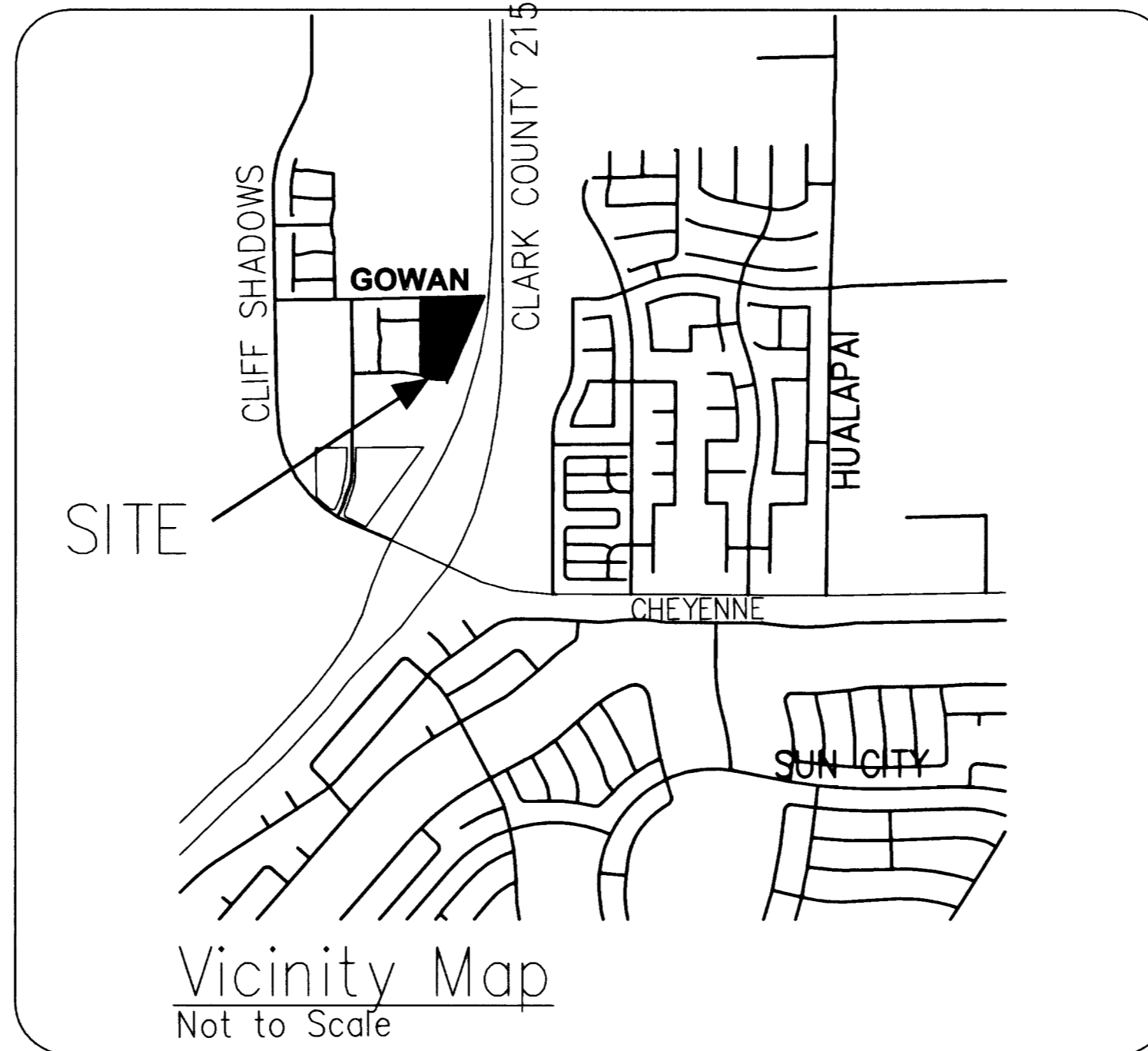


IMPROVEMENT PLANS FOR GOWAN & 215

ABBREVIATIONS

AC	ASPHALTIC CONCRETE	P	POWER LINE
ADJ	ADJACENT, ADJUSTABLE	PB	PULL BOX
AVE	AVENUE	PC	POINT OF CURVATURE
BC	BACK OF CURB	PCC, CONC	PORTLAND CEMENT COMPANY
BCR	BEGINNING OF CURB RETURN	PAD	PAD GRADE
BM	BENCHMARK	PE	POLYETHYLENE
BSW	BACK OF SIDEWALK	PI	POINT OF INTERSECTION
BVC	BEGINNING OF VERTICAL CURVE	PL	PROPERTY LINE
L	CENTERLINE	POC	POINT OF CONNECTION
CMU	CONCRETE MASONRY UNIT	PP	POWER POLE
CO	CLEAN OUT	PRC	POINT OF REVERSE CURVE
CONC	CONCRETE	PT	POINT OF TANGENCY
CONST	CONSTRUCT, CONSTRUCTION	PVC	POLYVINYL CHLORIDE PIPE
DI	DROP INLET	PVI	POINT OF VERTICAL INTERSECTION
DIA	DIAMETER	Q	RATE OF FLOW
DMH	DROP MANHOLE	R	RADIUS
DR	DRIVE	RCB	REINFORCED CONCRETE BOX
DW	DRIVEWAY	RCP	REINFORCED CONCRETE PIPE
	ELECTRIC	RD	ROAD
ECR	END OF CURB RETURN	RT	RIGHT
EG	EXISTING GROUND/GRADE	ROW	RIGHT OF WAY
EL	ELEVATION	SD	STORM DRAIN
EP	EDGE OF PAVING	SDMH	STORM DRAIN MANHOLE
ESMT	EASEMENT	SQ FT, SF	SQUARE FOOT
EVC	END OF VERTICAL CURVE	SL	STREET LIGHT
EX	EXISTING	STA	STATION
FL	FLOW LINE	STD	STANDARD
FT	FEET OR FOOT	STL	STEEL
	GAS	SQ YD, SF	SQUARE YARD
GB	GRADE BREAK	SW	SIDEWALK
HORIZ	HORIZONTAL	SS	SANITARY SEWER
HP	HIGH POINT	SSMH	SANITARY SEWER MANHOLE
IN	INCH	TC	TOP OF CURB
INT	INTERSECTION	T	TELEPHONE
INV	INVERT	TF	TOP OF FOOTING
LF	LINEAR FEET	TMH	TOP OF MANHOLE
LVVWD	LAS VEGAS VALLEY WATER DISTRICT	TOC	TOP OF CONCRETE
LT	LEFT	TP	TOP OF PIPE
MAX	MAXIMUM	TRANS	TRANSITION
MH	MANHOLE	TSW	TOP OF SIDEWALK
MIN	MINIMUM	TS	TRAFFIC SIGNAL
NO	NUMBER	TW	TOP OF WALL
NTS	NOT TO SCALE	TYP	TYPICAL
OC	ON CENTER	VCP	VITRIFIED CLAY PIPE
		VC	VERTICAL CURVE
		VERT	VERTICAL
		VG	VALLEY GUTTER
		W	WATER
		WM	WATER METER
		YD	YARD



SHEET INDEX

REV #	REV DESCRIPTION	SHEETS	APPD BY	DATE
