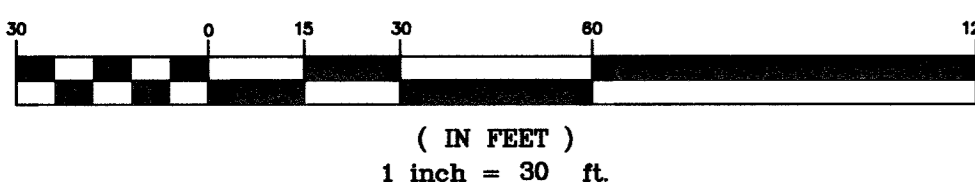


SCALE 1"=30'  
GRAPHIC SCALE



**CONSTRUCTION NOTES:**

- ROADWAY NOTES:
- (A) CONSTRUCT 30" ROLL TYPE CURB PER TYPICAL SECTION 2/D-3
  - (B) CONSTRUCT 4" SIDEWALK PER STANDARD DRAWING NO. 234
  - (C) CONSTRUCT "L" TYPE ISLAND CURB PER STANDARD DRAWING NO. 219 (REVERSE PLANE)
  - (D) CONSTRUCT 8" WIDE VALLEY GUTTER PER STANDARD DRAWING NO. 228
  - (E) CONSTRUCT "O" CURB PER TYPICAL SECTION 1/D-3
  - (F) CONSTRUCT 10" TRANSITION FROM "L" TYPE TO ROLL CURB
  - (H) CONSTRUCT 10" TRANSITION FROM ROLL CURB TO VALLEY GUTTER
  - (I) CONSTRUCT 24" "L" TYPE CURB PER STANDARD DRAWING NO. 216
  - (J) CONSTRUCT SIDEWALK RAMP (CASE II/TABLE 1) PER STANDARD DRAWING NO. 235 AND TOWN CENTER STANDARDS (SEE GRADING SHEETS FOR "A" AND "B" DIMS.)
  - (K) CONSTRUCT "A" TYPE ISLAND CURB PER STANDARD DRAWING NO. 219
  - (L) CONSTRUCT SIDEWALK DRAIN PER STANDARD USG DRAWING #236
  - (M) CONSTRUCT 4.5" AC PAVEMENT OVER 9" TYPE I
  - (N) CONSTRUCT 30" VALLEY GUTTER PER DETAIL 3/D-3
  - (O) CONSTRUCT 2" AC PAVEMENT OVER 4" TYPE II BASE
  - (P) CONSTRUCT "V" CHANNEL PER DETAIL 6/D-3
  - (Q) CONSTRUCT 16" X 4" WALL OPENING PER DETAIL 8/D-3
  - (R) CONSTRUCT VIEW FENCE PER DETAIL 4/D-3
  - (S) CONSTRUCT 5" SIDEWALK PER STANDARD DRAWING NO. 234
  - (T) CONSTRUCT "L" TYPE ISLAND CURB PER STANDARD DRAWING NO. 219
  - (U) CONSTRUCT 10" SIDEWALK PER STANDARD DRAWING NO. 234
  - (V) CONSTRUCT SIDEWALK DRAIN PER DETAIL 6/D-4
  - (W) SEE TRENCH DETAIL ON THIS SHEET FOR STORM DRAIN UNDER WALL FOOTING USE THIS TRENCH 5" BOTH SIDES FOOTING.
  - (X) INSTALL CONCRETE CAR STOPS

LINE	LENGTH	BEARING
L2	288.48	S01°15'56"W
L11	123.05	S87°17'31"E
L12	85.36	S88°47'20"E
L33	74.04	S89°40'40"E
L17	146.21	N03°42'00"W
L19	97.25	S83°19'54"W
L23	159.15	S01°10'20"E

CURVE	DELTA I	RADIUS	LENGTH	TANGENT
C1	1°40'28"	5980.00	174.76	87.39
C4	91°28'33"	41.50	66.26	42.58
C5	19°59'36"	100.00	34.89	17.63
C12	1°29'49"	1756.00	45.88	22.94
C13	4°11'15"	1200.00	87.70	43.87
C14	5°04'35"	658.00	58.30	29.17
C15	4°25'30"	835.00	64.57	32.30
C18	15°50'06"	150.00	41.46	20.86
C19	0°05'40"	41.50	73.10	50.28
C20	7°24'36"	781.00	101.00	50.57

UNDEVELOPED APN: 12521202001 ZONING: SUBURBAN MIXED-USE (SX-TC)



**NOTES:**  
ALL AREAS NOT OCCUPIED BY A BUILDING ARE A PUBLIC DRAINAGE EASEMENT AND A PUBLIC SEWER EASEMENT TO BE PRIVATELY MAINTAINED BY THE H.O.A.

