GENERAL NOTES:

1. This plan was prepared in conformance with ASCE standard CI/ASCE 38-22 "American Society of Civil Engineers Standard Guideline for Investigating and Documenting Existing Utilities".
2. WE will only warrant the three dimensional location of utility lines based on quality level A information. QL "A" information is only valid within the visible limits of the test hole.
3. WE will advance a vacuum test hole until a condition of practical refusal for vacuum excavation is reached. Practical refusal is defined as any of the following conditions occurring: bedrock, water table or reaching a depth of 12'.
4. Below ground structures, unless dimensioned, are symbolic only.
5. Prior to excavation utility owners shall review and approve this drawing.
6. This drawing is prepared in color. Reproduction may alter the information contained herein. WE do not warrant the information contained herein in the event of reproduction.
7. Base mapping/survey control is shown for information only and is not warranted.
8. WE recommend that all existing utilities critical to proposed construction activities be located by vacuum excavation (quality level A) prior to any excavation (if not already located by vacuum excavation).
9. Utility Lines shown on the plans labeled as Quality Level B have been traced and surveyed using various geophysical instruments. Unless noted as Quality Level B it should be assumed that lines are shown as approximate only.
10. Utility Lines depicted on the plan as ASCE Quality Level D are from various plans and records from public or private stakeholders. WE requested that all available plans and records be provided from all of the known stakeholders.
11. WE obtained numerous One Call design tickets for this project and the locations of all markouts have been surveyed and documented.
12. Electrical lines shown on the plans were traced using hand held locators by indirect induction methods. The lines traced are depicted as ASCE 38-22 Quality Level B.
13. Telephone and communication lines shown on the plans were traced using direct and indirect connections through building basements, vaults, and hand holes. The lines traced are depicted as ASCE 38-22 Quality Level B.
14. Water lines were traced using direct and indirect induction methods. The lines traced are depicted as ASCE 38-22 Quality Level B.
15. Underground structural elements such as tie backs, sheeting, shoring, framing, piles or pile caps have not been plotted within this set. The respective public and private plans should be reviewed prior to demolition and construction in order to identify underground structural elements.
16. Utilities located within fenced in electrical sub-stations are not accessible by field personnel, therefore can not be field located.
17. Utility vault structures are shown using best available information collected at the time of the survey/investigation. However, data may be limited by accessibility and measurement accuracies. All below grade utility vaults structures shown hereon should be considered approximate and are depicted as ASCE 38-22 Quality Level C.
18. Any and all depth of utilities depicted at a QL-B standard of care hereon shall be considered approximate as of the date of the investigation and shall not be used as a basis of design, constructability analysis, or construction methodology without further investigation to expose the utility in question and obtain a hard measurement. It is the responsibility of the contractor to utilize soft digging best practices to expose all utilities having a potential for conflict within the area of excavation prior to any hard digging excavation. McCarthy shall not be held liable for any decisions of incidents that result from the reliance upon any of the QL-B provided depth information.
19. All easement lines depicted hereon are shown per provided record documents and approximately plotted per available GIS parcel information or survey by others. These lines are approximate and should be considered for reference only. The purpose of this depiction is to show the possibility of the existence of utilities that may or may not exist within said easements and should not be relied upon for any other purpose. A title report has not been procured as a part of this scope and therefore additional easements may exist beyond what has been depicted.

UTILITY COMPANY STAKEHOLDERS:

ELECTRIC
SOUTHERN CALIFORNIA EDISON(SCE)
2244 WALNUT GROVE AVE.
ROSEMEAD CA 91770
1-800-655-4555

GAS
SOUTHERN CALIFORNIA GAS COMPANY(SOCALGAS)
11912-B VALLEY BLVD
EL MONTE, CA 91732
1-877-238-0092

TELEPHONE
AT&T TELELPHONE CO.
CUSTOMER SERVICE LINE
800-288-2020

CABLE TV
SPECTRUM
1-833-949-0036

FIBER OPTIC
FRONTIER COMMUNICATIONS
855-552-9691

WATER & SANITARY SEWER
CITY OF ALTDADENA WATER DIVISION
BREA, CA 92821
714-990-7687

STORM & SEWER
CITY OF ALTADENA PUBLIC WORKS DEPARTMENT
545 BERRY STREET
BREA, CA 92821
PHONE: 714-990-7691

STREET DEPARTMENT
CITY OF ALTADENA PUBLIC WORKS DEPARTMENT ST DIVISION
545 NORTH BERRY STREET
BREA, CALIFORNIA 92821
PHONE: (714) 990-7691

We have contacted the listed utility stakeholders and have requested any and all available utility records. The provided records have be depicted hereon at the appropriate quality level.

