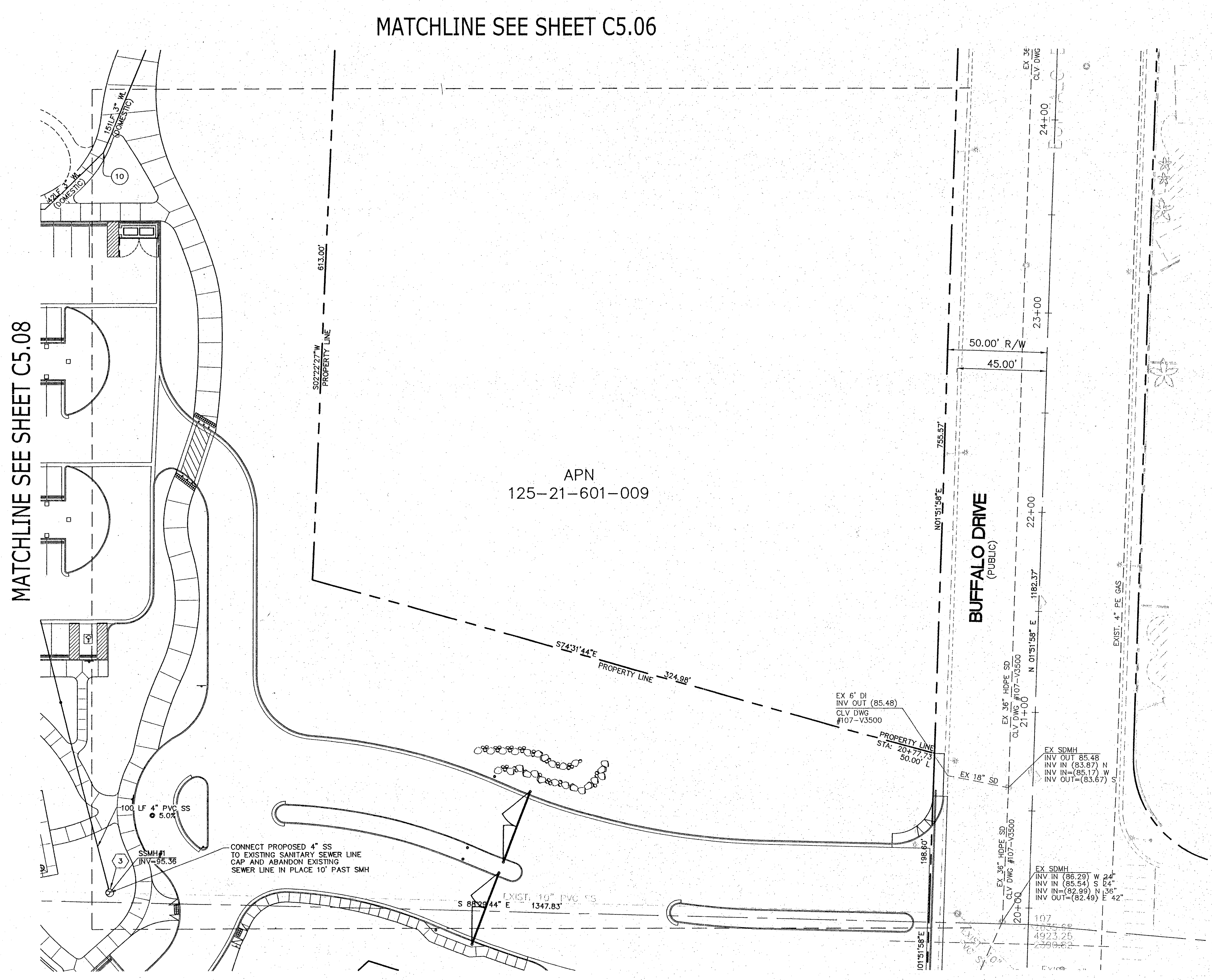
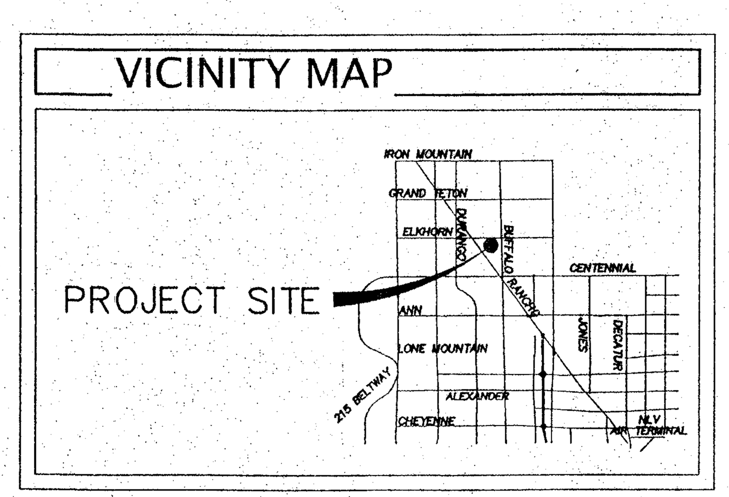
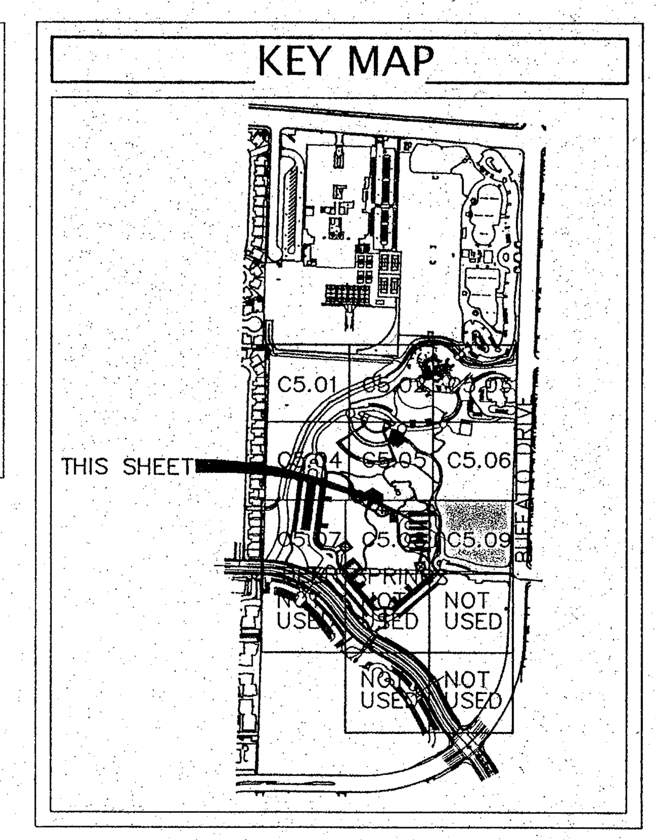


