



# LAKE HAVASU CITY, ARIZONA

## ADDENDUM NO. 1

### Wash Crossing Improvements

### EL Dorado Avenue N.

Project No: B24-PW-105007-500392

**Dated: July 28, 2023**

This addendum forms a part of the contract described above. The original documents in full force and effect are modified by the following changes. Addendum No. 1 will take precedence over any conflicting provision in the prior documents.

Each bidder shall acknowledge receipt of this addendum and by affixing its signature on the acknowledgement form attached, by noting this addendum on the Bid Form and by attaching this Addendum and/or acknowledgement to its bid.

The following changes are to be made and become part of the Bid/Contract Documents. The changes are as follows:

- 1) Pre-bid questions and responses prepared by the city are enclosed.

By:

Mike Wolfe, P.E.

Date: 8/28/2023





## **Pre-Bid Questions and Responses:**

### **Question#1: Will there be a complete closure of El Dorado Avenue?**

Lake Havasu City Public Works Department will allow a full closure of the road with an acceptable detour and traffic control plan. Traffic Control Plan will need to be submitted and approved by city engineering staff.

### **Question #2: What are the work hours for this project?**

Please refer to the project specification section 17.3 on sheet 70.

### **Question #3: Does the Shotcrete go up the walls or stay in the channel?**

Shotcrete limits are shown on the plans to be projected up the slope of the channel to the limit of the wing walls. A concrete hatch can be seen to distinguish the limits of concrete.

### **Question #4: If Shotcrete is not available 6" thick, is it acceptable to form & pour concrete?**

Inlet cut off walls are shown on sheet 16 and are 6" thick concrete. It would be acceptable to pour and form concrete if the material conforms to the special provisions section SP033713.

### **Question #5: Can these Box Culverts be segmented precast?**

We have consulted with our design engineer and agree with the following considerations:

- 1) the changes required in fitment width and depth
- 2) the changes to structural and nonstructural details
- 3) the design delays to create an "or equal" of the structure

all contribute to NOT allow this product to be considered an acceptable alternative for this project application at this time.

### **Question #6: Is the rebar epoxy rebar?**

The rebar called out on the plans and specifications are not epoxy coated rebar.

### **Question #7: Is the safety railing per an ADOT specification?**

The safety railing is per mag standard 145.

### **Question #8: Is there any 'Buy America' clause?**

Buy American is not a requirement for this project.

### **Question #10: Will water be provided for construction use?**

A deposit for a water meter with various sizes are included in this addendum. The contractor will be billed monthly for the water use on site.

### **Addition Information: Relocation of the utility will be made to the South through the lower section of RipRap.**

Please find the attached Fat Beam relocation plans.

### **Addition: Non-Mandatory Pre-Bid Agenda and Sign In Sheet attached.**



EL Dorado Avenue N.  
Non-Mandatory Pre-Bid Meeting Agenda  
Monday, August 28, 2023 @ 10:00 am

- 1.) Round table introduction and Sign-In Sheet.
- 2.) Project Plans and Specifications are available on City website and [www.DemandStar.com](http://www.DemandStar.com).
- 3.) Deadline for questions is September 4, 2023 at 3:00 pm
- 4.) The scope of work includes, in general terms, the following:

The project is located at the crossing of El Dorado Wash and El Dorado Ave North. Improvements consist of six reinforced concrete box culverts, inlet/outlet channels, inlet/outlet cutoff walls, safety railing, four catch basins, drainage piping, roadway, gutter, sidewalk, and water line piping.

5.) Preparation and Submission of Bids:

- a. Found in section 00300.

6.) Contract Time:

- a. There are **270 Calendar days** allotted for the completion of the project.
- b. Bid Opening Date: September 13, 2023.
- c. Anticipated Award Date: October 2023
- d. Anticipated Contract Signing Date: October 2023
- e. Anticipated Issuing NTP: November 2023
- f. Anticipated Construction begin date: December 2023
- g. Anticipated Completion date: July 2023
- h.

7.) General questions?



PROJECT NAME: EL PARADO AVE North  
 PROJECT NO.: 105006  
 DATE: August 28, 2023

PLEASE PRINT

NAME	COMPANY	EMAIL ADDRESS	PHONE
<u>For Crites</u>	<u>Technology Const</u>	<u>Estimate@3Plive.com</u>	<u>928 777-0099</u>
<u>TONY JORGENSEN</u>	<u>PIONEER FARMERS</u>	<u>tony@pioneerfarmers.com</u>	<u>928-727-2250</u>
<u>APRIL LAWSON</u>	<u>COMPS CONSTRUCTION CO, INC.</u>	<u>APRILE.COMBS@AZ.COM</u>	<u>602-237-4029</u>
<u>Dennis Hext</u>	<u>Protect Construction Inc</u>	<u>Dennis.Hext@Protect.com</u>	<u>928-243-7058</u>
<u>John Gilton</u>	<u>Pioneer Backhoe</u>	<u>John.Gilton@Pioneer.com</u>	<u>928-234-4440</u>
<u>NAGARAJ (RAJ)</u>	<u>Meridian Contracting</u>	<u>f.nagaraj@meridiancon.net</u>	<u>480-679-7399</u>
<u>Susie Fox</u>	<u>LHC</u>	<u>foxs@lhc2.gov</u>	<u>928-855-3377 X4951</u>
<u>Wendy Thomas</u>	<u>LHC</u>	<u>THOMAS W@LHC2.gov</u>	<u>(928) 732-4646</u>
<u>Shawn Clarke</u>	<u>LHC</u>	<u>Clarke S@LHC2.gov</u>	<u>(928) 732-2252</u>
_____	_____	_____	_____
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_____	_____	_____	_____



