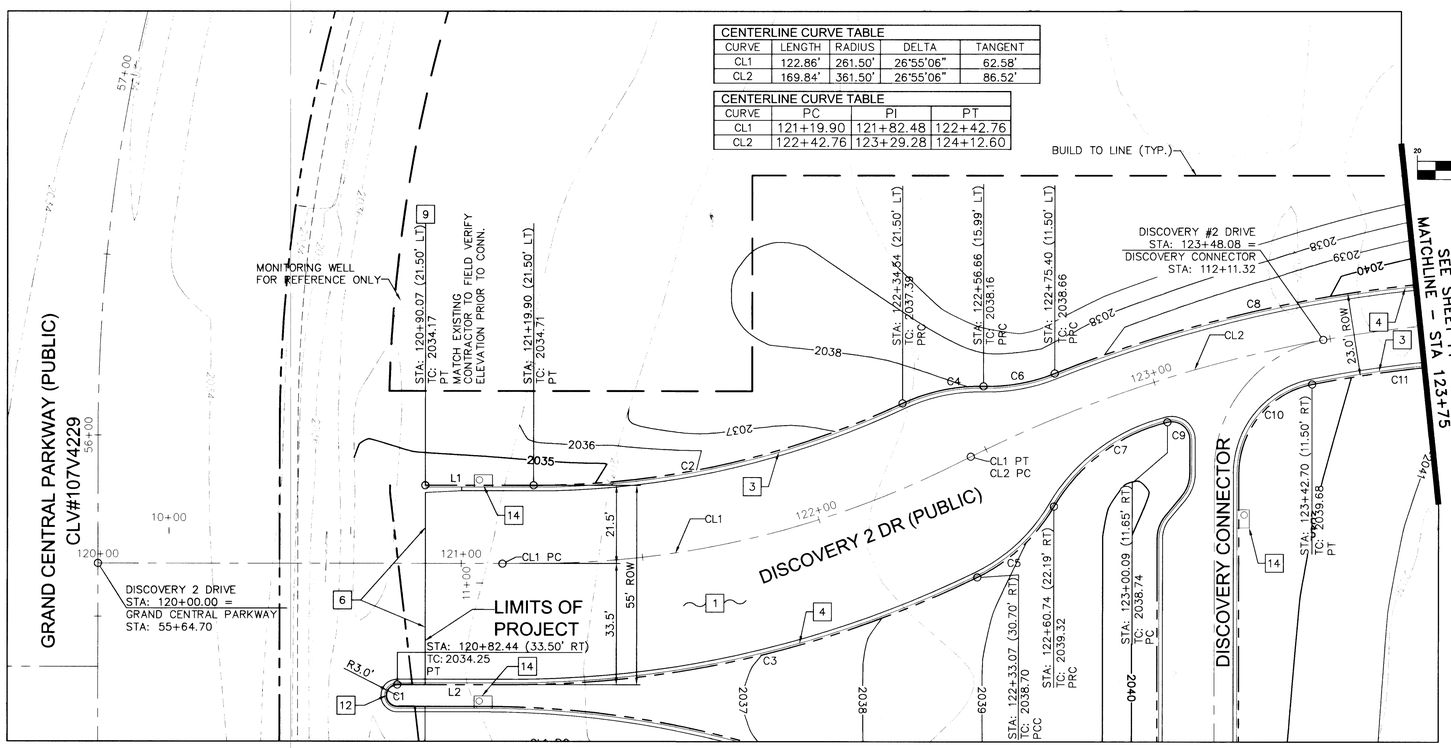
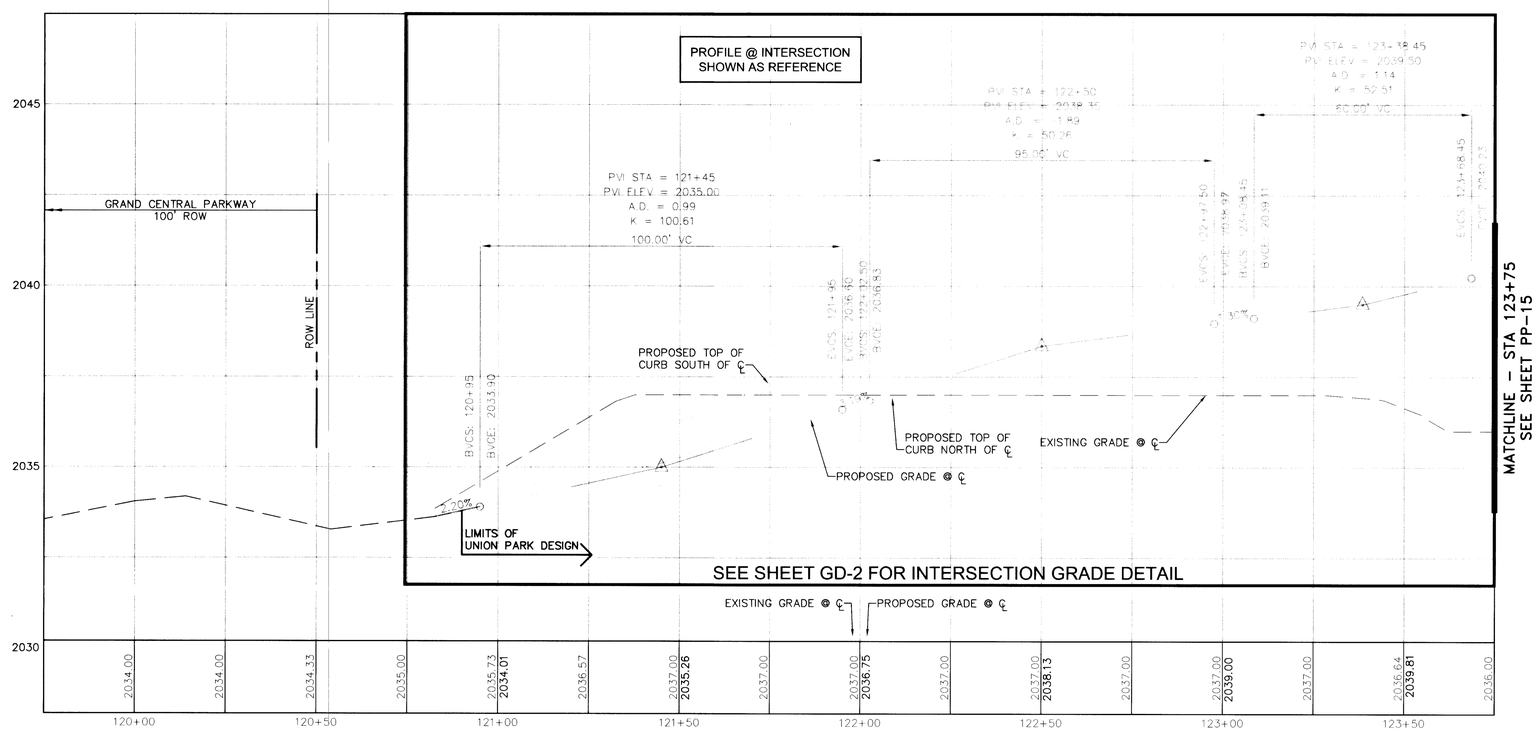
CENTERLINE CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
CL1	122.86'	261.50'	26°55'06"	62.58'
CL2	169.84'	361.50'	26°55'06"	86.52'

