

SOUTHWEST GAS CORPORATION

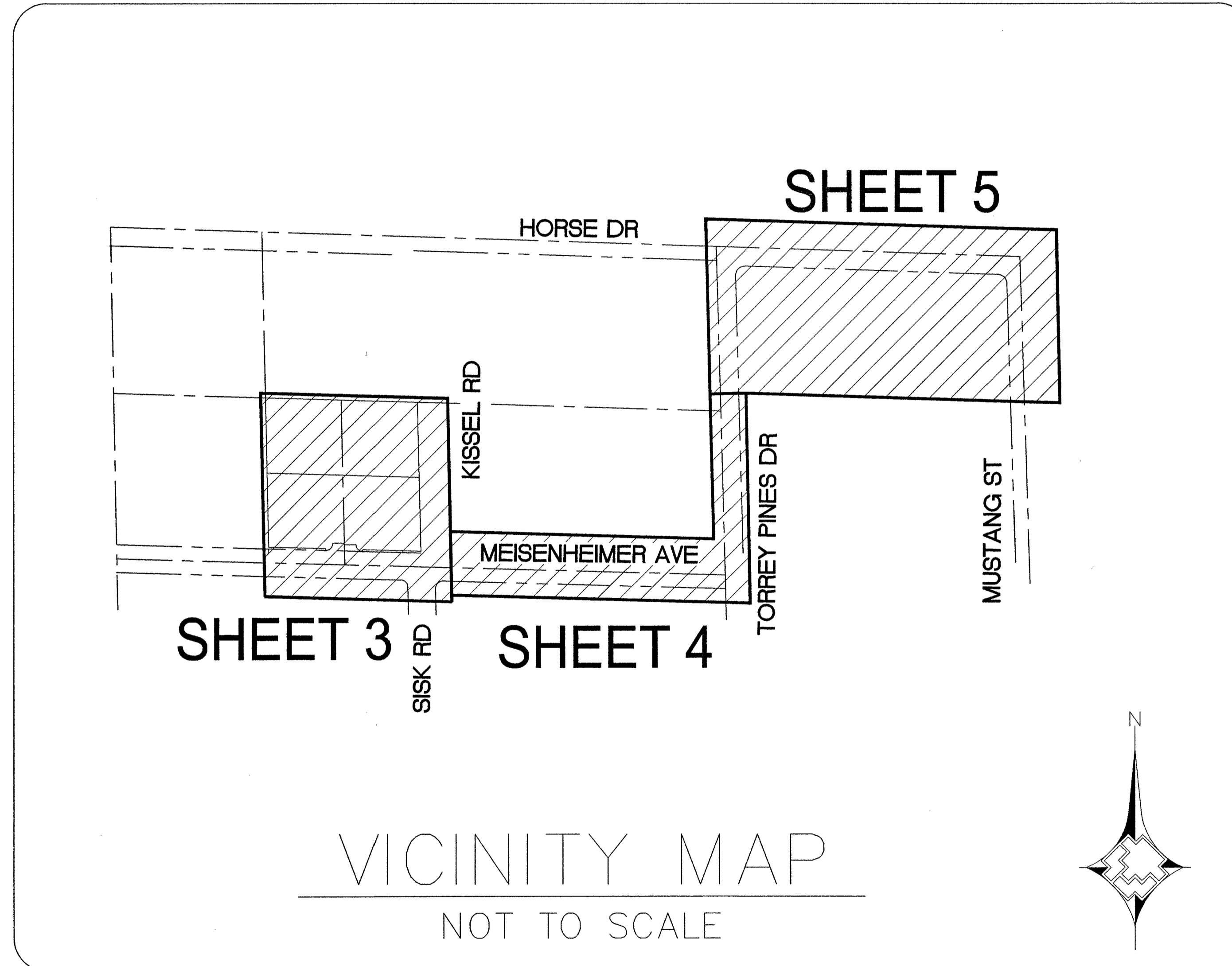
**S LYONS ESTATES VI
CLARK COUNTY, NV
WR #1800717**

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
	PAVEMENT CUT AND REPAIR
	BACK OF CURB
	MATCHLINE
	EXISTING ANODELESS RISER
	EXISTING ANODE RISER
	EXISTING GAS LIGHT
	EXISTING GAS VALVE

SHEET INDEX

1.	COVER SHEET
2.	MATERIALS & SIGNATURE SHEET
3.	DESIGN PLAN
4.	DESIGN PLAN
5.	DESIGN PLAN



City of Las Vegas

Total footage located in Public ROW 1,347'

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: Date: 11-19-15

HANSEN# 62193 DWG# 307V1103

Clark County
Total 4" PE footage located in Public ROW: 1,044'

**CLARK COUNTY PUBLIC WORKS
DEVELOPMENT REVIEW
APPROVED FOR PERMITTING**
NIGHT WORK - YES NO
ENCROACHMENT PERMIT # _____
BY _____ DATE _____



<table border="1"> <tr><th>NO.</th><th>DESCRIPTION</th><th>BY</th><th>DATE</th><th>APPVD.</th></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.																<p>AS-BUILT DRAWING-PRESSURE TEST DATA</p> <p>TEST MEDIUM TEST METHOD</p> <p>PIPE DIA. _____ <input type="checkbox"/> AIR <input type="checkbox"/> GAUGE</p> <p>PIPE LENGTH _____ <input type="checkbox"/> NITROGEN <input type="checkbox"/> CHART</p> <p>PIPE TYPE _____ <input type="checkbox"/> WATER <input type="checkbox"/> GAUGE/</p> <p>MIN. DURATION _____ <input type="checkbox"/> SOAP <input type="checkbox"/> PRESS REC SN#</p> <p>TEST PRES. (PSIG) _____ START _____ END _____</p> <p>TIME _____ DATE _____</p> <p>DATE _____ PERFORMED BY _____</p>				<p>VISUAL INSPECTION CERTIFICATION</p> <p>I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLWELD CONNECTIONS, MECHANICAL JOINTS, AND WELDS THAT I HAVE PERFORMED</p> <p>NAME _____ DATE _____</p> <p>INSPECTOR _____</p> <p>FOREMAN _____</p> <p>REVIEWED BY _____</p>				<p>CONSTRUCTION</p> <p>ISO 21_DIST_367</p> <p>ISO 21_DIST_368</p> <p>W.R. NO. 1800717</p> <p>LOCATION</p> <p>SEC 11</p> <p>T19S R60E</p> <p>M.D.M.</p> <p>ATLAS #/TILE #</p> <p>x600y568</p> <p>x603y568</p>				<p>ENGINEER/TECH: TAMI GARCIA</p> <p>ACCOUNT REP: SHANTE ANDERSON</p> <p>PROJECT CONTACT: ERIC COLE</p> <p>SHEET NO: 1 OF 5</p> <p>DWN. BY: SEI</p> <p>PHONE: 702-365-2152</p> <p>PHONE: 702-528-8596</p> <p>PHONE: 702-368-6500</p> <p>SCALE: N.T.S.</p> <p>DATE: 06/16/2014</p> <p>APPVD. BY: _____</p>			
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INSTL.	RETIRED	INSTL.	RETIRED																																				
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PROPOSED FACILITIES:

- ① PROPOSED 4" PE MAIN
- ② PROPOSED 4" PE 90 DEGREE ELBOW #140-3069
- ③ PROPOSED 2" PE CAP #140-3060
- ④ PROPOSED 4" PE COUPLING #140-3530
- ⑤ PROPOSED 2" PE MAIN
- ⑥ PROPOSED 4"X4"X2" PE TEE #140-5311
- ⑦ PROPOSED 4" PE CAP #140-3062

