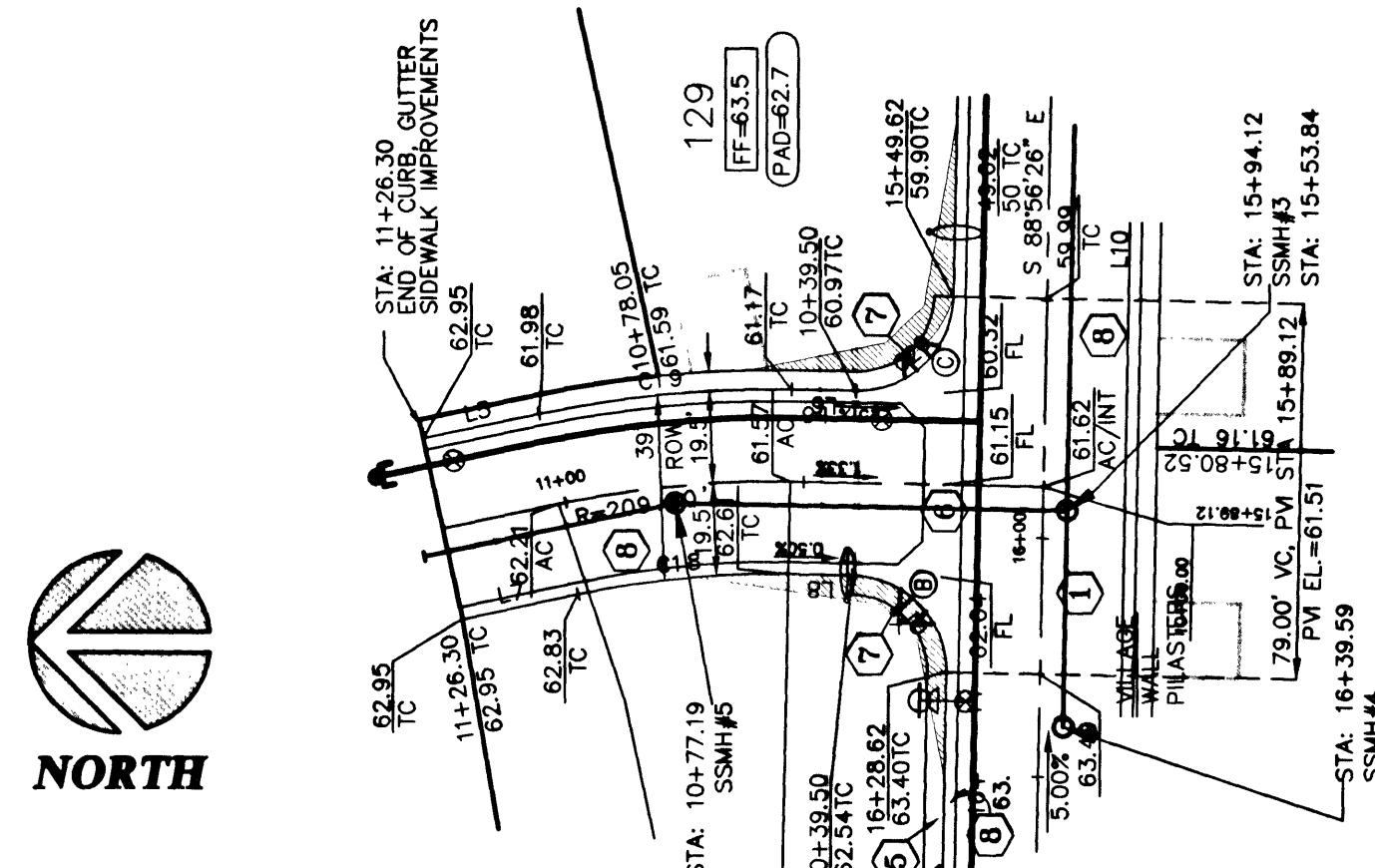
CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCY BETWEEN INFORMATION ON PLANS AND EXISTING SITE CONDITIONS.



