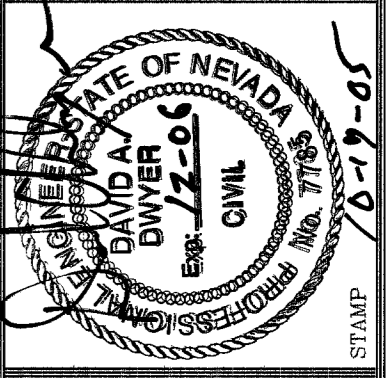


A & W BRIGHT ANGEL LLC

SE CORNER JULIANO ROAD AND BRIGHT ANGEL WAY

APN#: 125-29-602-001

Job No.	
FILE No.	
REUSE OF DOCUMENTS	
APPROVED	
REVISIONS	
NO	DATE



Dwyer Engineering Inc.
 CIVIL ENGINEERS
 7310 SMOKE RANCH ROAD, STE. E
 LAS VEGAS, NEVADA 89128
 TEL: (702) 254-2200
 FAX: (702) 254-2200

COVER SHEET AND GENERAL NOTES
A & W BRIGHT ANGEL LLC
 SE CORNER OF JULIANO ROAD AND BRIGHT ANGEL WAY
 MSM-260-04 & MSM-261-04
 CLARK COUNTY, NEVADA
 A.P.N. 125-29-602-001

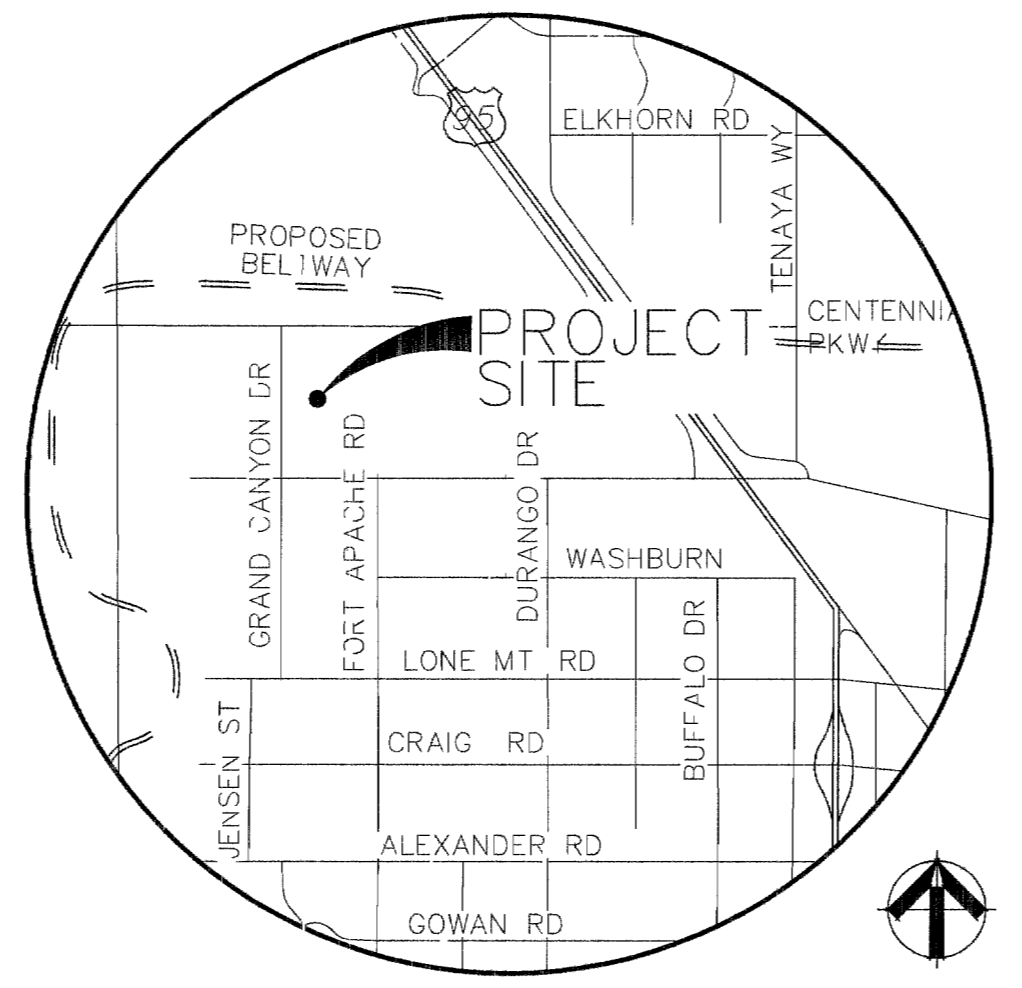
JOB No.	24751
DATE	10/18/05
VERT SCALE	N/A
HORIZ SCALE	N/A
DRAWN BY	JGR
CHECKED BY	DAD
SHEET	1 of 7

