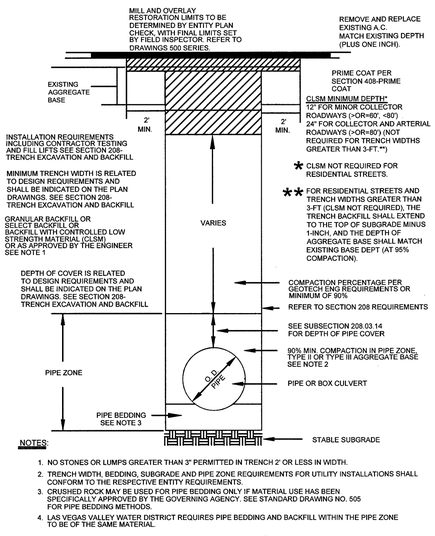
SOUTHWEST GAS CORPORATION

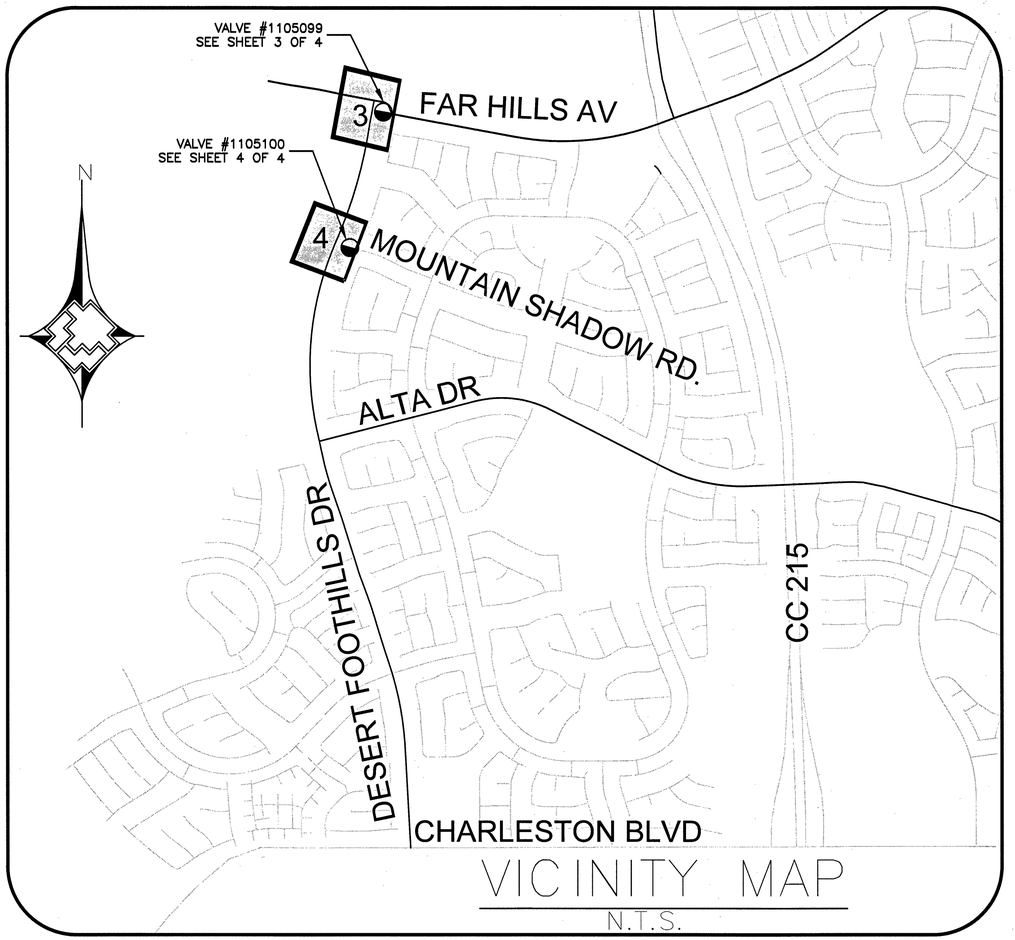
ISOLATION SEPARATION
AREAS 323 & 324
CITY OF LAS VEGAS, NV
WR #2016450



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



VICINITY MAP
N.T.S.

