



ENGINEERING DEPARTMENT

SUMMER INTERNSHIP PRESENTATION

Christian Zavala

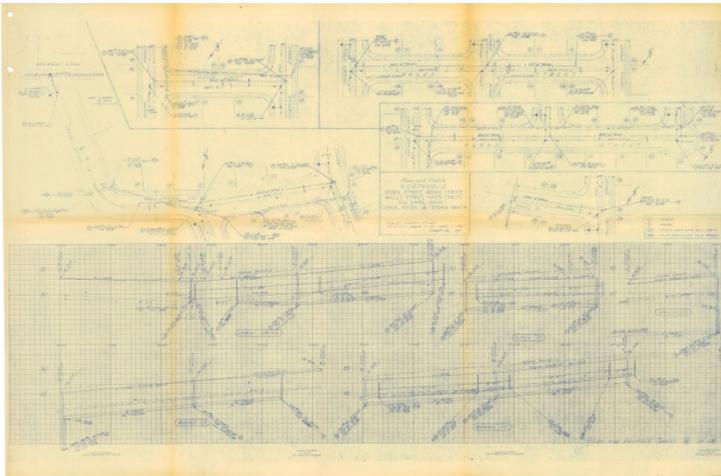
September 6, 2017

SUMMER '18 PROJECT

- Rehabilitation project for next Summer for Northwood and Pear Tree Lane Areas
- Performed Preliminary Work for this Project
- Reviewed CCTV footage and As-Builts to identify sections that should be included within project scope
- Collected field data on locations of sewer cleanouts, manholes, and other utilities to add to maps and spreadsheets
- Updated CAD file with location of sewer laterals and utilities



SUMMER '18 PROJECT



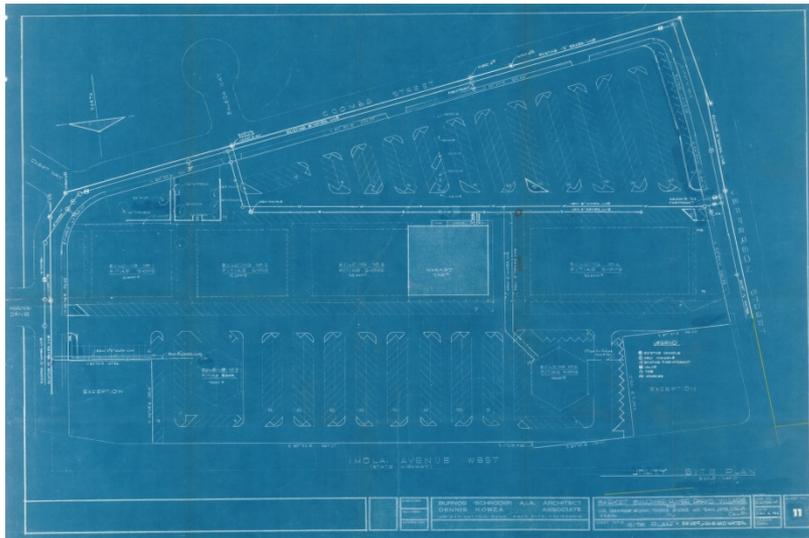
ASSISTANCE WITH SUMMER '17 PROJECT

- Inspected the condition and measured the positions of newly installed cleanouts for Collections Department and Asset Management
- Recorded measurements and project maps of this area

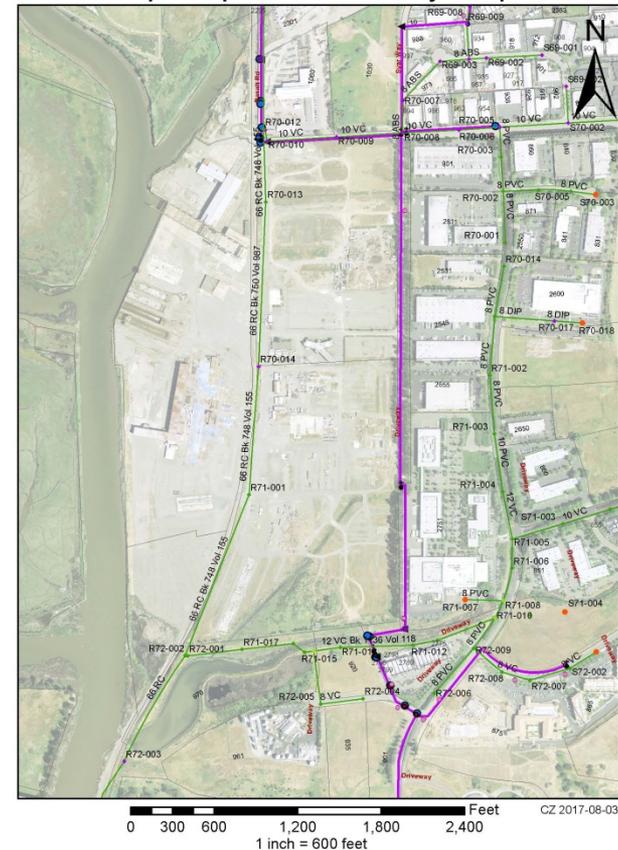


GENERAL RESEARCH & ASSISTANCE FOR ENGINEERS

- Retrieved as-builts for developers and performed development reviews
- Generated facility maps
- Reviewed historical permits



Napa Pipe Area Facility Map



WORK AS A RETURNING INTERN

- Smooth transition coming back to Napa San
- Picked up the basics quickly
- Understood terminology
- Everyone was very helpful and easy to work with
- Incorporated time management skills



OUTCOMES

- Learned new technical skills
 - AutoCAD
 - Development Reviews
 - Principles of Fluid Mechanics
- Refined my communication skills
- Continued to develop myself as a professional



THANK YOU FOR SUPPORTING THE NSD INTERNSHIP PROGRAM

Questions?

