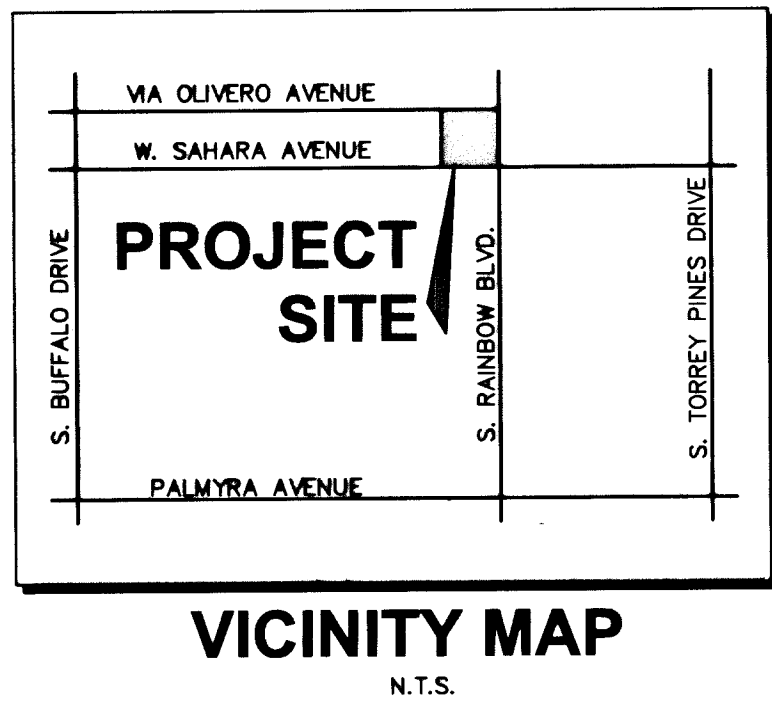
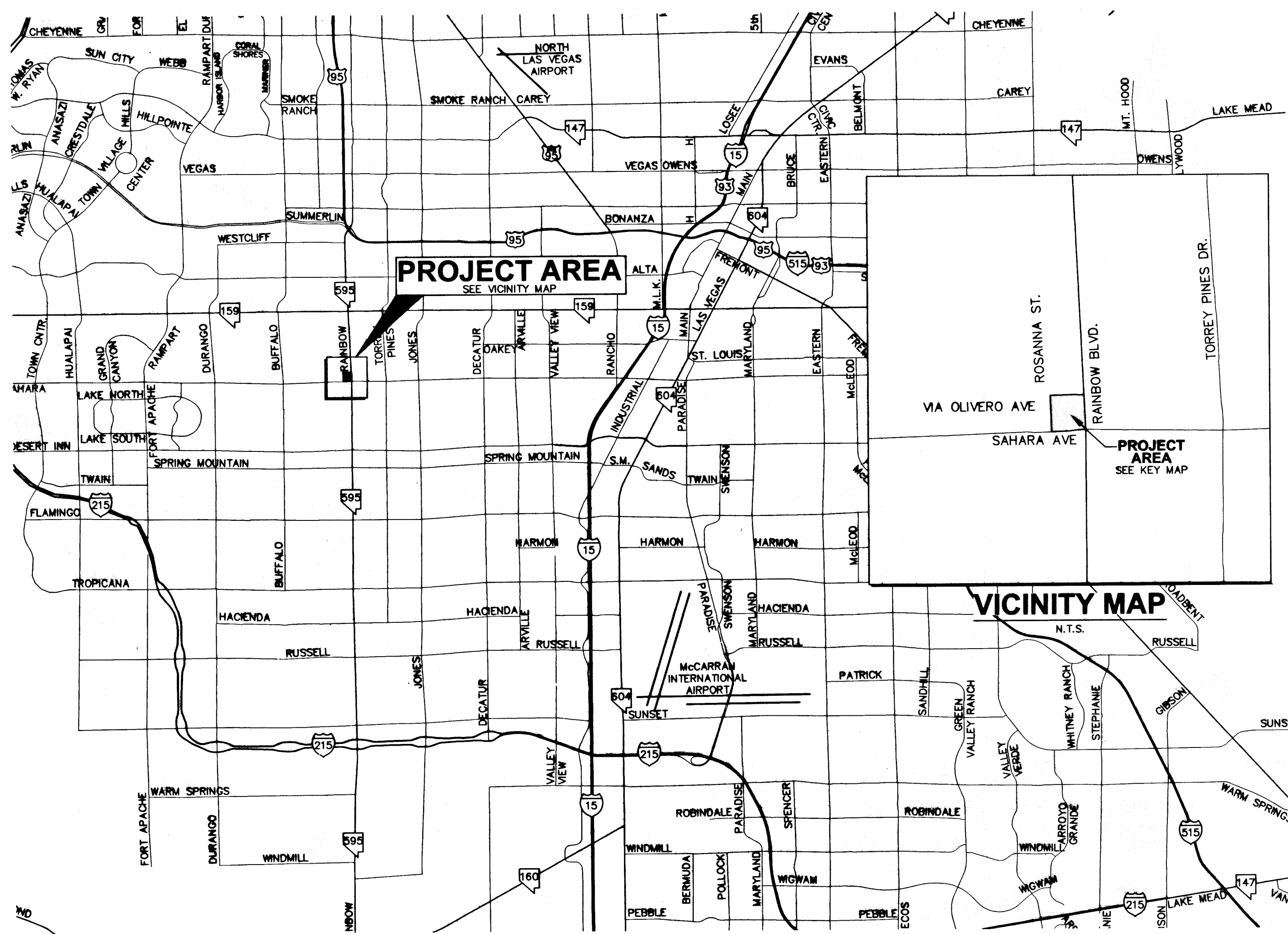