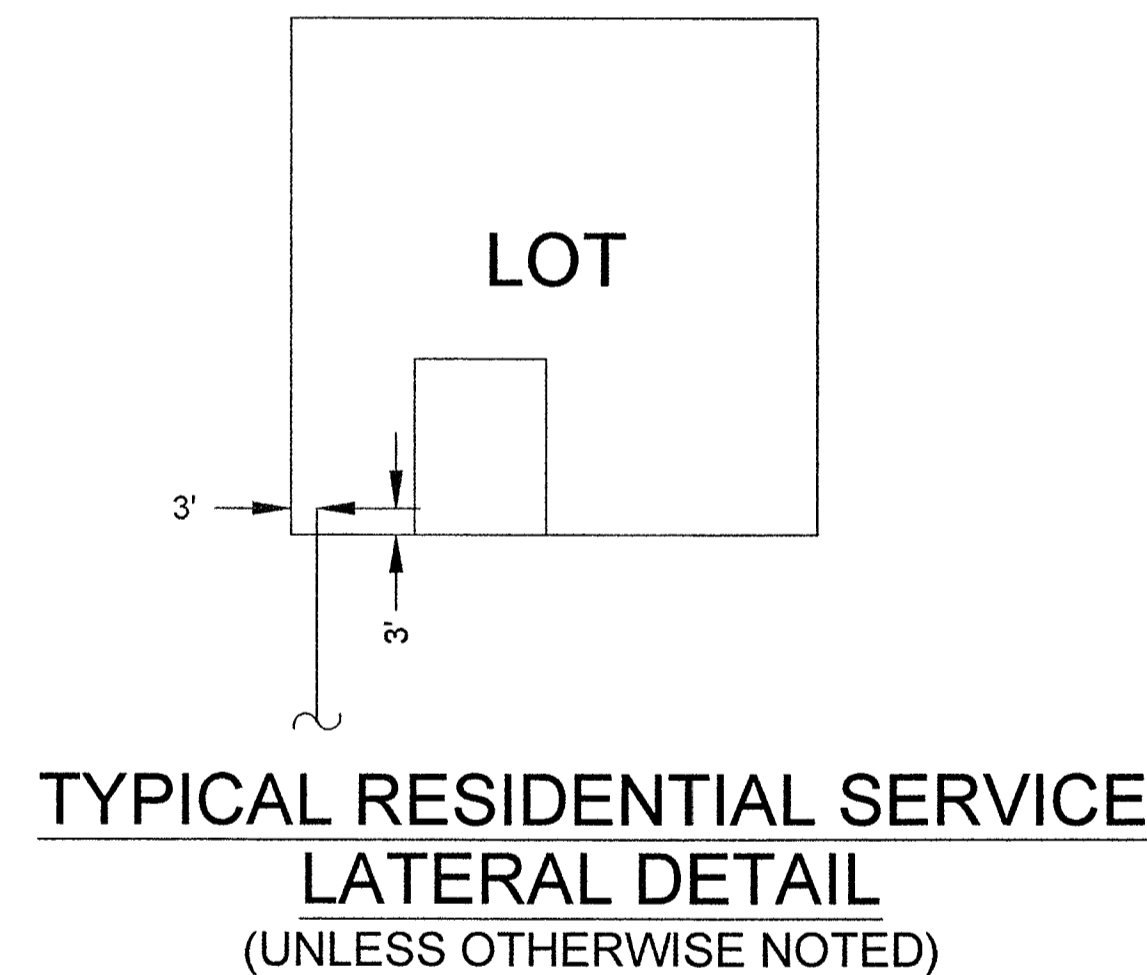
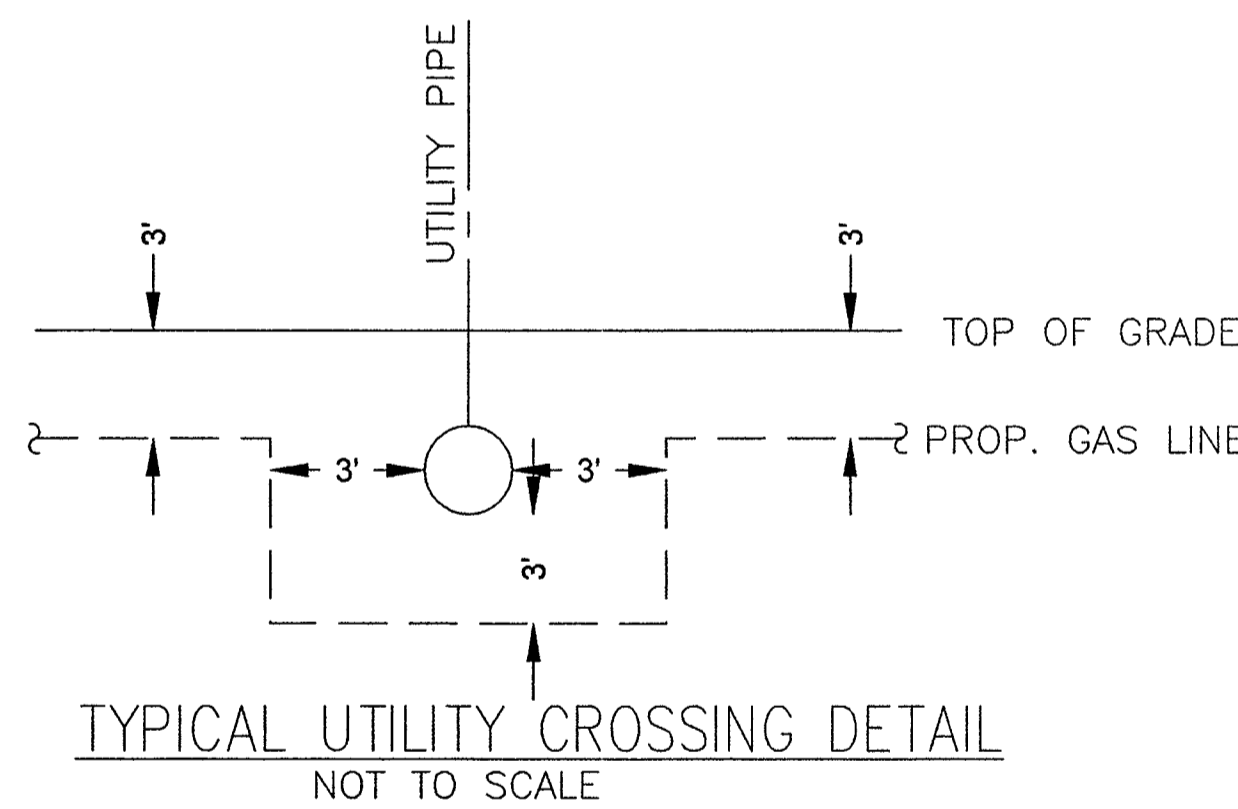
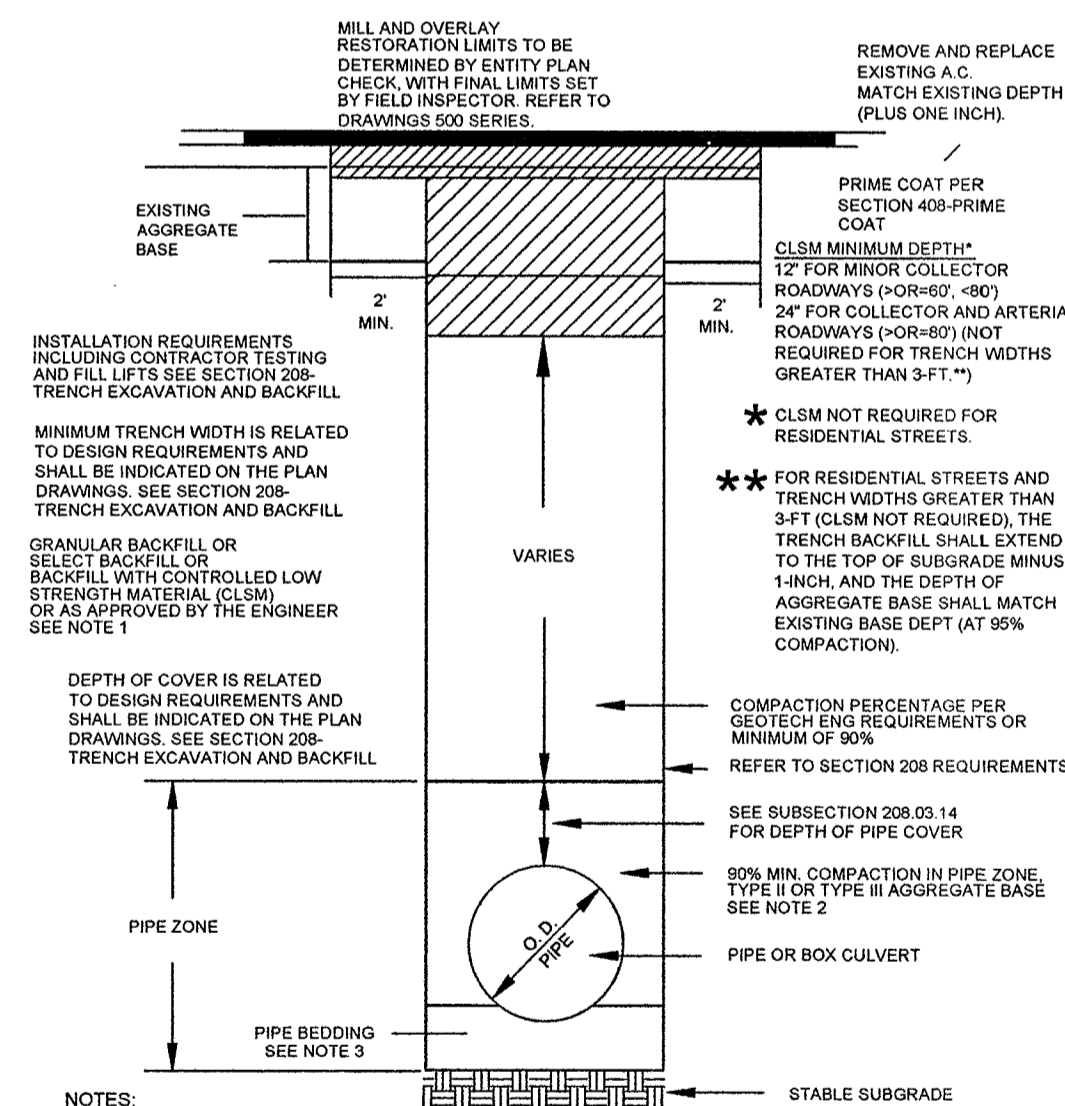
CONSTRUCTION NOTES:

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. CHANGE IN PROPOSED MAIN LOCATION MUST BE AUTHORIZED BY SWG ENGINEER PRIOR TO INSTALLATION.
5. GAS MAINS SHALL BE PURGED PER OPERATIONS MANUAL.
6. ALL MAIN TIE-INS REQUIRING TEES ARE TO BE FULL FLOW TEES UNLESS OTHERWISE STATED.
7. TRENCHING AND BACKFILL TO CONFORM WITH UNIFORM STANDARD SPECS. SECTION 208, AND RTC STANDARD(S) 503 & 500.5.
8. REQUEST FOR SURVEYING AND/OR STAKING WILL BE SUBMITTED TO ENGINEERING 72 HOURS IN ADVANCE, MINIMUM.

RTC NOTES:

PAVEMENT REPAIR AND / OR BACKFILL SHALL CONFORM TO RTC STANDARD(S):

- A1 503
- A2 502
- A3 500.3



- 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

SYSTEM D_N_VALLEY_E

DR. NO. 21DR10002595

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

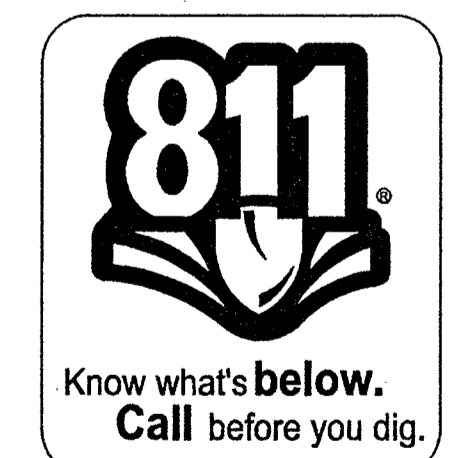
SYSTEM M.A.O.P. 60 PSIG

SYSTEM M.O.P. 55 PSIG

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

PRINT: _____ DATE: _____

SIGNATURE: _____



REPLAT

NO.	DESCRIPTION	BY	DATE	APPRV'D	REVISIONS
1.					02-0200
2.					3760104 4" PE 1,347'
3.					02-0125
4.					3760102 4" PE 993'
					3760102 2" PE 248'
					3800101 1" PE 110'

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

AS-BUILT DRAWING-PRESSURE TEST DATA	
PIPE DIA. _____	TEST MEDIUM <input type="checkbox"/> AIR <input type="checkbox"/> NITROGEN <input type="checkbox"/> WATER <input type="checkbox"/> SOAP
PIPE LENGTH _____	TEST METHOD <input type="checkbox"/> GAUGE <input type="checkbox"/> CHART <input type="checkbox"/> GAUGE/ PRESS REC SNIP
PIPE TYPE _____	
MIN. DURATION _____	
TEST PRES. (PSIG) _____	START _____ END _____
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	
CLARK COUNTY CITY OF LAS VEGAS TAX CODE 02-0125, 02-0200	

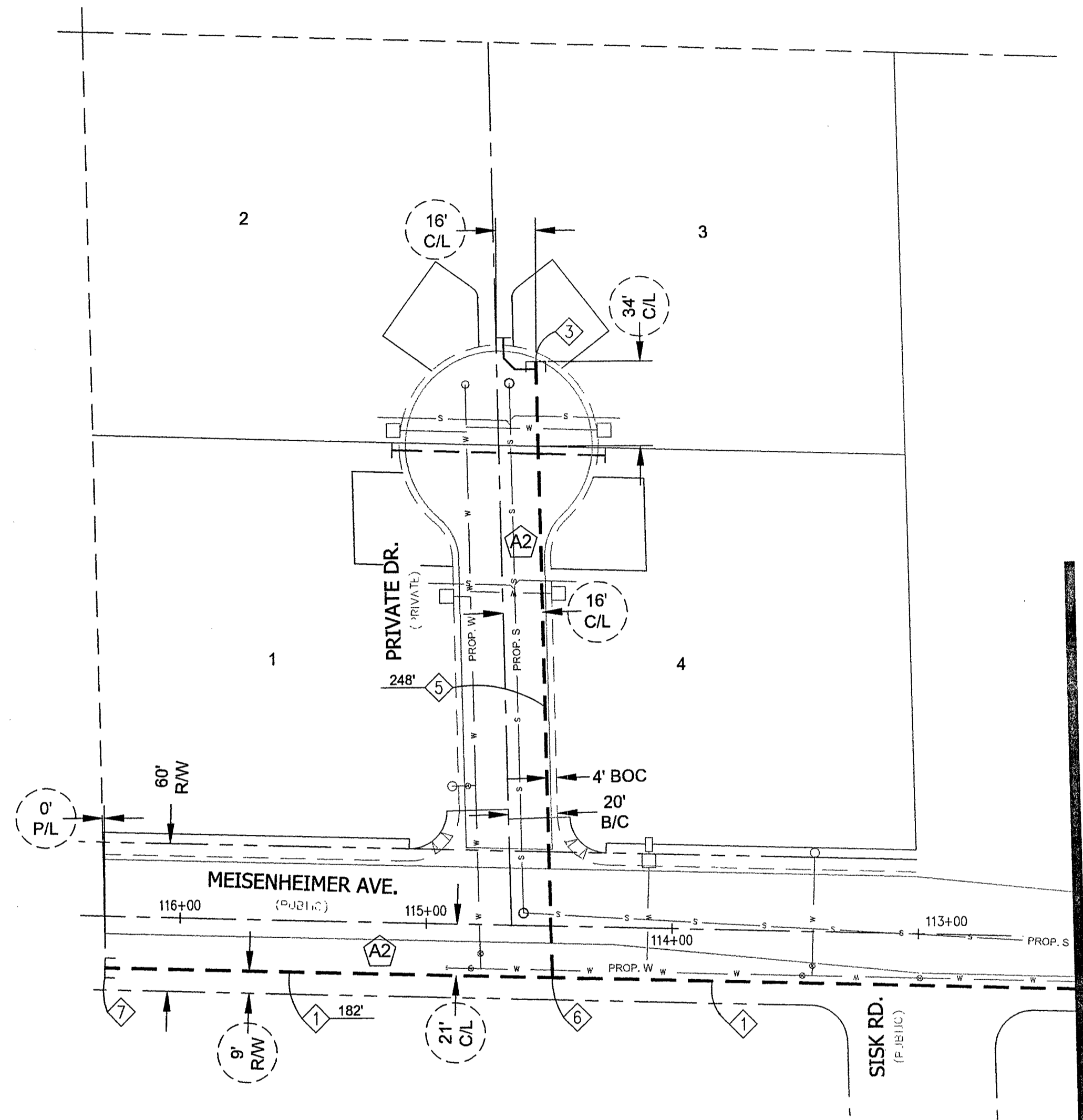
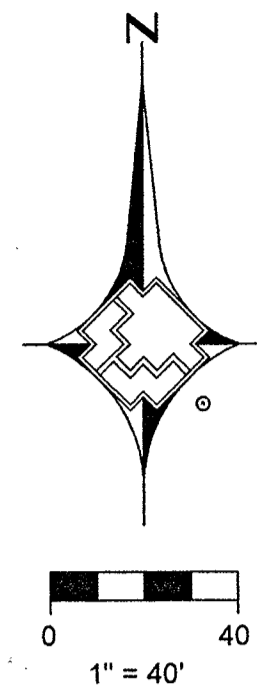
ISOLATION AREA	W.R. NO.
ISO_21_DIST_367 ISO_21_DIST_368	1800717

