ABBREVIATIONS

AC	ASPHALTIC CONCRETE PAVEMENT	PVT	POINT OF TANGENCY OF VERTICAL CURVE
BSW	BACK OF SIDEWALK	R	RADIUS OR RADIAL
BC	BACK OF CURB	RCB	REINFORCED CONCRETE BOX
BCR	BEGIN CURB RETURN	SD	STORM DRAIN
BVC	BEGIN VERTICAL CURVE	S	SEWER OR SLOPE
CATV	UNDERGROUND CABLE TV	SMH	SEWER MANHOLE
CG	CURB & GUTTER	SPECS	SPECIFICATIONS
CONST	CONSTRUCTION	STA	STATION
DCSWCS	DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS	SW	SIDEWALK
DI	DROP INLET	TBC	TOP BACK OF CURB
EG	EXISTING GROUND	TC	TOP OF CURB
ELEC	UNDERGROUND POWER	TEL	UNDERGROUND TELEPHONE
EOP	EDGE OF EXISTING PAVEMENT	TG	TOP OF GRATE
EVC	END VERTICAL CURVE	TMH	TOP OF MANHOLE
EX OR EXIST	EXISTING	TOC	TOP OF CUT
FC	FACE OF CURB	TOV	TOP OF VAULT SLAB
FG	FINISHED GRADE	TRW	TOP OF RETAINING WALL
FH	FIRE HYDRANT	TV	UNDERGROUND CABLE TV
FL	FLOW LINE	TW	TOP OF WALL
G	GAS	UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS
GB	GRADE BREAK	USD	UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA
GRND	GROUND	VC	VERTICAL CURVE
GWA	GUY WIRE ANCHOR	VG	VALLEY GUTTER
INV	INVERT	WV	WATER VALVE
LOC	LENGTH OF CURVE		
MH	MANHOLE		
OHP	OVERHEAD POWER		
PAVT	PAVEMENT		
PB	PULL BOX		
PCC	POINT OF COMPOUND CURVE OR PORTLAND CEMENT CONCRETE		
PI	POINT OF INTERSECTION		
PRC	POINT OF REVERSE CURVE		
PVC	POINT OF CURVATURE OF VERTICAL CURVE		
PVI	POINT OF INTERSECTION OF VERTICAL CURVE		

QUANTITIES

ITEM	PUBLIC QUANTITY	PRIVATE QUANTITY	UNIT
REMOVE EXISTING AC PAVEMENT	1363	8646	SY
REMOVE EXISTING STREETLIGHTS	2	0	EA
REMOVE EXISTING CURB, GUTTER, AND SIDEWALK	286	0	LF
REMOVE EXISTING DRAIN PIPE	43	0	LF
REMOVE EXISTING SIGNS	0	0	EA
4.5" AC PAVEMENT	1439	0	SY
FOG SEAL	1439	0	SY
CONCRETE PAVEMENT 6"	0	3585	SY
8" CONCRETE CROSS GUTTER	2032	0	SF
2' VALLEY GUTTER	0	350	LF
TYPE II AGGREGATE BASE	278	604	CY
24" "L" TYPE CURB & GUTTER	563	612	LF
"A" TYPE CURB	0	1147	LF
4" CONCRETE SIDEWALK	2815	5769	SF
6" CONCRETE DRIVEWAY	200	0	SF
SIDEWALK DRAIN	1	0	EA
CMU WALL	0	622	LF
TRASH ENCLOSURE WALL	0	33	LF
GENERATOR ENCLOSURE WALL	0	54	LF
CONCRETE GENERATOR PAD	0	193	SF
PAVEMENT MARKINGS	0	563	LF
BUMPER BLOCKS	0	27	EA
STREET LIGHT SINGLE	0	0	EA
1 1/4" STREET LIGHT CONDUIT	15	0	LF
24" STOP BAR	72	0	EA
#3 1/2 PULLBOX	3	0	EA
4" WHITE PARKING STRIPE	0	798	LF
4" WHITE HANDICAP STRIPE	0	528	SF
HANDICAP PARKING SYMBOLS	0	2	EA
EMERGENCY SIGNAL FLASHER	2	0	EA
2" CONDUIT WITH WIRE	0	235	LF
3" CONDUIT WITH WIRE	0	142	LF
3/4" CONDUIT WITH WIRE	0	157	LF
#8 PULLBOX	1	1	EA
SIGNAL CONTROLLER CABINET	0	1	EA
2" BRASS WATER LINE	0	5	LF
2" COPPER WATER LINE	0	4	LF
2" PVC CONDUIT W/ PULL STRING FOR FUTURE FIBER OPTIC LINES	310	529	LF
2" WATER METER	0	1	EA
2" RPPA	0	1	EA
2"x2 1/2" REDUCER	0	1	EA
2 1/2" PVC WATER LINE	0	75	LF
2 1/2" STUBOUT	0	1	EA
12"x8" TAPPING TEE	1	0	EA
8" TAPPING VALVE	1	0	EA
8" DUCTILE IRON PIPE	170	0	LF
8" FEBCO 878V DCDA	0	1	EA
8" PVC PIPE	0	93	LF
8" STUBOUT	0	1	EA
8"x1" SERVICE SADDLE	0	1	EA
8"x2" SERVICE SADDLE	0	1	EA
1" BRASS WATER LINE	0	19	LF
1" COPPER WATER LINE	0	6	LF
1" WATER METER	0	1	EA
1" RPPA	0	1	EA
1" PVC WATER LINE	0	8	LF
1" CAP	0	1	EA
FIRE HYDRANT ASSEMBLY	0	1	EA
8" SDR 35 PVC SEWER	27	26	LF
8"x4" 45° WYE	0	1	EA
8"x6" ECCENTRIC REDUCER	0	1	EA
6" SDR 35 PVC SEWER	0	142	LF
6" SEWER CLEANOUT	0	1	EA
6" SEWER CLEANOUT	0	1	EA
4" SEWER CLEANOUT	0	5	EA
6"x4" ECCENTRIC REDUCER	0	1	EA
4" SDR 35 PVC SEWER LINE	0	206	LF
SAND/OIL SEPARATOR	0	1	EA
SAMPLING MANHOLE	0	1	EA
ELECTRIC GENERATOR	0	1	EA
ELECTRIC TRANSFORMER	0	1	EA
SIGNS WITH POSTS	3	22	EA
FLAGPOLE BASE	0	1	EA
3-A: 40-B: C DRY CHEMICAL EXTINGUISHER	0	1	EA
"P 30" PULLBOX	2	0	EA