**NOTES:**  
NDOT ENCROACHMENT PERMIT REQUIRED FOR ALL WORK PERFORMED IN THE NEVADA STATE RIGHT-OF-WAY.

GEOTECH REPORT NUMBER: 20031668E1 DATE: 1-26-04 BY GES

**NOTE:**  
ADD 2400 FT TO ALL PROPOSED ELEVATIONS  
SEE PLAN AND PROFILE SHEETS FOR BACK OF CURB CURVE DATA  
31530 JJ 03 808

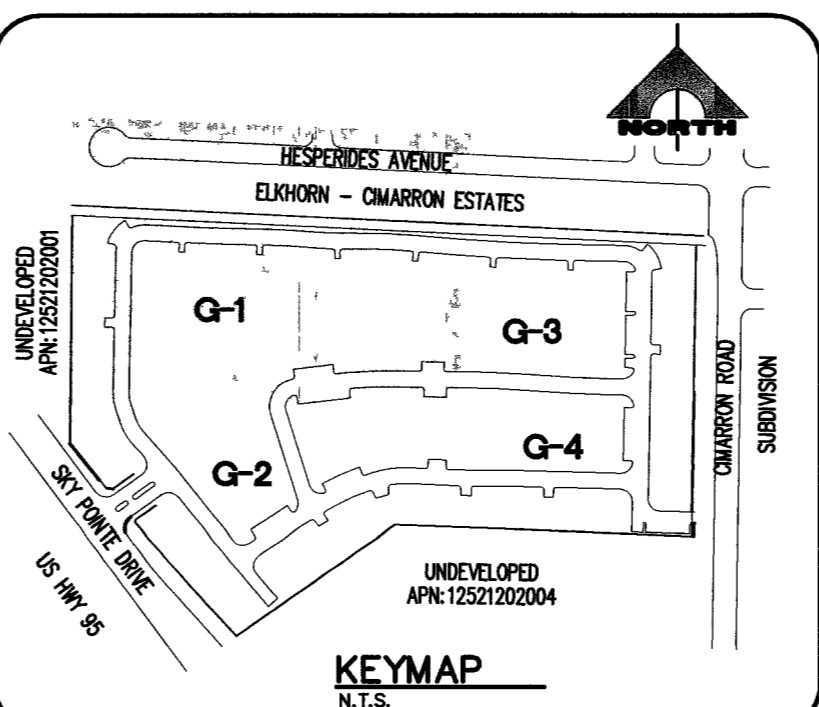
**BENCHMARK**  
CLV BENCHMARK: 8LV90 21C4 NAVD 88 ELEVATION: 747.010 (M)-2450.82 (F)  
CITY OF LAS VEGAS RIVET AND ROUND PLATE IN TOP OF CURB, NORTHEAST CORNER OF DEER SPRINGS WAY AND CIMARRON RD.

**NOTE**  
REFERENCE GEOTECHNICAL REPORT FOR VERIFICATION OF STREET STRUCTURAL SECTIONS AND MINIMUM FOOTING DEPTH, AND RECOMMENDED ON-SITE DRAINAGE MEASURES

**LEGEND**

- (1) BLOCK NUMBER 78.2 TW TOP OF WALL ELEVATION
- (1) LOT NUMBER 74.2 TF TOP OF FOOTING ELEVATION
- PAD = 100.0 PAD ELEVATION
- F.F. = 101.1 FINISH FLOOR ELEVATION
- TOE 2:1 SCARP MAX
- DITCH OR SWALE
- EXISTING CONTOUR (5' INTERVAL)
- EXISTING CONTOUR (1' INTERVAL)
- PROPERTY LINE
- DAYLIGHT LINE
- RETAINING WALL
- 6" SCREEN WALL
- FUTURE ELEVATION
- PROPOSED FINISHED GRADE ELEVATION
- GRADE BREAK
- PROPOSED FINISH SPOT ELEVATION
- EXISTING ELEVATION
- SVZ - SIGHT VISIBILITY ZONE EASEMENT, NO STRUCTURES/LANDSCAPING TALLER THAN 24" ALLOWED

LIMITS OF PAVING IN SKY POINTE DRIVE



**DRAINAGE FACILITIES:**

DESCRIPTION	UNIT	QUANTITIES
48" TYPE II MANHOLE	EA	6
80" TYPE III MANHOLE	EA	1
36" RCP (CLASS III)	LF	1,156
6" X 10" CONCRETE CHANNEL	CU. YDS	78
6" X 10" TYPE II AGG. BASE	CU. YDS	78
2 TO 4" TALL SOLID GROUTED FLOOD WALL	LF	2,710
6" RIPRAP	CU. YDS	194

**DRAINAGE CERTIFICATION**

I CERTIFY THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS FOR THIS PROJECT.

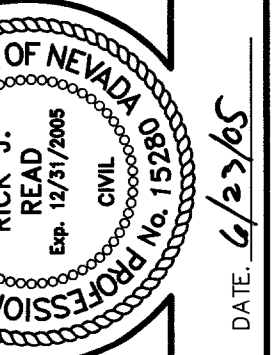
*Rick J. Read*  
RICK J. READ 15280 6/30/05  
P.E. NO. DATE



**Call before you Dig.**  
1-800-227-2600  
UNDERGROUND SERVICE (USA)

**BASIS OF BEARINGS**

NORTH 87°14'48" WEST BEING THE BEARING OF THE NORTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 21, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF ON FILE IN FILE 119, PAGE 02 OF SURVEYS IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.



DESIGN	DRAWN	CHECK	ISSUE DATE

ISSUE DATE: 6/30/05  
PLOT DATE: 06-20-05  
PLOT TIME: 16:36:20

**G.C. WALLACE, INC.**  
Engineers/Planners/Surveyors  
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89146  
TELEPHONE: (702) 804-2000 • FAX: (702) 804-2299

**PULTE HOMES, INC.**  
CENTENNIAL HILLS - SKY POINTE CONDOMINIUMS  
GRADING PLAN