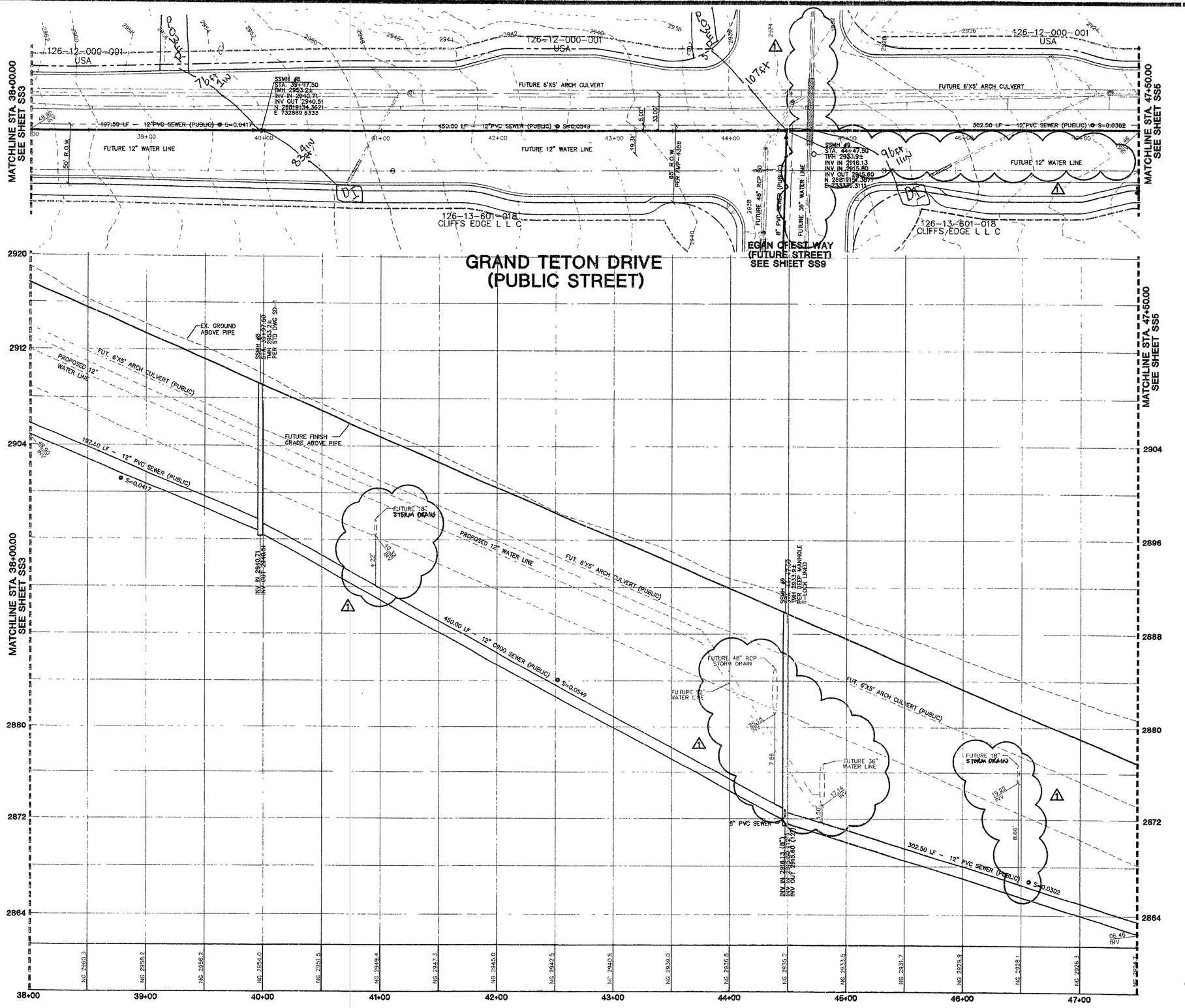

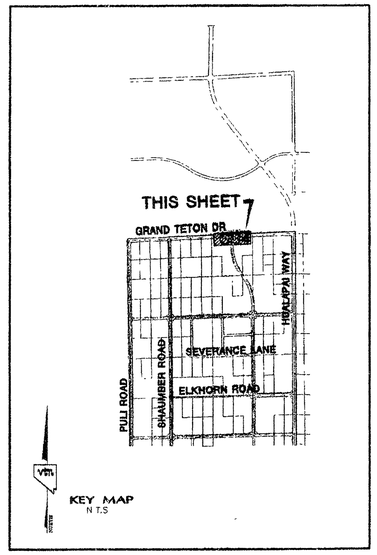

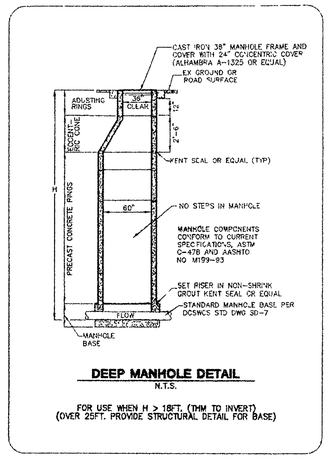

DEEP MANHOLE DETAIL
N.T.S.

FOR USE WHEN H > 18FT. (THM TO INVERT)
(OVER 25FT. PROVIDE STRUCTURAL DETAIL FOR BASE)

Avoid cutting underground utility lines it's costly
Call before you Dig
1-800-227-2600

Avoid overhead power line contact. It's costly
Call before you Overhead
1-702-227-2929

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS PROJECT IS NORTH 00°08'18" EAST BEING THE EAST LINE OF THE NORTHWEST QUARTER (NE 1/4)' OF THE SECTION 24, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA, RECORDER'S OFFICE IN FILE 123 AT PAGE 32.

PROJECT BENCHMARK

PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

CLARK COUNTY VERTICAL CONTROL: 1C00:6N6
NAVD88 ELEVATION: 787.794 METERS (2584.62 FEET)

RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE CYLINDER, LOCATED 25' SOUTH & 50' EAST OF GRAND CANYON DRIVE AND RED COACH AVENUE, 1' WEST OF ELECTRICAL VAULT.

CITY OF LAS VEGAS BENCHMARK

DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

CITY OF LAS VEGAS BENCHMARK: 6LV99:135ES
NAVD88 ELEVATION: 869.608 METERS (2853.03 FEET)