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
- SIDEWALK/DRIVEWAY
- MATCHLINE
- EASEMENT
- EXISTING ANODELESS RISER
- EXISTING ANODE RISER
- EXISTING GAS LIGHT
- EXISTING GAS VALVE
- SAWCUT & PATCH

SHEET INDEX

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

TOTAL FOOTAGE LOCATED IN CLV R/W 11'

APPROVED FOR CONSTRUCTION

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

APPROVAL 6/1/17 DATE

Hansen 70362 Dwg 107V6829-GAS

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)

PROPERTY UNITS

AS-BUILT DRAWING-PRESSURE TEST DATA

PIPE DIA. _____
PIPE LENGTH _____
PIPE TYPE _____
MIN. DURATION _____
TEST PRES. (PSIG) _____
TIME _____
DATE _____
PERFORMED BY _____

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

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 SEE SHEET 2

PERMIT INFORMATION

CITY OF LAS VEGAS

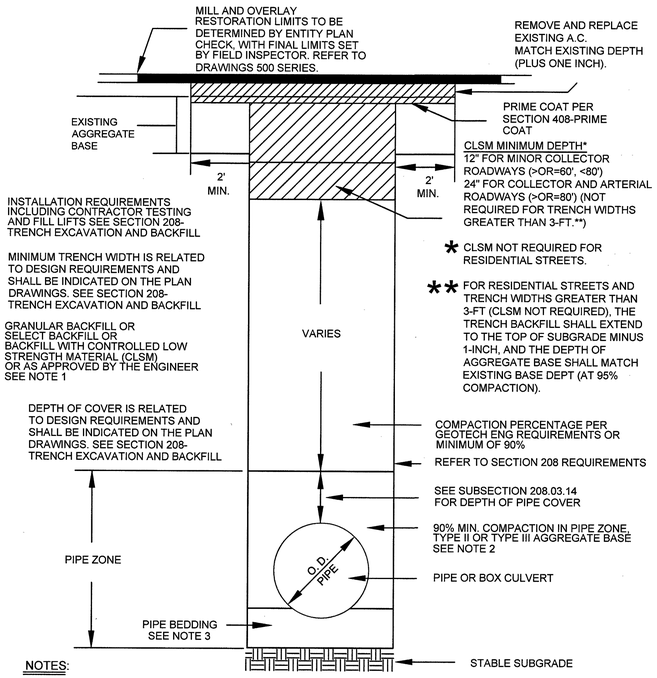
TAX CODE 02-0200

ISOLATION AREA	W.R. NO.
323, 324	2016450
LOCATION	**ATLAS #/TILE #**
T20S R59E SEC 27 M.D.M.	x567y520 x567y518

ENGINEER/TECH: JAMES FRAME	PHONE: 702-365-2172
ACCOUNT REP:	PHONE:
PROJECT CONTACT: JAMES FRAME	PHONE: 702-365-2172
SHEET NO: 1 OF 4	SCALE: N.T.S.
DWN. BY: ZONE ENG	CHKD. BY:
DATE: 5/16/17	APPVD. BY:

TITLE

ISOLATION SEPARATION AREAS 323 & 324



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

PROPOSED FACILITIES:

1. PROP. 6" PE MAIN
2. PROP. 6" VALVE (120-8545)
3. PROP. 6" PE COUPLING (140-3445)
4. PROP. 6"x1/2" SVC TEE (160-8058)
5. PROP. 4" PE MAIN
6. PROP. 4" PE VALVE (120-8604)
7. PROP. 4" PE COUPLING (140-3530)
8. PROP. 4"x1/2" SVC TEE (160-8246)

ABANDONED FACILITIES:

		QTY.
A1	ABANDON EX. 6" PE '02 MOP 55#	5'
A2	ABANDON EX. 4" PE '01 MOP 55#	2'

