# IMPROVEMENT PLANS
## FOR
# LAMPLIGHT VILLAGE UNIT FIVE
## AT CENTENNIAL SPRINGS
## CITY OF LAS VEGAS, NEVADA
## A PORTION OF APN 125-16-501-002

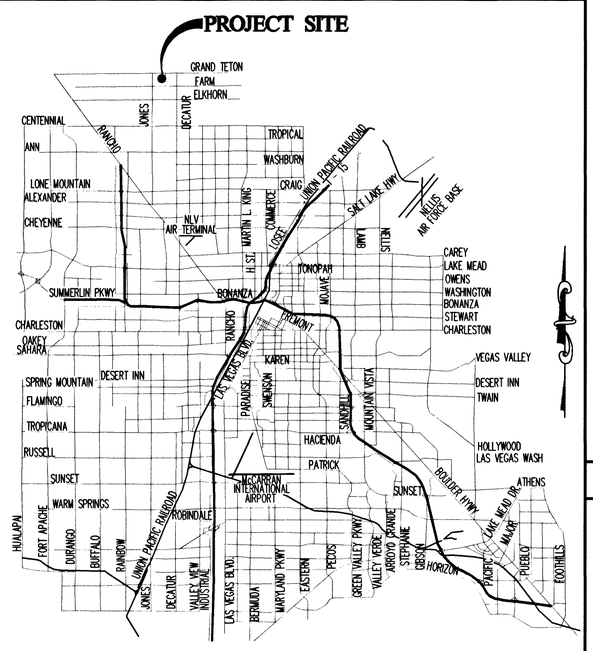
### MANHOLE SCHEDULE

| M.H.# | I.D. | TYPE | STATIONS | OFFSET | STATIONS | OFFSET | N. INV. EL. | S. INV. EL. | W. INV. EL. | E. INV. EL. |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 48" | STANDARD | 16+13.88 (W-E) | 5.0' RT | 09+93.96 (S-N) | 5.0' RT | 2457.76 | – | 2457.76 | 2457.56 |
| 2 | 48" | STANDARD | 17+71.65 (W-E) | 5.0' RT | 09+15.18 (S-N) | 5.0' RT | 2452.87 | – | 2452.87 | 2452.67 |
| 3 | 48" | STANDARD | 12+91.69 (S-N) | 5.0' RT | – | – | – | 2456.96 | – | – |
| 4 | 48" | STANDARD | 12+92.38 (S-N) | 5.0' RT | – | – | – | 2471.09 | – | – |
| 5 | 48" | STANDARD | 09+12.24 (W-E) | 5.0' LT | – | – | – | – | – | 2472.27 |
| 6 | 48" | STANDARD | 12+31.39 (W-E) | 5.0' LT | 13+23.63 (S-N) | 5.0' RT | – | 2466.71 | 2466.91 | 2466.71 |
| 7 | 48" | STANDARD | 14+57.56 (W-E) | 5.0' LT | 13+31.79 (W-E) | 5.0' LT | – | 2460.99 | 2461.19 | 2460.99 |
| 8 | 48" | STANDARD | 18+49.83 (W-E) | 5.0' LT | 13+31.97 (S-N) | 5.0' RT | – | 2449.78 | 2449.98 | 2449.78 |
| 9 | 48" | STANDARD | 20+72.59 (W-E) | 5.0' LT | 13+31.74 (S-N) | 5.0' RT | – | 2443.48 | 2443.68 | 2443.68 |
| 10 | 48" | STANDARD | 21+55.75 (W-E) | 5.0' LT | – | – | – | – | 2444.52 | – |

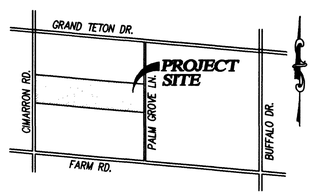
### LEGEND

| | PROPOSED | EXISTING |
|---|---|---|
| DESIGN ELEVATION | 10.00 | |
| EXISTING ELEVATION | | (10.00) |
| SCARP (SLOPE VARIES) | | |
| EXISTING CONTOUR (1' INTERVAL) | | |
| EXISTING CONTOUR (5' INTERVAL) | | |
| DIRECTION OF FLOW | 0.00% | |
| RETAINING WALL | | |
| CENTERLINE | | |
| RIGHT-OF-WAY | | |
| CUT LINE-ASPHALT | | |
| EASEMENT | | |
| ROUGH GRADE HINGE LINE | | |
| LOT NUMBER & BLOCK NUMBER | 1 (1) | |
| 22.5° 8" WATER LINE BEND | | |
| 45° 8" WATER LINE BEND | | |
| 8" WATER LINE TEE | | |
| 8" WATER LINE GATE VALVE | | |
| FIRE HYDRANT ASSEMBLY | | |
| SANITARY SEWER MANHOLE | | |
| DIRECTION OF SEWER FLOW | | |
| 8" WATER LINE | | |
| 8" SEWER LINE | | |
| 150 W HPS STREET LIGHT | | |
| 1Ø1/4" ST. LT. CONDUIT | | |
| 8" YELLOW TYPE I CENTERLINE | | |
| 6" SOLID WHITE EDGE LINE | | |
| SIGN WITH POST | | |

