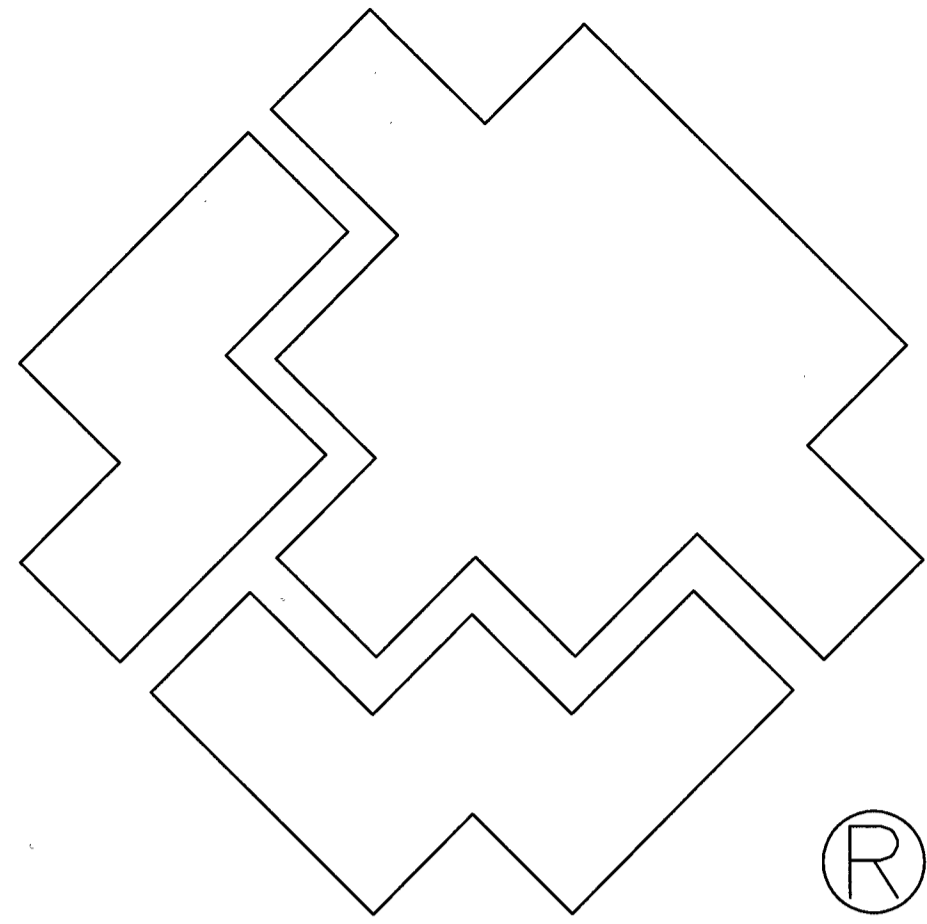


# SOUTHWEST GAS CORPORATION

## 2" PE MAIN RELOCATION FOR CLV STORM DRAIN/ WASHBURN AND CONOUGH CLARK COUNTY/CITY OF LAS VEGAS, NV WR #3329651



City of  
Las Vegas

Total footage located in Public ROW: 60'

**APPROVED FOR CONSTRUCTION**  
THIS APPROVAL IS FOR WORK IN CLV R/W OR CLV  
EASEMENTS ONLY. OBTAINING PERMISSION OR  
EASEMENTS FOR WORK SHOWN ON PRIVATE PROPERTY  
IS THE RESPONSIBILITY OF THE UTILITY.

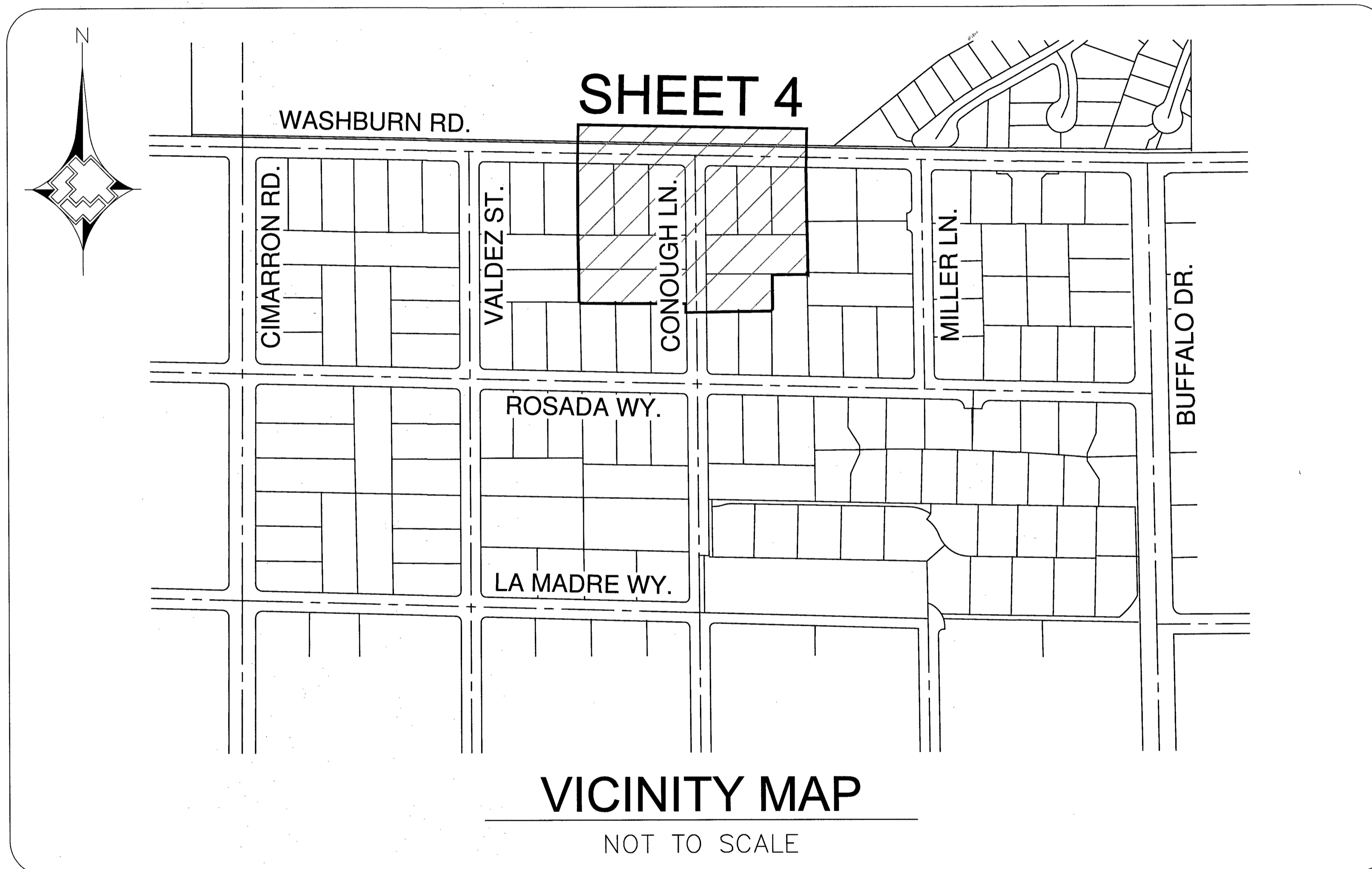
Approval 1/10/17 Date 5/1/17  
100V/6805-GAT