HTE 05-9127

CLW 4-3074951

GENERAL GRADING NOTES:

- ALL WORK AND MATERIALS NOT IN ACCORDANCE WITH THE LATEST UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA IS SUBJECT APPROVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
- A GRADING PERMIT IS REQUIRED UNDER ORDINANCE.
- EXCAVATING CONTRACTOR SHALL GIVE LOCATION FOR WASTING EXCESS EXCAVATION. A LETTER FROM THE OWNER GIVING PERMISSION FOR DUMPING PRIOR TO STARTING ON SITE CONSTRUCTION.
- COUNTY PUBLIC WORKS OFFICE SHALL BE NOTIFIED BEFORE ANY ON-SITE CONSTRUCTION BEGINS, PHONE 455-4610
- STAKING PAD AND/OR FINISHED FLOOR ELEVATIONS IS THE RESPONSIBILITY OF THE DEVELOPER AND HIS ENGINEER IN NON-CRITICAL AREAS; DEVELOPER'S ENGINEERS SHALL SUBMIT CERTIFICATION OF CONSTRUCTED "BUILDING PAD ELEVATION", AND COMPACTION REPORTS OF FILLS, AND FOUNDATIONS AND SLAB SUBGRADES PRIOR TO THE POURING OF CONCRETE IF IN CRITICAL DRAINAGE AREA. SUBSTITUTE BUILDING FLOOR ELEVATION IN ABOVE NOTE.
- A SEPARATE PERMIT IS REQUIRED FOR ANY OFF-SITE CONSTRUCTION.
- A GRADING AND A DRAINAGE PLAN SHALL BE ON THE JOB SITE AT ALL TIMES. DEVIATIONS ON THE PLAN MUST BE PROCEEDED BY APPROVED PLAN REVISIONS
- AS-BUILT FINISHED FLOOR ELEVATIONS SHALL BE CERTIFIED BY: DWYER ENGINEERING ENGINEER: DWYER ENGINEERING INC. ADDRESS: 7310 SMOKE RANCH ROAD, STE. E TELEPHONE NUMBER: (702)-254-2200
- ALL GRADING SHALL CONFORM TO THE SOIL REPORT: ENGINEER: JACESARE AND ASSOCIATES, INC. DATE: 08-24-2004 JOB NUMBER: 04.1202



