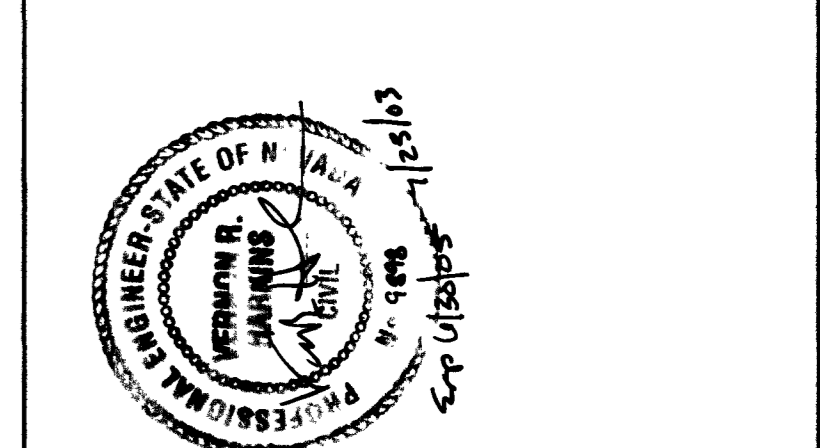
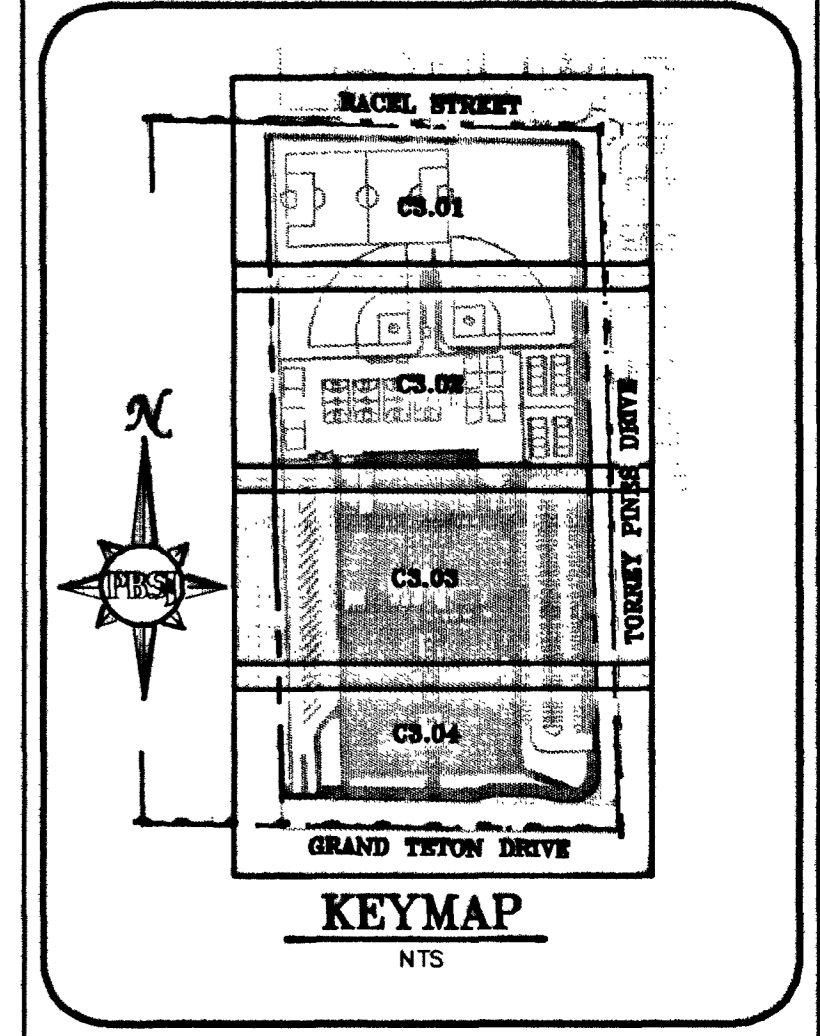
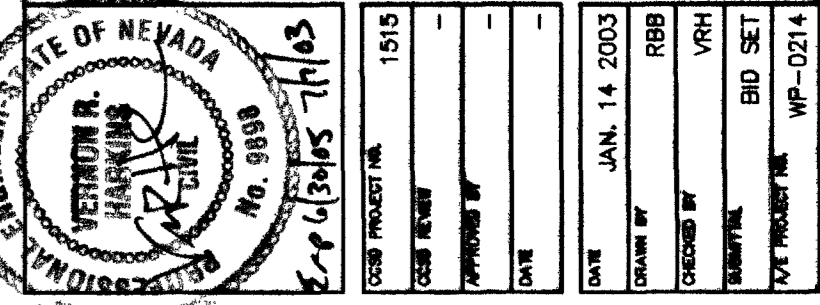


