

Utility Locating
Potholing
Mapping
GPR



SUBSURFACE UTILITY MAPPING SERVICES



www.cbelow.com

1-888-90-BELOW

14280 Euclid Ave.
Chino, CA 91710



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May 3, 2018

Mr. Kevin Laut
Construction Manager
Capital Planning, Design, and Construction
The California State University Office of the Chancellor
401 Golden Shore, 2nd Floor
Long Beach, CA 90802-4210

Re: Proposal for Subsurface Utility Mapping Services Master Enabling Agreement

Dear Mr. Laut,

C Below, Inc. (C Below) appreciates the opportunity to respond to the Request for Proposals (RFP) for the "Subsurface Utility Mapping Services Master Enabling Agreement". I have read and understand all portions of this RFP and agree to enter into a contract if C Below is selected.

C Below has been in business since 2009 and specializes in Subsurface Utility Engineering (SUE) investigations. We have the capacity to perform all services in-house for each Quality Level specified in the RFP. C Below's investigations are performed in accordance with CI/ASCE 38-02. We are a State of California 'A' Licensed Contractor No. 959964. Additionally, we are registered with the California Department of Industrial Relations No. 1000003150. Copies of our license and registration are provided in the Appendix.

C Below has performed investigations at several CSU schools as part of over 4,000 designating (geophysical), locating (potholing), and mapping projects throughout California. We work closely with owners, designers and contractors to avoid conflicts in design and eliminate damages, delays and injuries during construction. We are excited about this opportunity to assist you and your team during the process.

C Below has three California locations with corporate headquarters in Chino, CA:

Chino Office
14280 Euclid Ave.
Chino, CA 91710

Eastvale Office
8500 Hellman Ave.
Eastvale, CA 92880

San Diego Office
4970 Market Street
San Diego, CA 92102

INTRODUCTION





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All projects for this agreement will be managed from the Eastvale location, with technicians and equipment supplied from the nearest branch office. Projects that are greater than 100 miles from any office will have teams and equipment dedicated and stationed in the project area for the duration of the work.

The primary contact person for this RFP/Contract if awarded will be:

David Mintzer, Business Development Manager
C Below, Inc.
14280 Euclid Ave.
Chino, CA 91710
909.993.1370 ext. 220
dmintzer@cbelow.com

Thank you for your consideration. The C Below Team looks forward to working with you.

I declare all information in this RFP response is accurate under penalty of perjury.

Respectfully Submitted,

Chris Loera
Chief Executive Officer
C Below, Inc.

INTRODUCTION





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C Below has performed over 4,000 investigations throughout California since 2009. C Below has provided subsurface utility mapping services for several California State University locations during that time. We have an outstanding track record of adhering to project schedules and remaining within budget.

CLIENT NAME:

C.W. Driver

CLIENT CONTACT:

Jeff Bara
468 N. Rosemead Blvd
Pasadena, CA 91107
(626) 351-8800

COMPLETION DATE:

Ongoing

C BELOW

PROJECT MANAGER:

Hector Vargas

CSULB MSX Utility Infrastructure Utility Investigation & Mapping

Project Location: CSU Long Beach - West Campus

Scope of Work: Utility Locating Investigation and 2D Mapping services on the West College Campus in relation to storm drain and water line installation projects.



CLIENT NAME:

C.W. Driver

CLIENT CONTACT:

Sam Huleis
468 N. Rosemead Blvd
Pasadena, CA 91107
(626) 351-8800

COMPLETION DATE:

January 2018

C BELOW

PROJECT MANAGER:

Hector Vargas

CBAPP Utility Locating, Mapping & Potholing Investigation

Project Location: CSU Dominguez Hills

Scope of Work: Utility Locating Investigation, 2D Mapping, and Potholing services on the college campus in relation to campus upgrades.

EXPERIENCE



Cal State Los Angeles Utility Investigation

Project Location: CSU Los Angeles

Scope of Work: Utility Locating Investigation and 2D Mapping services on the college campus in relation to installation of a new plant.



CLIENT NAME:
Digital Energy

CLIENT CONTACT:
Jai Agaram
128 Auburn Ct #106
Westlake Village, CA 91362
(805) 208-1276

COMPLETION DATE:
October 2017

**C BELOW
PROJECT
MANAGER:**
Hector Vargas

EXPERIENCE

CLIENT NAME:
P2S Engineering

CLIENT CONTACT:
Zach Kell
5000 E. Spring St., 8th Floor
Long Beach, CA 90815
(562) 497-2999

COMPLETION DATE:
March 2018

**C BELOW
PROJECT MANAGER:**
Hector Vargas

Utility Extension North - Locating and Potholing Investigation

Project Location: CSU San Bernardino

Scope of Work: Performed over 50 Potholes on the campus along with Utility Locating Services and 2D Mapping services.



CLIENT NAME:
Coast Comm. College Dist.

CLIENT CONTACT:
Pedro Cortez
1370 Adams Ave
Costa Mesa, CA 92626
(714) 432-5139

COMPLETION DATE:
January 2018

**C BELOW
PROJECT MANAGER:**
Hector Vargas

OCC Student Union Utility Investigation & Mapping

Project Location: Orange Coast College

Scope of Work: Utility Locating Investigation, 2D Mapping services and Potholing on the college campus in relation to design for campus improvements.



EXPERIENCE

C Below has also performed services at several additional schools in California. A sampling of those schools is indicated below.

COMMUNITY COLLEGES

- Long Beach City College
- Santa Ana College
- Fullerton College
- Glendal Community College
- San Bernardino Valley College
- Cerritos College

PRIVATE COLLEGES

- Pierce College
- Chaffey College
- California Baptist University
- Biola University
- Pepperdine University
- University of Southern California

CA UNIVERSITIES

- UC Los Angeles
- UC Riverside
- UC Irvine

SCHOOL DISTRICTS

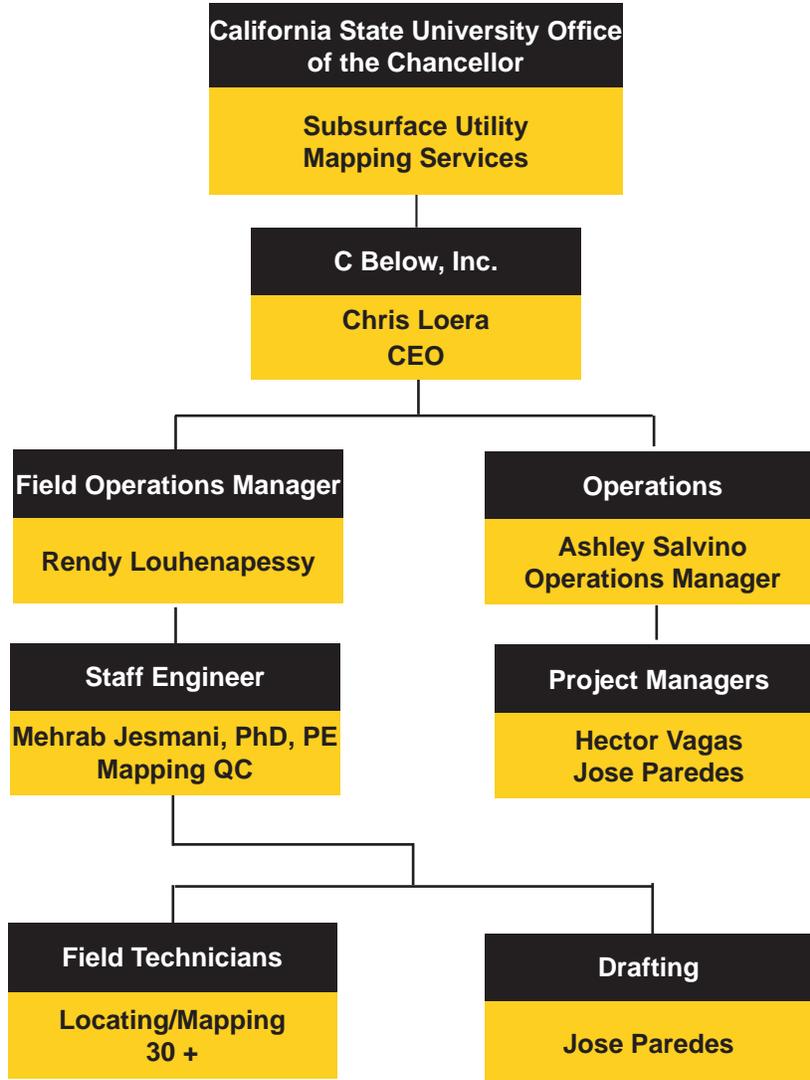
- Torrance USD
- William S Hart USD
- Moreno Valley USD
- Chino Valley USD
- Riverside USD
- Pomona USD
- Pasadenu USD
- Newport-Mesa USD
- Norwalk-La Mirada USD
- Redondo Beach USD
- Long Beach USD
- Los Angeles USD
- Alhambra USD
- Centinella Valley USD
- Santa Ana USD
- Garden Grove USD