### VICINITY MAP




### KEY MAP




### APPROVAL SIGNATURES

CITY ENGINEER – CHARLES KAJKOWSKI PE # 4784 — DATE 9-30-02

APPROVAL OF THESE PLANS BY THE CITY ENGINEER IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHT-OF-WAY, AN/OR CONSTRUCTION OF ANY IMPROVEMETNS THAT DEVIATED FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS EXCEPT THOSE SPCIFICALLY LISTED UNDER DEVIATIONS FROM STANDARDS. THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN DEVIATIONS FROM STNADARD IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS CLARK COUNTY AREA NEVADA.

M. MARGO WHEELER, CURRENT PLANNING MANAGER, AICP — DATE 9-27-02

THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING AND DEVELOPMENT DEPARTMENT

LAS VEGAS VALLEY WATER DISTRICT 1, 2, 6, 7 — DATE

CITY OF LAS VEGAS FIRE DEPARTMENT — DATE 8.30.02

SOUTHWEST GAS — DATE 9/16/02

SPRINT TELEPHONE – NEVADA — DATE 9/17/02

THE AFFIXED SPRINT NEVADA APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS.

NEVADA POWER COMPANY — DATE 9/16/02

THIS APPROVAL IS ONLY FOR THE PLACEMENT AND CLEARANCE OF STREETLIGHT AND SIGNAL LIGHT INSTALLATIONS.

NEVADA POWER COMPANY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NEVADA POWER COMPANY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

COX COMMUNICATIONS LAS VEGAS INC. — DATE 9/17/02

### INDEX OF SHEETS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| 4. | GP2 | GRADING PLAN – EAST |
| 5. | GDD | GRADING DETAILS |
| 6. | UT1 | UTILITY PLAN – WEST |
| 7. | UT2 | UTILITY PLAN – EAST |
| 8. | PP1 | ST. PLAN & PROFILE – EVENING SHADE AVE. (W) 11+37 – 17+00 |
| 9. | PP2 | ST. PLAN & PROFILE – EVENING SHADE AVE. (E) 17+00 – 22+43 |
| 10. | PP3 | ST. PLAN & PROFILE – KASSIDI LAKE AVE. (W) 9+02.24 – 15+50.00 |
| 11. | PP4 | ST. PLAN & PROFILE – KASSIDI LAKE AVE. (E) 15+50.00 – 21+65.75 |
| 12. | PP5 | ST. PLAN & PROFILE – BRILLIANT FOREST ST. 9+81.91 – 13+47.33 |
| | | ST. PLAN & PROFILE – WHISPERING RIVER ST. 9+80.87 – 13+47.10 |
| 13. | PP6 | ST. PLAN & PROFILE – GOLDEN RIDGE ST. 9+80.94 – 13+46.87 |
| | | ST. PLAN & PROFILE – CAMERON GROVE ST. 9+80.94 – 13+46.67 |
| 14. | PP7 | ST. PLAN & PROFILE – HIDDEN GAZEBO ST. 9+80.94 – 13+46.43 |
| | | ST. PLAN & PROFILE – NATURE'S SONG ST. 9+80.94 – 13+46.20 |
| 15. | PP8 | OFF SITE ST. PLAN & PROFILE – CIMARRON RD. |
| 16. | PP9 | OFF SITE ST. PLAN & PROFILE – PALM GROVE LN. |
| 17. | TP1 | TRAFFIC & ST. LIGHT PLAN – WEST |
| 18. | TP2 | TRAFFIC & ST. LIGHT PLAN – EAST |


### ENGINEER

TANEY ENGINEERING COMPANY
4445 S. JONES BOULEVARD, SUITE #1
LAS VEGAS, NV 89103
(702) 362-8844 PHONE (702) 362-5233 FAX

### DEVELOPER/OWNER

CARINA CORPORATION
MARK DOPPE
2881 BUSINESS PARK COURT, STE. 210
LAS VEGAS, NEVADA 89128
(702) 228-6367 PHONE: (702) 228-6002 FAX