1	REV. CIVIL WALL TO RETAINING WALL	C1-C3	JHC	7/13/06
2	REV. DETAIL 2: ADD DETAIL 9:1	C1	JHC	7/19/06
3	REV. SIM TO 3: & ADD RET WALL	C3	JHC	7/19/06

APPROVALS

Jorge Cortes
JORGE CORTES, P.E. # 13977, P.T.O.E.
CITY ENGINEER

9-07-06
DATE

APPROVAL OF THESE PLANS BY THE CITY 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 STANDARD DRAWINGS & SPECIFICATIONS CLARK COUNTY AREA, NEVADA.

Margo Wheeler
M. MARGO WHEELER, AICP, DIRECTOR OF PLANNING & DEVELOPMENT AND
THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING & DEVELOPMENTAL DEPARTMENT.

8/12/06
DATE

Wendy Redeman
NEVADA POWER COMPANY

7/21/06
DATE

THIS APPROVAL IS ONLY FOR THE PLACEMENT AND CLEARANCE OF STREET LIGHT AND SIGNAL LIGHT INSTALLATION.

NEVADA POWER ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NEVADA POWER 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.

Richard Marshall
RICHARD MARSHALL
FIRE MARSHALL
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR AN APPROVAL OF ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS FIRE FLOW 2375 GPM AT 20 P.S.I. RESIDUAL.

DATE

Steve Johnson
LAS VEGAS VALLEY WATER DISTRICT SHEETS C1, C2 & C5-C7
PROJECT # 112213

12-04-06
DATE

Spencer McLean
SOUTHWEST GAS CORPORATION

7/20/06
DATE

Rick Nordquist
RICK NORDQUIST
EMBARQ

7/21/06
DATE

"THE AFFIXED EMBARQ 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 RULE AND REGULATIONS."

Yania D. Tapia
COX COMMUNICATIONS, LAS VEGAS INC

07.21.06
DATE

BASIS OF BEARING

NORTH 87°07'11" EAST, BEING THE BEARING OF THE NORTH LINE OF THE NORTHWEST QUARTER (NW1/4) OF THE NORTHEAST QUARTER (NE1/4) OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.B., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN BY A MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN BOOK 102 OF SURVEYS, AT PAGE 50.

