

Appendix L

Overview of Water and Sewer for the Amanda Lane Project

Dexter Wilson Engineering 2013

**OVERVIEW OF WATER AND SEWER
FOR THE
AMANDA LANE PROJECT
IN THE CITY OF ESCONDIDO**

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CHAPTER 1

INTRODUCTION

This report provides an overview of water and sewer service for the Amanda Lane project in the City of Escondido. This report will develop conceptual water and sewer service plans for the project with recommended required on-site facilities to accommodate the project.

PROJECT OVERVIEW

The Amanda Lane project is located in the City of Escondido west of Interstate 15, north of Hamilton Lane, along Amanda Lane. Figure 1 presents a vicinity map showing the subject property.

DEVELOPMENT PLAN

The Amanda Lane project plans to develop the site into 22 individual dwelling on 5 acres.

TOPOGRAPHY

The existing topography on the property ranges in elevation from a low of approximately 760 feet to a high of approximately 820 feet. The topography generally increases from south to north.

\\PACIFIC\DWG\736009\FIGURE 1.DWG 04-23-13 13:59:18 LAYOUT: LAYOUT1

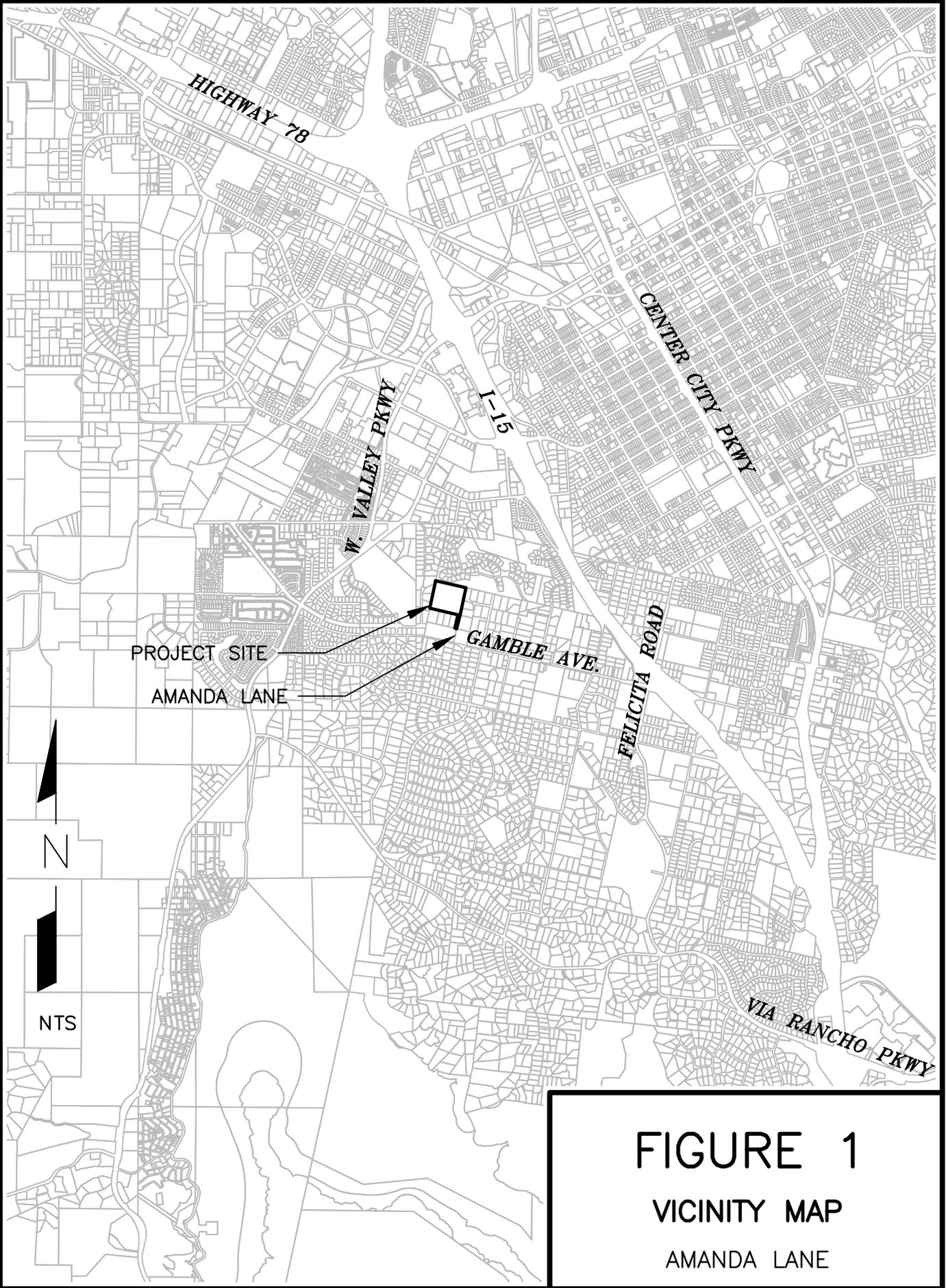


FIGURE 1
VICINITY MAP
AMANDA LANE

SEWER SERVICE

Sewer service for the Amanda Lane project will be provided by the City of Escondido. The City of Escondido is planning to construct a new gravity sewer pipeline in Felicita Road to eliminate pump stations. This pipeline will allow the project to sewer by gravity. The closest sewer to the project is at Amanda Lane and Gamble. The City of Escondido Capacity Fee is \$7,500 per unit or \$165,000 for 66 units.