811 Know what's below. Call before you dig.

CALIFORNIA LAW REQUIRES THAT A LOCATE REQUEST BE PLACED AT LEAST TWO (2) FULL WORKING DAYS BEFORE BEGINNING ANY EXCAVATION. CALL 811 OR PLACE A REQUEST ONLINE BY CLICKING AT WWW.DIGALERT.ORG.

PASADENA Unified School District

ALTADENA ELEMENTARY SCHOOL
743 E CALAVERAS ST. , ALTADENA, CA 91001
EXISTING SUBSURFACE UTILITY EXHIBIT

MAPPING NUMBER:
PG25SP.114

PROJECT DIRECTORY

PROJECT MANAGER CONTACT
McCARTHY MAPPING
Elijah Enos
PHONE: 480-851-3722
WEBSITE: http://www.mapping.mccarthy.com
Email: eenos@mccarthy.com

DRAWING INDEX

SHEET #	SHEET NAME
UM 1.00	COVER SHEET
UM 1.01	EXISTING COMPOSITE UTILITY PLAN - QL-B

LEGEND:

CURB/AREA INLET
GRATED INLET
GRATED MANHOLE
ROUND GRATED INLET
YARD DRAIN
SEWER CLEANOUT
ROOF DRAIN (PIPED)
ROOF DRAIN (SPLASH TO GRADE)
STORM SEWER MANHOLE
SUMP PIT
SANITARY SEWER MANHOLE
QL-A TESTHOLE LOCATION
WATER VALVE, WATER METER
WATER MAINTENANCE HOLE
FIRE HYDRANT, WATER SPIGOT
POST INDICATOR VALVE
SIAMESE FIRE DEPT. CONNECTION
MONITORING WELL
FIRE DEPT. CONNECTION – WALL MOUNTED
WATER BACKFLOW PREVENTER
RECLAIMED WATER BACKFLOW PREVENTER
IRRIGATION CONTROL VALVE
RECLAIMED WATER VALVE
RECLAIMED WATER MANHOLE
FUEL MANHOLE
STEAM MANHOLE
WASTE WATER / PROCESS PIPING MANHOLE
HYGRONIC MANHOLE
TUNNEL ACCESS LID / MANHOLE
COMMUNICATION MANHOLE
COMMUNICATION VAULT
COMMUNICATION PEDESTAL
COMMUNICATION HANDHOLE
COMMUNICATION WALL BOX/JUNCTION BOX
EMERGENCY CALL BOX
GAS VALVE, GAS METER, GAS DRIP
TRACER WIRE BOX
ELECTRIC MANHOLE
ELECTRIC TRANSFORMER BOX
ELECTRIC SWITCHGEAR
UTILITY POLE
ELECTRIC PEDESTAL
ELECTRIC METER
ELECTRIC HANDHOLE
ELECTRIC PULLBOX
ELECTRIC GROUND ROD BOX
ELECTRIC WALL BOX/JUNCTION BOX
ELECTRIC VEHICLE CHARGING STATION
ELECTRIC OUTLET
STREET LIGHT
STADIUM LIGHTS
LIGHT STANDARD, LIGHT STANDARD w/CAMERA
YARD LIGHT
LIGHTED BOLLARD
TRANSMISSION POWER POLE
TRAFFIC SIGNAL, TRAFFIC SIGNAL w/MAST ARM
TRAFFIC SIGNAL BOX
TRAFFIC CROSSWALK PUSH BUTTON