BENCHMARK

9LV09 13N4
RIVET & PLATE IN CONCRETE PAD (TRANSFORMER) +/- 300
FT WEST OF SHADY TIMBER ON THE SOUTH SIDE OF CHEYENNE
ELEVATION 2861.97 FEET
872.3314 METERS

APN

APN : # 137-12-301-007

LEGAL

THE WEST HALF (W1/2) OF THE NORTHEAST QUARTER (NE1/4) OF THE NORTHEAST QUARTER (NE1/4) OF THE SOUTHWEST QUARTER (SW1/4) OF SECTION 12, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.B. & M.



PROJECT NAME Gowan & 215
This project water plan complies with the Las Vegas Valley Water District's technical requirements. However, this water plan is
NOT APPROVED FOR CONSTRUCTION
at this time and this signature does not provide or imply a water commitment.
M. D. Tapia
LVVWD DISTRICT 112213 DATE 8-22-06
ESN 022 SHTS. C1, C2 & C5-C7 REVISED 06/01/04

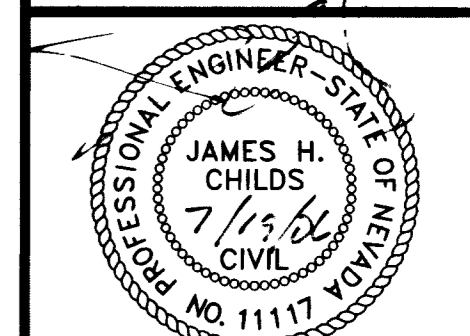
QUANTITIES

	PUBLIC	PRIVATE
8" DIP WATER	0 LF	49 LF
8" BRASS WATER	0 LF	20 LF
8" PVC WATER	0 LF	1017 LF
6" PVC WATER	0 LF	53 LF
4" PVC WATER	0 LF	79 LF
2" PVC WATER	0 LF	412 LF
8" GATE VALVE	0 EA	3 EA
FIRE HYDRANTS	0 EA	2 EA
8" PVC SEWER	47 LF	443 LF
4" PVC SEWER	0 LF	11 LF
2" RPPA	0 EA	1 EA
8" DCOA	0 EA	2 EA
8" CLEANOUT	0 EA	4 EA
2" WATER METER	0 EA	1 EA
3" ASPHALTIC CONCRETE PAVING	0 SY	1,470 SY
6" TYPE I GRAVEL	0 CY	1,578 CY
4" TYPE II GRAVEL	0 CY	1,042 CY
4" ASPHALTIC CONCRETE PAVING	991 SY	1,470 SY
8" TYPE I GRAVEL	220 CY	1,578 CY
6" TYPE II GRAVEL	165 CY	1,042 CY
2" "L" TYPE CURB & GUTTER	0 LF	318 LF
COMMERCIAL DRIVEWAY	0 SF	1029 SF
CONCRETE VALLEY GUTTER	0 SF	1621 SF
4" CONCRETE SIDEWALK	1900 SF	4150 SF
SIDEWALK UNDERDRAIN	2 EA	0 EA
"A" TYPE CURBING	0 LF	4584 LF
HANDICAPPED ACCESS ROUTE	0 SF	640 SF
HANDICAPPED DEPRESSED CURB FOR HC ACCESS	0 LF	126 LF
SIDEWALK RAMPS	4 EA	0 EA
8" GATE VALVES	0 EA	2 EA
2" RPPA	1 EA	0 EA
2" WATER METER	1 EA	0 EA
8" DCOA	2 EA	0 EA
3" VALLEY GUTTER	0 LF	832 LF
8" VALLEY GUTTER	1340 SF	0 SF
3" FOOT "U" TYPE GUTTER	0 LF	480 LF
48" SS MANHOLES	1 EA	1 EA
ONE COURSE STEM WALL	275 LF	0 LF
STRUCTURAL STEM WALL	0 LF	95 LF

103842 11217
96130 & 98676

H*11691

GOWAN & 215
COVER SHEET



6/14/2006
SHEET
C1
1 OF 9 SHEETS
DRAWING NO
107V4689

SCALE: 1/4"	OWNER/DEVELOPER	WEST GOWAN LLC	7490 WEST SAHARA AVENUE	LAS VEGAS - 89117
DRAWN BY: ECA	DESIGNED BY: JHC	CHECKED BY: JHC	SUBMITTAL DATE: 19 JUL 06	JOB # 417
REV #	BY	DATE	DESCRIPTION	REVISION APPROVAL BLOCK