PROPOSED FACILITIES:

1. PROPOSED 4" PE PIPE #100-5201
2. PROPOSED 4" PE ELECTROFUSION CPLG #140-3444
3. PROPOSED 4" PE 90 ELBOW #140-3069
4. PROPOSED 4" PE TEE #140-3076
5. PROPOSED 4" X 2" PE REDUCER #140-5118
6. PROPOSED 4" PE CAP #140-3062
7. PROPOSED 2" PE METFIT CPLG #140-3504
8. PROPOSED 6" PVC SLV #100-9000

ABANDONED FACILITIES:

		QTY.
1	ABANDON EX 4" PE '92 MOP 43#	146'
2	ABANDON EX 2" PE '92 MOP 43#	8'

RTC NOTES:

TRENCHING & BACKFILL TO CONFORM WITH UNIFORM STD. SPECS. SECTION 208, AND RTC STANDARD 503.
PAVEMENT REPAIR SHALL CONFORM TO RTC STANDARDS:

A1 RTC 500.3

A2 RTC 500.5

SURVEY INFORMATION FROM CLV 90% PLANS DATED NOV. 2013 FOR "FREEWAY CHANNEL - WASHINGTON, MLK BLVD TO RANCHO DR (WASHINGTON AVE STORM DRAIN)

SURVEY

NEVADA COORDINATE REFERENCE SYSTEM
BASIS OF BEARING AND DATUM STATEMENT

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM, LAS VEGAS ZONE, NORTH AMERICAN DATUM
OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN. THE REFERENCE FRAME BEING NAD 83 (CORS96) EPOCH 2002.0.

TRANSVERSE MERCATOR PROJECTION

STANDARD PARALLEL & GRID ORIGIN:	36°15'00"N
CENTRAL MERIDIAN:	114°58'00"W
FALSE NORTHING:	200,000m 656,166.6667 FEET(US)
FALSE EASTING:	100,000m 328,083.3333 FEET(US)
STANDARD PARALLEL SCALE:	1.0001 (EXACT)

BENCHMARK

CITY OF LAS VEGAS BENCHMARK
2LV01 28W8

RIVET AND PLATE IN CONCRETE STREET LIGHT BASE IN ISLAND ON NORTH SIDE OF WASHINGTON AT COMSTOCK.

ELEVATION = 628.350m (NAVD'88) CLV 2008 ADJUSTMENT
= 2061.51ft (NAVD'88) CLV 2008 ADJUSTMENT

REFERENCE MAPS

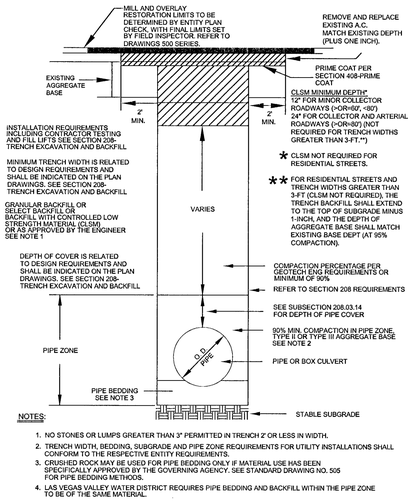
RECORDS OF SURVEY:
FILE 62, PAGE 74
FILE 77, PAGE 58
FILE 83, PAGE 40
FILE 98, PAGE 66
FILE 108, PAGE 66
FILE 128, PAGE 74
FILE 142, PAGE 71
FILE 148, PAGE 79
FILE 151, PAGE 01
FILE 172, PAGE 02
FILE 181, PAGE 14
FILE 184, PAGE 34
FILE 186, PAGE 32
FILE 188, PAGE 64

FINAL MAPS (PLATS):
BOOK 02, PAGE 69
BOOK 04, PAGE 11
BOOK 05, PAGE 11
BOOK 07, PAGE 41
BOOK 61, PAGE 50
BOOK 105, PAGE 48
BOOK 108, PAGE 66
BOOK 110, PAGE 95

HORIZONTAL CONTROL PLANS ARE BASED ON RECORD OF SURVEY AS RECORDED BY ATKINS FILE 189, PAGE 15.