PROJECT LIMITS
STORM SEWER LINE (UNDER 12")
STORM SEWER LINE (OVER 12")
SANITARY FORCEMAIN
SANITARY SEWER LINE (UNDER 12")
SANITARY SEWER LINE (OVER 12")
PROCESS PIPING LINE (UNDER 12")
PROCESS PIPING LINE (OVER 12")
WATER LINE (UNDER 12")
FIRE WATER LINE (UNDER 12")
WATER LINE (OVER 12")
CHILLED WATER LINE (UNDER 12")
CHILLED WATER LINE (OVER 12")
HEATING HOT WATER LINE (UNDER 12")
HEATING HOT WATER LINE (OVER 12")
RECLAIMED WATER LINE (UNDER 12")
RECLAIMED WATER LINE (OVER 12")
TELEPHONE LINE
TELEPHONE DUCT
COAX TV LINE
COMMUNICATION LINE
COMMUNICATION DUCT
FIBER OPTIC LINE
OVERHEAD COMM. LINE
FIBER OPTIC DUCT
GAS LINE (UNDER 12")
GAS LINE (OVER 12")
STEAM LINE (UNDER 12")
STEAM LINE (OVER 12")
CONDENSATE RETURN
VENT PIPE LINE
SITE LIGHTING ELECTRIC LINE
ELECTRIC LINE
ELECTRIC DUCTBANK
OVERHEAD ELECTRIC LINE
*END OF INFORMATION (PIPE OR DUCTBANK)
*END OF INFORMATION (UTILITY LINE OR LATERAL)
CAPPED UTILITY
UTILITY CONTINUES ABOVE GROUND AT THIS POINT
OXYGEN LINE
NITROUS OXIDE LINE
MEDICAL AIR LINE
COMPRESSED AIR LINE
NITROGEN LINE
CARBON DIOXIDE LINE
MEDICAL BRINE / SALINE
COMPRESSED AIR LINE
PROCESS PIPING/WASTE WATER
ACID WASTE
WASTE SLUDGE
DEWATERED SLUDGE
CHLORINE SOLUTION
PLANT AIR
RAW SEWAGE INFLUENT
RETURN ACTIVATED SLEWAGE
MIXED LIQUOR
EFFLUENT
FILTERED EFFLUENT
CENTRATE
FUEL / DIESEL LINE
OIL PIPELINE
HYDRAULIC LINE
INDUSTRIAL WASTE LINE
TRAFFIC SIGNAL LINE
SEWER LATERAL
SEWER LATERAL (CAPPED)
QUALITY LEVEL D
UTILITY CROSSING (NO CONNECTION)
EXISTING EASEMENT LINE
LIMITS OF TESTHOLE EXCAV.
TUNNEL

RCP	–	REINFORCED CONCRETE PIPE	CMP	–	CORRUGATED METAL PIPE	CP/TE	–	OUTLET PIPE/FLARED END
ACP	–	ASBESTOS CONCRETE PIPE	FRP	–	FIBERGLASS REINFORCED PIPE	TCB	–	COMMUNICATION PULL BOX
VCP	–	VITRIFIED CLAY PIPE	STMH	–	STORM MANHOLE	TCP	–	COMMUNICATION PEDESTAL
PVC	–	POLYVINYL CHLORIDE PIPE	CB	–	CATCH BASIN	EMH	–	ELECTRIC MANHOLE
CIP	–	CAST IRON PIPE	CO	–	CLEANOUT	EHH	–	ELECTRIC HAND HOLE
HDPE	–	HIGH DENSITY POLYETHYLENE PIPE	TS	–	TRAFFIC SIGNAL	EPB	–	ELECTRIC PULL BOX
DIP	–	DUCTILE IRON PIPE	SAMH	–	SANITARY MANHOLE	EPD	–	ELECTRIC PEDESTAL
CPP	–	CORRUGATED PLASTIC PIPE	CMH	–	COMMUNICATION MANHOLE	TRF	–	TRANSFORMER
PE	–	POLYETHYLENE PIPE	OCS	–	OIL/GREASE SEPARATOR	SGR	–	SWITCHGEAR

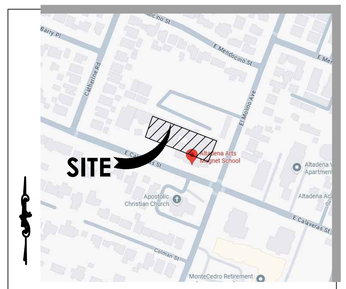
* NOTE: END OF INFORMATION INDICATES THAT EITHER THE LINE COULD NOT BE LOCATED BEYOND THIS POINT USING ANY GEOPHYSICAL UTILITY PROSPECTING TOOL OR THAT THE QL-D INFORMATION ENDED AT THIS POINT AND THE CONTINUATION OF THE UTILITY COULD NOT BE DETERMINED. IT SHOULD NOT BE ASSUMED THAT THE UTILITY IS CAPPED AT THIS POINT

TYPICAL UTILITY CALLOUT:

QUALITY LEVEL
8"PVC WATERMAIN (QL-B)
UTILITY TYPE
UTILITY MATERIAL TYPE
UTILITY SIZE

TYPICAL SHEET CALLOUT:

UM 1.00
SHEET ORDER
SHEET TYPE
DISCIPLINE



LOCATOR MAP
NOT TO SCALE

745
E CALAVERA ST.

ALTADENA, CA
LOS ANGELES CO.