LOCATION	ATLAS #/TILE #
SEC 11 T19S R60E M.D.M.	x600y568 x603y568

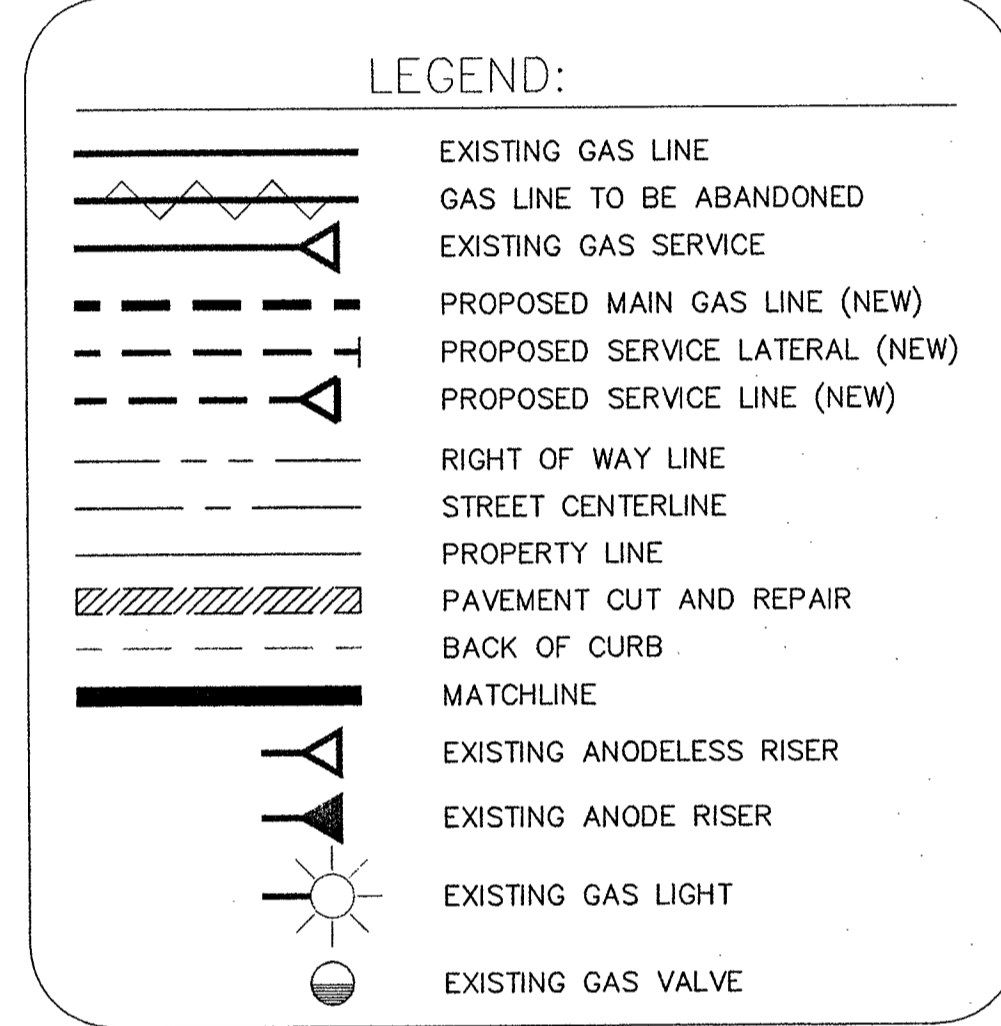
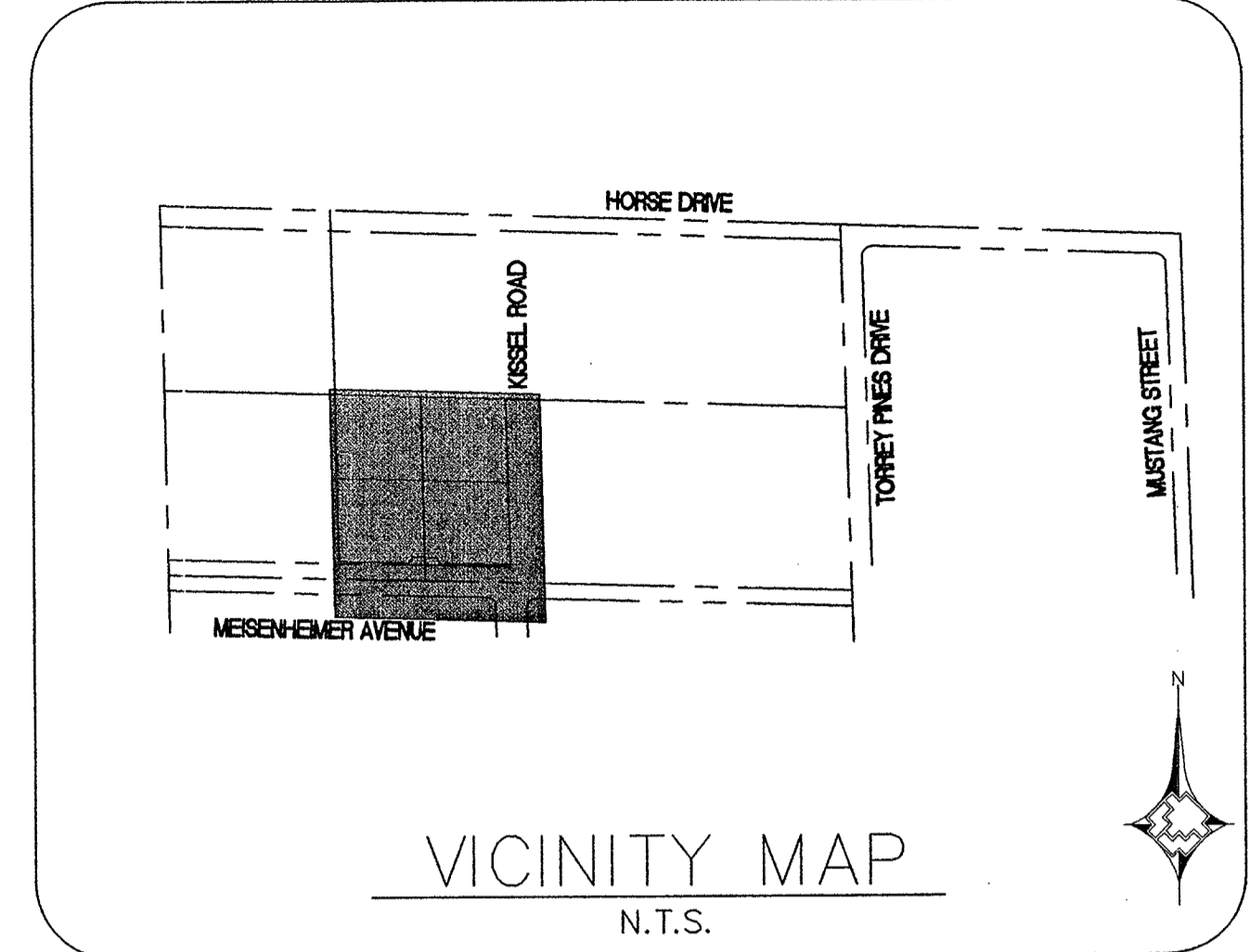
ENGINEER/TECH:	ACCOUNT REP:	PROJECT CONTACT:	SHEET NO.:	SCALE:	DATE:	PHONE:
TAMI GARCIA	SHANTE ANDERSON	ERIC COLE	2 OF 5	N.T.S.	06/16/2014	702-365-2152
			DWN. BY: SEI		CHKD. BY:	702-528-8596
					APPVD. BY:	702-368-6500

