

GENERAL NOTES

- 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".
- 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 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.
- 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.
- ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
- 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.
- PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT OF WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
- EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED TYPE CURB.
- AC PAVEMENT TO BE 1/2" ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS.
- APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS ADJUSTMENTS HAVE BEEN MADE.
- CURB & 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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 THE CITY ENGINEER.
- WALL NOTES:
 - ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN FOR THE PURPOSE OF GRADING RELATIONSHIPS.
 - THE STRUCTURAL AND ARCHITECTURAL DESIGN OF ALL WALLS (RETAINING OR NOR-RETAINING) MUST BE APPROVED BY THE CLV BUILDING DEPARTMENT.
- ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT ON CITY STREETS.

STREET SECTION NOTES

- PROVIDE 6" MIN. TYPE 1 OR TYPE 2 AGGREGATE BASE UNDER CURB AND GUTTER.
- FINAL A.C. PAVEMENT SURFACE (INCLUDING OPEN GRADE IF USED) SHALL BE 1/2" ABOVE LIP OF GUTTER.
- STRUCTURAL SECTION SHOWN IS BASED ON AN "R" VALUE OF 20. OTHER STRUCTURAL SECTIONS MAY BE APPROVED IF BASED ON ENGINEERING ANALYSIS BASED ON "R" OR "CBR" VALUES DETERMINED BY SOIL TESTING. IN NO CASE SHALL THE A.C. THICKNESS BE LESS THAN SHOWN.
- OWNER AGREES THAT IF EXISTING NATIVE MATERIALS DOES NOT CONFORM TO THE SPECIFICATIONS FOR TYPE 1 BASE, OWNER WILL IMPORT TYPE 1 BASE FOR A.C. PAVEMENT AND SIDEWALKS AND COMPLY WITH CITY OF LAS VEGAS STANDARDS.
- IF EXISTING NATIVE MATERIALS IS USED IN LIEU OF TYPE 1, THE CONTRACTOR SHALL INSTALL A LEVELING COURSE OF TYPE 2 BASE UNDER ALL SIDEWALK AND CURB AND GUTTER. THE USE OF NATIVE MATERIALS IN LIEU OF TYPE 1, SHALL BE APPROVED BY THE CITY OF LAS VEGAS. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE THE USE OF NATIVE MATERIALS AS A SUBSTITUTE FOR TYPE 1.

ESTIMATE OF QUANTITIES

STREET IMPROVEMENTS:

3" A.C. PAVEMENT WITH 4" TYPE 2 GRAVEL BASE	2541 SY
2" A.C. PAVEMENT WITH 4" TYPE 2 GRAVEL BASE	1068 SY
2' "L" TYPE CURB & GUTTER WITH 6" TYPE 2 GRAVEL BASE	1603 LF
5' CONCRETE SIDEWALK WITH 5" TYPE 2 GRAVEL BASE	6215 SF
CONCRETE DRIVEWAY WITH 8" TYPE 2 GRAVEL BASE	2160 SF
CONCRETE CROSS GUTTER	1744 SF

WATER:

STD. FH WITH 6" GATE VALVE & 6" P.V.C. LAT.	3 EA
8" P.V.C. WATER	672 LF
6" P.V.C. WATER	416 LF
6" GATE VALVE WITH VALVE BOX & COVER	2 EA
1" SERVICE LATERAL	18 EA
METER BOX	18 EA
6" TAPPING TEE WITH 6" GATE VALVE	1 EA
8" x 6" REDUCER	1 EA
2" BLOW-OFF ASSEMBLY	2 EA

SEWER:

STANDARD MANHOLE	6 EA
8" P.V.C. SEWER	1127 LF
4" P.V.C. LATERAL	658 LF
10" P.V.C. SEWER	324 LF
SEWER CLEANOUT	36 EA

LIGHTS:

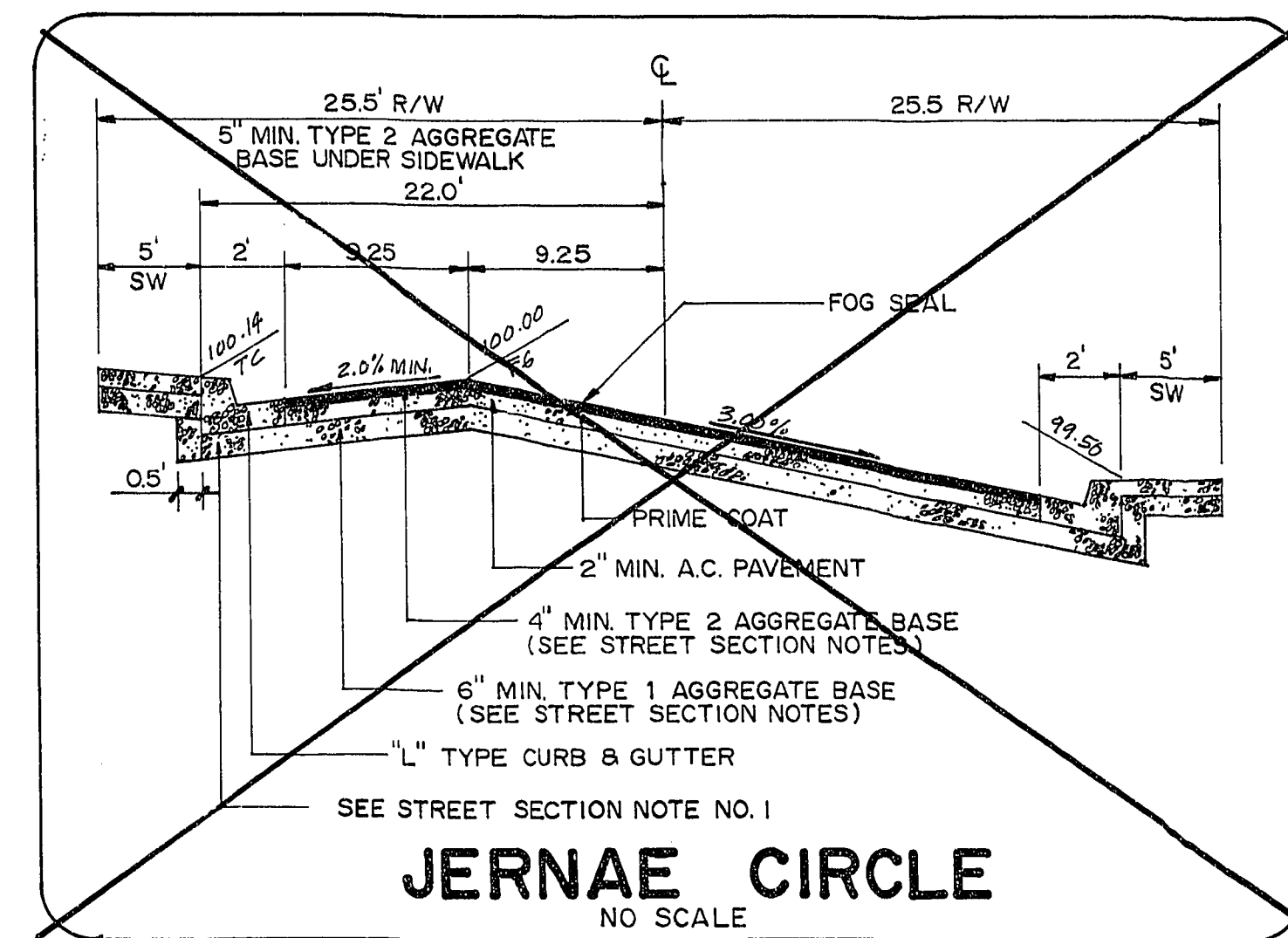
100 W HPS LUMINAIRE WITH 11 GAGE POLE	8 EA
1 1/4" PVC CONDUIT	1227 LF
NO. 3 1/2 CONC. PULL. BOX WITH METAL COVER	1 EA

MISCELLANEOUS:

STOP SIGN	3 EA
6" D-3 STREET NAME SIGN	3 EA
EXCAVATION (SEE SHEET 10)	8500 CY

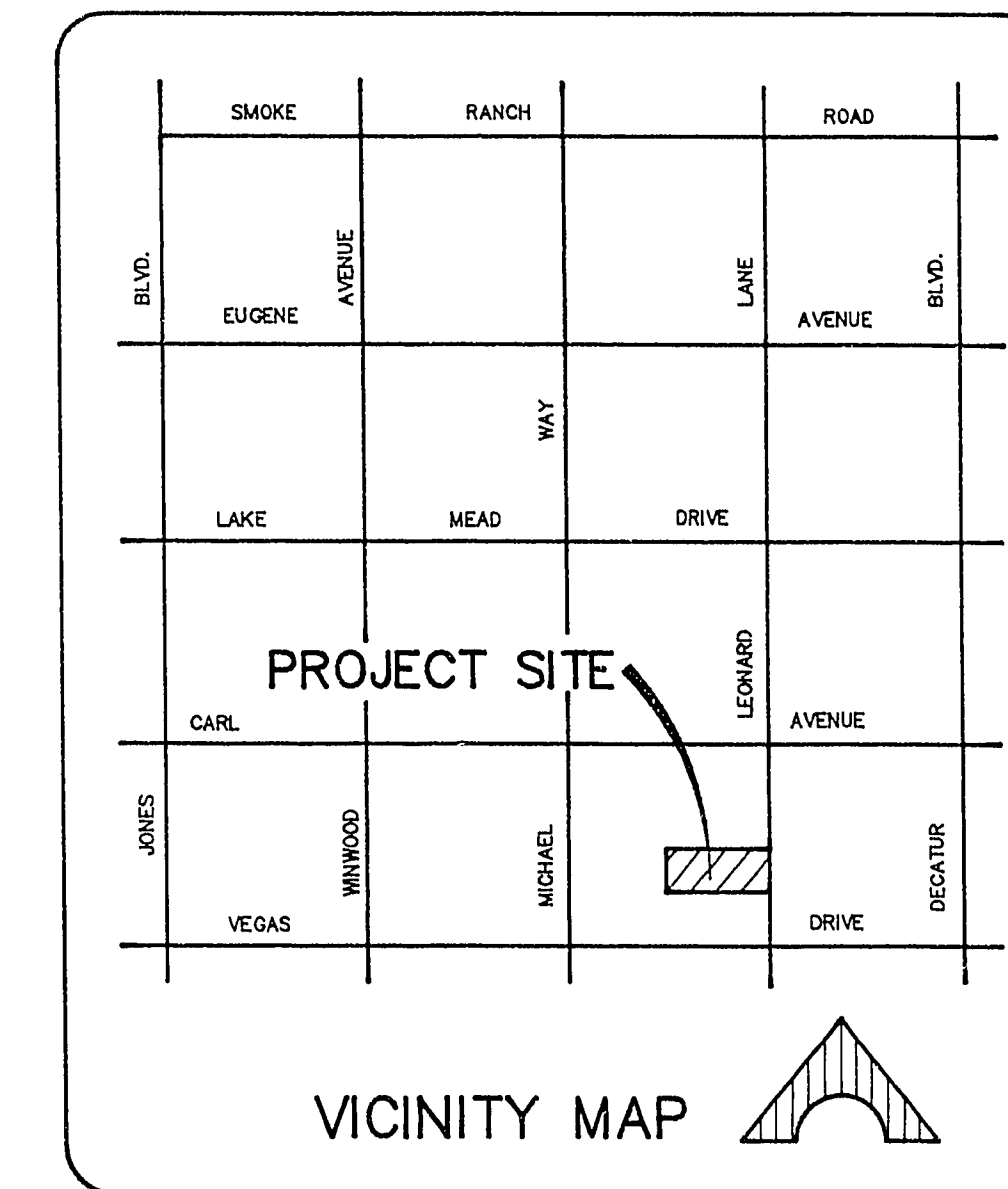
NOTE:

THE ABOVE QUANTITIES SHOWN ARE ESTIMATES ONLY AND ARE INTENDED TO ILLUSTRATE THE SCOPE OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE EXACT QUANTITIES INVOLVED.



BENCHMARK CLV #2LV00 25NNE6

RIVET AND PLATE IN TOP OF CURB, SOUTH SIDE OF VEGAS DRIVE AT LEONARD LANE.
ELEV. = 2222.17 1929 DATUM



INDEX OF DRAWINGS

- COVER SHEET
- INDEX, QUANTITIES AND MISC.
- UTILITY PLAN
- MARIETTA AVENUE
- LEONARD LANE
- JERNAE CIR. & TRIPP COURT
- GRADING PLAN

DEVIATIONS FROM STANDARDS

	SHEET NO.
1) OFFSET CROWN ON LEONARD LANE	5
2) OFFSET CROWN ON JERNAE CIRCLE	6
3) APPROACH GRADE IN CROSS GUTTER	4
4) APPROACH GRADE IN CROSS GUTTER (JERNAE CIR.)	6
5) APPROACH GRADE IN CROSS GUTTER (TRIPP CT)	6

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 deviation other than those listed in "Deviations from Standards" in favor of the Uniform Standards Drawings and Specifications Clark County Area Nevada.

[Signature]
CLV ENGINEER
DENNIS ANDERSON, PE.
DATE: 11-9-95

REVISIONS:

REV.	DATE	DESCRIPTION

RECOMMENDED BY: *[Signature]*
DATE: 11/31/95
PROJECT NO. 3794
R.E. NO. 255-6242

DeLUNA, INC.
ENGINEERING • PLANNING • SURVEYING •
7310 SMOKE RANCH RD., SUITE T, LAS VEGAS, NEVADA 89128, (702) 255-6242

SHEET CONTENTS:
KAY L. DIXON PROPERTIES
DIXON ESTATES
INDEX, QUANTITIES AND MISC.

SHEET 2 OF 7 SHEETS

9418

11-26-63

107Y-4432