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2017 Annual Revenue	Number of Full Time Employees	Number of Consultants
\$6,500,000.00	40	0

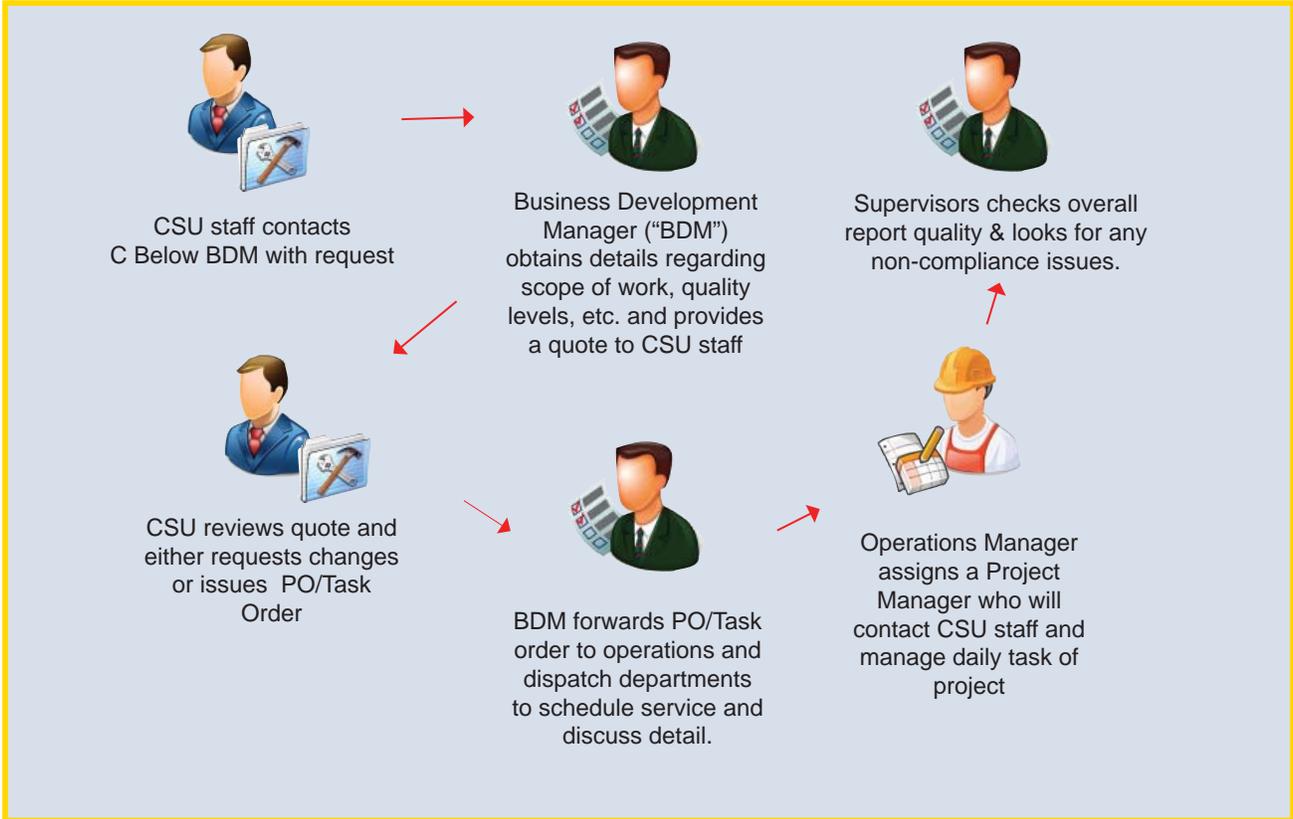


PERSONNEL

Project collaboration for quotes with the CSU Team will be handled by your designated Business Development Manager David Mintzer.

C Below has an administrative staff that is responsible for assisting clients and assuring efficiency. The departments include Safety, Business Development, 24 hour Dispatch, Payroll, Accounting, Project Management, Engineering and Drafting/Reporting.





This chart details the project flow at C Below.

C Below is dedicated to providing rapid response times. Communication between C Below's team will be the key to success for this on-call project and we are confident that you will be impressed by our staffs professionalism and attention to detail. David Mintzer may be reached at 1-888-902-3569 ext. 220 to assist you with any specifics regarding this project. You may reach Dispatch directly by choosing Option 2 for scheduling.





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Successful project management goes along way and starts with great communication between our Business Development Manager, Project Manager, Dispatcher and the Lead Technician. This allows for a proactive, on-time, and informed project team.

In order to provide the best quality service, all projects are managed by a dedicated account team. A Business Development Manager (BDM) is assigned to provide estimates, project budget monitoring and additional client support. A Project Manager (PM) is assigned to each project to direct field personnel and ensure completeness/accuracy of all work. The PM collects all pertinent reports, as-builts and any other existing documents for our field personnel to use as part of their investigation. The PM also sets and monitors the project schedule and assists in all progress and review of all deliverables.

Dispatching of our technicians is accomplished through a system C Below uses called Salesforce which allows us to electronically send out job assignments to technicians. The job assignment contains all pertinent information for the project including: location, contacts, arrival times and the scope of work.

All field technicians are equipped with smart phones in the field. Each day the technicians generate an electronic report. The daily report includes a detailed account of work performed, hours on-site and locating methods performed. The reports are electronically signed on the project site by the technician and a client representative (if available). The reports are then immediately available for e-mail distribution to the client. Additionally a mapping technician returns to the site to gather all the findings and return the data to our drafting department. Reports and drawings are (QC) Quality Control checked first by the report staff, then by the field technicians that performed the work. Lastly, a Professional Engineer reviews the deliverable before being sent to the client.