# EXPANSION PROJECT FOR AUTONATION-DESERT BMW OF LAS VEGAS

BEING THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHEAST  
QUARTER (SE 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF  
SECTION 3, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.M.,  
CITY OF LAS VEGAS, CLARK COUNTY, NEVADA  
APN #163-03-806-010



## ABBREVIATIONS:

|                                                                                    |                                                                                            |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| AND<br>DIAMETER OR ROUND<br>NUMBER                                                 | HOR<br>HORIZONTAL                                                                          |
| ADJ<br>ADJUST                                                                      | ID<br>INSIDE DIAMETER                                                                      |
| AGG<br>AGGREGATE                                                                   | IRR<br>IRRIGATION                                                                          |
| ALT<br>ALTERNATE                                                                   | INV<br>INVERT                                                                              |
| ASB<br>ASBESTOS CEMENT PIPE                                                        | LS<br>LANDSCAPE                                                                            |
| AC<br>ASPHALTIC CONCRETE                                                           | LVWD<br>LAS VEGAS VALLEY WATER                                                             |
| AVE<br>AVENUE                                                                      | DISTRICT                                                                                   |
| BC<br>BACK OF CURB                                                                 | LAT<br>LATERAL                                                                             |
| BSW<br>BACK OF SIDEWALK                                                            | LF<br>LINEAL FEET                                                                          |
| BEG<br>BEGIN                                                                       | LT<br>LEFT                                                                                 |
| BCR<br>BEGINNING OF CURB RETURN                                                    | MH<br>MANHOLE                                                                              |
| BVC<br>BEGINNING OF VERTICAL CURVE                                                 | MAX<br>MAXIMUM                                                                             |
| BM<br>BENCHMARK                                                                    | MIN<br>MINIMUM                                                                             |
| BTWN<br>BETWEEN                                                                    | NO<br>NATURAL GRADE                                                                        |
| BDRY<br>BOUNDARY                                                                   | NDOT<br>NEVADA DEPARTMENT OF<br>TRANSPORTATION                                             |
| CATV<br>CABLE TV                                                                   | NO<br>NUMBER                                                                               |
| CP<br>CAST IRON PIPE                                                               | OC<br>ON CENTER                                                                            |
| CL<br>CENTERLINE                                                                   | OD<br>OUTSIDE DIAMETER                                                                     |
| CBC<br>CITY OF BOULDER CITY                                                        | OHP<br>OVERHEAD POWER                                                                      |
| CLV<br>CITY OF LAS VEGAS                                                           | PVMT<br>PAVEMENT                                                                           |
| COH<br>CITY OF HENDERSON                                                           | PC<br>POINT OF CURVATURE                                                                   |
| COM<br>CITY OF MESQUITE                                                            | PCC<br>POINT OF COMPOUND CURVE                                                             |
| CCO<br>CLARK COUNTY                                                                | POC<br>POINT OF CONNECTION                                                                 |
| CCOCD<br>CLARK COUNTY REGIONAL FLOOD<br>CONTROL DISTRICT                           | PI<br>POINT OF INTERSECTION                                                                |
| CCSD<br>CLARK COUNTY SANITATION<br>DISTRICT                                        | PRC<br>POINT OF REVERSE CURVE                                                              |
| CCAUSD<br>CLARK COUNTY AREA UNIFORM<br>STANDARD DRAWINGS                           | PT<br>POINT OF TANGENT                                                                     |
| CO<br>CLEAN OUT                                                                    | PVI<br>POINT OF VERTICAL INTERSECTION                                                      |
| COMU<br>CONCRETE MASONRY UNIT                                                      | PVC<br>POLY VINYL CHLORIDE PIPE                                                            |
| COND<br>CONCRETE                                                                   | POLYETHYLENE                                                                               |
| CONST<br>CONSTRUCT                                                                 | PP<br>POWERLINE                                                                            |
| CMP<br>CORRUGATED METAL PIPE                                                       | PROP<br>PROPOSED                                                                           |
