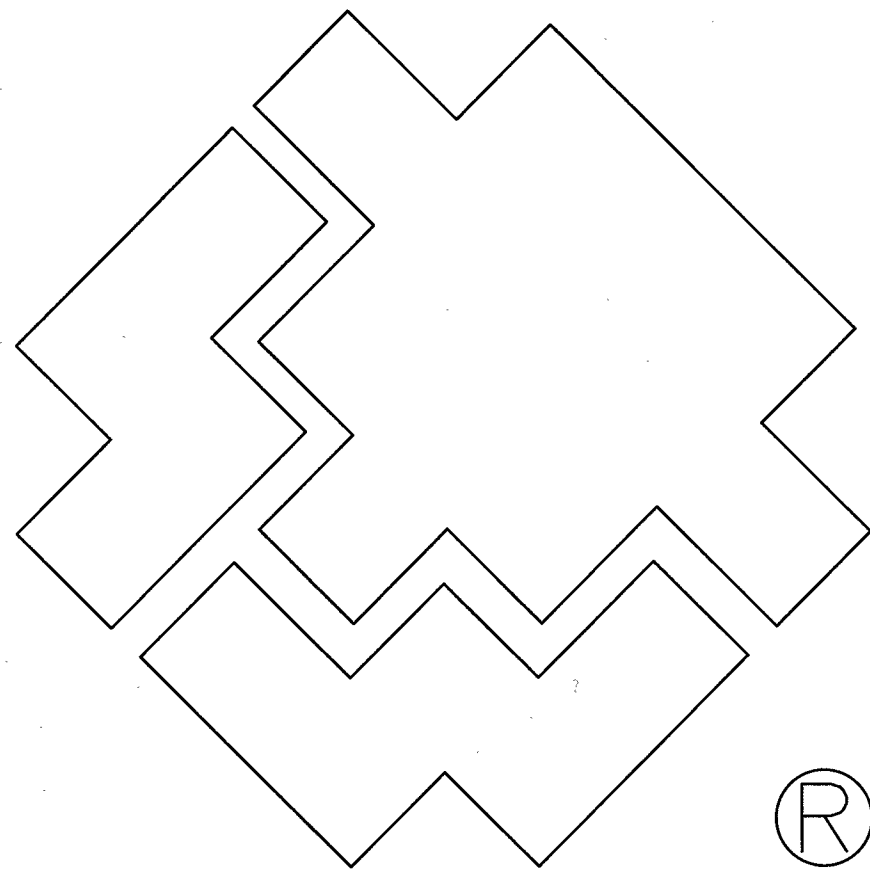




SOUTHWEST GAS CORPORATION

GIR 2018- CLV/CC - EUGENE AVE CITY OF LAS VEGAS-CLARK COUNTY, NV WR #3228282

Clark County

Total footage located in Public ROW: 25'

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

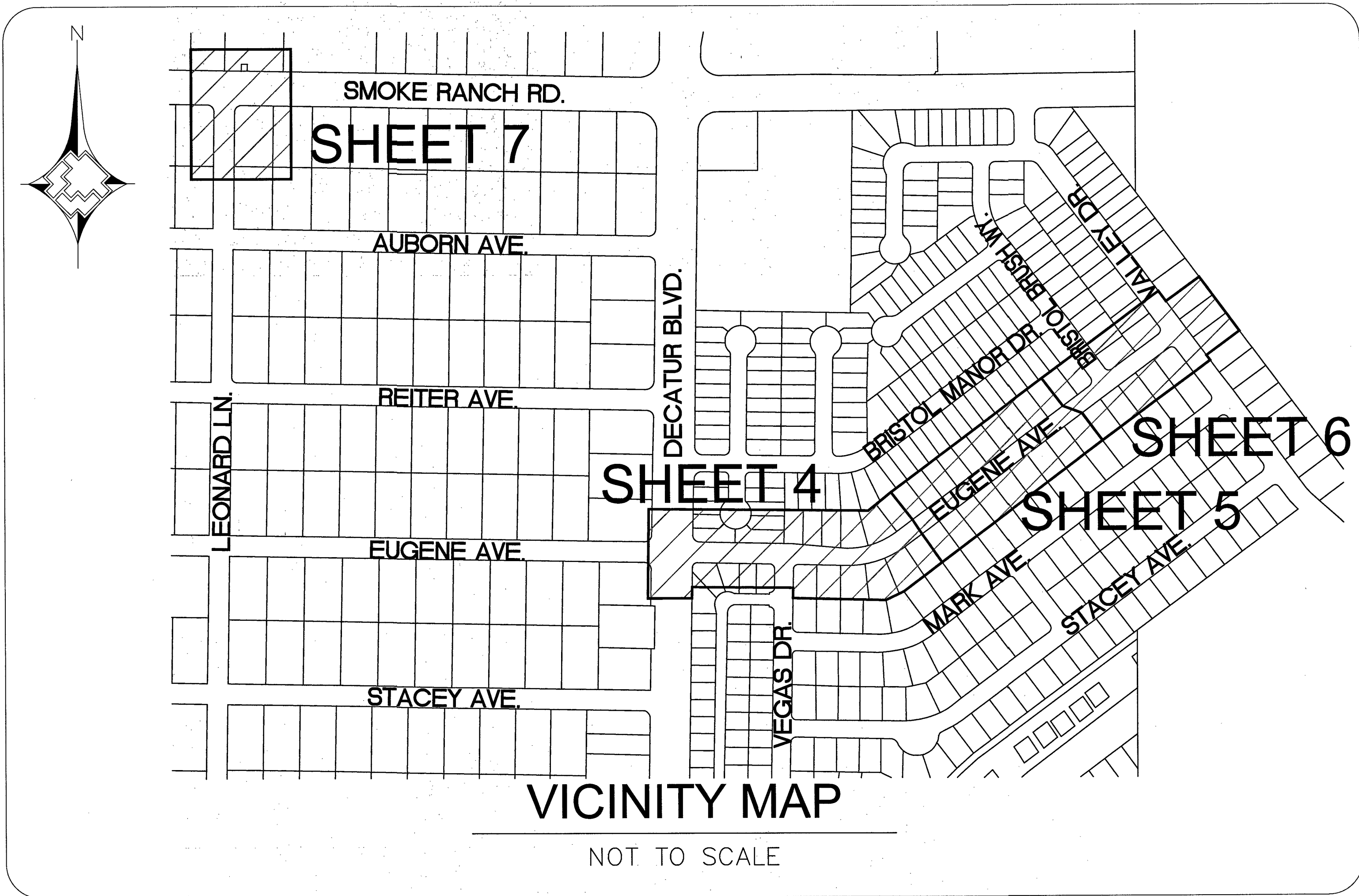
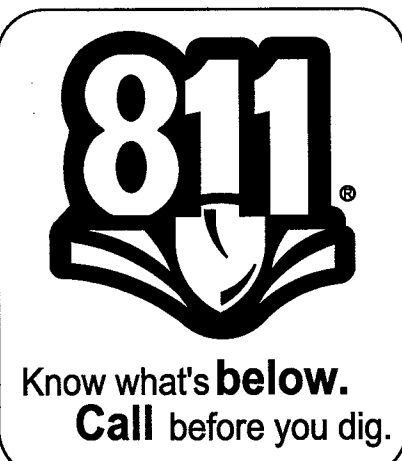
City of Las Vegas