TITLE	
S LYONS ESTATES VI	





MATCHLINE - SEE SHEET 4 OF 5

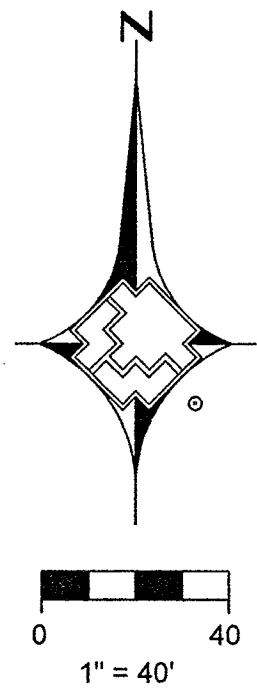


- PROPOSED FACILITIES:
- ① PROPOSED 4" PE MAIN
 - ③ PROPOSED 2" PE CAP #140-3060
 - ⑤ PROPOSED 2" PE MAIN
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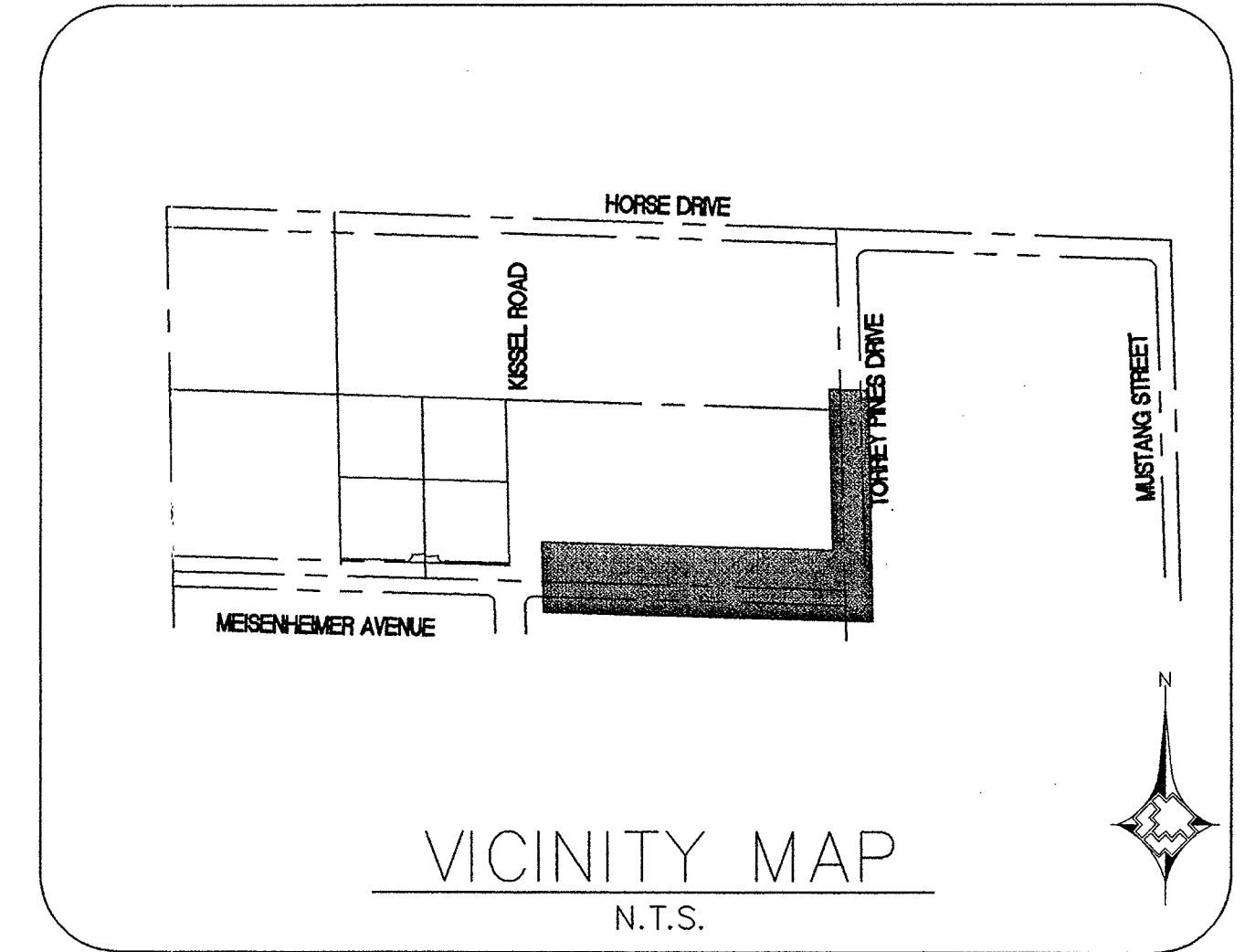
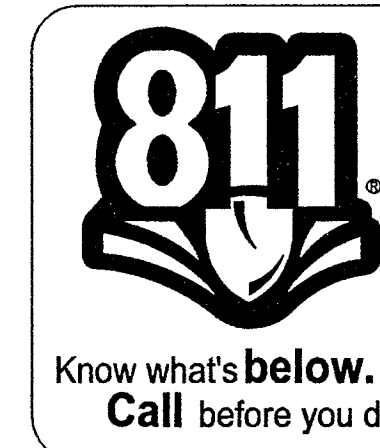
- RTC NOTES:
PAVEMENT REPAIR AND / OR BACKFILL SHALL CONFORM TO RTC STANDARD(S):
- ① 503
 - ② 502