**LAKE HAVASU CITY**  
 900 London Bridge Rd., Lake Havasu City, AZ 86404  
 Phone: (928) 855-2618 ext. 4937  
 Contact: Greg Maples, Backflow Specialist  
 Email Address: backflow@lhcaz.gov

**APPLICATION FOR HYDRANT METER**

Deposit Fees	
5/8" & 1" Meters	\$250.00
3" - 4" inch Meters	\$800.00
3" w/RPZ	\$1700.00

Applicant's Name: \_\_\_\_\_

Company Name: \_\_\_\_\_ LHC Business Lic. # \_\_\_\_\_

Driver's Lic. # \_\_\_\_\_ Business Phone # \_\_\_\_\_ Fax Number # \_\_\_\_\_

Mailing Address: \_\_\_\_\_ City, State Zip \_\_\_\_\_

Local Contact: \_\_\_\_\_ Cell #: \_\_\_\_\_ Email address: \_\_\_\_\_

Private Use \_\_\_\_\_ Meter will be used to: \_\_\_\_\_ Hydrant Location: \_\_\_\_\_

City Project \_\_\_\_\_ Project Name \_\_\_\_\_ Project # \_\_\_\_\_

City Engineer assigned to project: \_\_\_\_\_

**CITY USE ONLY:**

Meter # \_\_\_\_\_ Size \_\_\_\_\_ Beginning Meter Read \_\_\_\_\_ Meter mfg \_\_\_\_\_

Inspected By: \_\_\_\_\_ Authorized By: \_\_\_\_\_  
 Backflow Specialist Date Water Division Manager Date

WATER BILLING ACCNT #: \_\_\_\_\_ FINANCE ACCOUNT CODE: \_\_\_\_\_

**Applicant is responsible for submitting the meter for reading to the Operations Department, Water Division, no later than the 10<sup>th</sup> day of each month.** Meters must be inspected and tested every three months. Repairs/Replacement to/of meters do to abuse maybe charged to the Applicant. Billings are mailed monthly and all charges are due and payable immediately (see supplemental sheet for fees). Failure to submit the meter for reading or remit payment will result in immediate cancellation of the Applicant's permit and demand for the return of the hydrant meter. Failure to return the hydrant meter within 15 calendar days will result in the deposit being forfeited in its entirety.

Application is contingent prior to the Water Division's approval of hydrant location and the application in which the meter will be used. Hydrant meter applications will not be approved without prior inspection and approval of the Backflow Specialist.

The above regulations are mandatory and any infractions will result in the hydrant meter being reclaimed and the deposit (less outstanding charges) refunded to the Applicant, contingent upon the meter being returned within 15 calendar days of the City's demand.

**I read and understand the City's regulations regarding hydrant meter services and charges.**

\_\_\_\_\_  
 Applicant Signature Date Meter picked up by Date

# FATBEAM Communications Corporation

LAKE HAVASU CITY  
3168 PIONEER DR  
LAKE HAVASU CITY, AZ 86404

## MATERIALS/WORKING REQUIREMENTS

DESCRIPTION	UNITS	EST. QUANTITY	ACTUAL QUANTITY
BORE (3) 1 1/4" HDPE SDR-11 CONDUIT	FT	244'	
90-DEG BEND	EA	1	
45-DEG BEND	EA	0	
BORE/TRENCH (1) 2" HDPE SDR-11 CONDUIT	FT	0	
48F SM FIBER CABLE (INCLUDING SLACK)	FT	545'	
#12 AWG LOCATE WIRE	FT	395'	
VACUUM POTHOLE	EA	3	
BORE PIT - 4'x4'	EA	0	
LA MANHOLE	EA	0	
FATBEAM 48"x48"x30" HAND HOLE	EA	0	
FATBEAM 24"x48"x24" HAND HOLE	EA	3	
TEST STATION (LCAT)	EA	0	
GROUND RODS 8'x5/8" COPPER CLAD	EA	0	
CUT, REMOVE, & REPLACE ASPHALT	SQ FT	8	
CUT, REMOVE, & REPLACE CONCRETE SIDEWALK	SQ FT	0	
CUT, REMOVE, & REPLACE LANDSCAPE	SQ FT	0	



EXPIRES 03/31/2024

### SITE INDEX:

- 1 - COVER SHEET
- 2 - SITE PLAN
- 3 - GENERAL NOTES
- 4 - TRENCH/PATCH DETAILS
- 5 - VAULT DETAILS
- 6 - TONE WIRE
- 7 - PROJECT SHEETS
- 8 - PHOTOS

Call at least two full working days before you begin excavation.