**Clark County**

Total footage located in Public ROW: 400'

**CLARK COUNTY PUBLIC WORKS  
DEVELOPMENT REVIEW  
APPROVED FOR PERMITTING**

NIGHT WORK - YES NO  
ENCROACHMENT PERMIT # \_\_\_\_\_  
BY \_\_\_\_\_ DATE \_\_\_\_\_



### LEGEND

- EXISTING GAS LINE
- GAS LINE TO BE ABANDONED
- EXISTING GAS SERVICE
- PROPOSED MAIN GAS LINE (NEW)
- PROPOSED SERVICE LATERAL (NEW)
- PROPOSED SERVICE LINE (NEW)
- RIGHT OF WAY LINE
- STREET CENTERLINE
- PROPERTY LINE
- BACK OF CURB
- MATCHLINE
- EXISTING ANODELESS RISER
- EXISTING ANODE RISER
- EXISTING GAS LIGHT
- EXISTING GAS VALVE
- PROPOSED MAIN CALL OUT
- ABANDONED FACILITIES CALL OUT
- GAS DIMENSIONS
- EXCESS FLOW VALVE

### SHEET INDEX

1. COVER SHEET
2. ABBREVIATIONS & NOTES
3. MATERIALS & SIGNATURES
4. DESIGN PLAN
5. DETAIL SHEET - A

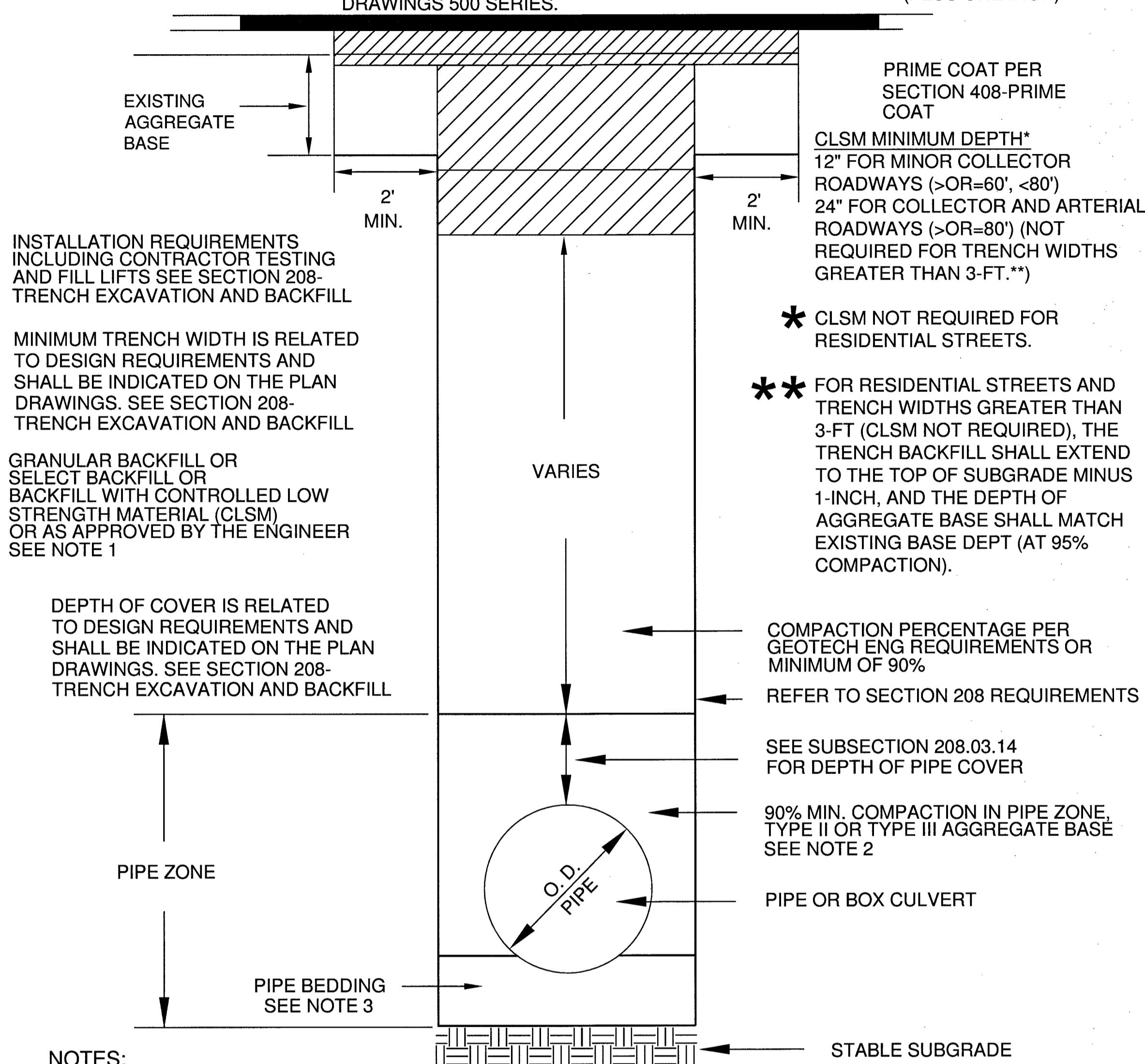


<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>BY</th> <th>DATE</th> <th>APPVD.</th> </tr> <tr> <td colspan="5" style="text-align: center;">REVISIONS</td> </tr> </table>		NO.	DESCRIPTION	BY	DATE	APPVD.	REVISIONS					CUSTOMERS: 0		AS-BUILT DRAWING-PRESSURE TEST DATA		INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION		CONSTRUCTION		ISOLATION AREA		W.R. NO.		ENGINEER/TECH: KURK DORMAN		PHONE: 702-365-2327	
		NO.	DESCRIPTION	BY	DATE	APPVD.																					
REVISIONS																											
PROPERTY UNITS		TEST MEDIUM		TEST METHOD		NAME		INSPECTOR		ISO_21_DIST_297		3329651		ACCOUNT REP:		PHONE:											
TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED	INSTL. COMPLETED	RETIRED	PERFORMED BY:	AS-BUILTS ACCEPTED BY:	DATE:	LOCATION	ATLAS #/TILE #	x591y548	x591y546	PROJECT CONTACT:		PHONE:											
										SEC 33		DATE: 02/07/2017		SHEET NO: 1 OF 5		SCALE: NTS											
										T19S R60E		DATE: 02/07/2017		DWN. BY: SEI		CHKD. BY:											
										M.D.M.		DATE: 02/07/2017		APPVD. BY:		TITLE											
										CLARK COUNTY/CITY OF LAS VEGAS		DATE: 02/07/2017		APPVD. BY:		2" PE MAIN RELOCATION FOR CLV											
