PROPOSED IMPROVEMENTS
for
BULLET'S DRIVE THRU
(A COMMERCIAL DEVELOPMENT)
CITY OF LAS VEGAS, STATE OF NEVADA

SITUATED IN THE NORTHWEST QUARTER (NW 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 2, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, NEVADA

A PORTION OF A.P.N. 163-02-301-003

JOB NUMBER: 95213

CITY OF LAS VEGAS GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS"

2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES ARE LOCATED ON THESE PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCES WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER, GAS AND /OR OTHER UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION THEREWITH.

3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES, AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER OR OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.

4. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.

5. TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGN TO BE APPROVED BY THE QUALITY CONTROL DIVISION PRIOR TO USE ON THE PROJECT.

6. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT OF WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.

7. EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED TYPE CURB.

8. AC PAVEMENT TO 1/2" ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS AND CROSS GUTTERS.

9. APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE.

10. CURB AND GUTTER WITH A GRADE OF LESS THAN FOUR TENTHS OF ONE PERCENT SHALL BE WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION. ANY CURB AND GUTTER FOUND TO BE UNACCEPTABLE TO THE CITY SHALL BE REMOVED AND REPLACED.

11. SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.

12. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS, OR AS DESIGNATED IN THE FIELD BY A CITY INSPECTOR.

13. ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY THE SOILS ENGINEER AND APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS.

14. EXACT LOCATION OF ALL SAWCUT LINES MAY BE DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS INSPECTOR IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATION.

15. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS IN ACCORDANCE WITH N.R.S. STATUTE NO. 625.550.

16. UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC. SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE UTILITY COMPANY AND CITY ENGINEER.

17. WALL NOTES:
    A. ALL WALLS, NEW OR EXISTING, ARE SHOWN FOR THE PURPOSE OF GRADING RELATIONSHIPS.
    THE STRUCTURAL AND ARCHITECTURAL DESIGN OF ALL WALLS (RETAINING OR NON-RETAINING) MUST BE APPROVED BY THE CLV BUILDING DEPARTMENT.

18. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT ON CITY STREETS.

12/92

NO DEVIATIONS FROM STANDARDS

NOTES:
ALL UTILITIES ARE BELIEVED TO BE ACCURATELY LOCATED BUT THE ACCURACY AND COMPLETENESS OF UTILITY INFORMATION IS NOT GUARANTEED. FOR EXACT LOCATION OF ANY UTILITY SEE THE APPROPRIATE UTILITY OR GOVERNMENTAL AGENCY.

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before you
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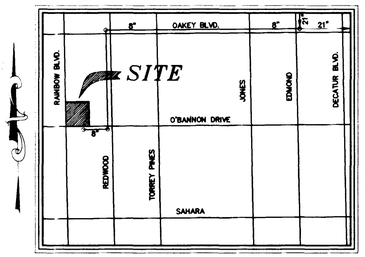
PREPARED BY

SHA ENGINEERS
STAN HANSEN & ASSOCIATES
LAND SURVEYING
CIVIL ENGINEERING
STRUCTURAL ENGINEERING
FORENSIC ENGINEERING
3089 S. VALLEY VIEW BLVD.
LAS VEGAS, NV 89102
(702) 247-6003
FAX (702) 247-6110

OWNER

C/O JAMES McLEOD
BULLET'S
PO BOX 13861
LAS VEGAS, NEVADA 89112
(702) 341-6605



VICINITY MAP
N. T. S.

DUTY TO INDEMNIFY. The Contractor shall defend, indemnify, keep and save harmless the City, County, Owner, and Engineer and their respective board members, representatives, agents and employees, in both individual and official capacities, against all suits, claims, damages, losses and expenses, including attorney's fees, caused by, growing out of, or incidental to, the performance of the work under the Contract by the Contractor or its subcontractors to the full extent as allowed by the laws of the State of Nevada, and not beyond any extent which would render these provisions void or unenforceable. This obligation includes but is not limited to: The Nevada laws regarding civil work, structural work and regarding the protection of adjacent landowners. In the event of any such injury (including death) or loss or damage, or claims therefor, the Contractor shall give prompt notice to the Owner.