REVISIONS				
NO.	DESCRIPTION	DATE	BY	CHK



Call before you DIG
1-800-227-7000

Call before you OVERHEAD
1-702-227-2929



PBS&J
228 Corporate Circle Drive
Las Vegas, Nevada 89121
Phone: 702-732-7228
FAX: 702-732-7229

CLARK COUNTY SCHOOL DISTRICT
CONSTRUCTION MANAGEMENT 4828 PEARL STREET LAS VEGAS, NEVADA 89121

ANTHONY SAVILLE MIDDLE SCHOOL
FORMERLY KNOWN AS GRAND TETON - TORREY PINES MIDDLE SCHOOL

ON-SITE GRADING PLAN

715-150
C3.03

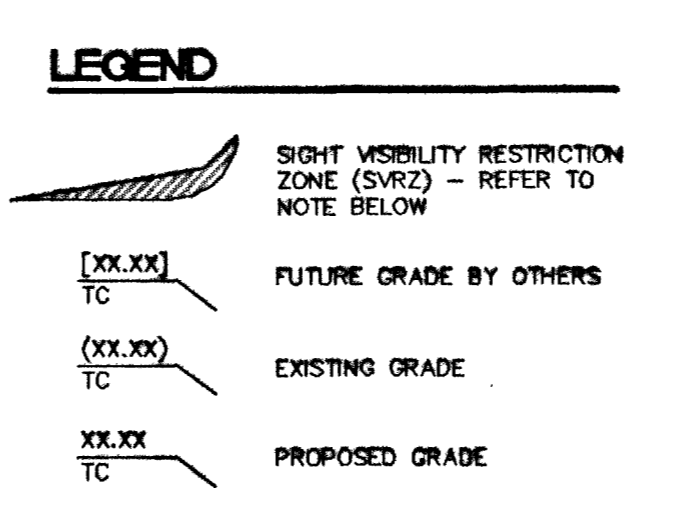
- GENERAL NOTES** (NOT ALL NOTES ARE USED ON THIS SHEET)
- CONSTRUCT 3" CONCRETE VALLEY GUTTER PER DETAIL "A" ON SHEET C8.01
 - CONSTRUCT 6" TYPE "A" CURB PER C.C.A.U.S.D. NO. 219
 - CONSTRUCT TYPE "L" CURB AND GUTTER PER C.C.A.U.S.D. NO. 216
 - INSTALL JENSEN PRECAST 2424 HOI DROP INLET WITH TRAFFIC GRATE PER DETAIL "H" ON SHEET C8.01
 - CONSTRUCT CONCRETE SIDEWALK PER DETAIL "G" ON SHEET C8.01
 - CONSTRUCT COMMERCIAL DRIVEWAY PER C.C.A.U.S.D. NO. 222A & 225
 - CONSTRUCT 8" CONCRETE CROSS GUTTER PER C.C.A.U.S.D. NO. 228
 - CONSTRUCT A.C. SECTION PER DETAIL "O" ON SHEET C8.02
 - CONSTRUCT 2" UNDER SIDEWALK DRAIN PER C.C.A.U.S.D. NO. 235
 - CONSTRUCT HANDICAP PARKING STALL PER DETAIL "C" ON SHEET C8.02 (TYPICAL OF 3)
 - CONSTRUCT STORM DRAIN HEADWALL PER DETAIL "E" ON SHEET C8.01
 - CONSTRUCT HALF STREET CROSS GUTTER PER C.C.A.U.S.D. NO. 229
 - CONSTRUCT MOWBOURD PER DETAIL "PP" ON SHEET C8.02
 - CONSTRUCT A 2" CURB OPENING PER DETAIL "C" ON SHEET C8.01
 - REFER TO LANDSCAPE PLANS FOR MORE INFORMATION.
 - EXISTING CMU WALL BY OTHERS, REFER TO DETAIL "AA" ON SHEET C8.02
 - REFER TO ARCHITECTURAL SHEET S3.01
 - INSTALL VEHICULAR PROTECTION BOLLARD PER U.D.A.C.S. PLATE NO. 23
 - CONSTRUCT CONCRETE FLUME PER DETAIL "M" ON SHEET C8.02
 - CONSTRUCT A 4" TYPE "A" DROP INLET PER C.C.A.U.S.D. NO. 411
 - CONSTRUCT 2" CONCRETE VALLEY GUTTER PER DETAIL "K" ON SHEET C8.02
 - SLOPE LANDSCAPING TO PROVIDE A 10'x15' FLAT AREA (2% MAX) FOR PLACEMENT OF ASSEMBLIES.
 - CONSTRUCT CLARK COUNTY STANDARD TYPE IV FLOOD WALL, H=3.0'

