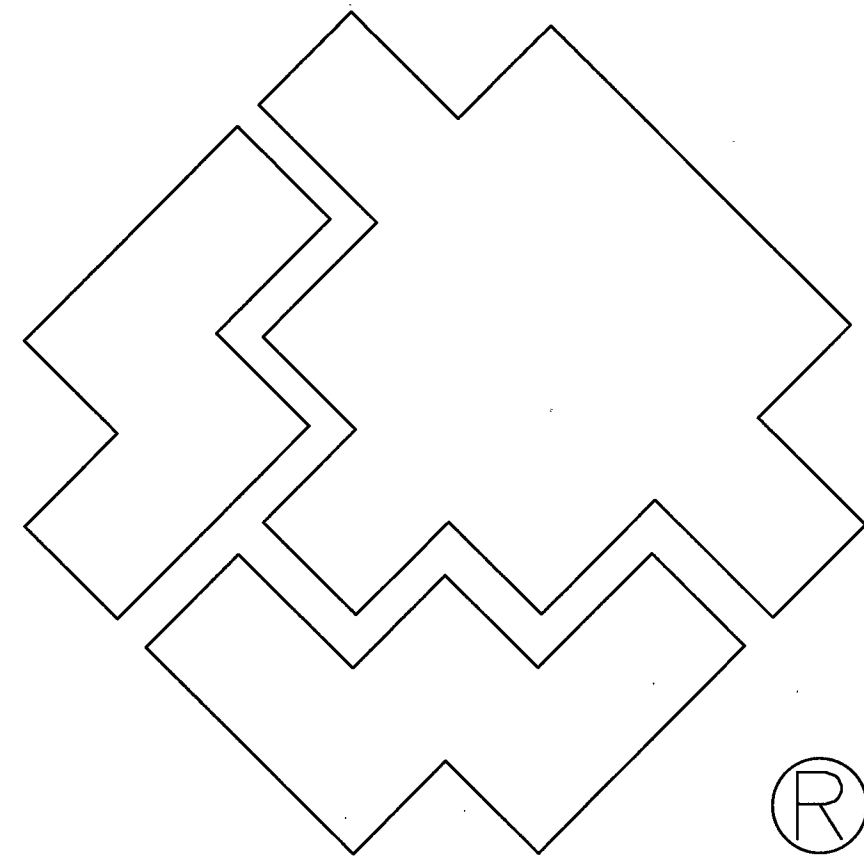
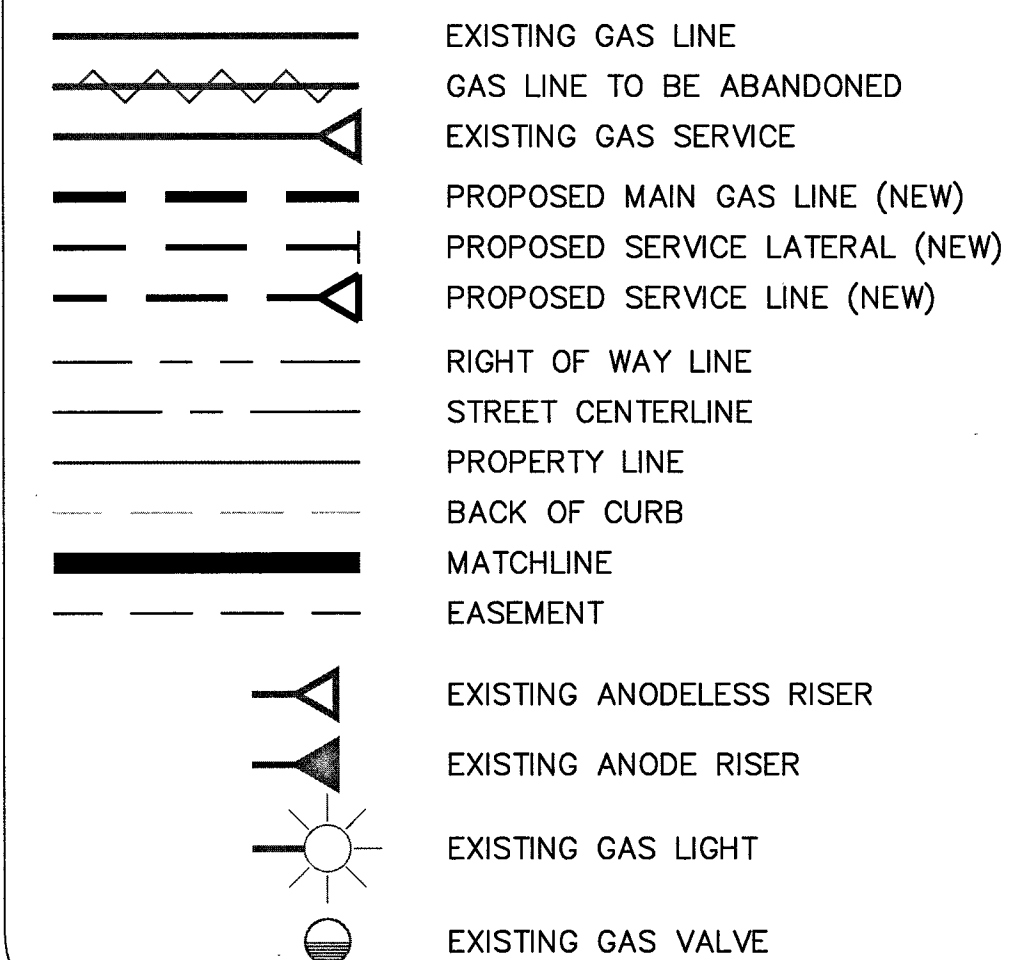