										TAX CODE 02-0200, 02-0125		DATE: 02/07/2017		APPVD. BY:		STORM DRAIN/WASHBURN & CONOUGH											
										M.D.M.		DATE: 02/07/2017		APPVD. BY:		COVER SHEET											

4/19/17  
# 70092

MILL AND OVERLAY RESTORATION LIMITS TO BE DETERMINED BY ENTITY PLAN CHECK, WITH FINAL LIMITS SET BY FIELD INSPECTOR. REFER TO DRAWINGS 500 SERIES.

REMOVE AND REPLACE EXISTING A.C. MATCH EXISTING DEPTH (PLUS ONE INCH).



INSTALLATION REQUIREMENTS INCLUDING CONTRACTOR TESTING AND FILL LIFTS SEE SECTION 208-TRENCH EXCAVATION AND BACKFILL

MINIMUM TRENCH WIDTH IS RELATED TO DESIGN REQUIREMENTS AND SHALL BE INDICATED ON THE PLAN DRAWINGS. SEE SECTION 208-TRENCH EXCAVATION AND BACKFILL

GRANULAR BACKFILL OR SELECT BACKFILL OR BACKFILL WITH CONTROLLED LOW STRENGTH MATERIAL (CLSM) OR AS APPROVED BY THE ENGINEER SEE NOTE 1

DEPTH OF COVER IS RELATED TO DESIGN REQUIREMENTS AND SHALL BE INDICATED ON THE PLAN DRAWINGS. SEE SECTION 208-TRENCH EXCAVATION AND BACKFILL

CLSM MINIMUM DEPTH\*  
12" FOR MINOR COLLECTOR ROADWAYS (>OR=60', <80')  
24" FOR COLLECTOR AND ARTERIAL ROADWAYS (>OR=80') (NOT REQUIRED FOR TRENCH WIDTHS GREATER THAN 3-FT.\*\*)  
\* CLSM NOT REQUIRED FOR RESIDENTIAL STREETS.  
\*\* FOR RESIDENTIAL STREETS AND TRENCH WIDTHS GREATER THAN 3-FT (CLSM NOT REQUIRED), THE TRENCH BACKFILL SHALL EXTEND TO THE TOP OF SUBGRADE MINUS 1-INCH, AND THE DEPTH OF AGGREGATE BASE SHALL MATCH EXISTING BASE DEPT (AT 95% COMPACTION).

COMPACTION PERCENTAGE PER GEOTECH ENG REQUIREMENTS OR MINIMUM OF 90% REFER TO SECTION 208 REQUIREMENTS

SEE SUBSECTION 208.03.14 FOR DEPTH OF PIPE COVER

90% MIN. COMPACTION IN PIPE ZONE. TYPE II OR TYPE III AGGREGATE BASE SEE NOTE 2

PIPE OR BOX CULVERT

STABLE SUBGRADE

NOTES:

- NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
- TRENCH WIDTH, BEDDING, SUBGRADE AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE ENTITY REQUIREMENTS.
- 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.
- LAS VEGAS VALLEY WATER DISTRICT REQUIRES PIPE BEDDING AND BACKFILL WITHIN THE PIPE ZONE TO BE OF THE SAME MATERIAL.

