

A PORTION OF THE NW 1/4
OF SECTION 4, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.M.
CITY OF LAS VEGAS, CLARK COUNTY, NEVADA

SHEET NO.	DESCRIPTION
1 OF 16	TITLE SHEET
2 OF 16	SITE AND GRADING PLAN
3 OF 16	SITE AND GRADING PLAN
4 OF 16	VIBRANT STREET PLAN PROFILE
5 OF 16	VERMEIL DR. AND SENTINEL DR. PLAN AND PROFILE
6 OF 16	GLADIOLA DR. AND BRIGHT ST. PLAN AND PROFILE
7 OF 16	SAVAGE CT. AND GUTHRIE DR. PLAN AND PROFILE
8 OF 16	CIMARRON RD. (OFFSITE) PLAN AND PROFILE
9 OF 16	MASTER SEWER PLAN
10 OF 16	CIMARRON RD. (OFFSITE) SEWER PLAN AND PROFILE
11 OF 16	VIBRANT STREET SEWER PLAN AND PROFILE
12 OF 16	VERMEIL DR. AND SENTINEL DR. SEWER PLAN AND PROFILE
13 OF 16	GLADIOLA DR. AND BRIGHT ST. SEWER PLAN AND PROFILE
14 OF 16	SAVAGE CT. AND GUTHRIE DR. SEWER PLAN AND PROFILE
15 OF 16	MASTER WATER PLAN
16 OF 16	STREET LIGHT PLAN

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 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.

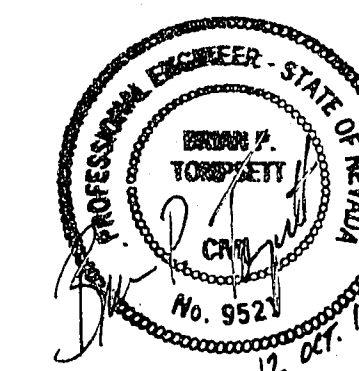
USC & GS DATUM - RAILROAD SPIKE IN POWERPOLE
70'+/- WEST OF DURANGO AT CHARLESTON BLVD.
ELEVATION = 2647.46

[illegible]

APPROVAL

CITY OF LAS VEGAS - CITY ENGINEER DATE

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



SHEET 1 OF 16

29-4-29

107Y-3170-XI-4

DEVIATIONS FROM STANDARD	SHEET #
1. OFFSET CROWN PROPOSED FOR VERWEIL DR.	5
2. OFFSET CROWN PROPOSED FOR SENTINEL DR.	5
3. OFFSET CROWN PROPOSED FOR GLADIOLA DR.	6
4. OFFSET CROWN PROPOSED FOR SAVAGE CT.	7
5. OFFSET CROWN PROPOSED FOR GUTHRIE DR.	7
6. OFFSET CROWN AND 1/2 STREET AND NO R.O.W. FOR PROPOSED CIMARRON DR.	8

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 HANDICAP RAMPS.
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.

09/92

**AVOID CUTTING UTILITY LINES
IT'S COSTLY**

CALL
before you
DOG.

1-800-227-2600

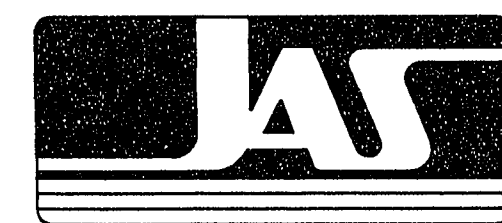
NOTES:
ALL UTILITIES ARE BELIEVED TO BE ACCURATELY LOCATED
BUT THE ACCURACY AND COMPLETENESS
OF UTILITY INFORMATION IS NOT
GUARANTEED. FOR EXACT LOCATION OF
ANY UTILITY SEE THE APPROPRIATE
UTILITY OR GOVERNMENTAL AGENCY.