SOUTHWEST GAS CORPORATION

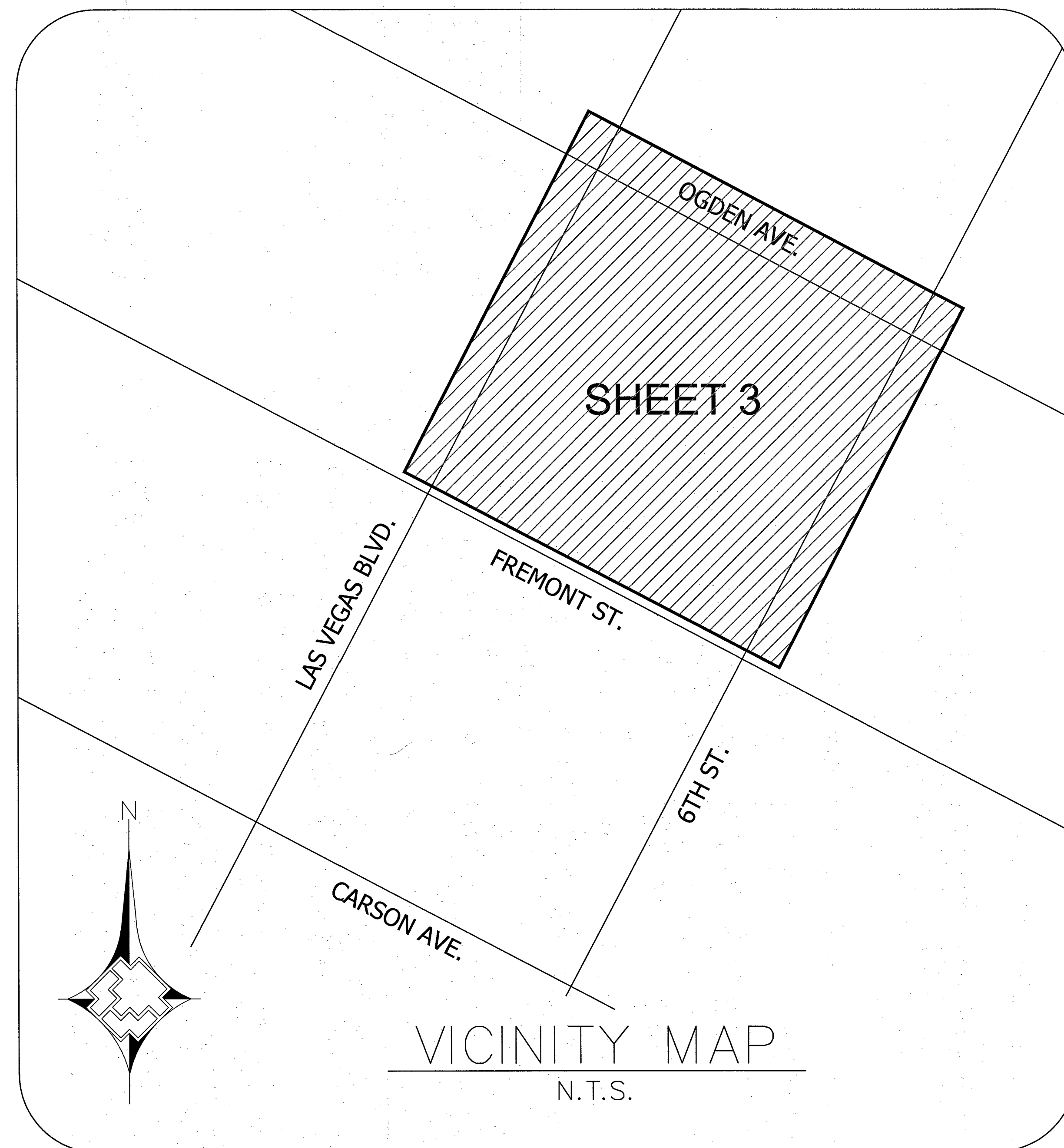
F-CLV-6TH AND BRIDGER
CITY OF LAS VEGAS
WR# 3016883