BASIS OF BEARING

N 02° 39'23" W BEING THE WEST LINE OF THE NORTHWEST QUARTER, OF THE SOUTHWEST QUARTER, OF SECTION 2, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.M., AS SHOWN IN BOOK 19, PAGE 33, OF RECORDED PLATS, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

BENCHMARK

BM # 6 C.L.V. 7C10-2SWW6
A 2"X2" ALUMINUM PLATE IN THE TOP OF CURB, NORTHEAST CORNER OF RAINBOW BLVD. & O'BANNON DRIVE NEAR THE PC OF RAINBOW BLVD.
ELEVATION = 731.2372 METERS

2399.07 FEET ⟸ DATUM USED (NAVD 1988 DATUM)

NOTE:
CERTAIN OF THE "EXISTING" IMPROVEMENTS SHOWN ON THESE PLANS ARE PER THE CITY-APPROVED AND BONDED PLAN NUMBER 107Y-4439. THEY MUST BE PHYSICALLY CONSTRUCTED PRIOR TO START OF THE CONSTRUCTION SHOWN ON THESE PLANS. THEY CONSIST OF:

- GRADING TO THE "EXISTING" CONTOURS SHOWN HEREON.
- INSTALLATION OF THE 24" STORM DRAIN ADJACENT TO RAINBOW BLVD.
- INSTALLATION OF ALL RAINBOW BLVD. IMPROVEMENTS ADJACENT TO THIS SITE, INCLUDING THE SOUTHWEST DRIVEWAY APPROACH.
- ALL O'BANNON STREET CONSTRUCTION AND REMOVALS.

DATE	REVISIONS	APPROVAL

INDEX

SHEET NO.	DESCRIPTION
C1 OF 4	TITLE SHEET
C2 OF 4	GEOMETRIC PLAN
C3 OF 4	GRADING PLAN
C4 OF 4	UTILITY PLAN

APPROVAL

8-21-96
DENNIS ANDERSON — DATE
CITY OF LAS VEGAS - CITY ENGINEER
APPROVAL OF THESE PLANS BY THE CITY ENGINEER IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHTS-OF-WAY AND /OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE THE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS EXCEPT THOSE SPECIFICALLY LISTED UNDER "DEVIATIONS FROM STANDARDS" . THE ENGINEER SHALL RESOLVE ANY DEVIATIONS OTHER THAN THOSE LISTED IN "DEVIATIONS FROM STANDARDS" IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS CLARK COUNTY AREA NEVADA.

6-4-96
SOUTHWEST GAS CORPORATION — DATE

6-3-96
SPRINT TELEPHONE COMPANY — DATE

6-6-96
CITY OF LAS VEGAS FIRE DEPARTMENT — DATE

NOTE:
These plans shall not, in part or in whole, be used for construction until approved and signed by the governing agencies.

31 MAY 1996
S.H.A. ENGINEERS — DATE
BRIAN P. TOMPSETT, P.E. #9521

BRIAN P. TOMPSETT — CIVIL — NO. 9521 — STATE OF NEVADA — PROFESSIONAL ENGINEER

SHEET C1 OF 4
DATE: 30 MAY 1996
PROJECT NO.: 95213

702

107-V2569

PROPOSED IMPROVEMENTS
for
BULLET'S DRIVE THRU
(A COMMERCIAL DEVELOPMENT)
CITY OF LAS VEGAS, STATE OF NEVADA

SITUATED IN THE NORTHWEST QUARTER (NW 1/4)
OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 8,
TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.M.,
CITY OF LAS VEGAS, NEVADA
A PORTION OF A.P.N. 163-02-301-003

PREPARED BY

SHA ENGINEERS
STAN HANSEN & ASSOCIATES
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
(702) 247-[illegible]
FAX (702) 247-[illegible]

OWNER

C/O JAMES McLEOD
BULLET'S
PO BOX 13861
LAS VEGAS, NEVADA 89112
(702) 341-8605

CITY OF LAS VEGAS GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC IMPROVEMENTS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AND NEVADA", LATEST EDITION, THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA DESIGNS", LATEST EDITION, AND OTHER APPLICABLE APPROVED STANDARDS ADOPTED BY THE IMPROVING AGENCY, THE UNIFORM BUILDING CODE AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THE SHEET AS "DEVIATIONS FROM STANDARDS".