VICINITY MAP SCALE: NONE

DEPARTMENT OF DEVELOPMENT SERVICES CIVIL ENGINEERING DIVISION NOTES

- INSPECTIONS ARE REQUIRED CALL 24 HOURS IN ADVANCE, 455-4610 YOUR PERMIT, APPROVED PLANS, AND BARRICADE PLANS FOR THIS WORK MUST BE ON THE JOB SITE AT ALL TIMES
 - EXACT LOCATION OF ALL SAW-CUT LINES SHALL BE DETERMINED IN THE FIELD BY A CLARK COUNTY INSPECTOR
 - CURB AND GUTTER WITH A GRADE OF LESS THAN 4/10 OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
 - FINAL ASPHALTIC CONCRETE (AC) PAVEMENT SURFACES SHALL BE ONE-HALF INCH (1/2) ABOVE THE LIP OF THE CUTTER (INCLUDING OPEN GRADE).
 - ALL OFF-SITE IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS AND STANDARD DRAWINGS CLARK COUNTY AREA NEVADA AND CLARK COUNTY SUPPLEMENT TO UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS, LATEST REVISION
 - PRIVATE STREETS, CURBS & GUTTER AND VALLEY GUTTERS REFLECTED ON THESE PLANS ARE TO BE INSPECTED BY A CLARK COUNTY INSPECTOR
 - WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235 EXACT LOCATION OF RAMPS SHALL BE DETERMINED IN THE FIELD BY CLARK COUNTY PUBLIC WORKS INSPECTOR
 - PROPER SIGNS, BARRIERS, BARRICADES AND LIGHTS SHALL BE PLACED AND MAINTAINED IN ACCORDANCE WITH THE LATEST "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" TRAFFIC, SCHOOL, OR STREET SIGNS OF ANY KIND ARE NOT TO BE MOVED FOR ANY REASON WITHOUT FIRST COORDINATING WITH THE DEPARTMENT OF DEVELOPMENT SERVICES, CIVIL ENGINEERING DIVISION INSPECTOR @ 455-4610
 - THIS PLAN DOES NOT AUTHORIZE CLOSURE OF ANY ROAD OR STREET
 - NO OPEN TRENCH SHALL BE ALLOWED ACROSS ANY STREET OR WITHIN TEN FEET (10') OF ANY TRAVEL-WAY, EXCEPT ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. ALL TRENCH CROSSINGS AND BACKFILL SHALL MEET THE STANDARD SPECIFICATION UNLESS OTHERWISE STATED
 - A TEMPORARY PATCH IS TO BE IN PLACE AT THE END OF EACH WORK DAY WHERE THE BACKFILL IN THE TRENCH HAS BEEN COMPLETED AND PRIOR TO OPENING THE WORK AREA BACK TO TRAFFIC AND IS TO BE MAINTAINED BY THE PERMITEE. A PERMANENT PATCH IS TO BE IN PLACE WITHIN THIRTY (30) DAYS AFTER THE INSTALLATION OF THE TEMPORARY PATCH.
 - COMPACTION TESTS ARE REQUIRED.
- PRE-DEVELOPMENT MEETING WITH DEPARTMENT OF DEVELOPMENT SERVICES, CIVIL ENGINEERING DIVISION, OFF-SITE INSPECTOR REQUIRED CONTACT CIVIL ENGINEERING INSPECTOR AT 455-4610

SEWER GENERAL NOTES

- CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN & CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY AREA, NEVADA, AS AMENDED IN ALL CASES, THESE STANDARDS SHALL SUPERSEDE THE UNIFORM STANDARD SPECIFICATIONS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATION BOOKS.
- THESE STANDARDS SHALL APPLY TO ALL CONSTRUCTION.
- SEWER MAINS ONLY TO BE Laid IN SEWER TRENCHES
- ALL LATERALS TO Laid AT NOT LESS THAN MINIMUM SLOPES AS SHOWN IN THESE STANDARDS
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS ANY ADDITIONS, DELETIONS OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CONTROLLING AGENCY AND THE ENGINEER.
- SOIL TESTING SHALL BE IN ACCORDANCE WITH SECTION 3.11 OF THESE STANDARDS.
- ALL EXFILTRATION, INFILTRATION, AIR TESTING AND TELEVISION OF LINES SHALL BE IN ACCORDANCE WITH THESE STANDARDS
- CUT SHEETS MUST BE SUBMITTED TO THE AGENCY BEFORE CONSTRUCTION WILL BE PERMITTED TO START
- ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CONTROLLING AGENCY MUST BE CLASS "A" CONTRACTORS