RTC STD DWG 503



ABBREVIATIONS

AB	ABANDONED	OC	ON CENTER
AC	ASPHALTIC CONCRETE	OD	OUTSIDE DIAMETER
ACP	ASBESTOS CEMENT PIPE	OH	OVERHEAD
AIM	AREA ISOLATION MODULE	OHP	OVERHEAD POWER
BLVD	BOULEVARD	P	POWER
BM	BENCHMARK	PAOP	POTENTIAL ALLOWABLE OPERATING PRESSURE
BMI	BLACK MOUNTAIN INDUSTRIAL	PCC	PORTLAND CEMENT CONCRETE
BO	BLOW OFF	PE	POLYETHYLENE PIPE
BTU	BRITISH THERMAL UNIT	PH	POT HOLE
BWC	BASIC WATER COMPANY	PHMSA	PIPELINE & HAZARDOUS MATERIALS SAFETY ADMINISTRATION
COBC	CITY OF BOULDER CITY	PL	PROPERTY LINE
CC	CLARK COUNTY	PIC	POTENTIAL IMPACT CIRCLE
CCAUSD	CLARK COUNTY AREA UNIFORM STANDARD DRAWING	PLS	PRESSURE LIMITING STATION
CCRFCD	CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT	PP	POWER POLE
CCWRD	CLARK COUNTY WATER RECLAMATION DISTRICT	PQF	PREQUALIFIED FITTING
CIP	CAST IRON PIPE	PVC	POLYVINYL CHLORIDE
CL	CENTERLINE	RAM	RISK ASSESSMENT MODEL
CLV	CITY OF LAS VEGAS	RC	REINFORCED CONCRETE
CNLV	CITY OF NORTH LAS VEGAS	RCP	REINFORCED CONCRETE PIPE
COH	CITY OF HENDERSON	SD	STORM DRAIN
DET	DETAIL	SDMH	STORM DRAIN MANHOLE
DI	DUCTILE IRON	SDR	STANDARD DIMENSION RATIO
DIA	DIAMETER	SF	SQUARE FOOT
DIMP	DISTRIBUTION INTEGRITY MANAGEMENT PROGRAM	SHT	SHEET
DNR	DOES NOT REGISTER	SHP	STEEL HIGH PRESSURE PIPE
DWG	DRAWING	SMYS	SPECIFIED MAXIMUM YIELD STRENGTH
EG	EXISTING GROUND	SNWA	SOUTHERN NEVADA WATER AUTHORITY
EHDD	EFFECTIVE HEATING DEGREE DAY	SS	SANITARY SEWER
ELEC	ELECTRICAL	SST	STAINLESS STEEL
ELEV	ELEVATION	ST	STREET
EMRS	ELECTRONIC MAPPING RECORDS SYSTEM	STA	STATION
EPR	ELECTRONIC PRESSURE RECORDERS	STD	STRENGTH TEST DRAWING
ESMT	EASEMENT	STL	STEEL
EX	EXISTING	SWG	SOUTHWEST GAS
FERC	FEDERAL ENERGY REGULATORY COMMISSION	TEL	TELEPHONE
FOS	FACILITY OUT OF SERVICE	TB	THRUST BLOCK
FH	FIRE HYDRANT	TOP	TOP OF PIPE
GIR	GAS INFRASTRUCTURE REPLACEMENT	TP	TEST POINT
GPR	GAS PRESSURE REGULATOR	TRIMP	TRANSMISSION INTEGRITY MANAGEMENT PROGRAM
HCA	HIGH CONSEQUENCE AREA	UDACS	UNIFORM DESIGN AND CONSTRUCTION STANDARDS
HDD	HEATING DEGREE DAY	UOC	UNUSUAL OPERATING CONDITIONS
HDPE	HIGH DENSITY POLYETHYLENE PIPE	UOP	UNIT OF PROPERTY
HP	HIGH PRESSURE	UPRR	UNION PACIFIC RAILROAD
HERS	HOME ENERGY RATING SYSTEM	USD	UNIFORM STANDARD DRAWING
HOP	HISTORIC OPERATING PROCEDURE	VCP	VITRIFIED CLAY PIPE
HVTT	HIGH VOLUME TAPPING TEE	VERT	VERTICAL
ID	INSIDE DIAMETER	VG	VALLEY GUTTER
IN	INCH(ES)	VSP	VINTAGE STEEL PIPE
IPS	IRON PIPE SIZE	W	WATER
IS	IDENTIFIED SITE	WMS	WORK MANAGEMENT SYSTEM
JT	JOINT TRENCH	WR	WORK REQUEST
KRG	KERN RIVER GAS COMPANY	WT	WALL THICKNESS
LDCPE	LARGE DIAMETER COILED POLYETHYLENE PIPE	WV	WATER VALVE
LVVWD	LAS VEGAS VALLEY WATER DISTRICT	YD	YARD(S)
MAOP	MAXIMUM ALLOWABLE OPERATING PRESSURE		
MCFH	THOUSAND CUBIC FEET PER HOUR		
MH	MANHOLE		
MOP	MAXIMUM OPERATING PRESSURE		
MSA	METER SET ASSEMBLY		
MVP	MAPPING VERIFICATION PROCEDURE		
NAP	NOT A PART		
NDOT	NEVADA DEPARTMENT OF TRANSPORTATION		
NTSB	NATIONAL TRANSPORTATION SAFETY BOARD		
NTS	NOT TO SCALE		

CONSTRUCTION NOTES

- SUGGESTED GAS LOCATIONS ARE TO CLEAR SUBSTRUCTURES LOCATED IN FIELD.
- ALL PIPELINE CONSTRUCTION SHALL CONFORM TO APPLICABLE JURISDICTION SPECIFICATIONS. DO NOT SCALE THIS DRAWING.
- SEE AC'S FOR SERVICE REPLACEMENT.
- CHANGE IN PROPOSED MAIN LOCATION MUST BE AUTHORIZED BY SWG ENGINEER PRIOR TO INSTALLATION.
- GAS MAINS SHALL BE PURGED PER OPERATIONS MANUAL. ABANDONED SERVICE NO ACTION REQUIRED.
- REPLACE ALL ACTIVE SERVICES INCLUDING AA, PVC, M7000 PE, M8000 PE, EXCEPT WHERE EXISTING M8100 PE SERVICES ARE VERIFIED, INSPECTED, AND APPROVED FOR TIE-OVER BY SWG INSPECTOR.
- EXISTING SERVICES, VERIFICATION, AND INSPECTION REQUIRED FROM MAIN TO RISER. TIE INTO NEW MAIN IF APPROVED BY SWG INSPECTOR. REPLACE ALL AA, PVC, M7000 PE, AND M8000 PE SERVICES. M8100 PE SERVICES TO BE VERIFIED, INSPECTED AND APPROVED BY SWG INSPECTOR.
- EXISTING SERVICE, UNKNOWN TYPE, SIZE, AND LOCATION TO BE VERIFIED.
- REPLACEMENT SERVICES TO BE SINGLE OR BRANCHED. NO CROSS-LOT REPLACEMENT SERVICES PERMITTED.
- REPLACE ALL ANODE RISERS WITH ANODELESS RISERS.
- ALL EXISTING UTILITY LOCATION TO BE VERIFIED PRIOR TO START OF CONSTRUCTION.
- CONTACT ENGINEERING FOR BYPASS INFORMATION.
- ALL SHORING REQUIREMENTS SHALL CONFORM TO APPLICABLE PORTIONS OF THE OPERATIONS MANUAL. REQUEST FOR SURVEYING AND/OR STAKING WILL BE SUBMITTED TO ENGINEERING 72 HOURS IN ADVANCE, MINIMUM.
- TRENCHING AND PAVEMENT REPLACEMENT SHALL CONFORM WITH RTC STANDARD 500.4 & 500.5. AND UNIFORM STANDARD SPEC SECTION 208.
- ALL PROPOSED DISTRIBUTION SERVICE TIE - OVERS SHALL BE 1" PE WITH EFV'S SIZED PER THE AC LIST.
- SOUTHWEST GAS AND ITS CONTRACTORS WILL USE A COMBINATION OF STORMWATER BMPs INCLUDING, BUT NOT LIMITED TO, RICE STRAW WATTLES, SILT SOFTENER BAGS, AND CURB INLET FILTERS TO BE INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC:

- A1 500.4
- A2 500.5

NO.	DESCRIPTION	BY	DATE	APPVD.

REVISIONS

TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED	INSTL. COMPLETED	RETIRED

PROPERTY UNITS

AS-BUILT DRAWING-PRESSURE TEST DATA

TEST MEDIUM:  AIR  GAUGE  NITROGEN  CHART  WATER  SOAP  GAUGE/ PRESS REC SW

TEST PRES. (PSIG): (MAX) \_\_\_\_\_ (MIN) \_\_\_\_\_

TIME: (START) \_\_\_\_\_ (STOP) \_\_\_\_\_

DATE: (START) \_\_\_\_\_ (STOP) \_\_\_\_\_

PERFORMED BY: \_\_\_\_\_

SWG VERIFIED BY: \_\_\_\_\_

INDIVIDUAL PERFORMING VISUAL INSPECTION 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 QCD BY: \_\_\_\_\_ DATE: \_\_\_\_\_

CONSTRUCTION

INSPECTOR: \_\_\_\_\_

FOREMAN: \_\_\_\_\_

REVIEWED BY: \_\_\_\_\_

PERMIT INFORMATION

CLARK COUNTY/CITY OF LAS VEGAS

TAX CODE 02-0200, 02-0125

ISOLATION AREA: ISO\_21\_DIST\_297

W.R. NO.: 3329651

LOCATION: SEC 33 T19S R60E

ATLAS #/TITLE #: x591y548 x591y546

M.D.M.