CENTERLINE CURVE TABLE			
CURVE	PC	PI	PT
CL1	121+19.90	121+82.48	122+42.76
CL2	122+42.76	123+29.28	124+12.60

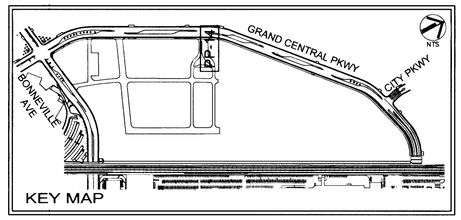


PLAN VIEW - DISCOVERY 2 DRIVE



PROFILE VIEW - DISCOVERY 2 DRIVE

SCALE: (H) 1" = 20'
(V) 1" = 2'



BASIS OF BEARING

NORTH 03°50'03" WEST, BEING THE BEARING OF A PORTION OF THE CENTERLINE OF GRAND CENTRAL PARKWAY, AS SHOWN ON BOOK 43, PAGE 61 OF PLATS ON FILE AT THE CLARK COUNTY, NEVADA RECORDER'S OFFICE

BENCHMARK

CITY OF LAS VEGAS VERTICAL CONTROL POINT "0LV01 33E6", BEING A RIVET AND PLATE IN TOP OF CURB AT NW CORNER OF BONNEVILLE AVENUE & GRAND CENTRAL PARKWAY.