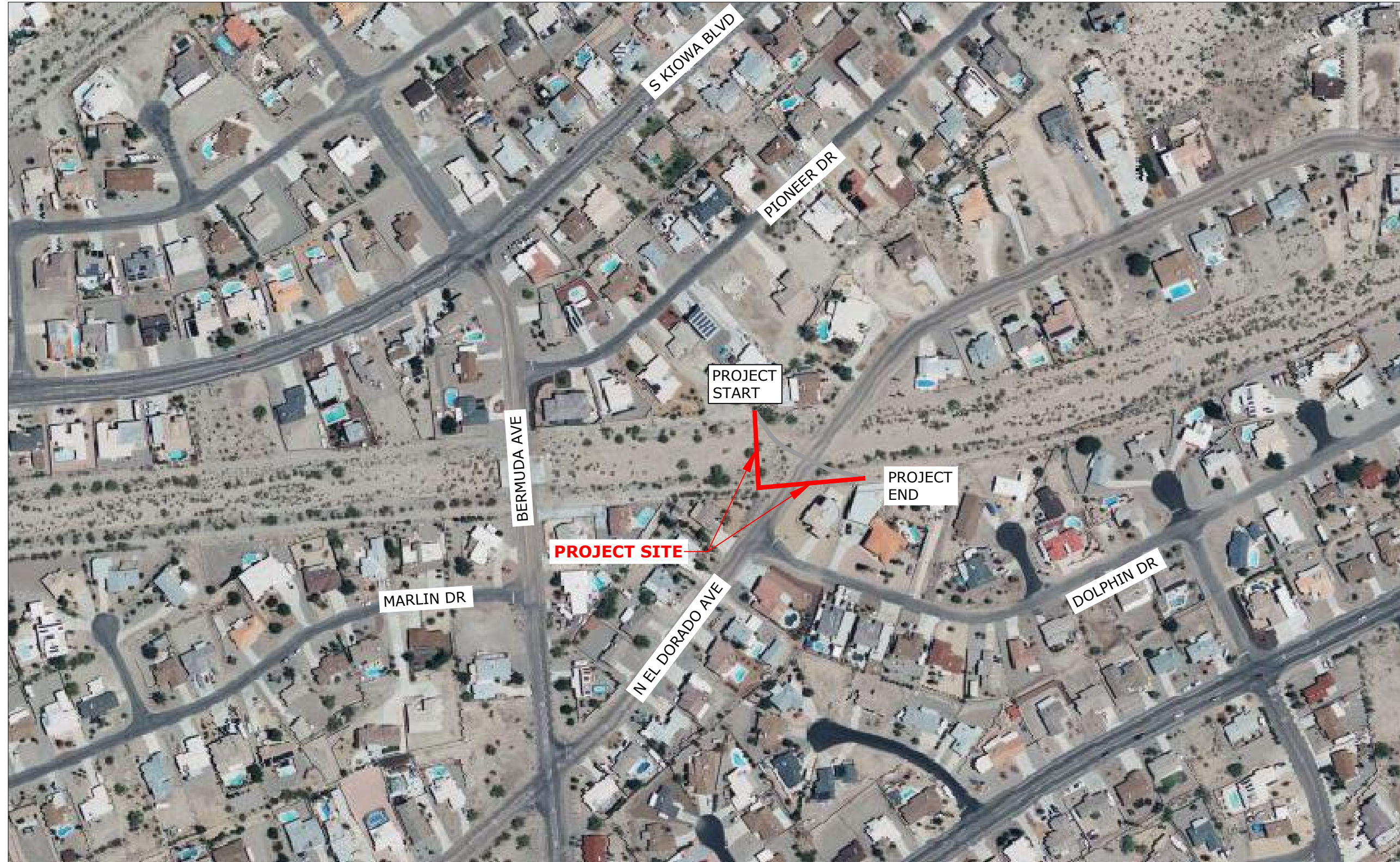


NOTES TO CONTRACTOR:  
CONTRACTOR TO POTHOLE AND LOCATE ALL UTILITIES PRIOR TO STARTING CONSTRUCTION.

FATBEAM CONFIDENTIAL AND PROPRIETARY INFORMATION

REV.	DATE	DESCRIPTION	NOTICE TO PLANHOLDER:	LEGEND	DRAWN BY:	OWNER:
A			<p>THE UTILITY LOCATIONS AND OTHER FACILITIES SHOWN ON THIS DRAWING ARE REPRESENTATIVE OF INFORMATION FURNISHED BY OTHER PARTIES. IT IS INTENDED FOR REFERENCE ONLY. CONTRACTOR IS REQUIRED TO CONTACT 811 PRIOR TO STARTING CONSTRUCTION AND IS BOUND BY THEIR LAWS AND ORDINANCES.</p> <p>CONSTRUCTION NOTES: INSTALL WARNING TAPE IN ALL TRENCHES (A MINIMUM OF 18" - BUT NOT TO EXCEED 30" BELOW EXISTING GRADE) AS PER MAG SPEC. 360.3</p> <p>CONFIDENTIAL: INFORMATION ON THIS DOCUMENT IS PROPRIETARY AND SHALL NOT BE USED, COPIED, REPRODUCED, OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT.</p>	<p><b>PROPOSED</b></p> <ul style="list-style-type: none"> <li>XX BORE FTG</li> <li>XX TRENCH FTG</li> <li>XX ASPHALT CUT FTG</li> <li>XX AERIAL FTG</li> <li>TRENCH</li> <li>BORE</li> <li>ASPHALT CUT</li> <li>V VAULT</li> <li>PB PULLBOX</li> <li>HH HANDHOLE</li> <li>MH MANHOLE</li> <li>POT HOLE</li> <li>P CATV PEDESTAL</li> <li>PS POWER SUPPLY</li> <li>C CATV CABINET</li> <li>VP VAULTED PED</li> <li>BORE PIT</li> </ul> <p><b>EXISTING</b></p> <ul style="list-style-type: none"> <li>FIRE HYDRANT</li> <li>WATER VALVE</li> <li>WATER METER</li> <li>BRASS CAP</li> <li>VAULT</li> <li>CATV PEDESTAL</li> <li>UTILITY PEDESTAL</li> <li>TRAFFIC SIGNAL</li> <li>TRANSFORMER</li> <li>STREET LIGHT</li> <li>POWER SUPPLY</li> <li>UTILITY CABINET</li> <li>STEEL POWER POLE</li> <li>WOOD TRANS. POLE</li> <li>STEEL TRANS. POLE</li> <li>WOOD POWER POLE</li> <li>JUNCTION BOX</li> <li>UTILITY MANHOLE</li> <li>TREE</li> <li>FENCE</li> <li>BLOCK WALL</li> <li>STORM INLET</li> </ul>	<p>CobbFendley 3820 Academy Parkway North NE Albuquerque, New Mexico 87109 Phone: 505.508.0786</p>	<p>fatbeam</p>
B						
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			<p>PROJECT NAME EL DORADO</p> <p>PROJECT ADDRESS 3168 PIONEER DR LAKE HAVASU CITY, AZ 86404</p> <p>PROJECT MANAGER ROBERT MATSON</p>	<p>TOWNSHIP AND RANGE 13N 19W SEC 06</p> <p>CITY/TOWN/COUNTY LAKE HAVASU CITY</p> <p>QUARTER SECTION NO. LOT 6</p> <p>DATE 8/3/2023</p> <p>DRAWING NO. 2316-035-02</p> <p>SHEET NO. 1 OF 8</p>		