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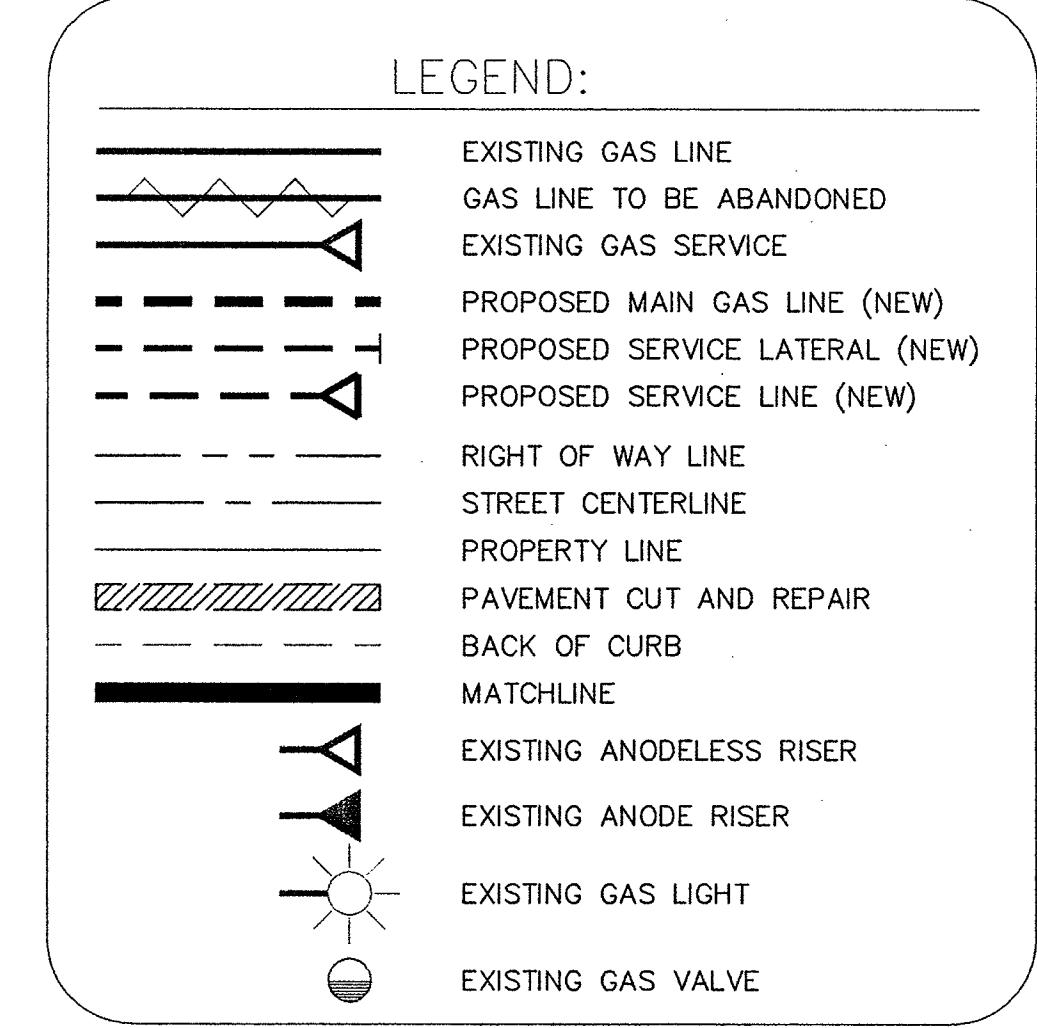
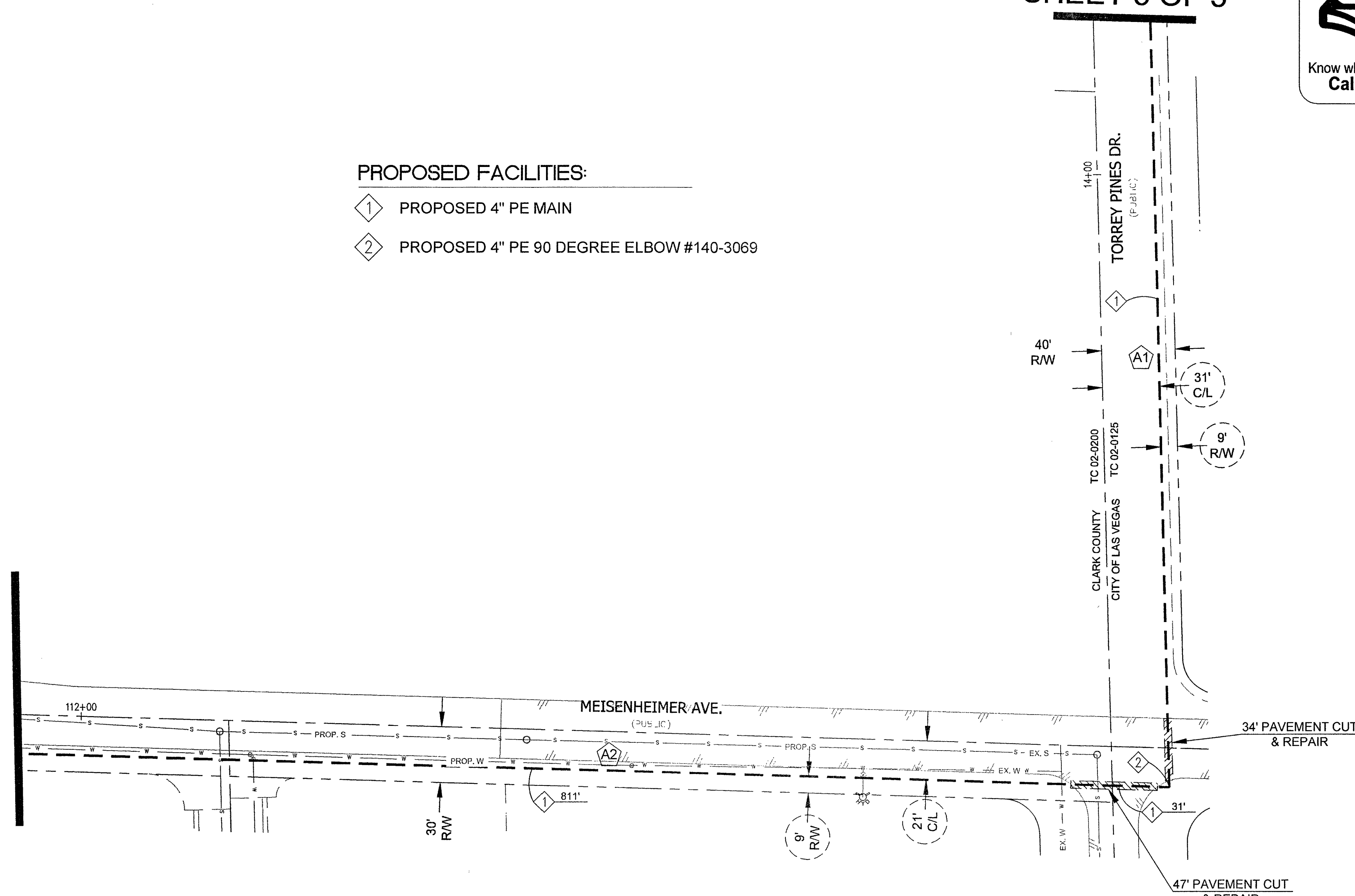
MATCHLINE - SEE SHEET 5 OF 5



PROPOSED FACILITIES:

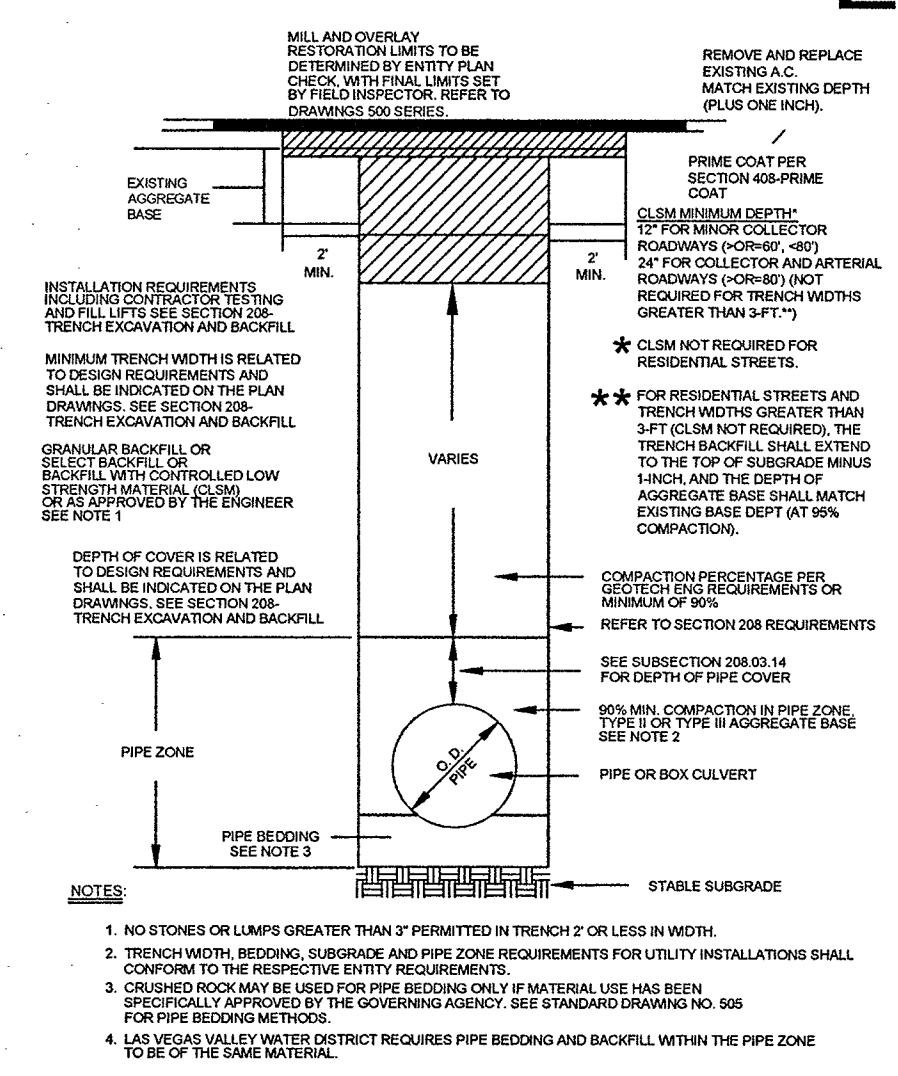
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- ② PROPOSED 4" PE 90 DEGREE ELBOW #140-3069

MATCHLINE - SEE SHEET 3 OF 5



RTC NOTES:
PAVEMENT REPAIR AND / OR BACKFILL SHALL CONFORM TO RTC STANDARD(S):