Total footage located in Public ROW 2,122'

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 [Signature] Date 1 30 18

HANSEN# 217-01718 DWG# 107V/1130 - GAS



LEGEND

- EXISTING GAS LINE
- GAS LINE TO BE ABANDONED
- EXISTING GAS SERVICE
- PROPOSED MAIN GAS LINE (NEW) TO BE INSTALLED
- 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

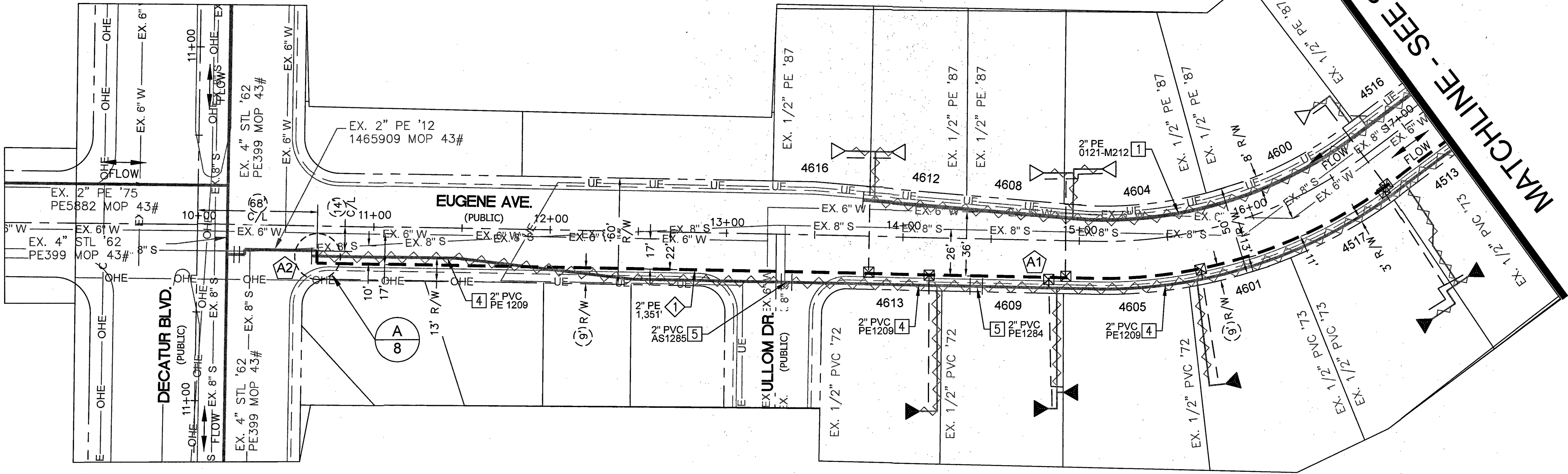
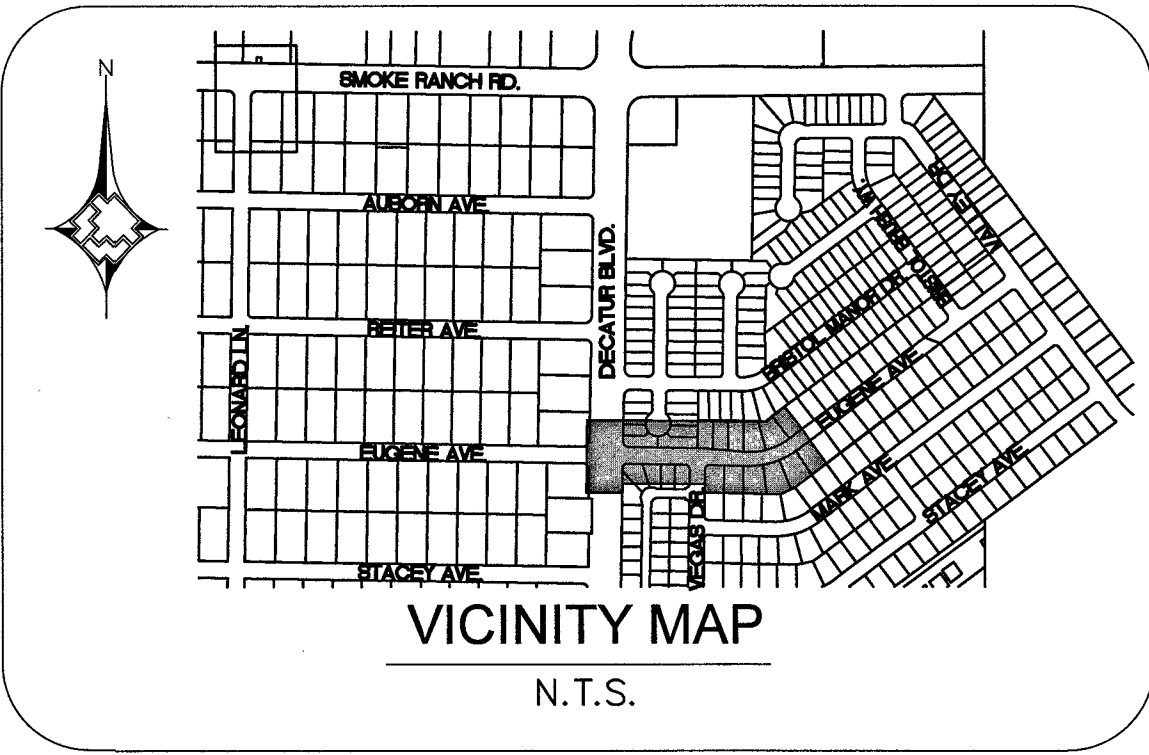
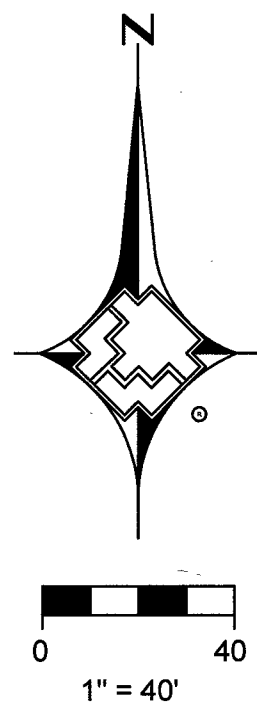
SHEET INDEX