102790

CLV 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 revised edition, the "Nevada Department of Transportation Standard Specifications for Road and Bridge Construction", latest edition; "Summerlin Improvement Standards" for work in the Summerlin area; 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 as shown from CLV Plans Library are approximate and for record purposes 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 interference s 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 utilities so as to safely protect all personnel and equipment, and shall be responsible for all cost 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 and 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 concrete work Concrete to be 4500 P S I minimum @ 28 days Mix designs to be approved by the City, prior to the use on the project Concrete to have a water cement ratio of 0 50 or less

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 be one-half inch (½") above lip of all gutters after compaction, except at sidewalk ramps and cross gutters

9. Curb and gutter found to be unacceptable to the City of Las Vegas shall be removed and replaced per standard drawing 216.

10. 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

11. 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

12. All grading work shall conform to the Technical Specifications Section 02050 Contractor to review Geotechnical Data Report prepared by Terracon Project No 64035138 Dated September 9, 2003

13 Exact location of all sewcut lines may be adjusted or determined in the field by a City of Las Vegas Engineer If location on plans is not clearly shown, or existing pavement condition requires relocations

14 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

15. 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:

16. All walls, new or existing, are only shown on civil plans for the purpose of reviewing grading relationships; flood control and sight distance at intersections New walls require a separate permit and inspection by the Building Department

17 Asphalt mix design must be submitted and approved by the City Engineer prior to the placement of Asphalt within City Right of Way

18 Contractor shall adjust all new and existing inlets, valve boxes, manhole rims, and sewer clean outs, etc. to finish grade as applicable whether or not they are shown on the plans

19 Materials, handling and placement of Portland Cement Concrete shall be in accordance with applicable sections of NDOT or the Clark County Area Specifications (as applicable) and the plans and details shown hereon

CLV GRADING NOTES (FOR OAS PROJECTS)

1. In the event that any unforeseen conditions not covered by these notes are encountered during grading operations, the Owner/Engineer shall be immediately notified for direction

2 It shall be the responsibility of the Contractor to perform all necessary cuts and fills within the limits of this project and the related off-site work, so as to generate the desired subgrade, finish grades and slopes shown

3. Contractor shall take full responsibility for all excavation. Adequate shoring shall be designed and provided by the Contractor to prevent undermining of any adjacent features or facilities and/or caving of excavation

4 The Contractor is warned that an earthwork balance was not necessarily the intent of this project. Any additional material required or left-over material following earthwork operations becomes the responsibility of the Contractor

5. The Grading Contractor is responsible to coordinate with the owner to provide for the requirements of the project Storm Water Pollution Prevention Plan (SWPPP) and associated permit.