| C & G<br>CURB AND GUTTER                                                           | PB<br>PULL BOX                                                                             |
| DC<br>DEPRESSED CURB                                                               | R<br>RADIUS                                                                                |
| DCSWCS<br>DESIGN AND CONSTRUCTION<br>STANDARDS FOR WASTEWATER<br>COLLECTION SYSTEM | RR<br>RATE OF FLOW                                                                         |
| DIA<br>DIAMETER                                                                    | ROR<br>RAILROAD                                                                            |
| DOM<br>DOMESTIC                                                                    | RCB<br>REINFORCED CONCRETE BOX                                                             |
| DWY<br>DRAINAGE                                                                    | RCR<br>REINFORCED CONCRETE PIPE                                                            |
| DMH<br>DROP MANHOLE                                                                | RT<br>RIGHT                                                                                |
| DIP<br>DUCTILE IRON PIPE                                                           | ROW<br>RIGHT-OF-WAY                                                                        |
| ESMT<br>EACH WAY                                                                   | RD<br>ROAD                                                                                 |
| EAC<br>EDGE OF AC                                                                  | SS<br>SANITARY SEWER                                                                       |
| EOP/EP<br>EDGE OF PAVEMENT                                                         | SHT<br>SHEET                                                                               |
| E<br>ELEVATION                                                                     | SDWK<br>SIDEWALK                                                                           |
| EL<br>ELECTRIC                                                                     | SNWA<br>SOUTHERN NEVADA WATER                                                              |
| EM<br>END OF CURB                                                                  | STA<br>STATION                                                                             |
| ECR<br>END OF CURB RETURN                                                          | STD<br>STANDARD                                                                            |
| ECD<br>END DRIVEWAY                                                                | STD<br>STANDARD                                                                            |
| EVC<br>END OF VERTICAL CURVE                                                       | ST<br>STREET                                                                               |
| EX<br>EXISTING                                                                     | T<br>TELEPHONE                                                                             |
| FOC<br>FACE OF CURB                                                                | TC<br>TOP OF CURB                                                                          |
| FF<br>FINISH FLOOR                                                                 | TF<br>TOP OF FOOTING                                                                       |
| FG<br>FINISH GRADE                                                                 | TMH<br>TOP OF MANHOLE                                                                      |
| FSR<br>FINISHED SURFACE                                                            | TW<br>TOP OF WALL                                                                          |
| FH<br>FIRE HYDRANT                                                                 | TSC<br>TRAFFIC SIGNAL CONDUIT                                                              |
| FL<br>FLOW LINE                                                                    | TRANS<br>TRANSITION                                                                        |
| FBC<br>FUTURE BACK OF CURB                                                         | TRYP<br>TYPICAL                                                                            |
| GALV<br>GALVANIZED                                                                 | UDACS<br>UNIFORM DESIGN AND<br>CONSTRUCTION STANDARDS<br>FOR WATER DISTRIBUTION<br>SYSTEMS |
| GAS<br>GAS                                                                         | UG<br>UNDERGROUND                                                                          |
| GB<br>GRADE BREAK                                                                  | VC<br>VERTICAL CURVE                                                                       |
| GR<br>GRATE                                                                        | VERT<br>VERTICAL                                                                           |
| H<br>HIGH OR HEIGHT                                                                | VWD<br>VALLEY WATER DISTRICT                                                               |
| HDPE<br>HIGH DENSITY POLYETHYLENE                                                  | VCP<br>VITRIFIED CLAY PIPE                                                                 |
| HP<br>HIGH POINT                                                                   | WL<br>WATER LINE                                                                           |
| HPS<br>HIGH PRESSURE SODIUM                                                        | WM<br>WATER METER                                                                          |
|                                                                                    | W/O<br>WITHOUT                                                                             |