- COVER SHEET
- NOTES & SIGNATURE SHEET
- MATERIALS & NOTES - PE
- DESIGN PLAN
- DESIGN PLAN
- DESIGN PLAN
- DESIGN PLAN
- DETAIL SHEET - A & B
- DETAIL SHEET - C

REVISIONS				PROPERTY UNITS				AS-BUILT DRAWING-PRESSURE TEST DATA				INDIVIDUAL PERFORMING VISUAL INSPECTION				CONSTRUCTION				ISOLATION AREA				W.R. NO.				ENGINEER/TECH: TORI DICKEY				PHONE: 702-365-2325			
1. _____				TAX CODES				TEST MEDIUM				I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS THAT HAVE PERFORMED				INSPECTOR				ISO-21-DIST-081				3228282				ACCOUNT REP:				PHONE:			
2. _____				UNIT NO.				TEST METHOD				NAME				FOREMAN				ISO-21-DIST-013				ATLAS #/TILE #				PROJECT CONTACT: EMMANUEL OROZCO				PHONE: 702-365-2035			
3. _____				UNIT TYPE				PIPE DIA.				DATE				REVIEWED BY				LOCATION				SHEET NO: 1 OF 9				SCALE: NTS				DATE: 08/15/2016			
4. _____				INSTL. RETIRED				PIPE LENGTH				DATE (START)				CITY OF LAS VEGAS, CLARK COUNTY				SEC 19				DWN. BY: SEI				CHKD. BY:				APPVD. BY:			
NO. DESCRIPTION BY DATE APPVD.				INSTL. RETIRED				PIPE TYPE				DATE (STOP)				TAX CODE 02-0200, 02-0125				SEC 24				TITLE				GIR 2018- CLV/CC - EUGENE AVE							
				INSTL. RETIRED				MIN. DURATION				DATE (STOP)								T20S R61E				GIR 2018- CLV/CC - EUGENE AVE				COVER SHEET							
				INSTL. RETIRED				TEST PRES. (PSIG): (MAX)				DATE (STOP)								T20S R60E															
				INSTL. RETIRED				TIME (HOURS)				DATE (STOP)								M.D.M.															
				INSTL. RETIRED				PERFORMED BY:				DATE (STOP)																							
				INSTL. RETIRED				SWS VERIFIED BY:				DATE (STOP)																							

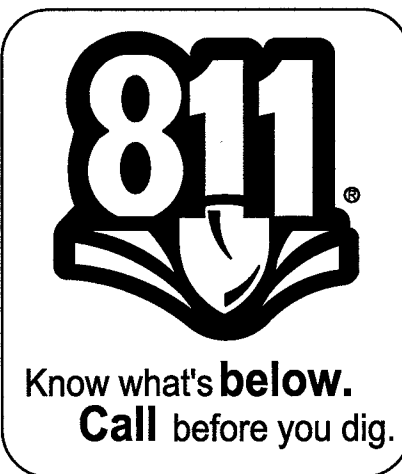
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12/20/17
117-01718