6 Contractor shall grade to the lines and elevations shown on the plans within the following horizontal and vertical tolerances and degrees of compaction, in the areas indicated

	Horizontal	Vertical	Compaction
A Pavement Area Subgrade	0 1'+	+0 0' to -0 1'	See Soils Report
B Engineered Fill	0 5'+	+0 1' to -0 1'	See Soils Report

Compaction Testing will be performed by the owner or his representative. Compaction shall comply with the requirements of the Engineer

7 All cut and fill slopes shall be protected until effective erosion control has been established.

8 The use of potable water without a special permit for building or construction purposes including consolidation of backfill or dust control is prohibited. The Contractor shall obtain all necessary permits for construction water

9 The Contractor shall maintain the streets, sidewalks and all other public right-of-way in a clean, safe and usable condition All spills of soil rock or construction debris shall be promptly removed from the publicly owned property during construction and upon completion of the project All adjacent property, private or public shall be maintained in a clean, safe and usable condition

10 In the event that any temporary construction item is required that is not shown on these drawings, the owner agrees to provide and install such item at his own expense and at the direction of the City Engineer. Temporary construction includes ditches, berms, road signs and barricades, etc

BENCHMARK

CITY OF LAS VEGAS VERTICAL CONTROL #2LV01 2SS4 PIVET AND PLATE IN THE TOP OF CURB AT THE NORTHEAST CORNER OF BONANZA ROAD AND MOJAVE ROAD.

ELEVATION: 1812.97 FEET NAVD88
552 594 METERS NAVD88

LVVWD STANDARD NOTES

LVVWD PROJECT # 29289

1. No work shall begin until the water plans have been released for construction by the LVVWD Following water plan approval, 48 hours notice shall be given to the LVVWD communication support center (258-7171) prior to the start of construction Notice must be given by 2 00 p m the business day prior to a LVVWD inspection When requesting inspections, please refer to the project # identified above

2 All work shall conform to LVVWD Standard Plates, Drawings, and Specifications, and to the 2003 Edition of the Uniform Design and Construction Standards for Potable Water Systems (UDACS).

3 All work, except as modified by these plans or by Note 2 above, shall be done in accordance with the most recent draft or edition of the Uniform Standard Specifications for Public Works Construction Offsite Improvement, Clark County Area

4 A single pipe material shall be used throughout the project unless otherwise approved by the LVVWD

5 All service laterals two (2) inches in diameter and smaller shall be Type K copper tubing with LVVWD approved service saddles

6 All water meter boxes shall be located outside of driveway areas.

7 All valves shall be located outside of driveways, valley and curb gutters

8 All water and storm drain or sanitary sewer crossings shall conform to Section 2 19 of the 2003 Edition of the UDACS

9. All water facilities shall be filled, disinfected, pressure tested, flushed, filled, and an acceptable water sample obtained, prior to connection to the LVVWD distribution system

10 The contractor must obtain all meters two (2) inches and smaller from LVVWD Central Stores Telephone 258-3152 or 258-3802, two (2) working days prior to meter pickup

11 Any interruption of service must be approved by the LVVWD Inspection Division prior to shutdown Proper written notification must be given to all affected customers

12 All water facility construction materials used must be as listed on the LVVWD Pre-Approved Materials and Manufacturer's Listing for New Facilities, latest revision, or specifically approved on these plans

13 Telephone "Call Before You Dig" at 1-800-227-2600

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT — DATE 6/19/04

CLV SEWER NOTES

1 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

2 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 Engineer

3 Chisel "S" or "G" in curbs where sewer or gas laterals pass under the curb

4 Polyvinyl (PVC) sewer pipe shall meet ASTM D-3034 SDR 35 specifications, installed with sand bedding and backfill of type II aggregate base

5 All manholes paved in streets eighty foot (80') Right-of-Way and larger shall have concrete collars Streets less than eighty foot (80') Right-of-Way will require retrofit if paving does not conform to City standards at the manhole

6 Tee saddles shall be used to connect sewer laterals to existing main lines up to twelve inch (12") diameter Connections to fifteen-inch (15") diameter or larger mains shall require special procedures In line "Y"s shall be used on lines twelve inches (12") or above