# SITE LOCATION



Call at least two full working days before you begin excavation.



FATBEAM CONFIDENTIAL AND PROPRIETARY INFORMATION

REV.	DATE	DESCRIPTION
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PROPOSED		EXISTING	
BORE FTG	VAULT	CATV PEDESTAL	FIRE HYDRANT
TRENCH FTG	PULLBOX	POWER SUPPLY	WATER VALVE
ASPHALT CUT FTG	HANDHOLE	CATV CABINET	WATER METER
AERIAL FTG	MANHOLE	VAULTED PED	BRASS CAP
TRENCH	POTHOLE	BORE PIT	VAULT
BORE			CATV PEDESTAL
ASPHALT CUT			UTILITY CABINET

 3820 Academy Parkway North NE Albuquerque, New Mexico 87109 Phone: 505.508.0796		OWNER: 
PROJECT NAME EL DORADO		TOWNSHIP AND RANGE 13N 19W SEC 06
PROJECT ADDRESS 3168 PIONEER DR LAKE HAVASU CITY, AZ 86404		CITY/TOWN/COUNTY LAKE HAVASU CITY
PROJECT MANAGER ROBERT MATSON		QUARTER SECTION NO. LOT 6
DATE 8/3/2023	DRAWING NO. 2316-035-02	SHEET NO. 2 OF 8