OWNER/DEVELOPER

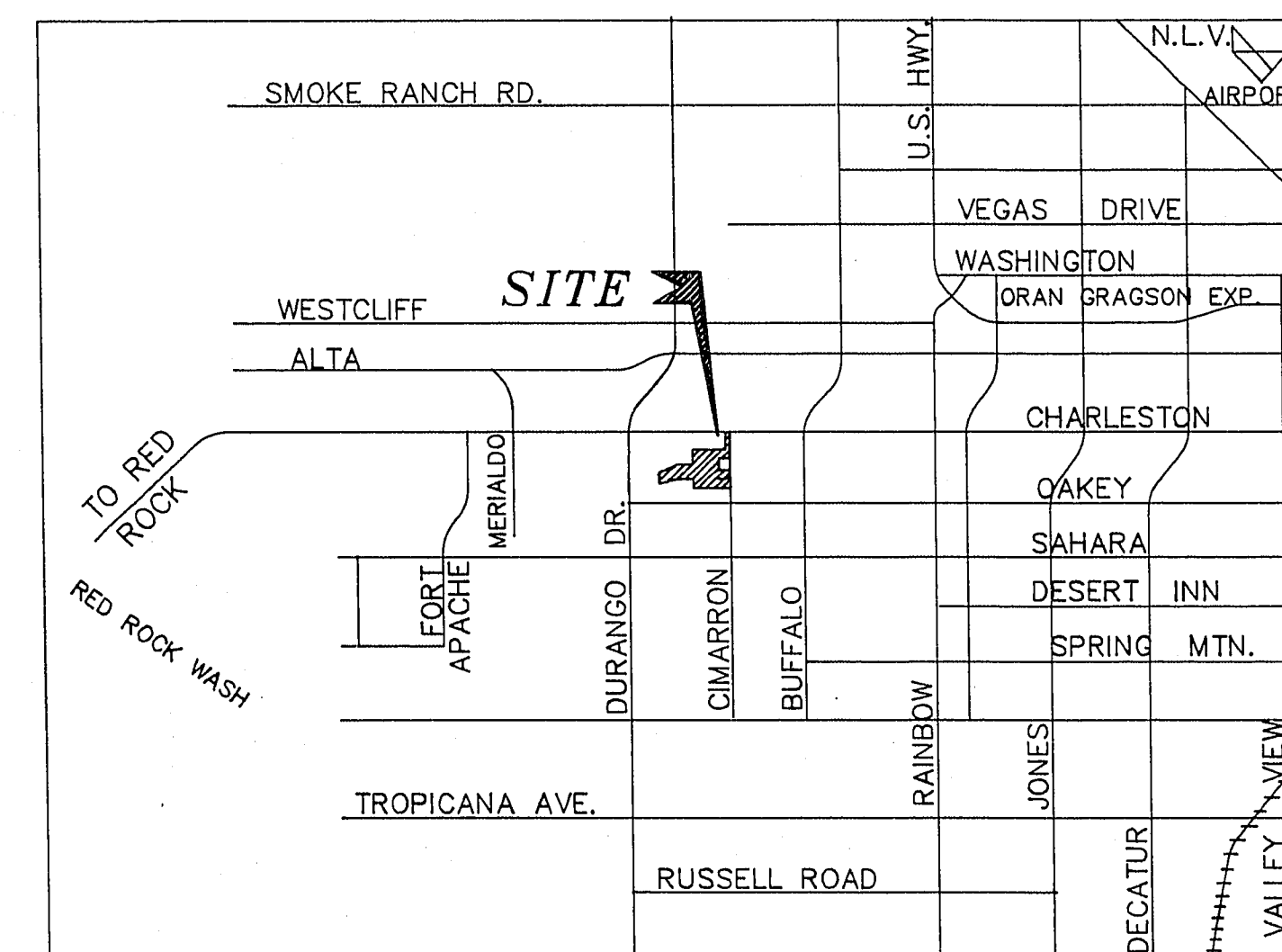
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1532 ODETTE LANE
LAS VEGAS, NEVADA 89117
(702) 363-1563

PREPARED BY

$=CASHDAN$



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CIVIL ENGINEERING LAS VEGAS, NEVADA 89104
FORENSIC ENGINEERING (702) 735-7895
LAND SURVEYING FAX (702) 735-6282

VICINITY MAP
N. T. S.

DATE: JULY 26, 1991
PROJECT NO.: 91-818