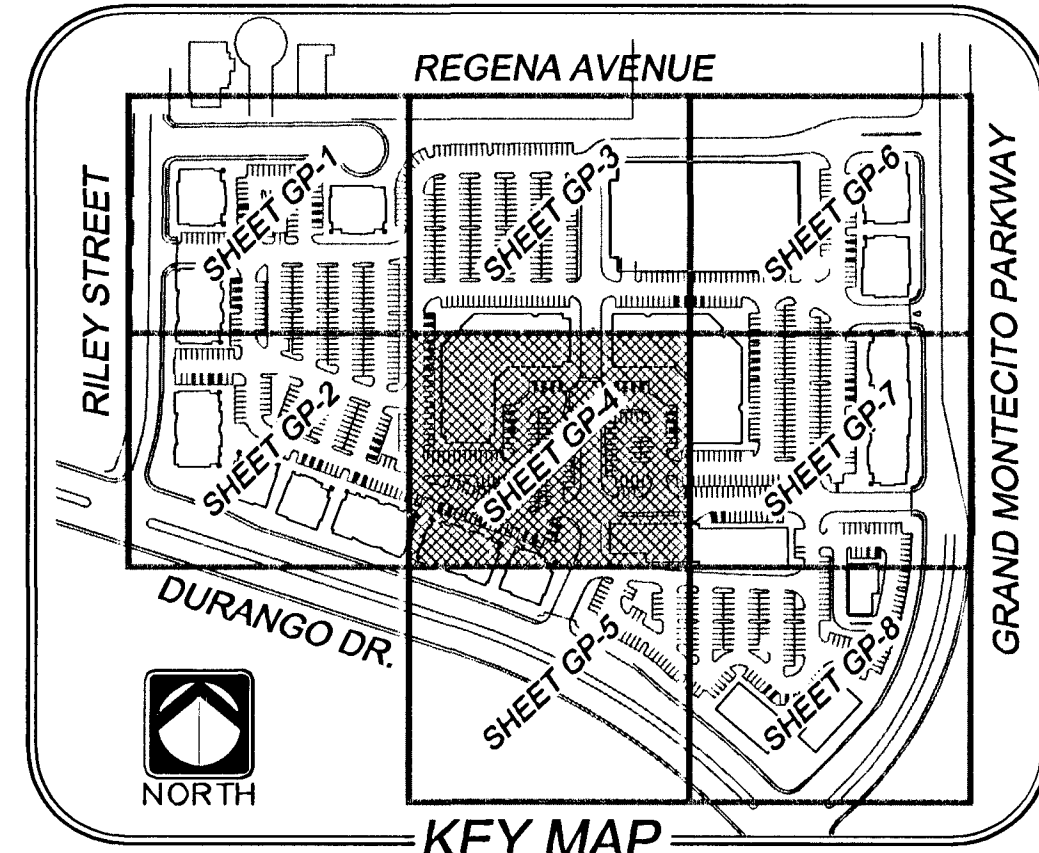
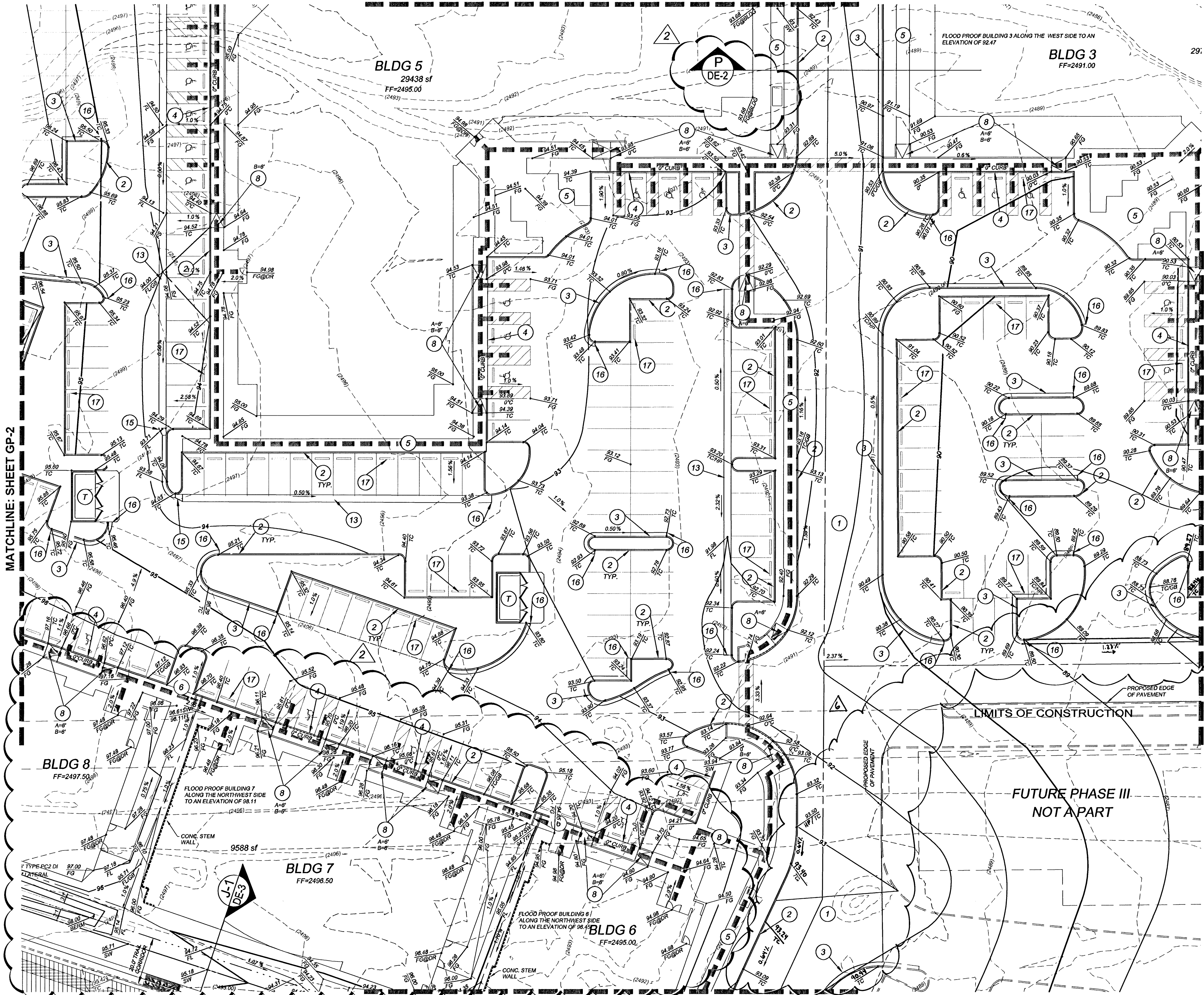