# GENERAL NOTES/ DETAILS

**LAKE HAVASU CITY**  
**Permit to Perform Work in**  
**Rights of Way and Public Utility & Drainage Easements**

**GENERAL CONDITIONS**

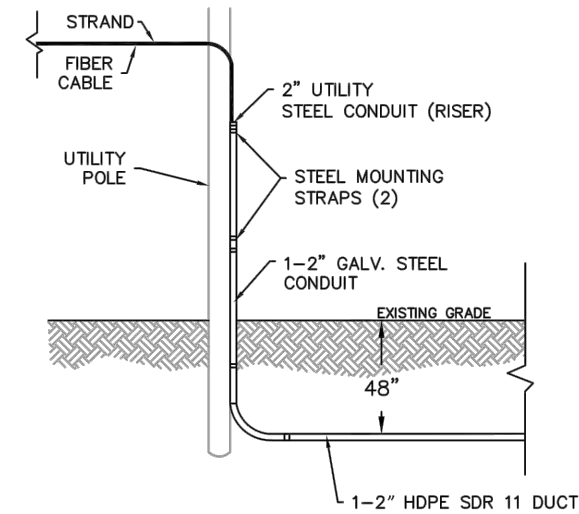
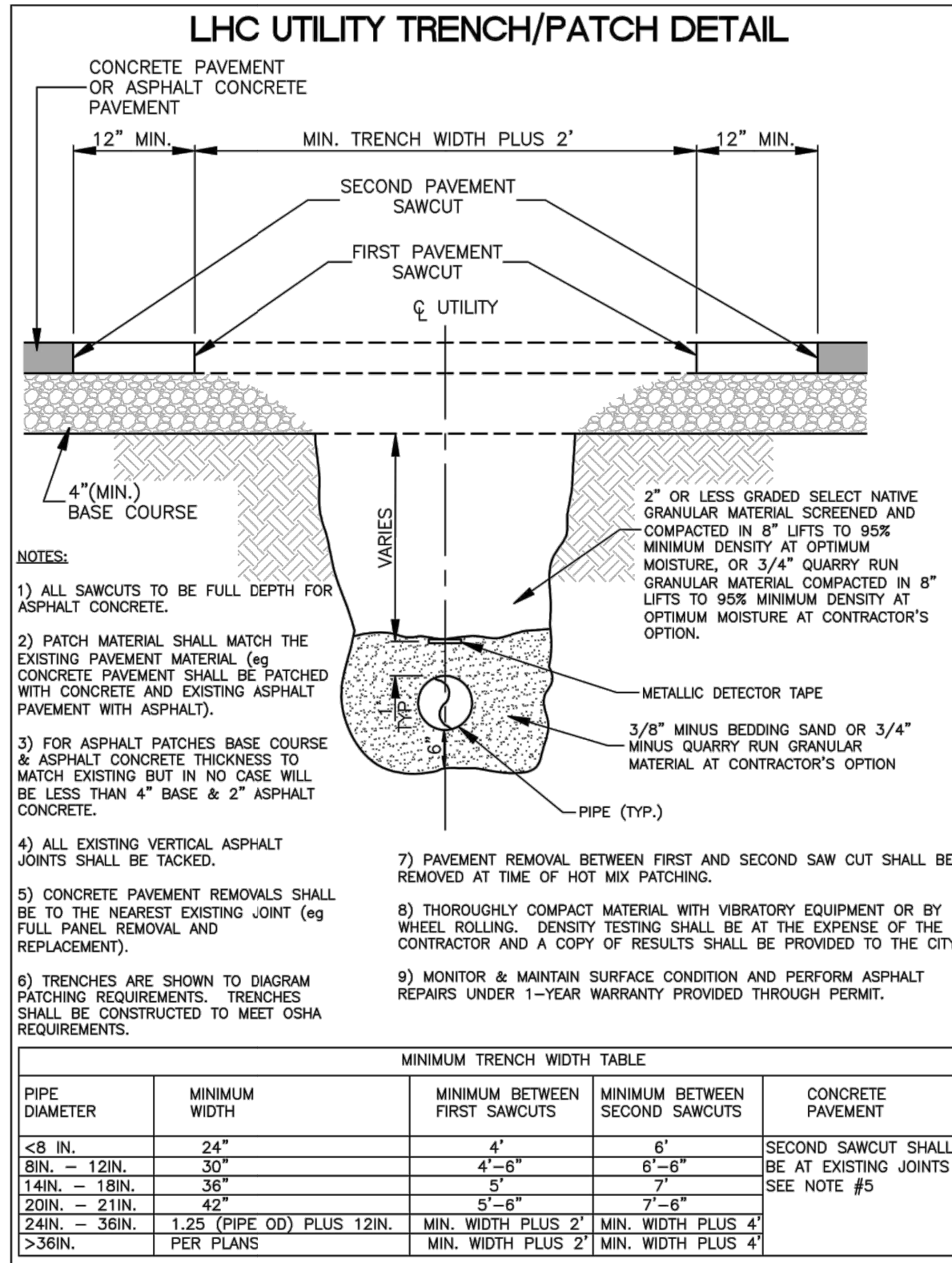
1. No work will be performed in any public right-of-way or easement without proper permits and inspection by the Lake Havasu City Engineering Division. The permittee shall contact Lake Havasu City Engineering Division through the IVR system at (928) 855-3816 at least 24-hours prior to work being performed on permitted projects to schedule necessary inspections.
2. All work in public rights-of-way or easements shall be performed by Contractor(s) licensed in Arizona and possessing a current Lake Havasu City Business License to perform the work, unless otherwise exempt.
3. Permittee shall assume all responsibility and liability to the fullest extent permitted by law for any injury or damage to any person or property lawfully using or placed within the public right-of-way and/or easement caused by or arising out of this permitted project. PERMITTEE SHALL PROVIDE PROOF OF INSURANCE unless current proof of adequate insurance is already on file.
4. Any property or improvements installed within a public right-of-way or easement pursuant to this permit remains the property of the installer, who shall maintain and repair their property as required by circumstances and/or Lake Havasu City.
5. All work shall be performed in accordance with the Lake Havasu City Engineering Division standards and/or details, unless otherwise noted.
6. All job sites shall comply with OSHA standards and regulations.
7. All sewer and water projects shall be constructed in accordance with Arizona Department of Environmental Quality (ADEQ) regulations and the Arizona Revised Statutes.
8. Permittee shall be responsible for the location of all underground utilities by calling 1-800-STAKEIT (782-5348))
9. Permittee shall be responsible for the preservation of all survey monumentation (public/private). Permittee is responsible for the replacement of damaged or removed monuments, which shall be replaced by an Arizona Registered Land Surveyor (R.L.S.)
10. Permittee shall comply with the provisions for Traffic Control in accordance with the most recent edition of the Manual on Uniform Traffic Control Devices (MUTCD) and provide a Traffic Control Plan with permit application.
11. Permittee shall provide Pre-Construction photos for the project limits with permit application.
12. Permittee shall provide two (2) sets of plans with permit application.
13. Permittee shall perform/submit at minimum one compaction test for every street crossing and/or 12" lift for 250 lf of the permitted project. Results of proctor test shall be submitted to the City's Engineering Division prior to final inspection.
14. Permittee shall provide City written agreements between any private landowner and the permittee if storage is to occur on private property with permit application. City parcels, ROW, and other easements not a part of the permitted project shall require Engineering Division authorization prior to use.
15. When crossing utilities of any type, trenches must be left open until inspected and approved by the Engineering Division Inspector. All trenches in the public right-of-way shall be backfilled at the end of each day.
16. Permittee shall provide hot mix patches on all street cuts, unless otherwise approved by the Engineering Division.
17. Any and all public rights-of-way, easements, and/or utilities damaged or disturbed during work permitted herein shall be repaired or replaced by the permittee at their own expense prior to final inspection.
18. If the project fails final inspection, the permittee shall repair, remove, and/or replace the defective work at their own expense within the permitted time. If at any time thereafter, any work performed by the permittee is defective and/or of lower quality of existing materials, the permittee shall replace the defective work with the kind and quantity of material as specified by the Engineering Division. All work shall come with a 1-year warranty.
19. In the event that a public right-of-way or easement or any portion thereof occupied or used by the permittee pursuant to this permit may be needed by Lake Havasu City for any reason, the permittee shall, at their own expense, remove, relocate, raise, or lower their property within a reasonable time after being notified by Lake Havasu City.
20. The City encourages the permittee to discuss individual projects with the other Utility Companies and future projects within the applied project corridor. A joint trench may be required if other utilities will be working within the same corridor to reduce street cuts, costs and interruption to local traffic. (Sudden Link, Unisource Electric, Unisource Gas, Frontier)
21. Failure to comply with these conditions may result in a work stoppage, removal of installation at permittee's expense, revocation of permits, and/or applicable penalties.