## ESTIMATED QUANTITIES:

QUANTITIES SHOWN ARE PROVIDED FOR ENTITY PURPOSES ONLY. CONTRACTOR  
SHALL BE RESPONSIBLE TO VERIFY ACTUAL QUANTITIES FOR BIDDING PURPOSES.

### PRIVATE IMPROVEMENTS:

| DESCRIPTION                        | QUANTITY | UNIT |
|------------------------------------|----------|------|
| 4" SEWER                           |          | LF   |
| 6" SEWER                           |          | LF   |
| 8" SEWER                           |          | LF   |
| SEWER MANHOLES UNDER 6 FEET        |          | EA   |
| SEWER MANHOLE 6 TO 8 FEET          |          | EA   |
| SEWER MANHOLE 8"                   |          | EA   |
| SEWER MANHOLES ADJUSTMENTS         |          | EA   |
| 6" WATER MAIN                      |          | LF   |
| 8" WATER MAIN                      |          | LF   |
| 10" WATER MAIN                     |          | LF   |
| 12" WATER MAIN                     |          | LF   |
| WATER MAIN MISCELLANEOUS           |          | EA   |
| WATER SERVICE TO LOTS              |          | EA   |
| FIRE HYDRANT                       |          | EA   |
| FIRE HYDRANT RELOCATION            |          | EA   |
| CURB & GUTTER (TYPE "L" & "A")     |          | LF   |
| CROSS GUTTER (ROLL TYPE)           |          | SF   |
| CROSS GUTTER                       |          | SF   |
| DRIVEWAY COMMERCIAL                |          | SF   |
| DRIVEWAY RESIDENTIAL               |          | SF   |
| SIDEWALK 4"                        |          | SF   |
| SIDEWALK 5"                        |          | SF   |
| SIDEWALK RAMP                      |          | EA   |
| SIDEWALK UNDERDRAIN                |          | EA   |
| TYPE II GRAVEL BASE                |          | CY   |
| TYPE II GRAVEL BASE                |          | CY   |
| 2" ASPHALTIC CONCRETE PAVING       |          | SY   |
| 3" ASPHALTIC CONCRETE PAVING       |          | SY   |
| 4" ASPHALTIC CONCRETE PAVING       |          | SY   |
| 5" ASPHALTIC CONCRETE PAVING       |          | SY   |
| 6" ASPHALTIC CONCRETE PAVING       |          | SY   |
| OPEN GRADE                         |          | SY   |
| PULLBOX                            |          | EA   |
| STREETLIGHT (STANDARD BASE)        |          | EA   |
| STREETLIGHT (BREAKAWAY BASE)       |          | EA   |
| SURVEY MONUMENTS                   |          | EA   |
| FLOOD CONTROL MISCELLANEOUS        |          | LS   |
| EXCAVATION & EMBANKMENT            |          | CY   |
| TRAFFIC SIGNAL MISC                |          | LF   |
| STREET/STOP SIGNS                  |          | EA   |
| CABLE TO LOTS (RES SUBDIV ONLY)    |          | EA   |
| GAS TO LOTS (RES SUBDIV ONLY)      |          | EA   |
| PHONE TO LOTS (RES SUBDIV ONLY)    |          | EA   |
| POWER TO LOTS (RES SUBDIV ONLY)    |          | EA   |
| MISCELLANEOUS                      |          | EA   |
| CURB & GUTTER (TYPE "L" & "A") PVT |          | LF   |
| CROSS GUTTER (ROLL TYPE) PVT       |          | LF   |
| CROSS GUTTER (PVT)                 |          | SF   |
| TYPE II GRAVEL BASE (PVT)          |          | CY   |
| TYPE II GRAVEL BASE (PVT)          | 850      | CY   |
| 2" ASPHALTIC CONCRETE PAVING       | 8237     | CY   |
| EXCAVATION & EMBANKMENT (PVT)      |          | CY   |
| MISCELLANEOUS (PRIVATE) 3" AC      | 2350     | SY   |

## APPROVALS:

*Jorge Cervantes*  
JORGE CERVANTES, P.E. #13977, P.TOE  
CITY ENGINEER  
DATE: 7/26/06

APPROVAL OF THESE PLANS IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN  
THE DEDICATED RIGHT-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 STANDARD. 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.