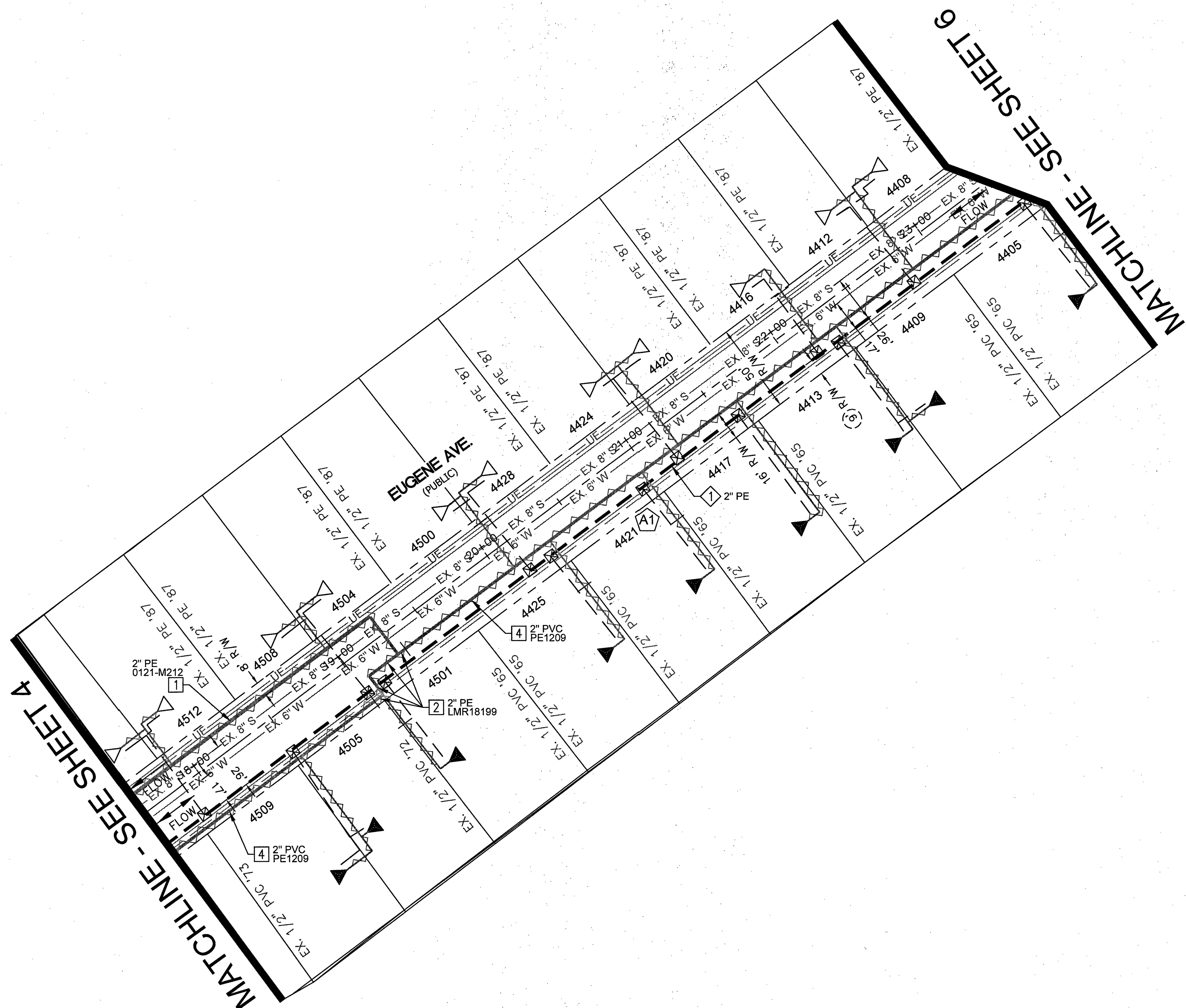
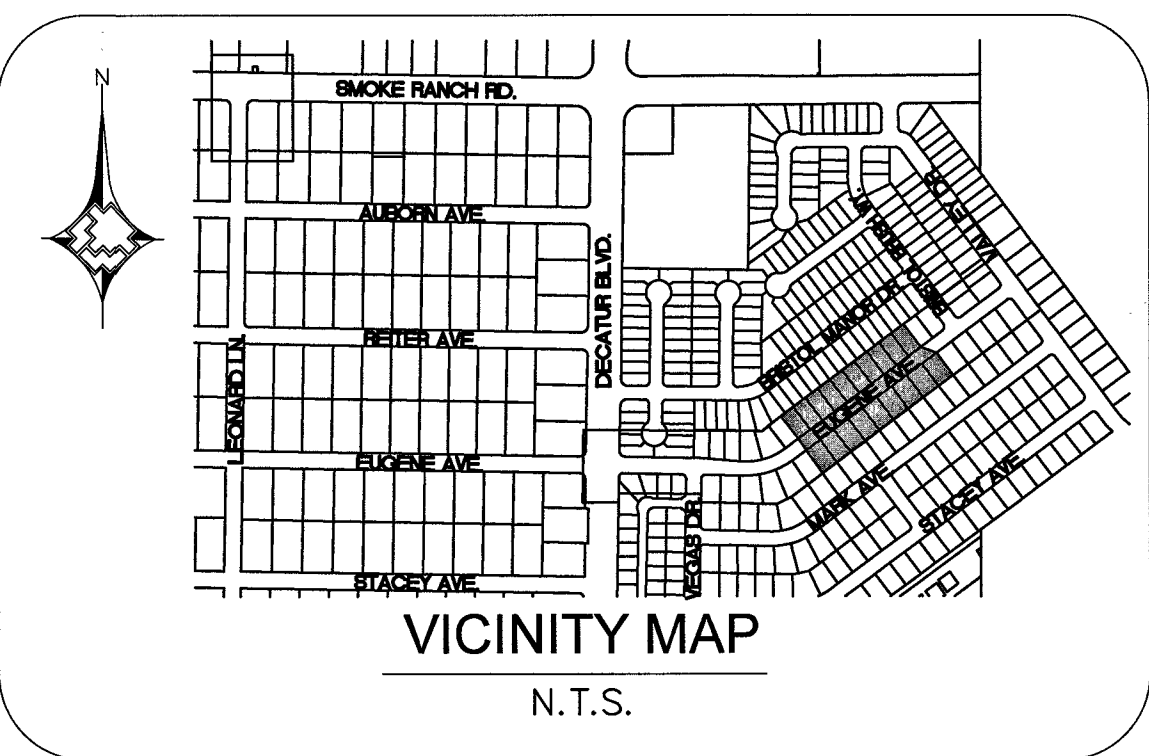
MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1			100-5101	PROPOSED 2" PE MAIN

MATERIAL LIST FOR ABANDONED FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1			3760102	ABANDON AND REPLACE EX. 2" PE '86 MOP 43#
4			3760602	ABANDON AND REPLACE EX. 2" PVC '65 MOP 43#
5			3760602	ABANDON AND REPLACE EX. 2" PVC '72 MOP 43#



RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM TO RTC:
A1 500.4
A2 500.5

1. 2. 3. 4. NO. DESCRIPTION BY DATE APPVD REVISIONS				AS-BUILT DRAWING-PRESSURE TEST DATA PIPE DIA. _____ PIPE LENGTH _____ PIPE TYPE _____ MIN. DURATION _____ TEST PRES. (PSIG) (MAX) _____ TIME (START) _____ (STOP) _____ DATE (START) _____ (STOP) _____ PERFORMED BY: _____ SWG VERIFIED BY: _____ TEST MEDIUM TEST METHOD ☐ AIR ☐ GAUGE ☐ NITROGEN ☐ CHART ☐ WATER ☐ GAUGE/ SOAP PRESS REC SN# _____				INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION I HAVE VISUALLY INSPECTED ALL HEATED FUSION JOINTS, MECHANICAL JOINTS, AND WELDS THAT HAVE PERFORMED NAME _____ DATE _____ SEE SHEET 3 CONSTRUCTION INSPECTOR _____ FOREMAN _____ REVIEWED BY _____ SEE SHEET 3 PERMIT INFORMATION CITY OF LAS VEGAS, CLARK COUNTY TAX CODE 02-0200, 02-0125				ISOLATION AREA ISO-21-DIST-081 ISO-21-DIST-013 W.R. NO. 3228282 LOCATION SEC 19 T20S R61E SEC 24 T20S R60E M.D.M. ATLAS #/TILE # x609y526 x612y526 x612y528 x609y528		ENGINEER/TECH: TORI DICKEY ACCOUNT REP: _____ PROJECT CONTACT: EMMANUEL OROZCO SHEET NO: 4 OF 9 DWN BY: SEI SCALE: 1"=40' CHKD BY: _____ DATE: 08/15/2016 APPVD BY: _____ TITLE GIR 2018- CLV/CC - EUGENE AVE DESIGN PLAN PHONE: 702-365-2325 PHONE: 702-365-2035 DATE: 08/15/2016 APPVD BY: _____			
SOUTHWEST GAS CORPORATION				TAX CODES UNIT NO. UNIT TYPE INSTL. RETIRED INSTL. RETIRED PROPOSED COMPLETED PROPERTY UNITS													