WATER SERVICE

The project will be provided water by the Rincon del Diablo Water District from their Citracado/Hamilton lift pumped Zone. This conceptual analysis is based on information provided by the District for another project and will need to be confirmed by the District prior to final maps.

The capacity fee including the SDCWA charge for 5/8" meters is \$10,804 per meter or \$237,688 for 22 meters. If 1" meters are required for fire sprinklers they are \$22,584 each or \$1,490,544 for 66 meters.

Figure 2 shows the improvements that would be needed to serve the project. A 12" line would need to be constructed in Amanda Lane and Gamble. Two 8" lines would then have to be connected to the Citracado/Hamilton pumped zone. To meet the Districts fire requirements the existing pump station would need to be upgraded and the District would need to make a final determination that the second fire could be in an adjacent zone since the Citracado/Hamilton Zone is so small.

PACIFIC\DWG\736009\FIGURE 2.DWG 04-23-13 15:07:37 LAYOUT: LAYOUT

LEGEND

-  EXISTING WATER LINE
-  PROPOSED WATER LINE

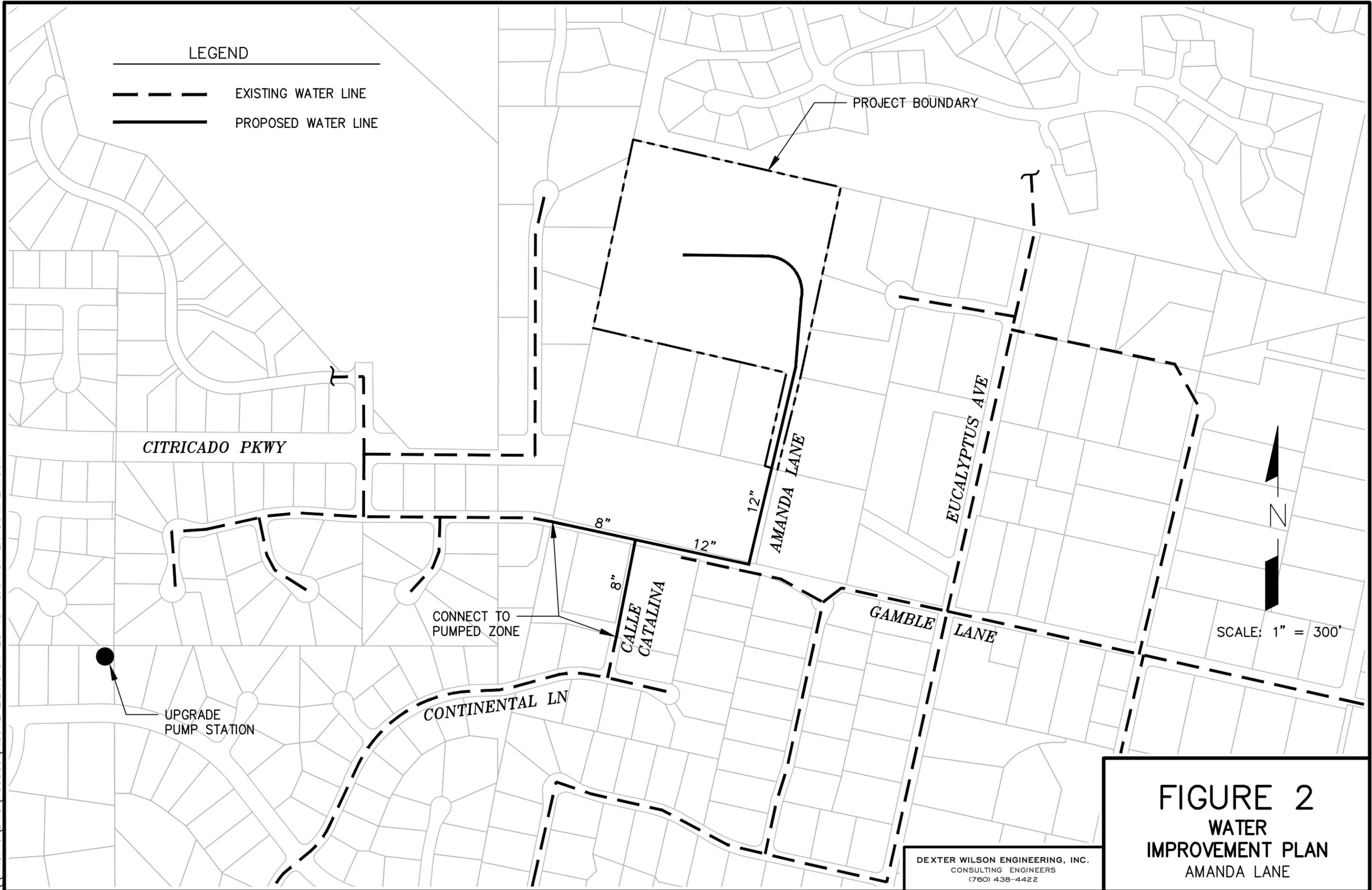


FIGURE 2
WATER
IMPROVEMENT PLAN
 AMANDA LANE

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