CLV SEWER NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATIONS
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CITY PLANNING ENGINEER.
- CHISEL "S" OR "C" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
- POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II AGGREGATE BASE.
- ALL MANHOLES IN PAVED STREETS EIGHTY (80') FOOT R/W AND LARGER, SHALL HAVE CONCRETE COLLARS STREETS LESS THAN EIGHTY (80') FOOT R/W WILL REQUIRE RETROFIT IF PAVING DOES NOT CONFORM TO CITY STANDARDS AT THE MANHOLE.
- TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO TWELVE INCH (12") DIAMETER. CONNECTIONS TO FIFTEEN INCH (15") OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES. IN LINE "S" SHALL BE USED ON LINES TWELVE INCHES (12") OR ABOVE.
- WATER MAINS SHALL BE PROTECTED IN ACCORDANCE WITH LVWD STANDARDS WHENEVER A SEWER MAIN CROSSES OVER A WATER MAIN OR THE SEWER IS LESS THAN EIGHTEEN INCHES (18") UNDER A WATER MAIN.
- ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CITY OF LAS VEGAS MUST BE STATE OF NEVADA CLASS "A" CONTRACTORS
- THE CITY OF LAS VEGAS WILL NOT ACCEPT ANY SEWER MAINS WHICH HAVE A VARIATION OF MORE THAN ONE TENTH (0.1) OF A FOOT FROM THE APPROVED CONSTRUCTION PLANS AT ANY LOCATION. SEWER MAINS FOUND TO EXCEED THIS TOLERANCE WILL HAVE TO BE REPAIRED OR REMOVED AND REPLACED TO THE SATISFACTION OF THE CITY PLANNING ENGINEER PRIOR TO ACCEPTANCE BY THE CITY OF LAS VEGAS
- INSTALLATION OF CURVED SEWERS REQUIRES SPECIAL CONSTRUCTION PROCEDURES AND INSPECTIONS. CONTACT CITY OF LAS VEGAS OFFSITE INSPECTION AND TESTING.

CLARK COUNTY TRAFFIC NOTES

- ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HEREUNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
- BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL INSTALL TEMPORARY GROUND MOUNTED STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING COUNTY STREETS IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED
- ALL CONSTRUCTION SIGNING, BARRICADEING AND PAVEMENT MARKINGS SHALL CONFORM TO THE NEVADA WORK ZONE TRAFFIC CONTROL HANDBOOK - 1986 AND TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION
- IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY REMOVAL, OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE COUNTY TRAFFIC MANAGER.
- THE DEVELOPER SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ALL PERMANENT SIGNS SHOWN ON THE PLANS. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CLARK COUNTY AREA STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL SIGN POST SHALL BE INSTALLED IN ACCORDANCE WITH CLARK COUNTY AREA STANDARDS. ALL SIGNS SHALL USE TYPE III SHEETING.
- IF A PROPOSED STREET LIGHT STANDARD IS FIELD LOCATED TO WITHIN (5) FEET OF ANY SIGN SHOWN HEREON TO BE MOUNTED ON SIGN POST, THEN CHANGE SIGN MOUNTING TO ONE ON THE STREET LIGHT STANDARD
- PRIOR TO CONSTRUCTION, THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE CURRENT PLANNING OF THE DEPARTMENT OF COMPREHENSIVE PLANNING
- ALL TRAFFIC POLE ASSEMBLIES, STEEL PEDESTALS FOR CABINETS, AND STREET LIGHT POLES SHALL BE GALVANIZED PER ASTM A.123
- ALL STREET LIGHTING INSTALLATIONS EXCEPT AS NOTED ON THE STREET LIGHTING PLANS SHALL CONFORM TO THE UNIFORM STANDARD DRAWINGS, AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, LATEST EDITION OF EACH.
- THE FOLLOWING CLARK COUNTY UNDERGROUND FACILITIES MAY BE LOCATED IN YOUR PROJECT AREA: STREET LIGHTING, TRAFFIC SIGNALS, AND FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION (F.A.S.T.) INTERCONNECT CABLE YOU MUST CONTACT CLARK COUNTY TRAFFIC MANAGEMENT DIVISION, OPERATIONS UNIT AT 455-7511 FOR LOCATIONS AT LEAST 48 HOURS PRIOR TO WORKING IN THE AREA CLARK COUNTY IS NOT A MEMBER OF CALL BEFORE YOU DIG (UNDER-GROUND SERVICE ALERT), AND A CALL TO THAT ORGANIZATION DOES NOT RELIEVE YOU OF LIABILITY FOR CLARK COUNTY FACILITIES
- IF (F.A.S.T.) INTERCONNECT CABLE POLICY IS IN EFFECT INTERCONNECT CABLE MUST BE MAINTAINED AT ALL TIMES. DEVELOPER/CONTRACTOR SHALL PROVIDE TEMPORARY OVERHEAD INTERCONNECT CABLE, WHILE PERMANENT CABLE IS BEING RELOCATED. TEMPORARY AERIAL INSTALLATION MUST BE ACCEPTABLE TO THE COUNTY TRAFFIC MANAGER AND TO (F.A.S.T.). ANY DAMAGE TO THIS CABLE IS DEEMED AN EMERGENCY BY (F.A.S.T.), CITY OF LAS VEGAS, CLARK COUNTY AND NDOT AND MUST BE REPAIRED IMMEDIATELY TO (F.A.S.T.) ACCEPTANCE. \$2500 PER DAY DAMAGES MAY BE ASSESSED AFTER 24 HOURS HAS ELAPSED FROM TIME OF BREAK OR DAMAGE.
- ALL NEW REPLACEMENT TRAFFIC SIGNAL LOOPS SHALL BE INSTALLED USING CABLE-IN-DUCT WIRING, SHALL HAVE INDEPENDENT LEAD-IN WIRES FOR EACH LOOP FROM THE CONTROLLER TO THE PULL-BOX, AND EACH LEAD-IN SHALL BE INDIVIDUALLY TAGGED
- TRAFFIC SIGNAL PEDESTRIAN HEADS SHALL BE THE L.E.D TYPE
- ELECTRICAL SERVICE POINT LOCATION(S) FOR STREET LIGHTING AND TRAFFIC SIGNALS MUST BE INDICATED ON THE PLANS. IF CONNECTING TO AN EXISTING CIRCUIT, INDICATE LOCATION OF EXISTING SERVICE POINT FOR EACH CIRCUIT
- WHEN STREET LIGHTS ARE TO BE CONNECTED TO AN EXISTING CIRCUIT, THE CONTRACTOR MUST CERTIFY THAT THE EXISTING CIRCUIT IS CAPABLE OF HANDLING THE ADDITIONAL CIRCUIT LOAD
- CLARK COUNTY RESERVES THE RIGHT TO REJECT STREET LIGHT AND TRAFFIC SIGNAL POLES AND ASSEMBLIES WHICH HAVE "STRIPPED" APPEARANCE
- PRIOR TO BEGINNING OF CONSTRUCTION, MODIFICATION, OR RELOCATION OF ANY TRAFFIC SIGNAL SYSTEM, WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION OF THE DATE THAT WORK WILL BEGIN.
- THREE (3) NORMAL WORKING DAYS PRIOR TO TURN-ON OR COMPLETION OF MODIFICATION(S) TO A TRAFFIC SIGNAL SYSTEM, WRITTEN NOTICE SHALL BE SUBMITTED TO THE CLARK COUNTY TRAFFIC MANAGEMENT DIVISION THAT WORK IS BEING COMPLETED AND THE PROPOSED DATE OF COMPLETION.