FATBEAM CONFIDENTIAL AND PROPRIETARY INFORMATION

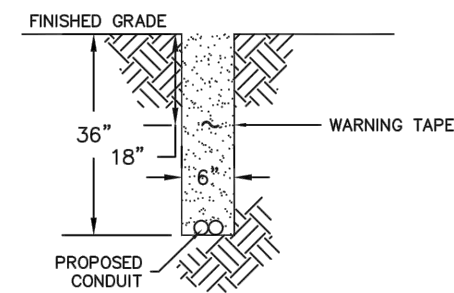
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# UTILITY TRENCH/PATCH DETAILS:



UTILITY POLE RISER DETAIL  
NTS



TYPICAL TRENCH DETAIL  
NTS

FATBEAM CONFIDENTIAL AND PROPRIETARY INFORMATION

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C						
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# VAULT DETAILS

## BULK243624

### BULK VAULT HDPE STRUCTURAL FOAM SHIELD X COMPOSITE COVER

**FEATURES:**

- 24" X 36" X 24" (open floor) (actual dimensions on drawing)
- BULK VAULT – SHIELD X COVER– Tier 22 Load Rated (ANSI/SCTE 77: 2016)
- (2) Cover fastener auger bolts, Hex (9/16") or Penta (7/8") head with washer (304 stainless steel)
- (2) Non-Seizing Fastening System, Field Replaceable
- (4) Embedded Composite Rack Support
- (2) Lifting slot equipped with stainless steel pin (slot is approximately 2 3/4" x 3/4")
- (1) Logo Disk
- Stainless steel hardware is 300 series.

**WEIGHT & SHIPPING:**

- Cover Weight: 47 lbs
- Box Weight: 55 lbs
- Assembly Weight : 102 lbs

**PERFORMANCE TESTING:**

- ANSI/SCTE 77: 2016 - TIER 22 Rated (33,750 lbs)
- AS3996 – Class C
- EN124 Class B125
- ASTM C1028-07 & AS-4586 (Slip Resistance)
- 10,000 Hour Xenon-Arc Exposure (No fiber-bloom)
- ASTM D635-06 (Flammability)

Inside Dimensions		
Length	Width	Depth
34 3/4" [873]	22 3/4" [578]	21" [533]

**TYPICAL DETAIL**  
72CT FIBER & 1/4" STRAND

BUNDLE SIZE & WEIGHT		
1-1/4" EHS	.250 DIA	1210 LB/FT
2-72CT	.500 DIA	1010 LB/FT
TOTAL	.750 DIA	2220 LB/FT

**NOTES:**

1. BOND TO ALL GROUNDS ENCOUNTERED
2. AT EACH POLE PLACE ORANGE "FIBER TAG" TO IDENTIFY FATBEAM FIBER
3. AT EACH SPLICE CASE PLACE FATBEAM FIBER TAG TO CLEARLY MARK OUR FIBER
4. IN EACH VAULT PLACE FATBEAM FIBER TAG ON FATBEAM FIBER
5. CALL 811 AT LEAST 2 DAYS PRIOR TO DIGGING FOR LOCATES

FATBEAM CONFIDENTIAL AND PROPRIETARY INFORMATION

REV.	DATE	DESCRIPTION	NOTICE TO PLANHOLDER:	LEGEND	DRAWN BY:	OWNER:	
A			<p>THE UTILITY LOCATIONS AND OTHER FACILITIES SHOWN ON THIS DRAWING ARE REPRESENTATIVE OF INFORMATION FURNISHED BY OTHER PARTIES. IT IS INTENDED FOR REFERENCE ONLY. CONTRACTOR IS REQUIRED TO CONTACT 811 PRIOR TO STARTING CONSTRUCTION AND IS BOUND BY THEIR LAWS AND ORDINANCES.</p> <p><b>CONSTRUCTION NOTES:</b></p> <p>INSTALL WARNING TAPE IN ALL TRENCHES (A MINIMUM OF 18"–BUT NOT TO EXCEED 30" BELOW EXISTING GRADE) AS PER MAG SPEC. 360.3</p> <p><b>CONFIDENTIAL:</b></p> <p>INFORMATION ON THIS DOCUMENT IS PROPRIETARY AND SHALL NOT BE USED, COPIED, REPRODUCED, OR DISCLOSED IN WHOLE OR IN PART WITHOUT WRITTEN CONSENT.</p>	<p><b>PROPOSED</b></p> <ul style="list-style-type: none"> <li style="width: 33%;"> BORE FTG</li> <li style="width: 33%;"> VAULT</li> <li style="width: 33%;"> CATV PEDESTAL</li> <li style="width: 33%;"> TRENCH FTG</li> <li style="width: 33%;"> PULLBOX</li> <li style="width: 33%;"> POWER SUPPLY</li> <li style="width: 33%;"> ASPHALT CUT FTG</li> <li style="width: 33%;"> HANDHOLE</li> <li style="width: 33%;"> CATV CABINET</li> <li style="width: 33%;"> AERIAL FTG</li> <li style="width: 33%;"> MANHOLE</li> <li style="width: 33%;"> VAULTED PED</li> <li style="width: 33%;"> TRENCH</li> <li style="width: 33%;"> BORE</li> <li style="width: 33%;"> POT HOLE</li> <li style="width: 33%;"> BORE PIT</li> <li style="width: 33%;"> ASPHALT CUT</li> </ul>	<p><b>EXISTING</b></p> <ul style="list-style-type: none"> <li style="width: 33%;"> FIRE HYDRANT</li> <li style="width: 33%;"> UTILITY PEDESTAL</li> <li style="width: 33%;"> STEEL POWER POLE</li> <li style="width: 33%;"> WATER VALVE</li> <li style="width: 33%;"> TRAFFIC SIGNAL</li> <li style="width: 33%;"> WOOD TRANS. POLE</li> <li style="width: 33%;"> WATER METER</li> <li style="width: 33%;"> TRANSFORMER</li> <li style="width: 33%;"> STEEL TRANS. POLE</li> <li style="width: 33%;"> BRASS CAP</li> <li style="width: 33%;"> STREET LIGHT</li> <li style="width: 33%;"> WOOD POWER POLE</li> <li style="width: 33%;"> VAULT</li> <li style="width: 33%;"> POWER SUPPLY</li> <li style="width: 33%;"> JUNCTION BOX</li> <li style="width: 33%;"> CATV PEDESTAL</li> <li style="width: 33%;"> UTILITY CABINET</li> <li style="width: 33%;"> UTILITY MANHOLE</li> <li style="width: 33%;"> TREE</li> <li style="width: 33%;"> FENCE</li> <li style="width: 33%;"> BLOCK WALL</li> <li style="width: 33%;"> STORM INLET</li> </ul>	<p><b>CobbFendley</b> 3820 Academy Parkway North NE Albuquerque, New Mexico 87109 Phone: 505.508.0796</p>	<p><b>fatbeam</b></p>
B							
C							
D							
E							
F							
			<p>PROJECT NAME: EL DORADO</p> <p>TOWNSHIP AND RANGE: 13N 19W SEC 06</p> <p>PROJECT ADDRESS: 3168 PIONEER DR, LAKE HAVASU CITY, AZ 86404</p> <p>PROJECT MANAGER: ROBERT MATSON</p>	<p>DATE: 8/3/2023</p> <p>DRAWING NO.: 2316-035-02</p> <p>SHEET NO.: 5 OF 8</p>			