CONSTRUCTION NOTES

1. GAS MAINS SHALL BE PURGED PER OPERATION MANUAL.
2. ALL PIPELINE CONSTRUCTION SHALL CONFORM TO APPLICABLE JURISDICTION SPECIFICATIONS.
3. DO NOT SCALE THIS DRAWING.
4. ALL VALVES TO HAVE STANDS WITH COVERS.
5. WORK AREAS WILL BE 5' X 15' UNLESS OTHER WISE NOTED.
6. ALL VALVE ASSEMBLIES WILL BE A MAXIMUM OF 10' FEET IN LENGTH UNLESS OTHERWISE NOTED OR REQUIRED.
7. TRENCH AND BACKFILL, CONFORM WITH UNIFORM STANDARDS, SPECS, SECTION 208 AND RTC STANDARD 503.
8. STREETS GREATER THAN 60' RIGHT-OF-WAY LONGITUDINAL CUT OVER 5 YEARS OLD, COMPLY WITH RTC STANDARD 500.3.
9. STREETS LESS THAN 60' RIGHT-OF-WAY LONGITUDINAL CUT OVER 5 YEARS OLD, COMPLY WITH RTC STANDARD 500.4.
10. PROTECT EXISTING VALLEY GUTTERS IN PLACE WHEN CROSSING. BORE DO NOT CUT.
11. CAUTION: HIGH PRESSURE GAS!CALL SOUTHWEST GAS AT 702-651-2111 48 HOURS IN ADVANCE FOR STANDBY WHEN EXCAVATING OVER OR NEAR HIGH PRESSURE GAS LINES.

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC: STANDARD(S):

A1 500.3

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

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

PRINT:_____ DATE:_____

SIGNATURE:_____

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)
	3800106	6" PE	5'	5'		
	3800104	4" PE	2'	2'		

PROPERTY UNITS

AS-BUILT DRAWING-PRESSURE TEST DATA

PIPE DIA. _____ TEST MEDIUM: ☐ AIR ☐ NITROGEN ☐ WATER ☐ SOAP — TEST METHOD: ☐ GAUGE ☐ CHART

PIPE LENGTH _____

PIPE TYPE _____

MIN. DURATION _____ 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

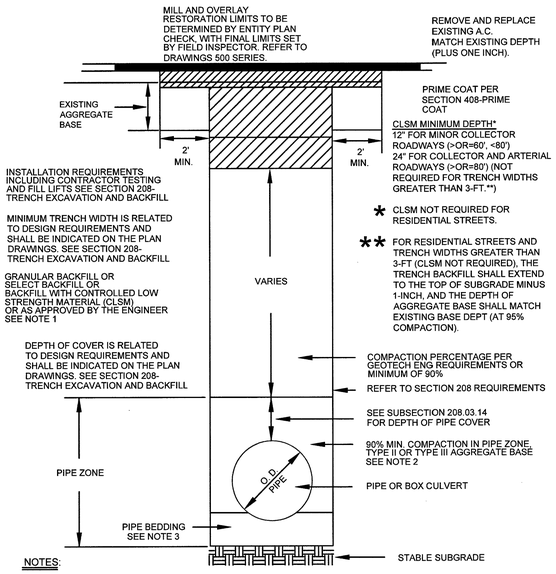
TAX CODE
02-0200

ISOLATION AREA	W.R. NO.
323 324	2016450
LOCATION	**ATLAS #/TILE #**
T20S R59E SEC 27 M.D.M.	x567y520 x567y518

ENGINEER/TECH: JAMES FRAME	PHONE: 702-365-2172
ACCOUNT REP:	PHONE:
PROJECT CONTACT: JAMES FRAME	PHONE: 702-365-2172
SHEET NO: 2 OF 4 — SCALE: N.T.S.	DATE: 5/16/17
DWN. BY: ZONE ENG — CHKD. BY:	APPVD. BY:

TITLE

ISOLATION SEPARATION AREAS 323 & 324



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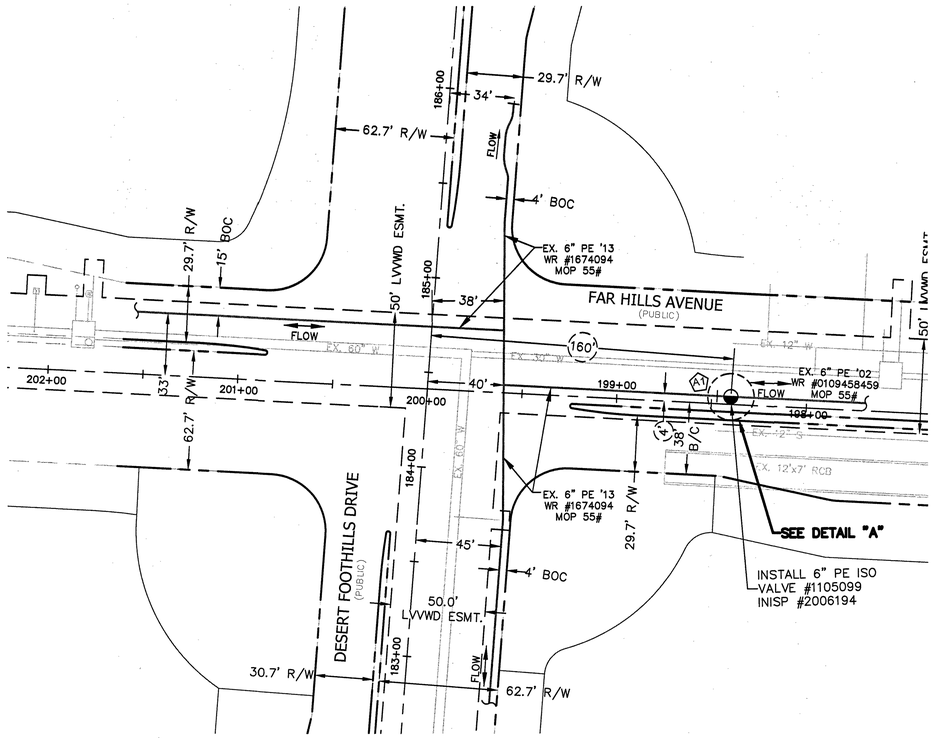
RTC STD DWG 503

ISO 323 & 324
VALVE#1105099
INISP#2006194
TILE x567y520
TAX CODE 02-0200
T20S R59E S27



PROPOSED FACILITIES:

1. PROP. 6" PE MAIN
2. PROP. 6" VALVE (120-8545)
3. PROP. 6" PE COUPLING (140-3445)
4. PROP. 6"x1/2" SVC TEE (160-8058)

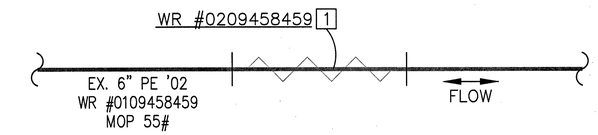
ABANDONED FACILITIES:

1. ABANDON EX. 6" PE '02 MOP 55#

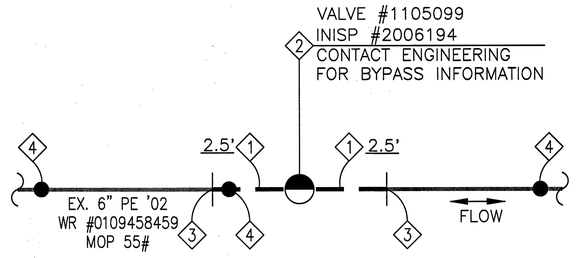
RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC: STANDARD(S):

A1 500.3



A - VALVE DETAIL - ABANDOMENT
N.T.S.



A - VALVE DETAIL - INSTALLATION
N.T.S.

SYSTEM	D_W_VALLEY
DR. NO.	21DR10002580
SEGMENT M.A.O.P.	N/A
SYSTEM M.A.O.P.	60
SYSTEM M.O.P.	55

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

AS-BUILT DRAWING-PRESSURE TEST DATA

	TEST MEDIUM	TEST METHOD
PIPE DIA.	☐ AIR ☐ NITROGEN ☐ WATER ☐ SOAP	☐ GAUGE ☐ CHART
PIPE LENGTH		GAUGE/ PRESS REC SN#
PIPE TYPE		
MIN. DURATION	START	END
TEST PRES. (PSIG)		
TIME		
DATE		
PERFORMED BY		

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)

PROPERTY UNITS

AS-BUILT DRAWING-PRESSURE TEST DATA

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PIPE LENGTH		GAUGE/ PRESS REC SN#
PIPE TYPE		
MIN. DURATION	START	END
TEST PRES. (PSIG)		
TIME		
DATE		
PERFORMED BY		