VICINITY MAP



KEY MAP



GRAPHIC SCALE

30 0 15 30 60

(IN FEET)
1 inch = 30 ft.

N W E S

SEWER NOTES

1. INSTALL 4" PVC SANITARY SEWER PER DCSWCS SD-16
2. INSTALL SANITARY SEWER CLEANOUT PER DETAIL (3 / C7.10)
3. INSTALL SANITARY SEWER MANHOLE TYPE I PER DCSWCS SD-1

WATER NOTES

1. INSTALL 10" PVC WATERLINE (FIRE) PER UDACS PLATE No. 6A
2. INSTALL 3" PVC WATERLINE (DOMESTIC) PER UDACS PLATE No. 6A
3. INSTALL 1" PVC WATERLINE (DOMESTIC) PER UDACS PLATE No. 6A
4. INSTALL 8" DCDA PER UDACS PLATE 11C
5. INSTALL 2" RPPA PER UDACS PLATE 11A
6. INSTALL 2" DOMESTIC METER PER UDACS PLATE 1D
7. INSTALL 6" 90.0° ELBOW PER UDACS PLATE No. 5
8. INSTALL 10" 22.50° ELBOW PER UDACS PLATE No. 5
9. INSTALL 3" 90.0° ELBOW PER UDACS PLATE No. 5
10. INSTALL 3" 22.50° ELBOW PER UDACS PLATE No. 5
11. INSTALL 1" 90.0° ELBOW PER UDACS PLATE No. 5
12. INSTALL 1" 45.0° ELBOW PER UDACS PLATE No. 5
13. INSTALL 1" 22.50° ELBOW PER UDACS PLATE No. 5
14. INSTALL 3"x3"x1" TEE PER UDACS PLATE No. 5
15. INSTALL 3"x3"x3" TEE PER UDACS PLATE No. 5
16. INSTALL 1" TEE PER UDACS PLATE No. 5
17. INSTALL 1" 45° ELL PER UDACS PLATE No. 5
18. NOT USED
19. INSTALL 10" TEE PER UDACS PLATE No. 5
20. INSTALL 6" 11.25° UDACS PLATE No. 5
21. INSTALL 10" 45° UDACS PLATE No. 5
22. INSTALL 3" 45° UDACS PLATE No. 5
23. INSTALL 3"x1" REDUCER
24. INSTALL 10"x8" REDUCER
25. INSTALL 8"x6" TEE UDACS PLATE No. 5
26. INSTALL 6" GATE VALVE UDACS PLATE No. 3 & 8
27. INSTALL 6" CAP & 2" B.O. UDACS PLATE No. 4A
28. INSTALL 10"x10"x6" REDUCER
29. FIRE HYDRANT ASSEMBLY PER UDACS PLATE No. 7
30. INSTALL 10"x6" REDUCER