MATCHLINE: SHEET GP-3



**BASIS OF BEARINGS:** NTS  
NORTH 89°29'41" EAST, BEING THE NORTH LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M. AS DEFINED BY THE NEVADA COORDINATE SYSTEM OF 1983 (NCS83), EAST ZONE, AS DETERMINED BY PUBLISHED VALUES BY THE NATIONAL GEODETIC SURVEY FOR THE LAS VEGAS VALLEY WATER DISTRICT CONTINUOUSLY OPERATING REFERENCE STATIONS: NVCS (CARLTON SQUARE) (LVID) (MAIN), NVTR (TROPICANA).

**BENCHMARK:**  
BLVD ZUCKER RIVET & PLATE IN CONCRETE PAD (TELEPHONE EQUIPMENT) AT THE NORTHEAST CORNER OF TROPICAL PARKWAY AND EL CAPITAN WAY = 770.5491m = 2528.04ft.  
PROJECT DATUM ADJUSTMENT  
2528.04 + 0.40 = 2528.44 PROJECT DATUM

**LEGAL DESCRIPTION:**  
A PORTION OF THE E 1/2 OF THE NE 1/4 OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M.

- GRADING NOTES**
- REFER TO THE SOILS REPORT FOR AC PAVEMENT AND ALL OTHER SECTION INFORMATION.
  - ALL OFF-SITE IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, LATEST EDITION.
  - FINAL ASPHALTIC CONCRETE (AC) PAVEMENT SURFACES SHALL BE ONE-HALF INCH ABOVE THE TOP OF THE GUTTER (INCLUDING OPEN GRADE).
  - SEE SITE ARCHITECT'S PLANS FOR ALL HANDICAP ACCESSIBILITY INFORMATION, RAMP DETAILS, TRANSFORMERS, AND TRASH ENCLOSURES. VERIFY BUILDING LAYOUT WITH ARCHITECT'S PLANS.
  - CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
  - SEE LANDSCAPE PLANS FOR LANDSCAPING AND ON-SITE IRRIGATION.
  - THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNMENT AGENCIES.
  - ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
  - ADD 2400 TO ALL ELEVATIONS TO GET ACTUAL ELEVATIONS.
  - RETAINING WALLS TO BE CONSTRUCTED PER CITY OF LAS VEGAS BLDG DEPT STANDARDS.
  - SEE HC PLANS FOR STATIONS AND LINE/CURB INFORMATION.

