Avoid cutting underground utility lines. It's costly.

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

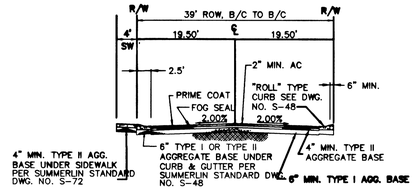
NAVD 88 ELEVATION = 978.1356 METERS

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	N12°14'38"W	104.56
L4	N12°14'38"W	96.74
L5	N12°14'38"W	24.80
L6	S01°03'34"W	13.36
L7	N12°14'38"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'	93°07'31"	32.51'	21.12'
C17	20.00'	90°00'00"	31.42'	20.00'
C18	190.00'	13°18'12"	44.12'	22.16'
C19	229.00'	13°18'12"	53.17'	26.71'
C20	20.00'	90°00'00"	31.42'	20.00'



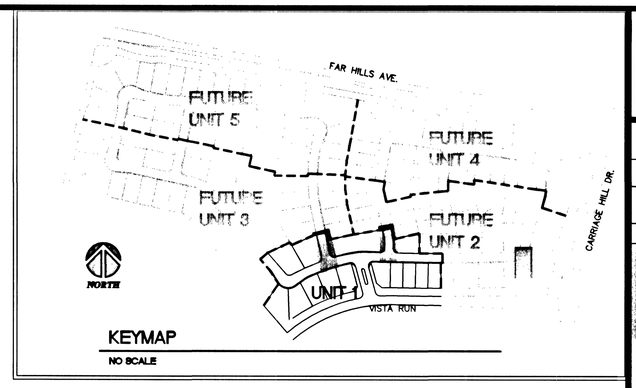
39' PUBLIC RESIDENTIAL ROAD
NOT TO SCALE

GRADING KEY NOTES

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

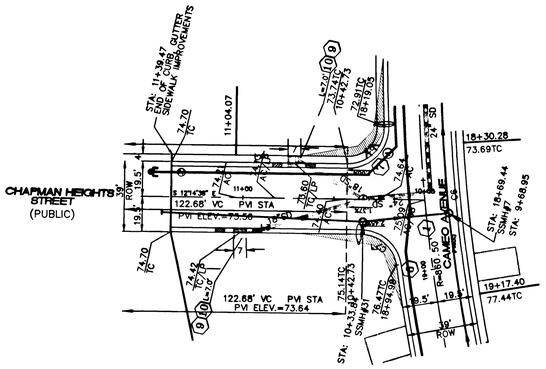
CONTRACTORS NOTE

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

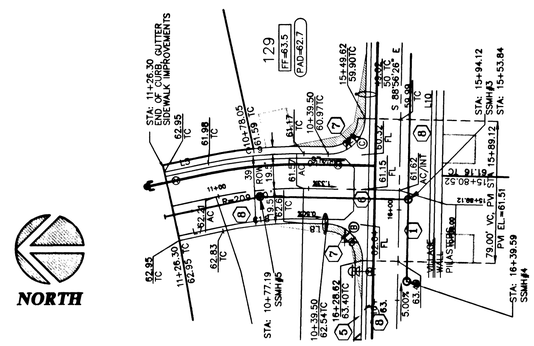


KEYMAP
NO SCALE

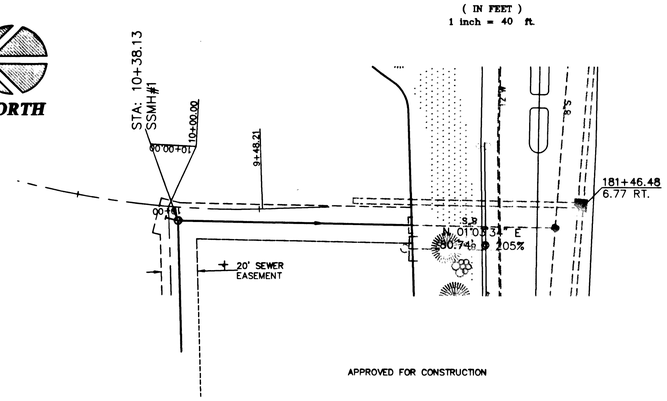
GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.