7 Water mains shall be protected in accordance with LVVWD Standards whenever a sewer main crosses over a water main or the sewer is less than eighteen inches (18") under a water main

8 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

9 The City of Las Vegas will not accept any sewer mains, which have a vertical deflection 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 or replaced to satisfaction of the City Engineer prior to acceptance by the City of Las Vegas

10 Installation of curved sewer requires the use of C-900 PVC pipe which allows for pipe deflection at the joints

DEVIATIONS FROM STANDARDS

DEVIATION FROM THE USD NO. 222a. THE DRIVEWAY RADIUS (STA 44+19 27, 45 LT - MOJAVE RD) HAS BEEN MINIMIZED TO 15 FEET DUE TO EGRESS ONLY DESIGN.

BASIS OF BEARING

THE NORTH LINE OF THE SOUTHEAST QUARTER (SE1/4) OF THE SOUTHWEST QUARTER (SW1/4) OF SECTION 25, TOWNSHIP 20 SOUTH, RANGE 61 EAST M D M , CLARK COUNTY, NEVADA, BEARS SOUTH 88°52'45" EAST AS SHOWN ON THE RECORD OF SURVEY, RECORDED IN THE FILE 82, PAGE 99 OF SURVEYS, CLARK COUNTY RECORDS.

LAS VEGAS FIRE & RESCUE GENERAL NOTES

1 All work shall be done in strict accordance with the City of Las Vegas Fire Department's Ordinance # 5667, "Hydrant Specifications", and "Hydrant Installation Specification"

2 Authorized fire hydrants for this project are
A Kennedy - Guardian models K81A and K81D
B. Mueller - Super Centurion 250 model A-423
C Clow - Medallion model F-2546LVD
D Troy Valve - Patriot model PT8100N Nevada Hydrant
E U S Pipe - Metroflow/M-03

3 On any residential or commercial installations fire hydrants shall be installed and fire apparatus access roads shall be maintained before commencement of any combustible construction All fire hydrants shall be in good working order and shall be capable of delivering the required fire flow

4 To identify the fire hydrant locations, contractor shall place a blue reflective marker at the center line of street adjacent to the fire hydrants as required by Ordinance # 5667

5 All underground inspections, pressure and flush verifications of all fire hydrants and fire lines, shall be conducted before covering the lines Call the City of Las Vegas inspection Hot-line at 229-2071 to request an inspection by the City of Las Vegas Fire Department.

6 Painting of the curbs and fire hydrants and all other work necessary as required by Ordinance # 5667, for the protection of fire hydrants from physical damage, shall be completed before approval by the City of Las Vegas Fire Department

7 A permit is required from the City of Las Vegas Fire Department for the on-site water lines and fire hydrants The permit and contractor's material and test certificate for underground piping form shall be obtained from the Fire Protection Engineer before commencement of work

8 Private fire hydrants shall be painted red

9 Prior to the final occupancy, a flow test must be witnessed by the City of Las Vegas Fire Department to verify availability of the required fire flow

10 All on-site underground water mains and materials shall be U L listed, A W W A approved, and shall be rated for the appropriate working pressure.

11 Fire hydrants spacing shall be
Residential - 500 feet unsprinklered; 600 feet sprinklered
Commercial - 300 feet unsprinklered; 400 feet sprinklered

12. Where new water mains are extended along streets or new streets are installed where fire hydrants are not needed for protection of the structures, fire hydrants shall be installed at maximum 1,000 foot spacing, to provide for transportation hazards Where streets are provided with median dividers or have four or more traffic lanes and have a traffic count of more than 30,000 per day, hydrants are required on each side of the street spaced at 500 feet on an alternating basis

13 No fire hydrants shall be located within the required radius of a cul-de-sac or within 20 feet of the perimeter of the radius of the cul-de-sac

14 No fire hydrants shall be located within 6 feet of any curb return, driveway, power pole, streetlight or any other obstruction

15 The maximum distance from a fire hydrant to a one-two family dwelling shall not exceed 300 feet, as measured by an approved route

16. The maximum distance from a fire hydrant to a Fire Department Connection (FDC) shall not exceed 100 feet, as measured by an approved route

17 The maximum distance from a fire hydrant to the end of a dead-end street shall not exceed 200 feet

18 Two sources of supply are required whenever there are 4 or more fire hydrants/sprinkler lead-ins are installed on a single system Sectional control valves shall be installed so that no more than 2 fire hydrants can be out of service due to a break in a water main