- CONSTRUCT HANDICAP RAMP PER CCAUSD No. 235 CASE II, A-D, B-E
- CONSTRUCT A 12" TYPE "C" DROP INLET W/ 2.5" OF GRATE PER C.C.A.U.S.D. NO. 413
- CONSTRUCT C.M.U. STEM WALL WITH FENCE PER DETAIL "F" ON SHEET C7.03. FOR WALL COORDINATE INFO., REFER TO SHEETS C2.01-C2.04
- INSTALL PARKING BUMPER BLOCK PER DETAIL "K" ON SHEET C8.01 (TYPICAL PLACES)
- REFER TO DETAIL "D" ON SHEET C8.01 FOR MAINTENANCE YARD CONCRETE PAVEMENT SECTION.
- CONSTRUCT HANDICAP RAMP PER CCAUSD No. 235 CASE II. REFER TO OFF-SITE SHEETS FOR "A" AND "B" DIMENSIONS
- CONSTRUCT HANDICAP RAMP PER CCAUSD No. 235 CASE II. REFER TO OFF-SITE SHEETS FOR "A" AND "B" DIMENSIONS
- CONSTRUCT TENNIS COURT PER DETAIL "X" ON SHEET C8.03
- SHADE STRUCTURES - REFER TO ARCHITECTURAL SITE PLAN FOR ADDITIONAL INFO
- CONSTRUCT MAZE GATE PER DETAIL "J" ON SHEET C8.01
- CONSTRUCT COMMERCIAL DRIVEWAY PER CCAUSD No. 224
- REFER TO DETAIL "Z" ON SHEET C8.02 AND SHEETS C7.01, C7.02, AND C7.03 FOR CONSTRUCTION OF STAIRS AND HANDRAILS.
- CONSTRUCT 8" CONCRETE FLUME PER DETAIL "M" ON SHEET C8.02
- CONSTRUCT CONCRETE SIDEWALK PER CCAUSD No. 234
- CONSTRUCT HANDICAP RAMP PER DETAIL "L" ON SHEET C8.02
- CONSTRUCT A 4" TYPE "A" DROP INLET PER CCAUSD No. 411
- CONSTRUCT 2" CONCRETE VALLEY GUTTER PER DETAIL "K" ON SHEET C8.02
- SLOPE LANDSCAPING TO PROVIDE A 10'x15' FLAT AREA (2% MAX) FOR PLACEMENT OF ASSEMBLIES.
- CONSTRUCT CLARK COUNTY STANDARD TYPE IV FLOOD WALL, H=3.0'

- GENERAL NOTES:**
- ADD 2300 TO ALL PLAN GRADE ELEVATIONS
 - STATIONING IS CENTERLINE UNLESS OTHERWISE NOTED.
 - PROVIDE 1/2" LIP AT ALL DOOR ENTRANCES PER ARCHITECTURAL PLANS.
 - REFER TO UTILITY PLANS FOR ADDITIONAL STORM DRAIN INFORMATION.
 - FINISH SURFACE ELEVATION SHALL ALWAYS BE GRADED AWAY FROM BUILDING STRUCTURE. SLOPE % OF LANDSCAPE SHALL MEET OR EXCEED THE MINIMUM REQUIREMENTS AS REFERENCED IN PROJECT'S GEOTECHNICAL REPORT. IF NO REFERENCE IS MADE IN GEOTECHNICAL REPORT THEN LANDSCAPE SLOPE SHALL BE A MINIMUM OF 2.00% AWAY FROM BUILDING STRUCTURE.
 - THE DIRECTIONAL SLOPE OF ALL WALKWAYS WITHOUT HANDRAILS SHALL NOT EXCEED 5.00% ALL WALKWAYS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2.00%.