SEE SHEET 2

VISUAL INSPECTION CERTIFICATION

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

NAME _____ DATE _____

SEE SHEET 2

AS-BUILTS ACCEPTED BY _____ DATE _____

POSTED BY _____ DATE _____

POSTING QC'D BY _____ DATE _____

CONSTRUCTION

INSPECTOR _____

FOREMAN _____

REVIEWED BY _____

SEE SHEET 2

PERMIT INFORMATION

CITY OF LAS VEGAS

TAX CODE
02-0200

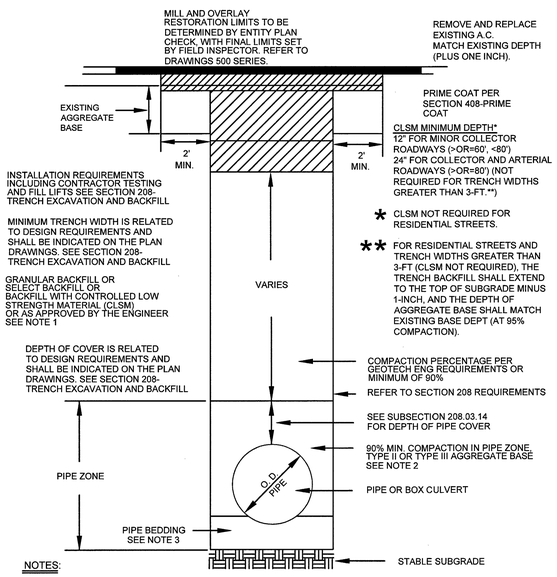
ISOLATION AREA	W.R. NO.
323 324	2016450

LOCATION	ATLAS #/TILE #
T20S R59E SEC 27 M.D.M.	x567y520 x567y518

ENGINEER/TECH: JAMES FRAME			PHONE: 702-365-2172
ACCOUNT REP:			PHONE:
PROJECT CONTACT: JAMES FRAME			PHONE: 702-365-2172
SHEET NO: 3 OF 4	SCALE: 1"=40'		DATE: 5/16/17
DWN. BY: ZONE ENG	CHKD. BY:		APPVD. BY:

TITLE

ISOLATION SEPARATION AREAS 323 & 324



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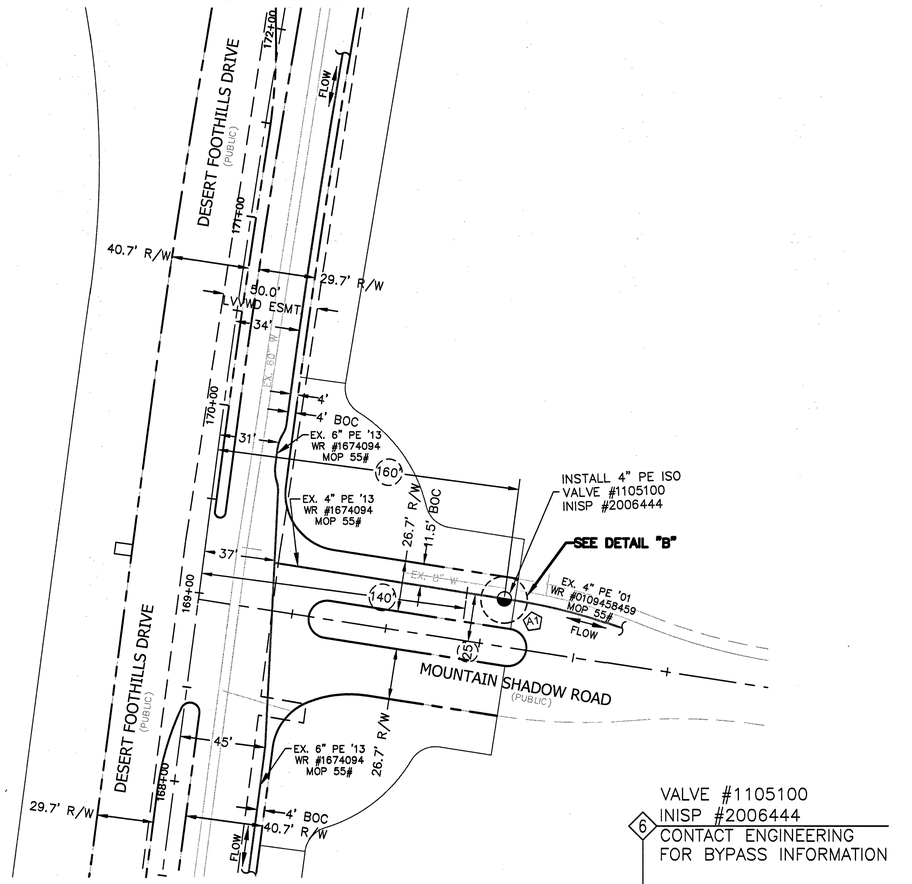
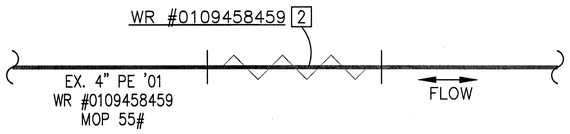
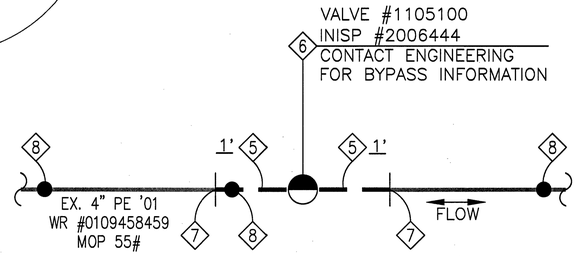
RTC STD DWG 503