### ABBREVIATIONS

| | | | |
|---|---|---|---|
| AC | ASPHALTIC CONCRETE | RT | RIGHT |
| BC | BACK OF CURB | R/W | RIGHT-OF-WAY |
| BCR | BACK OF CURB RADIUS | SS | SANITARY SEWER |
| BVC | BEGINNING OF VERTICAL CURVE | SW | SIDEWALK |
| BM | BENCH MARK | STA | STATION |
| CATV | CABLE TELEVISION | SD | STORM DRAIN |
| CL | CENTERLINE | STD | STANDARD |
| CBC | CITY OF BOULDER CITY | SL | STREETLIGHT |
| CC | CLARK COUNTY | TC | TOP OF CURB |
| CO | CLEAN OUT | TYP | TYPICAL |
| CY | CUBIC YARD | TEL | TELEPHONE |
| DI | DROP INLET | UG | UNDERGROUND |
| DG | DESIGN GRADE | VG | VALLEY GUTTER |
| EP | EDGE OF PAVEMENT | VCP | VITRIFIED CLAY PIPE |
| EC | END OF CURVE | W | WATER |
| ELEC | ELECTRICAL | WM | WATER METER |
| EX | EXISTING | | |
| FG | FINISH GRADE | | |
| FF | FINISH FLOOR ELEVATION | | |
| FT | FEET | | |
| FH | FIRE HYDRANT | | |
| FL | FLOW LINE | | |
| GB | GRADE BREAK | | |
| HP | HIGH POINT | | |
| INV | INVERT | | |
| LFF | LOWER FINISH FLOOR ELEVATION | | |
| LF | LINEAR FEET | | |
| LVVWD | LAS VEGAS VALLEY WATER DISTRICT | | |
| MH | MANHOLE | | |
| MAX | MAXIMUM | | |
| MIN | MINIMUM | | |
| NTS | NOT TO SCALE | | |
| OH | OVERHEAD | | |
| PI | POINT OF INTERSECTION | | |
| PRC | POINT OF REVERSE CURVE | | |
| PC | POINT OF CURVE | | |
| PT | POINT OF TANGENCY | | |
| PCC | POINT OF COMPOUND CURVE | | |
| PP | POWER POLE | | |
| PL | PROPERTY LINE | | |
| PB | PULL BOX | | |
| R | RADIUS | | |
| RCB | REINFORCED CONCRETE BOX | | |
| RCP | REINFORCED CONCRETE PIPE | | |

Call Two Working Days Before You Dig!
Dig | Safely. Dig | Safety
1-800-227-2600

### BASIS OF BEARING

N00°13'34"E – BEING THE WEST LINE OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 16, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., COUNTY OF CLARK, STATE OF NEVADA, AS SHOWN ON THE FINAL MAP OF LAMPLIGHT VILLAGE AT CENTENNIAL SPRINGS UNIT 2 RECORDED IN BOOK 98 ON PAGE 63, OFFICIAL RECORDS OF SAID COUNTY.
75148

### LEGAL DESCRIPTION

THE SOUTH HALF (S1/2) OF THE SOUTH HALF (S1/2) OF THE NORTHWEST QUARTER (NW1/4) OF THE NORTHEAST QUARTER (NE1/4) OF SECTION 16, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA.

### BENCHMARK

CITY OF LAS VEGAS BENCH MARK – BLV90-16C4
RIVET AND PLATE IN TOP OF CURB AT SW CORNER OF FARM AND CIMARRON

NAVD88 ELEVATION= 754.2098 METERS
(2474.44 FT)

### UTILITY DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATIONS.
CALL BEFORE YOU DIG: 1-800-227-2600
CALL BEFORE YOU OVERHEAD: 1-702-593-6111

| NO. | DESCRIPTION | BY | DATE | APPR. |
|---|---|---|---|---|
| | REVISIONS | | | |


CARINA CORPORATION
2881 BUSINESS PARK COURT, SUITE 210
LAS VEGAS, NEVADA 89128
(702) 228-6367 FAX:(702) 228-6002

TANEY ENGINEERING
4445 S. JONES BLVD. SUITE #1
LAS VEGAS, NV 89103
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LAMPLIGHT VILLAGE UNIT FIVE
AT CENTENNIAL SPRINGS

COVER SHEET

EDWARD F. TANEY
CIVIL
No. 9905
REGISTERED PROFESSIONAL ENGINEER
STATE OF NEVADA
8.30.02
ENGINEER'S SEAL

DATE: 12-01
SCALE: N.T.S.
JOB NO: CRN-00-001
DESIGNED BY: EFT
DRAWN BY: EFT/OGS
SHEET NAME: C1
SHEET: 1077-4642-5
1 OF 18