PERSONNEL





PERSONNEL

KEY PERSONNEL	EDUCATION /EXPERIENCE	PROJECT ROLE	REFERENCES
Chris Loera	East LA Skills Construction Inspection 20 Years	Chief Executive Officer Oversees all Operations	Matt Rowe (213) 433-1480 mrowe@psomas.com Jeff Bara (626) 351-8800 jbara@cwdriver.com
David Minizter	BA, University of California Irvine 2 Years	Business Development Manager Main point of contact for client, oversee change orders, client concerns, and cost-control	Rochelle Lee (310) 864-1225 rlee@warasic.com Sam Huleis (323)864-4493 shuleis@cwdriver.com
Mehrab Jesmani	Ph.D. Geotechnical Engineering, Sharif University of Technology, and Rutgers University M.S. Civil Engineering: Shiraz University, Shiraz, Iran B.S. Civil Engineering, Tehran University, Tehran, Iran 20 Years	Staff Engineer QC deliverables	David Menefee Koury Engineering & Testing (909) 606-6111 x102 davidm@kouryengineering.
Hector Vargas	BA, Brigham Young University 10 Years	Project Manager Coordinates all field and office efforts. Conducts site visits.	Travis Taylor (562) 497-2999 travis.taylor@p2seng.com Rich Sadowski (323) 864-3930 rsadowski@cwdriver.com
Rendy Louhenapessy	12 Years	Utility Locating Field Manager Reviews all reports, coordinates all field services.	Ben King (949) 502-4000 bking@balfourbeattyus.com Brent Palmer (310) 972-6594 bpalmer@balfoubeattyus.com
Jose Paredes	AA, ITT Technical Institute 10 Years	Drafter/ Project Manager Gather data collected by technicians and create a CAD. Coordinate field and office efforts.	Sam Huleis (323) 864- 4493 rlee@warasic.com Massi Ghaziyar (626) 351-8800 massi@deltapipeline.net





Code	Service	Cost
Ground Penetrating Radar		
351	Supervising Technician Concrete / Masonry - Location of reinforcing steel, conduit.....	\$ 175.00 per hour
352	Travel Time Per Man.....	\$ 110.00 per hour
Utility Locating - Electromagnetic Locator		
374	Supervising Technician Locate Electrical, Comm., Water, Power, Gas, Sewer & Storm	\$ 175.00 per hour
375	Locating Technician See terms and conditions for requirements.....	\$ 130.00 per hour
376	Travel Time Per Crew	\$ 195.00 per hour
Mapping		
382	Mapping Party	\$ 215.00 per hour
383	AutoCAD drawings Utilities	\$ 85.00 per hour
384	Travel Time Per Man.....	\$ 110.00 per hour
CCTV Pipe Inspection		
385	Video Pipe Inspection	\$ 310.00 per hour
386	High Pressure Hydro-Jetting.....	\$ 300.00 per hour
387	Travel Time CCTV Crew	\$ 225.00 per hour
388	Travel Time Water Jetting Crew	\$ 225.00 per hour
Potholing		
600	Standard Pothole 1' x 1' x 5'	\$ 550.00 per hole
601	Pothole 1' x 1' x 5'-10' deep	\$ 600.00 per hole
602	Pothole 1' x 1' x 10'-15' deep	\$ 650.00 per hole
603	Pothole 1' x 1' x 15'-20' deep ¹	\$ 850.00 per hole
604	Traffic Control.....	\$ 800.00 per day
605	Traffic Control Plans	\$ 500.00 per page
606	Potholing Hourly.....	\$ 475.00 per hour
607	Travel Time Per Crew.....	\$ 225.00 per hour
Additional Fees		
389	Administration / Project Coordination.....	\$ 95.00 per hour
390	Per Diem Per technician	\$ 150.00 per day
391	Permitting ²	\$ 750.00 per permit
392	Records Research	\$ 130.00 per hour
393	Pressure Washing.....	\$ 110.00 per hour

C Below Terms & Conditions apply to all services.

¹Potholes / Trenching deeper than 20 feet must call for quote.

²Additional permit charges will be billed at cost.

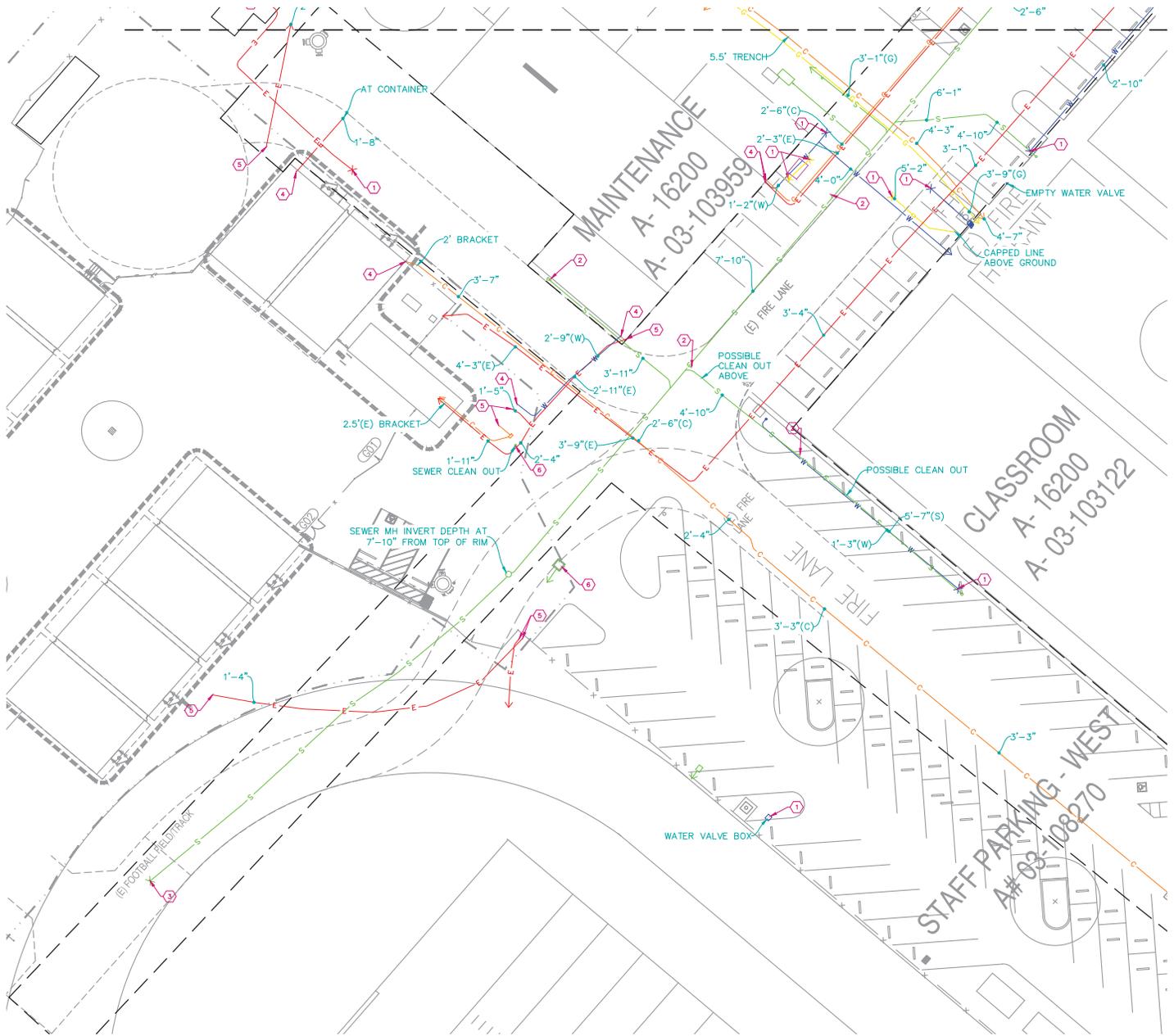
*15% Overtime charge applies for site time over (8) hours in one day, Saturday and Off-Hour work.

*20% Overtime charge applies to all services for Sunday work.

*Per diem fee will apply when the cost of daily mobilization would exceed the cost of per diem (typically Central and Northern campuses).

COST PROPOSAL





Example 2D Deliverable (Close up). Shows utility lines and associated notes including estimated depths.