19 All fire apparatus access roads shall be paved to provide all-weather driving capabilities, and shall be designed and maintained to support the imposed loads of the fire apparatus

20 The gradient for the fire apparatus access roads shall not exceed 12% Angles of approach and angles of departure shall not exceed 6% for 25 feet prior to or after the grade change Adjacent to the structures gradient shall not exceed 6%

21 The turning radius of the fire apparatus access roads shall be no less than 52 feet outside and 28 feet inside turning radius

22 Vertical clearance of all fire apparatus access roads shall be not less than 13 feet 6 inches

23 Fire department access roads in all residential developments (except for the apartment buildings) shall have a minimum unobstructed width of not less than 36 feet flow line to the flow line (this width may be reduced to 24 feet, if all buildings fronting the street are sprinklered) for main residential streets, with parking permitted on both sides of the street Private drive aisles, driveways, etc shall be allowed to be reduced to a minimum width of 24 feet wide flow line to the flow line when serving no more than 6 residences, and when on street parking is disallowed

24 All fire apparatus access roads in commercial developments and apartment complexes shall have a minimum unobstructed width of not less than 24 feet (flow line to the flow line), provided no parking is allowed on either side, 32 feet (flow line to the flow line), if parallel parking is allowed on one side only, and 40 feet (flow line to the flow line), if parallel parking is allowed on both sides These widths may be reduced by 4 feet if all buildings are sprinklered

25 A fire department access road shall extend to within 50 feet of a single exterior door providing access to the interior of the building.

26 A fire apparatus access road shall be required when any portion of an exterior wall of the first story is located more than 150 feet from a fire department vehicle access This distance could be increase to 250 feet if the building is sprinklered

27 Approved secondary fire apparatus access shall be provided for 100 or more dwelling units, road(s) with dead-ends or with a single point of access in excess of 600 feet, and for all commercial, industrial, and multi-family residential developments

28 All dead-end fire apparatus access roads and or fire lanes, public or private, in excess of 150 feet in length shall be provided with an approved turn around area having a minimum diameter of 81 feet

29 All fire apparatus access roads shall be marked by placing approved signs at the start of the designated fire lane, one sign at the end of the fire lane and with signs at intervals 100 feet along all designated fire lanes. Signs to be placed on both sides of an access roadway if needed to prevent parking on either side Signs to be installed no higher than 10 feet or less than 6 feet from roadway level The curb along or on the pavement or cement if a curb is not provided shall be painted with a red weather resistant paint in addition to the signs

30 Electrically controlled access gates shall be provided with an approved emergency vehicle detector/receiver system Said system shall be installed in accordance with the City of Las Vegas guidelines for Automatic Emergency Vehicle Access Gates

CLV TRAFFIC NOTES

1. All construction signing, barricading and traffic delineation shall conform to the "Manual on Uniform Traffic Devices", Latest Edition
2. The Street Sign Contractor shall obtain street names and block numbering from the Planning Department prior to construction
3 Before any work is started in the right-of-way, the Contractor shall install all advanced warning signs for the construction zone The Contractor shall install temporary stop signs at all new street encroachments into existing City streets where warranted immediately after first grading work is accomplished, and shall maintain said signs until permanent signs are installed
4 When a designated "Safe Route To School" is encroached upon by a construction work zone and Public Works Staff identifies a need for students to be assisted in the safe crossing through that work zone, the Contractor shall be required to provide a qualified "crossing guard" The guard shall be present for the full duration of time that children are likely to be present
5 If the improvements necessitate the obliteration, temporary obstruction, 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 City Traffic Engineer
6 The Contractor shall be responsible for providing and installing all permanent signs shown on the plans Street names signs shall conform in their entirety to current City Standards All other signs shall be standard size unless otherwise specified on the plans All sign posts shall be installed in accordance with the current City Standards
7 When a proposed Street Light Standard is located within five (5') feet of any proposed sign shown on the plans to be mounted on a signpost, the sign shall be mounted on the Street Light Standard and the signpost shall be eliminated
8 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
9 Street signs and stop signs shall be installed per City Standard Specifications for placement of street name signs.
10 The Contractor shall provide all necessary traffic control devices and flaggers to ensure the safety of the public in or around the work area The Contractor shall have a certified ATSSA Traffic Control T Technician or IMSA Work Zone Safety Specialist set-up, maintain and/or remove all traffic Control devices in the City of Las Vegas Rights of Way
11 Work in the public streets, once begun, shall be expedited to completion so as to provide minimum inconvenience to adjacent property owners and to the traveling public
12 The Contractor shall be responsible for notifying Citizens Area Transit (C.A T) if the construction interrupts or relocates a bus stop or has an adverse effect on bus service on that street to arrange for temporary relocation of stop
13 Guards shall be obtained by contacting the Metropolitan Police Department Special Events Unit (Phone No: 229-3442) who will provide officers properly trained in traffic control. Fees for the use of these officers shall be set up by Metro and will be paid by the Contractor The Contractor is responsible for all arrangements with Metro
14 Any work within 300' of a signalized intersection will be night work, unless directed by the City of Las Vegas Traffic Engineer