LEGEND:



SHEET INDEX

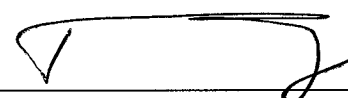
- COVER SHEET
- MATERIALS AND SIGNATURE SHEET
- DESIGN PLAN



Total footage located in Public ROW 541'

APPROVED FOR CONSTRUCTION

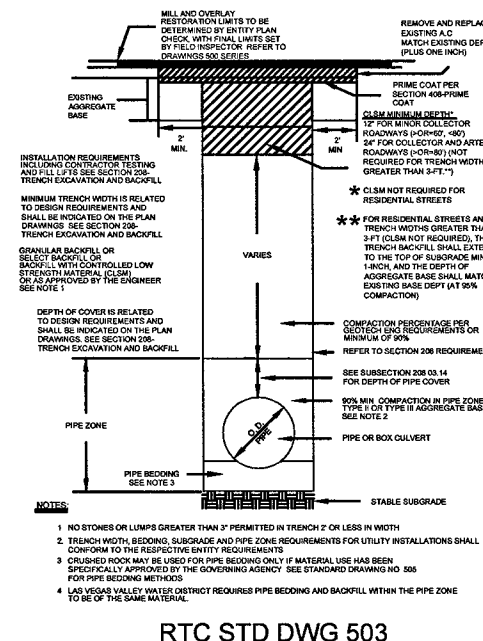
THIS APPROVAL IS FOR WORK IN CLV R/W
OR CLV EASEMENTS ONLY. OBTAINING PERMISSIONS
OR EASEMENTS FOR WORK SHOWN ON PRIVATE
PROPERTY IS THE RESPONSIBILITY OF THE
UTILITY.

APPROVAL  DATE 11 24 15

Hansen 60915 Dwg 100V 6479-GAS



Know what's below.
Call before you dig.