*W. Mario Wheeler*  
W. MARIO WHEELER, AICP, DIRECTOR OF PLANNING AND DEVELOPMENT  
DATE: 5/4/06

NOTE:  
THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING AND  
DEVELOPMENT DEPARTMENT.

*City Engineer*  
CITY ENGINEER  
DATE: 4/17/06

*Las Vegas Valley Water District*  
LAS VEGAS VALLEY WATER DISTRICT  
PROJECT #10933 (SHEETS C1.00, C1.01, C1.02, C1.03)  
DATE: 5-02-06

*Nevada Power Company*  
NEVADA POWER COMPANY  
DATE: 3/6/06

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 COMPLETE. THE NEW SERVICE AND THE  
RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA  
PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

*Southwest Gas Corporation*  
SOUTHWEST GAS CORPORATION  
DATE: 3/23/06

*Coastal Communications*  
COASTAL COMMUNICATIONS  
DATE: 3/10/06

SPRINT  
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 STATUTES AND/OR PUBLIC UTILITY  
COMMISSION RULES AND REGULATIONS.

## INDEX OF SHEETS

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| 1. COVER SHEET                           | C1.00 |
| 2. GENERAL NOTE SHEET                    | C1.01 |
| 3. DEMOLITION PLAN                       | C2.00 |
| 4. DEMOLITION PLAN                       | C2.01 |
| 5. HORIZONTAL CONTROL PLAN               | C3.00 |
| 6. HORIZONTAL CONTROL PLAN               | C3.01 |
| 7. UTILITY PLAN                          | C4.00 |
| 8. UTILITY PLAN                          | C4.01 |
| 9. GRADING PLAN                          | C5.00 |
| 10. GRADING PLAN                         | C5.01 |
| 11. RETAINING WALL PROFILE AND SECTIONS  | C6.00 |
| 12. RETAINING WALL DETAILS AND SCHEDULES | C6.01 |
| 13. DETAIL SHEET                         | C7.00 |

## DEVELOPER/OWNER:

JRJ INVESTMENTS, INC.  
C/O AUTONATION  
110 S.E. 6TH ST.  
FT. LAUDERDALE, FL 33301  
CONTACT: ROBERT F. DWORS  
PHONE: (954) 769-7152  
FAX: (954) 769-8941

## DEVIATIONS FROM STANDARD:

NONE

NOTE:  
NDOT ENCROACHMENT PERMIT REQUIRED

### BENCHMARK:

CLARK COUNTY BENCHMARK #7C10-25WS 1997  
RIVET AND ROUND ALUMINUM PLATE IN TOP OF CURB, NORTHEAST CORNER OF  
RAINBOW BLVD. AND SAHARA AVE. NEAR THE PC OF RAINBOW BLVD.  
ELEVATION = 729.274 METERS (2392.61 FEET NAVD83)

### BASIS OF BEARINGS:

SOUTH 87°31'38" WEST, BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER OF THE  
SOUTHEAST QUARTER OF SECTION 3, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.M.,  
CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON FILE IN FILE 128 OF  
SURVEYS, PAGE 46, CLARK COUNTY OFFICIAL RECORDS.

Call before you dig

1-702-455-7511

CLARK COUNTY OFFICIAL RECORDS

Call before you dig

1-702-229-6611

CLARK COUNTY OFFICIAL RECORDS

Call before you dig

1-702-593-6111

CLARK COUNTY OFFICIAL RECORDS

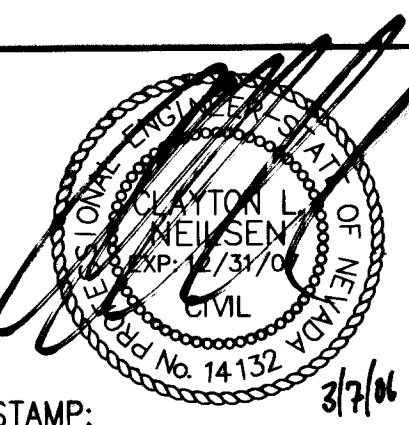
|                   |               |                 |                         |
|-------------------|---------------|-----------------|-------------------------|
| CL OR SURVEY LINE | EASEMENT LINE | HEAVY AC PV.    | MANHOLES & DESCRIPTIONS |
| PROPERTY LINE     | SAWCUT LINE   | LIGHT AC PV.    | ① = SANITARY SEWER      |
| ROW LINE          | SCARP LINE    | HEAVY CONC. PV. | ② = STORM DRAIN         |
|                   |               | LIGHT CONC. PV. | ③ = ELECTRICAL          |
|                   |               |                 | ④ = TELEPHONE           |