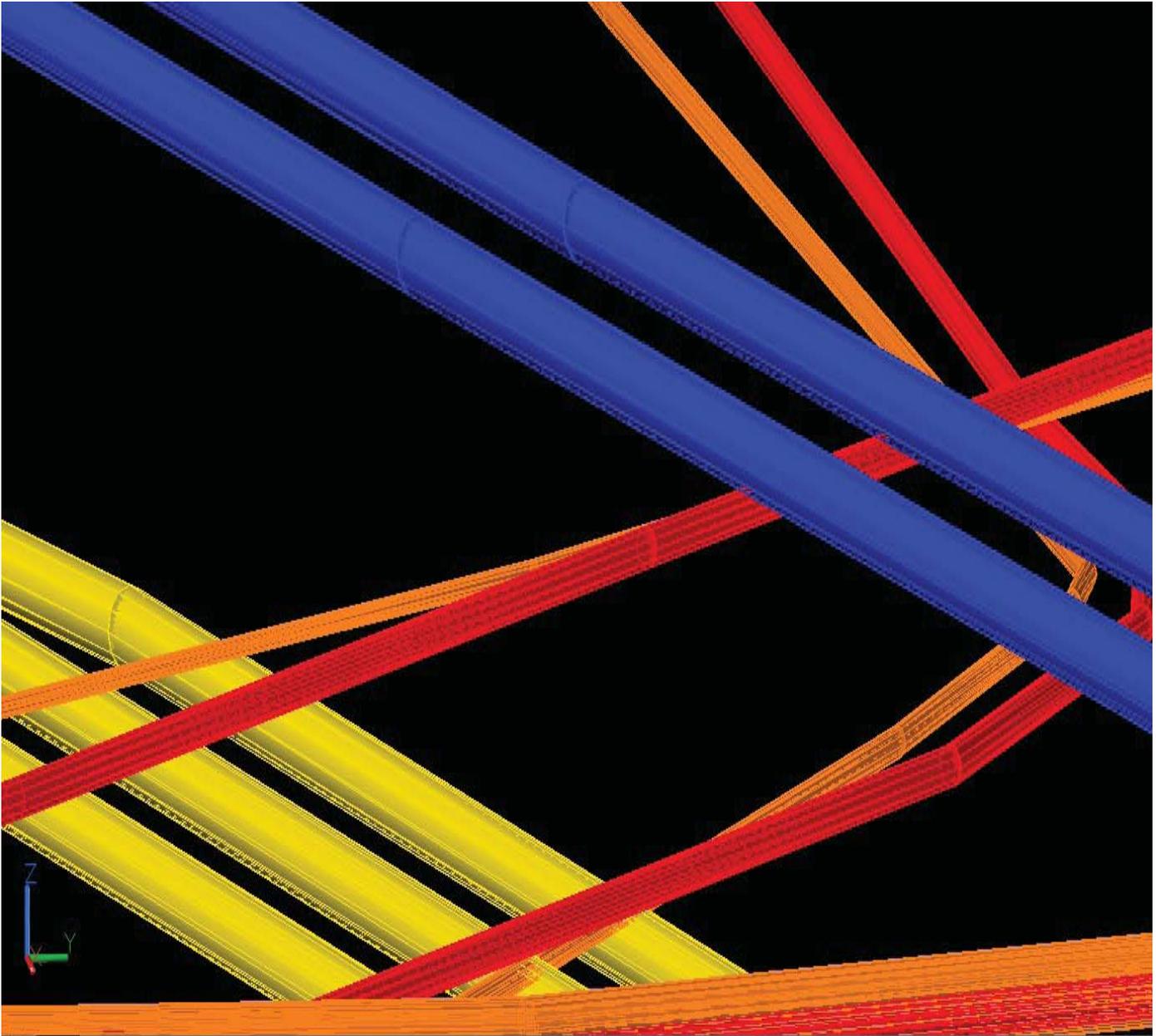
DELIVERABLES





Example 3D Deliverable Civil 3D screen capture. Shows utility lines with relative sizes and position to each other.





Example 3D Deliverable Civil 3D screen capture (Close up). Shows utility lines with relative sizes and position to each other.

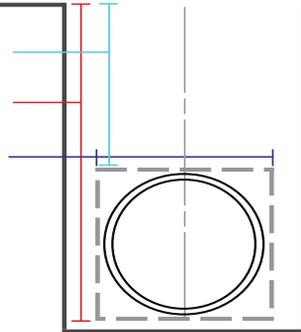


Technician Name Ramon Martinez		Date 01/02/2017	C Below Project No. 17-0001
Project Name Reclaimed Water Line Potholing		Project Address Corona, CA 92881	
Client Company C Below		Contact Tiffany Kurimay	
Pothole No. 1	Location North East of Old Temescal & Fullerton		

Surface Type:
 Thickness: (feet)

Profile View (not to scale)
 Measured Distance from Finished Surface

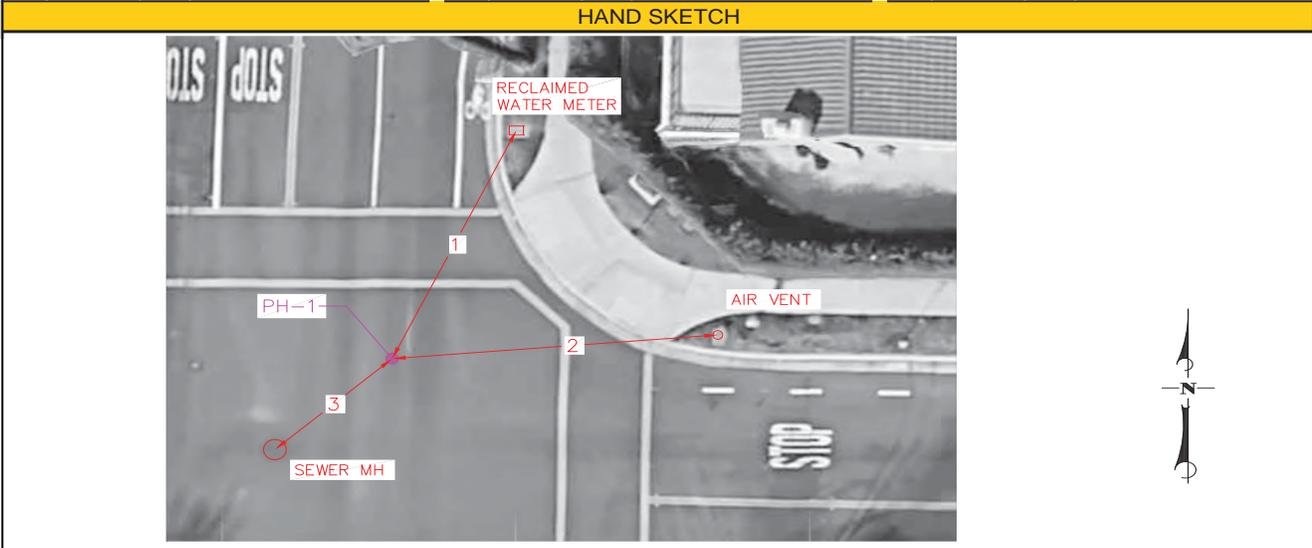
Top: (feet)
 Bottom: (feet)
 Size: (in)
 Utility:
 Material:
 Direction:



Notes:

- Per USA marks, High Pressure Gas also runs with 8" reclaimed water.

PHYSICAL SWING TIE INFORMATION											
No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture	No.	Distance (ft)	Dir.	From Permanent Existing Fixture
1	37.40	SW	Reclaimed Water Meter	2	42.90	SW	Air Vent	3	20.40	NE	Sewer MH



Example Pothole Report Data Sheet

DELIVERABLES



No.	Utility	Size (in)	Material	Top Depth (ft)	Direction	Location	Surface
1	Reclaimed Water	8	PVC	4.80	N/S	North East of Old Temescal & Fullerton	Asphalt



Photo 1



Photo 2



Photo 3



Photo 4

Comments:

Example Pothole Report Photo Page

DELIVERABLES



No.	Utility	Material	Total Video Length (ft)	Pipe Size (in) ¹	Line Condition
SD1	Storm Drain	RCP	51.81	8	Rock debris at 20.46ft. Mud & sludge at 26.40ft. Severe pipe offset, unabling camera to move forward at 51.81ft.