LEGEND

10+00	CONTROL LINE
	CENTERLINE
	EASEMENT LINE
	RIGHT-OF-WAY LINE OR PROPERTY LINE
	GRADE BREAK
TEL	EXISTING UNDERGROUND TELEPHONE CABLE
OHT	EXISTING OVERHEAD TELEPHONE CABLE
S	EXISTING SANITARY SEWER LINE
W	EXISTING WATER LINE
SD	EXISTING STORM DRAIN LINE
ELEC	EXISTING UNDERGROUND POWER LINE
OHP	EXISTING OVERHEAD POWER LINE
G	EXISTING GAS LINE
1875	EXISTING CONTOUR (CONTOUR INTERVAL 1')
	EXISTING CURB & GUTTER
MH	EXISTING MANHOLE OR VAULT
	EXISTING STORM DRAIN INLET
	EXISTING FIRE HYDRANT
	PROPOSED FIRE HYDRANT-PRIVATE
	PROPOSED STREET SIGN
OR	PROPOSED STREET LIGHT
PP	PROPOSED POWER OR TELEPHONE POLE
PP	EXISTING POWER OR TELEPHONE POLE
98.16	DESIGN ELEVATION
100.00	EXISTING ELEVATION
	EXISTING STREET LIGHT
	EXISTING WATER METER
	EXISTING STREET SIGN
C1	CURVE NUMBER SYMBOL
L1	LINE NUMBER SYMBOL
	PROPOSED ASPHALT SAWCUT LINE

CLV STREETLIGHT NOTES

1 All street lighting installations shall be in accordance with the street lighting plans, the "Uniform Standard Specifications for Public Works Construction Off-Site Improvements, Clark County Area, Nevada", Latest Revision, and the "Uniform Standard Drawings for Public Works Construction Off-Site Improvements, Clark County Area, Nevada", Latest Revision

2. No deviation of street light, pull box, conduits (etc.) locations shall be permitted without written approval of the Traffic/Electrical Field Operations Division and the City Engineer Any deviation from the plan location will require compliance with section 623 L0 03 (e) of the specifications

3. All existing street lighting shall remain operational during construction

4. All empty conduit shall have pull strings installed prior to final inspection

5. Any structure such as block walls, chain link fences, retaining walls, etc., shall leave a minimum clearance of eighteen inches (18") to the face of street lighting pole on all sides when streetlight is installed behind sidewalk, and shall at no time completely enclose the street lighting pole

6 As-built drawings shall be supplied to the Electrical Services Section prior to any pre-final inspection. The as-built drawing needs to be stamped as-built and signed by the preparer

7 Service point shall be coordinated with Nevada Power Company, and wherever possible, be located near the center of the circuit Service points shall be shown on the plans

8 It shall be assumed that in the absence of an existing, workable circuit to attach to, all installations shall require a new service for operation of the circuit

9 Wherever there is an overhead utility that may conflict with the installation of street lighting circuits and/or poles, these conflicts must be resolved between the developer and the utilities involved before streetlight bases are installed at no expense to the City of Las Vegas

10 The Contractor shall furnish complete service to transformers and control systems if required on plans

005

DATE	BY	DESCRIPTION	REV	DATE	AGEN	APP

RECORD DRAWINGS

PROJ NO: AZ03157
DESIGN: LG/RAS
DATE. 05/28/04
SCALE AS SHOWN
CADFILE: FS05_02

REGISTERED PROFESSIONAL ENGINEER — RANDOLPH A. SKORPINSKI — CIVIL — No. 14985 — STATE OF NEVADA

STAMP DATE: 5/27/04
EXP DATE: 06/30/05

AZTEC
3320 N. Buffalo Drive
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Fax. 702-396-3758
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CITY OF LAS VEGAS
FIRE STATION NO. 8
GENERAL NOTES & QUANTITIES

SHEET
C-2
2 OF 24 SHEETS

CLV PRJ. #