OWNER/DEVELOPER

A&W BRIGHT ANGEL LLC
 7929 ASTRAL AVENUE
 LAS VEGAS, NV 89149
 TEL: (702)-362-3753
 FAX: (702)-362-3753

BASIS OF BEARINGS:

SOUTH 00°57'28" WEST BEING THE BEARING OF RILEY STREET BETWEEN TROPICAL PARKWAY AND BRIGHT ANGEL WAY AS SHOWN FILE 79 OF PARCEL MAPS, PAGE 22 IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER

BENCHMARK:

CLARK COUNTY VERTICAL CONTROL V.2003 BENCHMARK No. 8LV90 29N6
 CITY OF LAS VEGAS RIVET AND ROUND ALUM. PLATE IN EAST EDGE OF MAILBOX CONCRETE PAD, NORTHEAST CORNER OF W AZURE AVE AND EL CAPITAN WAY
 NAVD88 ELEVATION 772.450 METERS (2534 28 FEET)

LEGAL DESCRIPTION

THE NORTH HALF (N 1/2) OF THE WEST HALF (W 1/2) OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 29, TOWNSHIP 19 SOUTH, RANGE 60 EAST, W.D.M., CLARK COUNTY, NEVADA.
 EXCEPTING THEREFROM THAT PORTION OF LAND AS CONVEYED TO CLARK COUNTY BY THAT DEED RECORDED JULY 02, 1980 IN BOOK 1248 AS DOCUMENT No. 1207589, OF OFFICIAL RECORDS, CLARK COUNTY, NEVADA.
 OTHERWISE SHOWN AS LOT TWO (2) ON THAT CERTAIN CERTIFICATE OF LAND DIVISION Lc 103-80 IN BOOK 1248 AS DOCUMENT No. 1207589, OF OFFICIAL RECORDS, CLARK COUNTY, NEVADA CONTAINING APPROXIMATELY 2.5 ACRES.