Storm Drain 1 in front of classroom 7.
Pushing camera east



At commencement of pipe



rock debris



Sludge sitting



Mud sitting



Severe pipe offset ahead, unable to push camera through

Example CCTV Report Data and Photo Page

DELIVERABLES





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There are no exception or clarifications to the RFP.

EXCEPTIONS





APPENDIX





Professional Profile
Chris Loera, Chief Executive Officer

Mr. Loera has over 20 years of experience in the construction industry. He plans, organizes, directs and controls the activities of the team on a daily basis. He is responsible for the performance of all Departments including Research and Development, Engineering, Mapping and Material Management. He maintains a hands-on approach by researching and attending industry workshops, while working closely with equipment manufactures to stay up to speed and offer input on new technologies. Mr. Loera also is Co-Chair of the Laborers Training Trust that is responsible for training Apprentice and Journeyman Locators.

YEARS OF EXPERIENCE
20

REGISTRATION/
CERTIFICATION
Ground Penetrating Radar
Technician Level III
Utility Locating Technician
Level III

TECHNICAL EXPERTISE
Auto CAD
Auto CAD Civil 3D
SCENE Point Cloud

REFERENCES
Matt Rowe
PSOMAS
(213) 433-1480
mrowe@psomas.com

Jeff Bara
CW Driver
(626) 351-8800
jbara@cwdriver.com

Relevant Experience

CSULA- Los Angeles, CA
Role: Chief Executive Officer
Services included locating, mapping, and potholing. Mr Loera supervised all operations to ensure high quality control and accuracy.

CSUSB- San Bernardino, CA
Role: Chief Executive Officer
Directly supervised to ensure all services were conducted and completed as efficiently and accurately as possible.

Building M Utility Locating and Mapping- Long Beach City College-
Long Beach, CA
Role: Chief Executive Officer
Supervised all team efforts including quality control and review of final CAD deliverable of utility findings.

Chaffey College Central Water Plant- Ontario, CA
Role: Chief Executive Officer
Supervised technicians to ensure the project was conducted and completed as efficiently and accurately as possible.

NPI Seismic Locating and Handheld GPR Investigation UCLA-
Los Angeles, CA
Role: Chief Executive Officer
Services included locating, mapping, and hand held GPR. Mr Loera supervised all operations to ensure high quality control and accuracy.

RESUME





Professional Profile
Hector Vargas, Project Manger

Mr. Vargas has over 10 years of experience in the construction industry; 5 of which he has dedicated to the utility locating industry. He has worked as a Sales Representative, Locating Lead Supervisor and Project Manager. These different roles have given him a well-rounded knowledge of the industry from project inception to project completion. He assists our Mappers and Field Managers with daily requests and project needs. He oversees the coordination of all office and field efforts within the project scope to ensure the highest standards for utility location accuracy.

Relevant Experience

YEARS OF EXPERIENCE
10

REGISTRATION/
CERTIFICATIONS
Ground Penetrating
Radar Technician Level III
Utility Locating Technician
Level III

REFERENCES
Travis Taylor
P2S Engineering
(562)497-2999
travis.taylor@p2seng.com

Rich Sadowski
CW Driver
(323) 864-3930
rsadowski@cwdriver.com

CSUSB Cel Project, Utility Locating and Potholing Investigation-
San Bernardino, CA

Role: Project Manager

C Below located all utilities on an area within the campus where the client was going to perform site improvements. After completing the locating, C Below also performed potholing services. As the assigned Project Manager, Mr. Vargas managed all coordination and communication with the client and technicians on site.

CSULB MSX Infrastructure Utility Investigation and Mapping- Long
Beach, CA

Role: Project Manager

Coordinated with the client and assigned field technicians. Managed the project budget. Performed site visits as needed. Reviewed utility findings with technicians and client.

CSUDH CBAPP Utility Locating, Mapping, and Potholing
Investigation- Dominguez Hills, CA

Role: Project Manager

Performed job site walk through, managed technicians and budget. Coordinated with the client and technicians assigned to the project to assure accurate timely completion.

CSUSB Utility Extension North- Locating and Potholing- San
Bernardino, CA

Role: Project Manager

Coordinated all office and field efforts. Managed the project budget. Reviewed technicians' findings.





Professional Profile

Jose Paredes, Lead Drafter/Project Manger

Mr. Paredes has over 10 years of experience as a drafter and 4 years in the utility locating industry. His attention to detail enables him to accurately and efficiently take the data collected from the field and create detailed CAD representations. He manages our team of drafters and performs final Quality Control checks on all mapping and reports. Mr. Paredes is also a Project Manger, which gives him great insight on project flow.

Relevant Experience

YEARS OF EXPERIENCE
10

EDUCATION
ITT Technical Institute
Associate's Degree in
Drafting

TECHNICAL EXPERTISE
Auto CAD 2011-2018
Auto CAD Civil 3D
Solid Works 3D
InRoads Suite

REFERENCES
Massi Ghaziyar
Delta Pipeline, Inc.
(562)473-8729
massi@deltapipeline.net

Sam Huleis
CW Driver
(626) 351-8800
shuleis@cwdriver.com

Cal Tech Potholing- Pasadena, CA
Role: Project Manager/Lead Drafter
Responsible for coordinating with client and technicians. Review utility findings with the technicians. Manage the project budget.

POLA Berth 236 Storm Drain CCTV, Survey, and Potholing Investigation
Port of Los Angeles- San Pedro, CA
Role: Lead Drafter
Upon completion of the utility locating, Mr. Paredes gathered all the data collected and created a 3D map of all the utilities.

LAUSD Jefferson High School Locating and CCTV Investigation
Los Angeles, CA
Role: Project Manager and Lead Drafter
Aside from managing the project and coordinating all the efforts from dispatch to project completion, Mr. Paredes reviewed all the findings and created a report for the CCTV investigation.

Anaheim School Sites Utility Mark Investigation and Mapping-
Anaheim, CA
Role: Project Manager
Mr. Paredes coordinated with the client to schedule all 11 schools and communicated with the technicians the services to be performed at each school. He also managed the project budget and reviewed findings with the technicians.





Professional Profile
Rendy Louhenapessy, Field Operations Manger

As the Field Operations Manager, Mr. Louhenapessy is responsible for supervising and training all locating technicians. He performs daily locating operations including troubleshooting of difficult locating sites and scans. He is able to locate and identify all the existing utilities and keeps open communication with the client to ensure safe and accurate field locating. Mr. Louhenapessy is also the Head Instructor for the Laborers Training Program that is responsible for training Apprentice and Journeyman Locators.

YEARS OF EXPERIENCE
12

REGISTRATION/
CERTIFICATION
Ground penetrating Radar
Technician Level III
Utility Locating Technician
Level III

TECHNICAL EXPERTISE
Utility Locating
Structure Scanning-
Reinforcing Steel, Conduit,
Voids, and Thickness
determination
3 Dimensional Modeling

REFERENCES
Ben King
Balfour Beatty
(949)502-4000
bking@balfourbeattyus.com

Brent Palmer
Balfour Beatty
(310) 972-6594
bpalmer@balfourbeattyus.
com

Relevant Experience

CSUSB Infrastructure Utility Mark Out- San Bernardino, CA
Managed all field operations to ensure highest level of accuracy. Some equipment utilized included GPR, Electromagnetic Locators, Locatable Ram Rods and Robotic Cameras.

CSULA Tennis Center Utility Locating and Mapping-
Los Angeles, CA
Supervised the locating performed on site. Ensured that all utilities were marked on accurately.

West High School Utility Investigation, CCTV, and Mapping-
Torrance, CA
Performed a site walk to asses services needed and to better estimate time of completion. Supervised all field efforts to ensure the timeline was being followed. Performed troubleshooting as needed.

