



**AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS ITS COSTLY**

CALL BEFORE YOU UNDERGROUND

**Call Before You UnderGround**

1-702-455-7511  
CLARK COUNTY TRAFFIC OPERATIONS  
1-702-229-5611  
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

**AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY**

**CALL BEFORE YOU DO OVERHEAD**

1-702-593-6111

**CLARK COUNTY NOTE**

CLARK COUNTY PERMIT REQUIRED FOR ALL WORK DONE IN CLARK COUNTY R/W.

**CURVE TABLE**

Curve Table	Radius	Delta	Length	Tangent
C1	200.00	72.00	29.72	16.19
C2	200.00	72.00	29.72	16.19
C3	200.00	72.00	29.72	16.19
C4	200.00	72.00	29.72	16.19
C5	200.00	72.00	29.72	16.19
C6	200.00	72.00	29.72	16.19
C7	200.00	72.00	29.72	16.19
C8	200.00	72.00	29.72	16.19
C9	200.00	72.00	29.72	16.19
C10	200.00	72.00	29.72	16.19
C11	200.00	72.00	29.72	16.19
C12	200.00	72.00	29.72	16.19
C13	200.00	72.00	29.72	16.19
C14	200.00	72.00	29.72	16.19
C15	200.00	72.00	29.72	16.19
C16	200.00	72.00	29.72	16.19
C17	200.00	72.00	29.72	16.19
C18	200.00	72.00	29.72	16.19
C19	200.00	72.00	29.72	16.19
C20	200.00	72.00	29.72	16.19
C21	200.00	72.00	29.72	16.19
C22	200.00	72.00	29.72	16.19
C23	200.00	72.00	29.72	16.19
C24	200.00	72.00	29.72	16.19
C25	200.00	72.00	29.72	16.19
C26	200.00	72.00	29.72	16.19
C27	200.00	72.00	29.72	16.19
C28	200.00	72.00	29.72	16.19
C29	200.00	72.00	29.72	16.19
C30	200.00	72.00	29.72	16.19

**QUANTITY ESTIMATE**

Flood Control Facility	Quantity Estimate
Stem Wall @ BW	985 SF
8" Cross Gutter	739 SF
6" Cross Gutter	795 SF
4" Concrete Flume	3240 SF
Sidewalk Underdrain	1 EA

**NOTE**

ADD 2300 FEET TO ALL GRADE TAGS TO GET ACTUAL ELEVATION.

MATCHLINE SEE SHEET G2

**PRIVATE STREET EASEMENTS**

ALL PRIVATE STREETS ARE P.U.E., PUBLIC SEWER EASEMENTS, AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY HOA.

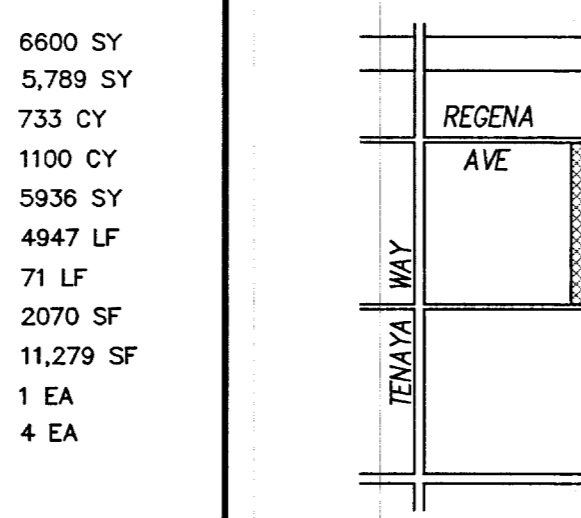
**LEGEND**

- DESIGN ELEVATION 10.00
- EXISTING ELEVATION 10.00
- FUTURE ELEVATION 10.00
- SCARP (SLOPE VARIES)
- EXISTING CONTOUR (1' INTERVAL)
- EXISTING CONTOUR (5' INTERVAL)
- DIRECTION OF FLOW
- RETAINING WALL
- CMU WALL
- CENTERLINE
- RIGHT-OF-WAY
- CUT LINE-ASPHALT
- PROPERTY LINE
- EDGE OF PROPOSED PAVEMENT
- EDGE OF EXISTING PAVEMENT
- CLARK COUNTY/CITY OF LAS VEGAS BOUNDARY
- SIGHT VISIBILITY ZONE - NOTHING OVER 24" IN SIGHT ZONE