**CONSTRUCTION NOTES**

No.	ITEM
1	CONSTRUCT 2" MIN. AC OVER 4" TYPE II AGGREGATE BASE IN PARKING AREAS
2	CONSTRUCT "A" TYPE CURB PER OCCAUSD NO. 219
3	CONSTRUCT "L" TYPE CURB AND GUTTER PER OCCAUSD NO. 218
4	CONSTRUCT 0" CURB FACE
5	CONSTRUCT 5' (4" THK) SIDEWALK PER OCCAUSD NO. 234 & TC STDS
6	CONSTRUCT SIDEWALK UNDERDRAIN PER OCCAUSD NO. 236
7	CONSTRUCT 2" CURB OPENING
8	CONSTRUCT SIDEWALK RAMPS USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER OCCAUSD NO. 235, CASE II & TC STDS
9	CONSTRUCT RETAINING WALL PER TC STDS (STRUCTURAL BY OTHERS) W/RAILING PER ADA STANDARDS AND ARCH. PLANS
10	CONSTRUCT COMMERCIAL DRIVEWAY PER OCCAUSD NO. 222A AND 225
11	CONSTRUCT 6" CROSS GUTTER PER OCCAUSD NO. 228
12	CONSTRUCT 7" LANDSCAPING BERM
13	CONSTRUCT 3" VALLEY GUTTER PER DETAIL A1 ON DE-4
14	BUS STOP LOADING PAD PER OCCAUSD NO. 234.2
15	CONSTRUCT TRANSITION FROM "L" CURB TO 3" V.G. PER DETAIL A3 ON DE-4
16	CONSTRUCT END SECTION PER DETAIL A2 ON DE-4
17	CONSTRUCT BUMPER BLOCK PER OCCAUSD NO. 238
18	CONSTRUCT SPECIAL PAVEMENT AND SIDEWALK TREATMENTS PER DETAIL F1 ON DE-4
19	EXISTING SPECIAL PAVEMENT AND SIDEWALK TREATMENTS PER DETAIL F1 ON DE-4
20	CONSTRUCT SIDEWALK RAMP USING ARMOR TILE TRUNCATED DOMES OR EQUIVALENT PER OCCAUSD NO.235, CASE II, & TC STDS.
21	CONSTRUCT 9.5" (4" THK) SIDEWALK PER OCCAUSD NO. 234, & TC STDS.

**LEGEND**

EXISTING	PROPOSED
R.O.W/PROPERTY LINE	_____
CENTERLINE	_____
EASEMENT LINE	_____
SCREEN WALL	_____
RETAINING WALL	_____
FENCE	_____
TRASH ENCLOSURE	(T)
GRADE BREAK	_____
RIDGE LINE	_____
EDGE OF PAVEMENT	_____
SAWCUT LINE	_____
"A" CURB	_____
"L" CURB	_____
TRAFFIC SIGNS	_____
CONTOUR LINE - MAJOR	2250
CONTOUR LINE - MINOR	2251
CUT/FILL SLOPE	_____
ELEVATION TAGS	(58.49) TC PAD = 28.47 FF = 28.65 (2.0) %
FINISHED FLOOR ELEV.	58.48 TC PAD = 28.47 FF = 28.65 2.0 %
SLOPE	_____
HANDICAP RAMP	_____
HANDICAP PARKING	_____
SIGHT VISIBILITY ZONE	_____