Richardson Middle School Utility Investigation, CCTV, and Mapping-
Torrance, CA
Supervised all field efforts and assisted with any troubleshooting. Worked closely with the operations team and Project Manager to communicate any issues that may affect rate of progress.





Professional Profile

David Mintzer, Business Development Manager

As a Business Development Manager David handles new business pursuits, maintains C Below’s client base, and coordinates between departments (sales, operations, and dispatch). He is involved in determining scope of work (including quality levels), job walks, providing quotes for service, and facilitating the contract process.

Relevant Experience

YEARS OF EXPERIENCE
2

EDUCATION
B.A. University of California

REFERENCES
Zach Kell
P2S Engineering
(562) 497-2999
zach.kell@p2seng.com

Sam Huleis
C.W. Driver
(626) 351-8800
shuleis@cwdriver.com

Patrick Teter
Lane Engineers- Tulare, CA
(559) 688-5263
pat@laneengineers.com

Rochelle Lee
W.A. Rasic
(310) 864-1225
rlee@warasic.com

CSUSB Utility Extension North - Utility Locating and Potholing
San Bernardino, CA

Evaluated services needed, scope of work, provided quotes

CSUDH CBAPP Utility Locating, Mapping, and Potholing
Carson, CA

Evaluated services needed, scope of work, provided quotes

CSULA Tennis Center Utility Locating and Mapping
Los Angeles, CA

Evaluated services needed, scope of work, provided quotes

UCLA Charles E. Young Utility Locating Investigation
Los Angeles, CA

Evaluated services needed, scope of work, provided quotes

LBCC Liberal Arts Campus Utility Locating, Mapping, & Potholing
Long Beach, CA

Evaluated services needed, scope of work, provided quotes

Glendale Community College Locating & Mapping
Glendale, CA

Evaluated services needed, scope of work, provided quotes

Sequoia Field Utility Locating & Mapping Investigation
Visalia, CA

Evaluated services needed, scope of work, provided quotes





Professional Profile

Mehrab Jesmani PhD PE , Staff Engineer

As the Staff Engineer, Mr. Jesmani will work closely with Field Operations, Reporting and Drafting teams to ensure Quality Control. Mr. Jesmani will review maps for completeness and accuracy. In addition Mr. Jesmani will review Traffic Control plans as needed for permitting. Mr. Jesmani has an extensive background in the Engineering field. His integration with the team adds a level of technical and professional expertise that ensures Quality and Accuracy.

YEARS OF ENGINEERING EXPERIENCE

20 Years. 1 Year with C Below

EDUCATION

Ph.D. Geotechnical Engineering, Sharif University of Technology, and Rutgers University

M.S. Civil Engineering: Shiraz University, Shiraz, Iran

B.S. Civil Engineering, Tehran University, Tehran, Iran

REGISTRATION/ CERTIFICATION

Professional Civil Engineer, PE, C81452

TECHNICAL EXPERTISE

Quality Control of Engineering and Mapping

REFERENCES

David Menefee
Koury Engineering & Testing
(909) 606-6111 x102
davidm@kouryengineering.com

Relevant Experience

John Adams Elementary School- Torrance, CA

Observation of field investigation for Utilities including Storm Drain and Sewer Lines. Monitored technician progress and methods.

Glendale Community College- Glendale, CA

Oversight of field staff and reporting results. Quality Assurance to ensure that project activity was in accordance with the specifications, drawings and District requirements.





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Chino, CA 91710
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www.cbelow.com

STATE OF CALIFORNIA
Contractors State License Board

Pursuant to Chapter 9 of Division 3 of the Business and Professions Code
and the Rules and Regulations of the Contractors State License Board,
the Registrar of Contractors does hereby issue this license to:

C BELOW INC

License Number 959964

to engage in the business or act in the capacity of a contractor
in the following classification(s):

- C29 MASONRY
- D09 - DRILLING, BLASTING AND OIL FIELD WORK
- A - GENERAL ENGINEERING CONTRACTOR

Witness my hand and seal this day,
August 3, 2012

Issued April 15, 2011

James Miller
Board Chair

Stephen P. Sands
Registrar of Contractors

This license is the property of the Registrar of Contractors,
is not transferrable, and shall be returned to the Registrar
upon demand when suspended, revoked, or invalidated
for any reason. It becomes void if not renewed.

CONTRACTORS LICENSE





14280 Euclid Ave
Chino, CA 91710
1-888-90-BELOW
www.cbelow.com

6/22/2017

California Department of Industrial Relations - Contact DIR

Public Works Contractor (PWC) Renewal Search

Please enter at least one search criteria.

PWC Registration Number

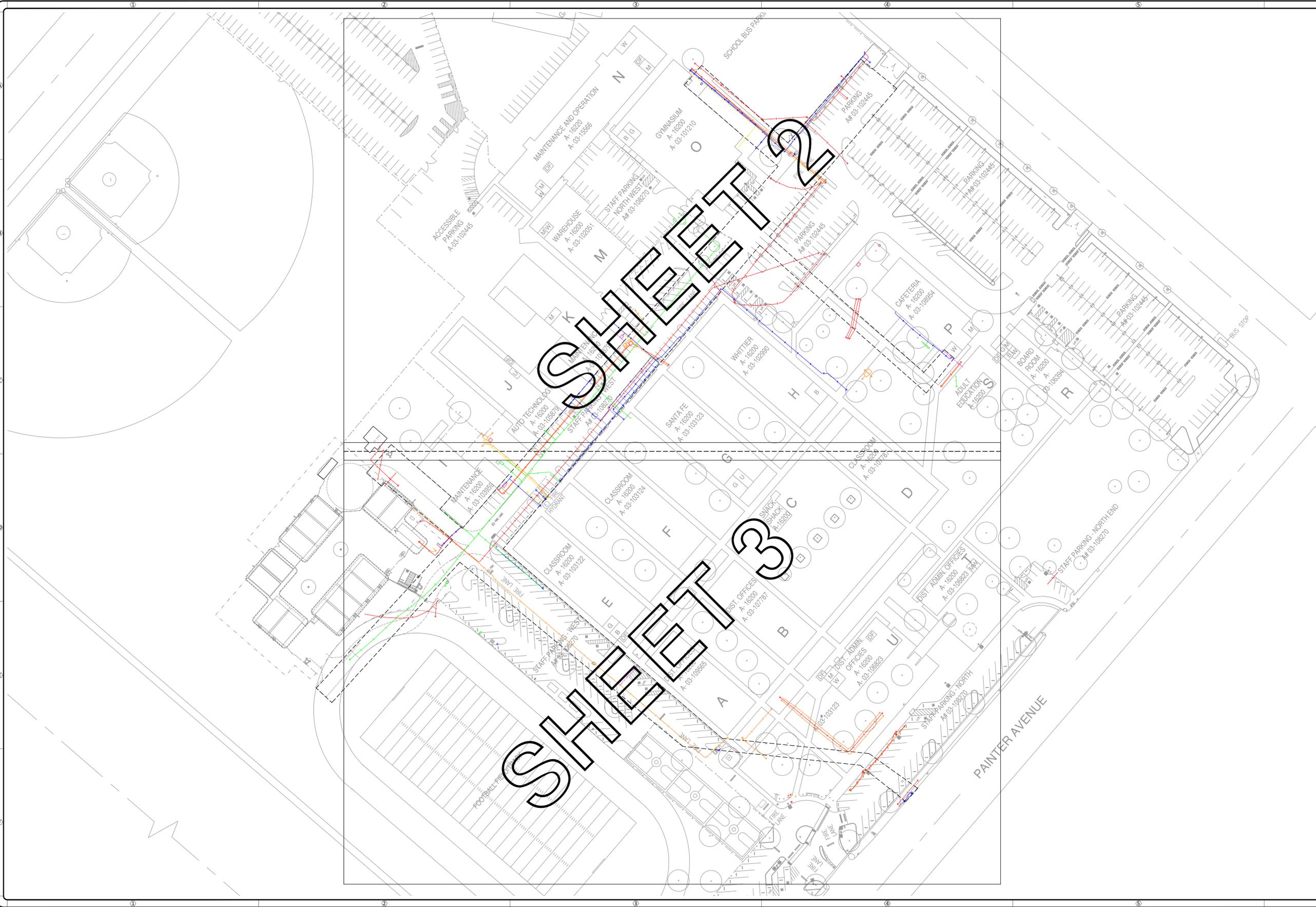
Contractor Legal Name

One registered contractor found.1

PWC Registration Number	Contractor Legal Name	PWC Registration Status	Renew for...
1000003150	C BELOW, INC.	Active	Registered for Fiscal Year 2018

