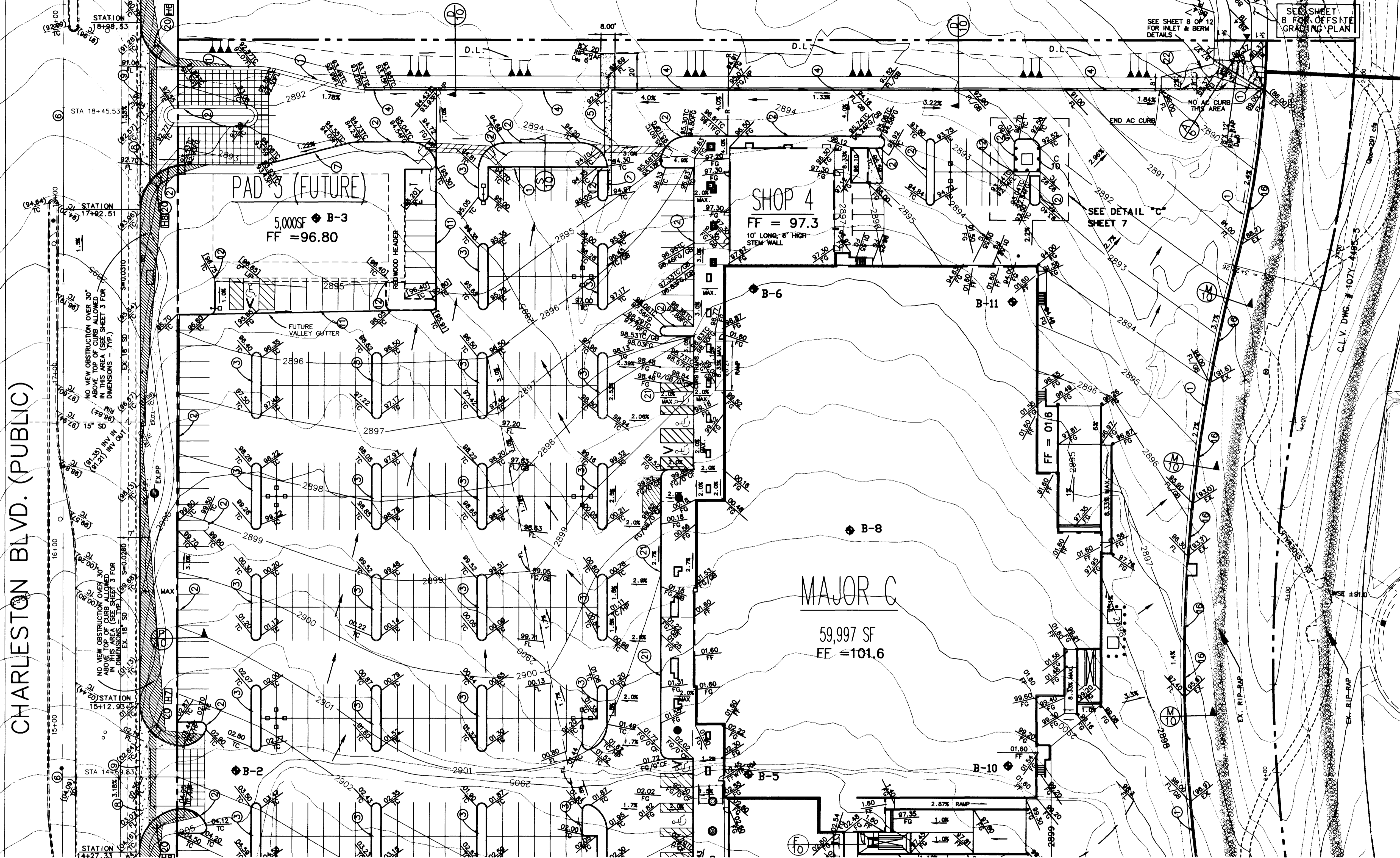
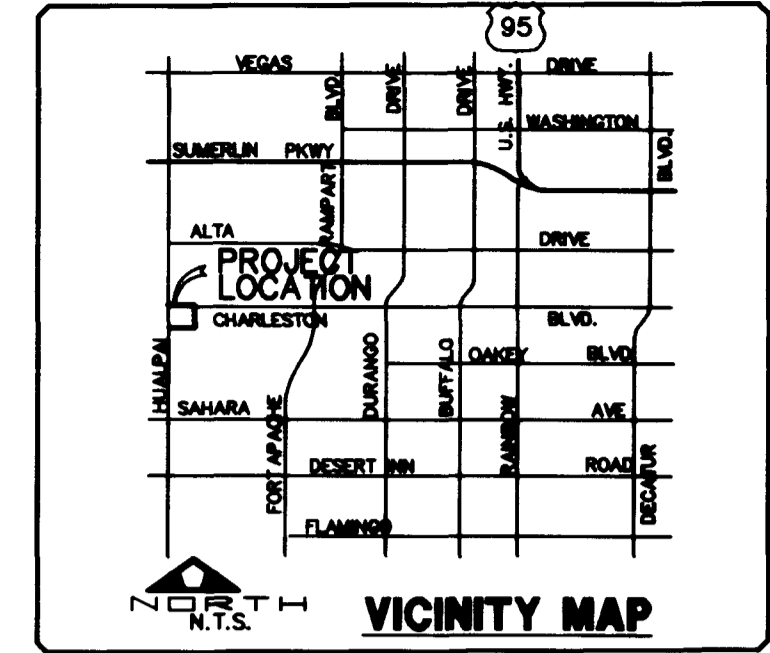