# tone wire

PROPOSED HH  
ADD TEST STATION  
STA 4+69 E, 77' LT

HH

HH

PROPOSED HH  
ADD TEST STATION  
STA 4+69 E, 87' RT

REPLACE EX. FATBEAM HH  
ADD TEST STATION  
STA 7+00 E, 84' RT

HH

PLACE FATBEAM PROVIDED TEST STATIONS  
PER ATTACHED DETAIL  
ENSURE GROUND RODS ARE PLACED AT  
EACH TEST STATION & THAT A SINGLE 12AWG  
TAIL IS CONNECTED BETWEEN GROUND ROD  
AND APPROPRIATE TEST STATION LUG



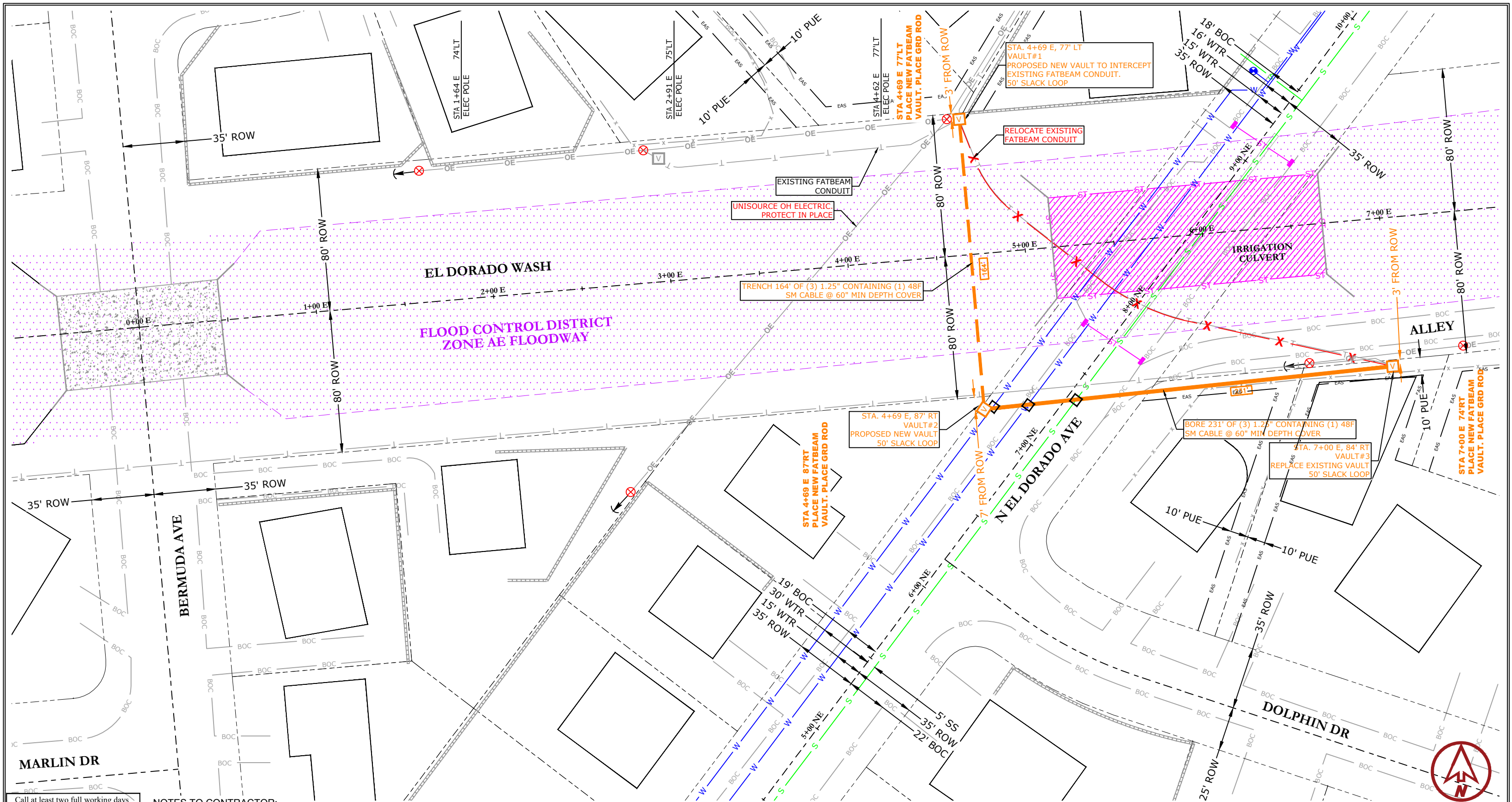
FATBEAM CONFIDENTIAL AND PROPRIETARY INFORMATION

REV.	DATE	DESCRIPTION
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D		
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**CONSTRUCTION NOTES:**  
INSTALL WARNING TAPE IN ALL TRENCHES (A MINIMUM OF 18" - BUT NOT TO EXCEED 30" BELOW EXISTING GRADE) AS PER MAG SPEC. 360.3  
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PROPOSED			EXISTING		
BORE FTG	VAULT	CATV PEDESTAL	FIRE HYDRANT	UTILITY PEDESTAL	STEEL POWER POLE
TRENCH FTG	PULLBOX	POWER SUPPLY	WATER VALVE	TRAFFIC SIGNAL	WOOD TRANS. POLE
ASPHALT CUT FTG	HANDHOLE	CATV CABINET	WATER METER	TRANSFORMER	STEEL TRANS. POLE
AERIAL FTG	MANHOLE	VAULTED PED	BRASS CAP	STREET LIGHT	WOOD POWER POLE
TRENCH	POT HOLE	BORE PIT	VAULT	POWER SUPPLY	JUNCTION BOX
BORE			CATV PEDESTAL	UTILITY CABINET	UTILITY MANHOLE
ASPHALT CUT					TREE

DRAWN BY: <b>CobbFendley</b> <small>3820 Academy Parkway North NE Albuquerque, New Mexico 87109 Phone: 505.508.0786</small>		OWNER:	
PROJECT NAME EL DORADO		TOWNSHIP AND RANGE 13N 19W SEC 06	
PROJECT ADDRESS 3168 PIONEER DR LAKE HAVASU CITY, AZ 86404		CITY/TOWN/COUNTY LAKE HAVASU CITY	QUARTER SECTION NO. LOT 6
PROJECT MANAGER ROBERT MATSON	DATE 8/3/2023	DRAWING NO. 2316-035-02	SHEET NO. 6 OF 8

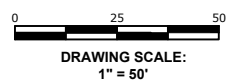


Call at least two full working days before you begin excavation.