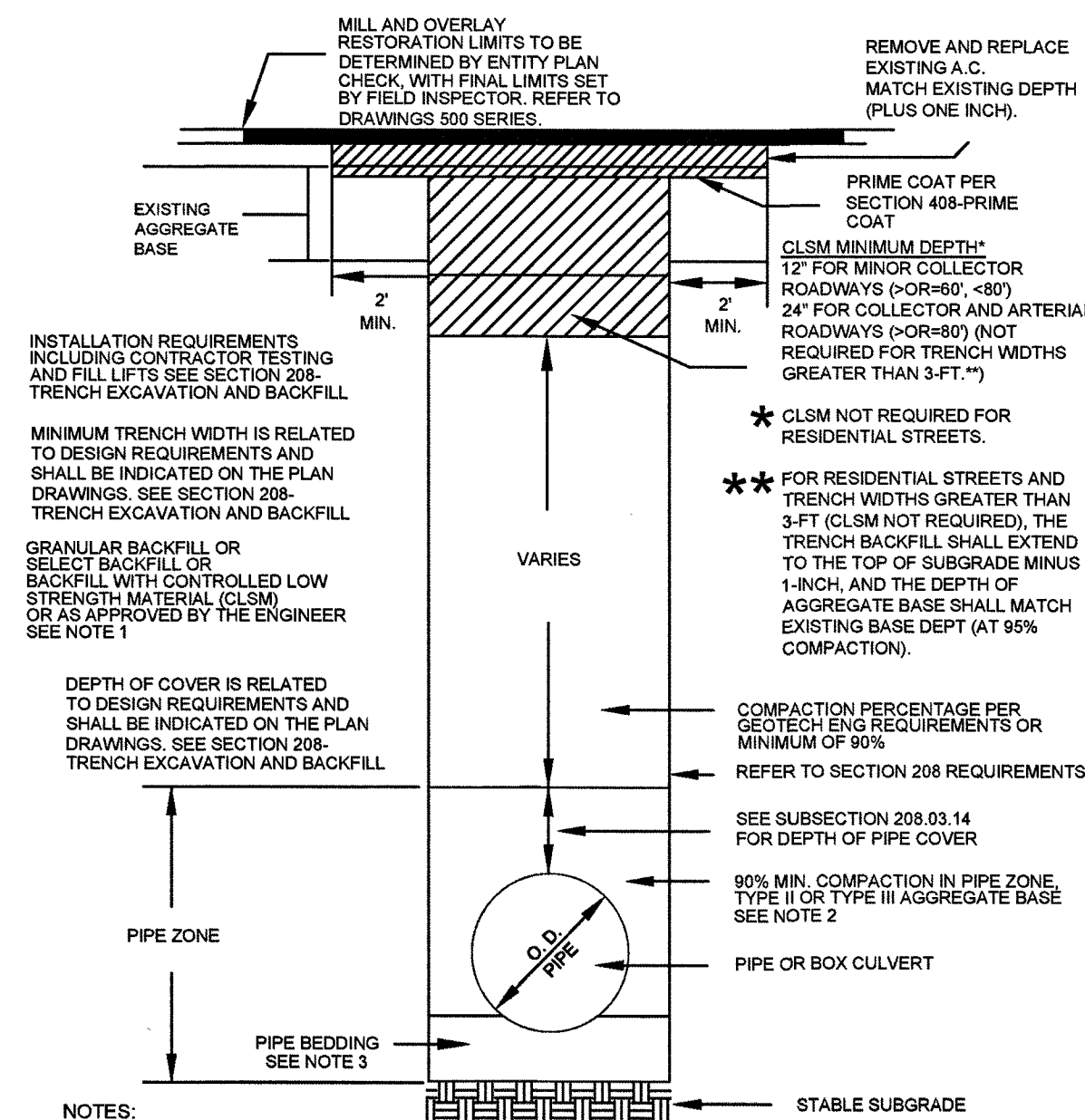
RTC STD DWG 503

1. <table><tr><td>NO.</td><td>DESCRIPTION</td><td>BY</td><td>DATE</td><td>APPVD</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>				NO.	DESCRIPTION	BY	DATE	APPVD																2. <table><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>																																												3. <table><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>																																												4. <table><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>																																												AS-BUILT DRAWING-PRESSURE TEST DATA PIPE DIA. _____ PIPE LENGTH _____ PIPE TYPE _____ MIN. DURATION _____ TEST PRES. (PSIG) _____ TIME _____ DATE _____ PERFORMED BY _____ TEST MEDIUM _____ TEST METHOD _____ ☐ AIR ☐ GAUGE ☐ NITROGEN ☐ CHART ☐ WATER ☐ GAUGE/ PRESS REC SN# _____ START _____ END _____				VISUAL INSPECTION CERTIFICATION I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLVED JOINTS, MECHANICAL JOINTS, AND WELDS THAT I HAVE PERFORMED. NAME _____ DATE _____ INSPECTOR _____ FOREMAN _____ REVIEWED BY _____ AS-BUILTS ACCEPTED BY _____ DATE _____ POSTED BY _____ DATE _____ POSTING QCD BY _____ DATE _____				CONSTRUCTION PERMIT INFORMATION CITY OF LAS VEGAS TAX CODE 02-0203				ISOLATION AREA 96 LOCATION T20S R61E SEC 34 M.D.M.		W.R. NO. 3016883 ATLAS #/TILE # x630y516		ENGINEER/TECH: VICTOR CARDENAS ACCOUNT REP: VICTOR CARDENAS PROJECT CONTACT: VICTOR CARDENAS SHEET NO: 1 OF 3 DWN. BY: ZONE ENG SCALE: N.T.S. CHKD. BY: _____ PHONE: 702-365-2022 PHONE: 702-365-2022 DATE: 7-9-15 APPVD. BY: _____				TITLE F-CLV-6TH AND BRIDGER			
NO.	DESCRIPTION	BY	DATE	APPVD																																																																																																																																																																															