- A1 503
- A2 502
- A3 500.3



RTC STD DWG 503

NO.	DESCRIPTION	BY	DATE	APPVD.
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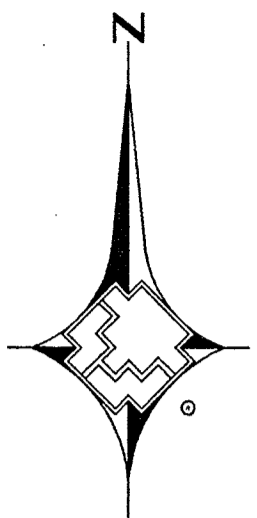
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NAME	DATE
INSPECTOR	
FOREMAN	
REVIEWER BY	
AS-BUILTS ACCEPTED BY	DATE
POSTED BY	DATE
POSTING QCD BY	DATE

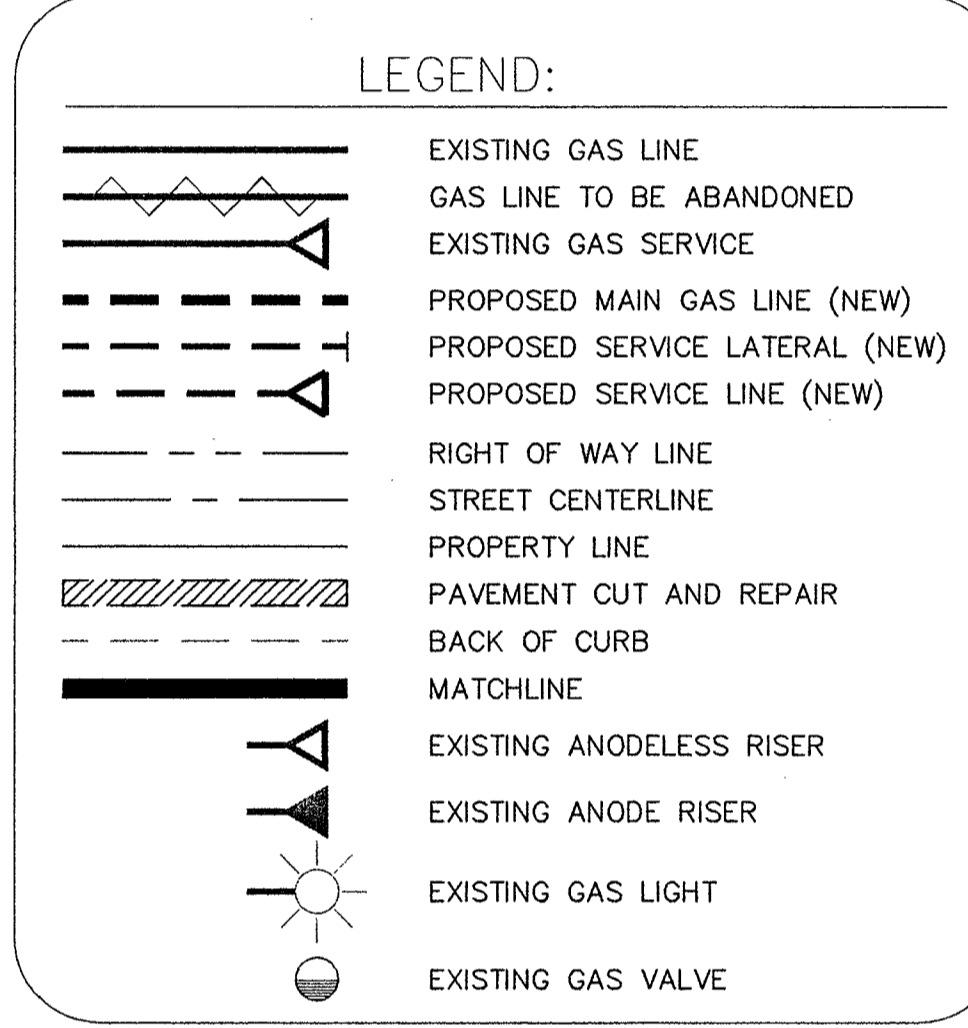
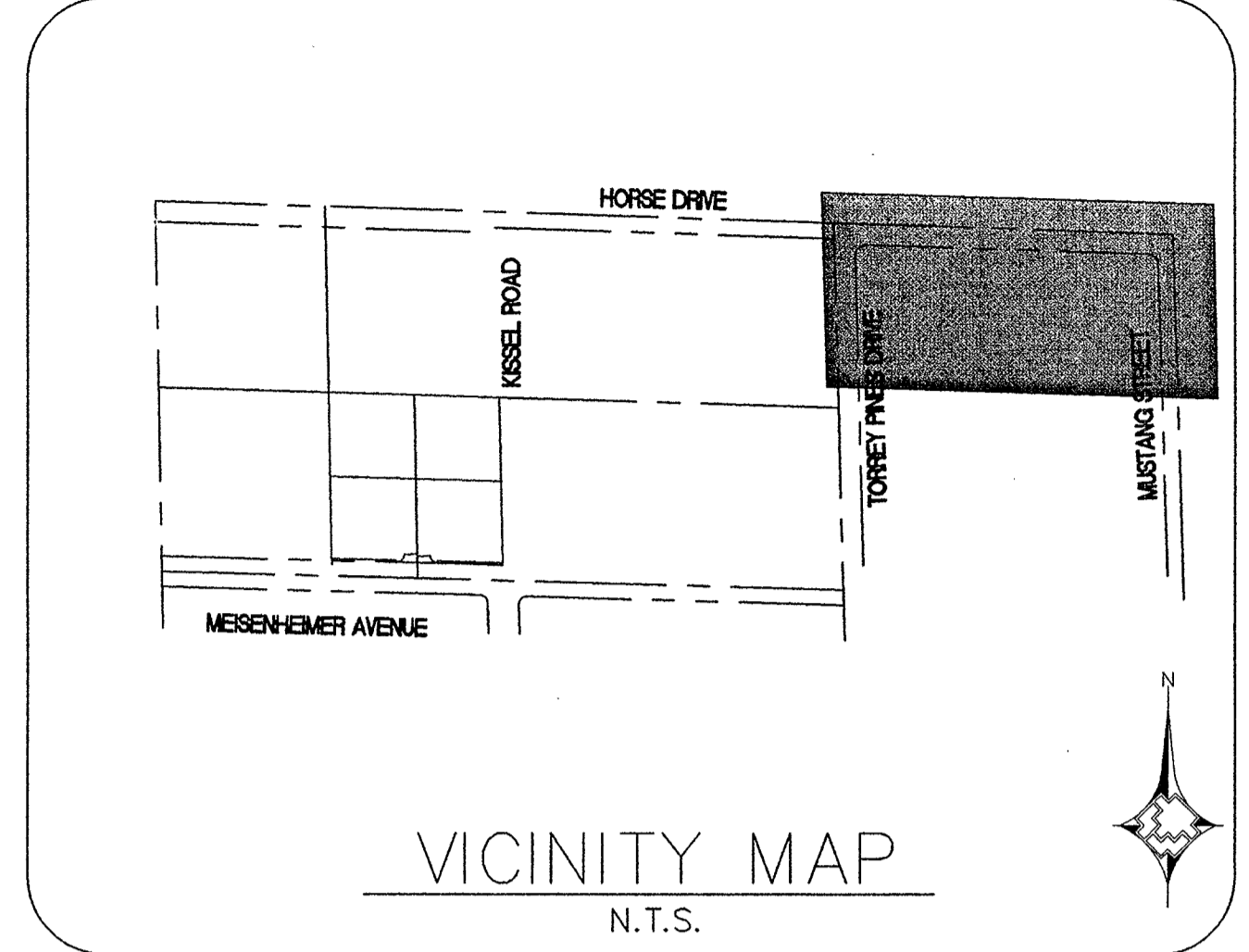
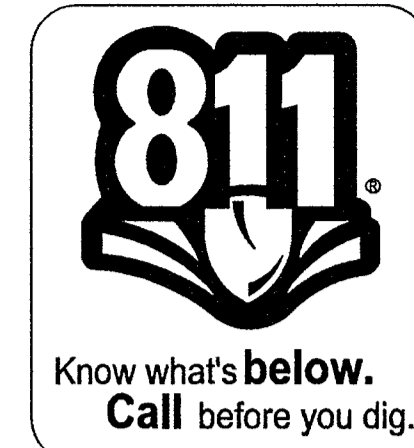
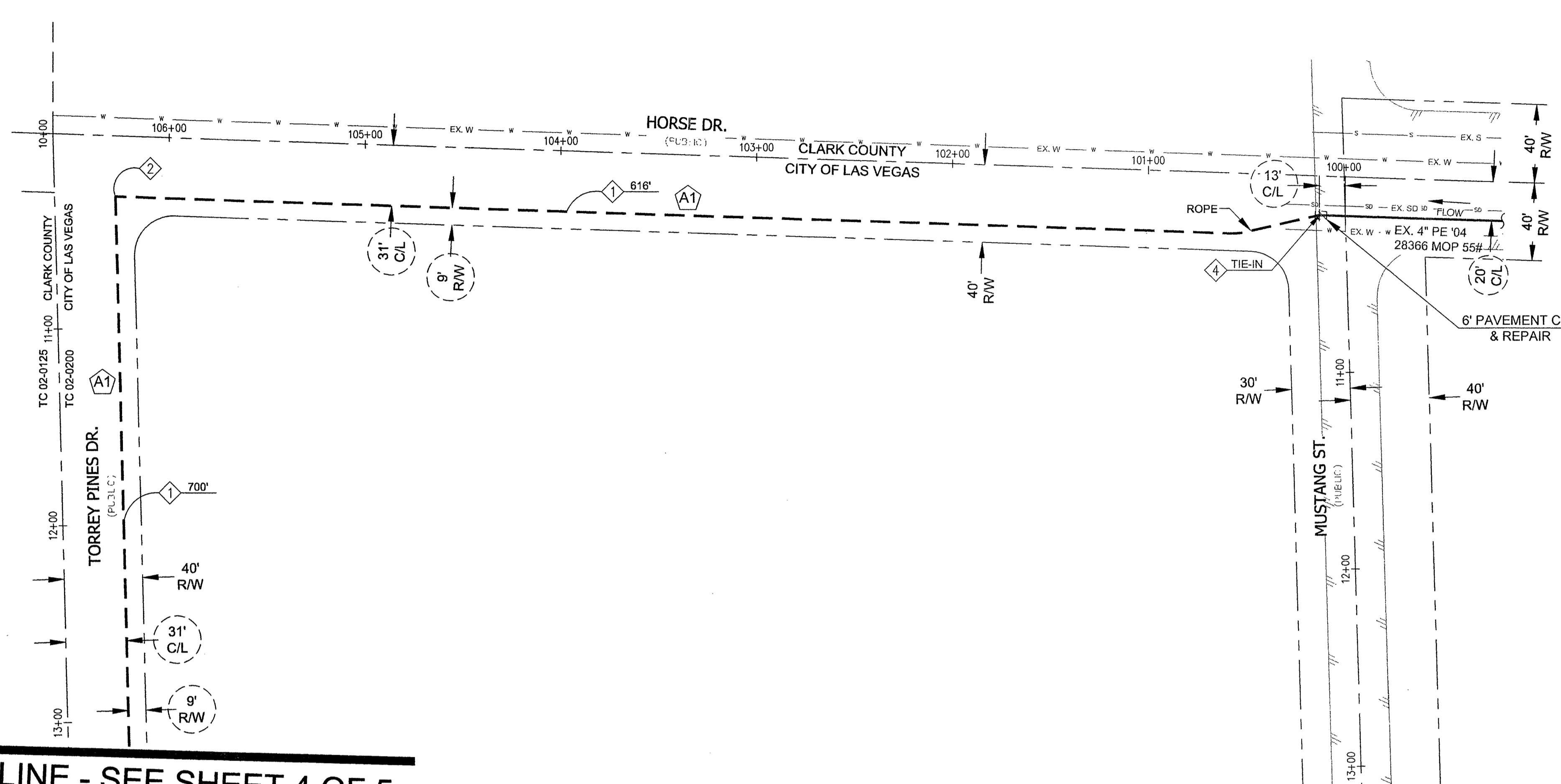
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TAX CODE 02-0125, 02-0200	

