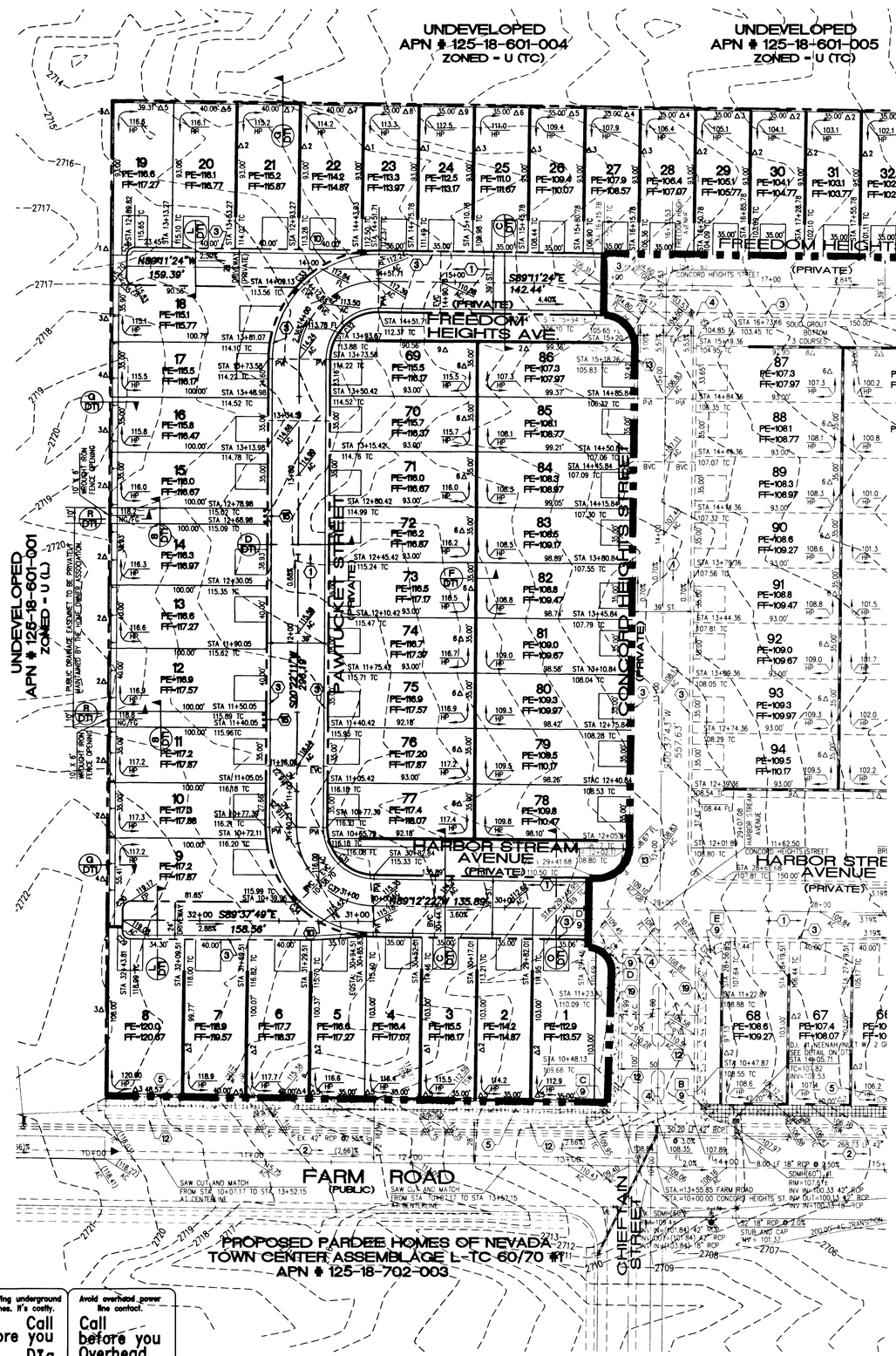
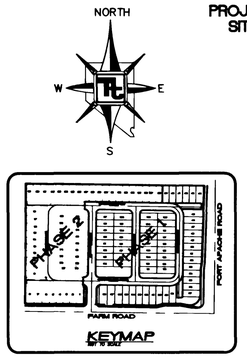
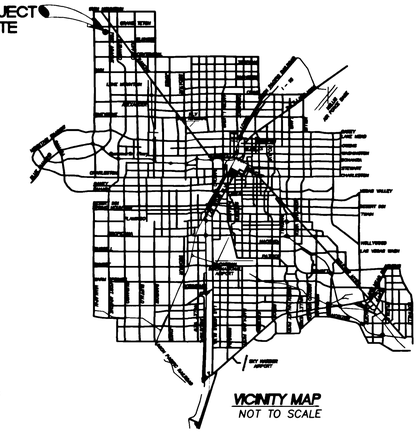