2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A REVIEW OF THE AVAILABLE RECORDS. EXISTING UTILITIES ARE LOCATED ON THESE PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCES WHICH MAY EXIST IN HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER, GAS AND ANY OTHER UTILITIES SO AS TO STRICTLY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION THEREWITH.

3. THE CONTRACTOR SHALL TAKE ALL PRELIMINARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES, AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE. THEY SHALL, AND ALL SUCH IMPROVEMENTS OR INSTALLATIONS DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER OR OWNER UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.

4. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS. ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.

5. TEST "R" VALUE SHALL BE MADE IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGN TO BE APPROVED BY THE QUALITY CONTROL ENGINEER PRIOR TO USE ON THE PROJECT.

6. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT OF WAY. THE CONTRACTOR SHALL OBTAIN ALL PERMITS AND INSPECTIONS NECESSARY FOR THE CONSTRUCTION.

7. EXPANSION JOINTS REQUIRED MINIMUM EVERY 200' IN EXPOSED TYPE CURB.

8. AC PAVEMENT TO EXT ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT MINIMUM GRADES AND CROSS GUTTERS.

9. ASPHALT PAVING WILL NOT BE ALLOWED UNTIL ALL CONNECTIONS AND IMPROVEMENTS HAVE BEEN MADE.

10. CURB AND GUTTER WITH A GRADE OF LESS THAN FIVE TENTHS OF ONE PERCENT SHALL BE WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION. ANY SUMPS AND OTHER PROBLEMS TO BE UNACCEPTABLE TO THE CITY SHALL BE REMOVED AND REPLACED.

11. TEMPORARY SIGNS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION FOR SIGNALS GRADING ZONE. EXACT LOCATION OF SIGNS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.

12. CONTRACTOR SHALL PROVIDE ALL NECESSARY SUBCONTROL AND MATERIAL SUBMITTALS BEFORE NEW CONSTRUCTION AND EXPOSE SUBGRADE TO PROVIDE FOR PROPER DRAINAGE AND FOR MARKING AND REPORTS TO NEW CONSTRUCTION. THE EXTENT OF EXCAVATIONS TO BE AS SHOWN ON PLANS OR AS DETERMINED IN THE FIELD BY A CITY INSPECTOR.

13. ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY THE SOILS ENGINEER AND APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS.

14. EXACT LOCATION OF ALL EXISTING LINES MUST BE DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS INSPECTOR OF LOCATIONS ON PLANS IN RIGHT OF WAY (COUNTY ORIGIN), OR OWNERS RESPONSIBLE CONTROL RESPONSIBLE RESPONSIBLE.

15. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT TRAFFIC MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND RECORDED FOR AVAILABLE RECORDING IN ACCORDANCE WITH N.R.S. CHAPTER 625.

16. UTILITY CONTROL VALVE BOXES, MANHOLE LIDS, VALVE COVERS, ETC. SHALL BE LOWERED OUT OF DRIVEWAYS, SIDEWALK RAMPS, PLANTERS, AND OTHER OBSTRUCTIONS UNDER CONTROL OF THE OWNER IS REQUIRED BY THE UTILITY COMPANY AND CITY ENGINEER.

17. WELL NOTES
   A. ALL WELLS NOW OR EARLIER ARE SHOWN FOR THE PURPOSE OF GRADING.
   B. THE DEPARTURE AND PERMANENTLY SEALED OF ALL WELLS (DESTROYED OR NON-PRODUCING) MUST BE APPROVED BY THE SOUTH NEVADA DEPARTMENT.

18. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT BY CITY ENGINEER.

11/96

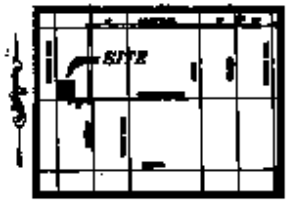
NO DEVIATIONS FROM STANDARDS

NOTE:
ALL UTILITIES ARE BELIEVED TO BE APPROXIMATE
[illegible]
[illegible]
[illegible]
[illegible]

[illegible]

[illegible]

BEFORE YOU DIG, CALL
CALL before you DIG.
1-800-227-2600
[illegible]



VICINITY MAP
N.T.S.

SURVEY TO MONUMENT. The Contractor and Owner, individually and and some Southern the City County, Owner, and Engineer and Field responsible based monitoring, responsibilities, repairs and [illegible] to be established and [illegible] [illegible] [illegible]