ENGINEER/TECH: KURK DORMAN

ACCOUNT REP: \_\_\_\_\_

PROJECT CONTACT: \_\_\_\_\_

SHEET NO: 2 OF 5

DWN. BY: SEI

SCALE: NTS

CHKD. BY: \_\_\_\_\_

DATE: 02/07/2017

APPVD. BY: \_\_\_\_\_

TITLE: 2" PE MAIN RELOCATION FOR CLV STORM DRAIN/WASHBURN & CONOUGH ABBREVIATIONS & NOTES

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
①	340'		100-5101	2" PE MAIN
②	1		160-8174	4"X2" PE TAPPING TEE
③	1		140-3060	2" PE CAP
④	3'		100-5201	4" PE MAIN

PROPOSED ABANDONED FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
①	324'		3760102	ABANDON EX. 2" PE '96 MOP 43#
②	3'		3760104	ABANDON EX. 4" PE '96 MOP 43#

VISUAL INSPECTION (OQ/PJQ)

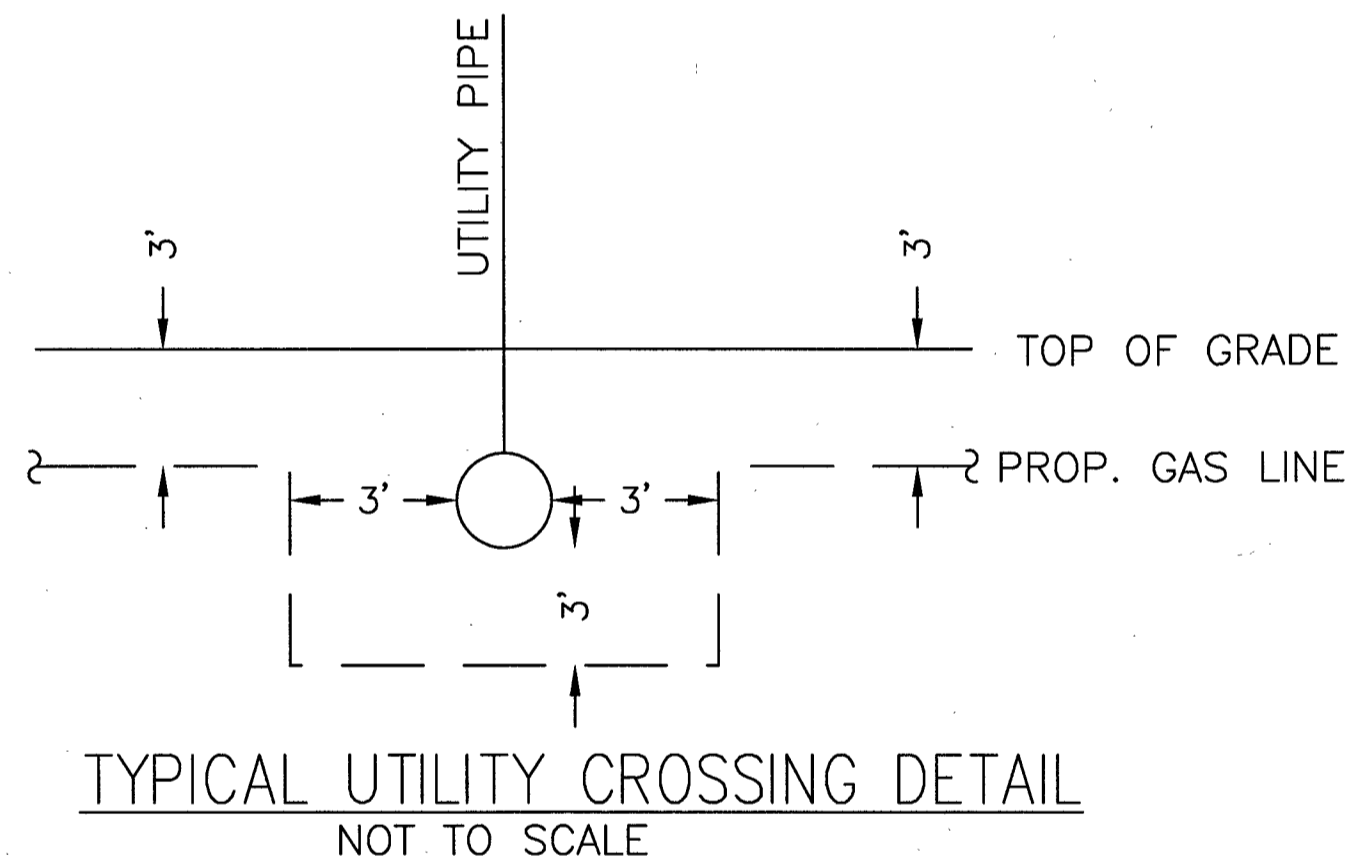
\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_



SYSTEM D\_VALLEY\_WIDE

DR. NO. 21DR10002640

SEGMENT M.A.O.P. N/A

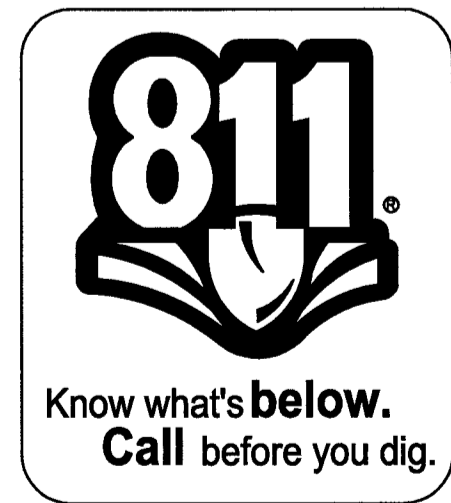
SYSTEM M.A.O.P. 43 PSIG

SYSTEM M.O.P. 43 PSIG

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

PRINT: \_\_\_\_\_ DATE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_



NO.	DESCRIPTION	BY	DATE	APPVD.	TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED	INSTL. COMPLETED	RETIRED	PROPERTY UNITS
1.					02-0200							
2.						3800101	1" PE		60'			
3.												
4.					02-0125							
						3760102	2" PE	340'	324'			
						3800101	1" PE	60'				
						3760104	4" PE	3'	3'			