CENTENNIAL HEIGHTS
EXISTING PHASE 1
CLV DWG. NO. 107Y-4737-1



KEYMAP
NOT TO SCALE

1" = 40



VICINITY MAP
NOT TO SCALE

STREET IMPROVEMENT CONSTRUCTION KEY

1. 39' PRIVATE ST. = CONSTRUCT 2" AC PAVING OVER 4" TYPE II BASE ON 6" TYPE I BASE PER MODIFIED U.S.D.C.C.A. STANDARD DWG. NO. 210.
3. CONSTRUCT "ROLL" CURB PER U.S.D.C.C.A. STANDARD DWG. NO. 217A
6. CONSTRUCT 6' HIGH DECORATIVE BLOCKWALL PER CLARK COUNTY STANDARDS AND SPECIFICATIONS.
10. CONSTRUCT 2.5' VALLEY GUTTER PER DETAIL I OF SHEET DT1.
15. CONSTRUCT REMOVABLE BOLLARD PER DETAIL Q/DT1

RETAINING WALL CONVERSION TABLE

Δ1	0.67'
Δ2	1.33'
Δ3	2.00'
Δ4	2.67'
Δ5	3.33'
Δ6	4.00'
Δ7	4.67'
Δ8	5.34'
Δ9	6.00'
Δ10	6.67'
Δ11	7.53'
Δ12	8.00'

LEGEND

- PROPERTY LINE / RIGHT-OF-WAY
- "L" TYPE CURB AND GUTTER
- EXISTING CURB AND GUTTER
- CROSS GUTTER
- WHEELCHAIR RAMP
- CUT OR FILL SLOPE
- PROPOSED AC PAVEMENT AREA
- PROPOSED DRIVEWAY AREA
- PROPOSED RIP RAP AREA
- EXISTING AC PAVEMENT AREA
- XX.XX / TC — PROPOSED ELEVATION (DESCRIPTION AS SHOWN)
- (XX.XX) / TC — EXISTING ELEVATION (DESCRIPTION AS SHOWN)
- [XX.XX] / TC — EXISTING DESIGN ELEVATION (DESCRIPTION AS SHOWN)
- 2 / DR2 — DETAIL OF SECTION NUMBER / SHEET DETAIL IS SHOWN
- PHASE LINE
- BLOCK WALL
- RETAINING WALL
- ROCK RETAINING WALL
- 25 — LOT NUMBER
- FF=00.00 — FINISHED FLOOR ELEVATION
- PE=00.00 — PAD ELEVATION
- HS-00+00 / WS-00.00 — HECRAS DATA
- ◇◇◇ — END OF ROAD MARKER
- TB — TOP OF BANK
- TC — TOP OF CURB
- HP — HIGH POINT
- LP — LOW POINT
- FG — FINISH GRADE
- FL — FLOW LINE
- NG — NATURAL GROUND

SOILS REPORT

GEOTECHNICAL & ENVIRONMENTAL SERVICES, INC.
7560 WEST SAHARA AVENUE, SUITE 101
LAS VEGAS, NEVADA 89117
TEL. (702) 365-1001
PROJECT NUMBER:

EARTHWORK QUANTITIES

TOTAL CUT = 22,017 CY
TOTAL FILL = 19,503 CY

THESE FIGURES ARE FOR PERMIT PURPOSES ONLY AND ARE NOT INTENDED FOR BIDDING OR CONTRACT AMOUNTS. NUMBERS ARE RAW AND UNADJUSTED.