| MANHOLES & DESCRIPTIONS |                  | CAP | DESCRIPTION: | BO VALVE | CLEAN OUT |
|-------------------------|------------------|-----|--------------|----------|-----------|
| S                       | = SANITARY SEWER |     |              |          |           |
| D                       | = STORM DRAIN    |     |              |          |           |
| E                       | = ELECTRICAL     |     |              |          |           |
| T                       | = TELEPHONE      |     |              |          |           |
|                         |                  | [   | EXISTING:    | ⌋        | ○         |
|                         |                  |     | PROPOSED:    | ⌋        | ●         |

|                 |                 |               |                |                |       |        |                       |       |
|-----------------|-----------------|---------------|----------------|----------------|-------|--------|-----------------------|-------|
| 5' CONTOUR LINE | 1' CONTOUR LINE | EDGE OF PVMT. | "A" TYPE CURBS | "L" TYPE CURBS | WALLS | FENCES | SPOT ELEVATIONS       | SIGNS |
| ---(2210)---    | ---2211---      | ---           | ---            | ---            | ---   | ---    | (12.34)<br>(12.34) BC | ---   |
| ---             | ---             | ---           | ---            | ---            | ---   | ---    | ---                   | ---   |

|                 |                 |               |                |                |       |        |                       |       |
|-----------------|-----------------|---------------|----------------|----------------|-------|--------|-----------------------|-------|
| 5' CONTOUR LINE | 1' CONTOUR LINE | EDGE OF PVMT. | "A" TYPE CURBS | "L" TYPE CURBS | WALLS | FENCES | SPOT ELEVATIONS       | SIGNS |
| ---(2210)---    | ---2211---      | ---           | ---            | ---            | ---   | ---    | (12.34)<br>(12.34) BC | ---   |
| ---             | ---             | ---           | ---            | ---            | ---   | ---    | ---                   | ---   |

|                 |                 |               |                |                |       |        |                       |       |
|-----------------|-----------------|---------------|----------------|----------------|-------|--------|-----------------------|-------|
| 5' CONTOUR LINE | 1' CONTOUR LINE | EDGE OF PVMT. | "A" TYPE CURBS | "L" TYPE CURBS | WALLS | FENCES | SPOT ELEVATIONS       | SIGNS |
| ---(2210)---    | ---2211---      | ---           | ---            | ---            | ---   | ---    | (12.34)<br>(12.34) BC | ---   |
| ---             | ---             | ---           | ---            | ---            | ---   | ---    | ---                   | ---   |



STAMP:

ADD DOMESTIC WATERLINE  
ADD STAIR DETAILS/REVISE  
ROUND ABOUT ENTRANCE AND STAIRS

REVISIONS:

WELLES PUGLEY  
ARCHITECTS L.L.P.

ARCHITECT:

AUTONATION - DESERT BMW OF LAS VEGAS  
6900 W. SAHARA AVENUE  
LAS VEGAS, NEVADA

COVER SHEET

SHEET TITLE/PROJECT NAME:

JRJ INVESTMENT, INC. C/O AUTONATION  
110 S.E. 6TH STREET  
FT. LAUDERDALE, FL 33301

PROJECT OWNER:

MUNICIPALITY: CITY OF LAS VEGAS

STATE: NEVADA

SUBMITTAL: DESIGN REVIEW /  
ADMINISTRATIVE ADJUSTMENT

PROJECT LOCATION:

PROJECT NUMBER: WP-0504

DRAWN BY: DAZ

CHECKED BY: CLN

DATE: 3/06/2006

C1.00

SHEET: 1 OF 13

107V4667

Nevada By Design  
ENGINEERING CONSULTANTS  
3515 East Harmon Avenue  
Las Vegas, NV 89121  
Phone: (702) 888-1530 Fax: (702) 888-1530  
www.nvbydesign.com