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
①			100-5101	PROPOSED 2" PE MAIN

MATERIAL LIST FOR ABANDONED FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1			3760102	ABANDON AND REPLACE EX. 2" PE '86 MOP 43#
2			3760102	ABANDON AND REPLACE EX. 2" PE '87 MOP 43#
4			3760602	ABANDON AND REPLACE EX. 2" PVC '65 MOP 43#

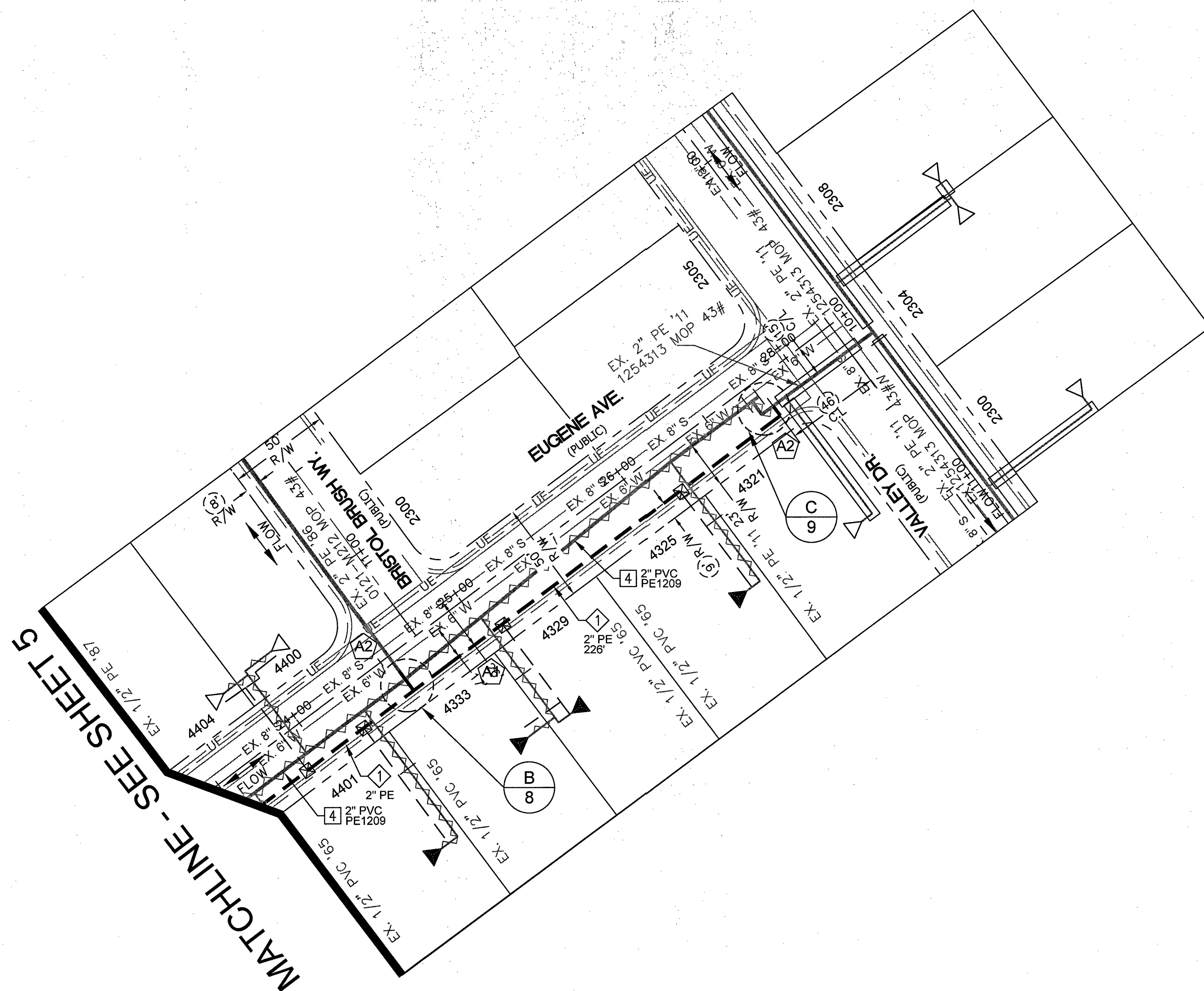
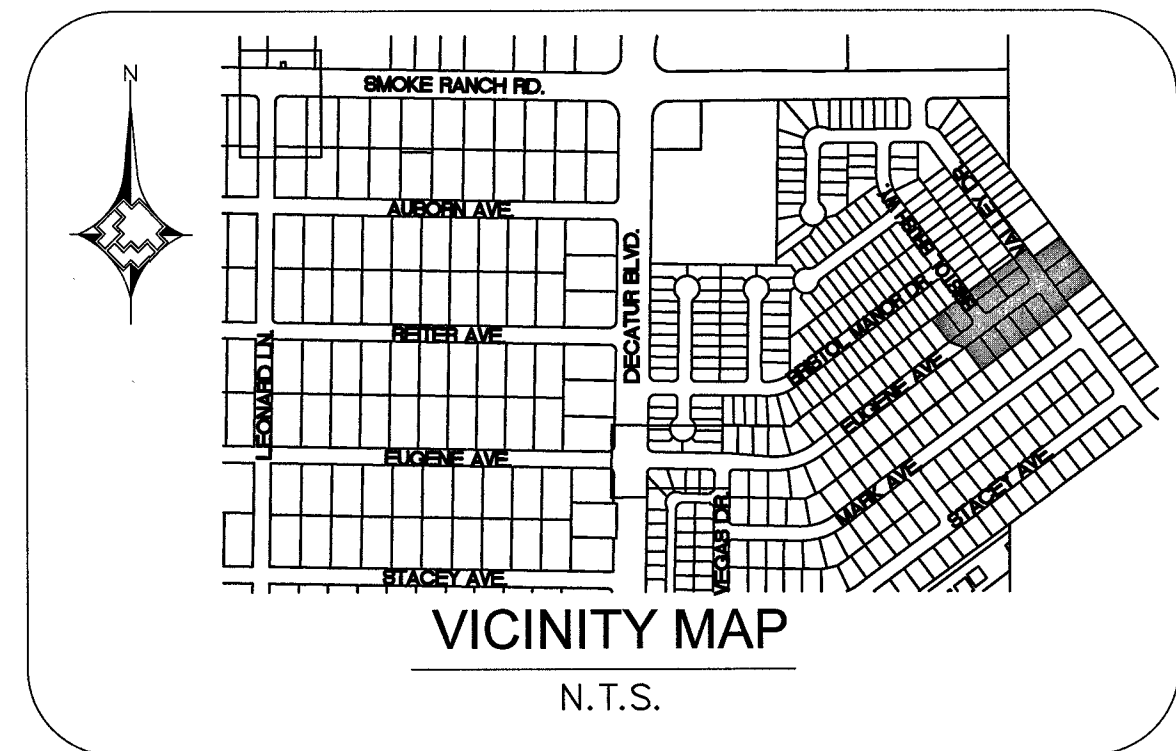


RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC:

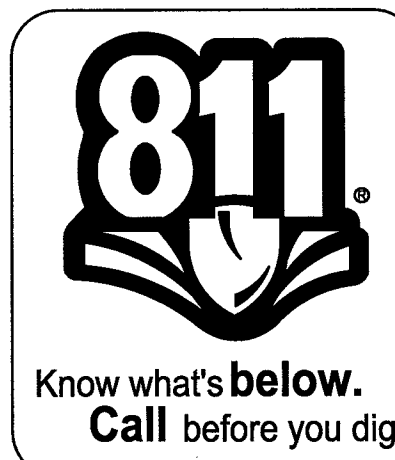
	500.4
	500.5

[illegible]



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1			100-5101	PROPOSED 2" PE MAIN

MATERIAL LIST FOR ABANDONED FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
4			3760602	ABANDON AND REPLACE EX. 2" PVC '65 MOP 43#



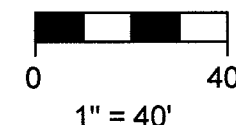
RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC:

A1 500.4

A2 500.5

[illegible]



SMOKE RANCH RD.
(PUBLIC)

EX. 4" STL '73
EX. 8" W PE5171 MOP 43#

EX. 4" STL '73
EX. 8" W PE5171 MOP 43#

EX. 8" W

100 R

EX. 16" S EX. 16" S EX. 16" S EX. 16" S EX. 16" S

5104

EX. 1 1/2" PVC '74

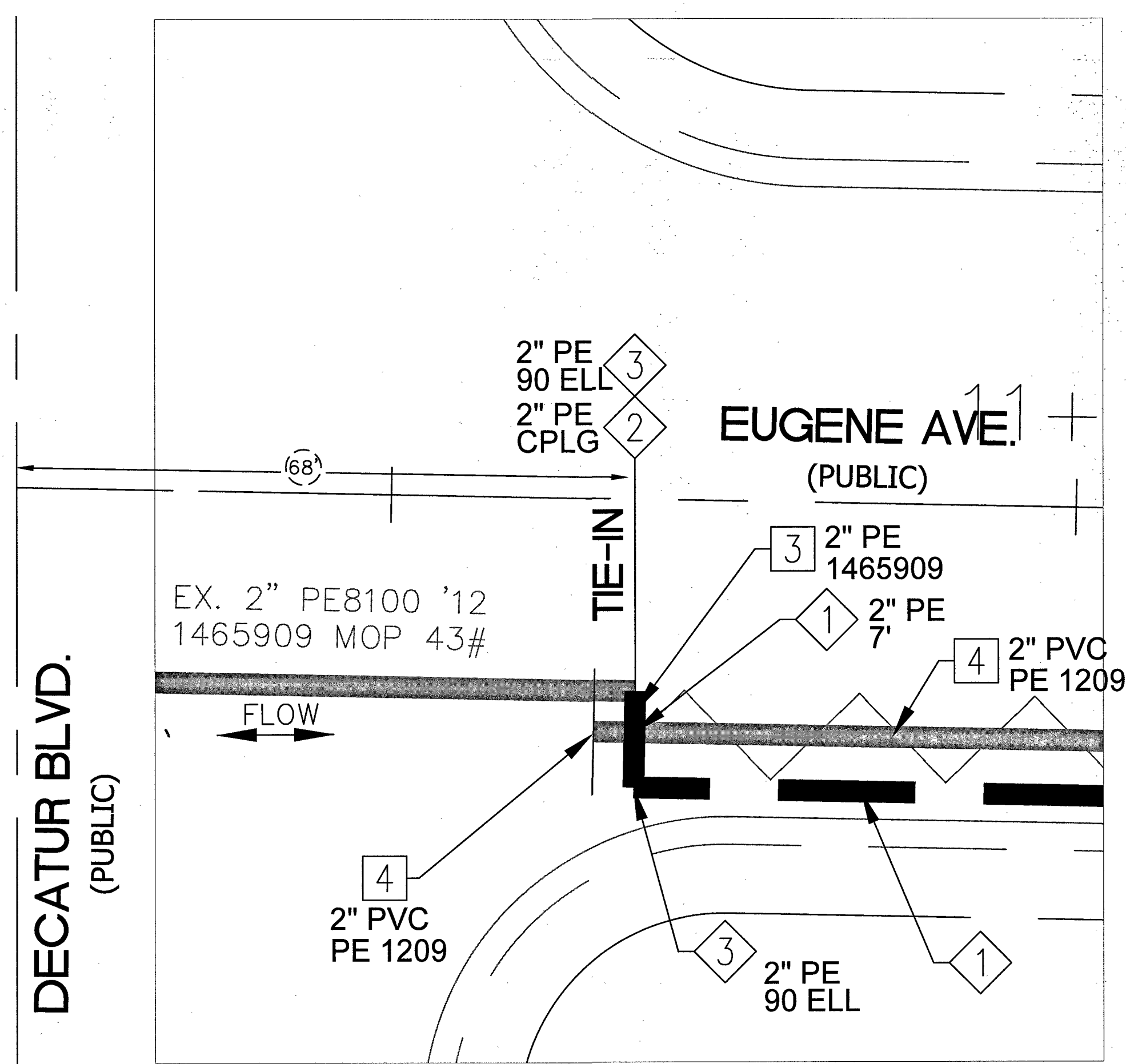
— LEONARD LN. —

(PUBLIC)



