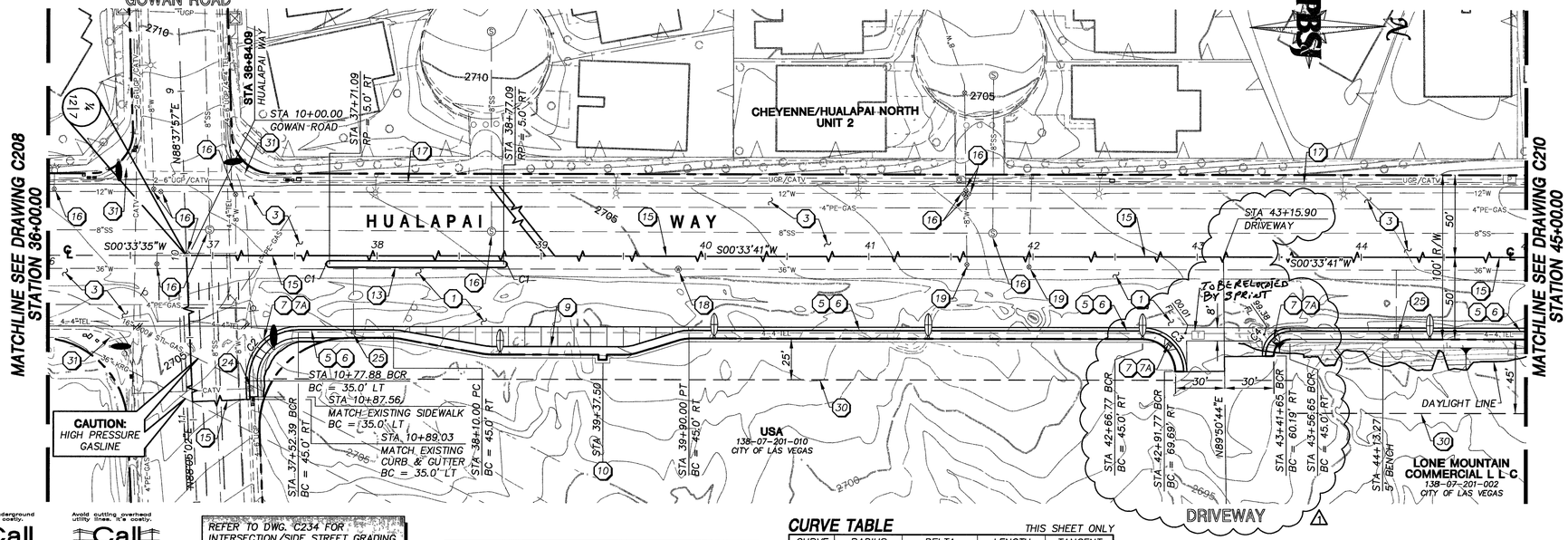


Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600
Nevada Power Environment and Safety Services Department

Avoid cutting overhead utility lines. It's costly.
Call before you Overhead
1-702-593-6111
Nevada Power Environment and Safety Services Department