CHARLESTON BLVD. (PUBLIC)

COMMET 16

NOTE: SEE SHEET 8 OF 12 FOR REVISED MEDIAN LEFT TURN POCKET THIS AREA.

SEE SHEET 8 FOR OFFSITE GRADING PLAN

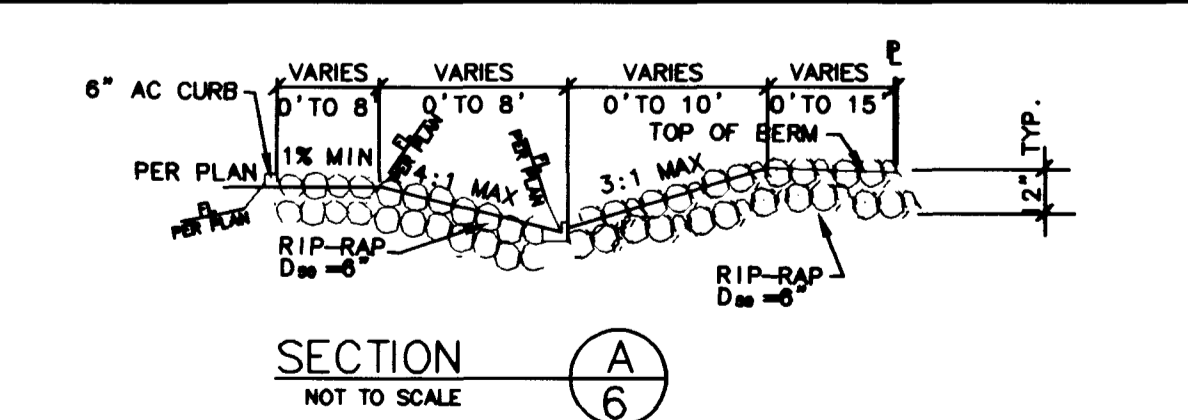


CITY LAS VEGAS GRADING NOTES

- 1. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER/ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
3. CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ALL EXCAVATION, ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION.
4. THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.
5. THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROMOTE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT.
6. CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING HORIZONTAL AND VERTICAL TOLERANCES AND DEGREES OF COMPACTION, IN THE AREAS INDICATED:
A. PAVEMENT AREA SUBGRADE HORIZONTAL VERTICAL COMPACTION
0.5" +0.10' TO -0.11' AS INDICATED ON PLAN
0.5" +0.170' -0.1' MINIMUM OF 90% OR AS SHOWN ON PLANS
7. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
8. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSIDERATION OF BACON, OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER.
9. THE CONTRACTOR SHALL MAINTAIN STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, MUD OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLIC'S OWNERS PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
10. IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, THE OWNER/ENGINEER SHALL PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSE, AND AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

CONSTRUCTION NOTES

- 1 6" TYPE "L" CURB & GUTTER PER DETAIL "K" SHEET No. 10 (C.C. AREA STD. DWG. No. 216) AT THE SOUTH EAST CORNER OF THE PROPERTY.
2 6" CONCRETE CURB ONLY (TYPE "A") PER DETAIL "J" SHEET No. 10, (C.C. AREA STD. DWG. No. 219)
3 6" CONCRETE CURB AT PLANTERS PER DETAIL "L" SHEET No. 10
4 6" A.C. CURB PER DETAIL "D" SHEET No. 10 PROVIDE CONSTRUCTION OF F.L. OF A.C. CURB TO "L" CURB AT THE SOUTH EAST CORNER OF THE PROPERTY.
5 3' VALLEY GUTTER PER DETAIL "A" SHEET No. 10
6 CONSTRUCT DRIVEWAYS PER C.C. AREA STD. DWG. No. 222A & 225
7 CONSTRUCT 5' SIDEWALK PER C.C. AREA STD. DWG. No. 234 OR AS NOTED.
8 8" CROSS GUTTER PER CLARK COUNTY STD. DWG. No. 228
9 SAWCUT & REMOVE CURB AND GUTTER
10 CONSTRUCT SIDEWALK UNDERDRAIN PER CLARK COUNTY AREA STD. No. 236
11 REDWOOD HEADER (2"X 6")
12 CURB OPENING DETAILS PER DETAIL "T" SHEET 10
13 CONSTRUCT HANDICAP RAMP PER DWG. No. 235, CASE 1, (FOR "A" & "B" SEE SIDEWALK RAMP DETAIL)
14 CONSTRUCT 5' WIDE DRAINAGE DITCH PER DETAIL B-7
15 CONSTRUCT 6" THICK CONCRETE SLAB W/MEDIUM BROOM FINISH
16 CONSTRUCT RETAINING WALL - PER DETAIL H-10
17 CONSTRUCT SCREEN WALL - PER DETAIL N-10
18 3" ROOF OR CANOPY DRAIN OUTLET THROUGH CURB (SEE ARCH. PLANS FOR BUILDING LOCATIONS)
19 ROCK WALL PER DETAIL C-8, SHEET 8
20 CONSTRUCT HANDICAP RAMP PER NDOT STD. R-5.1.1.1 (613)
21 THICKENED EDGE OF CONCRETE PER DETAIL U-10
22 CONSTRUCT RIP-RAP