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

**NOTES TO CONTRACTOR:**  
 CONTRACTOR TO POT HOLE AND LOCATE ALL UTILITIES PRIOR TO STARTING CONSTRUCTION.

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	TRENCH FTG		WATER VALVE
	ASPHALT CUT FTG		WATER METER
	AERIAL FTG		BRASS CAP
	TRENCH		VAULT
	BORE		CATV PEDESTAL
	ASPHALT CUT		UTILITY PEDESTAL
	VAULT		TRANSFORMER
	PULLBOX		STREET LIGHT
	HANDHOLE		POWER SUPPLY
	MANHOLE		UTILITY CABINET
	MANHOLE		STEEL POWER POLE
	VAULTED PED		WOOD TRANS. POLE
	BORE PIT		STEEL TRANS. POLE
	POTHOLE		WOOD POWER POLE
	CATV PEDESTAL		JUNCTION BOX
	UTILITY CABINET		UTILITY MANHOLE
	TREE		FENCE
	STORM INLET		BLOCK WALL

DRAWN BY: <b>CobbFendley</b>		OWNER:	
PROJECT NAME: EL DORADO		TOWNSHIP AND RANGE: 13N 19W SEC 06	
PROJECT ADDRESS: 3168 PIONEER DR LAKE HAVASU CITY, AZ 86404		CITY/TOWNSHIP/COUNTY: LAKE HAVASU CITY	
PROJECT MANAGER: ROBERT MATSON		DATE: 8/3/2023	DRAWING NO.: 2316-035-02
		QUARTER SECTION NO.: LOT 6	SHEET NO.: 7 OF 8

# SITE PHOTOS

**"A" LOCATION**  
(E BASELINE AVE - FACING NORTH)

**"X" LOCATION**  
(E BASELINE AVE - FACING SOUTH)



Call at least two full working days before you begin excavation.

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TRENCH FTG	PULLBOX	POWER SUPPLY	WATER VALVE
ASPHALT CUT FTG	HANDHOLE	CATV CABINET	WATER METER
AERIAL FTG	MANHOLE	VAULTED PED	BRASS CAP
TRENCH	POT HOLE	BORE PIT	VAULT
BORE			CATV PEDESTAL
ASPHALT CUT			UTILITY PEDESTAL

 PROJECT NAME: EL DORADO PROJECT ADDRESS: 3168 PIONEER DR, LAKE HAVASU CITY, AZ 86404 PROJECT MANAGER: ROBERT MATSON		DRAWN BY: [Signature] OWNER: fatbeam TOWNSHIP AND RANGE: 13N 19W SEC 06 CITY/TOWN/COUNTY: LAKE HAVASU CITY QUARTER SECTION NO.: LOT 6 DATE: 8/3/2023 DRAWING NO.: 2316-035-02 SHEET NO.: 8 OF 8	
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