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ATLAS #/TILE #	
x600y568	
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M.D.M.	

ENGINEER/TECH: TAMI GARCIA	
ACCOUNT REP: SHANTE ANDERSON	PHONE: 702-365-2152
PROJECT CONTACT: ERIC COLE	PHONE: 702-528-8596
SHEET NO: 4 OF 5	SCALE: 1" = 40'
DWN. BY: SEI	DATE: 06/16/2014
CHKD. BY:	APPVD. BY:
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S LYONS ESTATES VI	

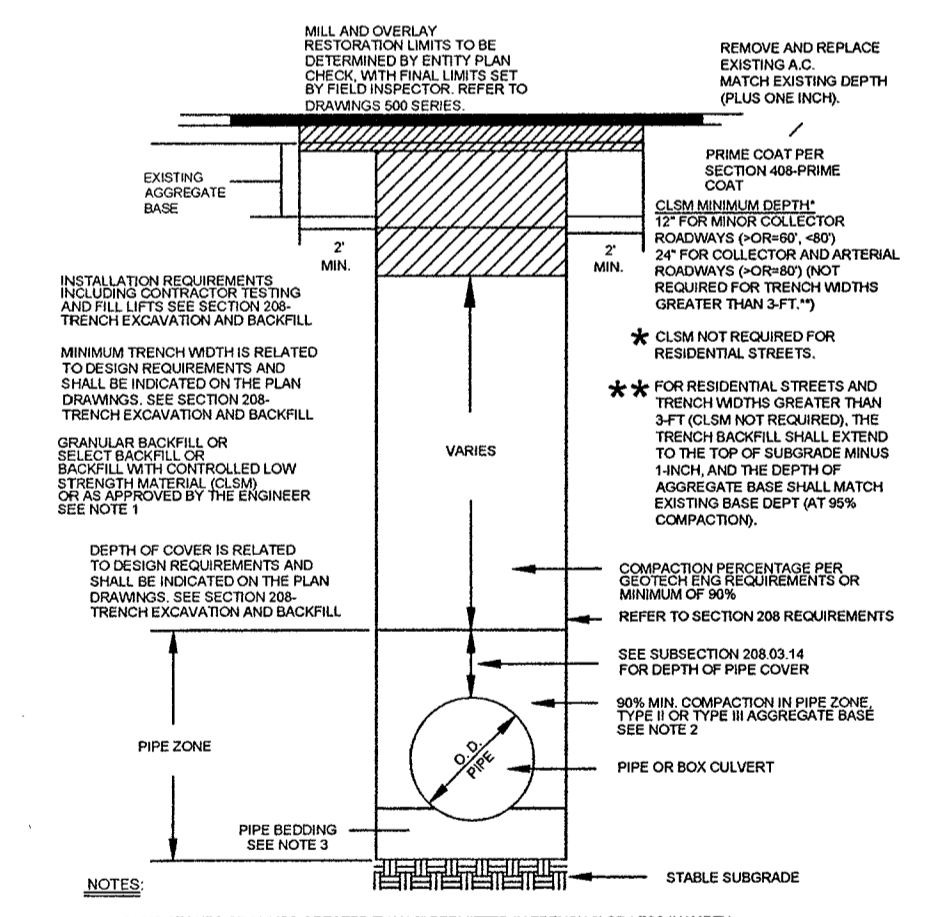


0 1" = 40' 40



MATCHLINE - SEE SHEET 4 OF 5

- PROPOSED FACILITIES:**
- 1 PROPOSED 4" PE MAIN
 - 2 PROPOSED 4" PE 90 DEGREE ELBOW #140-3069
 - 3 PROPOSED 2" PE CAP #140-3060
 - 4 PROPOSED 4" PE COUPLING #140-3530



- RTC NOTES:**
- PAVEMENT REPAIR AND / OR BACKFILL SHALL CONFORM TO RTC STANDARD(S):
- A1 503
 - A2 502
 - A3 500.3

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AS-BUILTS ACCEPTED BY	DATE
POSTED BY	DATE
POSTING QCD BY	DATE

CONSTRUCTION	
INSPECTOR	REVIEWED BY
SEE SHEET 2	
PERMIT INFORMATION	
CLARK COUNTY CITY OF LAS VEGAS TAX CODE 02-0125, 02-0200	

ISOLATION AREA	W.R. NO.
ISO_21_DIST_367 ISO_21_DIST_368	1800717
LOCATION	ATLAS #/TILE #
SEC 11 T19S R60E M.D.M.	x600y563 x603y563

ENGINEER/TECH: TAMI GARCIA	PHONE: 702-365-2152
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SHEET NO: 5 OF 5	SCALE: 1" = 40'
DWN. BY: SEI	CHKD. BY:
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17-17250

DOC_1800717