AS-BUILT DRAWING-PRESSURE TEST DATA			
PIPE DIA.	TEST MEDIUM	TEST METHOD	
_____	<input type="checkbox"/> AIR	<input type="checkbox"/> GAUGE	
_____	<input type="checkbox"/> NITROGEN	<input type="checkbox"/> CHART	
_____	<input type="checkbox"/> WATER	<input type="checkbox"/> GAUGE/ PRESS REC SN#	
_____	<input type="checkbox"/> SOAP		
MIN. DURATION _____			
TEST PRES. (PSIG): (MAX) _____ (MIN) _____			
TIME: (START) _____ (STOP) _____			
DATE: (START) _____ (STOP) _____			
PERFORMED BY: _____			
SWG VERIFIED BY: _____			

INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION			
I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS THAT I HAVE PERFORMED			
NAME	PERFORMED	DATE	
_____	_____	_____	
_____	_____	_____	
_____	_____	_____	
AS-BUILTS ACCEPTED BY _____	DATE _____		
POSTED BY _____	DATE _____		
POSTING QC'D BY _____	DATE _____		

CONSTRUCTION	
INSPECTOR _____	
FOREMAN _____	
REVIEWED BY _____	
PERMIT INFORMATION	
CLARK COUNTY/CITY OF LAS VEGAS	TAX CODE 02-0200, 02-0125

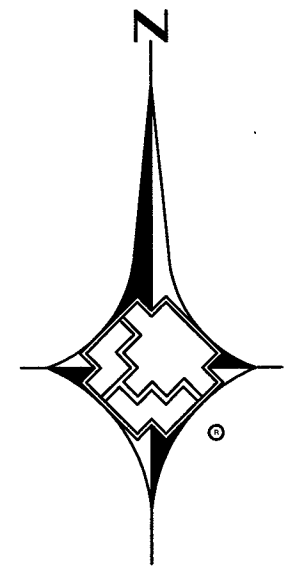
  

ISOLATION AREA	W.R. NO.
ISO_21_DIST_297	3329651
LOCATION	ATLAS #/TILE #
SEC 33 T19S R60E	x591y548 x591y546
M.D.M.	

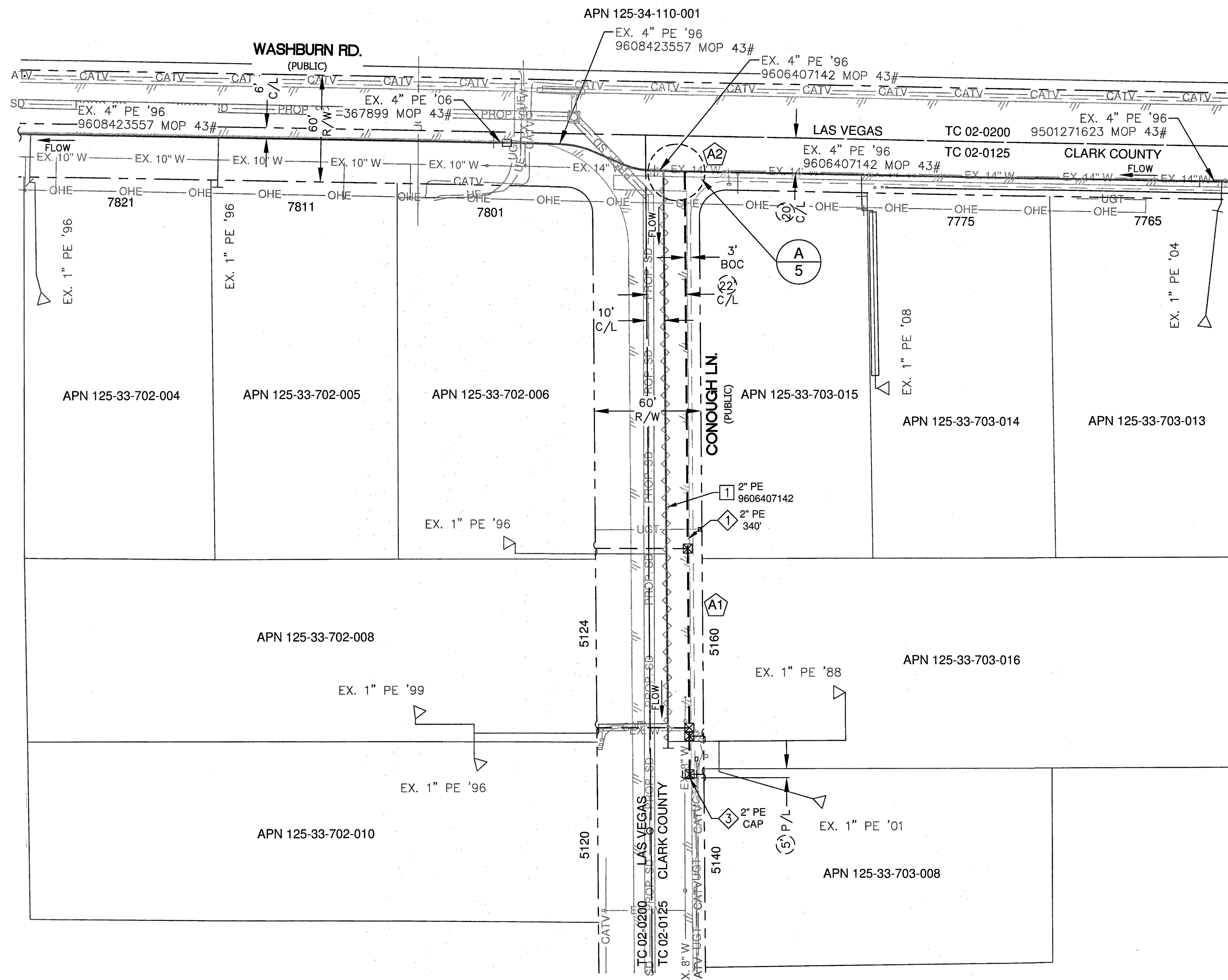
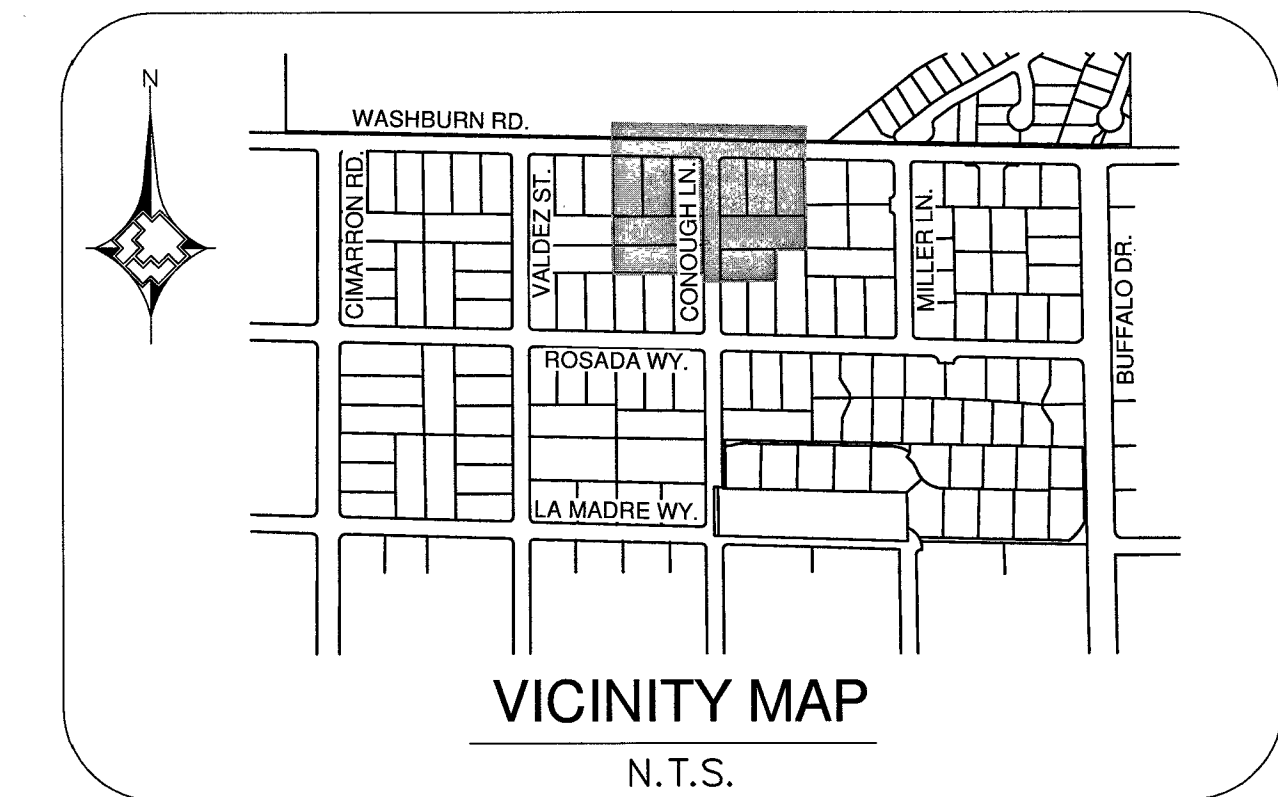
  