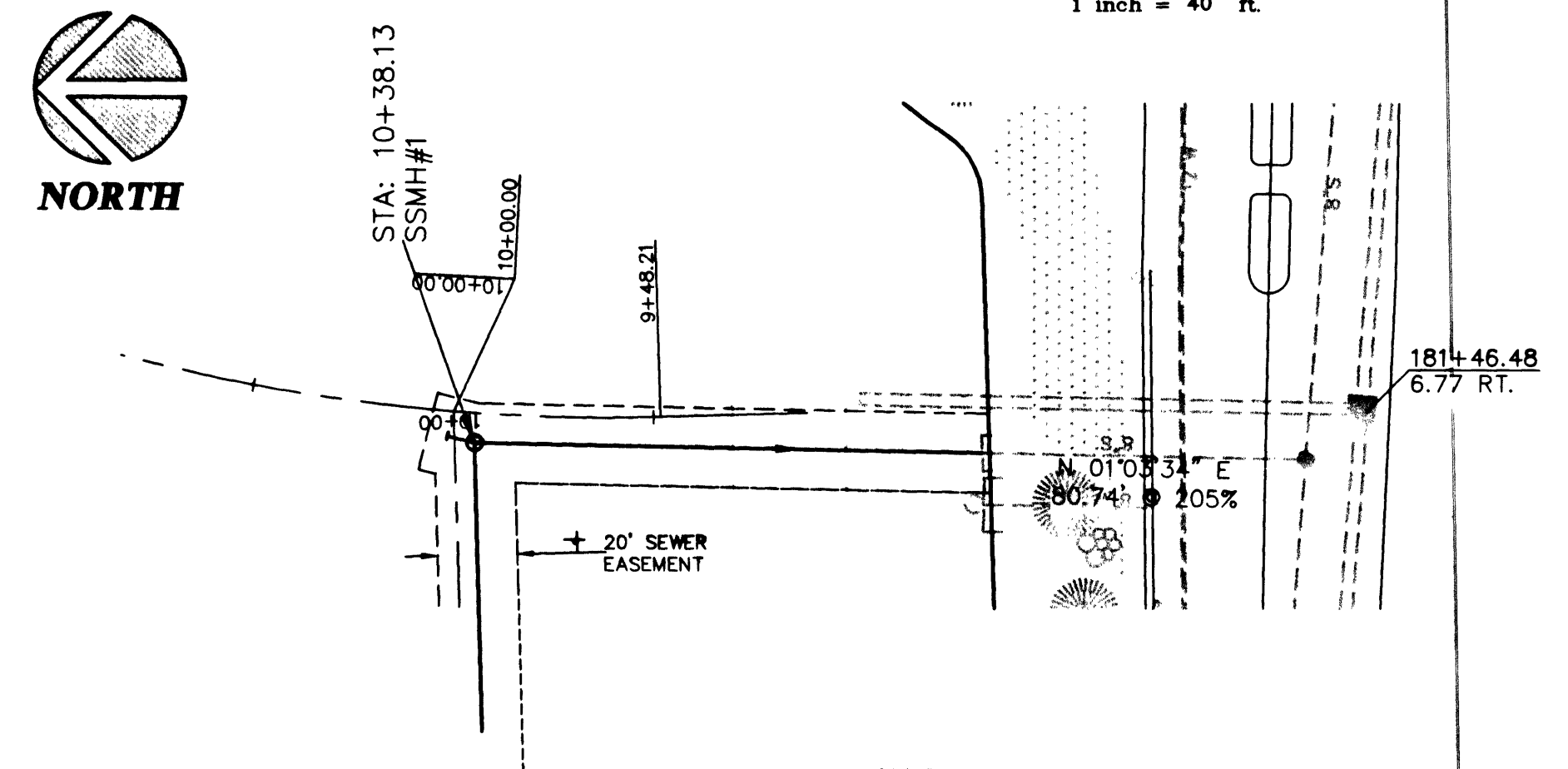
KEYMAP  
NO SCALE



CHAPMAN HEIGHTS STREET  
(PUBLIC)  
SCALES: HORIZONTAL 1"=40'  
VERTICAL 1"=4'