REFER TO DWG. C234 FOR INTERSECTION/SIDE STREET GRADING

LVVWD DATE

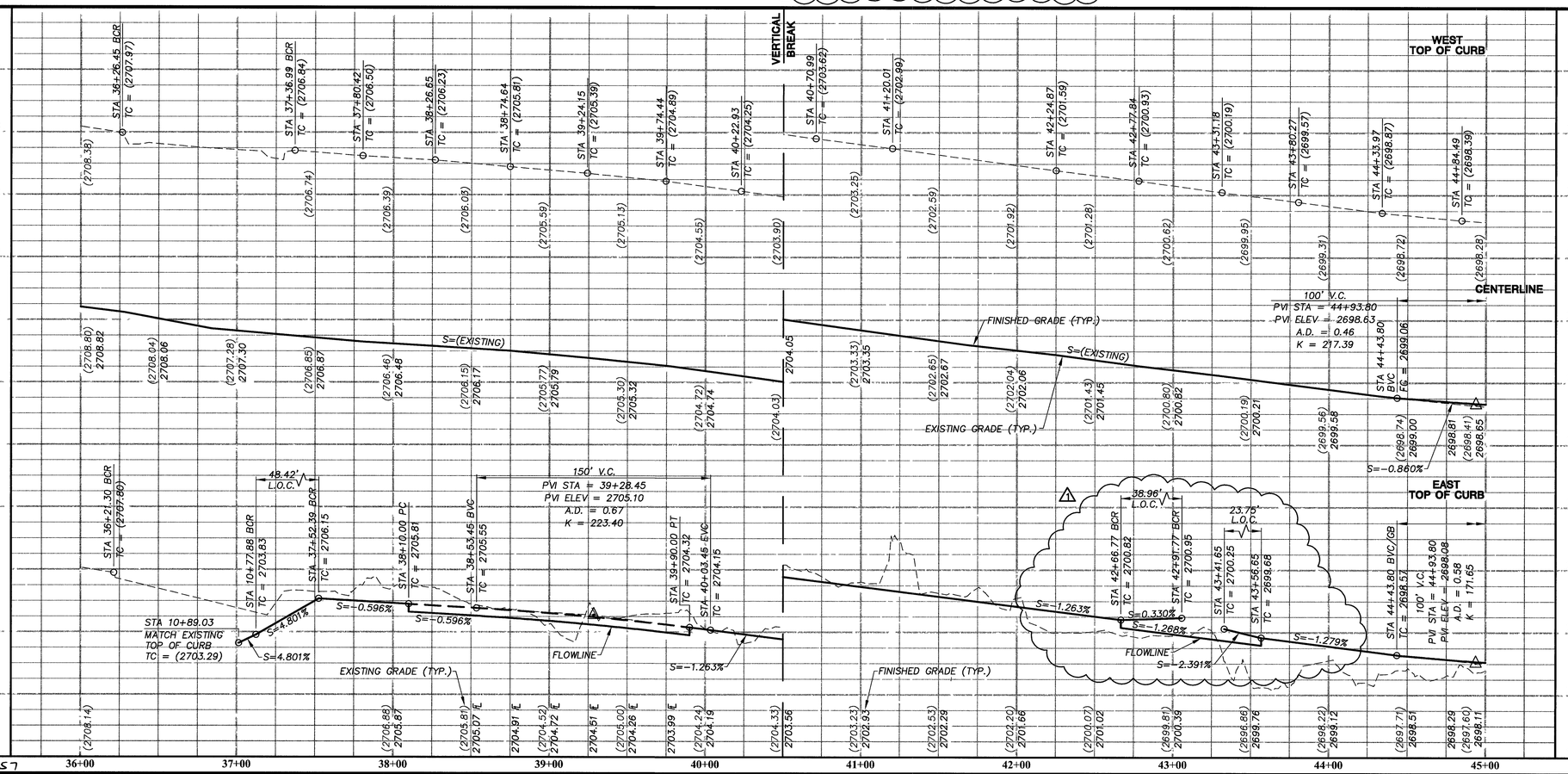
CONTRACTOR TO CONTACT KERN RIVER GAS COMPANY TO APPLY & SECURE AN ENCROACHMENT PERMIT CALL AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. PH.# (702) 369-3600.

CURVE TABLE

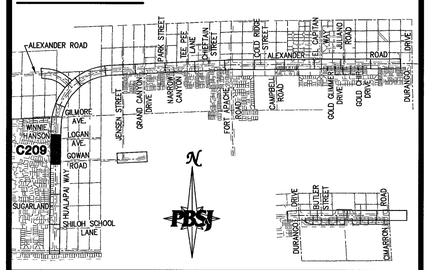
THIS SHEET ONLY

CURVE	RADIUS	DELTA	LENGTH	TANGENT
C1	2.00'	180°00'00"	6.28'	INFINITE
~~C2~~	~~30.00'~~	~~92°28'38"~~	~~48.42'~~	~~31.33'~~
C3	25.00'	89°17'03"	38.96'	24.69'
C4	15.00'	90°42'57"	23.75'	15.19'

FOR LONE MOUNTAIN DETENTION BASIN SITE GRADING REFER TO LONE MOUNTAIN DETENTION BASIN GRADING PLANS SHEETS LM100 TO LM107



SHEET INDEX



GRAPHIC SCALE

40 0 20 40 80 160

(IN FEET)

HORIZ 1 inch = 40ft.
VERTICAL 1 inch = 4 ft.

BASIS OF BEARING

THE BASIS OF BEARINGS FOR THIS PROJECT IS GRID NORTH AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE, (2701), DETERMINED BY GIS CONTROL POINTS. "808" AND "877" AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE, IN FILE 88 OF SURVEYS, AT PAGE 53.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK NO. 9LV00 7N4 – RIVET AND PLATE IN TOP OF CURB SOUTHEAST CORNER OF ALEXANDER ROAD AND GRAND CANYON DRIVE.

NAVD 1988 DATUM
ELEVATION = 792.858 METERS
2601.24 FEET

CAUTION:
EXISTING UTILITIES ARE LOCATED ON THE PLANS FROM A SEARCH OF AVAILABLE RECORDS. CONTRACTOR TO VERIFY LOCATIONS AND DEPTHS PRIOR TO CONSTRUCTION.