DIR REGISTRATION





SHEET 2

SHEET 3

- UTILITY NOTES**
- ① FACILITIES (UTILITY LINES) SHALL BE LOCATED AND MARKED PRIOR TO EXCAVATION. CALL (800) 90-BELOW.
 - ② CONTRACTOR SHALL HAND-EXPOSE TO A POINT OF NO CONFLICT 24" ON EITHER SIDE OF THE UNDERGROUND FACILITY, REGARDLESS OF THE ESTIMATED DEPTH.
 - ③ DEPTHS SHOWN ARE APPROXIMATE. ESTIMATED DEPTHS ARE FROM THE GROUND SURFACE TO THE CENTER OF THE FACILITY, INVERT OF WASTE LINES, OR TO THE FACILITY TRACER WIRE. DEPTH ESTIMATES SHOULD BE USED WITH CAUTION AND MAY VARY ALONG THE LENGTH OF THE FACILITY.
 - ④ THE SCOPE OF THIS SURVEY DOES NOT INCLUDE FACILITY SIZE OR NUMBER OF CONDUIT IN MULTIPLE CONDUIT RUNS. IRRIGATION LINES ARE NOT INCLUDED IN THIS SURVEY.
 - ⑤ THE BACKGROUND SITE PLAN USED IN PREPARING THIS MAP WAS PREPARED BY OTHERS AND PROVIDED TO C BELOW BY THE CLIENT. C BELOW MAKES NO REPRESENTATION AS TO THE ACCURACY OF THE PLAN.
 - ⑥ IN THE EVENT THE INFORMATION SHOWN IN THIS PLAN VARIES FROM THE ACTUAL SITE CONDITIONS, C BELOW SHALL BE NOTIFIED WITHIN 24 HOURS AFTER DISCOVERY OF THE CONFLICT.

LEGEND

ELECTRICAL	— E —
GAS	— G —
COMMUNICATION	— C —
FIRE WATER	— FW —
WATER	— W —
SEWER	— S —
STORM DRAIN	— SD —
POSSIBLE LINE LOCATION	— U —
OFFSET FROM REFERENCE	10'-8"
DEPTH FROM SURFACE	1'-6"



C BELOW SUBSURFACE IMAGING
 14280 EUCLID AVE
 CHINO, CA 91710

C BELOW
 SUBSURFACE IMAGING

GROUND PENETRATING RADAR (GPR)
 UTILITY LOCATING
 RADIOGRAPHY
 POT-HOLING
 MAPPING

P: 888-902-3569
 F: 909-606-6555
 www.cbelow.com

NOTES: The services provided by C Below, Inc. do not relieve the Client and/or property owner of the responsibility of having to comply with California Government Code §4216-4216.9. It is expressly understood by the Client and/or owner that CBSI services are not a substitute for compliance with California Code §4216-4216.9.

PROJECT:
 PARTIAL UNDERGROUND UTILITY MAP FOR:
 SAMPLE DISTRICT FIRE LOOP
 8500 S. HELLMAN AVE.
 WHITTIER, CA 90605

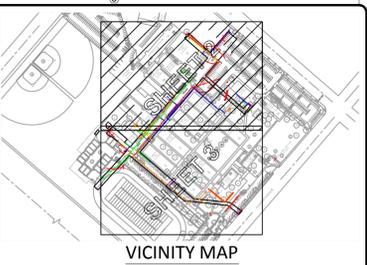
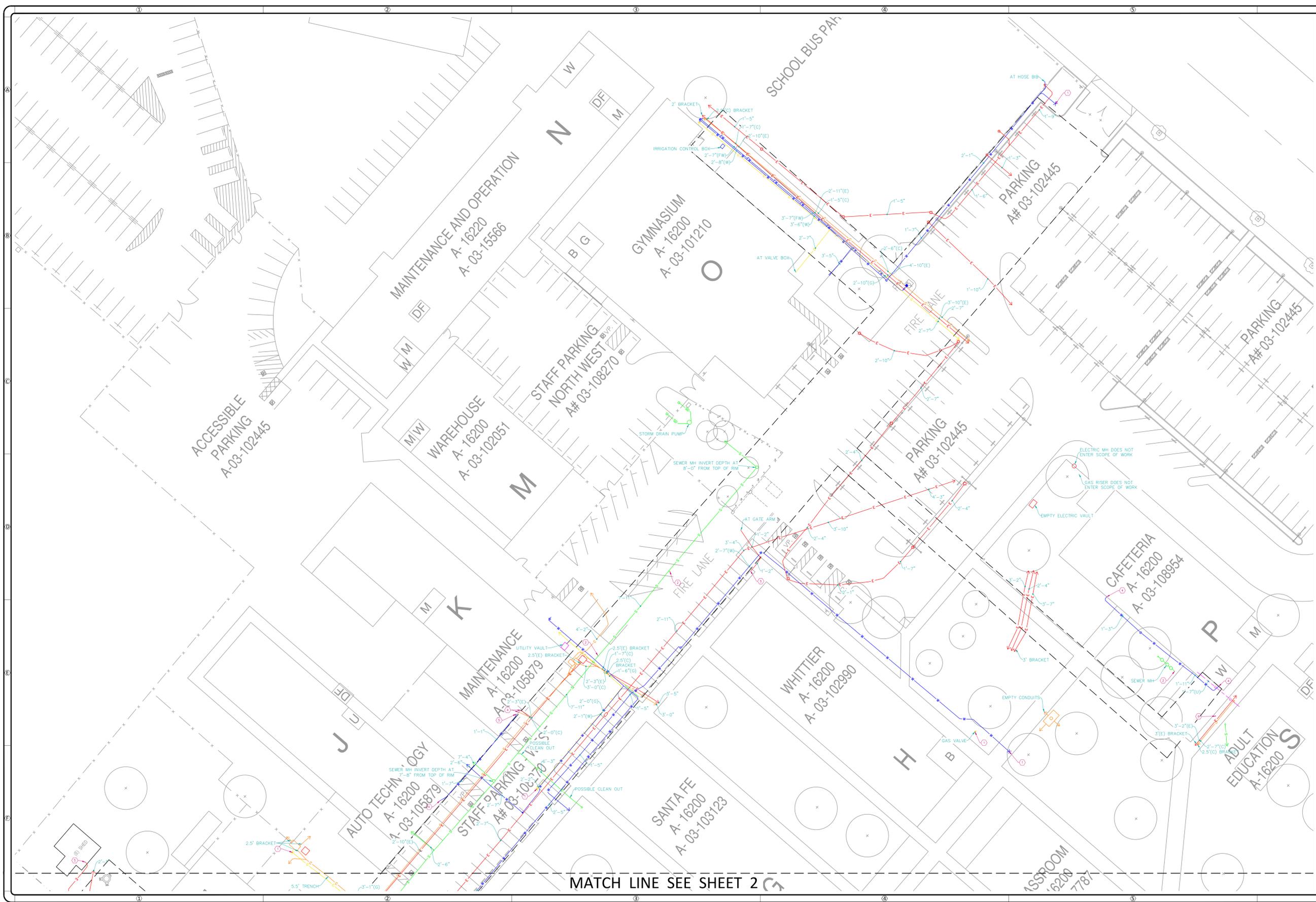
CLIENT:
 C BELOW LOCATING
 14280 EUCLID AVE.
 CHINO, CA 91710