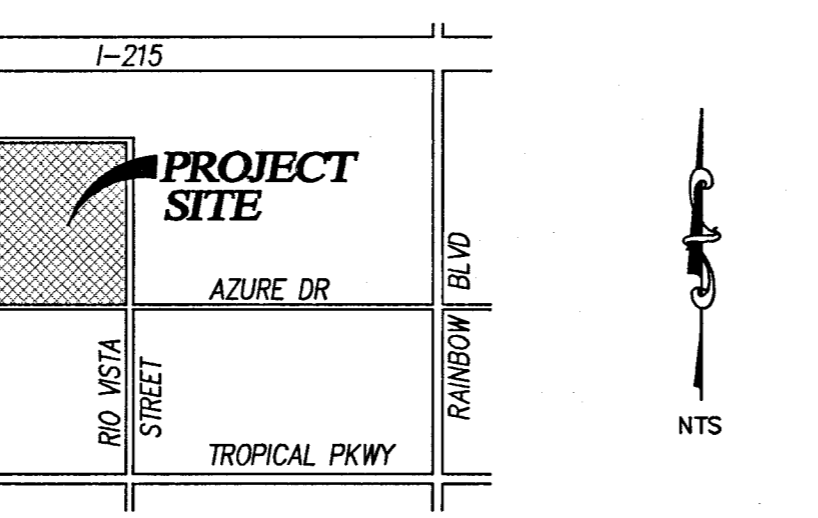
**CONSTRUCTION NOTES**

- 1) 3" A.C. PAVEMENT
- 2) 2" A.C. PAVEMENT
- 3) 4" TYPE II GRAVEL BASE
- 4) 6" TYPE II GRAVEL BASE
- 5) REMOVAL OF EXISTING 2" ASPHALTIC SECTIONS
- 6) 24" L TYPE CURB & GUTTER PER USD 216
- 7) A TYPE CURB & GUTTER PER USD 219
- 8) 8" CROSS GUTTER PER USD 228
- 9) 4" CONCRETE SIDEWALK PER USD 234
- 10) SIDEWALK UNDERDRAIN PER USD #236
- 11) SIDEWALK RAMP CASE II (A=8", B=8")

**KEY MAP**



**SCALE**



**DETAILS AND SECTIONS**

FOR DETAILS AND SECTIONS REFER TO SHEET G01

**EARTHWORK**

TOTAL FOR OVERALL DEVELOPMENT: 12,500 CY CUT, 10,000 CY FILL

**FOUNDATION NOTE**

THE ELEVATION DIFFERENCE BETWEEN THE PAD AND FINISH FLOOR HAS BEEN DETERMINED FROM THE MINIMUM THICKNESS REQUIRED (13-1/2") PER THE STRUCTURAL FOUNDATION PLANS. FINISH FLOORS MAY INCREASE DEPENDING OF THE TYPE OF SOIL AND FOUNDATION PLAN USED.

**GEO TECHNICAL**

ACTION TECHNOLOGIES & ENGINEERING, INC.  
3535 WEST HARMON AVENUE, SUITE 1  
LAS VEGAS, NV 89103  
JOB #3716  
MARCH 9, 1999

**BENCHMARK**

CITY OF LAS VEGAS BENCHMARK #BLV0225256, BEING A RIVET AND ROUND ALUMINUM PLATE IN A CONCRETE CYLINDER AT THE NORTHWEST CORNER OF CENTENNIAL PARKWAY AND RIO VISTA STREET NEAR PC OF RIO VISTA