NOTE:

ALL PRIVATE STREETS AND PRIVATE DRIVES ARE P.U.E.S., CLV PUBLIC SEWER EASEMENT AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED.

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT
C29	5.00	7.85	5.00	90°00'00"
C30	5.00	7.85	5.00	90°00'00"
C31	30.00	46.90	29.78	89°34'33"
C32	30.00	47.35	30.23	90°26'24"
C33	69.00	108.91	69.53	90°26'24"
C34	69.00	107.87	68.49	89°34'33"
C35	5.00	7.85	5.00	90°00'00"
C36	5.00	7.85	5.00	90°00'00"
C37	49.50	77.39	49.13	89°34'33"
C38	49.50	78.13	49.88	90°26'24"

H.C. RAMP DATA

NO.	"A"	"B"	CASE
A	8.0'	8.0'	II
B	9.5'	4.5'	I
C	8.0'	8.0'	I
D	8.0'	8.0'	I
E	4.5'	12.0'	I

PER STANDARD DRAWING. 235

GRADING NOTES

1. TETRA TECH SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES IN THE PLANS OR CONDITIONS IN THE FIELD.
2. ALL WORK TO BE PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENT HAVE BEEN OBTAINED FROM THE OFFSITE OWNER AND GIVEN TO CITY LAS VEGAS PUBLIC WORKS.
3. FOR AREAS THAT ARE FLATTER THAN 2:1 SLOPE, OR LESS THAN 1' ELEVATION DIFFERENCE, SCARPS ARE NOT SHOWN ON PLAN FOR CLARITY PURPOSES.
4. ALL SLOPE AREAS SHALL HAVE A MINIMUM ONE FOOT SHOULDER NEXT TO WALL PRIOR TO STARTING SLOPE.
5. PAD SECTION SHOWN ON PLANS IS FOR REFERENCE ONLY. FOR ACTUAL SECTION, REFER TO GEOTECHNICAL REPORT FOR SOILS ENGINEERS' RECOMMENDATION.
6. ALL SIDEWALK INSTALLATIONS SHALL CONFORM TO ADA REQUIREMENTS.
7. ADD 2600' TO ALL ELEVATIONS SHOWN.
8. ALL ONSITE STREETS ARE PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK – 2C90 – 20W4

REBAR ±124 FT. NORTHEAST OF DEER SPRINGS AND FORT APACHE.

ELEVATION = 806.867 METERS (NAVD88)
ELEVATION = 2647.20 FEET (NAVD88)

BASIS OF BEARING

BEARING NORTH 00°37'43" EAST, BEING THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 18, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON FILE 114, PAGE 17 OF SURVEYS.

CERTIFICATION

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

KENT E. ANDERSON, P.E. #6012 — 12-10-03 DATE

Avoid cutting underground utility lines. It's costly.
Call before you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

Avoid overhead power line contact.
Call before you Overhead
1-702-593-6111
NEVADA POWER ENVIRONMENT SAFETY SERVICES DEPARTMENT

625-71

REV.	DATE	BY	REVISION

P:\P08719_0004\MAP\PHASE 2\DPR.dwg 12/10/2003 11:30:40 AM PST

KIMBALL HILL HOMES
8 SUNSET WAY, SUITE 101
HENDERSON, NV. 89014
(702) 436-4582

TETRA TECH, INC.
INFRASTRUCTURE SOLUTIONS GROUP
401 N. Buffalo Dr., Suite 201, Las Vegas, Nevada 89145 (702) 242-4200

SHEET: GRADING PLAN

TITLE: CENTENNIAL HEIGHTS - PHASE 2
CITY OF LAS VEGAS

DRAWN BY: | QUALITY CONTROL BY: | DESIGNED BY: | QUALITY CONTROL BY: | CHECKED BY: | SCALE: 1"=40' | PROJECT NO. P08719-0004-00

SEAL: REGISTERED PROFESSIONAL ENGINEER — STATE OF NEVADA — KENT E. ANDERSON — No. 6012 — 12-31-03 — CIVIL — 12-10-03

SHEET GR1
6 OF 11
DRAWING NO. 107Y4737-2