NOTE: REFER TO TRAFFIC SHEETS FOR ADDITIONAL INFO. ON SIGHT VISIBILITY RESTRICTION ZONES EACH CORNER OF EVERY INTERSECTION SHALL HAVE A SIGHT VISIBILITY EASEMENT REGARDLESS OF RIGHT-OF-WAY WIDTH. NO WALLS, FENCES, TREES, SHRUBS, UTILITY APPURTENANCES OR ANY OTHER OBJECT OTHER THAN TRAFFIC CONTROL DEVICES AND STREET LIGHT POLES, MAY BE CONSTRUCTED OR INSTALLED WITHIN THE SIGHT VISIBILITY ZONE UNLESS SAID OBJECT IS MAINTAINED AT LESS THAN 24 INCHES IN HEIGHT, MEASURED FROM TOP OF CURB, OR WHERE NO CURB EXISTS, A HEIGHT OF 27 INCHES MEASURED FROM THE TOP OF ADJACENT ASPHALT, GRAVEL OR PAVEMENT STREET SURFACE.

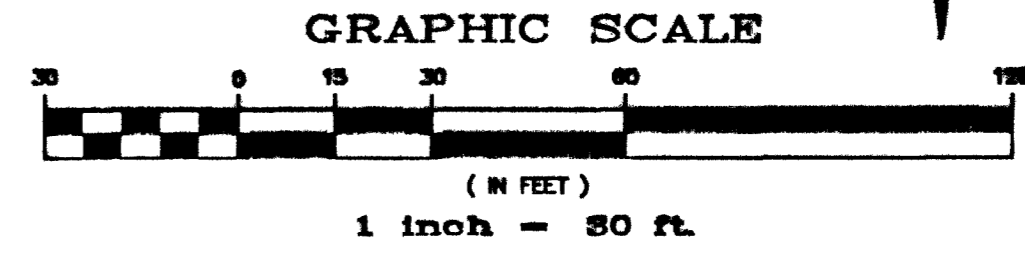
GEOTECHNICAL INVESTIGATION
PREPARED BY KLEINFELDER, INC. ON FEBRUARY 28, 2001 AND UPDATED ON JULY 8, 2002. PROJECT NO. 31-137183.



CLARK COUNTY DEPT. OF DEVELOPMENT SERVICES CIVIL ENGINEERING DIVISION
ACCEPTANCE OF PLANS FOR FILING BY:

ACCEPTANCE OF THESE PLANS FOR FILING SHALL NOT BE CONSIDERED AS A PERMIT FOR, OR AN APPROVAL OF, ANY VIOLATION OF ANY OF THESE PROVISIONS OF THE STATE OR COUNTY LAWS AND/OR SPECIFICATIONS. CLARK COUNTY SHALL BE HELD FREE FROM DAMAGES WHICH MAY RESULT FROM CONSTRUCTION OF THE IMPROVEMENTS FROM THE ENGINEERING DESIGN DEPICTED HEREIN.

NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT PROPERLY LOCATED BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.



DRAINAGE CERTIFICATION
WE CERTIFY THAT THE GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH CLARK COUNTY FOR THIS PROJECT. HTE #02-31503
V.R.H. DATE 7/16/03
VERNON R. HARKINS P.E. # 9898

BENCHMARK
CITY OF LAS VEGAS BENCHMARK 11V90 14N4
ELEVATION = BLM BRASS CAP, GRAND TETON DRIVE AND TORREY PINES DRIVE.
NAVD 1988 DATUM
ELEVATION = 722.7231 METERS / 2371.13 FEET

BASIS OF BEARINGS
NORTH 89°11'27" WEST - BEING THE SOUTH LINE OF THE SOUTHWEST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 11, TOWNSHIP 19 SOUTH RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN BY A MAP ON FILE IN THE OFFICE OF THE CLARK COUNTY RECORDER IN FILE 73 OF SURVEYS, PAGE 14, OFFICIAL RECORDS.