- 1 PROP. 4" PE MAIN
- 2 PROP. 4" X 2" HVTT (160-8174)
- 3 PROP. 4" PE FULL FLOW TEE (140-3076)
- 4 PROP. 4" PE COUPLING (140-3530)
- 5 PROP. 4" PE 90° ELBOW (140-3069)

1	ABANDON EX. 2" STL '56 MOP 43#	18
2	ABANDON EX. 4" STL '55 MOP 43#	545'
3	ABANDON EX. 4" PE '94 MOP 43#	2'

1. SUGGESTED GAS LOCATIONS ARE TO CLEAR SUBSTRUCTURES LOCATE IN FIELD.
2. ALL PIPELINE CONSTRUCTION SHALL CONFORM TO APPLICABLE JURISDICTION SPECIFICATIONS.
3. DO NOT SCALE THIS DRAWING.
4. SEE AC'S FOR SERVICE REPLACEMENT.
5. ANY CHANGES IN THE MAIN LOCATION MUST BE AUTHORIZED BY SWG ENGINEER.
6. GAS MAINS SHALL BE PURGED PER OPERATIONS MANUAL.
7. ABANDONED SERVICE NO ACTION REQUIRED.
8. REPLACE ALL ACTIVE SERVICES EXCEPT WHERE EXISTING PE SERVICES ARE VERIFIED, INSPECTED, AND APPROVED FOR TIE-OVER BY SWG INSPECTOR.
9. EXISTING PE SERVICE, PE VERIFICATION, AND INSPECTION REQUIRED FROM MAIN TO RISER. TIE INTO NEW MAIN IF APPROVED BY SWG INSPECTOR, OTHERWISE REPLACE SERVICE.
10. EXISTING SERVICE, UNKNOWN TYPE, SIZE, AND LOCATION TO BE VERIFIED.
11. EXISTING ANODE RISER.
12. EXISTING ANODELESS RISER.
13. REPLACEMENT SVCS TO BE SINGLE OR BRANCHED. NO CROSS-LOT REPLACEMENT SVCS PERMITTED.
14. REPLACE ALL ANODE RISERS WITH ANODELESS RISERS. CITY OF LAS VEGAS PERMIT REQUIRED.
15. ALL EXISTING UTILITY LOCATION TO BE VERIFIED PRIOR TO START OF CONSTRUCTION.
16. CONTACT ENGINEERING FOR BYPASS INFORMATION.
17. ALL SHORING REQUIREMENTS SHALL CONFORM TO APPLICABLE PORTIONS OF THE OPERATIONS MANUAL.
18. REQUEST FOR SURVEYING AND/OR STAKING WILL BE SUBMITTED TO ENGINEERING 72 HOURS IN ADVANCE, MINIMUM.
19. TRENCHING & BACKFILL TO CONFORM WITH UNIFORM STANDARD SPECS. SECTION 208, AND RTC STANDARD 503.
20. PROTECT ALL EXISTING VALLEY GUTTERS IN PLACE. BORE, DO NOT CUT.
21. REPLACE EXISTING SERVICE WITH SIMILAR SIZE UNLESS OTHERWISE NOTED.