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



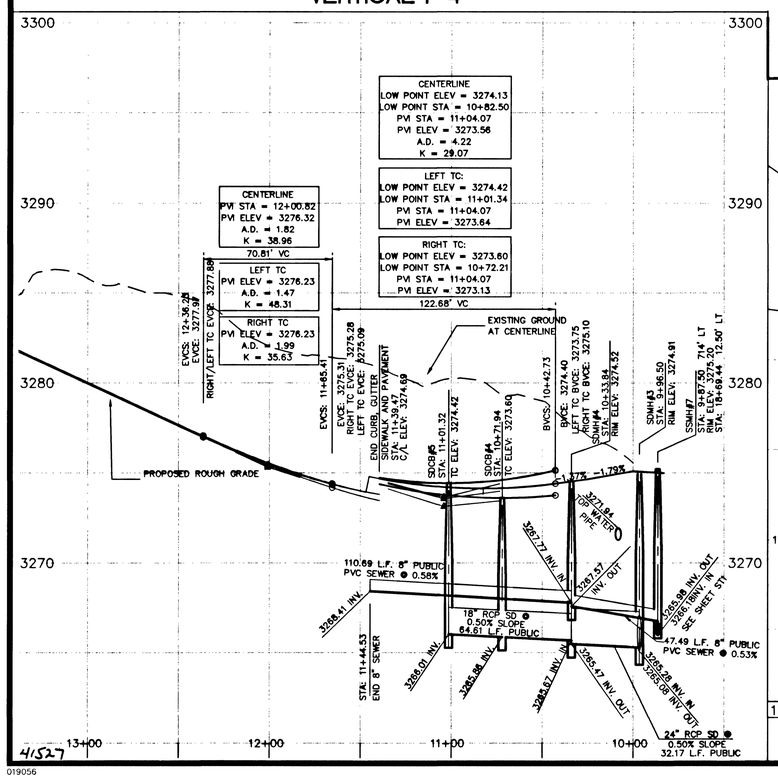
ALERION STREET (PUBLIC)
SCALES: HORIZONTAL 1"=40'
VERTICAL 1"=4'

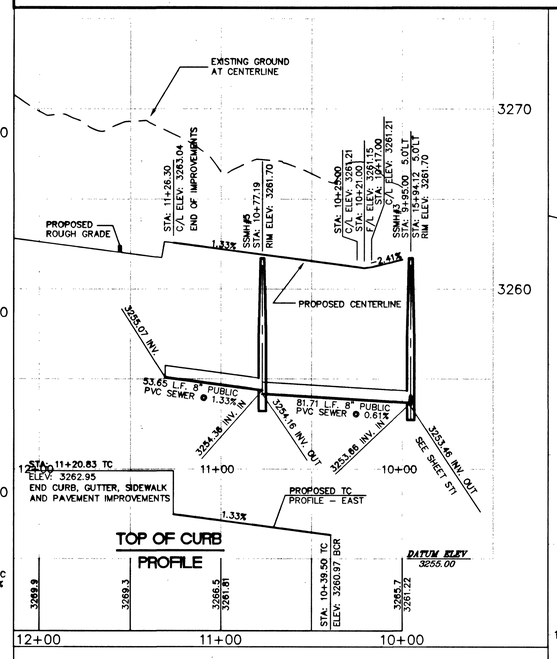


APPROVED FOR CONSTRUCTION

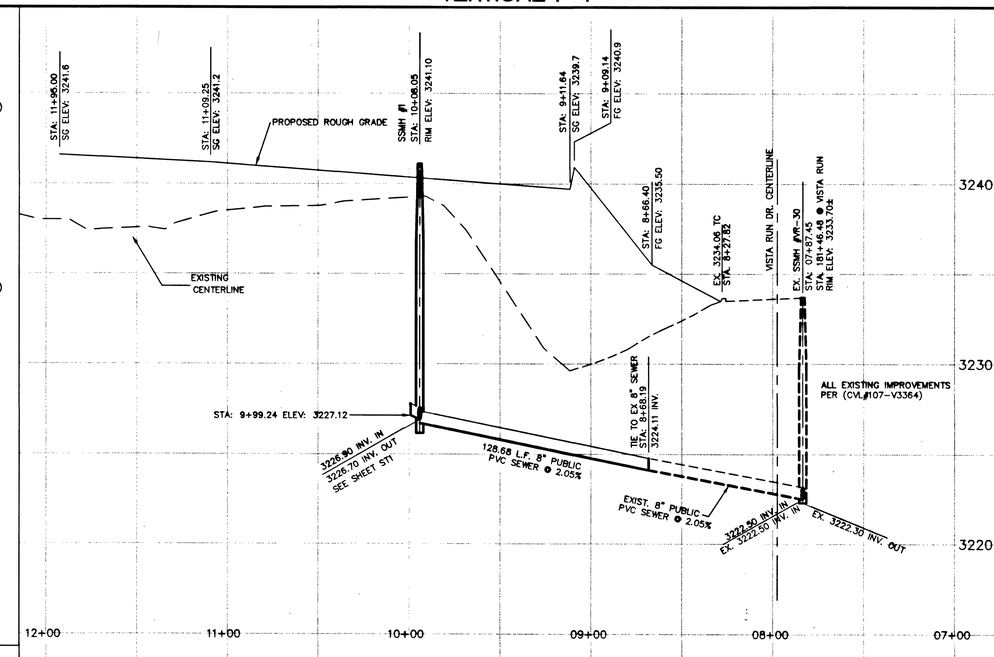
LAS VEGAS VALLEY WATER DISTRICT _____ DATE _____

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





TOP OF CURB PROFILE



REV.	REVISIONS	BY	DATE	APP.	DATE
1					
2					
3					
4					
5					

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

SUMMERLIN, VILLAGE 20
CITY OF LAS VEGAS NEVADA

CHAPMAN HEIGHTS STREET
ALERION STREET
STREET AND SEWER
PLAN AND PROFILE

DEVELOPER: William Lyon Homes, Inc.

SEAL: PROFESSIONAL ENGINEER - STATE OF NEVADA, DARREN W. BENCH, No. 10879

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

019056

CVL Proj. No. 019056