MATCHLINE: SHEET GP-2

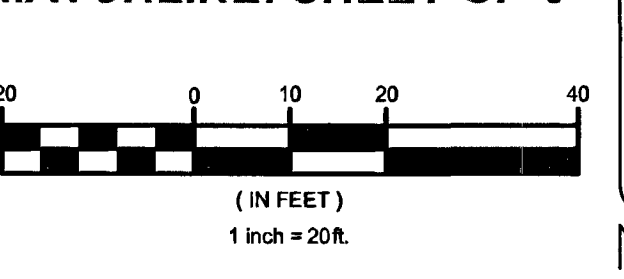
MATCHLINE: SHEET GP-7

MATCHLINE: SHEET GP-5

**EARTHWORK QUANTITIES**  
THESE QUANTITIES ARE APPROXIMATE AND ARE RAW VOLUMES ONLY. OVER-EXCAVATION, SUBSIDENCE, SHRINKAGE, BULKING FACTORS, & CONSTRUCTION MATERIAL IMPORT ARE NOT TAKEN INTO ACCOUNT.  
CUT = 15833 CY  
FILL = 46283 CY  
NET = 32450 CY (FILL)

**FLOOD DESIGNATION**  
FIRM MAP DATED: MAP REVISED SEPTEMBER 27, 2002  
FIRM PANEL NUMBER: 32003C1745 E, ZONE X  
DESCRIPTION OF ZONE X FLOOD ZONE: THOSE AREAS DESIGNATED TO BE OUTSIDE THE 100-YEAR FLOODPLAIN.

**SOILS REPORT NOTE:**  
ALL WORK SHALL CONFORM TO THE GEOTECHNICAL REPORT  
PREPARED BY: WESTERN TECHNOLOGIES INC.  
PROJECT NO.: 4125.H069  
DATED: JULY 20, 2005

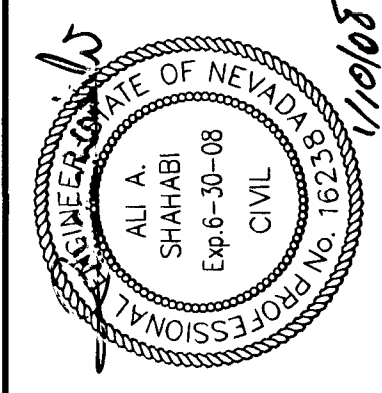


Call before you Dig.  
1-800-227-2600  
UNDERGROUND SERVICE

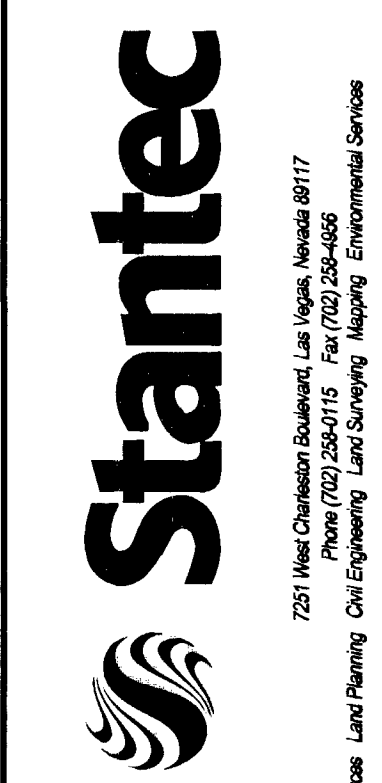
Call before you OVERHEAD  
1-702-227-2929  
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

Call before you UnderGround  
1-702-435-7511  
CLARK COUNTY TRANSFORMATIONS and SAFETY SERVICES DEPARTMENT  
1-702-223-6611

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS FOR THIS PROJECT.  
CLV DS#0941  
*Ali A. Shahabi* 1/10/08  
ALI A. SHAHABI, P.E. #18238 DATE



REV.	DATE	DESCRIPTION
1	1/10/08	ISSUED FOR PERMITS
2	1/10/08	ADJUST PROJECT BENCHMARK AND DATUM, ADJUST GRADING AROUND BUILDINGS & T. & B. ADJUST TRANSFORMER PADS
3	1/10/08	REVISED GRADING AND ADDED VALLEY CUTTER



720 West Charleston Boulevard, Las Vegas, Nevada 89177  
Water Resources Land Planning Civil Engineering Land Surveying Mapping Environmental Services

VENTURE CORPORATION  
CENTENNIAL HILLS PROFESSIONAL CENTER  
GRADING PLAN  
JOB # 1881205801  
SHEET NO.:  
**GP-4**  
22 OF 87 SHEETS  
CLV # 1074938