ISO 323 & 324
VALVE#1105100
INISP#2006444
TILE x567y518
TAX CODE 02-0200
T20S R59E S27







PROPOSED FACILITIES:

- 5 PROP. 4" PE
- 6 PROP. 4" PE VALVE (120-8604)
- 7 PROP. 4" PE COUPLING (140-3530)
- 8 PROP. 4"x1/2" SVC TEE (160-8246)

ABANDONED FACILITIES:

- 2 ABANDON EX. 4" PE '01 MOP 55#

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC: STANDARD(S):

- A1 500.3

SYSTEM	D_W_VALLEY
DR. NO.	21DR10002580
SEGMENT M.A.O.P.	N/A
SYSTEM M.A.O.P.	60
SYSTEM M.O.P.	55

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

B - VALVE DETAIL - ABANDOMENT
N.T.S.

B - VALVE DETAIL - INSTALLATION
N.T.S.

AS-BUILT DRAWING-PRESSURE TEST DATA

	TEST MEDIUM	TEST METHOD
PIPE DIA.	☐ AIR	☐ GAUGE
PIPE LENGTH	☐ NITROGEN	☐ CHART
PIPE TYPE	☐ WATER	GAUGE/
MIN. DURATION	☐ SOAP	PRESS REC SN#
	START	END
TEST PRES. (PSIG)		
TIME		
DATE		
PERFORMED BY		

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

PROPERTY UNITS

AS-BUILT DRAWING-PRESSURE TEST DATA

	TEST MEDIUM	TEST METHOD
PIPE DIA.	☐ AIR	☐ GAUGE
PIPE LENGTH	☐ NITROGEN	☐ CHART
PIPE TYPE	☐ WATER	GAUGE/
MIN. DURATION	☐ SOAP	PRESS REC SN#
	START	END
TEST PRES. (PSIG)		
TIME		
DATE		
PERFORMED BY		

SEE SHEET 2

VISUAL INSPECTION CERTIFICATION

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

NAME _____ DATE _____

SEE SHEET 2

AS-BUILTS ACCEPTED BY _____ DATE _____

POSTED BY _____ DATE _____

POSTING QC'D BY _____ DATE _____

CONSTRUCTION

INSPECTOR _____

FOREMAN _____

REVIEWED BY _____ SEE SHEET 2

PERMIT INFORMATION

CITY OF LAS VEGAS

TAX CODE
02-0200

ISOLATION AREA	W.R. NO.
323 324	2016450
LOCATION	**ATLAS #/TILE #**
T20S R59E SEC 27 M.D.M.	x567y520 x567y518

ENGINEER/TECH: JAMES FRAME	PHONE: 702-365-2172
ACCOUNT REP:	PHONE:
PROJECT CONTACT: JAMES FRAME	PHONE: 702-365-2172
SHEET NO: 4 OF 4 / SCALE: N.T.S.	DATE: 5/16/17
DWN. BY: ZONE ENG / CHKD. BY:	APPVD. BY:

TITLE

ISOLATION SEPARATION AREAS 323 & 324