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 THE SAME MATERIAL AS THE SUBGRADE.



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

PRINT: _____ DATE: _____

SIGNATURE: _____

SYSTEM	D_VALLEY_WIDE
DR. NO.	21DR10002397
SEGMENT M.A.O.P.	N/A
SYSTEM M.A.O.P.	43 psig
SYSTEM M.O.P.	43 psig

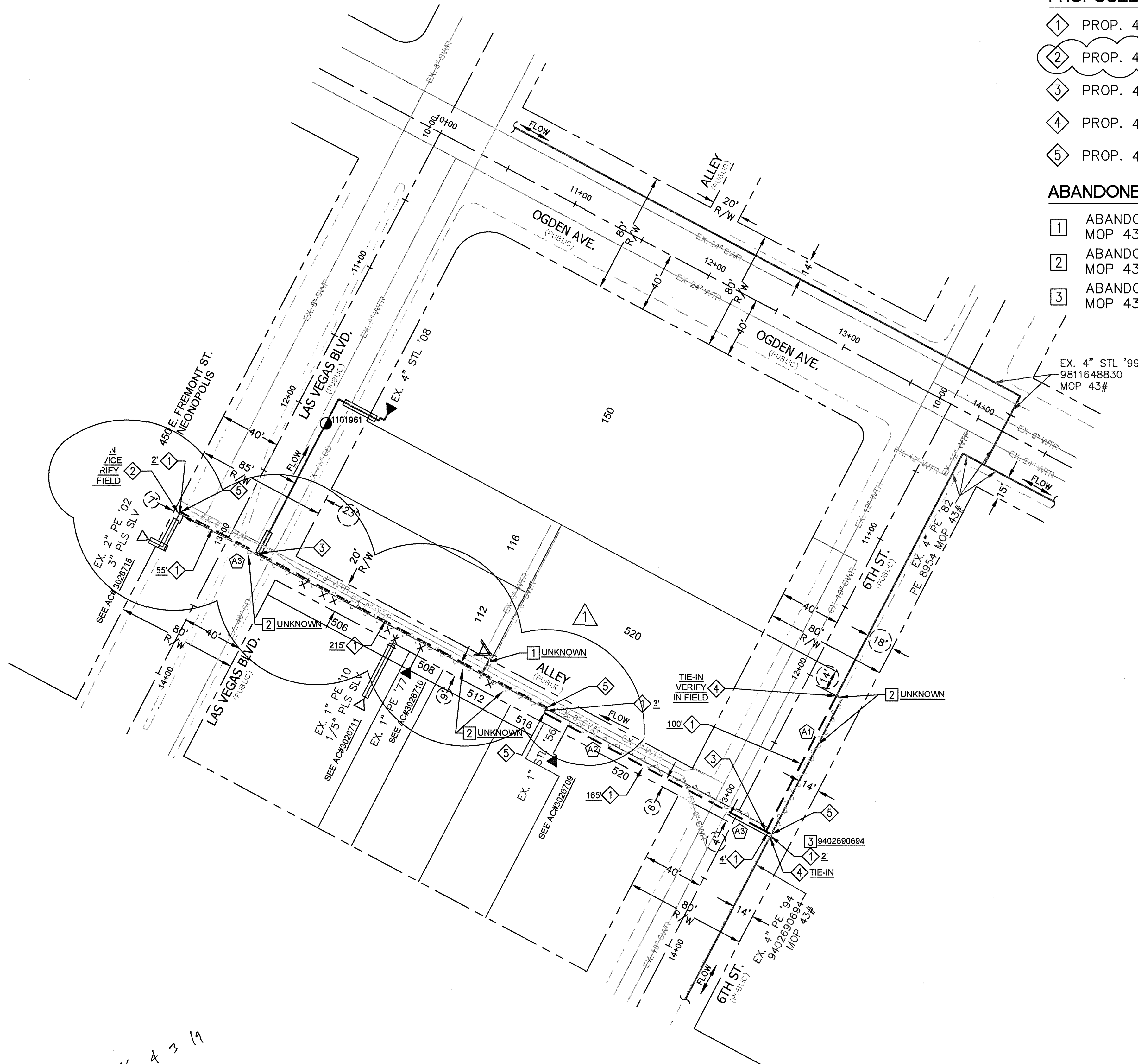
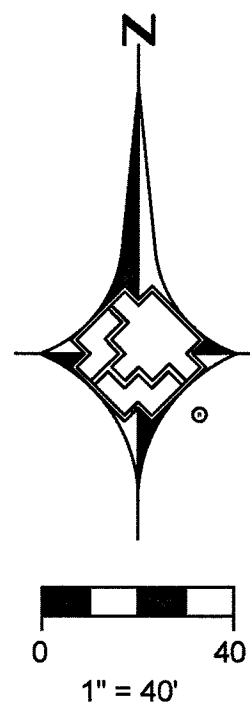
	TEST MEDIUM TEST METHOD
PIPE DIA. _____	☐ AIR ☐ GAUGE
PIPE LENGTH _____	☐ NITROGEN ☐ CHART
PIPE TYPE _____	☐ WATER GAUGE/
MIN. DURATION _____	☐ SOAP PRESS REC SN# _____
TEST PRES. (PSIG) _____	START END
TIME _____	_____
DATE _____	_____
PERFORMED BY _____	_____