ENGINEER/TECH: KURK DORMAN				PHONE: 702-365-2327
ACCOUNT REP:				PHONE:
PROJECT CONTACT:				PHONE:
SHEET NO: 3 OF 5	SCALE: NTS	DATE: 02/07/2017		
DWN. BY: SEI	CHKD. BY:	APPVD. BY:		
TITLE				
<b>2" PE MAIN RELOCATION FOR CLV STORM DRAIN/WASHBURN &amp; CONOUGH MATERIALS &amp; SIGNATURES</b>				





0 1" = 40' 40



**MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES**

ITEM#	STOCK ID#	DESCRIPTION
1	100-5101	2" PE MAIN
3	140-3060	2" PE CAP

**NOTE:**

ALL PROPOSED DISTRIBUTION SERVICE TIE-OVERS SHALL BE 1' PE WITH EFV's SIZED PER THE AC LIST.

**PROPOSED ABANDONED FACILITIES**

ITEM#	STOCK ID#	DESCRIPTION
1	3760102	ABANDON EX. 2" PE '96 MOP 43#



**RTC NOTES:**

PAVEMENT REPAIR SHALL CONFORM TO RTC:

A1 500.4

A2 500.5

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

REVISIONS					
TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED	INSTL. COMPLETED

AS-BUILT DRAWING-PRESSURE TEST DATA			
PIPE DIA.	TEST MEDIUM	TEST METHOD	
	<input type="checkbox"/> AIR	<input type="checkbox"/> GAUGE	
	<input type="checkbox"/> NITROGEN	<input type="checkbox"/> CHART	
	<input type="checkbox"/> WATER	<input type="checkbox"/> GAUGE	
	<input type="checkbox"/> SOAP	<input type="checkbox"/> PRESS REC SN#	
MIN. DURATION			
TEST PRES. (PSIG): (MAX)		(MIN)	
TIME: (START)		(STOP)	
DATE: (START)		(STOP)	
PERFORMED BY:			
SWG VERIFIED BY:			

INDIVIDUAL PERFORMING VISUAL INSPECTION 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 QCD BY	DATE		

CONSTRUCTION	
INSPECTOR	
FOREMAN	
REVIEWED BY	SEE SHEET 3
PERMIT INFORMATION	
CLARK COUNTY/CITY OF LAS VEGAS	
TAX CODE 02-0200, 02-0125	

ISOLATION AREA	W.R. NO.
ISO_21_DIST_297	3329651
LOCATION	ATLAS #/TITLE #
SEC 33 T19S R60E	x591y548 x591y546
M.D.M.	

ENGINEER/TECH: KURK DORMAN	PHONE: 702-365-2327
ACCOUNT REP:	PHONE:
PROJECT CONTACT:	PHONE:
SHEET NO: 4 OF 5	SCALE: 1"=40'
DWN. BY: SEI	CHKD. BY:
	DATE: 02/07/2017
	APPVD. BY:
TITLE	
2" PE MAIN RELOCATION FOR CLV STORM DRAIN/WASHBURN & CONOUGH DESIGN PLAN	



**MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES**

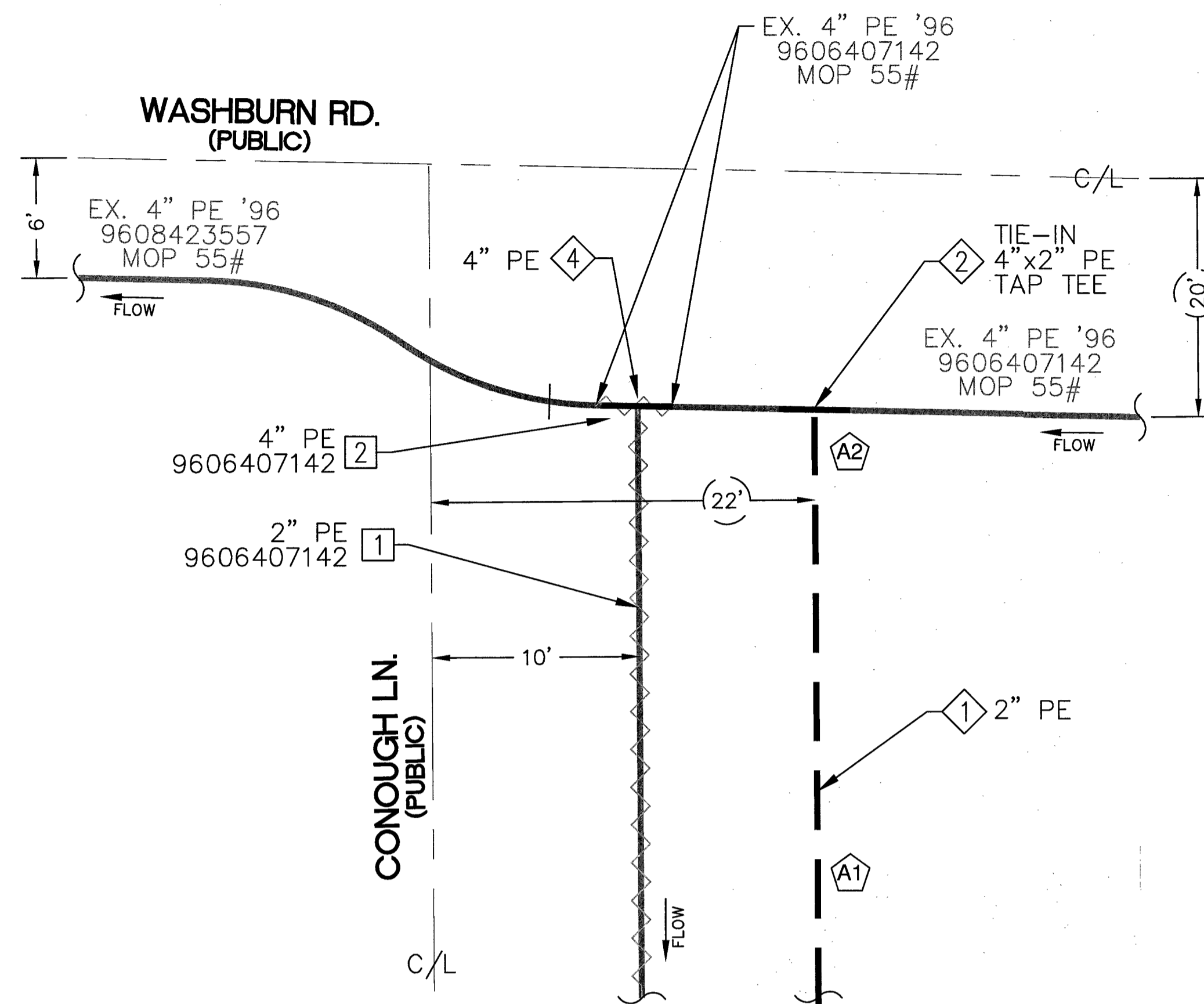
ITEM#	STOCK ID#	DESCRIPTION
①	100-5101	2" PE MAIN
②	160-8174	4"x2" PE TAPPING TEE
④	100-5201	4" PE MAIN

**NOTE:**

ALL PROPOSED DISTRIBUTION SERVICES TO BE TIED OVER WITH 1" PE

**PROPOSED ABANDONED FACILITIES**

ITEM#	STOCK ID#	DESCRIPTION
①	3760102	ABANDON EX. 2" PE '96 MOP 43#
②	3760104	ABANDON EX. 4" PE '96 MOP 43#

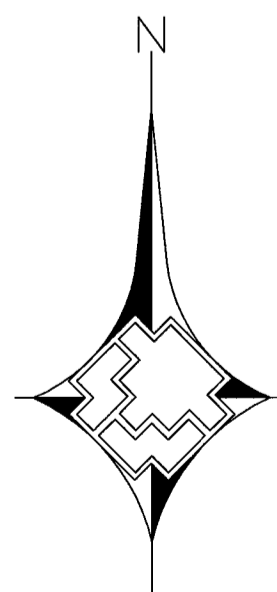


**DETAIL**  
(SEE SHEET 4)  
NTS

**RTC NOTES:**

PAVEMENT REPAIR SHALL CONFORM TO RTC:

- ① 500.4
- ② 500.5



NO.	DESCRIPTION	BY	DATE	APPVD.

REVISIONS

**SOUTHWEST GAS CORPORATION**

TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED	INSTL. COMPLETED	RETIRED

PROPERTY UNITS

AS-BUILT DRAWING-PRESSURE TEST DATA

TEST MEDIUM TEST METHOD

PIPE DIA. \_\_\_\_\_ TEST MEDIUM  AIR  GAUGE

PIPE LENGTH \_\_\_\_\_  NITROGEN  CHART

PIPE TYPE \_\_\_\_\_  WATER  GAUGE/PRESS REC SN#

MIN. DURATION \_\_\_\_\_  SOAP \_\_\_\_\_

TEST PRES. (PSIG): (MAX) \_\_\_\_\_ (MIN) \_\_\_\_\_

TIME: (START) \_\_\_\_\_ (STOP) \_\_\_\_\_

DATE: (START) \_\_\_\_\_ (STOP) \_\_\_\_\_

PERFORMED BY: \_\_\_\_\_

SWG VERIFIED BY: \_\_\_\_\_

INDIVIDUAL PERFORMING VISUAL INSPECTION 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

CLARK COUNTY/CITY OF LAS VEGAS

TAX CODE 02-0200, 02-0125

ISOLATION AREA

ISO\_21\_DIST\_297

W.R. NO.

3329651

LOCATION

SEC 33

T19S R60E

M.D.M.

ATLAS #/TILE #

x591y548

x591y546

ENGINEER/TECH: KURK DORMAN

PHONE: 702-365-2327

ACCOUNT REP: \_\_\_\_\_

PHONE: \_\_\_\_\_

PROJECT CONTACT: \_\_\_\_\_

PHONE: \_\_\_\_\_

SHEET NO: 5 OF 5

SCALE: NTS

DATE: 02/07/2017

DWN. BY: SEI

CHKD. BY: \_\_\_\_\_

APPVD. BY: \_\_\_\_\_

TITLE

**2" PE MAIN RELOCATION FOR CLV**

**STORM DRAIN/WASHBURN & CONOUGH**

**DETAIL SHEET - A**