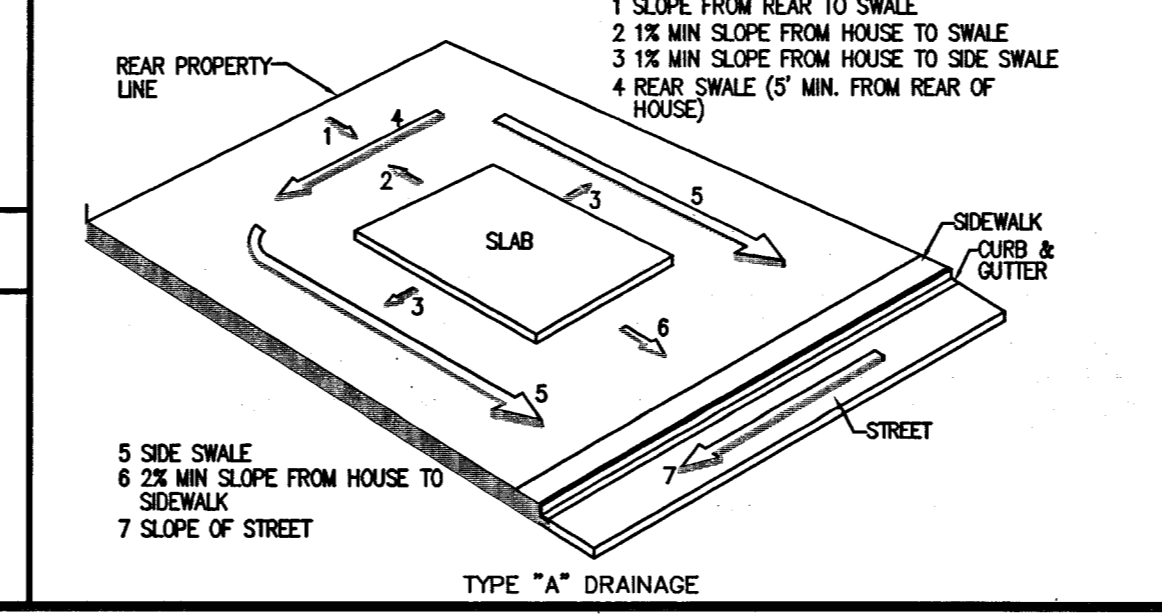
**LEGAL DESCRIPTION**

A PORTION OF THE SOUTHEAST (SE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NE 1/4) OF SECTION 27, TOWNSHIP 19 SOUTH, RANGE 80 EAST, M.D.M., AS SHOWN IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER IN FILE 89 OF SURVEYS ON PAGE 03.

**BASIS OF BEARINGS**

SOUTH 84°07'41" EAST, BEING THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 27, TOWNSHIP 19 SOUTH, RANGE 80 EAST, M.D.M., AS SHOWN IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER IN FILE 89 OF SURVEYS ON PAGE 03.

**TYPICAL LOT GRADING DETAIL**



**GRADING CERTIFICATION**

I CERTIFY THIS GRADING PLAN COMPLIES WITH THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS PUBLIC WORKS DEPARTMENT FOR THIS PROJECT.

EDWARD F. TANEY, P.E. DATE: 5-12-99

**ABBREVIATIONS**

AC	ASPHALTIC CONCRETE	STA	STATION
BC	BACK OF CURB	SW	SEWAGE
BOR	BACK OF CURB RETURN	TC	TOP OF CURB
BVC	BEGINNING OF VERTICAL CURVE	TR	TOP OF FOOTING
BW	BOTTOM OF RETAINING WALL	TR	TOP OF RETAINING WALL
CP	CENTERLINE	USD	UNIFORM STANDARD DRAWING
ED	EDGE OF PAVEMENT	W	WATER
EVC	END OF VERTICAL CURVE		
EX	EXISTING		
FF	FINISH FLOOR ELEVATION		
FG	FINISH GRADE		
FH	FIRE HYDRANT		
FL	FLOW LINE		
FT	FEET		
GB	GRADE BREAK		
HP	HIGH POINT		
IN	INVERT		
LF	LINEAR FEET		
MAX	MAXIMUM		
MH	MANHOLE		
MIN	MINIMUM		
MVC	MIDDLE OF VERTICAL CURVE		
NIS	NOT TO SCALE		
PD	PAD ELEVATION		
R	RIGHT		
ROW	RIGHT-OF-WAY		
SS	SANITARY SEWER		
SD	STORM DRAIN		
SL	STREETLIGHT		

**Call Two Working Days Before You Dig!**

**Dig Safely. Dig Safely**  
1-800-227-2600

APR. DATE BY

REVISIONS

NO.

DESCRIPTION

**DISTINCTIVE HOMES**  
2500 WEST SAKARA AVE. SUITE 111  
LAS VEGAS, NV 89102  
702-871-9000 FAX: 702-871-9999

**TANEY ENGINEERING**  
4445 S. JONES BLVD. SUITE #1  
LAS VEGAS, NV 89103  
702-862-8844 FAX: 702-862-5233

**Taos Estates III Distinctive Homes A Residential Subdivision**

**GRADING PLAN NORTH**

DATE: 3.16.04  
SCALE: 1"=30'  
JOB NO: DSN-03-004  
DESIGNED BY: ET  
DRAWN BY: ET/VB  
SHEET NAME: G1  
SHEET: 3 OF 17