A2 500.5

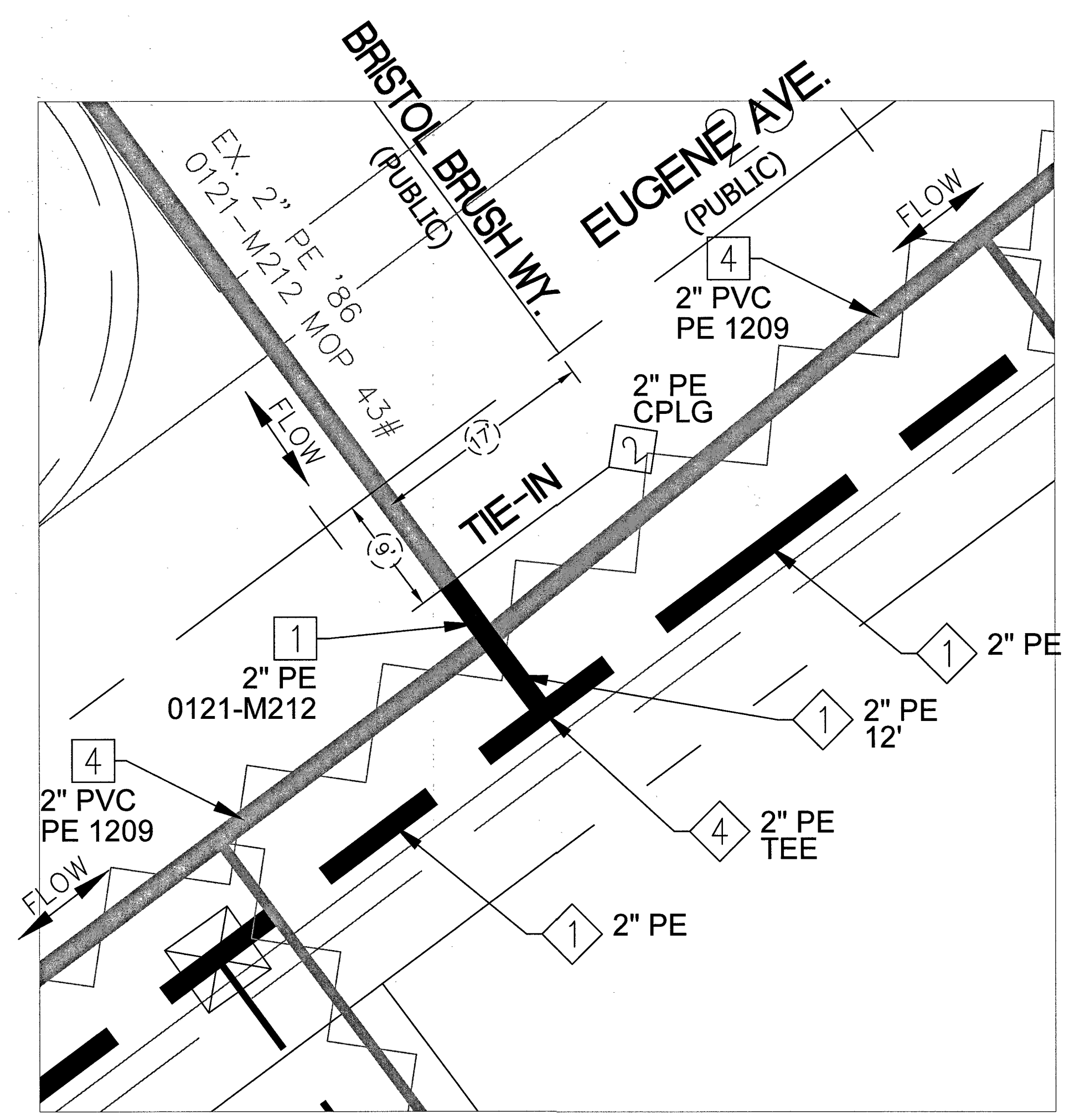
• • • • •



DETAIL
(SEE SHEET 4)
NTS

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1			100-5101	PROPOSED 2" PE MAIN
2			140-3504	PROPOSED 2" METFIT COUPLING
3			140-3067	PROPOSED 2" PE 90 DEGREE ELBOW
4			140-3074	PROPOSED 2" PE FULL FLOW TEE

MATERIAL LIST FOR ABANDONED FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1			3760102	ABANDON AND REPLACE EX. 2" PE '86 MOP 43#
3			3760102	ABANDON AND REPLACE EX. 2" PE '12 MOP 43#
4			3760602	ABANDON AND REPLACE EX. 2" PVC '65 MOP 43#