REVISIONS

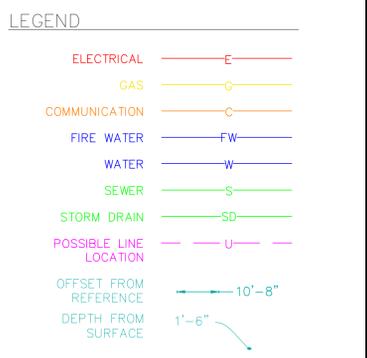
NO	DATE	BY	DESCRIPTION

DATE LOCATED: 06/2016
 DRAWN BY/DATE: JP 07/25/2016
 TECHNICIAN: J. NEWMAN
 CHECK BY/DATE: JP 07/25/2016
 QC CHECKED BY/DATE: JP 07/25/2016
 SCALE: N.T.S.
 PROJECT NO: 16-0535

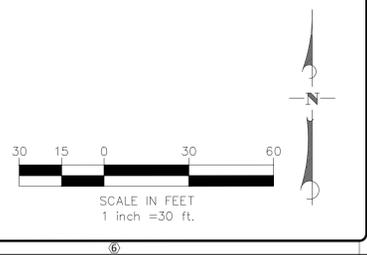
SHEET 1 OF 3



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- KEY NOTES**
- NON-CONDUCTIVE, UNABLE TO LOCATE PAST THIS POINT.
 - NO ACCESS, UNABLE TO LOCATE PAST THIS POINT.
 - CANNOT PUSH FURTHER PAST THIS POINT.
 - AT BUILDING
 - AT DROP
 - CANNOT OPEN, UNABLE TO LOCATE PAST THIS POINT.



MATCH LINE SEE SHEET 2

C BELOW SUBSURFACE IMAGING
14280 EUCLID AVE
CHINO, CA 91710

GROUND PENETRATING RADAR (GPR)
UTILITY LOCATING
RADIOGRAPHY
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PARTIAL UNDERGROUND UTILITY MAP FOR:
SAMPLE DISTRICT FIRE LOOP
8500 S. HELLMAN AVE.
WHITTIER, CA 90605

CLIENT:
C BELOW LOCATING
14280 EUCLID AVE.
CHINO, CA 91710

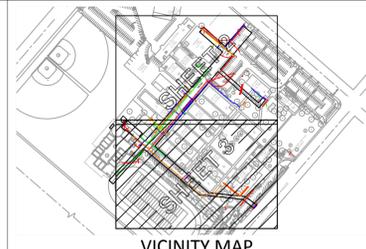
REVISIONS

NO	DATE	BY	DESCRIPTION

DATE LOCATED: 06/2016
DRAWN BY/DATE: JP 07/25/2016
TECHNICIAN: J. NEWMAN
CHECK BY/DATE: JP 07/25/2016
QC CHECKED BY/DATE: JP 07/25/2016
SCALE: 1" = 30'
PROJECT NO: 16-0535

SHEET 2 OF 3

MATCH LINE SEE SHEET 2



VICINITY MAP

UTILITY NOTES

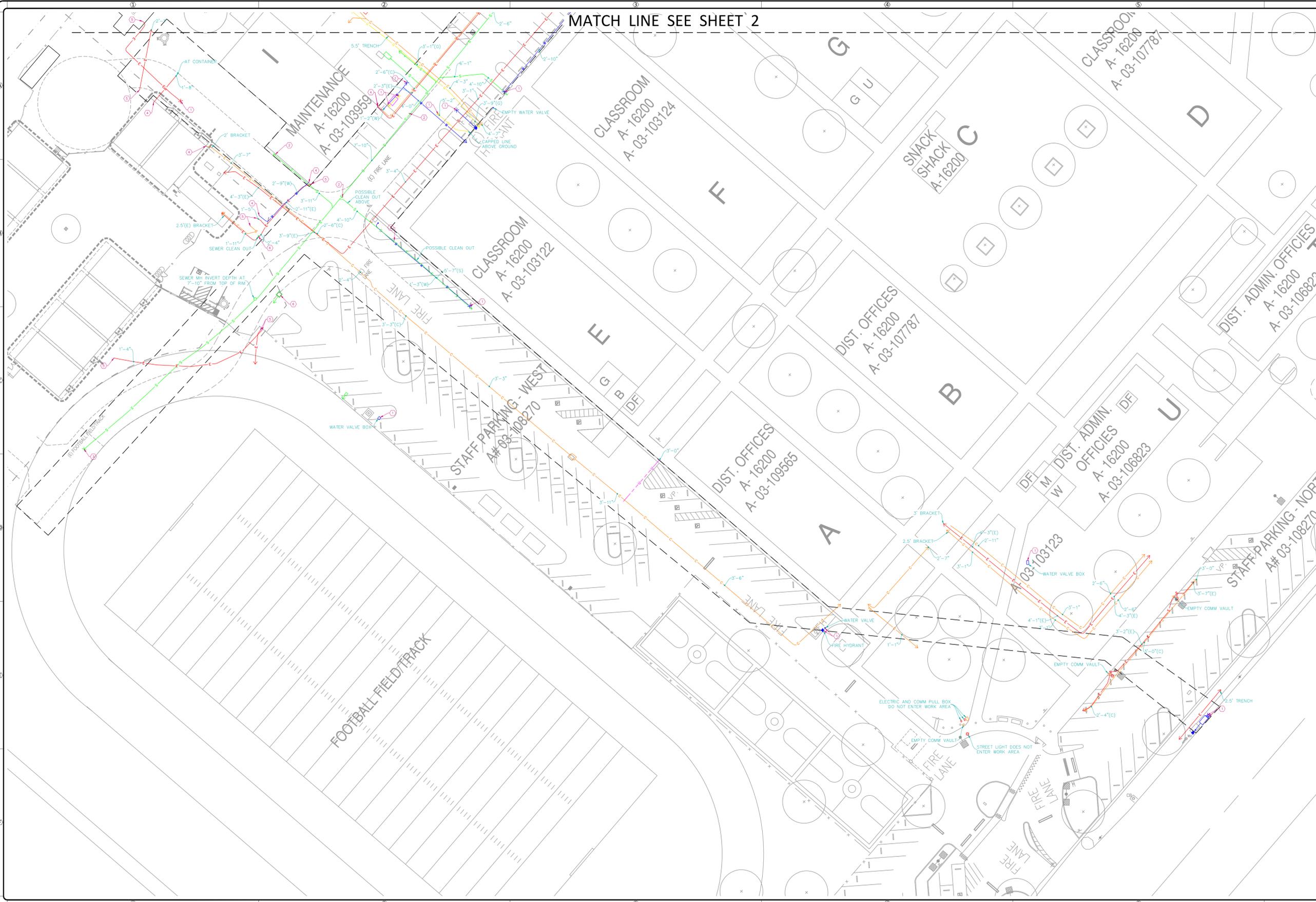
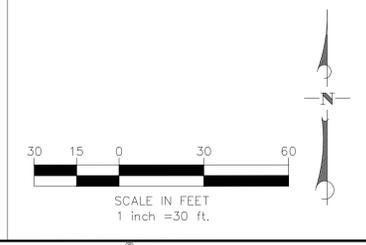
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- GAS — G —
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- FIRE WATER — FW —
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- POSSIBLE LINE LOCATION — U —
- OFFSET FROM REFERENCE — 10'-8" —
- DEPTH FROM SURFACE — 1'-6" —

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CLIENT:
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