LEGEND table listing symbols for AC (top of asphalt paving), FG (finish grade), FS (finish surface), GB (grade break), HAR (handicap access route), HP (high point), TC (top of curb), and approximate boring location.

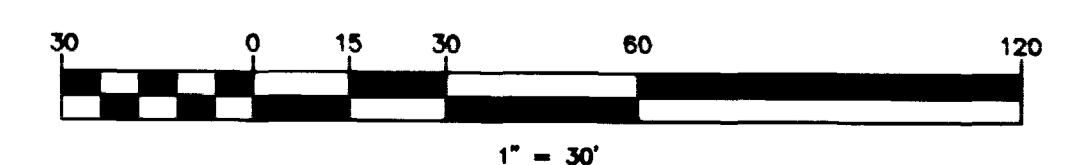
BASIS OF BEARING: SOUTH 01°21'03" EAST, BEING THE BEARING OF THE WEST LINE OF THE NORTHWEST QUARTER (1/4) OF SECTION 8, TOWNSHIP 21 SOUTH, RANGE 80 EAST AS SHOWN ON A CERTAIN MAP IN THE CLARK COUNTY RECORDER'S OFFICE, IN BOOK 71, PAGE 76 OF PLATS.

BENCH MARK: CITY OF LAS VEGAS BENCHMARK # 0LVDO 31SSWS, BEING A RIVET AND PLATE IN TOP OF CURB ON CHARLESTON BLVD., 1690' WEST OF GRAND CANYON DRIVE, NORTH CURB LINE AT DROP INLET. ELEVATION = 874.0618 METERS (NAVD 88) ELEVATION = 2887.651 U.S. SURVEY FEET (COMPUTED NAVD 88)

APPROVAL NOTE: I CERTIFY THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY FOR THIS PROJECT ON FILE AT THE CITY OF LAS VEGAS. DENNIS P. WERTZLECK PE# 11970 8-12-98

SIDEWALK RAMP TABLE PER STD. DWG. #235, CASE 1. Table with columns: LOCATION, "A"(FT) MIN, "B"(LF) MIN. Rows include H1 through H8.

- GRADING NOTES: 1. ALL PROPOSED PAD ELEVATIONS AND SWALE ELEVATIONS ARE ROUGH GRADES. ALL OTHER PROPOSED ELEVATIONS ARE FINISHED GRADES. 2. THE GRADING PLANS SHALL BE AT THE PROJECT SITE THROUGHOUT THE COURSE OF CONSTRUCTION. AND DETAILS AS SHOWN ON THESE PLANS. ANY DEVIATION FROM THESE PLANS WILL ONLY BE PERMITTED UPON WRITTEN APPROVAL FROM THE ENGINEER. 4. ALL PADS ARE TO BE GRADED WITHIN 0.1' OF THE ELEVATIONS AS SHOWN ON THE PLANS. GRADING IS NOT COMPLETE UNTIL THE ENGINEER HAS CERTIFIED THAT THE PADS HAVE BEEN GRADED IN SUBSTANTIAL CONFORMANCE TO THE PLANS. 5. ALL GRADING SHALL BE PERFORMED IN CONFORMANCE WITH THE FOLLOWING REPORT PREPARED BY: (AND ALL SUB-SEQUENT ADDENDUMS) WESTERN TECHNOLOGIES, INC. PROJECT No. 4128.C016 DATED: FEB. 2, 1998



Project information block including: PECCOLE NEVADA CORP. (851 So. RAMPART, SUITE 100, LAS VEGAS, NEVADA, 89128), PENTACORE (CIVIL ENGINEERING, LAND SURVEYING, PLANNING, CONSTRUCTION MANAGEMENT, ADA CONSULTING, LAS VEGAS, NEVADA 89102), GRADING PLAN I, PECCOLE RANCH, PHASE II, SMITH'S COMMERCIAL, SHEET 6 OF 12, C.L.V. DWG.# 107-V2 960.