RIVET AND PLATE IN CONCRETE CYLINDER NW CORNER OF HUALAPAI AND ELKHORN

NOTE: ADD 0.34' TO ABOVE CITY OF LAS VEGAS BENCHMARK 6LV99:135ES TO MATCH ORIGINAL PROJECT BENCHMARK, CLARK COUNTY BENCHMARK 1C00-6N6 (2584.62 FEET) AS SHOWN ON RECORD OF SURVEY FILE 124 PAGE 94.

GRAPHIC SCALE
1" = 40'

CONTRACTOR NOTE:
CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

REV	DATE	BY	REVISION
1			
2			
3			
4			
5			
6			
7			
8	3/30/05	L.A.M.	ADD STORM DRAIN CROSSINGS, REVISE WATERLINE

CLIFFS EDGE LLC
3455 CLIFF SHADOWS PARKWAY, SUITE 290
LAS VEGAS, NEVADA 89129
(702) 777-1221

CITY OF LAS VEGAS, NEVADA

vgn nevada CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS
2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148
PH. (702) 873-7550 FAX (702) 362-2557

SEWER PLAN AND PROFILE
GRAND TETON DRIVE
STA. 38+00.00 TO 47+50.00

CLIFF'S EDGE
GRAND TETON DRIVE
SEWER IMPROVEMENTS

DRAWN BY: S.P. APRIL '04
DESIGNED BY: B.F. APRIL '04
CHECKED BY: L.M. APRIL '04
PROJECT NO: 5989
SCALE: 1"=40' HORIZ. 1"=4' VERT.

EXPIRES 06-30-05
PROFESSIONAL ENGINEER STATE OF NEVADA
DANNEON HOOD
CIVIL
No. 12811
5-13-2

SHEET
SS4
7 OF 13 SHEETS
DRAWING NO.
1074816-05-8

H:\5989\GRANDTETON\SEWER\5989SSPP-GRANDTETON.DWG

91821

Sewer Asbuilt