KEY NOTES

1. CONSTRUCT PLANTMIX BITUMINOUS SURFACE WITH TYPE II AGGREGATE BASE. (SEE DWGS. C200 TO C205).
2. CONSTRUCT PLANTMIX BITUMINOUS SURFACE. (SEE DWGS. C200 TO C205).
3. CONSTRUCT ¾" OPEN GRADE. (SEE DWGS. C200 TO C205).
4. CONSTRUCT SIDEWALK DRAIN PER USD #236.
5. CONSTRUCT "L" TYPE CURB AND GUTTER PER USD #216.
6. CONSTRUCT CONCRETE SIDEWALK PER USD #234.
7. CONSTRUCT SIDEWALK RAMP PER USD #235 CASE I.
7A. DETECTABLE WARNING BUTTONS.
8. CONSTRUCT CONCRETE CROSS GUTTER PER USD #228 AND DETAIL 'A' DWG. C238.
9. CONSTRUCT BUS TURN-OUT PER USD #234.1 AND #234.3.
10. CONSTRUCT BUS STOP LOADING PAD PER USD #234.2.
11. CONSTRUCT COMMERCIAL DRIVEWAY OPTION A PER USD #224.
12. CONSTRUCT RESIDENTIAL DRIVEWAY PER USD #223.
13. CONSTRUCT TACK-ON CONCRETE MEDIAN SURFACE PER DETAIL '4' DWG. C205.
14. MILL, APPLY ¾" OPEN GRADE, MATCH EXISTING PAVEMENT.
15. SAWCUT LINE.
16. PROTECT-IN-PLACE, MILL TO EXISTING EDGE. APPLY ¾" OPEN GRADE.
17. PROTECT-IN-PLACE.
18. ADJUST EXISTING MANHOLE COVER TO FINISH GRADE PER USD #408.
19. ADJUST EXISTING WATER VALVE BOX COVER TO FINISH GRADE PER UDACS PLATE #8.
20. EXISTING GAS APPURTENANCES TO BE ADJUSTED TO FINISH GRADE BY OTHERS.
21. ADJUST EXISTING BLOW-OFF & RISER ASSEMBLY TO FINISH GRADE PER UDACS PLATE #4 AND DETAIL 'B' DWG. C238.
22. ADJUST EXISTING ELECTRIC MANHOLE TO FINISH GRADE BY NEVADA POWER.
23. ADJUST EXISTING TELEPHONE MANHOLE TO FINISH GRADE BY SPRINT.
24. ADJUST EXISTING CATV PULLBOX TO FINISH GRADE BY COX COMMUNICATIONS.
25. ADJUST WATER TEST STATION TO FINISH GRADE PER DETAIL 'C' DWG. C238.
26. ADJUST COMBINATION AVAR TO FINISH GRADE.
27. ADJUST EXISTING FIRE HYDRANT TO FINISH GRADE PER UDACS PLATE #7.
28. RELOCATE 3" COMBINATION AVAR PER UDACS PLATE #37.
29. RELOCATE WATER TEST STATION PER DETAIL 'C' DWG. C238.
30. CONSTRUCTION/SLOPE EASEMENT AS NOTED.
31. INSTALL DETECTABLE WARNING BUTTONS IN EXISTING RAMP PER USD #235 (4 OF 4).
32. CONSTRUCT NEW SIDEWALK RAMP IN EXISTING SIDEWALK. PER USD #235 CASE I.
33. CONSTRUCT CONCRETE MEDIAN SURFACE PER USD #218.

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DESIGN SECTION

CITY ENGINEER: CHARLES KAJKOWSKI JR, P.E.
CITY PROJECT ENGINEER: MARVIN STINE, P.E.
PROJECT MANAGER: ALI ZENHARI, P.E.
DESIGN BY: AZ/LSB
DRAWN BY: LSB
CHECK BY: AZ
DATE: FEB. 11, 2004

1 08/29/05 ADD DRIVEWAY - LONE MOUNTAIN SPORTS COMPLEX

TITLE:
ALEXANDER ROAD/HUALAPAI WAY
ROAD IMPROVEMENTS PROJECT
CHEYENNE AVENUE TO DURANGO DRIVE

SHEET:
HUALAPAI WAY
PLAN AND PROFILE
STA 36+00.00 TO STA 45+00.00

PROFESSIONAL ENGINEER – STATE OF NEVADA – ALI R. ZENHARI – EXP. 6-30-06 – CIVIL – No. 08930 – 8/31/05

SHEET: C209
23 of 124
DRAWING# 107-V-3594

ALEXANDER ROAD/HUALAPAI WAY FINAL SUBMITTAL

T:\projects\1400\C209-1400 08-29-05; 1400-STLT 12-14-04; 1400-PRR-CL; 1400-PRR-RT 08-29-05; 1400-PRR-LT; 1400-MPN 01-06-05 *8-31-05 09:49am *USER: 14580 *XREFS: 1400-MP 08-29-05; 1400-BRR; 1400-UT; 1400-GR; 1400-CKN; 1400-TP; 1400-MP 01-06-05