ELEVATION: 2036.09 (FEET)
620.6014 (METERS)
CITY OF LAS VEGAS VERTICAL CONTROL v.2002 BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

ROADWAY CONSTRUCTION NOTES

1. INSTALL PAVEMENT SECTION TO LIMITS SHOWN ON PLANS. SEE TYPICAL SECTIONS SHEETS TYP-1 AND TYP-2 FOR STRUCTURAL DIMENSIONS AND DETAILS.

3. INSTALL MODIFIED TYPE "L" CURB W/ CATCH GUTTER PER SECTION DETAIL ON SHEET DT-1.

4. INSTALL MODIFIED TYPE "L" CURB W/ SPILL GUTTER PER SECTION DETAIL ON SHEET DT-1.

6. MATCH EXISTING CONSTRUCTION BY OTHERS.

9. CONNECT CURB AND GUTTER TO EXISTING.

12. REMOVE EXISTING PAVEMENT AND CONSTRUCT PROPOSED MEDIAN PER CCAUSD No. 218.

14. DRAINAGE INLET–SHOWN AS REFERENCE.

GENERAL NOTES

1. CURVE DATA FOR THE CURB AND GUTTER IS AT THE BACK OF CURB.

RELATED TABLES:

LINE TABLE		
LINE	LENGTH	BEARING
L1	39.55'	N62°04'44"W
L2	31.63'	N62°04'44"W

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C1	9.42'	3.00	180°00'00.0"	INFINITE'
C2	105.22'	240.00	25°07'09.6"	53.47'
C3	132.93'	292.00	26°04'58.6"	67.64'
C4	23.04'	50.00	26°23'48.8"	11.73'
C5	29.21'	50.00	33°28'14.8"	15.03'
C6	20.09'	50.00	23°01'19.9"	10.18'
C7	40.00'	50.00	45°49'58.4"	21.14'
C8	137.29'	373.00	21°05'17.7"	69.43'
C9	9.05'	5.00	103°43'14.9"	6.37'
C10	34.44'	25.00	78°55'23.8"	20.58'
C11	75.84'	350.00	12°24'56.7"	38.07'

Avoid cutting underground utility lines. It's costly.
Call before you Dig 811

SAFETY ALERT
Call Before You Overhead
1-702-227-2929

Call before you UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS AND
1-702-229-6611
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

H# 18393

107356

REV	DATE	BY	REVISION

0925287003 – UNION PARK PHASE

DRAWN BY: KHA | DESIGNED BY: PAB | CHECKED BY: DDW
SCALE (H): 1"=20' | SCALE (V): 1"=2' | DATE: December 2007

Kimley-Horn and Associates, Inc. ©2007
Engineering, Planning, and Environmental Consultants
2080 East Flamingo Road Suite 210
Las Vegas, Nevada 89119
TELE No. (702) 734-5666
FAX No. (702) 734-1449

DEPARTMENT OF PUBLIC WORKS

PROJECT: **UNION PARK™** PHASE 1

SHEET: **PLAN & PROFILE DISCOVERY 2 DRIVE STA: 120+00 - 123+75**

PROFESSIONAL ENGINEER STATE OF NEVADA DAVID D. WILSON Exp. 6/30/08 CIVIL No. 8441 30 Nov 07

SHEET NO. **PP-14**
SHEET 43 OF 166
DRAWING NO. 107V4816

BID# 08.1730.11

Date: December 11, 2007 – 5:01pm / User: jmbruce
Path: K:\Civil\092587 – Newland\003 – Phase 1\CADD\587003RD–Discovery.dwg
This document is the property of Kimley-Horn and Associates, Inc. and is protected by copyright. Reuse of this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.
This document is prepared for the project shown hereon and is not intended for future use on other projects. Any reuse without written verification or adaptation by Kimley-Horn and Associates, Inc. for the specific purpose intended will be at the user's sole risk and without liability to Kimley-Horn and Associates, Inc. Reuse of this document for which it was prepared for other projects or extensions of this project shall be at the user's sole risk without liability to Kimley-Horn and Associates, Inc.