PREPARED FOR:
PASADENA Unified School District
PASADENA UNIFIED SCHOOL DISTRICT
351 S. Hudson Ave.
Pasadena, CA 91109

PREPARED BY:
McCARTHY
McCARTHY MAPPING
20401 SW Birch St.
Newport Beach, California 92660
p: 949-851-8383
http://www.mccarthy.com

SIGNATURE
DATE

THE SEAL AND SIGNATURE APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED. THE SIGNER OF THIS DOCUMENT EXPRESSLY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR DOCUMENTS THAT DO NOT BEAR HIS SEAL AND SIGNATURE INCLUDING, BUT NOT NECESSARILY LIMITED TO, DRAWINGS, SPECIFICATIONS, ESTIMATES, REPORTS AND OTHER SIMILAR INSTRUMENTS OF SERVICES INTENDED TO BE USED FOR THIS PROJECT.

DRAWING ISSUE

NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE

DRAWN BY	JMF
CHECKED BY	CLM
MAPPING NO.	PG25SP.114
PROJECT NO.	-
MSD BASE MAP	-
PARCEL NO.	-
ZIP CODE	91001

SHEET TITLE
COVER SHEET

SHEET
UM 1.00

© McCarthy Building Companies, Inc. 2025

NOTE: ANY AND ALL DEPTH OF UTILITY'S DEPICTED AT A QL-B STANDARD OF CARE HEREON SHALL BE CONSIDERED APPROXIMATE AS OF THE DATE OF THE INVESTIGATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO UTILIZE SOFT DIGGING BEST PRACTICES TO EXPOSE ALL UTILITIES HAVING A POTENTIAL FOR CONFLICT WITHIN THE AREA OF EXCAVATION PRIOR TO ANY HARD DIGGING EXCAVATION.

EXISTING COMPOSITE UTILITY PLAN - QL-B

743
E. CALAVERAS ST.

ALTADENA, CA
LOS ANGELES CO.

PREPARED FOR:

PASADENA Unified School District

PASADENA UNIFIED SCHOOL DISTRICT
351 S. Hudson Ave.
Pasadena, CA 91109

PREPARED BY:

McCARTHY

McCARTHY MAPPING
20401 SW Birch St.
Newport Beach, California 92660
p: 949-851-8383
http://www.mccarthy.com

SIGNATURE

DATE

THE SEAL AND SIGNATURE APPLY ONLY TO THE DOCUMENT TO WHICH THEY ARE AFFIXED. THE SIGNER OF THIS DOCUMENT EXPRESSLY DISCLAIMS ANY AND ALL RESPONSIBILITY FOR DOCUMENTS THAT DO NOT BEAR HIS SEAL AND SIGNATURE INCLUDING, BUT NOT NECESSARILY LIMITED TO, ANY DRAWINGS, SPECIFICATIONS, ESTIMATES, REPORTS AND OTHER SIMILAR INSTRUMENTS OF SERVICES INTENDED TO BE USED FOR THIS PROJECT.

DRAWING ISSUE

NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE

DRAWN BY	JMF
CHECKED BY	CLM
MAPPING NO.	PG25SP.114
PROJECT NO.	-
MSD BASE MAP	-
PARCEL NO.	-
ZIP CODE	91001

SHEET TITLE

EXISTING COMPOSITE UTILITY PLAN - QL-B

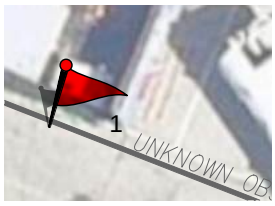
SHEET

UM 1.01

© McCarthy Building Companies, Inc. 2025

CONFLICT ANALYSIS REPORT - Altadena

ELECTRIC DISCREPANCY (1)



Subject: ELECTRIC DISCREPANCY
Creation Date: 8/1/2025 6:44:18 AM
Sequence: 1

Unknown utility possibly Electric

STORM DISCREPANCY (1)

Subject: STORM DISCREPANCY
Creation Date: 8/1/2025 6:38:53 AM
Sequence: 1

Unable to push camera past this point.
Pipe possibly collapsed.