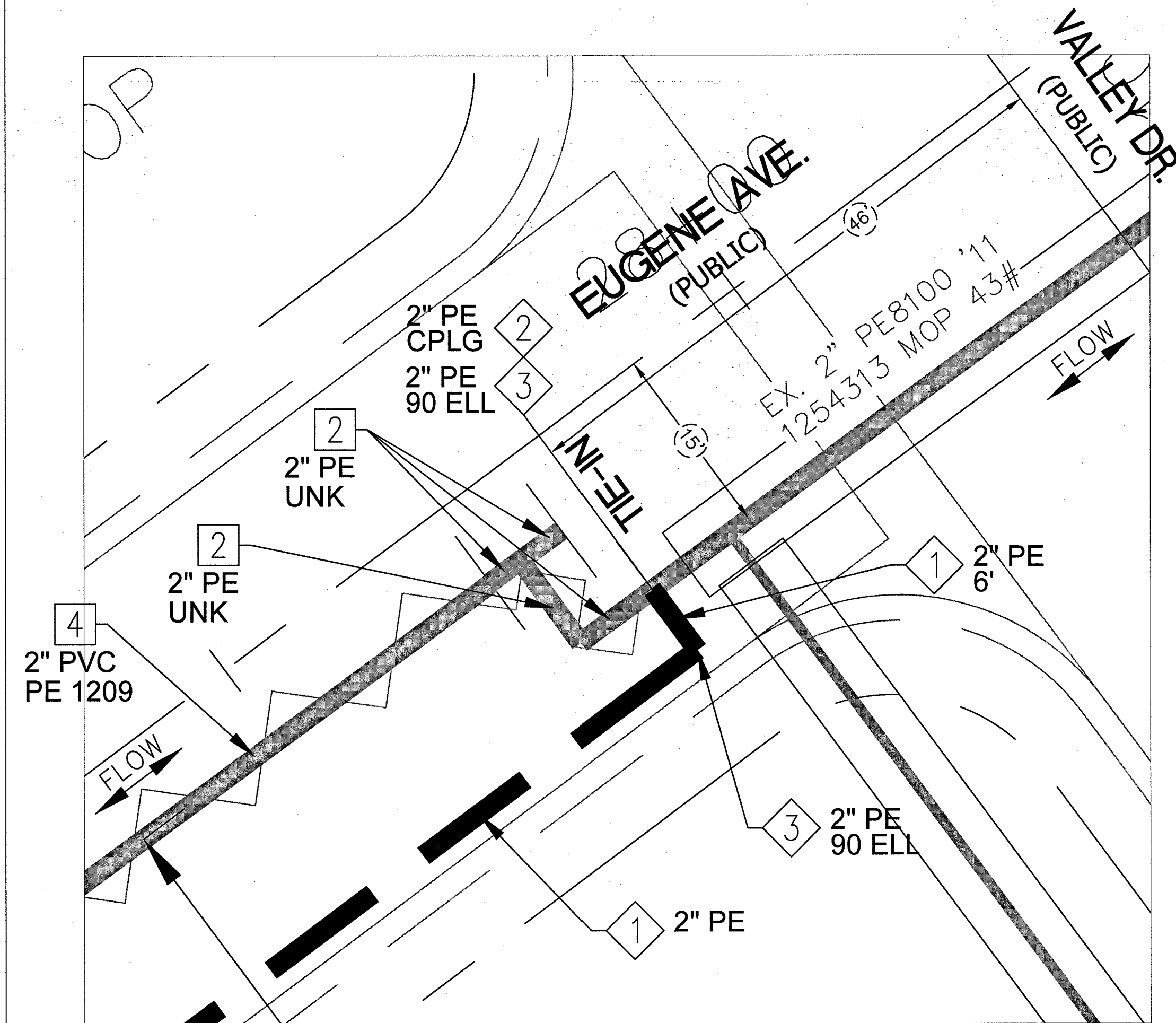


DETAIL
(SEE SHEET 6)
NTS



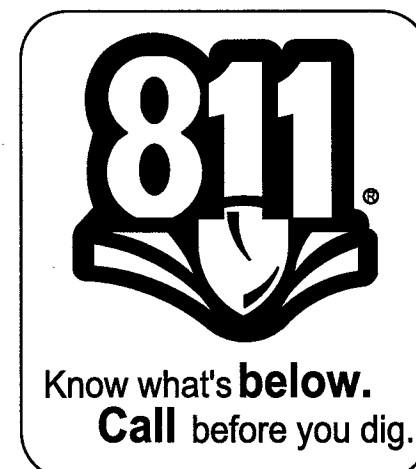
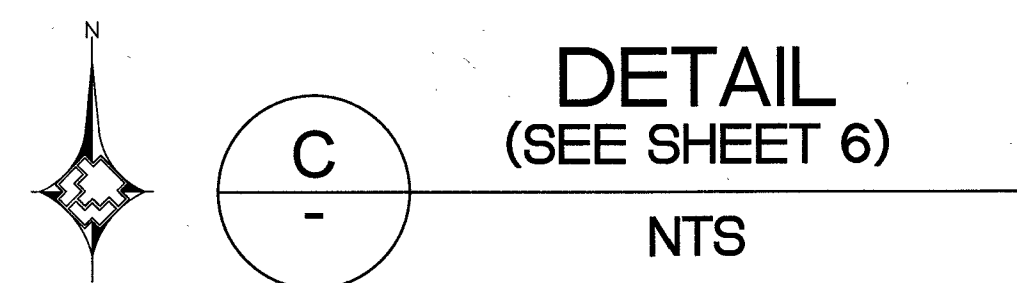
RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM TO RTC:
A1 500.4
A2 500.5

1. _____ 2. _____ 3. _____ 4. _____ NO. DESCRIPTION BY DATE APPVD.				AS-BUILT DRAWING-PRESSURE TEST DATA PIPE DIA. _____ PIPE LENGTH _____ PIPE TYPE _____ MIN. DURATION _____ TEST PRES. (PSIG) (MAX) _____ (MIN) _____ TIME (START) _____ (STOP) _____ DATE (START) _____ (STOP) _____ PERFORMED BY: _____ SWIG VERIFIED BY: _____				INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS THAT HAVE PERFORMED NAME _____ DATE _____ AS-BUILT'S ACCEPTED BY _____ DATE _____ POSTED BY _____ DATE _____ POSTING QC'D BY _____ DATE _____				CONSTRUCTION INSPECTOR _____ FOREMAN _____ REVIEWED BY _____ PERMIT INFORMATION CITY OF LAS VEGAS, CLARK COUNTY TAX CODE 02-0200, 02-0125				ISOLATION AREA ISO-21-DIST-081 ISO-21-DIST-013 LOCATION SEC 19 T20S R81E SEC 24 T20S R80E M.D.M.				W.R. NO. 3228282 ATLAS #/TILE # x609y526 x612y526 x612y528 x609y528				ENGINEER/TECH: TORI DICKEY ACCOUNT REP: _____ PROJECT CONTACT: EMMANUEL OROZCO SHEET NO: 8 OF 9 DWN. BY: SEI SCALE: NTS DATE: 08/15/2016 APPVD. BY: _____				PHONE: 702-365-2325 PHONE: 702-365-2035 TITLE GIR 2018- CLV/CC - EUGENE AVE DETAIL SHEET - A & B			
REVISIONS SOUTHWEST GAS CORPORATION				TAX CODES UNIT NO. UNIT TYPE INSTL. RETIRED PROPOSED COMPLETED				SEE SHEET 3				SEE SHEET 3				SEE SHEET 3				SEE SHEET 3											



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1			100-5101	PROPOSED 2" PE MAIN
2			140-3504	PROPOSED 2" METFIT COUPLING
3			140-3067	PROPOSED 2" PE 90 DEGREE ELBOW

MATERIAL LIST FOR ABANDONED FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
2			3760102	ABANDON AND REPLACE EX. 2" PE '87 MOP 43#
4			3760602	ABANDON AND REPLACE EX. 2" PVC '65 MOP 43#



RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC:

A1 500.4

A2 500.5

1. 2. 3. 4.								AS-BUILT DRAWING-PRESSURE TEST DATA PIPE DIA. PIPE LENGTH PIPE TYPE MIN. DURATION TEST PRES. (PSIG) (MAX) (MIN) TIME (HOUR) (START) (STOP) DATE (START) (STOP) PERFORMED BY: SVGS VERIFIED BY:			
---	--	--	--	--	--	--	--	--	--	--	--

TEST MEDIUM

☐ AIR ☐ NITROGEN ☐ WATER

TEST METHOD

☐ GAUGE ☐ CHART ☐ SOAP PRESS REC SN#