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

- A1 500.3
A2 500.4
A3 500.5

L-60915 - R001
107V6479 - GAR

[illegible]

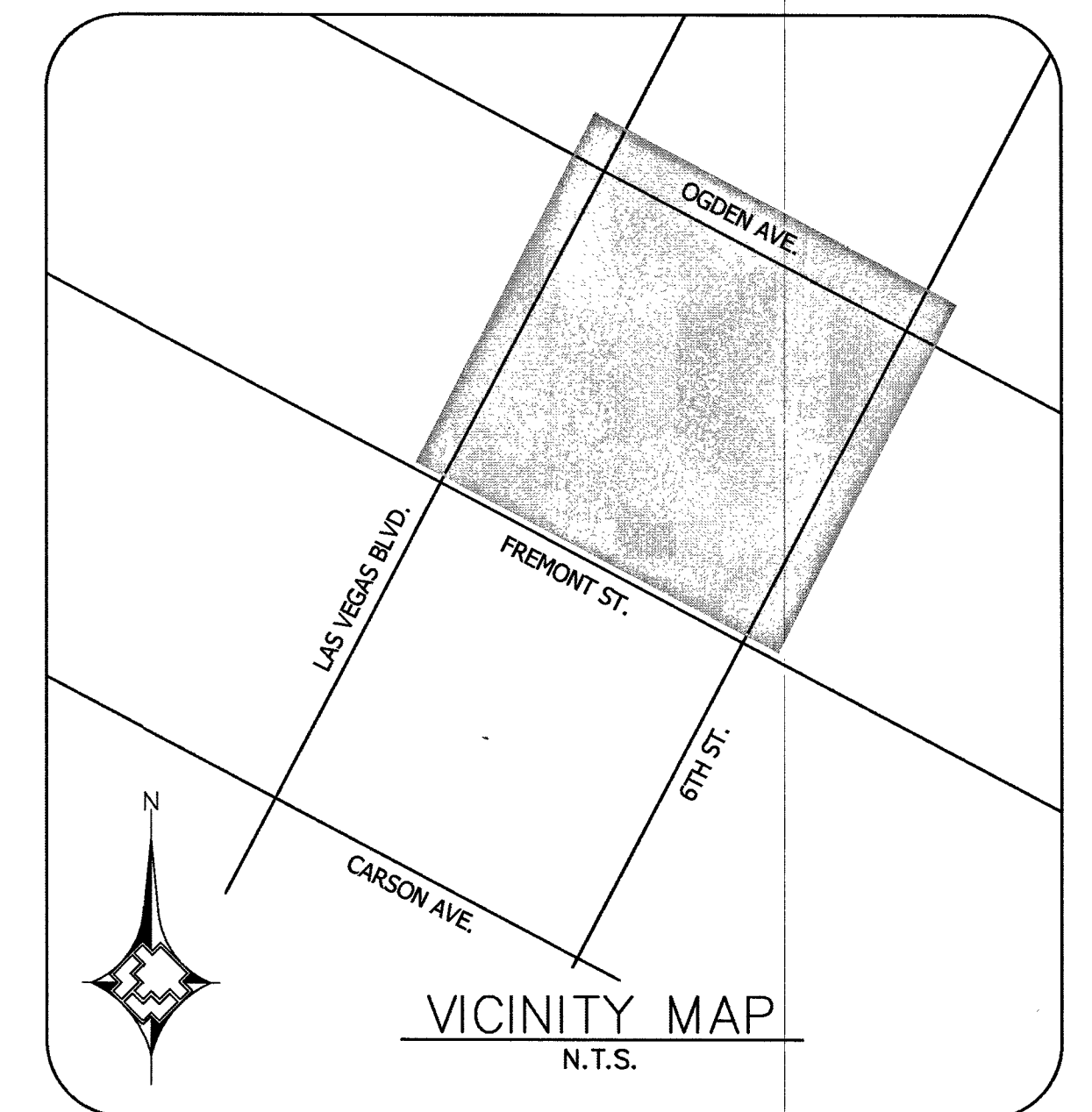


PROPOSED FACILITIES:

- 1 PROP. 4" PE MAIN
- 2 PROP. 4" X 2" HVT (160-8174)
- 3 PROP. 4" PE FULL FLOW TEE (140-3076)
- 4 PROP. 4" PE COUPLING (140-3530)
- 5 PROP. 4" PE 90° ELBOW (140-3069)

ABANDONED FACILITIES:

- 1 ABANDON EX. 2" STL '56
MOP 43#
- 2 ABANDON EX. 4" STL '55
MOP 43#
- 3 ABANDON EX. 4" PE '94
MOP 43#



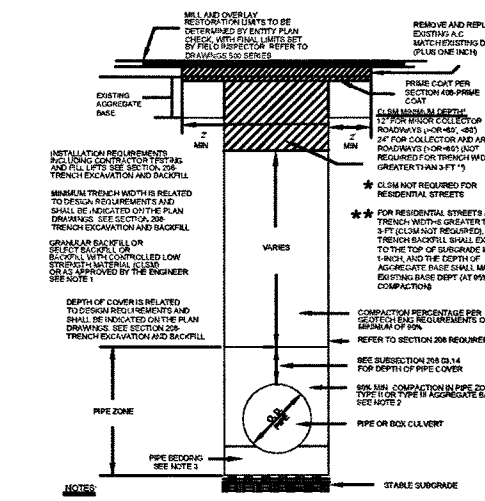
LEGEND:

- 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
- EASEMENT
- EXISTING ANODELESS RISER
- EXISTING ANODE RISER
- EXISTING GAS LIGHT
- EXISTING GAS VALVE

RTC NOTES:

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

- A1 500.3
- A2 500.4
- A3 500.5



RTC STD DWG 503



1. ALLEY ALIGNMENT SHIFT		MP	03/14/19		
3.					
4.					
NO.	DESCRIPTION	BY	DATE	APPVD.	
REVISIONS					
SOUTHWEST GAS CORPORATION					
TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED COMPLETED	
PROPERTY UNITS					
AS-BUILT DRAWING-PRESSURE TEST DATA					
TEST MEDIUM TEST METHOD					
PIPE DIA. _____					
PIPE LENGTH _____					
PIPE TYPE _____					
MIN. DURATION _____					
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 _____					
CONSTRUCTION					
INSPECTOR _____					
FOREMAN _____					
REVIEWED BY _____					
PERMIT INFORMATION					
CITY OF LAS VEGAS					
TAX CODE 02-0203					
ISOLATION AREA					
ISO 21_DIST_096					
W.R. NO. 3016883					
ENGINEER/TECH: MATTHEW PEDRAZA					
ACCOUNT REP: _____					
PROJECT CONTACT: MATTHEW PEDRAZA					
SHEET NO: 3 OF 3					
SCALE: 1"=40'					
DATE: 03/18/2019					
DWN. BY: ZONE ENG					
CHKD. BY: _____					
APPVD. BY: _____					
TITLE					
F-CLV-6TH AND BRIDGER					