CONSTRUCTION NOTES:

1. SUGGESTED GAS LOCATIONS ARE TO CLEAR SUBSTRUCTURES LOCATE IN FIELD.
2. ALL PIPELINE CONSTRUCTION SHALL CONFORM TO APPLICABLE JURISDICTION SPECIFICATIONS.
3. GAS MAINS SHALL BE PURGED PER OPERATIONS MANUAL.
4. DO NOT SCALE THIS DRAWING.
5. ANY CHANGES IN MAIN LOCATION MUST BE AUTHORIZED BY SWG INSPECTOR AND/OR ENGINEER.
6. TRENCHING AND BACKFILL TO CONFORM WITH UNIFORM STANDARD SPECS, SECTION 208, AND RTC STANDARDS 503, 500.3 AND 500.5.
7. ALL SHORING REQUIREMENTS SHALL CONFORM TO APPLICABLE PORTIONS OF THE OPERATIONS MANUAL.
8. SWG WORK AHEAD OF CLV 'FREEWAY CHANNEL-WASHINGTON AVE, MLK BLVD TO RANCHO (WASHINGTON AVE STORM DRAIN).
9. SWG PAVING REPAIR, 8' WIDE, MACHINE LAID, FULL DEPTH, T-TOP. ALL SWG PAVEMENT REPAIR WITHIN CLV's PROJECT PAVEMENT REPAIR LIMITS.
10. SURVEY REQUIRED, CONTACT BOB MIDDAG: 702-365-2071, A MINIMUM OF 72 HRS BEFORE NEED.
11. ALL STREETS ARE PUBLIC.
12. CLV PERMIT REQUIRED.
13. 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 ISSUE; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE.



NOTES:

1. NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
2. TRENCH WIDTH, BEDDING, SUBGRADE AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE ENTITY REQUIREMENTS.
3. CRUSHED ROCK MAY BE USED FOR PIPE BEDDING ONLY IF MATERIAL USE HAS BEEN SPECIFICALLY APPROVED BY THE GOVERNING AGENCY. SEE STANDARD DRAWING NO. 505 FOR PIPE BEDDING METHODS.
4. LAS VEGAS VALLEY WATER DISTRICT REQUIRES PIPE BEDDING AND BACKFILL WITHIN THE PIPE ZONE TO BE OF THE SAME MATERIAL.

RTC STD DWG 503

811 Know what's **below.** **Call** before you dig.

CLV PIPE FOOTAGE
INSTALL 197'
ABANDONED 154'
TOTAL FOOTAGE LOCATED IN CLV R/W
197'

SYSTEM	D_VALLEY_WIDE
DR. NO.	21DR10002377
SEGMENT M.A.O.P.	N/A
SYSTEM M.A.O.P.	43 PSIG
SYSTEM M.O.P.	43 PSIG

PURGE PLAN WAS COMPLETED IN ACCORDANCE WITH THE OPERATIONS MANUAL GUIDELINES BY:

PRINT:_____ DATE:_____

SIGNATURE:_____

CITY OF LAS VEGAS
APPROVED FOR CONSTRUCTION
THIS APPROVAL IS FOR WORK IN CLV RW OR CLV EASEMENTS ONLY. OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

_____
APPROVAL DATE

HANSEN # _____ DWG # _____

NO.	DESCRIPTION	BY	DATE	APPVD.
1.				
2.				
3.				
4.				

REVISIONS

SOUTHWEST GAS CORPORATION

TAX CODES	UNIT NO.	UNIT TYPE	INSTL. (PROPOSED)	RETIRED (PROPOSED)	INSTL. (COMPLETED)	RETIRED (COMPLETED)
TAX CODE 02-0200						
	3760104	4" PE	81'			
TAX CODE 02-0207						
	3760104	4" PE	116'	146'		
	3760102	2" PE		8'		

PROPERTY UNITS

AS-BUILT DRAWING-PRESSURE TEST DATA

PIPE DIA. _____
PIPE LENGTH _____
PIPE TYPE _____
MIN. DURATION _____

TEST MEDIUM: ☐ AIR ☐ NITROGEN ☐ WATER ☐ SOAP
TEST METHOD: ☐ GAUGE ☐ CHART GAUGE/ PRESS REC SN#

	START	END
TEST PRES. (PSIG)		
TIME		
DATE		
PERFORMED BY		

VISUAL INSPECTION CERTIFICATION
I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS THAT I HAVE PERFORMED

NAME _____ DATE _____

AS-BUILTS ACCEPTED BY _____ DATE _____
POSTED BY _____ DATE _____
POSTING QC'D BY _____ DATE _____

CONSTRUCTION
INSPECTOR _____
FOREMAN _____
REVIEWED BY _____

PERMIT INFORMATION
CITY OF LAS VEGAS
TAX CODE 02-0200
TAX CODE 02-0207

ISOLATION AREA	W.R. NO.
DIST 91	1855987
LOCATION	ATLAS #/TILE #
T20S R61E SEC 29 M.D.M. NEVADA	x618y520

ENGINEER/TECH: BOB MIDDAG			PHONE: 702-365-2071
ACCOUNT REP:			PHONE:
PROJECT CONTACT:			PHONE:
SHEET NO: 2 OF 4	SCALE: N.T.S.	DATE: 6/16/2014	
DWN. BY: ARUSI	CHKD. BY:	APPVD. BY:	

TITLE
F-CLV-FREEWAY CHANNEL STORM DRAIN WASHINGTON & ROBIN 4" PE RELOCATION