NOTE:
CONTRACTOR TO MATCH ANY EXISTING TURF, IRRIGATION AND HARDSCAPE AFFECTED BY THE UTILITY WORK.

NOTE:
ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.19 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.

NOTE:
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER UDACS PLATE NO. 27

NOTE:
THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVVWD FACILITIES.

WATER MAIN JOINT DEFLECTION (PVC, 4"–24")
PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1150 FEET, PER UDACS 2.06.01 AND 2.06.02

FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

UTILITY NOTE:
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS 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.

PROFESSIONAL ENGINEER - STATE OF NEVADA
JASON M. CALHOUN
Exp. 12-31-08
CIVIL
No. 17104
oct 25, 2006

CITY OF LAS VEGAS
FIRE DEPARTMENT
APPROVED
BY ____ 10/12/06
DATE
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS. FIRE FLOW 1500 GPM AT 20 P.S.I. RESIDUAL.

PLANS APPROVED
PLUMBING/MECHANICAL
Building & Safety Dept.
City of Las Vegas, Nevada
MC NOV 13 2006
Does Not Include Architectural, Electrical, Structural or Off-Site Improvements. Make No Change Without Approval. Plan is Not a Permit to Violate Any Ordinance.

Approval is for domestic water and sewer only.

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT DATE
PROJ #

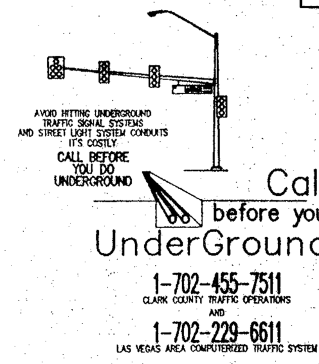
BASIS OF BEARING

SOUTH 85°49'12" EAST, BEING THE NORTH LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 21, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., AS PER FILE 74, PAGE 30 OF SURVEYS ON FILE AT THE CLARK COUNTY, NEVADA RECORDER'S OFFICE. SAID LINE ALSO BEING THE CENTERLINE OF ELKHORN ROAD.

BENCHMARK

CITY OF LAS VEGAS RIVET AND ROUND PLATE IN TOP OF CURB, NORTHWEST CORNER OF BUFFALO DRIVE AND FARM ROAD NEAR PT OF BUFFALO DRIVE.

BM 8LV9016E4 ELEVATION=2416.56 NAVD88



REVISIONS

CONSULTANT

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3191 South Jones Blvd.
Las Vegas Nevada 89146
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engineers • planners • surveyors • landscape architects
2601 North Tenaya Way • Las Vegas, NV 89128 • p) 702.255.8100 • f) 702.255.8375

CENTENNIAL HILLS PARK - PHASE 3
100% Submittal
UTILITY PLAN

STAMP

PROFESSIONAL ENGINEER - STATE OF NEVADA
JASON M. CALHOUN
Exp. 12-31-08
CIVIL
No. 17104
oct 17, 2006

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES

400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE: (702) 229-6535
FAX: (702) 384-4846
TDD: (702) 386-9108

DRAWN	B. FOOTE
FILE	C509UTIL
DATE	JULY 20, 2006
SCALE	1"=30'
BID NO	06.1534103
CLV DWG NO	65065-3
	JUZ# 05625.00
SHT NO	C5.09

REVISED 3/27/03

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