DEVIATIONS FROM STANDARDS

NONE

APPROVALS

Hansen Baucus 10/20/05
 NEVADA POWER COMPANY DATE
 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.

Bryan F. Thibodeau 11-7-05
 SOUTHWEST GAS CORPORATION DATE
 SOUTHWEST GAS CORPORATION ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. SOUTHWEST GAS CORPORATION 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.

Bryan Chyan 11/4/05
 CLARK COUNTY FIRE DEPT. DATE
 APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS.

Charles Kalkowski 1/18/2006
 CHARLES KALKOWSKI, PE #4784 DATE
 CIVIL ENGINEER (SEWER ONLY)

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.

FIRE FLOW: 700 GPM AT 20 P.S.I. RESIDUAL

LEGEND

---	ROADWAY CENTERLINE
---	SHADE FLOWLINE
---	PROPERTY LINE
---	BACK OF SIDEWALK
---	PROPOSED CMU WALL
---	EXISTING CMU WALL
---	PROPOSED EDGE OF PAVEMENT
---	EXISTING EDGE OF PAVEMENT
---	EXISTING EDGE OF DIRT ROAD
---	30 "ROLL" TYPE CURB
---	SETBACK LINE
---	EXISTING 1' CONTOUR
---	EXISTING 5' CONTOUR
---	BUILDING FOOTPRINT
---	EXISTING SEWER LINE
---	EXISTING GAS LINE
---	EXISTING WATER LINE
---	PROPOSED SEWER LINE
---	PROPOSED WATER LINE
---	PROPOSED STREET LIGHT
---	EXISTING FIRE HYDRANT
---	PROPOSED FIRE HYDRANT
---	EXISTING WATER VALVE/GATE VALVE
---	PROPOSED WATER VALVE/GATE VALVE
---	EXISTING SEWER MANHOLE
---	PROPOSED SEWER MANHOLE
---	EXISTING ELECTRIC VAULT
---	EXISTING PAD MOUNT TRANSFORMER
---	EXISTING ELECTRIC PULLBOX
---	EXISTING TELEPHONE PULLBOX
---	PROPOSED WATER METER
---	EXISTING ELEVATION
---	PROPOSED ELEVATION
---	GRADE AND FLOW DIRECTION
---	CONSTRUCTION NOTES
---	PROPOSED SIGN
---	PROPOSED CONCRETE
---	PROPOSED AC PAVEMENT

ABBREVIATIONS

AC	ASPHALTIC CONCRETE	LP	LOW POINT
AB	AGGREGATE BASE	LT	LEFT
BCR	BEGIN CURB RETURN	MH	MAN HOLE
CO	CLEAN OUT	NAP	NOT A PART
CONC	CONCRETE	NTS	NOT TO SCALE
DI	DROP INLET	POW	RIGHT OF WAY
DG	DESIGN GRADE AT CENTERLINE	RT	RIGHT
ECR	END CURB RETURN	S	SANITARY SEWER
EG	EXISTING GROUND	SD	STORM DRAIN
EP	EDGE OF PAVEMENT	SMH	SANITARY SEWER MANHOLE
ESMT	EASEMENT	STA	STATION
EX	EXISTING	SW	SIDEWALK
FAST	FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION	TC	TOP OF CURB
FG	FINISH GRADE	TE	TRASH ENCLOSURE
FS	FINISHED SURFACE	TRP	TYPICAL
GB	GRADE BREAK	USD	UNIFORM STANDARD DRAWING
HP	HIGH POINT	W	WATER
INV	INVERT	WL	WATER LATERAL

INDEX OF SHEETS

- COVER SHEET AND GENERAL NOTES
- SECTIONS AND DETAILS
- HORIZONTAL CONTROL AND UTILITY PLAN
- GRADING AND TRAFFIC PLAN
- PLAN AND PROFILE-JULIANO ROAD
- PLAN AND PROFILE-BRIGHT ANGEL WAY
- PLAN AND PROFILE-INTERIOR STREET P&P-INTERIOR SEWER BETWEEN LOTS 1 & 2