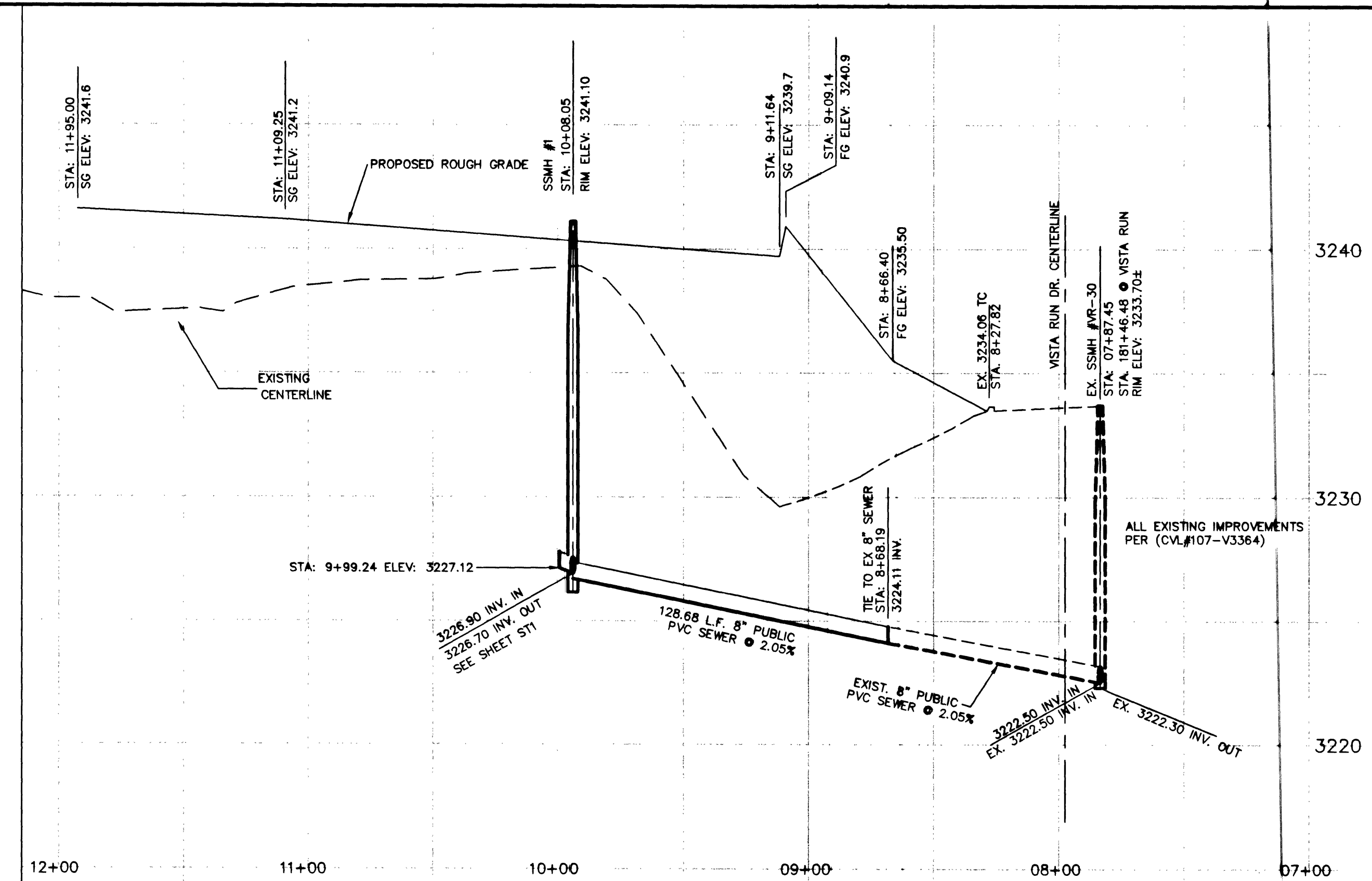
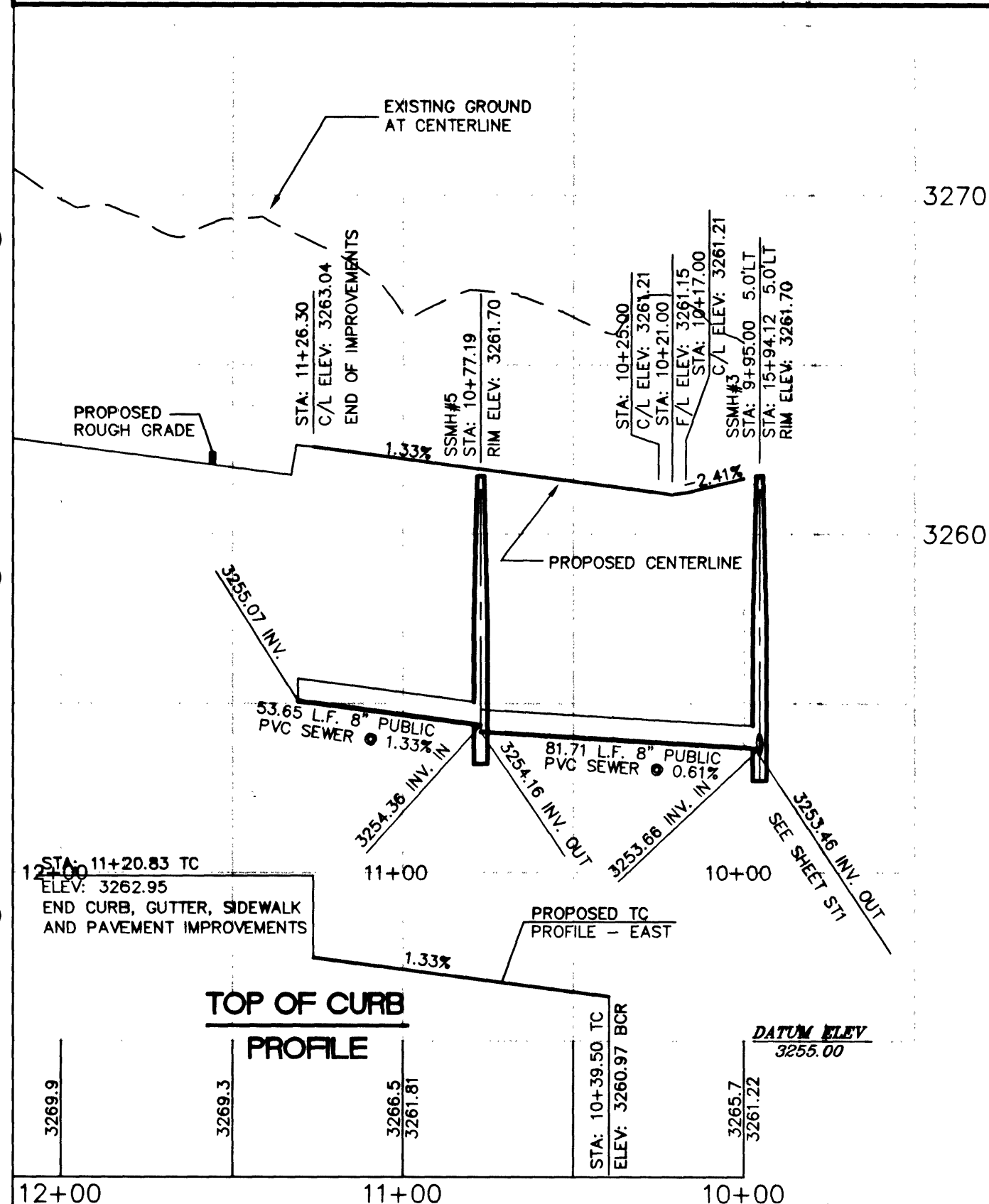
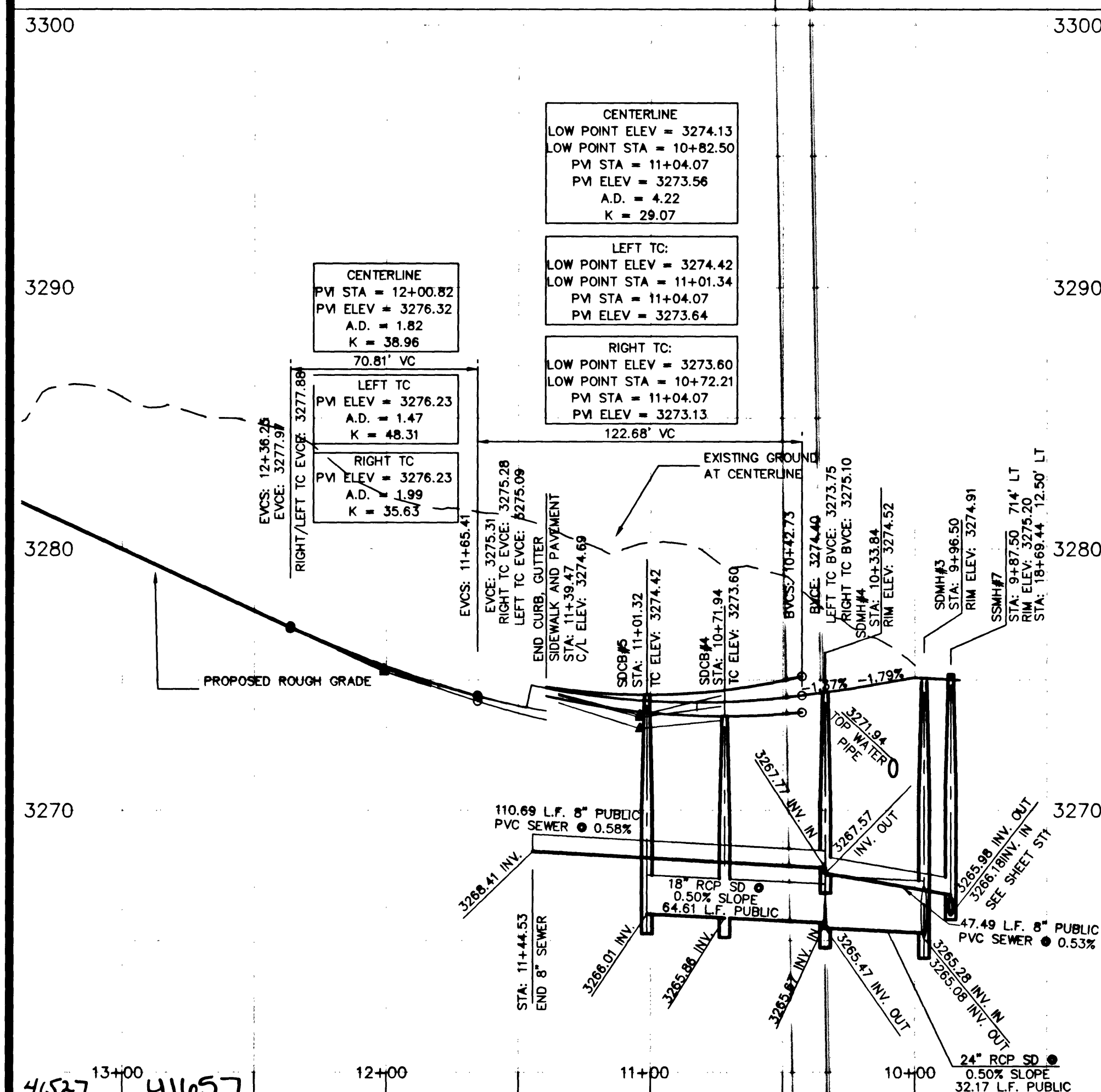
ALERION STREET  
(PUBLIC)  
SCALES: HORIZONTAL 1"=40'  
VERTICAL 1"=4'



BRUNEL AVE.  
(PUBLIC)  
SCALES: HORIZONTAL 1"=40'  
VERTICAL 1"=4'

APPROVED FOR CONSTRUCTION

6/14/02  
DATE



DESIGNED BY:  
DRAWN BY:  
CHECKED BY:  
PROJECT DATE:

NO. REVISIONS  
DATE  
BY

DESIGNED BY:  
DRAWN BY:  
CHECKED BY:  
PROJECT DATE:

NO. REVISIONS  
DATE  
BY

SUMMERLIN, VILLAGE 20  
CITY OF LAS VEGAS

CHAPMAN HEIGHTS STREET  
ALERION STREET  
STREET AND SEWER  
PLAN AND PROFILE

NEVADA

William Lyon Homes, Inc.

ENGINEER-STATE OF NEVADA  
DARREN M. BENCH  
PROFESSIONAL  
No. 10344602

6280 S. Valley View Blvd  
Suite 200  
Las Vegas, NV 89118  
Tel: (702) 368-3008  
Fax: (702) 368-0047

CONSULTANTS, INC.  
ENGINEERING · PLANNING · LAND SURVEYING

SHEET  
ST3  
13 OF 16

AGENCY DWG. NO.  
307Y-4705